

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074460.D
 Acq On : 15 Sep 2022 14:14
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN091522

Quant Time: Sep 15 19:22:03 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	410446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	775125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	703216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	323594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	342757	49.217	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.440%		
35) Dibromofluoromethane	7.945	113	258593	50.222	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.440%		
50) Toluene-d8	10.380	98	1012940	50.868	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.740%		
62) 4-Bromofluorobenzene	12.674	95	367644	53.905	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.820%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.040	85	204544	45.790	ug/l	94
3) Chloromethane	2.263	50	373542	49.717	ug/l	100
4) Vinyl Chloride	2.404	62	376953	46.881	ug/l	97
5) Bromomethane	2.775	94	235113	55.447	ug/l	99
6) Chloroethane	2.951	64	302668	55.108	ug/l	97
7) Trichlorofluoromethane	3.310	101	415885	46.837	ug/l	100
8) Diethyl Ether	3.763	74	208146	45.968	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.134	101	263135	47.901	ug/l	90
10) Methyl Iodide	4.340	142	330326	50.973	ug/l	96
11) Tert butyl alcohol	5.281	59	487250	214.778	ug/l	99
12) 1,1-Dichloroethene	4.110	96	257492	47.621	ug/l	93
13) Acrolein	3.975	56	175033	211.272	ug/l	96
14) Allyl chloride	4.757	41	616718	47.778	ug/l	94
15) Acrylonitrile	5.463	53	1236085	242.526	ug/l	98
16) Acetone	4.216	43	994645	223.195	ug/l	99
17) Carbon Disulfide	4.451	76	702197	47.372	ug/l	96
18) Methyl Acetate	4.769	43	628764	45.426	ug/l	90
19) Methyl tert-butyl Ether	5.528	73	1101155	48.332	ug/l	99
20) Methylene Chloride	5.010	84	329916	48.492	ug/l #	88
21) trans-1,2-Dichloroethene	5.510	96	297044	50.028	ug/l	89
22) Diisopropyl ether	6.404	45	1282361	49.474	ug/l #	94
23) Vinyl Acetate	6.339	43	5819010	254.537	ug/l	94
24) 1,1-Dichloroethane	6.304	63	628630	48.520	ug/l	99
25) 2-Butanone	7.251	43	1787544	241.593	ug/l	90
26) 2,2-Dichloropropane	7.239	77	525593	47.053	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	355160	46.732	ug/l	91
28) Bromochloromethane	7.575	49	187210	49.066	ug/l #	70
29) Tetrahydrofuran	7.604	42	1183628	243.308	ug/l #	86
30) Chloroform	7.745	83	601402	50.291	ug/l	98
31) Cyclohexane	8.022	56	582248	47.102	ug/l	83
32) 1,1,1-Trichloroethane	7.939	97	502840	47.944	ug/l	96
36) 1,1-Dichloropropene	8.145	75	446082	48.945	ug/l	95
37) Ethyl Acetate	7.328	43	689565	48.992	ug/l #	94
38) Carbon Tetrachloride	8.128	117	413787	49.174	ug/l	98
39) Methylcyclohexane	9.392	83	553807	51.102	ug/l	95
40) Benzene	8.386	78	1419554	50.370	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	353755	51.986	ug/l #	85
42) 1,2-Dichloroethane	8.457	62	489674	50.631	ug/l	98
43) Isopropyl Acetate	8.492	43	1102516	50.008	ug/l #	93
44) Trichloroethene	9.145	130	294231	48.248	ug/l	93
45) 1,2-Dichloropropane	9.428	63	386463	49.896	ug/l	99
46) Dibromomethane	9.510	93	232761	47.983	ug/l #	85
47) Bromodichloromethane	9.698	83	488059	51.318	ug/l	97
48) Methyl methacrylate	9.498	41	496065	50.744	ug/l	87
49) 1,4-Dioxane	9.498	88	180184	958.698	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	3637695	252.669	ug/l	91
52) Toluene	10.445	92	867482	52.491	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	576892	52.046	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	599648	50.553	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	349315	49.900	ug/l	96
56) Ethyl methacrylate	10.698	69	648751	51.882	ug/l #	83
57) 1,3-Dichloropropane	10.986	76	628536	51.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	1403455	255.029	ug/l	90
59) 2-Hexanone	11.027	43	2771350	252.157	ug/l	90
60) Dibromochloromethane	11.174	129	352045	52.533	ug/l	100
61) 1,2-Dibromoethane	11.286	107	352097	51.775	ug/l	100
64) Tetrachloroethene	10.916	164	236965	49.102	ug/l	97
65) Chlorobenzene	11.710	112	880187	49.858	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	317905	49.563	ug/l	99
67) Ethyl Benzene	11.786	91	1693638	52.253	ug/l	98
68) m/p-Xylenes	11.892	106	1267026	105.728	ug/l	95
69) o-Xylene	12.221	106	633412	51.840	ug/l	96
70) Styrene	12.233	104	1049933	51.657	ug/l	98
71) Bromoform	12.398	173	246276	52.241	ug/l #	97
73) Isopropylbenzene	12.521	105	1635212	49.352	ug/l	98
74) N-amyl acetate	12.327	43	988135	47.698	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.768	83	608118	45.799	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	448744m	45.053	ug/l	
77) Bromobenzene	12.804	156	339697	47.994	ug/l	73
78) n-propylbenzene	12.863	91	2014054	51.037	ug/l	95
79) 2-Chlorotoluene	12.945	91	1158202	49.164	ug/l	95
80) 1,3,5-Trimethylbenzene	13.004	105	1362861	50.458	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.568	75	223692	48.471	ug/l	98
82) 4-Chlorotoluene	13.045	91	1122857	50.146	ug/l	96
83) tert-Butylbenzene	13.263	119	1191913	48.488	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	1340956	49.334	ug/l	98
85) sec-Butylbenzene	13.445	105	1742870	51.637	ug/l	96
86) p-Isopropyltoluene	13.557	119	1389870	52.820	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	644478	49.551	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	636868	48.721	ug/l	97
89) n-Butylbenzene	13.886	91	1279943	53.967	ug/l	97
90) Hexachloroethane	14.151	117	275032	48.038	ug/l	76
91) 1,2-Dichlorobenzene	13.927	146	661878	49.052	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	131052	44.698	ug/l	84
93) 1,2,4-Trichlorobenzene	15.198	180	329172	51.206	ug/l	98
94) Hexachlorobutadiene	15.304	225	135610	47.999	ug/l	100
95) Naphthalene	15.439	128	1322474	47.818	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	338953	50.859	ug/l	97

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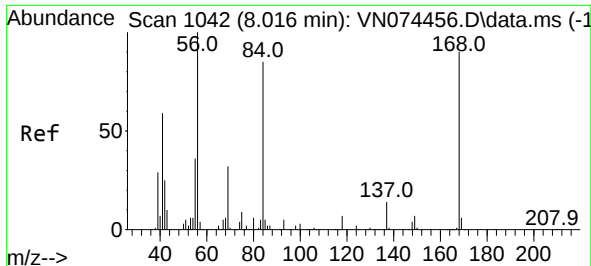
Manual Integrations
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Quant Title : SW846 8260
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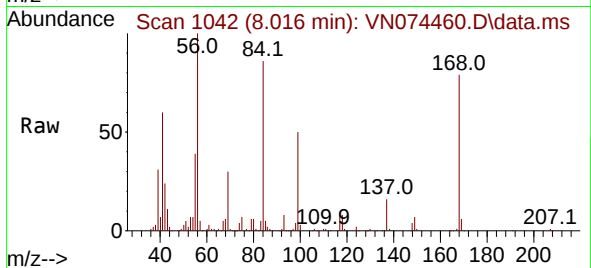
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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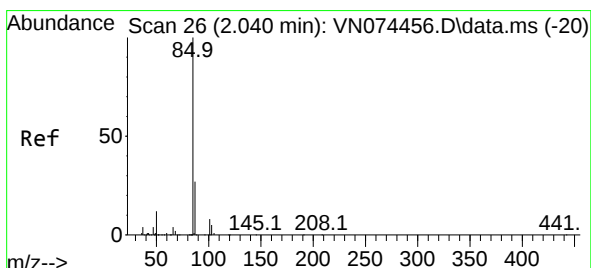
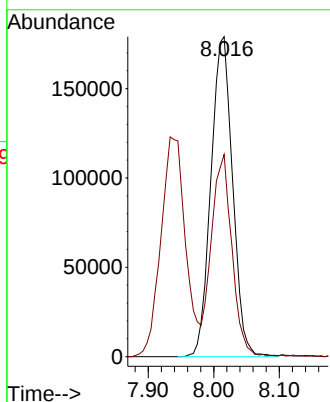
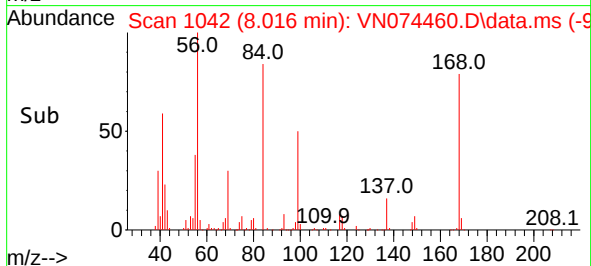
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



Tgt Ion:168 Resp: 410440
Ion Ratio Lower Upper
168 100
99 63.0 42.3 63.5

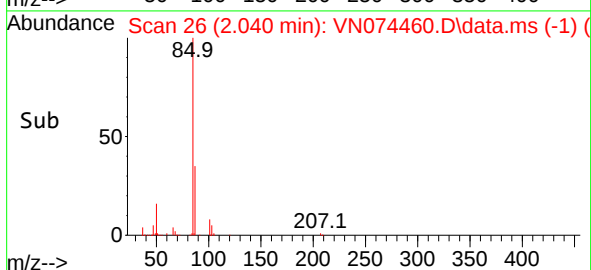
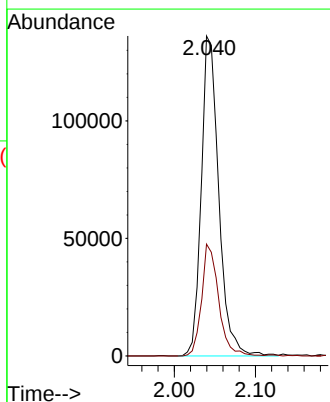
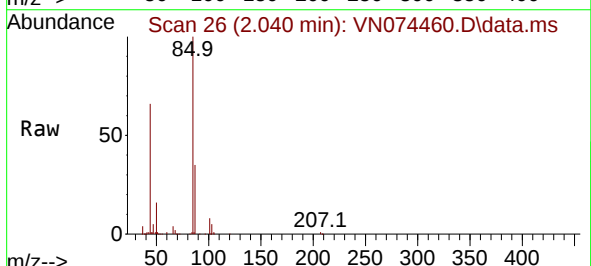
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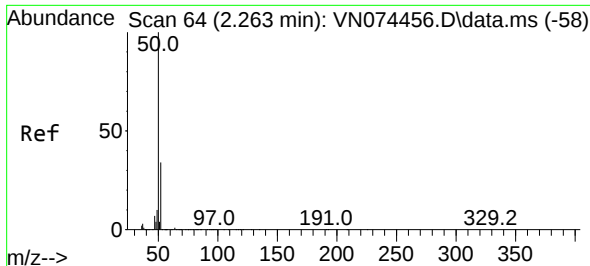
Reviewed By :John Carlone 09/16/2022
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#2
Dichlorodifluoromethane
Concen: 45.790 ug/l
RT: 2.040 min Scan# 26
Delta R.T. -0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

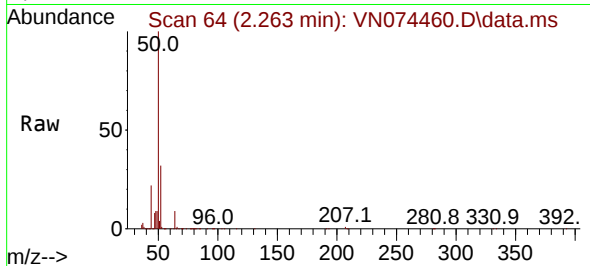
Tgt Ion: 85 Resp: 204544
Ion Ratio Lower Upper
85 100
87 35.0 15.7 47.1





#3
Chloromethane
Concen: 49.717 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

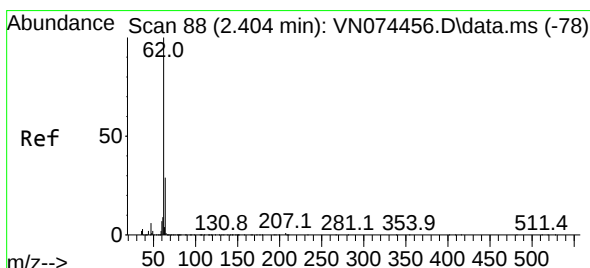
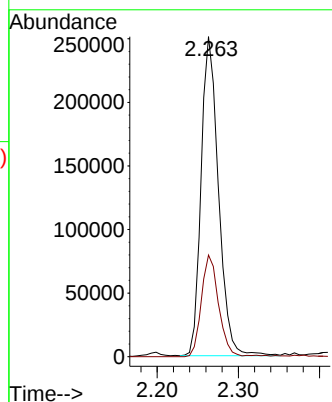
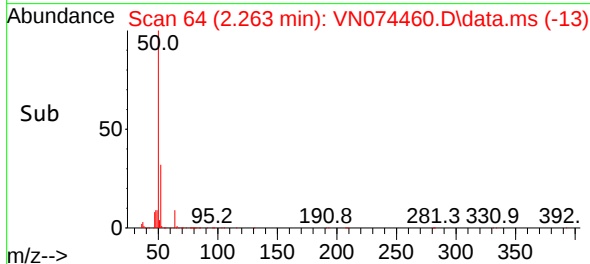
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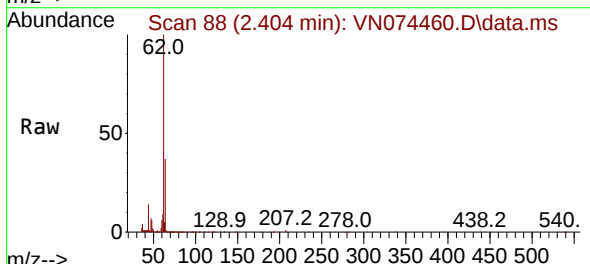
Tgt Ion: 50 Resp: 37354
Ion Ratio Lower Upper
50 100
52 31.8 25.7 38.5

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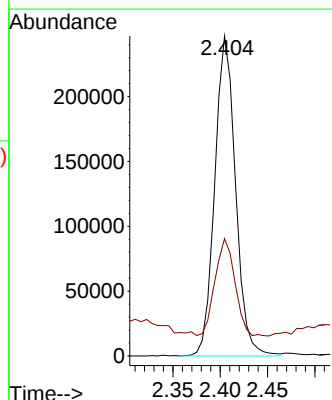
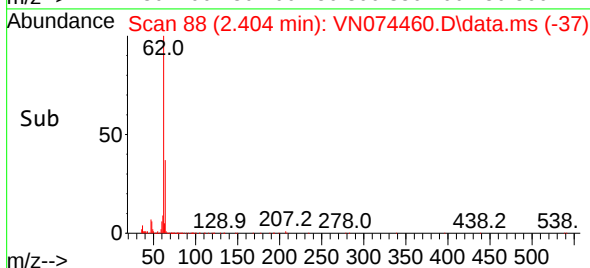
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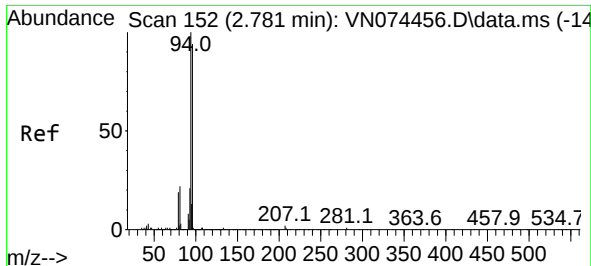


#4
Vinyl Chloride
Concen: 46.881 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14



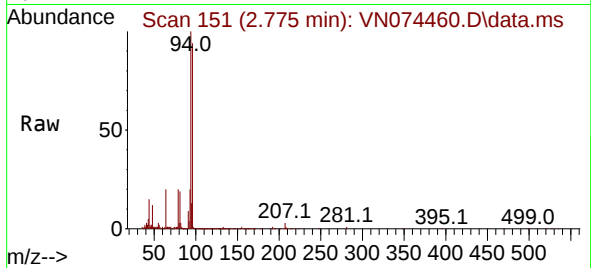
Tgt Ion: 62 Resp: 376953
Ion Ratio Lower Upper
62 100
64 29.6 25.0 37.4





#5
Bromomethane
Concen: 55.447 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

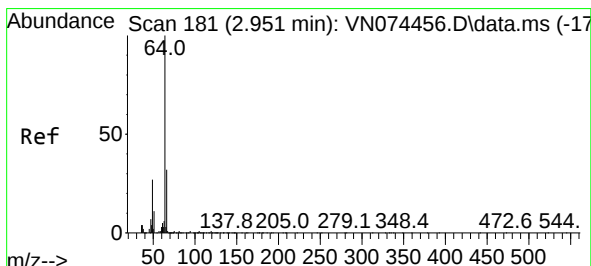
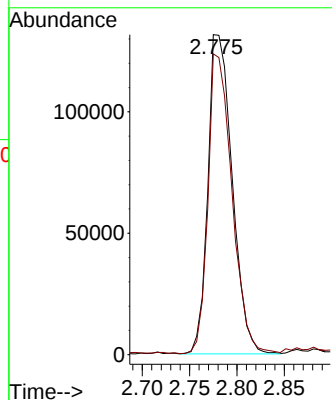
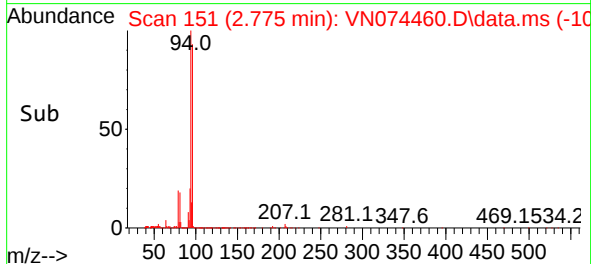
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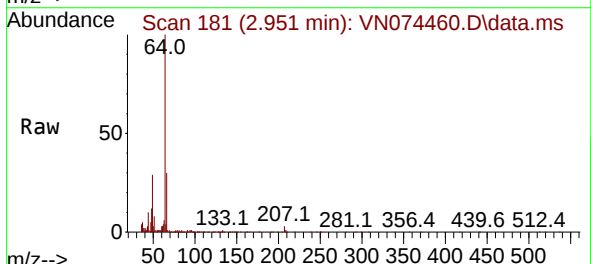
Tgt Ion: 94 Resp: 23511
Ion Ratio Lower Upper
94 100
96 93.9 76.0 114.0

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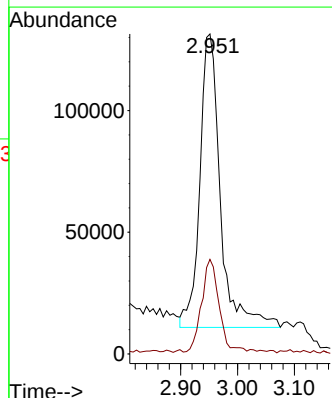
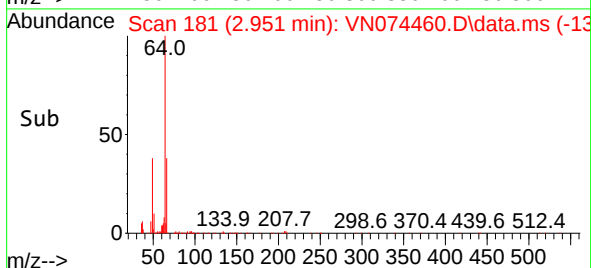
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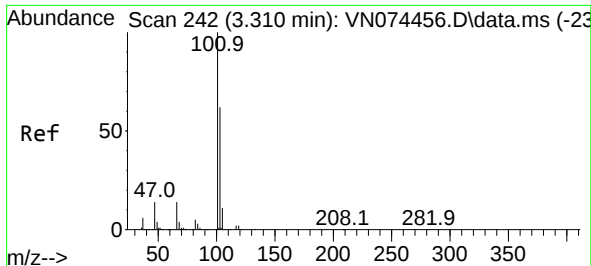


#6
Chloroethane
Concen: 55.108 ug/l
RT: 2.951 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN074460.D
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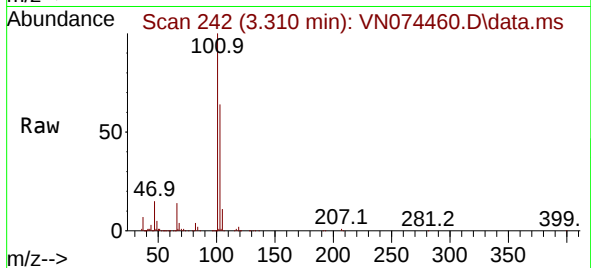
Tgt Ion: 64 Resp: 302668
Ion Ratio Lower Upper
64 100
66 31.1 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 46.837 ug/l
 RT: 3.310 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: VN074460.D
 Acq: 15 Sep 2022 14:14

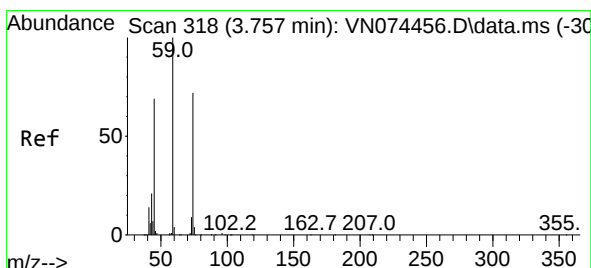
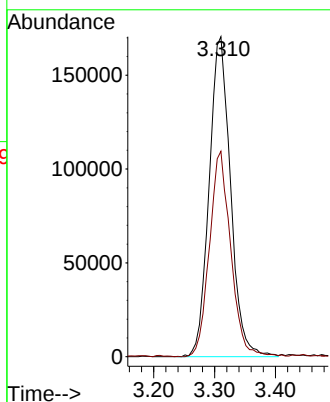
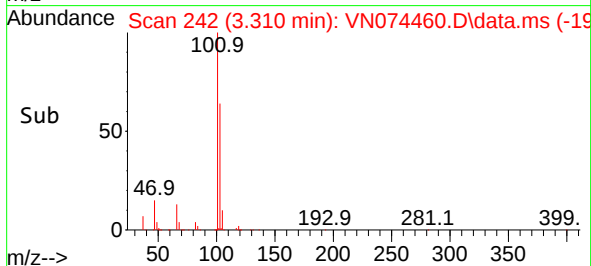
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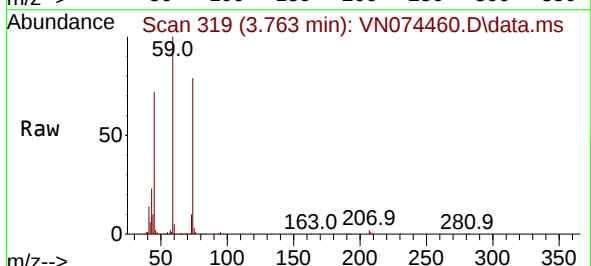
Tgt Ion:101 Resp: 41588
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.5 77.3

Manual Integrations
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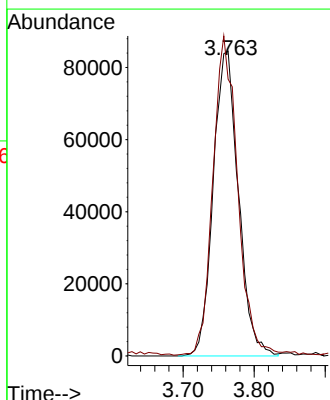
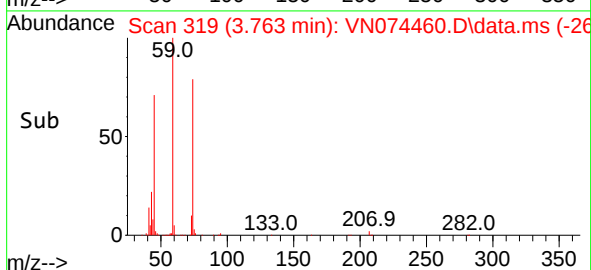
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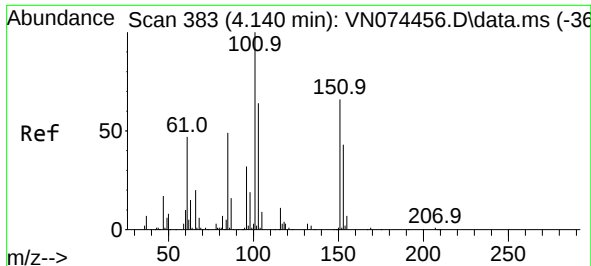


#8
 Diethyl Ether
 Concen: 45.968 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.006 min
 Lab File: VN074460.D
 Acq: 15 Sep 2022 14:14



Tgt Ion: 74 Resp: 208146
 Ion Ratio Lower Upper
 74 100
 45 102.3 42.9 128.5





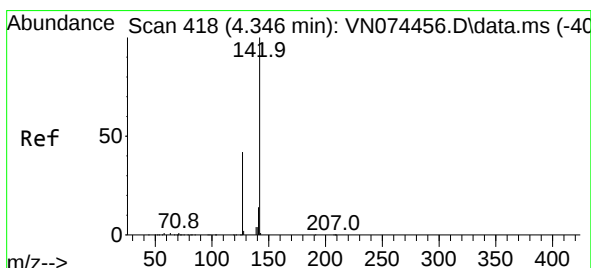
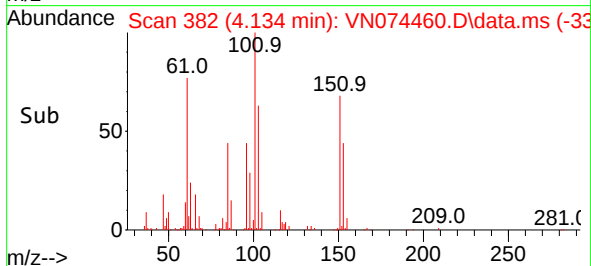
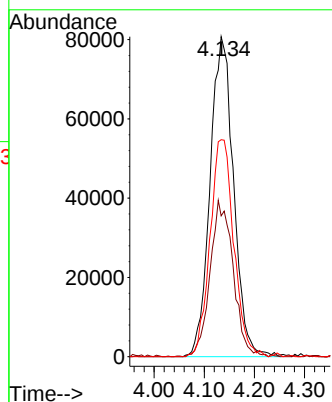
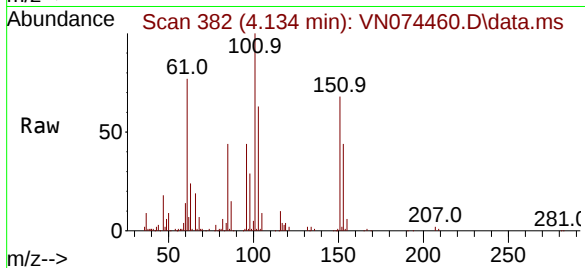
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.901 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522

Tgt Ion:101 Resp: 263135
Ion Ratio Lower Upper
101 100
85 47.9 34.7 52.1
151 68.6 63.0 94.4

