

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076253.D
 Acq On : 13 Jan 2023 17:03
 Operator : JC\MD
 Sample : VN0113MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 16 01:12:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	354813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	568425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	499211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	186292	48.262	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.520%
35) Dibromofluoromethane	8.171	113	169632	48.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.380%
50) Toluene-d8	10.570	98	599503	45.550	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.100%
62) 4-Bromofluorobenzene	12.853	95	204296	46.865	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	58022	23.031	ug/l	94
3) Chloromethane	2.377	50	57894	18.481	ug/l	97
4) Vinyl Chloride	2.530	62	69977	18.726	ug/l	100
5) Bromomethane	2.959	94	57365	18.063	ug/l	96
6) Chloroethane	3.130	64	52817	19.086	ug/l	95
7) Trichlorofluoromethane	3.512	101	98898	17.442	ug/l	95
8) Diethyl Ether	3.977	74	34773	16.790	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	59763	18.458	ug/l	97
10) Methyl Iodide	4.600	142	84577	16.096	ug/l	98
11) Tert butyl alcohol	5.535	59	45115	82.599	ug/l	99
12) 1,1-Dichloroethene	4.353	96	52082	16.562	ug/l	98
13) Acrolein	4.189	56	55327	82.625	ug/l	100
14) Allyl chloride	5.041	41	67403	18.336	ug/l	99
15) Acrylonitrile	5.730	53	128208	86.016	ug/l	99
16) Acetone	4.447	43	109066	81.966	ug/l	97
17) Carbon Disulfide	4.730	76	104045	13.665	ug/l	99
18) Methyl Acetate	5.036	43	73512	18.690	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	192926	18.630	ug/l	98
20) Methylene Chloride	5.300	84	62246	17.065	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	56136	16.300	ug/l	96
22) Diisopropyl ether	6.688	45	159114	17.818	ug/l	97
23) Vinyl Acetate	6.618	43	500974	83.347	ug/l	100
24) 1,1-Dichloroethane	6.577	63	102757	17.254	ug/l	98
25) 2-Butanone	7.494	43	162497	87.218	ug/l	96
26) 2,2-Dichloropropane	7.500	77	88607	17.568	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	69744	16.933	ug/l	96
28) Bromochloromethane	7.824	49	46005	17.624	ug/l	99
29) Tetrahydrofuran	7.847	42	106502	91.217	ug/l	96
30) Chloroform	7.977	83	113987	16.999	ug/l	93
31) Cyclohexane	8.265	56	91359	16.526	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	100390	16.887	ug/l	99
36) 1,1-Dichloropropene	8.377	75	78933	16.880	ug/l	98
37) Ethyl Acetate	7.571	43	70228	18.697	ug/l	97
38) Carbon Tetrachloride	8.371	117	87934	16.801	ug/l	96
39) Methylcyclohexane	9.606	83	99043	17.556	ug/l	99
40) Benzene	8.612	78	241258	16.722	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	34511	17.676	ug/l	95
42) 1,2-Dichloroethane	8.676	62	84003	17.513	ug/l	99
43) Isopropyl Acetate	8.694	43	138496	22.352	ug/l #	91
44) Trichloroethene	9.359	130	67146	16.520	ug/l	97
45) 1,2-Dichloropropane	9.629	63	59856	17.049	ug/l	99
46) Dibromomethane	9.712	93	44176	16.964	ug/l	98
47) Bromodichloromethane	9.888	83	86112	16.863	ug/l	97
48) Methyl methacrylate	9.682	41	51506	18.457	ug/l	97
49) 1,4-Dioxane	9.700	88	22960	334.664	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	350883	93.641	ug/l	96
52) Toluene	10.629	92	164102	17.464	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	85301	17.064	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	96552	17.592	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	65857	17.856	ug/l	98
56) Ethyl methacrylate	10.876	69	89409	18.251	ug/l	97
57) 1,3-Dichloropropane	11.165	76	105195	17.389	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	162106	103.934	ug/l	100
59) 2-Hexanone	11.194	43	249085	91.152	ug/l	98
60) Dibromochloromethane	11.359	129	67222	16.389	ug/l	99
61) 1,2-Dibromoethane	11.470	107	64294	17.226	ug/l	98
64) Tetrachloroethene	11.106	164	73492	20.921	ug/l	98
65) Chlorobenzene	11.894	112	175194	17.098	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	65120	17.159	ug/l	97
67) Ethyl Benzene	11.964	91	308438	17.836	ug/l	99
68) m/p-Xylenes	12.076	106	245551	35.875	ug/l	98
69) o-Xylene	12.400	106	123858	18.286	ug/l	98
70) Styrene	12.412	104	195540	18.156	ug/l	99
71) Bromoform	12.582	173	46286	16.761	ug/l #	96
73) Isopropylbenzene	12.700	105	322017	18.878	ug/l	99
74) N-amyl acetate	12.500	43	94519	18.889	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	92297	17.503	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	108971	22.903	ug/l	71
77) Bromobenzene	12.982	156	78001	18.069	ug/l	94
78) n-propylbenzene	13.035	91	352235	18.723	ug/l	100
79) 2-Chlorotoluene	13.129	91	215261	18.330	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	266508	18.668	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23098	17.474	ug/l #	81
82) 4-Chlorotoluene	13.129	91	215261	18.330	ug/l	100
83) tert-Butylbenzene	13.441	119	248389	19.734	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	272452	19.238	ug/l	98
85) sec-Butylbenzene	13.617	105	333396	19.190	ug/l	98
86) p-Isopropyltoluene	13.729	119	277488	19.196	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	137920	17.296	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	137861	16.924	ug/l	99
89) n-Butylbenzene	14.058	91	215741	18.422	ug/l	99
90) Hexachloroethane	14.335	117	46005	17.791	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	140316	17.865	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14648	15.655	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	66382	17.071	ug/l	100
94) Hexachlorobutadiene	15.500	225	37970	17.898	ug/l	100
95) Naphthalene	15.641	128	199693	17.045	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	65039	17.895	ug/l	98

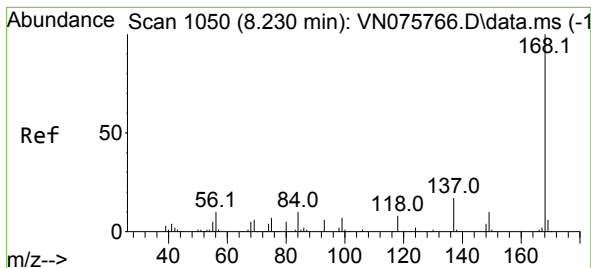
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 10

Delta R.T. -0.001 min

Lab File: VN076253.D

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Instrument :

MSVOA_N

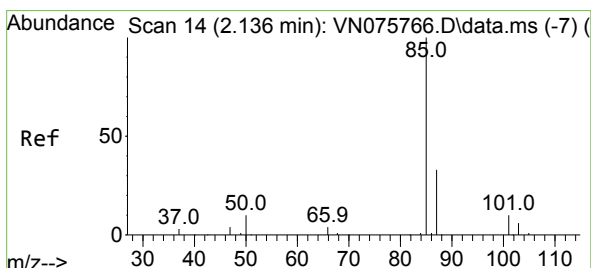
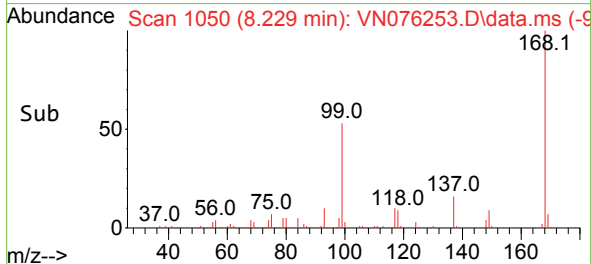
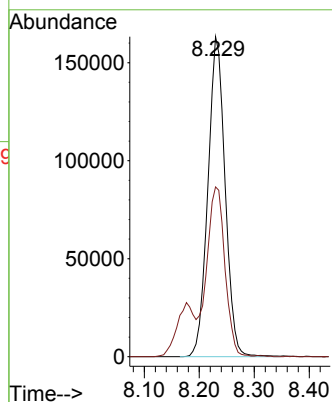
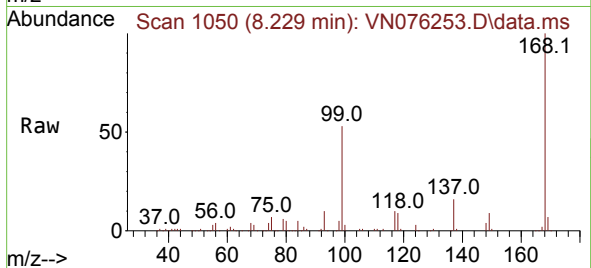
ClientSampleId :

Tgt Ion:168 Resp: 354813

Ion Ratio Lower Upper

168 100

99 53.1 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 23.031 ug/l

RT: 2.142 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN076253.D

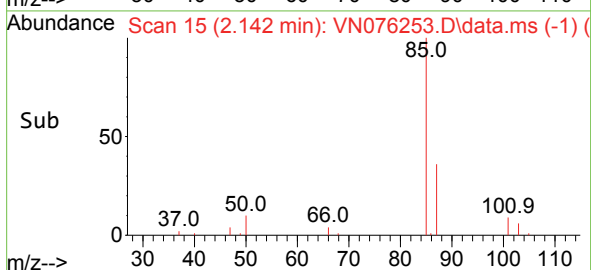
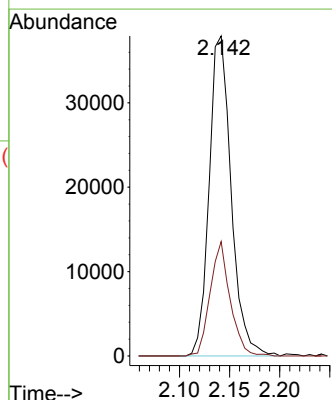
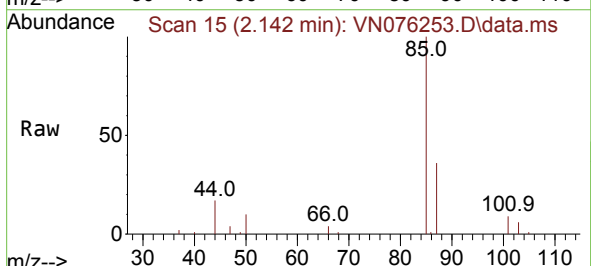
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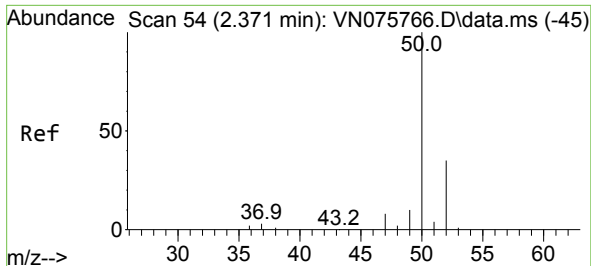
Tgt Ion: 85 Resp: 58022

Ion Ratio Lower Upper

85 100

87 35.7 16.3 48.9

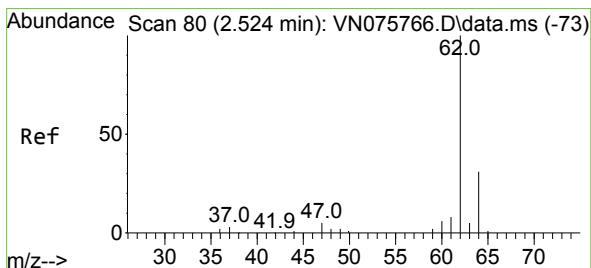
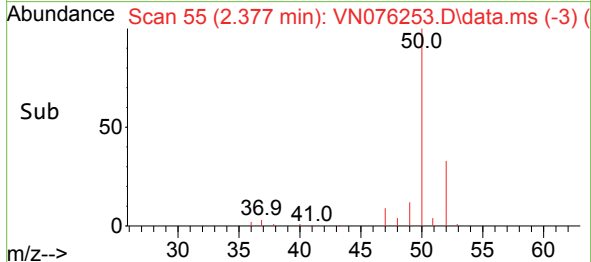
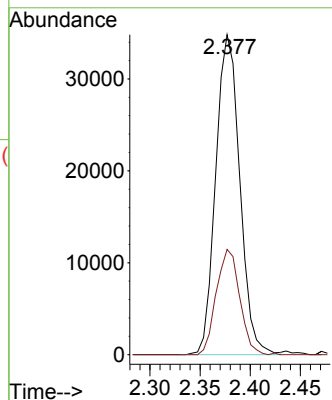
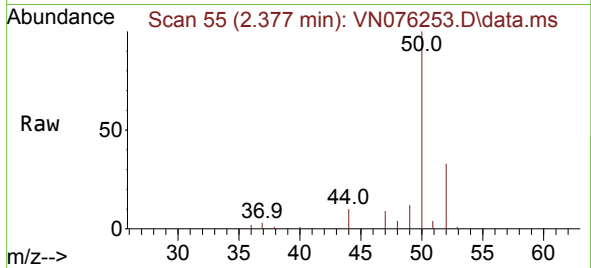




#3
Chloromethane
Concen: 18.481 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

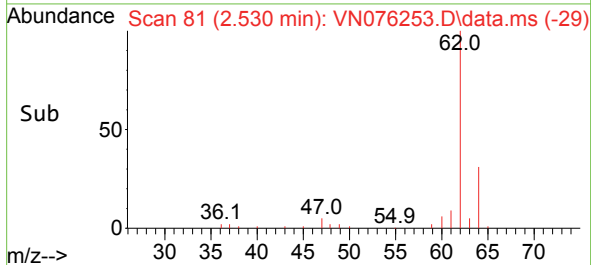
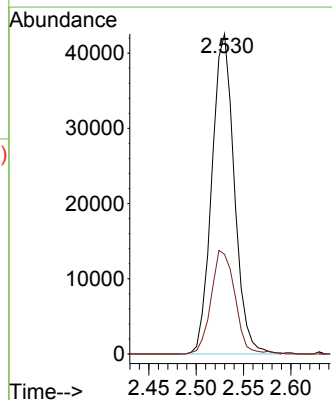
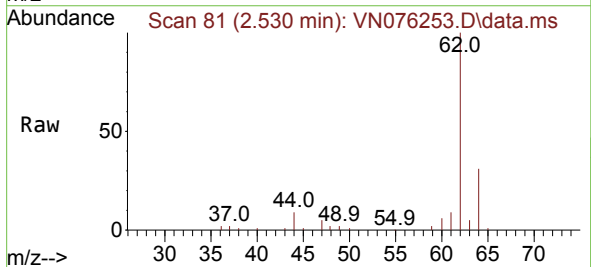
Instrument :
MSVOA_N
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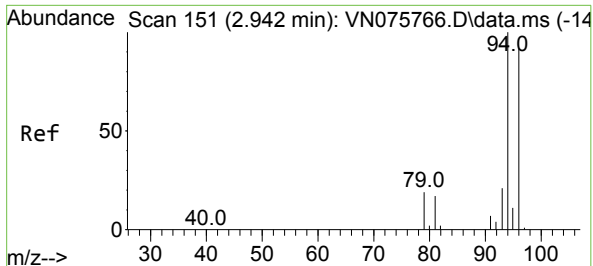
Tgt Ion: 50 Resp: 57894
Ion Ratio Lower Upper
50 100
52 32.9 27.7 41.5



#4
Vinyl Chloride
Concen: 18.726 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

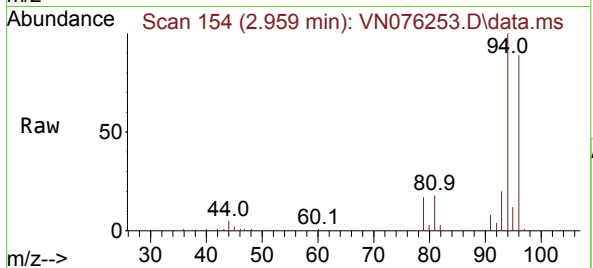
Tgt Ion: 62 Resp: 69977
Ion Ratio Lower Upper
62 100
64 31.1 24.9 37.3



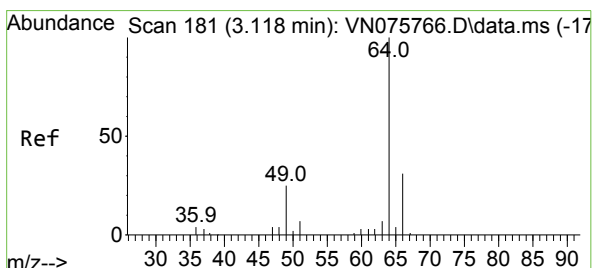
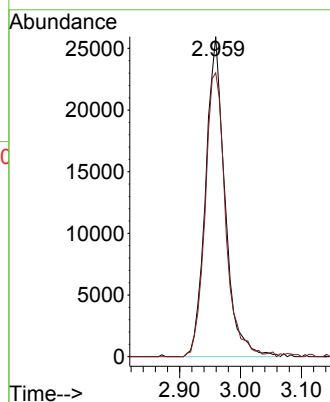
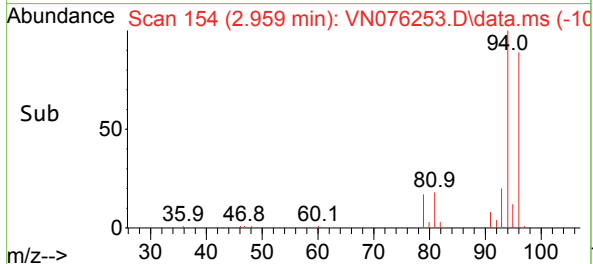


#5
Bromomethane
Concen: 18.063 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :

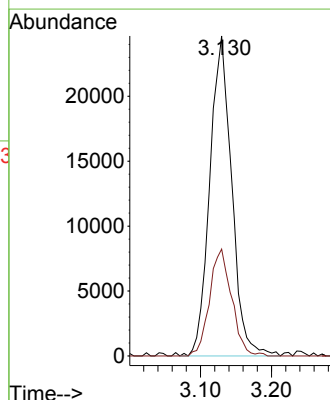
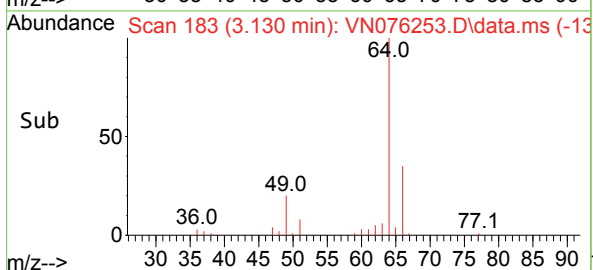
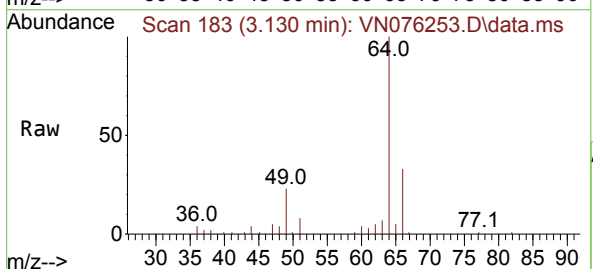


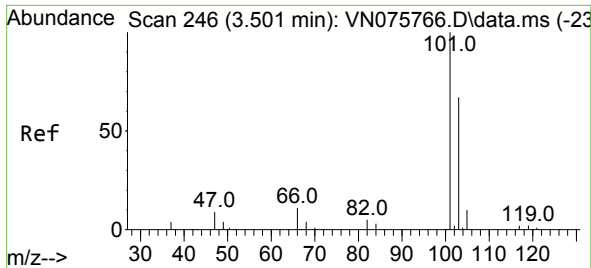
Tgt Ion: 94 Resp: 57365
Ion Ratio Lower Upper
94 100
96 88.7 73.8 110.6



#6
Chloroethane
Concen: 19.086 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 64 Resp: 52817
Ion Ratio Lower Upper
64 100
66 33.4 24.6 36.8

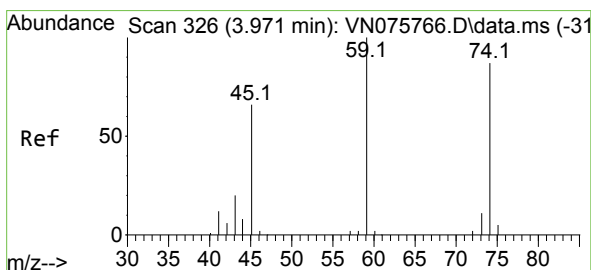
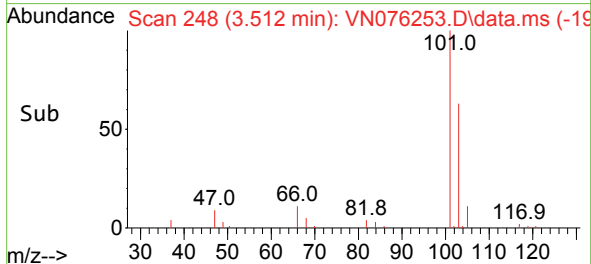
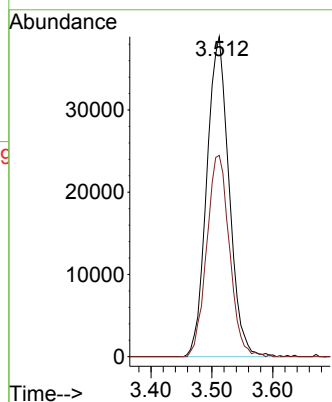
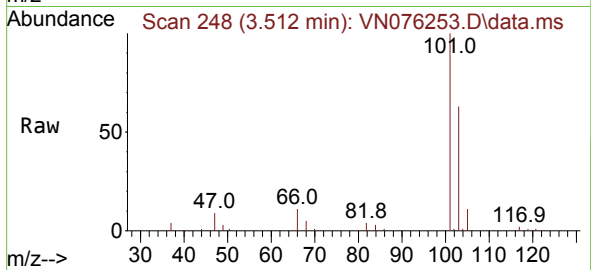




#7
 Trichlorofluoromethane
 Concen: 17.442 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

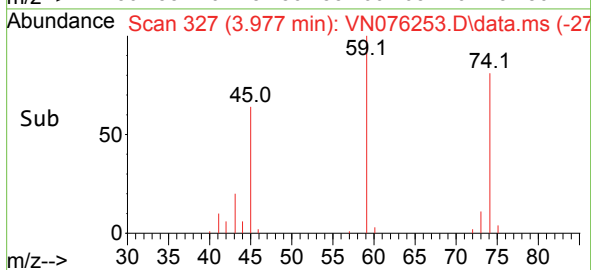
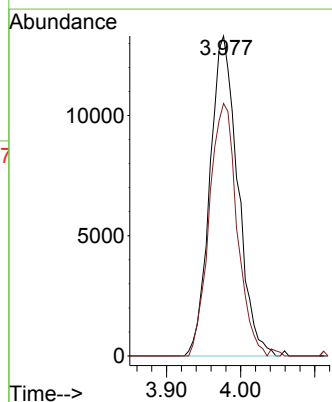
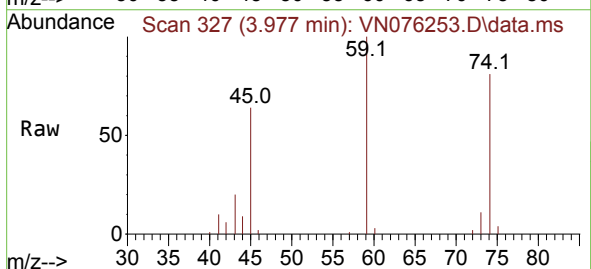
Instrument :
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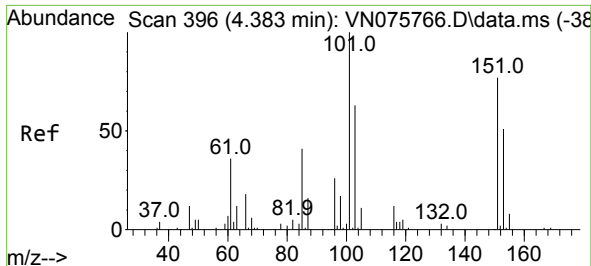
Tgt Ion:101 Resp: 98898
 Ion Ratio Lower Upper
 101 100
 103 62.9 53.4 80.2



#8
 Diethyl Ether
 Concen: 16.790 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

Tgt Ion: 74 Resp: 34773
 Ion Ratio Lower Upper
 74 100
 45 78.6 37.8 113.4

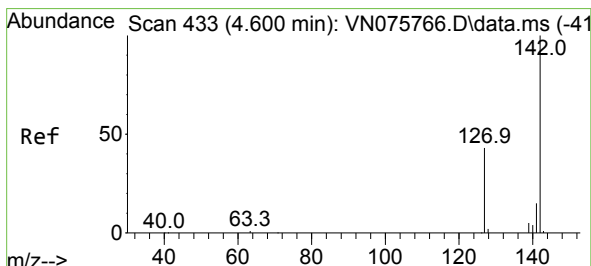
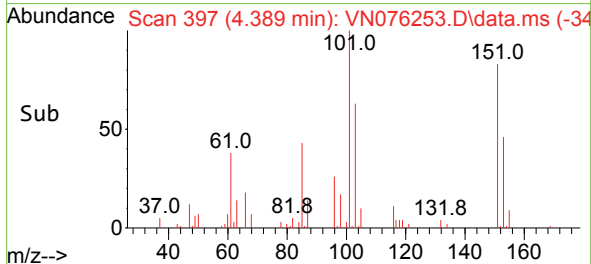
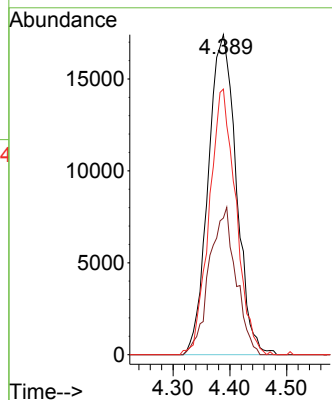
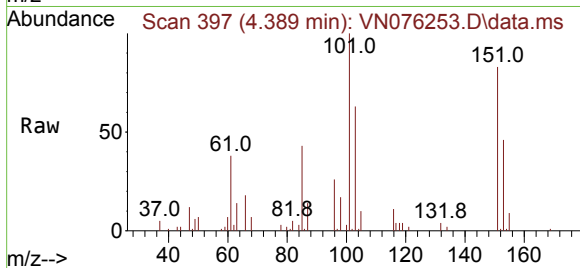




