

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074480.D
 Acq On : 15 Sep 2022 23:38
 Operator : JC\MD
 Sample : VN0915WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS02

Quant Time: Sep 16 01:48:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	327340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	626823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	544457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	226569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	284462	51.216	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.440%			
35) Dibromofluoromethane	7.951	113	219662	52.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.500%			
50) Toluene-d8	10.380	98	842996	52.349	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.700%			
62) 4-Bromofluorobenzene	12.674	95	277184	50.257	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	60557	16.998	ug/l	94
3) Chloromethane	2.263	50	123089	20.694	ug/l	96
4) Vinyl Chloride	2.404	62	134420	20.962	ug/l	99
5) Bromomethane	2.793	94	83289	24.629	ug/l	96
6) Chloroethane	2.963	64	99985	22.826	ug/l	94
7) Trichlorofluoromethane	3.316	101	123031	17.374	ug/l	94
8) Diethyl Ether	3.763	74	63327	17.536	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.134	101	75052	17.131	ug/l	87
10) Methyl Iodide	4.340	142	95245	18.429	ug/l	95
11) Tert butyl alcohol	5.287	59	176097	97.330	ug/l	98
12) 1,1-Dichloroethene	4.116	96	79904	18.948	ug/l	97
13) Acrolein	3.975	56	60706	91.878	ug/l	96
14) Allyl chloride	4.757	41	186948	18.160	ug/l #	95
15) Acrylonitrile	5.475	53	402150	98.936	ug/l	97
16) Acetone	4.216	43	338880	95.350	ug/l	97
17) Carbon Disulfide	4.451	76	202366	17.118	ug/l #	94
18) Methyl Acetate	4.775	43	209836	19.009	ug/l	90
19) Methyl tert-butyl Ether	5.528	73	332238	18.285	ug/l	95
20) Methylene Chloride	5.010	84	103970	19.180	ug/l #	76
21) trans-1,2-Dichloroethene	5.516	96	87737	18.798	ug/l	98
22) Diisopropyl ether	6.404	45	401306	19.413	ug/l #	91
23) Vinyl Acetate	6.345	43	1790411	98.200	ug/l #	90
24) 1,1-Dichloroethane	6.310	63	191933	18.575	ug/l	98
25) 2-Butanone	7.257	43	596681	101.118	ug/l #	85
26) 2,2-Dichloropropane	7.245	77	122532	13.755	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	106047	17.496	ug/l	90
28) Bromochloromethane	7.581	49	58535	19.221	ug/l #	65
29) Tetrahydrofuran	7.604	42	393497	101.424	ug/l #	85
30) Chloroform	7.745	83	177084	18.568	ug/l	95
31) Cyclohexane	8.022	56	184009	18.665	ug/l	92
32) 1,1,1-Trichloroethane	7.945	97	146579	17.524	ug/l	95
36) 1,1-Dichloropropene	8.151	75	129508	17.572	ug/l	95
37) Ethyl Acetate	7.334	43	221170	19.431	ug/l #	94
38) Carbon Tetrachloride	8.128	117	120703	17.738	ug/l	98
39) Methylcyclohexane	9.398	83	159146	18.159	ug/l	91
40) Benzene	8.386	78	425951	18.690	ug/l	96

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	113844	20.688	ug/l #	80
42) 1,2-Dichloroethane	8.463	62	147121	18.811	ug/l	98
43) Isopropyl Acetate	8.492	43	354257	19.870	ug/l #	92
44) Trichloroethene	9.151	130	86033	17.445	ug/l	94
45) 1,2-Dichloropropane	9.428	63	119758	19.120	ug/l	99
46) Dibromomethane	9.516	93	69313	17.669	ug/l #	84
47) Bromodichloromethane	9.698	83	146433	19.040	ug/l	99
48) Methyl methacrylate	9.498	41	149895	18.961	ug/l	86
49) 1,4-Dioxane	9.504	88	61028	401.533	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	1194350	102.585	ug/l	89
52) Toluene	10.445	92	251093	18.788	ug/l	95
53) t-1,3-Dichloropropene	10.657	75	161370	18.003	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	169904	17.713	ug/l #	85
55) 1,1,2-Trichloroethane	10.839	97	108722	19.206	ug/l	95
56) Ethyl methacrylate	10.704	69	191458	18.934	ug/l #	80
57) 1,3-Dichloropropane	10.986	76	186980	18.839	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	376193	84.533	ug/l #	89
59) 2-Hexanone	11.027	43	917141	103.191	ug/l	88
60) Dibromochloromethane	11.180	129	99666	18.391	ug/l	99
61) 1,2-Dibromoethane	11.286	107	101675	18.488	ug/l	100
64) Tetrachloroethene	10.916	164	63048	16.874	ug/l	94
65) Chlorobenzene	11.710	112	259893	19.014	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	92698	18.666	ug/l	98
67) Ethyl Benzene	11.786	91	474153	18.895	ug/l	98
68) m/p-Xylenes	11.892	106	354957	38.257	ug/l	95
69) o-Xylene	12.222	106	180351	19.064	ug/l	96
70) Styrene	12.233	104	285304	18.130	ug/l	97
71) Bromoform	12.398	173	64997	17.808	ug/l	97
73) Isopropylbenzene	12.521	105	449012	19.355	ug/l	100
74) N-amyl acetate	12.333	43	295399	20.365	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	181975	19.574	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	141625m	20.308	ug/l	
77) Bromobenzene	12.804	156	91473	18.458	ug/l	71
78) n-propylbenzene	12.863	91	534131	19.331	ug/l	94
79) 2-Chlorotoluene	12.945	91	312603	18.952	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	369490	19.538	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	59453	18.400	ug/l	95
82) 4-Chlorotoluene	13.045	91	294740	18.800	ug/l	98
83) tert-Butylbenzene	13.268	119	329497	19.144	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	365583	19.209	ug/l	99
85) sec-Butylbenzene	13.445	105	459949	19.463	ug/l	96
86) p-Isopropyltoluene	13.557	119	352501	19.133	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	173052	19.003	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	163718	17.888	ug/l	95
89) n-Butylbenzene	13.886	91	303331	18.266	ug/l	96
90) Hexachloroethane	14.151	117	76585	19.105	ug/l	72
91) 1,2-Dichlorobenzene	13.927	146	175987	18.628	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	37471	18.253	ug/l	82
93) 1,2,4-Trichlorobenzene	15.198	180	81795	18.173	ug/l	94
94) Hexachlorobutadiene	15.304	225	34372	17.376	ug/l	96
95) Naphthalene	15.439	128	338638	18.496	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	81115	18.263	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

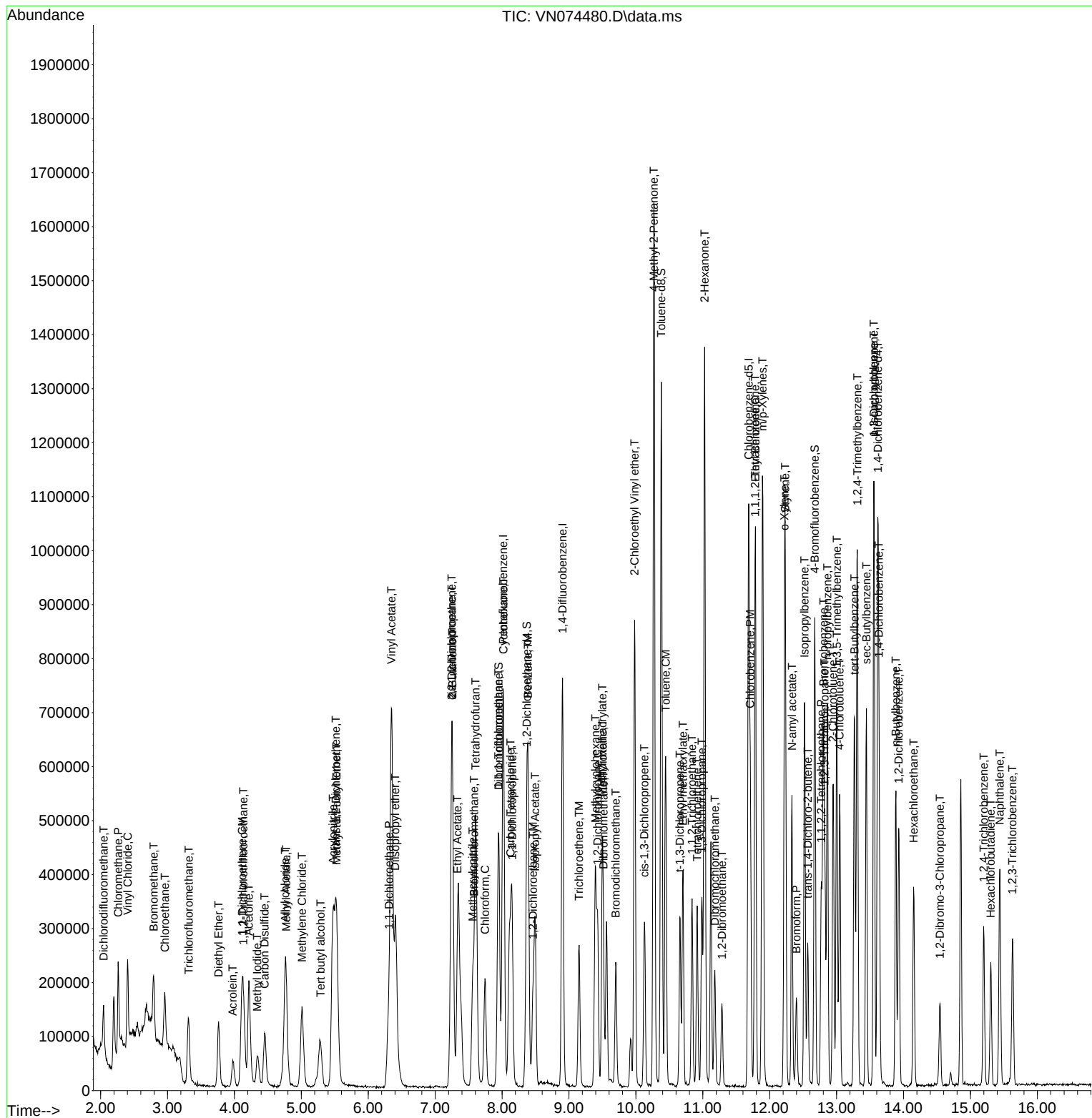
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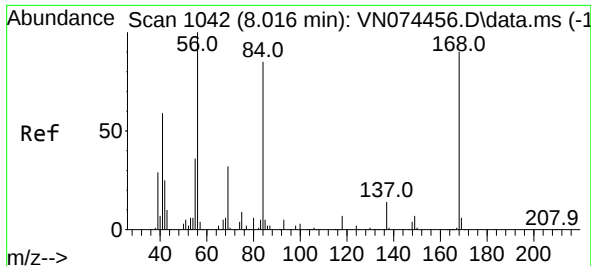
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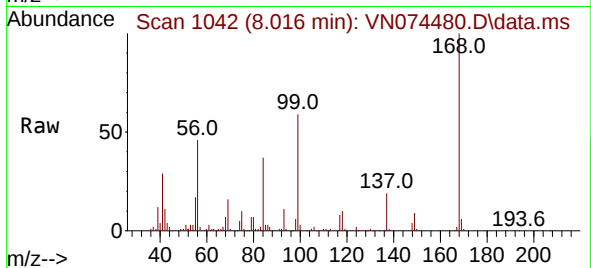
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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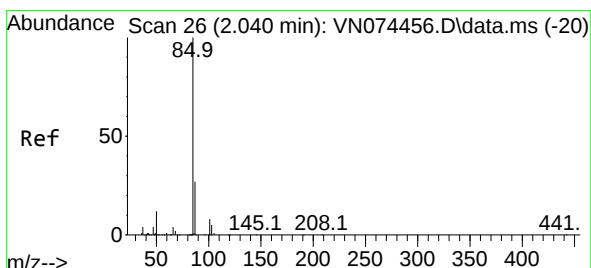
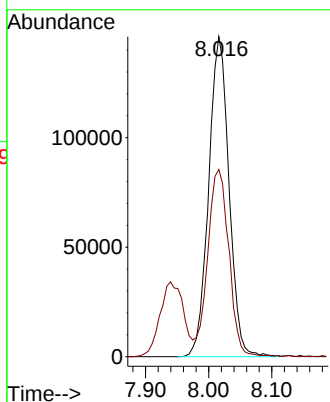
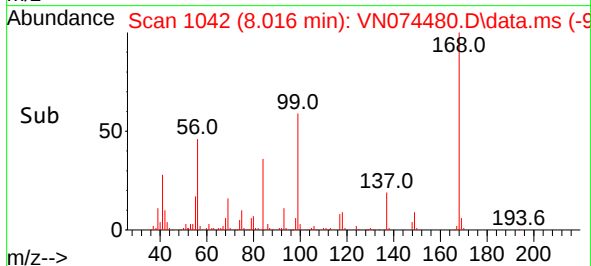
Instrument :
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Tgt Ion:168 Resp: 327340
Ion Ratio Lower Upper
168 100
99 58.1 42.3 63.5

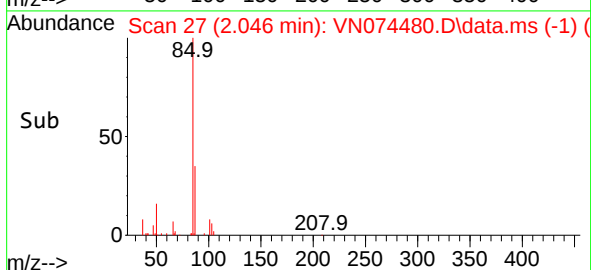
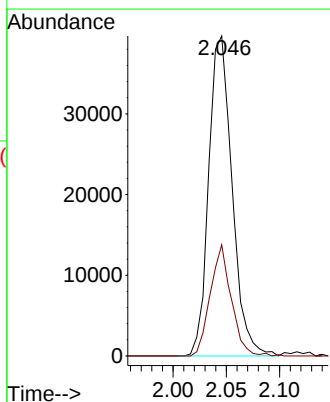
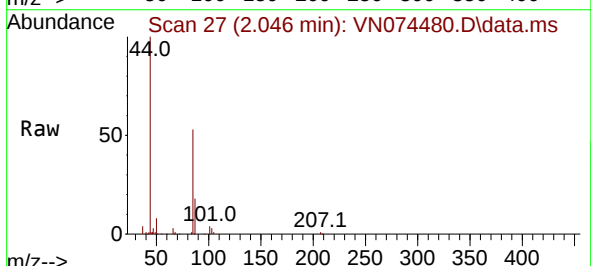
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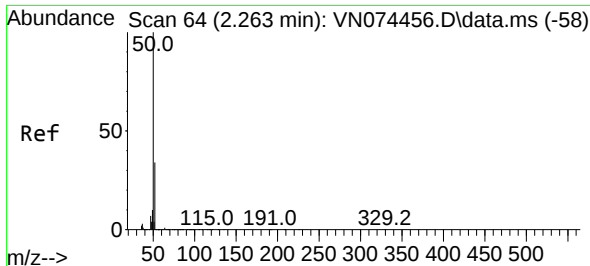
Reviewed By :John Carlone 09/16/2022
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#2
Dichlorodifluoromethane
Concen: 16.998 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.006 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

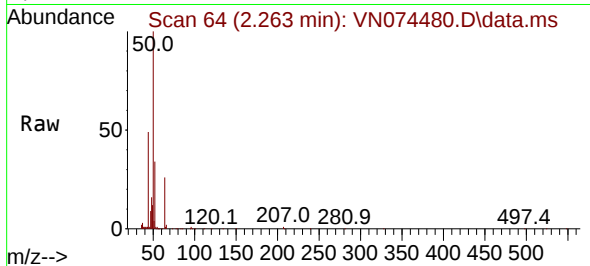
Tgt Ion: 85 Resp: 60557
Ion Ratio Lower Upper
85 100
87 34.8 15.7 47.1





#3
Chloromethane
Concen: 20.694 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

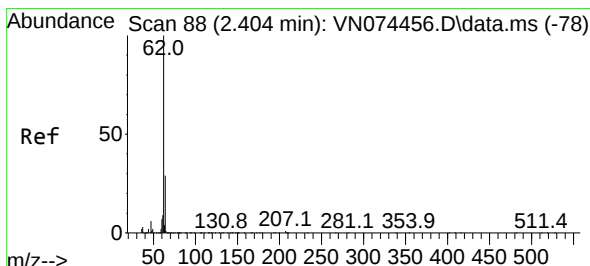
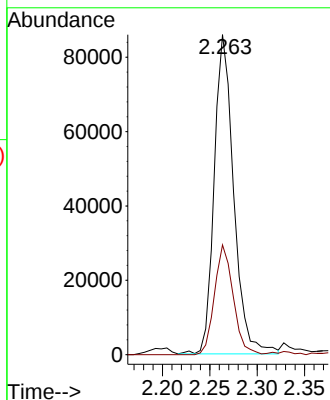
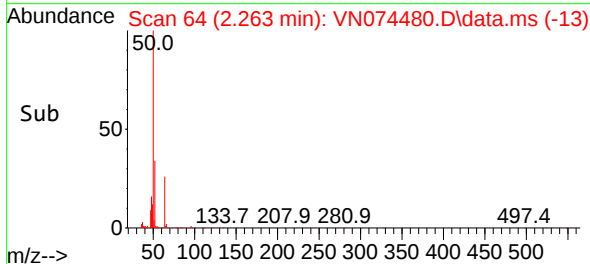
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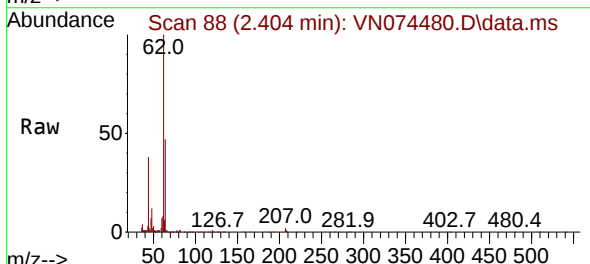
Tgt Ion: 50 Resp: 123089
Ion Ratio Lower Upper
50 100
52 34.4 25.7 38.5

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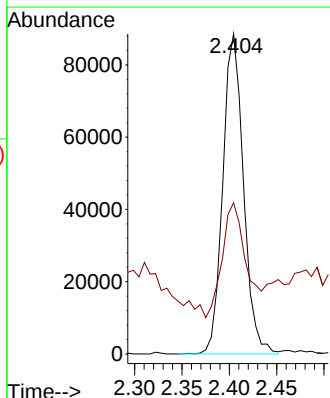
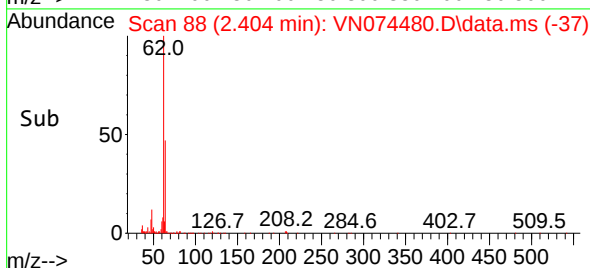
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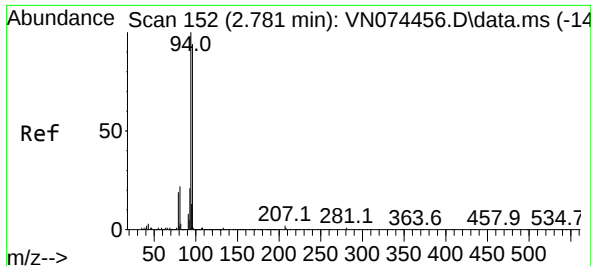


#4
Vinyl Chloride
Concen: 20.962 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



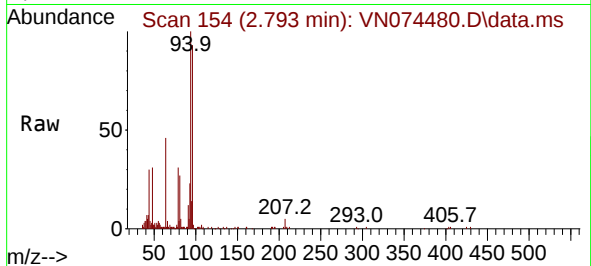
Tgt Ion: 62 Resp: 134420
Ion Ratio Lower Upper
62 100
64 30.7 25.0 37.4





#5
Bromomethane
Concen: 24.629 ug/l
RT: 2.793 min Scan# 154
Delta R.T. 0.012 min
Lab File: VN074480.D
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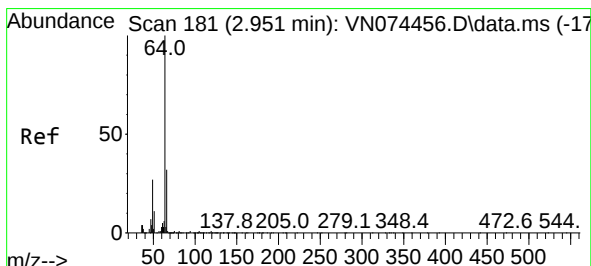
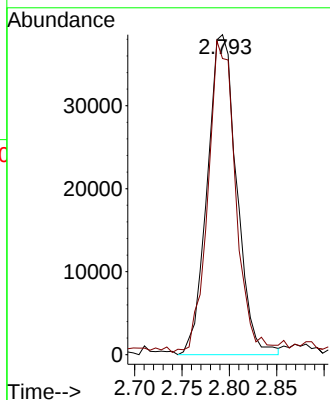
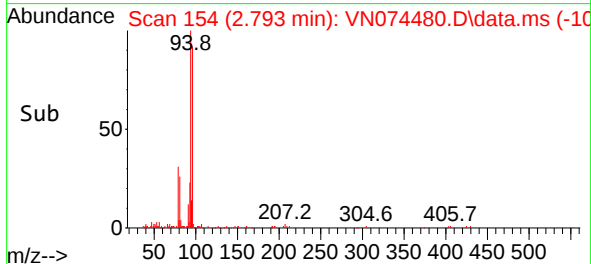
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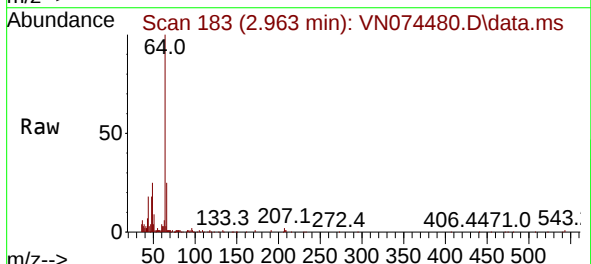
Tgt Ion: 94 Resp: 83289
Ion Ratio Lower Upper
94 100
96 90.9 76.0 114.0

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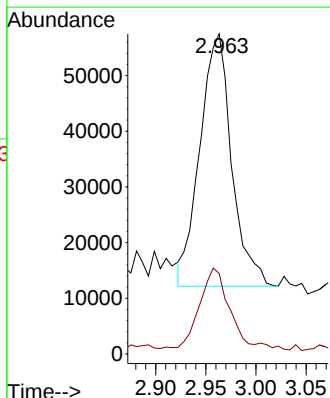
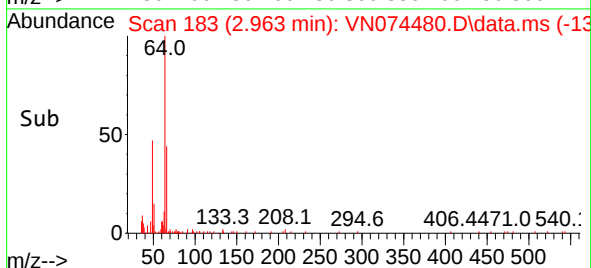
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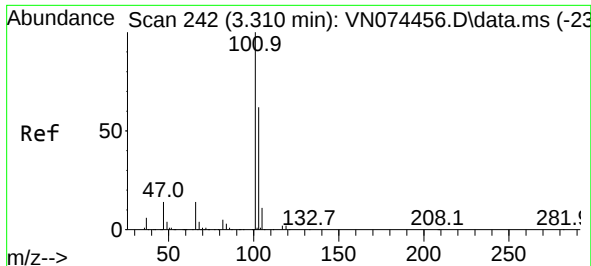


#6
Chloroethane
Concen: 22.826 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



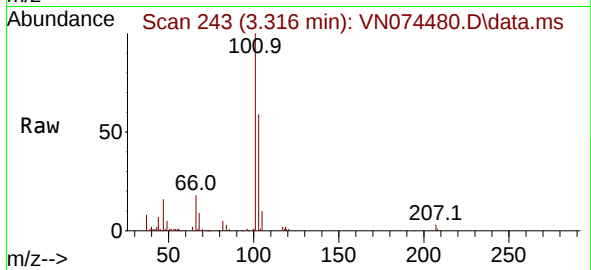
Tgt Ion: 64 Resp: 99985
Ion Ratio Lower Upper
64 100
66 29.3 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 17.374 ug/l
 RT: 3.316 min Scan# 242
 Delta R.T. 0.006 min
 Lab File: VN074480.D
 Acq: 15 Sep 2022 23:38

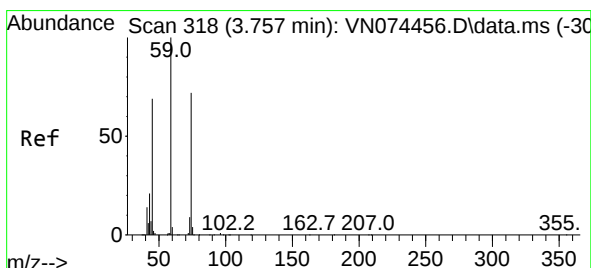
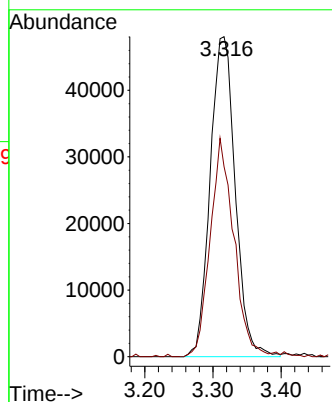
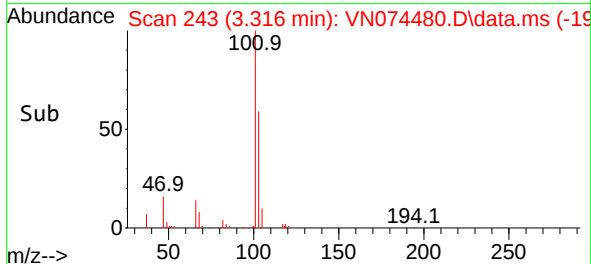
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Tgt Ion:101 Resp: 12303
 Ion Ratio Lower Upper
 101 100
 103 59.4 51.5 77.3

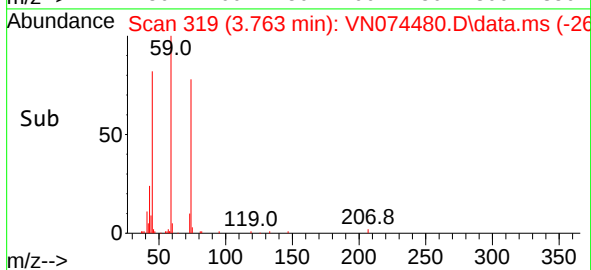
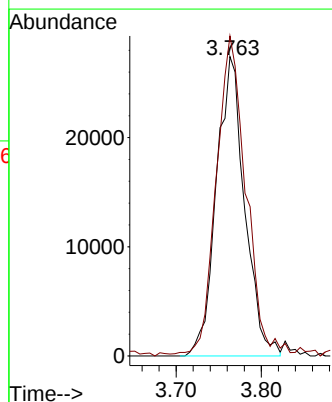
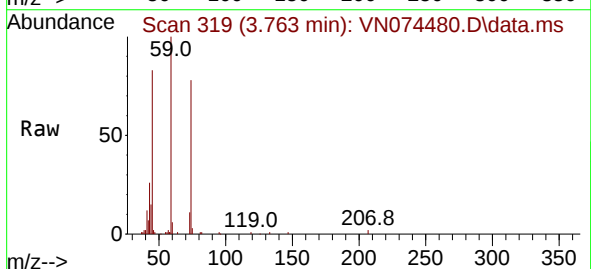
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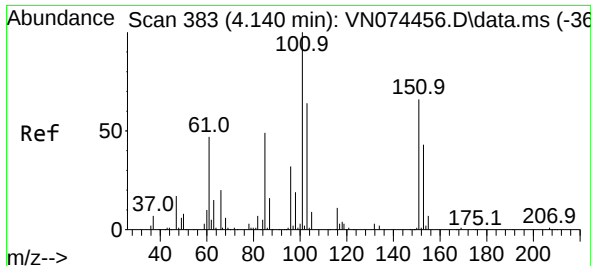
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#8
 Diethyl Ether
 Concen: 17.536 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.006 min
 Lab File: VN074480.D
 Acq: 15 Sep 2022 23:38

