

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042723\
 Data File : VN077487.D
 Acq On : 27 Apr 2023 10:37
 Operator : JC\MD
 Sample : VN0427WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

Quant Time: Apr 28 03:21:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	667426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1233080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1085956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	434139	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	452184	51.921	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.840%	
35) Dibromofluoromethane	8.172	113	386426	52.140	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.280%	
50) Toluene-d8	10.571	98	1511013	53.196	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.400%	
62) 4-Bromofluorobenzene	12.848	95	504289	54.264	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.520%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.137	85	150821	17.902	ug/l	97
3) Chloromethane	2.372	50	111938	16.731	ug/l	99
4) Vinyl Chloride	2.525	62	159347	17.879	ug/l	99
5) Bromomethane	2.960	94	135836	17.595	ug/l	96
6) Chloroethane	3.125	64	126792	18.725	ug/l	98
7) Trichlorofluoromethane	3.507	101	242549	18.516	ug/l	98
8) Diethyl Ether	3.966	74	87735	18.431	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.378	101	138077	18.124	ug/l	97
10) Methyl Iodide	4.601	142	152475	16.291	ug/l	100
11) Tert butyl alcohol	5.525	59	123295	88.186	ug/l	97
12) 1,1-Dichloroethene	4.354	96	130267	17.490	ug/l	97
13) Acrolein	4.184	56	120724	86.799	ug/l	96
14) Allyl chloride	5.036	41	152265	18.387	ug/l	97
15) Acrylonitrile	5.725	53	289345	91.227	ug/l	99
16) Acetone	4.436	43	251494	90.768	ug/l	97
17) Carbon Disulfide	4.725	76	311088	16.437	ug/l	98
18) Methyl Acetate	5.036	43	192160	17.959	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	452455	18.266	ug/l	98
20) Methylene Chloride	5.289	84	148560	16.907	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	140896	17.494	ug/l	91
22) Diisopropyl ether	6.678	45	336689	17.716	ug/l	95
23) Vinyl Acetate	6.613	43	1053539	88.763	ug/l	100
24) 1,1-Dichloroethane	6.578	63	240504	17.877	ug/l	99
25) 2-Butanone	7.489	43	360509	91.737	ug/l	99
26) 2,2-Dichloropropane	7.495	77	243556	18.671	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	175473	18.396	ug/l	97
28) Bromochloromethane	7.819	49	106216	20.675	ug/l	92
29) Tetrahydrofuran	7.848	42	228072	92.628	ug/l	97
30) Chloroform	7.972	83	285604	18.838	ug/l	96
31) Cyclohexane	8.260	56	213743	17.325	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	257771	18.493	ug/l	98
36) 1,1-Dichloropropene	8.377	75	204239	19.075	ug/l	98
37) Ethyl Acetate	7.566	43	137495	16.899	ug/l	98
38) Carbon Tetrachloride	8.366	117	222692	18.850	ug/l	99
39) Methylcyclohexane	9.607	83	256758	18.201	ug/l	98
40) Benzene	8.613	78	608462	18.654	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	75685	17.860	ug/l	93
42) 1,2-Dichloroethane	8.677	62	211150	18.847	ug/l	99
43) Isopropyl Acetate	8.695	43	251301	17.853	ug/l	96
44) Trichloroethene	9.360	130	155313	18.597	ug/l	94
45) 1,2-Dichloropropane	9.624	63	142574	18.660	ug/l	98
46) Dibromomethane	9.713	93	110289	17.789	ug/l	95
47) Bromodichloromethane	9.889	83	221741	18.490	ug/l	96
48) Methyl methacrylate	9.683	41	113291	17.682	ug/l	99
49) 1,4-Dioxane	9.695	88	61147	380.473	ug/l #	93
51) 4-Methyl-2-Pentanone	10.448	43	755285	91.482	ug/l	100
52) Toluene	10.630	92	404864	18.947	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	230738	19.001	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	245889	18.603	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	160709	18.703	ug/l	99
56) Ethyl methacrylate	10.877	69	227930	18.930	ug/l	94
57) 1,3-Dichloropropane	11.165	76	265742	19.415	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	408532	100.314	ug/l	100
59) 2-Hexanone	11.195	43	556595	92.746	ug/l	99
60) Dibromochloromethane	11.360	129	167411	18.772	ug/l	99
61) 1,2-Dibromoethane	11.471	107	164538	18.756	ug/l	98
64) Tetrachloroethene	11.107	164	124002	19.075	ug/l	95
65) Chlorobenzene	11.895	112	427059	18.584	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	157482	18.836	ug/l	98
67) Ethyl Benzene	11.965	91	773641	19.124	ug/l	99
68) m/p-Xylenes	12.071	106	594105	37.787	ug/l	99
69) o-Xylene	12.401	106	297725	19.252	ug/l	100
70) Styrene	12.412	104	469075	19.395	ug/l	99
71) Bromoform	12.583	173	105599	19.306	ug/l #	95
73) Isopropylbenzene	12.695	105	761884	18.912	ug/l	99
74) N-amyl acetate	12.495	43	203516	17.063	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	230302	18.194	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	274678	27.208	ug/l	71
77) Bromobenzene	12.983	156	161144	18.353	ug/l	97
78) n-propylbenzene	13.036	91	841267	18.886	ug/l	99
79) 2-Chlorotoluene	13.130	91	519455	18.914	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	605163	20.228	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	72981	20.423	ug/l	94
82) 4-Chlorotoluene	13.224	91	489371	19.069	ug/l	99
83) tert-Butylbenzene	13.442	119	546582	18.813	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	553215	19.800	ug/l	99
85) sec-Butylbenzene	13.618	105	771824	19.354	ug/l	99
86) p-Isopropyltoluene	13.730	119	589007	19.196	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	289982	18.571	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	281015	18.227	ug/l	97
89) n-Butylbenzene	14.059	91	448847	18.902	ug/l	99
90) Hexachloroethane	14.336	117	123155	18.168	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	287520	18.565	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	43148	18.433	ug/l	93
93) 1,2,4-Trichlorobenzene	15.365	180	64024	17.663	ug/l	95
94) Hexachlorobutadiene	15.465	225	60351	19.284	ug/l	99
95) Naphthalene	15.589	128	239276	17.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.753	180	63140	18.380	ug/l	98

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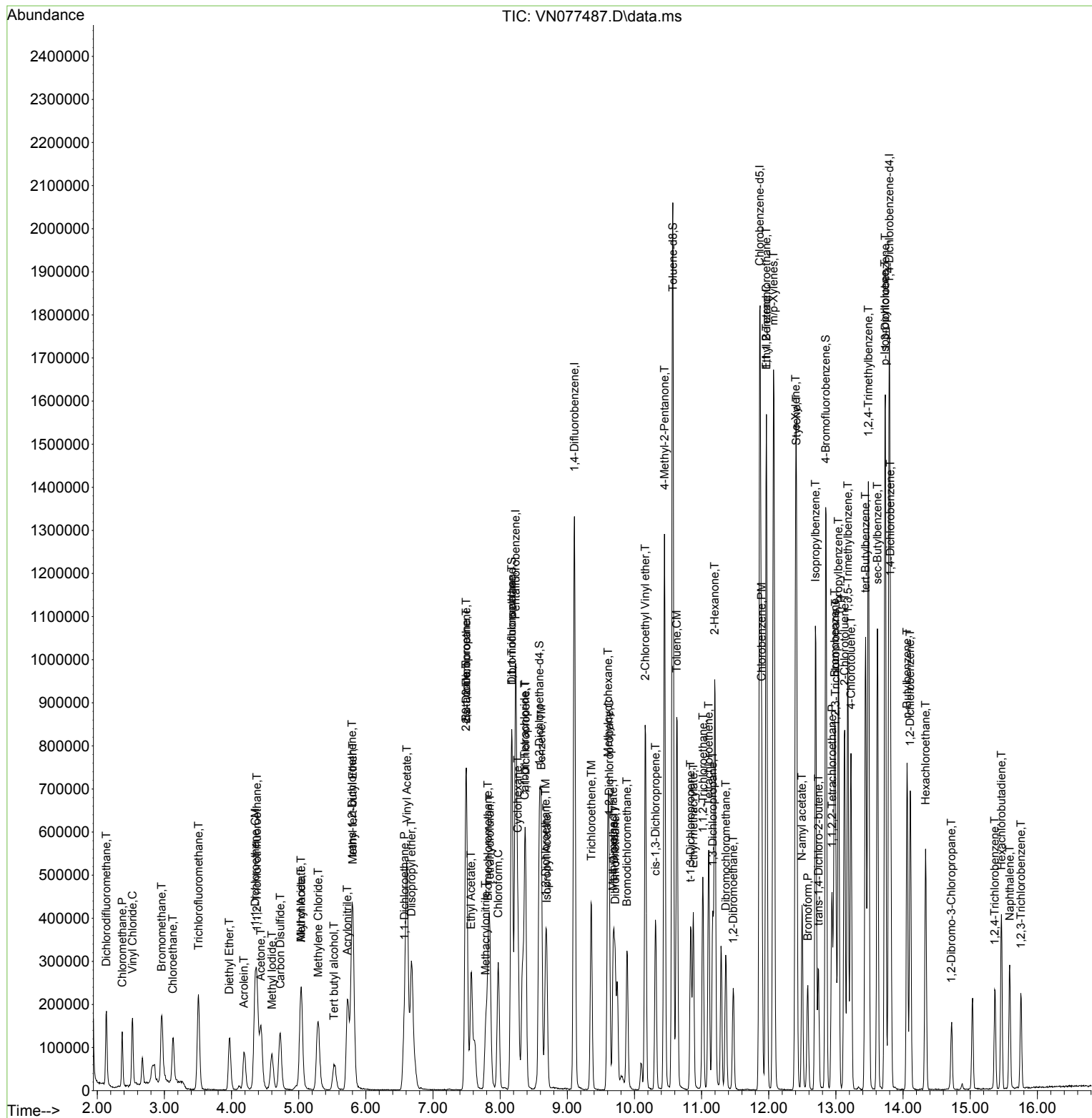
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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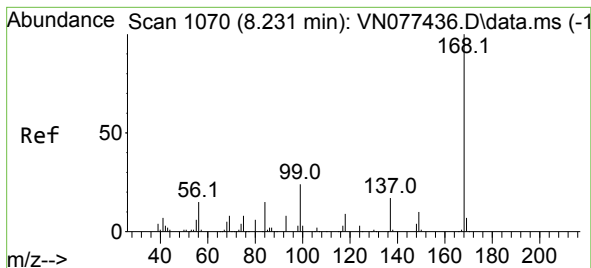
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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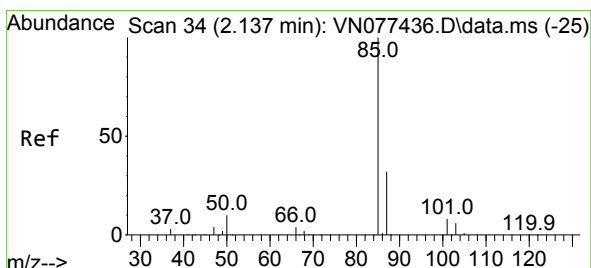
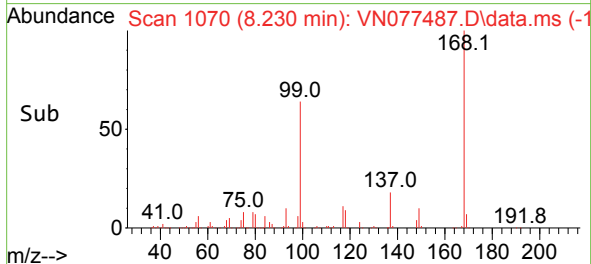
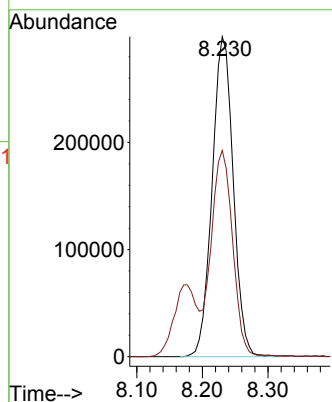
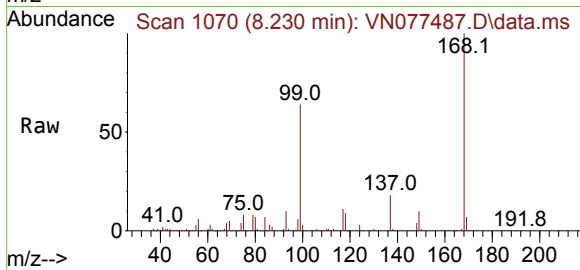




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.001 min
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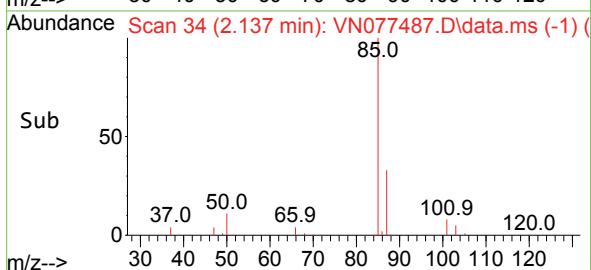
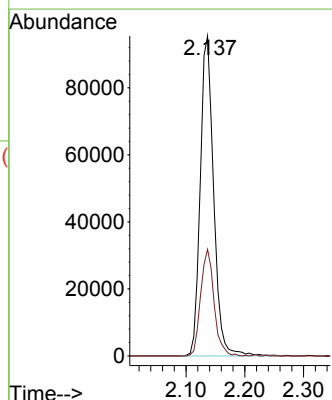
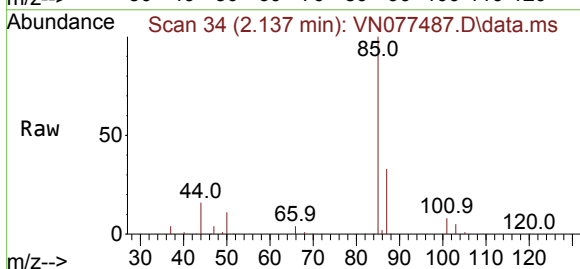
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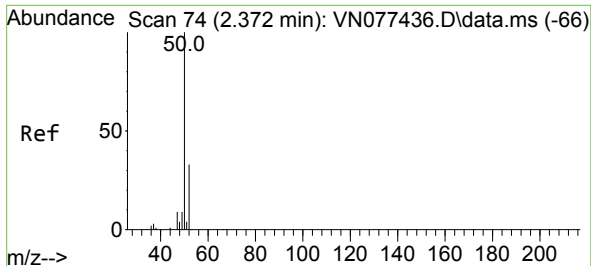
Tgt Ion:168 Resp: 667426
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 17.902 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 85 Resp: 150821
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4

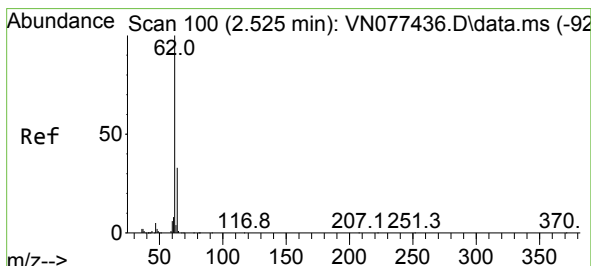
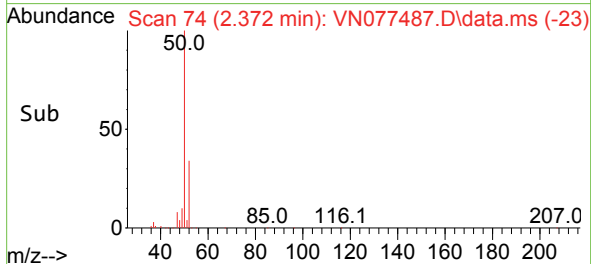
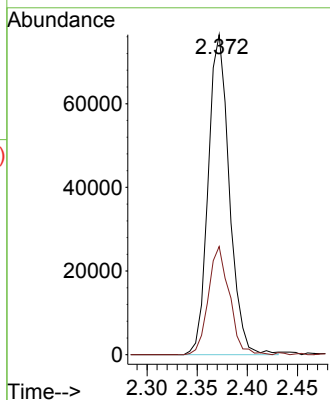
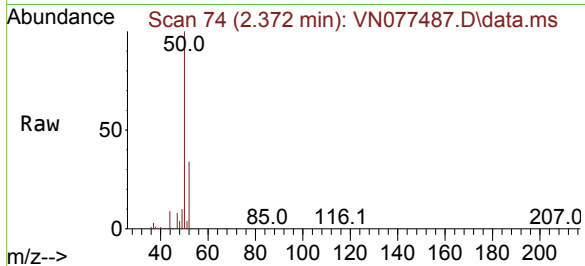




#3
Chloromethane
Concen: 16.731 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077487.D
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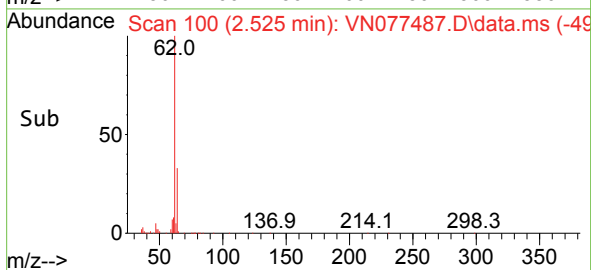
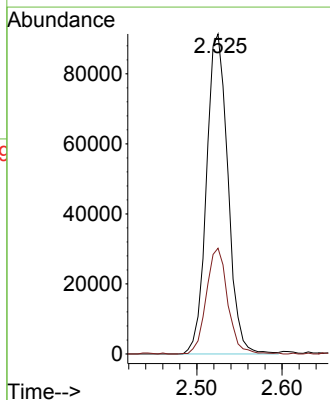
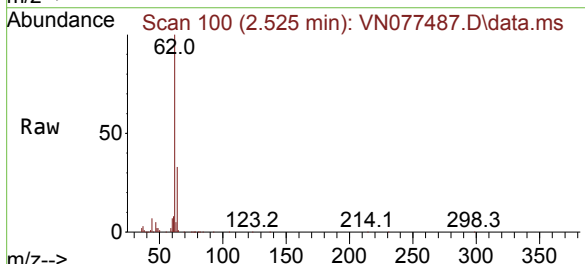
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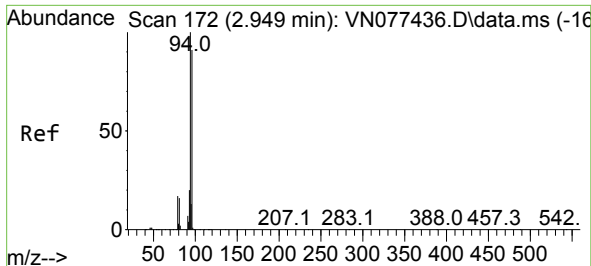
Tgt Ion: 50 Resp: 111938
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7



#4
Vinyl Chloride
Concen: 17.879 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077487.D
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Tgt Ion: 62 Resp: 159347
Ion Ratio Lower Upper
62 100
64 33.0 26.2 39.2

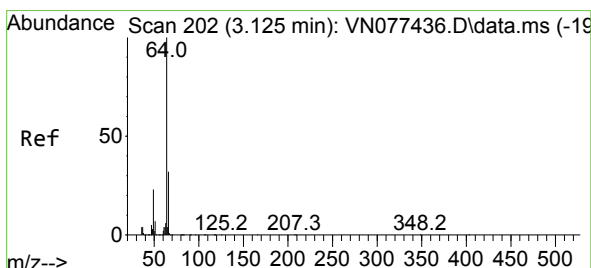
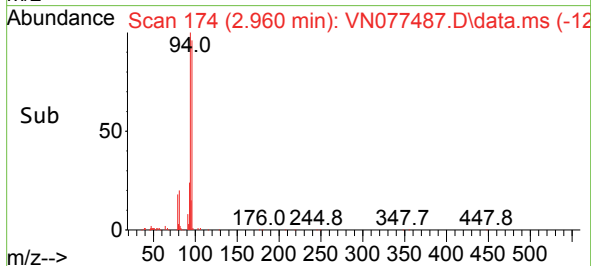
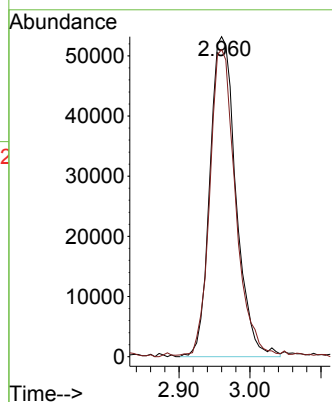
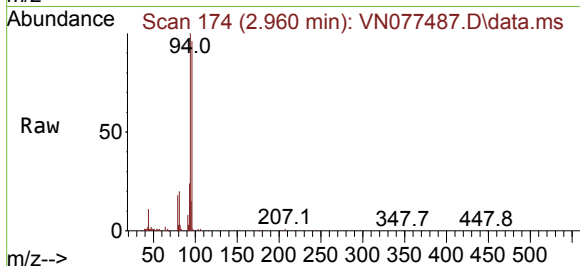




#5
Bromomethane
Concen: 17.595 ug/l
RT: 2.960 min Scan# 174
Delta R.T. 0.011 min
Lab File: VN077487.D
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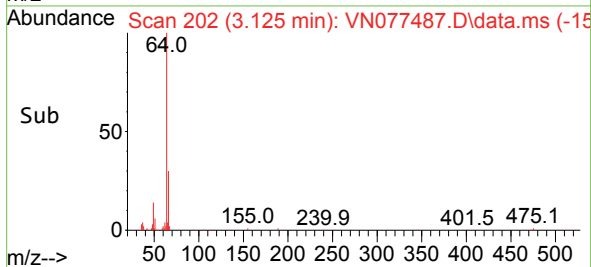
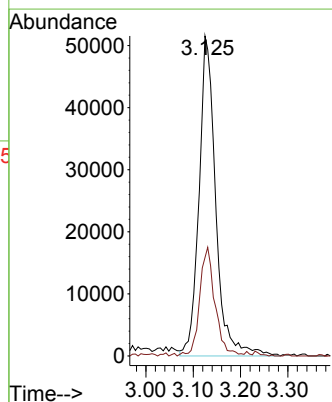
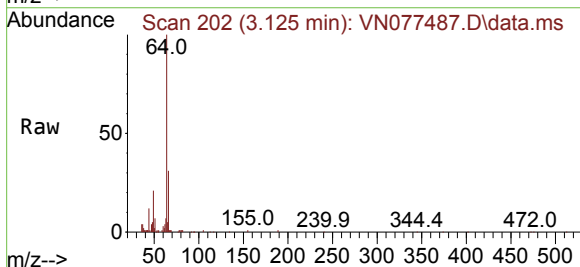
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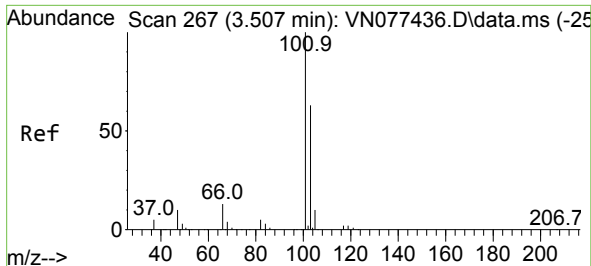
Tgt Ion: 94 Resp: 135836
Ion Ratio Lower Upper
94 100
96 95.4 73.1 109.7



#6
Chloroethane
Concen: 18.725 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 126792
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.2

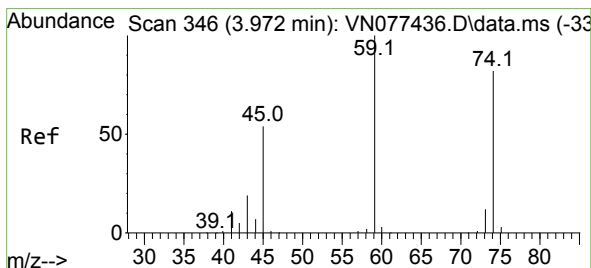
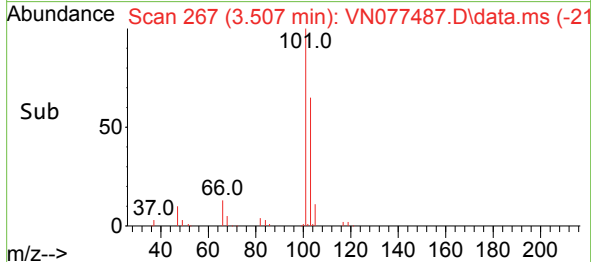
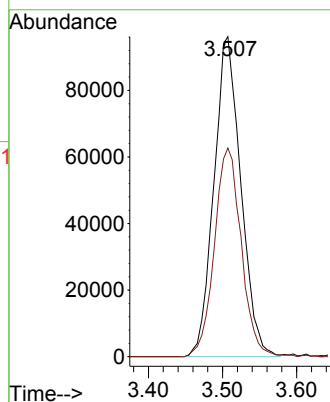
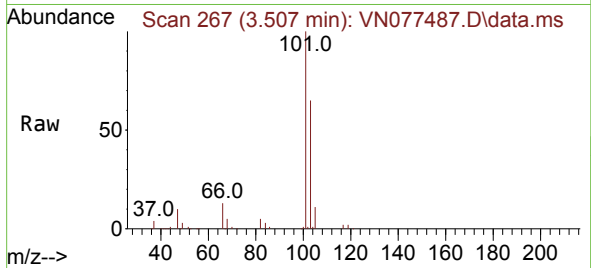




#7
 Trichlorofluoromethane
 Concen: 18.516 ug/l
 RT: 3.507 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077487.D
 Acq: 27 Apr 2023 10:37

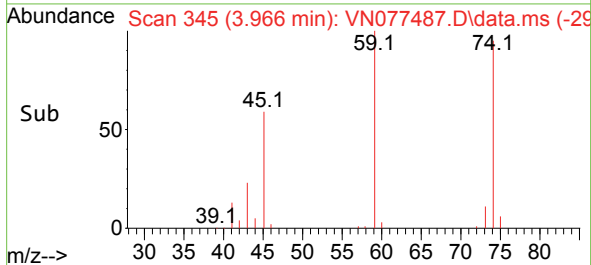
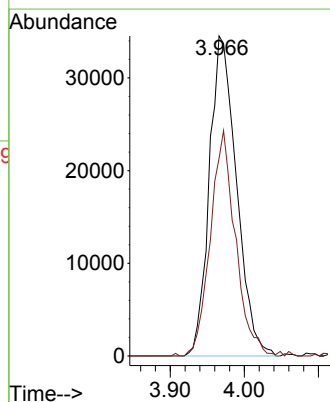
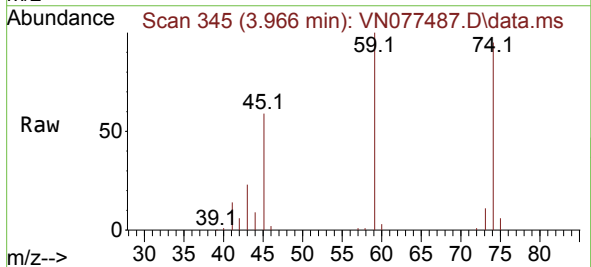
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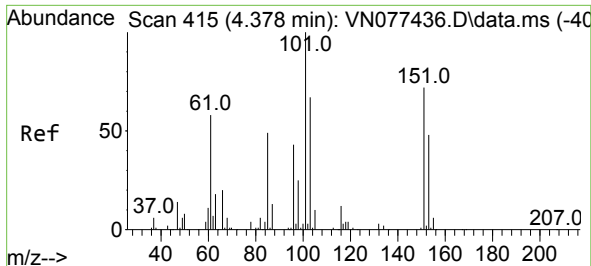
Tgt Ion:101 Resp: 242549
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.431 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 87735
 Ion Ratio Lower Upper
 74 100
 45 65.1 34.4 103.3