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.458 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN076253.D
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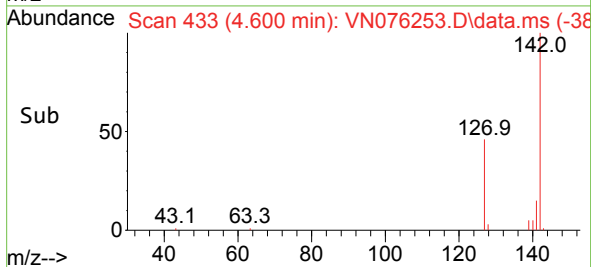
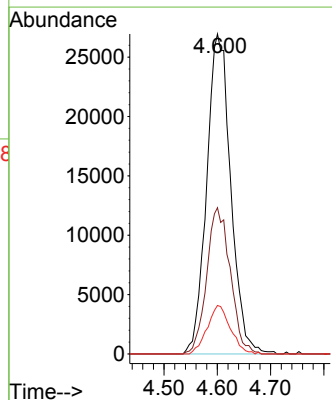
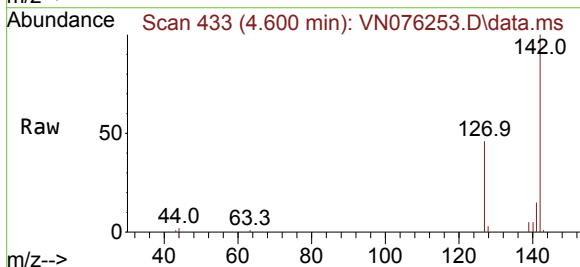
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MSVOA_N
ClientSampleId :

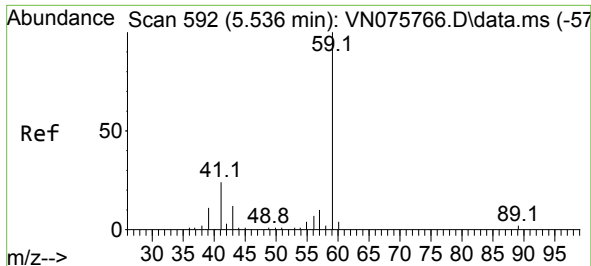
Tgt Ion:101 Resp: 59763
Ion Ratio Lower Upper
101 100
85 43.6 35.3 52.9
151 78.9 65.6 98.4



#10
Methyl Iodide
Concen: 16.096 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion:142 Resp: 84577
Ion Ratio Lower Upper
142 100
127 44.7 34.7 52.1
141 14.6 11.4 17.2

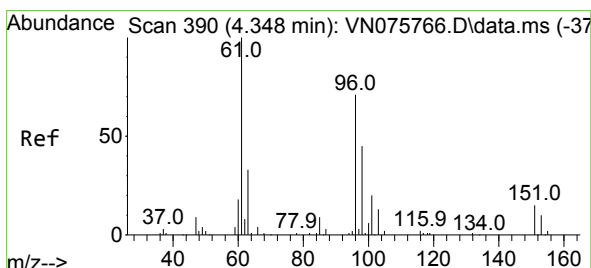
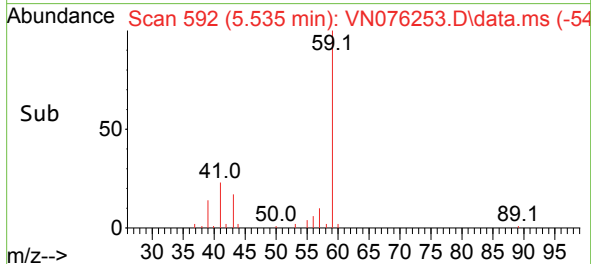
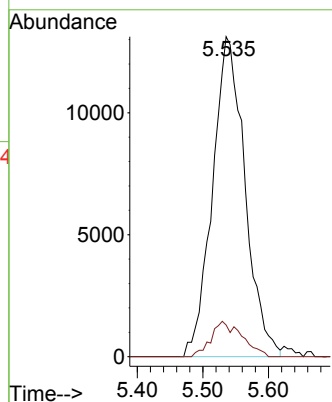
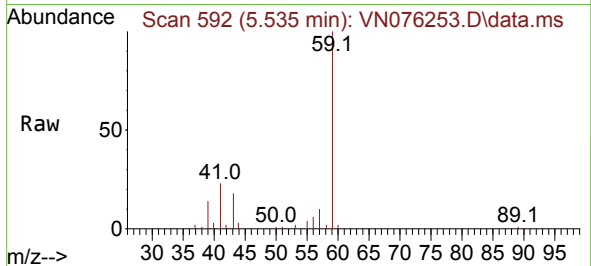




#11
Tert butyl alcohol
Concen: 82.599 ug/l
RT: 5.535 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

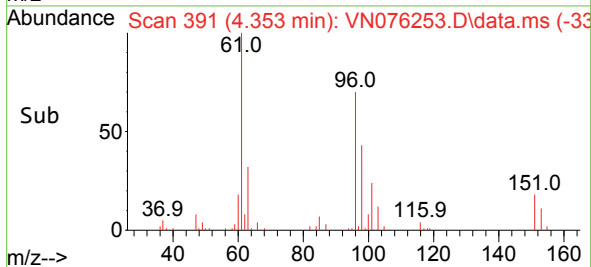
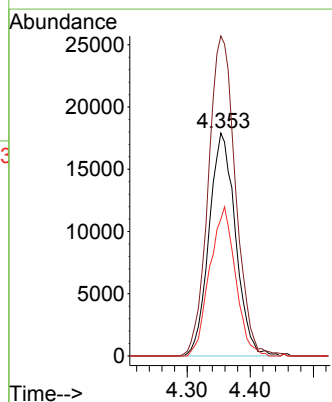
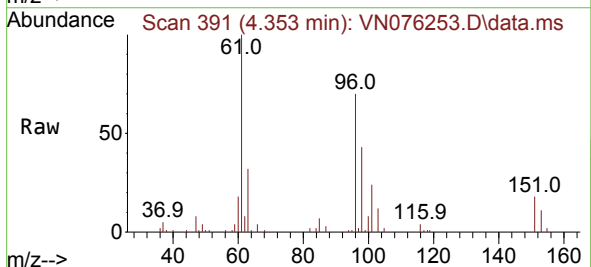
Instrument :
MSVOA_N
ClientSampleId :

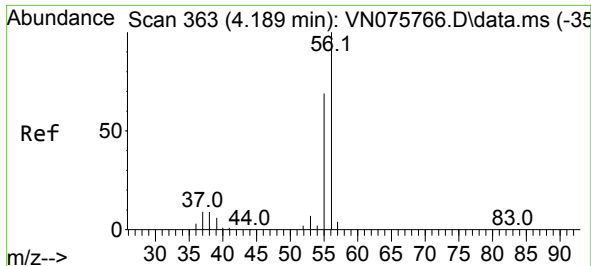
Tgt Ion: 59 Resp: 45115
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 16.562 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 96 Resp: 52082
Ion Ratio Lower Upper
96 100
61 143.5 113.3 169.9
98 61.3 50.9 76.3





#13

Acrolein

Concen: 82.625 ug/l

RT: 4.189 min Scan# 3

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

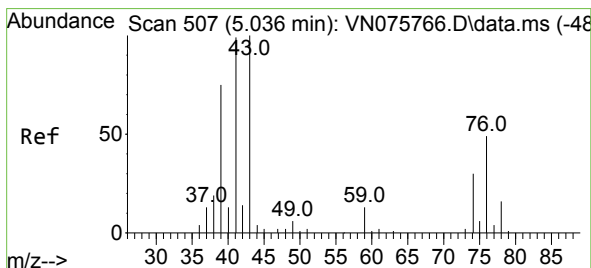
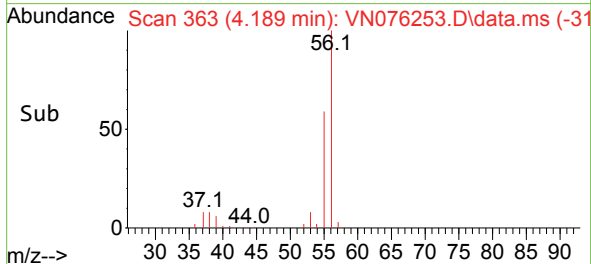
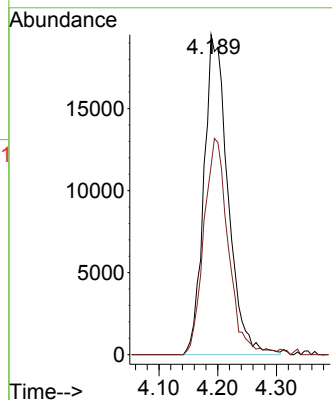
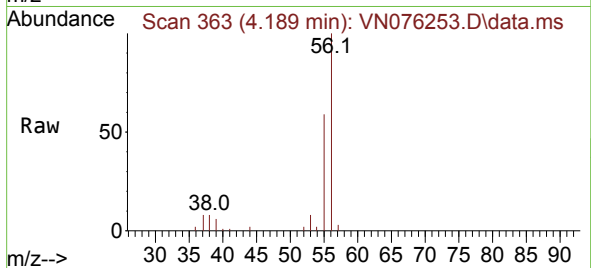
ClientSampleId :

Tgt Ion: 56 Resp: 55327

Ion Ratio Lower Upper

56 100

55 68.9 54.8 82.2



#14

Allyl chloride

Concen: 18.336 ug/l

RT: 5.041 min Scan# 508

Delta R.T. 0.006 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

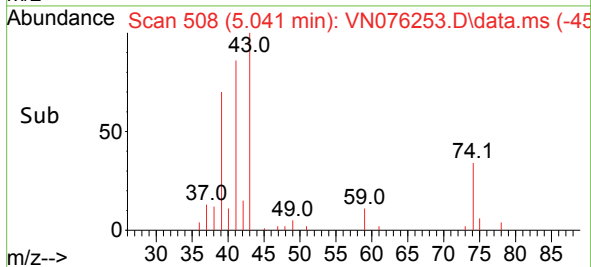
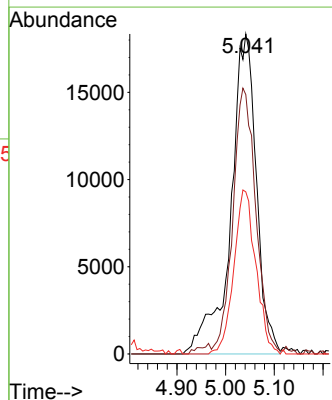
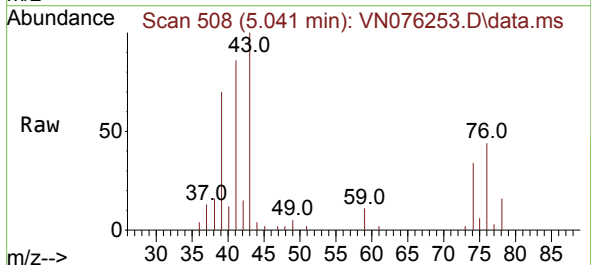
Tgt Ion: 41 Resp: 67403

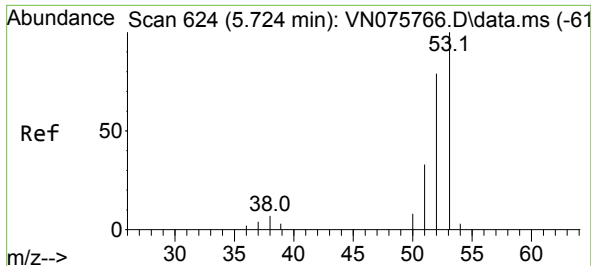
Ion Ratio Lower Upper

41 100

39 72.9 58.3 87.5

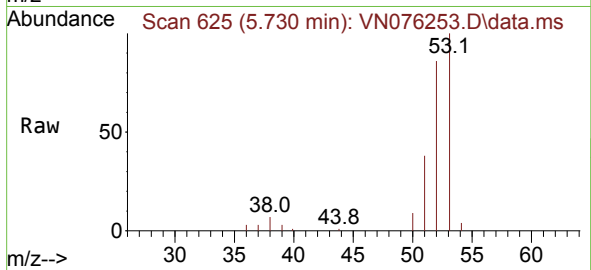
76 43.7 35.8 53.6



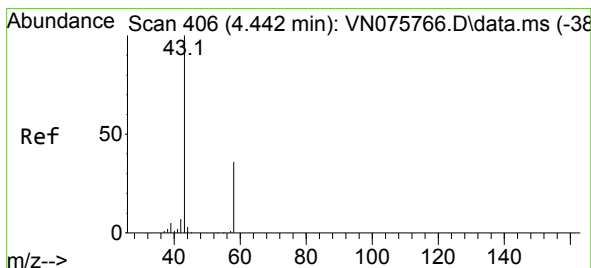
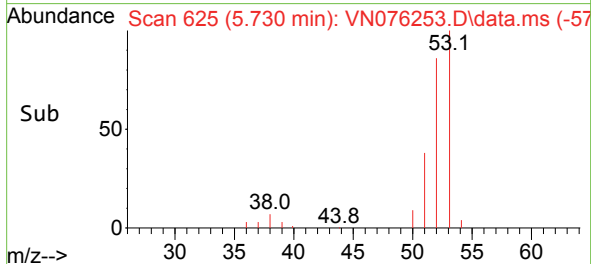
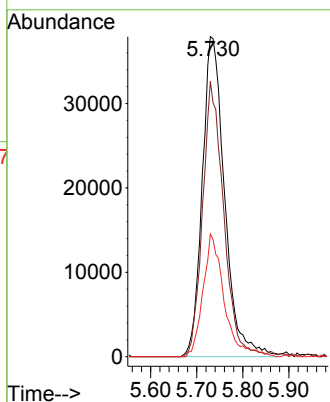


#15
Acrylonitrile
Concen: 86.016 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :

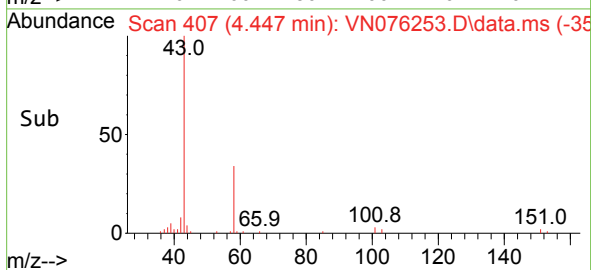
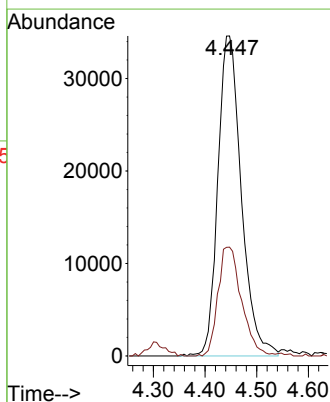
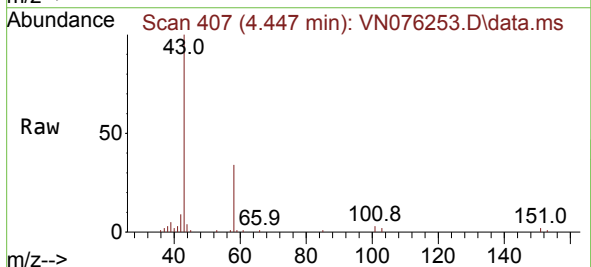


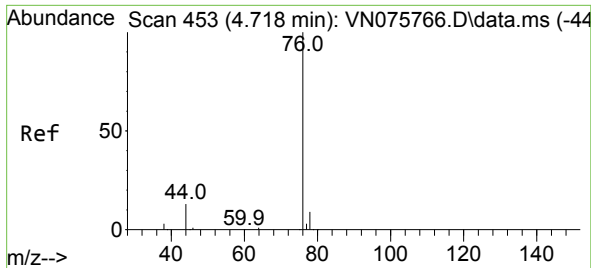
Tgt Ion: 53 Resp: 128208
Ion Ratio Lower Upper
53 100
52 80.5 65.4 98.0
51 36.3 28.9 43.3



#16
Acetone
Concen: 81.966 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 43 Resp: 109066
Ion Ratio Lower Upper
43 100
58 34.0 28.6 43.0

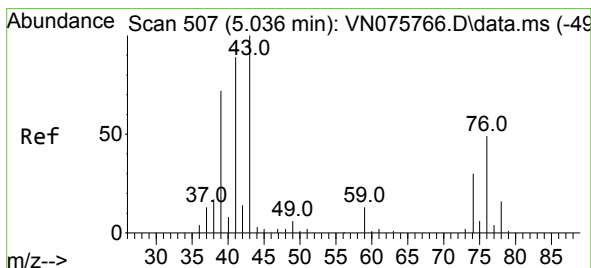
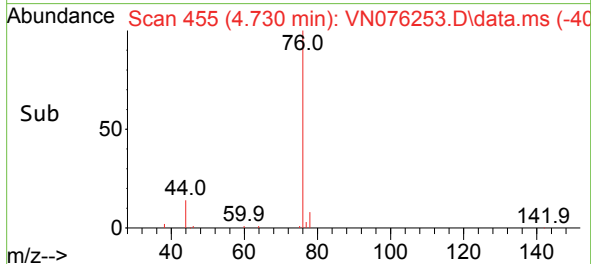
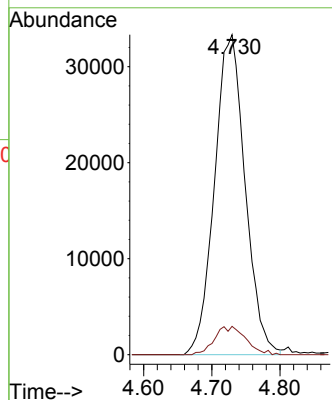
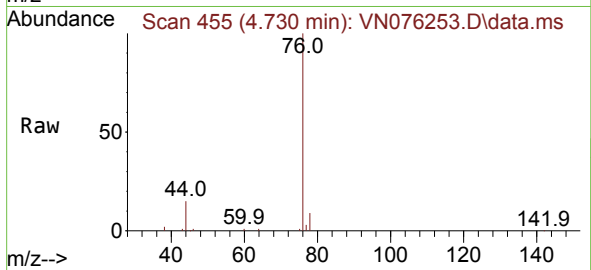




#17
Carbon Disulfide
Concen: 13.665 ug/l
RT: 4.730 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

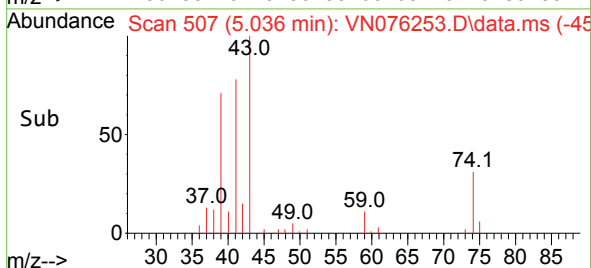
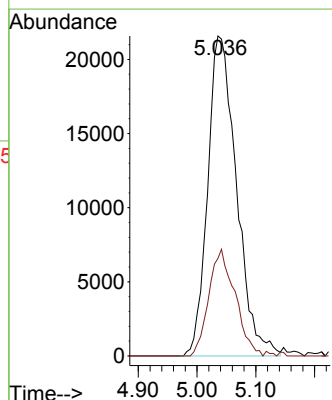
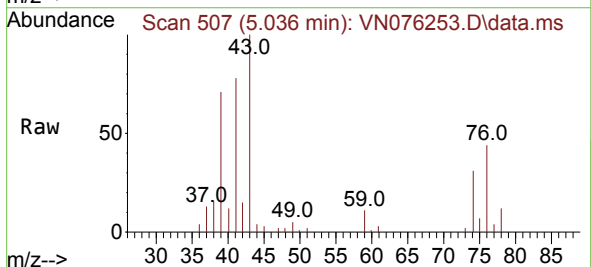
Instrument :
MSVOA_N
ClientSampleId :

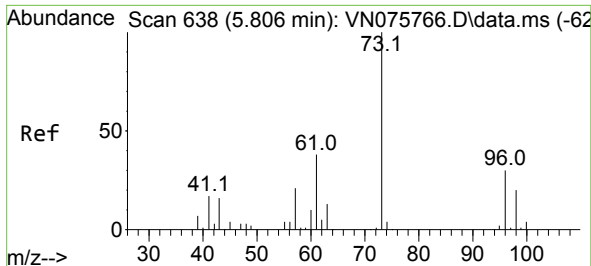
Tgt Ion: 76 Resp: 104045
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 18.690 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 43 Resp: 73512
Ion Ratio Lower Upper
43 100
74 30.4 23.6 35.4

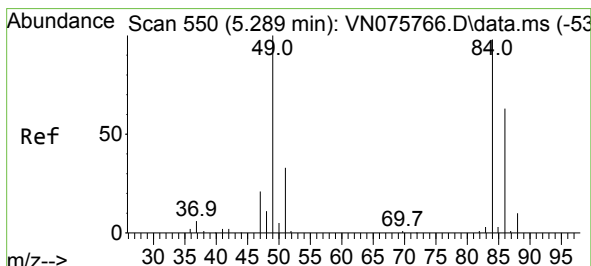
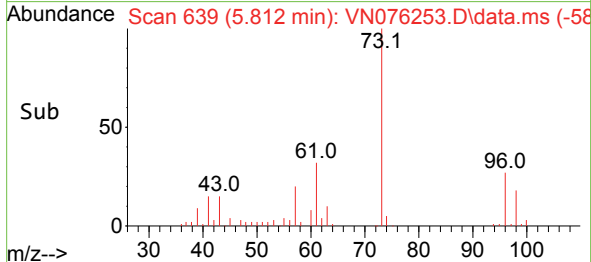
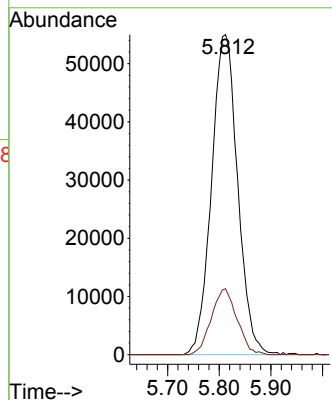
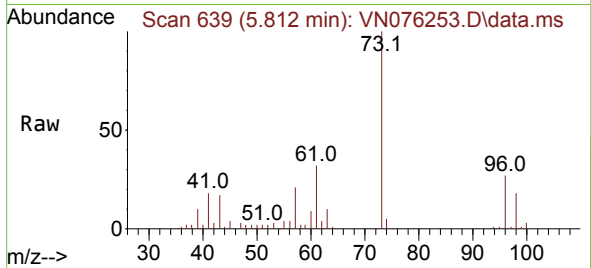




#19
Methyl tert-butyl Ether
Concen: 18.630 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

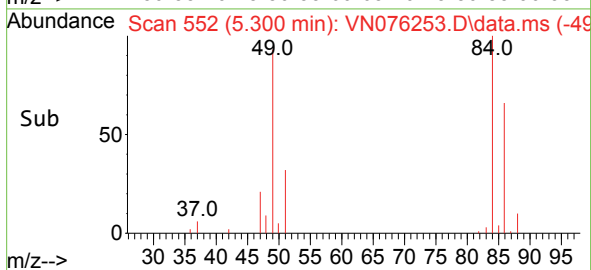
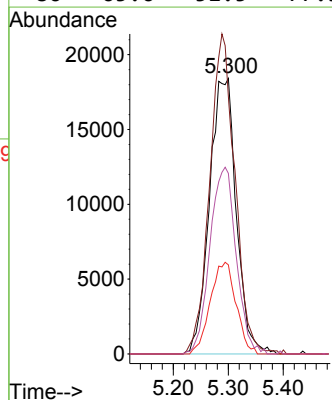
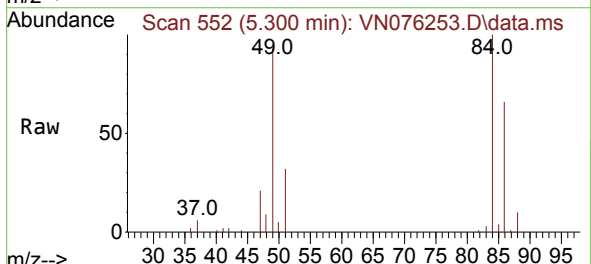
Instrument :
MSVOA_N
ClientSampleId :