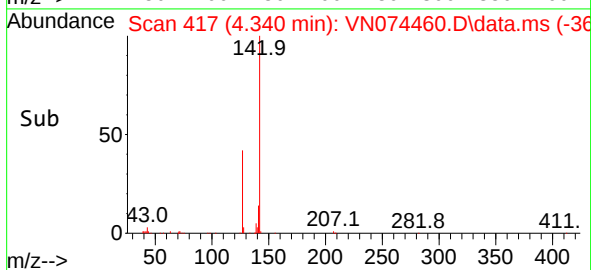
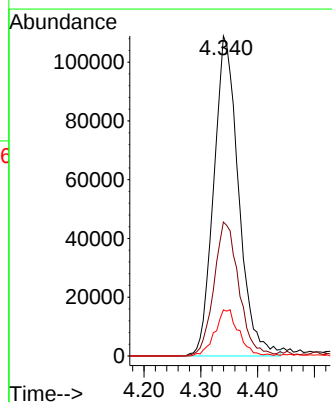
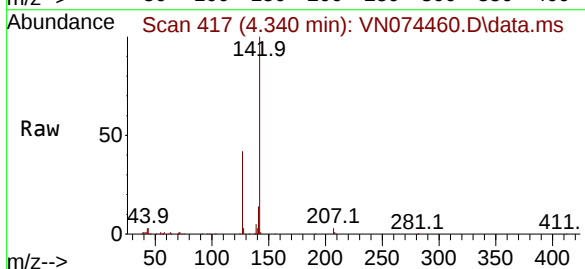
Manual Integrations
APPROVED

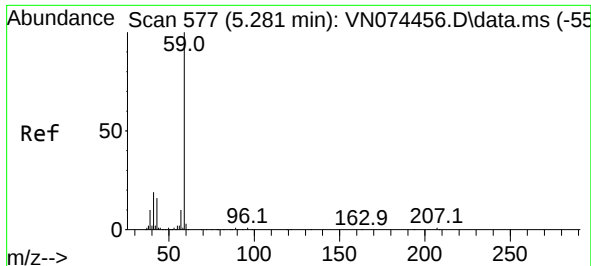
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#10
Methyl Iodide
Concen: 50.973 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

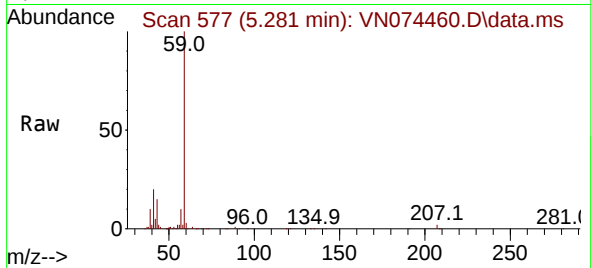
Tgt Ion:142 Resp: 330326
Ion Ratio Lower Upper
142 100
127 42.1 31.3 46.9
141 13.8 11.2 16.8





#11
Tert butyl alcohol
Concen: 214.778 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

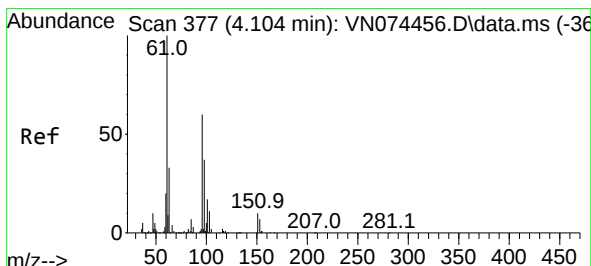
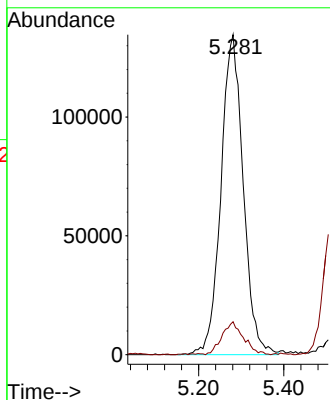
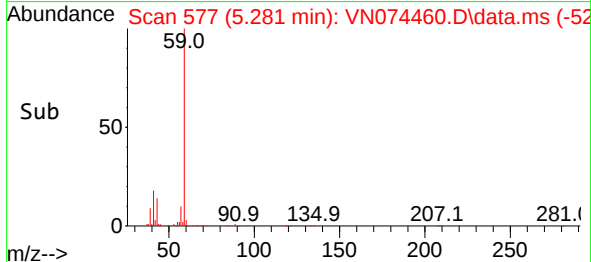
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



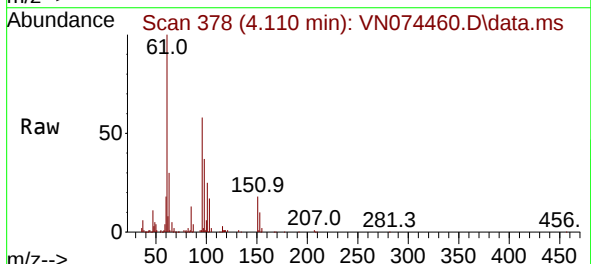
Tgt Ion: 59 Resp: 487250
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

Manual Integrations
APPROVED

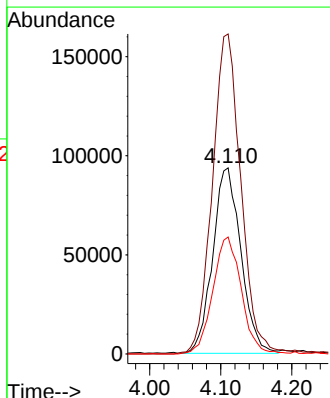
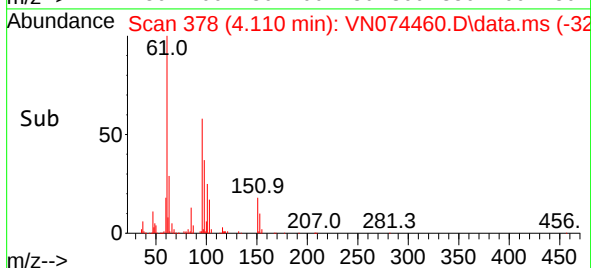
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

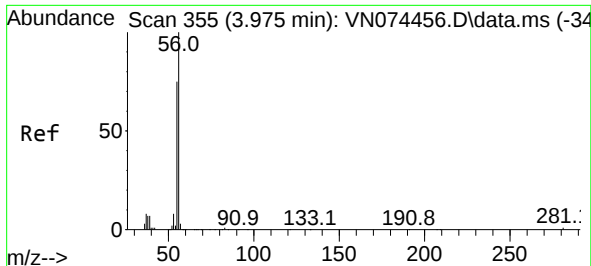


#12
1,1-Dichloroethene
Concen: 47.621 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14



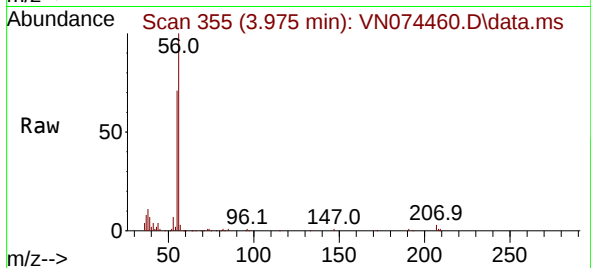
Tgt Ion: 96 Resp: 257492
Ion Ratio Lower Upper
96 100
61 172.2 127.6 191.4
98 63.1 51.2 76.8





#13
Acrolein
Concen: 211.272 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

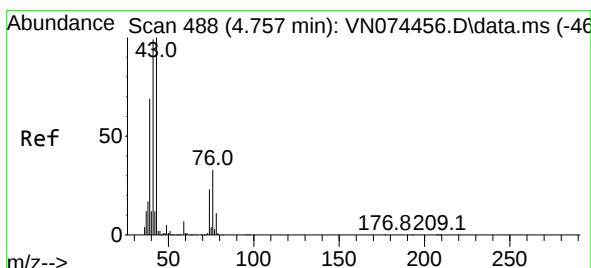
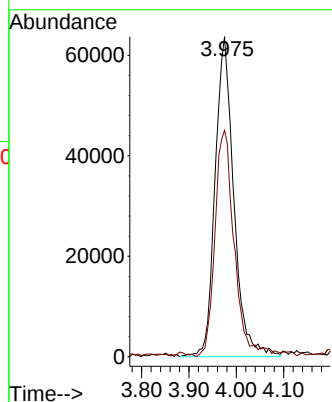
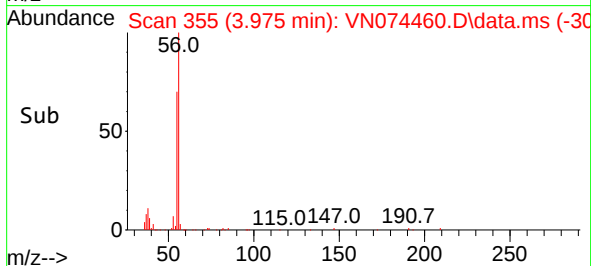
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



Tgt Ion: 56 Resp: 17503
Ion Ratio Lower Upper
56 100
55 71.8 54.8 82.2

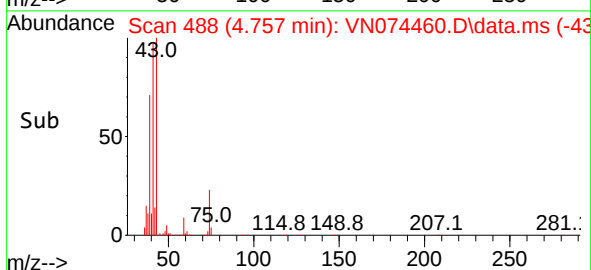
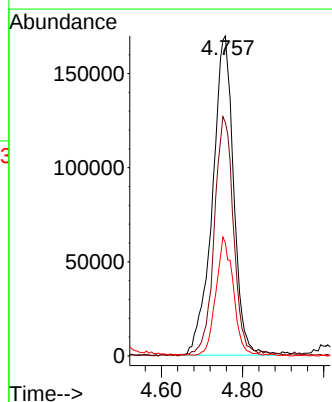
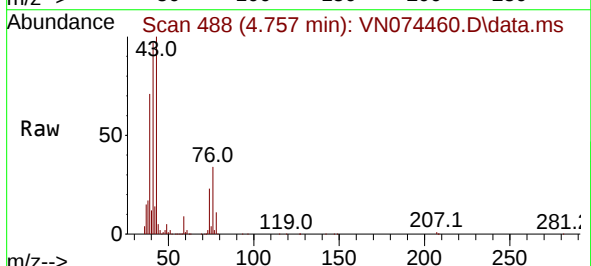
Manual Integrations
APPROVED

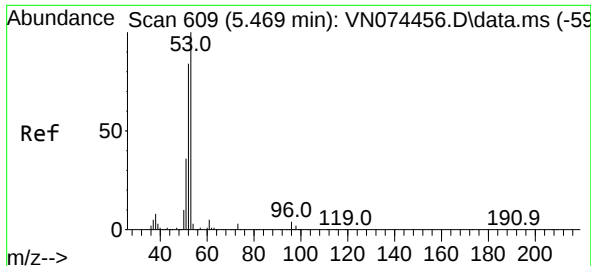
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#14
Allyl chloride
Concen: 47.778 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

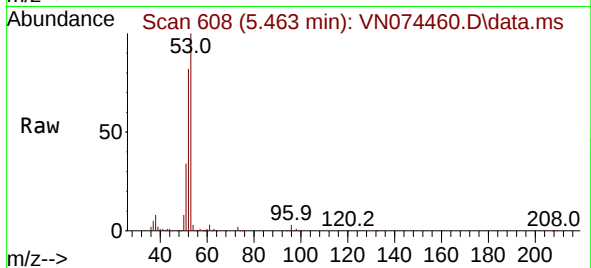
Tgt Ion: 41 Resp: 616718
Ion Ratio Lower Upper
41 100
39 68.1 53.2 79.8
76 30.2 29.9 44.9





#15
Acrylonitrile
Concen: 242.526 ug/l
RT: 5.463 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

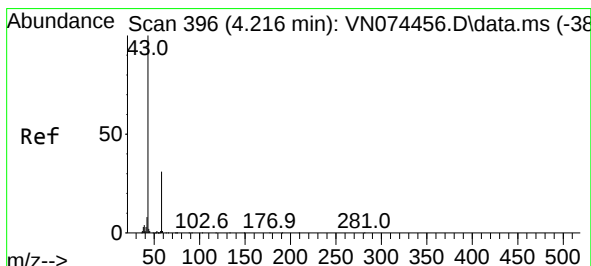
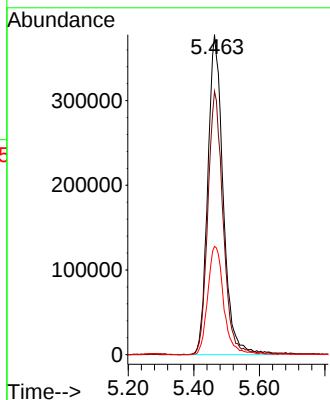
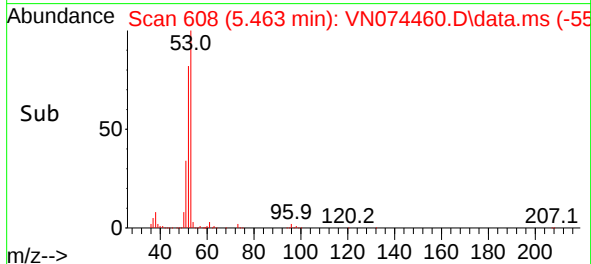
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



Tgt Ion: 53 Resp: 123608
Ion Ratio Lower Upper
53 100
52 81.2 66.4 99.6
51 34.9 28.5 42.7

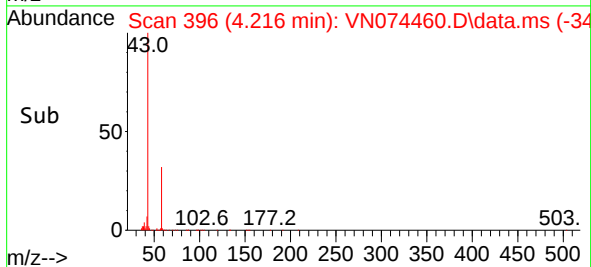
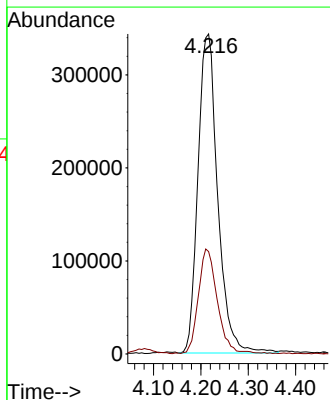
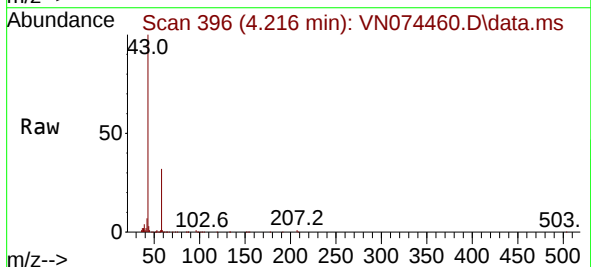
Manual Integrations
APPROVED

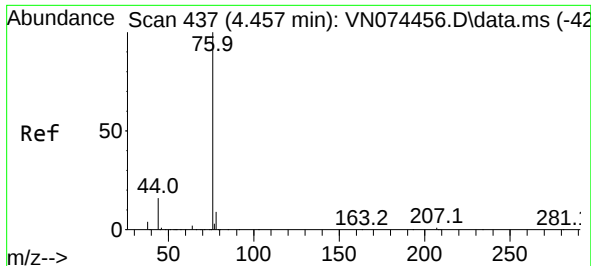
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#16
Acetone
Concen: 223.195 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

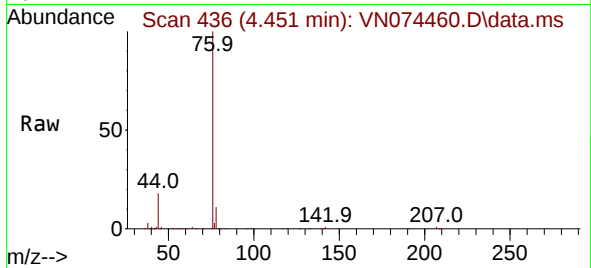
Tgt Ion: 43 Resp: 994645
Ion Ratio Lower Upper
43 100
58 31.9 26.0 39.0





#17
Carbon Disulfide
Concen: 47.372 ug/l
RT: 4.451 min Scan# 437
Delta R.T. -0.006 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

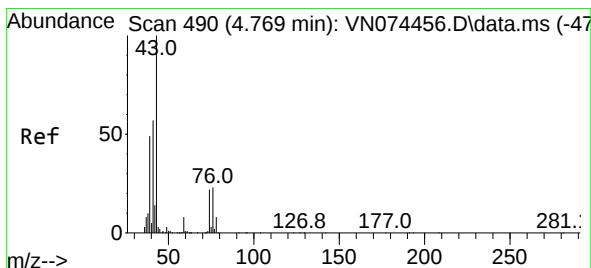
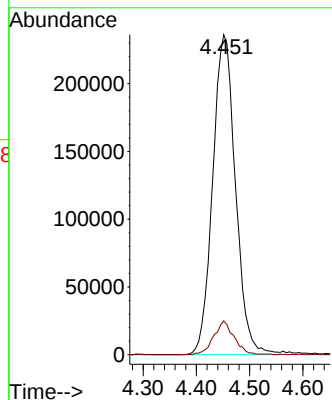
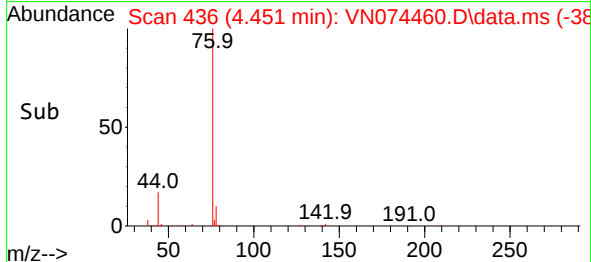
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



Tgt Ion: 76 Resp: 702197
Ion Ratio Lower Upper
76 100
78 10.5 7.2 10.8

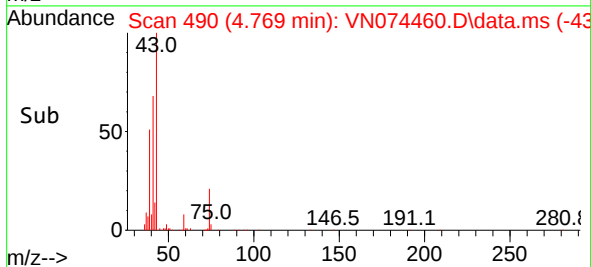
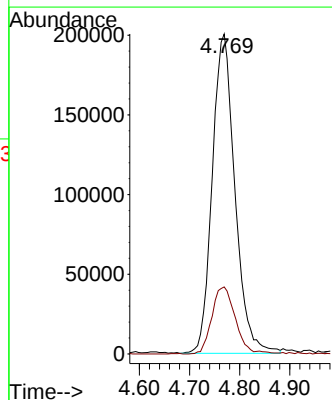
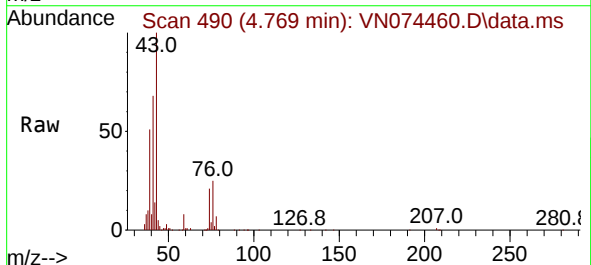
Manual Integrations
APPROVED

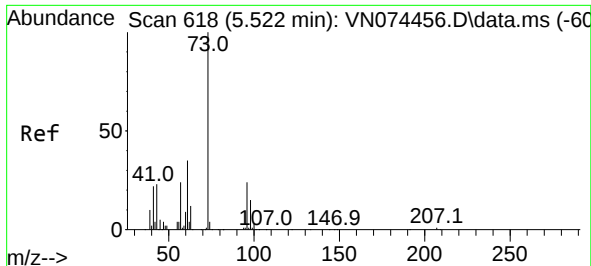
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#18
Methyl Acetate
Concen: 45.426 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

Tgt Ion: 43 Resp: 628764
Ion Ratio Lower Upper
43 100
74 21.7 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 48.332 ug/l

RT: 5.528 min Scan# 618

Delta R.T. 0.006 min

Lab File: VN074460.D

Acq: 15 Sep 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

ICV091522

Tgt Ion: 73 Resp: 110115

Ion Ratio Lower Upper

73 100

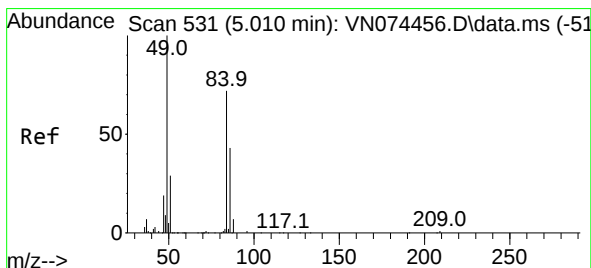
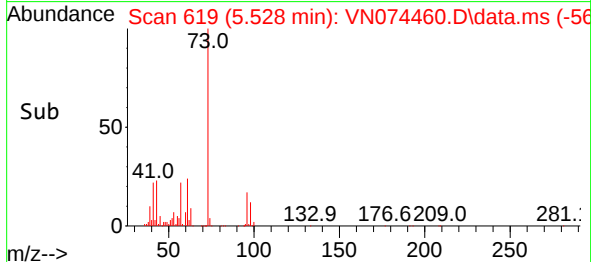
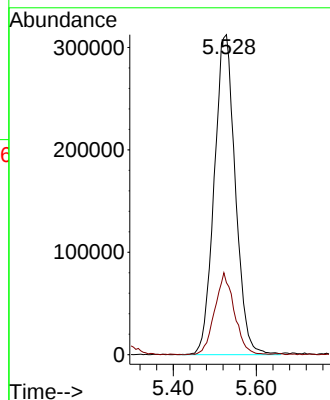
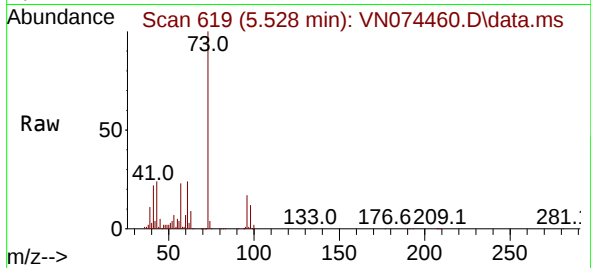
57 22.4 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#20

Methylene Chloride

Concen: 48.492 ug/l

RT: 5.010 min Scan# 531

Delta R.T. 0.000 min

Lab File: VN074460.D

Acq: 15 Sep 2022 14:14

Tgt Ion: 84 Resp: 329916

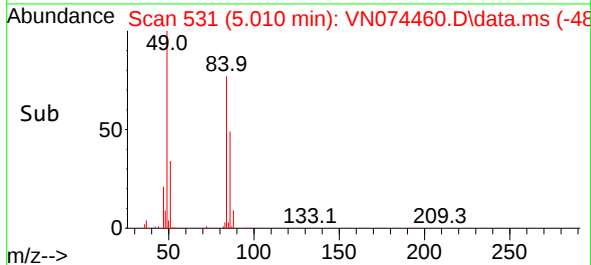
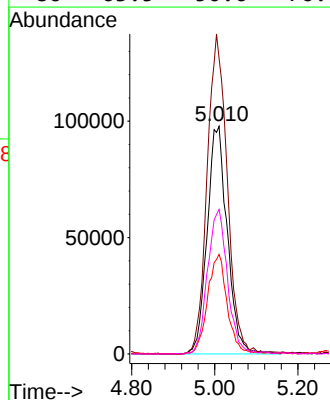
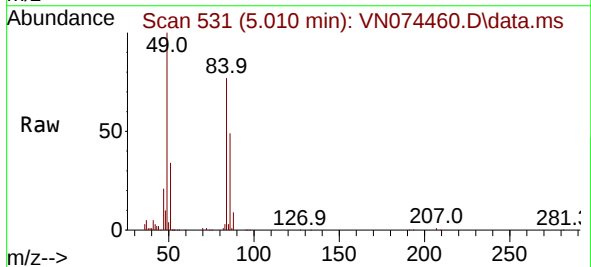
Ion Ratio Lower Upper

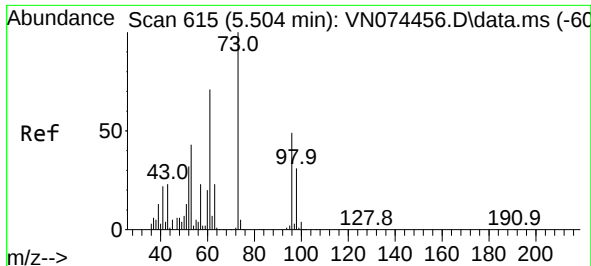
84 100

49 129.8 88.3 132.5

51 43.7 28.2 42.2#

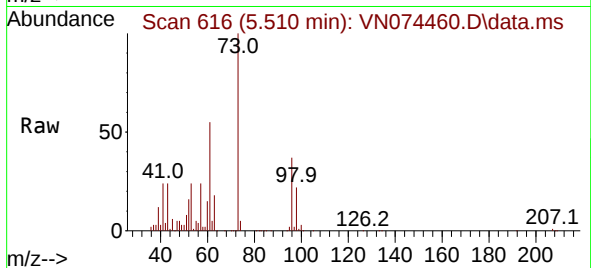
86 63.5 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 50.028 ug/l
RT: 5.510 min Scan# 615
Delta R.T. 0.006 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

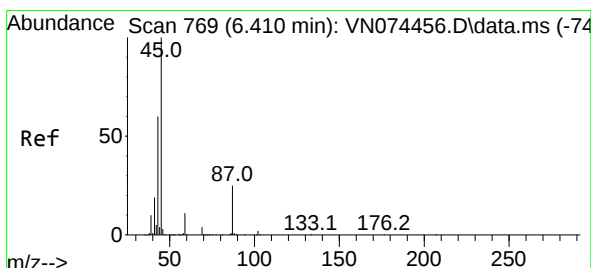
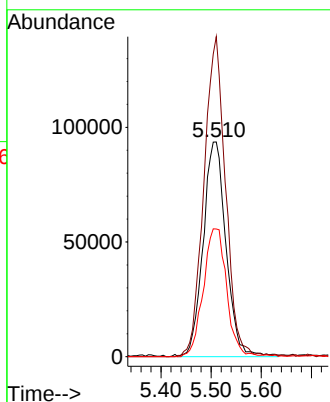
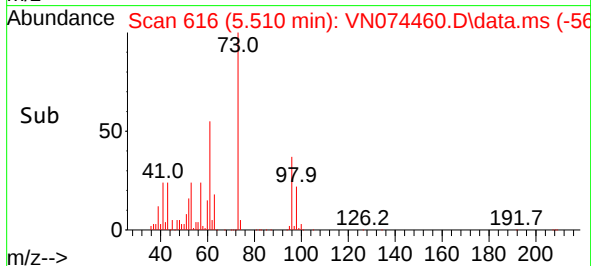
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



Tgt Ion: 96 Resp: 297044
Ion Ratio Lower Upper
96 100
61 148.5 105.8 158.8
98 59.5 50.3 75.5