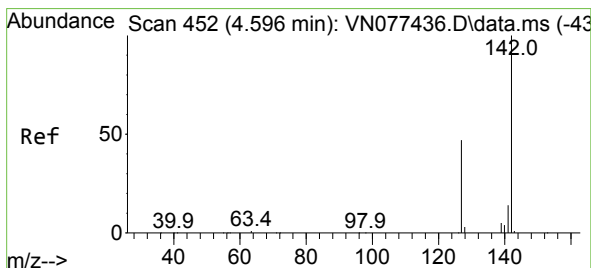
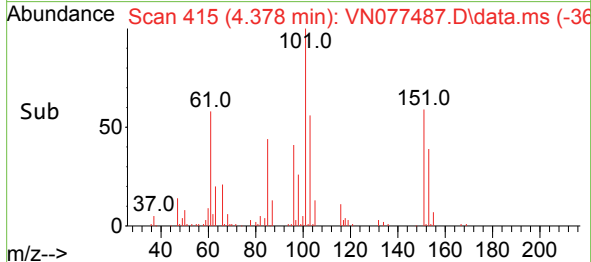
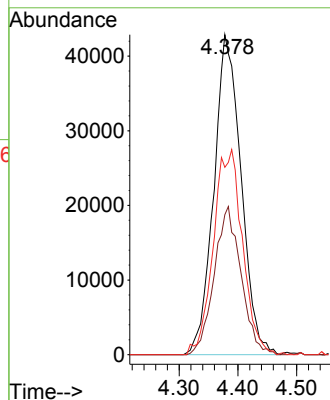
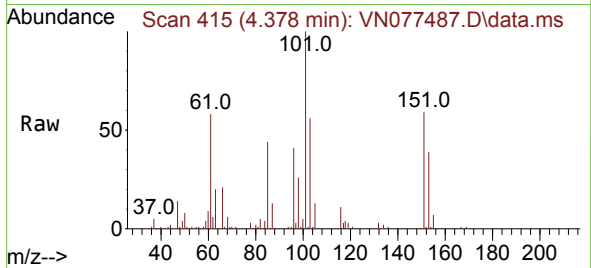




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.124 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

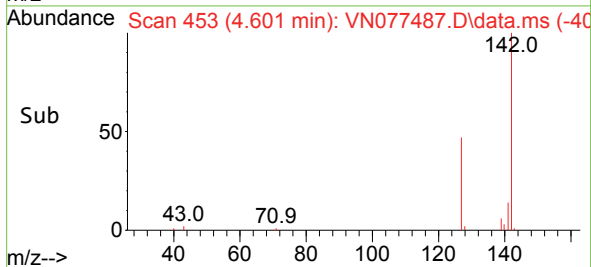
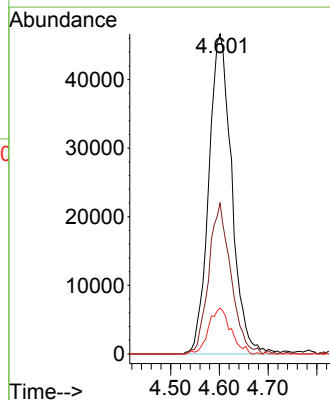
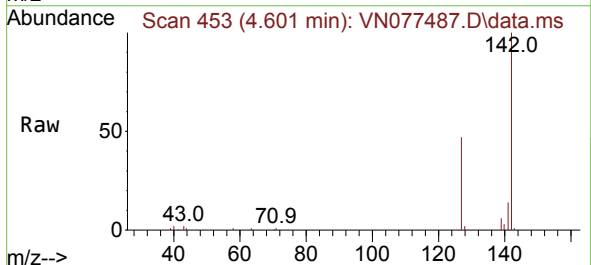
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

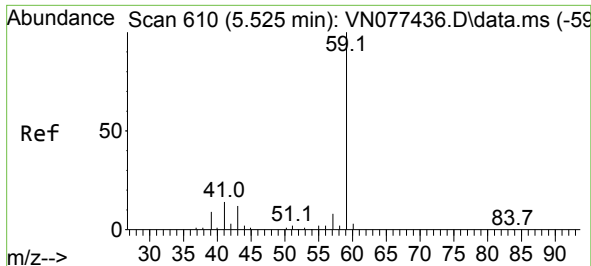
Tgt Ion:101 Resp: 138077
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 68.4 57.6 86.4



#10
Methyl Iodide
Concen: 16.291 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion:142 Resp: 152475
Ion Ratio Lower Upper
142 100
127 47.1 37.6 56.4
141 14.4 11.4 17.0

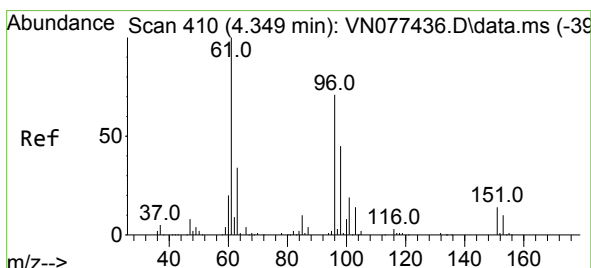
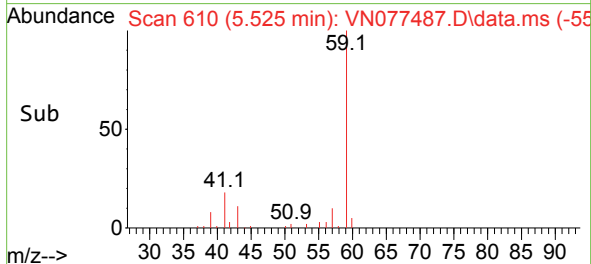
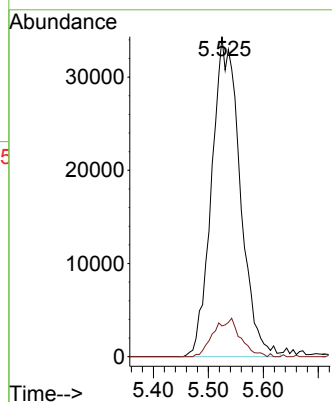
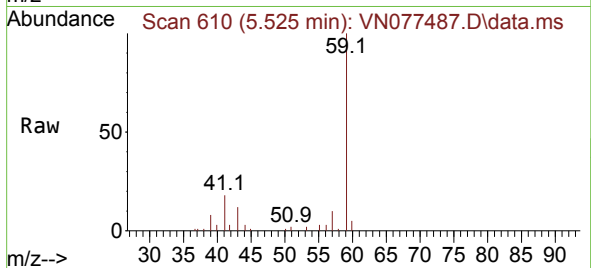




#11
Tert butyl alcohol
Concen: 88.186 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

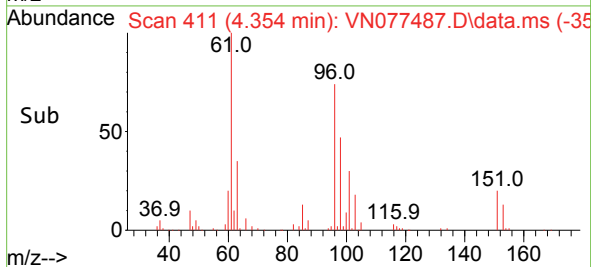
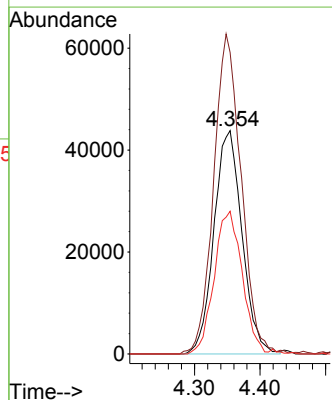
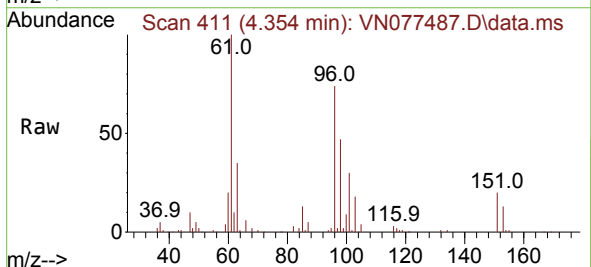
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

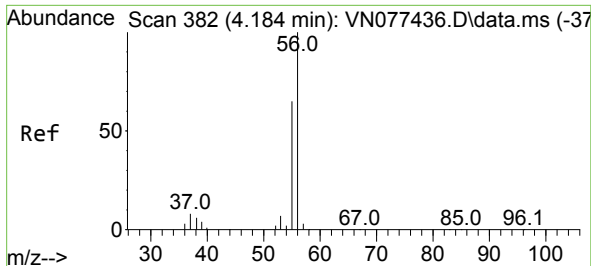
Tgt Ion: 59 Resp: 123295
Ion Ratio Lower Upper
59 100
57 11.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.490 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 96 Resp: 130267
Ion Ratio Lower Upper
96 100
61 135.0 112.7 169.1
98 63.9 51.2 76.8

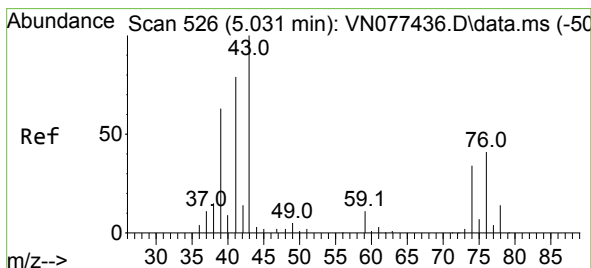
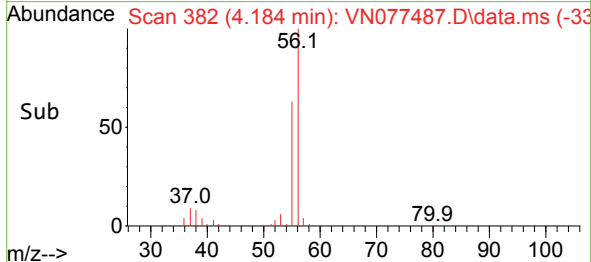
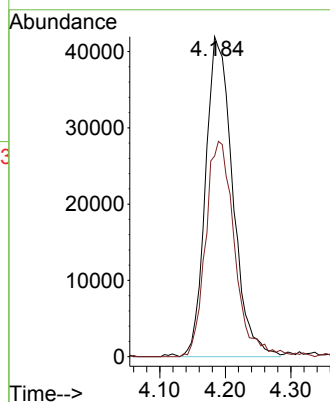
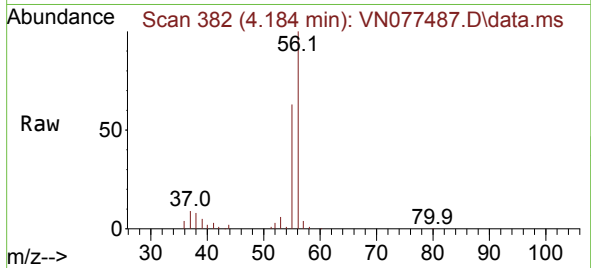




#13
Acrolein
Concen: 86.799 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

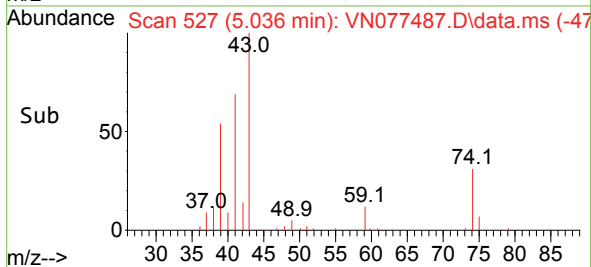
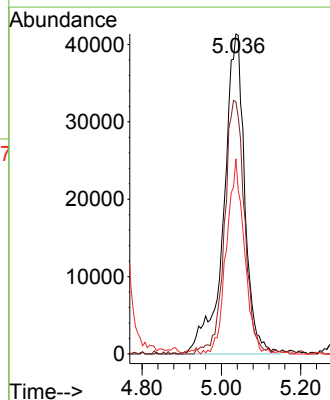
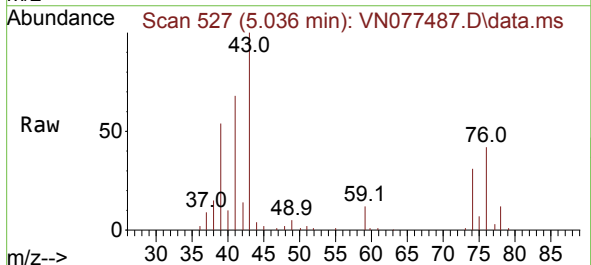
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

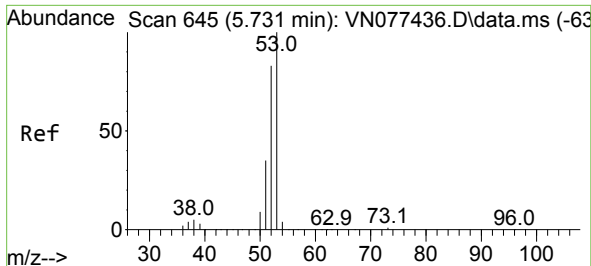
Tgt Ion: 56 Resp: 120724
Ion Ratio Lower Upper
56 100
55 71.6 54.5 81.7



#14
Allyl chloride
Concen: 18.387 ug/l
RT: 5.036 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 41 Resp: 152265
Ion Ratio Lower Upper
41 100
39 75.0 58.8 88.2
76 51.7 39.1 58.7

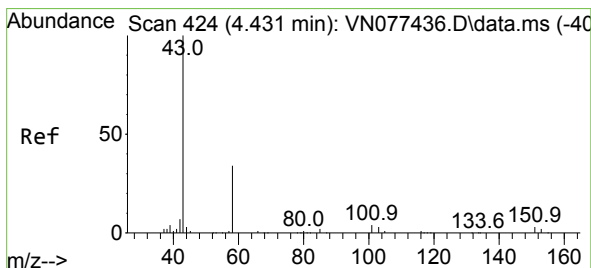
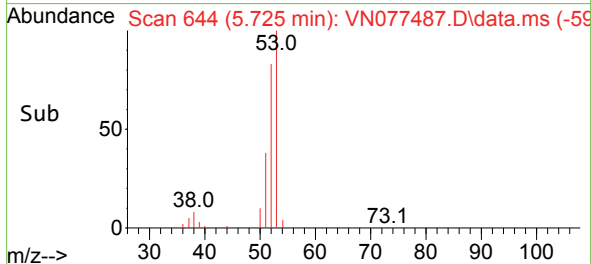
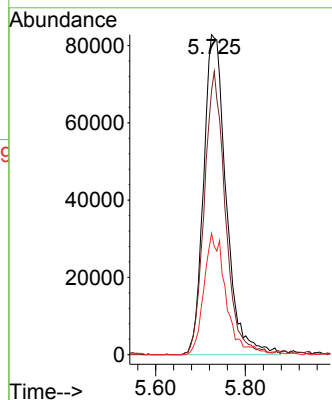
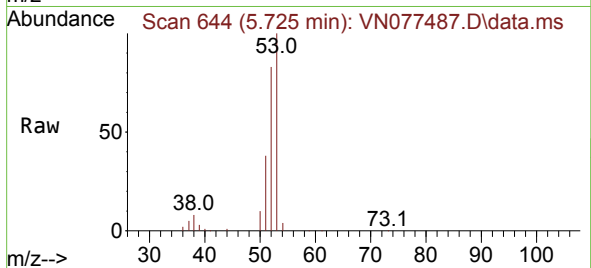




#15
Acrylonitrile
Concen: 91.227 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

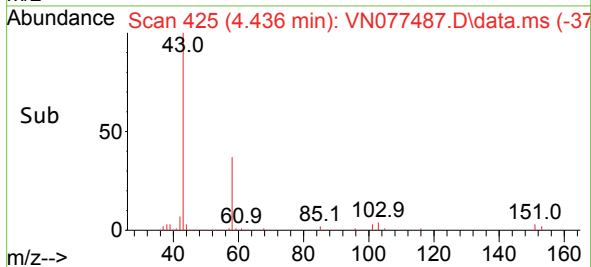
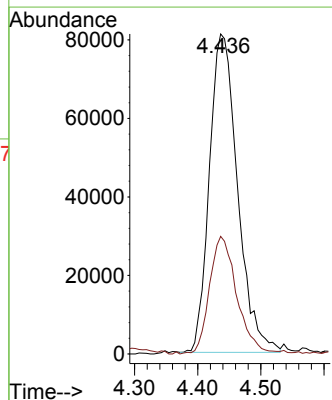
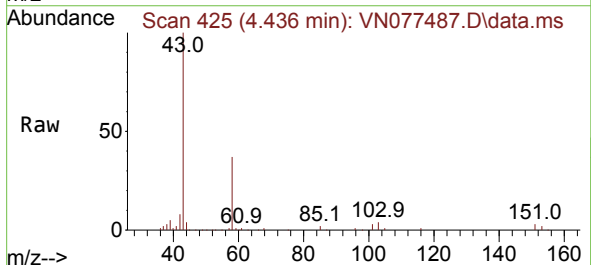
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

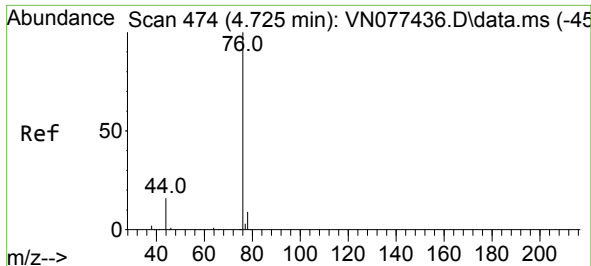
Tgt Ion: 53 Resp: 289345
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 35.5 28.9 43.3



#16
Acetone
Concen: 90.768 ug/l
RT: 4.436 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 43 Resp: 251494
Ion Ratio Lower Upper
43 100
58 36.9 28.0 42.0

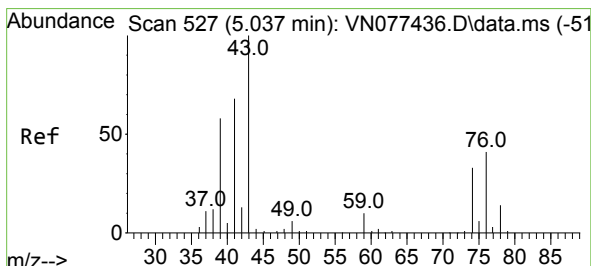
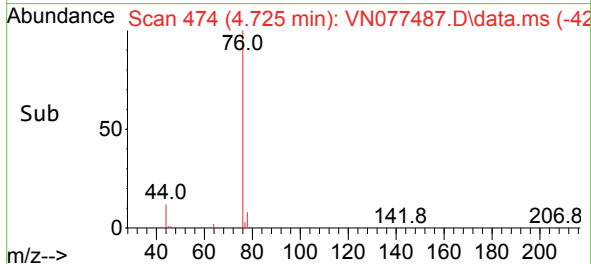
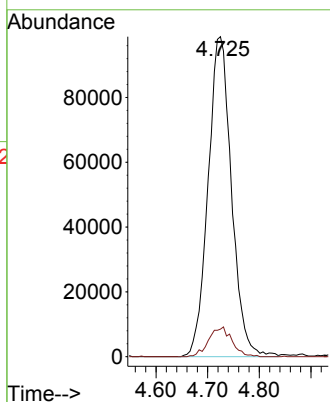
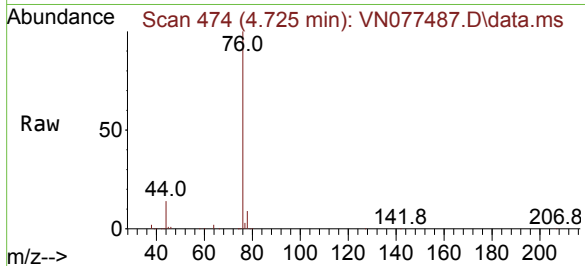




#17
Carbon Disulfide
Concen: 16.437 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

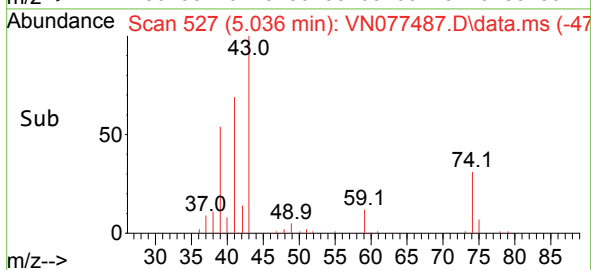
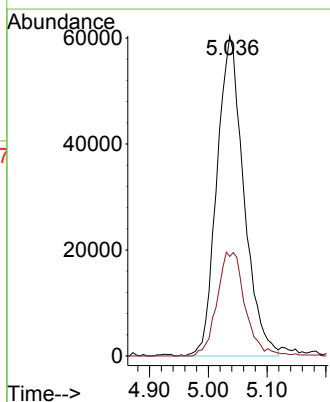
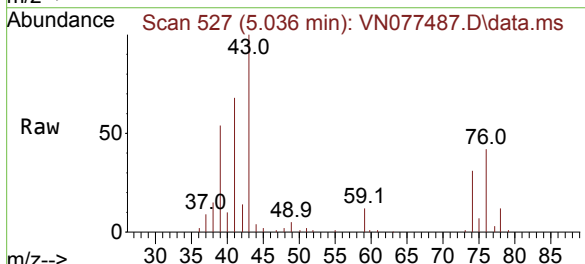
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

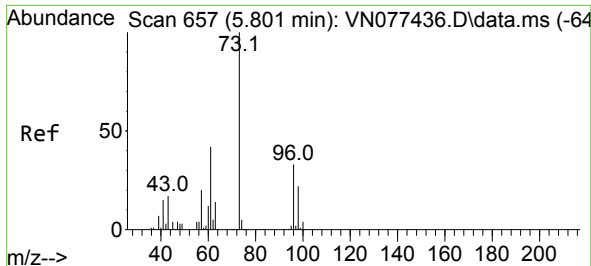
Tgt Ion: 76 Resp: 311088
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 17.959 ug/l
RT: 5.036 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 43 Resp: 192160
Ion Ratio Lower Upper
43 100
74 33.9 26.2 39.4

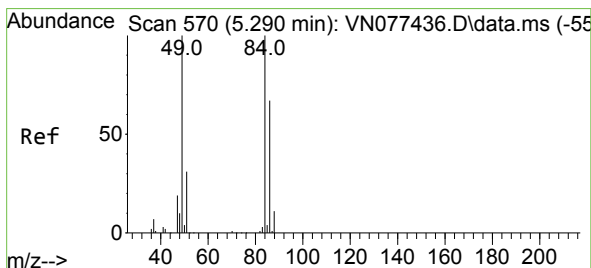
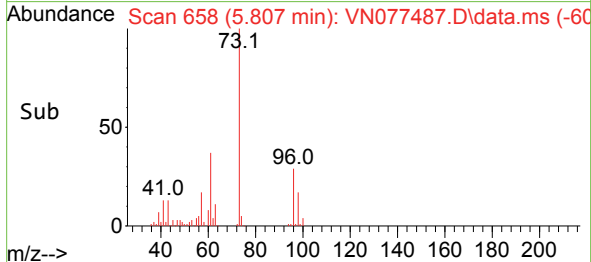
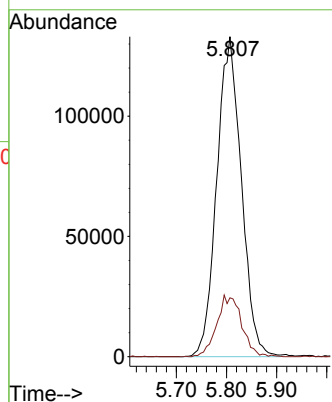
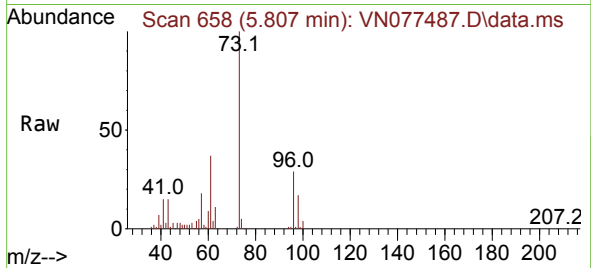




#19
Methyl tert-butyl Ether
Concen: 18.266 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

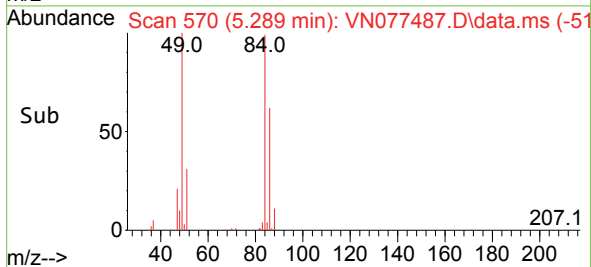
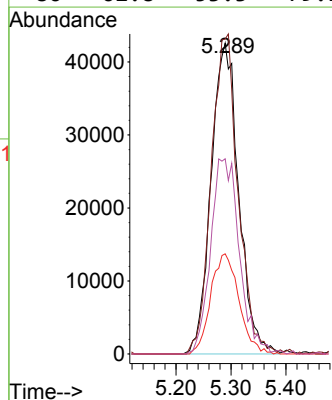
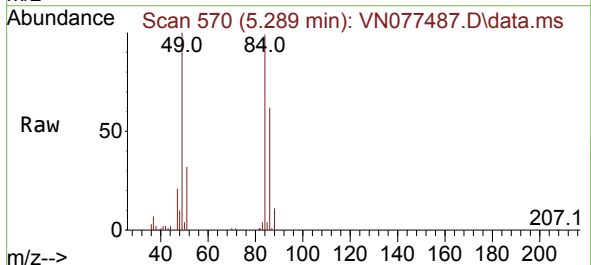
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

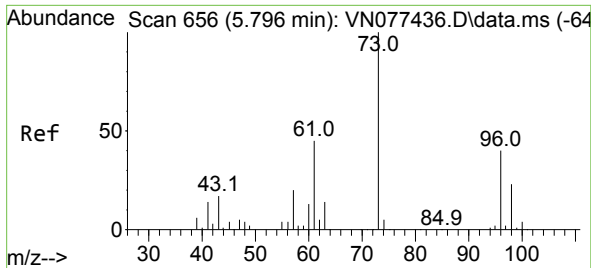
Tgt Ion: 73 Resp: 452455
Ion Ratio Lower Upper
73 100
57 18.4 15.6 23.4



#20
Methylene Chloride
Concen: 16.907 ug/l
RT: 5.289 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 84 Resp: 148560
Ion Ratio Lower Upper
84 100
49 101.4 79.7 119.5
51 32.3 25.2 37.8
86 62.8 53.3 79.9