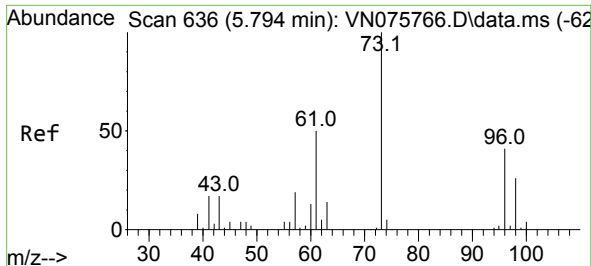
Tgt Ion: 73 Resp: 192926
Ion Ratio Lower Upper
73 100
57 20.6 17.1 25.7



#20
Methylene Chloride
Concen: 17.065 ug/l
RT: 5.300 min Scan# 552
Delta R.T. 0.011 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 84 Resp: 62246
Ion Ratio Lower Upper
84 100
49 93.5 81.8 122.6
51 32.3 26.7 40.1
86 65.6 51.5 77.3

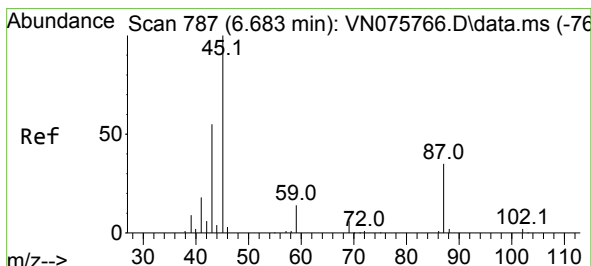
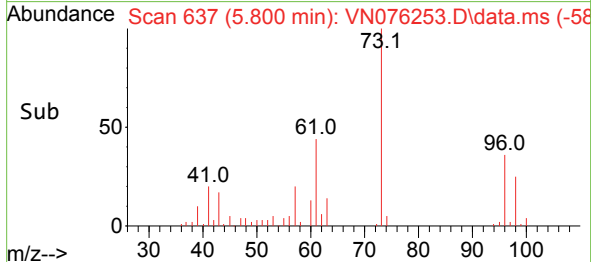
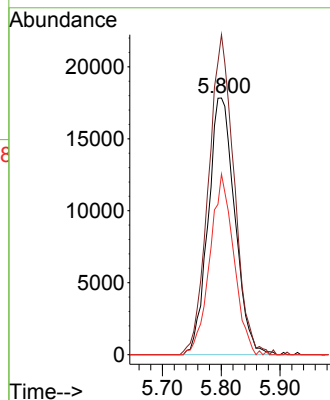
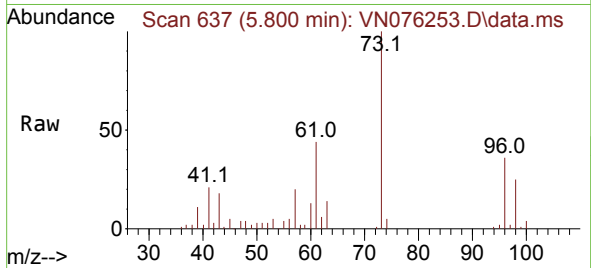




#21
trans-1,2-Dichloroethene
Concen: 16.300 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

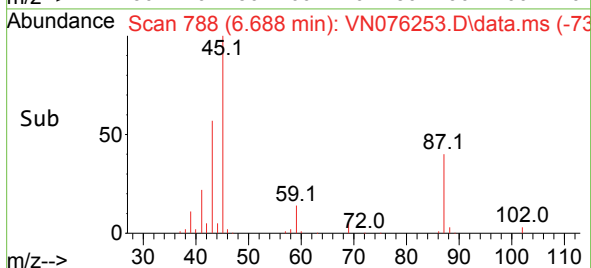
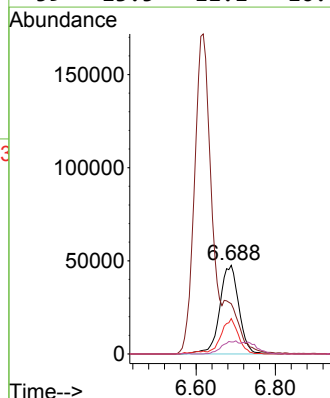
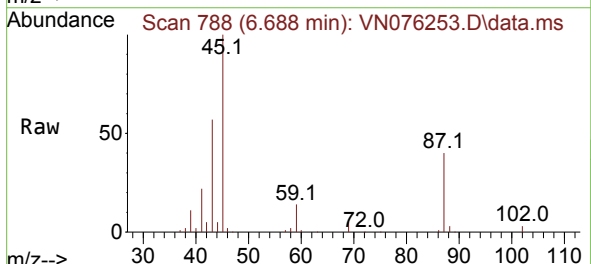
Instrument :
MSVOA_N
ClientSampleId :

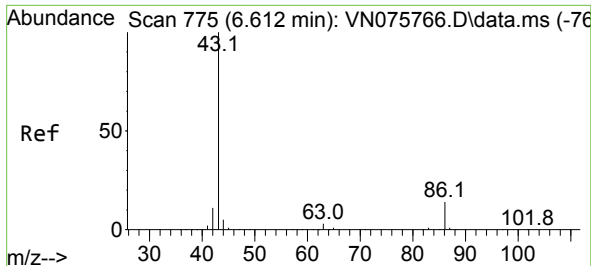
Tgt Ion: 96 Resp: 56136
Ion Ratio Lower Upper
96 100
61 124.7 98.1 147.1
98 70.3 51.4 77.2



#22
Diisopropyl ether
Concen: 17.818 ug/l
RT: 6.688 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 45 Resp: 159114
Ion Ratio Lower Upper
45 100
43 55.2 44.2 66.4
87 39.9 28.3 42.5
59 13.5 11.1 16.7

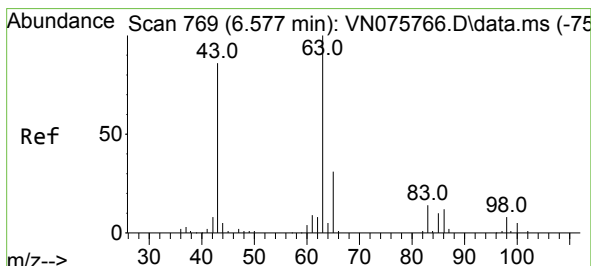
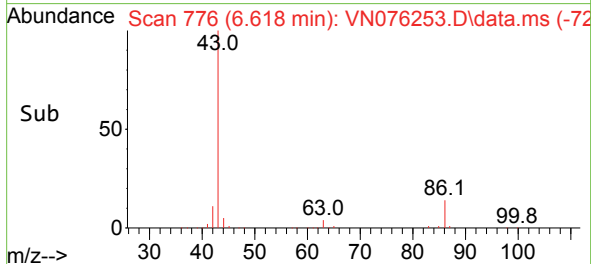
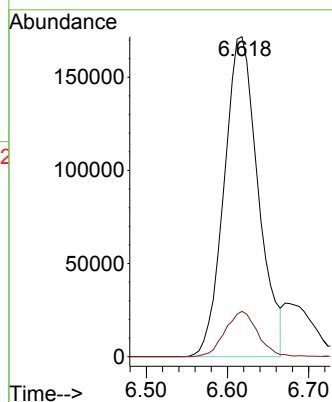
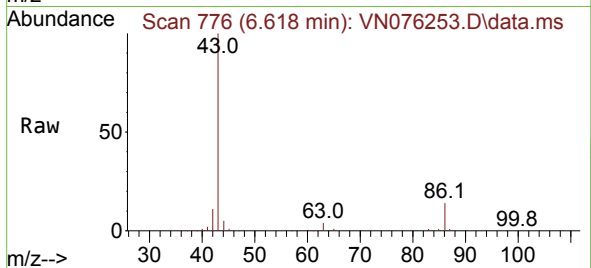




#23
 Vinyl Acetate
 Concen: 83.347 ug/l
 RT: 6.618 min Scan# 775
 Delta R.T. 0.006 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

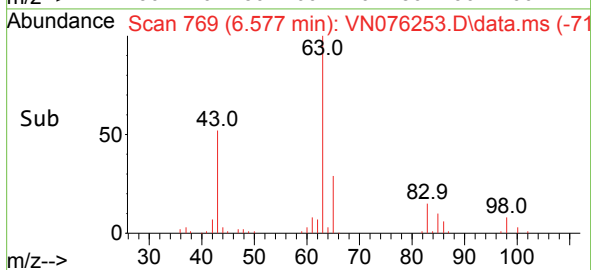
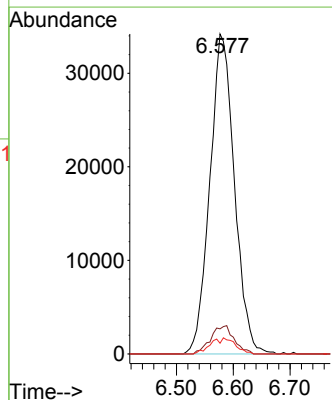
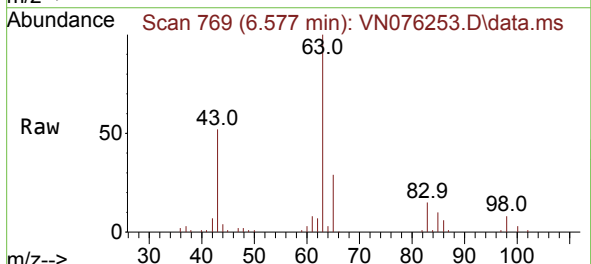
Instrument :
 MSVOA_N
 ClientSampleId :

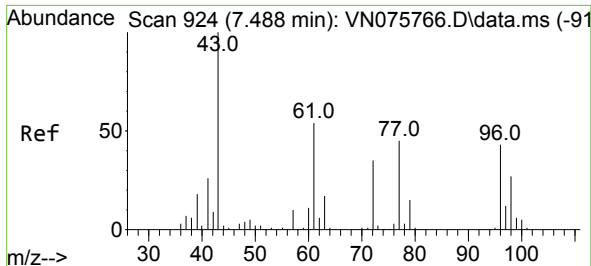
Tgt Ion: 43 Resp: 500974
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 17.254 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

Tgt Ion: 63 Resp: 102757
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.5
 100 3.3 2.5 7.6

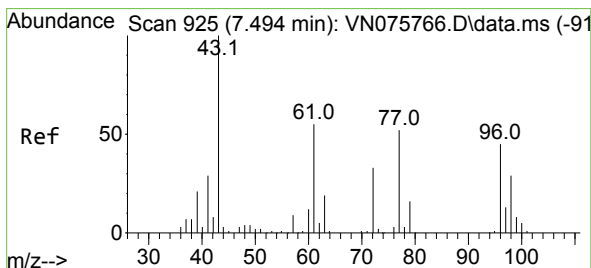
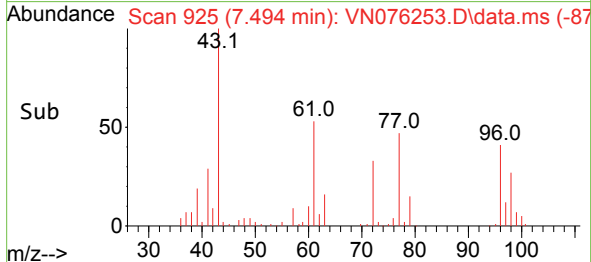
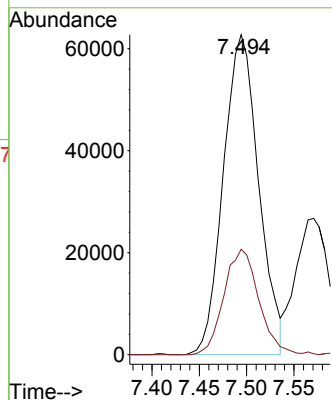
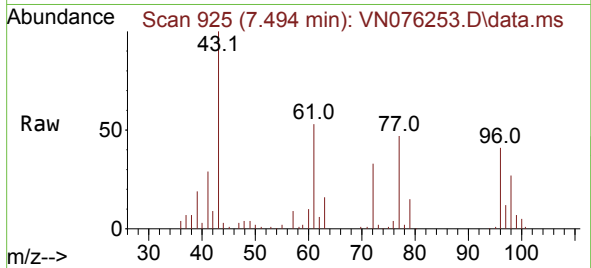




#25
2-Butanone
Concen: 87.218 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

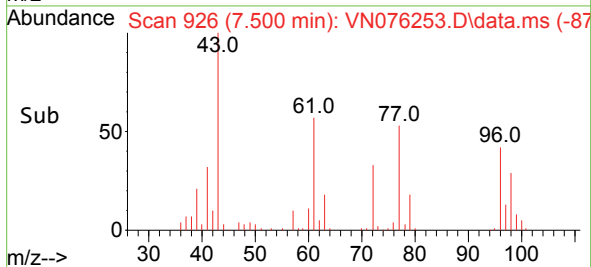
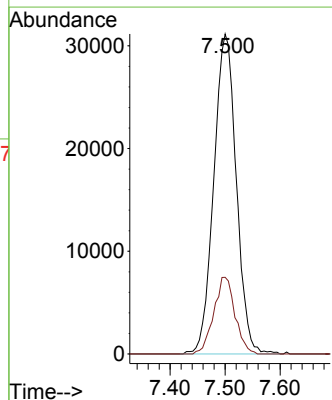
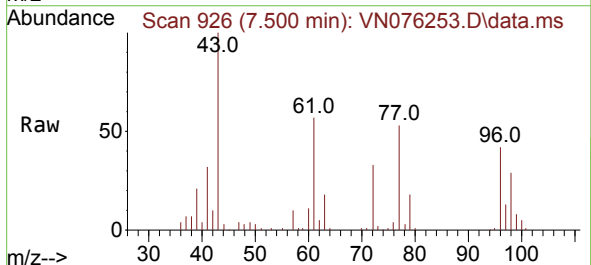
Instrument :
MSVOA_N
ClientSampleId :

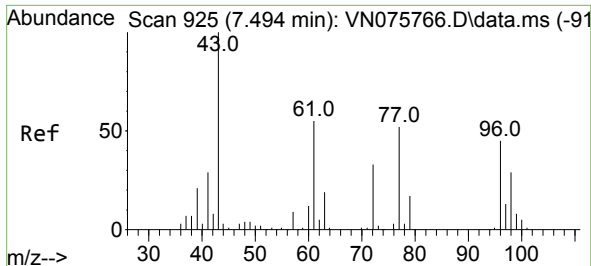
Tgt Ion: 43 Resp: 162497
Ion Ratio Lower Upper
43 100
72 33.0 28.0 42.0



#26
2,2-Dichloropropane
Concen: 17.568 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 77 Resp: 88607
Ion Ratio Lower Upper
77 100
97 22.6 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 16.933 ug/l

RT: 7.494 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

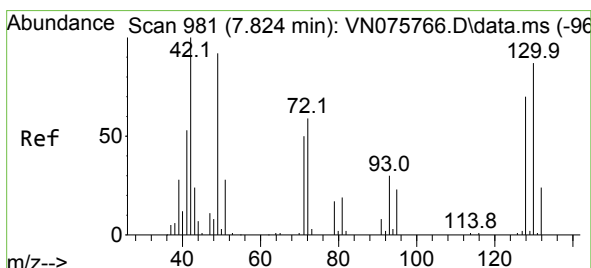
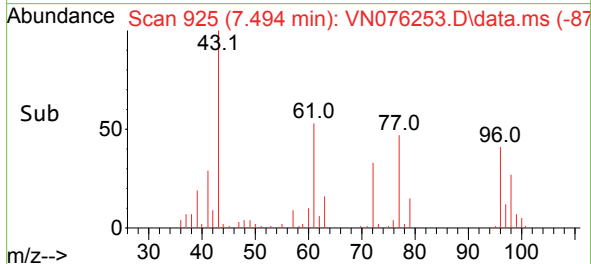
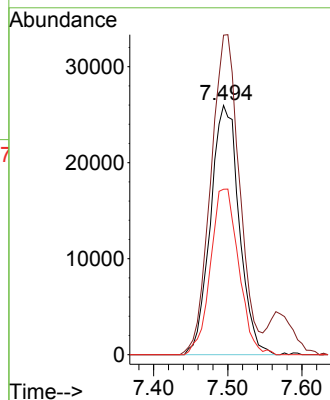
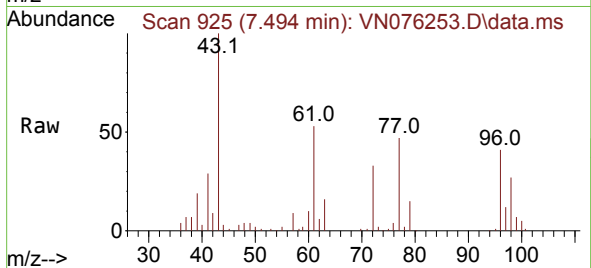
Tgt Ion: 96 Resp: 69744

Ion Ratio Lower Upper

96 100

61 129.2 0.0 247.8

98 65.4 0.0 128.4



#28

Bromochloromethane

Concen: 17.624 ug/l

RT: 7.824 min Scan# 981

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

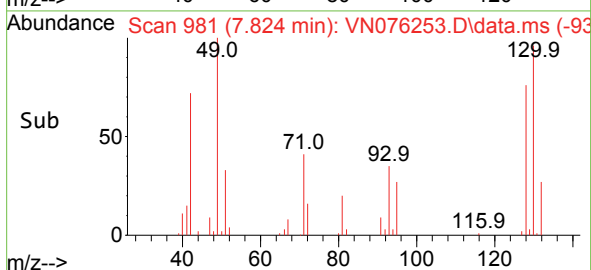
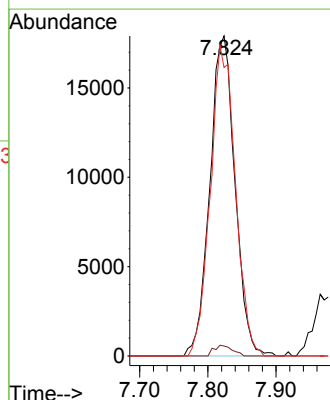
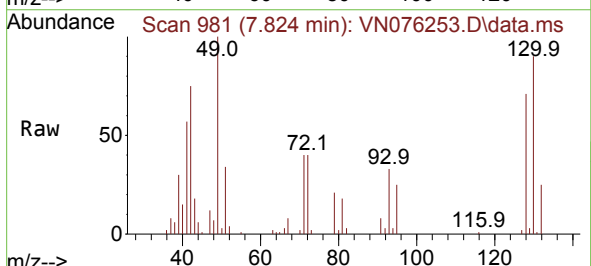
Tgt Ion: 49 Resp: 46005

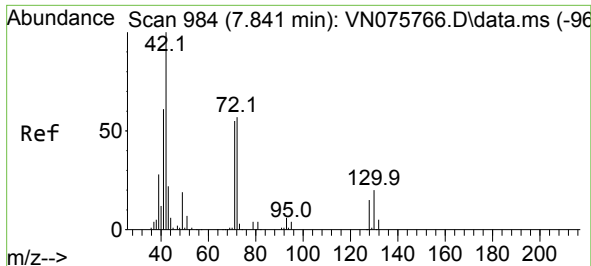
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

130 96.7 77.0 115.4





#29

Tetrahydrofuran

Concen: 91.217 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

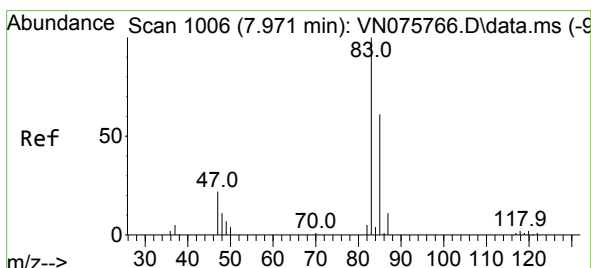
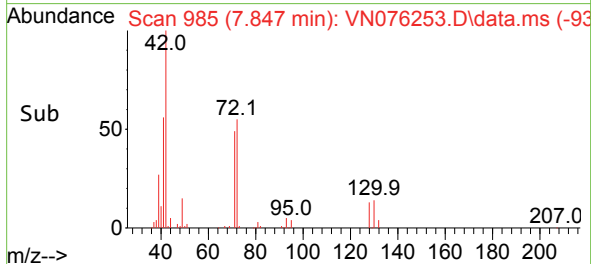
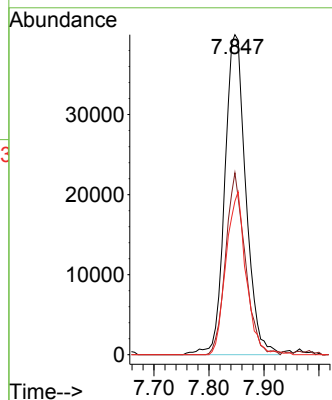
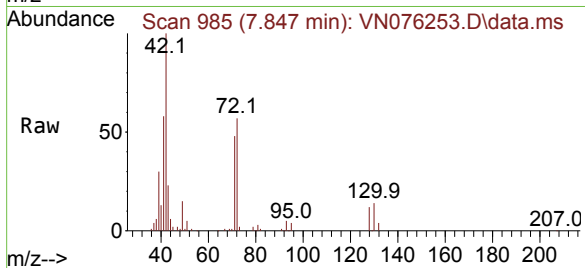
Tgt Ion: 42 Resp: 106502

Ion Ratio Lower Upper

42 100

72 52.7 44.5 66.7

71 48.0 41.0 61.6



#30

Chloroform

Concen: 16.999 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VN076253.D

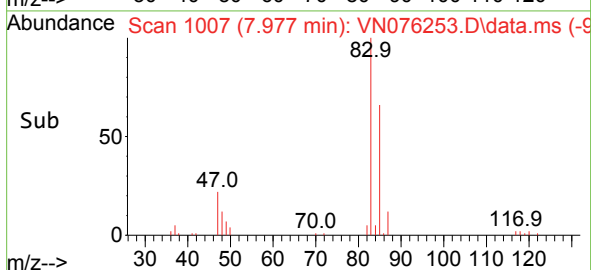
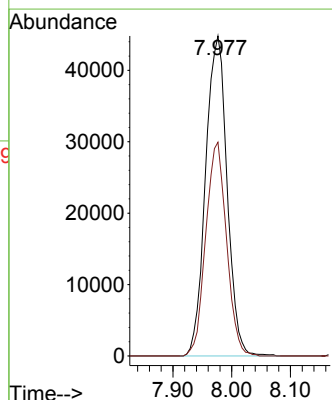
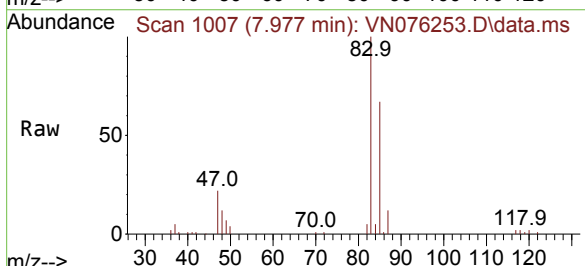
Acq: 13 Jan 2023 17:03

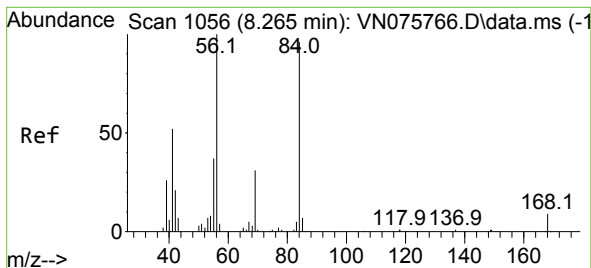
Tgt Ion: 83 Resp: 113987

Ion Ratio Lower Upper

83 100

85 66.8 49.1 73.7





#31

Cyclohexane

Concen: 16.526 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

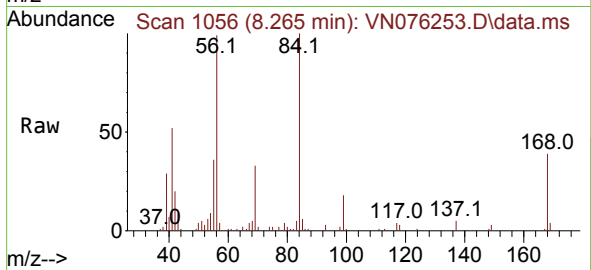
Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :



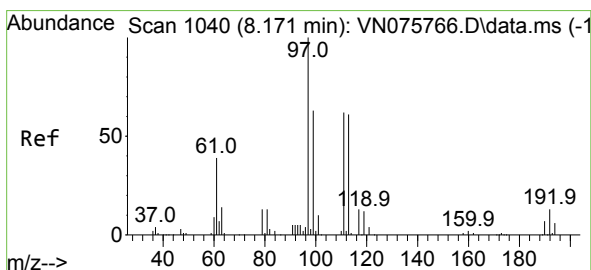
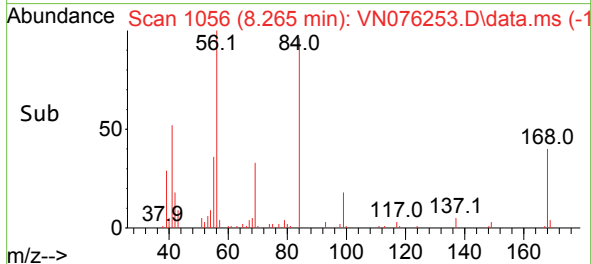
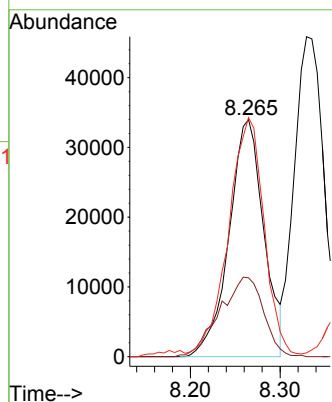
Tgt Ion: 56 Resp: 91359

