

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074427.D
 Acq On : 13 Sep 2022 12:33
 Operator : JC\MD
 Sample : VN0913WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

Quant Time: Sep 13 17:14:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	165942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	318643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	295401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	134329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	177645	61.875	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.740%			
35) Dibromofluoromethane	7.951	113	125872	58.514	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.020%			
50) Toluene-d8	10.380	98	466418	55.646	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.300%			
62) 4-Bromofluorobenzene	12.674	95	161462	53.057	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.040	85	45298	21.064	ug/l	92
3) Chloromethane	2.263	50	64340	24.244	ug/l	100
4) Vinyl Chloride	2.405	62	92269	25.682	ug/l	93
5) Bromomethane	2.781	94	74263	29.580	ug/l	99
6) Chloroethane	2.946	64	71653m	30.544	ug/l	
7) Trichlorofluoromethane	3.299	101	159490	44.959	ug/l	96
8) Diethyl Ether	3.757	74	33817	22.592	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.140	101	48415	22.775	ug/l	96
10) Methyl Iodide	4.340	142	52571	21.393	ug/l	96
11) Tert butyl alcohol	5.293	59	92486	123.157	ug/l	97
12) 1,1-Dichloroethene	4.104	96	43460	21.009	ug/l	91
13) Acrolein	3.975	56	62267	124.826	ug/l	95
14) Allyl chloride	4.763	41	96329	21.230	ug/l	98
15) Acrylonitrile	5.469	53	210145	122.314	ug/l	99
16) Acetone	4.216	43	192973	124.499	ug/l	97
17) Carbon Disulfide	4.446	76	115875	20.611	ug/l #	93
18) Methyl Acetate	4.781	43	110908	24.273	ug/l	99
19) Methyl tert-butyl Ether	5.522	73	181234	21.767	ug/l	99
20) Methylene Chloride	5.004	84	56339	23.990	ug/l	98
21) trans-1,2-Dichloroethene	5.510	96	46844	20.209	ug/l	94
22) Diisopropyl ether	6.410	45	199780	21.867	ug/l	91
23) Vinyl Acetate	6.351	43	920670	112.918	ug/l	99
24) 1,1-Dichloroethane	6.304	63	104944	22.355	ug/l	95
25) 2-Butanone	7.257	43	325096	124.947	ug/l	95
26) 2,2-Dichloropropane	7.245	77	85105	20.040	ug/l	98
27) cis-1,2-Dichloroethene	7.239	96	56750	19.872	ug/l	96
28) Bromochloromethane	7.587	49	32552	22.644	ug/l	96
29) Tetrahydrofuran	7.610	42	211240	122.818	ug/l	98
30) Chloroform	7.745	83	102759	21.930	ug/l	97
31) Cyclohexane	8.028	56	95282	20.867	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	89355	21.257	ug/l	96
36) 1,1-Dichloropropene	8.151	75	69652	19.654	ug/l	96
37) Ethyl Acetate	7.334	43	125512	24.415	ug/l	98
38) Carbon Tetrachloride	8.134	117	74212	20.284	ug/l	92
39) Methylcyclohexane	9.398	83	88469	19.697	ug/l	97
40) Benzene	8.386	78	226356	20.861	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	61073	23.942	ug/l	97
42) 1,2-Dichloroethane	8.463	62	88466	21.327	ug/l	100
43) Isopropyl Acetate	8.492	43	179060	21.298	ug/l	99
44) Trichloroethene	9.151	130	49092	20.181	ug/l	93
45) 1,2-Dichloropropane	9.433	63	60381	20.963	ug/l	96
46) Dibromomethane	9.516	93	40695	20.634	ug/l	96
47) Bromodichloromethane	9.698	83	85584	21.771	ug/l	99
48) Methyl methacrylate	9.498	41	80832	21.816	ug/l	94
49) 1,4-Dioxane	9.510	88	36486	467.284	ug/l	93
51) 4-Methyl-2-Pentanone	10.275	43	640138	116.429	ug/l	99
52) Toluene	10.445	92	141911	21.148	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	85812	19.788	ug/l	96
54) cis-1,3-Dichloropropene	10.128	75	92043	19.909	ug/l	92
55) 1,1,2-Trichloroethane	10.845	97	57124	20.652	ug/l	96
56) Ethyl methacrylate	10.704	69	97535	20.753	ug/l #	85
57) 1,3-Dichloropropane	10.986	76	108825	22.509	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	223996	102.456	ug/l	98
59) 2-Hexanone	11.027	43	522916	123.246	ug/l	96
60) Dibromochloromethane	11.180	129	58719	20.968	ug/l	99
61) 1,2-Dibromoethane	11.286	107	59853	21.033	ug/l	98
64) Tetrachloroethene	10.916	164	38516	19.233	ug/l	89
65) Chlorobenzene	11.716	112	143768	20.184	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.786	131	52524	18.877	ug/l	97
67) Ethyl Benzene	11.786	91	271228	20.160	ug/l	97
68) m/p-Xylenes	11.892	106	205568	40.645	ug/l	99
69) o-Xylene	12.222	106	102607	20.183	ug/l	97
70) Styrene	12.239	104	171817	21.258	ug/l	99
71) Bromoform	12.404	173	41411	19.870	ug/l #	98
73) Isopropylbenzene	12.521	105	263839	20.443	ug/l	99
74) N-amyl acetate	12.333	43	160375	23.634	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.769	83	106097	21.875	ug/l	98
76) 1,2,3-Trichloropropane	12.827	75	71038m	20.230	ug/l	
77) Bromobenzene	12.798	156	56425	20.366	ug/l	96
78) n-propylbenzene	12.863	91	311150	21.045	ug/l	98
79) 2-Chlorotoluene	12.951	91	193091	21.421	ug/l	95
80) 1,3,5-Trimethylbenzene	13.004	105	217518	20.315	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	28714	18.226	ug/l #	83
82) 4-Chlorotoluene	13.051	91	170021	19.548	ug/l	99
83) tert-Butylbenzene	13.269	119	192116	19.930	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	222894	21.003	ug/l	99
85) sec-Butylbenzene	13.445	105	271681	20.710	ug/l	99
86) p-Isopropyltoluene	13.563	119	213918	20.373	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	103975	20.298	ug/l	97
88) 1,4-Dichlorobenzene	13.639	146	100806	19.481	ug/l	99
89) n-Butylbenzene	13.886	91	186040	20.821	ug/l	99
90) Hexachloroethane	14.157	117	42796	19.293	ug/l	91
91) 1,2-Dichlorobenzene	13.927	146	105797	19.639	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	25191	22.133	ug/l	94
93) 1,2,4-Trichlorobenzene	15.198	180	48264	17.979	ug/l	97
94) Hexachlorobutadiene	15.310	225	21424	17.608	ug/l	96
95) Naphthalene	15.439	128	207174	19.727	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	50174	18.062	ug/l	97

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ClientSampleId :
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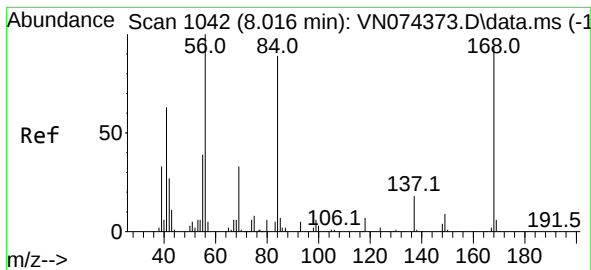
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Sep 10 06:10:29 2022
Response via : Initial Calibration

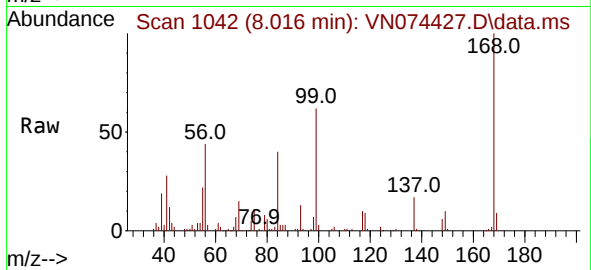
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074427.D
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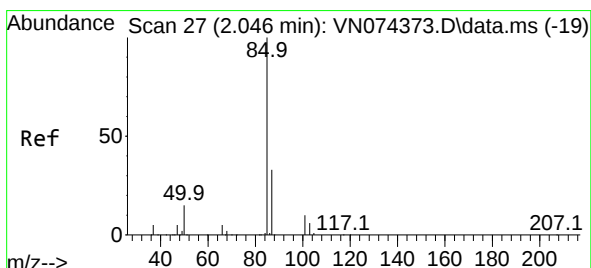
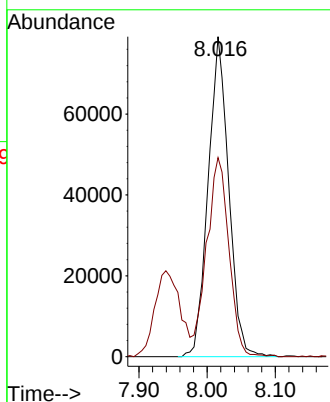
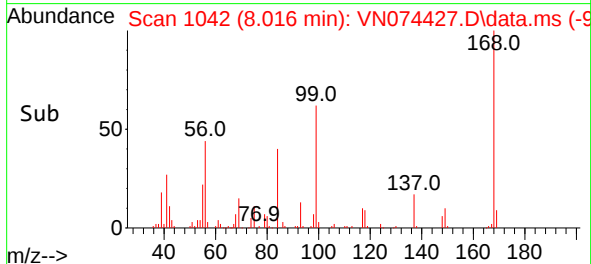
Instrument :
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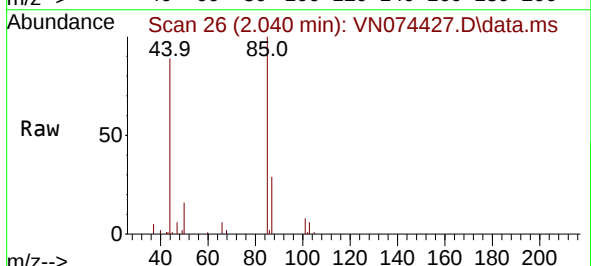
Tgt Ion:168 Resp: 16594
Ion Ratio Lower Upper
168 100
99 62.2 52.8 79.2

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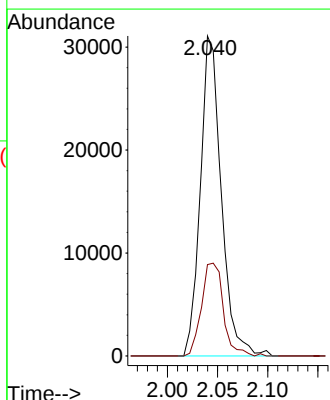
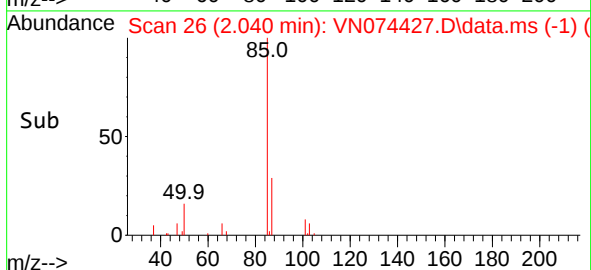
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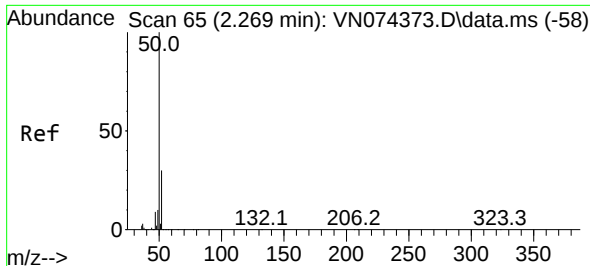


#2
Dichlorodifluoromethane
Concen: 21.064 ug/l
RT: 2.040 min Scan# 26
Delta R.T. -0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



Tgt Ion: 85 Resp: 45298
Ion Ratio Lower Upper
85 100
87 28.5 16.4 49.2





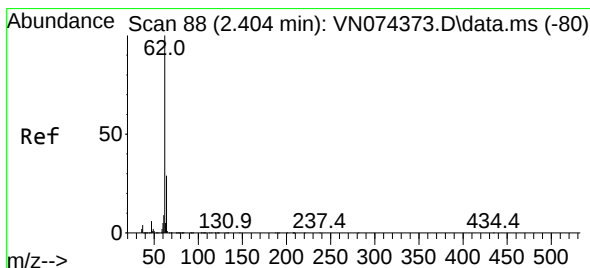
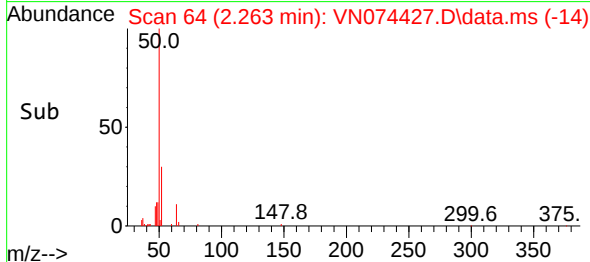
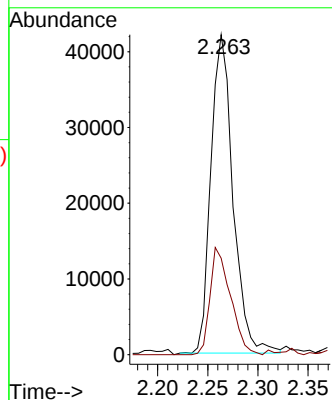
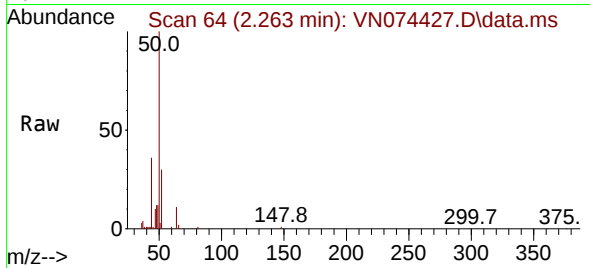
#3
Chloromethane
Concen: 24.244 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

Instrument :
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Tgt Ion: 50 Resp: 64340
Ion Ratio Lower Upper
50 100
52 30.3 24.1 36.1

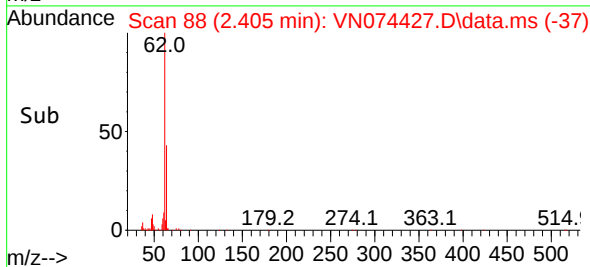
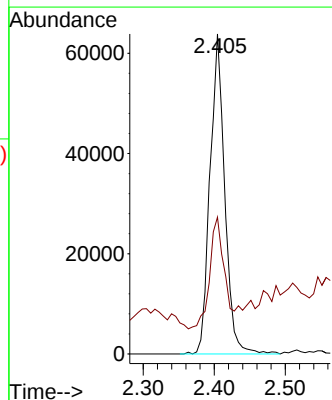
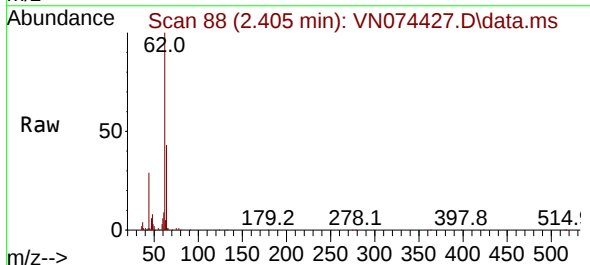
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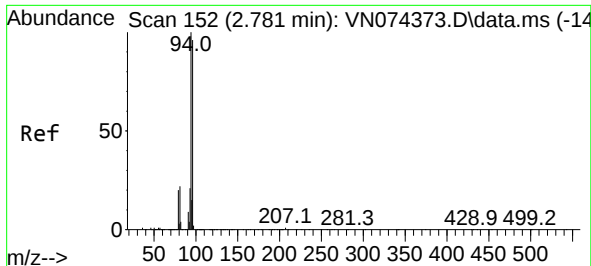
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#4
Vinyl Chloride
Concen: 25.682 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

Tgt Ion: 62 Resp: 92269
Ion Ratio Lower Upper
62 100
64 33.1 23.5 35.3





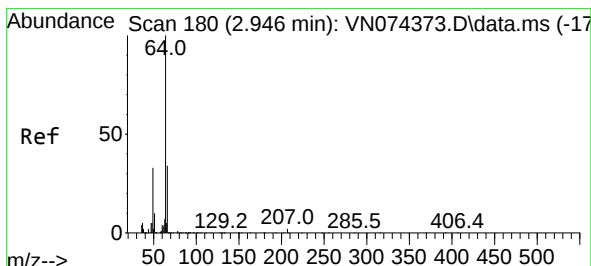
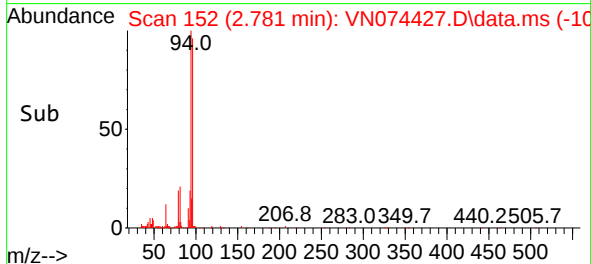
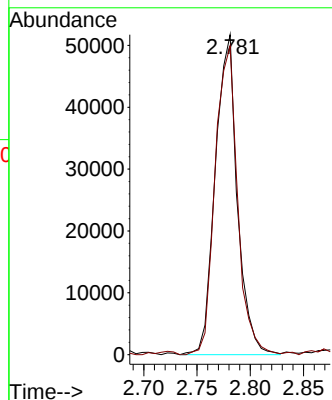
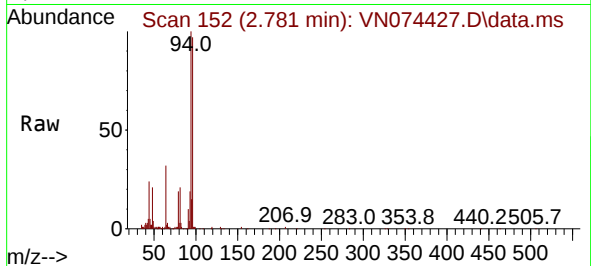
#5
Bromomethane
Concen: 29.580 ug/l
RT: 2.781 min Scan# 152
Delta R.T. -0.000 min
Lab File: VN074427.D
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Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 7426
Ion Ratio Lower Upper
94 100
96 96.5 76.7 115.1

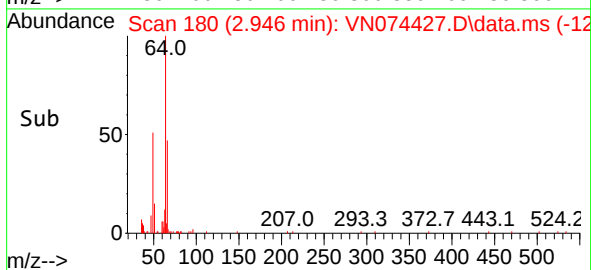
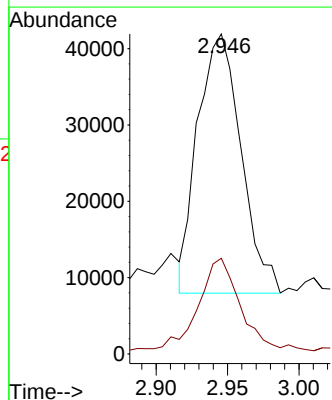
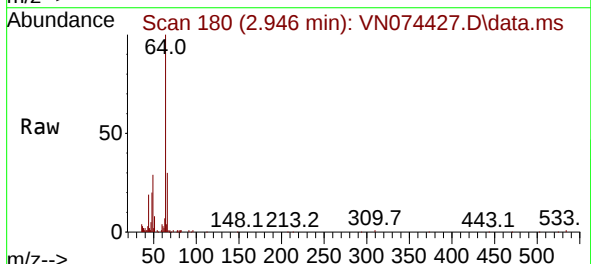
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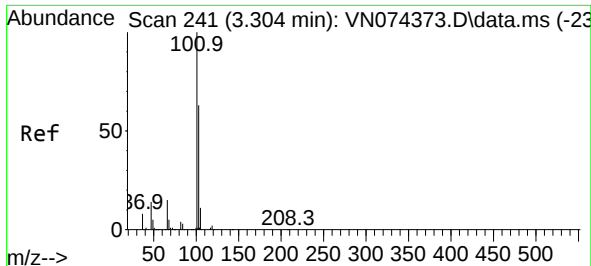
Reviewed By :John Carlone 09/14/2022
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#6
Chloroethane
Concen: 30.544 ug/l m
RT: 2.946 min Scan# 180
Delta R.T. -0.000 min
Lab File: VN074427.D
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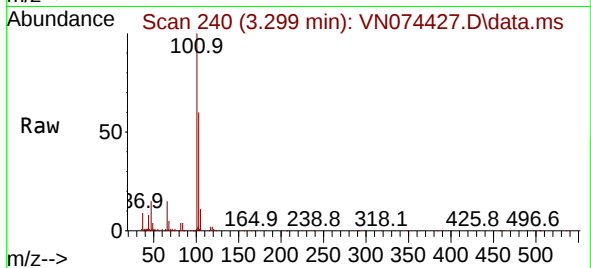
Tgt Ion: 64 Resp: 71653
Ion Ratio Lower Upper
64 100
66 29.9 26.5 39.7





#7
Trichlorofluoromethane
Concen: 44.959 ug/l
RT: 3.299 min Scan# 241
Delta R.T. -0.006 min
Lab File: VN074427.D
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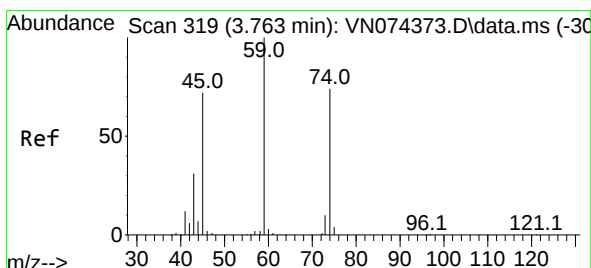
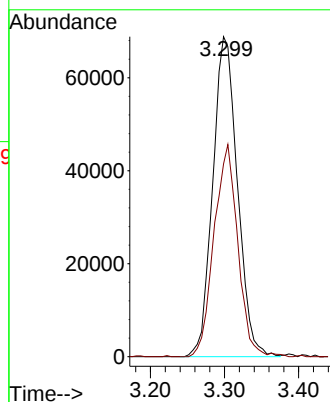
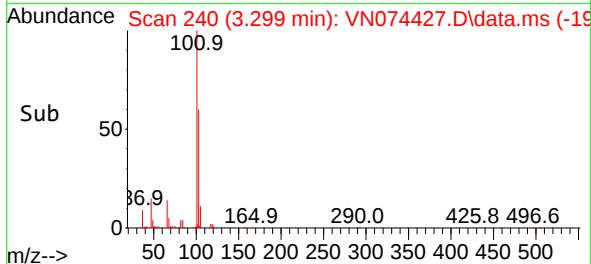
Instrument :
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Tgt Ion:101 Resp: 159490
Ion Ratio Lower Upper
101 100
103 60.3 50.8 76.2

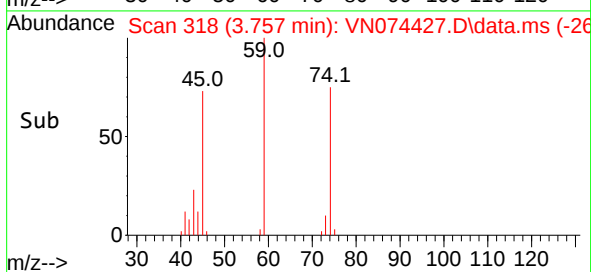
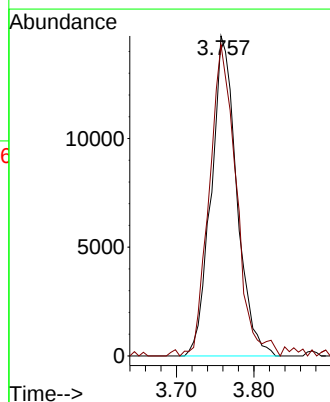
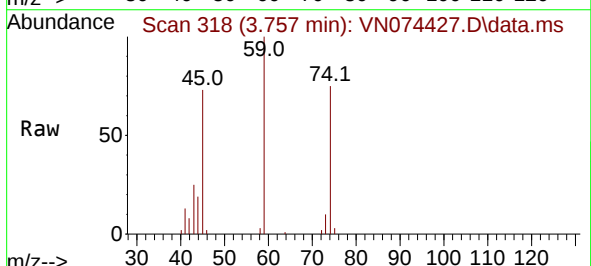
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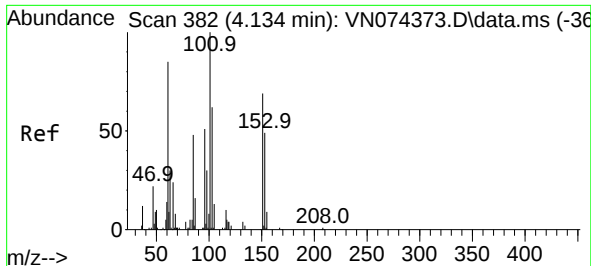
Reviewed By :John Carlone 09/14/2022
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#8
Diethyl Ether
Concen: 22.592 ug/l
RT: 3.757 min Scan# 318
Delta R.T. -0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

Tgt Ion: 74 Resp: 33817
Ion Ratio Lower Upper
74 100
45 102.1 52.4 157.3





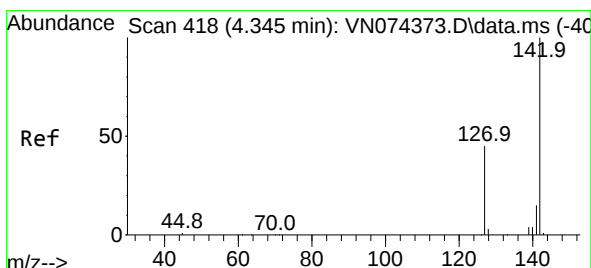
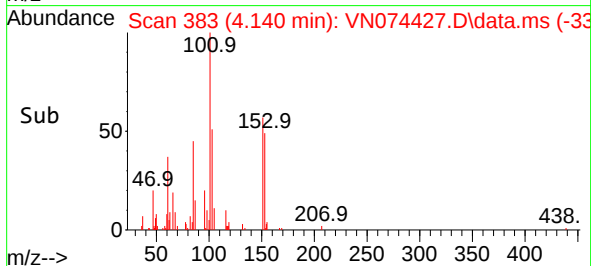
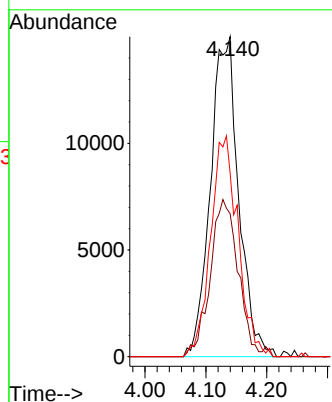
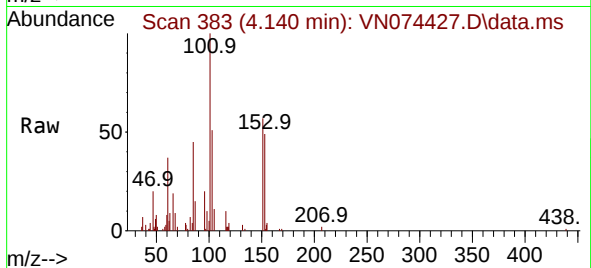
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.775 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

Tgt Ion:101 Resp: 4841
Ion Ratio Lower Upper
101 100
85 48.3 39.5 59.3
151 67.0 57.8 86.6