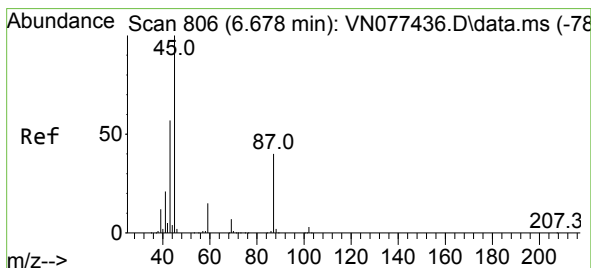
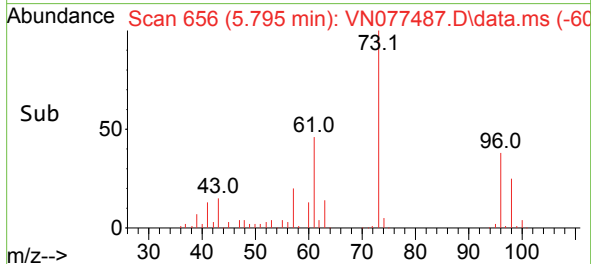
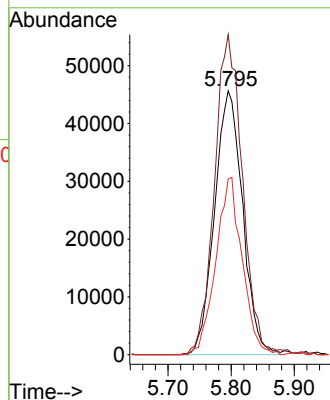
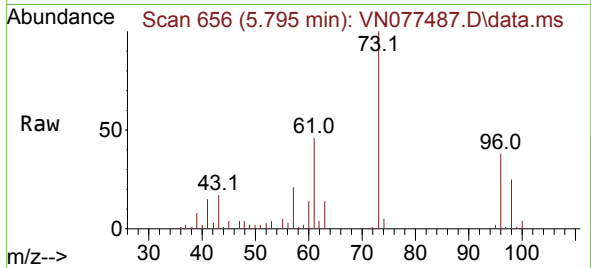




#21
trans-1,2-Dichloroethene
Concen: 17.494 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

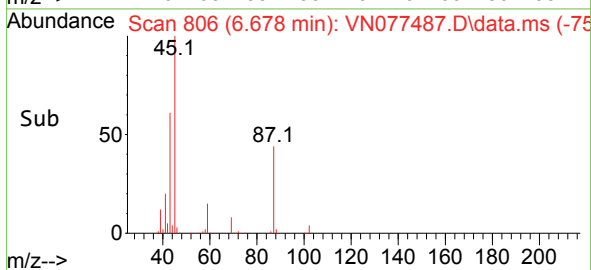
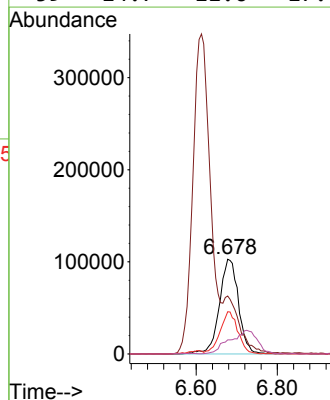
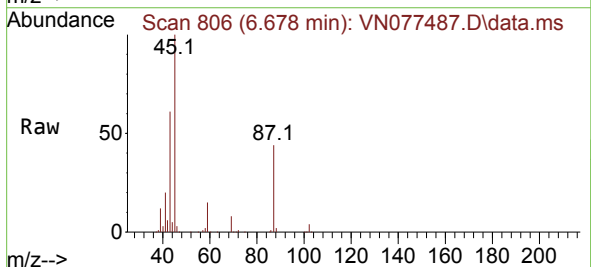
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

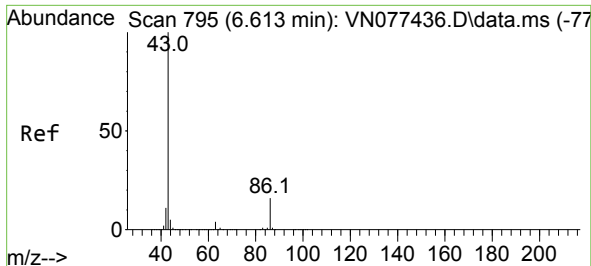
Tgt Ion: 96 Resp: 140896
Ion Ratio Lower Upper
96 100
61 121.3 90.1 135.1
98 66.6 46.4 69.6



#22
Diisopropyl ether
Concen: 17.716 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 45 Resp: 336689
Ion Ratio Lower Upper
45 100
43 60.3 45.5 68.3
87 44.5 31.8 47.8
59 14.7 11.6 17.4

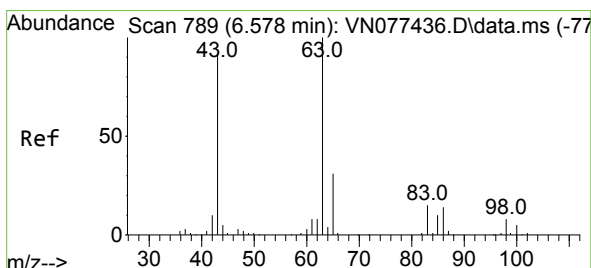
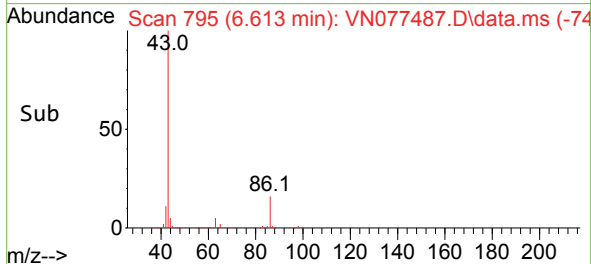
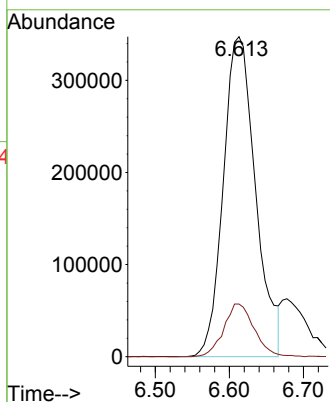
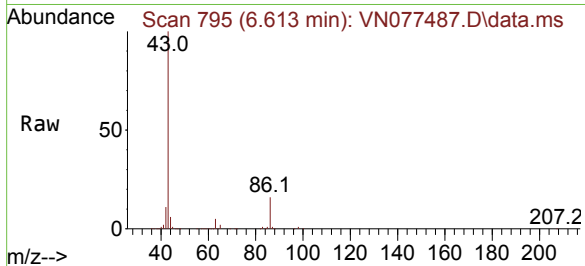




#23
 Vinyl Acetate
 Concen: 88.763 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077487.D
 Acq: 27 Apr 2023 10:37

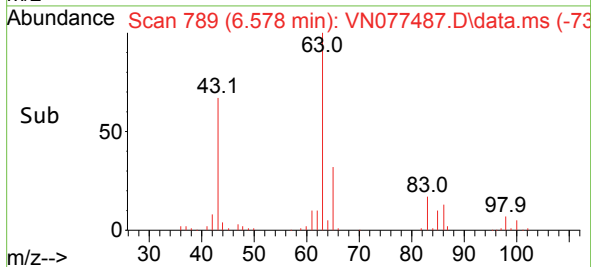
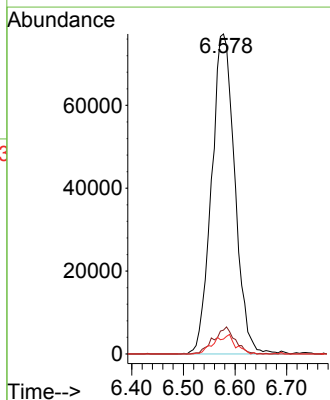
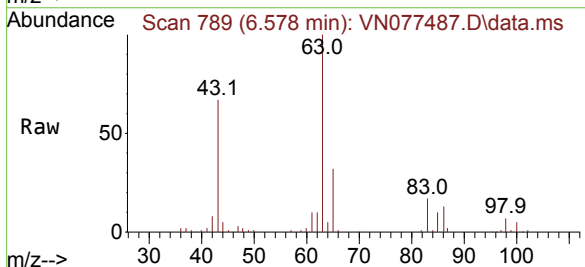
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

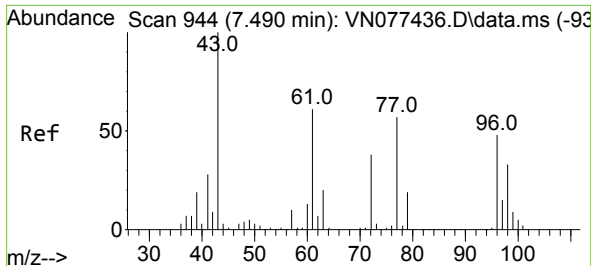
Tgt Ion: 43 Resp: 1053539
 Ion Ratio Lower Upper
 43 100
 86 16.4 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 17.877 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077487.D
 Acq: 27 Apr 2023 10:37

Tgt Ion: 63 Resp: 240504
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.7 2.5 7.4





#25

2-Butanone

Concen: 91.737 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.000 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

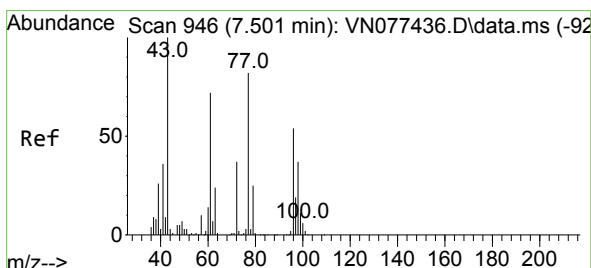
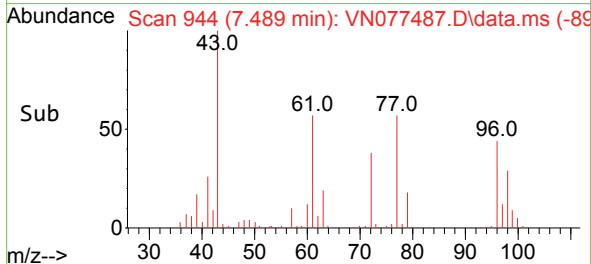
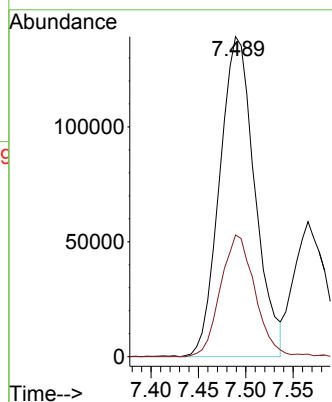
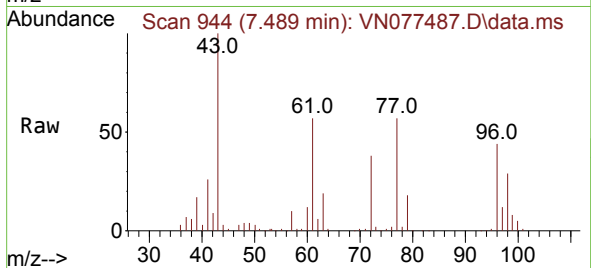
VN0427WBS01

Tgt Ion: 43 Resp: 360509

Ion Ratio Lower Upper

43 100

72 38.1 30.2 45.2



#26

2,2-Dichloropropane

Concen: 18.671 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.006 min

Lab File: VN077487.D

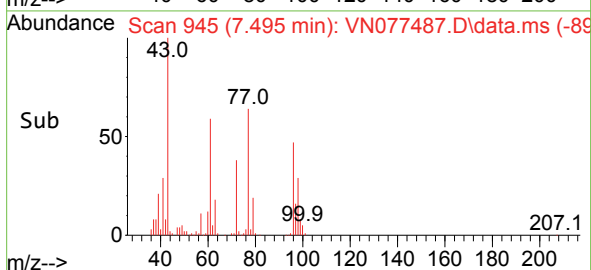
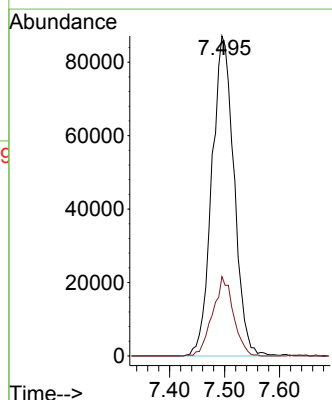
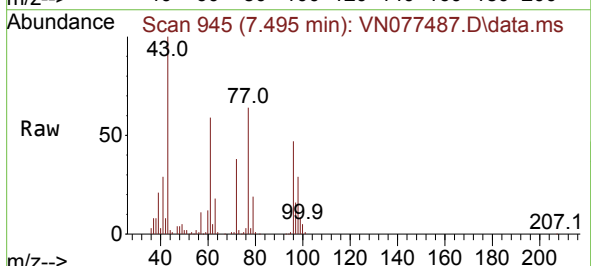
Acq: 27 Apr 2023 10:37

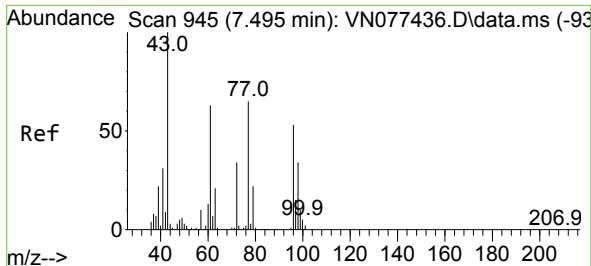
Tgt Ion: 77 Resp: 243556

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.6

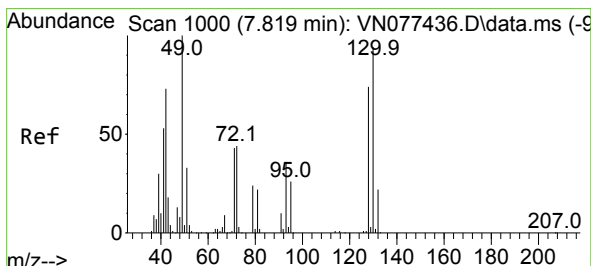
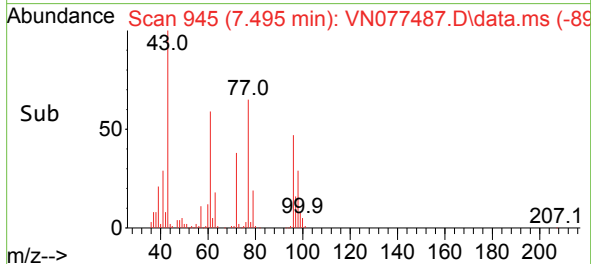
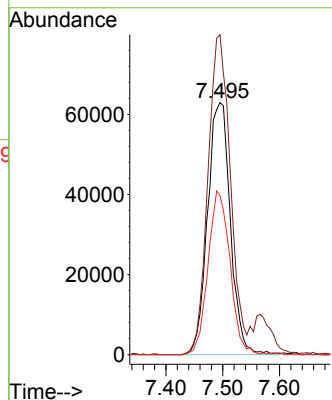
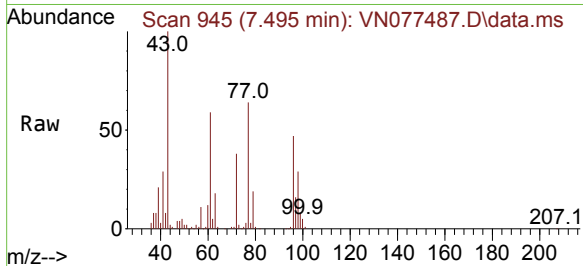




#27
 cis-1,2-Dichloroethene
 Concen: 18.396 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. -0.000 min
 Lab File: VN077487.D
 Acq: 27 Apr 2023 10:37

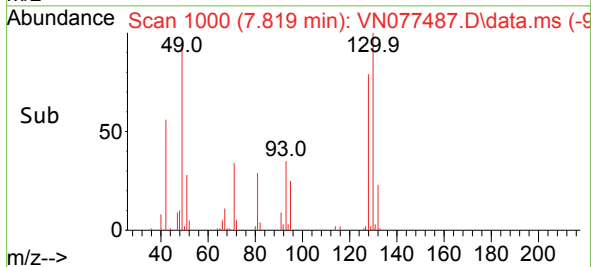
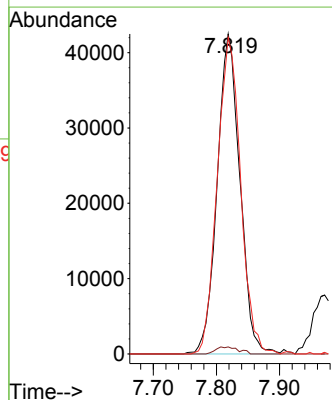
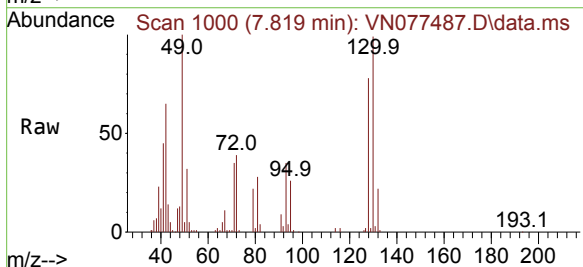
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

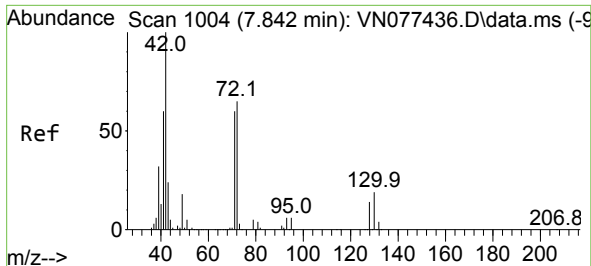
Tgt Ion: 96 Resp: 175473
 Ion Ratio Lower Upper
 96 100
 61 124.5 0.0 255.2
 98 62.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.675 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077487.D
 Acq: 27 Apr 2023 10:37

Tgt Ion: 49 Resp: 106216
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 101.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 92.628 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

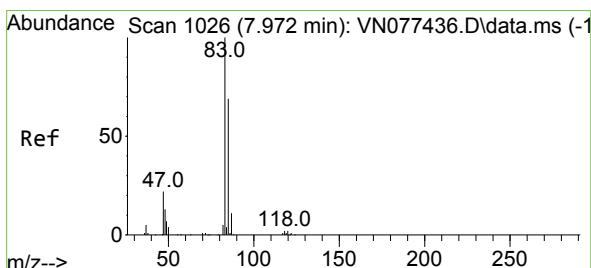
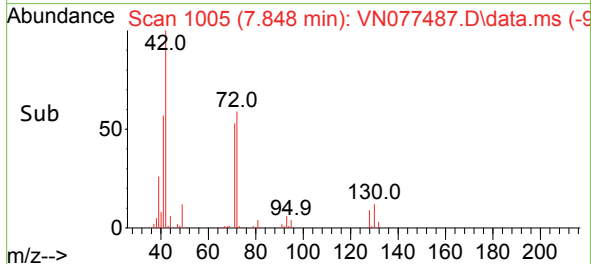
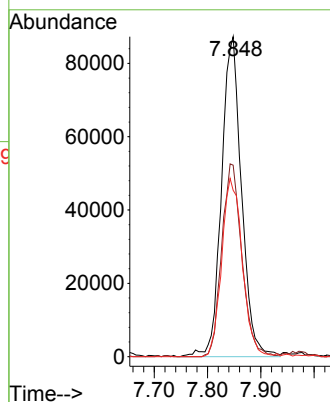
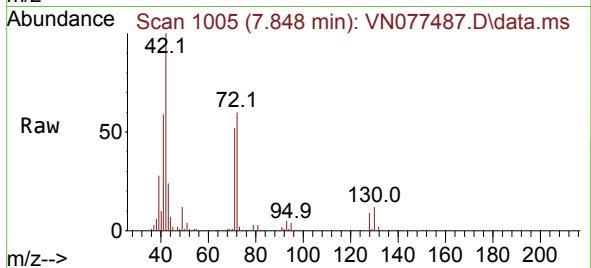
Tgt Ion: 42 Resp: 228072

Ion Ratio Lower Upper

42 100

72 60.5 49.8 74.6

71 57.2 47.4 71.2



#30

Chloroform

Concen: 18.838 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077487.D

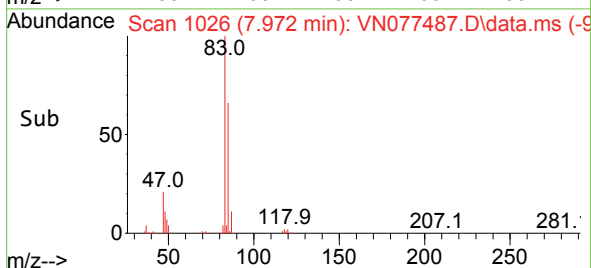
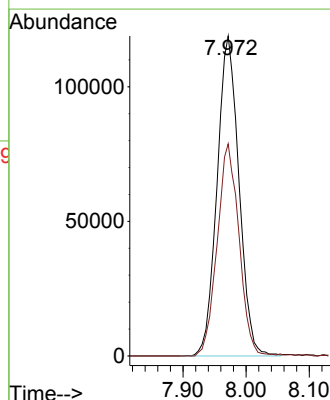
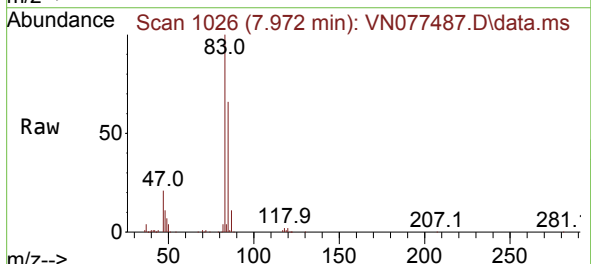
Acq: 27 Apr 2023 10:37

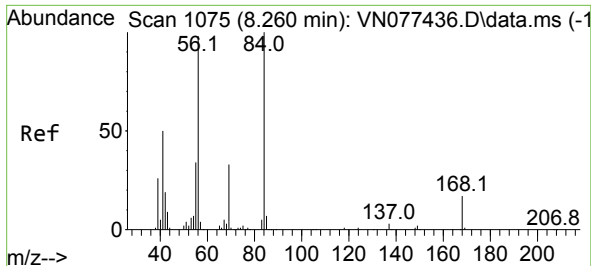
Tgt Ion: 83 Resp: 285604

Ion Ratio Lower Upper

83 100

85 66.3 55.4 83.0

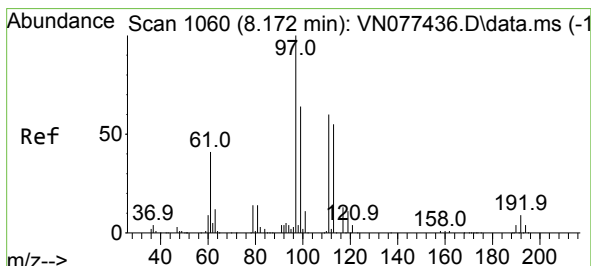
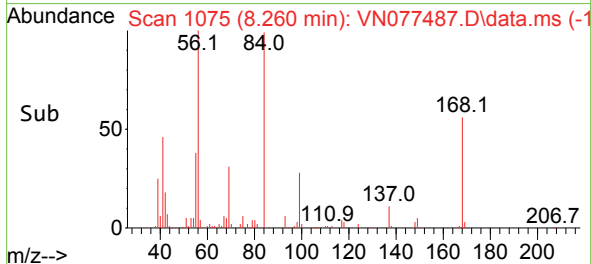
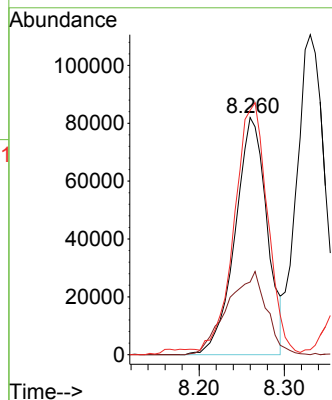
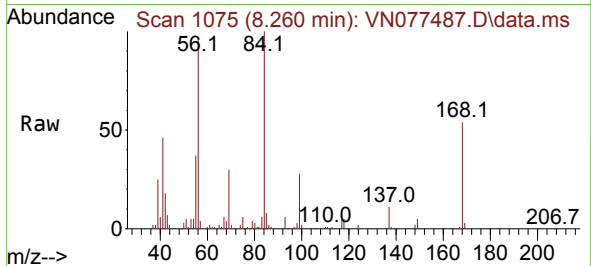




#31
Cyclohexane
Concen: 17.325 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

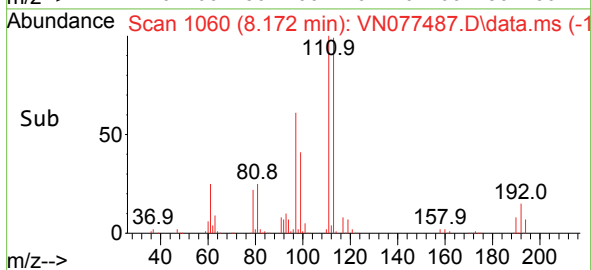
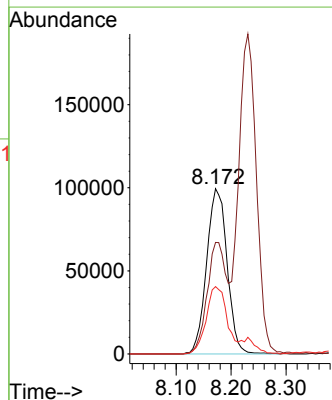
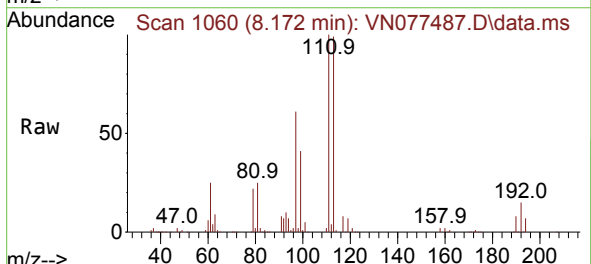
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

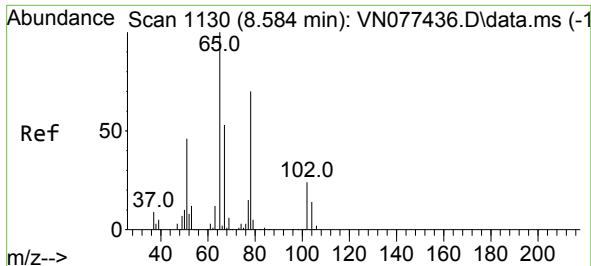
Tgt Ion: 56 Resp: 213743
Ion Ratio Lower Upper
56 100
69 30.7 26.8 40.2
84 100.8 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 18.493 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 97 Resp: 257771
Ion Ratio Lower Upper
97 100
99 62.4 50.3 75.5
61 41.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.921 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

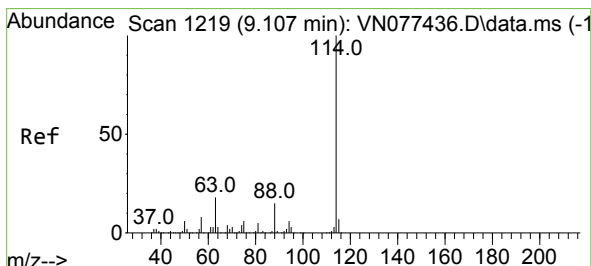
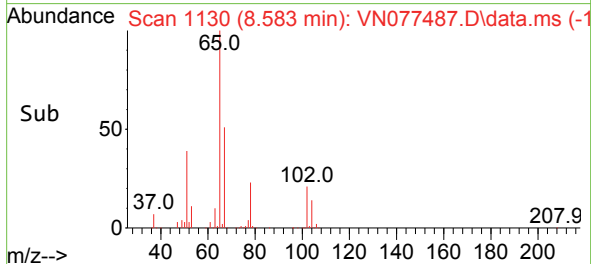
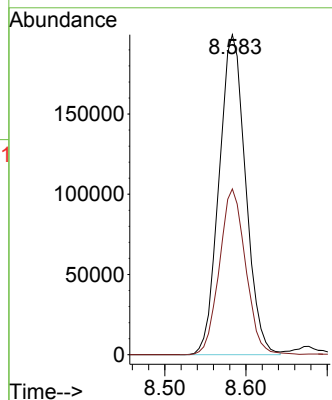
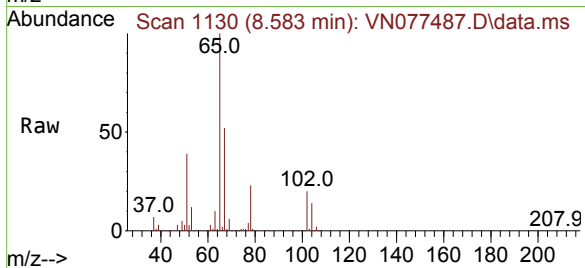
VN0427WBS01