Ion Ratio Lower Upper

56 100

69 32.5 24.7 37.1

84 98.1 76.5 114.7



#32

1,1,1-Trichloroethane

Concen: 16.887 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

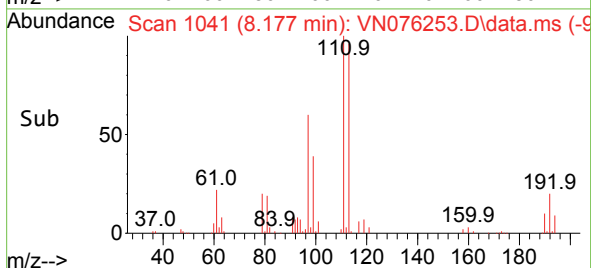
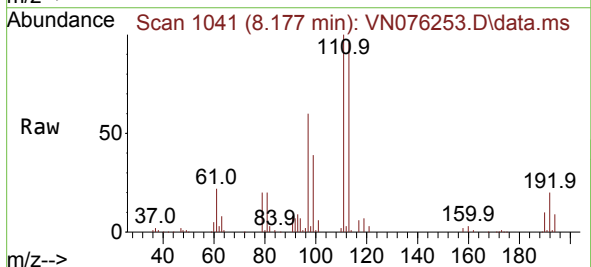
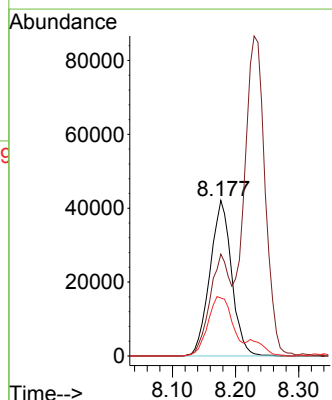
Tgt Ion: 97 Resp: 100390

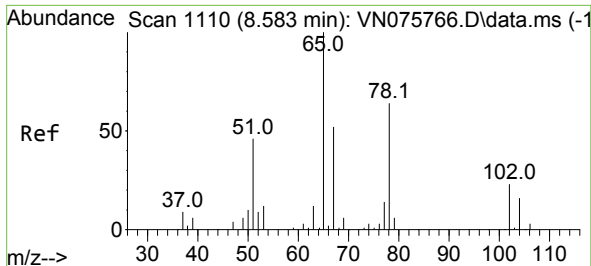
Ion Ratio Lower Upper

97 100

99 60.9 50.2 75.2

61 43.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.262 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

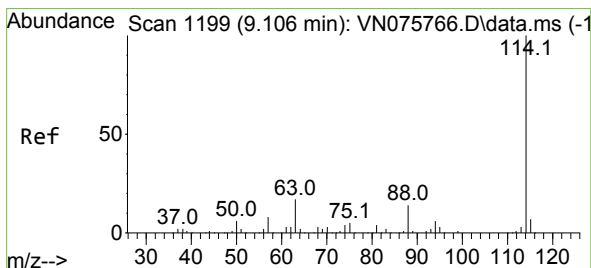
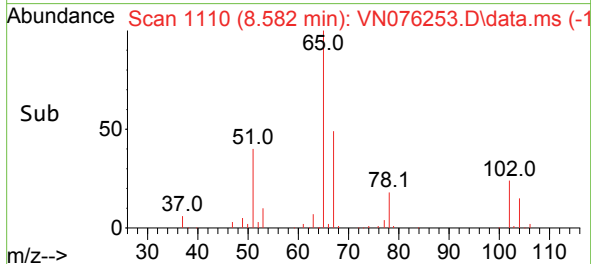
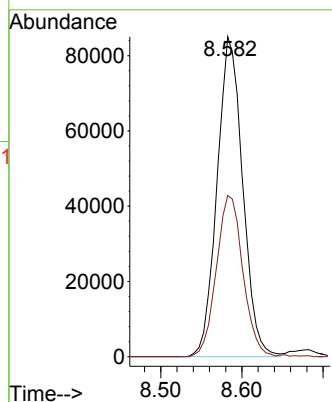
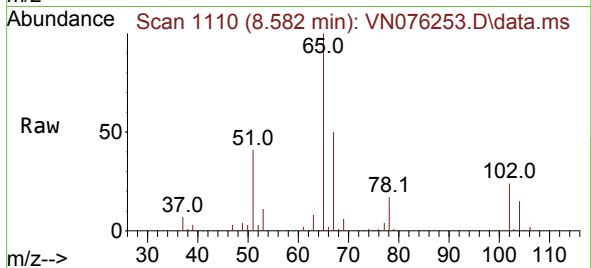
ClientSampleId :

Tgt Ion: 65 Resp: 186292

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

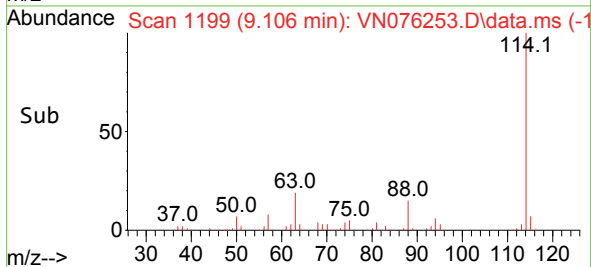
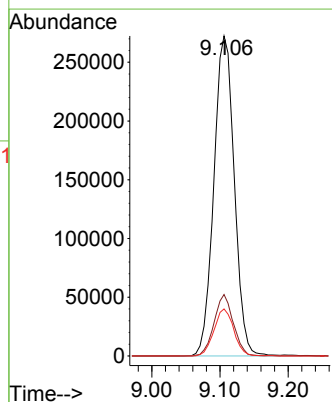
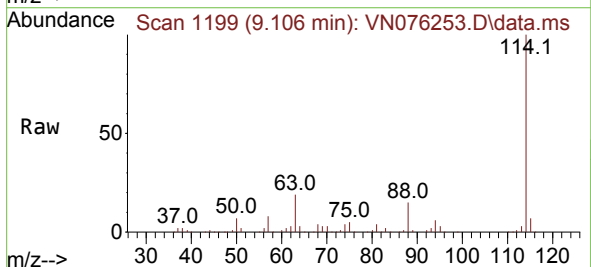
Tgt Ion:114 Resp: 568425

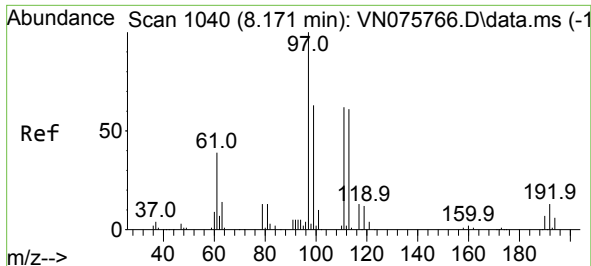
Ion Ratio Lower Upper

114 100

63 19.2 0.0 34.4

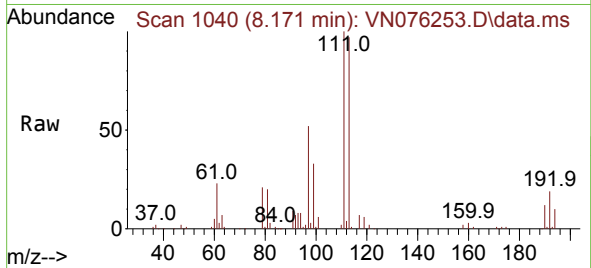
88 14.7 0.0 28.8



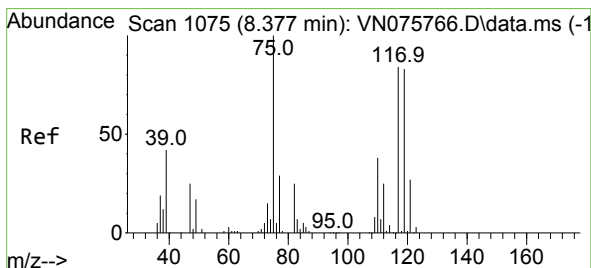
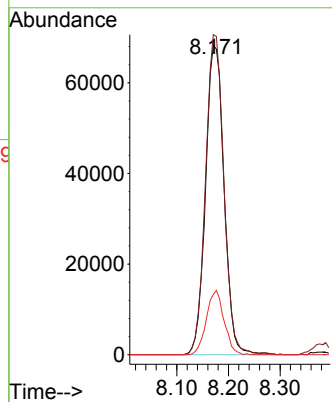
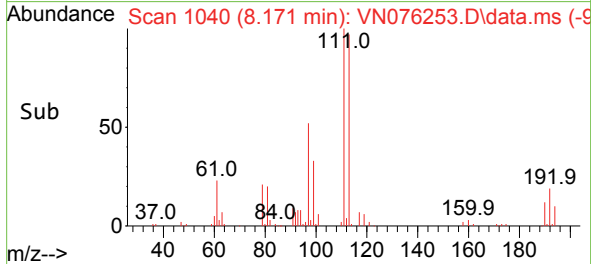


#35
Dibromofluoromethane
Concen: 48.189 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :

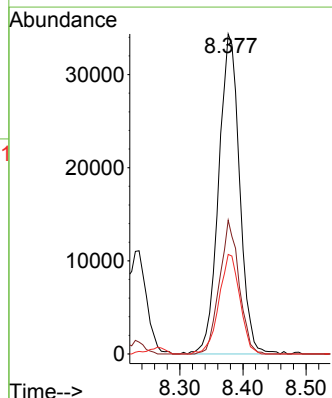
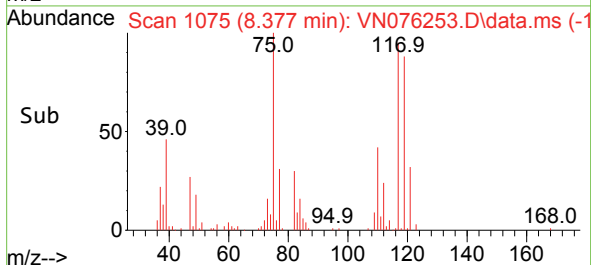
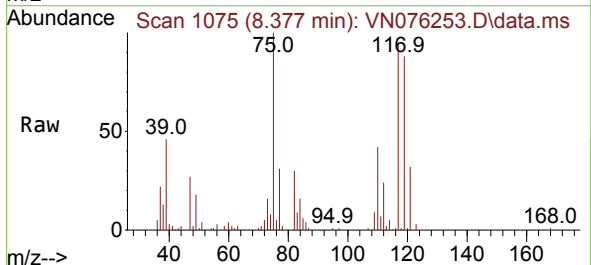


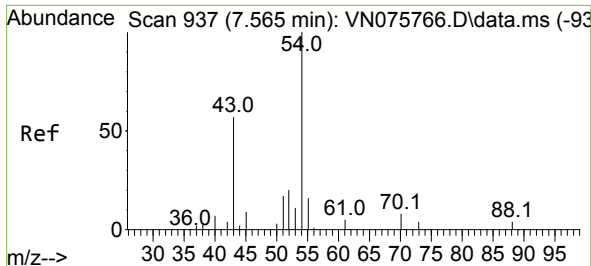
Tgt Ion:113 Resp: 169632
Ion Ratio Lower Upper
113 100
111 102.7 83.4 125.2
192 19.9 16.1 24.1



#36
1,1-Dichloropropene
Concen: 16.880 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

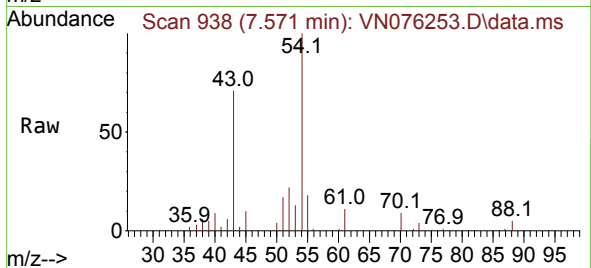
Tgt Ion: 75 Resp: 78933
Ion Ratio Lower Upper
75 100
110 39.0 18.8 56.4
77 31.1 24.1 36.1





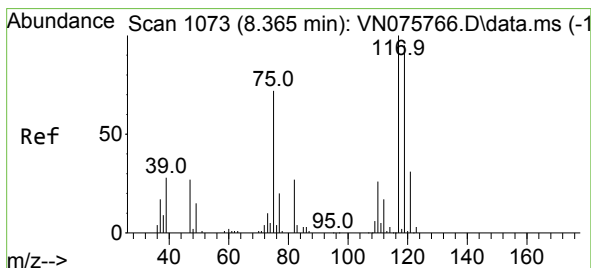
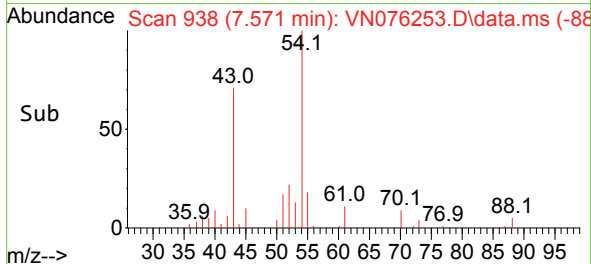
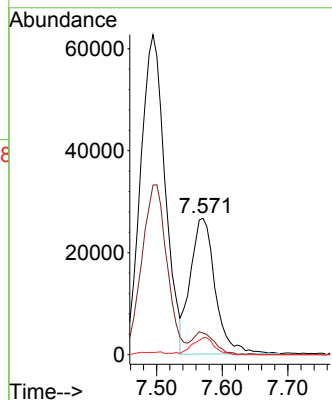
#37
Ethyl Acetate
Concen: 18.697 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 43 Resp: 70228

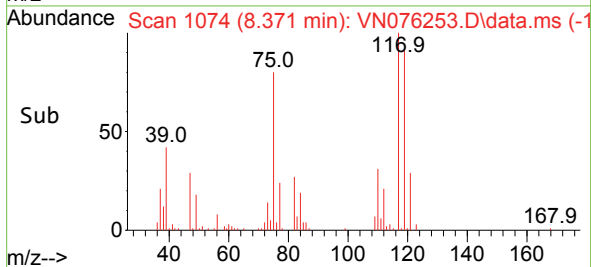
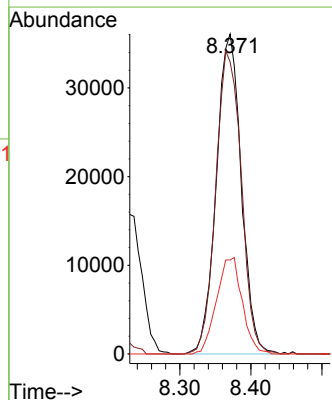
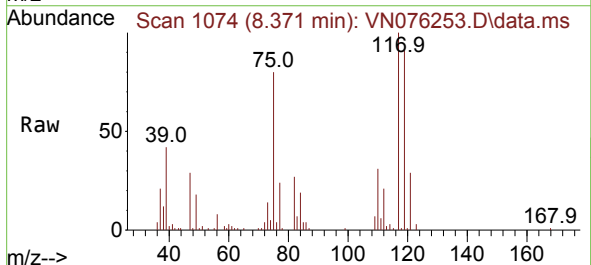
Ion	Ratio	Lower	Upper
43	100		
61	14.6	13.0	19.4
70	11.3	9.4	14.0

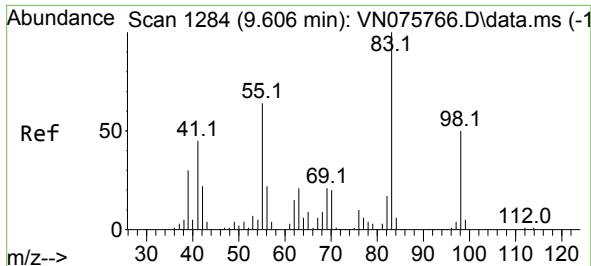


#38
Carbon Tetrachloride
Concen: 16.801 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 117 Resp: 87934

Ion	Ratio	Lower	Upper
117	100		
119	91.3	76.1	114.1
121	29.4	24.5	36.7





#39

Methylcyclohexane

Concen: 17.556 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

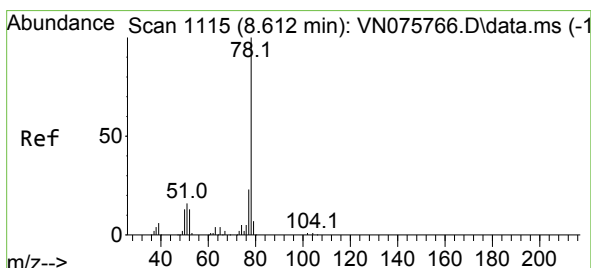
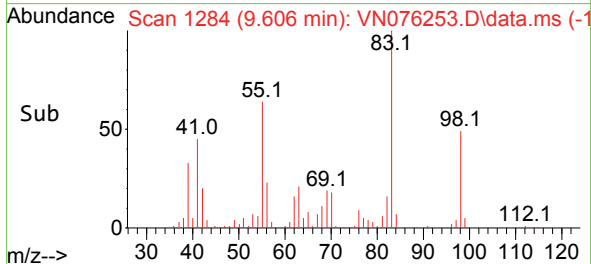
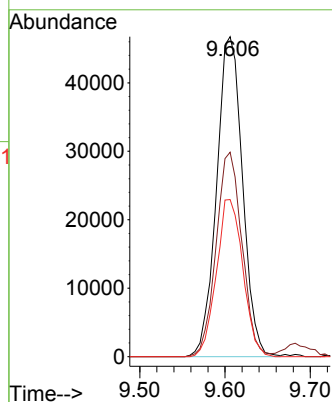
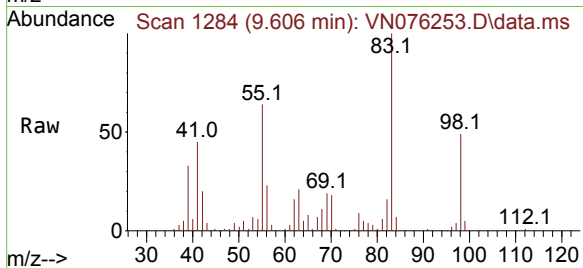
Tgt Ion: 83 Resp: 99043

Ion Ratio Lower Upper

83 100

55 63.9 51.4 77.0

98 49.1 39.8 59.8



#40

Benzene

Concen: 16.722 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076253.D

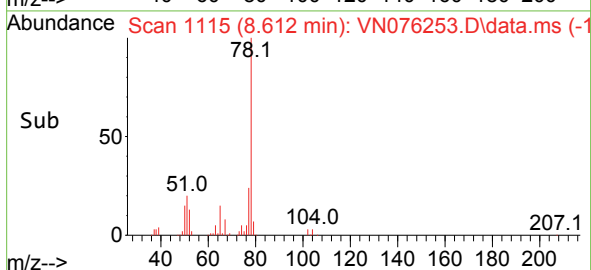
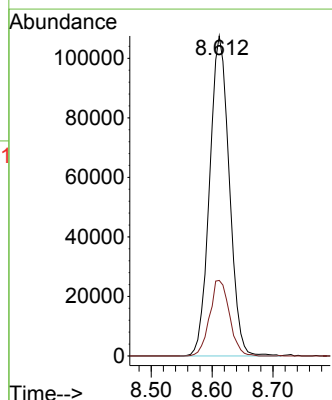
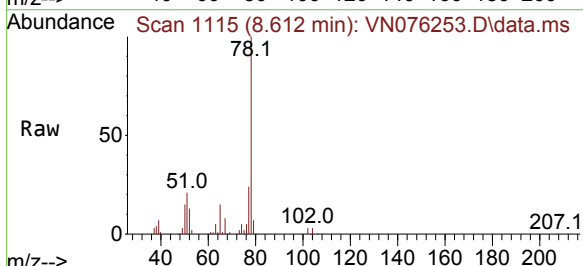
Acq: 13 Jan 2023 17:03

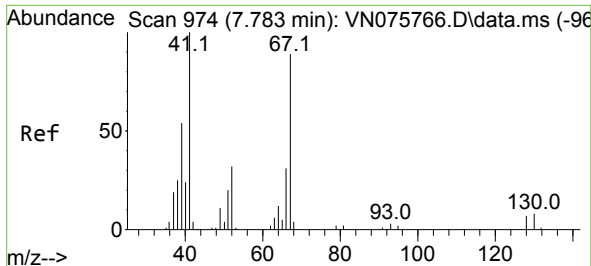
Tgt Ion: 78 Resp: 241258

Ion Ratio Lower Upper

78 100

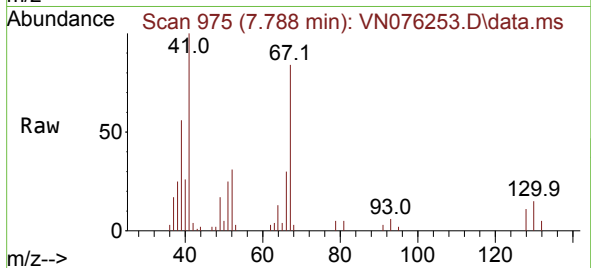
77 23.6 18.5 27.7



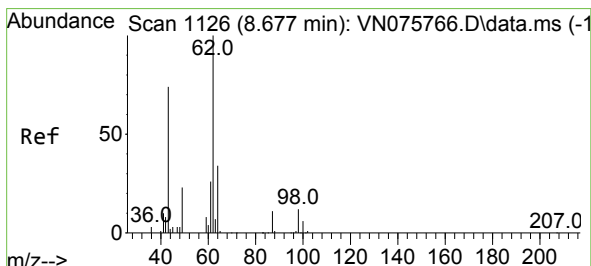
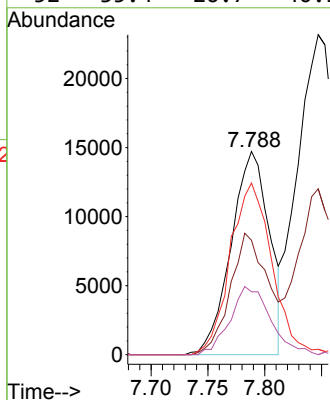
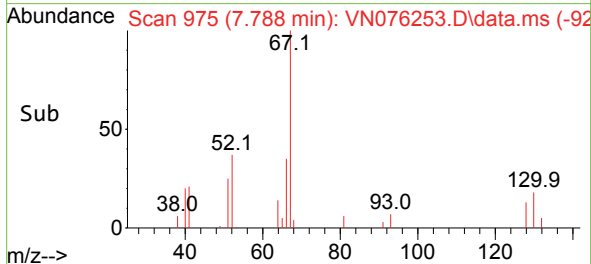


#41
Methacrylonitrile
Concen: 17.676 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :

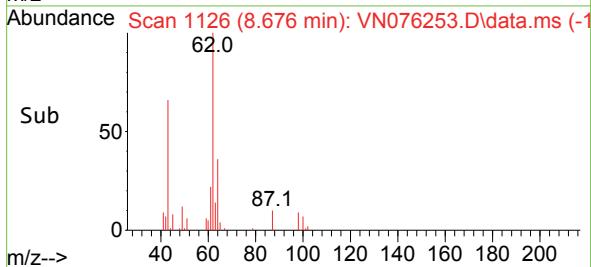
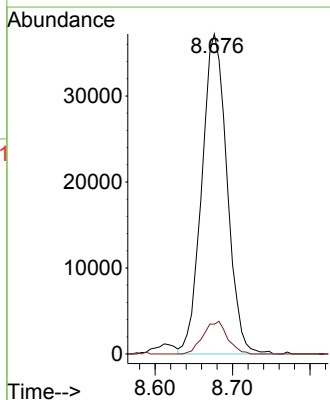
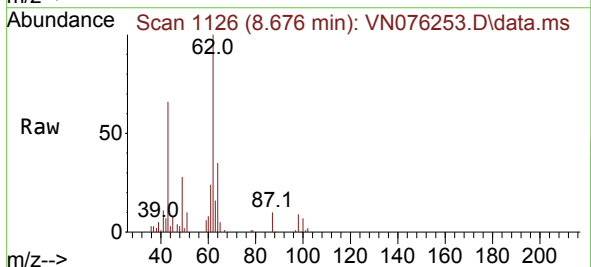


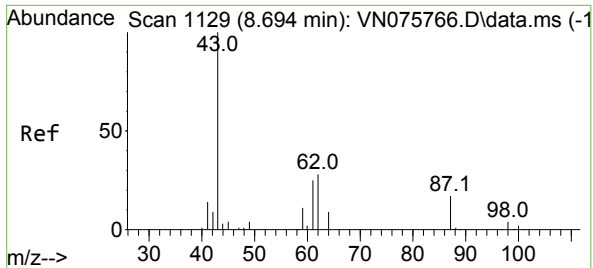
Tgt Ion: 41	Resp: 34511
Ion Ratio	Lower Upper
41 100	
39 58.1	43.1 64.7
67 92.7	70.7 106.1
52 35.4	26.7 40.1



#42
1,2-Dichloroethane
Concen: 17.513 ug/l
RT: 8.676 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 62	Resp: 84003
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 20.8