Tgt Ion: 74 Resp: 63327
 Ion Ratio Lower Upper
 74 100
 45 110.3 42.9 128.5





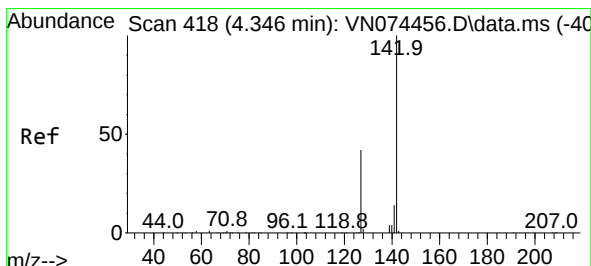
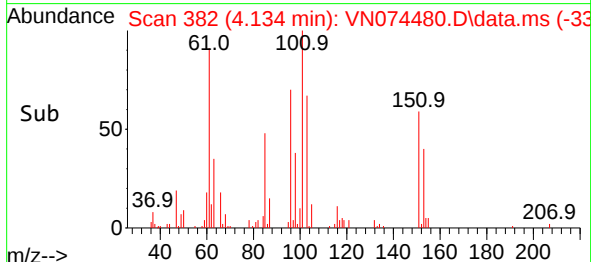
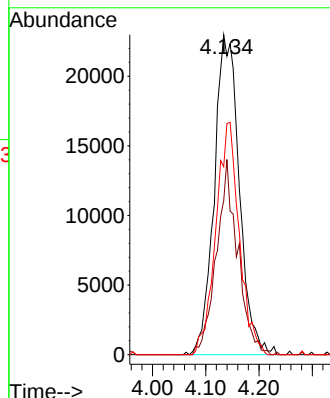
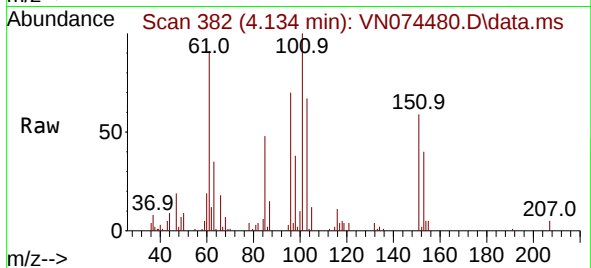
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.131 ug/l
RT: 4.134 min Scan# 383
Delta R.T. -0.006 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02

Tgt Ion:101 Resp: 75052
Ion Ratio Lower Upper
101 100
85 51.8 34.7 52.1
151 67.9 63.0 94.4

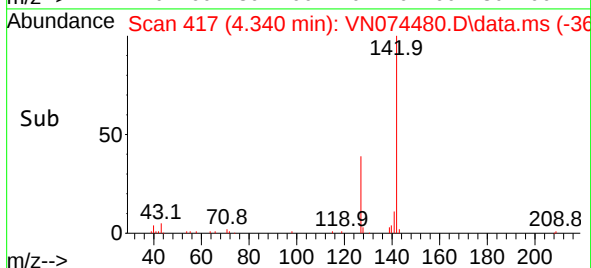
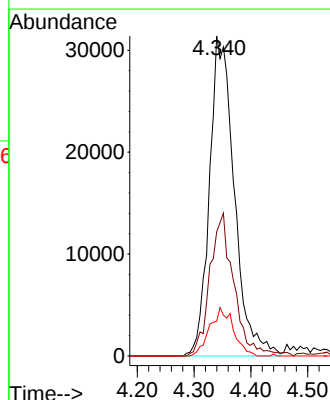
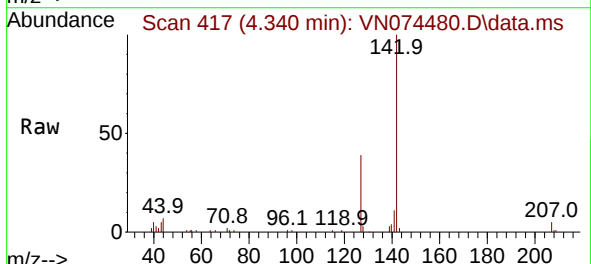
Manual Integrations
APPROVED

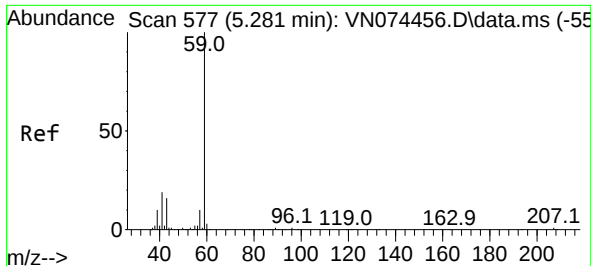
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#10
Methyl Iodide
Concen: 18.429 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

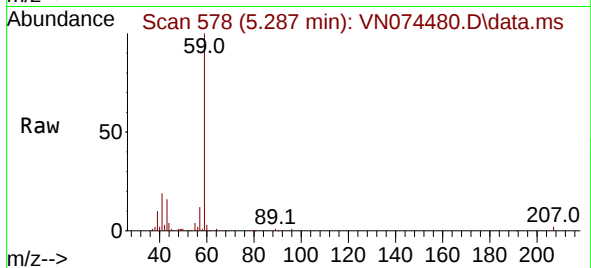
Tgt Ion:142 Resp: 95245
Ion Ratio Lower Upper
142 100
127 42.8 31.3 46.9
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 97.330 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

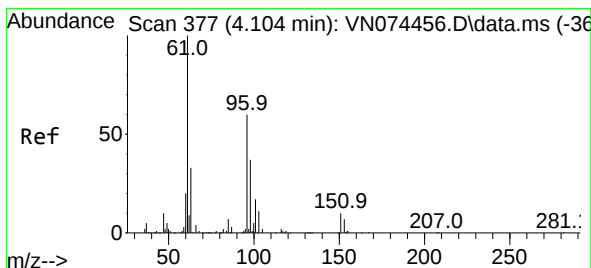
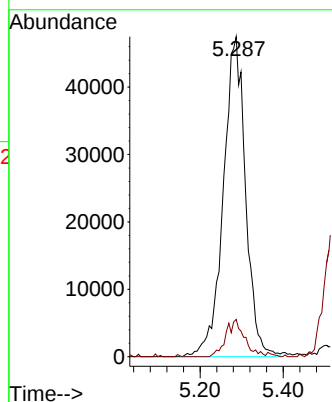
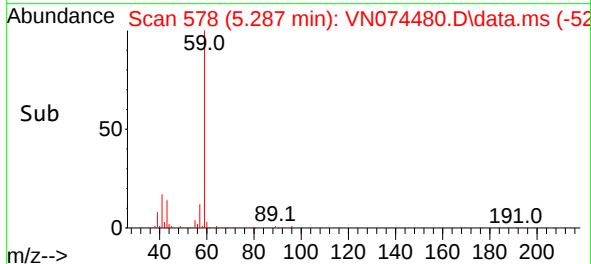
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



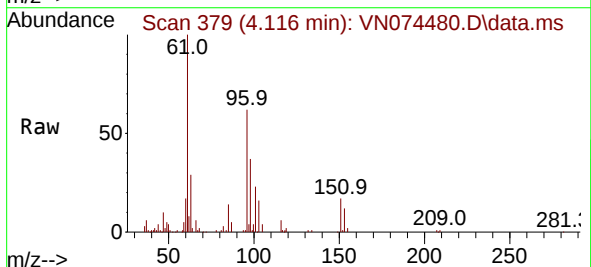
Tgt Ion: 59 Resp: 17609
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

Manual Integrations
APPROVED

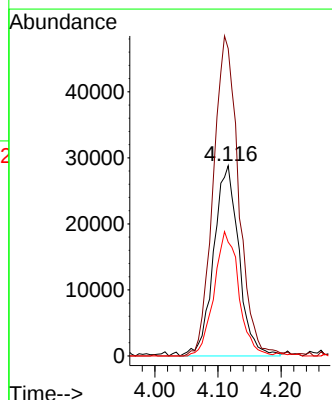
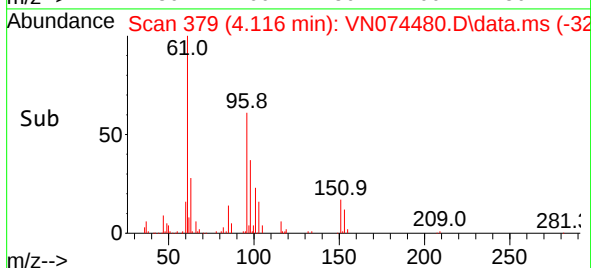
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

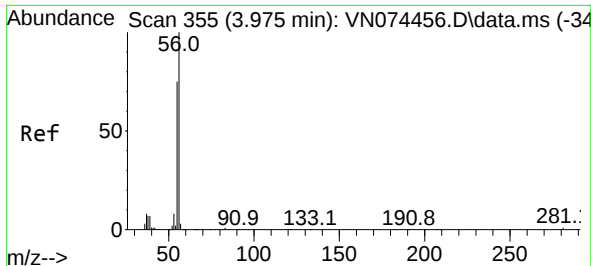


#12
1,1-Dichloroethene
Concen: 18.948 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



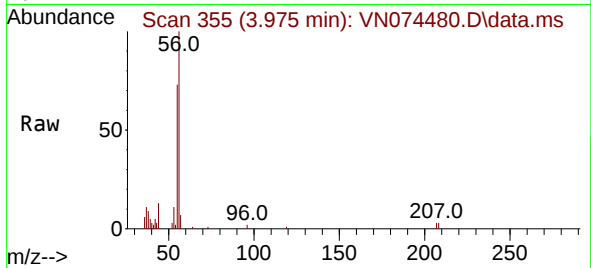
Tgt Ion: 96 Resp: 79904
Ion Ratio Lower Upper
96 100
61 161.6 127.6 191.4
98 59.8 51.2 76.8





#13
Acrolein
Concen: 91.878 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

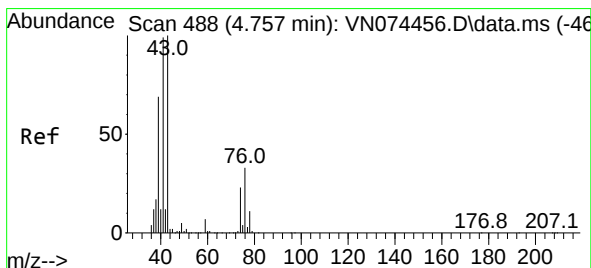
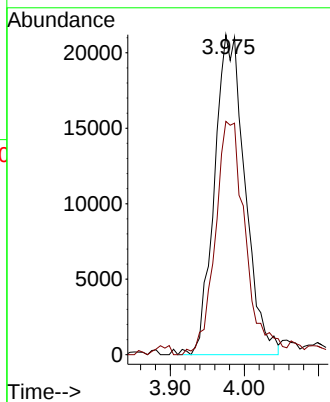
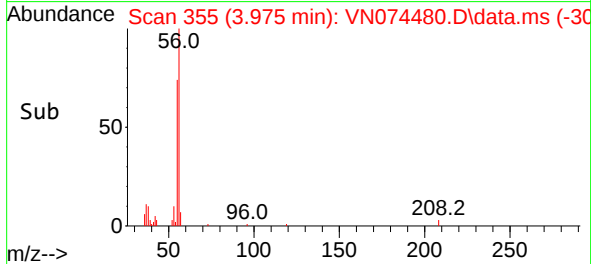
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



Tgt Ion: 56 Resp: 60700
Ion Ratio Lower Upper
56 100
55 71.9 54.8 82.2

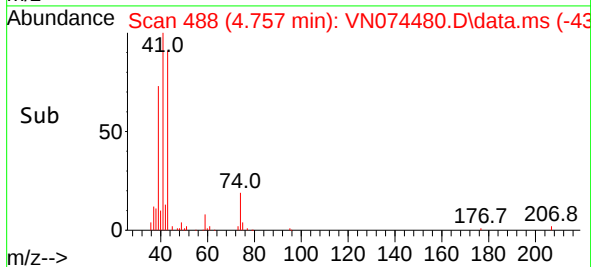
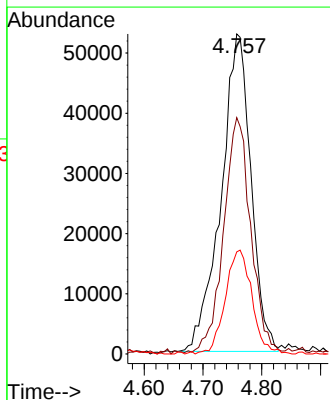
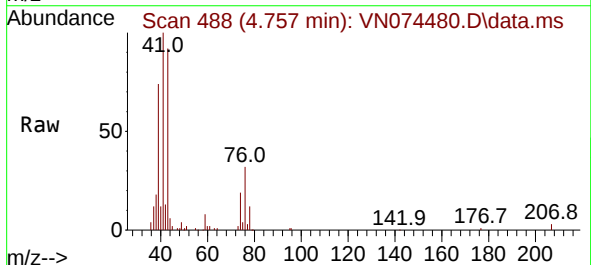
Manual Integrations
APPROVED

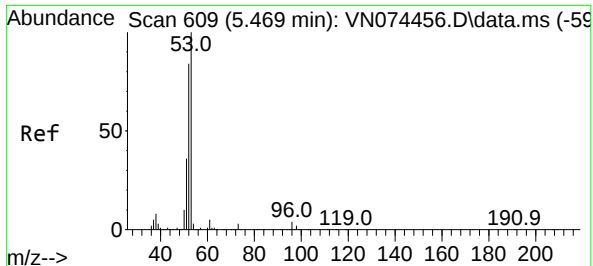
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#14
Allyl chloride
Concen: 18.160 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

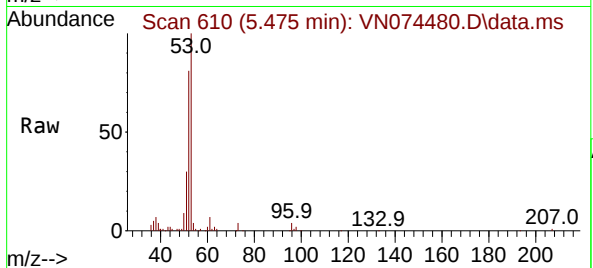
Tgt Ion: 41 Resp: 186948
Ion Ratio Lower Upper
41 100
39 66.6 53.2 79.8
76 29.1 29.9 44.9





#15
Acrylonitrile
Concen: 98.936 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

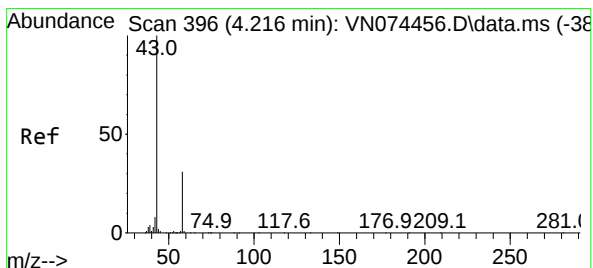
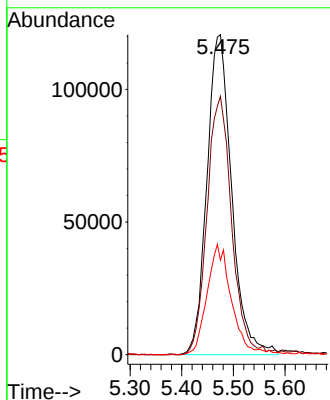
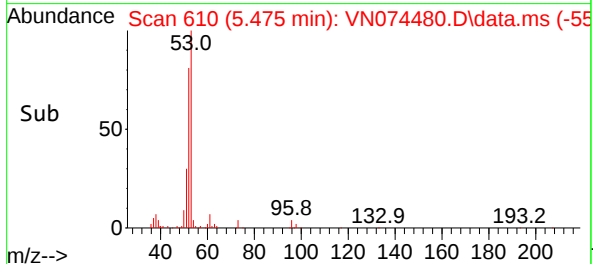
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



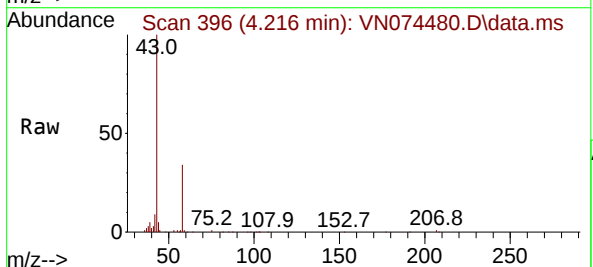
Tgt Ion: 53 Resp: 402150
Ion Ratio Lower Upper
53 100
52 80.1 66.4 99.6
51 34.1 28.5 42.7

Manual Integrations
APPROVED

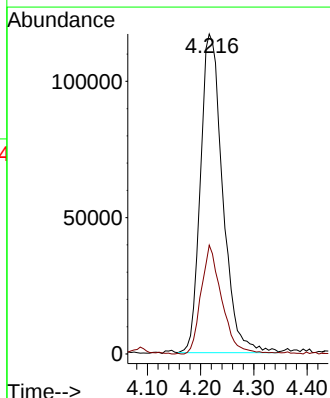
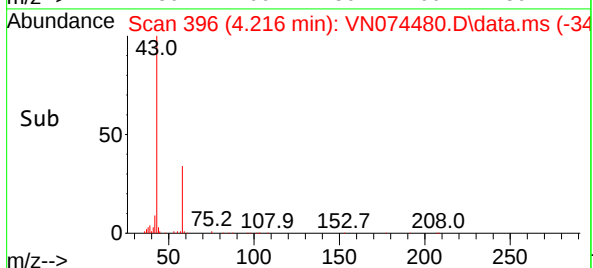
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

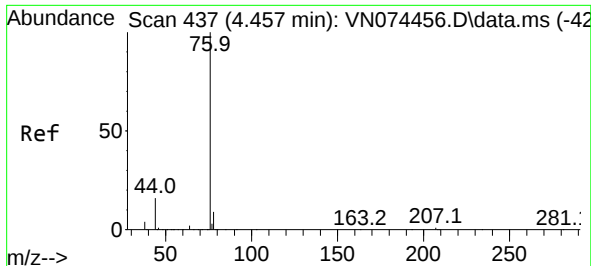


#16
Acetone
Concen: 95.350 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



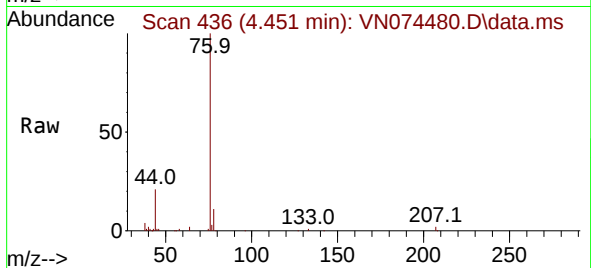
Tgt Ion: 43 Resp: 338880
Ion Ratio Lower Upper
43 100
58 33.9 26.0 39.0





#17
Carbon Disulfide
Concen: 17.118 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

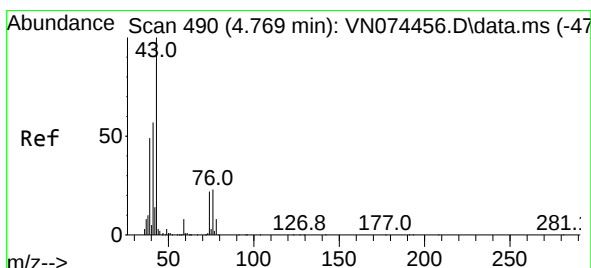
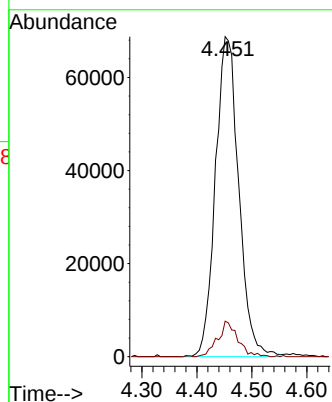
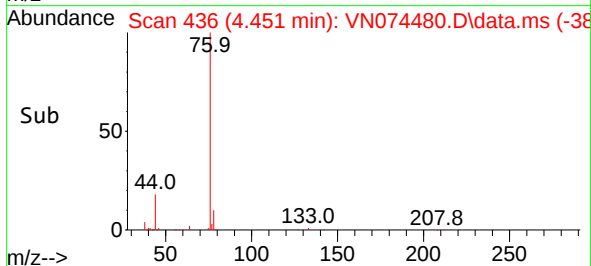
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



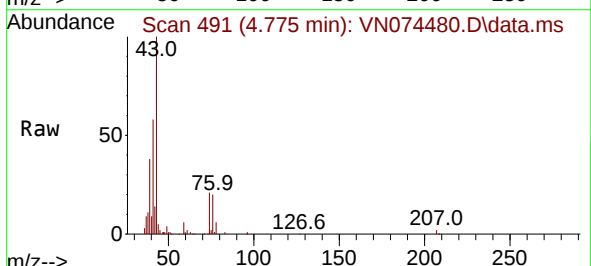
Tgt Ion: 76 Resp: 202360
Ion Ratio Lower Upper
76 100
78 11.1 7.2 10.8

Manual Integrations
APPROVED

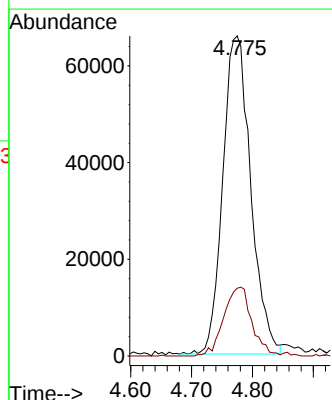
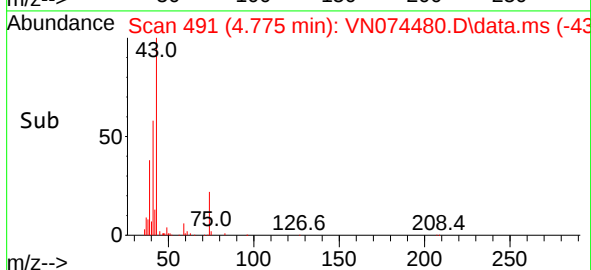
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

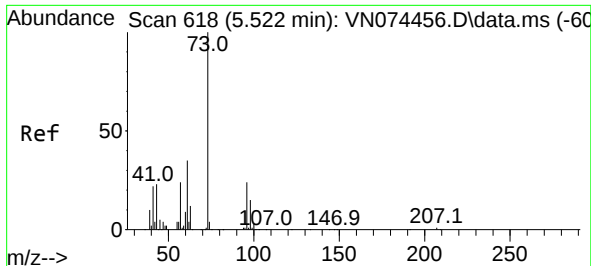


#18
Methyl Acetate
Concen: 19.009 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



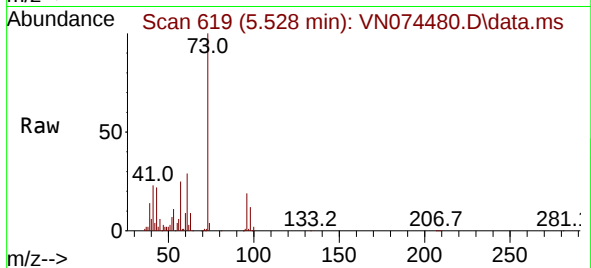
Tgt Ion: 43 Resp: 209836
Ion Ratio Lower Upper
43 100
74 21.7 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 18.285 ug/l
RT: 5.528 min Scan# 618
Delta R.T. 0.006 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

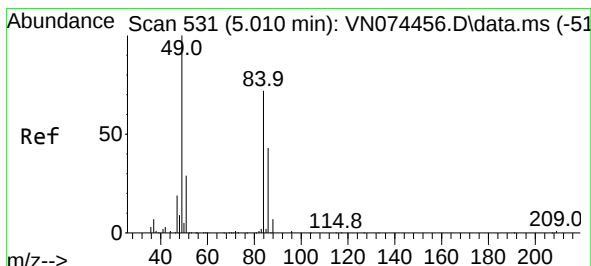
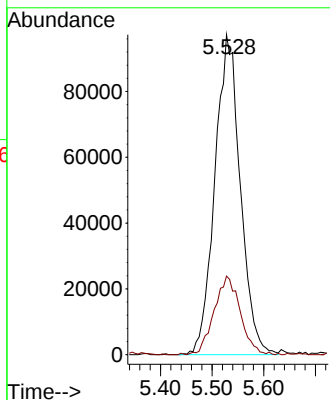
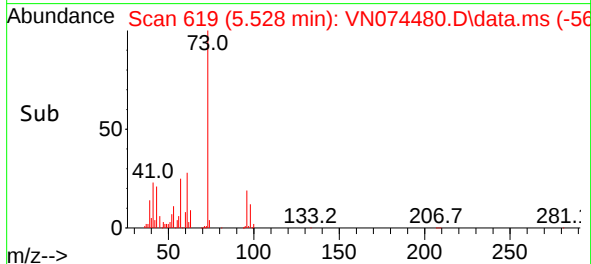
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



Tgt Ion: 73 Resp: 332238
Ion Ratio Lower Upper
73 100
57 24.6 17.6 26.4

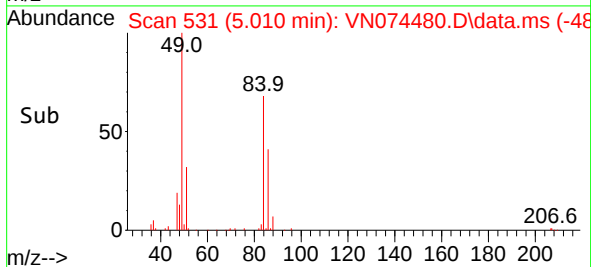
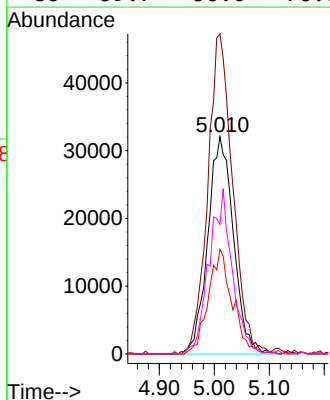
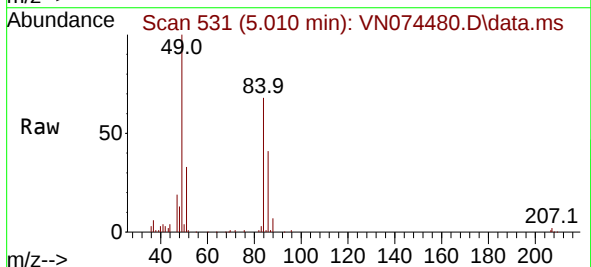
Manual Integrations
APPROVED

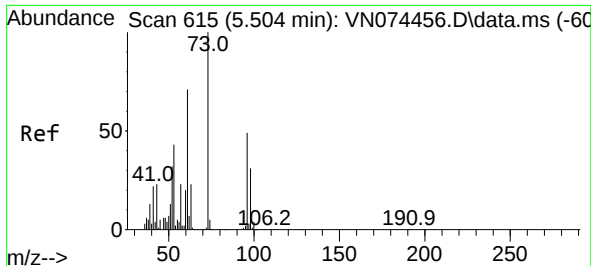
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#20
Methylene Chloride
Concen: 19.180 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

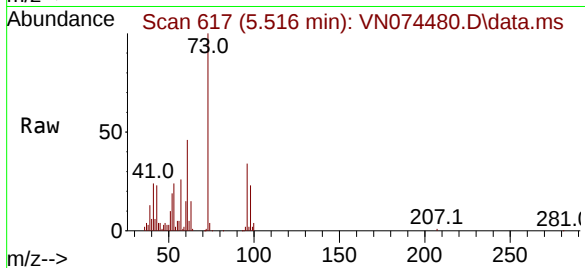
Tgt Ion: 84 Resp: 103970
Ion Ratio Lower Upper
84 100
49 147.3 88.3 132.5#
51 48.1 28.2 42.2#
86 59.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.798 ug/l
RT: 5.516 min Scan# 615
Delta R.T. 0.012 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