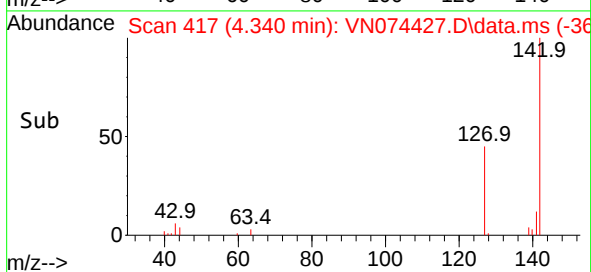
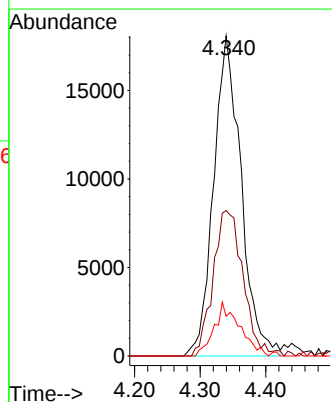
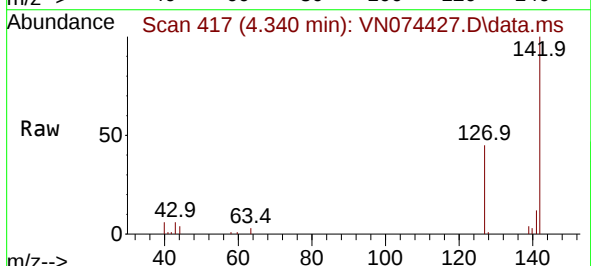
Manual Integrations
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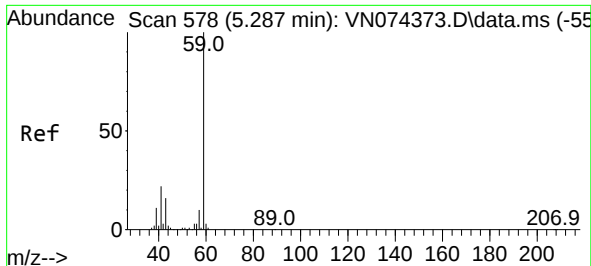
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#10
Methyl Iodide
Concen: 21.393 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

Tgt Ion:142 Resp: 52571
Ion Ratio Lower Upper
142 100
127 49.6 37.4 56.2
141 15.5 11.2 16.8





#11

Tert butyl alcohol

Concen: 123.157 ug/l

RT: 5.293 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN074427.D

Acq: 13 Sep 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

Tgt Ion: 59 Resp: 92480

Ion Ratio Lower Upper

59 100

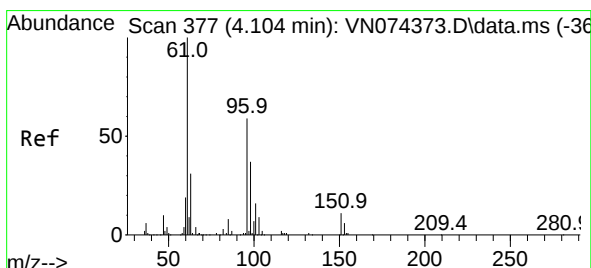
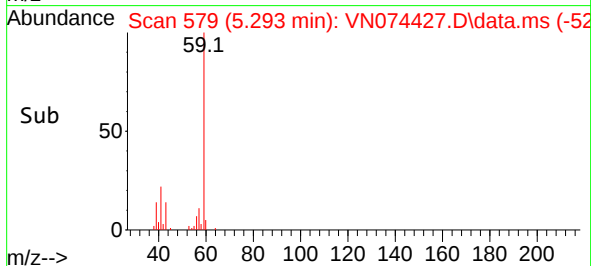
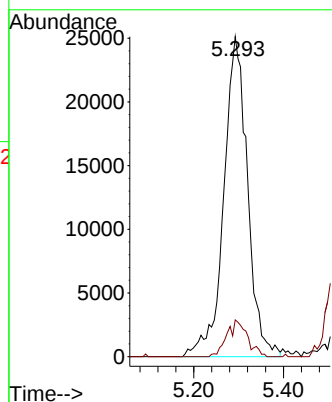
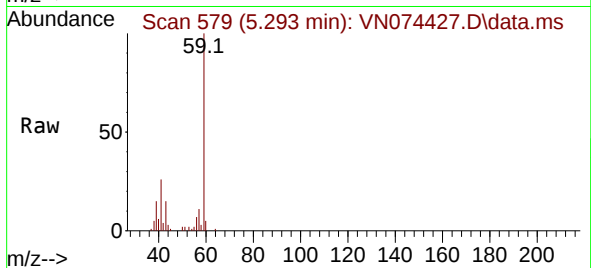
57 10.0 8.8 13.2

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Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#12

1,1-Dichloroethene

Concen: 21.009 ug/l

RT: 4.104 min Scan# 377

Delta R.T. 0.000 min

Lab File: VN074427.D

Acq: 13 Sep 2022 12:33

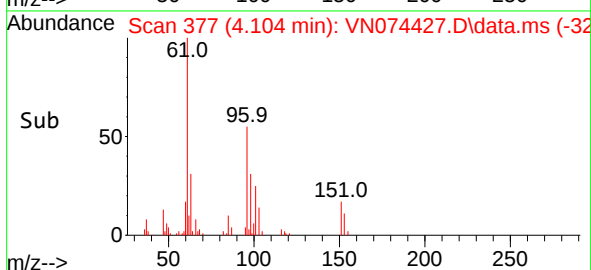
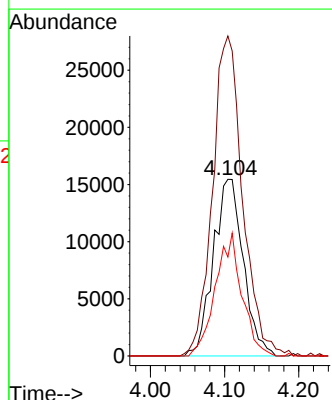
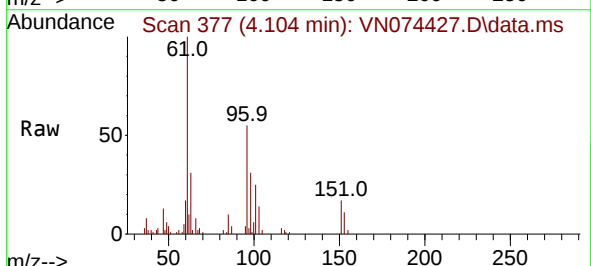
Tgt Ion: 96 Resp: 43460

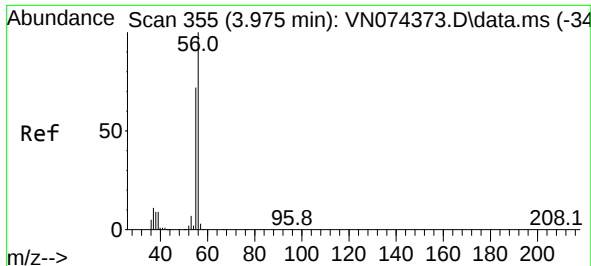
Ion Ratio Lower Upper

96 100

61 181.2 134.7 202.1

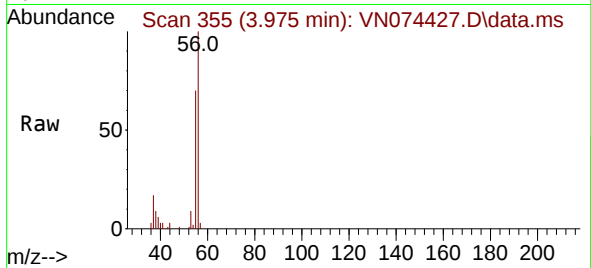
98 56.0 50.2 75.4





#13
Acrolein
Concen: 124.826 ug/l
RT: 3.975 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

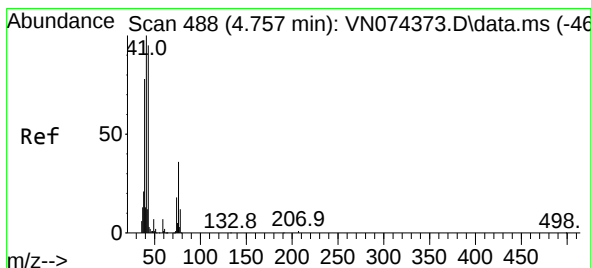
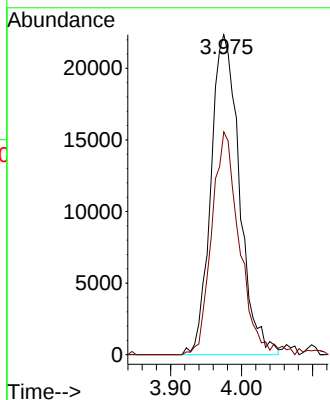
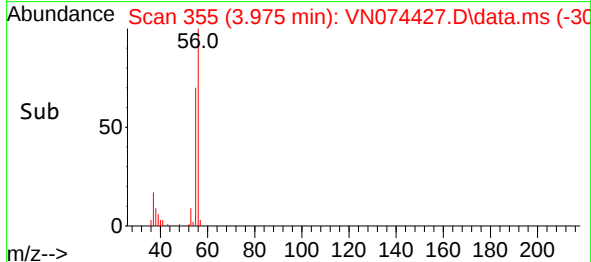
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



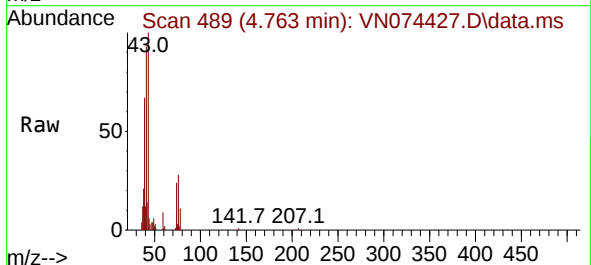
Tgt Ion: 56 Resp: 6226
Ion Ratio Lower Upper
56 100
55 66.5 56.2 84.4

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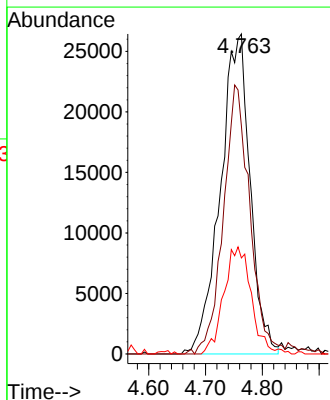
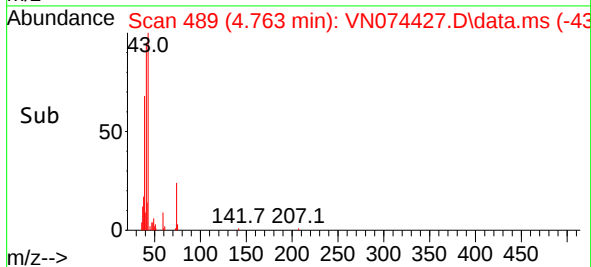
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

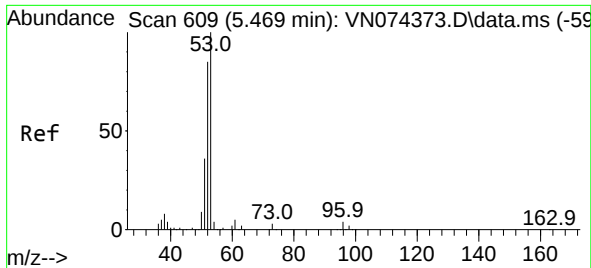


#14
Allyl chloride
Concen: 21.230 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



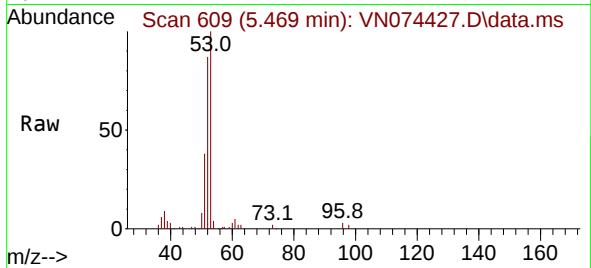
Tgt Ion: 41 Resp: 96329
Ion Ratio Lower Upper
41 100
39 74.6 58.5 87.7
76 30.9 24.2 36.4





#15
Acrylonitrile
Concen: 122.314 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

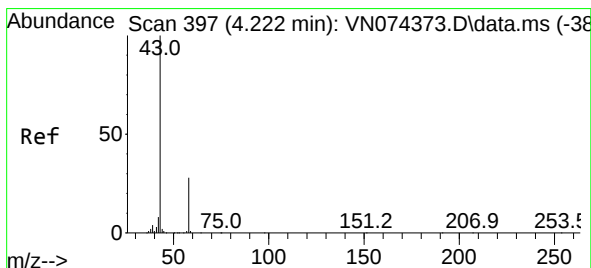
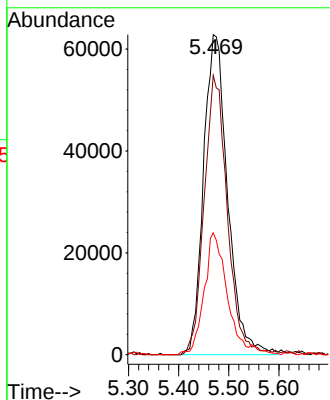
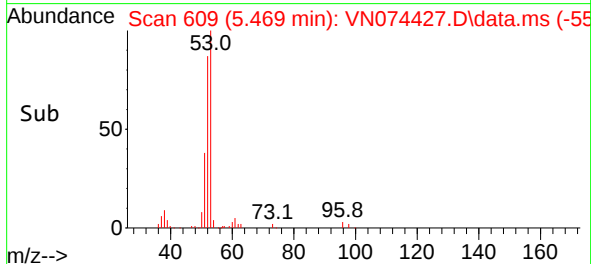
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



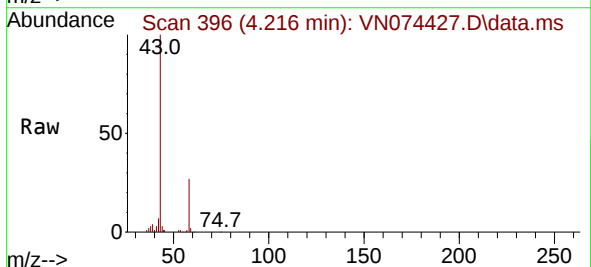
Tgt Ion: 53 Resp: 210145
Ion Ratio Lower Upper
53 100
52 83.3 65.9 98.9
51 35.5 29.4 44.2

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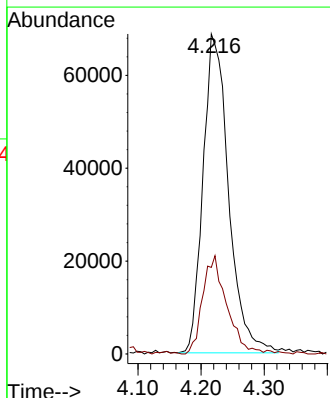
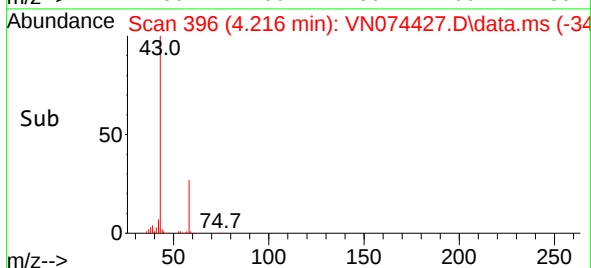
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

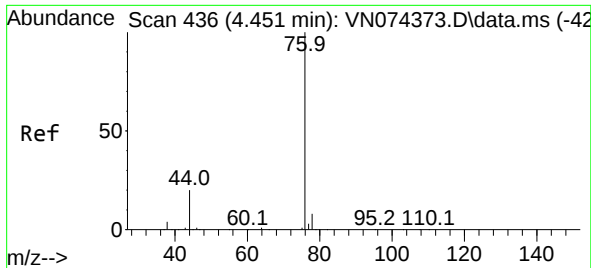


#16
Acetone
Concen: 124.499 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



Tgt Ion: 43 Resp: 192973
Ion Ratio Lower Upper
43 100
58 26.8 22.7 34.1





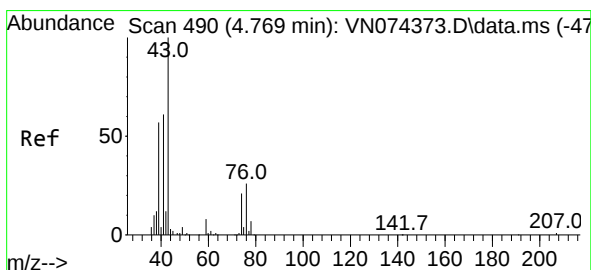
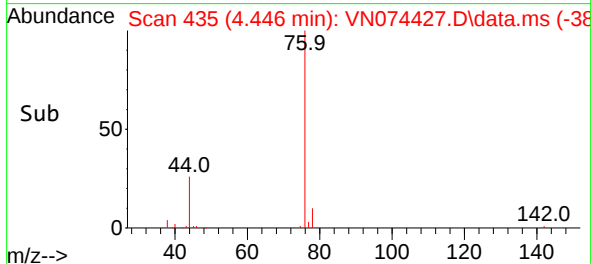
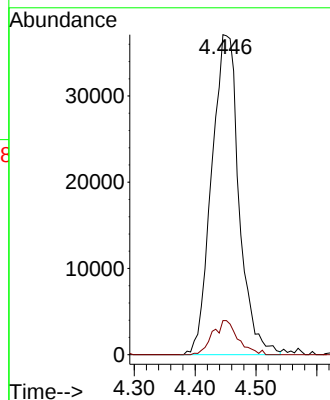
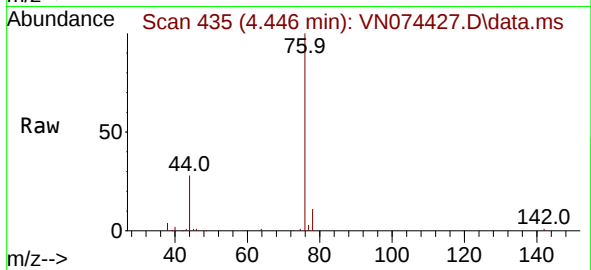
#17
Carbon Disulfide
Concen: 20.611 ug/l
RT: 4.446 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

Tgt Ion: 76 Resp: 115875
Ion Ratio Lower Upper
76 100
78 10.6 6.5 9.7

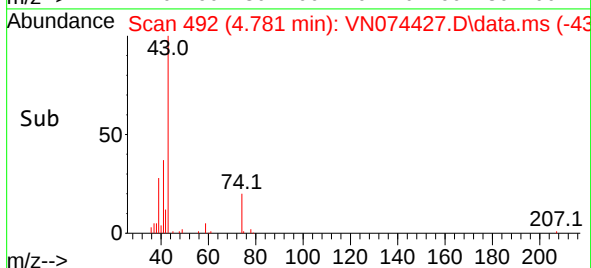
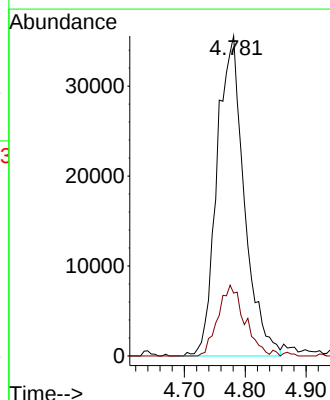
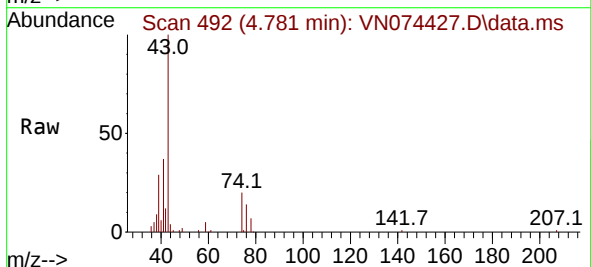
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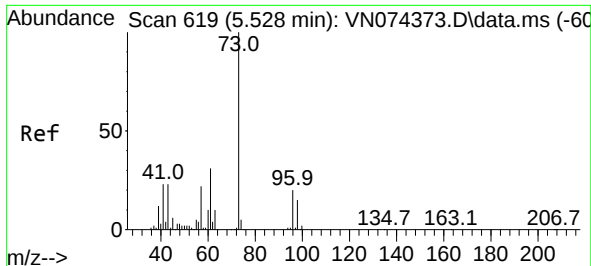
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#18
Methyl Acetate
Concen: 24.273 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.012 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

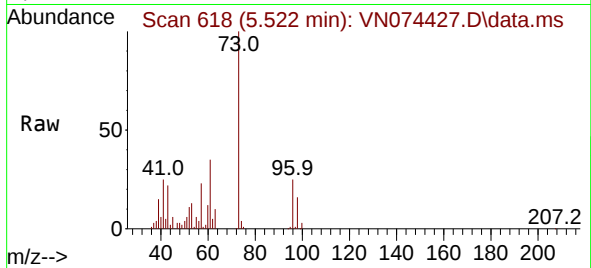
Tgt Ion: 43 Resp: 110908
Ion Ratio Lower Upper
43 100
74 21.4 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 21.767 ug/l
RT: 5.522 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

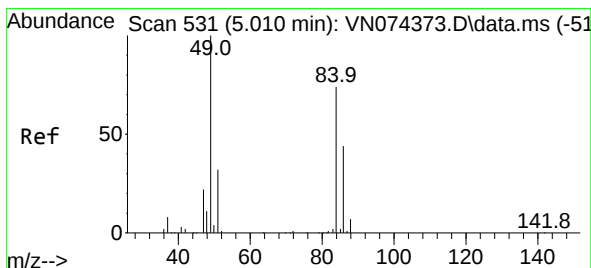
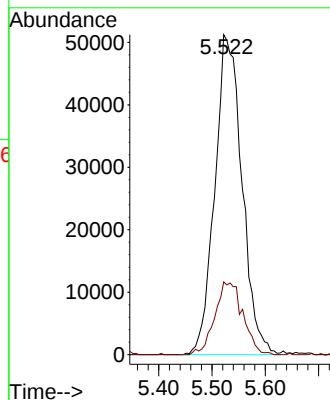
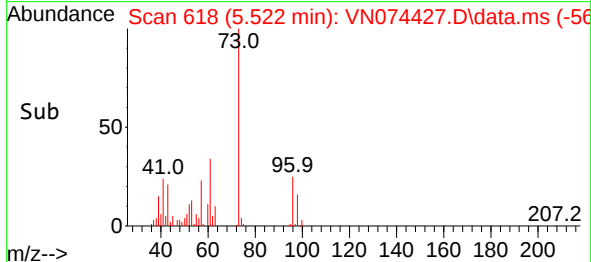
Instrument :
MSVOA_N
Client Sample Id :
VN0913WBS01



Tgt Ion: 73 Resp: 181234
Ion Ratio Lower Upper
73 100
57 22.7 17.7 26.5

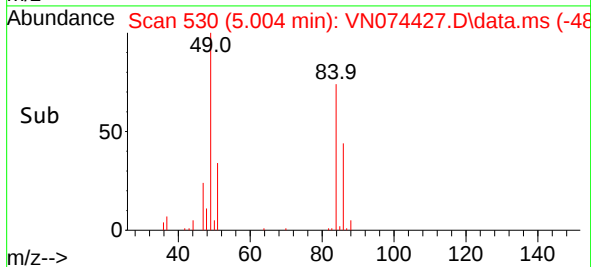
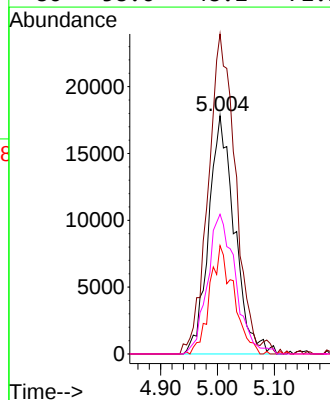
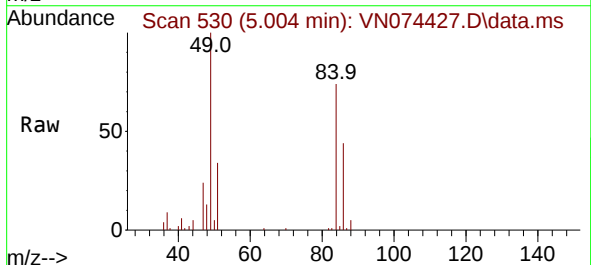
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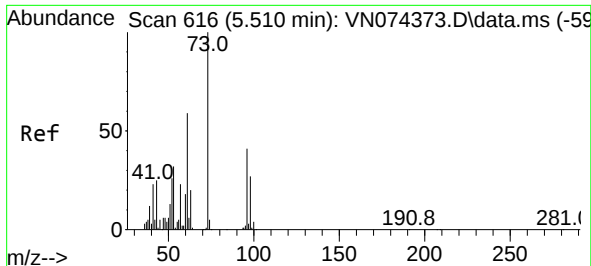
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#20
Methylene Chloride
Concen: 23.990 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

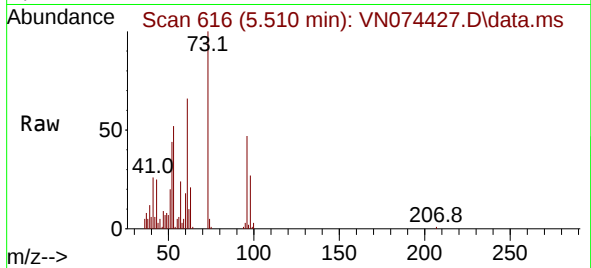
Tgt Ion: 84 Resp: 56339
Ion Ratio Lower Upper
84 100
49 134.3 108.2 162.4
51 45.5 34.3 51.5
86 58.6 48.2 72.2





#21
trans-1,2-Dichloroethene
Concen: 20.209 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

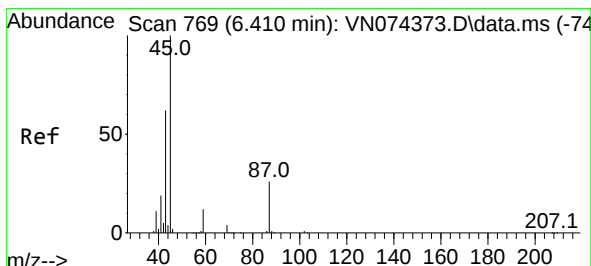
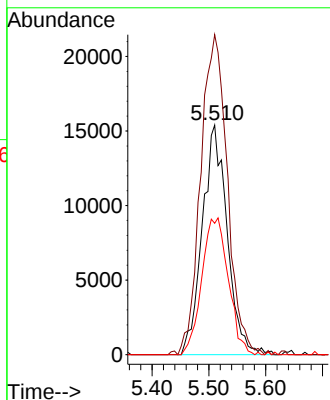
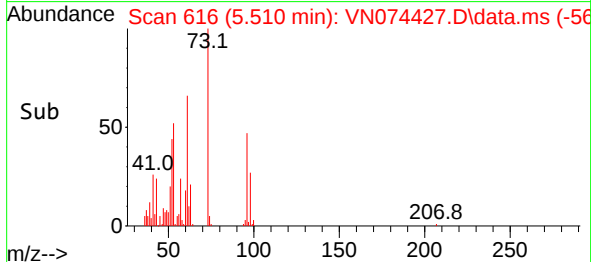
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



Tgt Ion: 96 Resp: 46844
Ion Ratio Lower Upper
96 100
61 139.4 115.3 172.9
98 57.2 53.4 80.0