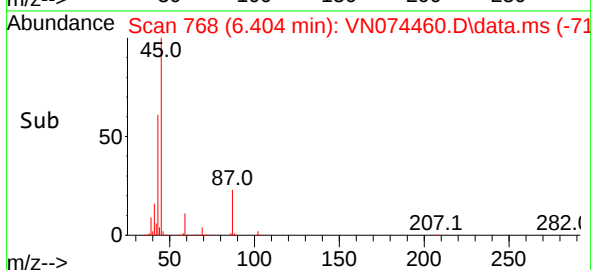
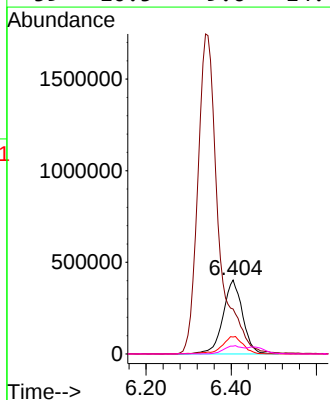
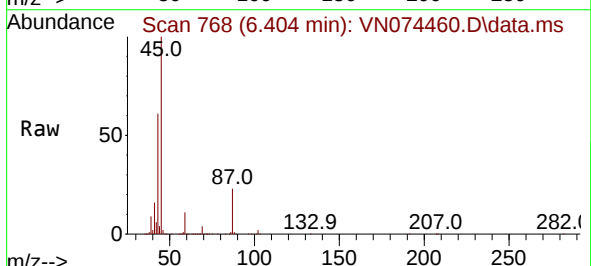
Manual Integrations
APPROVED

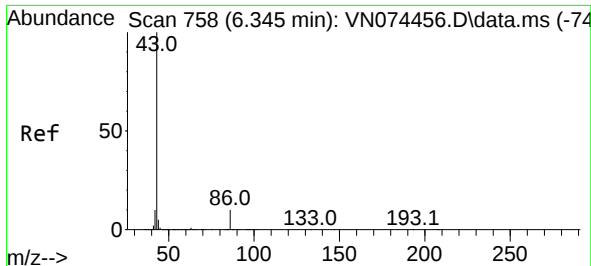
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#22
Diisopropyl ether
Concen: 49.474 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

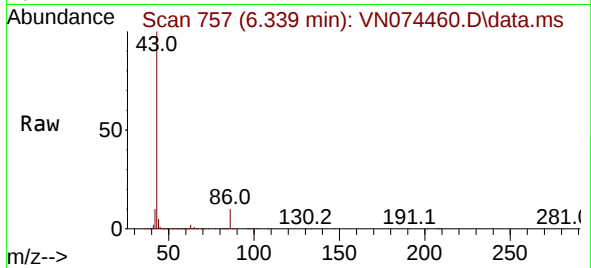
Tgt Ion: 45 Resp: 1282361
Ion Ratio Lower Upper
45 100
43 60.4 46.6 70.0
87 22.7 24.3 36.5#
59 10.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 254.537 ug/l
 RT: 6.339 min Scan# 757
 Delta R.T. -0.006 min
 Lab File: VN074460.D
 Acq: 15 Sep 2022 14:14

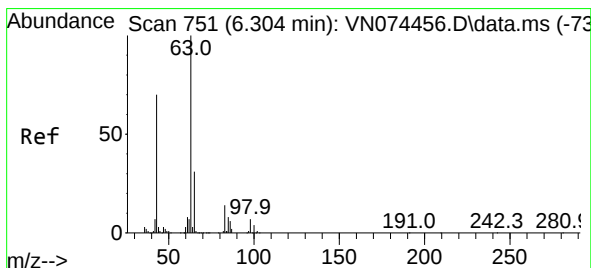
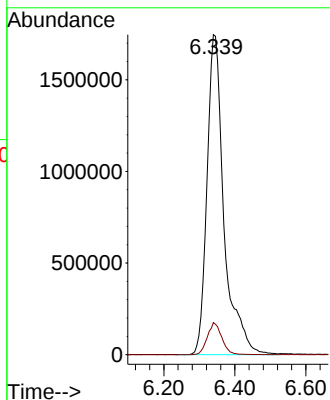
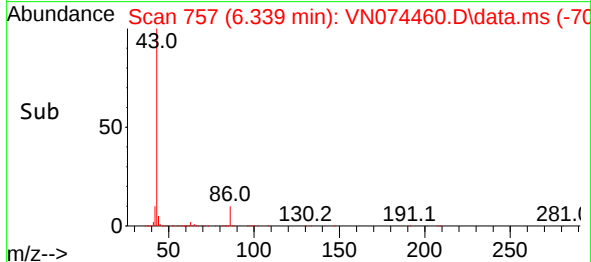
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091522



Tgt Ion: 43 Resp: 5819010
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.0 15.0

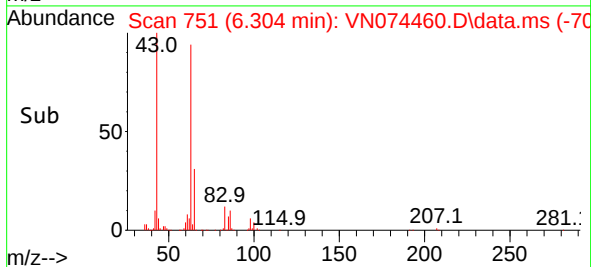
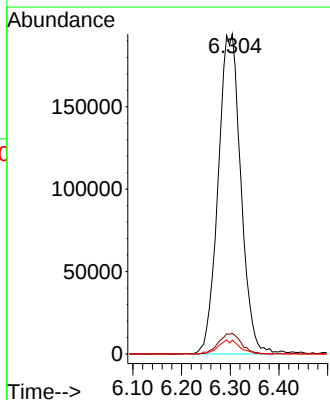
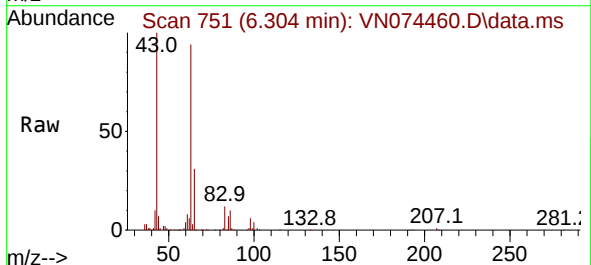
Manual Integrations
 APPROVED

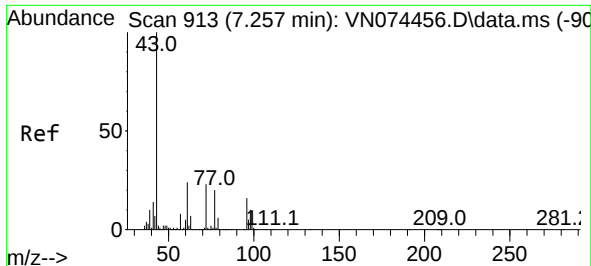
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#24
 1,1-Dichloroethane
 Concen: 48.520 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN074460.D
 Acq: 15 Sep 2022 14:14

Tgt Ion: 63 Resp: 628630
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 241.593 ug/l

RT: 7.251 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074460.D

Acq: 15 Sep 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091522

Tgt Ion: 43 Resp: 178754

Ion Ratio Lower Upper

43 100

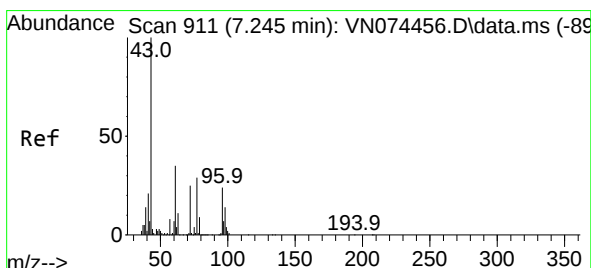
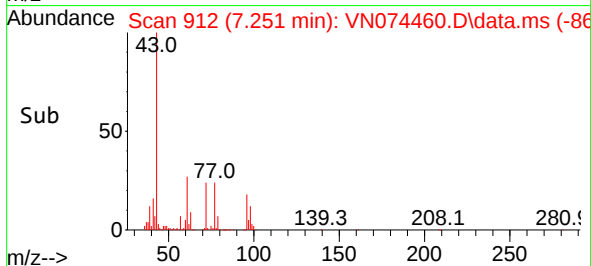
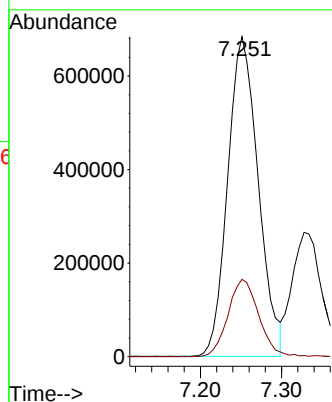
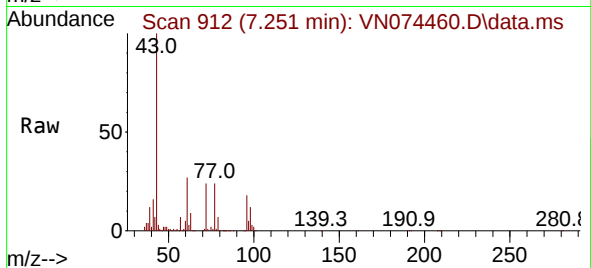
72 24.2 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#26

2,2-Dichloropropane

Concen: 47.053 ug/l

RT: 7.239 min Scan# 910

Delta R.T. -0.006 min

Lab File: VN074460.D

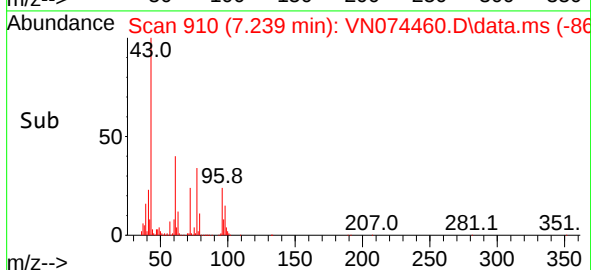
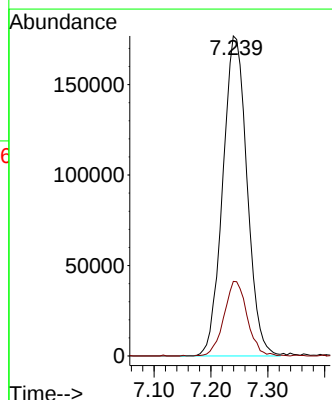
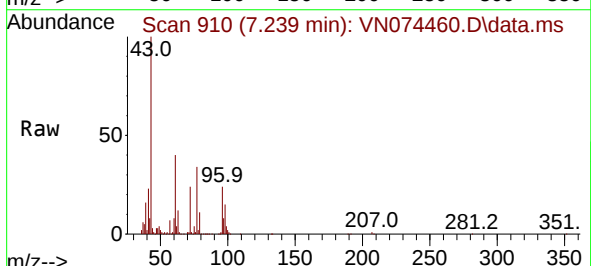
Acq: 15 Sep 2022 14:14

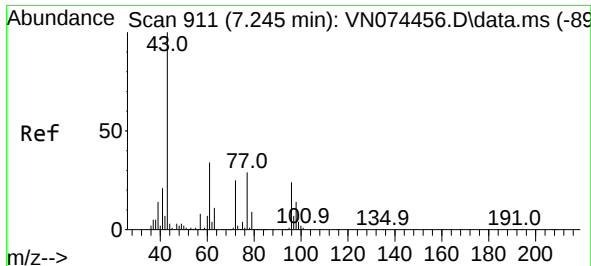
Tgt Ion: 77 Resp: 525593

Ion Ratio Lower Upper

77 100

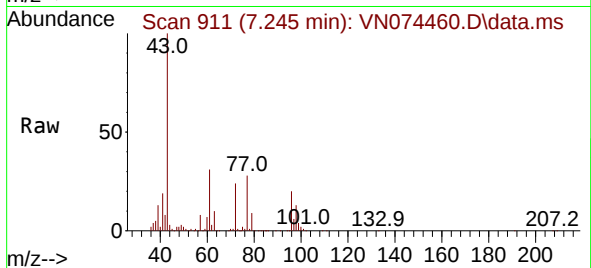
97 22.3 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 46.732 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN074460.D
 Acq: 15 Sep 2022 14:14

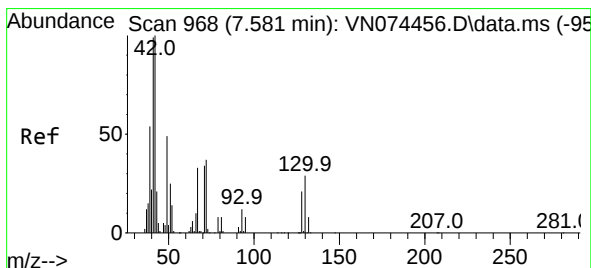
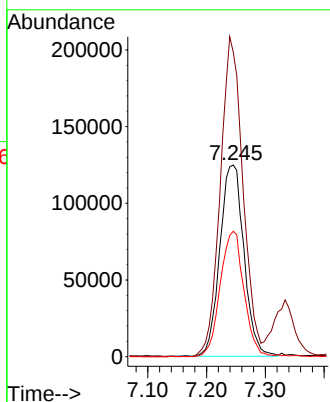
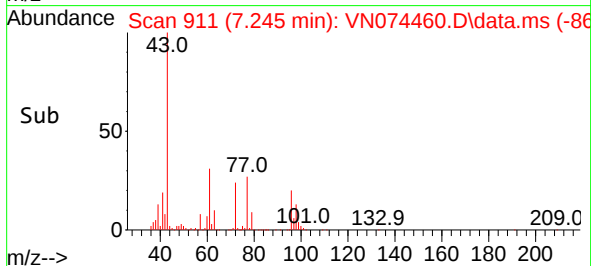
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091522



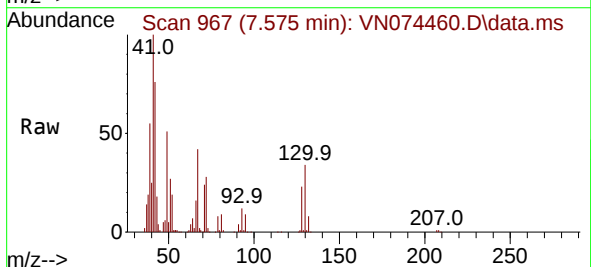
Tgt Ion: 96 Resp: 355160
 Ion Ratio Lower Upper
 96 100
 61 156.7 0.0 280.6
 98 64.4 0.0 128.4

Manual Integrations
 APPROVED

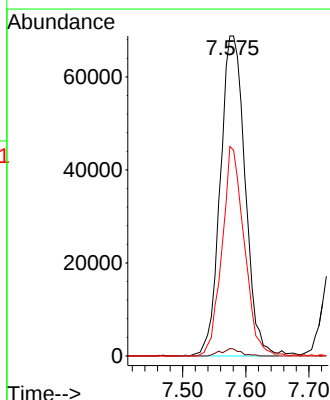
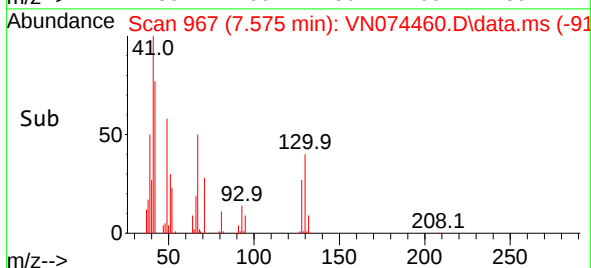
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

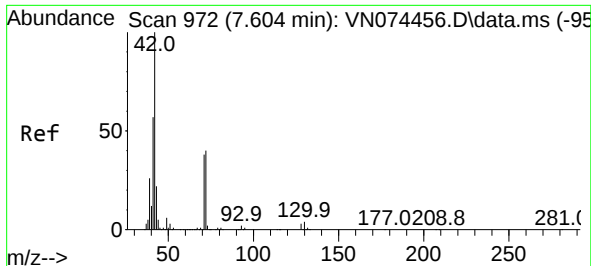


#28
 Bromochloromethane
 Concen: 49.066 ug/l
 RT: 7.575 min Scan# 967
 Delta R.T. -0.006 min
 Lab File: VN074460.D
 Acq: 15 Sep 2022 14:14



Tgt Ion: 49 Resp: 187210
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 58.9 69.7 104.5#





#29

Tetrahydrofuran

Concen: 243.308 ug/l

RT: 7.604 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074460.D

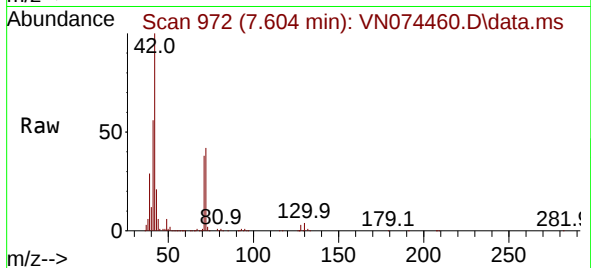
Acq: 15 Sep 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091522



Tgt Ion: 42 Resp: 1183628

Ion Ratio Lower Upper

42 100

72 39.5 39.7 59.5

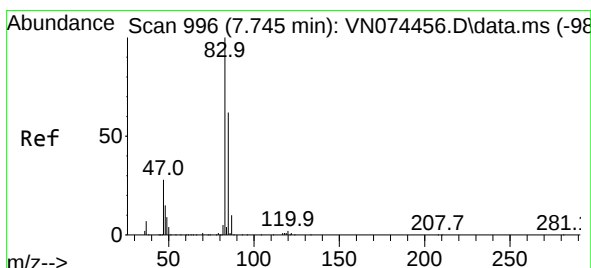
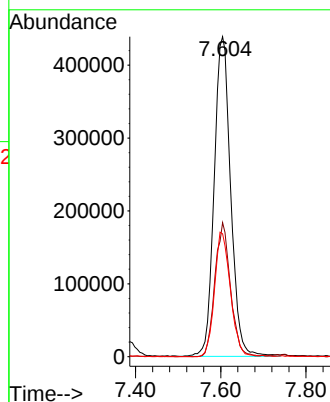
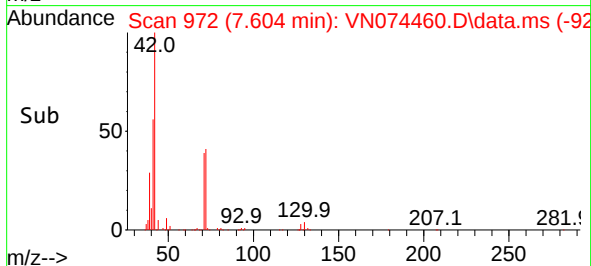
71 37.6 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#30

Chloroform

Concen: 50.291 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN074460.D

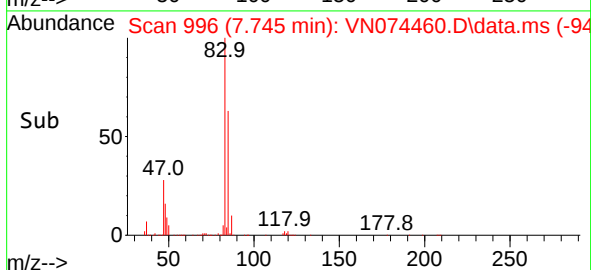
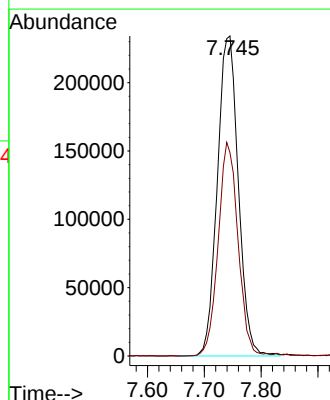
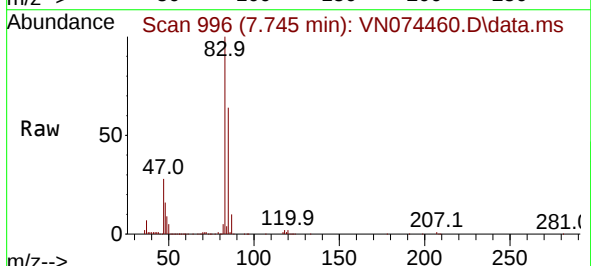
Acq: 15 Sep 2022 14:14

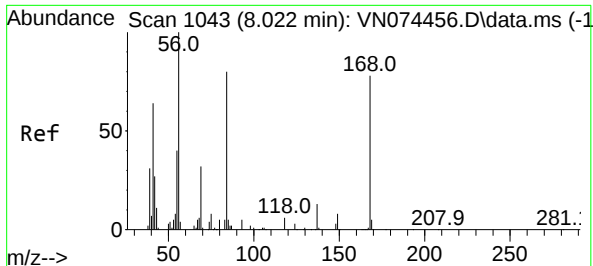
Tgt Ion: 83 Resp: 601402

Ion Ratio Lower Upper

83 100

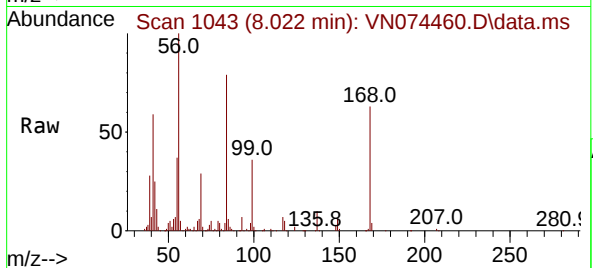
85 63.6 51.8 77.8





#31
Cyclohexane
Concen: 47.102 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

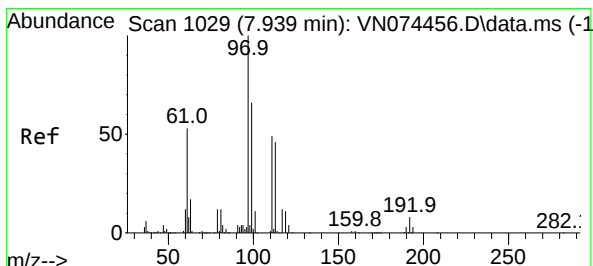
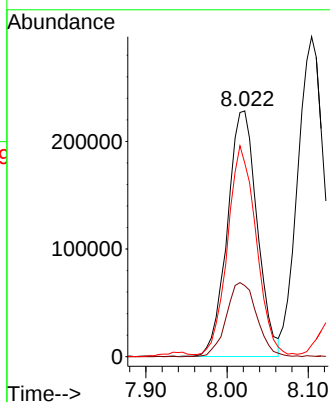
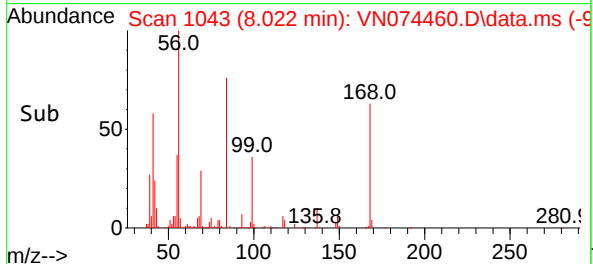
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



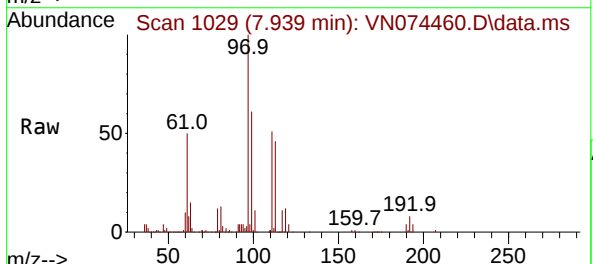
Tgt Ion: 56 Resp: 582248
Ion Ratio Lower Upper
56 100
69 28.3 27.8 41.8
84 77.1 76.9 115.3

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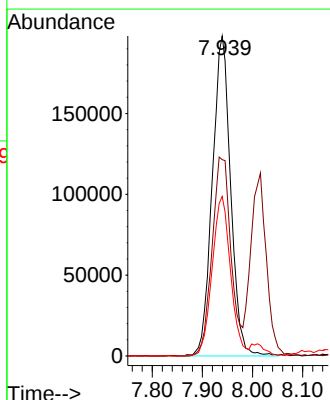
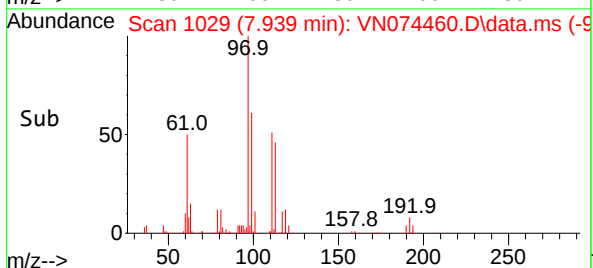
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

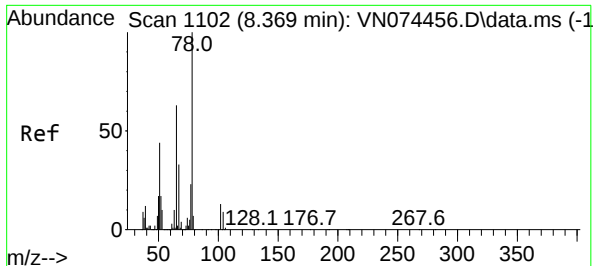


#32
1,1,1-Trichloroethane
Concen: 47.944 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14



Tgt Ion: 97 Resp: 502840
Ion Ratio Lower Upper
97 100
99 64.4 50.6 76.0
61 50.1 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 49.217 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074460.D

Acq: 15 Sep 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091522

Tgt Ion: 65 Resp: 34275

Ion Ratio Lower Upper

65 100

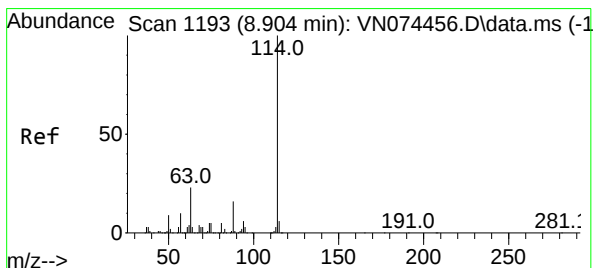
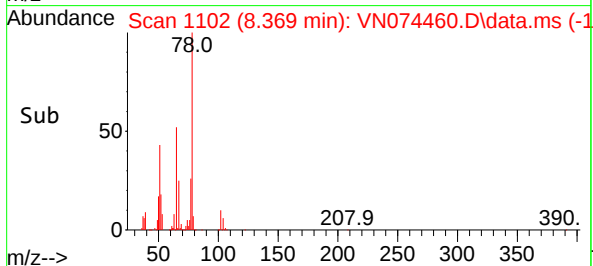
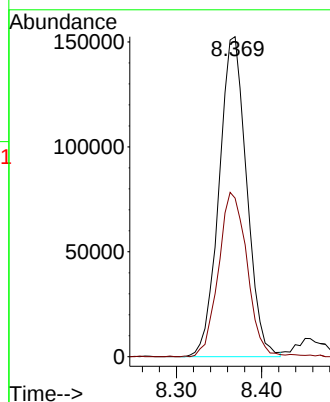
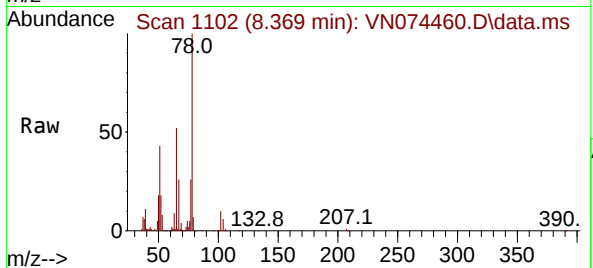
67 53.1 0.0 104.8

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: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN074460.D