Tgt Ion: 65 Resp: 452184

Ion Ratio Lower Upper

65 100

67 51.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

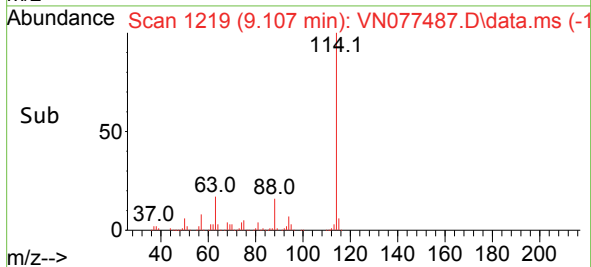
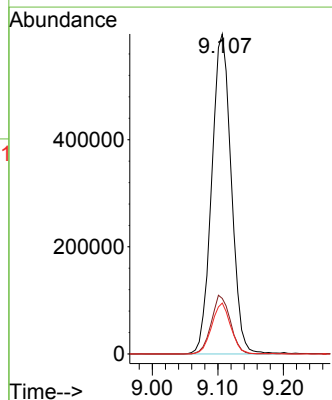
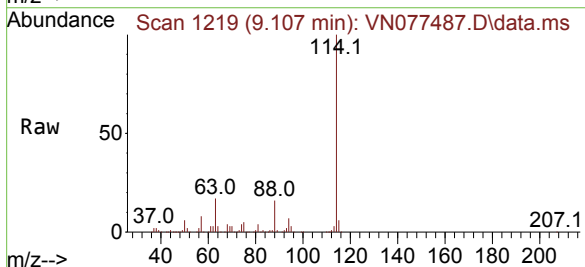
Tgt Ion: 114 Resp: 1233080

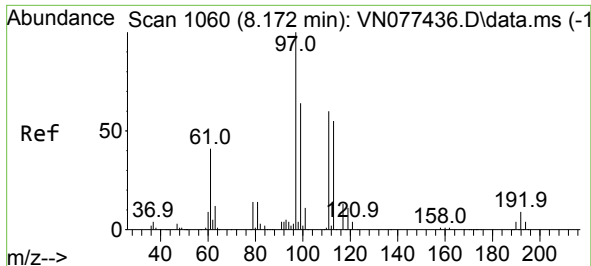
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.4

88 15.9 0.0 30.6

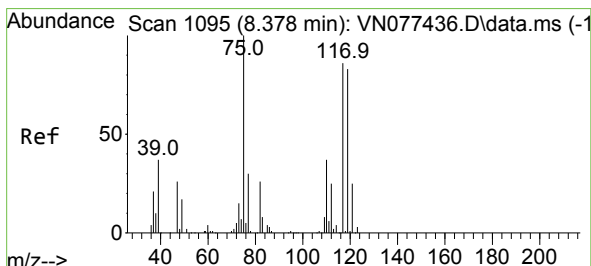
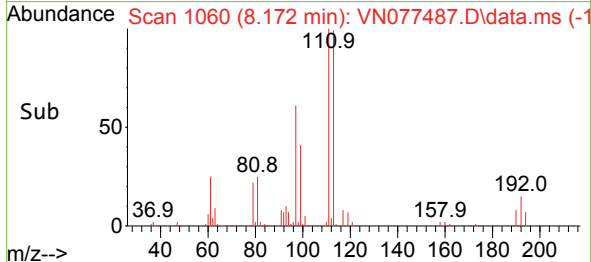
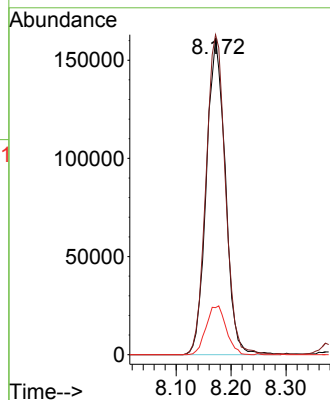
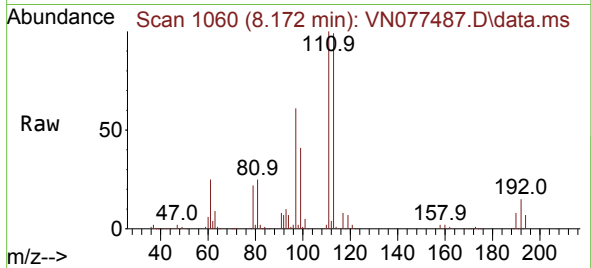




#35
Dibromofluoromethane
Concen: 52.140 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

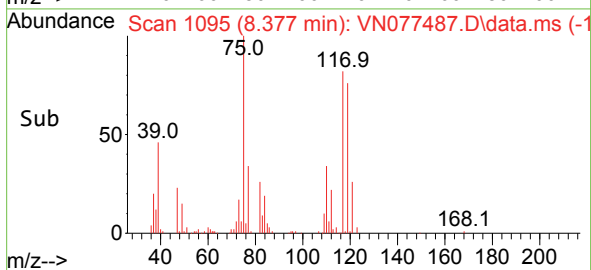
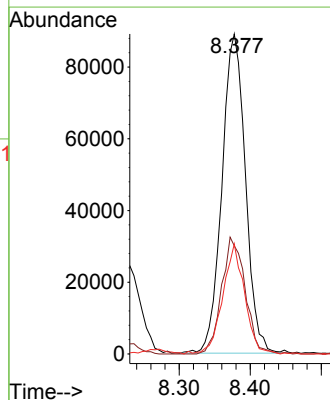
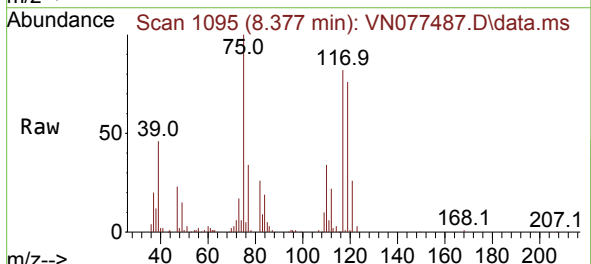
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

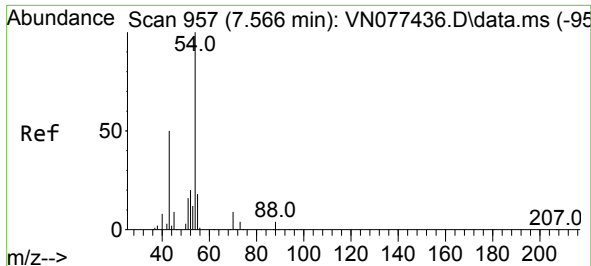
Tgt Ion:113 Resp: 386426
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 16.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 19.075 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 75 Resp: 204239
Ion Ratio Lower Upper
75 100
110 36.8 19.1 57.3
77 32.3 25.0 37.4

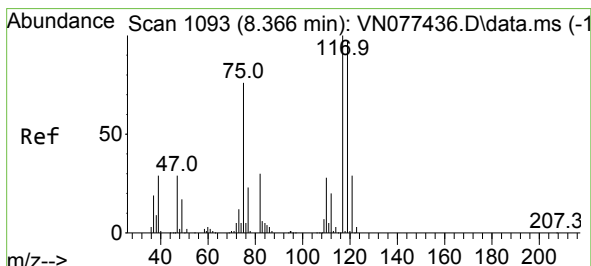
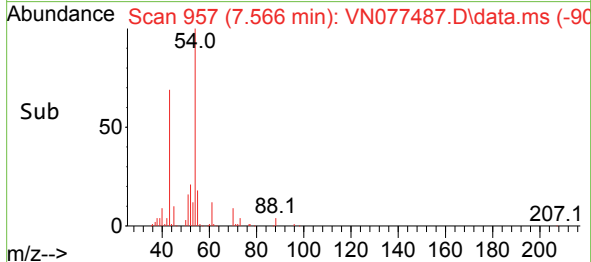
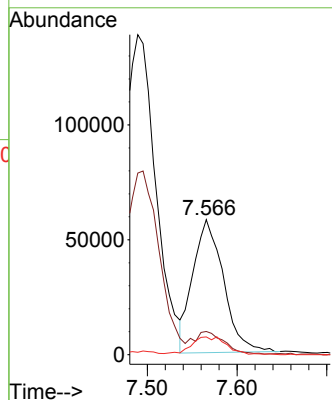
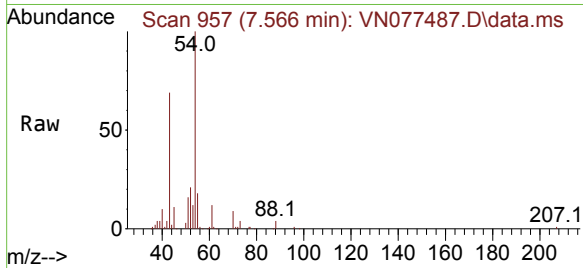




#37
Ethyl Acetate
Concen: 16.899 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

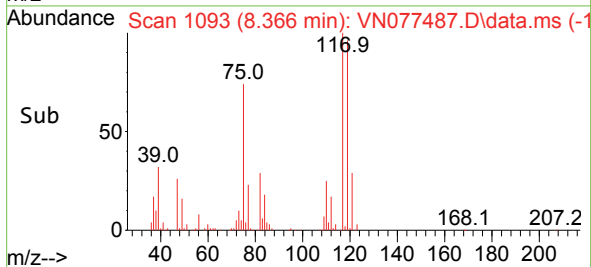
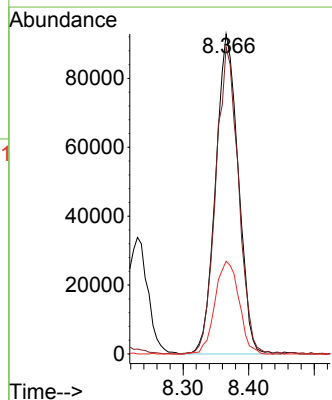
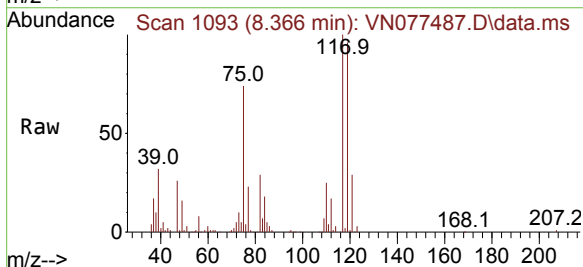
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

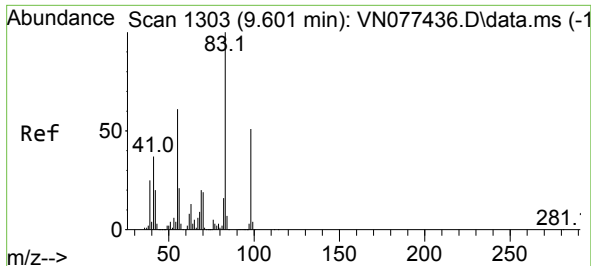
Tgt Ion: 43 Resp: 137495
Ion Ratio Lower Upper
43 100
61 16.6 13.2 19.8
70 15.6 11.3 16.9



#38
Carbon Tetrachloride
Concen: 18.850 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 117 Resp: 222692
Ion Ratio Lower Upper
117 100
119 95.9 77.3 115.9
121 29.0 23.3 34.9





#39

Methylcyclohexane

Concen: 18.201 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

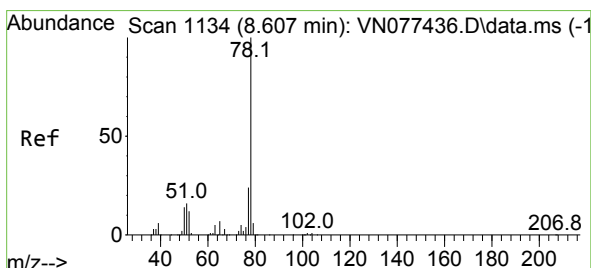
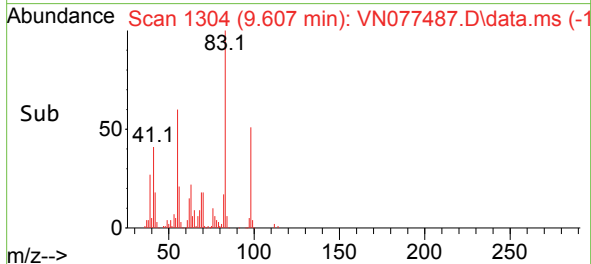
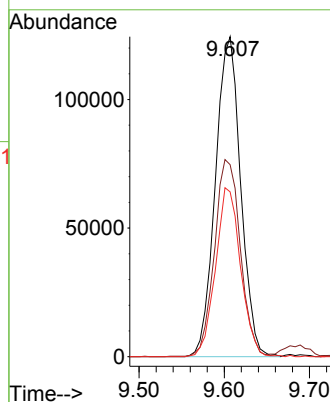
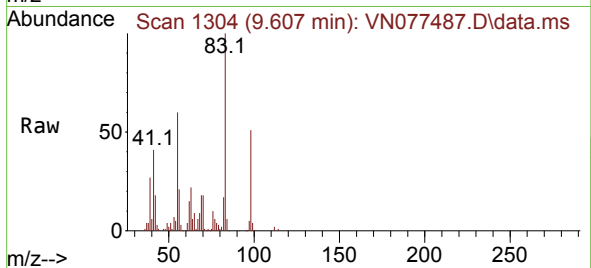
Tgt Ion: 83 Resp: 256758

Ion Ratio Lower Upper

83 100

55 59.9 49.1 73.7

98 51.5 40.6 61.0



#40

Benzene

Concen: 18.654 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077487.D

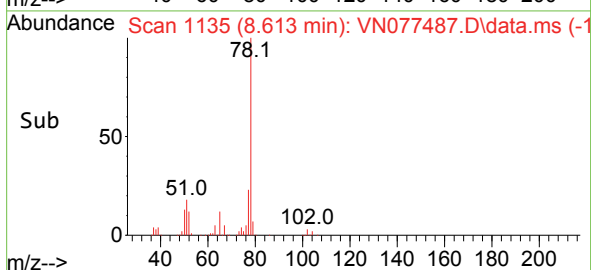
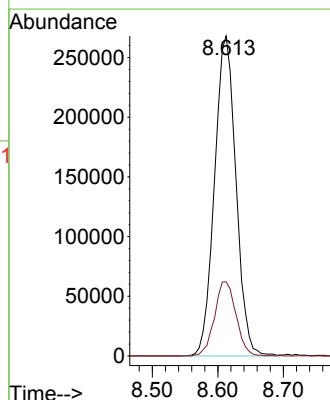
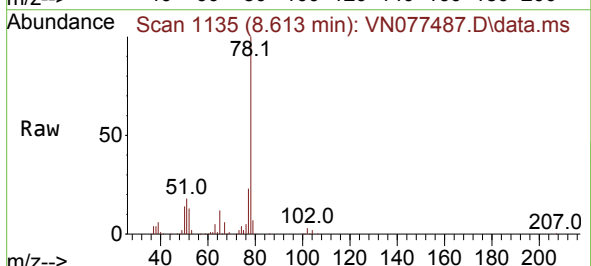
Acq: 27 Apr 2023 10:37

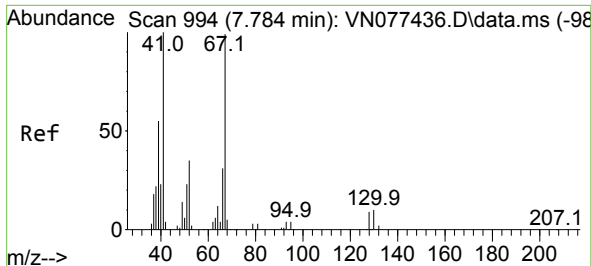
Tgt Ion: 78 Resp: 608462

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

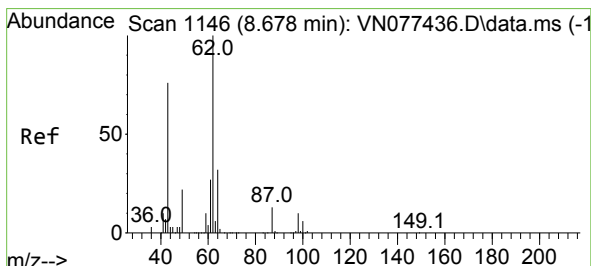
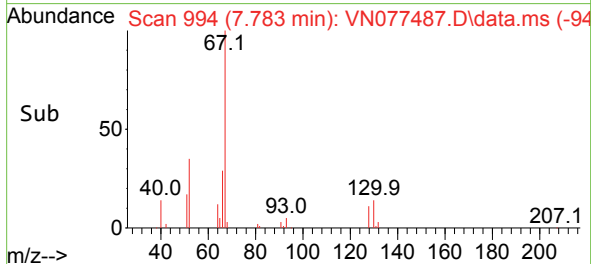
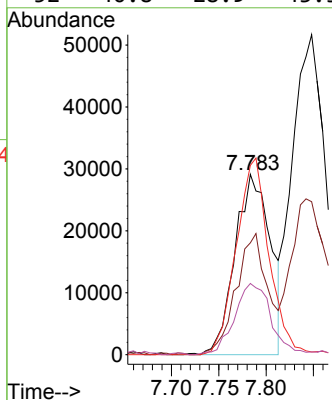
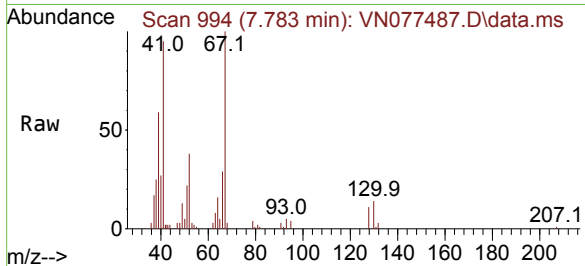




#41
Methacrylonitrile
Concen: 17.860 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

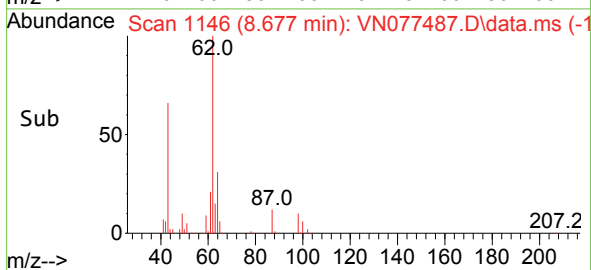
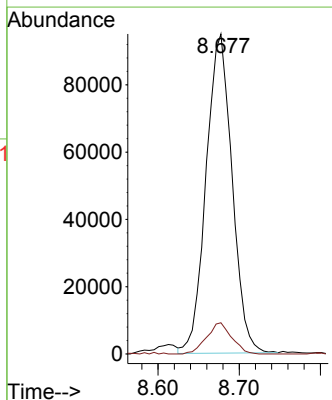
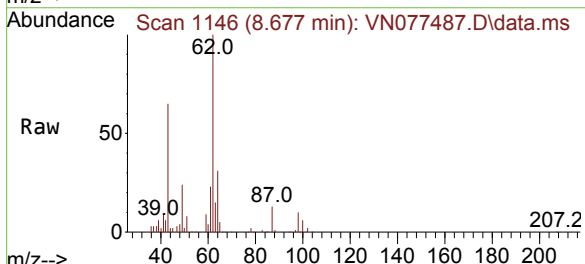
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

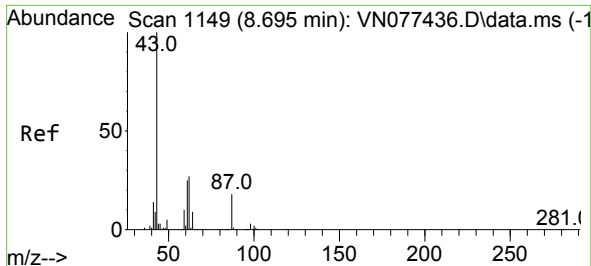
Tgt Ion:	41	Resp:	75685
Ion	Ratio	Lower	Upper
41	100		
39	59.8	42.6	64.0
67	101.9	77.5	116.3
52	40.8	28.9	43.3



#42
1,2-Dichloroethane
Concen: 18.847 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion:	62	Resp:	211150
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8

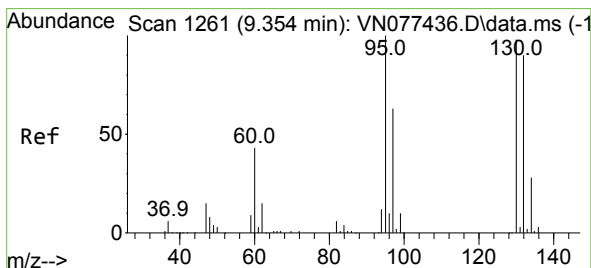
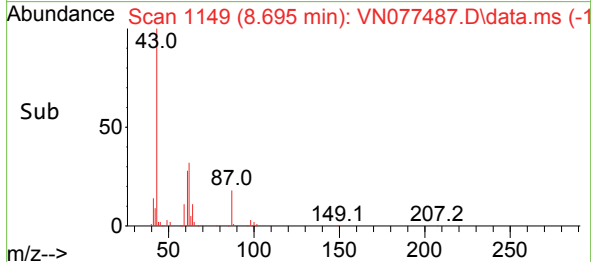
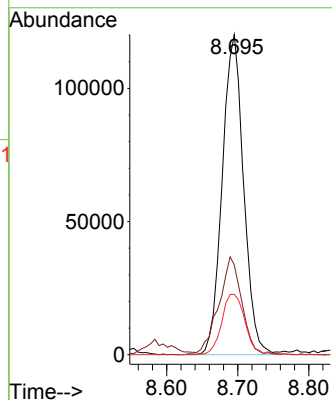
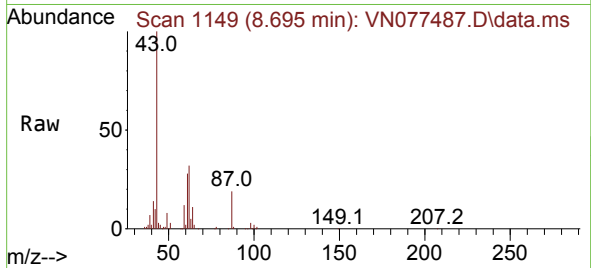




#43
Isopropyl Acetate
Concen: 17.853 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

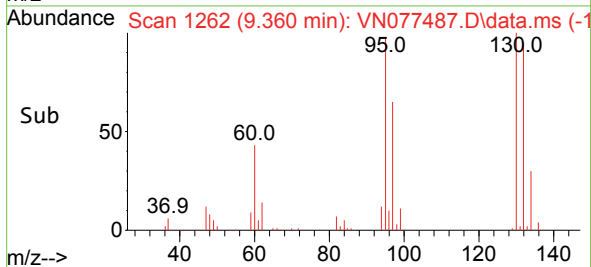
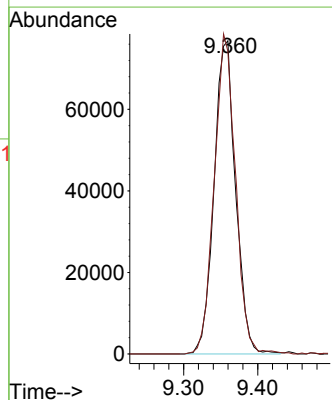
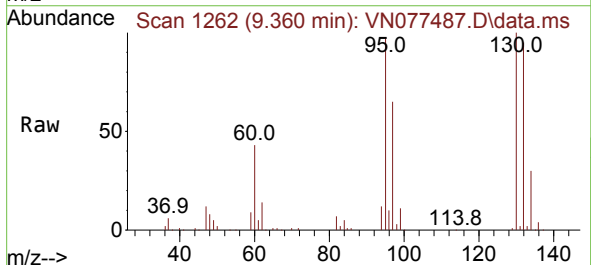
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

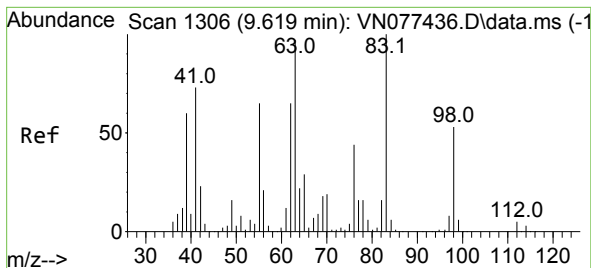
Tgt Ion: 43 Resp: 251301
Ion Ratio Lower Upper
43 100
61 32.9 24.7 37.1
87 20.4 14.6 21.8



#44
Trichloroethene
Concen: 18.597 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion:130 Resp: 155313
Ion Ratio Lower Upper
130 100
95 96.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 18.660 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

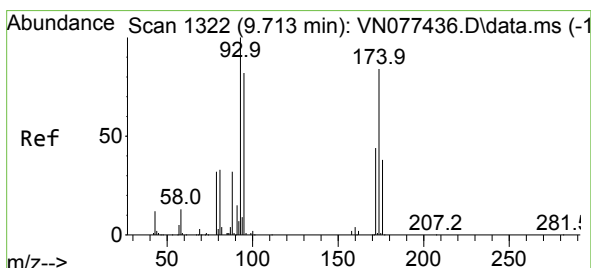
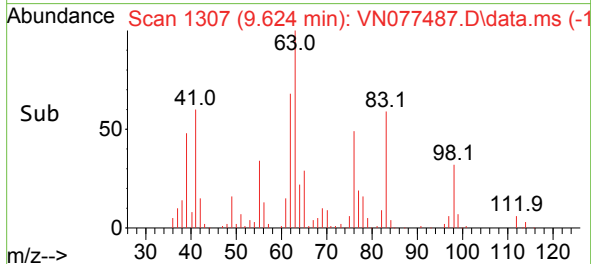
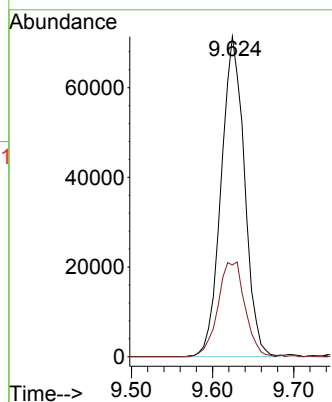
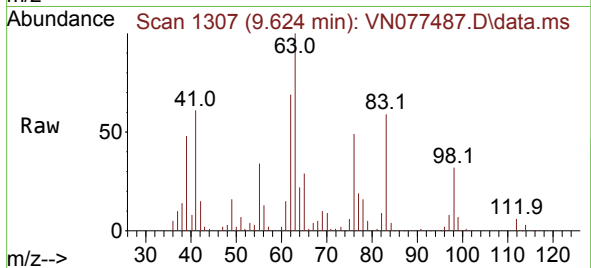
VN0427WBS01