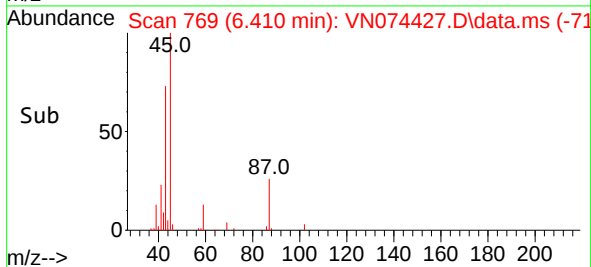
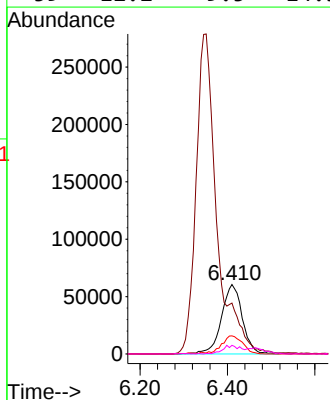
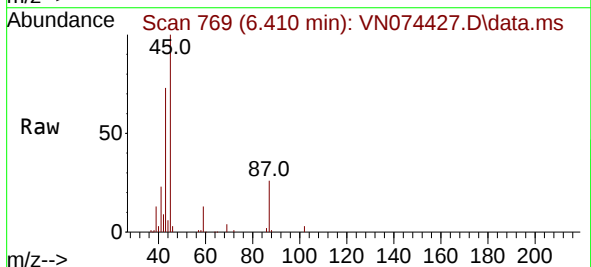
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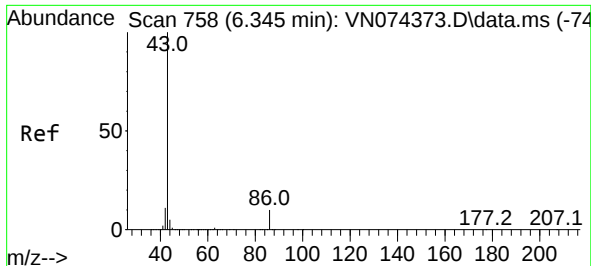
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#22
Diisopropyl ether
Concen: 21.867 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

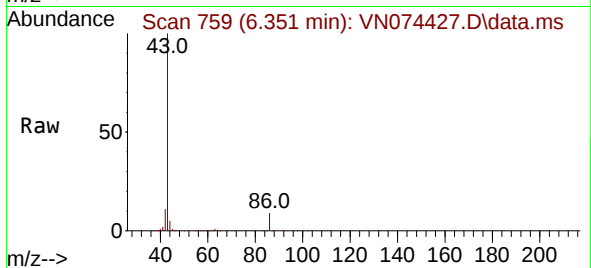
Tgt Ion: 45 Resp: 199780
Ion Ratio Lower Upper
45 100
43 71.8 49.4 74.0
87 26.0 21.3 31.9
59 12.2 9.5 14.3





#23
 Vinyl Acetate
 Concen: 112.918 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.006 min
 Lab File: VN074427.D
 Acq: 13 Sep 2022 12:33

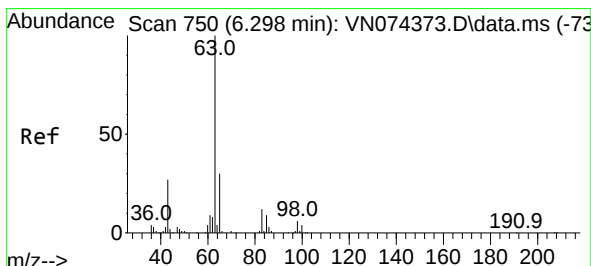
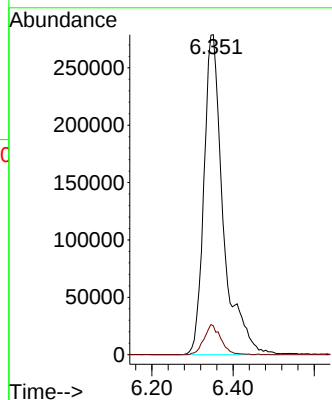
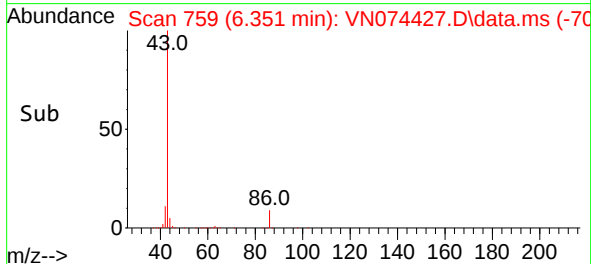
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS01



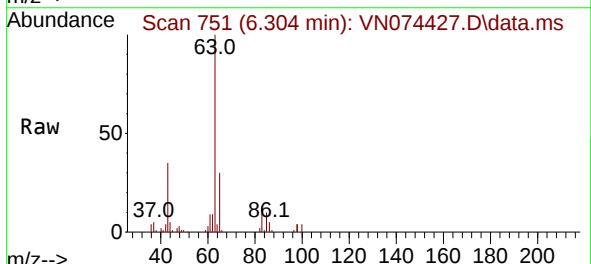
Tgt Ion: 43 Resp: 920670
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.6 11.4

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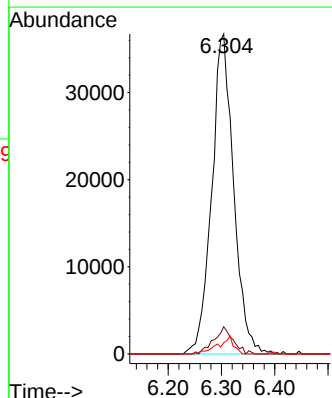
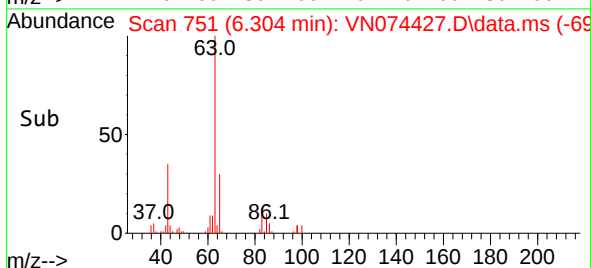
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

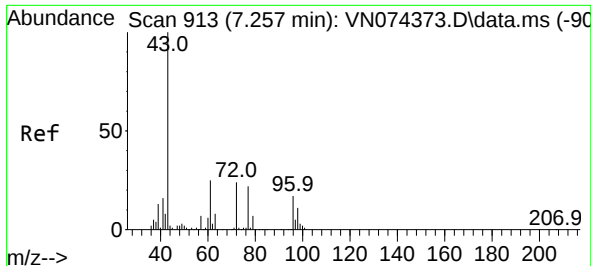


#24
 1,1-Dichloroethane
 Concen: 22.355 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.006 min
 Lab File: VN074427.D
 Acq: 13 Sep 2022 12:33



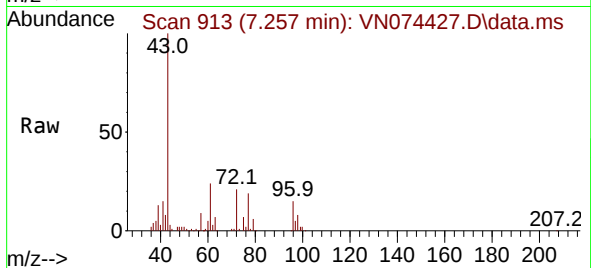
Tgt Ion: 63 Resp: 104944
 Ion Ratio Lower Upper
 63 100
 98 8.5 2.9 8.6
 100 3.6 2.0 5.8





#25
2-Butanone
Concen: 124.947 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

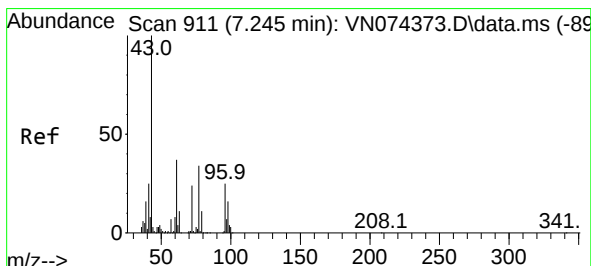
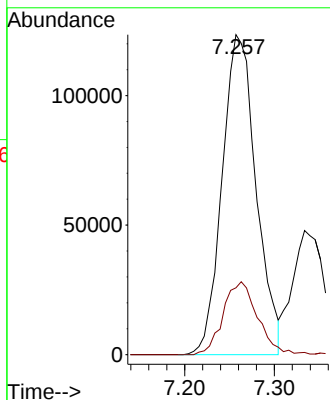
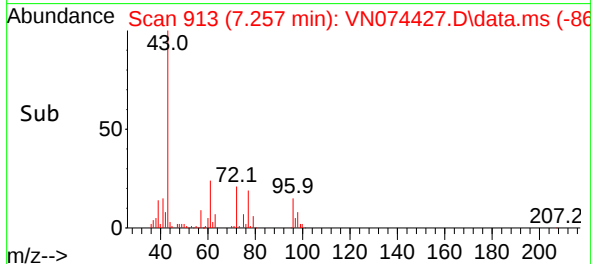
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



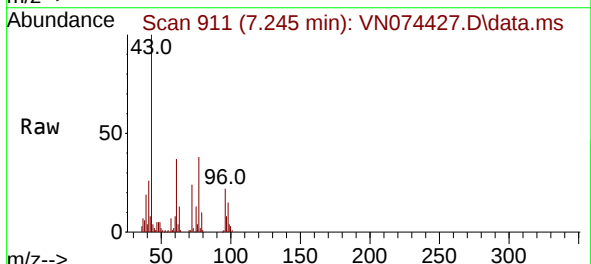
Tgt Ion: 43 Resp: 325090
Ion Ratio Lower Upper
43 100
72 20.9 18.9 28.3

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APPROVED

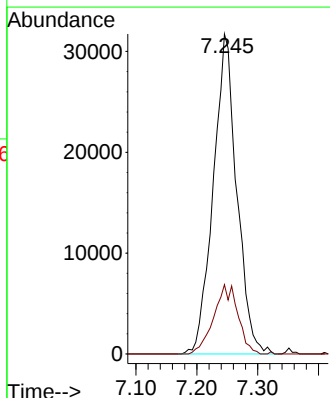
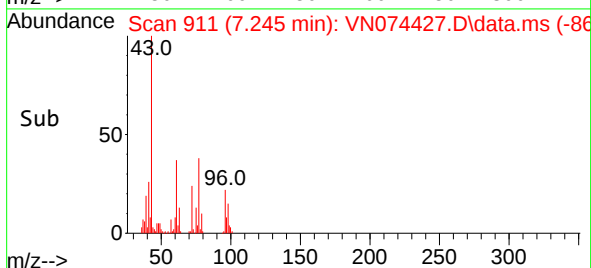
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#26
2,2-Dichloropropane
Concen: 20.040 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



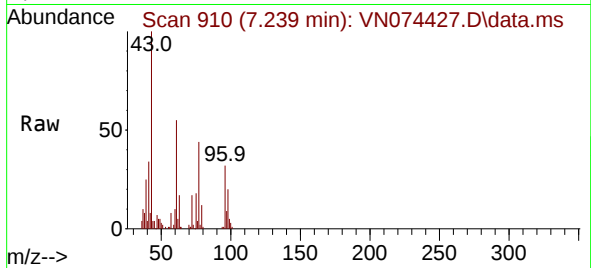
Tgt Ion: 77 Resp: 85105
Ion Ratio Lower Upper
77 100
97 22.4 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 19.872 ug/l
 RT: 7.239 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN074427.D
 Acq: 13 Sep 2022 12:33

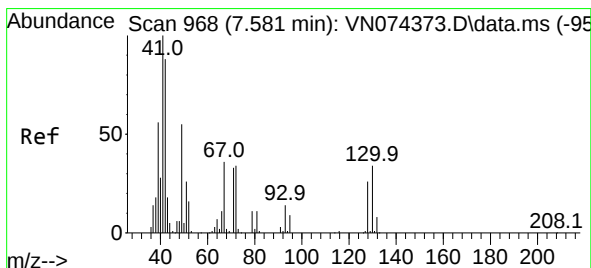
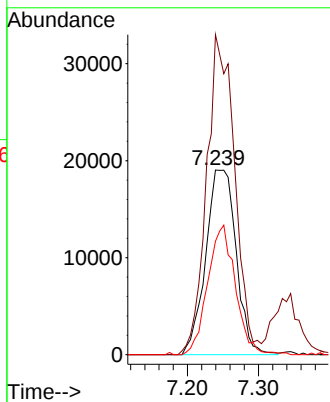
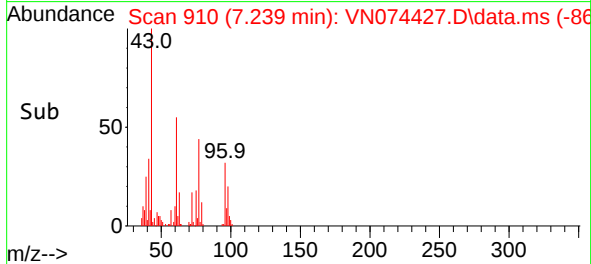
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS01



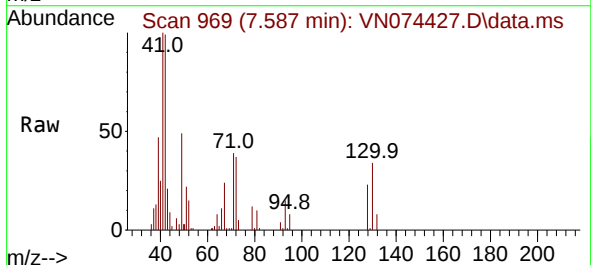
Tgt Ion: 96 Resp: 56750
 Ion Ratio Lower Upper
 96 100
 61 159.8 0.0 306.2
 98 63.7 0.0 129.8

Manual Integrations
 APPROVED

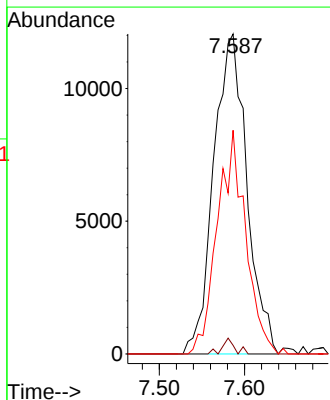
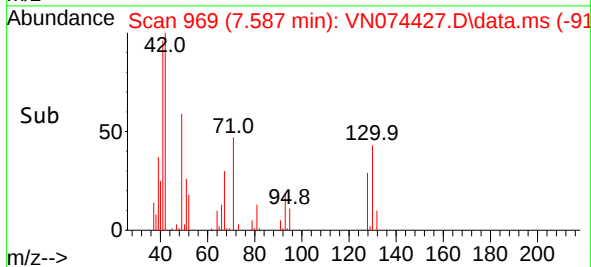
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

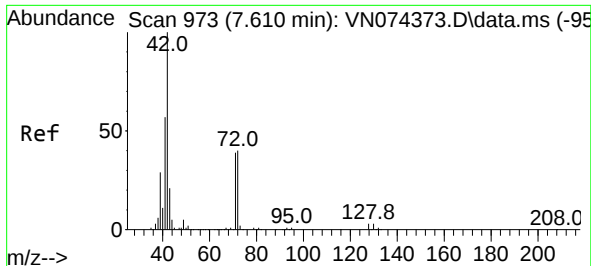


#28
 Bromochloromethane
 Concen: 22.644 ug/l
 RT: 7.587 min Scan# 969
 Delta R.T. 0.006 min
 Lab File: VN074427.D
 Acq: 13 Sep 2022 12:33



Tgt Ion: 49 Resp: 32552
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 2.2
 130 59.7 50.0 75.0





#29

Tetrahydrofuran

Concen: 122.818 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074427.D

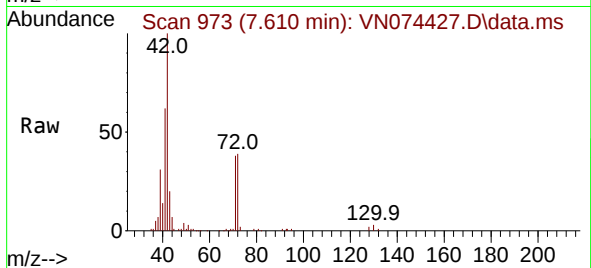
Acq: 13 Sep 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01



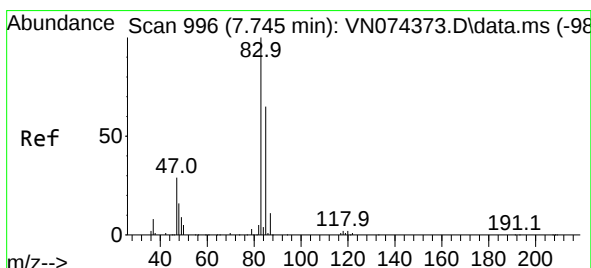
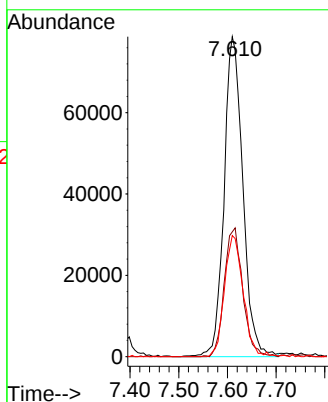
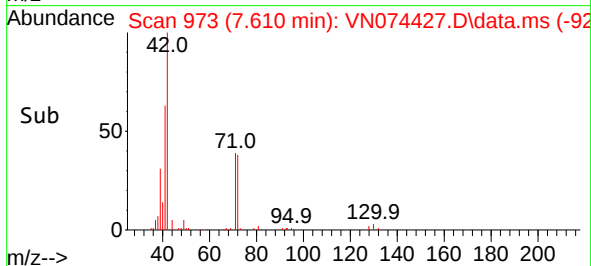
Tgt Ion:	42	Resp:	211240
Ion	Ratio	Lower	Upper
42	100		
72	39.6	32.7	49.1
71	37.4	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#30

Chloroform

Concen: 21.930 ug/l

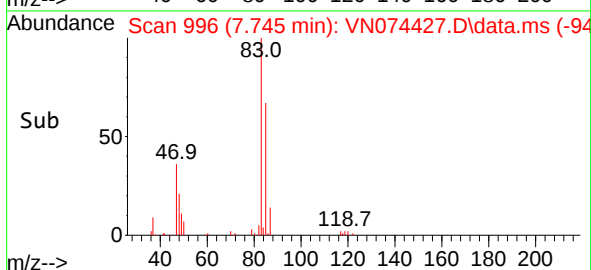
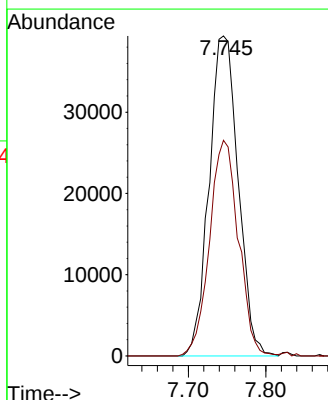
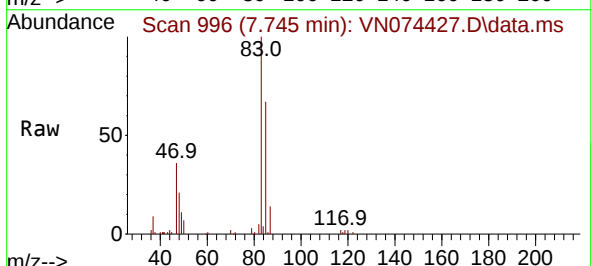
RT: 7.745 min Scan# 996

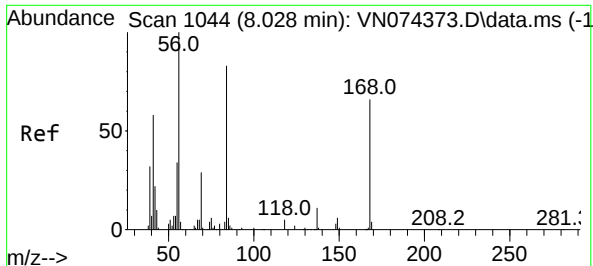
Delta R.T. 0.000 min

Lab File: VN074427.D

Acq: 13 Sep 2022 12:33

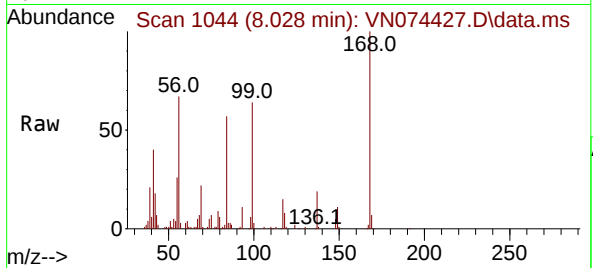
Tgt Ion:	83	Resp:	102759
Ion	Ratio	Lower	Upper
83	100		
85	67.4	51.8	77.6





#31
Cyclohexane
Concen: 20.867 ug/l
RT: 8.028 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

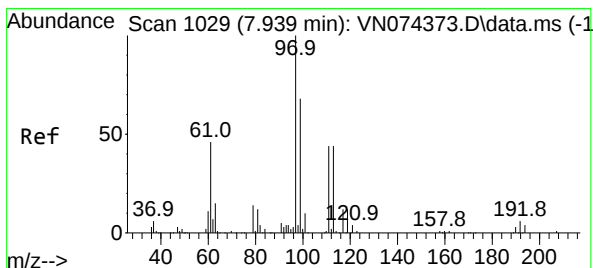
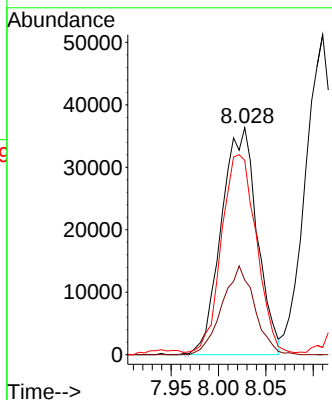
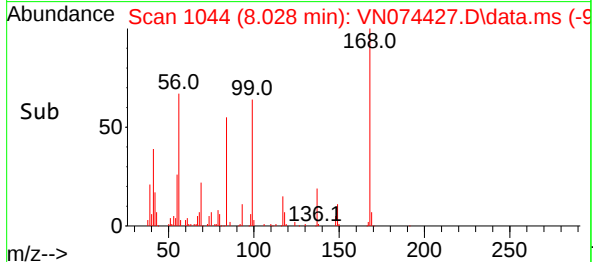
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



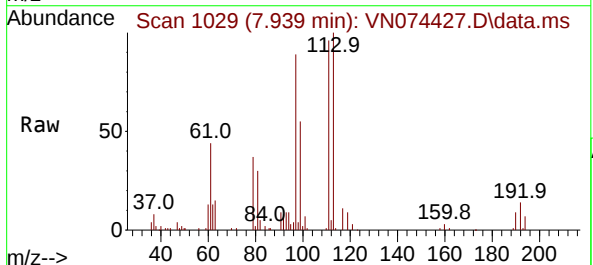
Tgt Ion: 56 Resp: 9528
Ion Ratio Lower Upper
56 100
69 32.8 23.0 34.4
84 83.7 66.3 99.5

Manual Integrations
APPROVED

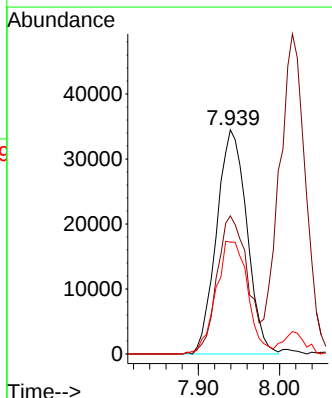
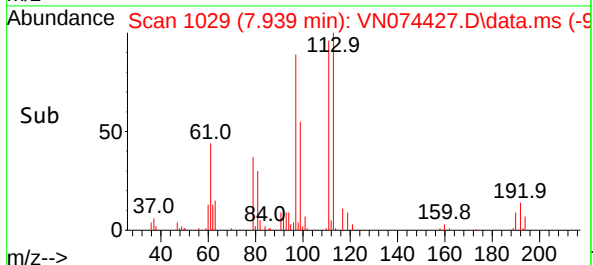
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

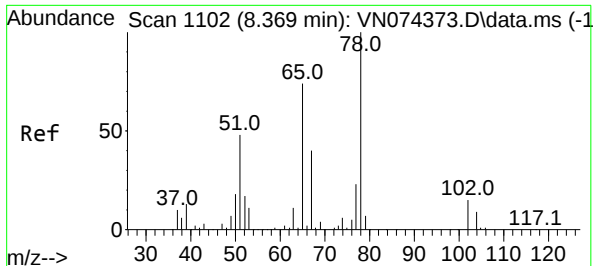


#32
1,1,1-Trichloroethane
Concen: 21.257 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



Tgt Ion: 97 Resp: 89355
Ion Ratio Lower Upper
97 100
99 61.3 50.2 75.2
61 52.8 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 61.875 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN074427.D

Acq: 13 Sep 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

Tgt Ion: 65 Resp: 17764

Ion Ratio Lower Upper

65 100

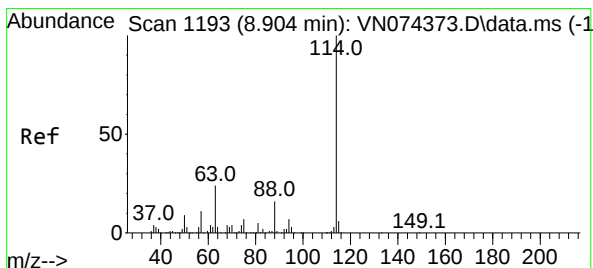
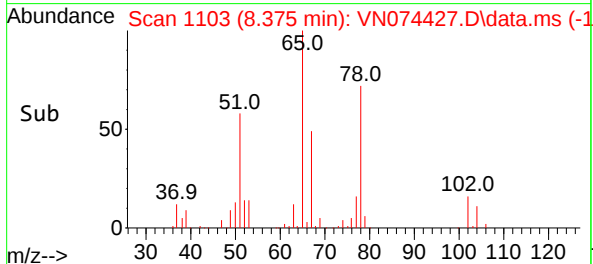
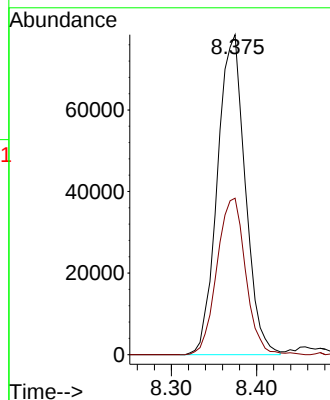
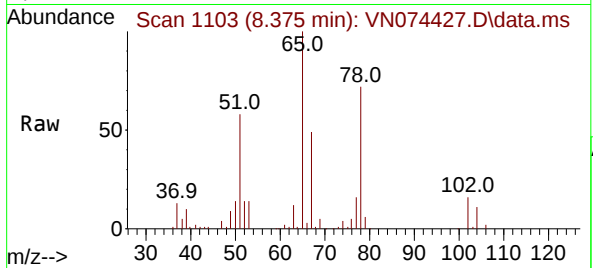
67 50.5 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074427.D

Acq: 13 Sep 2022 12:33

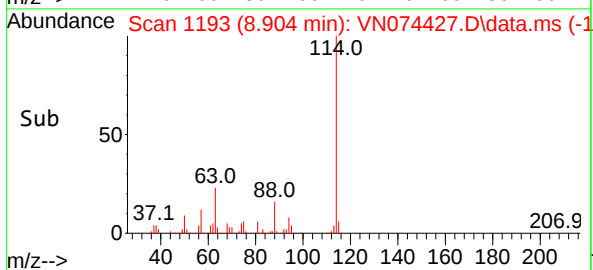
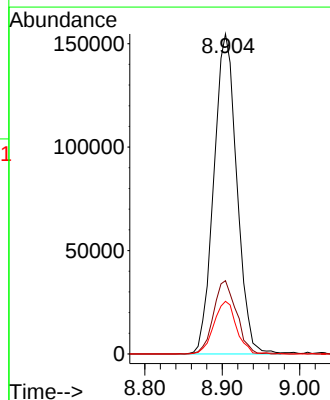
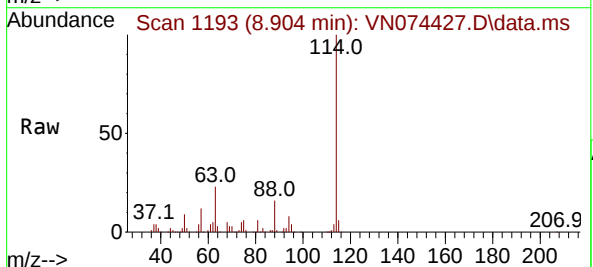
Tgt Ion:114 Resp: 318643