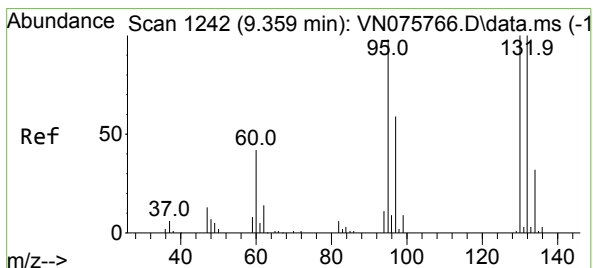
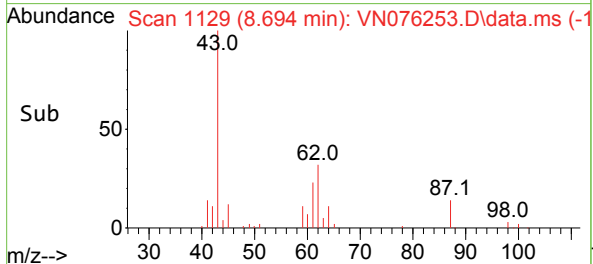
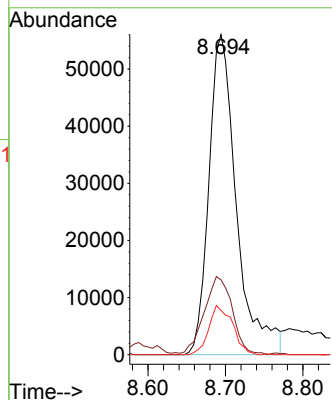
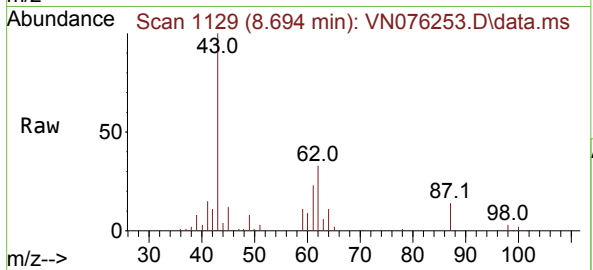




#43
Isopropyl Acetate
Concen: 22.352 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

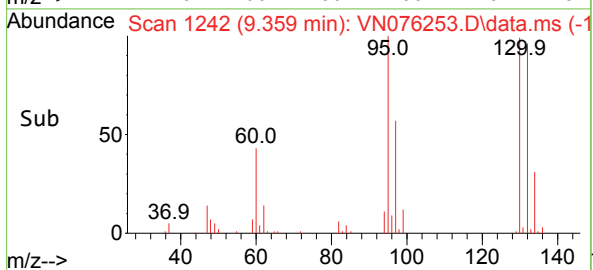
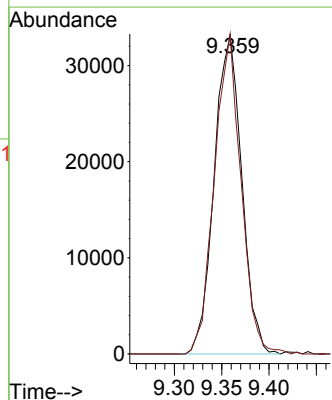
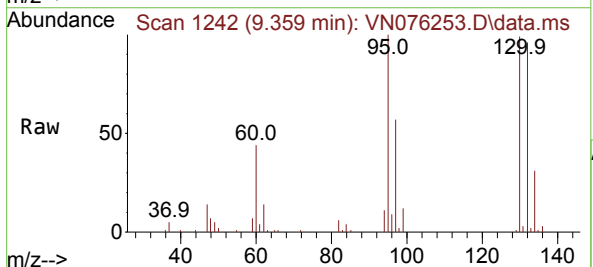
Instrument :
MSVOA_N
ClientSampleId :

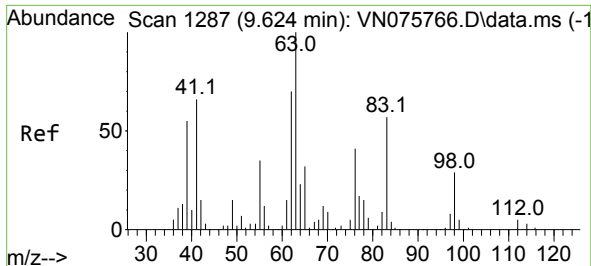
Tgt Ion: 43 Resp: 138496
Ion Ratio Lower Upper
43 100
61 24.8 24.2 36.4
87 13.3 13.3 19.9#



#44
Trichloroethene
Concen: 16.520 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion:130 Resp: 67146
Ion Ratio Lower Upper
130 100
95 100.5 0.0 195.4

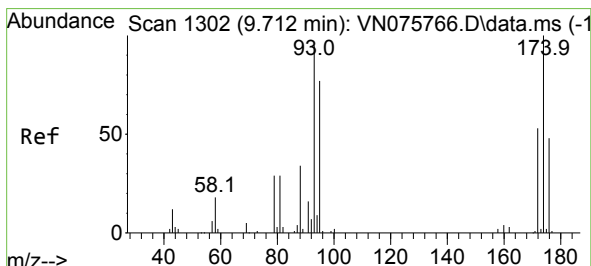
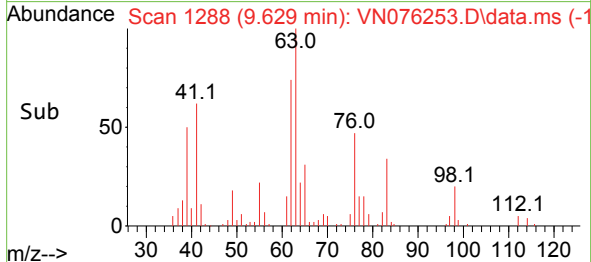
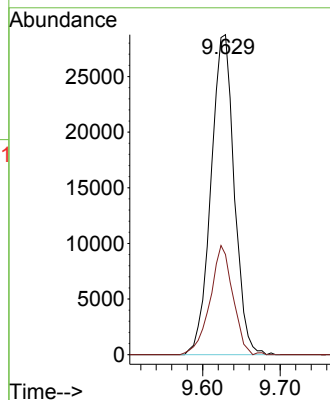
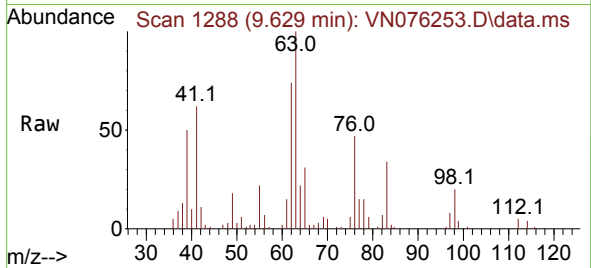




#45
1,2-Dichloropropane
Concen: 17.049 ug/l
RT: 9.629 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

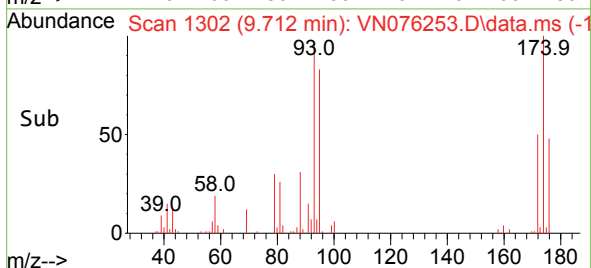
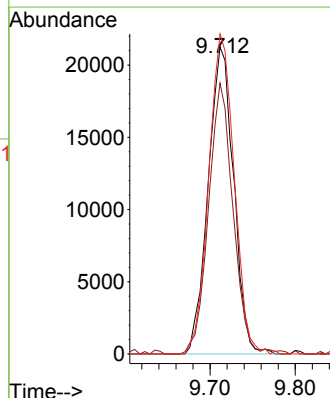
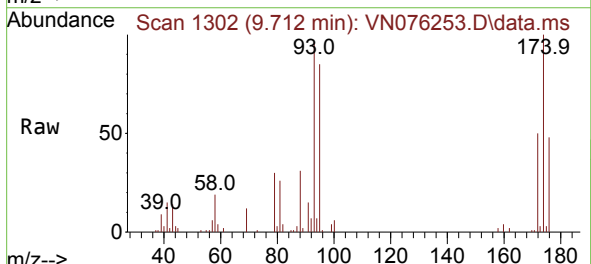
Instrument :
MSVOA_N
ClientSampleId :

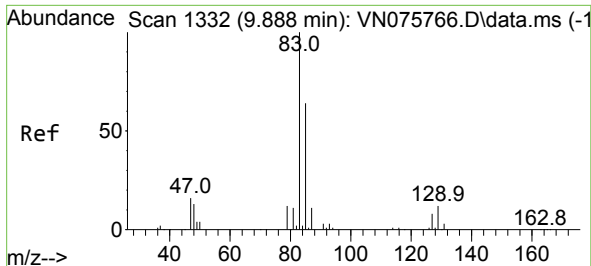
Tgt Ion: 63 Resp: 59856
Ion Ratio Lower Upper
63 100
65 31.3 25.7 38.5



#46
Dibromomethane
Concen: 16.964 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 93 Resp: 44176
Ion Ratio Lower Upper
93 100
95 84.9 65.2 97.8
174 103.9 82.4 123.6

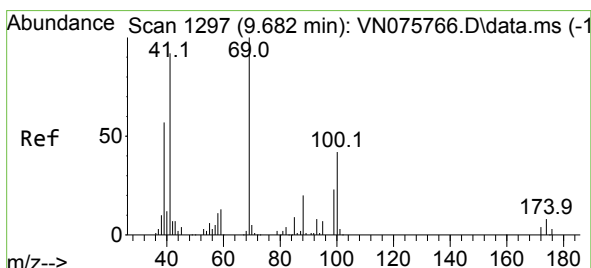
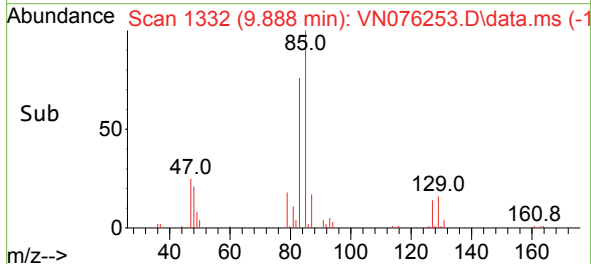
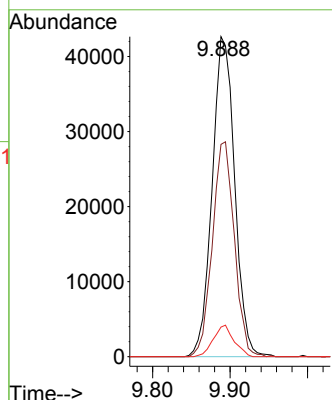
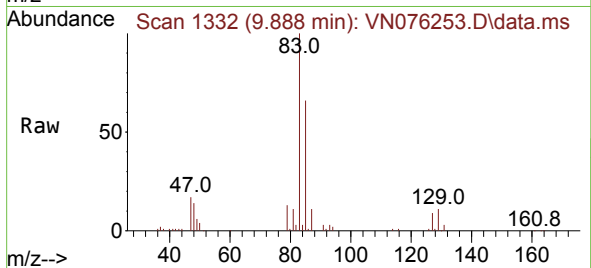




#47
Bromodichloromethane
Concen: 16.863 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

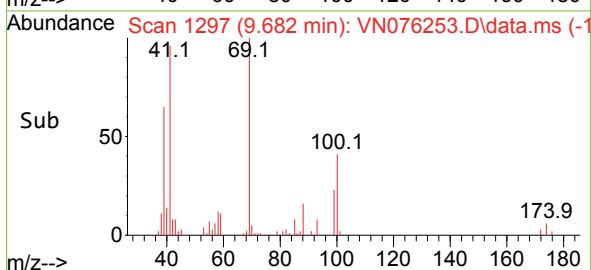
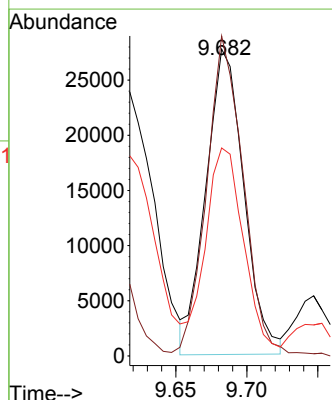
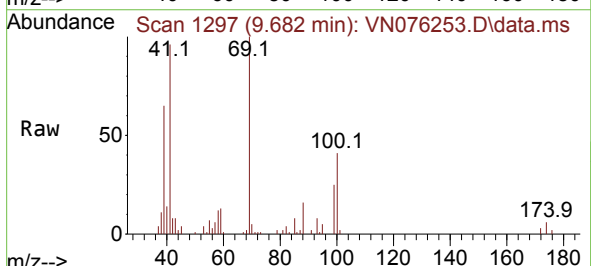
Instrument :
MSVOA_N
ClientSampleId :

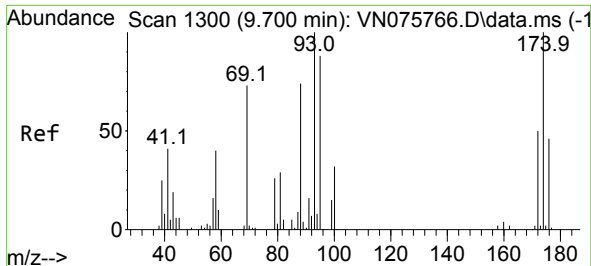
Tgt Ion: 83 Resp: 86112
Ion Ratio Lower Upper
83 100
85 66.4 51.5 77.3
127 9.3 6.6 10.0



#48
Methyl methacrylate
Concen: 18.457 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 41 Resp: 51506
Ion Ratio Lower Upper
41 100
69 101.3 81.9 122.9
39 70.0 51.6 77.4





#49

1,4-Dioxane

Concen: 334.664 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

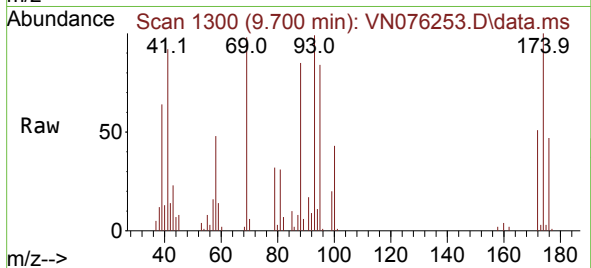
Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :



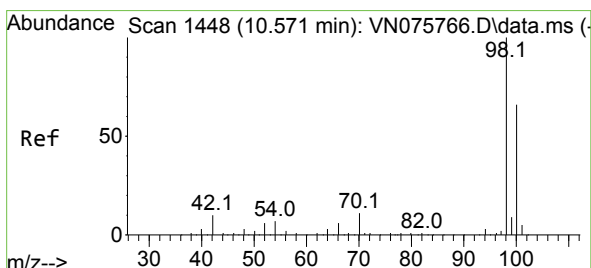
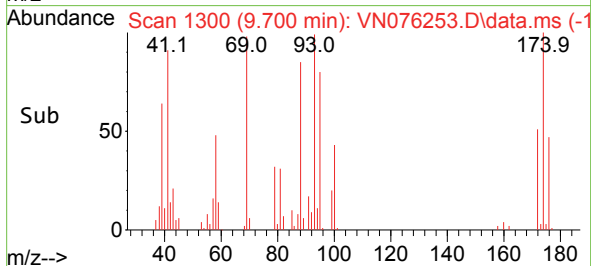
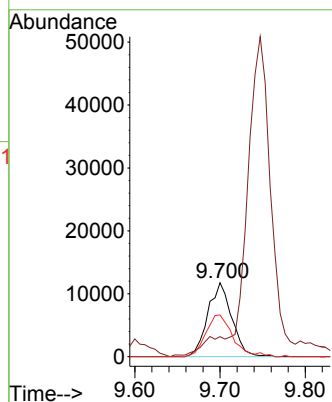
Tgt Ion: 88 Resp: 22960

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7#

58 63.4 47.8 71.8



#50

Toluene-d8

Concen: 45.550 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076253.D

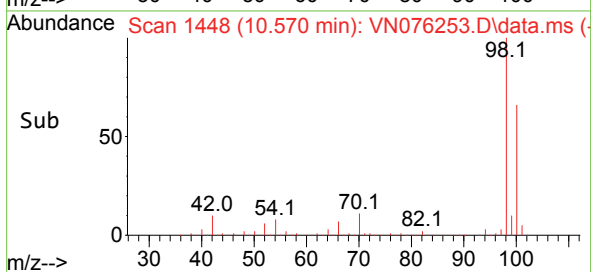
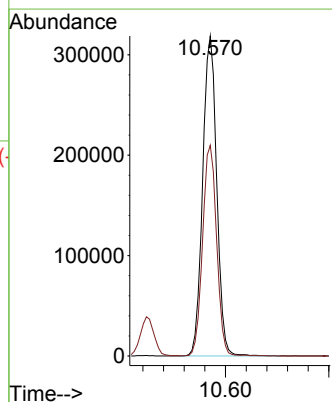
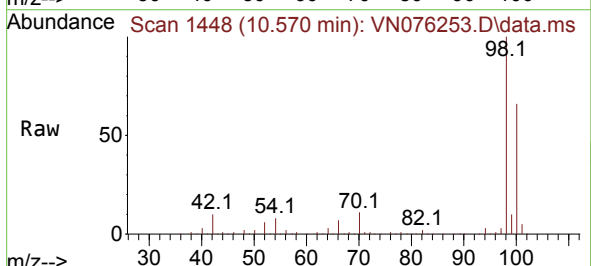
Acq: 13 Jan 2023 17:03

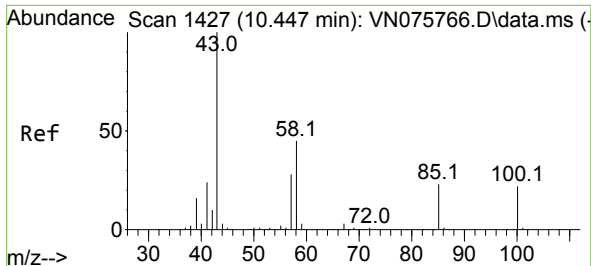
Tgt Ion: 98 Resp: 599503

Ion Ratio Lower Upper

98 100

100 65.9 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 93.641 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

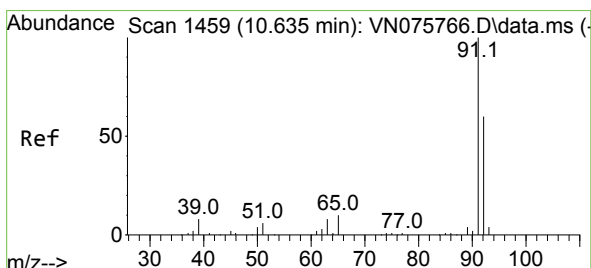
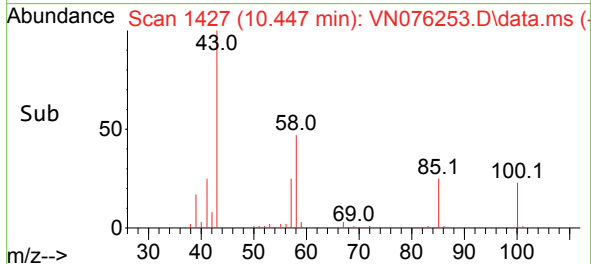
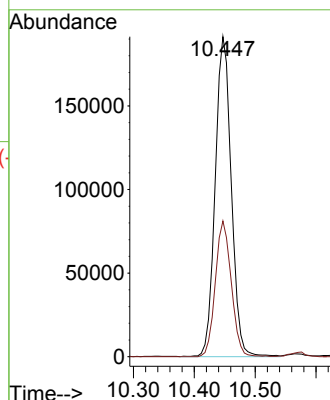
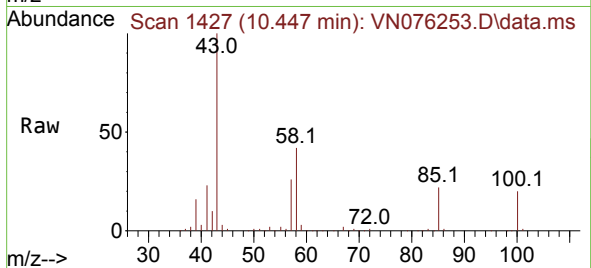
ClientSampleId :

Tgt Ion: 43 Resp: 350883

Ion Ratio Lower Upper

43 100

58 42.0 35.5 53.3



#52

Toluene

Concen: 17.464 ug/l

RT: 10.629 min Scan# 1458

Delta R.T. -0.006 min

Lab File: VN076253.D

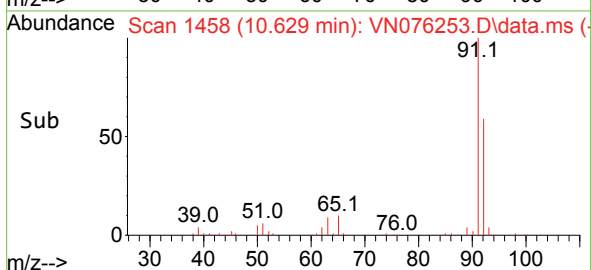
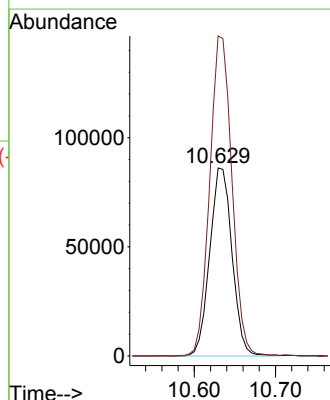
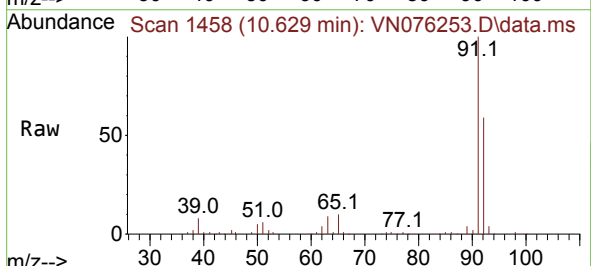
Acq: 13 Jan 2023 17:03

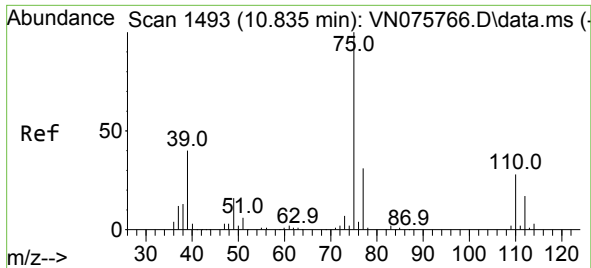
Tgt Ion: 92 Resp: 164102

Ion Ratio Lower Upper

92 100

91 170.4 137.3 205.9

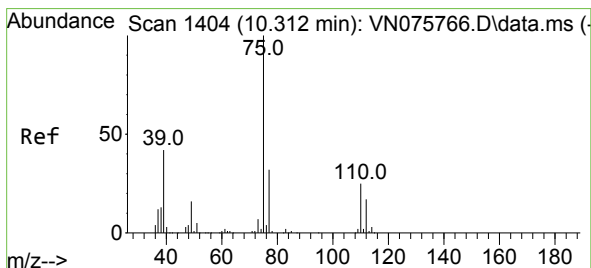
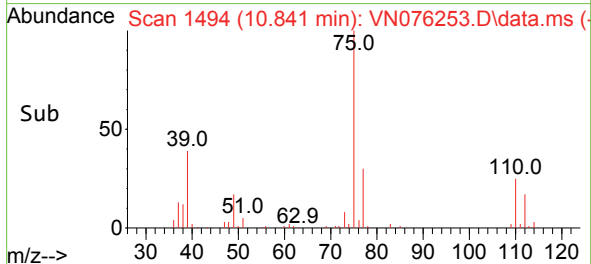
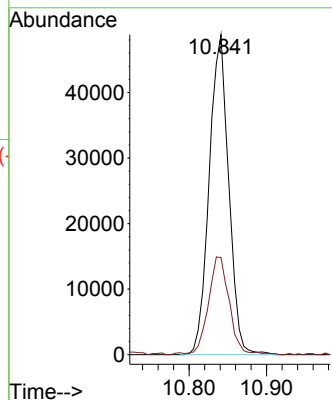
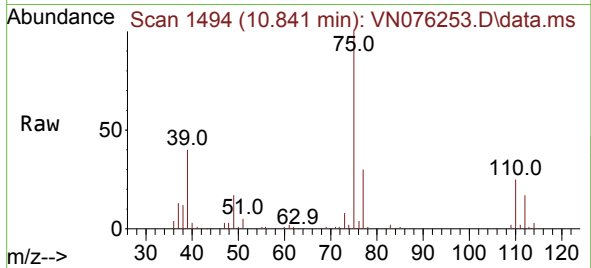




#53
 t-1,3-Dichloropropene
 Concen: 17.064 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

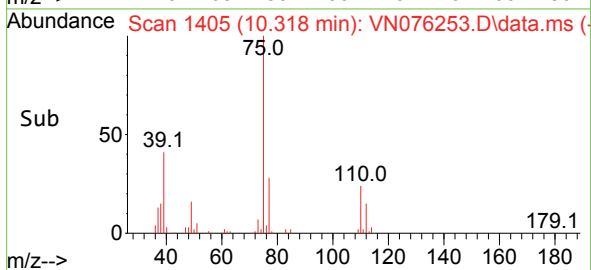
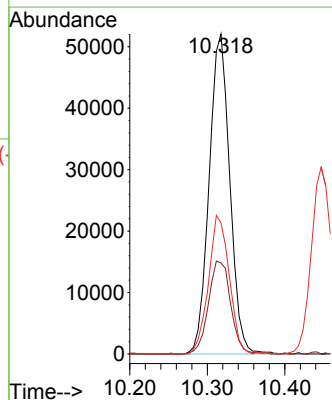
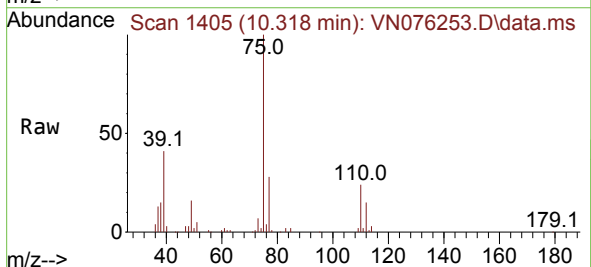
Instrument :
 MSVOA_N
 ClientSampleId :