Acq: 15 Sep 2022 14:14

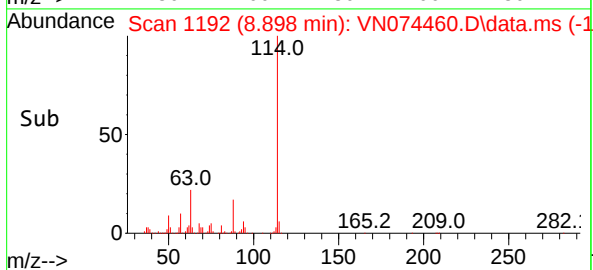
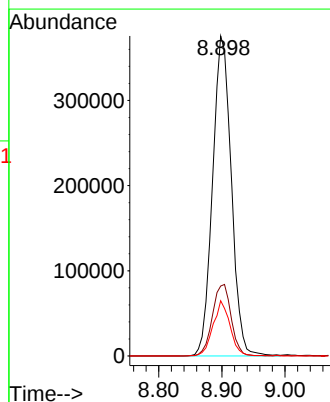
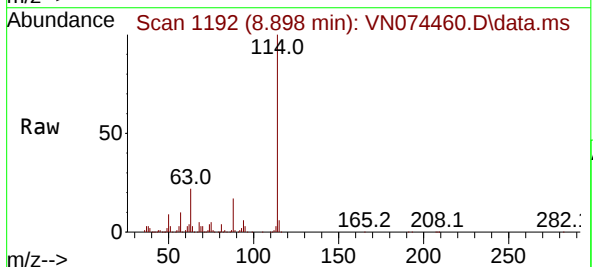
Tgt Ion:114 Resp: 775125

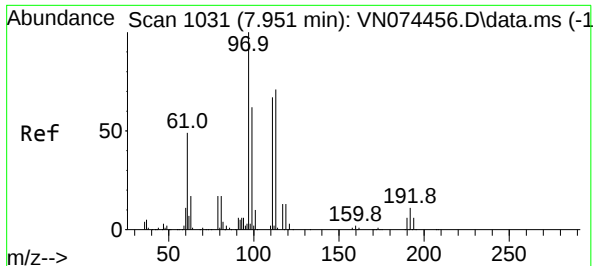
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 17.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.222 ug/l

RT: 7.945 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VN074460.D

Acq: 15 Sep 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091522

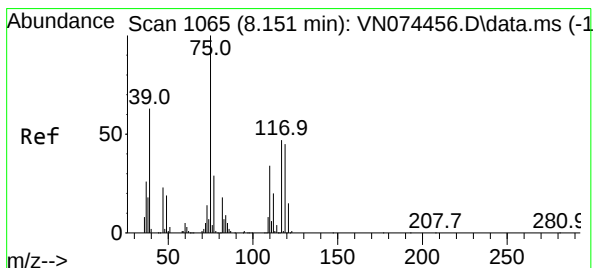
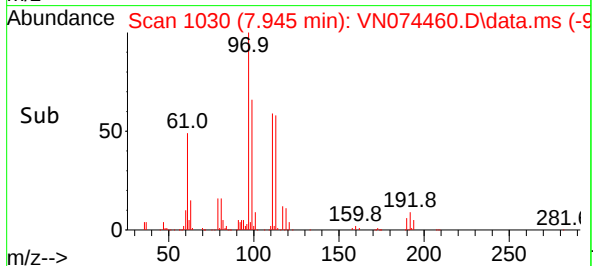
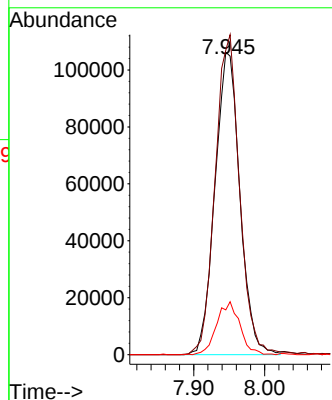
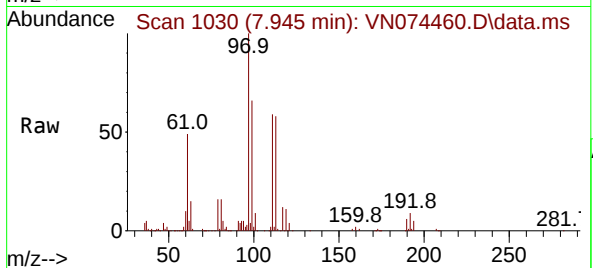
Tgt Ion:	113	Resp:	25859
Ion Ratio	Lower	Upper	
113	100		
111	103.5	81.4	122.0
192	16.3	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#36

1,1-Dichloropropene

Concen: 48.945 ug/l

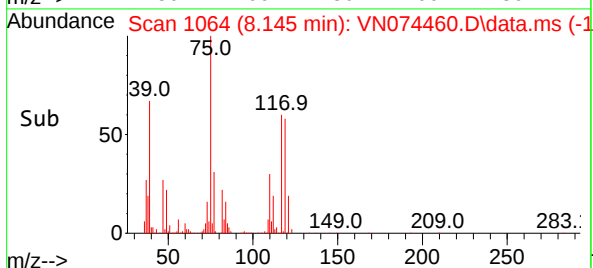
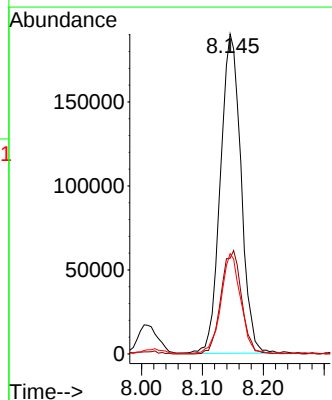
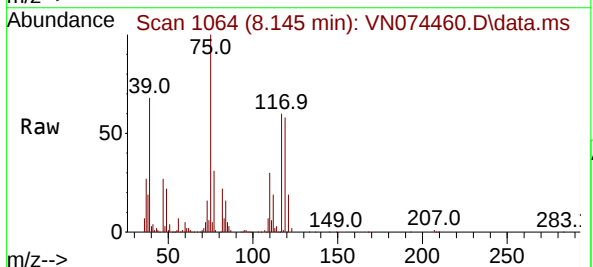
RT: 8.145 min Scan# 1064

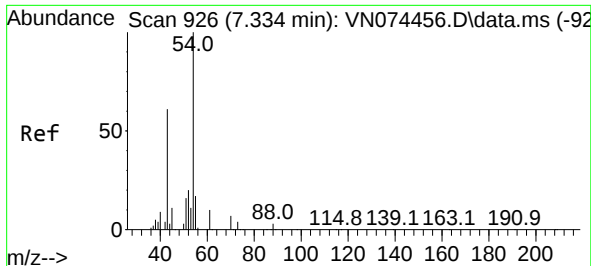
Delta R.T. -0.006 min

Lab File: VN074460.D

Acq: 15 Sep 2022 14:14

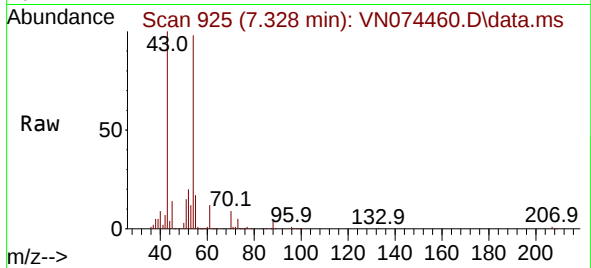
Tgt Ion:	75	Resp:	446082
Ion Ratio	Lower	Upper	
75	100		
110	32.4	18.3	54.8
77	30.1	25.1	37.7





#37
Ethyl Acetate
Concen: 48.992 ug/l
RT: 7.328 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

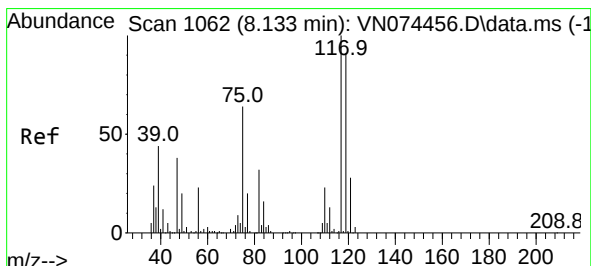
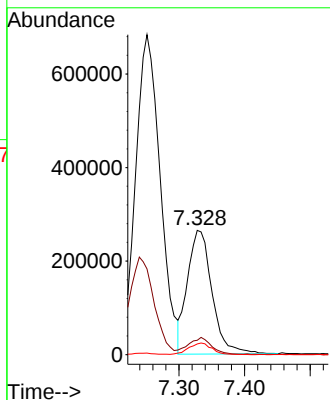
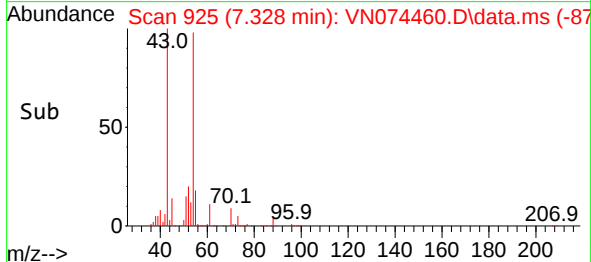
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



Tgt Ion: 43 Resp: 68956
Ion Ratio Lower Upper
43 100
61 12.3 11.8 17.6
70 9.0 9.3 13.9

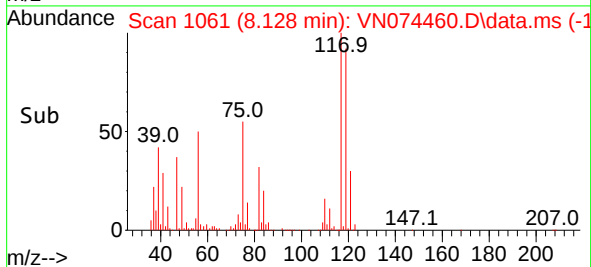
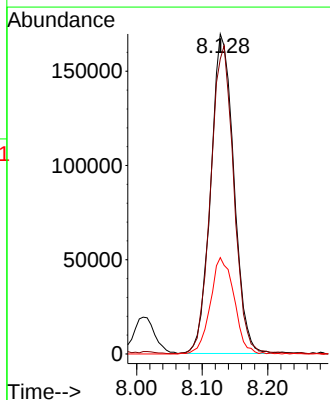
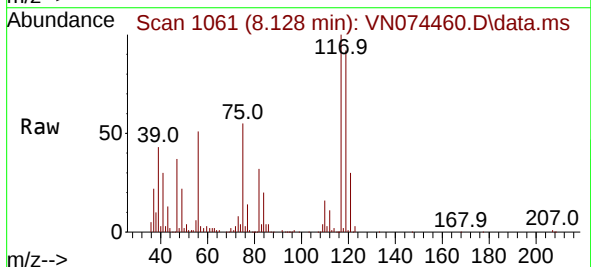
Manual Integrations
APPROVED

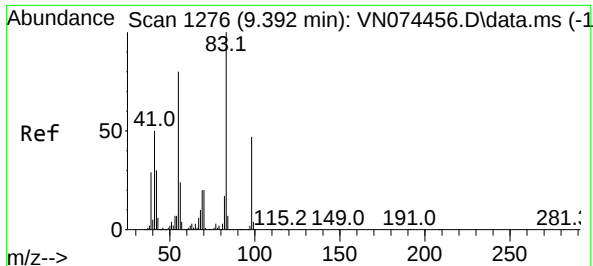
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#38
Carbon Tetrachloride
Concen: 49.174 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.005 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

Tgt Ion:117 Resp: 413787
Ion Ratio Lower Upper
117 100
119 92.2 75.8 113.8
121 30.1 24.6 37.0





#39

Methylcyclohexane

Concen: 51.102 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN074460.D

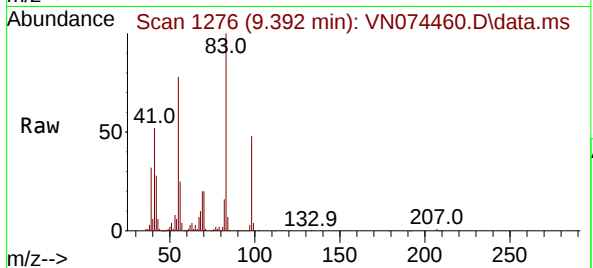
Acq: 15 Sep 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091522



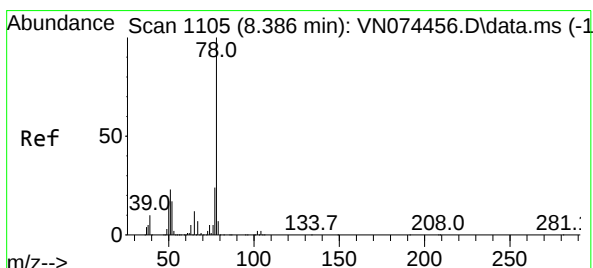
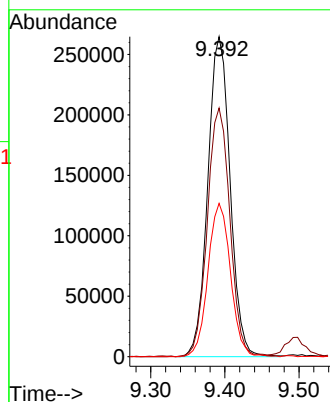
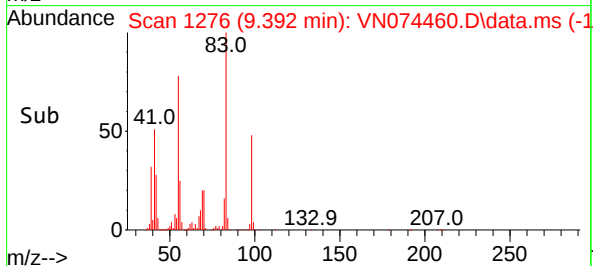
Tgt Ion: 83	Resp: 55380
Ion Ratio	Lower Upper
83	100
55	77.5 57.8 86.8
98	47.9 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#40

Benzene

Concen: 50.370 ug/l

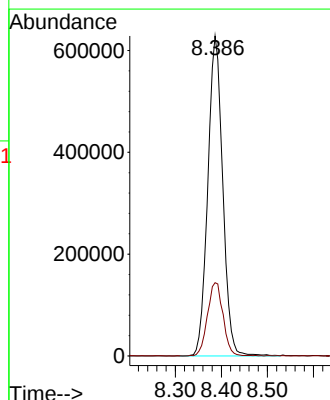
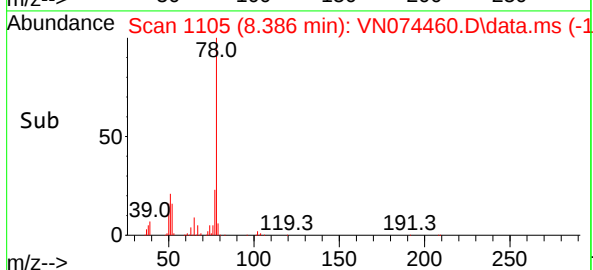
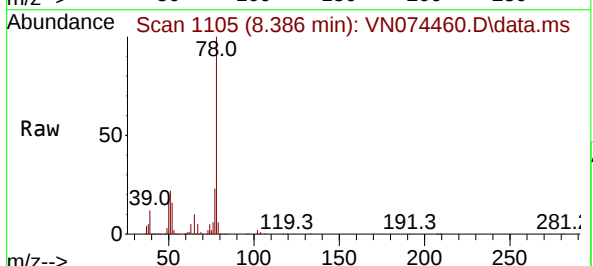
RT: 8.386 min Scan# 1105

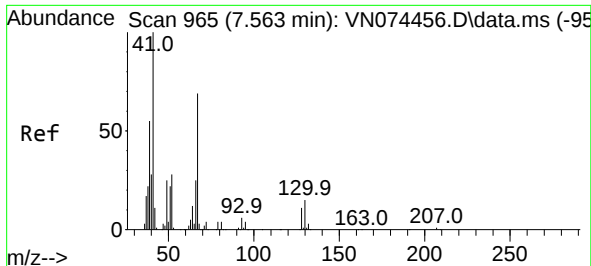
Delta R.T. 0.000 min

Lab File: VN074460.D

Acq: 15 Sep 2022 14:14

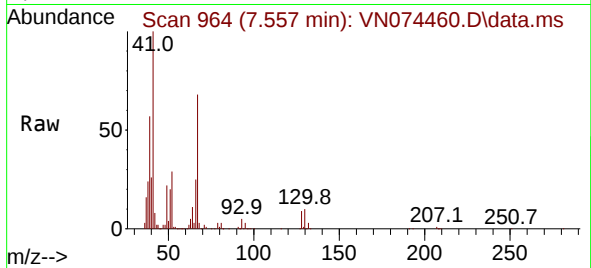
Tgt Ion: 78	Resp: 1419554
Ion Ratio	Lower Upper
78	100
77	22.9 19.4 29.0





#41
Methacrylonitrile
Concen: 51.986 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

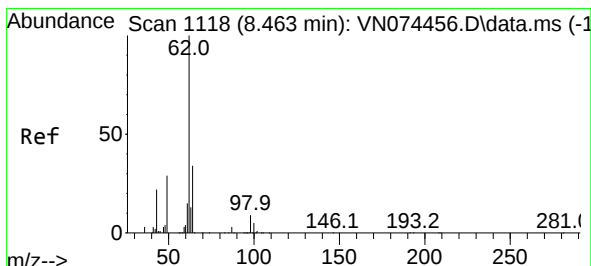
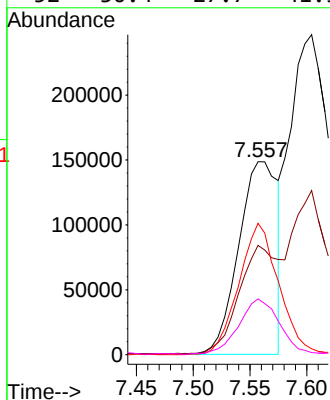
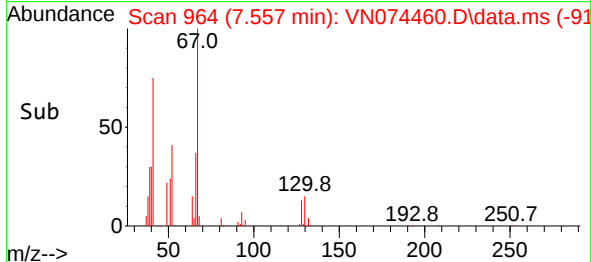
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



Tgt Ion: 41 Resp: 35375
Ion Ratio Lower Upper
41 100
39 54.6 48.6 73.0
67 70.6 73.4 110.2
52 30.4 27.7 41.5

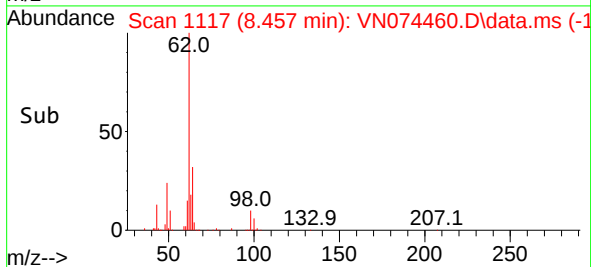
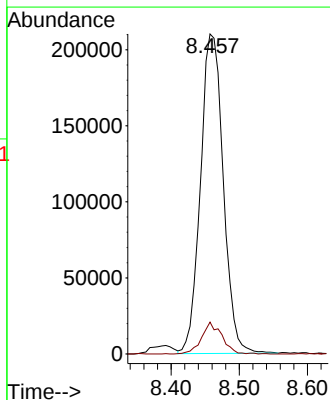
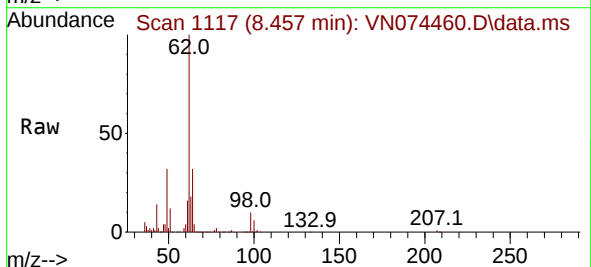
Manual Integrations
APPROVED

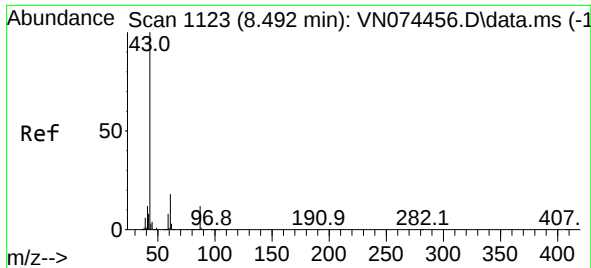
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#42
1,2-Dichloroethane
Concen: 50.631 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

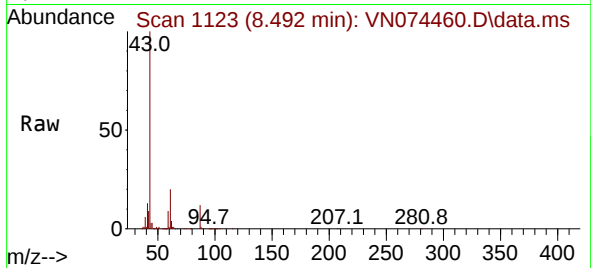
Tgt Ion: 62 Resp: 489674
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.4





#43
Isopropyl Acetate
Concen: 50.008 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

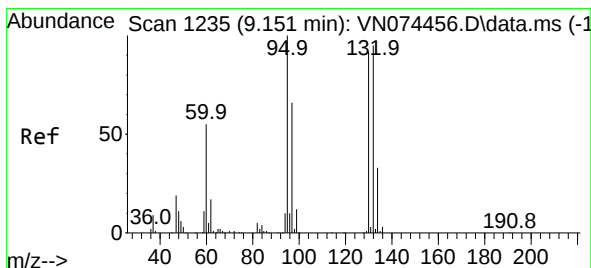
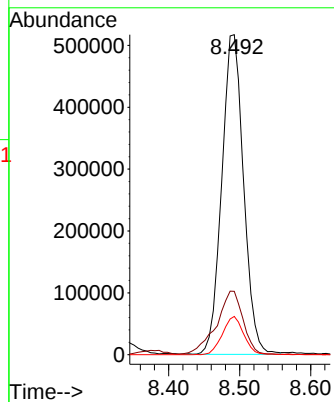
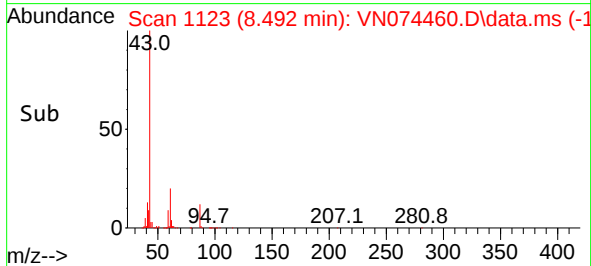
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



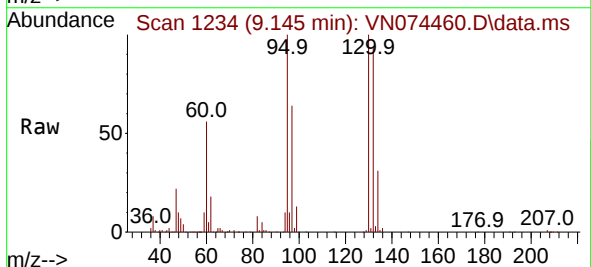
Tgt Ion: 43 Resp: 1102510
Ion Ratio Lower Upper
43 100
61 24.1 21.9 32.9
87 11.6 12.0 18.0

Manual Integrations
APPROVED

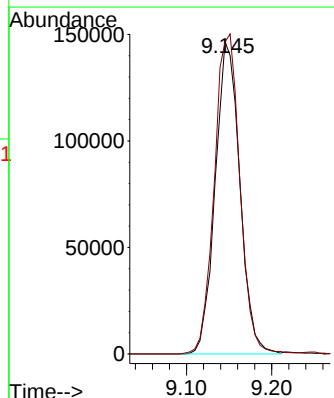
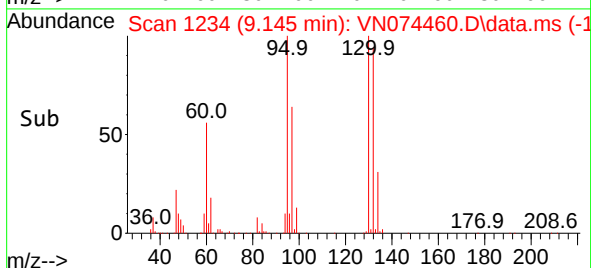
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

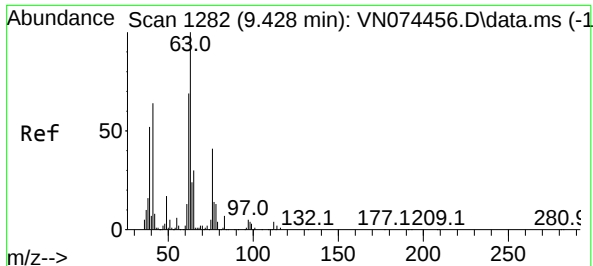


#44
Trichloroethene
Concen: 48.248 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14



Tgt Ion:130 Resp: 294231
Ion Ratio Lower Upper
130 100
95 99.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 49.896 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN074460.D

Acq: 15 Sep 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091522

Tgt Ion: 63 Resp: 38646

Ion Ratio Lower Upper

63 100

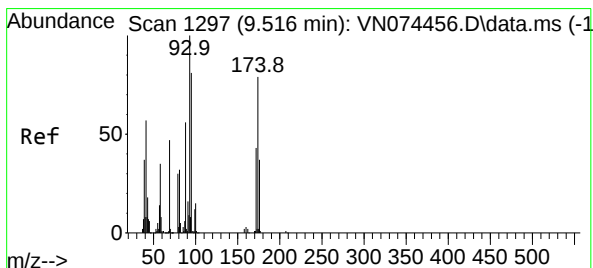
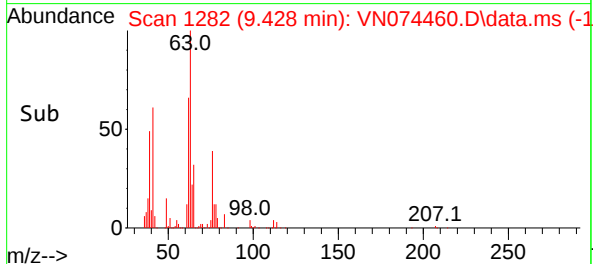
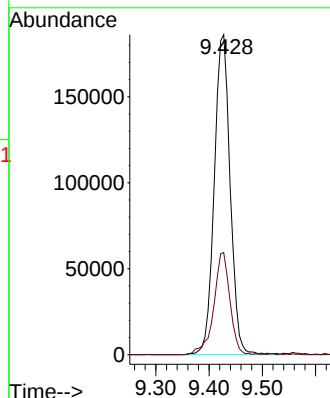
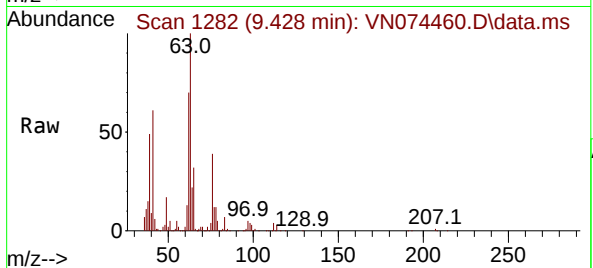
65 31.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#46

Dibromomethane

Concen: 47.983 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN074460.D

Acq: 15 Sep 2022 14:14

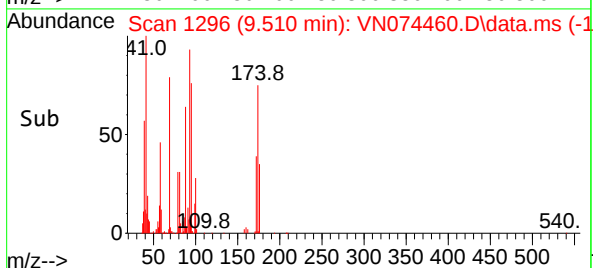
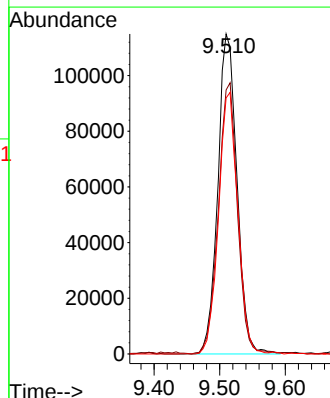
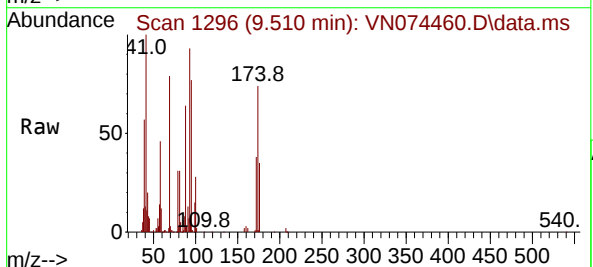
Tgt Ion: 93 Resp: 232761