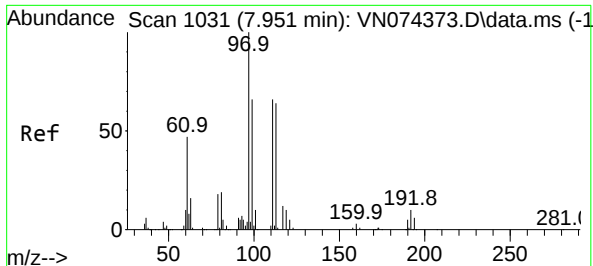
Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.6

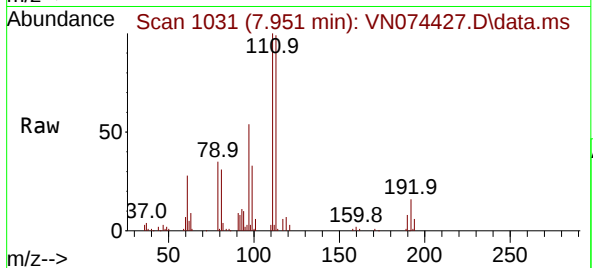
88 16.4 0.0 31.4





#35
Dibromofluoromethane
Concen: 58.514 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

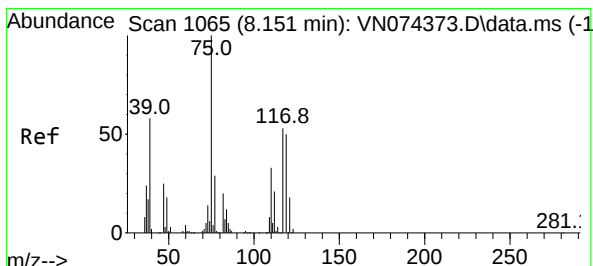
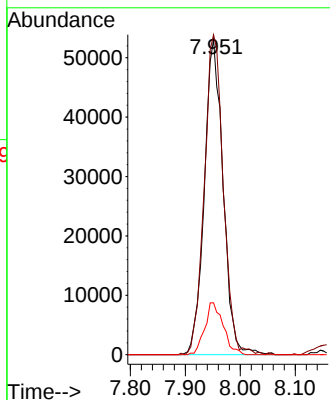
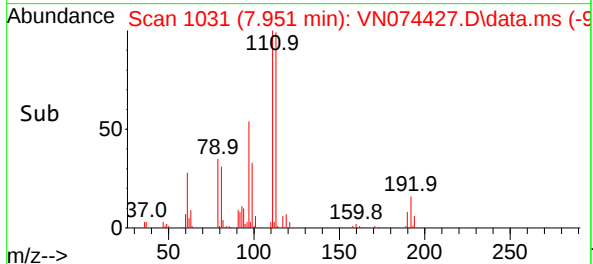
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



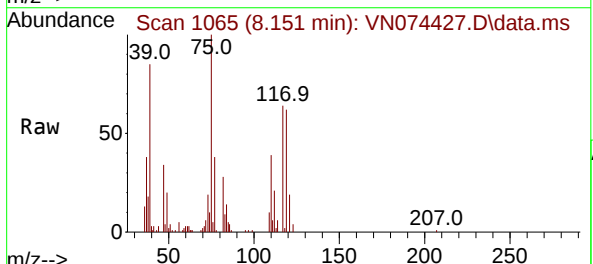
Tgt Ion: 113 Resp: 125872
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.4
192 16.3 13.7 20.5

Manual Integrations
APPROVED

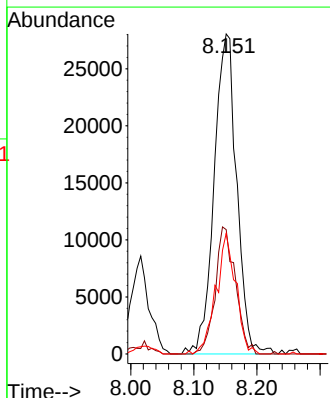
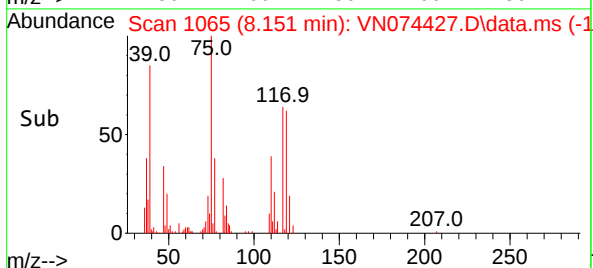
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

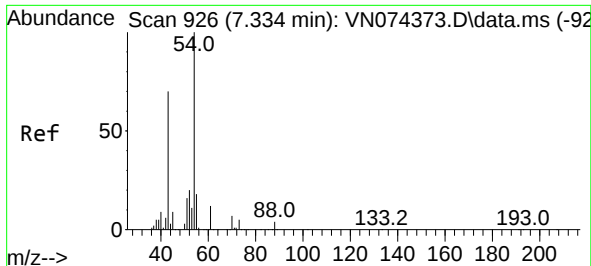


#36
1,1-Dichloropropene
Concen: 19.654 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



Tgt Ion: 75 Resp: 69652
Ion Ratio Lower Upper
75 100
110 35.4 16.4 49.1
77 33.1 25.4 38.2





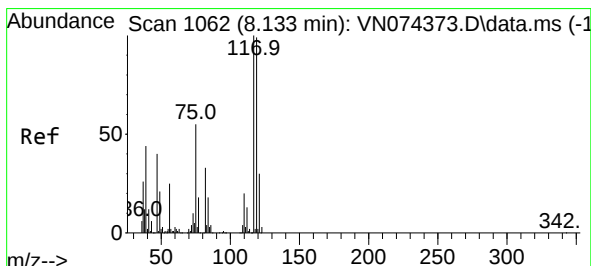
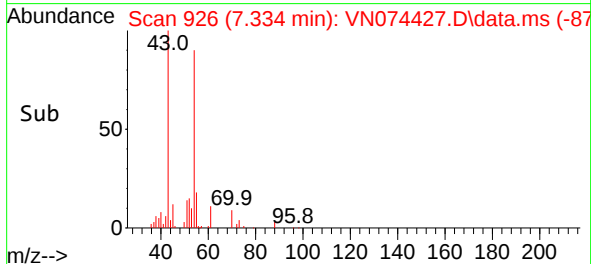
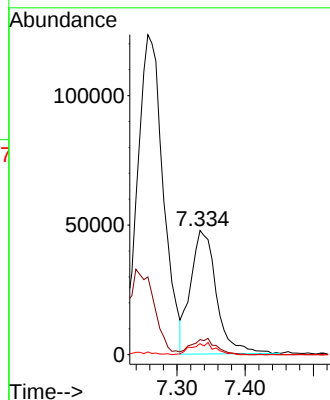
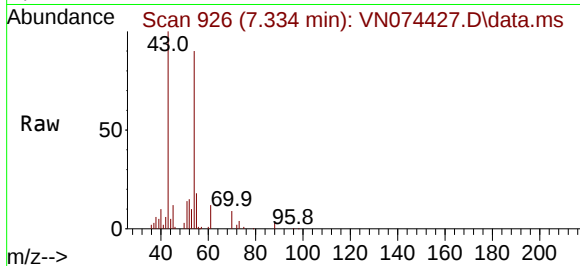
#37
Ethyl Acetate
Concen: 24.415 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

Tgt Ion: 43 Resp: 125512
Ion Ratio Lower Upper
43 100
61 12.5 11.1 16.7
70 8.8 7.2 10.8

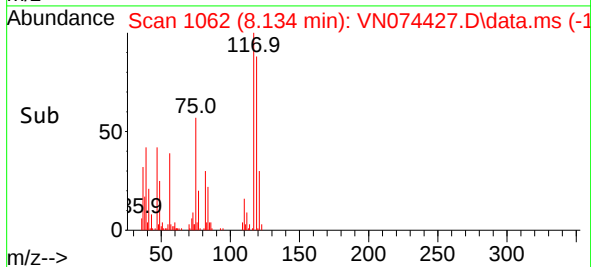
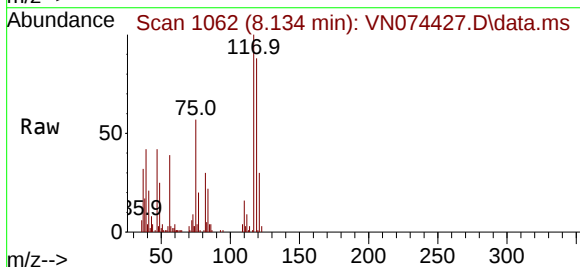
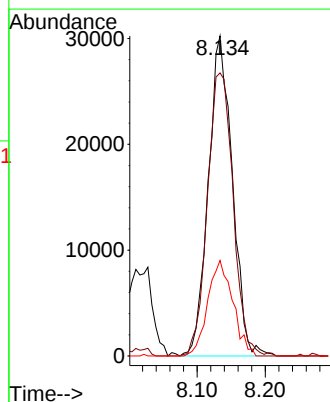
Manual Integrations
APPROVED

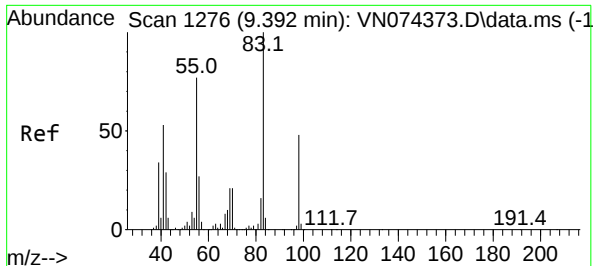
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#38
Carbon Tetrachloride
Concen: 20.284 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

Tgt Ion:117 Resp: 74212
Ion Ratio Lower Upper
117 100
119 88.5 78.8 118.2
121 29.8 24.1 36.1





#39

Methylcyclohexane

Concen: 19.697 ug/l

RT: 9.398 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN074427.D

Acq: 13 Sep 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

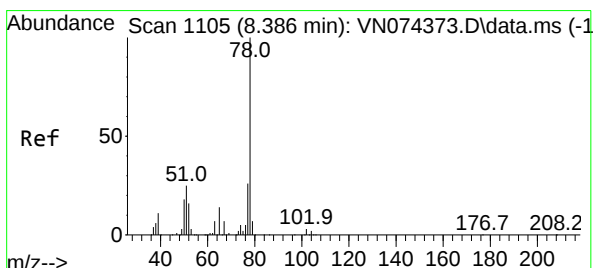
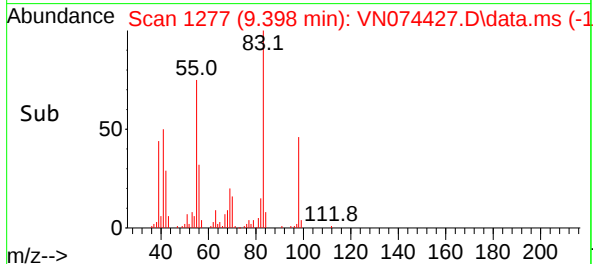
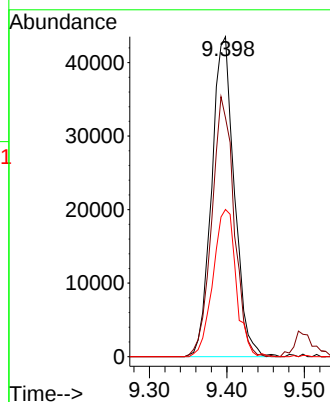
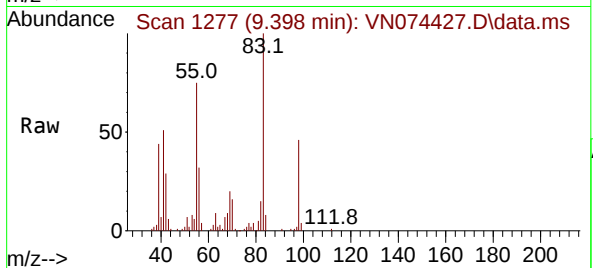
Tgt Ion:	83	Resp:	88469
Ion Ratio	Lower	Upper	
83	100		
55	74.7	61.2	91.8
98	46.0	38.5	57.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#40

Benzene

Concen: 20.861 ug/l

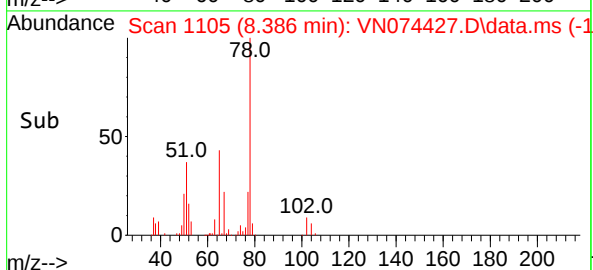
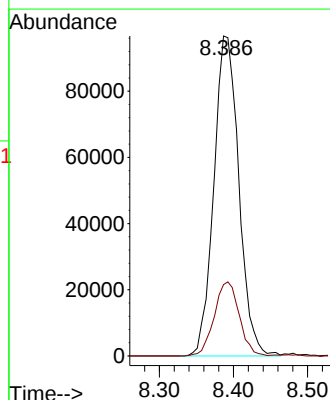
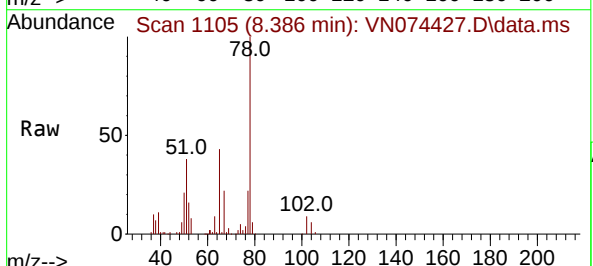
RT: 8.386 min Scan# 1105

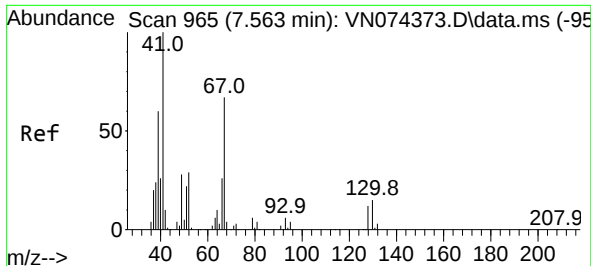
Delta R.T. 0.000 min

Lab File: VN074427.D

Acq: 13 Sep 2022 12:33

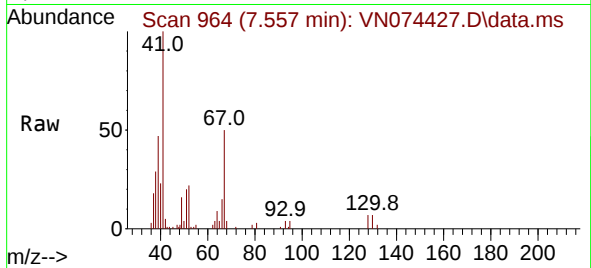
Tgt Ion:	78	Resp:	226356
Ion Ratio	Lower	Upper	
78	100		
77	22.3	20.6	31.0





#41
Methacrylonitrile
Concen: 23.942 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

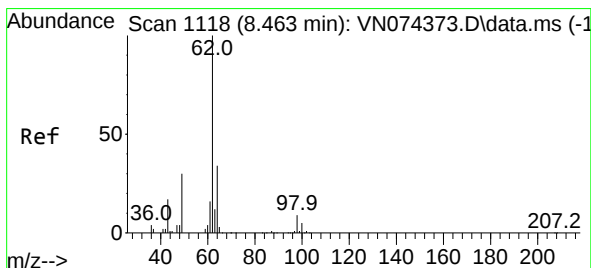
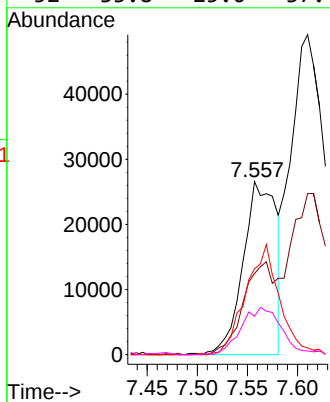
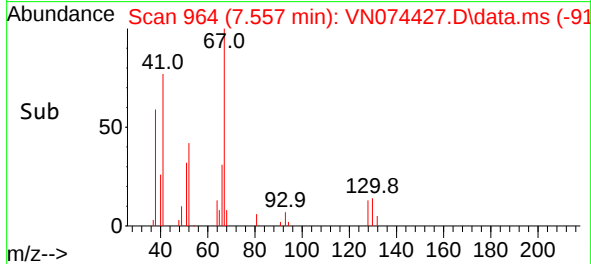
Instrument :
MSVOA_N
Client Sample Id :
VN0913WBS01



Tgt Ion: 41 Resp: 6107
Ion Ratio Lower Upper
41 100
39 46.6 39.2 58.8
67 65.2 53.6 80.4
52 33.8 25.0 37.4

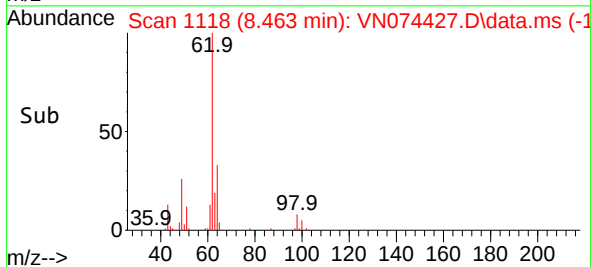
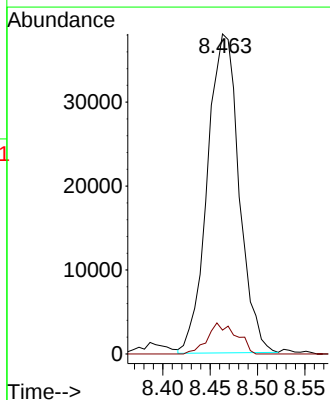
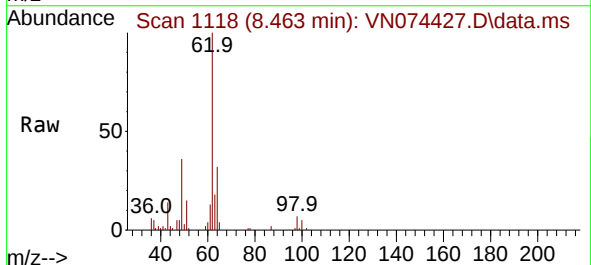
Manual Integrations
APPROVED

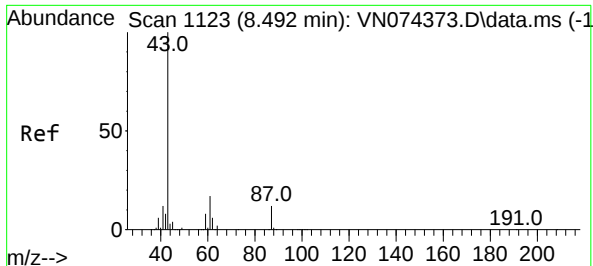
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#42
1,2-Dichloroethane
Concen: 21.327 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

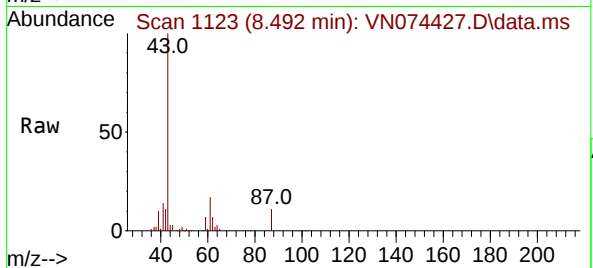
Tgt Ion: 62 Resp: 88466
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 21.298 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

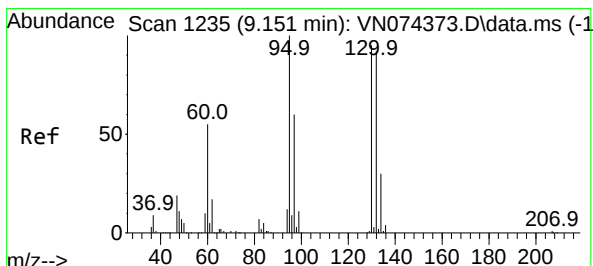
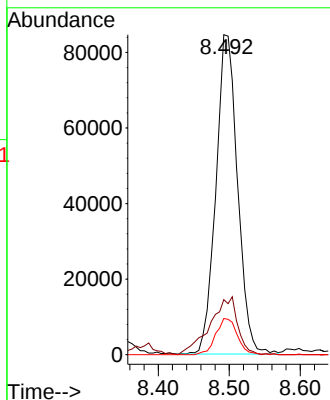
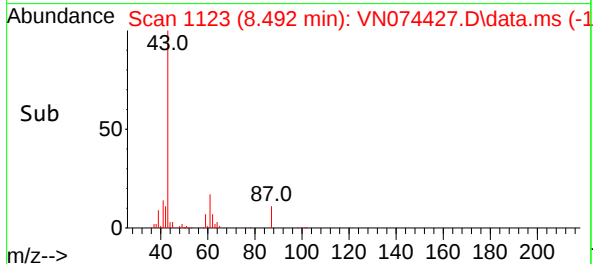
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



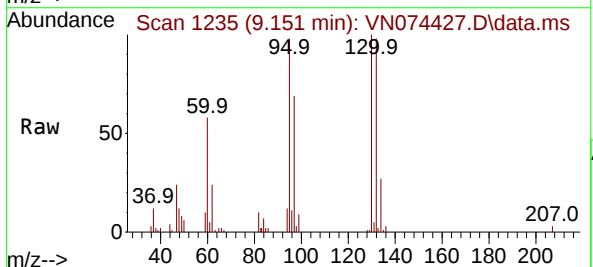
Tgt Ion: 43 Resp: 179060
Ion Ratio Lower Upper
43 100
61 23.0 18.6 27.8
87 11.3 9.4 14.2

Manual Integrations
APPROVED

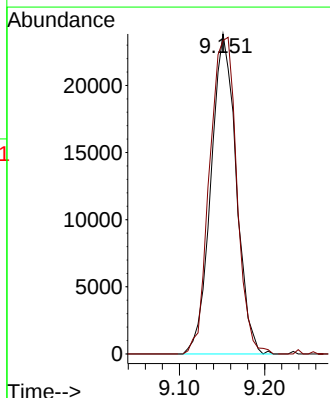
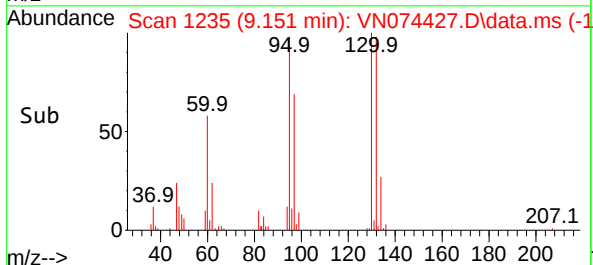
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

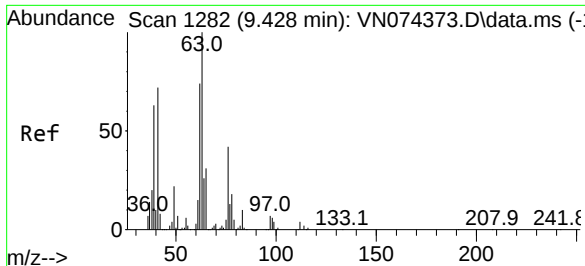


#44
Trichloroethene
Concen: 20.181 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



Tgt Ion:130 Resp: 49092
Ion Ratio Lower Upper
130 100
95 98.0 0.0 210.0





#45

1,2-Dichloropropane

Concen: 20.963 ug/l

RT: 9.433 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VN074427.D

Acq: 13 Sep 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

Tgt Ion: 63 Resp: 6038

Ion Ratio Lower Upper

63 100

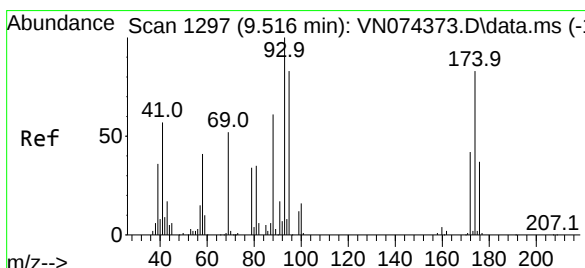
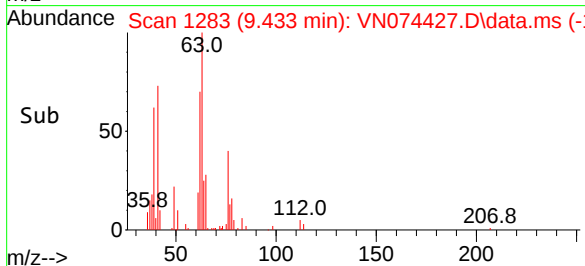
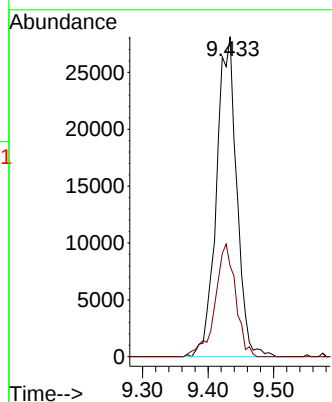
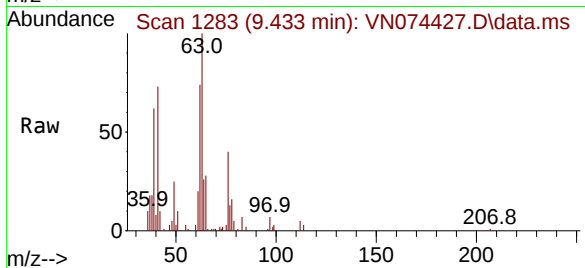
65 28.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#46

Dibromomethane

Concen: 20.634 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN074427.D

Acq: 13 Sep 2022 12:33

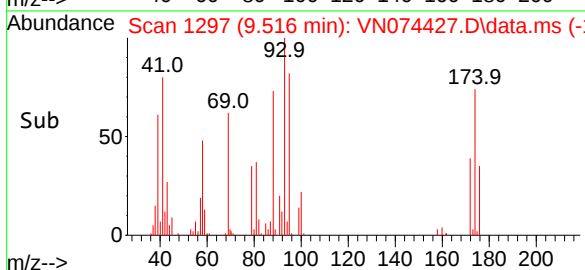
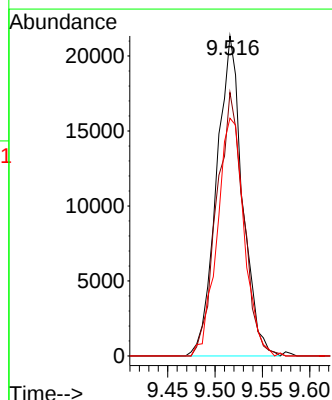
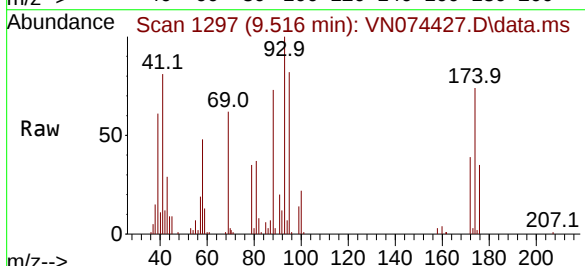
Tgt Ion: 93 Resp: 40695