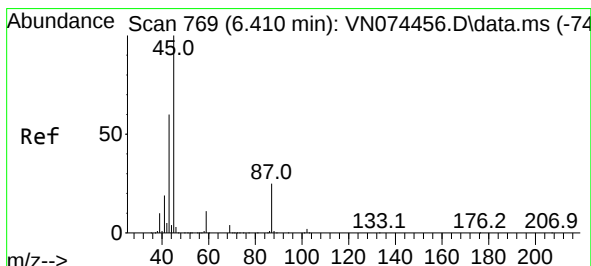
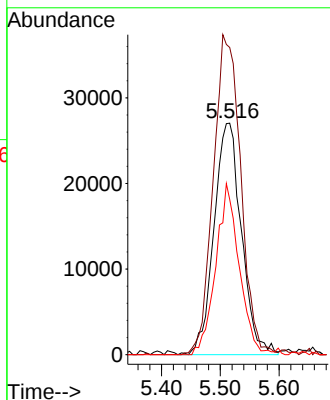
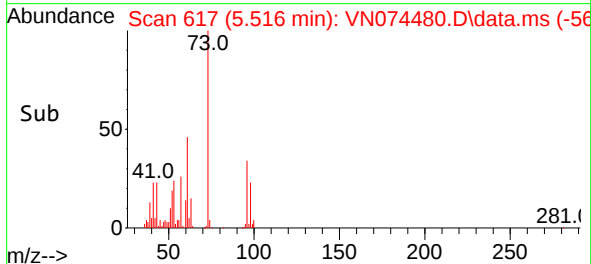
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



Tgt Ion: 96 Resp: 8773
Ion Ratio Lower Upper
96 100
61 132.7 105.8 158.8
98 67.1 50.3 75.5

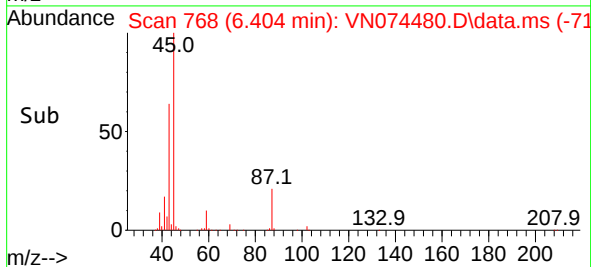
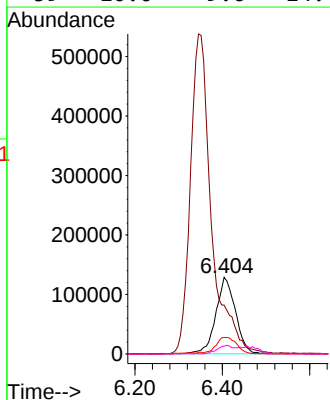
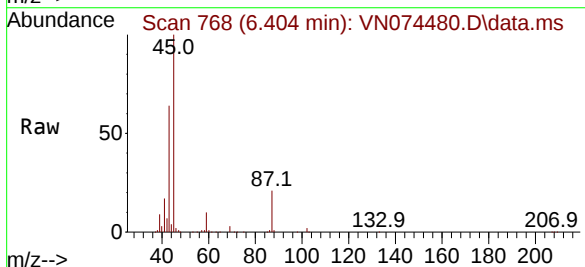
Manual Integrations
APPROVED

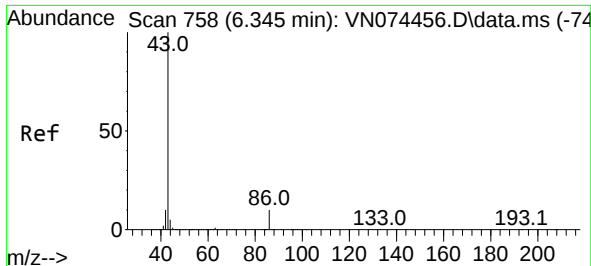
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#22
Diisopropyl ether
Concen: 19.413 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

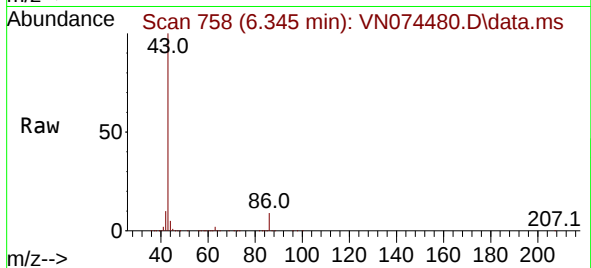
Tgt Ion: 45 Resp: 401306
Ion Ratio Lower Upper
45 100
43 62.8 46.6 70.0
87 21.3 24.3 36.5#
59 10.0 9.6 14.4





#23
 Vinyl Acetate
 Concen: 98.200 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VN074480.D
 Acq: 15 Sep 2022 23:38

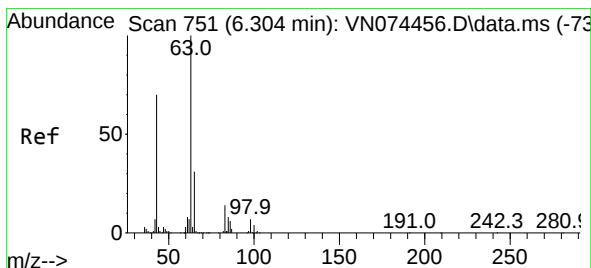
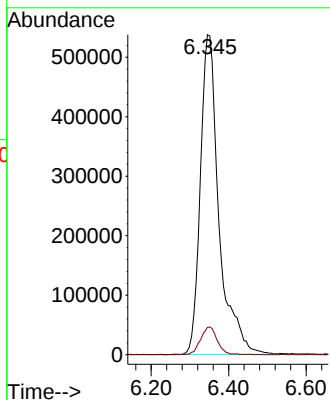
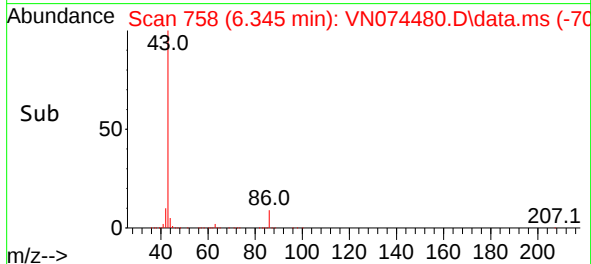
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS02



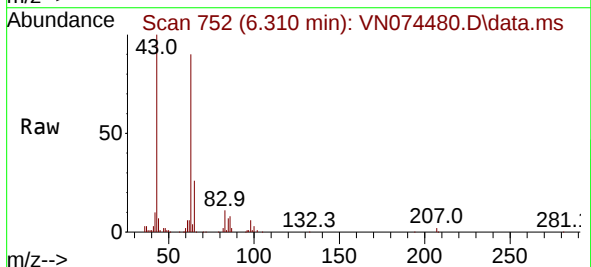
Tgt Ion: 43 Resp: 179041
 Ion Ratio Lower Upper
 43 100
 86 8.6 10.0 15.0

Manual Integrations
 APPROVED

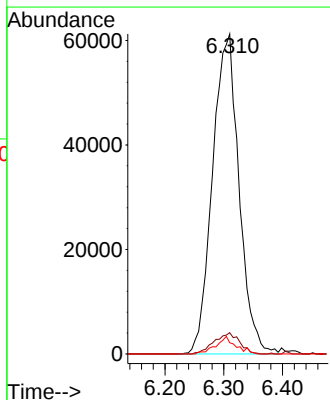
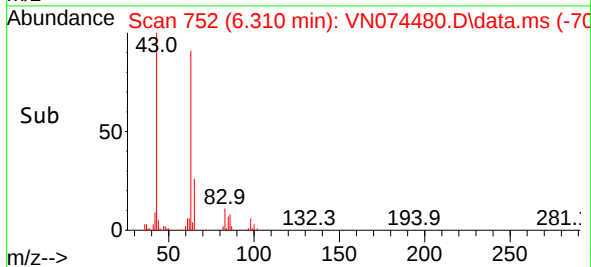
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

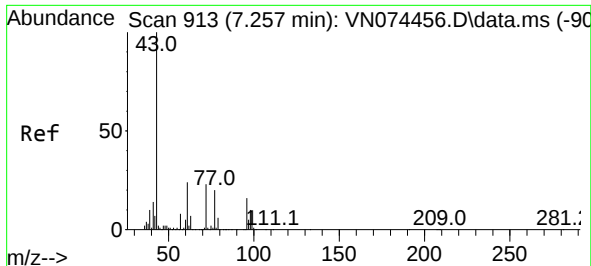


#24
 1,1-Dichloroethane
 Concen: 18.575 ug/l
 RT: 6.310 min Scan# 752
 Delta R.T. 0.006 min
 Lab File: VN074480.D
 Acq: 15 Sep 2022 23:38



Tgt Ion: 63 Resp: 191933
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 3.5 2.3 6.8





#25

2-Butanone

Concen: 101.118 ug/l

RT: 7.257 min Scan# 913

Delta R.T. 0.000 min

Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS02

Tgt Ion: 43 Resp: 59668

Ion Ratio Lower Upper

43 100

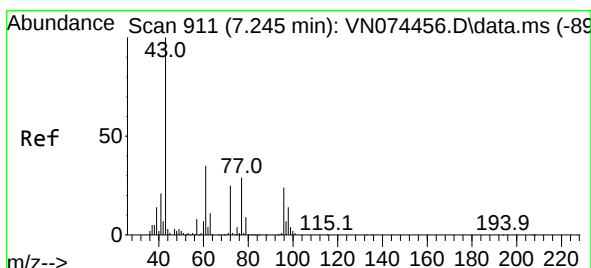
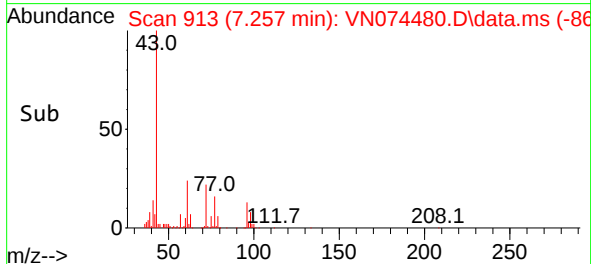
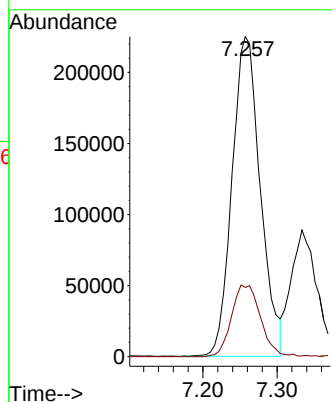
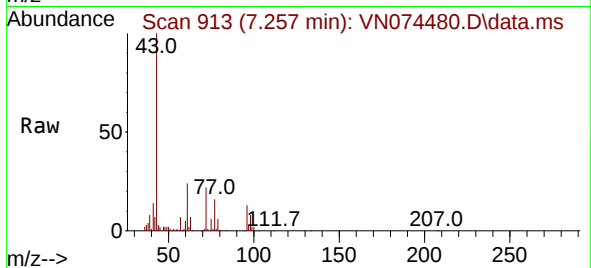
72 21.7 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#26

2,2-Dichloropropane

Concen: 13.755 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN074480.D

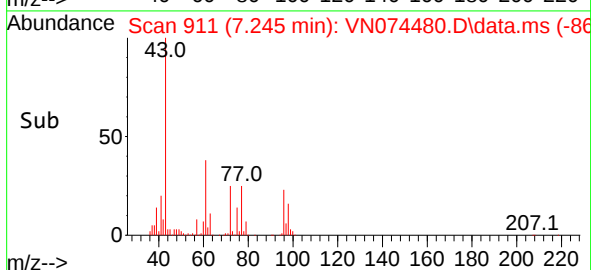
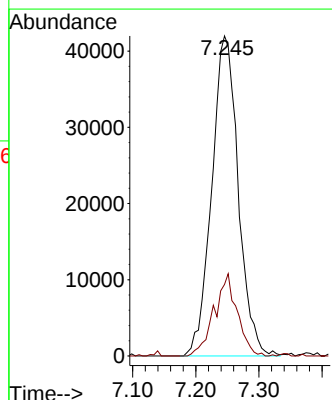
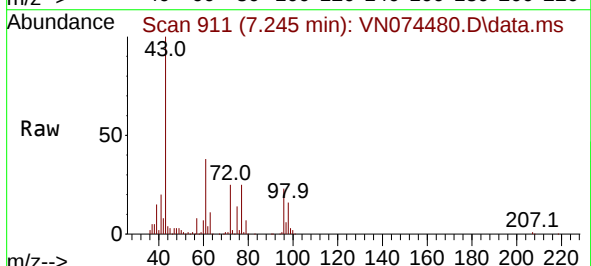
Acq: 15 Sep 2022 23:38

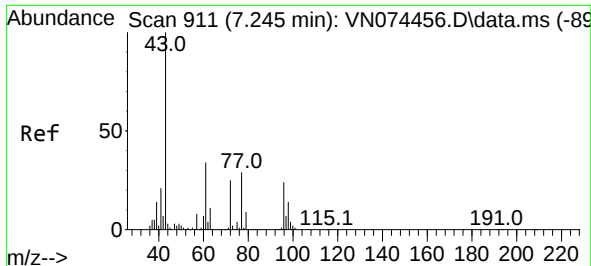
Tgt Ion: 77 Resp: 122532

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 17.496 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN074480.D

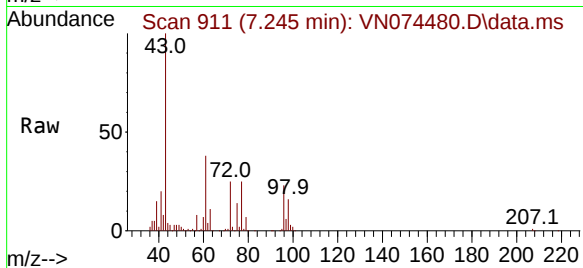
Acq: 15 Sep 2022 23:38

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS02



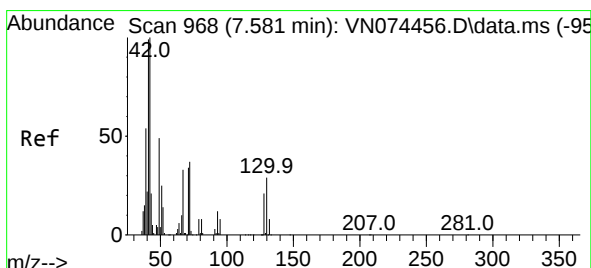
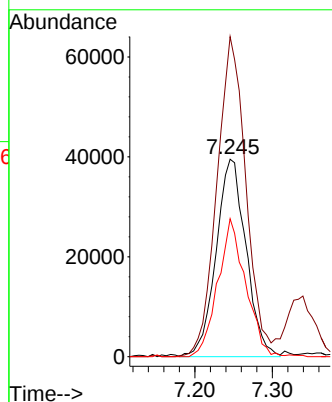
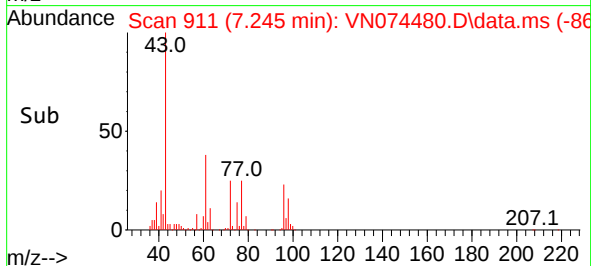
Tgt Ion:	96	Resp:	10604
Ion Ratio	Lower	Upper	
96	100		
61	156.9	0.0	280.6
98	64.8	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#28

Bromochloromethane

Concen: 19.221 ug/l

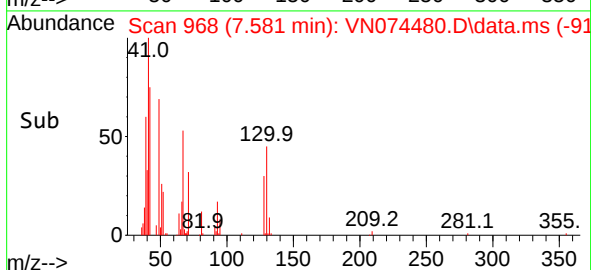
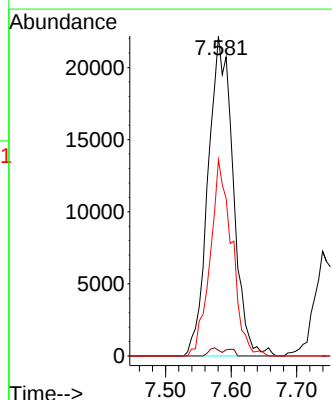
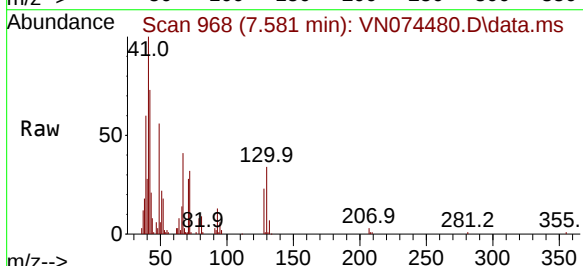
RT: 7.581 min Scan# 968

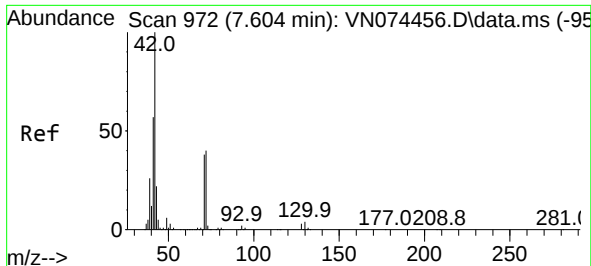
Delta R.T. -0.000 min

Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

Tgt Ion:	49	Resp:	58535
Ion Ratio	Lower	Upper	
49	100		
129	1.1	0.0	4.6
130	53.8	69.7	104.5





#29

Tetrahydrofuran

Concen: 101.424 ug/l

RT: 7.604 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS02

Tgt Ion: 42 Resp: 39349

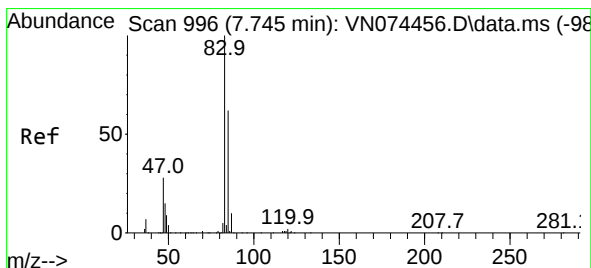
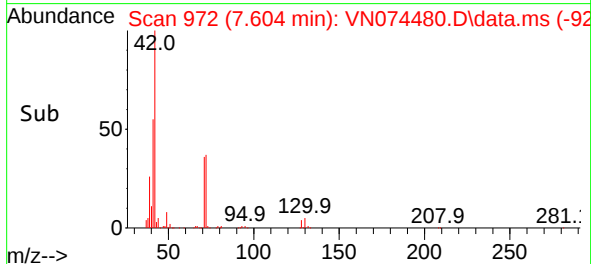
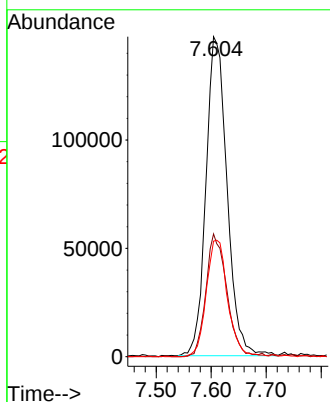
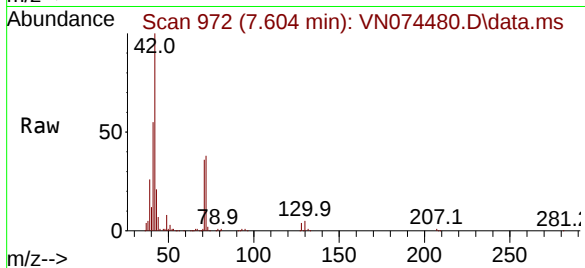
Ion	Ratio	Lower	Upper
42	100		
72	37.9	39.7	59.5
71	36.9	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#30

Chloroform

Concen: 18.568 ug/l

RT: 7.745 min Scan# 996

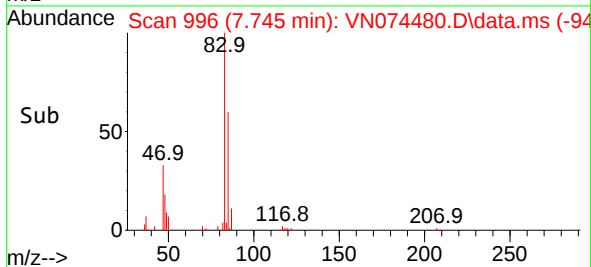
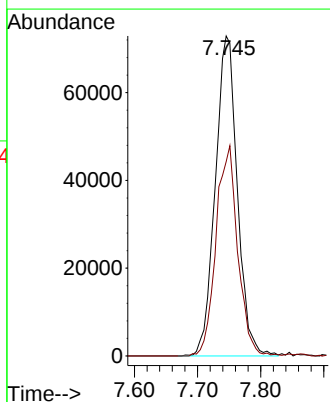
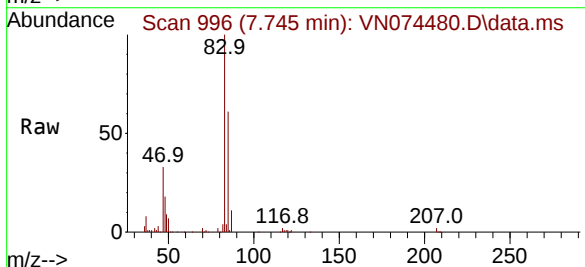
Delta R.T. 0.000 min

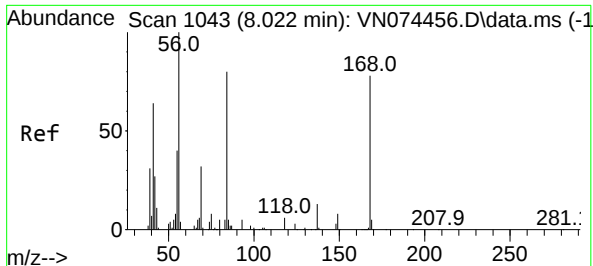
Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

Tgt Ion: 83 Resp: 177084

Ion	Ratio	Lower	Upper
83	100		
85	60.8	51.8	77.8





#31

Cyclohexane

Concen: 18.665 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS02

Tgt Ion: 56 Resp: 184009

Ion Ratio Lower Upper

56 100

69 37.8 27.8 41.8

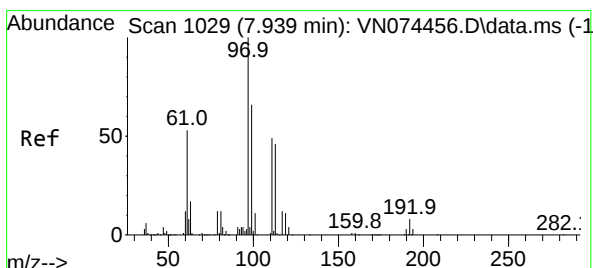
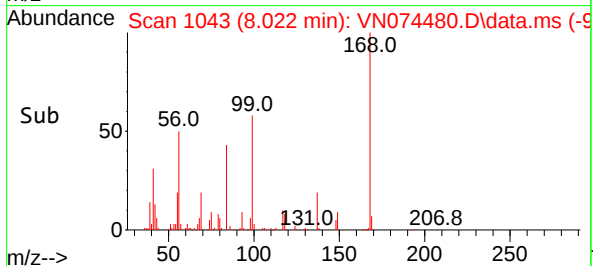
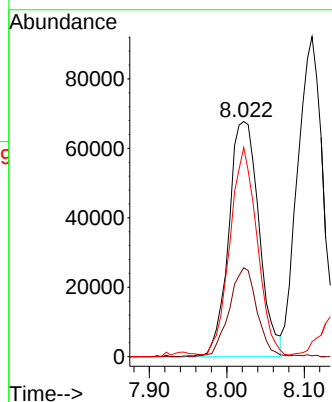
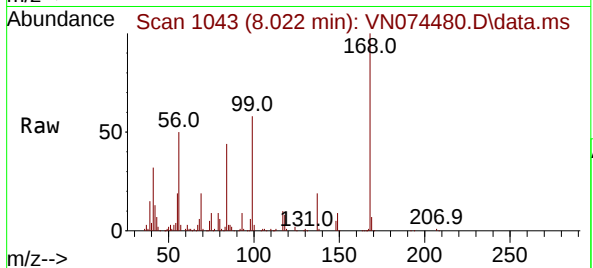
84 87.0 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#32

1,1,1-Trichloroethane

Concen: 17.524 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

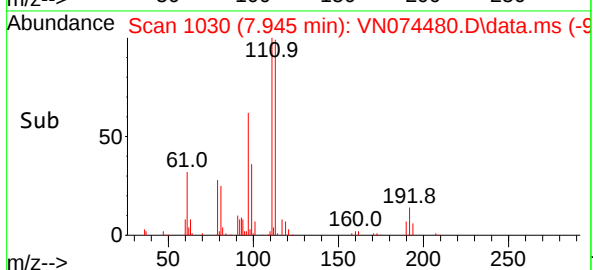
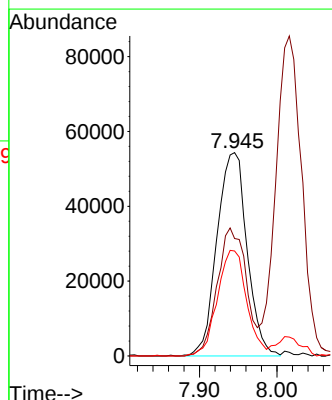
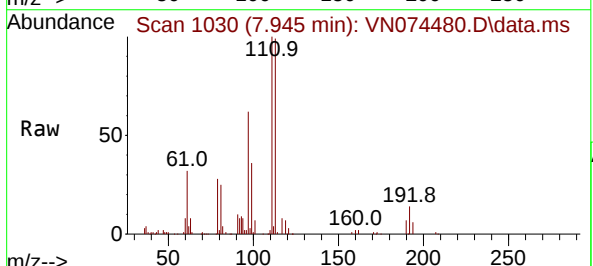
Tgt Ion: 97 Resp: 146579

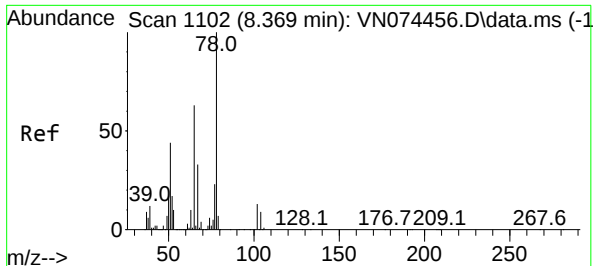
Ion Ratio Lower Upper

97 100

99 60.7 50.6 76.0

61 50.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.216 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS02