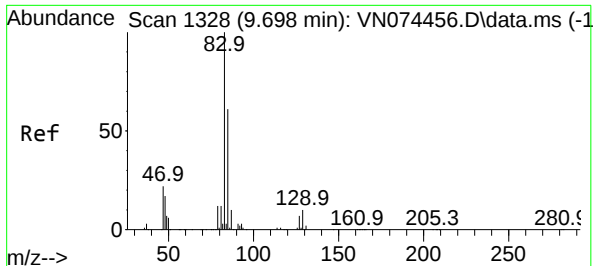
Ion Ratio Lower Upper

93 100

95 84.7 66.9 100.3

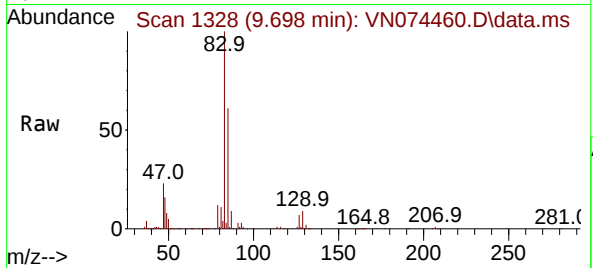
174 82.1 86.6 130.0#





#47
Bromodichloromethane
Concen: 51.318 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

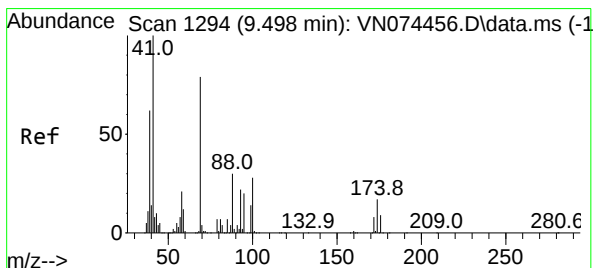
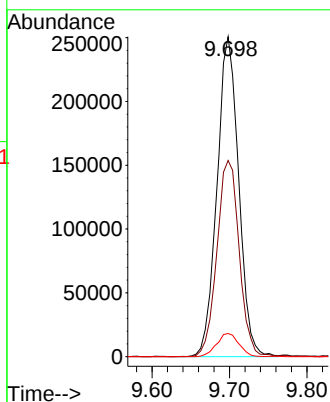
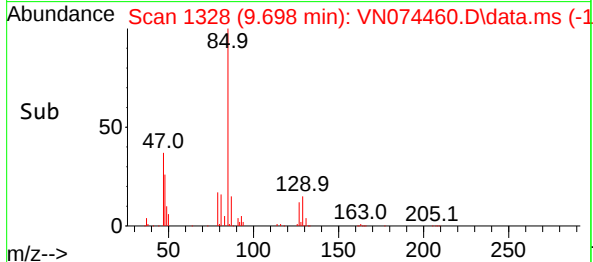
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



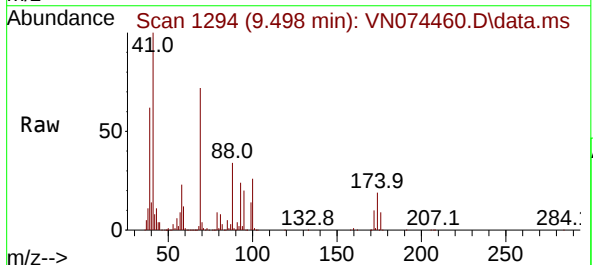
Tgt Ion: 83 Resp: 488059
Ion Ratio Lower Upper
83 100
85 61.2 50.5 75.7
127 7.3 6.8 10.2

Manual Integrations
APPROVED

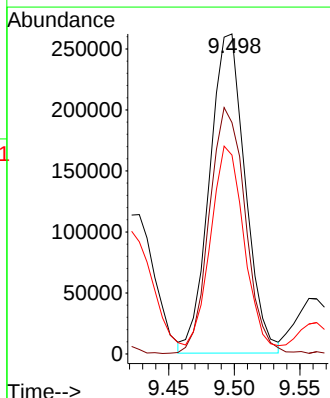
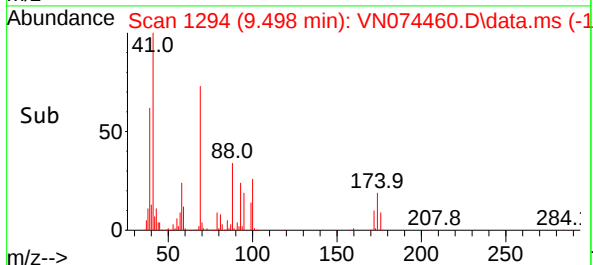
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

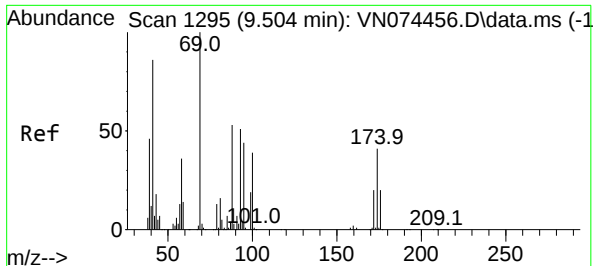


#48
Methyl methacrylate
Concen: 50.744 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14



Tgt Ion: 41 Resp: 496065
Ion Ratio Lower Upper
41 100
69 77.5 74.7 112.1
39 62.1 45.6 68.4





#49

1,4-Dioxane

Concen: 958.698 ug/l

RT: 9.498 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VN074460.D

Acq: 15 Sep 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091522

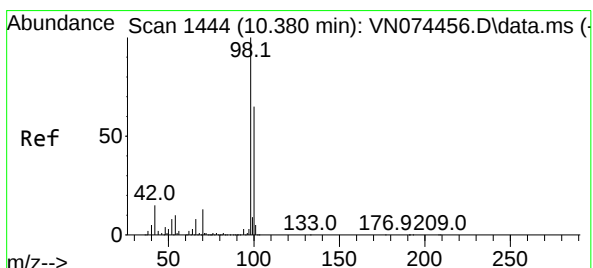
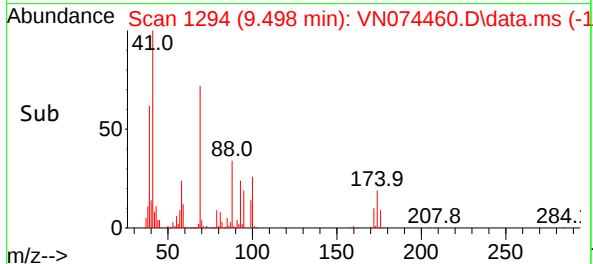
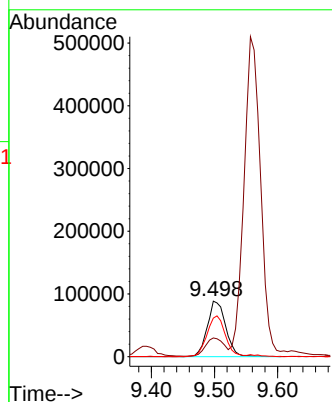
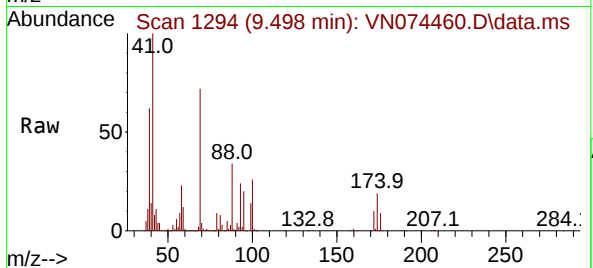
Tgt Ion: 88 Resp: 180184
 Ion Ratio Lower Upper
 88 100
 43 32.7 20.2 30.4
 58 73.0 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#50

Toluene-d8

Concen: 50.868 ug/l

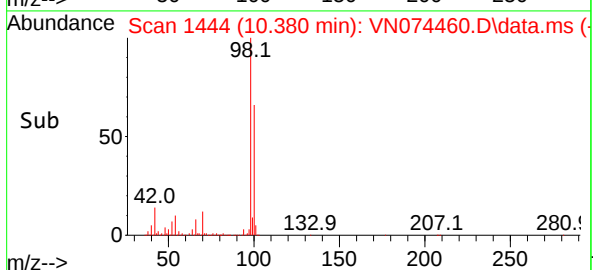
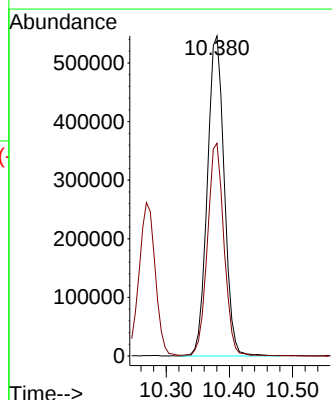
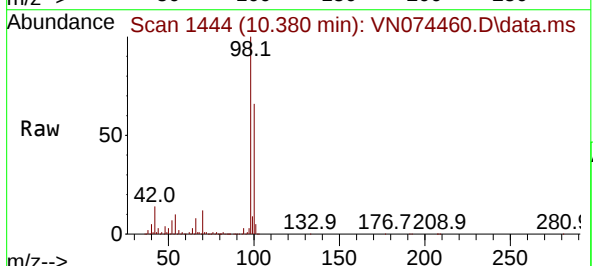
RT: 10.380 min Scan# 1444

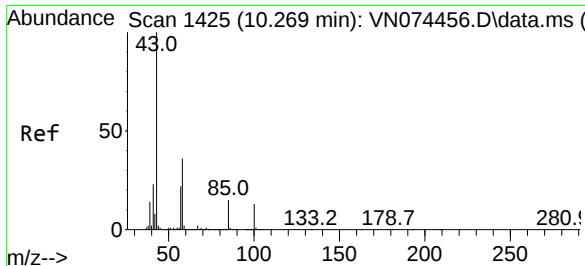
Delta R.T. 0.000 min

Lab File: VN074460.D

Acq: 15 Sep 2022 14:14

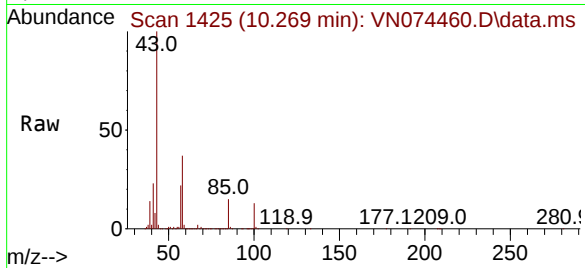
Tgt Ion: 98 Resp: 1012940
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 252.669 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

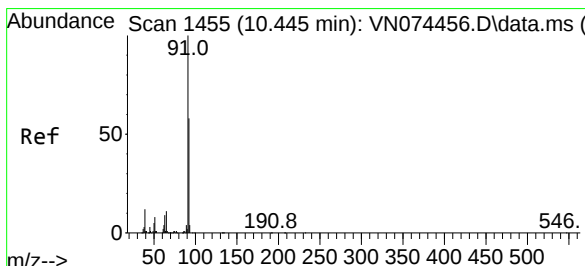
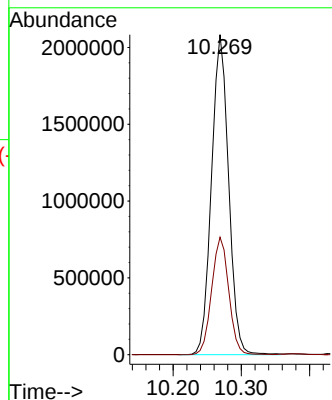
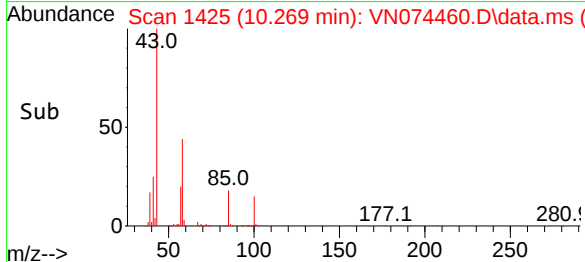
Instrument :
MSVOA_N
ClientSampleId :
ICVNVN091522



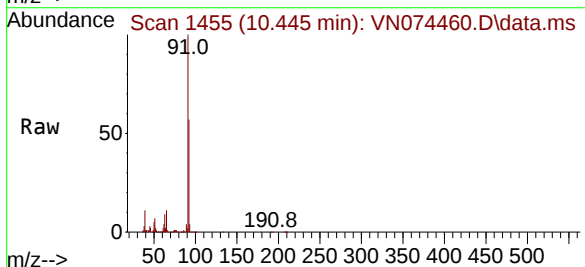
Tgt Ion: 43 Resp: 363769
Ion Ratio Lower Upper
43 100
58 36.7 34.1 51.1

Manual Integrations
APPROVED

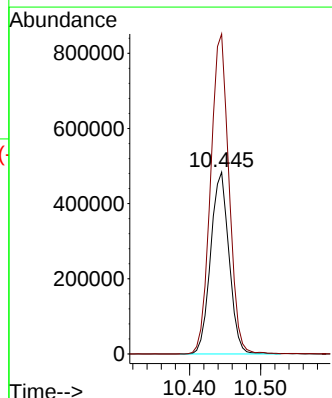
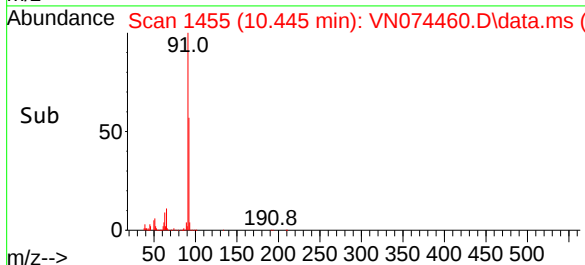
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

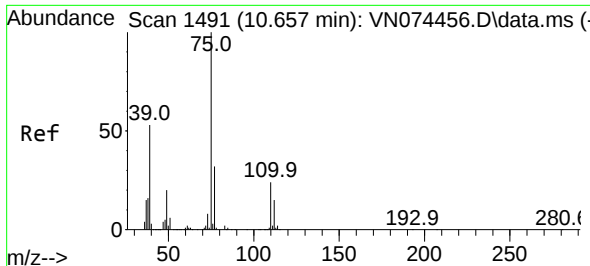


#52
Toluene
Concen: 52.491 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14



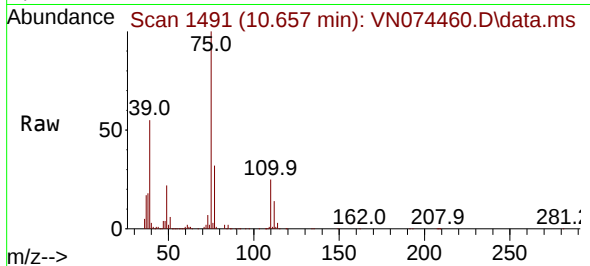
Tgt Ion: 92 Resp: 867482
Ion Ratio Lower Upper
92 100
91 176.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 52.046 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

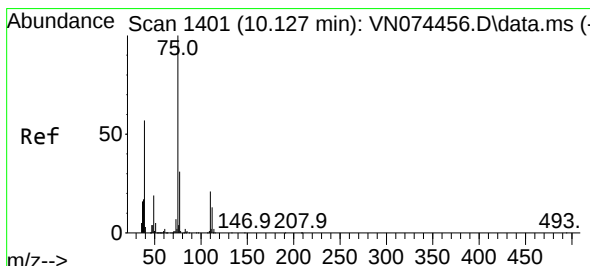
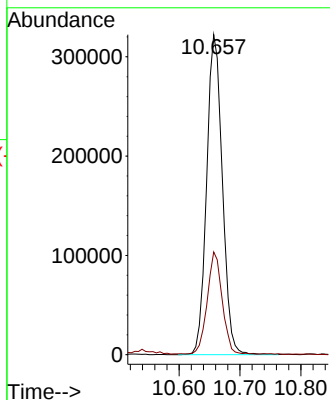
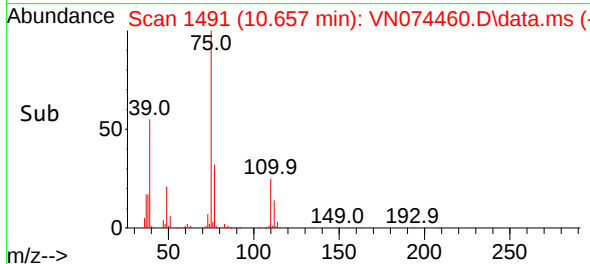
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



Tgt Ion: 75 Resp: 576892
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4

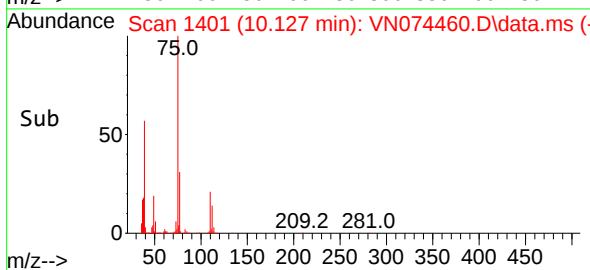
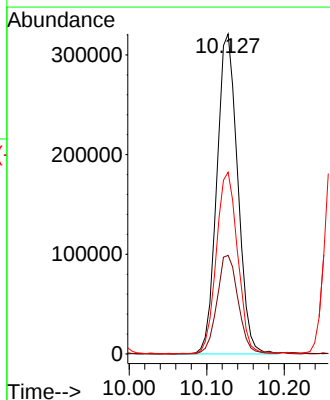
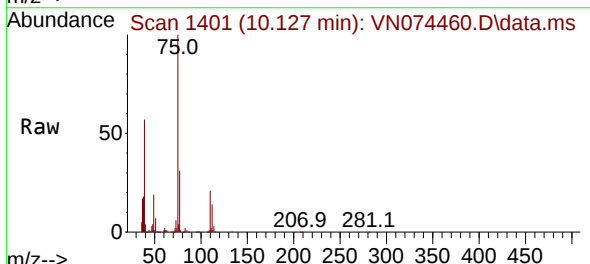
Manual Integrations
APPROVED

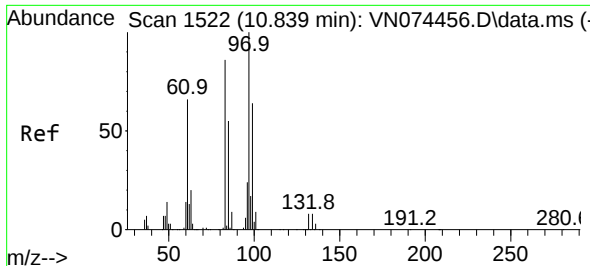
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#54
cis-1,3-Dichloropropene
Concen: 50.553 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

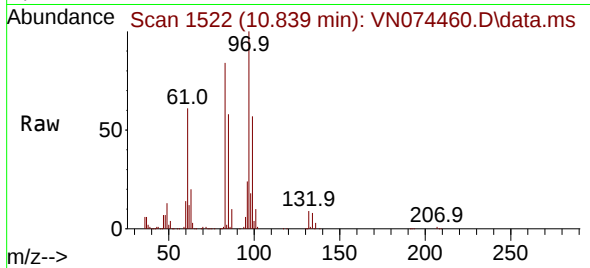
Tgt Ion: 75 Resp: 599648
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8
39 56.7 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 49.900 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

Instrument : MSVOA_N
ClientSampleId : ICVVN091522

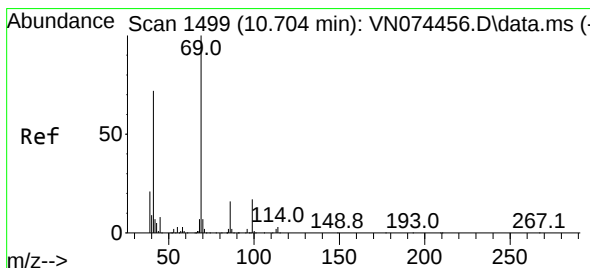
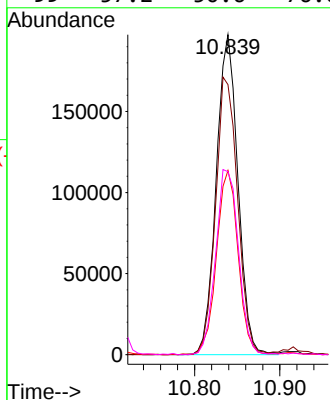
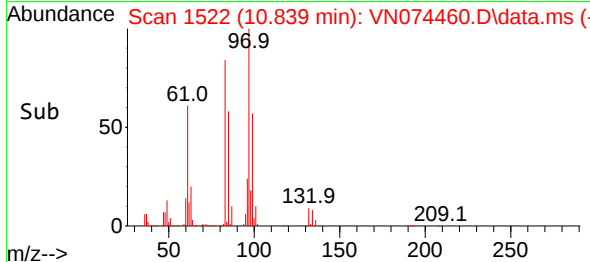


Tgt Ion: 97 Resp: 349315

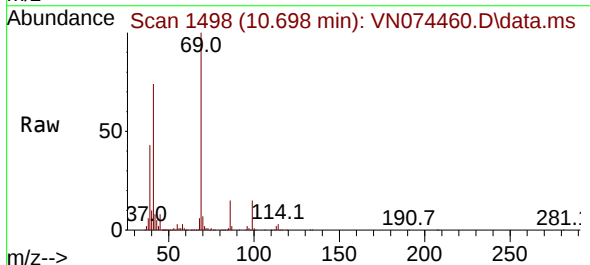
Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.2	99.4
85	57.6	43.9	65.9
99	57.2	50.6	76.0

Manual Integrations
APPROVED

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

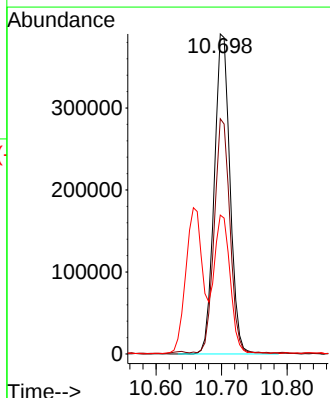
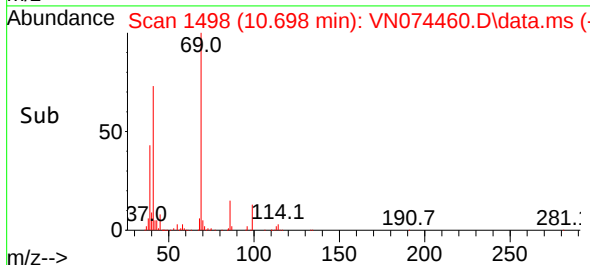


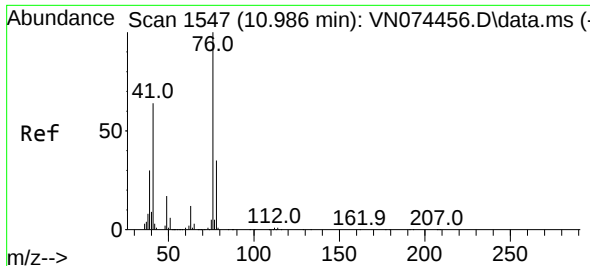
#56
Ethyl methacrylate
Concen: 51.882 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14



Tgt Ion: 69 Resp: 648751

Ion	Ratio	Lower	Upper
69	100		
41	72.5	47.8	71.6#
39	43.2	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 51.211 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074460.D

Acq: 15 Sep 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091522

Tgt Ion: 76 Resp: 628530

Ion Ratio Lower Upper

76 100

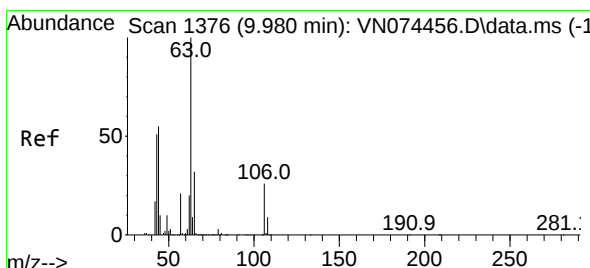
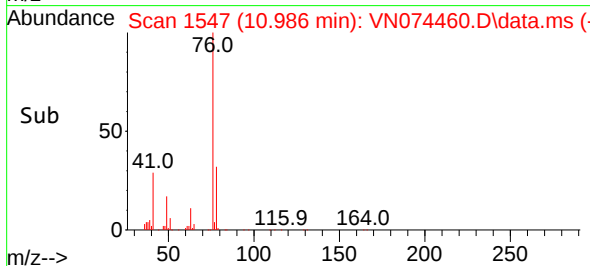
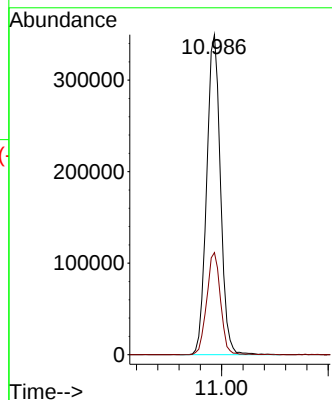
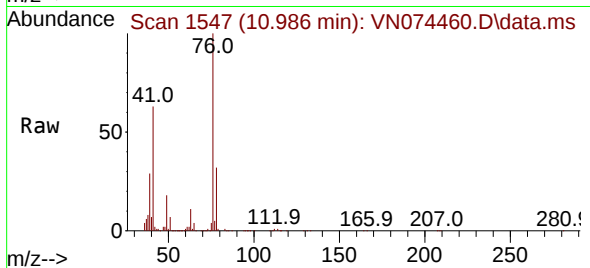
78 31.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 255.029 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074460.D

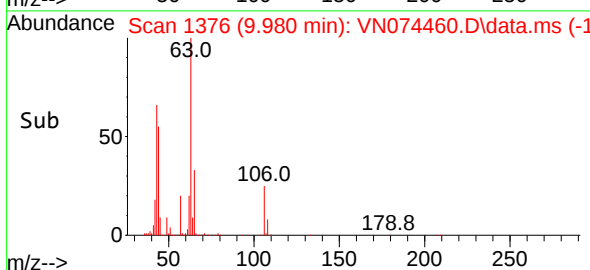
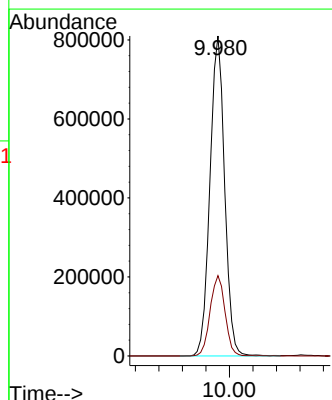
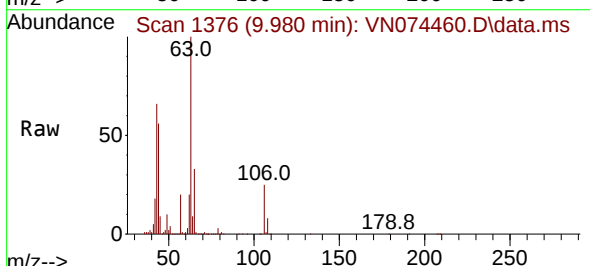
Acq: 15 Sep 2022 14:14