Tgt Ion: 63 Resp: 142574

Ion Ratio Lower Upper

63 100

65 28.6 23.9 35.9



#46

Dibromomethane

Concen: 17.789 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

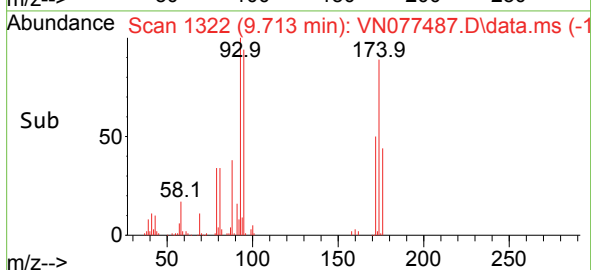
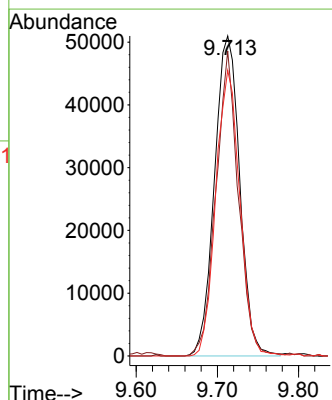
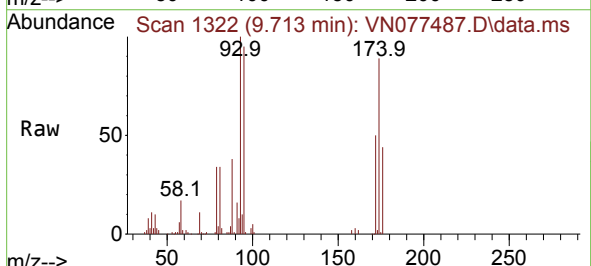
Tgt Ion: 93 Resp: 110289

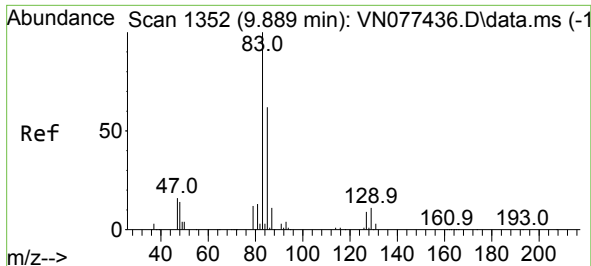
Ion Ratio Lower Upper

93 100

95 85.1 63.8 95.8

174 85.1 65.6 98.4

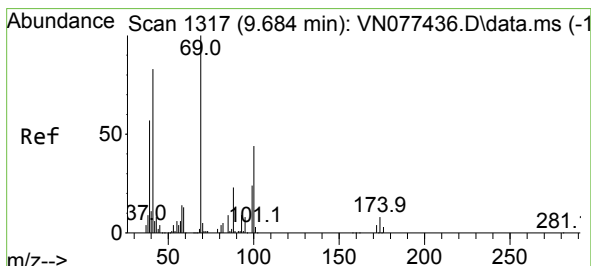
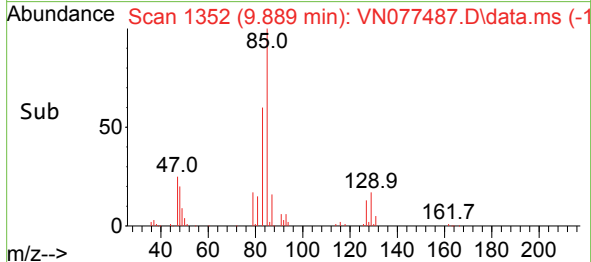
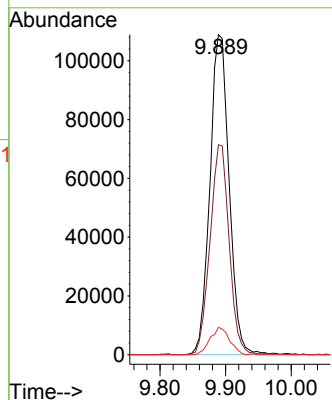
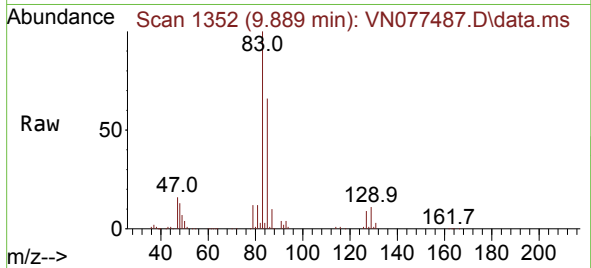




#47
Bromodichloromethane
Concen: 18.490 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

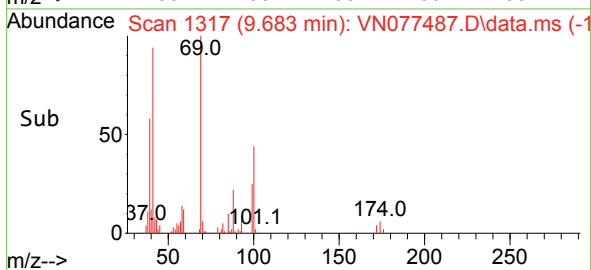
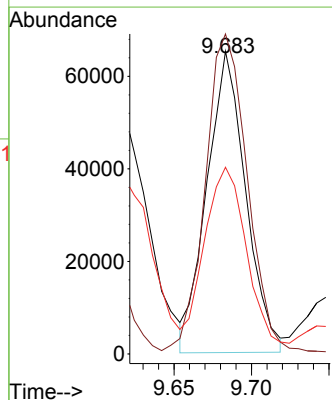
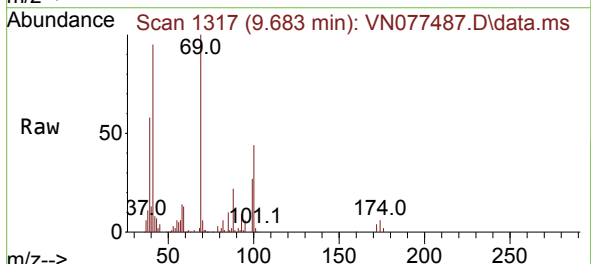
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

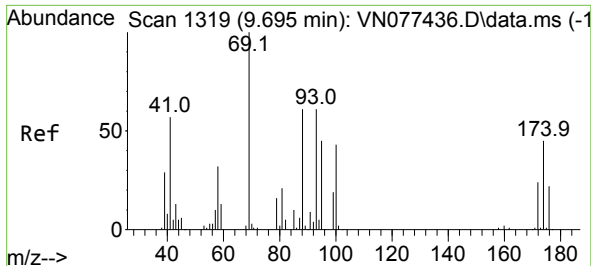
Tgt Ion: 83 Resp: 221741
Ion Ratio Lower Upper
83 100
85 65.6 49.6 74.4
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 17.682 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 41 Resp: 113291
Ion Ratio Lower Upper
41 100
69 114.4 90.4 135.6
39 69.0 54.6 81.8





#49

1,4-Dioxane

Concen: 380.473 ug/l

RT: 9.695 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

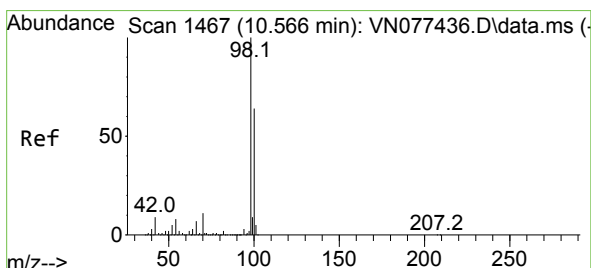
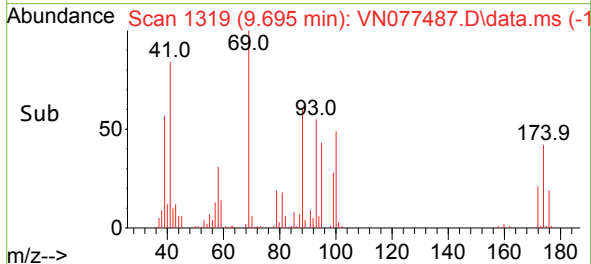
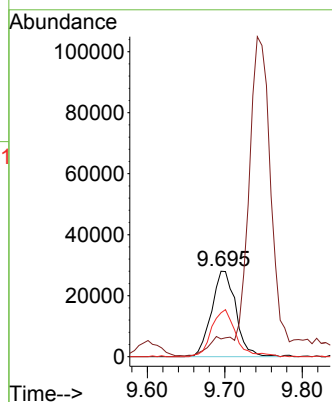
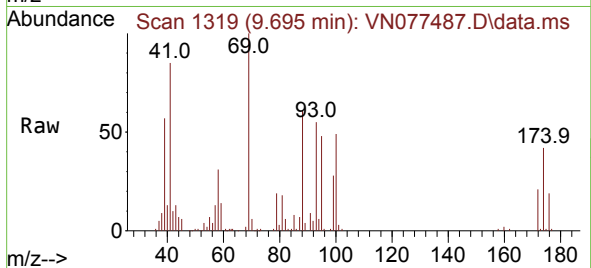
Tgt Ion: 88 Resp: 61147

Ion Ratio Lower Upper

88 100

43 16.1 17.0 25.6#

58 55.1 47.0 70.4



#50

Toluene-d8

Concen: 53.196 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077487.D

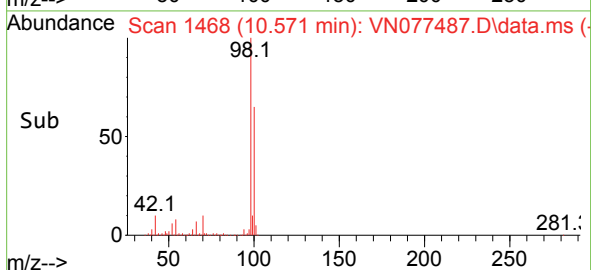
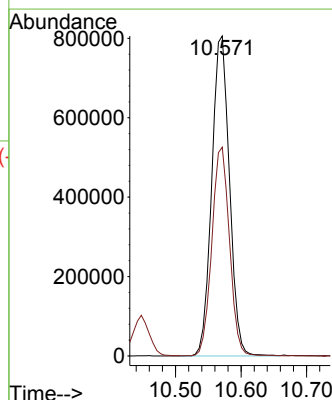
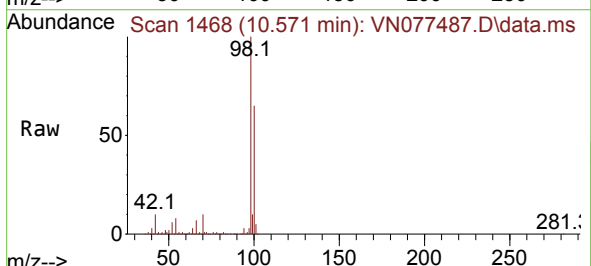
Acq: 27 Apr 2023 10:37

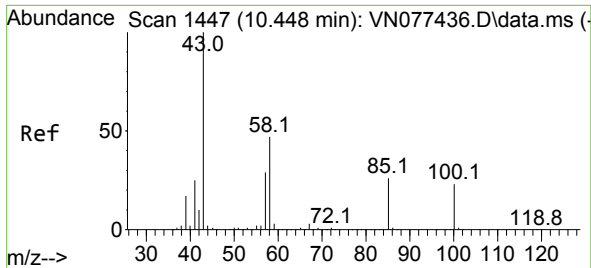
Tgt Ion: 98 Resp: 1511013

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

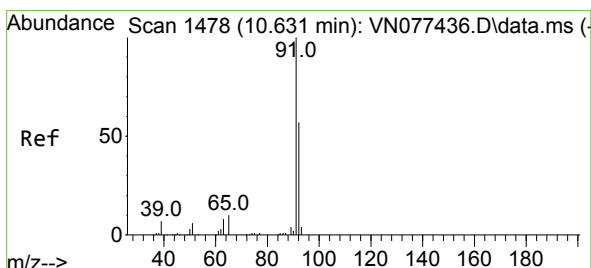
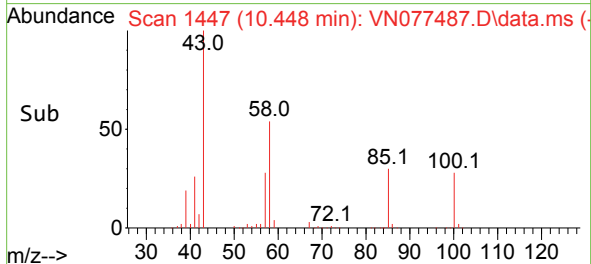
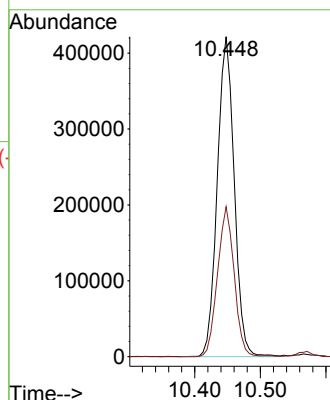
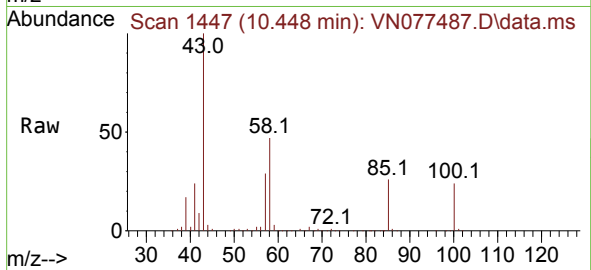




#51
4-Methyl-2-Pentanone
Concen: 91.482 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

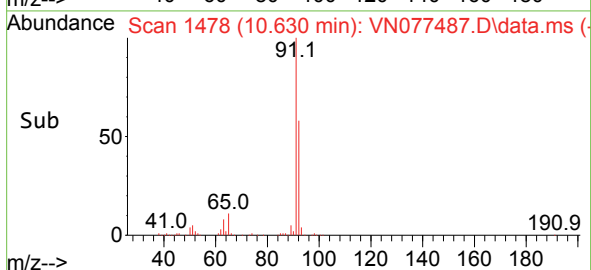
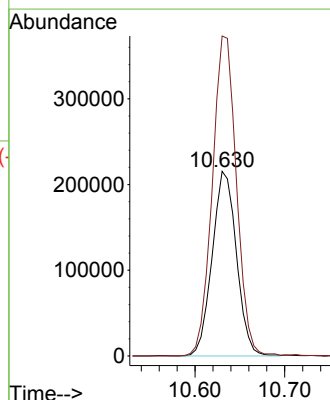
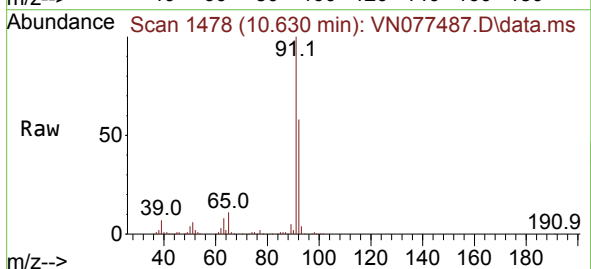
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

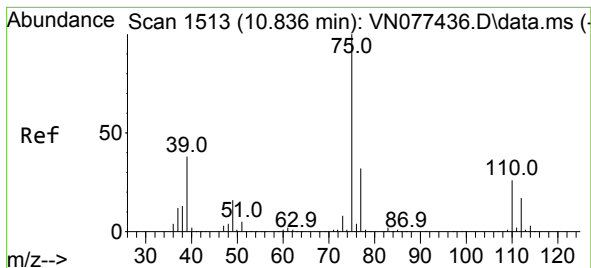
Tgt Ion: 43 Resp: 755285
Ion Ratio Lower Upper
43 100
58 45.9 36.6 54.8



#52
Toluene
Concen: 18.947 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 92 Resp: 404864
Ion Ratio Lower Upper
92 100
91 172.2 137.4 206.0

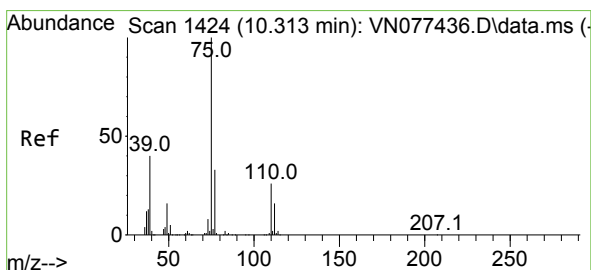
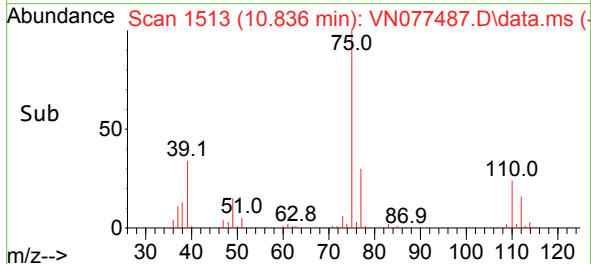
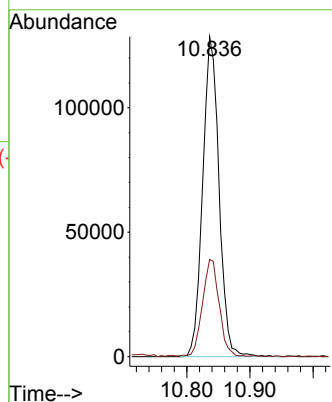
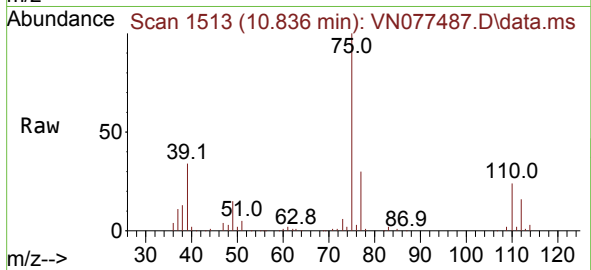




#53
t-1,3-Dichloropropene
Concen: 19.001 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

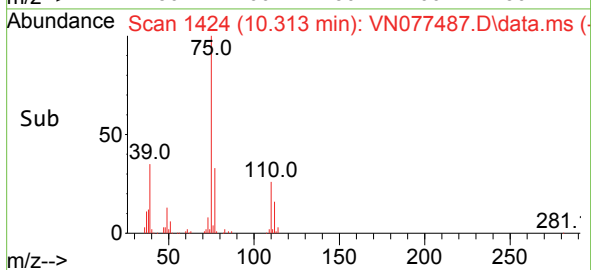
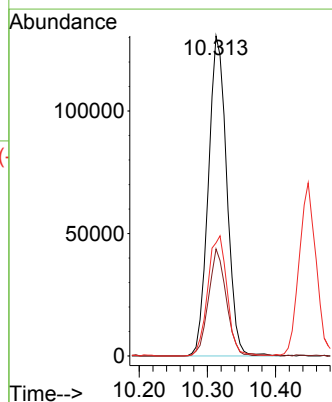
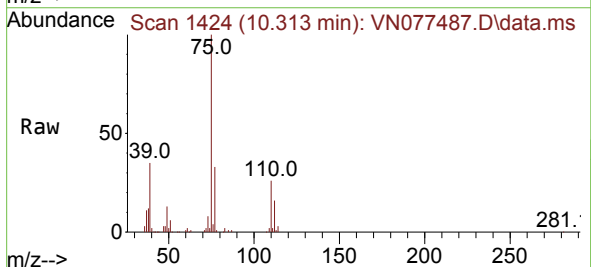
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

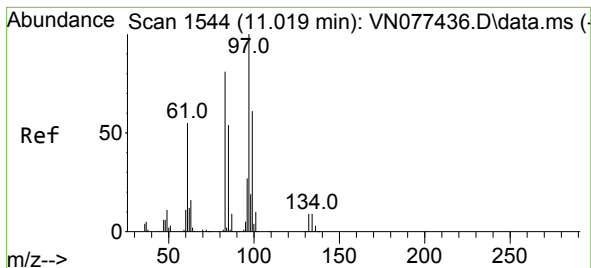
Tgt Ion: 75 Resp: 230738
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 18.603 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 75 Resp: 245889
Ion Ratio Lower Upper
75 100
77 33.5 26.1 39.1
39 35.4 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 18.703 ug/l

RT: 11.018 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

Tgt Ion: 97 Resp: 160709

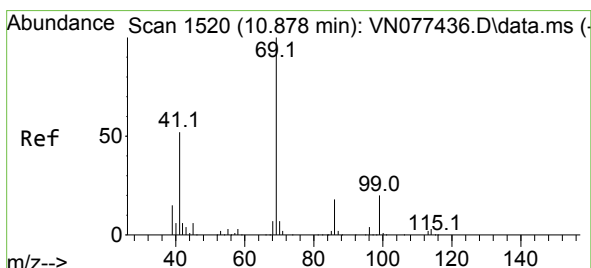
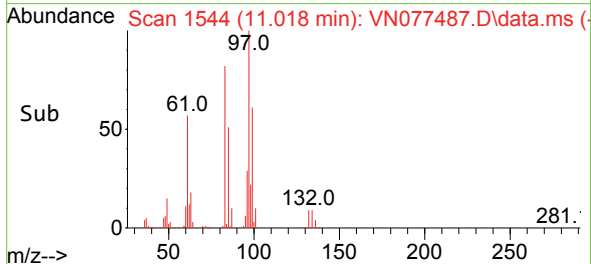
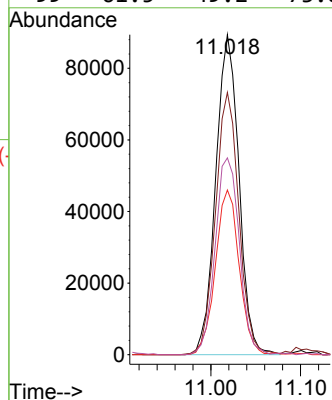
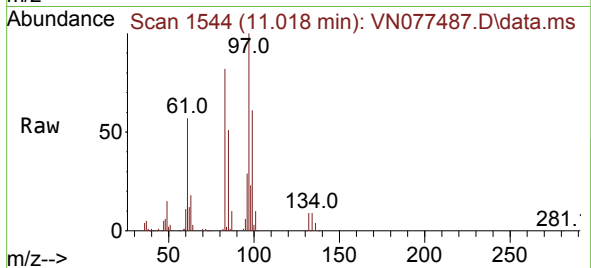
Ion Ratio Lower Upper

97 100

83 82.0 65.1 97.7

85 51.5 43.4 65.2

99 61.5 49.2 73.8



#56

Ethyl methacrylate

Concen: 18.930 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

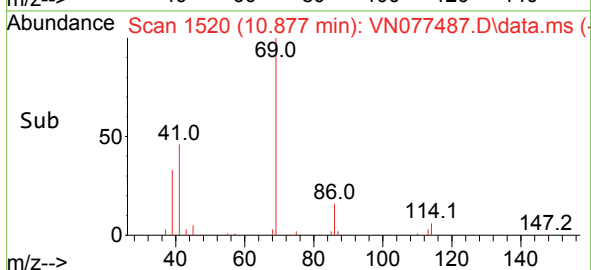
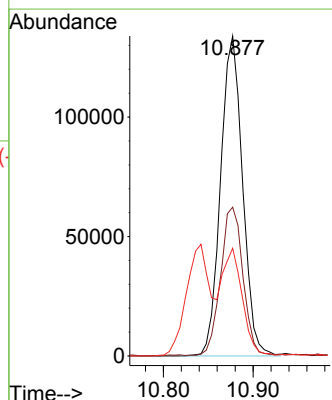
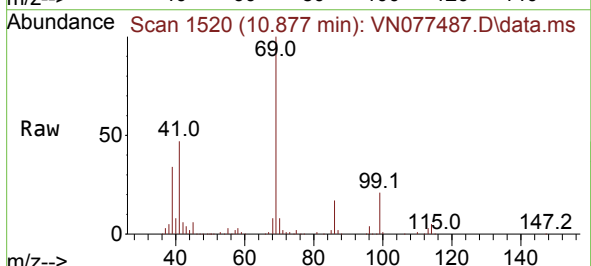
Tgt Ion: 69 Resp: 227930

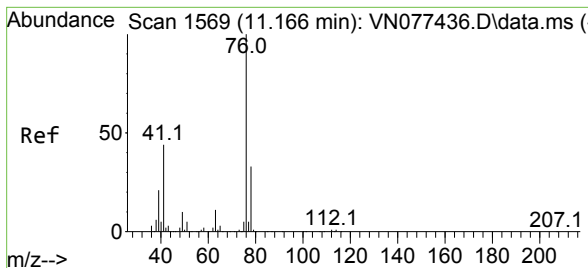
Ion Ratio Lower Upper

69 100

41 47.0 39.6 59.4

39 29.8 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.415 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

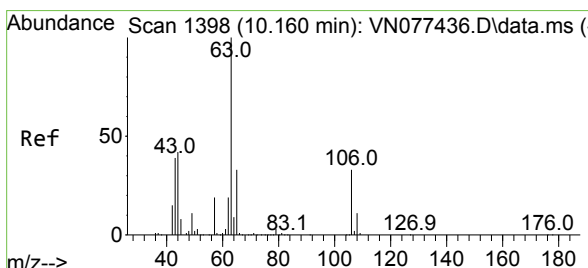
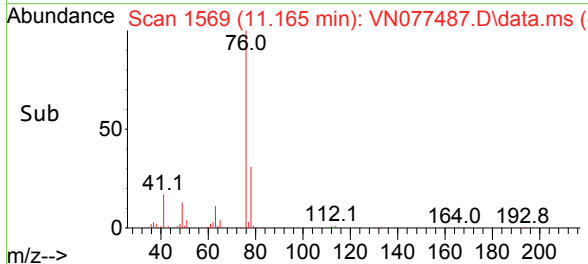
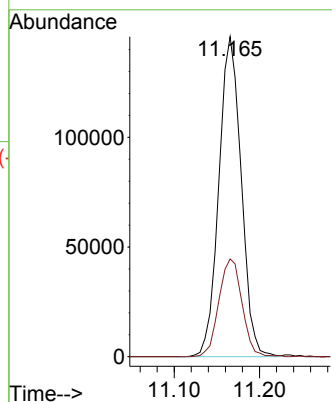
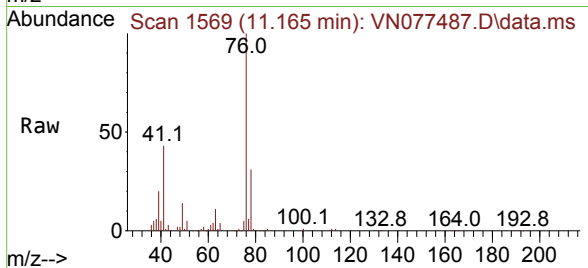
VN0427WBS01

Tgt Ion: 76 Resp: 265742

Ion Ratio Lower Upper

76 100

78 31.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 100.314 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077487.D

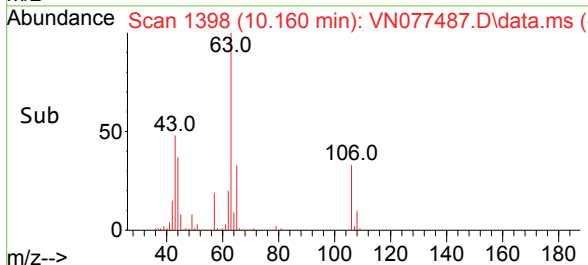
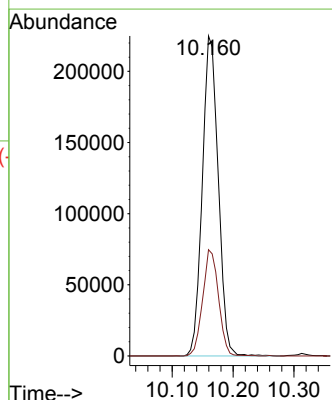
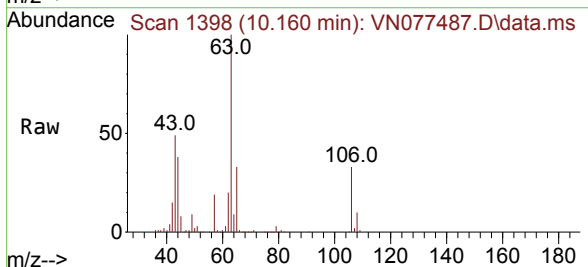
Acq: 27 Apr 2023 10:37