Tgt Ion: 65 Resp: 284462

Ion Ratio Lower Upper

65 100

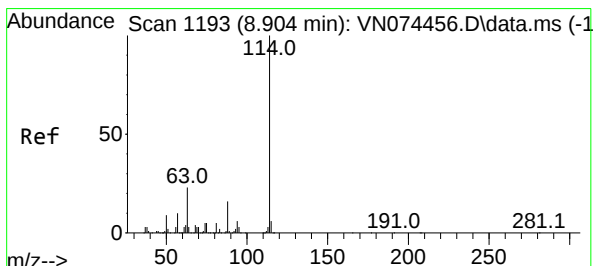
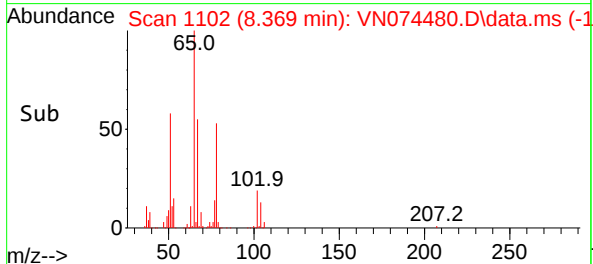
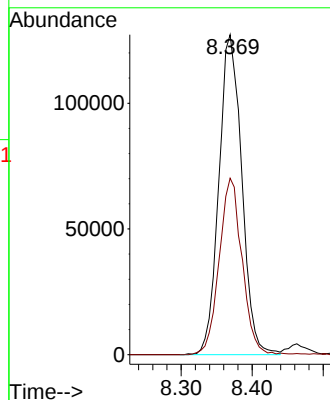
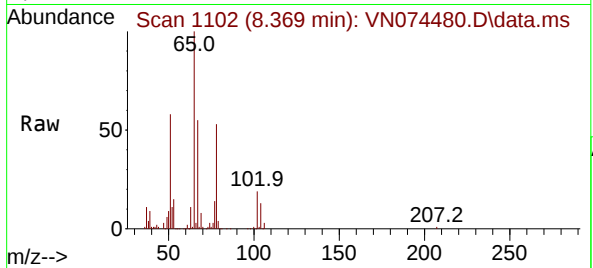
67 55.1 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

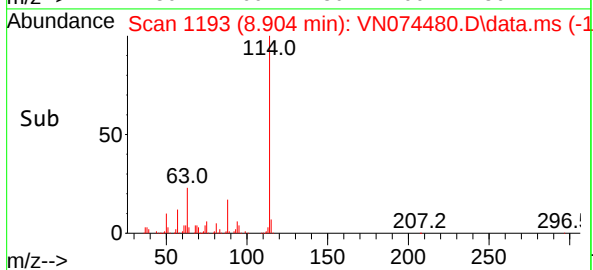
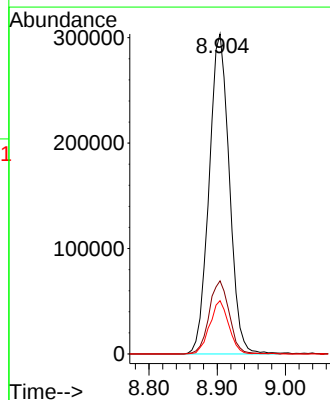
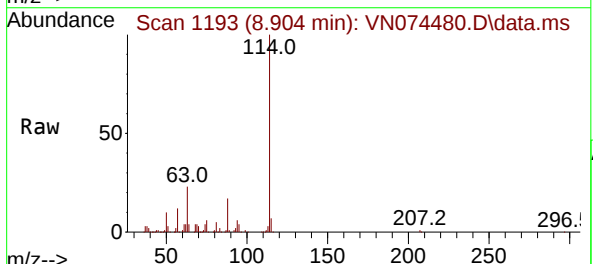
Tgt Ion:114 Resp: 626823

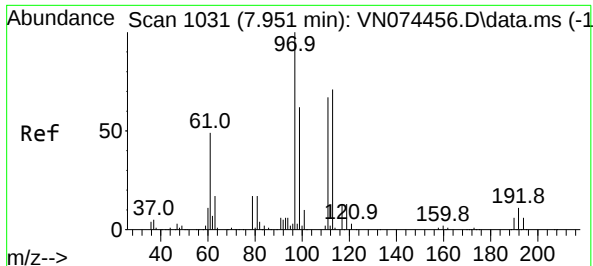
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

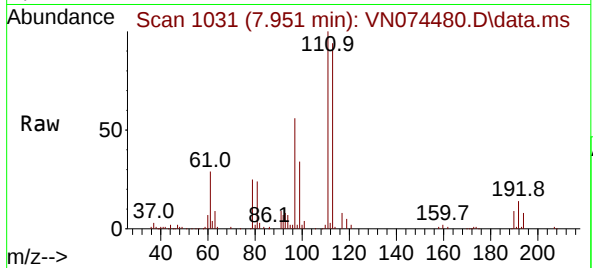
88 16.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 52.754 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

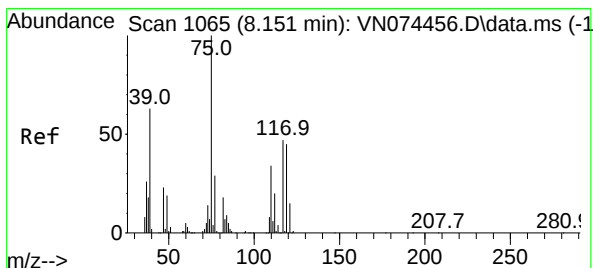
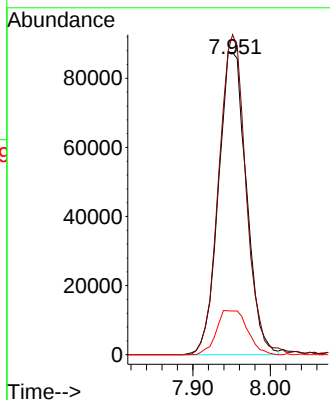
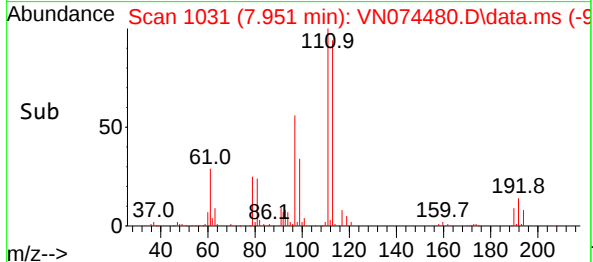
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



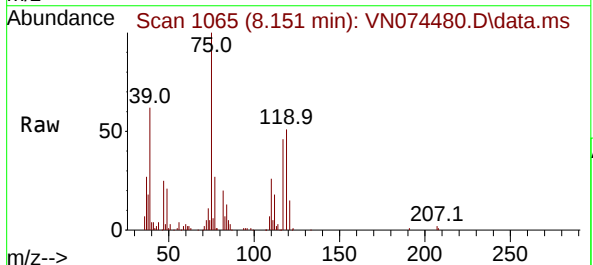
Tgt Ion: 113 Resp: 21966
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 16.1 17.0 25.6

Manual Integrations
APPROVED

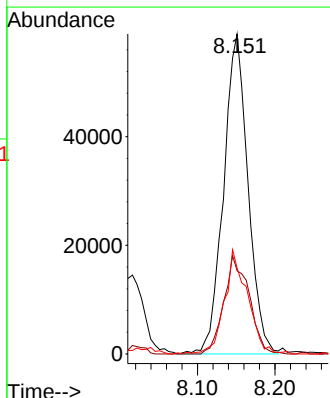
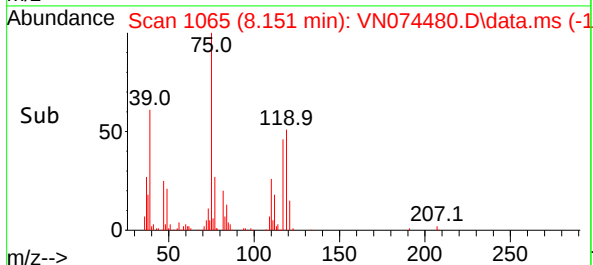
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

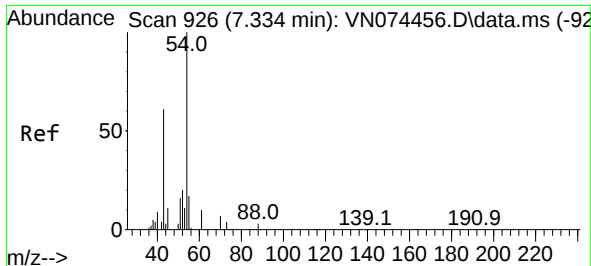


#36
1,1-Dichloropropene
Concen: 17.572 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



Tgt Ion: 75 Resp: 129508
Ion Ratio Lower Upper
75 100
110 31.5 18.3 54.8
77 30.8 25.1 37.7





#37

Ethyl Acetate

Concen: 19.431 ug/l

RT: 7.334 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS02

Tgt Ion: 43 Resp: 221170

Ion Ratio Lower Upper

43 100

61 13.0 11.8 17.6

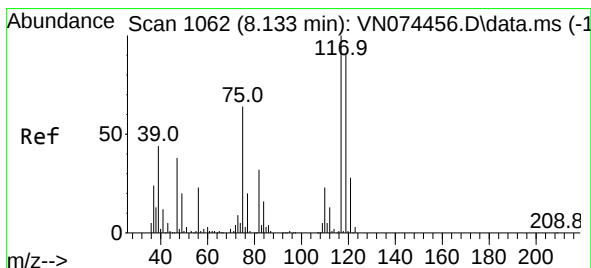
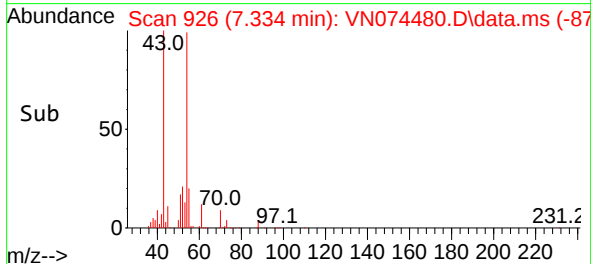
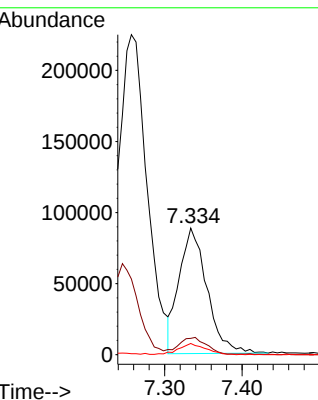
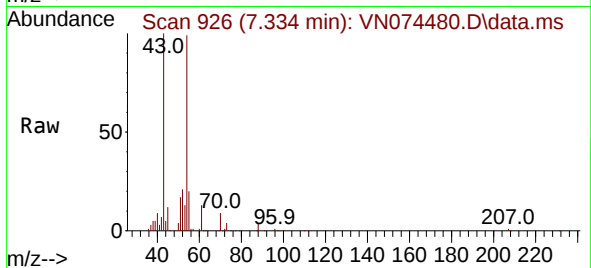
70 8.5 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#38

Carbon Tetrachloride

Concen: 17.738 ug/l

RT: 8.128 min Scan# 1061

Delta R.T. -0.005 min

Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

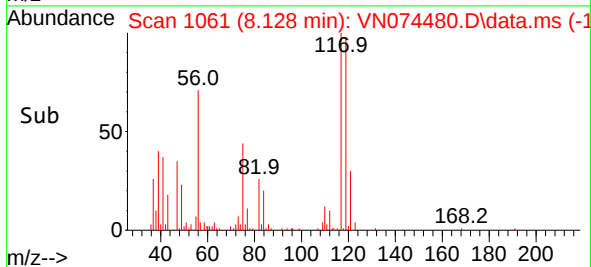
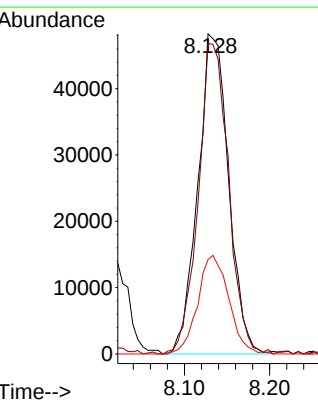
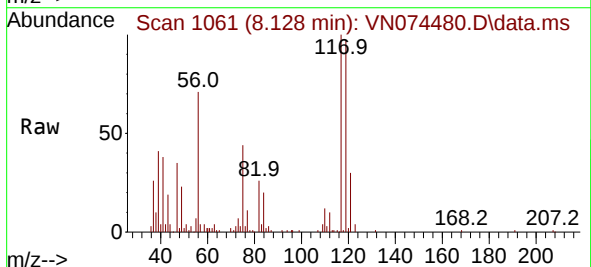
Tgt Ion:117 Resp: 120703

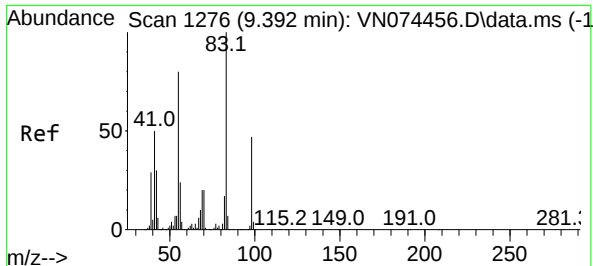
Ion Ratio Lower Upper

117 100

119 96.1 75.8 113.8

121 29.2 24.6 37.0





#39

Methylcyclohexane

Concen: 18.159 ug/l

RT: 9.398 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN074480.D

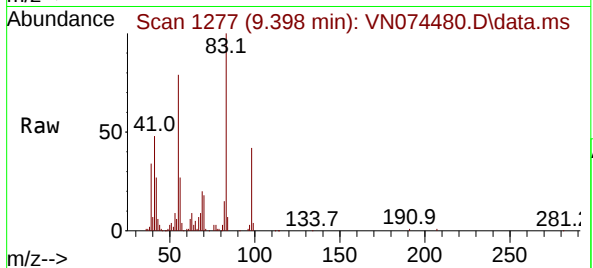
Acq: 15 Sep 2022 23:38

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS02



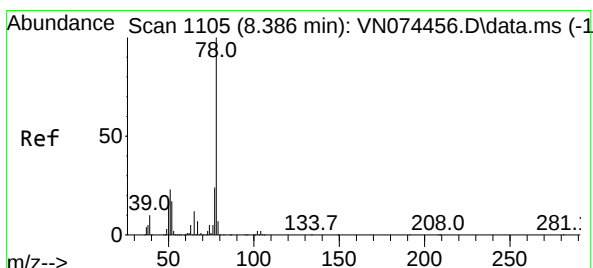
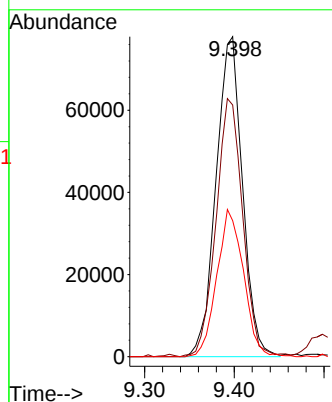
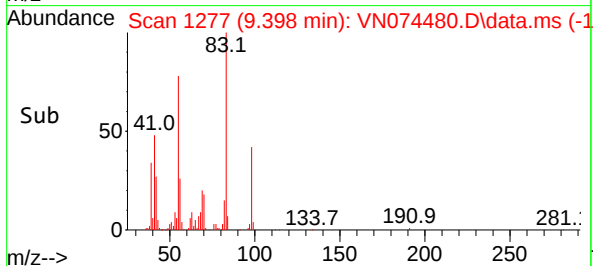
Tgt Ion:	83	Resp:	159140
Ion Ratio	Lower	Upper	
83	100		
55	78.6	57.8	86.8
98	42.5	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#40

Benzene

Concen: 18.690 ug/l

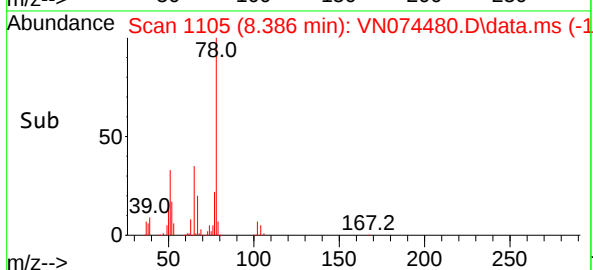
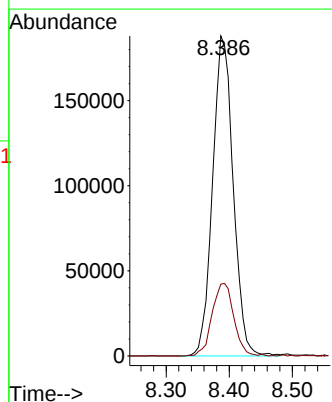
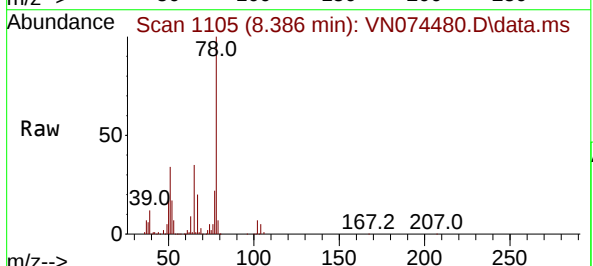
RT: 8.386 min Scan# 1105

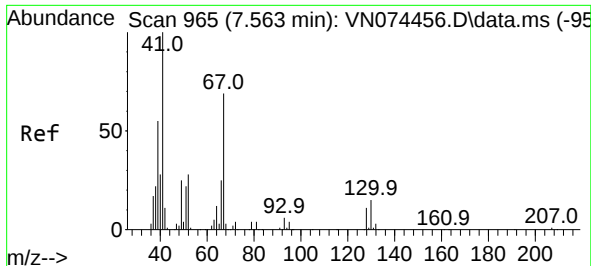
Delta R.T. 0.000 min

Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

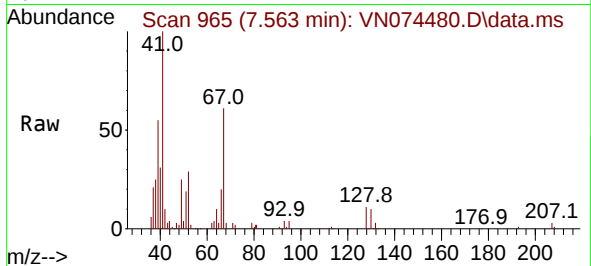
Tgt Ion:	78	Resp:	425951
Ion Ratio	Lower	Upper	
78	100		
77	22.5	19.4	29.0





#41
Methacrylonitrile
Concen: 20.688 ug/l
RT: 7.563 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

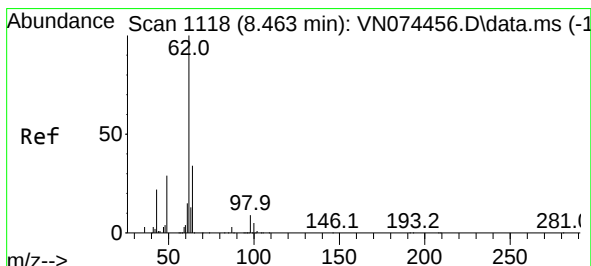
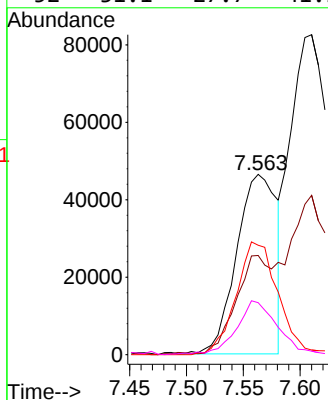
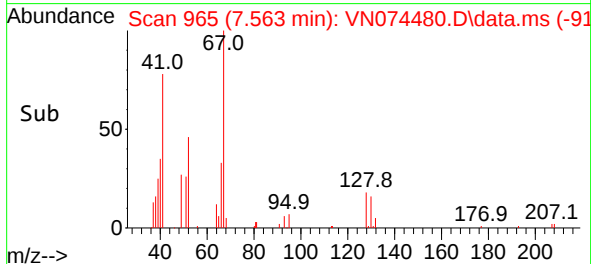
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



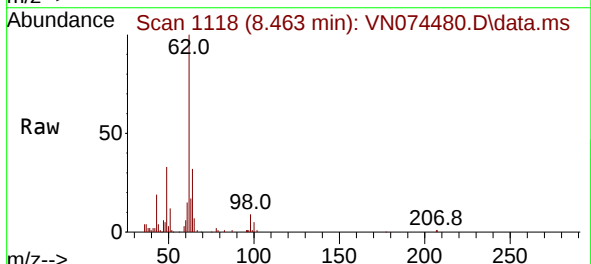
Tgt Ion: 41 Resp: 113844
Ion Ratio Lower Upper
41 100
39 47.1 48.6 73.0
67 65.9 73.4 110.2
52 31.1 27.7 41.5

Manual Integrations
APPROVED

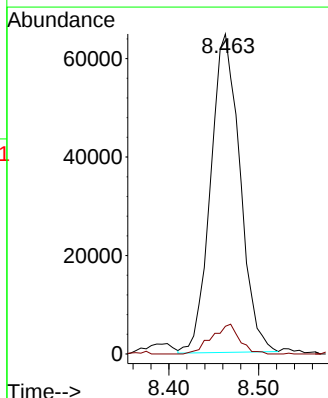
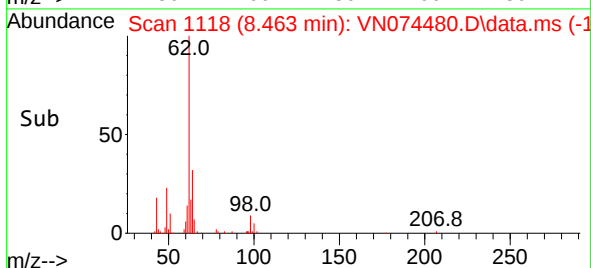
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

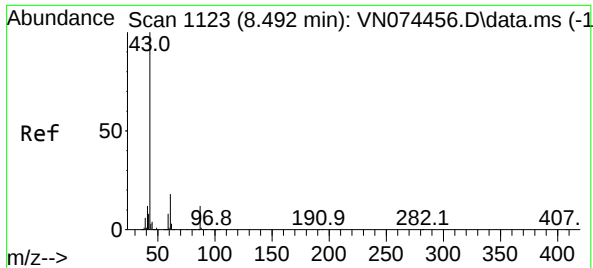


#42
1,2-Dichloroethane
Concen: 18.811 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



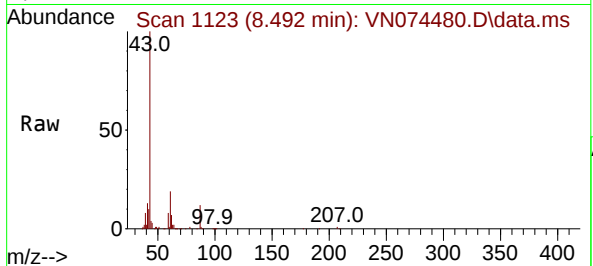
Tgt Ion: 62 Resp: 147121
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 19.870 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

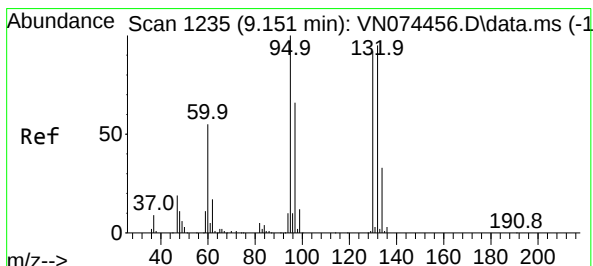
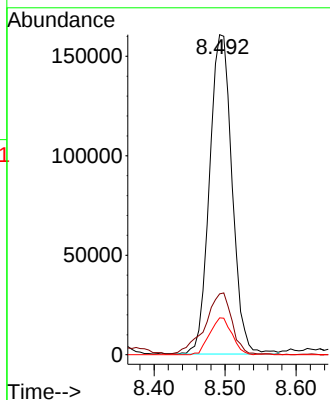
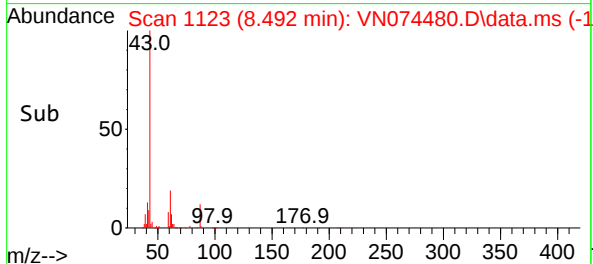
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



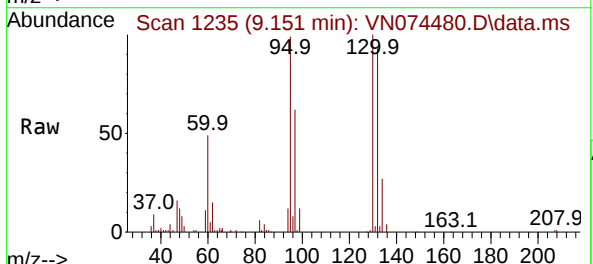
Tgt Ion: 43 Resp: 35425
Ion Ratio Lower Upper
43 100
61 23.3 21.9 32.9
87 11.4 12.0 18.0

Manual Integrations
APPROVED

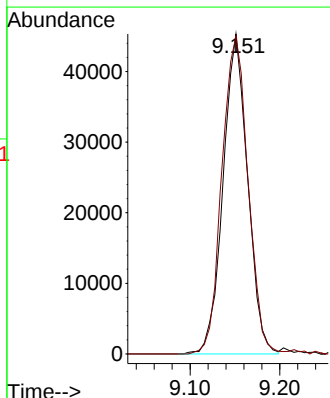
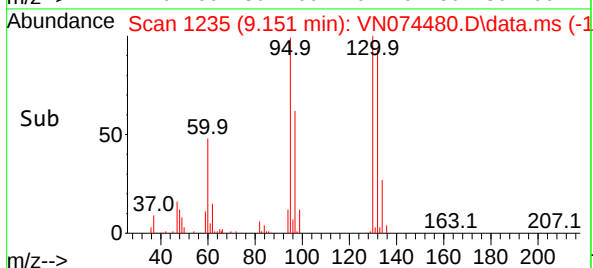
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

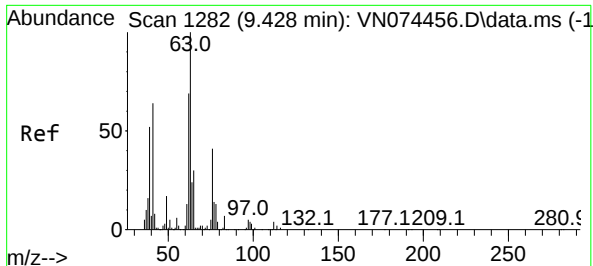


#44
Trichloroethene
Concen: 17.445 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



Tgt Ion:130 Resp: 86033
Ion Ratio Lower Upper
130 100
95 99.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.120 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS02

Tgt Ion: 63 Resp: 119758

Ion Ratio Lower Upper

63 100

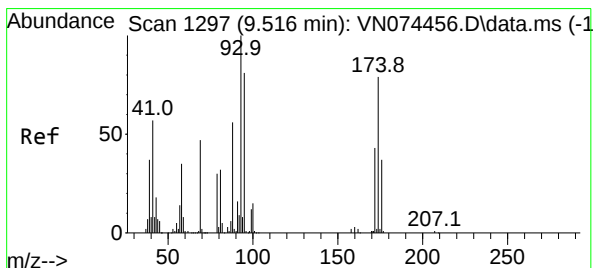
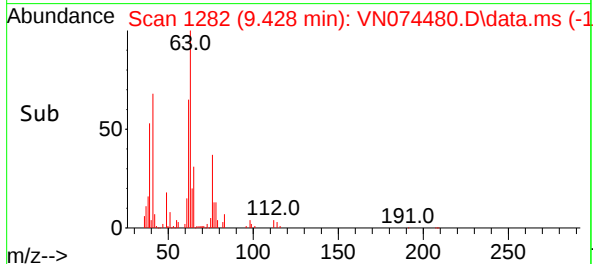
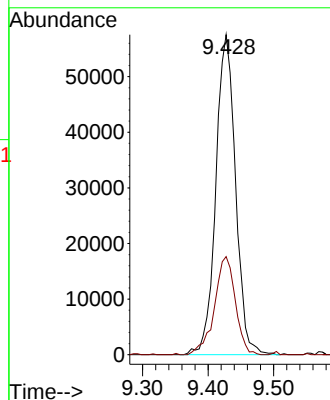
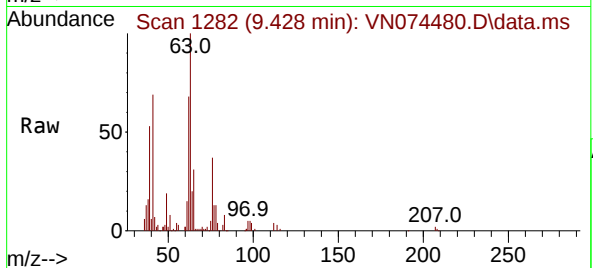
65 30.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#46