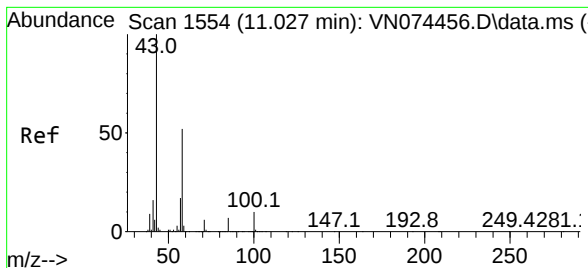
Tgt Ion: 63 Resp: 1403455

Ion Ratio Lower Upper

63 100

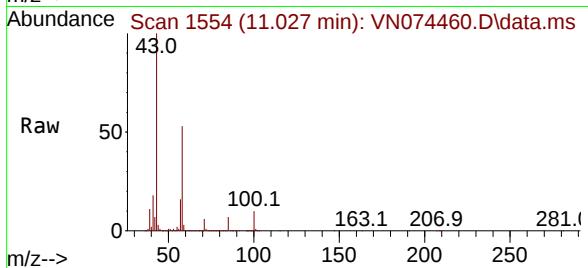
106 25.5 24.6 36.8





#59
2-Hexanone
Concen: 252.157 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

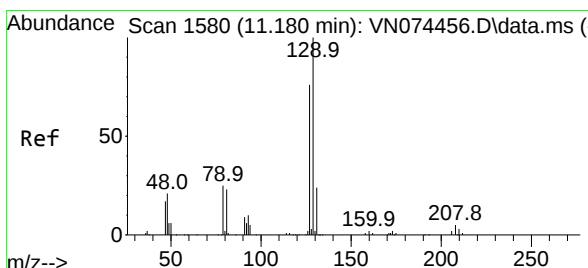
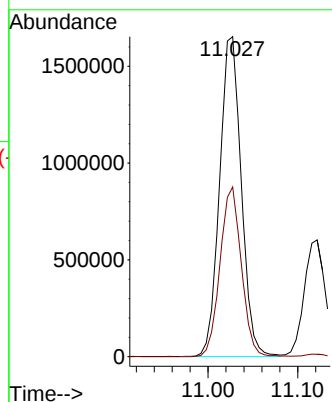
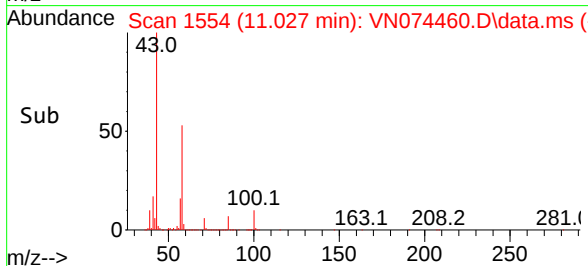
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



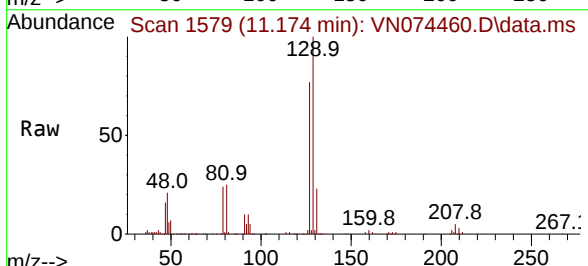
Tgt Ion: 43 Resp: 2771350
Ion Ratio Lower Upper
43 100
58 52.2 29.7 89.1

Manual Integrations
APPROVED

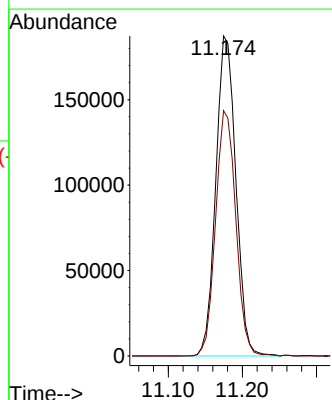
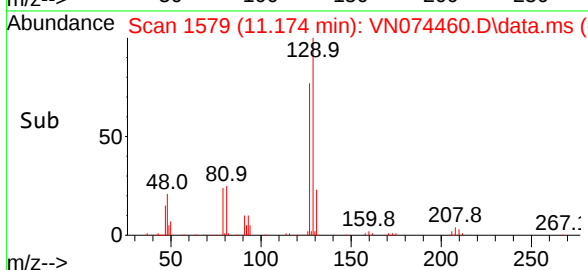
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

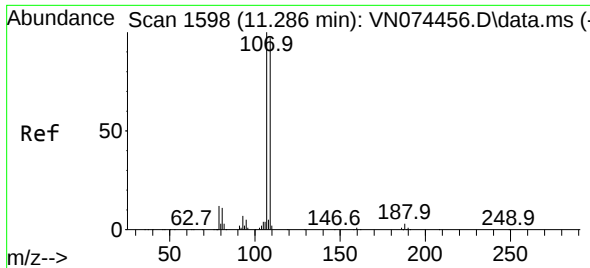


#60
Dibromochloromethane
Concen: 52.533 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14



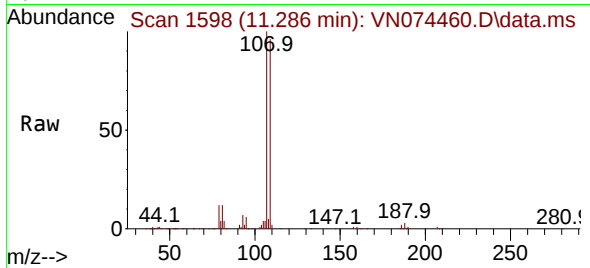
Tgt Ion:129 Resp: 352045
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.775 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

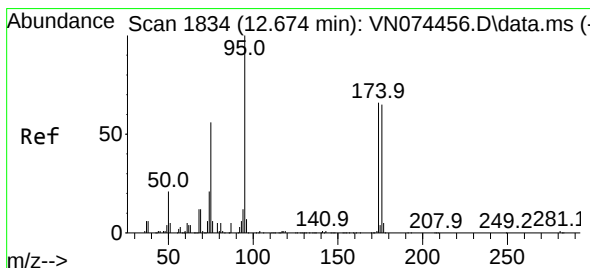
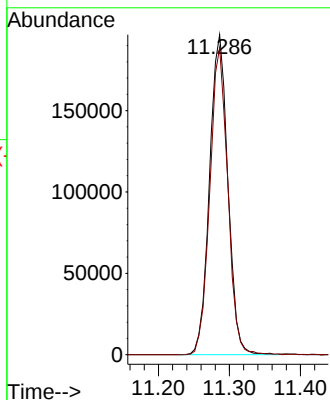
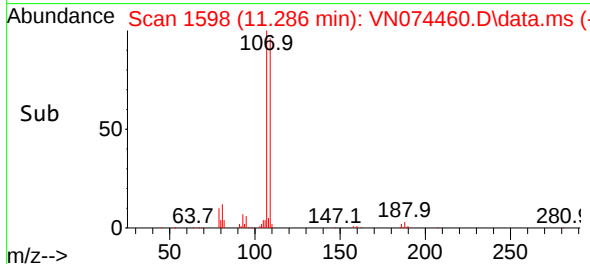
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



Tgt Ion:107 Resp: 35209
Ion Ratio Lower Upper
107 100
109 93.6 75.0 112.6

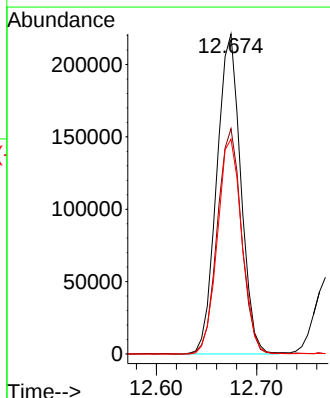
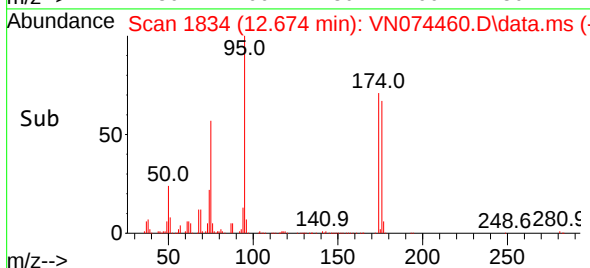
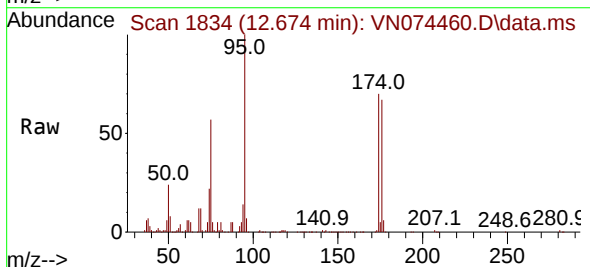
Manual Integrations
APPROVED

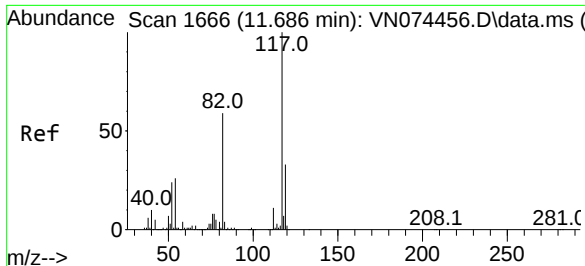
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#62
4-Bromofluorobenzene
Concen: 53.905 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

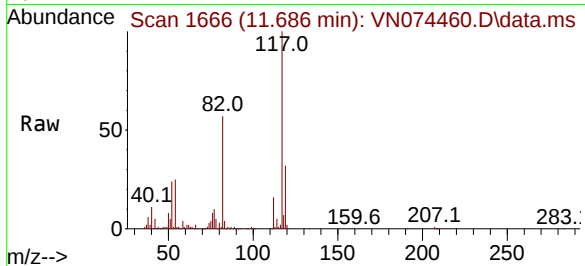
Tgt Ion: 95 Resp: 367644
Ion Ratio Lower Upper
95 100
174 70.6 0.0 167.6
176 68.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

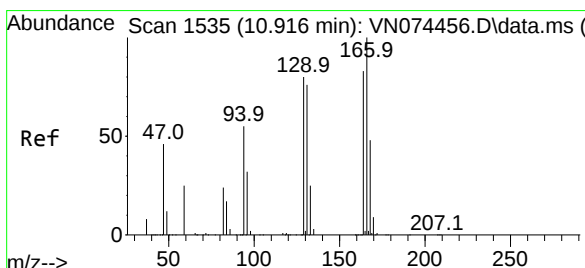
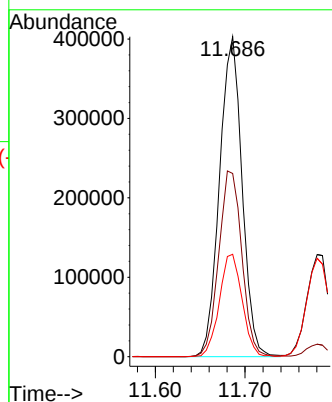
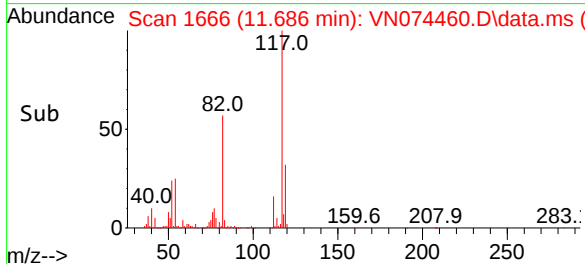
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



Tgt Ion:117 Resp: 703210
Ion Ratio Lower Upper
117 100
82 57.3 44.2 66.2
119 32.0 25.4 38.0

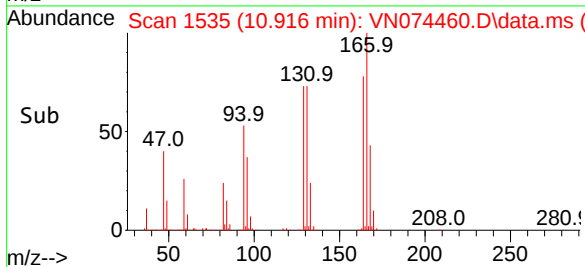
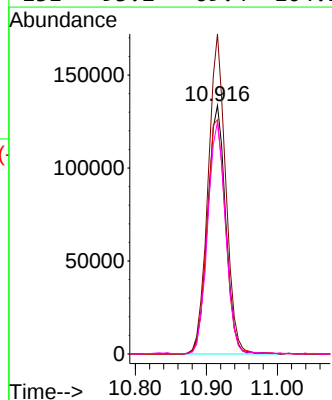
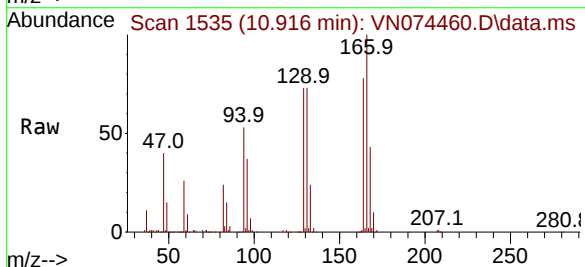
Manual Integrations
APPROVED

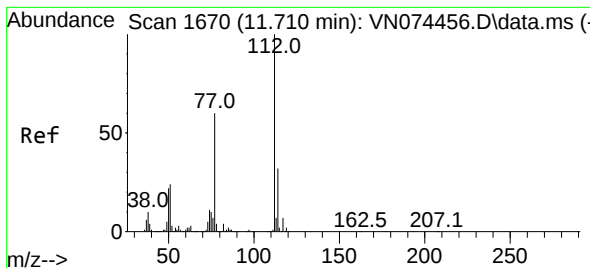
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#64
Tetrachloroethene
Concen: 49.102 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

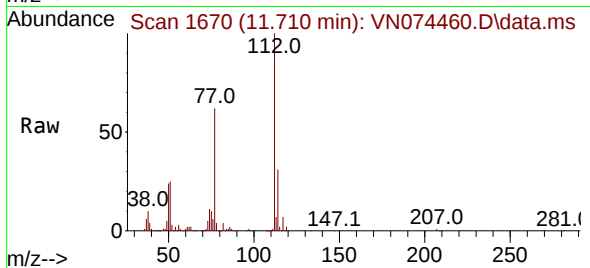
Tgt Ion:164 Resp: 236965
Ion Ratio Lower Upper
164 100
166 128.8 104.2 156.2
129 94.2 73.9 110.9
131 93.2 69.4 104.2





#65
Chlorobenzene
Concen: 49.858 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

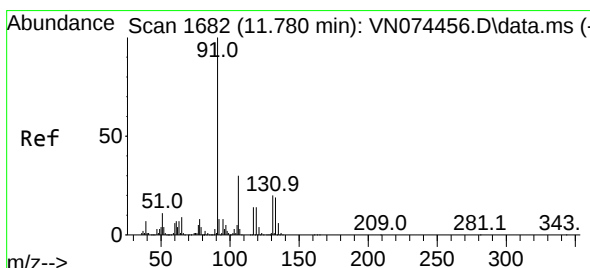
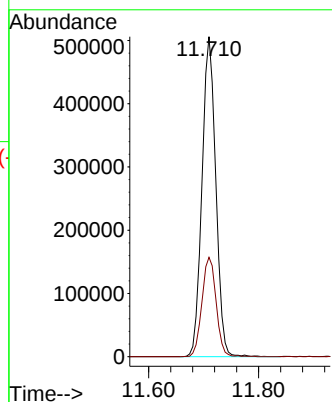
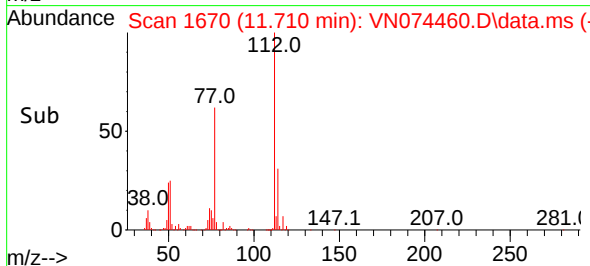
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



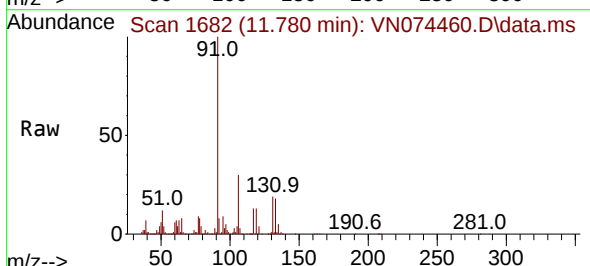
Tgt Ion:112 Resp: 88018
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

Manual Integrations
APPROVED

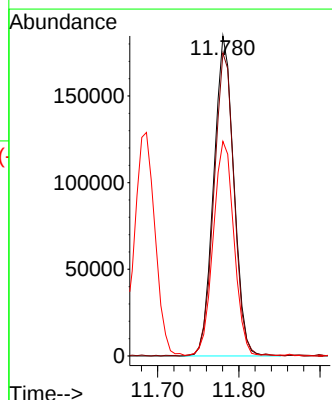
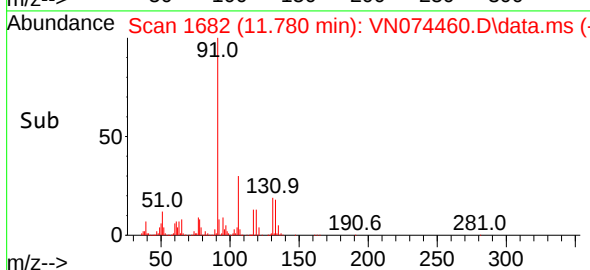
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

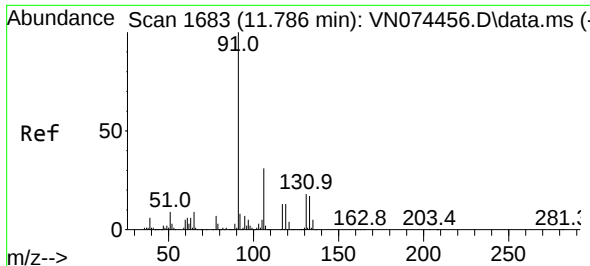


#66
1,1,1,2-Tetrachloroethane
Concen: 49.563 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14



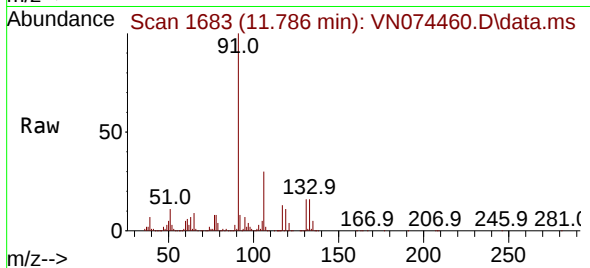
Tgt Ion:131 Resp: 317905
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.4
119 68.9 33.4 100.2





#67
Ethyl Benzene
Concen: 52.253 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

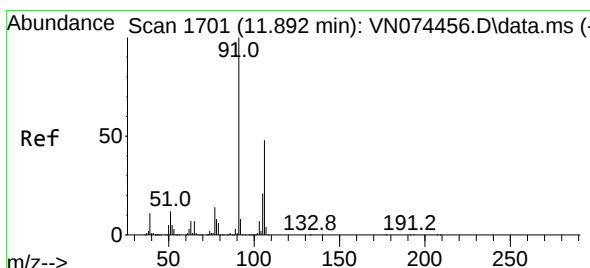
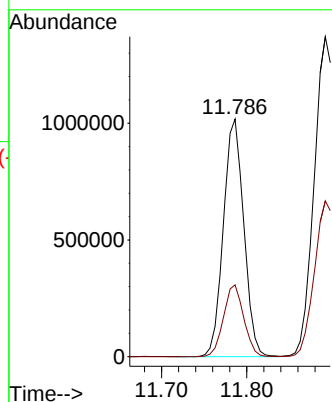
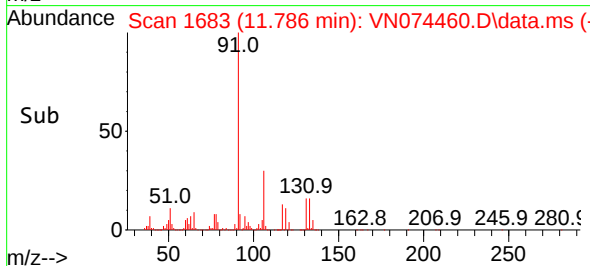
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



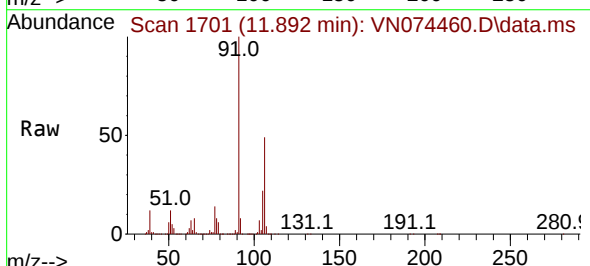
Tgt Ion: 91 Resp: 1693638
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

Manual Integrations
APPROVED

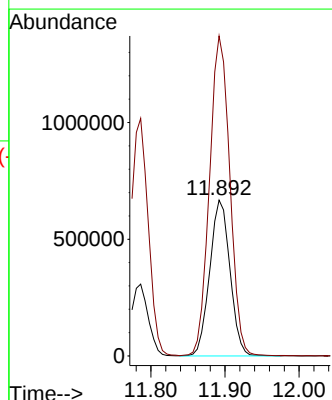
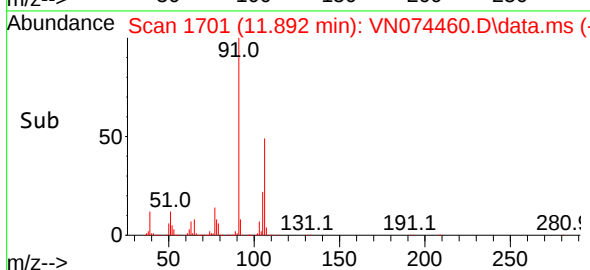
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

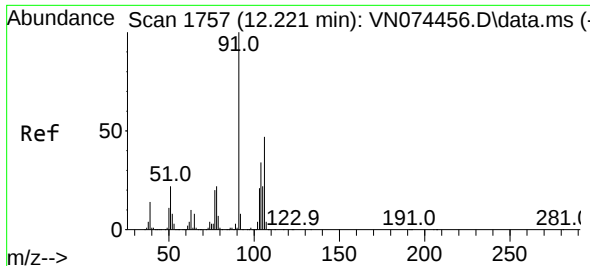


#68
m/p-Xylenes
Concen: 105.728 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14



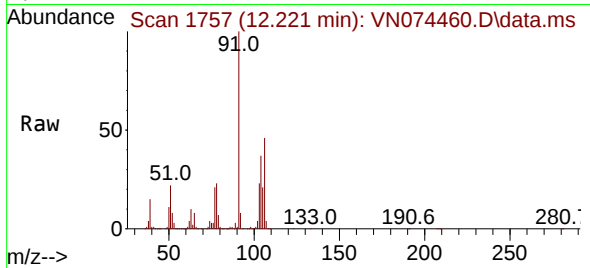
Tgt Ion:106 Resp: 1267026
Ion Ratio Lower Upper
106 100
91 205.9 158.9 238.3





#69
o-Xylene
Concen: 51.840 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

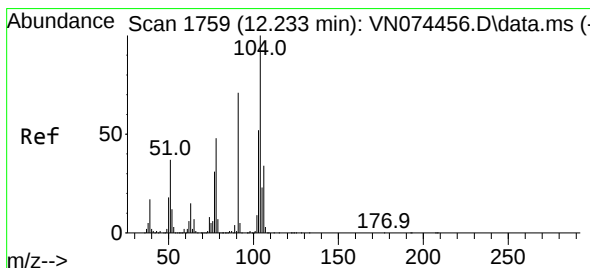
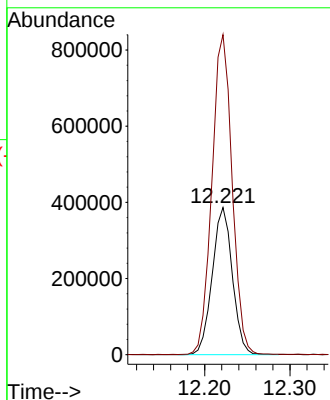
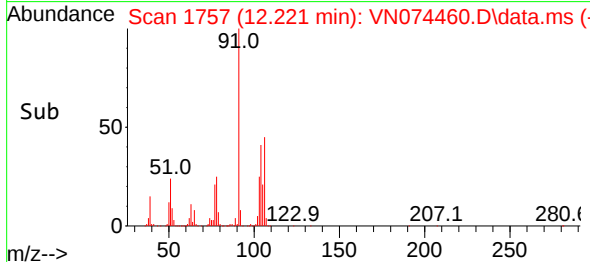
Instrument :
MSVOA_N
ClientSampleId :
ICVNVN091522



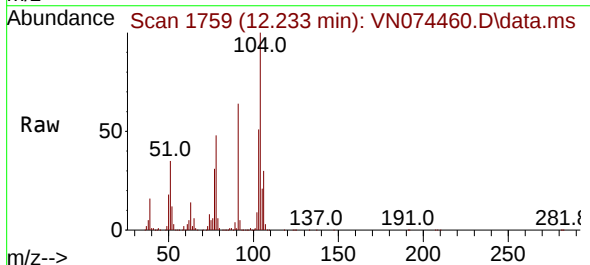
Tgt Ion:106 Resp: 633412
Ion Ratio Lower Upper
106 100
91 218.6 106.0 318.0

Manual Integrations
APPROVED

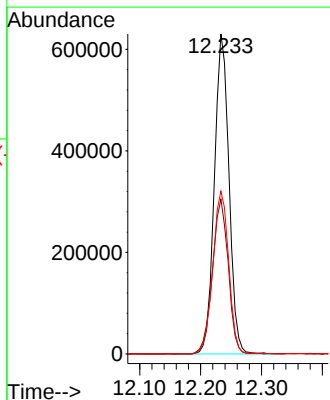
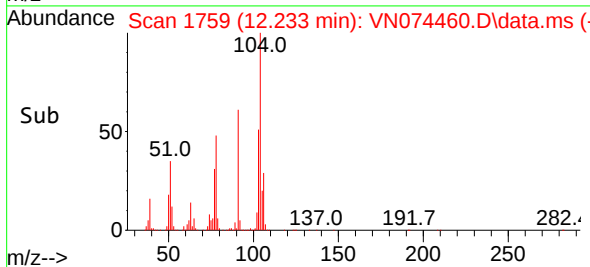
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

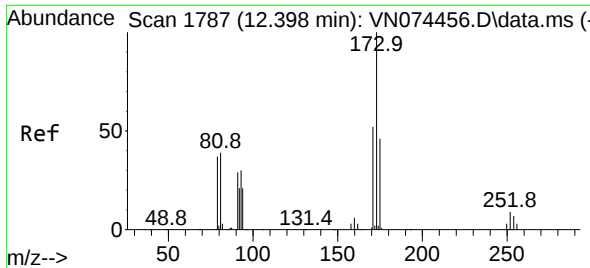


#70
Styrene
Concen: 51.657 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14



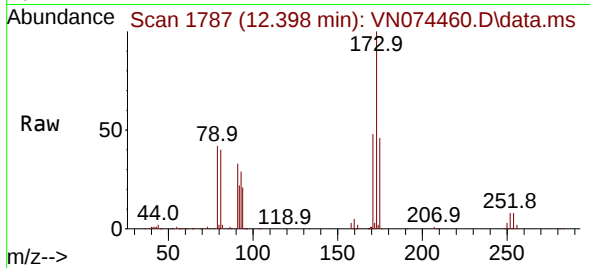
Tgt Ion:104 Resp: 1049933
Ion Ratio Lower Upper
104 100
78 52.5 39.5 59.3
103 55.1 44.0 66.0