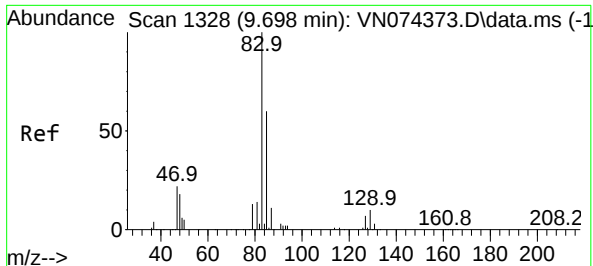
Ion Ratio Lower Upper

93 100

95 84.7 67.5 101.3

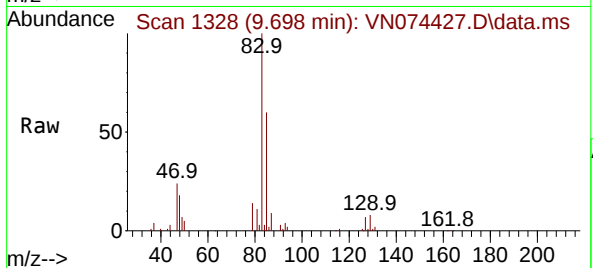
174 77.7 67.2 100.8





#47
Bromodichloromethane
Concen: 21.771 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

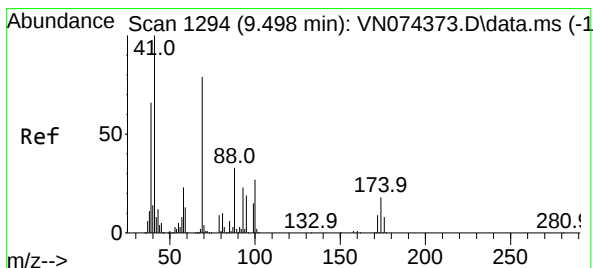
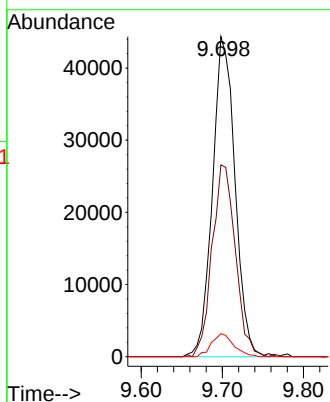
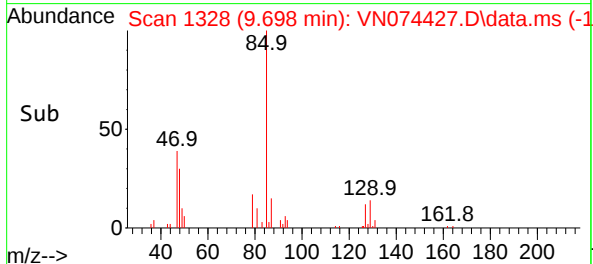
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



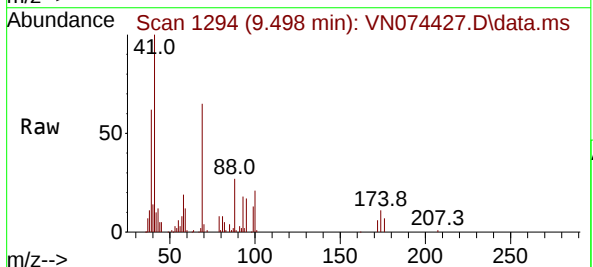
Tgt Ion: 83 Resp: 85584
Ion Ratio Lower Upper
83 100
85 59.9 47.7 71.5
127 7.2 5.4 8.2

Manual Integrations
APPROVED

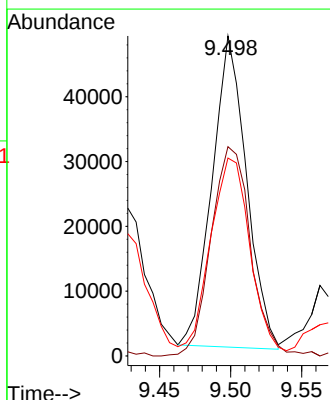
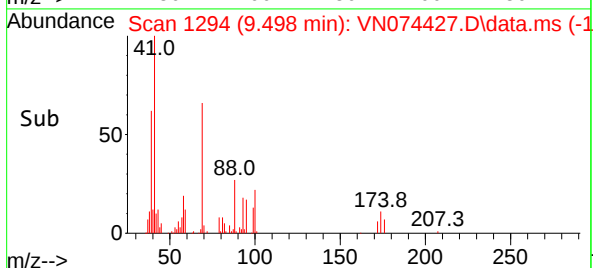
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

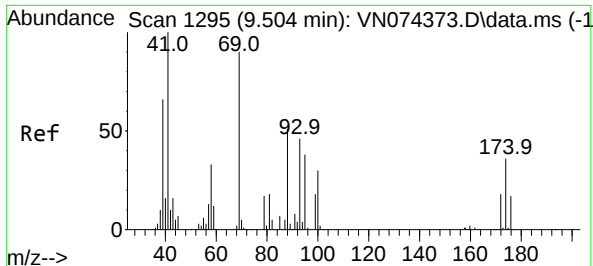


#48
Methyl methacrylate
Concen: 21.816 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



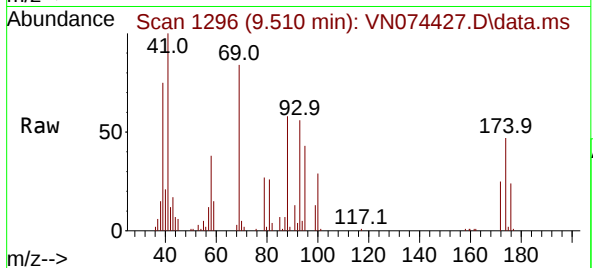
Tgt Ion: 41 Resp: 80832
Ion Ratio Lower Upper
41 100
69 77.8 67.6 101.4
39 69.8 58.2 87.4





#49
1,4-Dioxane
Concen: 467.284 ug/l
RT: 9.510 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

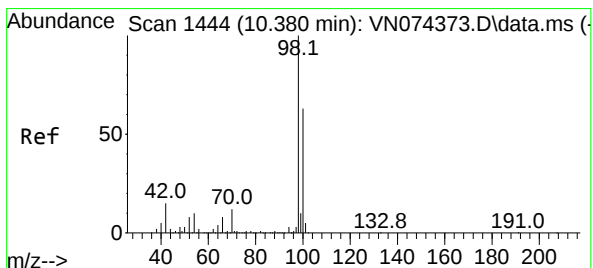
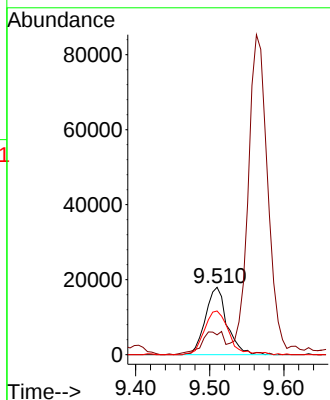
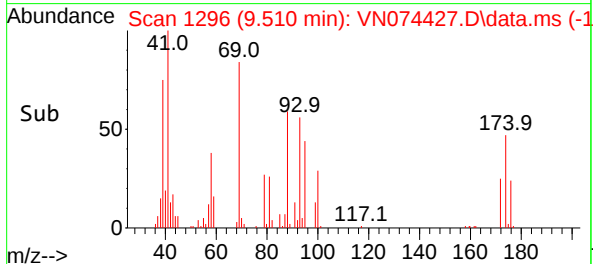
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



Tgt Ion: 88 Resp: 36480
Ion Ratio Lower Upper
88 100
43 35.3 26.9 40.3
58 73.2 52.7 79.1

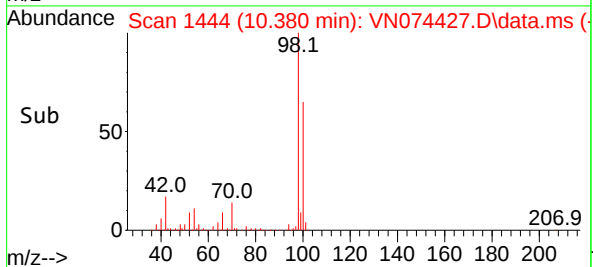
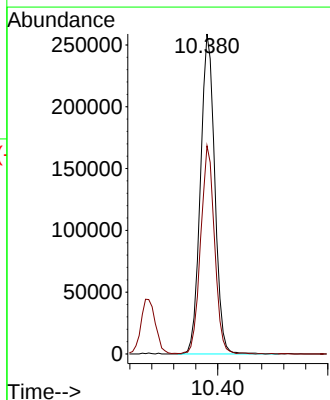
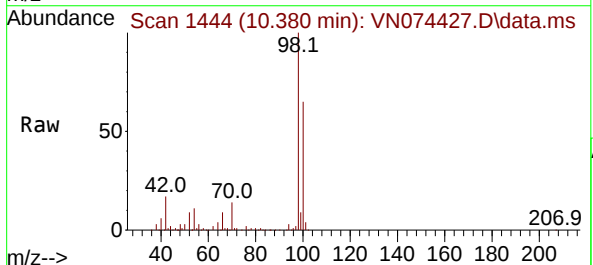
Manual Integrations
APPROVED

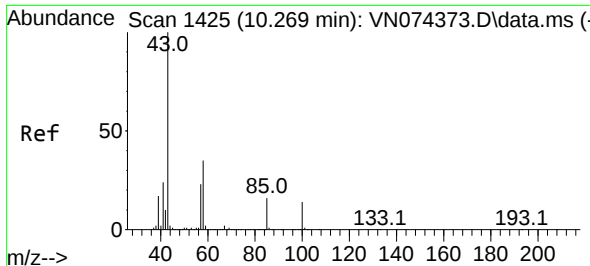
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#50
Toluene-d8
Concen: 55.646 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

Tgt Ion: 98 Resp: 466418
Ion Ratio Lower Upper
98 100
100 62.9 50.6 76.0





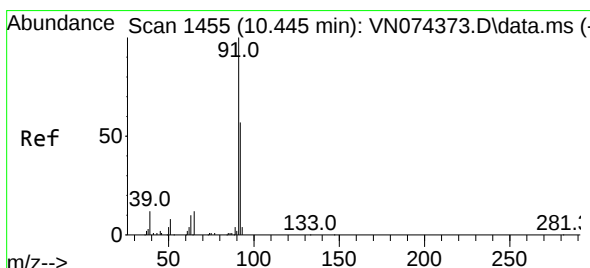
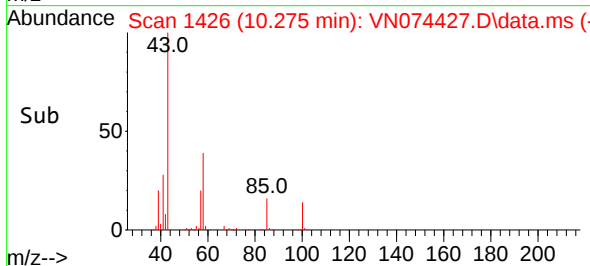
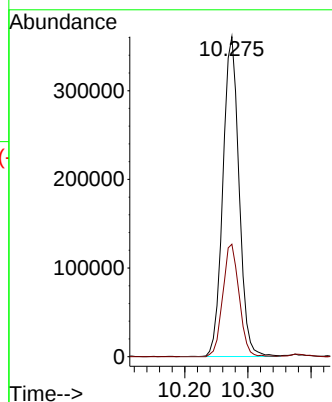
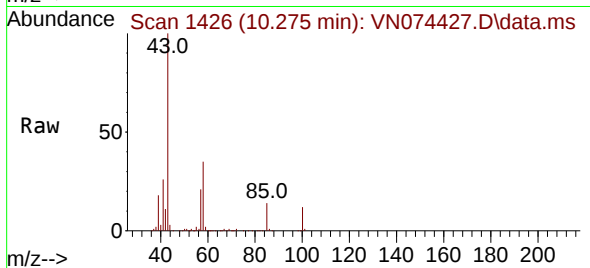
#51
4-Methyl-2-Pentanone
Concen: 116.429 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

Tgt Ion: 43 Resp: 640138
Ion Ratio Lower Upper
43 100
58 35.6 29.0 43.6

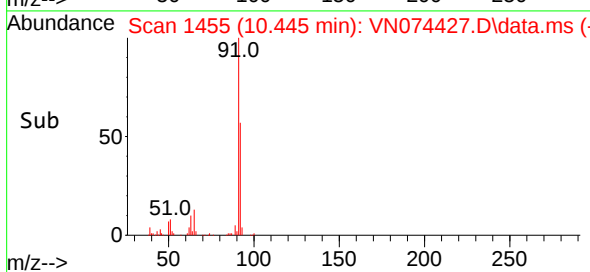
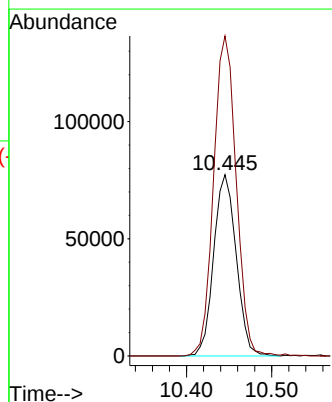
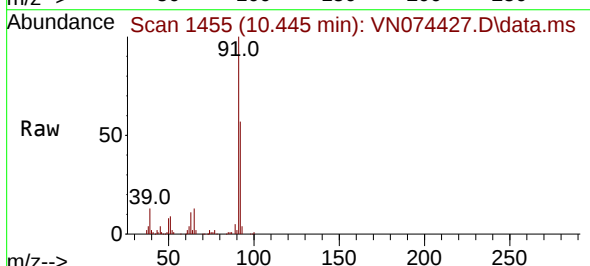
Manual Integrations
APPROVED

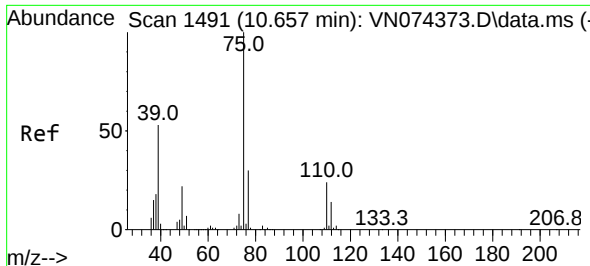
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#52
Toluene
Concen: 21.148 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

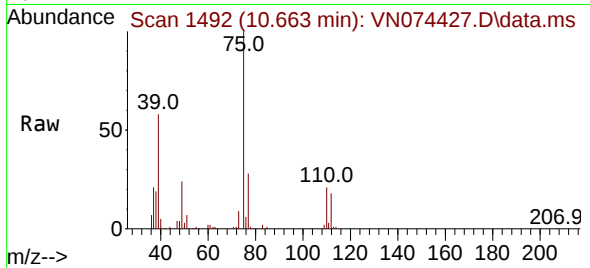
Tgt Ion: 92 Resp: 141911
Ion Ratio Lower Upper
92 100
91 177.2 139.8 209.6





#53
t-1,3-Dichloropropene
Concen: 19.788 ug/l
RT: 10.663 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

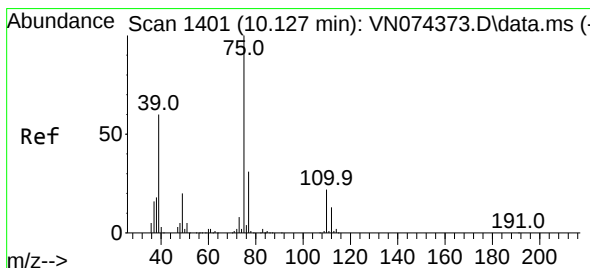
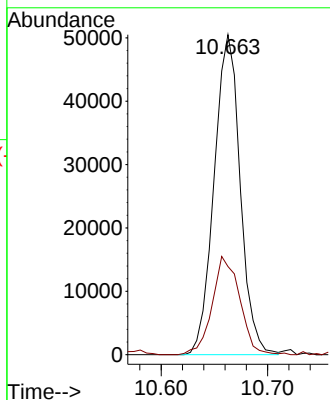
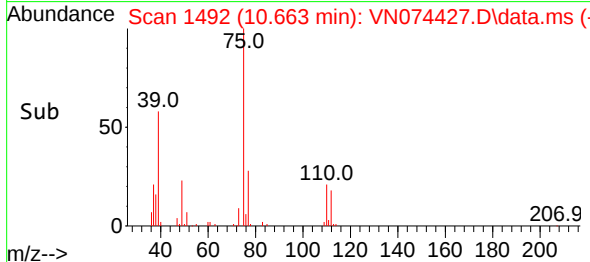
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



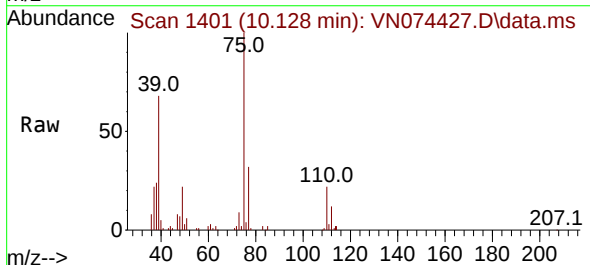
Tgt Ion: 75 Resp: 85812
Ion Ratio Lower Upper
75 100
77 27.6 23.9 35.9

Manual Integrations
APPROVED

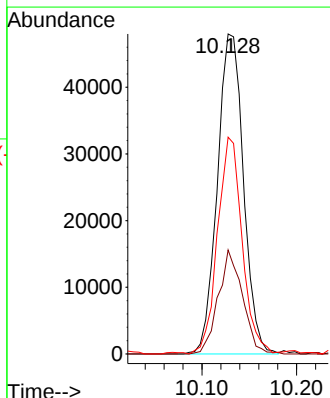
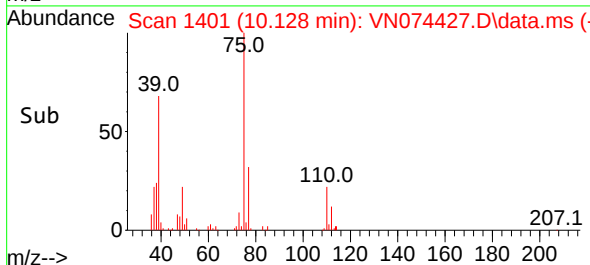
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

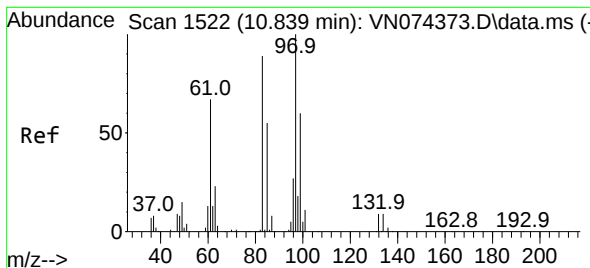


#54
cis-1,3-Dichloropropene
Concen: 19.909 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



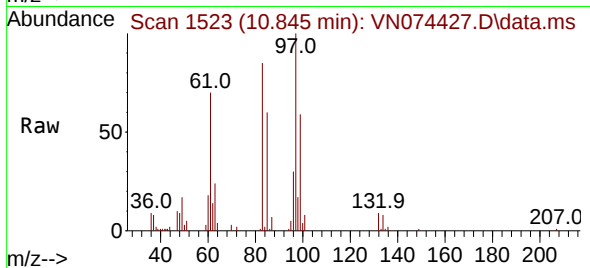
Tgt Ion: 75 Resp: 92043
Ion Ratio Lower Upper
75 100
77 32.5 24.5 36.7
39 67.3 48.0 72.0





#55
1,1,2-Trichloroethane
Concen: 20.652 ug/l
RT: 10.845 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

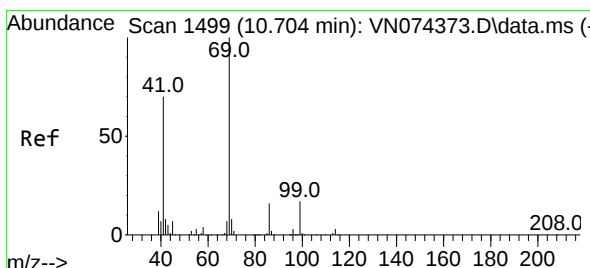
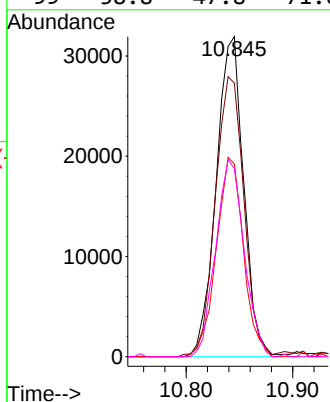
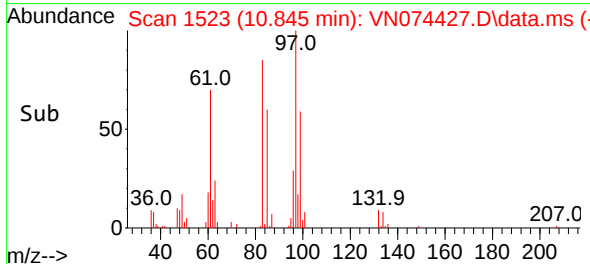
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



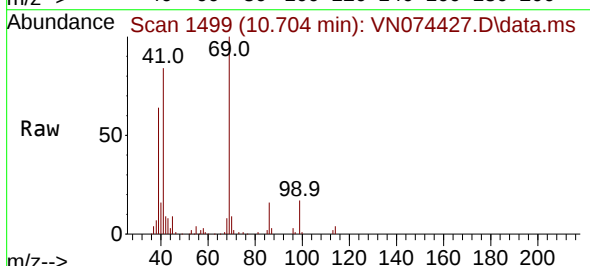
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.8	106.2
85	60.2	44.1	66.1
99	58.8	47.8	71.6

Manual Integrations
APPROVED

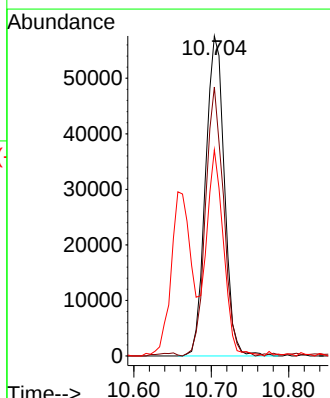
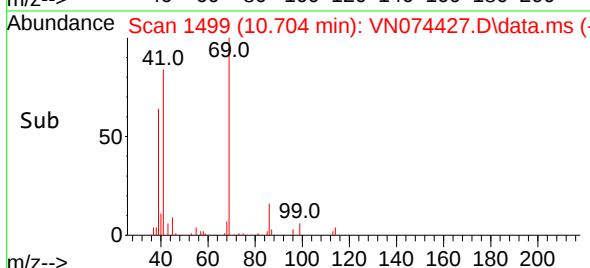
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

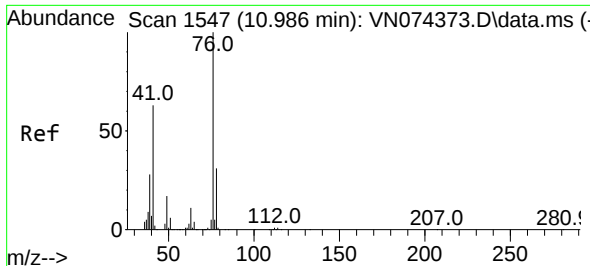


#56
Ethyl methacrylate
Concen: 20.753 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



Tgt Ion	Ratio	Lower	Upper
69	100		
41	80.7	56.6	85.0
39	59.5	37.4	56.2





#57

1,3-Dichloropropane

Concen: 22.509 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074427.D

Acq: 13 Sep 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

Tgt Ion: 76 Resp: 108825

Ion Ratio Lower Upper

76 100

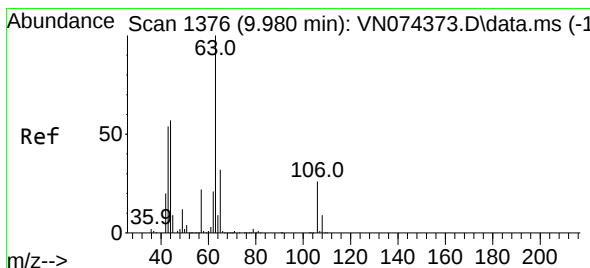
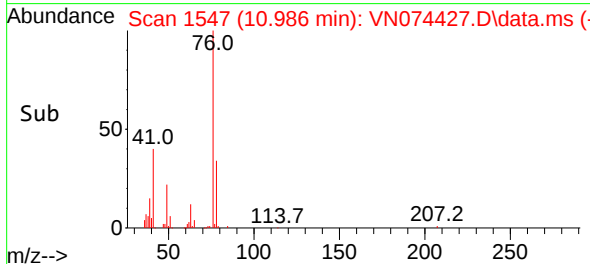
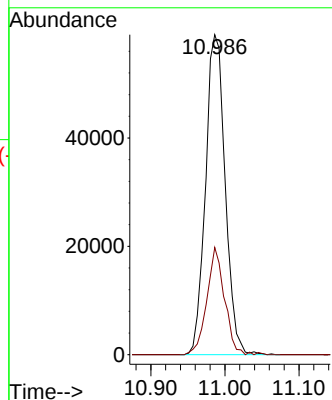
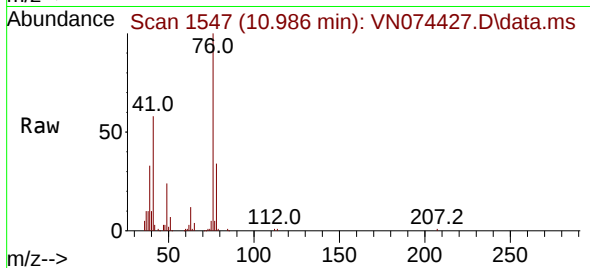
78 30.1 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 102.456 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074427.D

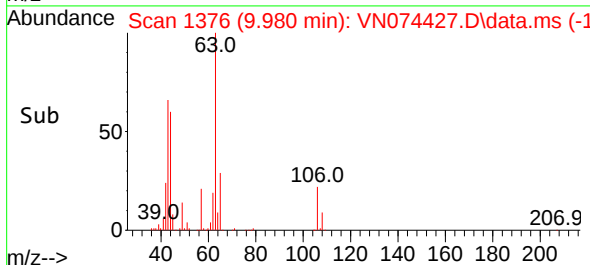
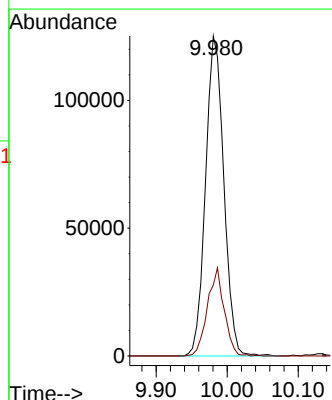
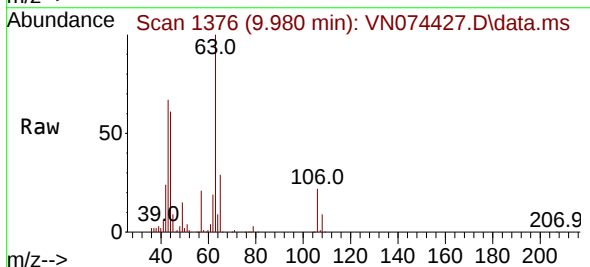
Acq: 13 Sep 2022 12:33

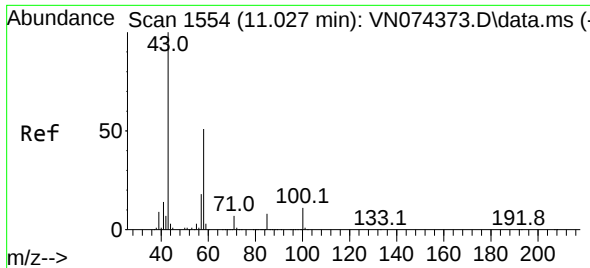
Tgt Ion: 63 Resp: 223996

Ion Ratio Lower Upper

63 100

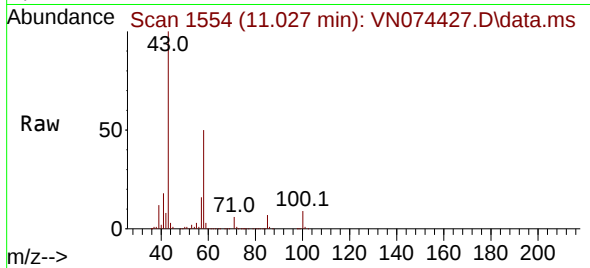
106 25.2 21.1 31.7





#59
2-Hexanone
Concen: 123.246 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