Dibromomethane

Concen: 17.669 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

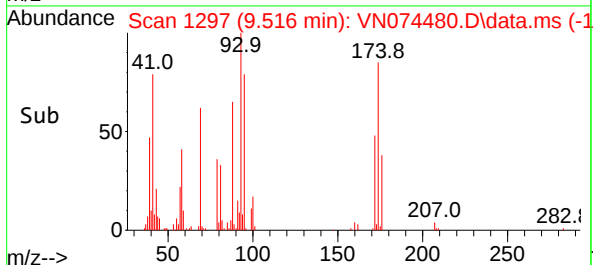
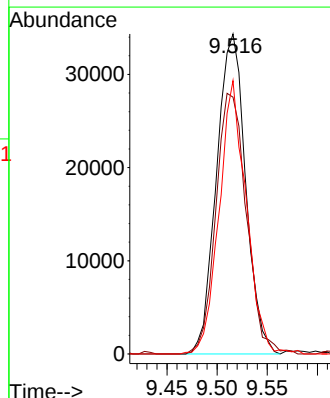
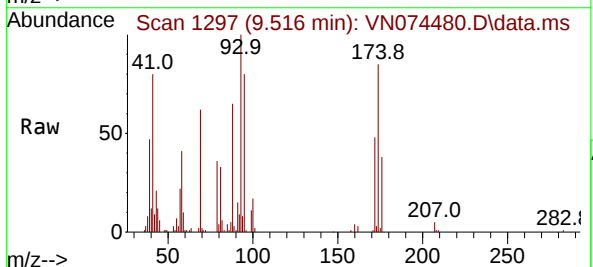
Tgt Ion: 93 Resp: 69313

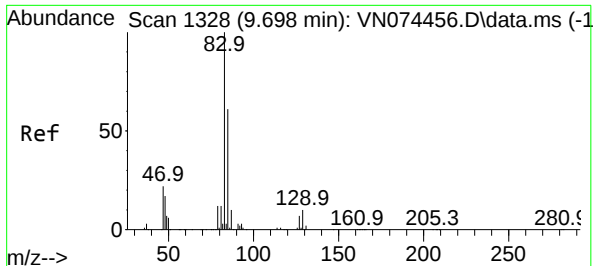
Ion Ratio Lower Upper

93 100

95 85.5 66.9 100.3

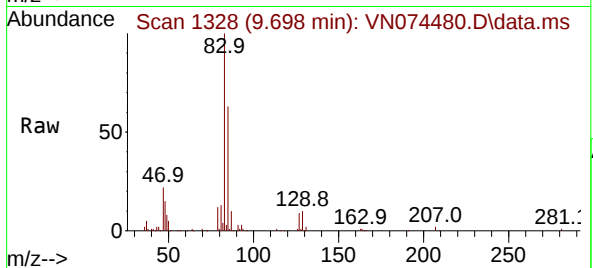
174 79.8 86.6 130.0





#47
Bromodichloromethane
Concen: 19.040 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

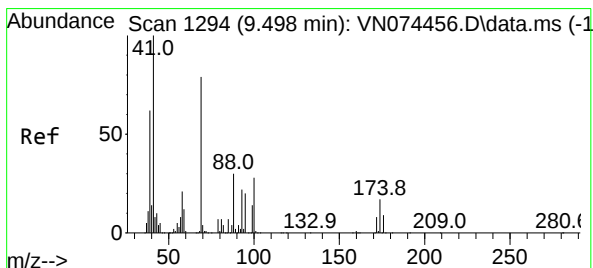
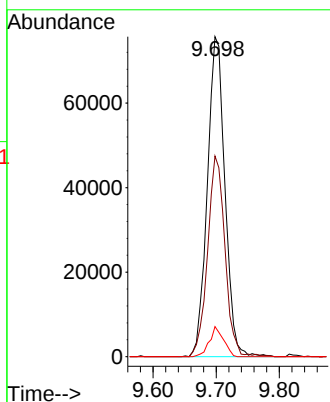
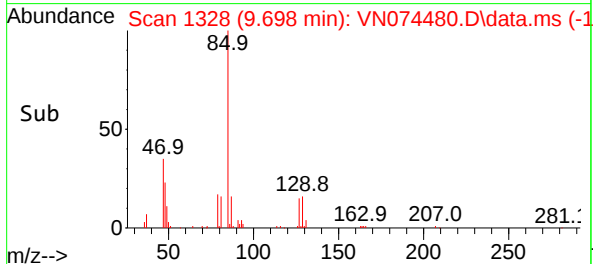
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



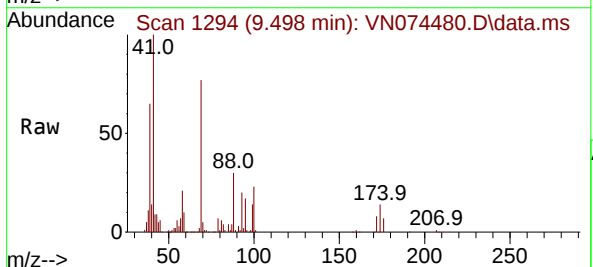
Tgt Ion: 83 Resp: 14643
Ion Ratio Lower Upper
83 100
85 62.7 50.5 75.7
127 9.4 6.8 10.2

Manual Integrations
APPROVED

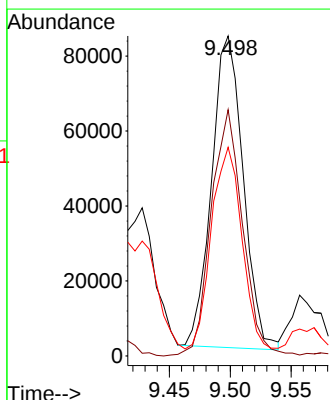
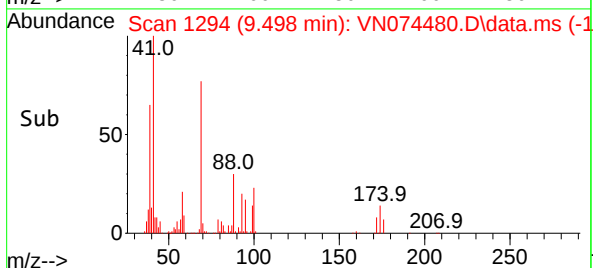
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

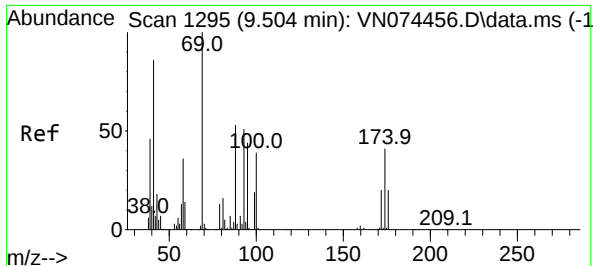


#48
Methyl methacrylate
Concen: 18.961 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



Tgt Ion: 41 Resp: 149895
Ion Ratio Lower Upper
41 100
69 79.0 74.7 112.1
39 67.0 45.6 68.4





#49

1,4-Dioxane

Concen: 401.533 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS02

Tgt Ion: 88 Resp: 61028

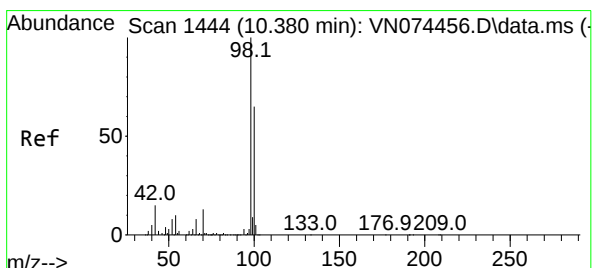
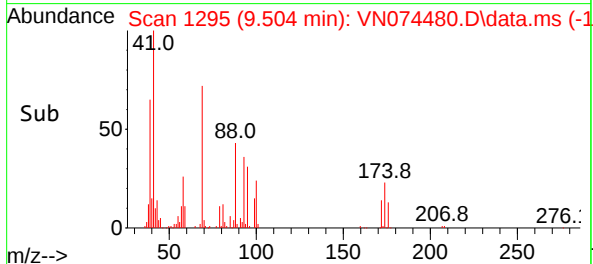
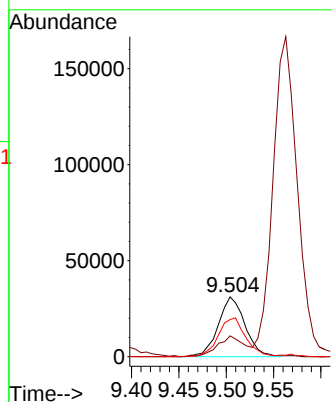
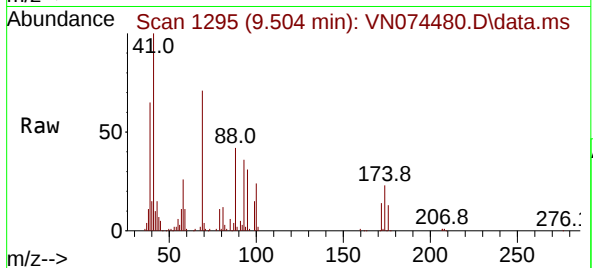
Ion	Ratio	Lower	Upper
88	100		
43	35.3	20.2	30.4
58	66.6	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#50

Toluene-d8

Concen: 52.349 ug/l

RT: 10.380 min Scan# 1444

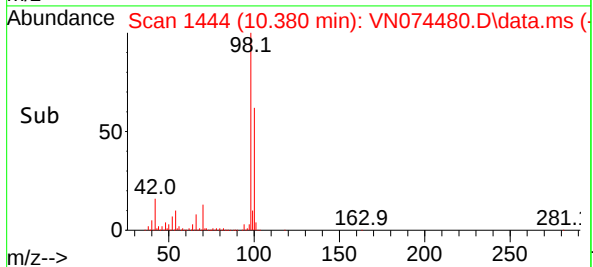
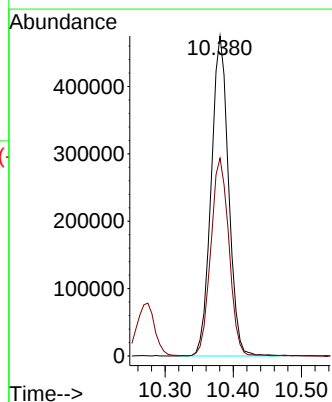
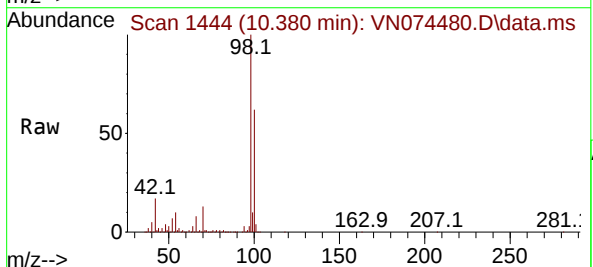
Delta R.T. 0.000 min

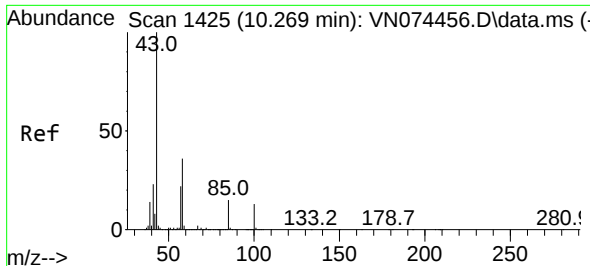
Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

Tgt Ion: 98 Resp: 842996

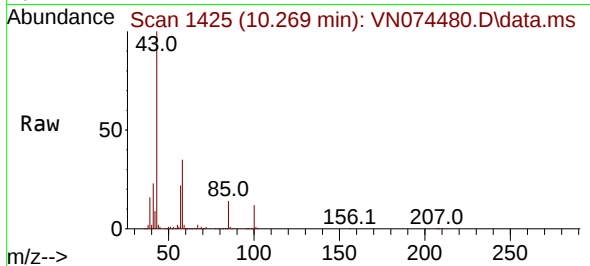
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 102.585 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

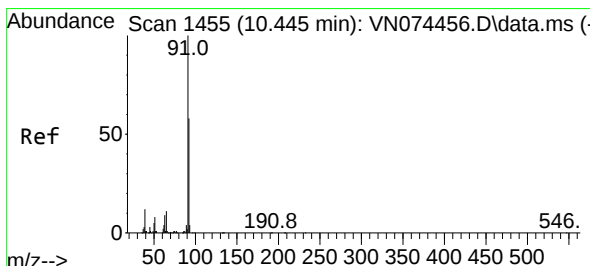
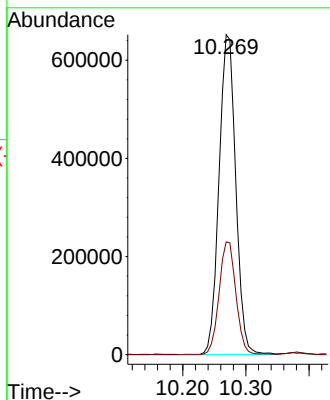
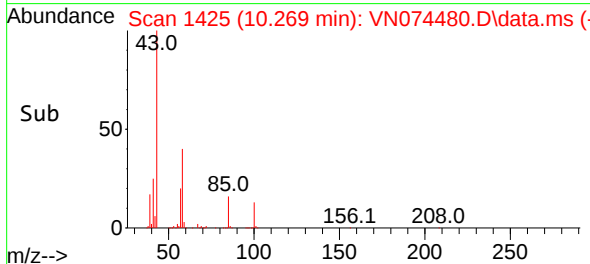
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



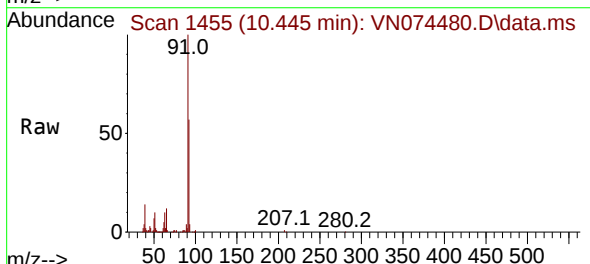
Tgt Ion: 43 Resp: 1194350
Ion Ratio Lower Upper
43 100
58 35.7 34.1 51.1

Manual Integrations
APPROVED

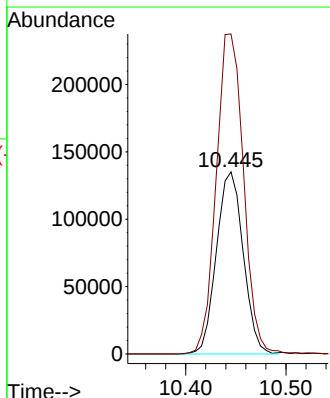
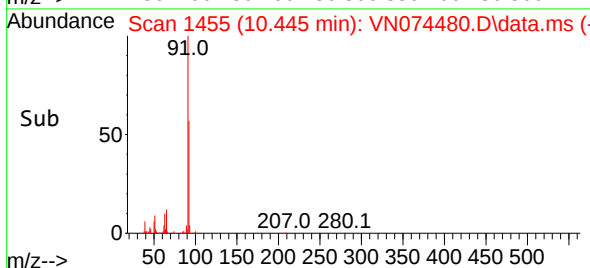
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

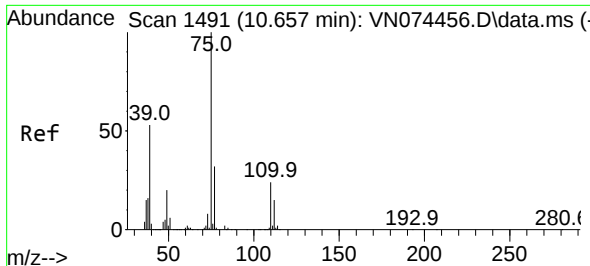


#52
Toluene
Concen: 18.788 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



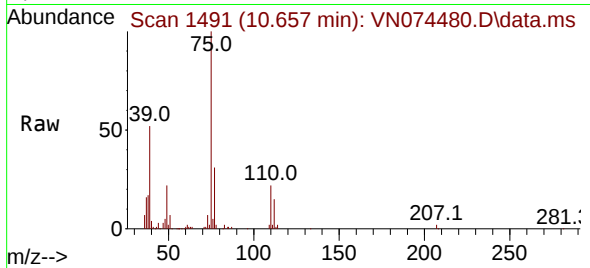
Tgt Ion: 92 Resp: 251093
Ion Ratio Lower Upper
92 100
91 179.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 18.003 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

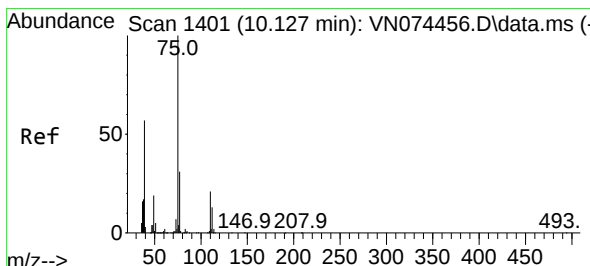
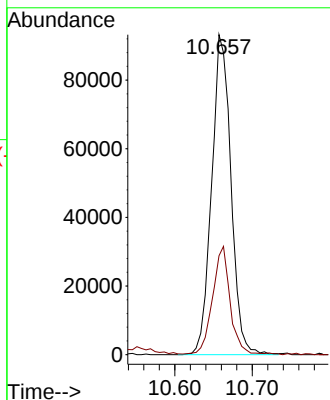
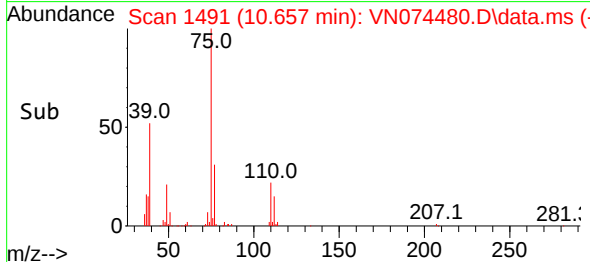
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



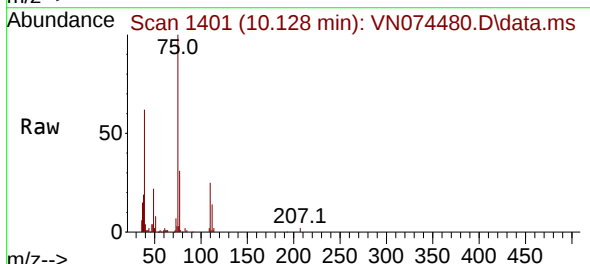
Tgt Ion: 75 Resp: 161370
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4

Manual Integrations
APPROVED

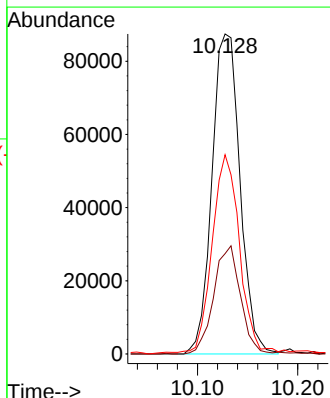
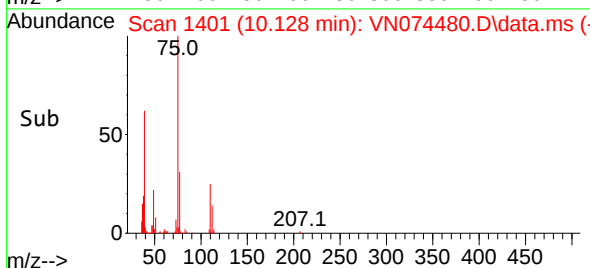
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

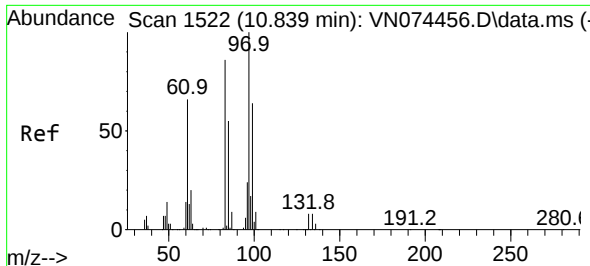


#54
cis-1,3-Dichloropropene
Concen: 17.713 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.001 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



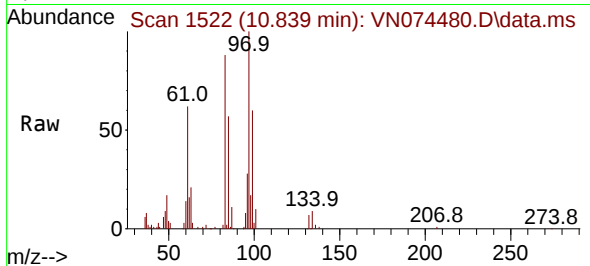
Tgt Ion: 75 Resp: 169904
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 61.6 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 19.206 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02

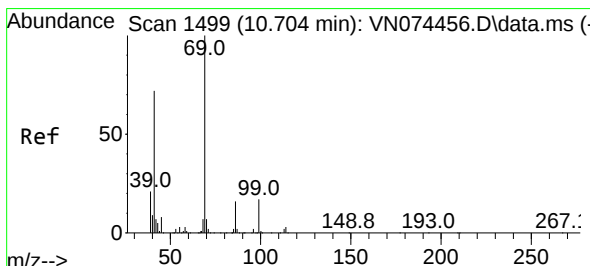
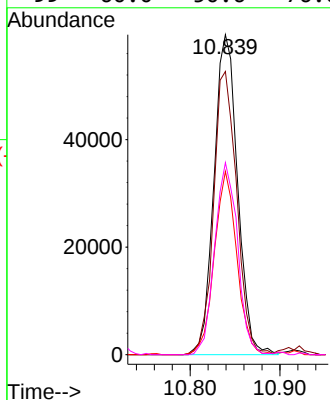
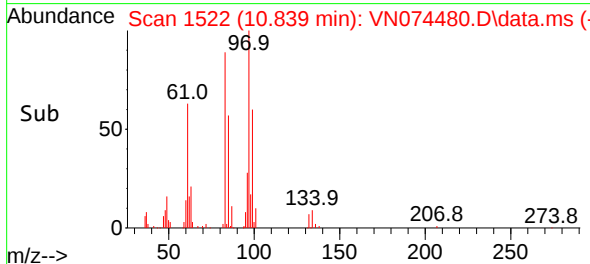


Tgt Ion: 97 Resp: 10872

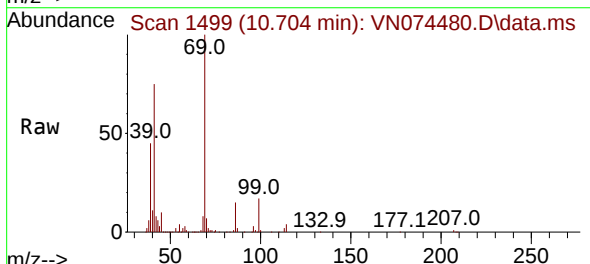
Ion	Ratio	Lower	Upper
97	100		
83	88.5	66.2	99.4
85	57.2	43.9	65.9
99	60.0	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

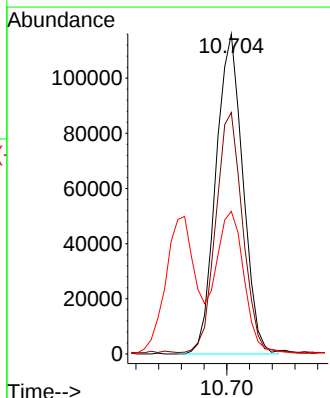
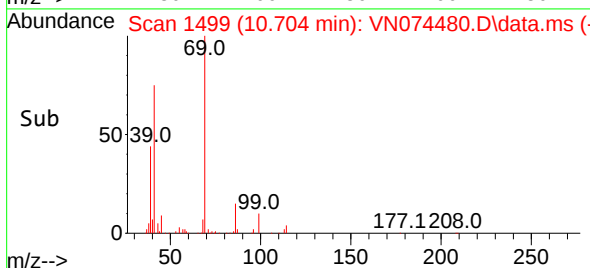


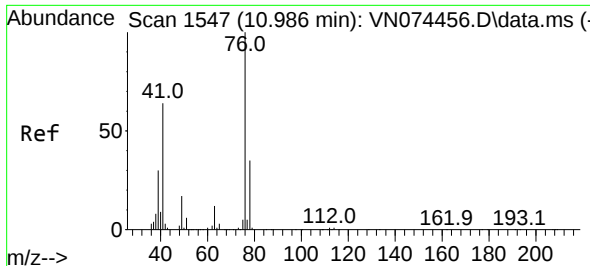
#56
Ethyl methacrylate
Concen: 18.934 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



Tgt Ion: 69 Resp: 191458

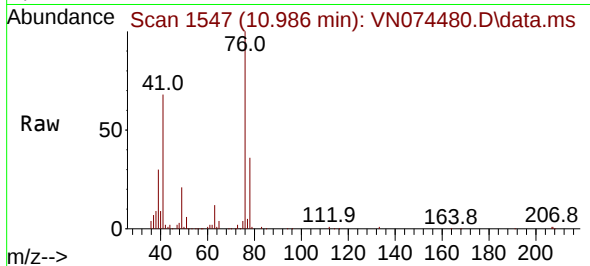
Ion	Ratio	Lower	Upper
69	100		
41	74.8	47.8	71.6#
39	46.0	27.3	40.9#





#57
1,3-Dichloropropane
Concen: 18.839 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

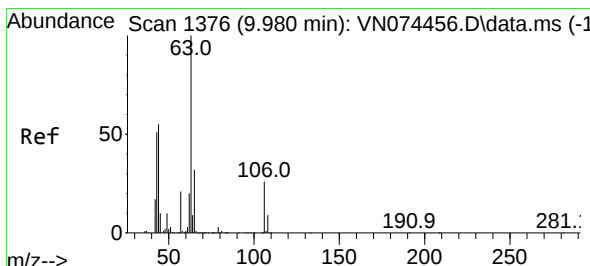
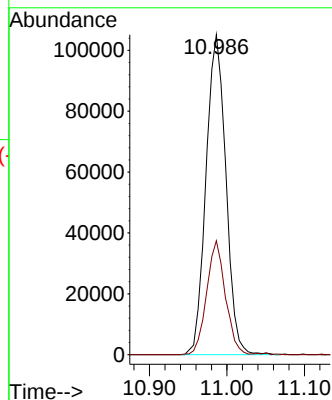
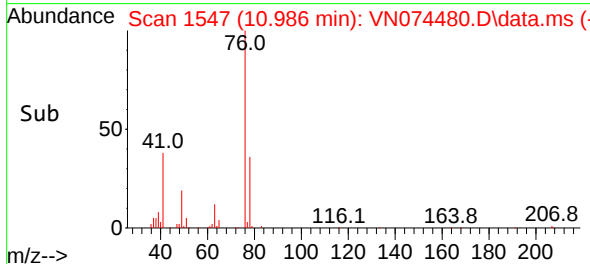
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



Tgt Ion: 76 Resp: 186980
Ion Ratio Lower Upper
76 100
78 33.7 26.2 39.2

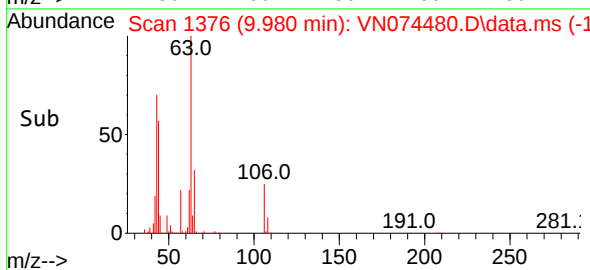
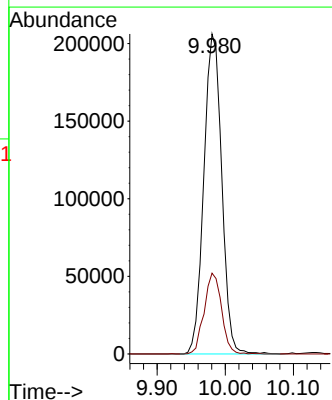
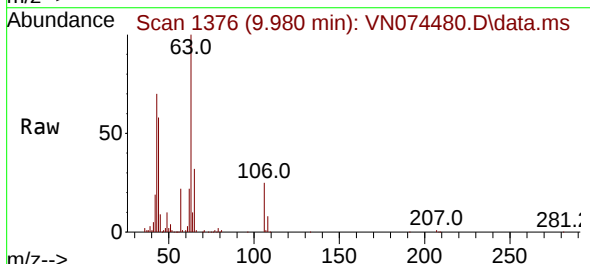
Manual Integrations
APPROVED