#71
Bromoform
Concen: 52.241 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

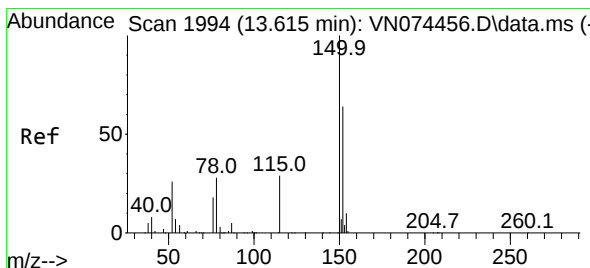
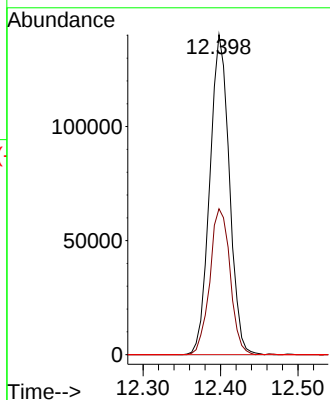
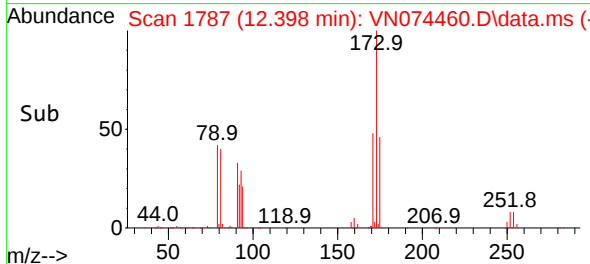
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



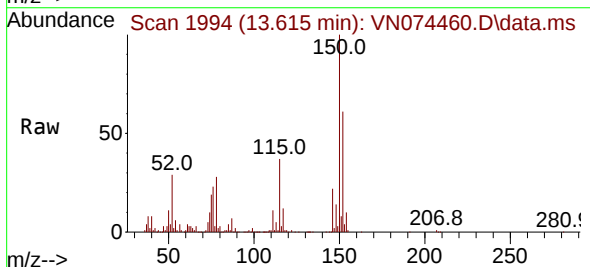
Tgt Ion:173 Resp: 246270
Ion Ratio Lower Upper
173 100
175 47.2 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

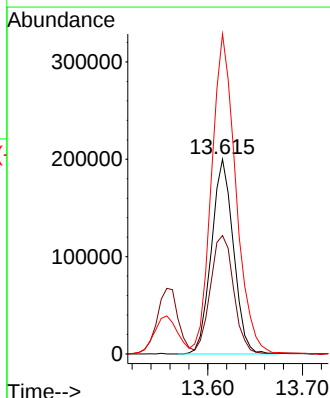
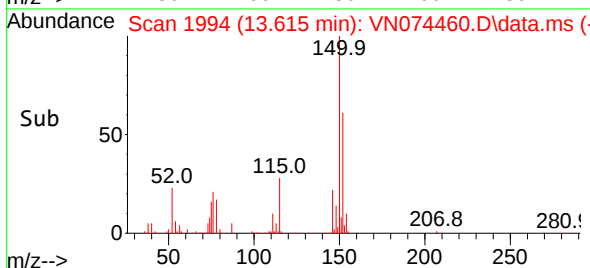
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

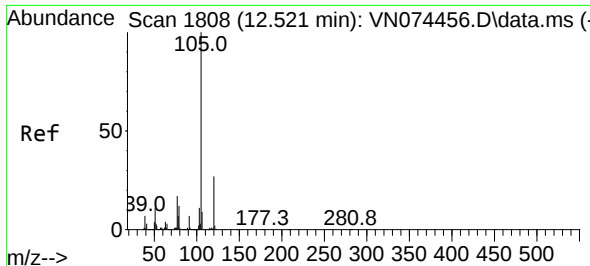


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14



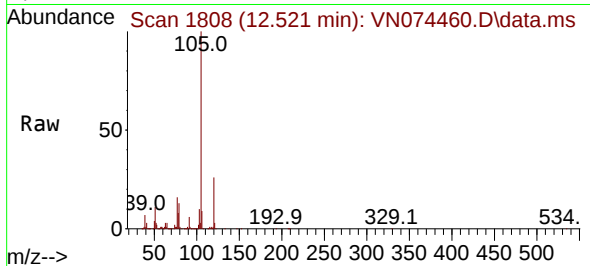
Tgt Ion:152 Resp: 323594
Ion Ratio Lower Upper
152 100
115 63.3 28.9 86.7
150 181.3 0.0 356.2





#73
Isopropylbenzene
Concen: 49.352 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

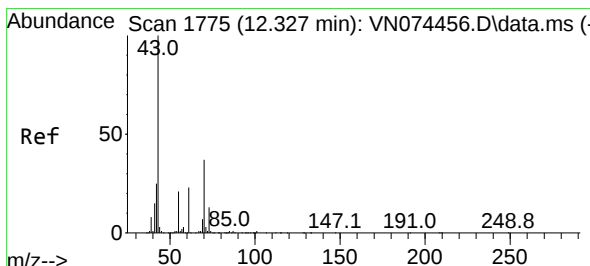
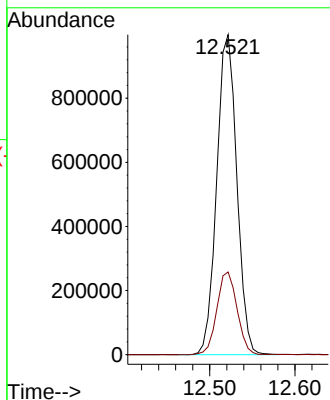
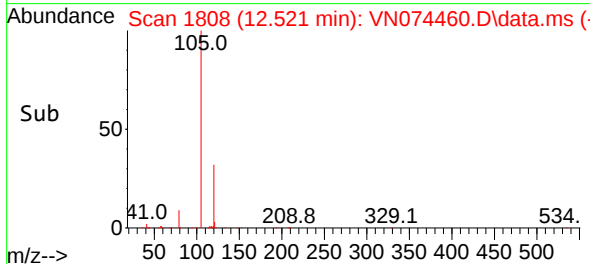
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



Tgt Ion:105 Resp: 163521
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

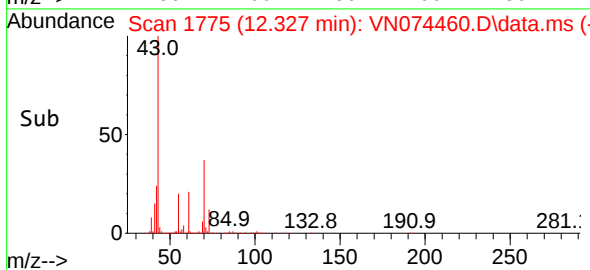
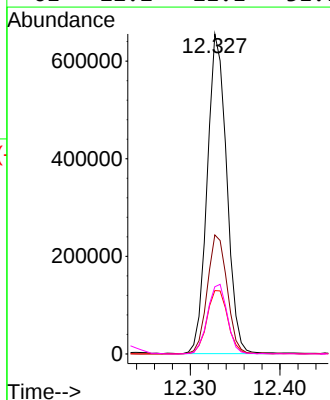
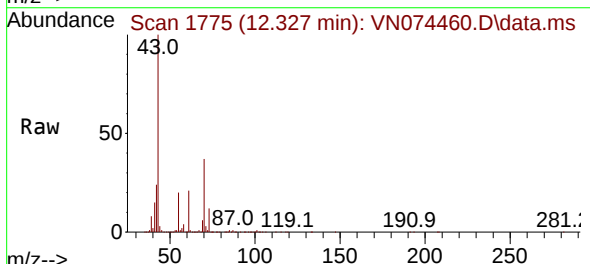
Manual Integrations
APPROVED

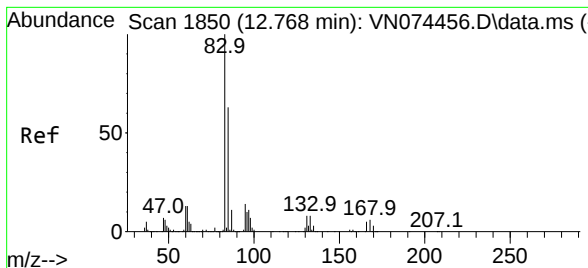
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#74
N-ethyl acetate
Concen: 47.698 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

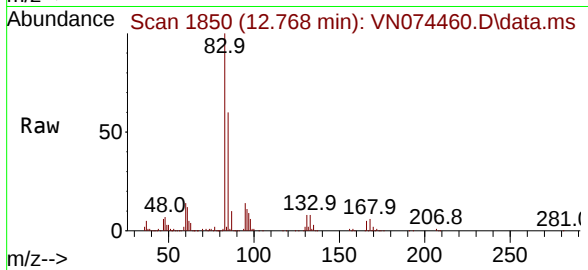
Tgt Ion: 43 Resp: 988135
Ion Ratio Lower Upper
43 100
70 38.0 39.0 58.4#
55 21.0 21.1 31.7#
61 22.2 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 45.799 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

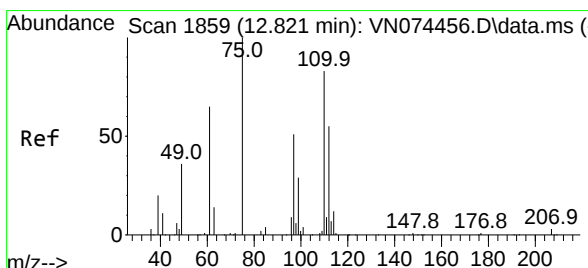
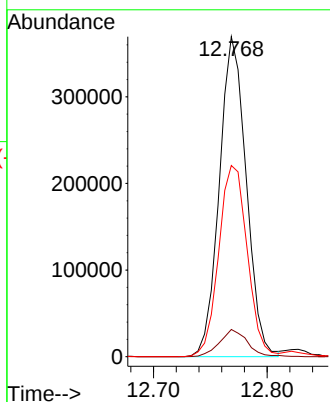
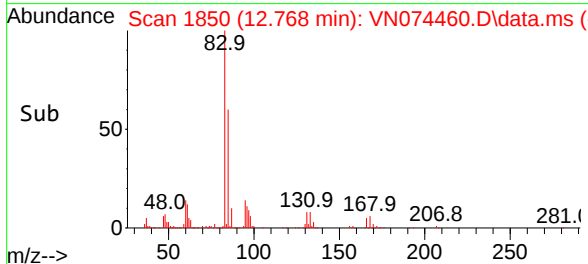
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



Tgt Ion: 83 Resp: 608118
Ion Ratio Lower Upper
83 100
131 8.8 5.3 15.9
85 63.4 32.3 96.9

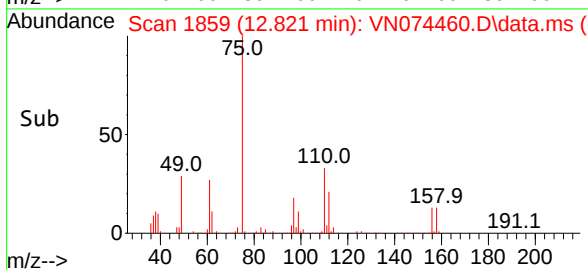
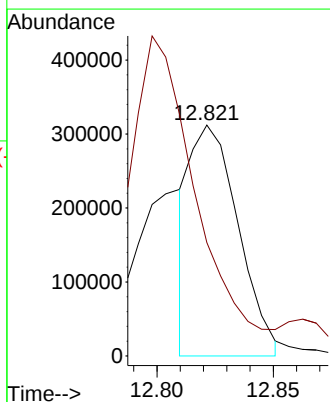
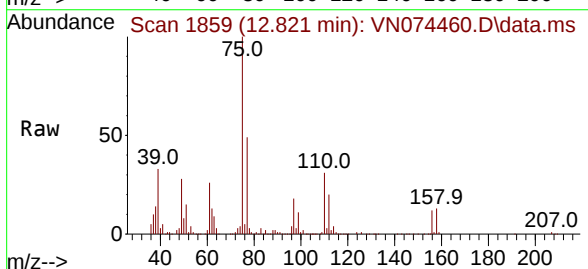
Manual Integrations
APPROVED

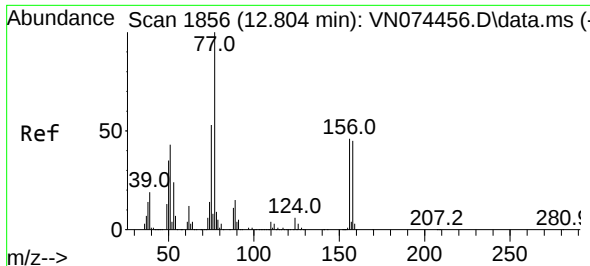
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#76
1,2,3-Trichloropropane
Concen: 45.053 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

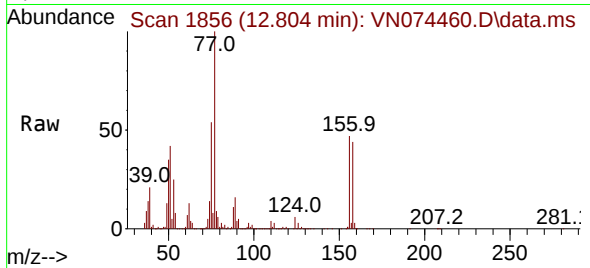
Tgt Ion: 75 Resp: 448744
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 47.994 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

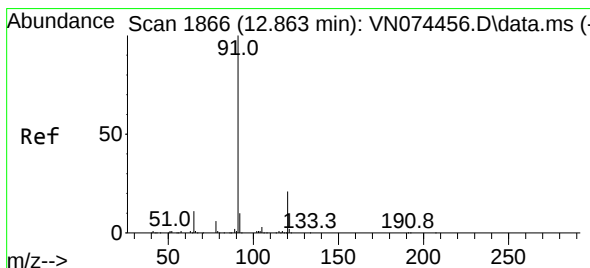
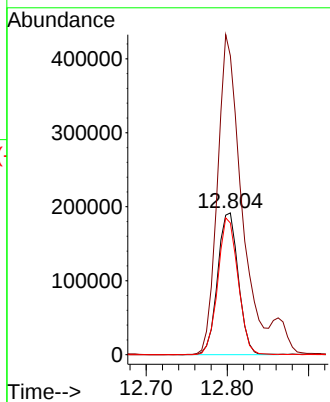
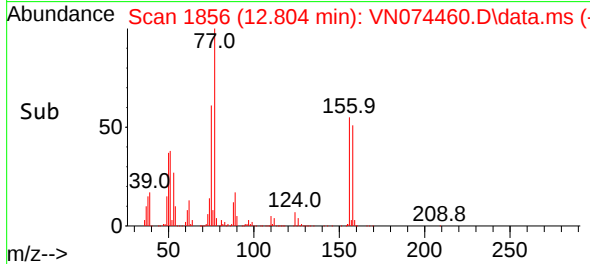
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



Tgt Ion:156 Resp: 339697
Ion Ratio Lower Upper
156 100
77 260.1 100.5 301.5
158 94.4 48.9 146.6

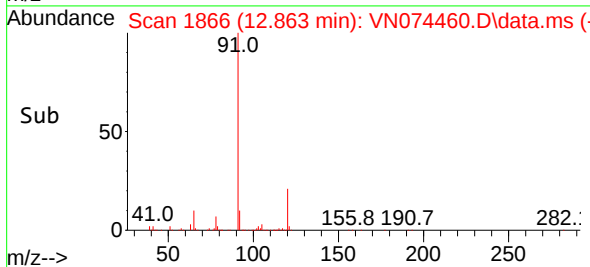
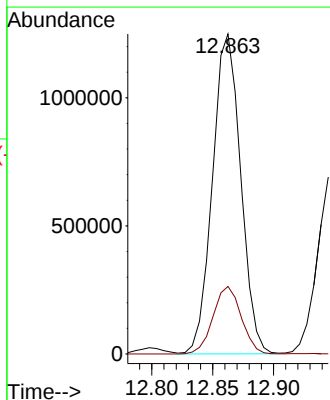
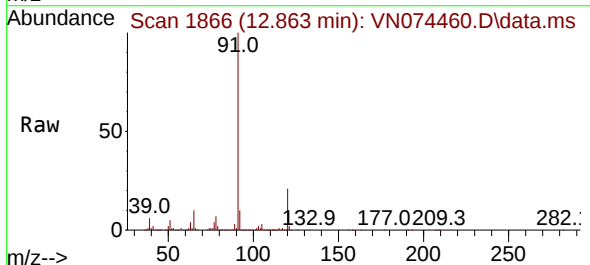
Manual Integrations
APPROVED

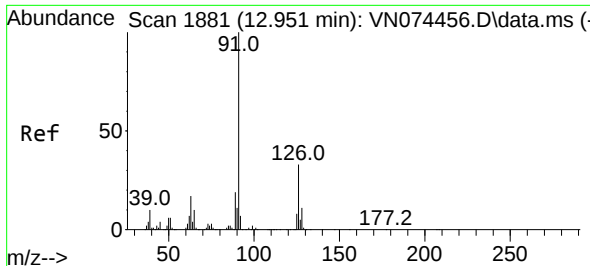
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#78
n-propylbenzene
Concen: 51.037 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

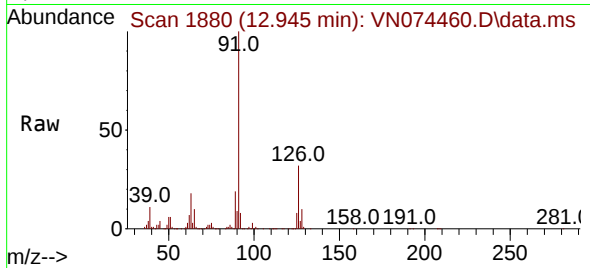
Tgt Ion: 91 Resp: 2014054
Ion Ratio Lower Upper
91 100
120 21.1 11.9 35.5





#79
2-Chlorotoluene
Concen: 49.164 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

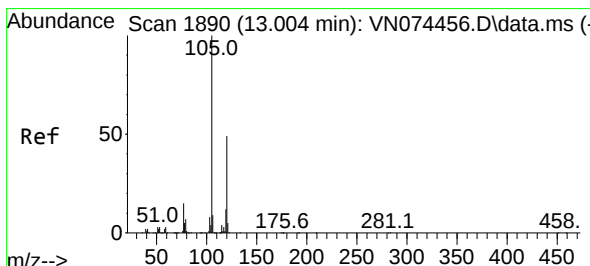
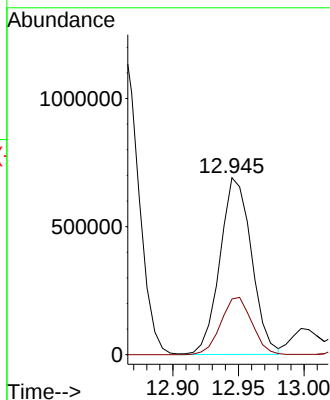
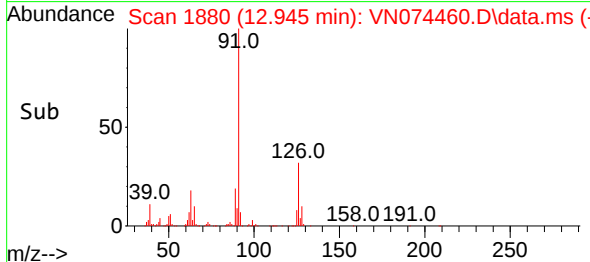
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



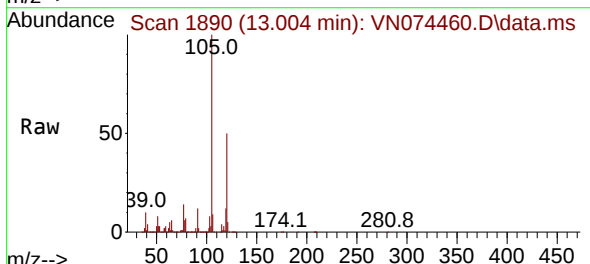
Tgt Ion: 91 Resp: 115820
Ion Ratio Lower Upper
91 100
126 32.0 17.3 51.9

Manual Integrations
APPROVED

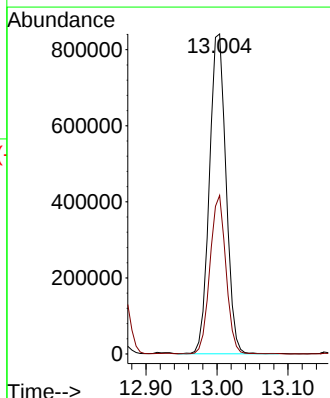
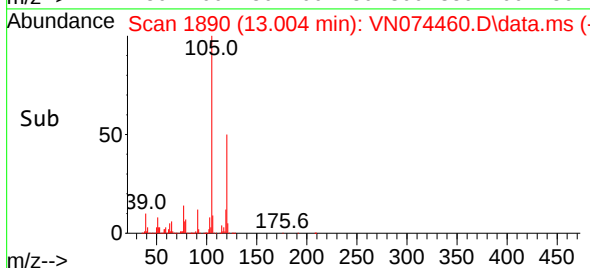
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

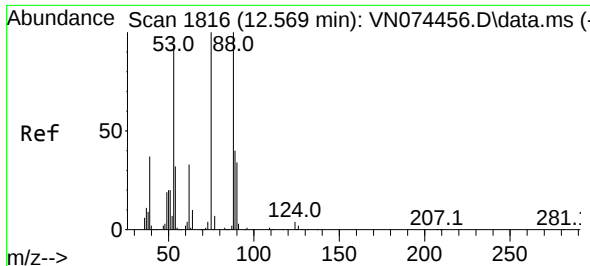


#80
1,3,5-Trimethylbenzene
Concen: 50.458 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14



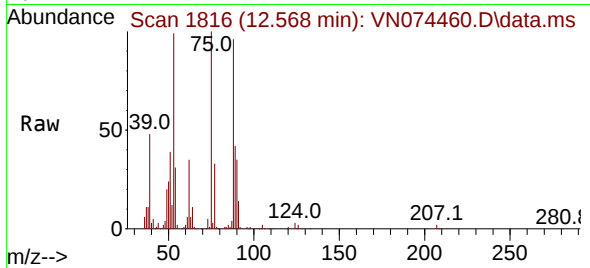
Tgt Ion:105 Resp: 1362861
Ion Ratio Lower Upper
105 100
120 47.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 48.471 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. -0.001 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

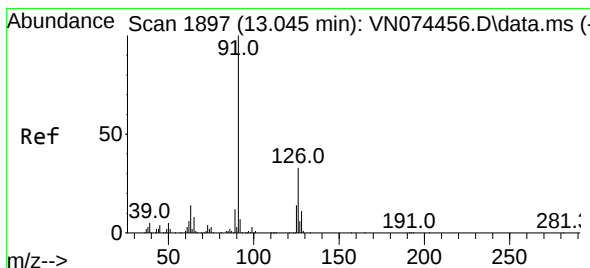
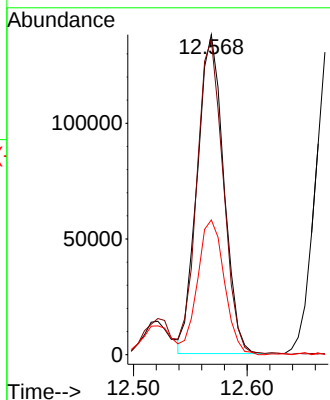
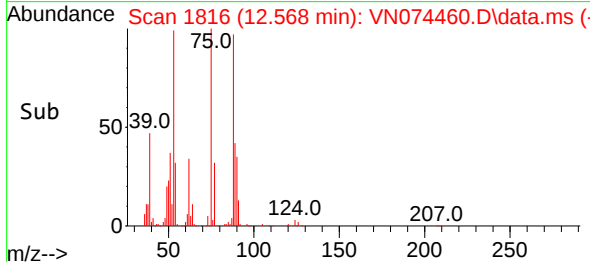
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



Tgt Ion: 75 Resp: 223692
Ion Ratio Lower Upper
75 100
53 97.9 78.0 117.0
89 42.9 37.2 55.8

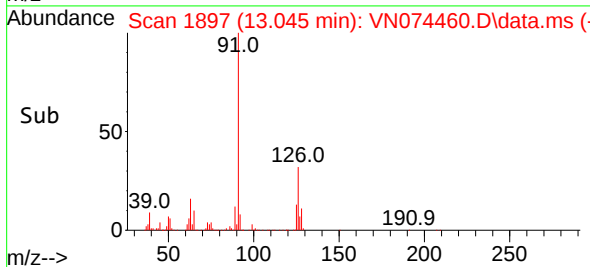
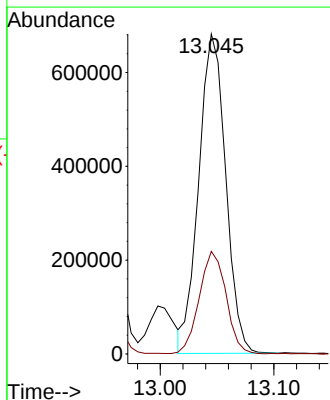
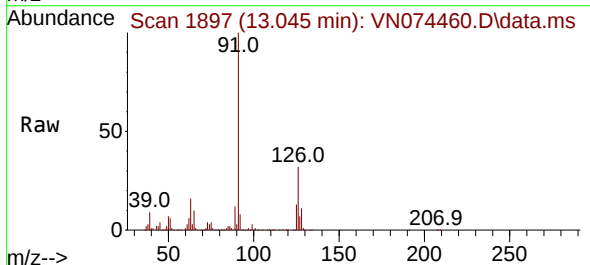
Manual Integrations
APPROVED

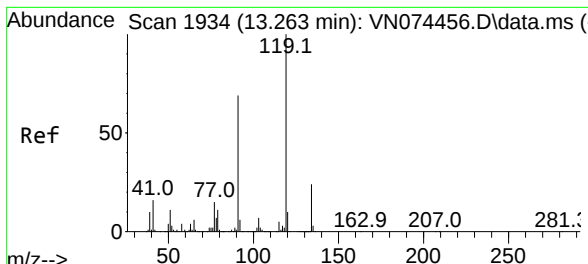
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#82
4-Chlorotoluene
Concen: 50.146 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

Tgt Ion: 91 Resp: 1122857
Ion Ratio Lower Upper
91 100
126 31.8 17.2 51.6





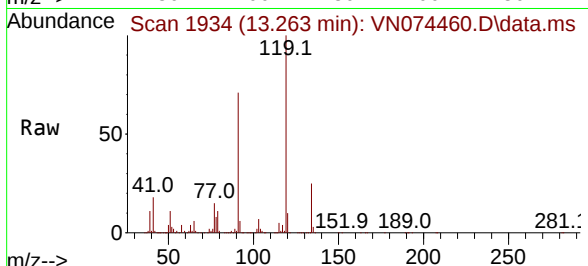
#83
 tert-Butylbenzene
 Concen: 48.488 ug/l
 RT: 13.263 min Scan# 1934
 Delta R.T. -0.000 min
 Lab File: VN074460.D
 Acq: 15 Sep 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091522



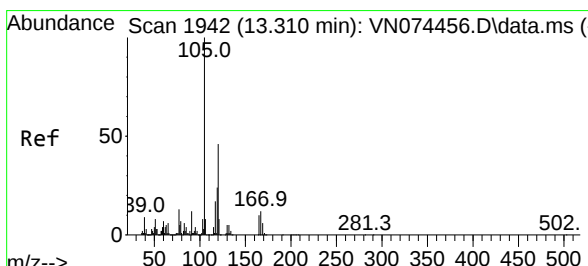
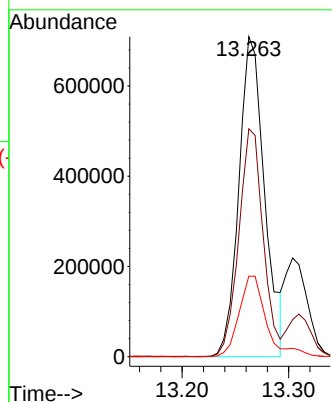
Tgt Ion:119 Resp: 119191
 Ion Ratio Lower Upper
 119 100
 91 67.5 31.6 94.8
 134 26.7 13.7 41.1