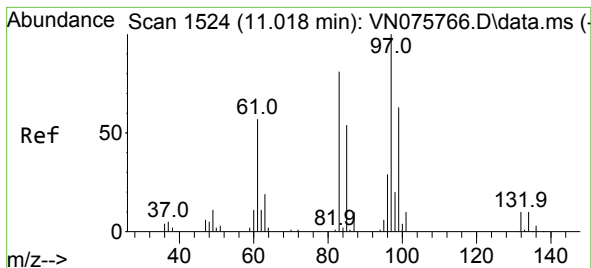
Tgt Ion: 75 Resp: 85301
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 17.592 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

Tgt Ion: 75 Resp: 96552
 Ion Ratio Lower Upper
 75 100
 77 28.4 25.8 38.8
 39 41.0 33.4 50.2





#55

1,1,2-Trichloroethane

Concen: 17.856 ug/l

RT: 11.018 min Scan# 1

Delta R.T. -0.000 min

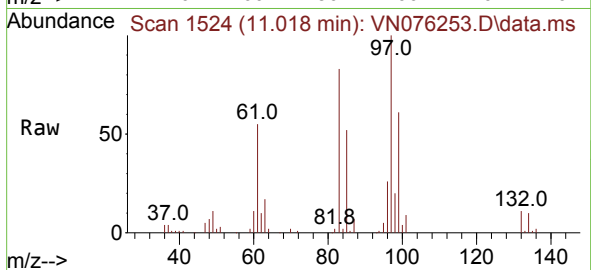
Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 65857

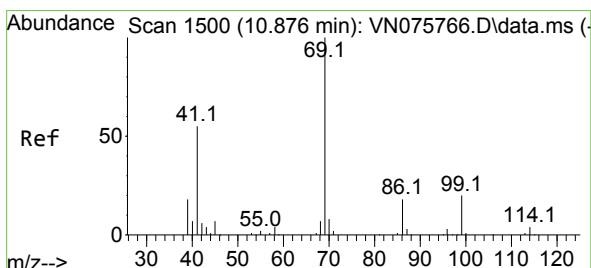
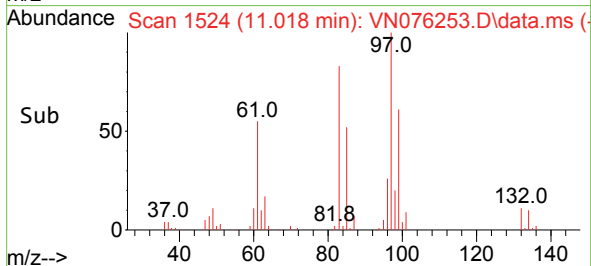
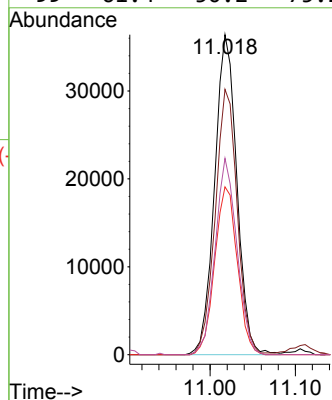
Ion Ratio Lower Upper

97 100

83 82.9 65.0 97.4

85 52.4 43.0 64.6

99 61.4 50.2 75.2



#56

Ethyl methacrylate

Concen: 18.251 ug/l

RT: 10.876 min Scan# 1500

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

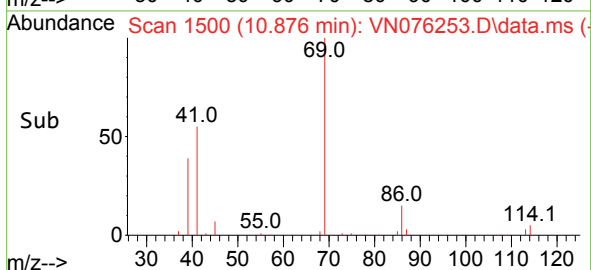
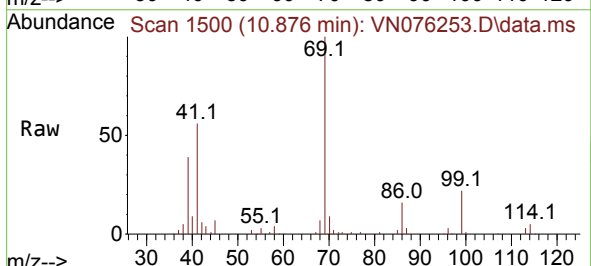
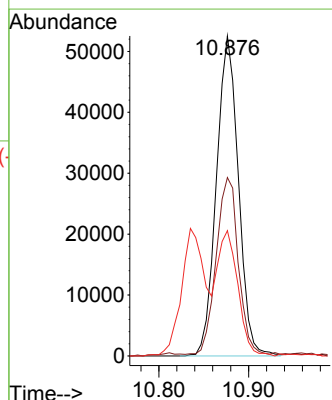
Tgt Ion: 69 Resp: 89409

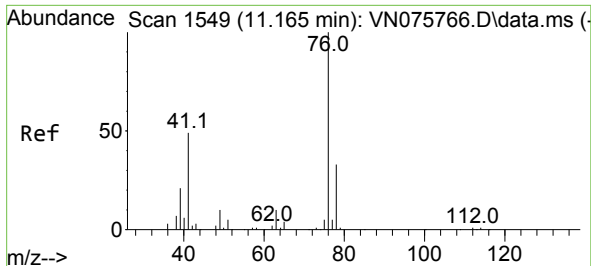
Ion Ratio Lower Upper

69 100

41 55.8 44.2 66.4

39 36.4 26.4 39.6





#57

1,3-Dichloropropane

Concen: 17.389 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

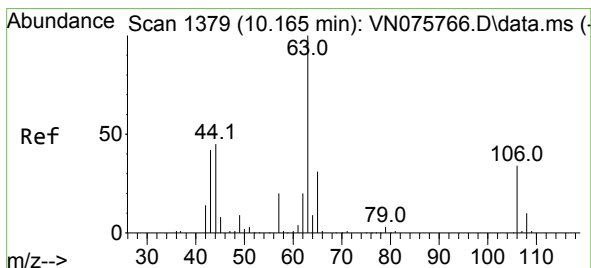
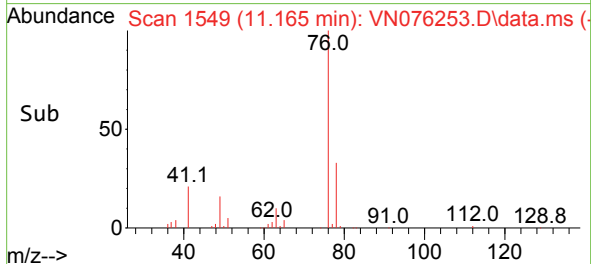
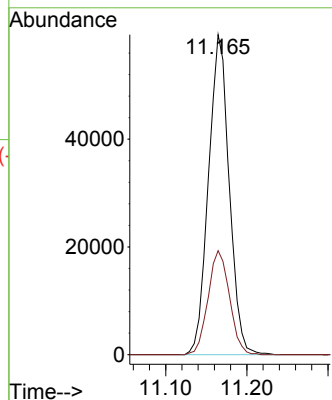
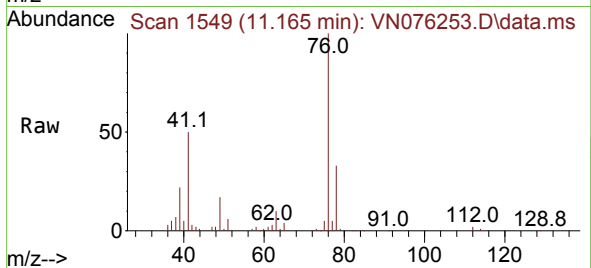
ClientSampleId :

Tgt Ion: 76 Resp: 105195

Ion Ratio Lower Upper

76 100

78 33.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 103.934 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076253.D

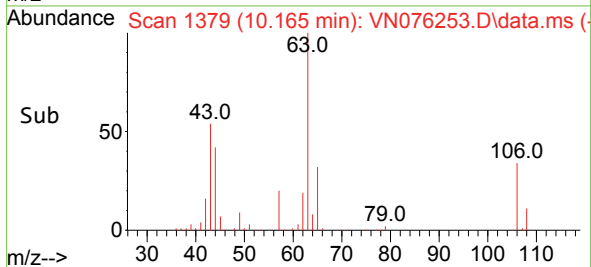
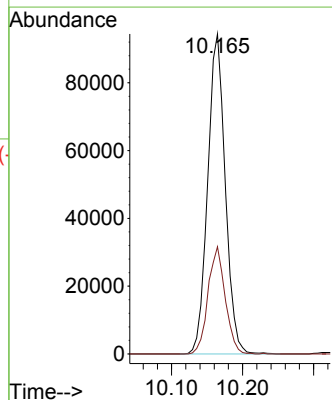
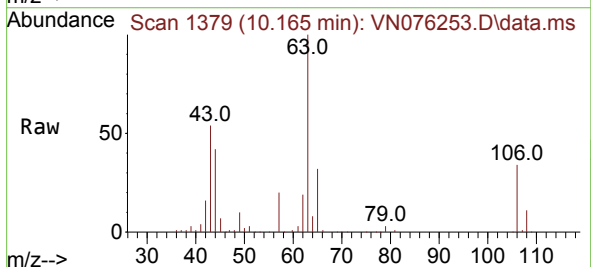
Acq: 13 Jan 2023 17:03

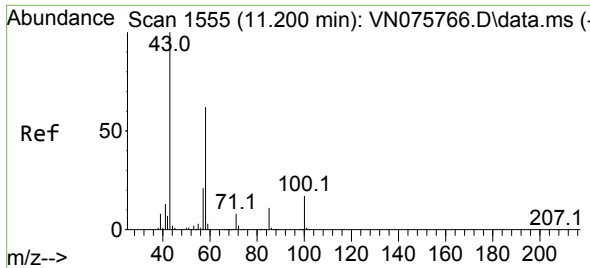
Tgt Ion: 63 Resp: 162106

Ion Ratio Lower Upper

63 100

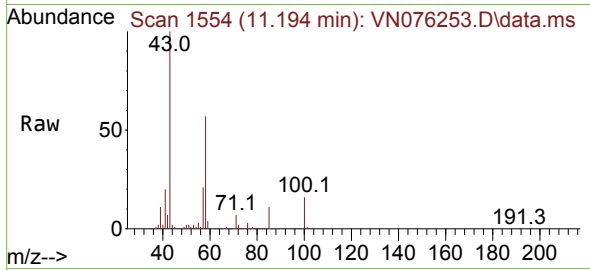
106 32.8 26.4 39.6



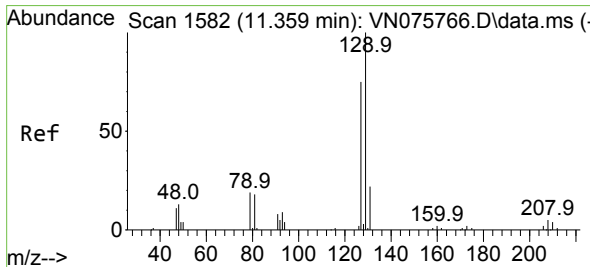
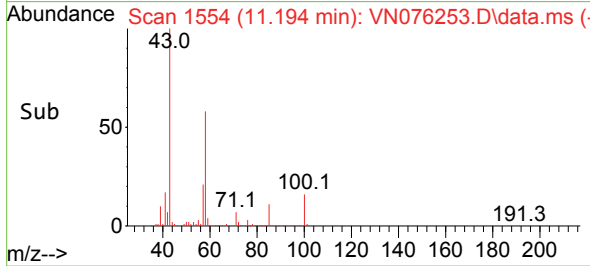
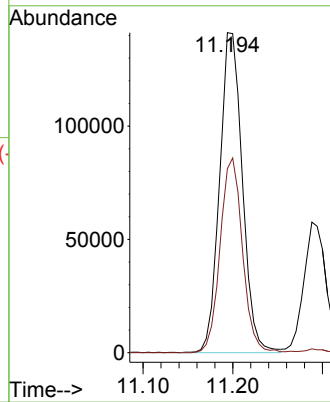


#59
2-Hexanone
Concen: 91.152 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :

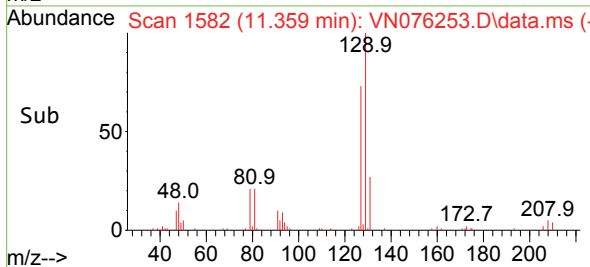
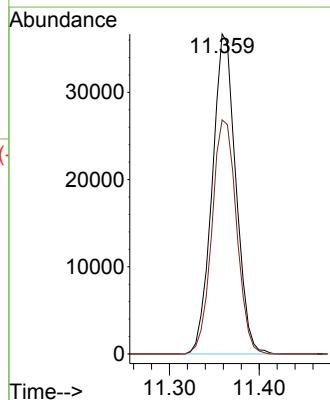
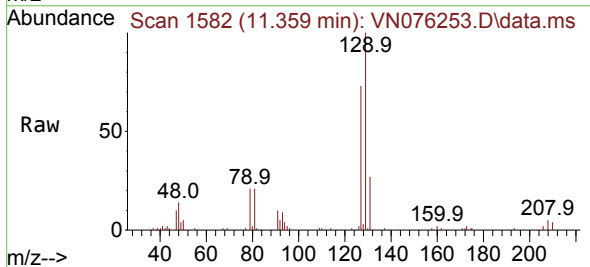


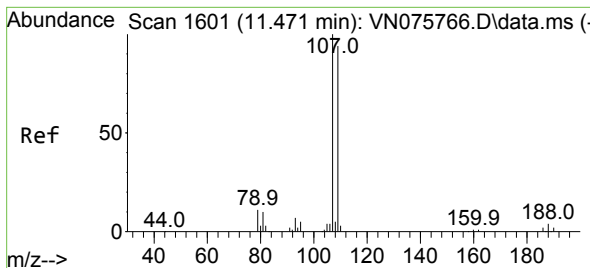
Tgt Ion: 43 Resp: 249085
Ion Ratio Lower Upper
43 100
58 59.6 30.6 92.0



#60
Dibromochloromethane
Concen: 16.389 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 129 Resp: 67222
Ion Ratio Lower Upper
129 100
127 75.9 38.3 114.9

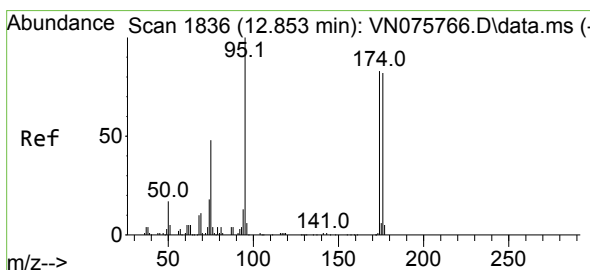
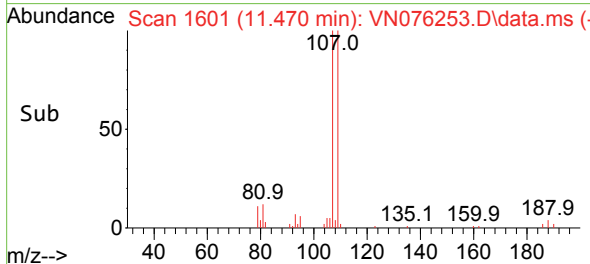
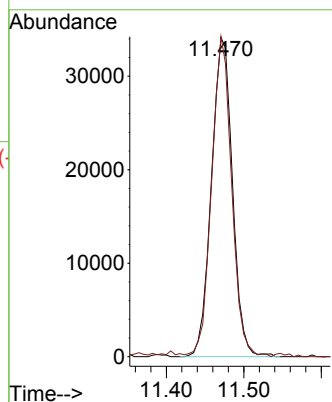
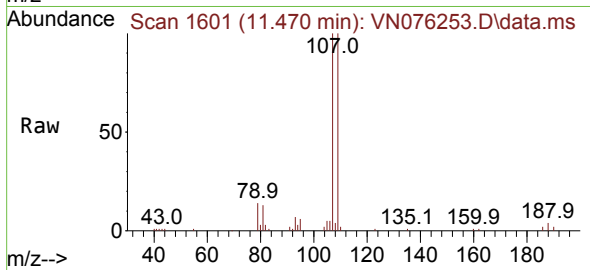




#61
1,2-Dibromoethane
Concen: 17.226 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

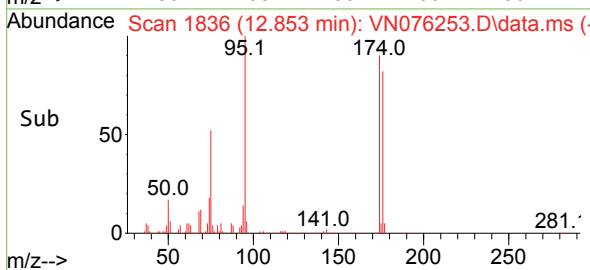
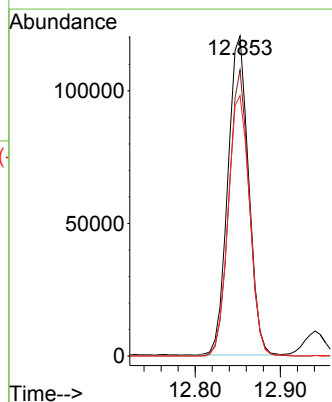
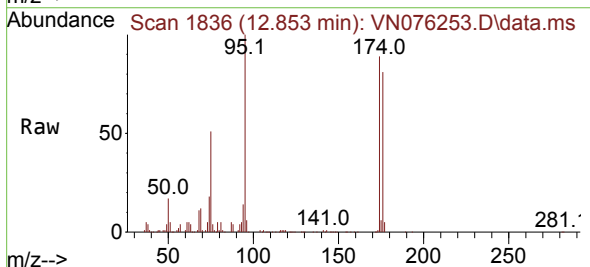
Instrument :
MSVOA_N
ClientSampleId :

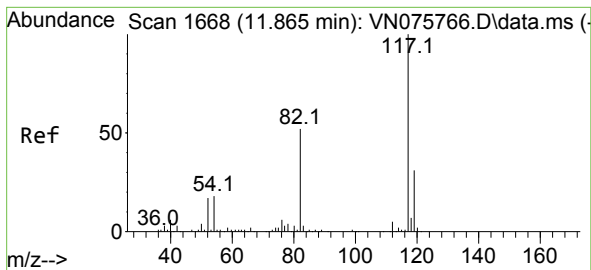
Tgt Ion:107 Resp: 64294
Ion Ratio Lower Upper
107 100
109 95.6 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 46.865 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 95 Resp: 204296
Ion Ratio Lower Upper
95 100
174 86.9 0.0 171.6
176 84.7 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

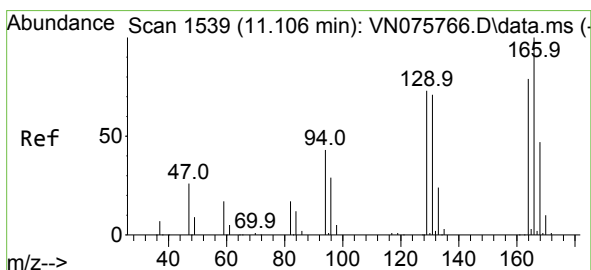
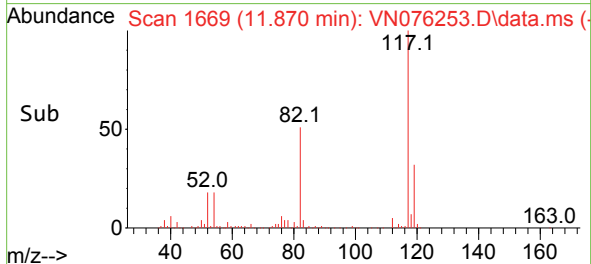
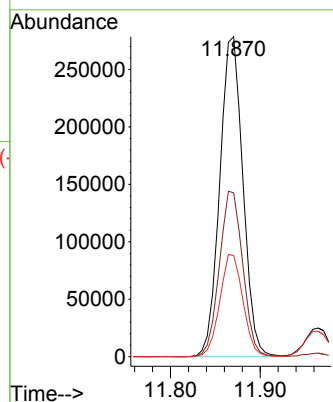
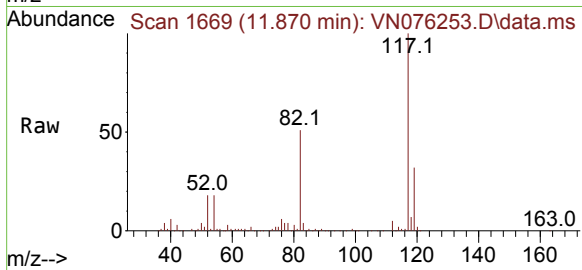
Tgt Ion:117 Resp: 499211

Ion Ratio Lower Upper

117 100

82 51.2 41.3 61.9

119 31.6 24.6 37.0



#64

Tetrachloroethene

Concen: 20.921 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Tgt Ion:164 Resp: 73492

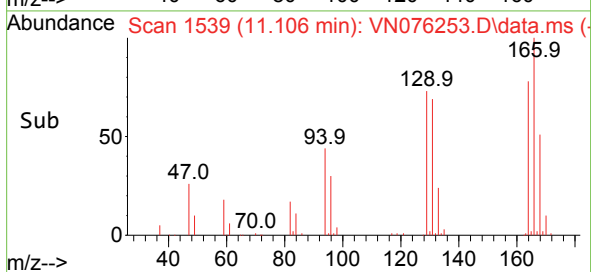
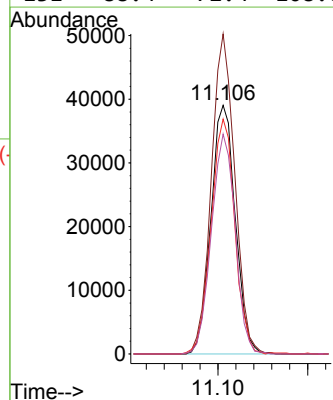
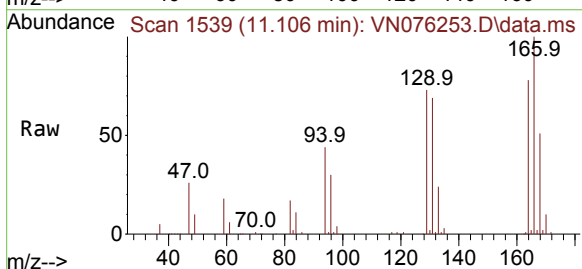
Ion Ratio Lower Upper

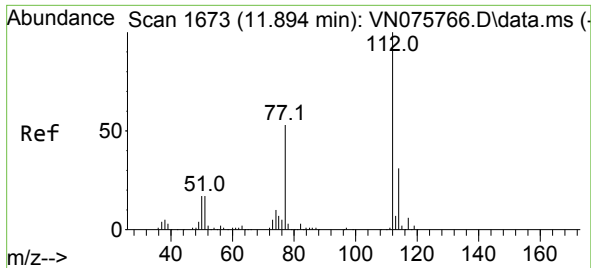
164 100

166 128.7 101.9 152.9

129 94.4 74.2 111.2

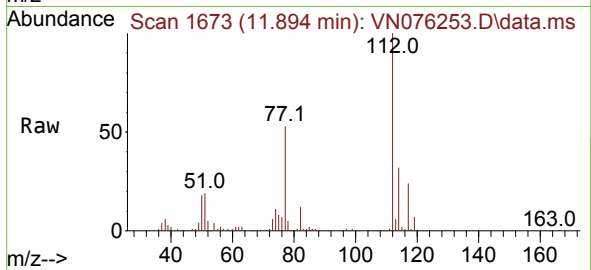
131 88.4 72.4 108.6



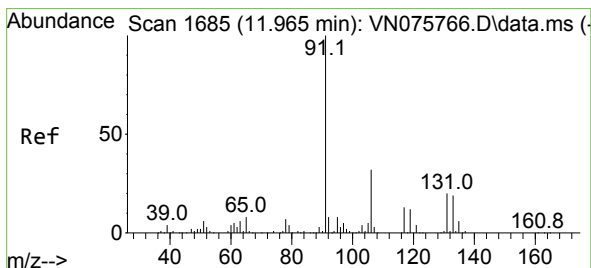
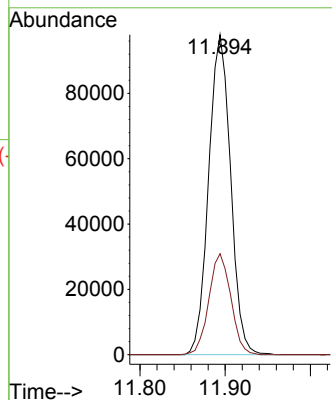
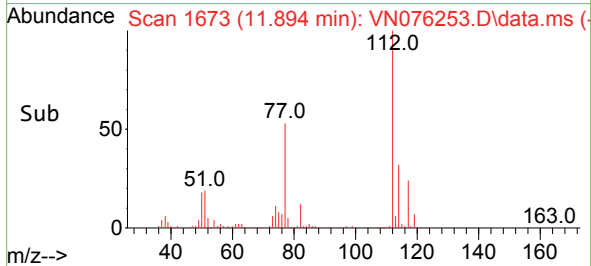