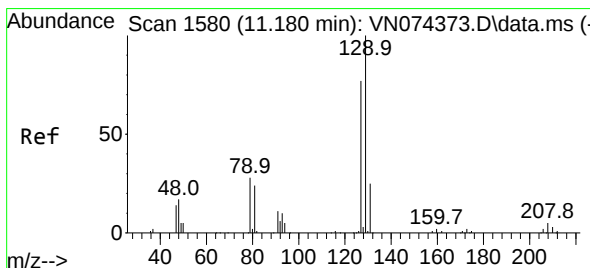
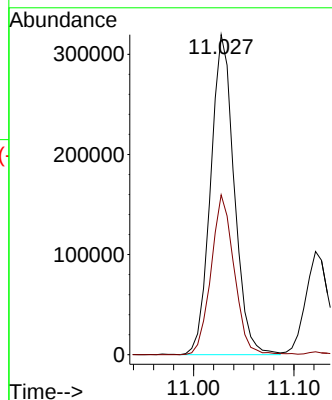
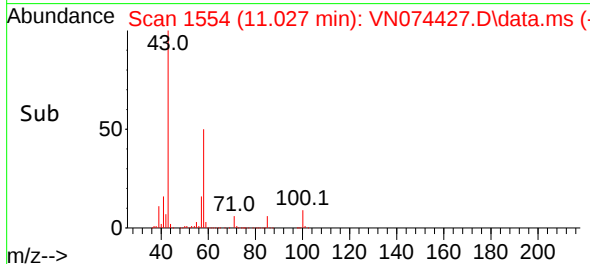
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



Tgt Ion: 43 Resp: 522910
Ion Ratio Lower Upper
43 100
58 48.9 25.8 77.3

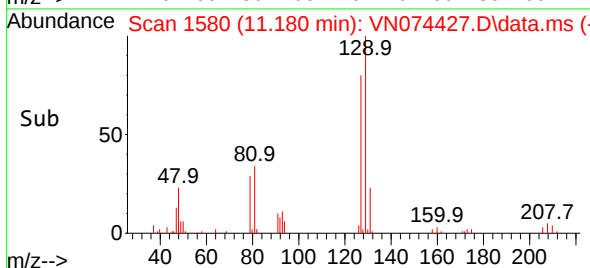
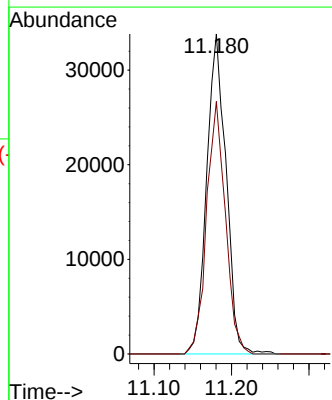
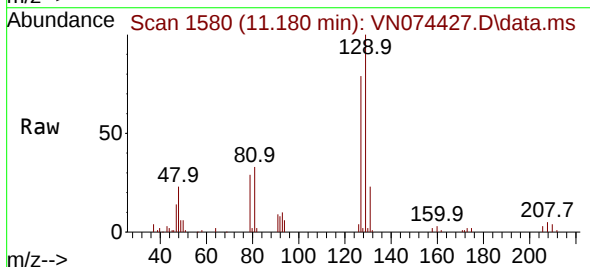
Manual Integrations
APPROVED

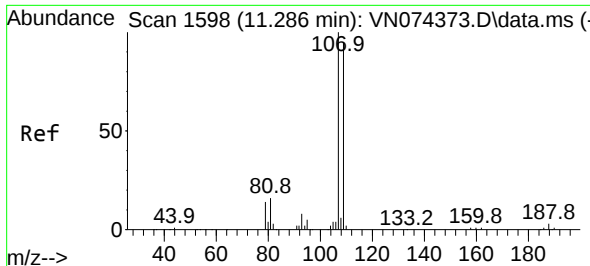
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#60
Dibromochloromethane
Concen: 20.968 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

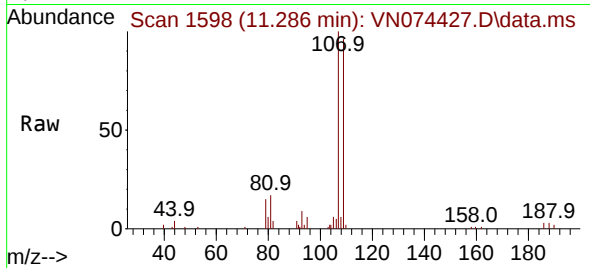
Tgt Ion:129 Resp: 58719
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.3





#61
1,2-Dibromoethane
Concen: 21.033 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

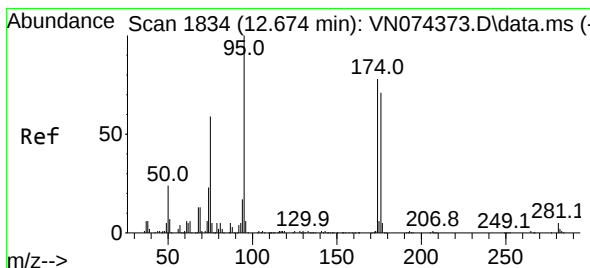
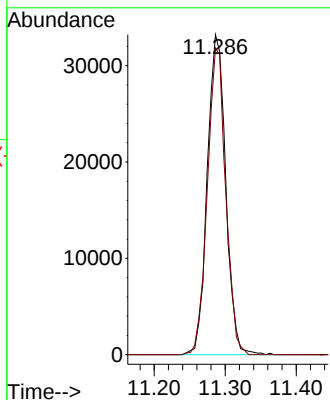
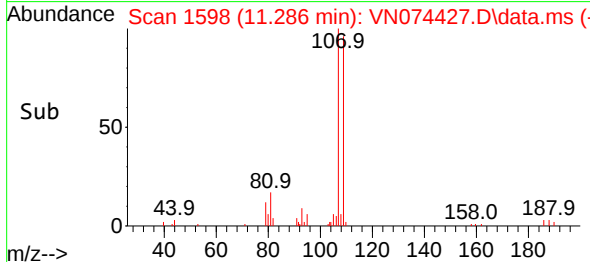
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



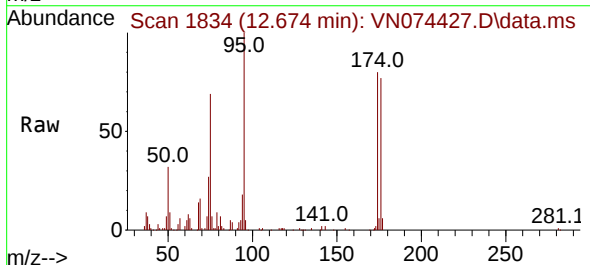
Tgt Ion:107 Resp: 5985
Ion Ratio Lower Upper
107 100
109 95.3 75.0 112.4

Manual Integrations
APPROVED

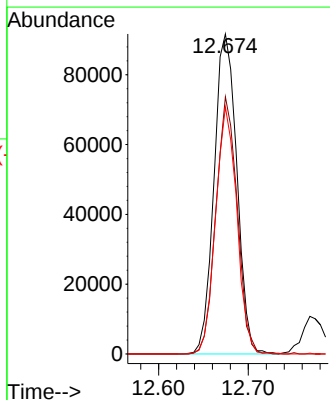
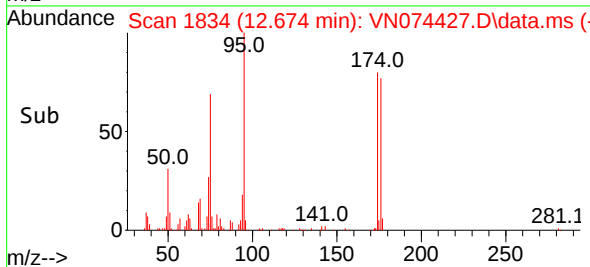
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

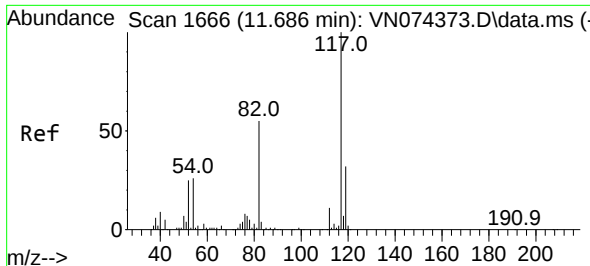


#62
4-Bromofluorobenzene
Concen: 53.057 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



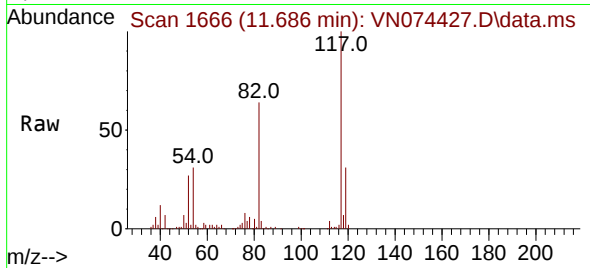
Tgt Ion: 95 Resp: 161462
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.6
176 72.0 0.0 143.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

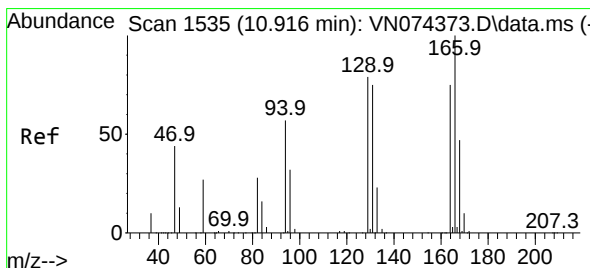
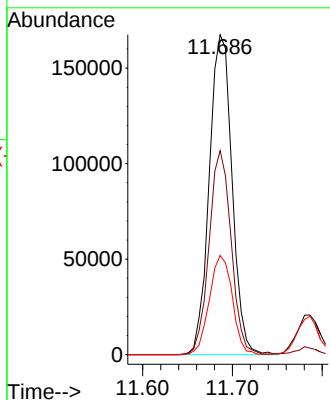
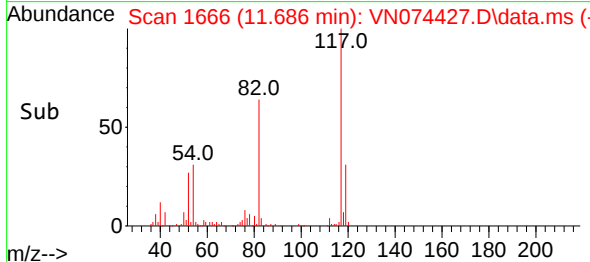
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



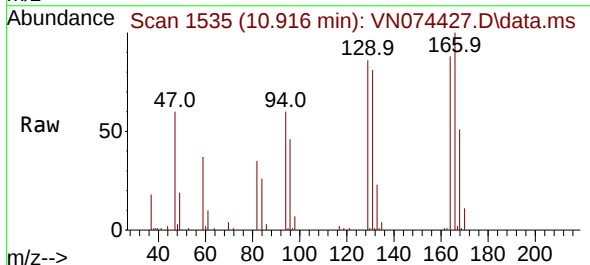
Tgt Ion:117 Resp: 29540
Ion Ratio Lower Upper
117 100
82 63.7 44.3 66.5
119 31.0 25.5 38.3

Manual Integrations
APPROVED

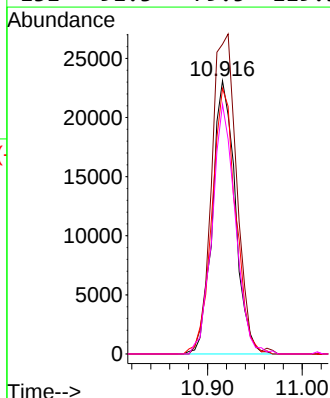
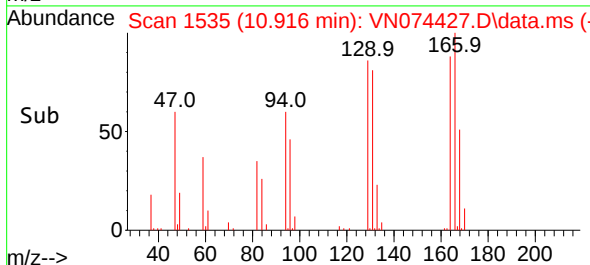
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

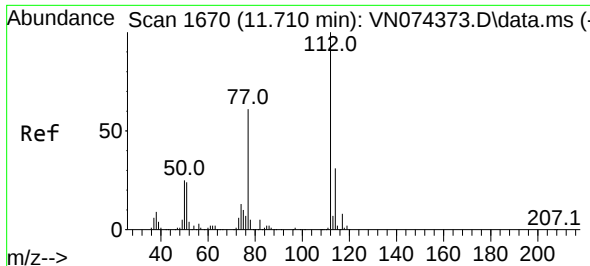


#64
Tetrachloroethene
Concen: 19.233 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



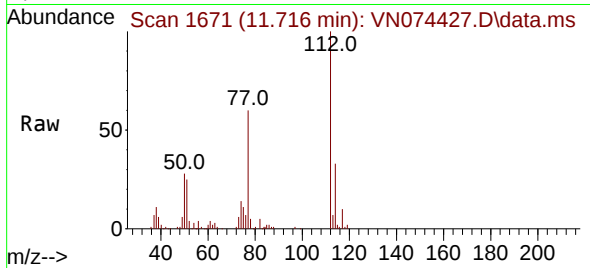
Tgt Ion:164 Resp: 38516
Ion Ratio Lower Upper
164 100
166 113.4 106.6 160.0
129 97.2 84.0 126.0
131 91.3 79.5 119.3





#65
Chlorobenzene
Concen: 20.184 ug/l
RT: 11.716 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

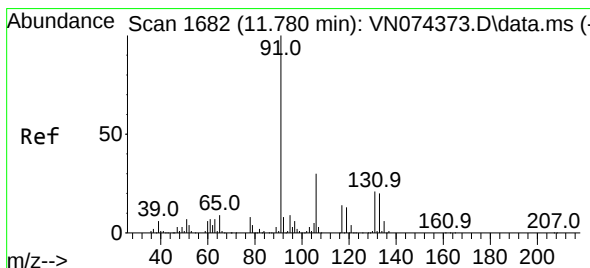
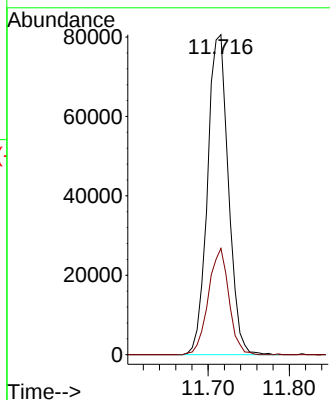
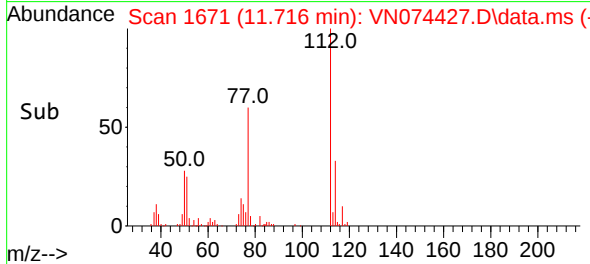
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



Tgt Ion:112 Resp: 143768
Ion Ratio Lower Upper
112 100
114 33.2 25.1 37.7

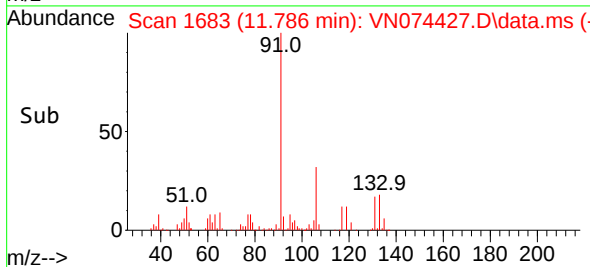
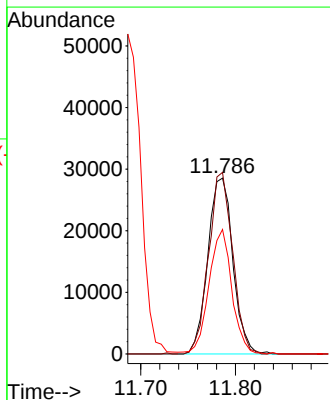
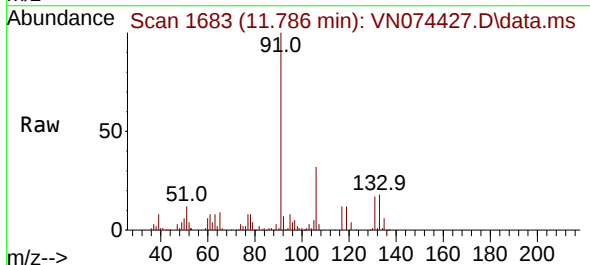
Manual Integrations
APPROVED

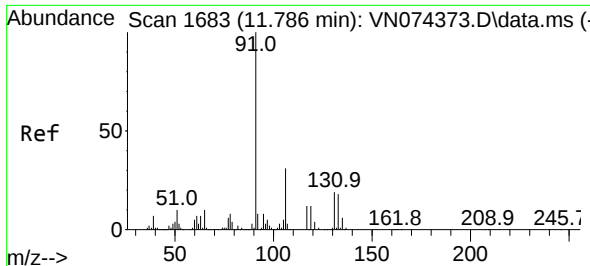
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.877 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

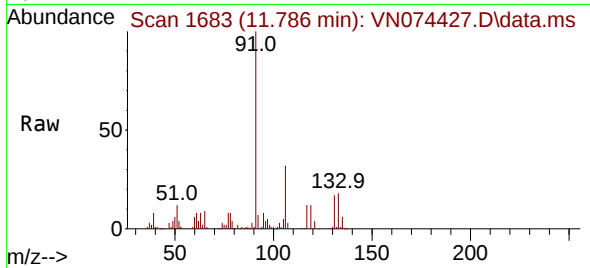
Tgt Ion:131 Resp: 52524
Ion Ratio Lower Upper
131 100
133 98.8 47.3 141.8
119 64.7 33.0 98.9





#67
Ethyl Benzene
Concen: 20.160 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

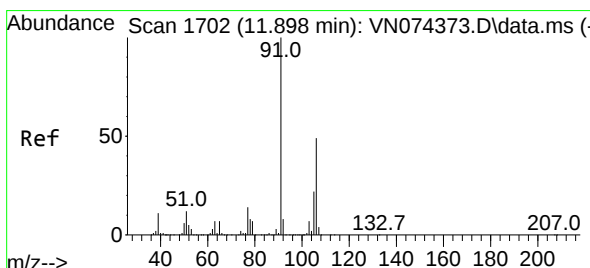
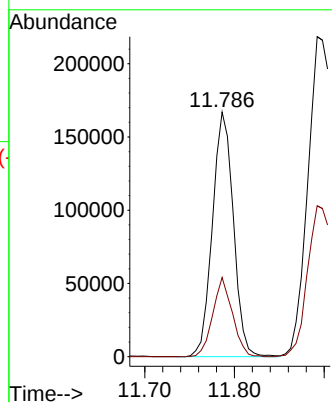
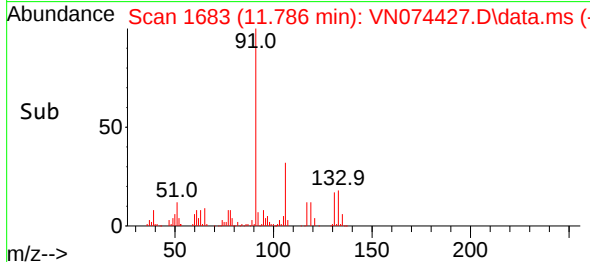
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



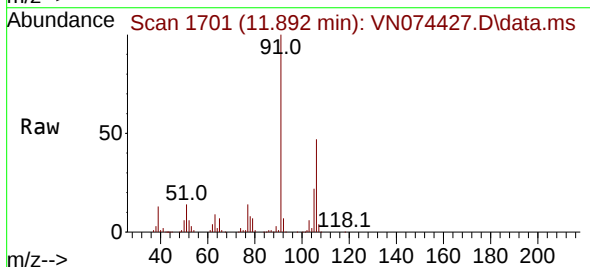
Tgt Ion: 91 Resp: 271228
Ion Ratio Lower Upper
91 100
106 32.4 24.5 36.7

Manual Integrations
APPROVED

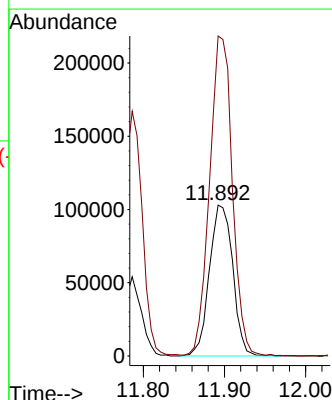
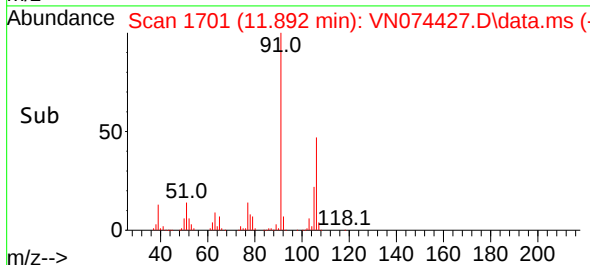
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

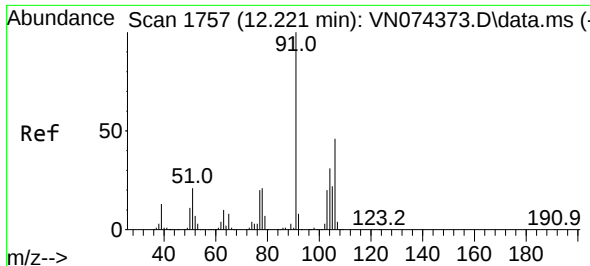


#68
m/p-Xylenes
Concen: 40.645 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



Tgt Ion:106 Resp: 205568
Ion Ratio Lower Upper
106 100
91 207.5 167.7 251.5





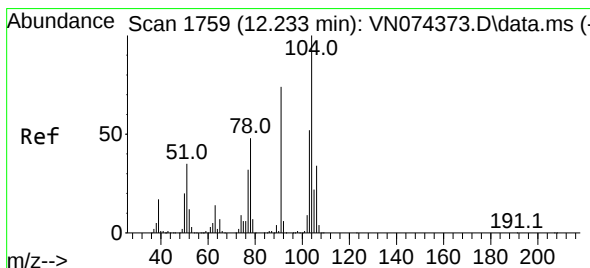
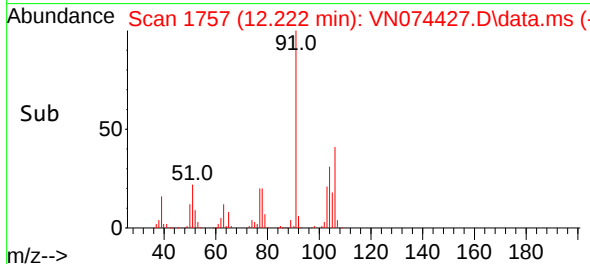
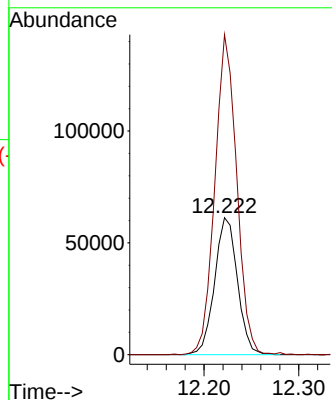
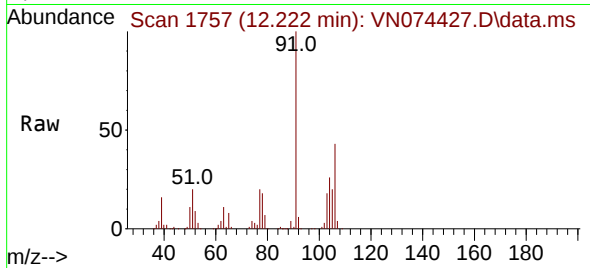
#69
o-Xylene
Concen: 20.183 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

Tgt Ion:106 Resp: 102607
Ion Ratio Lower Upper
106 100
91 223.9 109.4 328.2

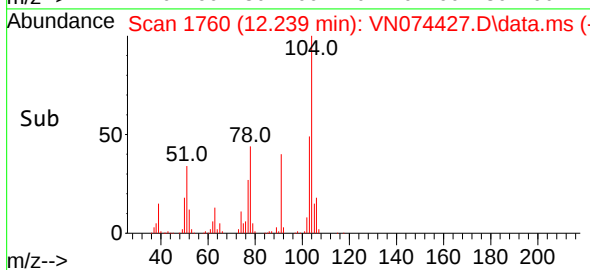
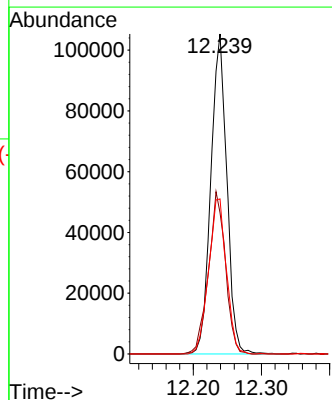
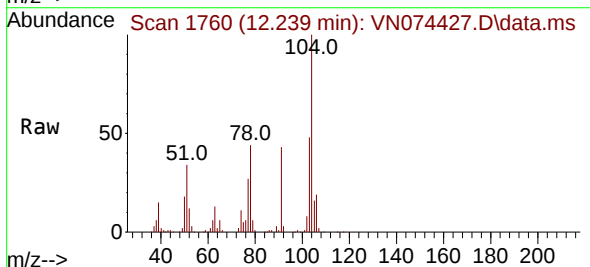
Manual Integrations
APPROVED

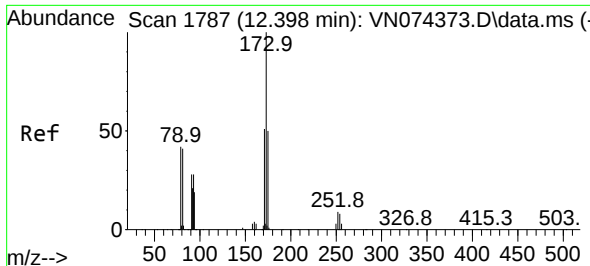
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#70
Styrene
Concen: 21.258 ug/l
RT: 12.239 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

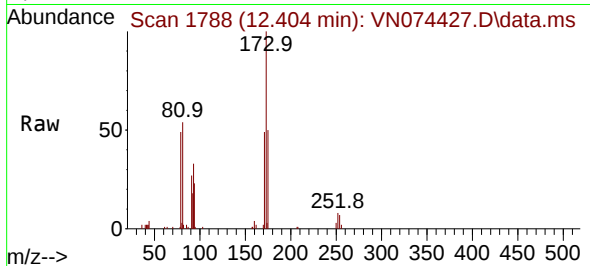
Tgt Ion:104 Resp: 171817
Ion Ratio Lower Upper
104 100
78 53.8 41.8 62.6
103 53.8 43.4 65.2





#71
Bromoform
Concen: 19.870 ug/l
RT: 12.404 min Scan# 1788
Delta R.T. 0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

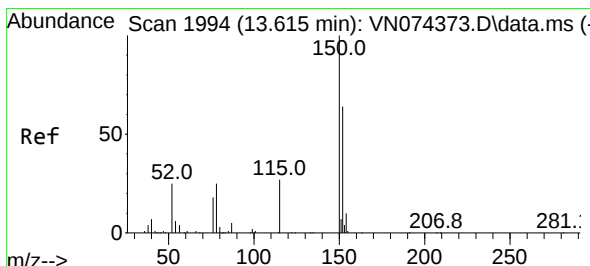
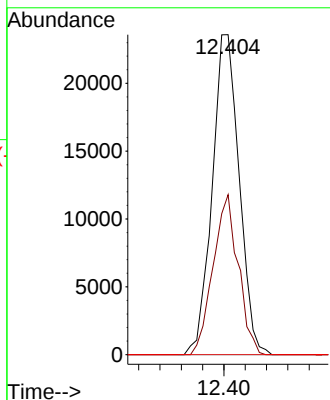
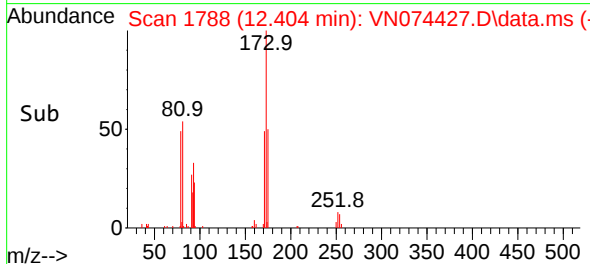
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