Manual Integrations

APPROVED

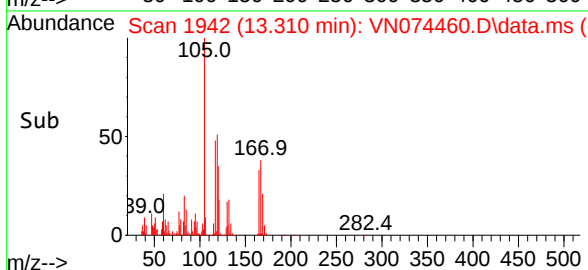
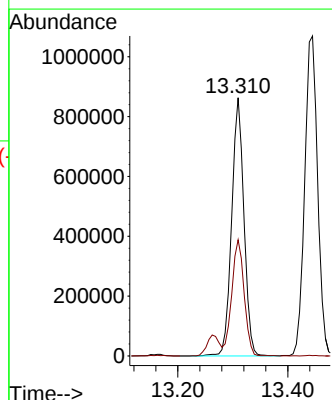
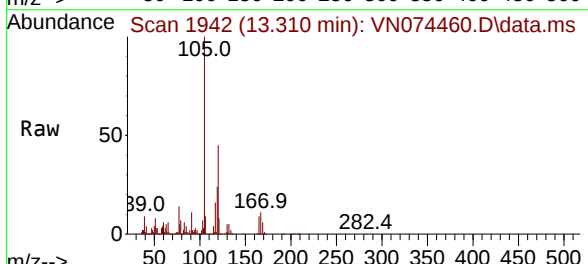
Reviewed By :John Carlone 09/16/2022

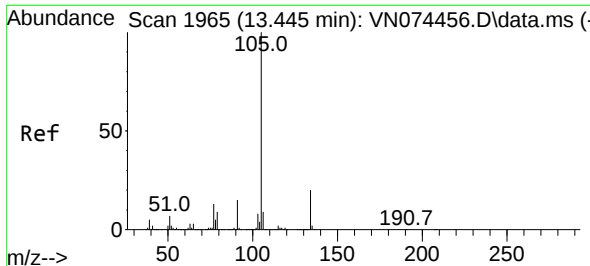
Supervised By :Mahesh Dadoda 09/16/2022



#84
 1,2,4-Trimethylbenzene
 Concen: 49.334 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. -0.000 min
 Lab File: VN074460.D
 Acq: 15 Sep 2022 14:14

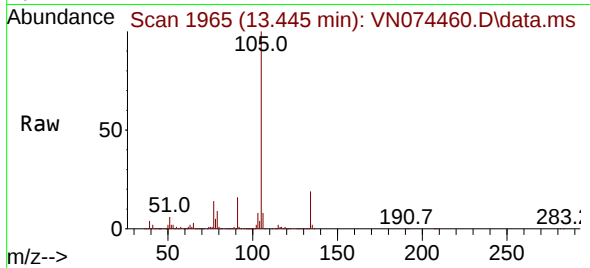
Tgt Ion:105 Resp: 1340956
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 51.637 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VN074460.D
 Acq: 15 Sep 2022 14:14

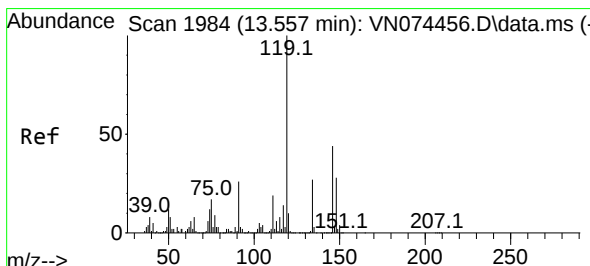
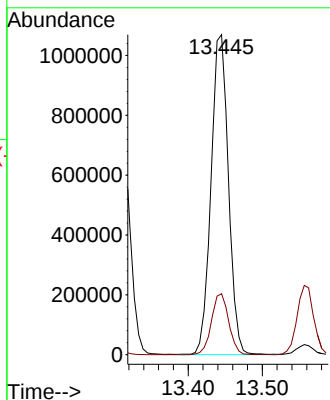
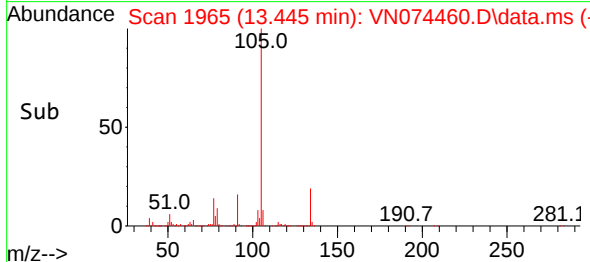
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091522



Tgt Ion:105 Resp: 1742870
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.4 31.1

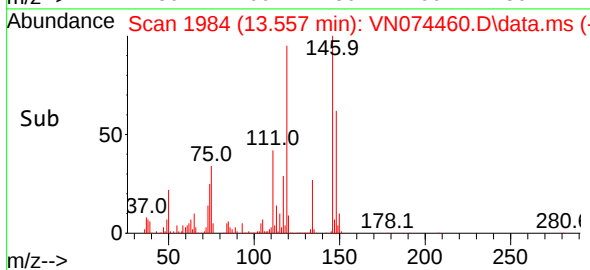
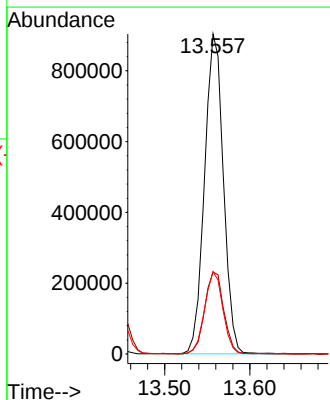
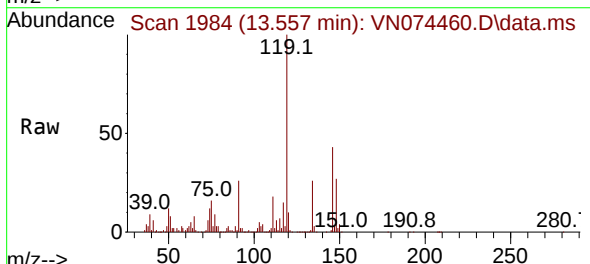
Manual Integrations
 APPROVED

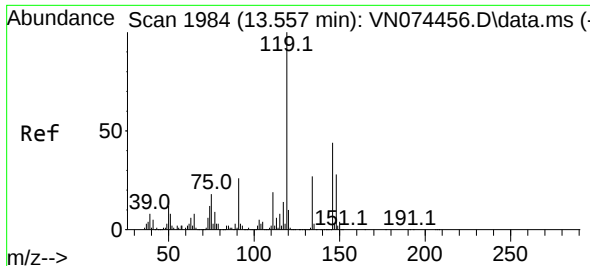
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#86
 p-Isopropyltoluene
 Concen: 52.820 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074460.D
 Acq: 15 Sep 2022 14:14

Tgt Ion:119 Resp: 1389870
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.8
 91 25.0 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.551 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. -0.000 min

Lab File: VN074460.D

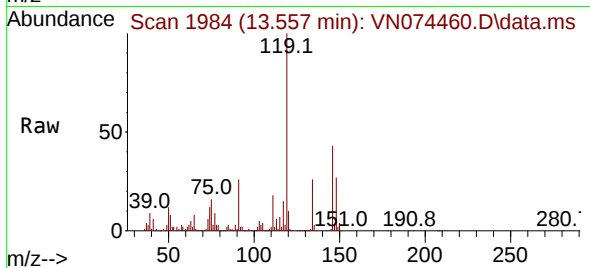
Acq: 15 Sep 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091522



Tgt Ion:146 Resp: 644478

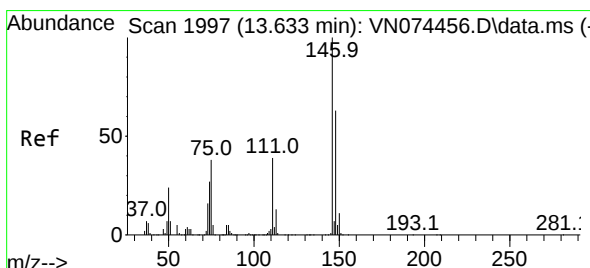
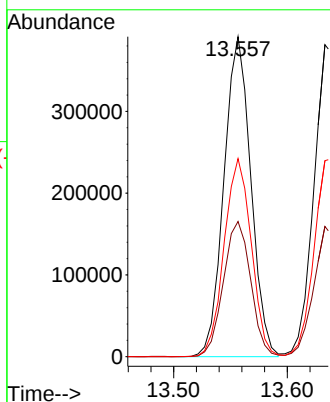
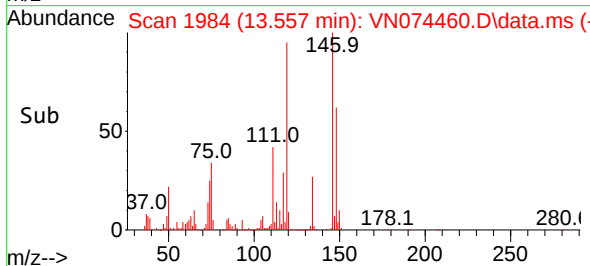
Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.0	60.0
148	62.6	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#88

1,4-Dichlorobenzene

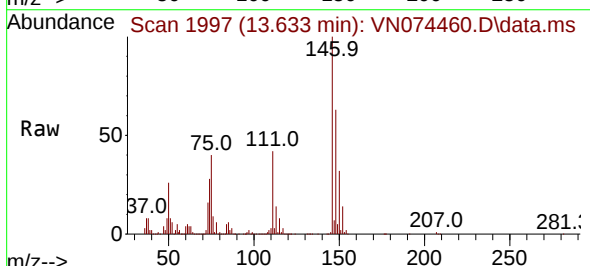
Concen: 48.721 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. 0.000 min

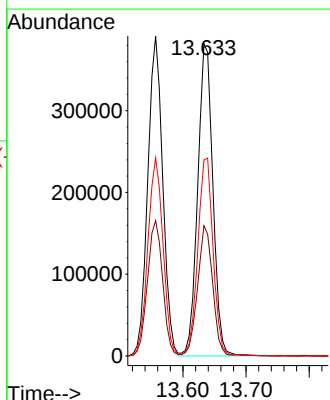
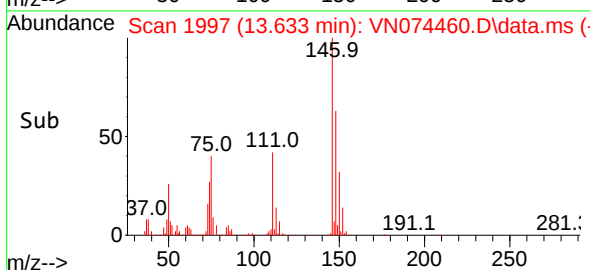
Lab File: VN074460.D

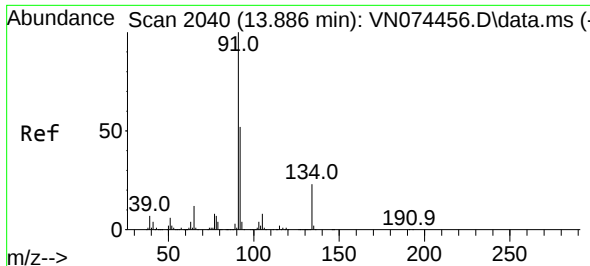
Acq: 15 Sep 2022 14:14



Tgt Ion:146 Resp: 636868

Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.1	57.1
148	63.9	31.4	94.3





#89

n-Butylbenzene

Concen: 53.967 ug/l

RT: 13.886 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN074460.D

Acq: 15 Sep 2022 14:14

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091522

Tgt Ion: 91 Resp: 127994

Ion Ratio Lower Upper

91 100

92 53.1 26.9 80.7

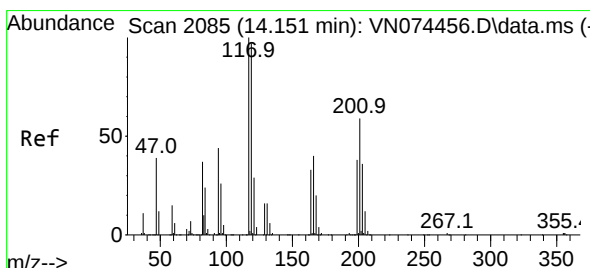
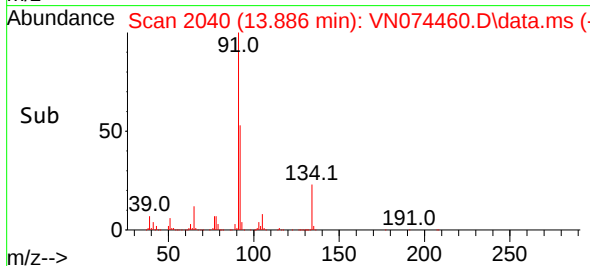
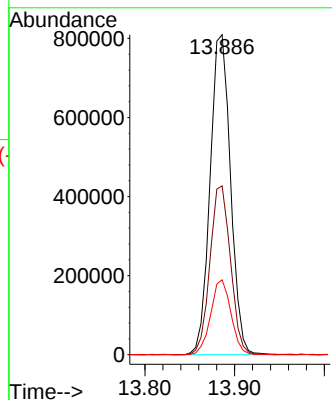
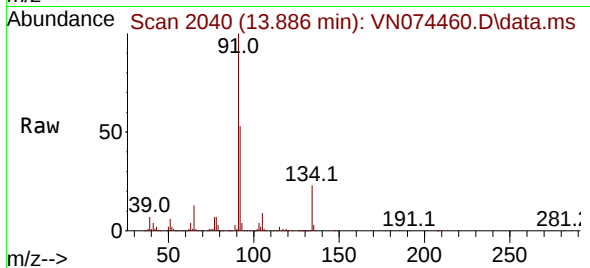
134 23.2 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#90

Hexachloroethane

Concen: 48.038 ug/l

RT: 14.151 min Scan# 2085

Delta R.T. -0.000 min

Lab File: VN074460.D

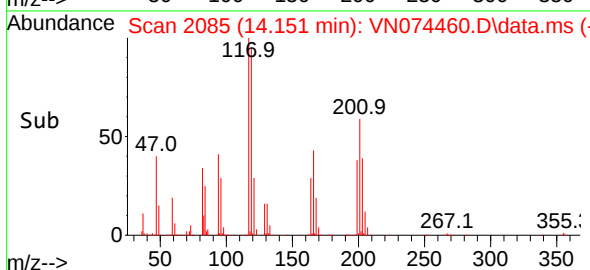
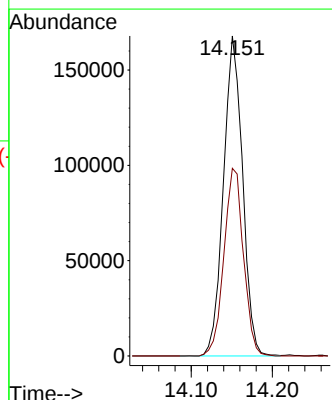
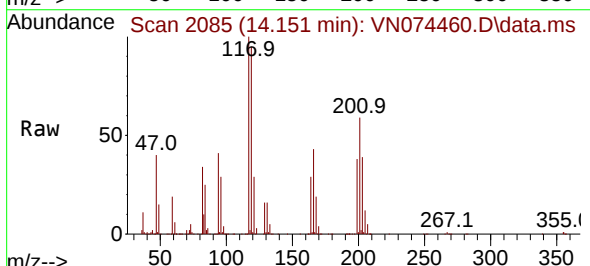
Acq: 15 Sep 2022 14:14

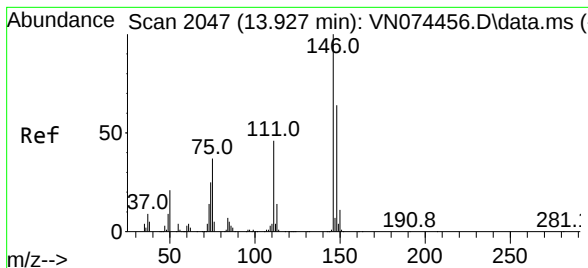
Tgt Ion:117 Resp: 275032

Ion Ratio Lower Upper

117 100

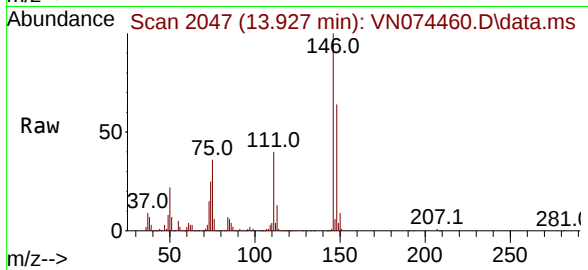
201 59.9 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 49.052 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

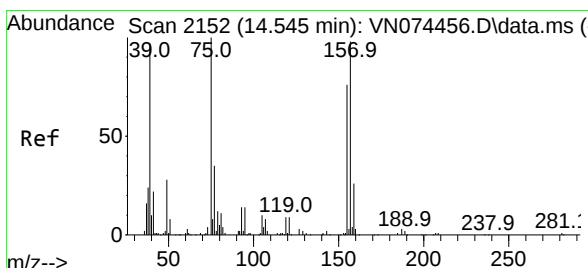
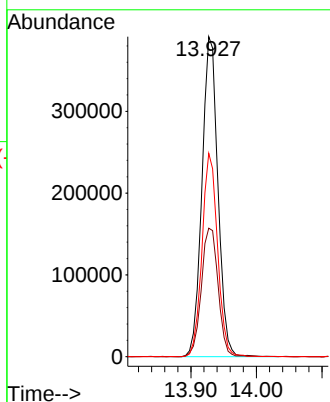
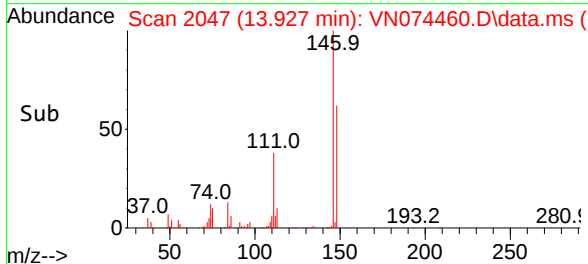
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



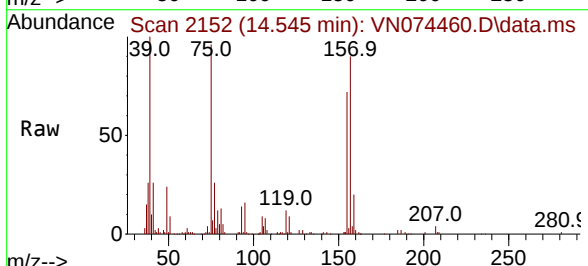
Tgt Ion:146 Resp: 661878
Ion Ratio Lower Upper
146 100
111 42.3 20.9 62.8
148 62.0 32.1 96.3

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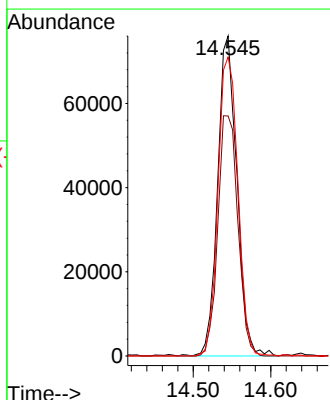
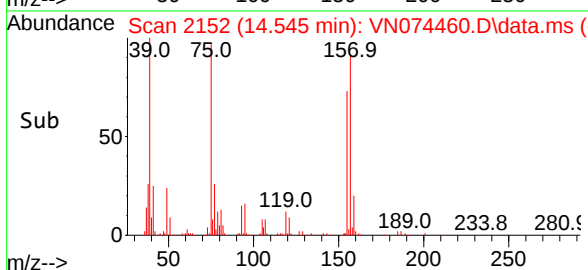
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

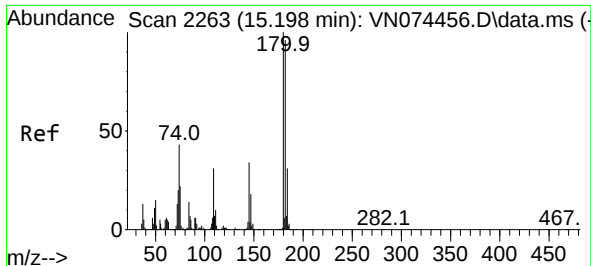


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.698 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14



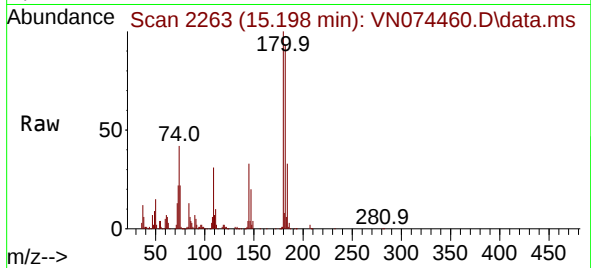
Tgt Ion: 75 Resp: 131052
Ion Ratio Lower Upper
75 100
155 78.5 44.9 134.5
157 96.7 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 51.206 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

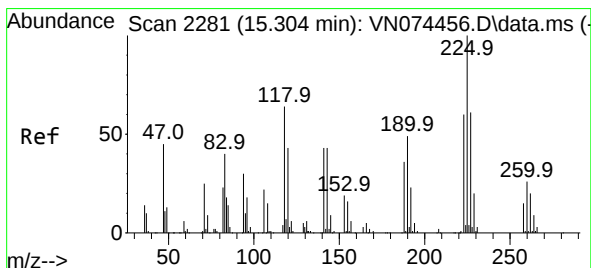
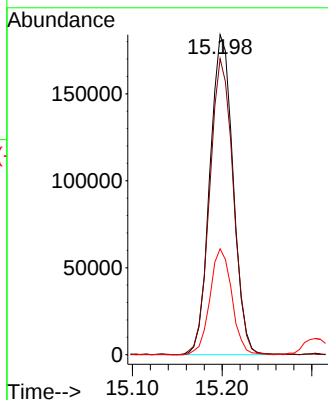
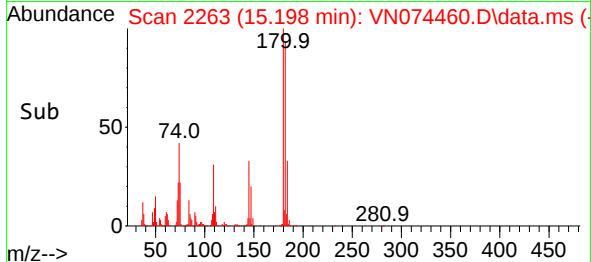
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



Tgt Ion:180 Resp: 329172
Ion Ratio Lower Upper
180 100
182 94.2 47.5 142.5
145 31.4 14.5 43.5

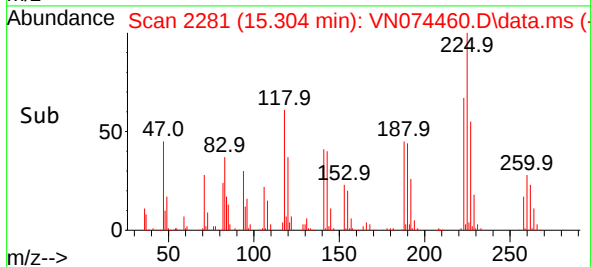
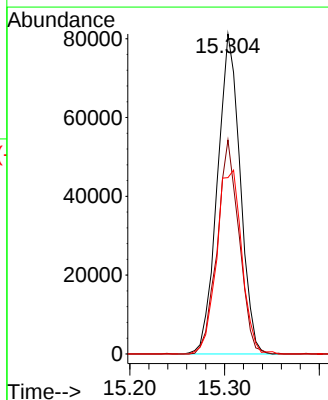
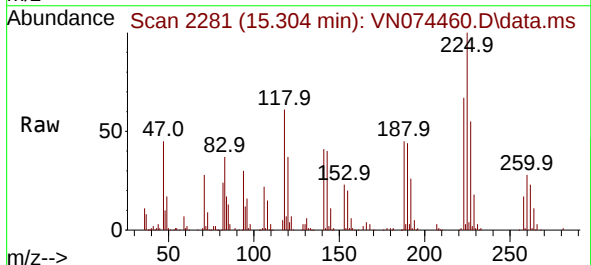
Manual Integrations
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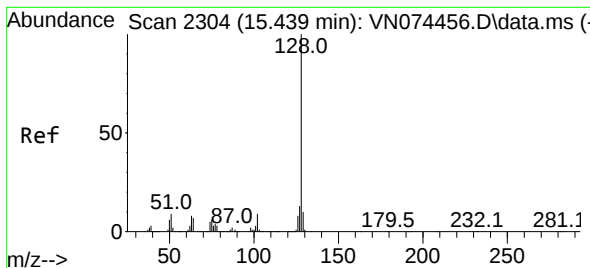
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#94
Hexachlorobutadiene
Concen: 47.999 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

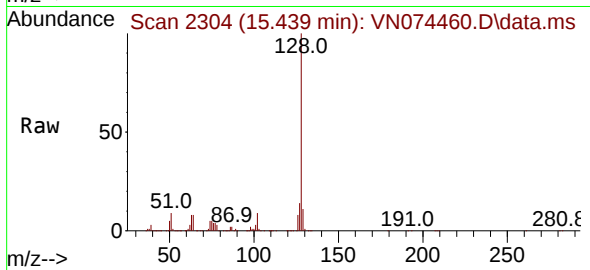
Tgt Ion:225 Resp: 135610
Ion Ratio Lower Upper
225 100
223 64.1 32.4 97.2
227 63.6 31.8 95.4





#95
Naphthalene
Concen: 47.818 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

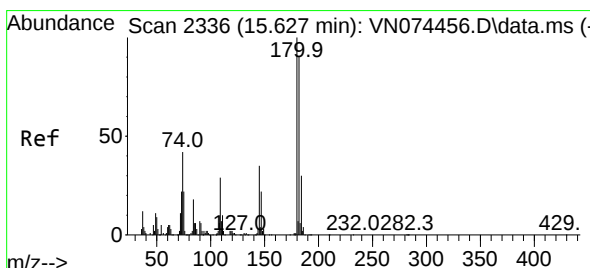
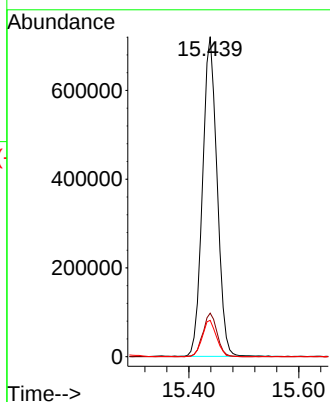
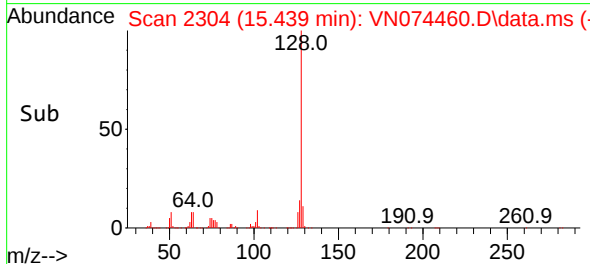
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091522



Tgt Ion:128 Resp: 1322474
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.2 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: 50.859 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VN074460.D
Acq: 15 Sep 2022 14:14

Tgt Ion:180 Resp: 338953
Ion Ratio Lower Upper
180 100
182 93.0 47.8 143.3
145 33.4 15.5 46.5