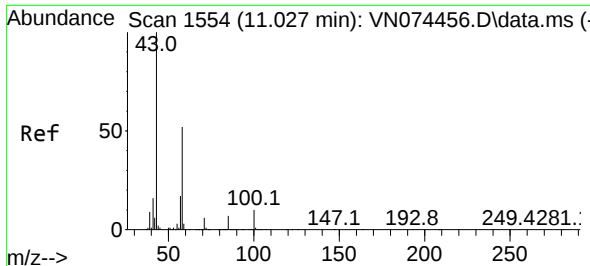
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#58
2-Chloroethyl Vinyl ether
Concen: 84.533 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

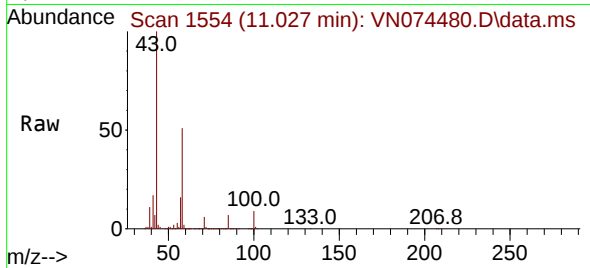
Tgt Ion: 63 Resp: 376193
Ion Ratio Lower Upper
63 100
106 24.5 24.6 36.8





#59
2-Hexanone
Concen: 103.191 ug/l
RT: 11.027 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

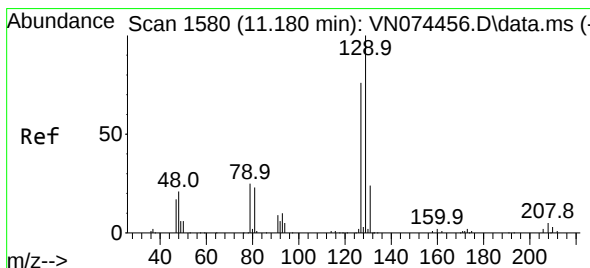
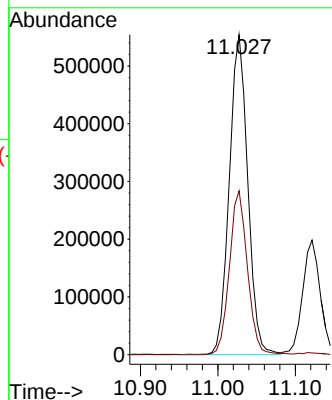
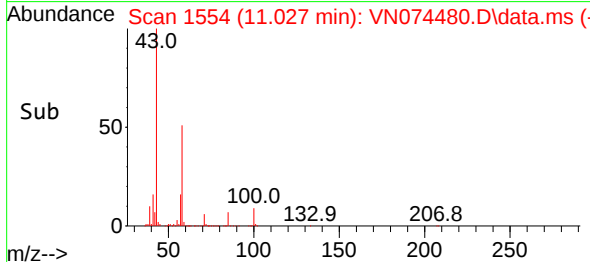
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



Tgt Ion: 43 Resp: 91714
Ion Ratio Lower Upper
43 100
58 50.2 29.7 89.1

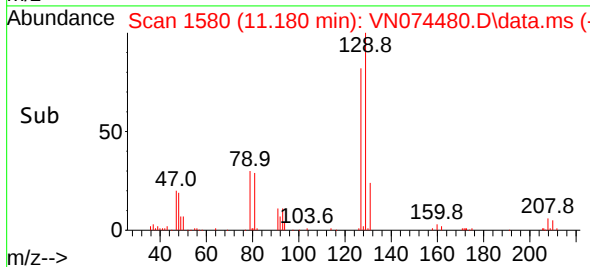
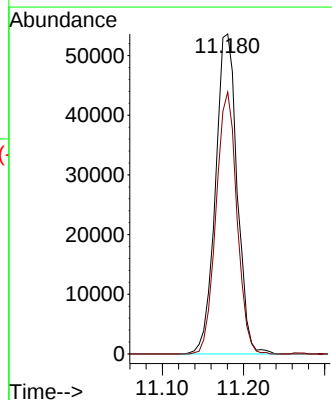
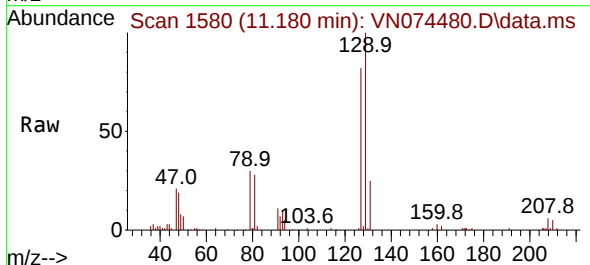
Manual Integrations
APPROVED

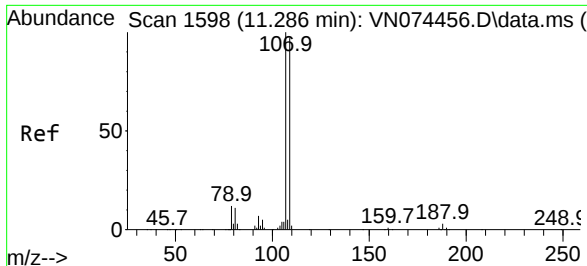
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#60
Dibromochloromethane
Concen: 18.391 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

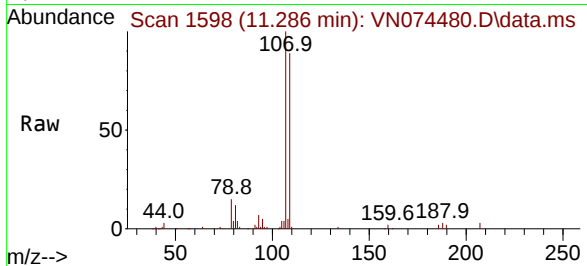
Tgt Ion:129 Resp: 99666
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.488 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

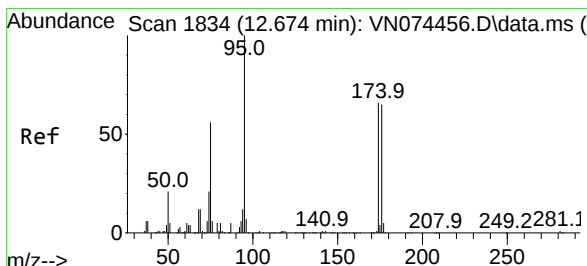
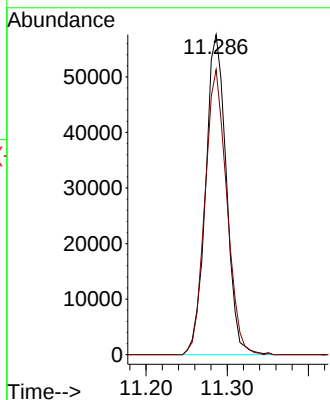
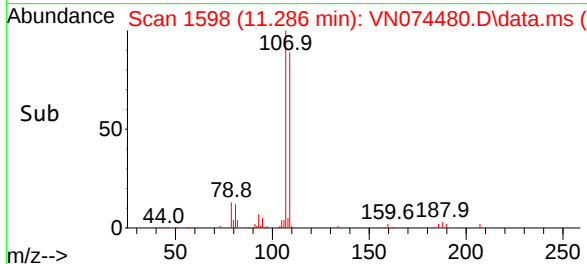
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



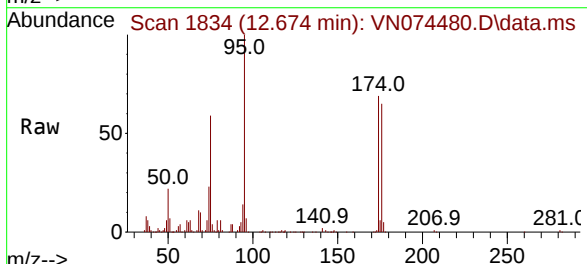
Tgt Ion:107 Resp: 101679
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.6

Manual Integrations
APPROVED

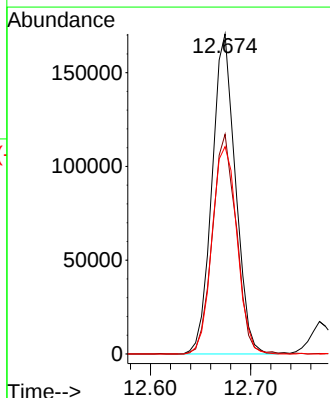
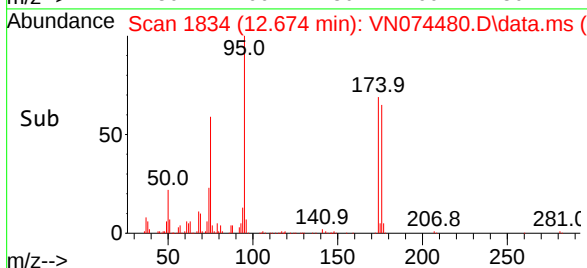
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

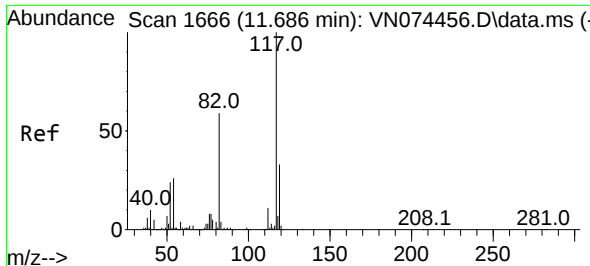


#62
4-Bromofluorobenzene
Concen: 50.257 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



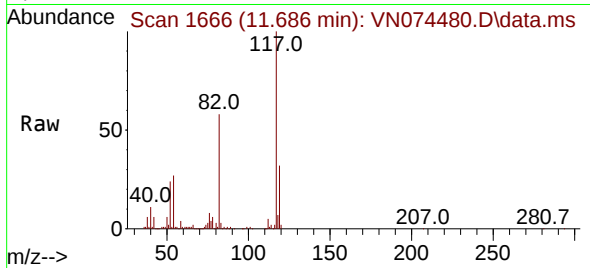
Tgt Ion: 95 Resp: 277184
Ion Ratio Lower Upper
95 100
174 70.1 0.0 167.6
176 69.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

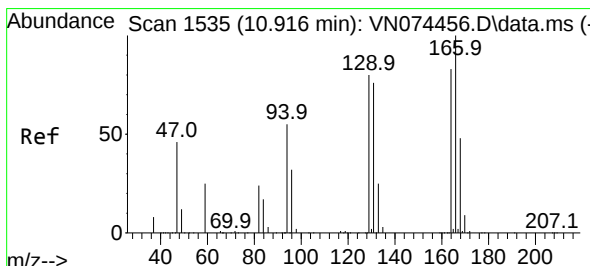
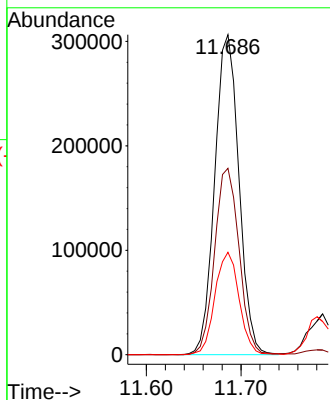
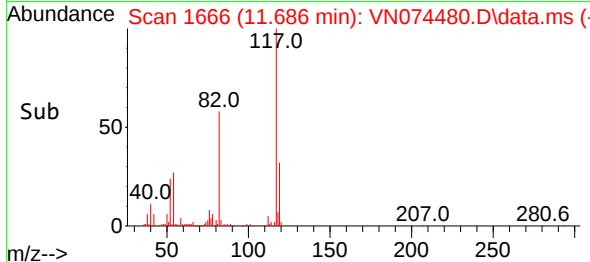
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



Tgt Ion:117 Resp: 54445
Ion Ratio Lower Upper
117 100
82 58.2 44.2 66.2
119 32.0 25.4 38.0

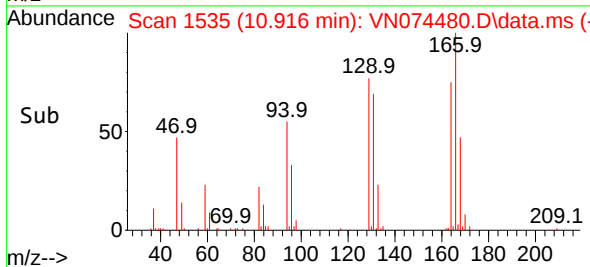
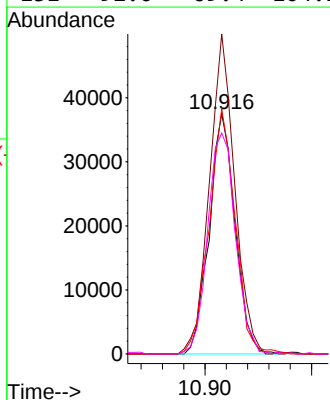
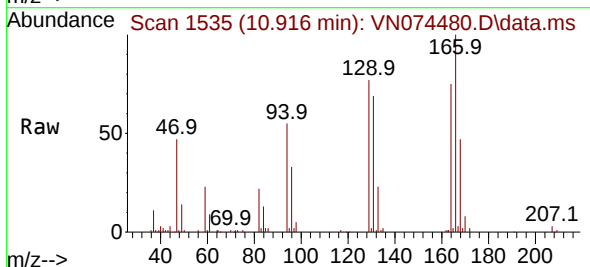
Manual Integrations
APPROVED

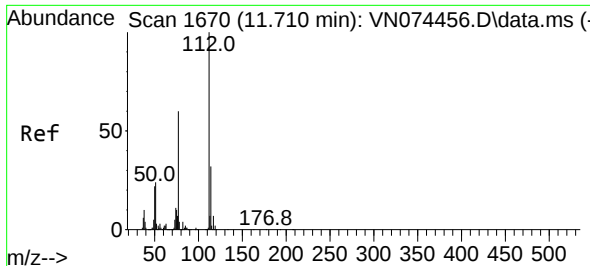
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#64
Tetrachloroethene
Concen: 16.874 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

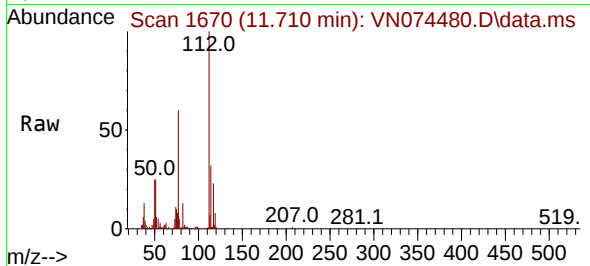
Tgt Ion:164 Resp: 63048
Ion Ratio Lower Upper
164 100
166 133.3 104.2 156.2
129 102.0 73.9 110.9
131 92.0 69.4 104.2





#65
Chlorobenzene
Concen: 19.014 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

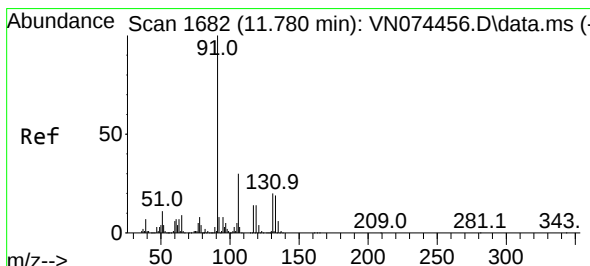
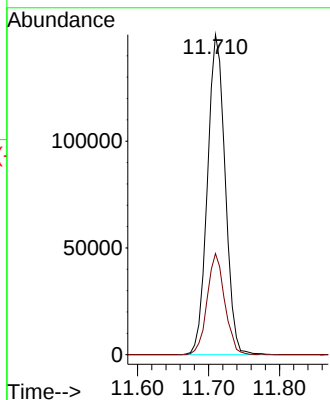
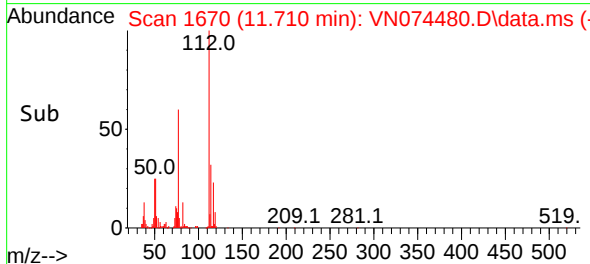
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



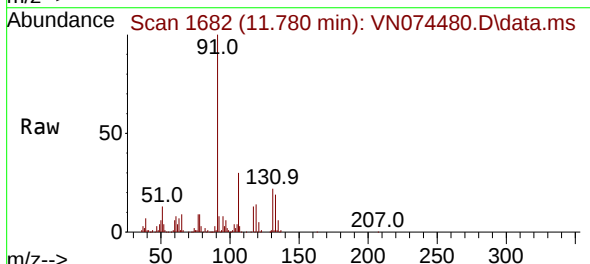
Tgt Ion:112 Resp: 25989
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

Manual Integrations
APPROVED

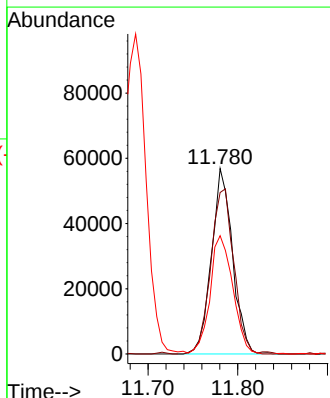
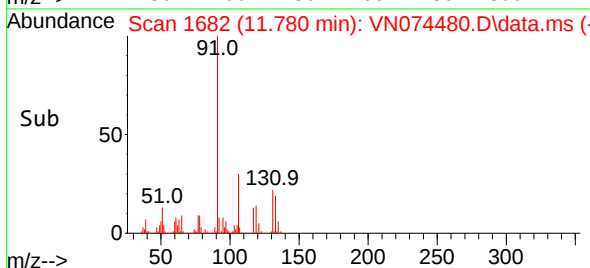
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

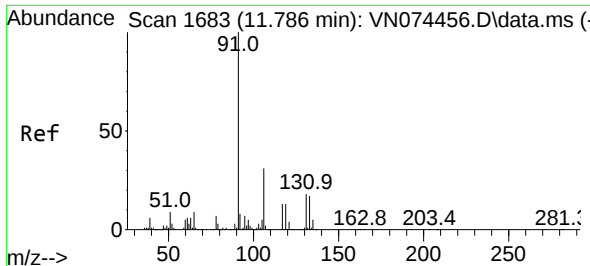


#66
1,1,1,2-Tetrachloroethane
Concen: 18.666 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



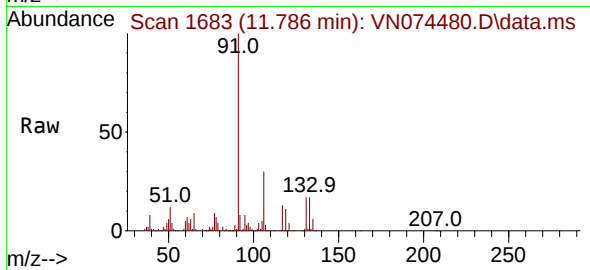
Tgt Ion:131 Resp: 92698
Ion Ratio Lower Upper
131 100
133 97.5 47.8 143.4
119 68.7 33.4 100.2





#67
Ethyl Benzene
Concen: 18.895 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

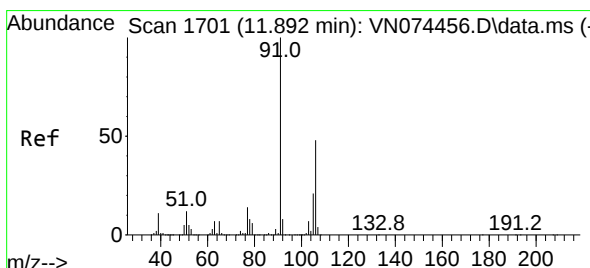
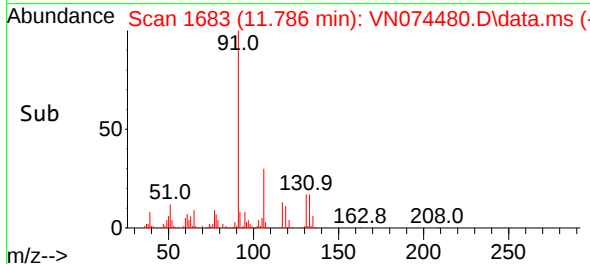
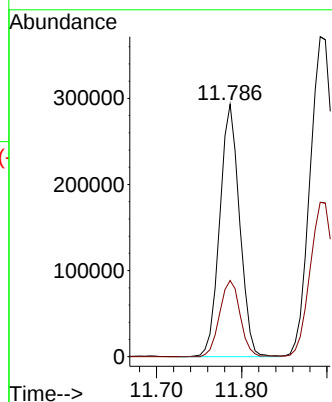
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



Tgt Ion: 91 Resp: 47415
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3

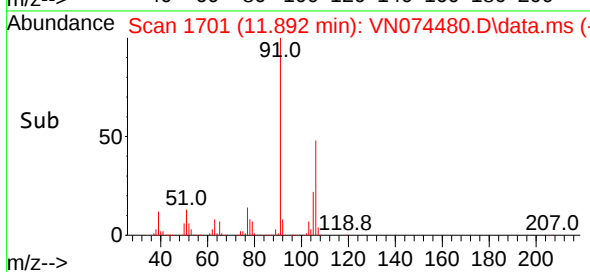
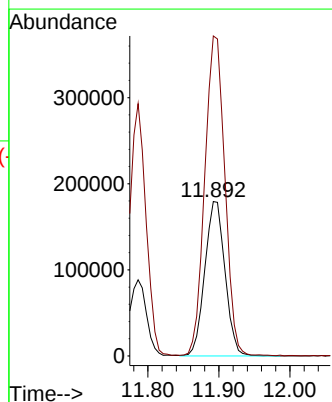
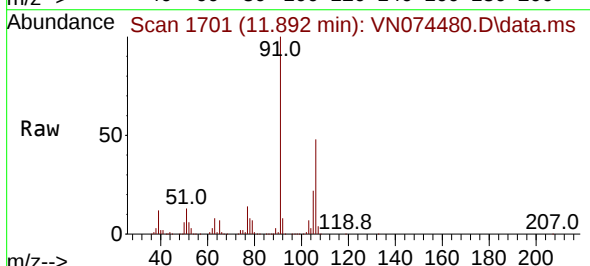
Manual Integrations
APPROVED

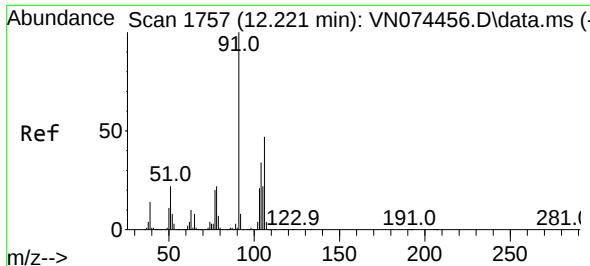
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#68
m/p-Xylenes
Concen: 38.257 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

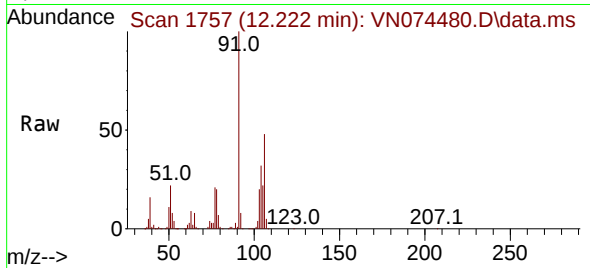
Tgt Ion:106 Resp: 354957
Ion Ratio Lower Upper
106 100
91 205.9 158.9 238.3





#69
o-Xylene
Concen: 19.064 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

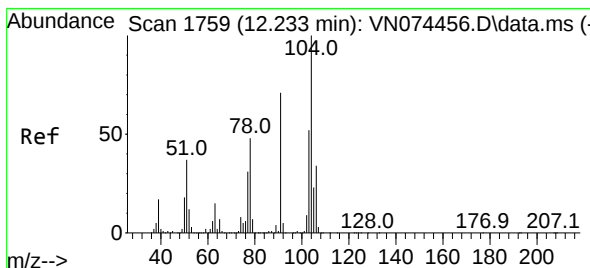
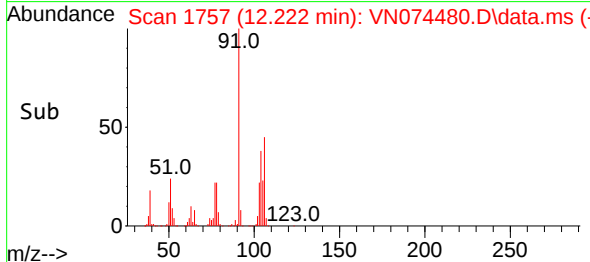
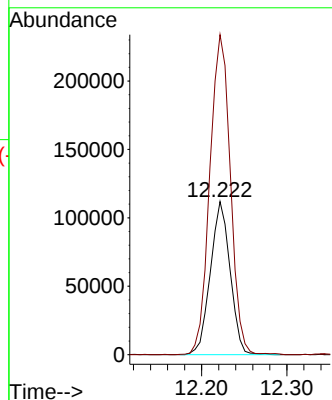
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



Tgt Ion:106 Resp: 18035
Ion Ratio Lower Upper
106 100
91 217.8 106.0 318.0

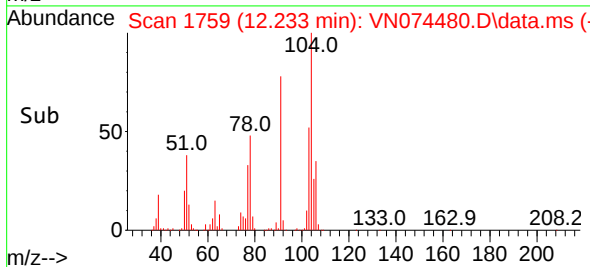
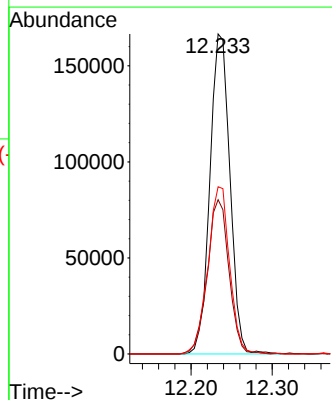
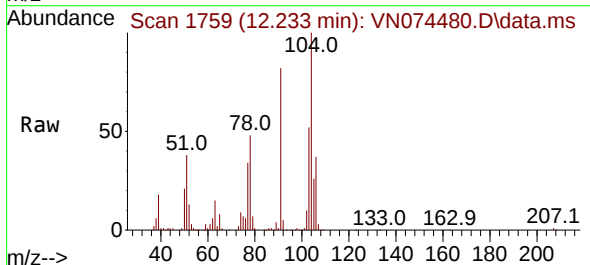
Manual Integrations
APPROVED

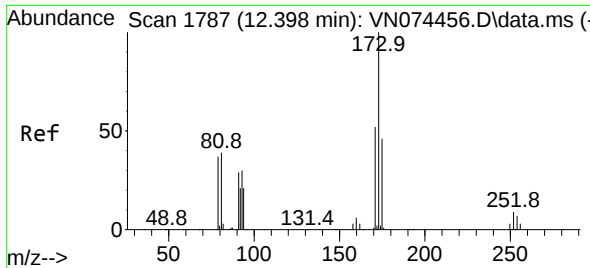
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#70
Styrene
Concen: 18.130 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

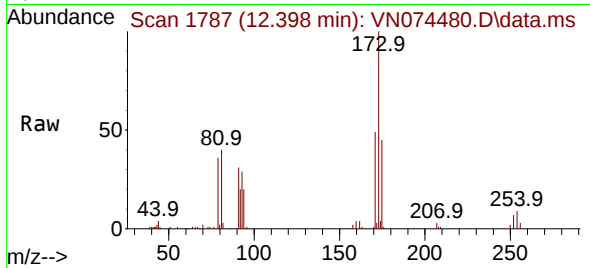
Tgt Ion:104 Resp: 285304
Ion Ratio Lower Upper
104 100
78 52.2 39.5 59.3
103 56.7 44.0 66.0