#65
Chlorobenzene
Concen: 17.098 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Instrument :
MSVOA_N
ClientSampleId :

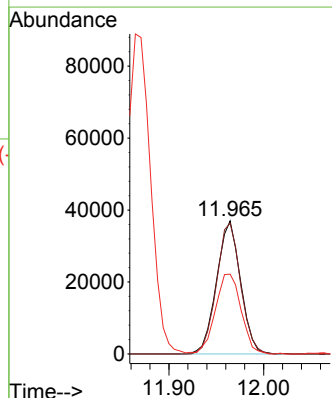
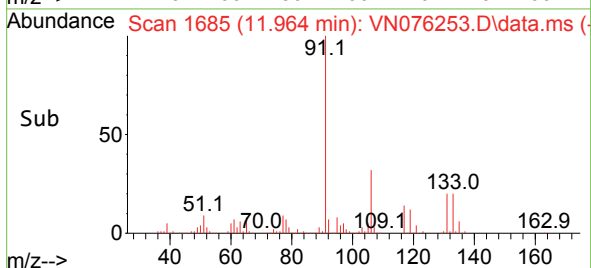
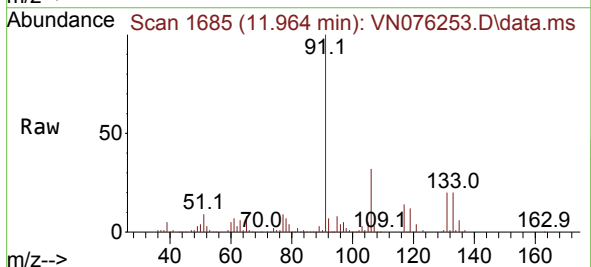


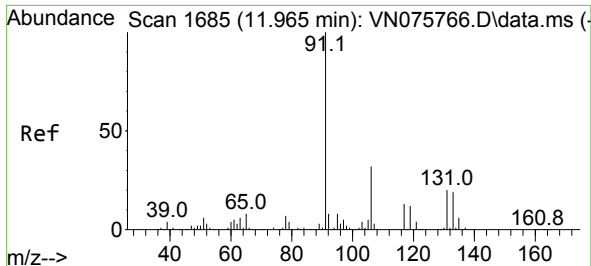
Tgt Ion:112 Resp: 175194
Ion Ratio Lower Upper
112 100
114 31.5 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 17.159 ug/l
RT: 11.964 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion:131 Resp: 65120
Ion Ratio Lower Upper
131 100
133 98.6 47.5 142.5
119 64.5 31.9 95.7

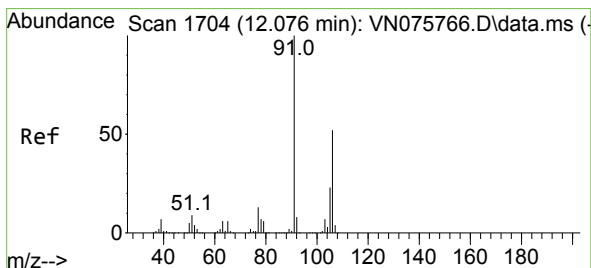
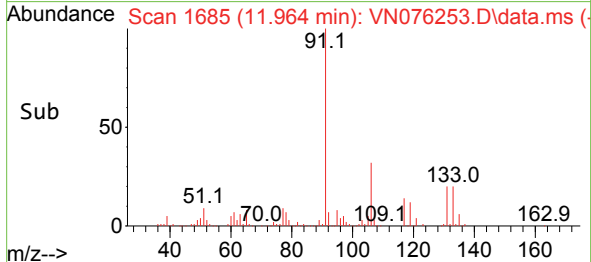
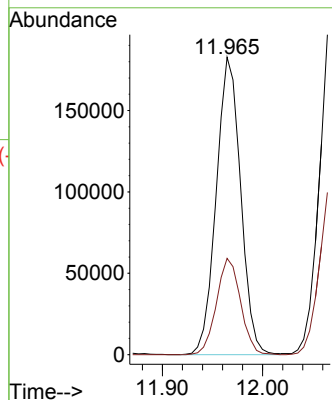
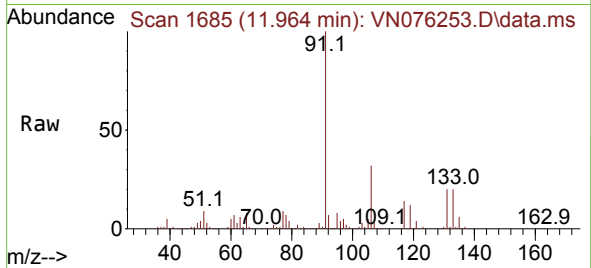




#67
Ethyl Benzene
Concen: 17.836 ug/l
RT: 11.964 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

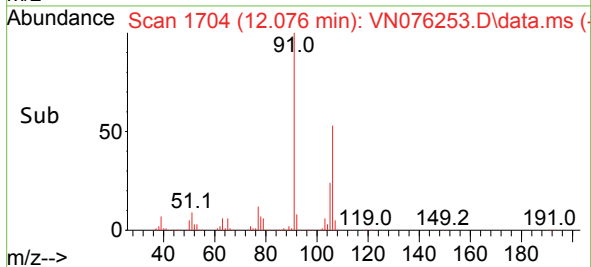
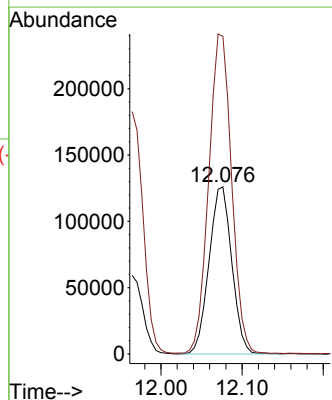
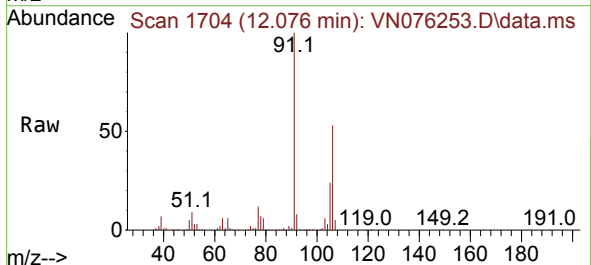
Instrument :
MSVOA_N
ClientSampleId :

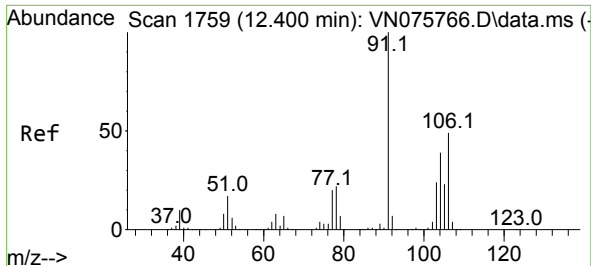
Tgt Ion: 91 Resp: 308438
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5



#68
m/p-Xylenes
Concen: 35.875 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion:106 Resp: 245551
Ion Ratio Lower Upper
106 100
91 192.1 156.6 235.0

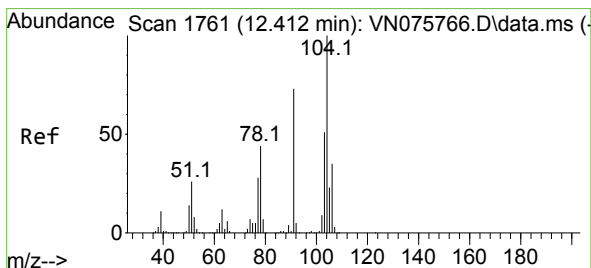
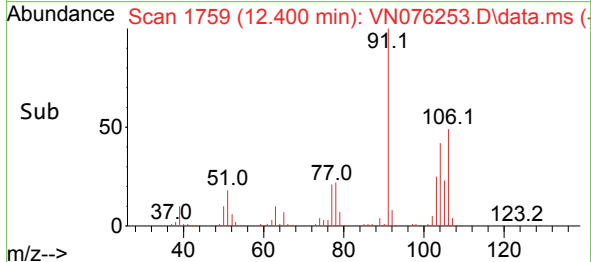
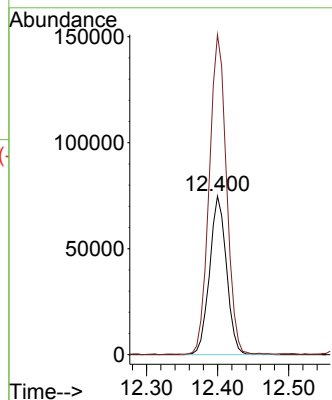
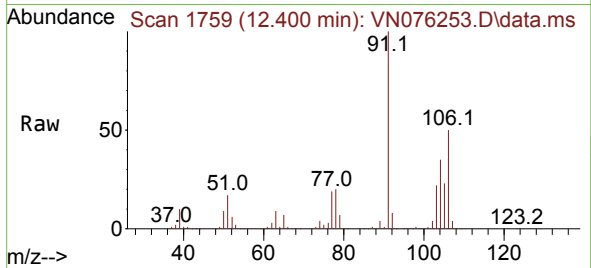




#69
o-Xylene
Concen: 18.286 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

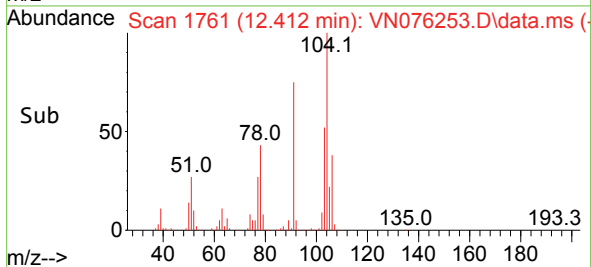
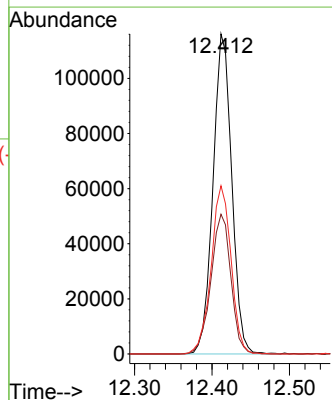
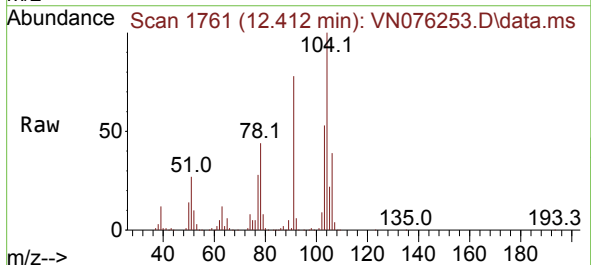
Instrument :
MSVOA_N
ClientSampleId :

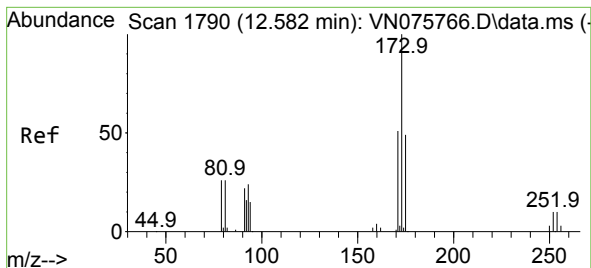
Tgt Ion:106 Resp: 123858
Ion Ratio Lower Upper
106 100
91 204.6 103.8 311.6



#70
Styrene
Concen: 18.156 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion:104 Resp: 195540
Ion Ratio Lower Upper
104 100
78 46.6 37.5 56.3
103 55.7 43.5 65.3





#71

Bromoform

Concen: 16.761 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

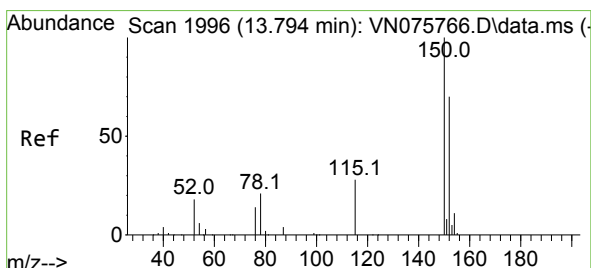
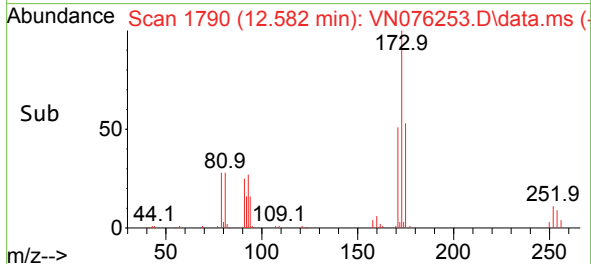
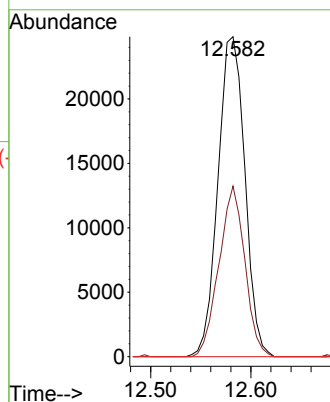
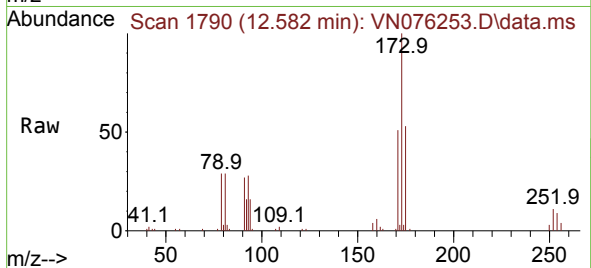
Tgt Ion:173 Resp: 46286

Ion Ratio Lower Upper

173 100

175 51.2 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

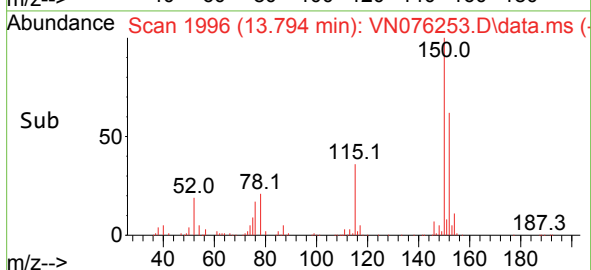
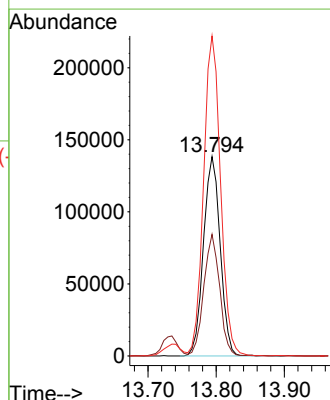
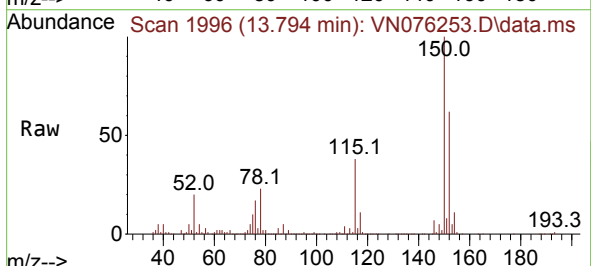
Tgt Ion:152 Resp: 236041

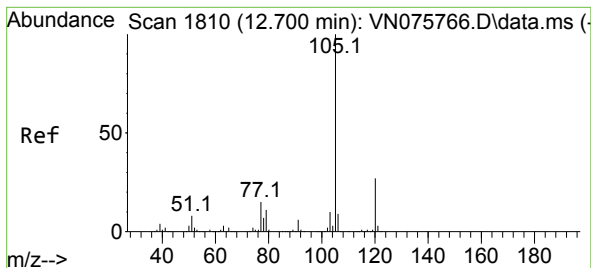
Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.4

150 162.7 0.0 347.0





#73

Isopropylbenzene

Concen: 18.878 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

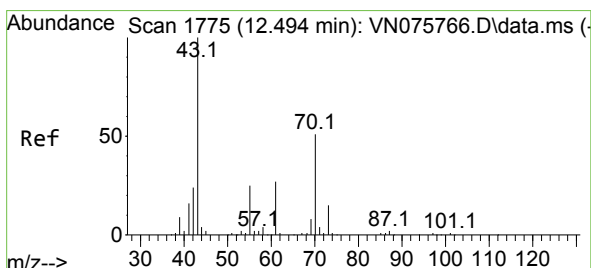
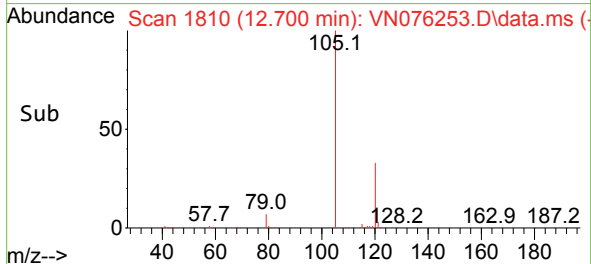
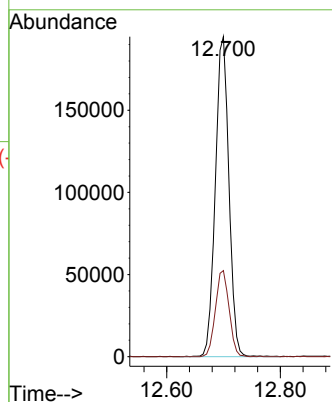
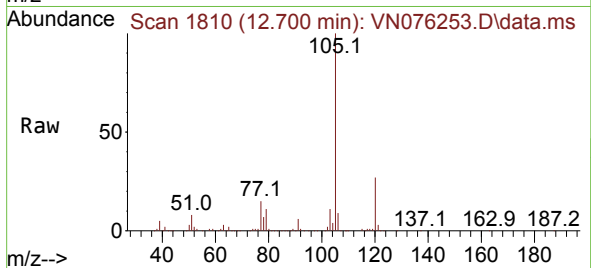
ClientSampleId :

Tgt Ion:105 Resp: 322017

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 18.889 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Tgt Ion: 43 Resp: 94519

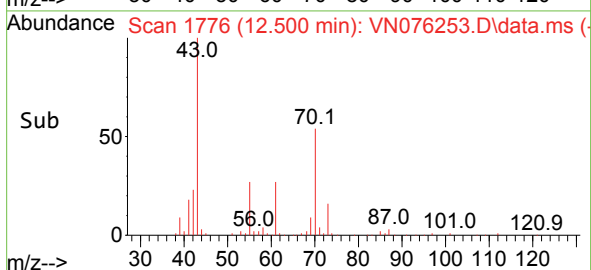
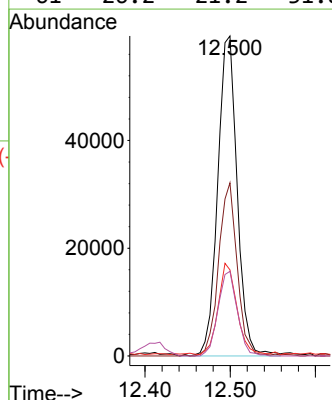
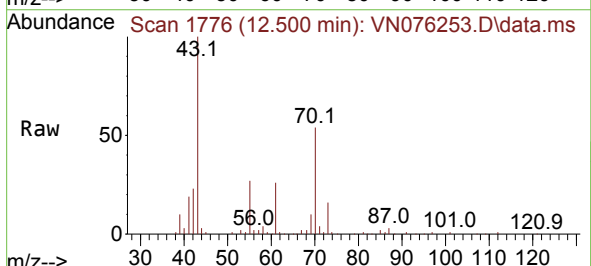
Ion Ratio Lower Upper

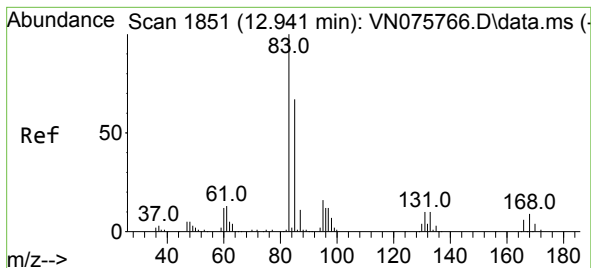
43 100

70 51.4 41.4 62.0

55 27.1 21.3 31.9

61 26.2 21.2 31.8

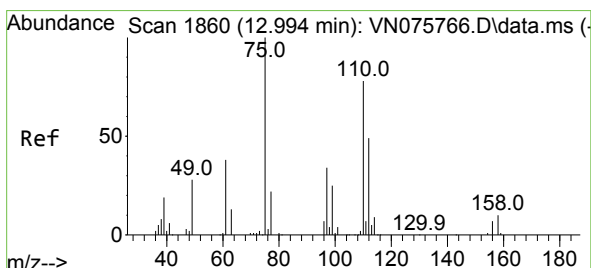
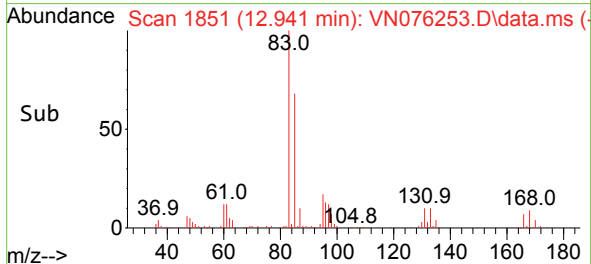
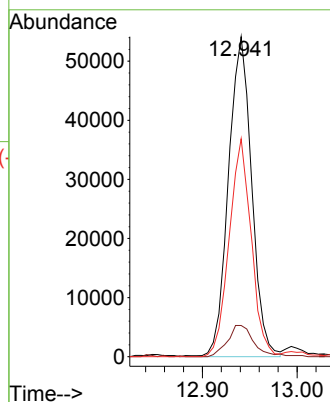
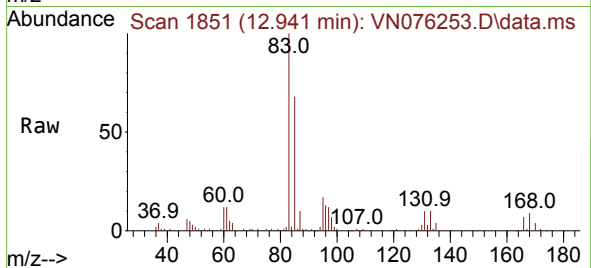




#75
1,1,2,2-Tetrachloroethane
Concen: 17.503 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

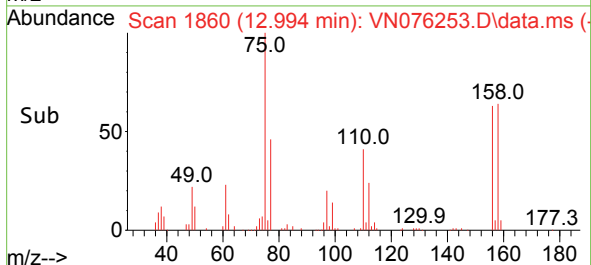
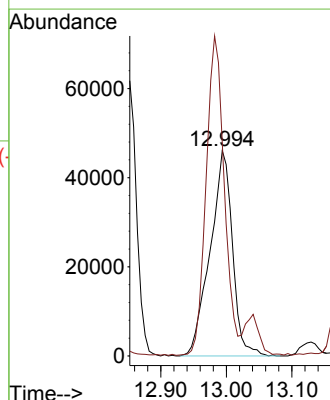
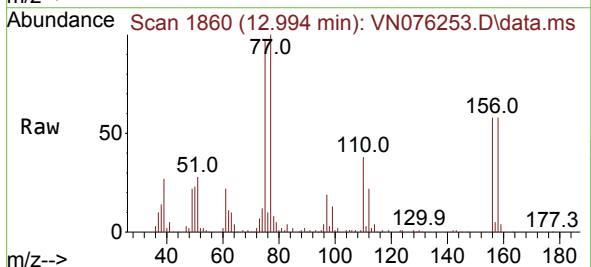
Instrument :
MSVOA_N
ClientSampleId :

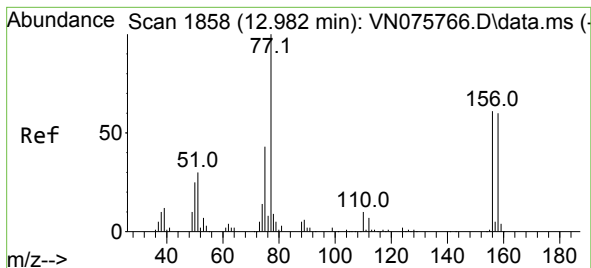
Tgt Ion: 83 Resp: 92297
Ion Ratio Lower Upper
83 100
131 11.2 5.6 16.8
85 64.6 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 22.903 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 75 Resp: 108971
Ion Ratio Lower Upper
75 100
77 126.1 82.6 247.8