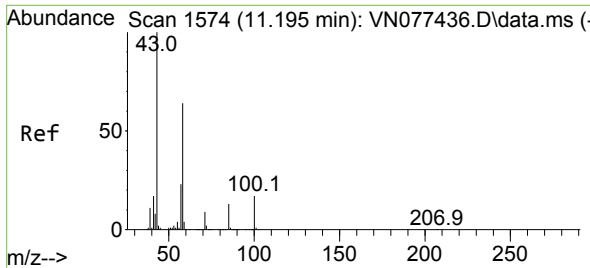
Tgt Ion: 63 Resp: 408532

Ion Ratio Lower Upper

63 100

106 33.0 26.2 39.4

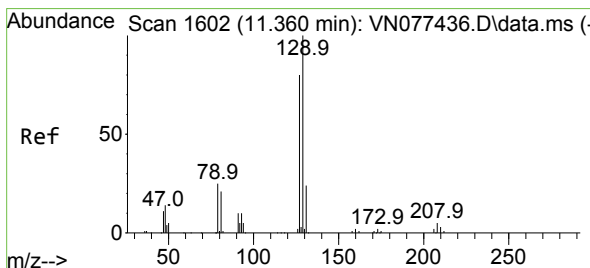
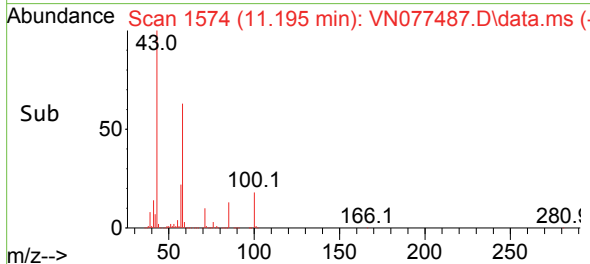
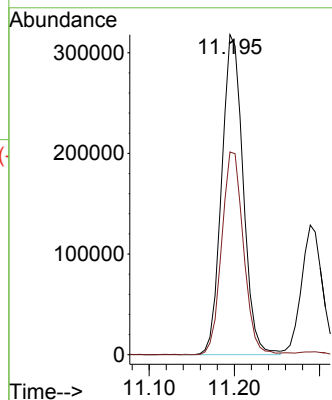
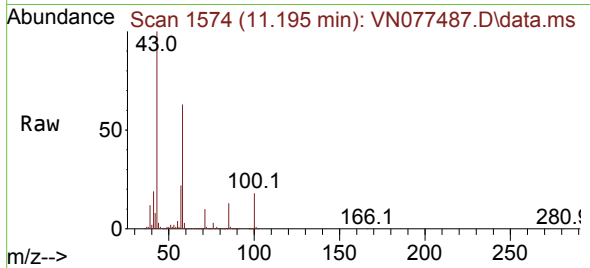




#59
2-Hexanone
Concen: 92.746 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

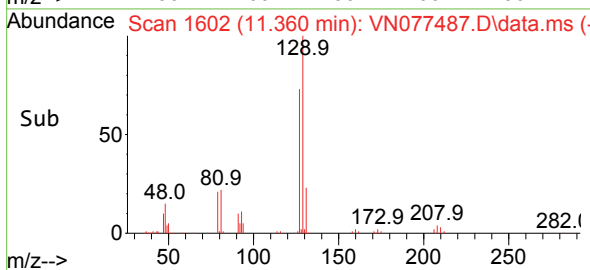
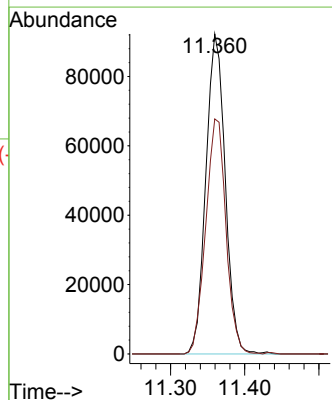
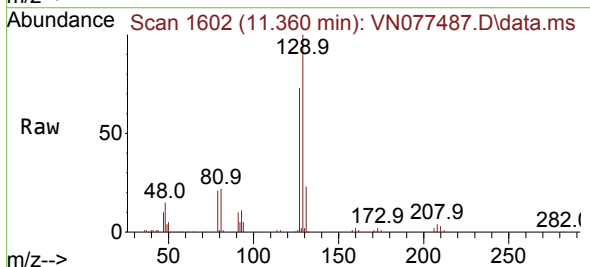
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

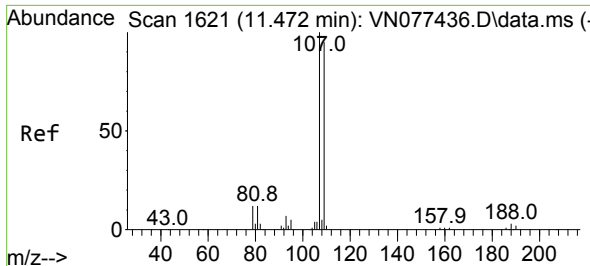
Tgt Ion: 43 Resp: 556595
Ion Ratio Lower Upper
43 100
58 64.3 31.7 95.1



#60
Dibromochloromethane
Concen: 18.772 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 129 Resp: 167411
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

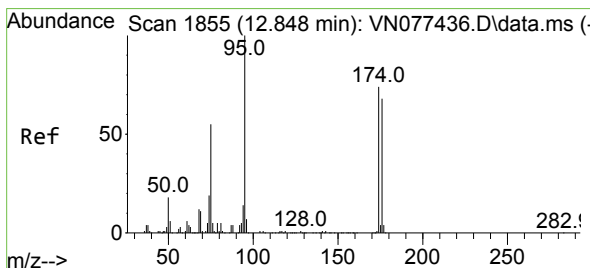
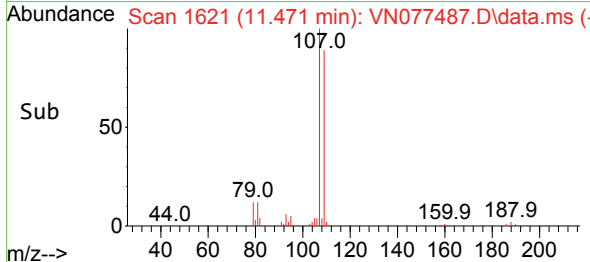
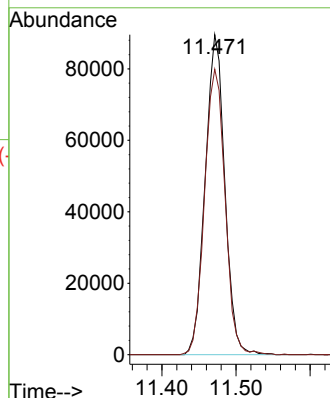
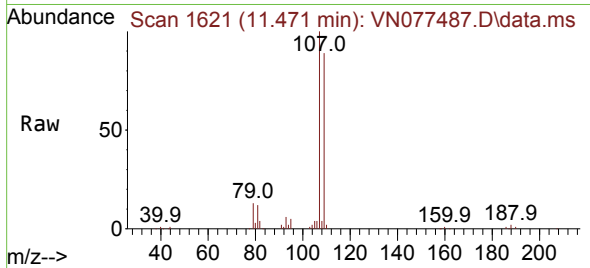




#61
1,2-Dibromoethane
Concen: 18.756 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

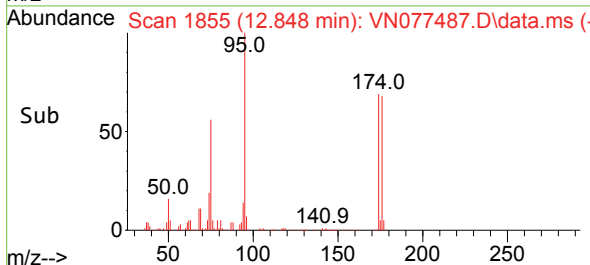
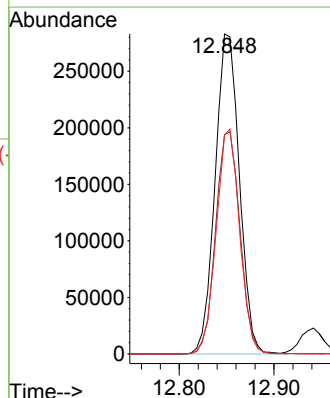
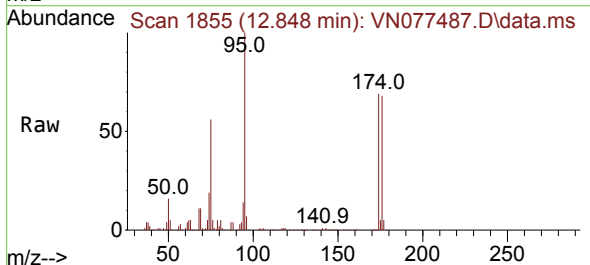
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

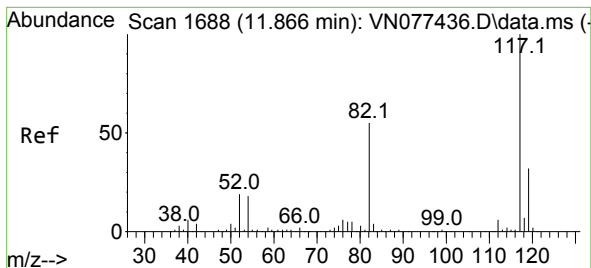
Tgt Ion:107 Resp: 164538
Ion Ratio Lower Upper
107 100
109 93.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 54.264 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 95 Resp: 504289
Ion Ratio Lower Upper
95 100
174 69.6 0.0 143.8
176 67.8 0.0 135.8

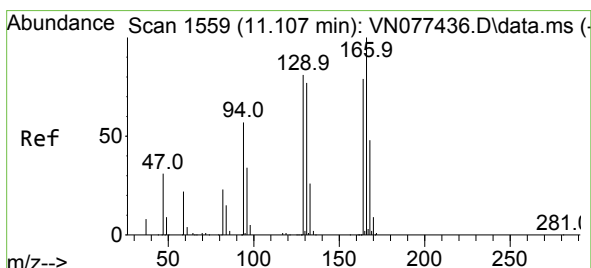
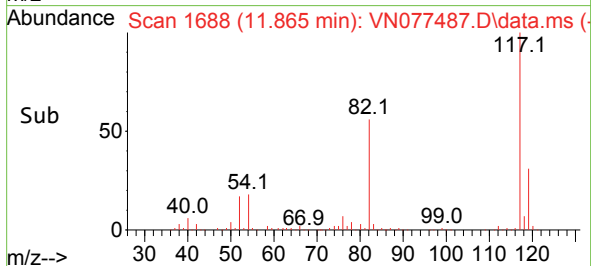
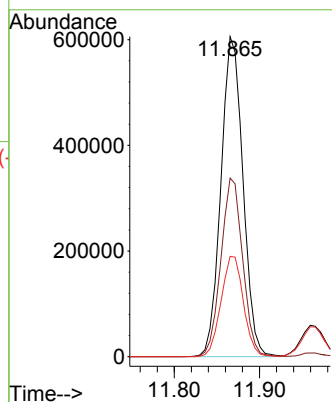
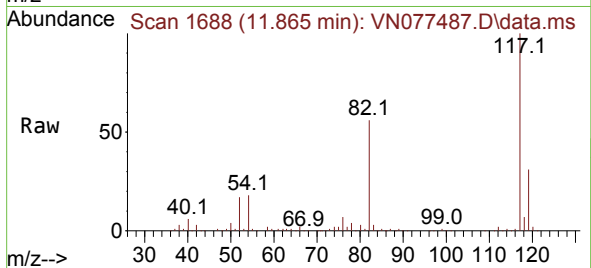




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

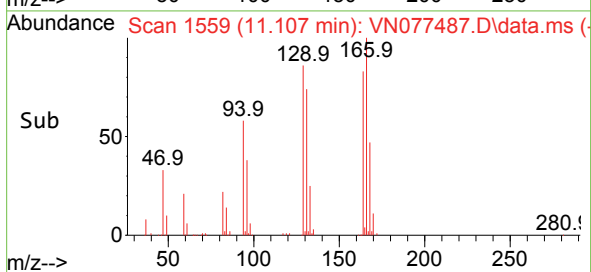
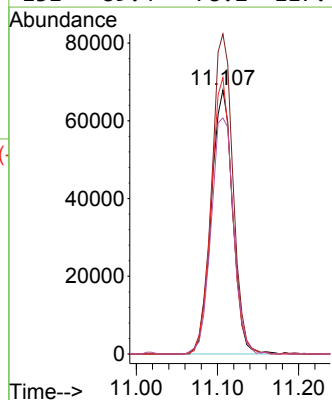
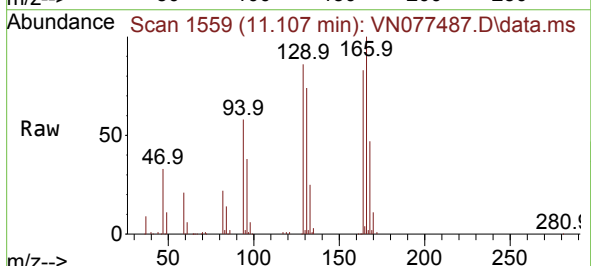
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

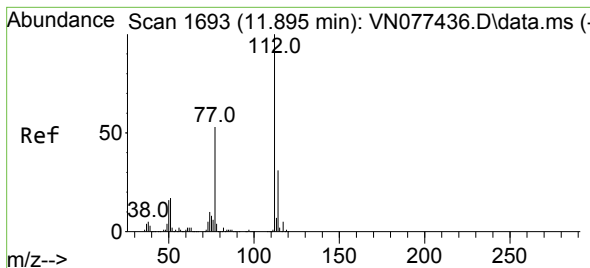
Tgt Ion:117 Resp: 1085956
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 31.3 25.6 38.4



#64
Tetrachloroethene
Concen: 19.075 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion:164 Resp: 124002
Ion Ratio Lower Upper
164 100
166 121.2 101.4 152.0
129 104.6 82.4 123.6
131 89.4 78.2 117.4





#65

Chlorobenzene

Concen: 18.584 ug/l

RT: 11.895 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

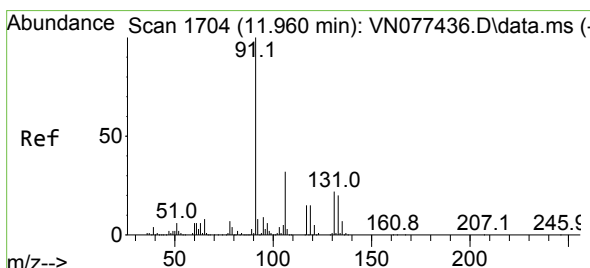
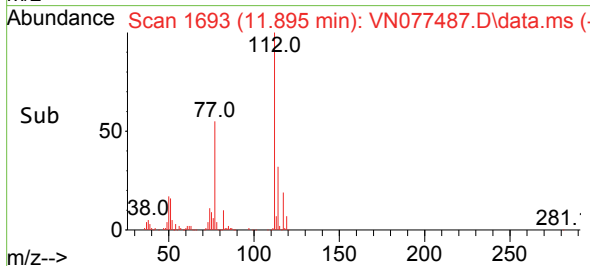
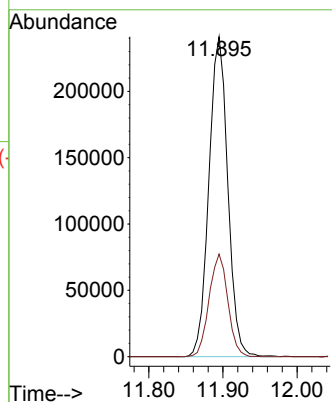
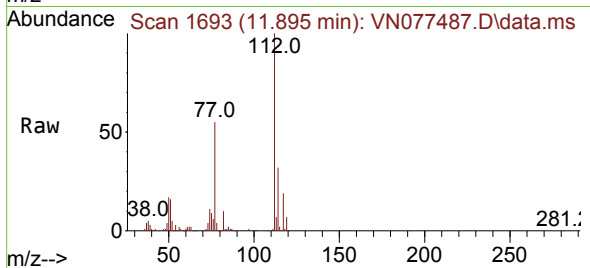
VN0427WBS01

Tgt Ion:112 Resp: 427059

Ion Ratio Lower Upper

112 100

114 32.0 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 18.836 ug/l

RT: 11.965 min Scan# 1705

Delta R.T. 0.006 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

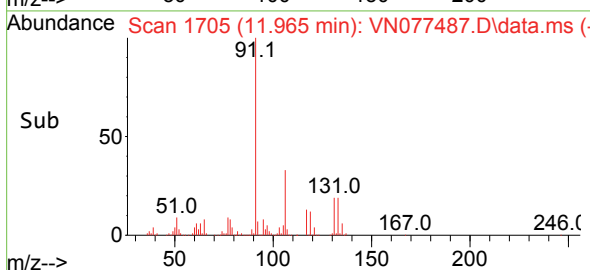
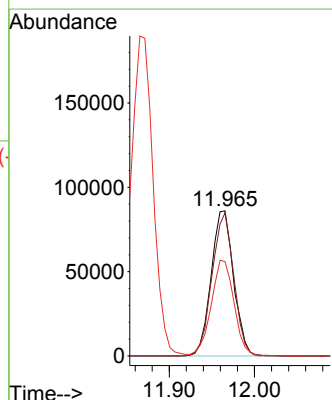
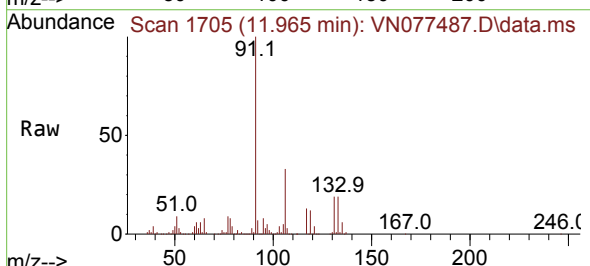
Tgt Ion:131 Resp: 157482

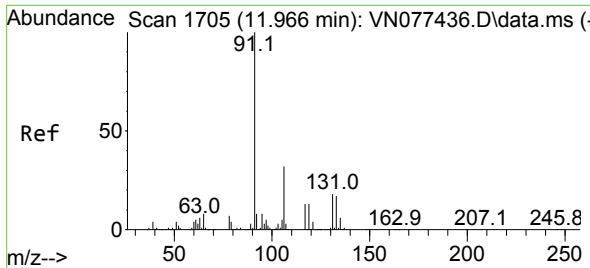
Ion Ratio Lower Upper

131 100

133 95.6 46.4 139.1

119 67.0 34.1 102.2

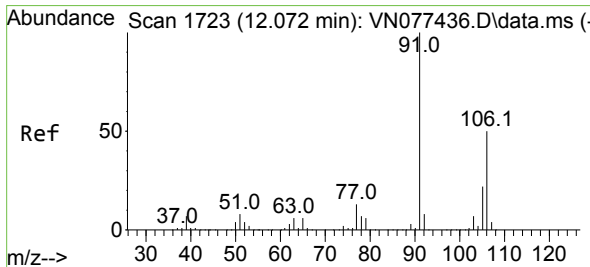
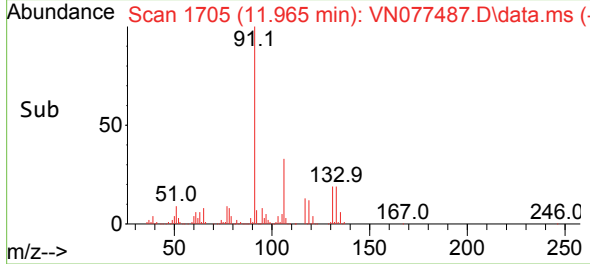
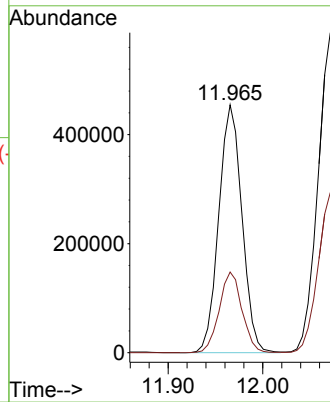
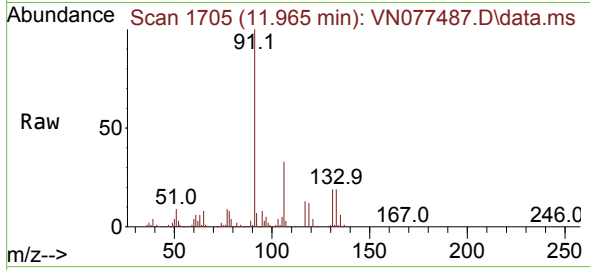




#67
Ethyl Benzene
Concen: 19.124 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

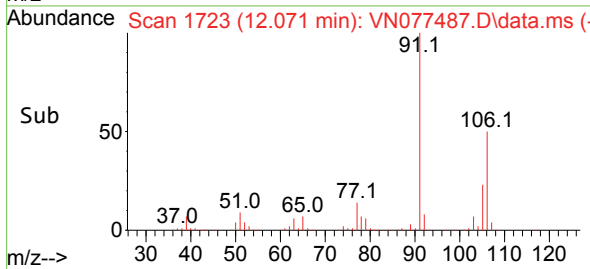
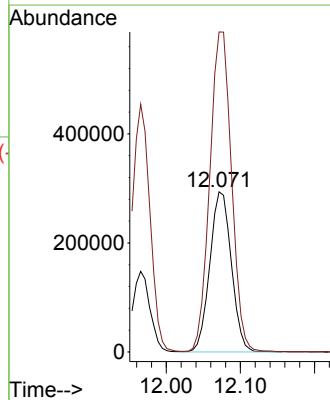
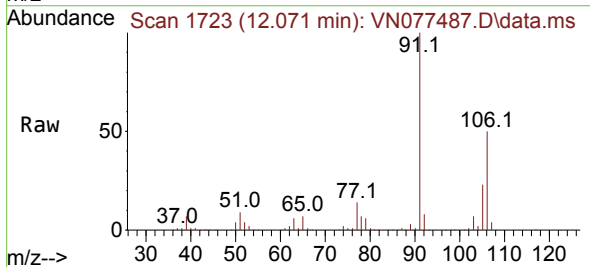
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

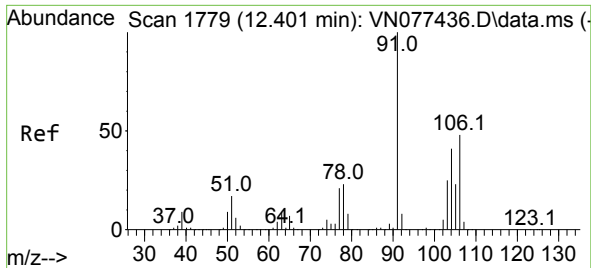
Tgt Ion: 91 Resp: 773641
Ion Ratio Lower Upper
91 100
106 32.5 25.6 38.4



#68
m/p-Xylenes
Concen: 37.787 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion:106 Resp: 594105
Ion Ratio Lower Upper
106 100
91 201.7 159.6 239.4

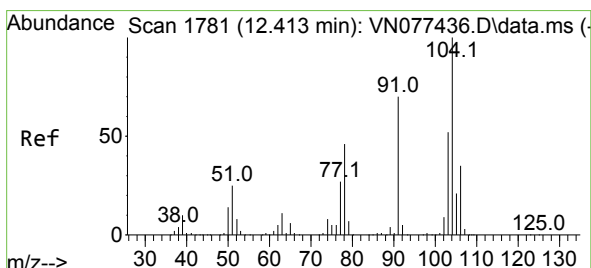
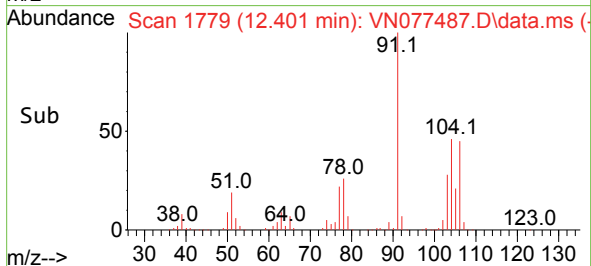
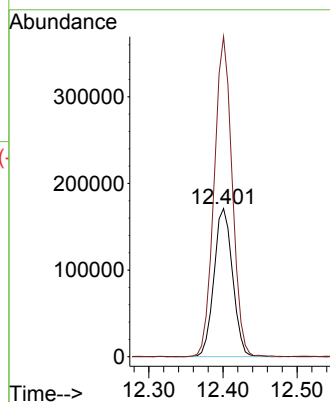
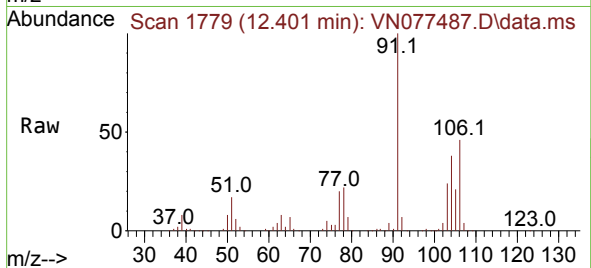




#69
o-Xylene
Concen: 19.252 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

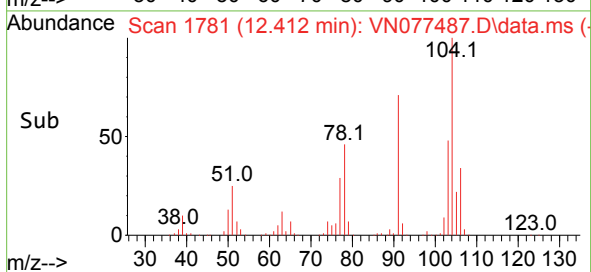
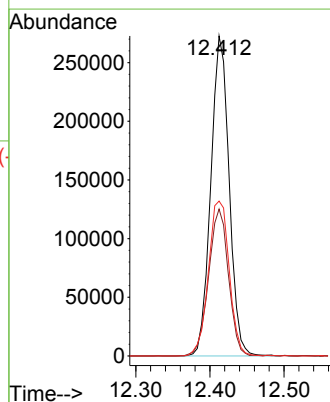
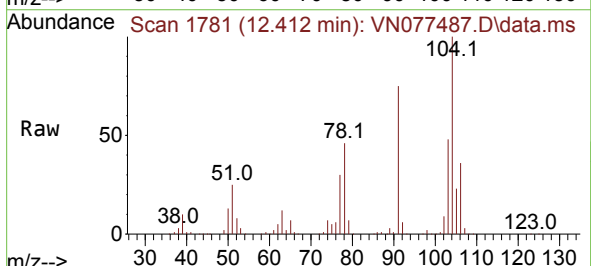
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

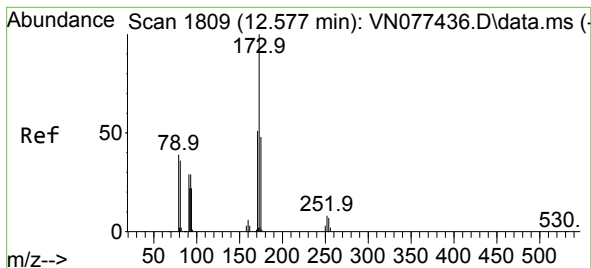
Tgt Ion:106 Resp: 297725
Ion Ratio Lower Upper
106 100
91 210.4 105.2 315.5



#70
Styrene
Concen: 19.395 ug/l
RT: 12.412 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion:104 Resp: 469075
Ion Ratio Lower Upper
104 100
78 49.8 39.5 59.3
103 55.0 43.2 64.8