#71
Bromoform
Concen: 17.808 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

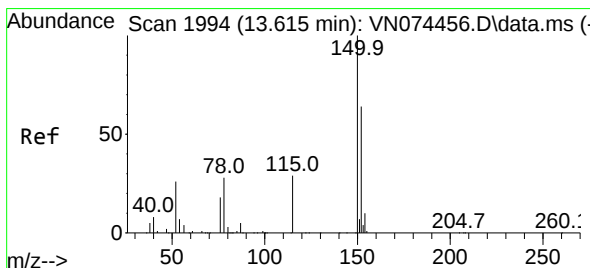
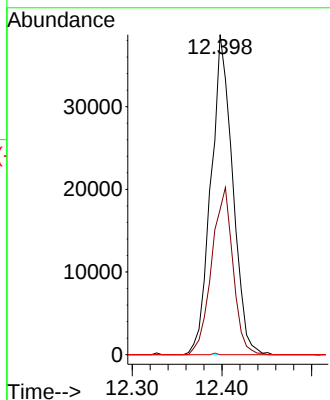
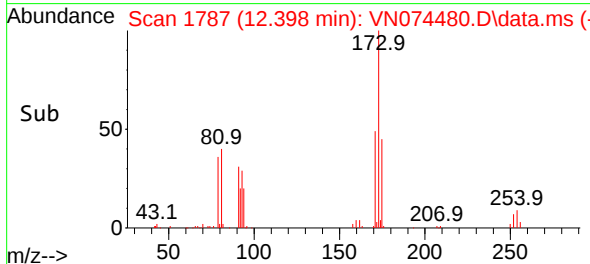
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



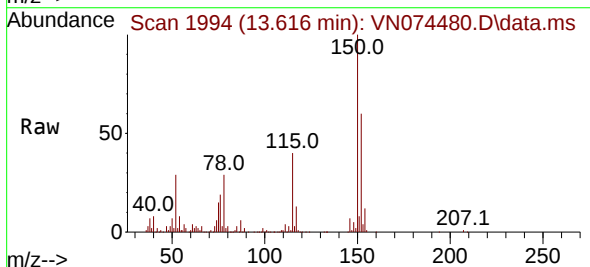
Tgt Ion:173 Resp: 6499
Ion Ratio Lower Upper
173 100
175 51.3 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

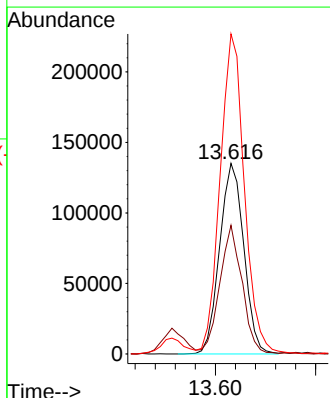
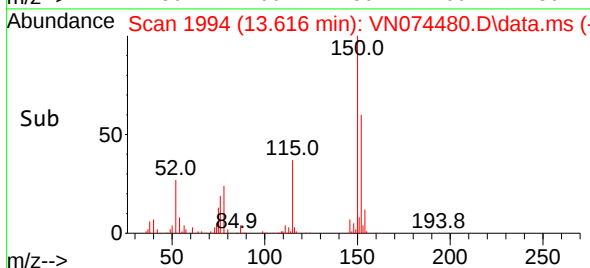
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

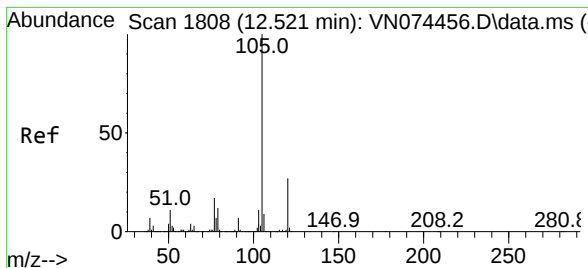


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



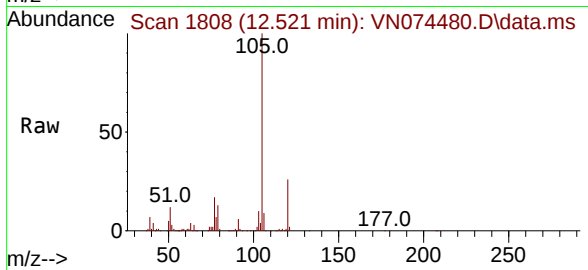
Tgt Ion:152 Resp: 226569
Ion Ratio Lower Upper
152 100
115 61.5 28.9 86.7
150 167.9 0.0 356.2





#73
Isopropylbenzene
Concen: 19.355 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

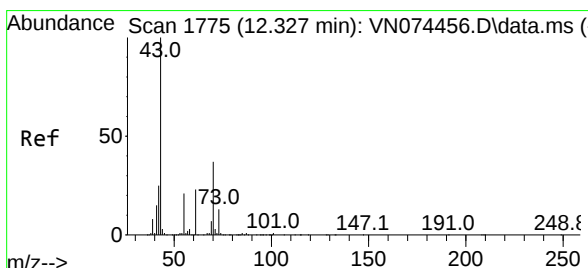
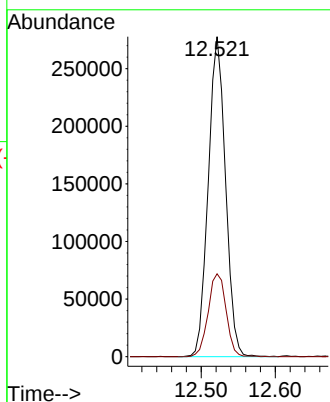
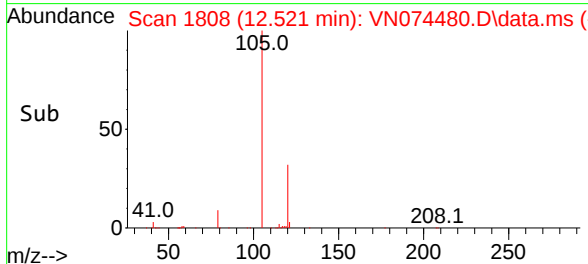
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



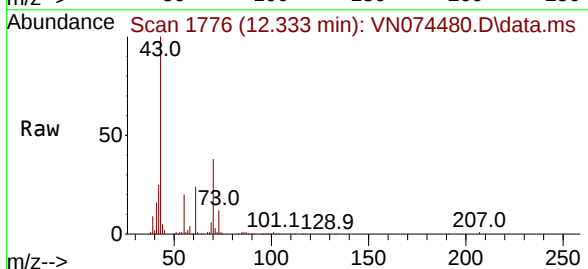
Tgt Ion:105 Resp: 449012
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

Manual Integrations
APPROVED

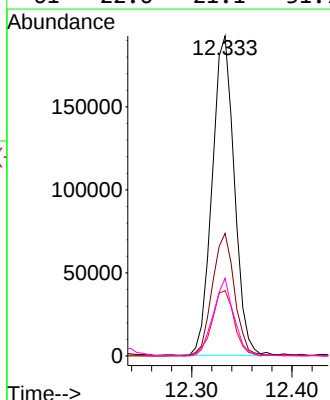
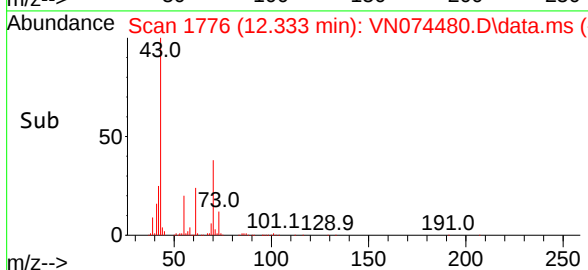
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

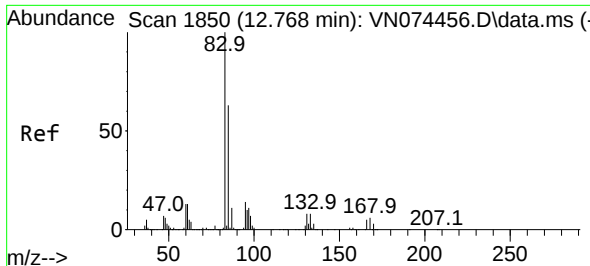


#74
N-ethyl acetate
Concen: 20.365 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



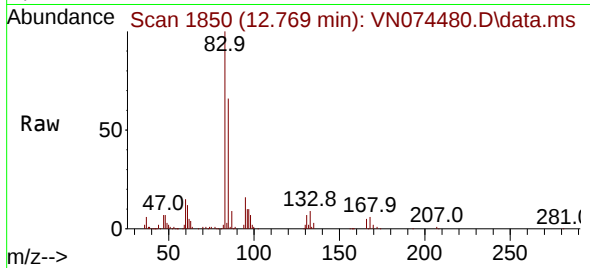
Tgt Ion: 43 Resp: 295399
Ion Ratio Lower Upper
43 100
70 38.7 39.0 58.4#
55 20.8 21.1 31.7#
61 22.6 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.574 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.001 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

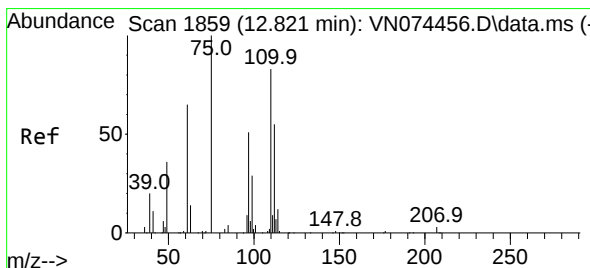
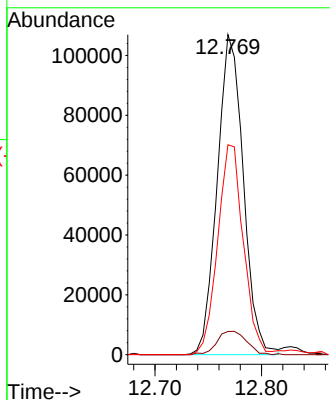
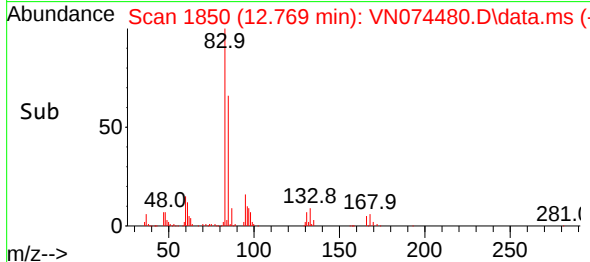
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



Tgt Ion: 83 Resp: 181975
Ion Ratio Lower Upper
83 100
131 8.3 5.3 15.9
85 64.6 32.3 96.9

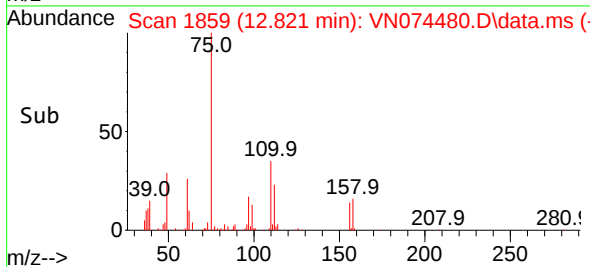
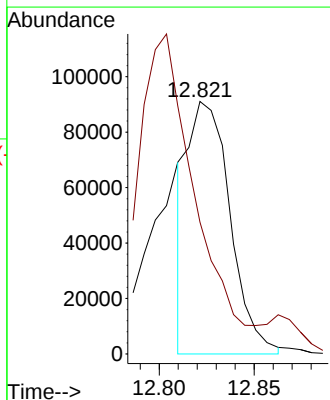
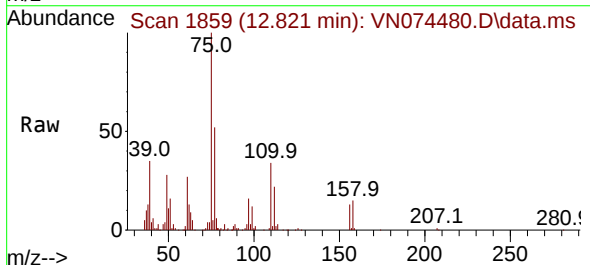
Manual Integrations
APPROVED

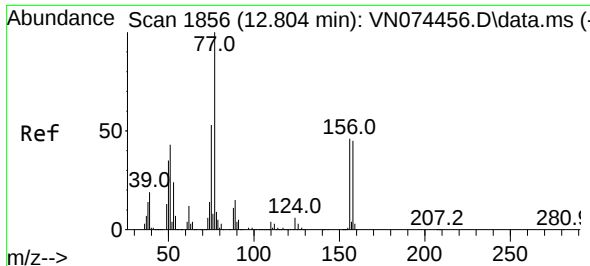
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#76
1,2,3-Trichloropropane
Concen: 20.308 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

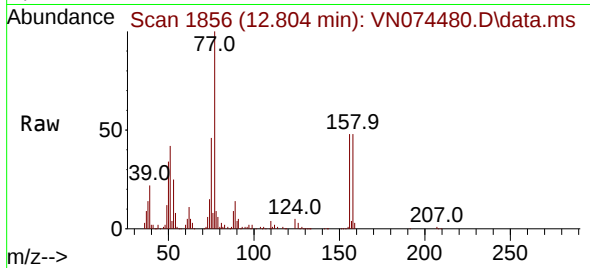
Tgt Ion: 75 Resp: 141625
Ion Ratio Lower Upper
75 100
77 172.1 98.5 295.5





#77
Bromobenzene
Concen: 18.458 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

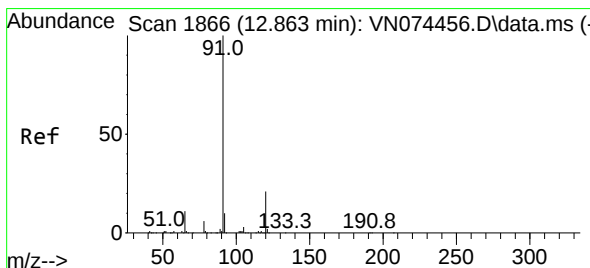
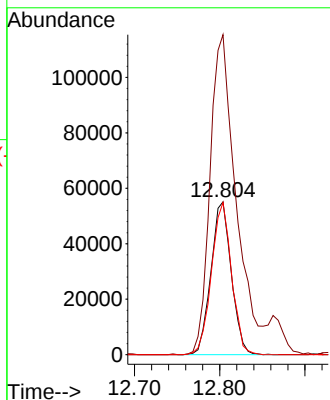
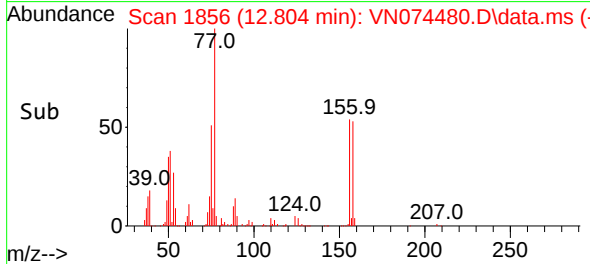
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



Tgt Ion:156 Resp: 9147
Ion Ratio Lower Upper
156 100
77 266.5 100.5 301.5
158 98.2 48.9 146.6

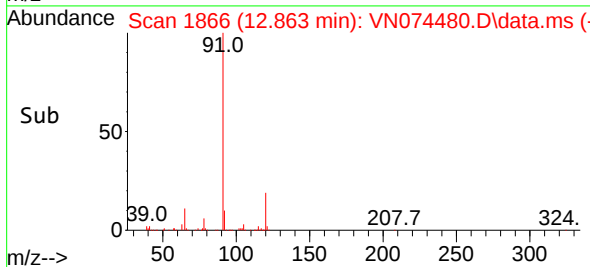
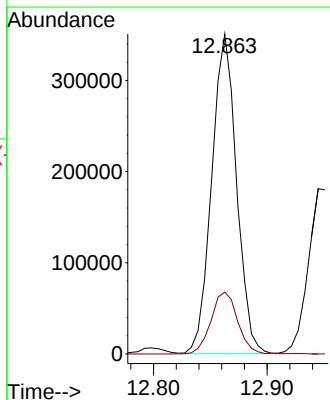
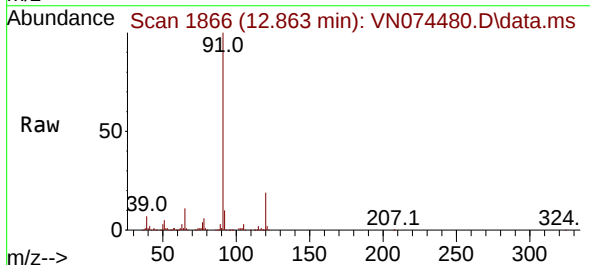
Manual Integrations
APPROVED

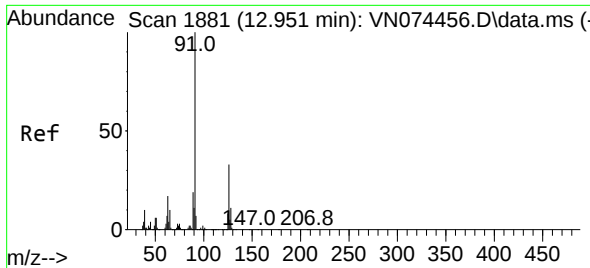
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#78
n-propylbenzene
Concen: 19.331 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

Tgt Ion: 91 Resp: 534131
Ion Ratio Lower Upper
91 100
120 20.7 11.9 35.5





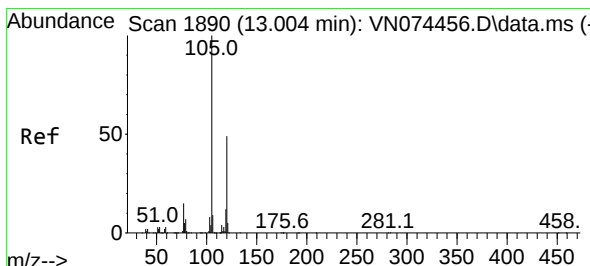
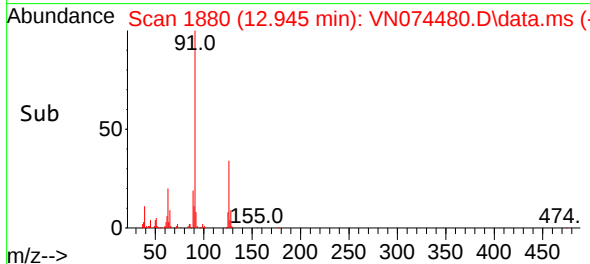
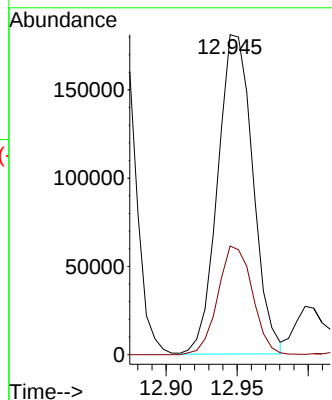
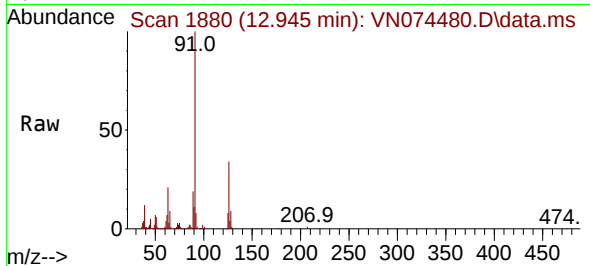
#79
2-Chlorotoluene
Concen: 18.952 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02

Tgt Ion: 91 Resp: 31260
Ion Ratio Lower Upper
91 100
126 33.4 17.3 51.9

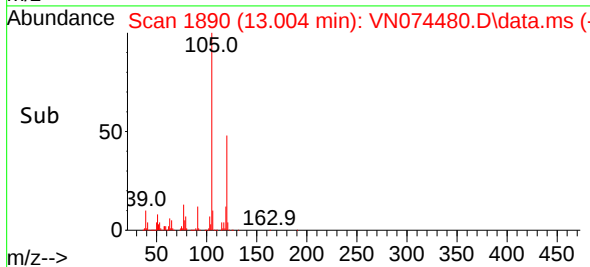
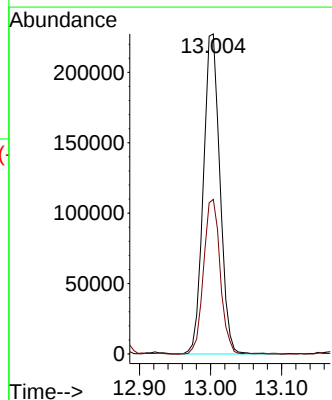
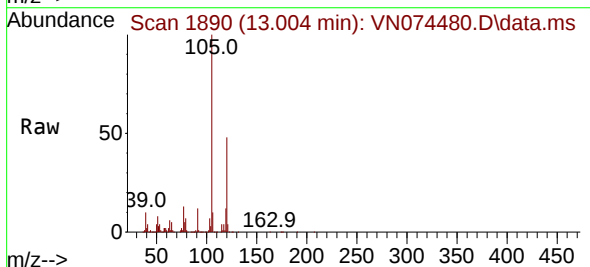
Manual Integrations
APPROVED

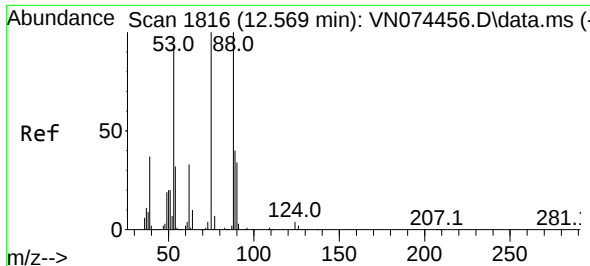
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.538 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

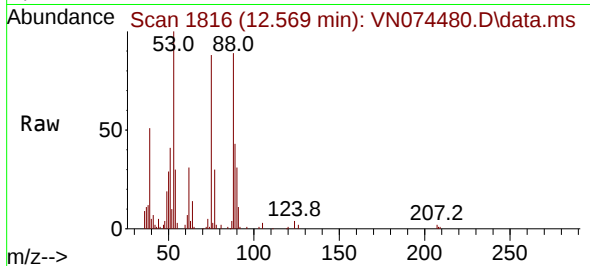
Tgt Ion:105 Resp: 369490
Ion Ratio Lower Upper
105 100
120 48.3 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 18.400 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

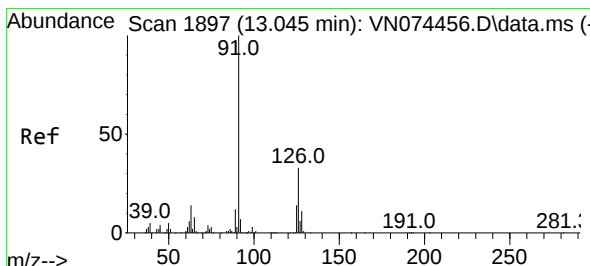
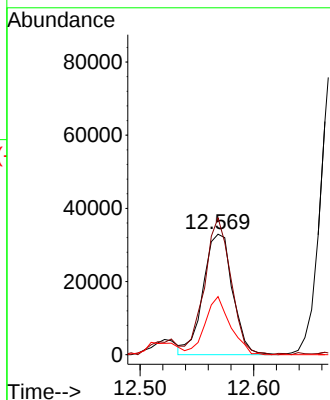
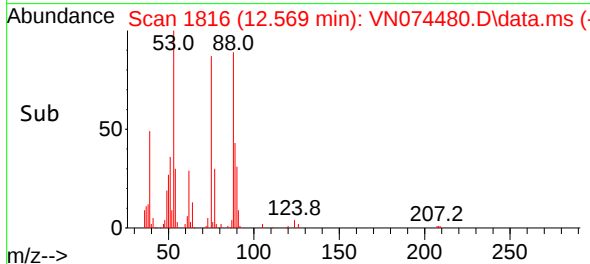
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



Tgt Ion: 75 Resp: 5945
Ion Ratio Lower Upper
75 100
53 101.1 78.0 117.0
89 41.1 37.2 55.8

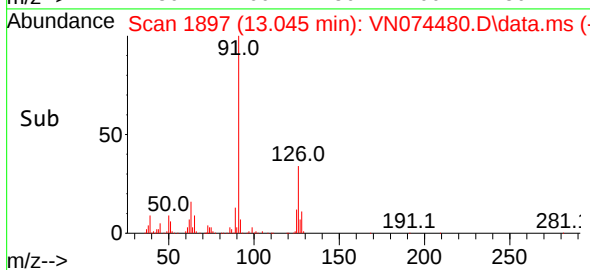
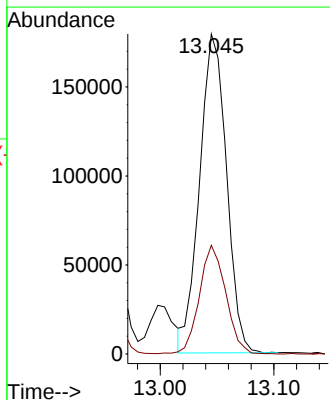
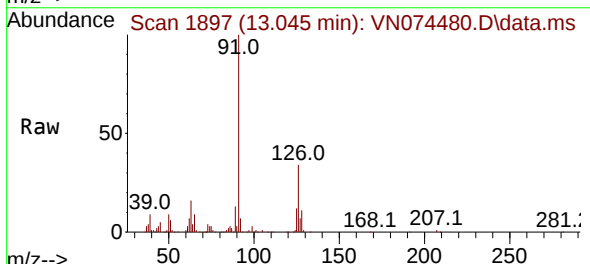
Manual Integrations
APPROVED

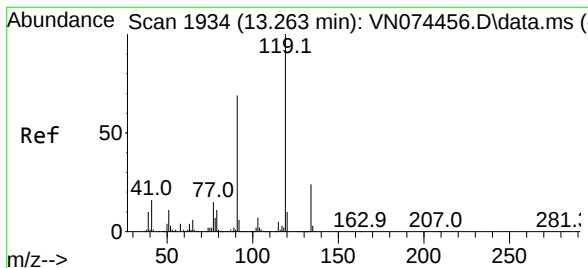
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#82
4-Chlorotoluene
Concen: 18.800 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

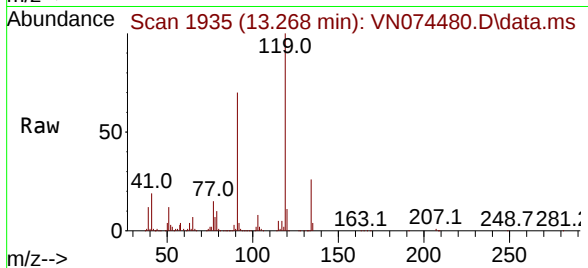
Tgt Ion: 91 Resp: 294740
Ion Ratio Lower Upper
91 100
126 33.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 19.144 ug/l
RT: 13.268 min Scan# 1935
Delta R.T. 0.005 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

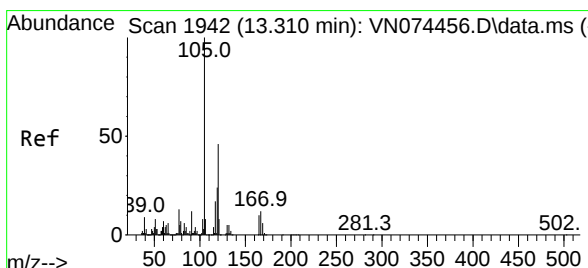
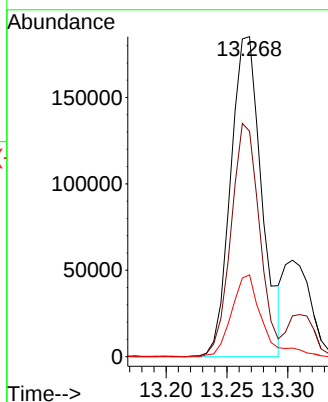
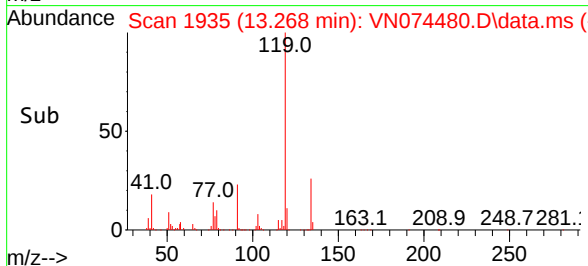
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