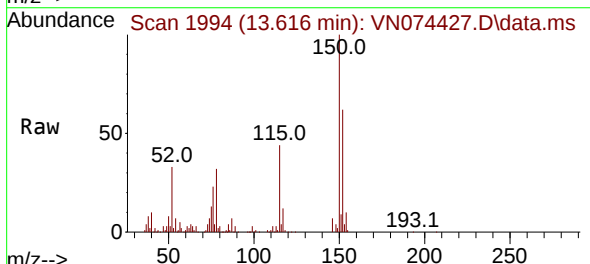
Tgt Ion:173 Resp: 4141
Ion Ratio Lower Upper
173 100
175 46.6 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

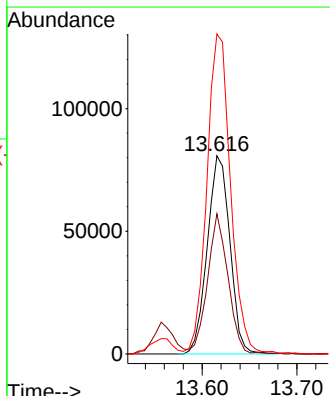
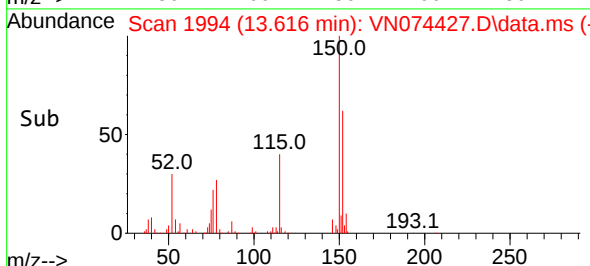
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

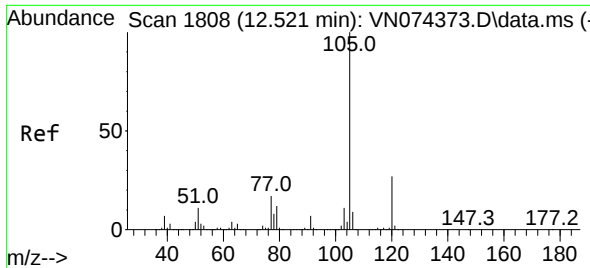


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



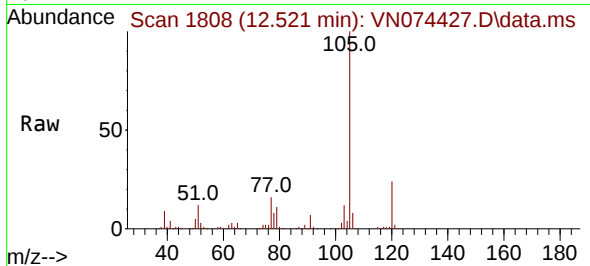
Tgt Ion:152 Resp: 134329
Ion Ratio Lower Upper
152 100
115 63.8 32.0 96.0
150 169.1 0.0 359.6





#73
Isopropylbenzene
Concen: 20.443 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

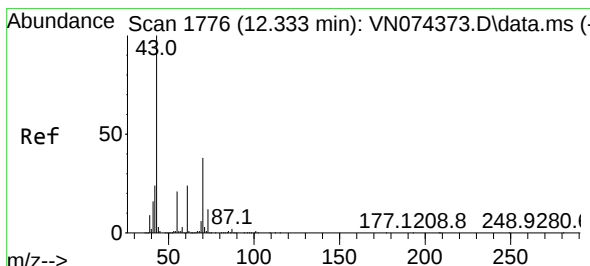
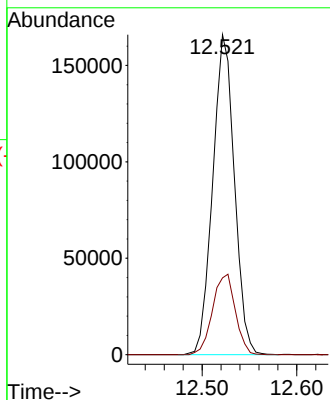
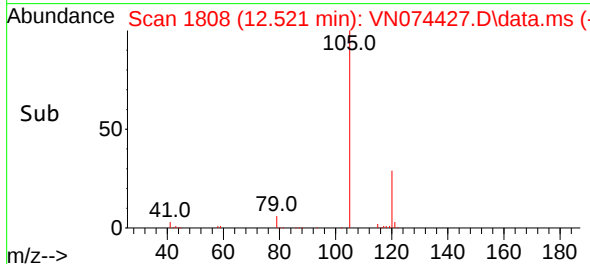
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



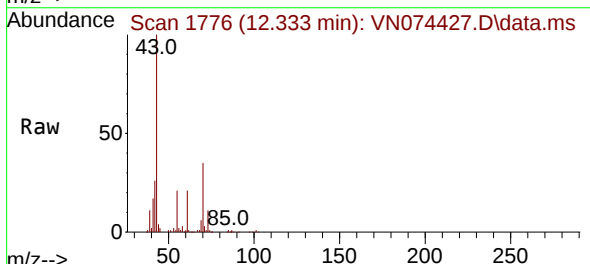
Tgt Ion:105 Resp: 263839
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1

Manual Integrations
APPROVED

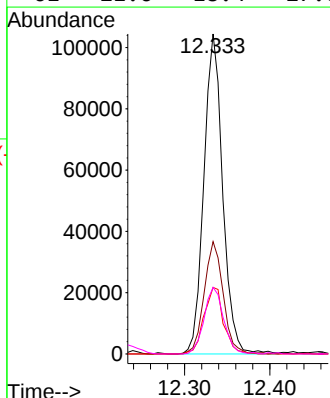
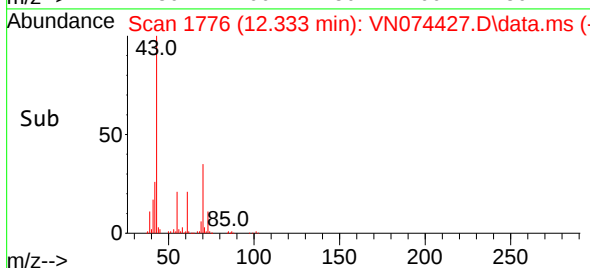
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

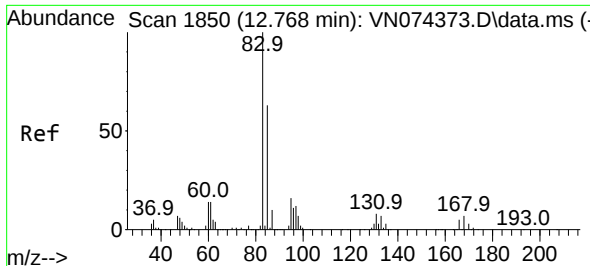


#74
N-ethyl acetate
Concen: 23.634 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



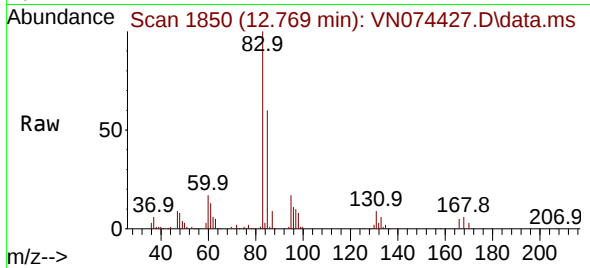
Tgt Ion: 43 Resp: 160375
Ion Ratio Lower Upper
43 100
70 35.6 31.4 47.0
55 21.7 17.0 25.6
61 21.6 18.4 27.6





#75
1,1,2,2-Tetrachloroethane
Concen: 21.875 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

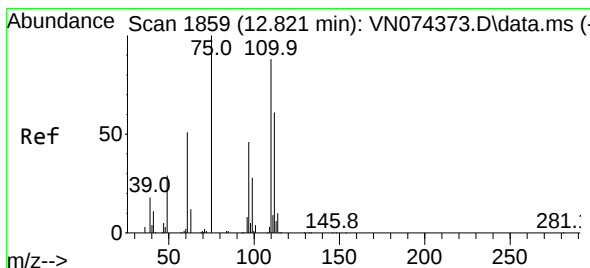
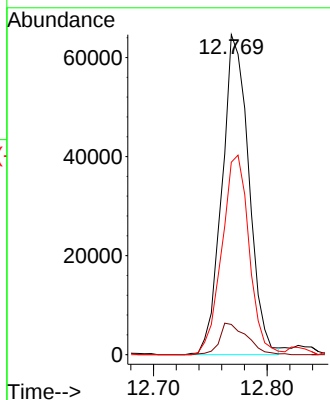
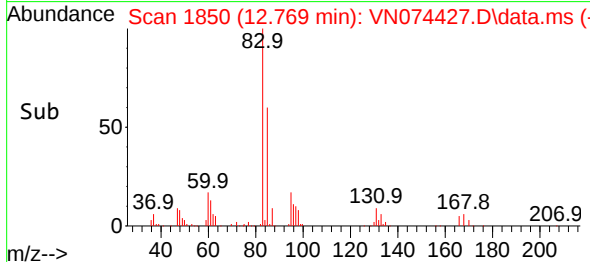
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



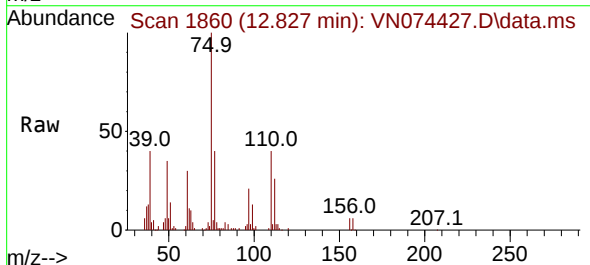
Tgt Ion: 83 Resp: 10609
Ion Ratio Lower Upper
83 100
131 10.1 4.5 13.7
85 63.3 32.3 96.8

Manual Integrations
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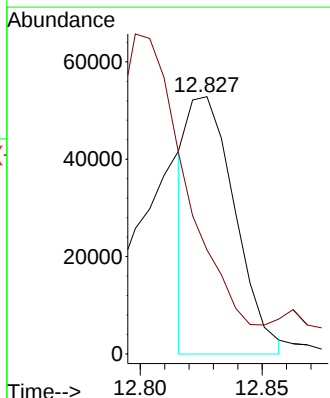
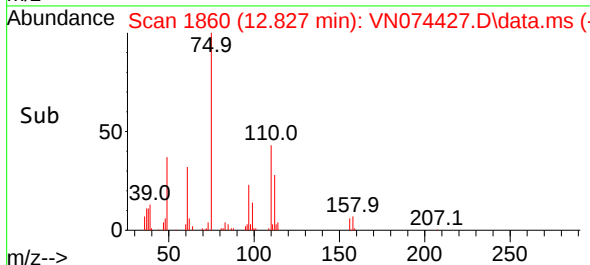
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

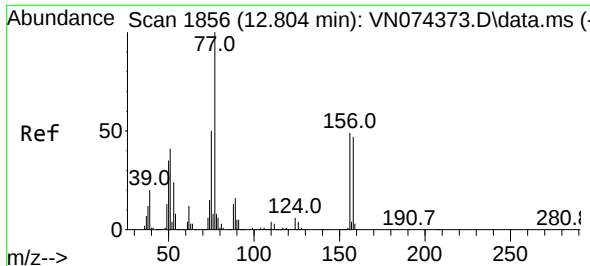


#76
1,2,3-Trichloropropane
Concen: 20.230 ug/l m
RT: 12.827 min Scan# 1860
Delta R.T. 0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



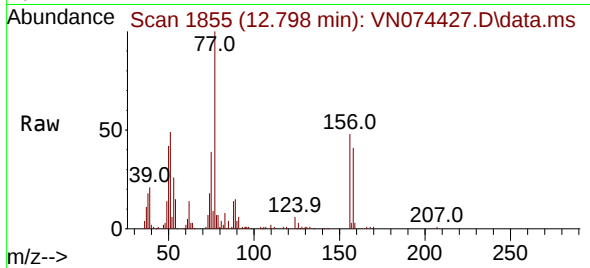
Tgt Ion: 75 Resp: 71038
Ion Ratio Lower Upper
75 100
77 0.0 78.9 236.7#





#77
Bromobenzene
Concen: 20.366 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

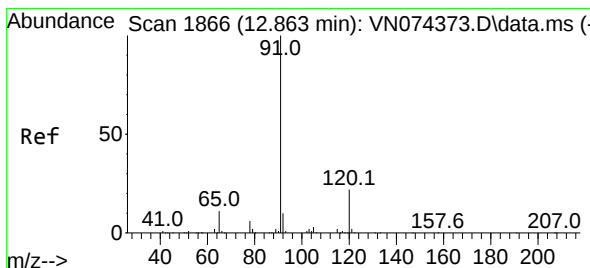
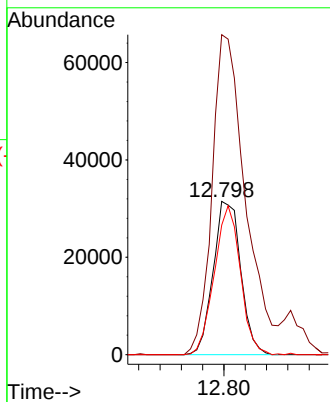
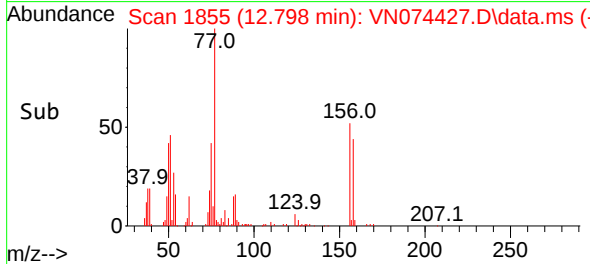
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



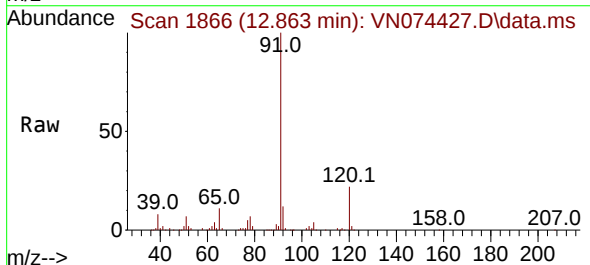
Tgt Ion:156 Resp: 56429
Ion Ratio Lower Upper
156 100
77 253.2 124.4 373.1
158 92.1 49.2 147.6

Manual Integrations
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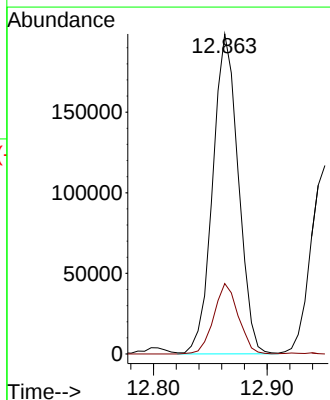
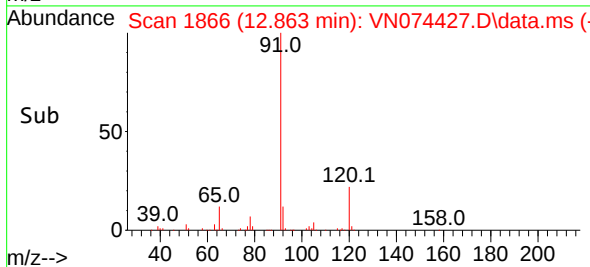
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

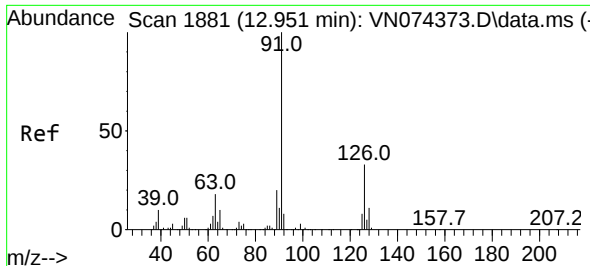


#78
n-propylbenzene
Concen: 21.045 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



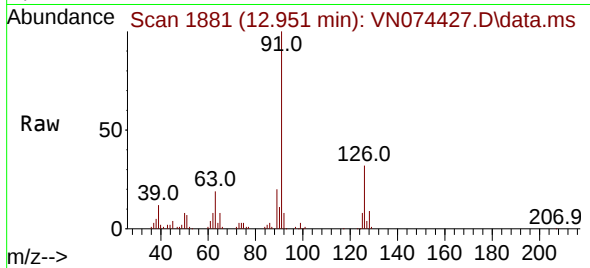
Tgt Ion: 91 Resp: 311150
Ion Ratio Lower Upper
91 100
120 21.0 11.1 33.1





#79
2-Chlorotoluene
Concen: 21.421 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

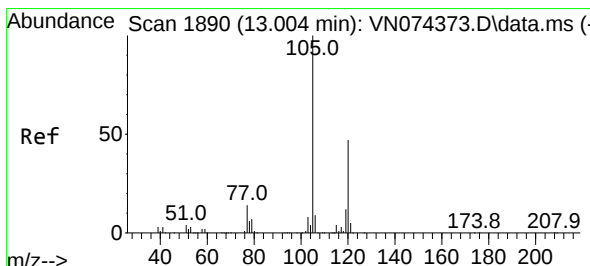
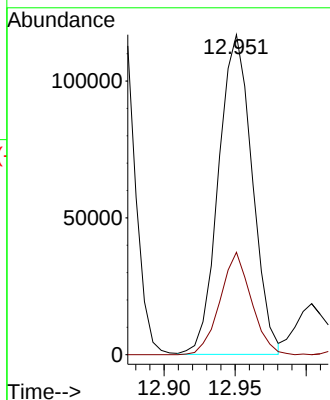
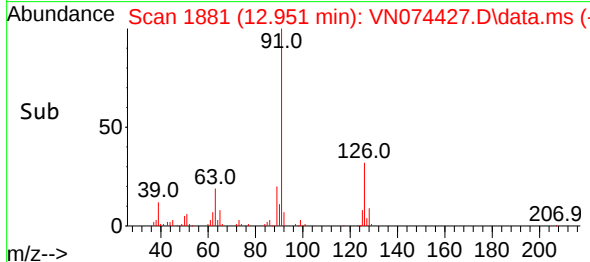
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



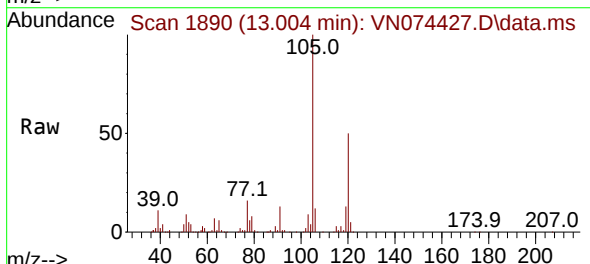
Tgt Ion: 91 Resp: 19309
Ion Ratio Lower Upper
91 100
126 29.7 16.2 48.5

Manual Integrations
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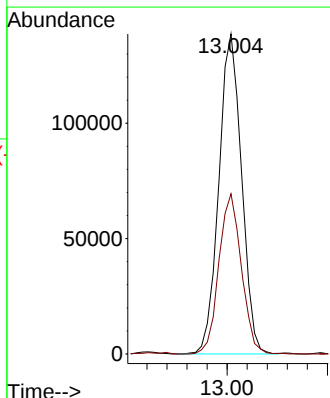
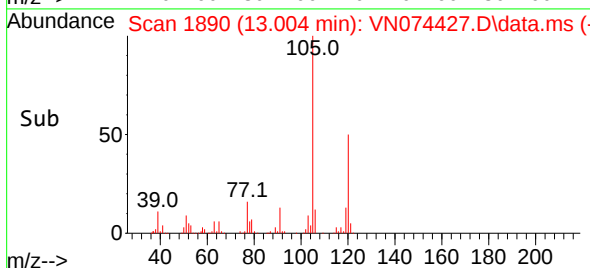
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

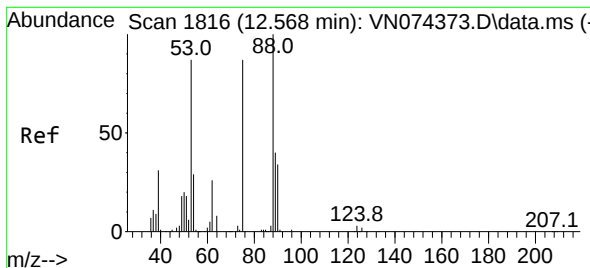


#80
1,3,5-Trimethylbenzene
Concen: 20.315 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



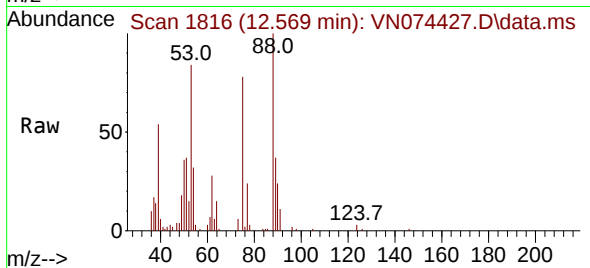
Tgt Ion:105 Resp: 217518
Ion Ratio Lower Upper
105 100
120 49.6 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 18.226 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

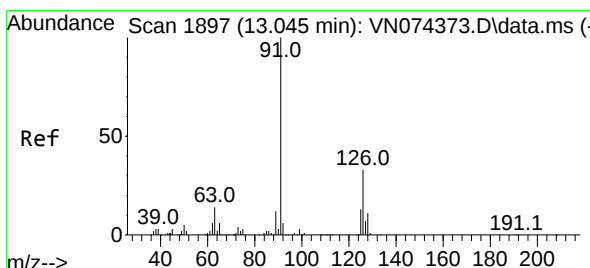
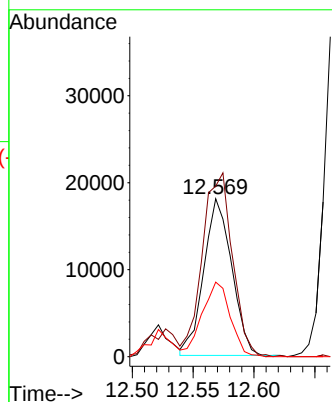
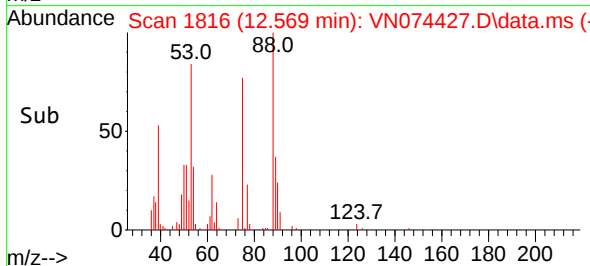
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



Tgt Ion: 75 Resp: 28714
Ion Ratio Lower Upper
75 100
53 126.7 82.2 123.2
89 48.2 37.7 56.5

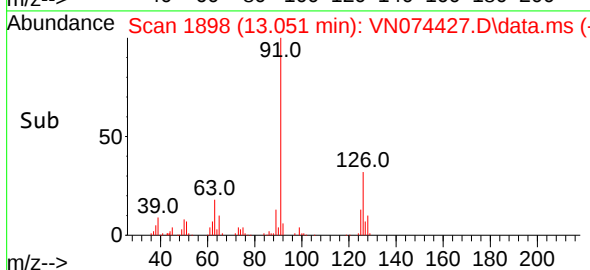
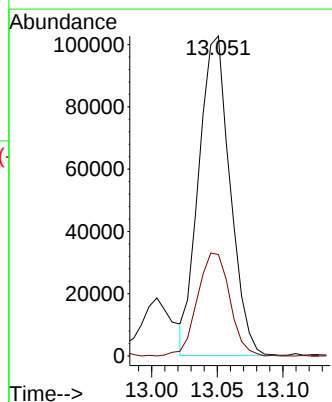
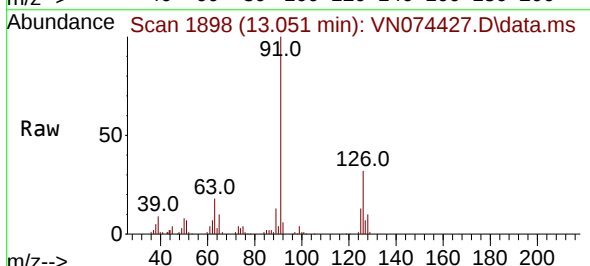
Manual Integrations
APPROVED

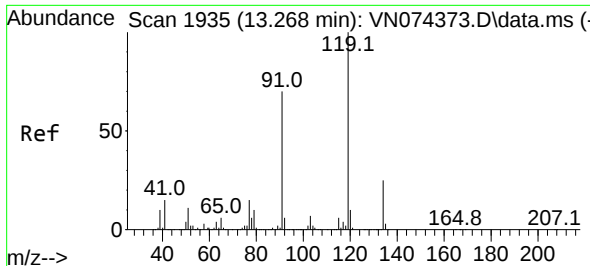
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#82
4-Chlorotoluene
Concen: 19.548 ug/l
RT: 13.051 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

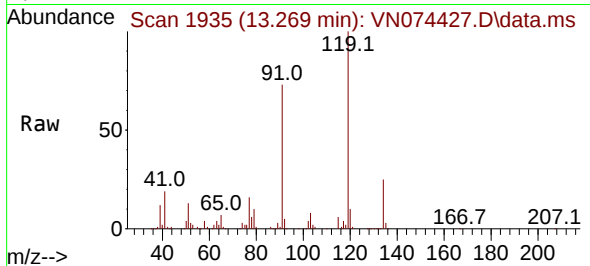
Tgt Ion: 91 Resp: 170021
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.1





#83
tert-Butylbenzene
Concen: 19.930 ug/l
RT: 13.269 min Scan# 1935
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

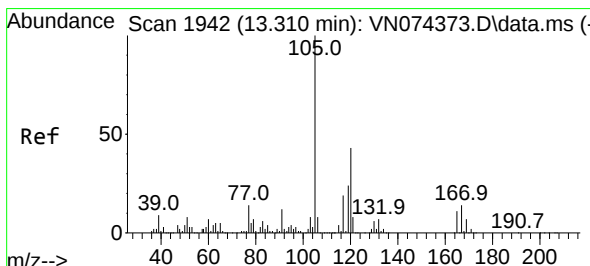
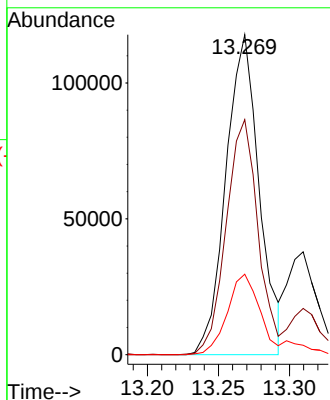
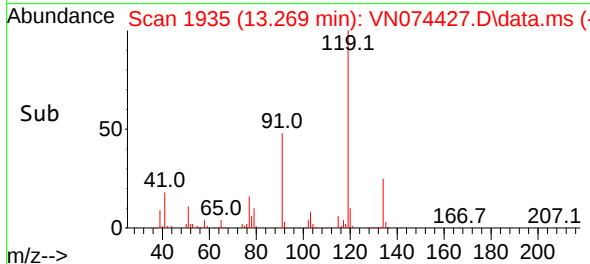
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