#71

Bromoform

Concen: 19.306 ug/l

RT: 12.583 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

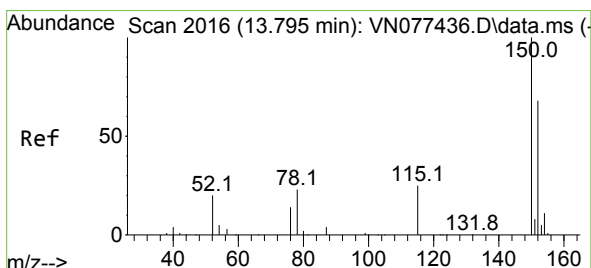
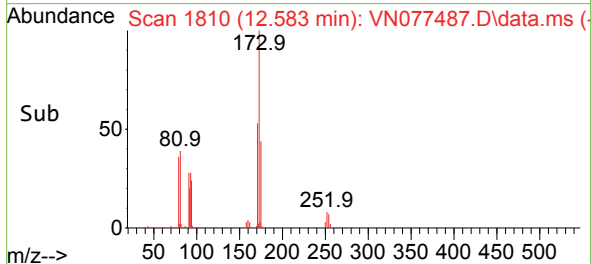
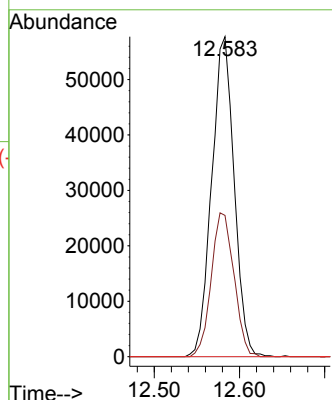
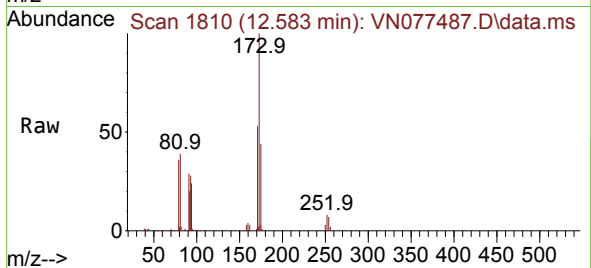
Tgt Ion:173 Resp: 105599

Ion Ratio Lower Upper

173 100

175 45.5 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

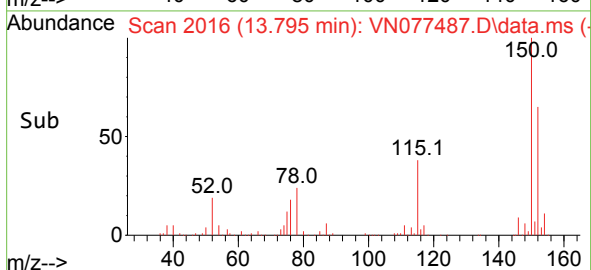
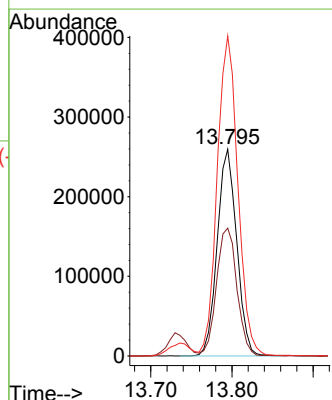
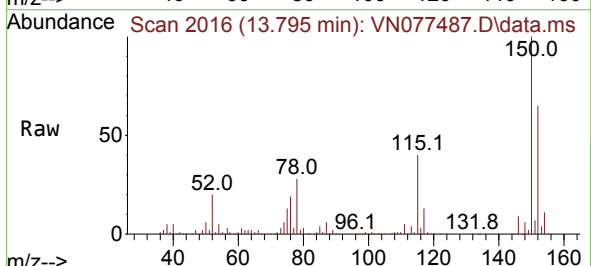
Tgt Ion:152 Resp: 434139

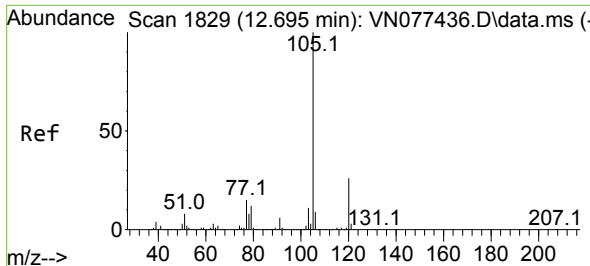
Ion Ratio Lower Upper

152 100

115 64.8 32.3 96.8

150 163.7 0.0 355.8

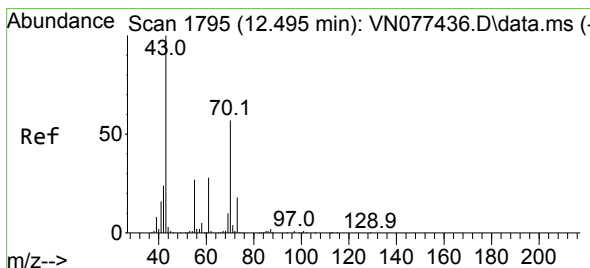
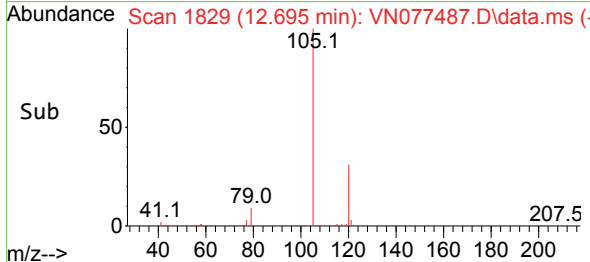
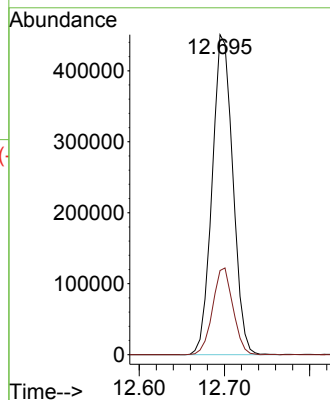
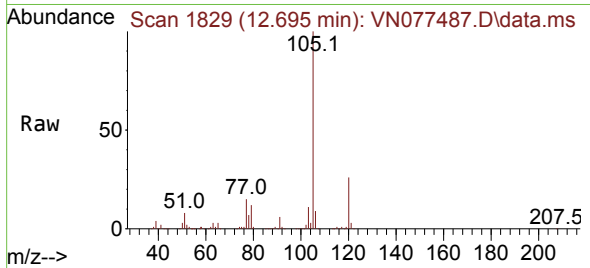




#73
Isopropylbenzene
Concen: 18.912 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

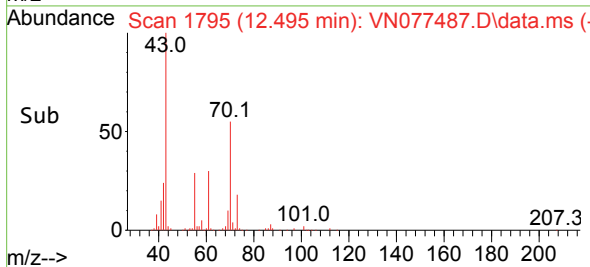
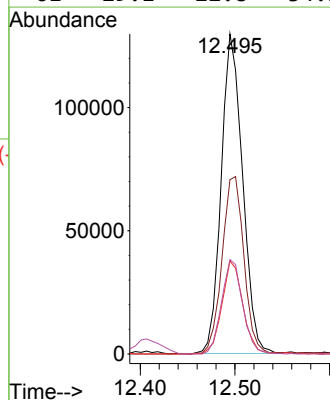
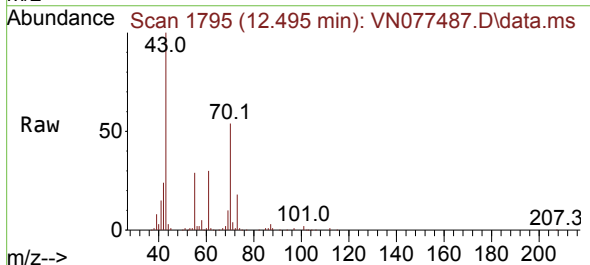
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

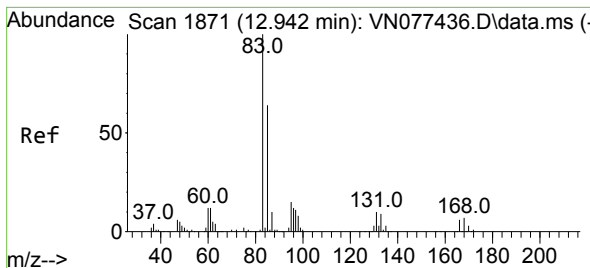
Tgt Ion:105 Resp: 761884
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 17.063 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 43 Resp: 203516
Ion Ratio Lower Upper
43 100
70 57.2 43.4 65.2
55 28.4 21.4 32.0
61 29.1 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.194 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

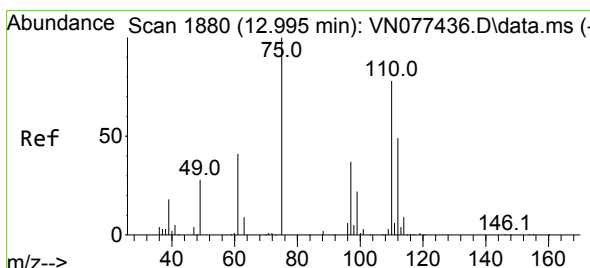
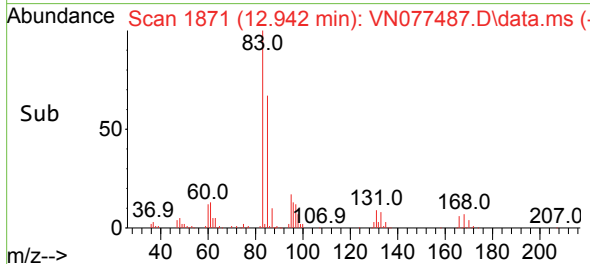
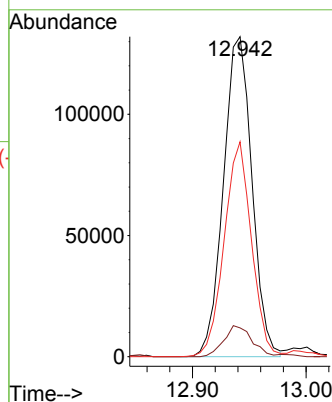
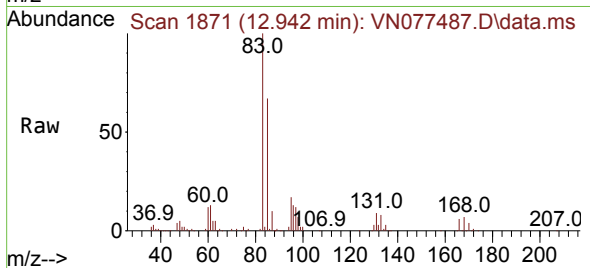
Tgt Ion: 83 Resp: 230302

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

85 64.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 27.208 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN077487.D

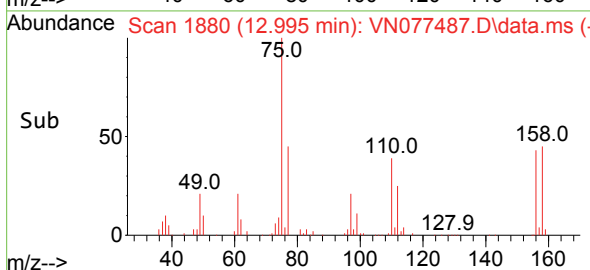
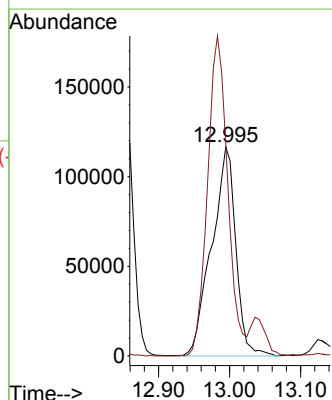
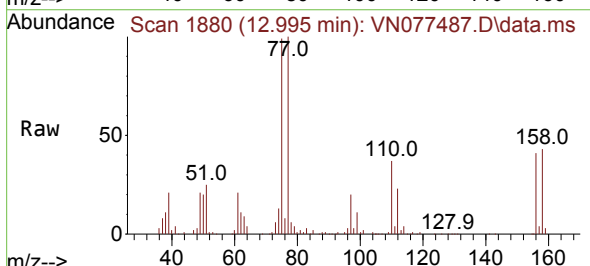
Acq: 27 Apr 2023 10:37

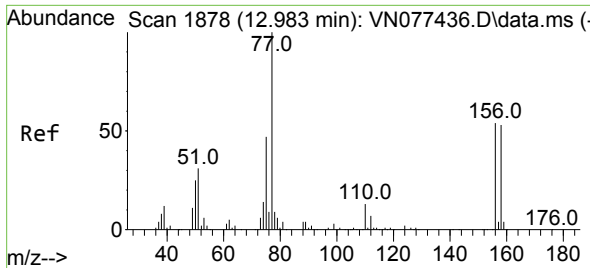
Tgt Ion: 75 Resp: 274678

Ion Ratio Lower Upper

75 100

77 128.9 84.5 253.5

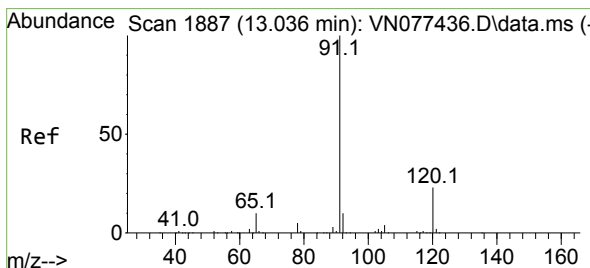
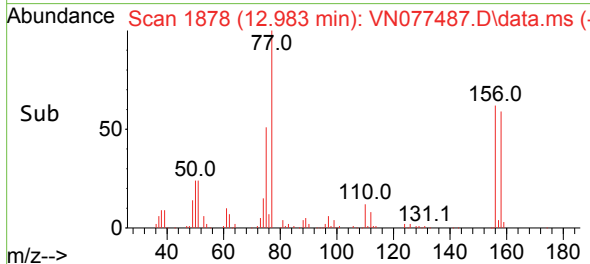
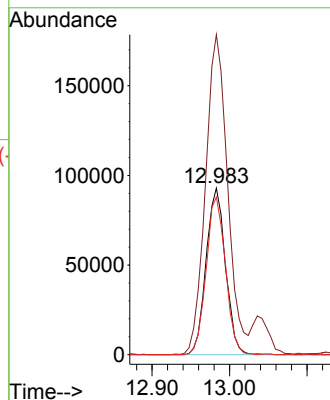
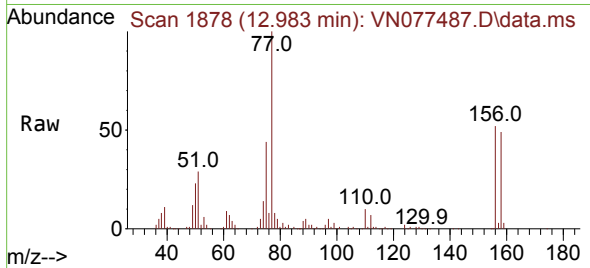




#77
Bromobenzene
Concen: 18.353 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

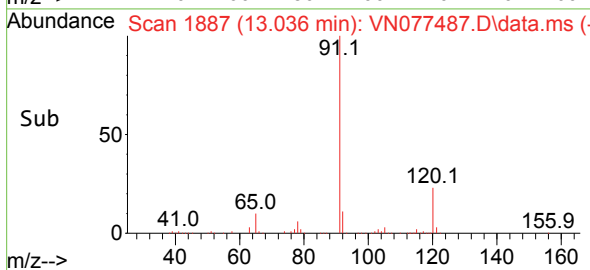
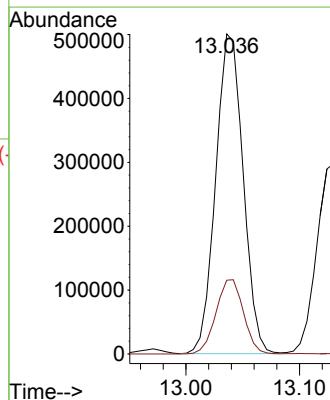
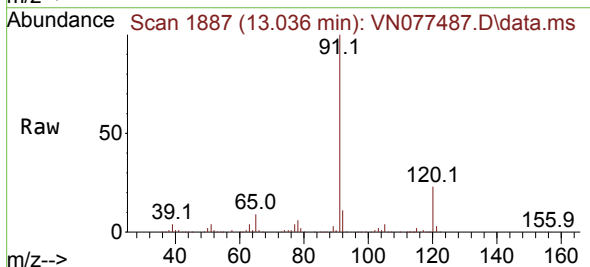
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

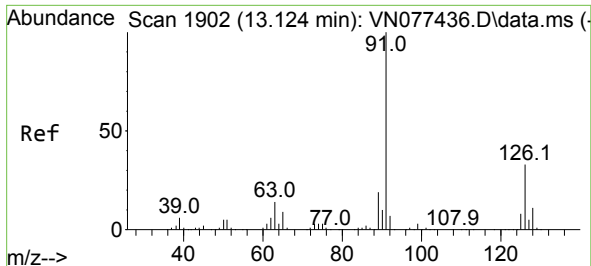
Tgt Ion:156 Resp: 161144
Ion Ratio Lower Upper
156 100
77 219.7 107.7 323.3
158 94.6 48.4 145.3



#78
n-propylbenzene
Concen: 18.886 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 91 Resp: 841267
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.914 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

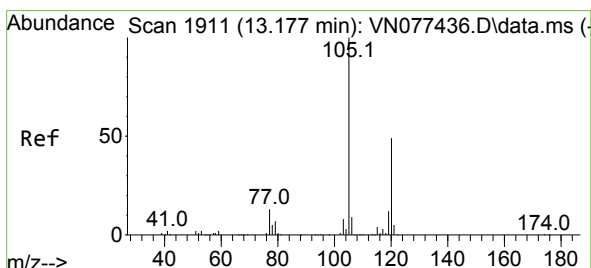
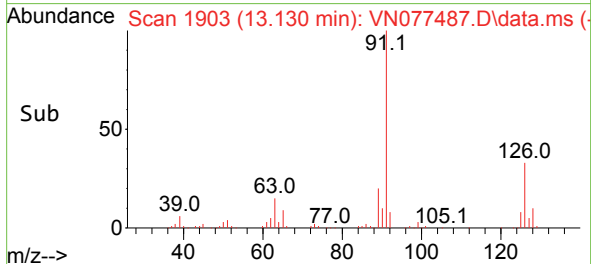
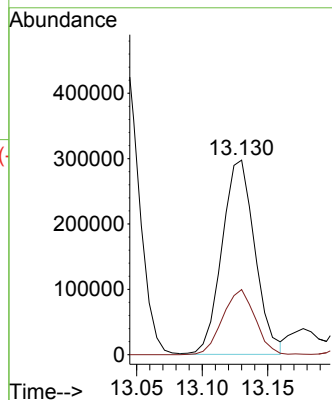
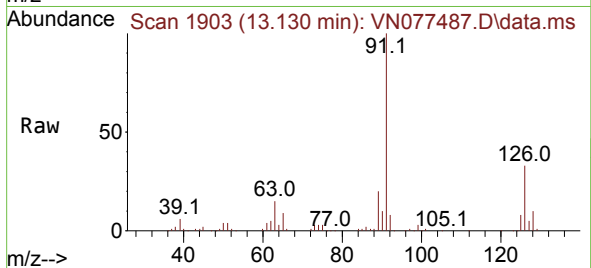
VN0427WBS01

Tgt Ion: 91 Resp: 519455

Ion Ratio Lower Upper

91 100

126 33.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 20.228 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077487.D

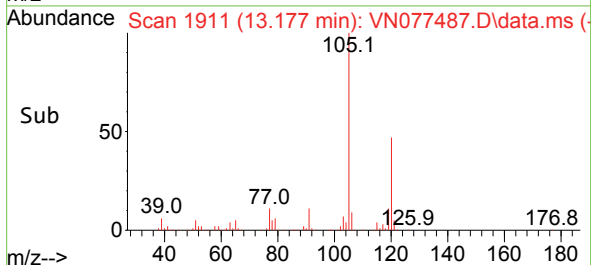
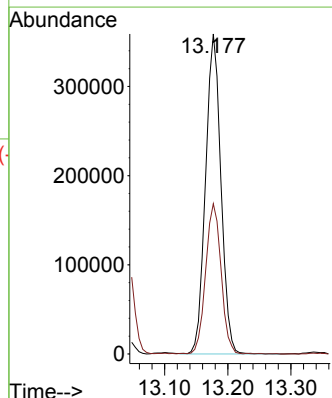
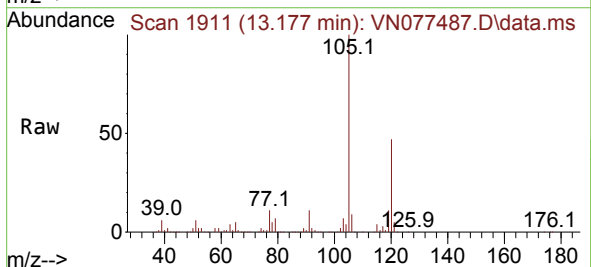
Acq: 27 Apr 2023 10:37

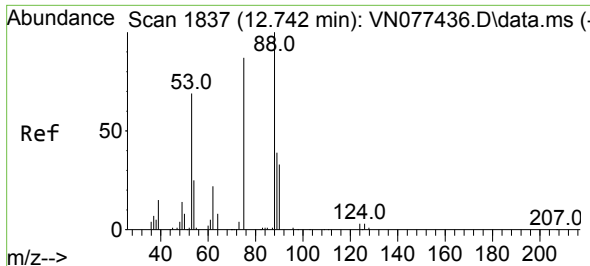
Tgt Ion: 105 Resp: 605163

Ion Ratio Lower Upper

105 100

120 47.2 24.1 72.3

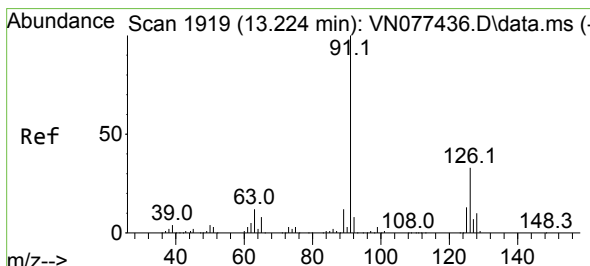
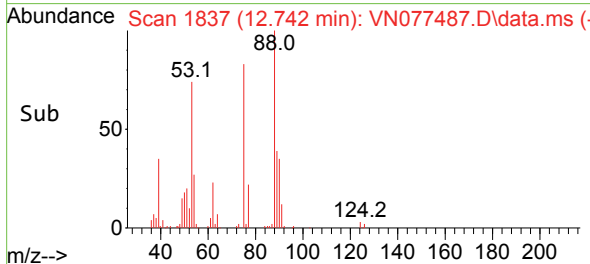
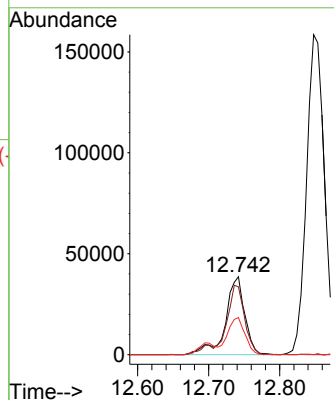
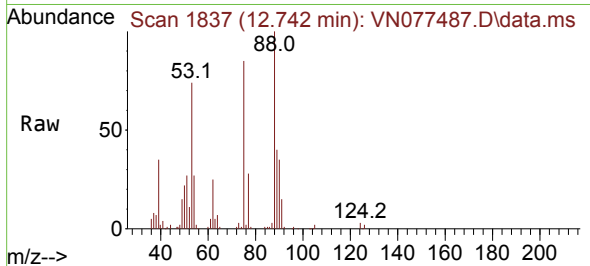




#81
trans-1,4-Dichloro-2-butene
Concen: 20.423 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

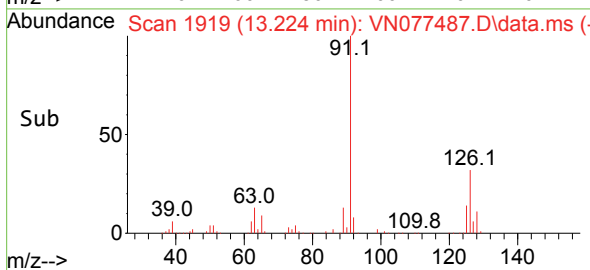
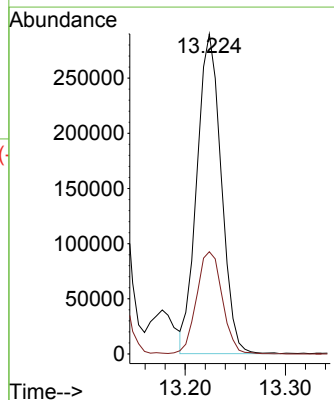
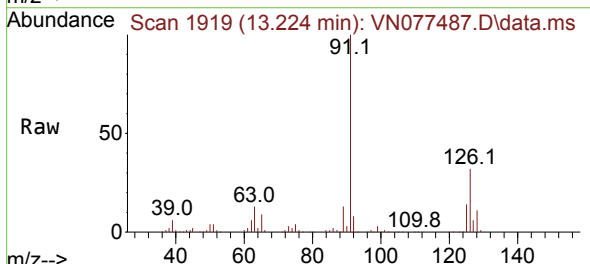
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

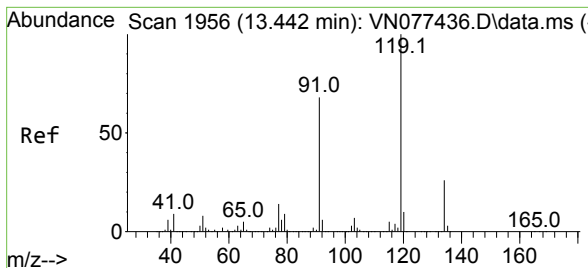
Tgt Ion: 75 Resp: 72981
Ion Ratio Lower Upper
75 100
53 88.1 67.4 101.2
89 43.0 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.069 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 91 Resp: 489371
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0





#83

tert-Butylbenzene

Concen: 18.813 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

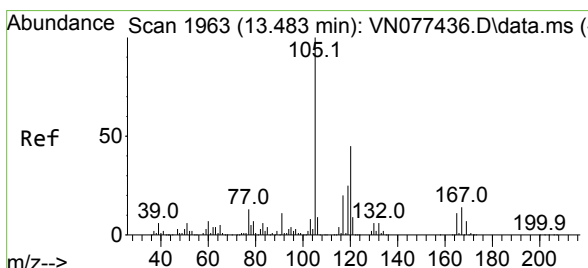
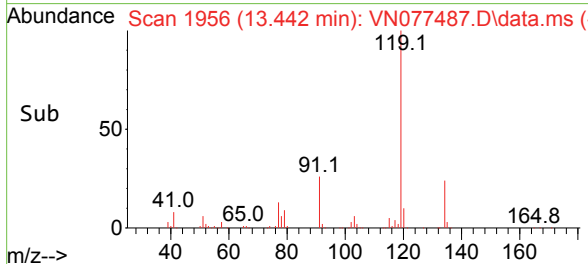
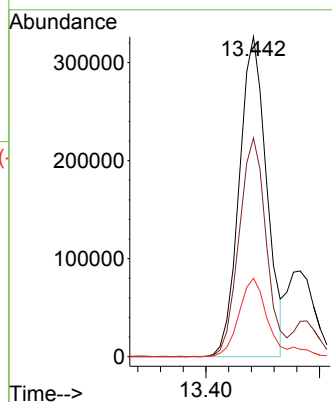
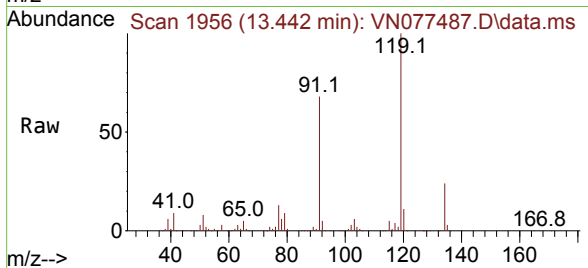
Tgt Ion:119 Resp: 546582