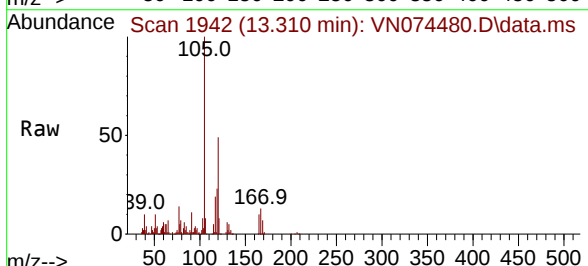
Tgt Ion:119 Resp: 32949
Ion Ratio Lower Upper
119 100
91 67.1 31.6 94.8
134 25.3 13.7 41.1

Manual Integrations
APPROVED

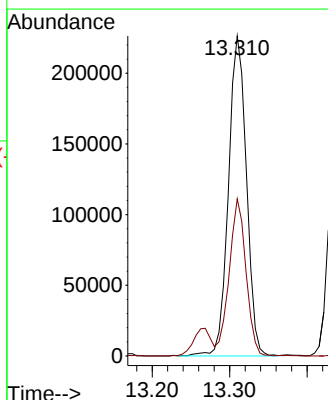
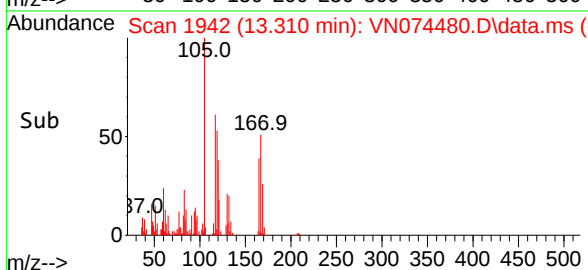
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

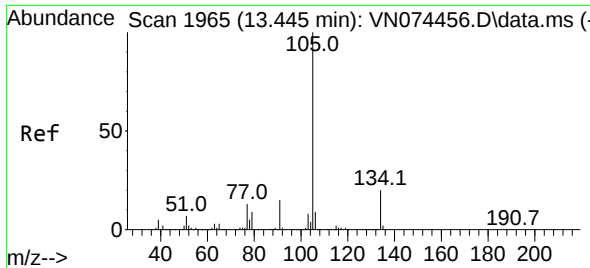


#84
1,2,4-Trimethylbenzene
Concen: 19.209 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



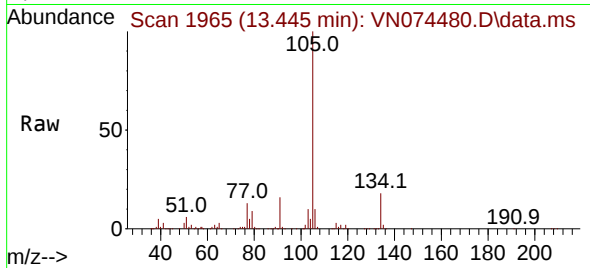
Tgt Ion:105 Resp: 365583
Ion Ratio Lower Upper
105 100
120 45.8 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 19.463 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VN074480.D
 Acq: 15 Sep 2022 23:38

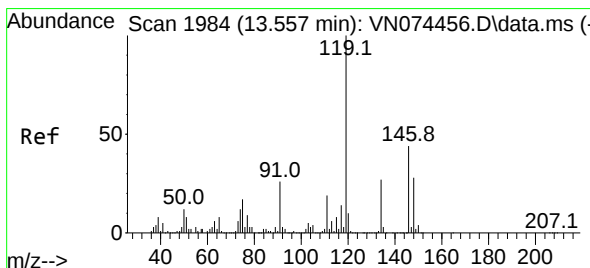
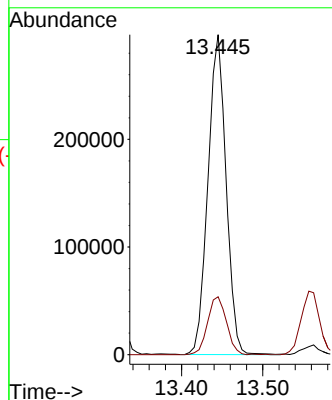
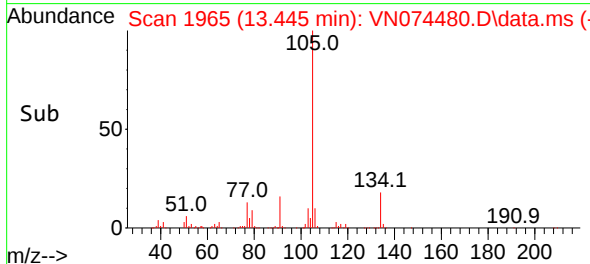
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBS02



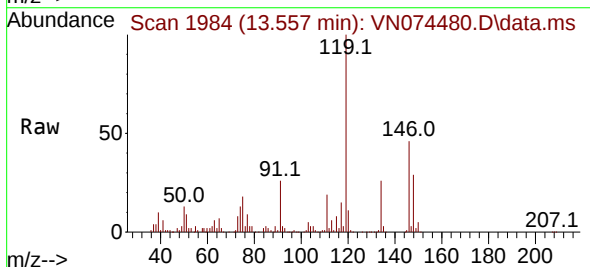
Tgt Ion:105 Resp: 459949
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.4 31.1

Manual Integrations
 APPROVED

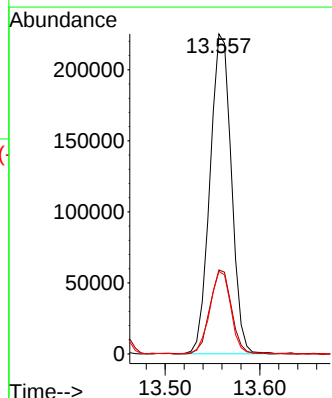
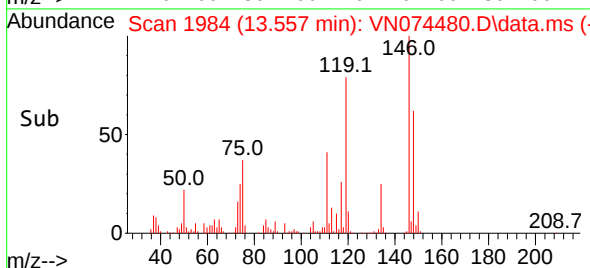
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

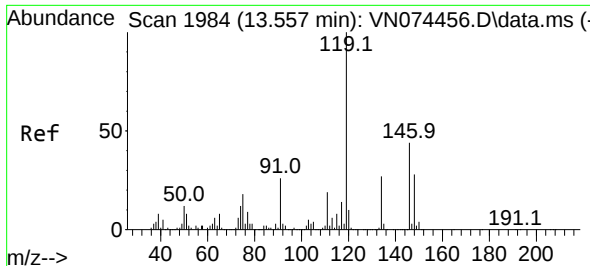


#86
 p-Isopropyltoluene
 Concen: 19.133 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074480.D
 Acq: 15 Sep 2022 23:38



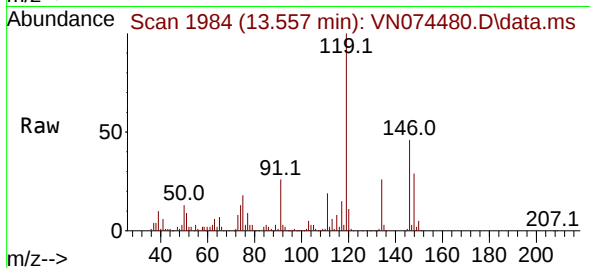
Tgt Ion:119 Resp: 352501
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 25.7 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.003 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

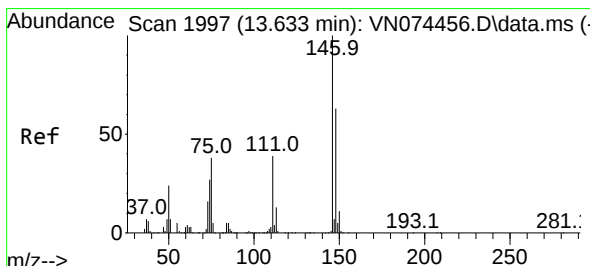
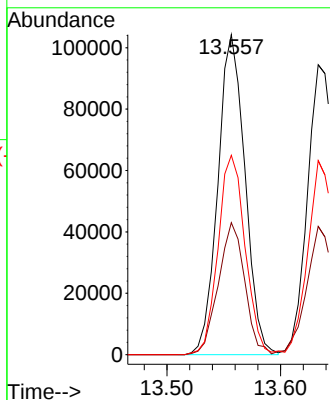
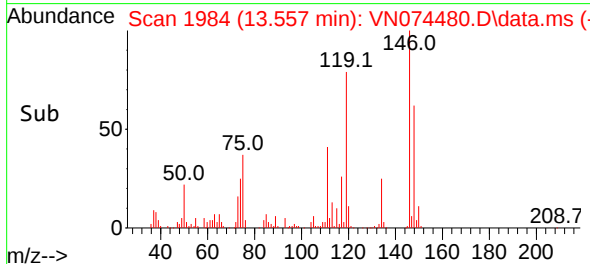
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



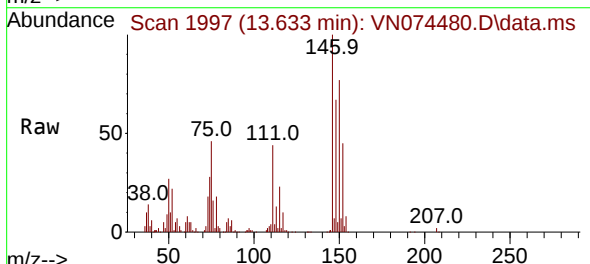
Tgt Ion:146 Resp: 173052
Ion Ratio Lower Upper
146 100
111 40.1 20.0 60.0
148 62.0 32.0 96.0

Manual Integrations
APPROVED

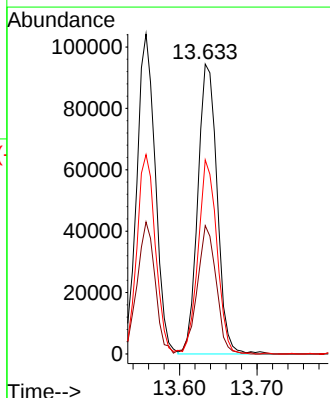
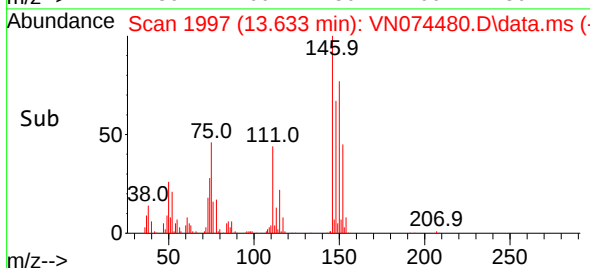
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

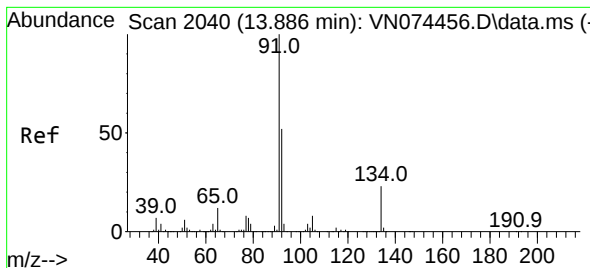


#88
1,4-Dichlorobenzene
Concen: 17.888 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



Tgt Ion:146 Resp: 163718
Ion Ratio Lower Upper
146 100
111 43.6 19.1 57.1
148 65.2 31.4 94.3





#89

n-Butylbenzene

Concen: 18.266 ug/l

RT: 13.886 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS02

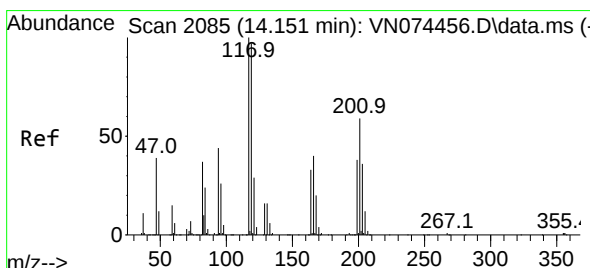
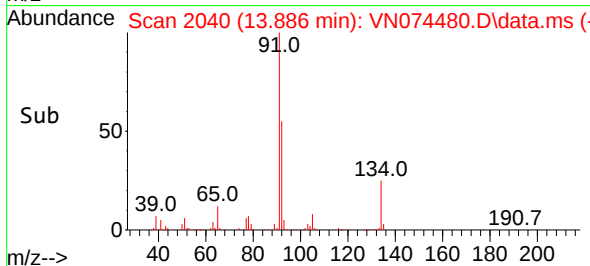
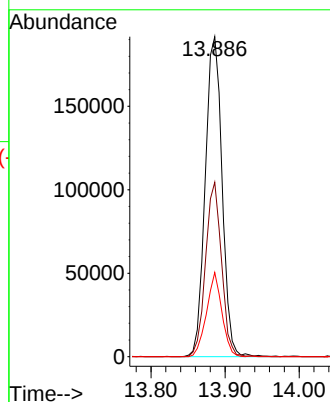
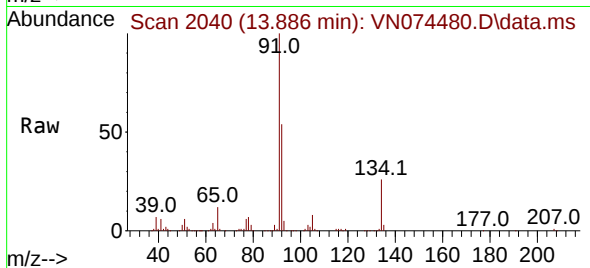
Tgt Ion:	91	Resp:	30333
Ion Ratio	Lower	Upper	
91	100		
92	51.7	26.9	80.7
134	24.0	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#90

Hexachloroethane

Concen: 19.105 ug/l

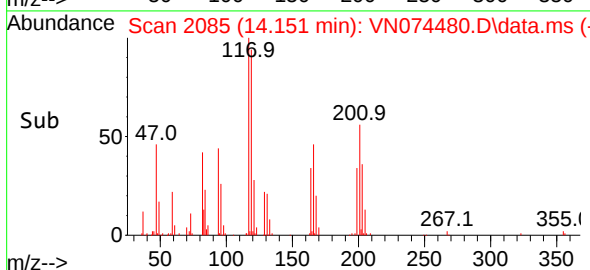
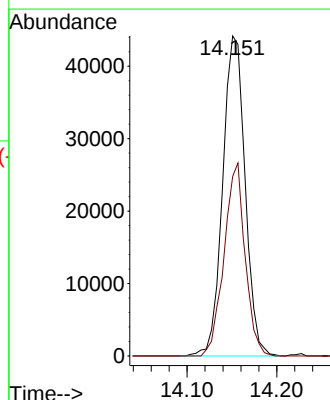
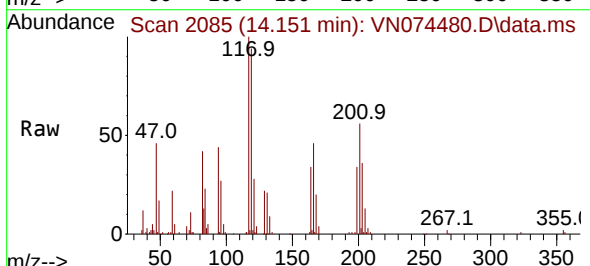
RT: 14.151 min Scan# 2085

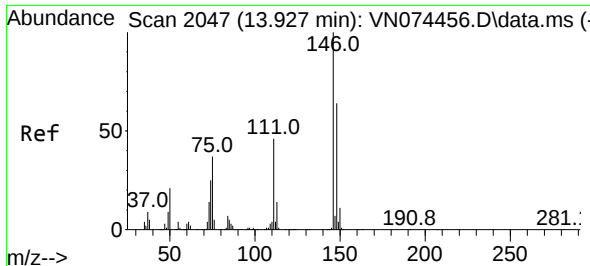
Delta R.T. -0.000 min

Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

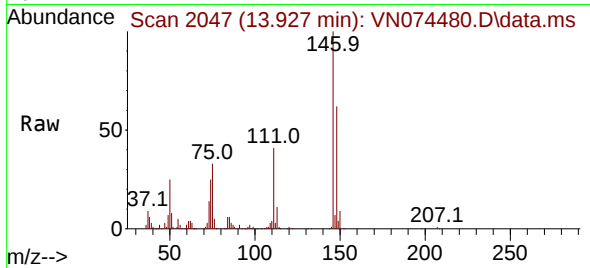
Tgt Ion:	117	Resp:	76585
Ion Ratio	Lower	Upper	
117	100		
201	56.5	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 18.628 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

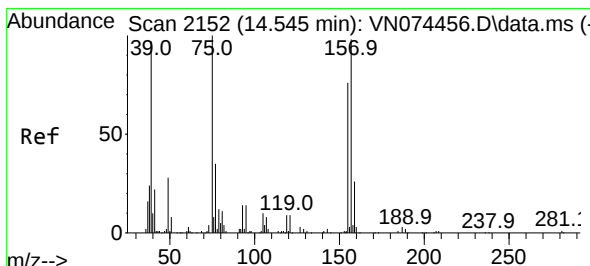
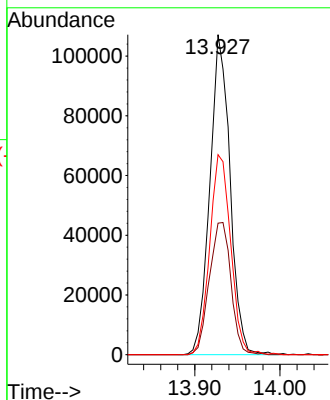
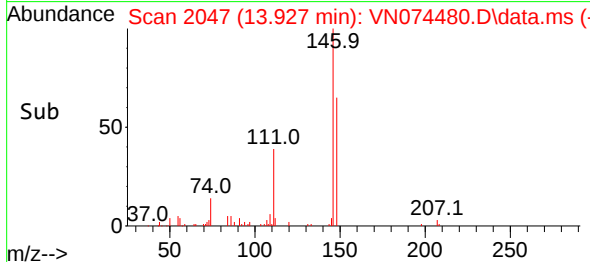
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



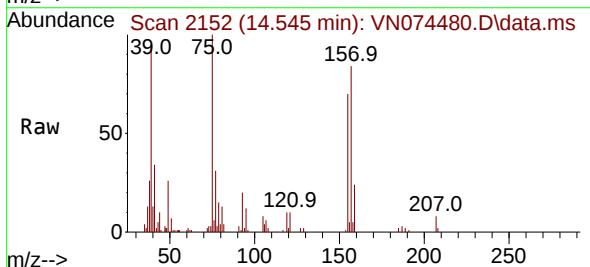
Tgt Ion:146 Resp: 17598
Ion Ratio Lower Upper
146 100
111 44.3 20.9 62.8
148 65.1 32.1 96.3

Manual Integrations
APPROVED

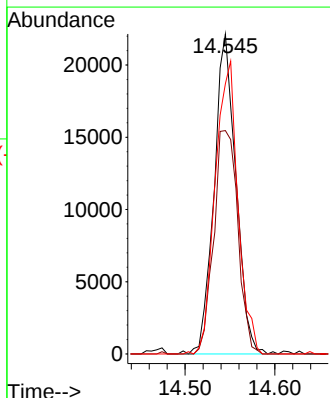
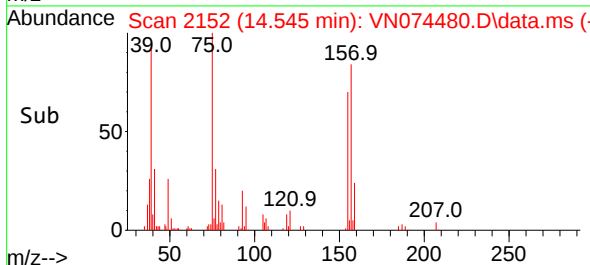
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

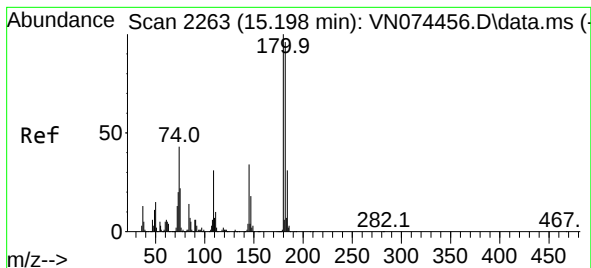


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.253 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



Tgt Ion: 75 Resp: 37471
Ion Ratio Lower Upper
75 100
155 76.8 44.9 134.5
157 95.2 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 18.173 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. -0.000 min

Lab File: VN074480.D

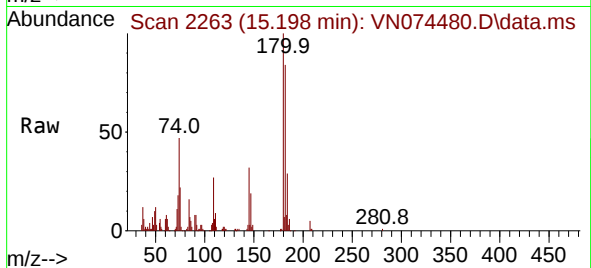
Acq: 15 Sep 2022 23:38

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBS02



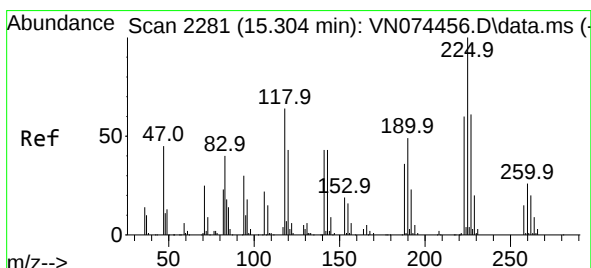
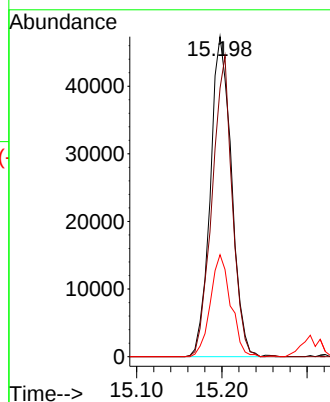
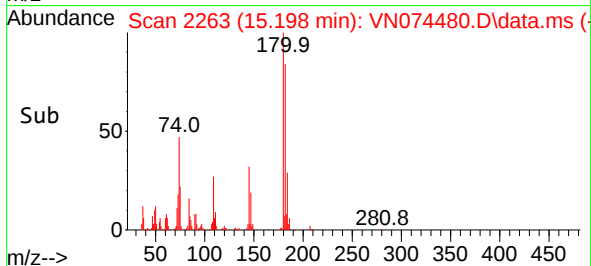
Tgt Ion:	180	Resp:	8179
Ion Ratio	Lower	Upper	
180	100		
182	88.8	47.5	142.5
145	30.7	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#94

Hexachlorobutadiene

Concen: 17.376 ug/l

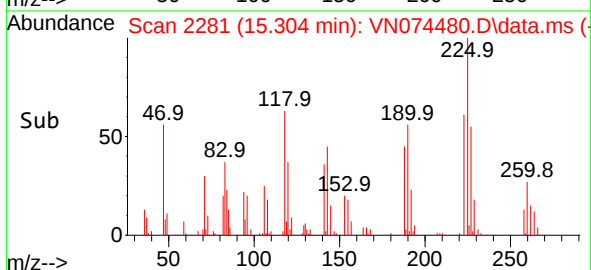
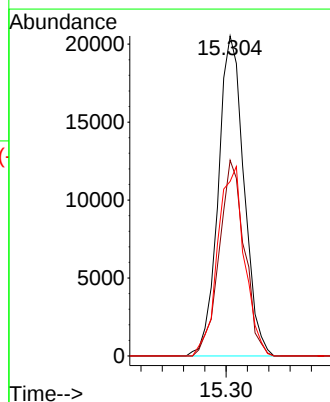
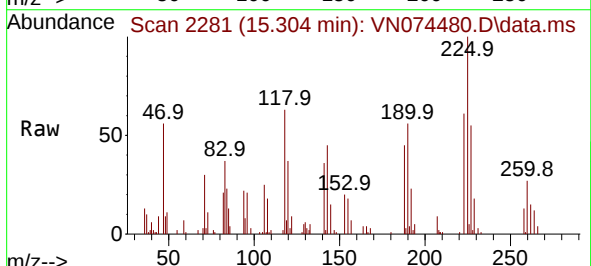
RT: 15.304 min Scan# 2281

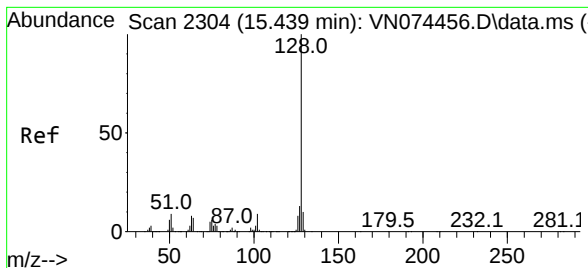
Delta R.T. -0.000 min

Lab File: VN074480.D

Acq: 15 Sep 2022 23:38

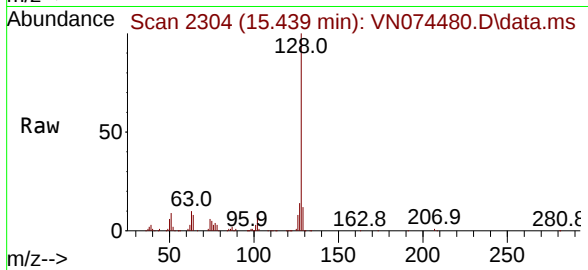
Tgt Ion:	225	Resp:	34372
Ion Ratio	Lower	Upper	
225	100		
223	60.2	32.4	97.2
227	61.6	31.8	95.4





#95
Naphthalene
Concen: 18.496 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38

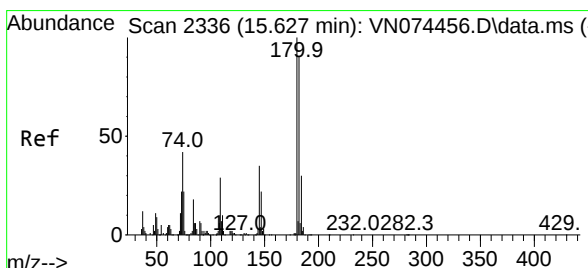
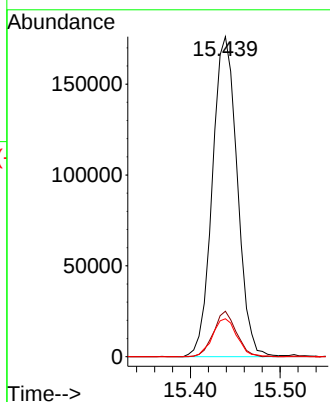
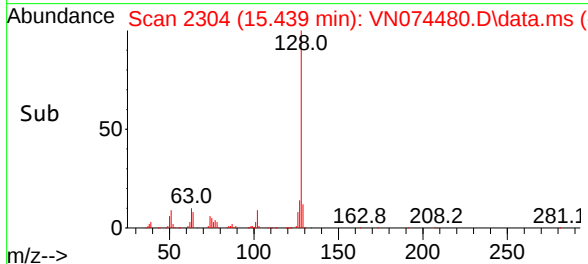
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBS02



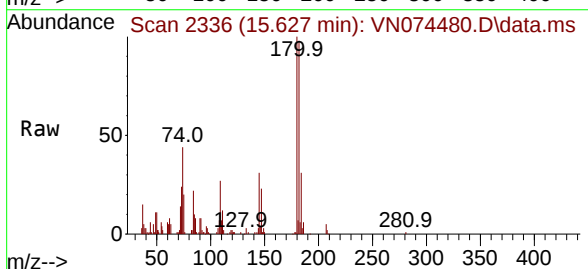
Tgt Ion:128 Resp: 338638
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.263 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074480.D
Acq: 15 Sep 2022 23:38



Tgt Ion:180 Resp: 81115
Ion Ratio Lower Upper
180 100
182 97.9 47.8 143.3
145 34.1 15.5 46.5