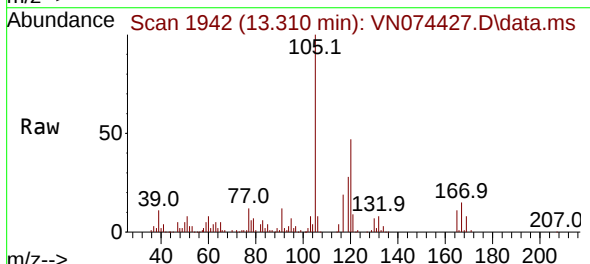
Tgt Ion:119 Resp: 192110
Ion Ratio Lower Upper
119 100
91 70.3 33.8 101.3
134 24.3 13.1 39.3

Manual Integrations
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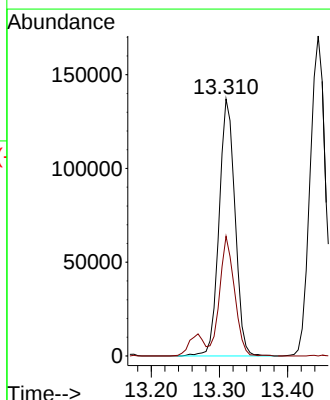
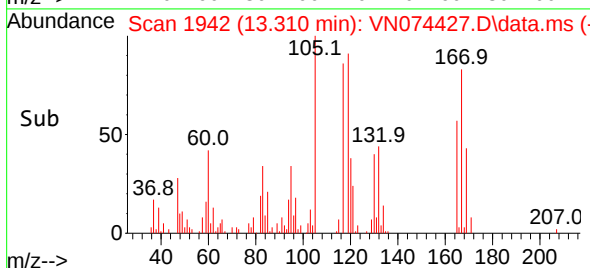
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

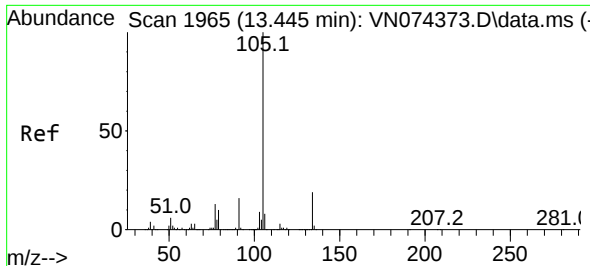


#84
1,2,4-Trimethylbenzene
Concen: 21.003 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



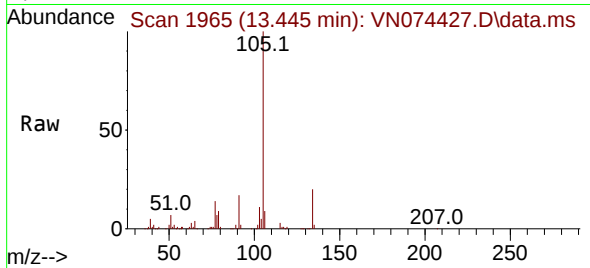
Tgt Ion:105 Resp: 222894
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 20.710 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074427.D
 Acq: 13 Sep 2022 12:33

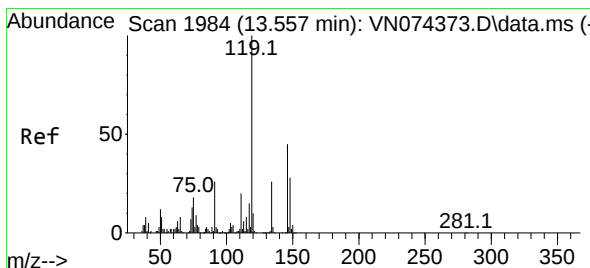
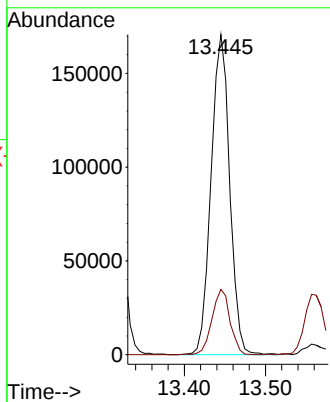
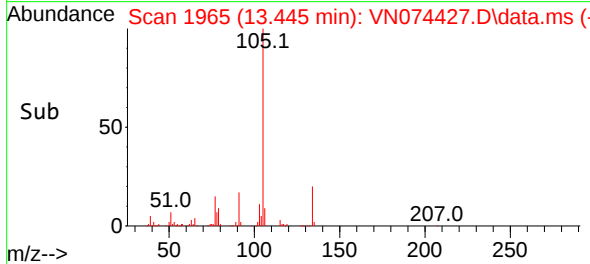
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS01



Tgt Ion:105 Resp: 27168
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9

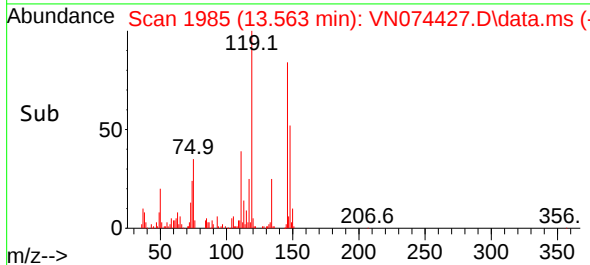
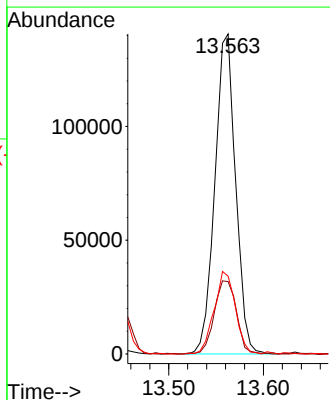
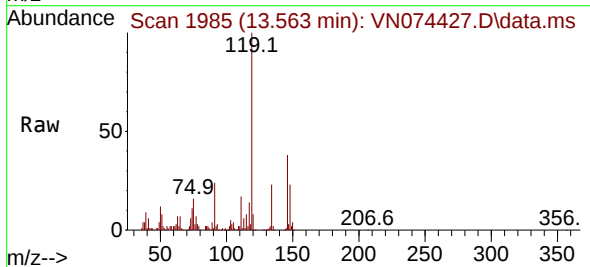
Manual Integrations
 APPROVED

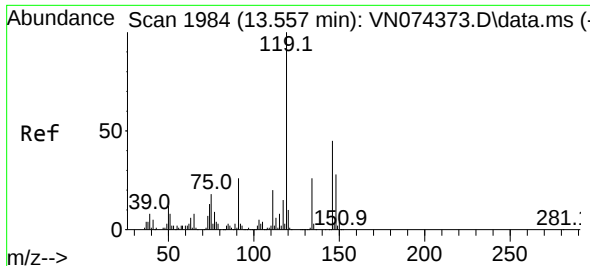
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#86
 p-Isopropyltoluene
 Concen: 20.373 ug/l
 RT: 13.563 min Scan# 1985
 Delta R.T. 0.006 min
 Lab File: VN074427.D
 Acq: 13 Sep 2022 12:33

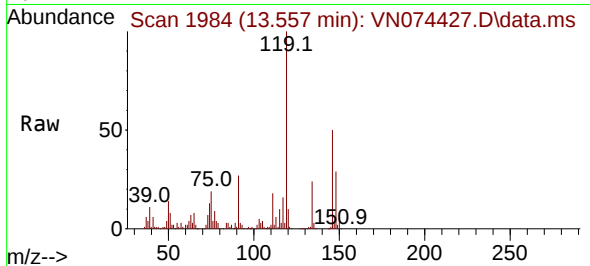
Tgt Ion:119 Resp: 213918
 Ion Ratio Lower Upper
 119 100
 134 24.5 13.0 38.9
 91 26.2 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 20.298 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

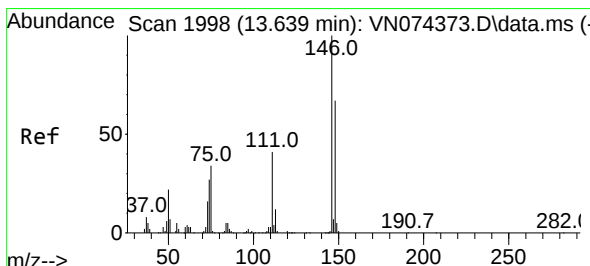
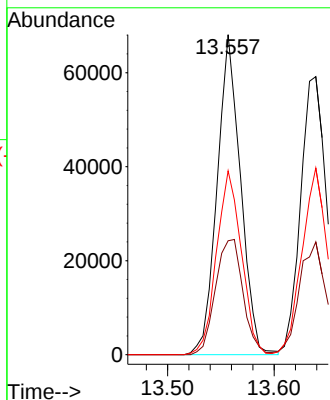
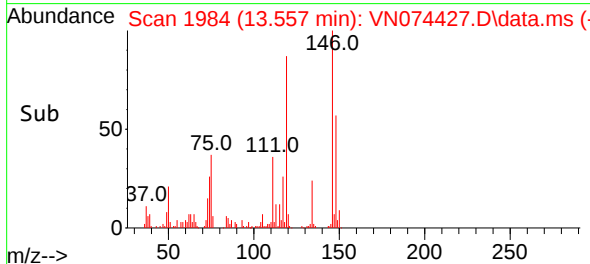
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



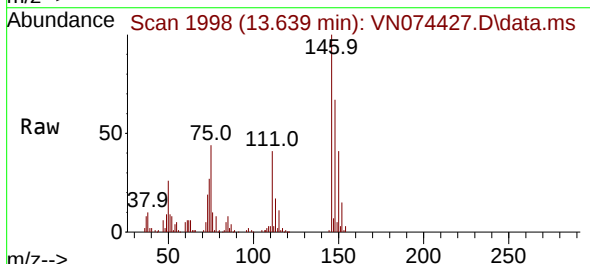
Tgt Ion:146 Resp: 103975
Ion Ratio Lower Upper
146 100
111 42.4 21.5 64.5
148 61.1 32.0 96.0

Manual Integrations
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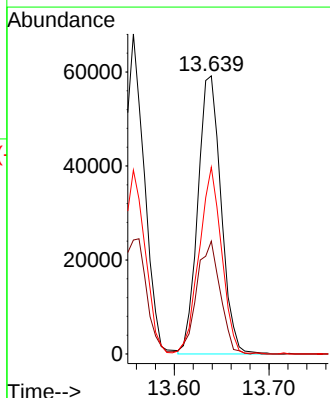
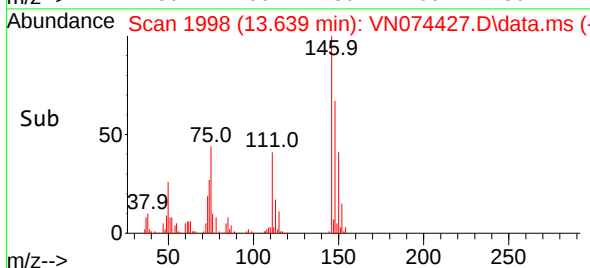
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

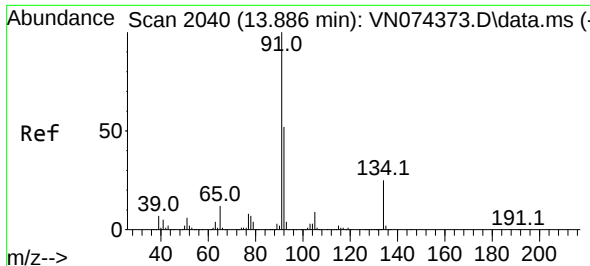


#88
1,4-Dichlorobenzene
Concen: 19.481 ug/l
RT: 13.639 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



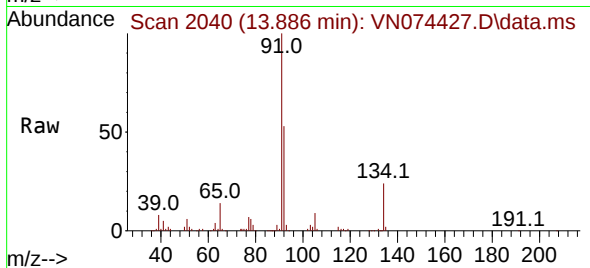
Tgt Ion:146 Resp: 100806
Ion Ratio Lower Upper
146 100
111 41.1 20.8 62.2
148 65.2 32.1 96.5





#89
n-Butylbenzene
Concen: 20.821 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

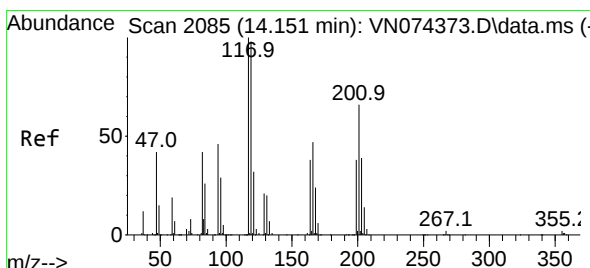
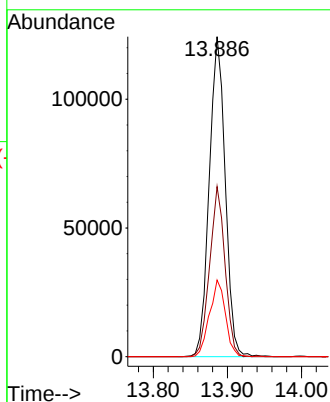
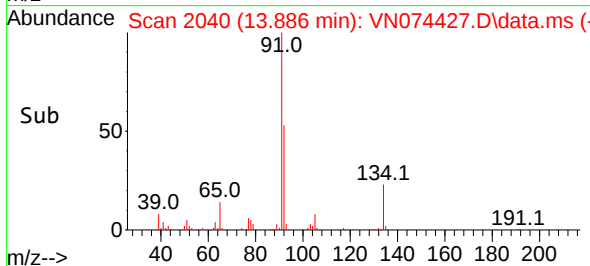
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



Tgt Ion: 91 Resp: 186040
Ion Ratio Lower Upper
91 100
92 51.1 25.8 77.4
134 23.9 12.4 37.0

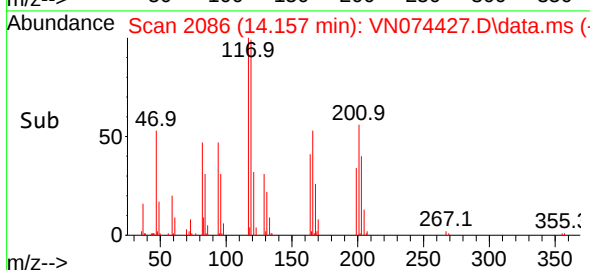
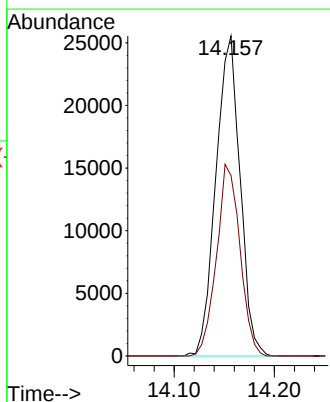
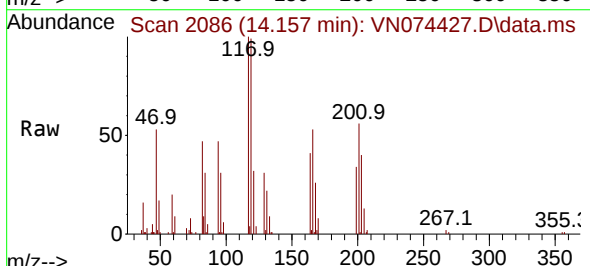
Manual Integrations
APPROVED

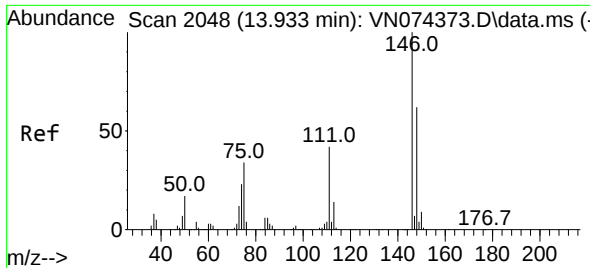
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#90
Hexachloroethane
Concen: 19.293 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

Tgt Ion:117 Resp: 42796
Ion Ratio Lower Upper
117 100
201 58.1 32.6 98.0





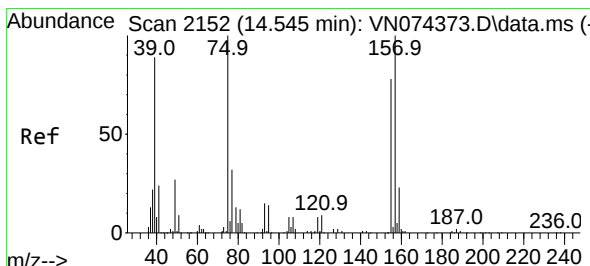
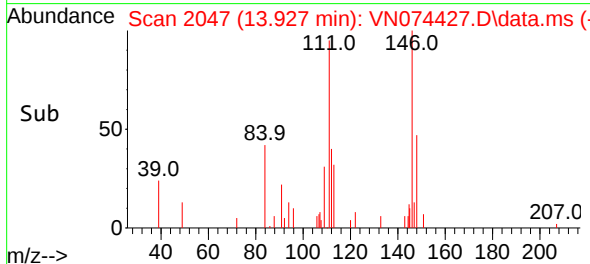
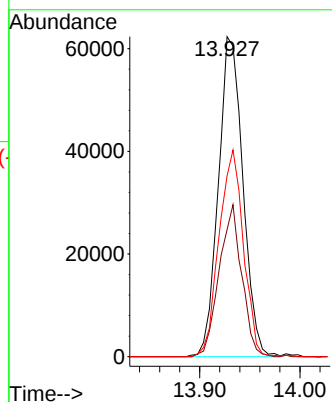
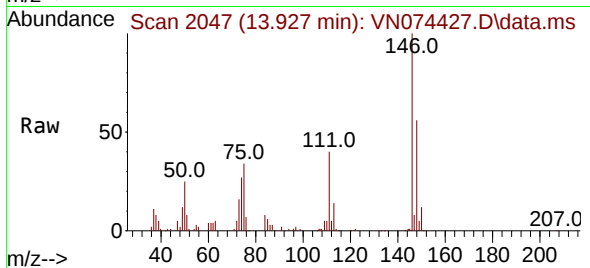
#91
1,2-Dichlorobenzene
Concen: 19.639 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01

Tgt Ion:146 Resp: 10579
Ion Ratio Lower Upper
146 100
111 43.6 21.9 65.7
148 64.2 31.4 94.2

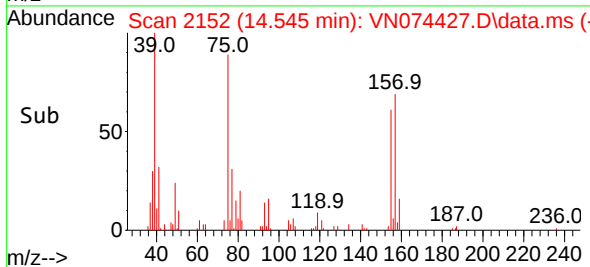
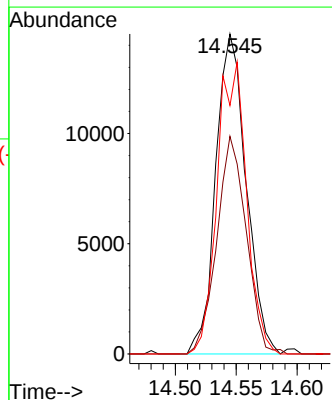
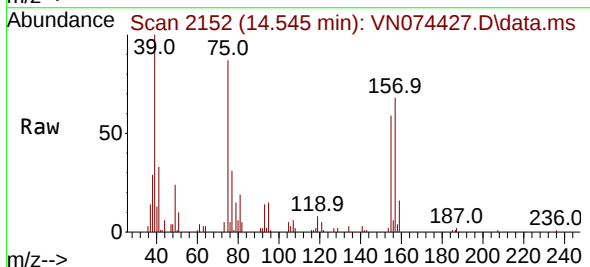
Manual Integrations
APPROVED

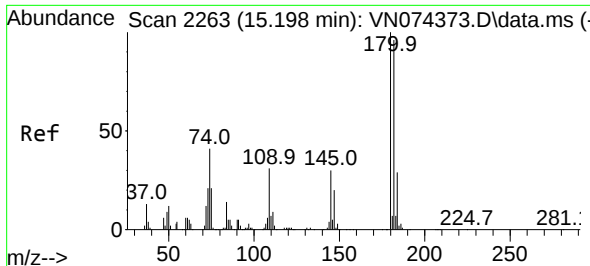
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.133 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

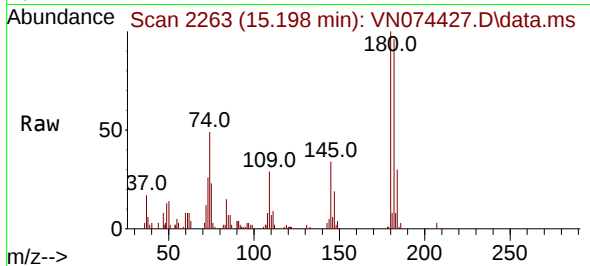
Tgt Ion: 75 Resp: 25191
Ion Ratio Lower Upper
75 100
155 66.0 36.6 109.9
157 88.2 46.2 138.5





#93
1,2,4-Trichlorobenzene
Concen: 17.979 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33

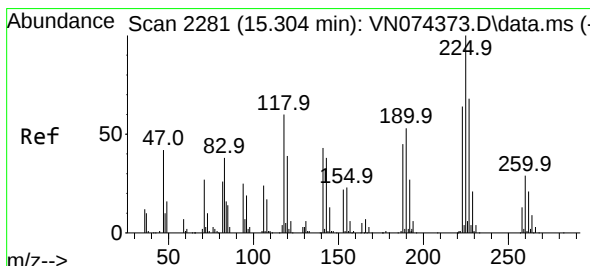
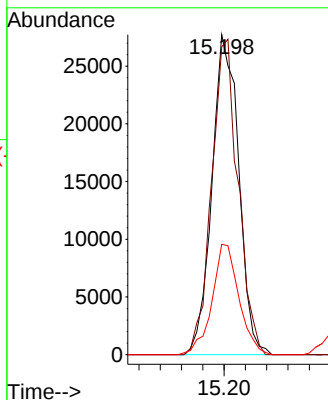
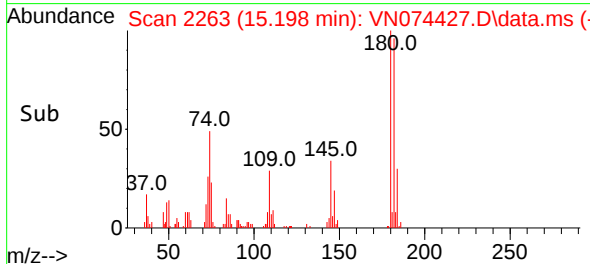
Instrument :
MSVOA_N
ClientSampleId :
VN0913WBS01



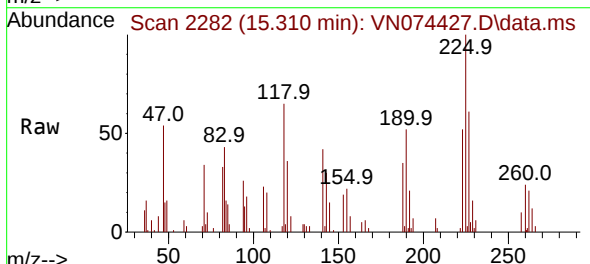
Tgt Ion:180 Resp: 48264
Ion Ratio Lower Upper
180 100
182 97.6 47.4 142.2
145 34.8 16.1 48.2

Manual Integrations
APPROVED

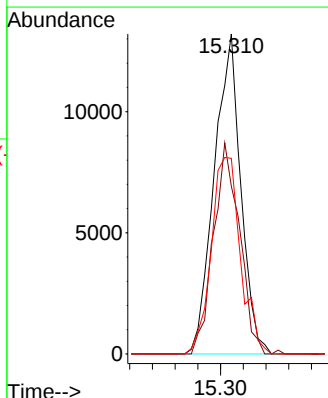
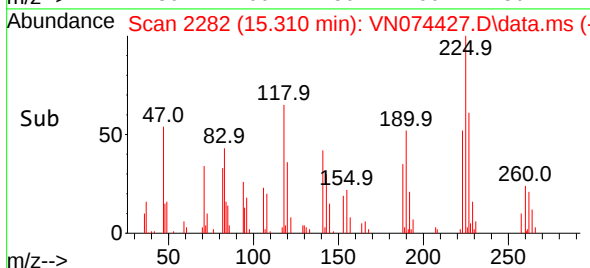
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

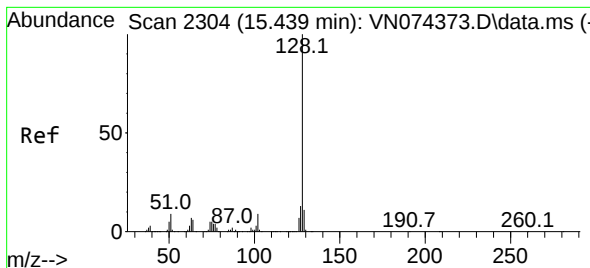


#94
Hexachlorobutadiene
Concen: 17.608 ug/l
RT: 15.310 min Scan# 2282
Delta R.T. 0.006 min
Lab File: VN074427.D
Acq: 13 Sep 2022 12:33



Tgt Ion:225 Resp: 21424
Ion Ratio Lower Upper
225 100
223 64.6 31.6 94.8
227 67.9 31.8 95.4





#95

Naphthalene

Concen: 19.727 ug/l

RT: 15.439 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074427.D

Acq: 13 Sep 2022 12:33

Instrument :

MSVOA_N

ClientSampleId :

VN0913WBS01

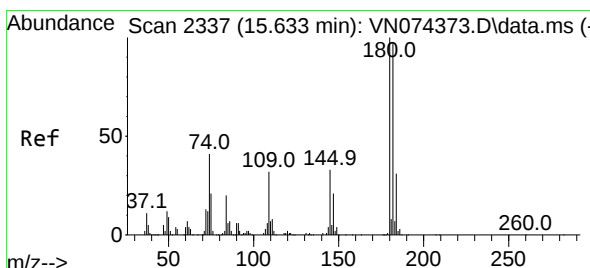
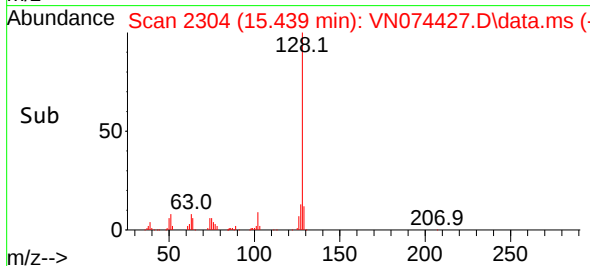
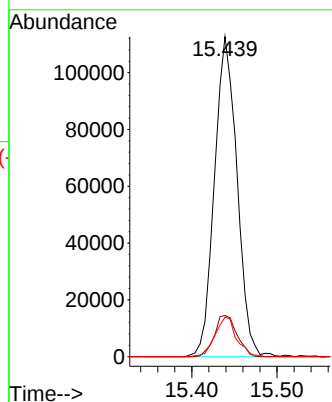
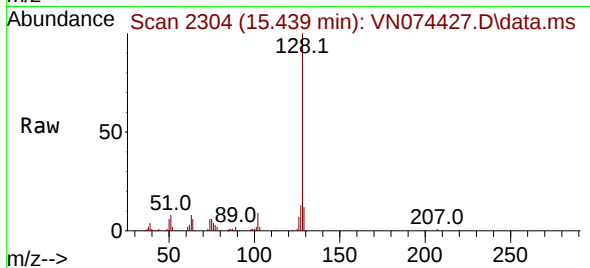
Tgt Ion:128	Resp:	207174
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.6 16.0
129	11.7	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#96

1,2,3-Trichlorobenzene

Concen: 18.062 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VN074427.D

Acq: 13 Sep 2022 12:33

Tgt Ion:180	Resp:	50174
Ion Ratio	Lower	Upper
180	100	
182	92.1	47.6 142.8
145	36.2	17.3 52.0