Ion Ratio Lower Upper

119 100

91 68.4 33.9 101.7

134 26.7 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.800 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VN077487.D

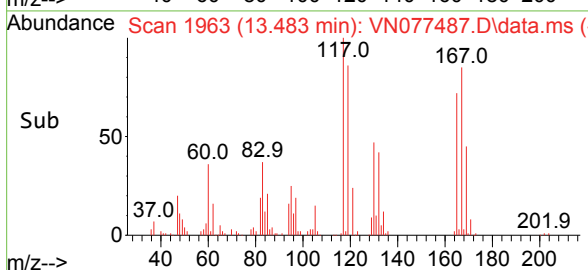
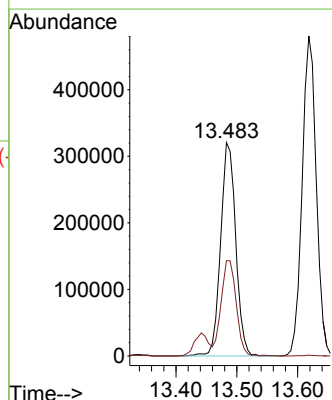
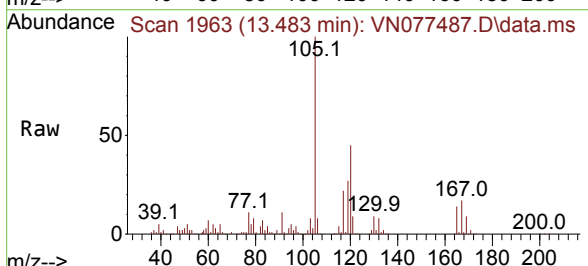
Acq: 27 Apr 2023 10:37

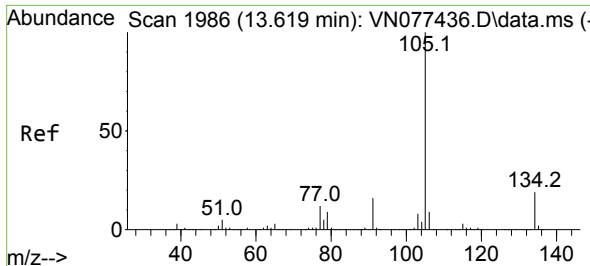
Tgt Ion:105 Resp: 553215

Ion Ratio Lower Upper

105 100

120 44.3 22.0 66.0

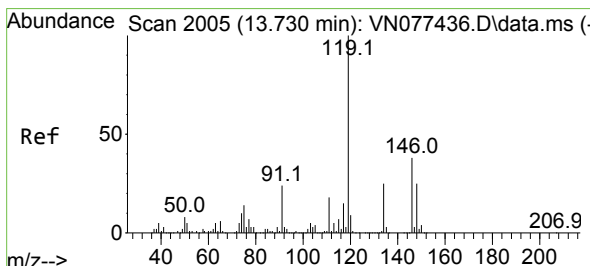
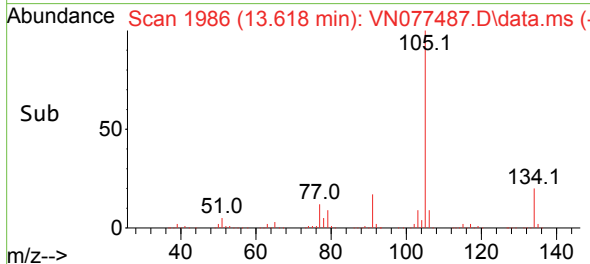
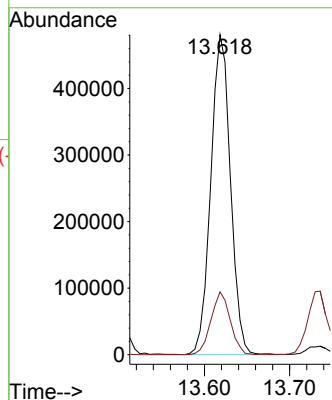
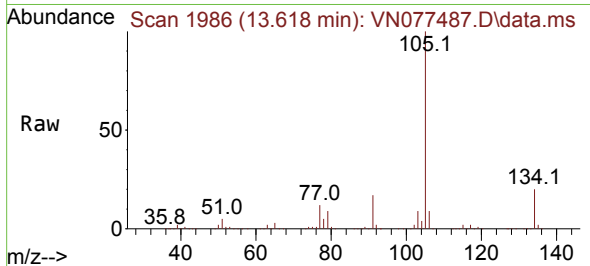




#85
 sec-Butylbenzene
 Concen: 19.354 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077487.D
 Acq: 27 Apr 2023 10:37

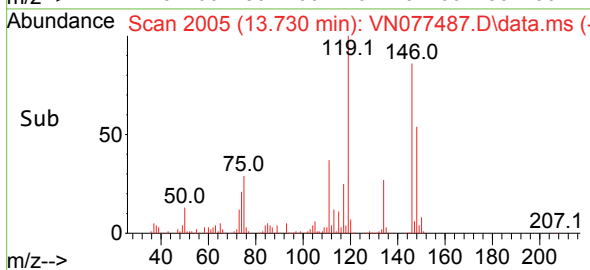
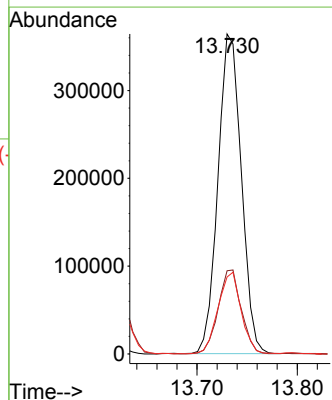
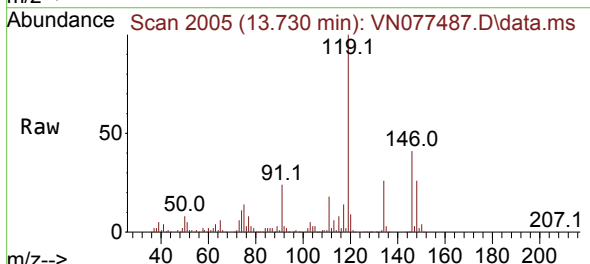
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0427WBS01

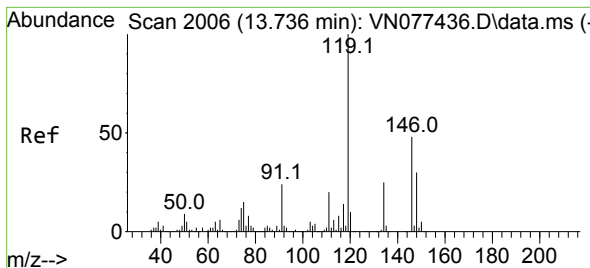
Tgt Ion:105 Resp: 771824
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.196 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077487.D
 Acq: 27 Apr 2023 10:37

Tgt Ion:119 Resp: 589007
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 25.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.571 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

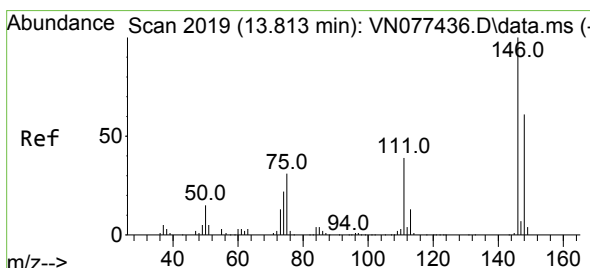
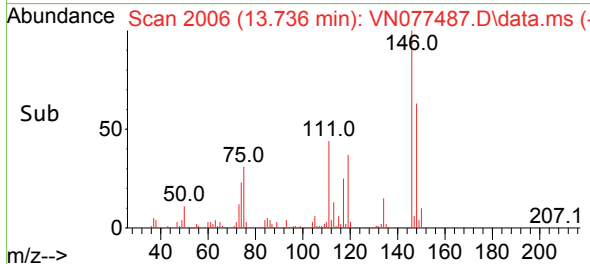
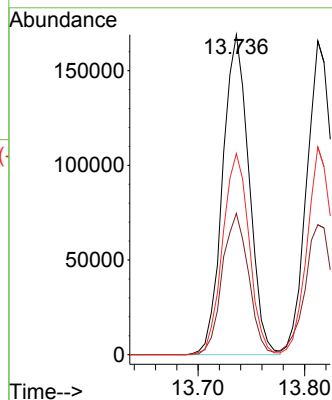
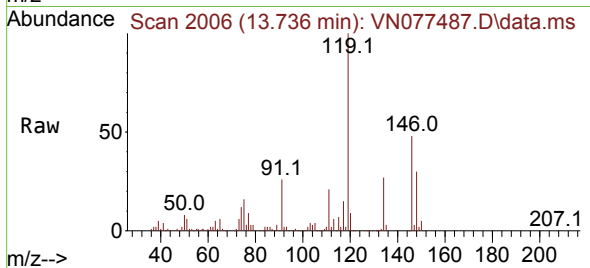
Tgt Ion:146 Resp: 289982

Ion Ratio Lower Upper

146 100

111 44.1 22.1 66.3

148 63.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.227 ug/l

RT: 13.812 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

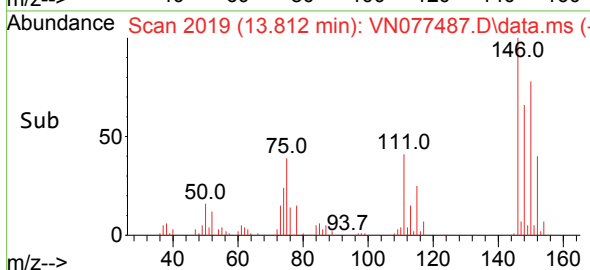
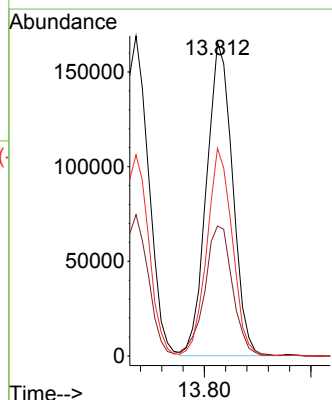
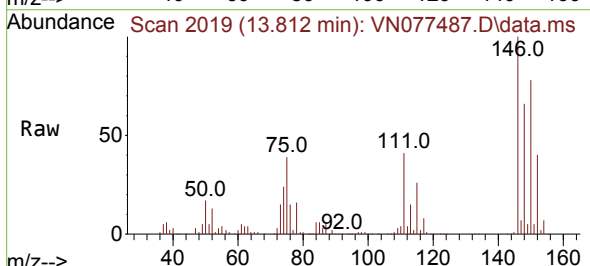
Tgt Ion:146 Resp: 281015

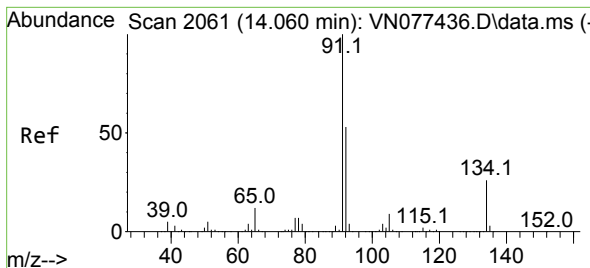
Ion Ratio Lower Upper

146 100

111 44.1 20.6 61.8

148 64.2 31.6 94.8





#89

n-Butylbenzene

Concen: 18.902 ug/l

RT: 14.059 min Scan# 2061

Delta R.T. -0.001 min

Lab File: VN077487.D

Acq: 27 Apr 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VN0427WBS01

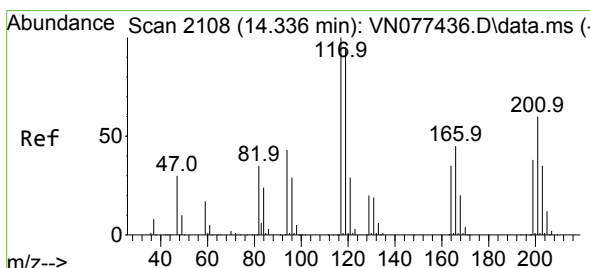
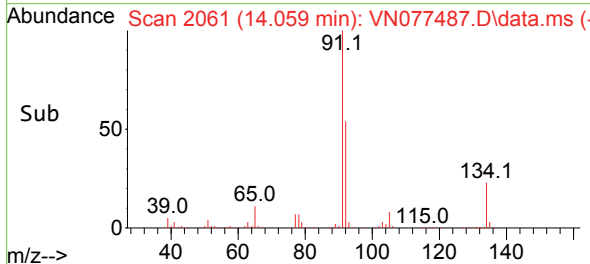
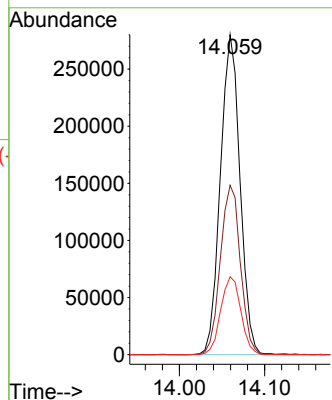
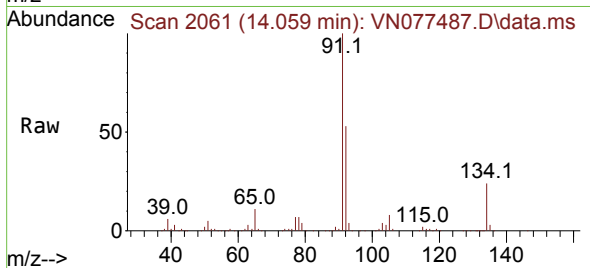
Tgt Ion: 91 Resp: 448847

Ion Ratio Lower Upper

91 100

92 54.1 26.4 79.0

134 25.0 12.6 37.6



#90

Hexachloroethane

Concen: 18.168 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077487.D

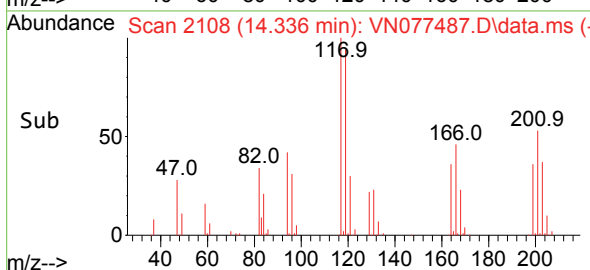
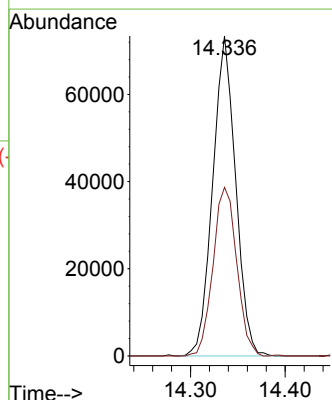
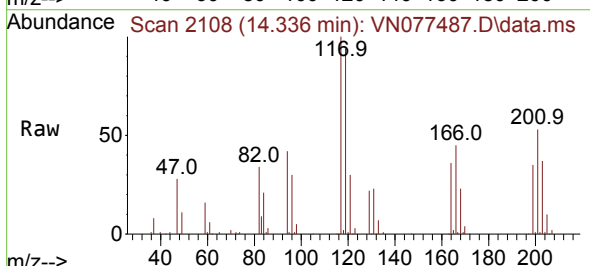
Acq: 27 Apr 2023 10:37

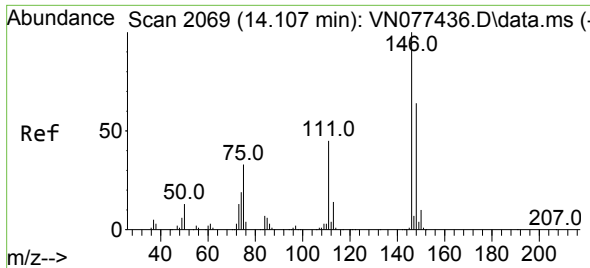
Tgt Ion: 117 Resp: 123155

Ion Ratio Lower Upper

117 100

201 54.6 29.3 88.0

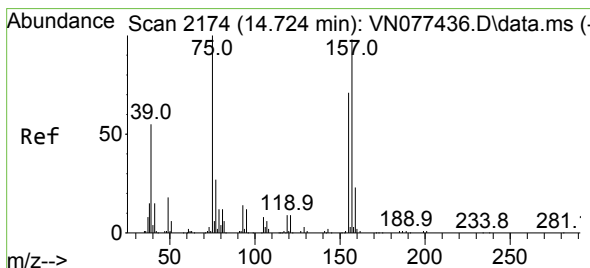
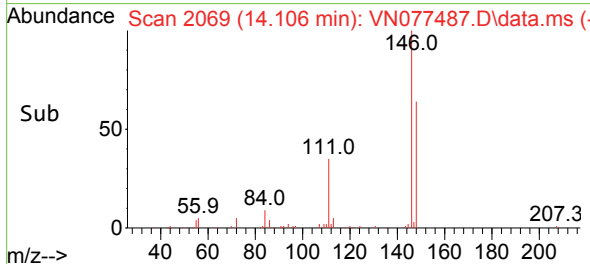
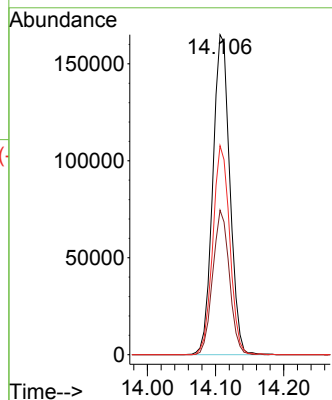
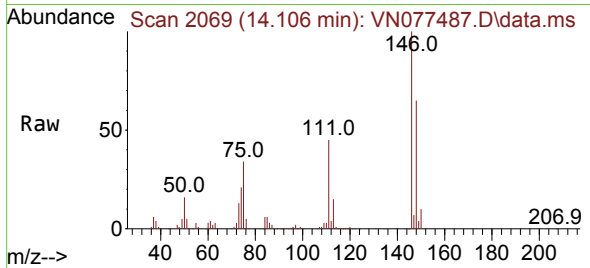




#91
1,2-Dichlorobenzene
Concen: 18.565 ug/l
RT: 14.106 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

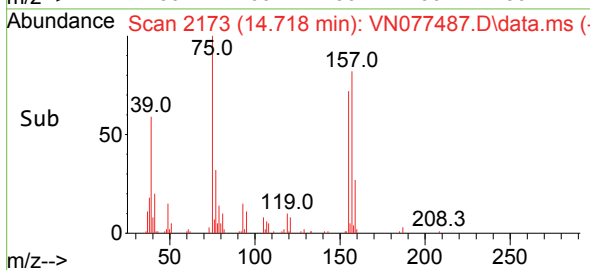
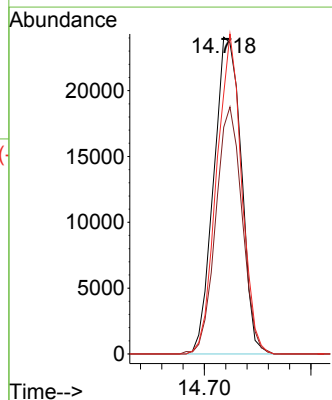
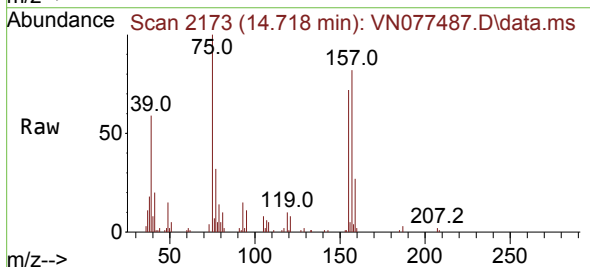
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

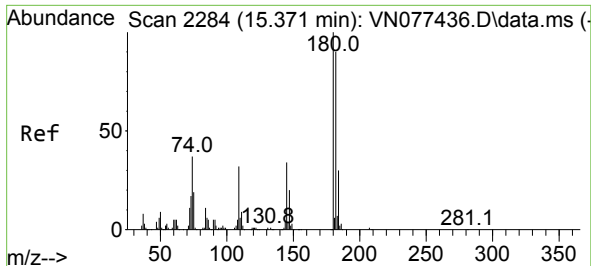
Tgt Ion:146 Resp: 287520
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 64.9 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.433 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion: 75 Resp: 43148
Ion Ratio Lower Upper
75 100
155 74.6 39.1 117.2
157 91.4 50.3 150.9

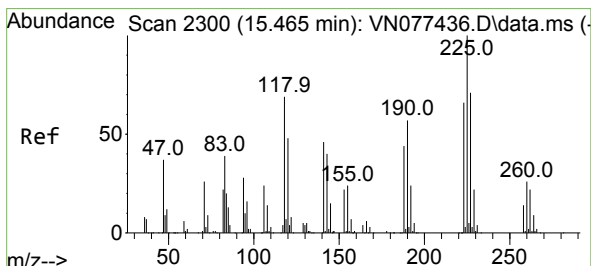
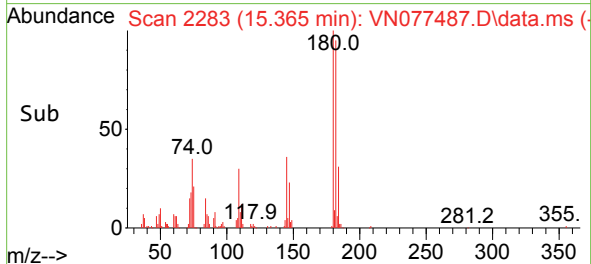
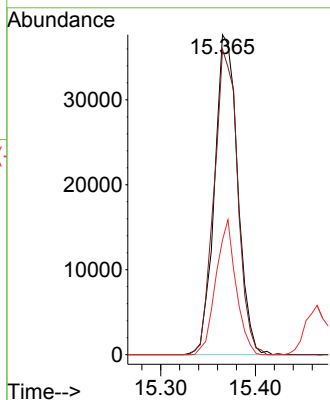
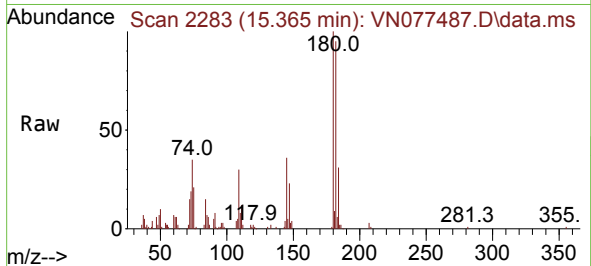




#93
1,2,4-Trichlorobenzene
Concen: 17.663 ug/l
RT: 15.365 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

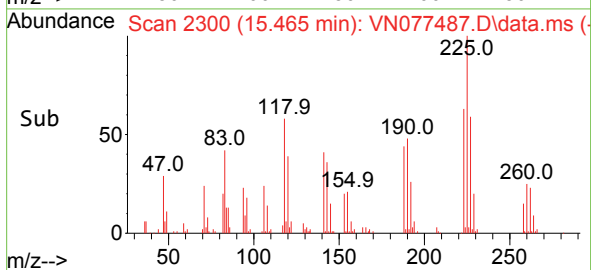
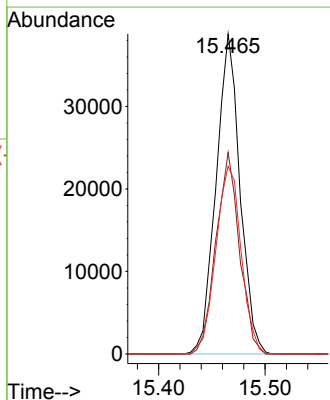
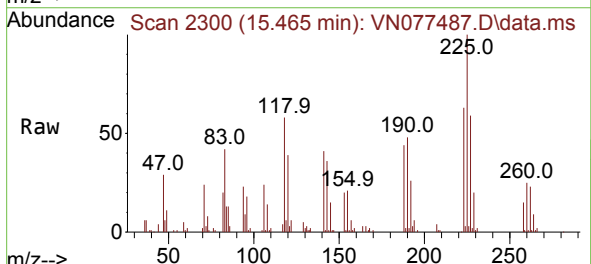
Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

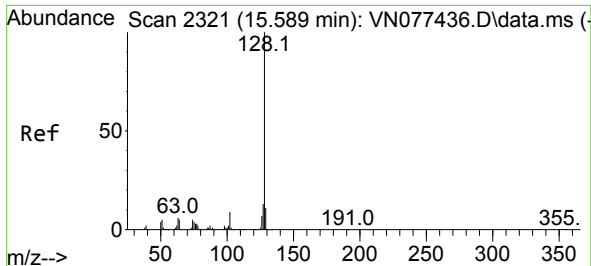
Tgt Ion:180 Resp: 64024
Ion Ratio Lower Upper
180 100
182 97.0 46.1 138.2
145 36.8 16.6 49.8



#94
Hexachlorobutadiene
Concen: 19.284 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion:225 Resp: 60351
Ion Ratio Lower Upper
225 100
223 61.9 31.3 93.8
227 62.1 31.9 95.9

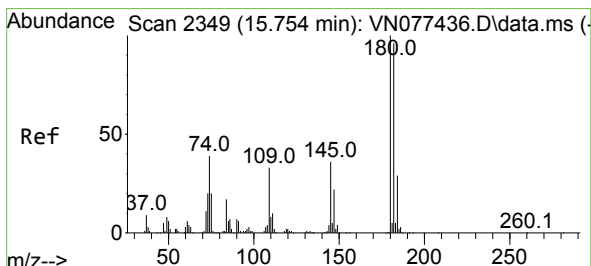
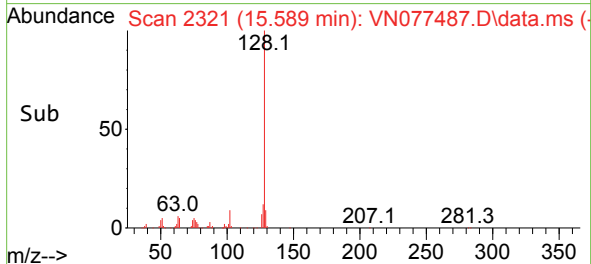
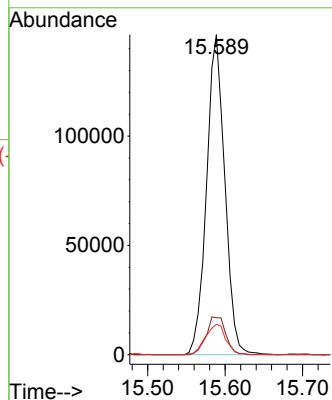
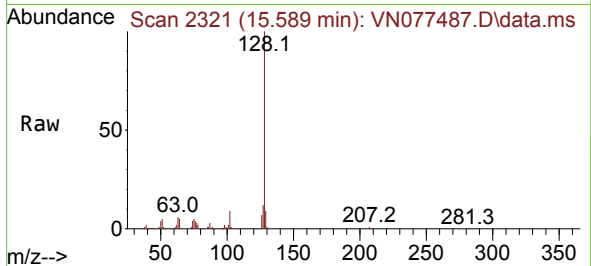




#95
Naphthalene
Concen: 17.918 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Instrument :
MSVOA_N
ClientSampleId :
VN0427WBS01

Tgt Ion:128 Resp: 239276
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.380 ug/l
RT: 15.753 min Scan# 2349
Delta R.T. -0.001 min
Lab File: VN077487.D
Acq: 27 Apr 2023 10:37

Tgt Ion:180 Resp: 63140
Ion Ratio Lower Upper
180 100
182 90.3 46.2 138.6
145 36.2 17.5 52.6