#77

Bromobenzene

Concen: 18.069 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

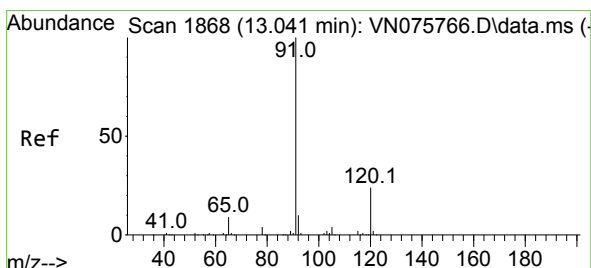
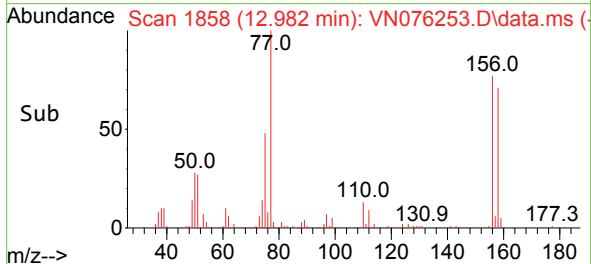
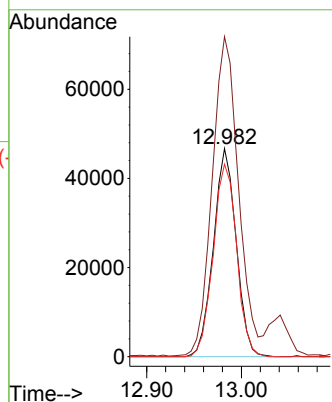
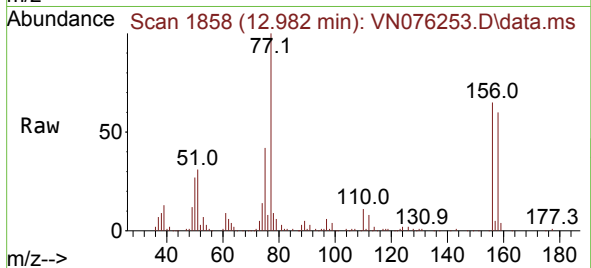
Tgt Ion:156 Resp: 78001

Ion Ratio Lower Upper

156 100

77 176.1 93.8 281.3

158 95.3 48.9 146.6



#78

n-propylbenzene

Concen: 18.723 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN076253.D

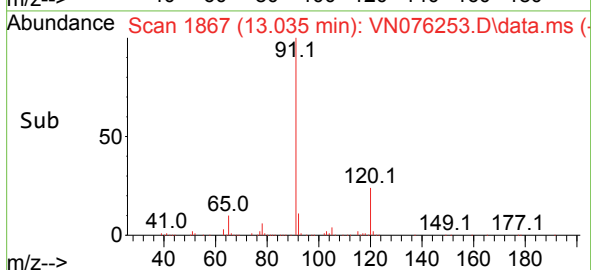
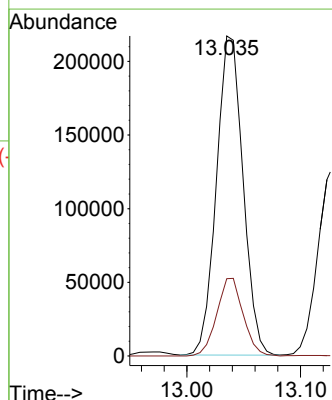
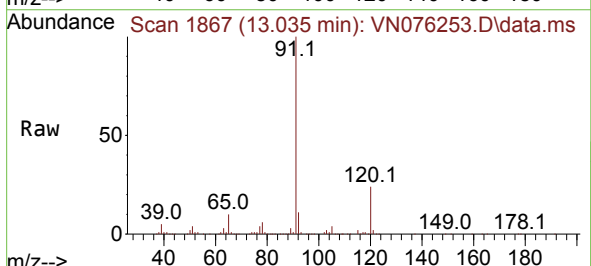
Acq: 13 Jan 2023 17:03

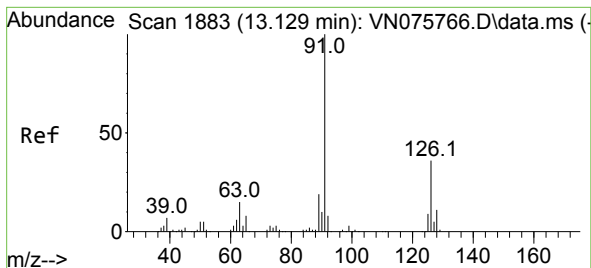
Tgt Ion: 91 Resp: 352235

Ion Ratio Lower Upper

91 100

120 24.1 12.0 36.1





#79

2-Chlorotoluene

Concen: 18.330 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

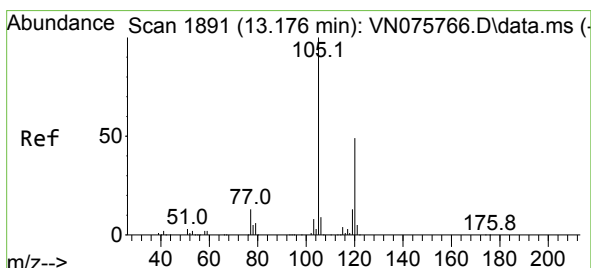
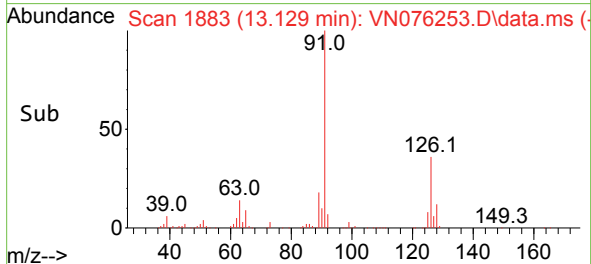
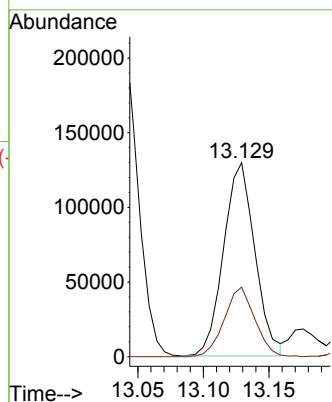
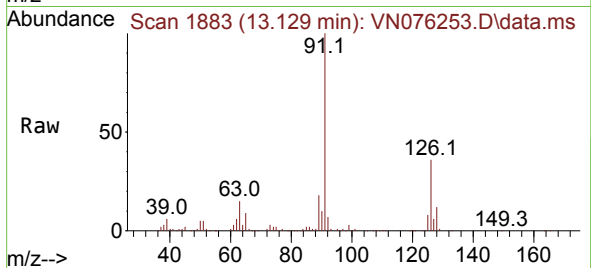
ClientSampleId :

Tgt Ion: 91 Resp: 215261

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 18.668 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. -0.000 min

Lab File: VN076253.D

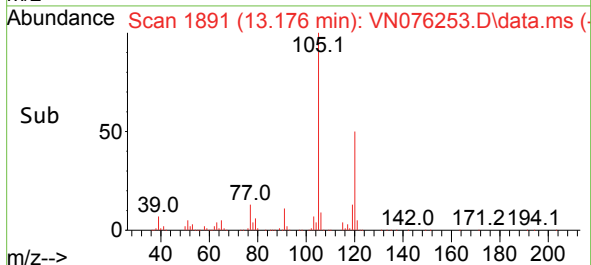
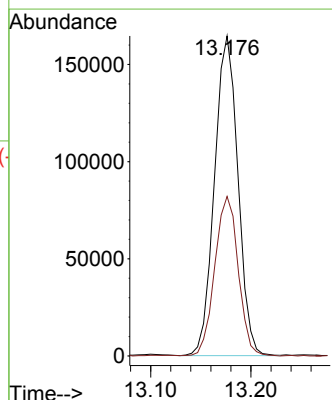
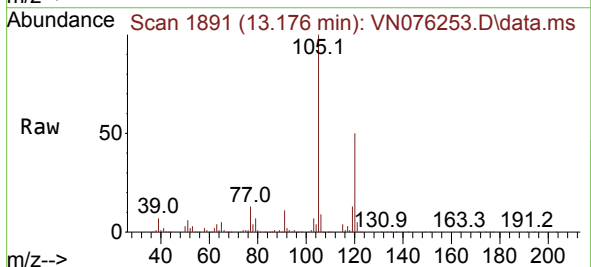
Acq: 13 Jan 2023 17:03

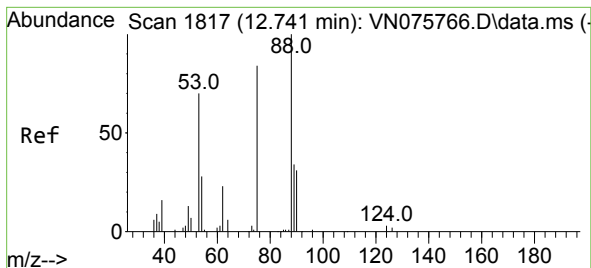
Tgt Ion: 105 Resp: 266508

Ion Ratio Lower Upper

105 100

120 49.9 24.7 74.1

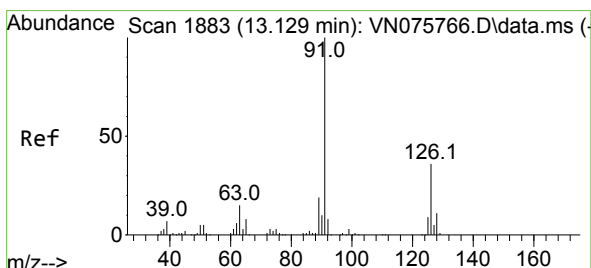
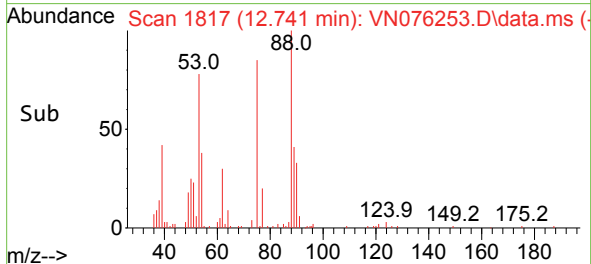
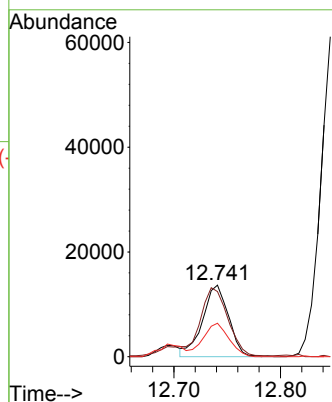
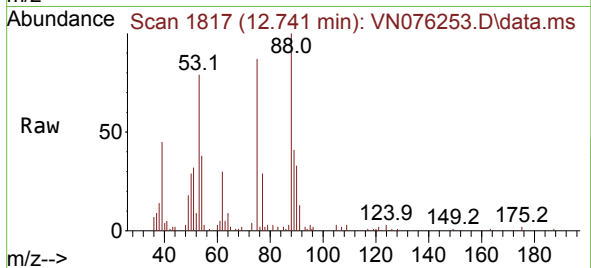




#81
trans-1,4-Dichloro-2-butene
Concen: 17.474 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

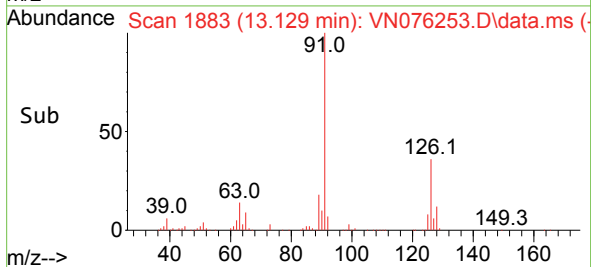
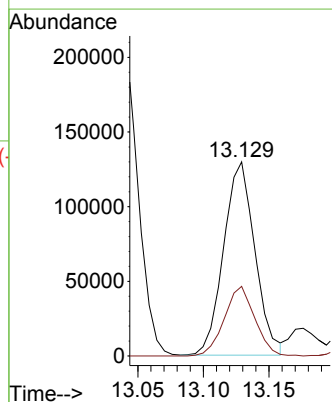
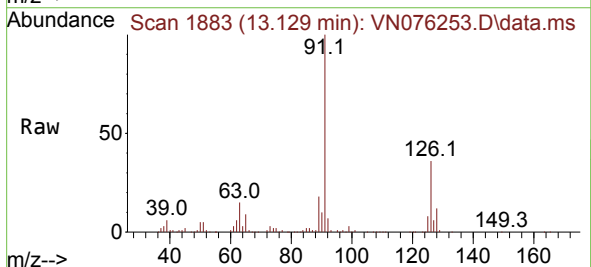
Instrument :
MSVOA_N
ClientSampleId :

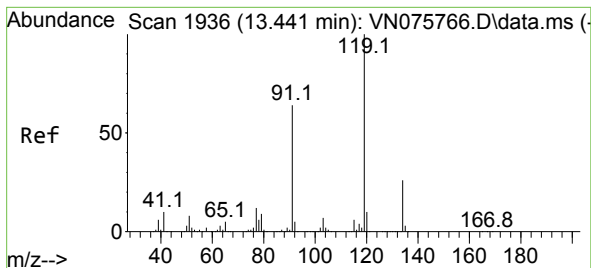
Tgt Ion: 75 Resp: 23098
Ion Ratio Lower Upper
75 100
53 117.8 73.8 110.6#
89 46.7 39.5 59.3



#82
4-Chlorotoluene
Concen: 18.330 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion: 91 Resp: 215261
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.5





#83

tert-Butylbenzene

Concen: 19.734 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

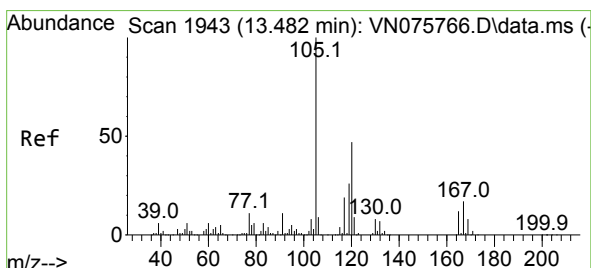
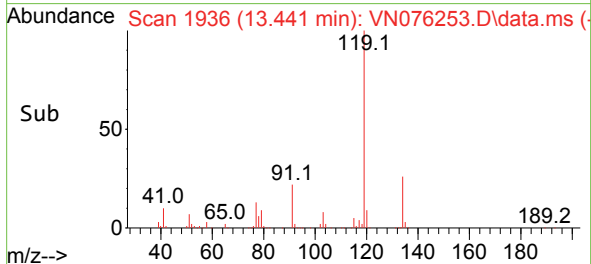
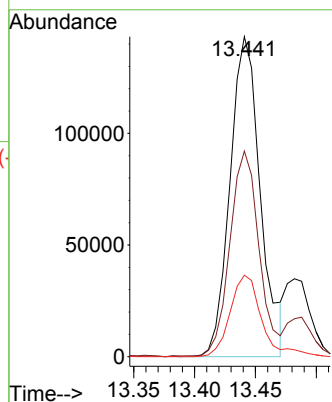
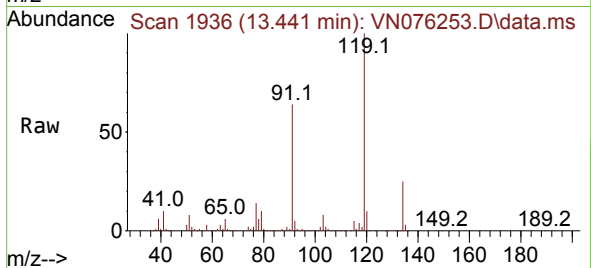
Tgt Ion:119 Resp: 248389

Ion Ratio Lower Upper

119 100

91 62.3 31.9 95.5

134 26.6 13.8 41.4



#84

1,2,4-Trimethylbenzene

Concen: 19.238 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. -0.000 min

Lab File: VN076253.D

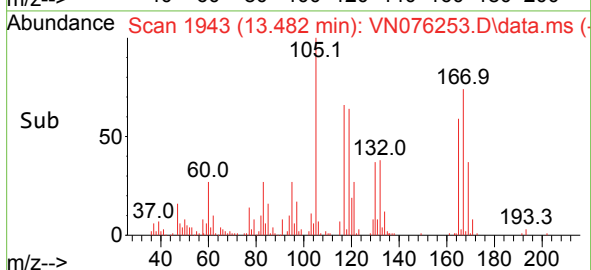
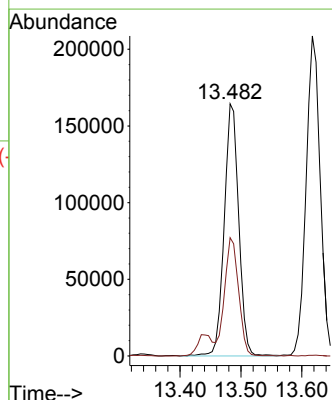
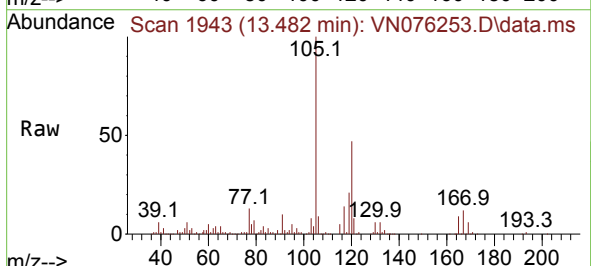
Acq: 13 Jan 2023 17:03

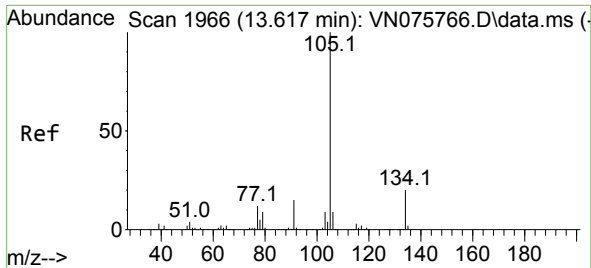
Tgt Ion:105 Resp: 272452

Ion Ratio Lower Upper

105 100

120 45.2 23.3 69.8

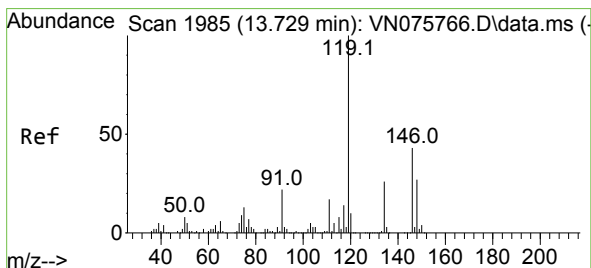
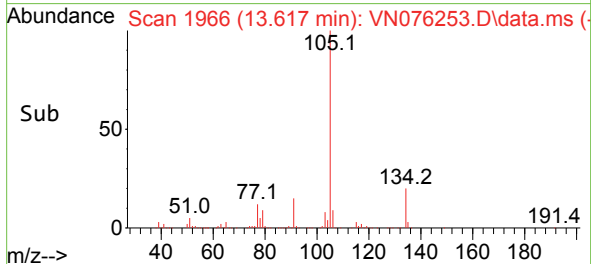
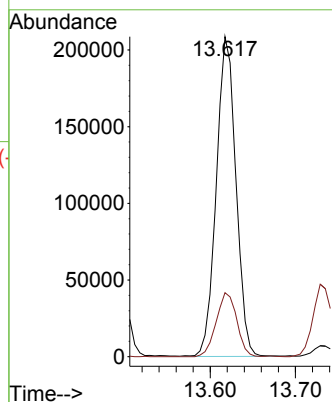
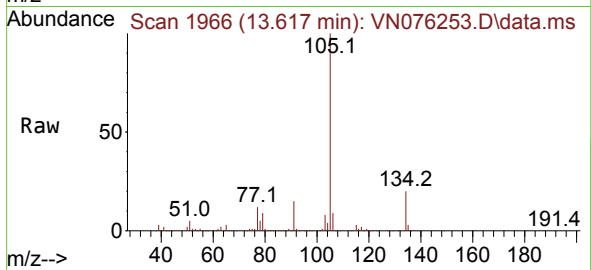




#85
 sec-Butylbenzene
 Concen: 19.190 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

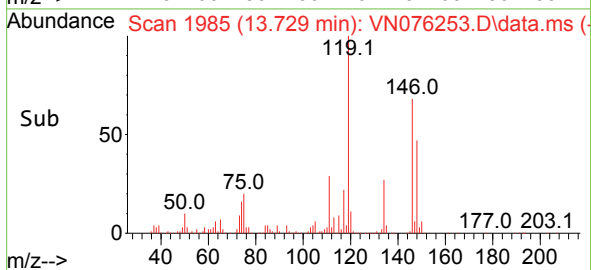
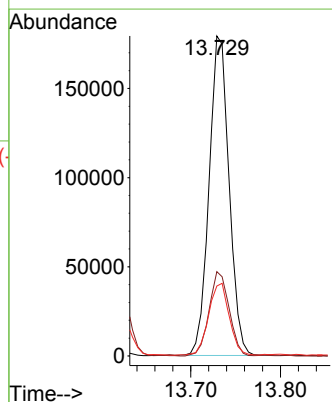
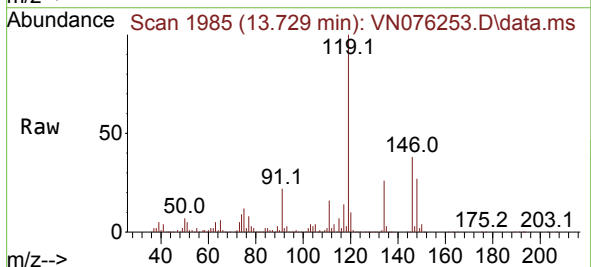
Instrument :
 MSVOA_N
 ClientSampleId :

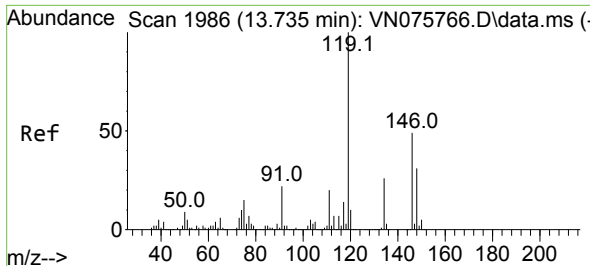
Tgt Ion:105 Resp: 333396
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.196 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN076253.D
 Acq: 13 Jan 2023 17:03

Tgt Ion:119 Resp: 277488
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 23.1 11.2 33.6

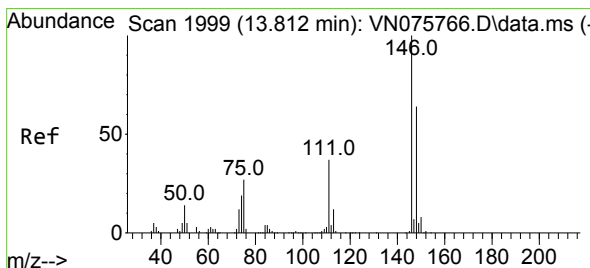
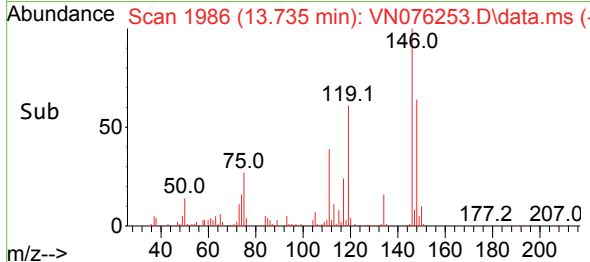
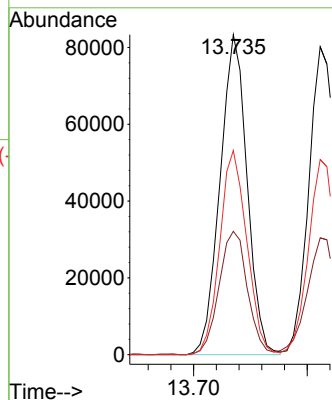
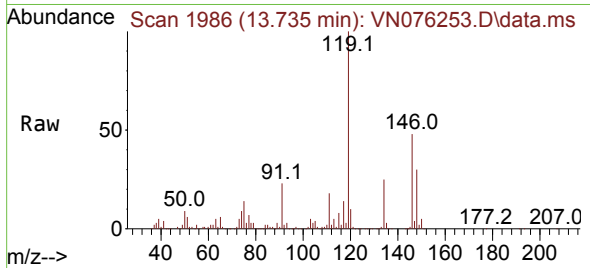




#87
1,3-Dichlorobenzene
Concen: 17.296 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

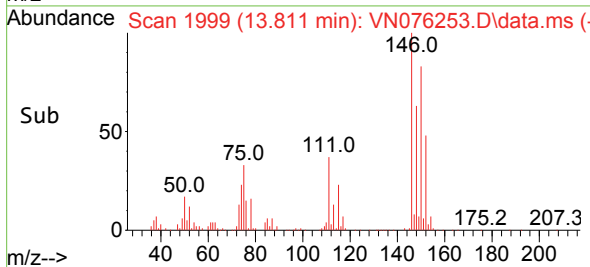
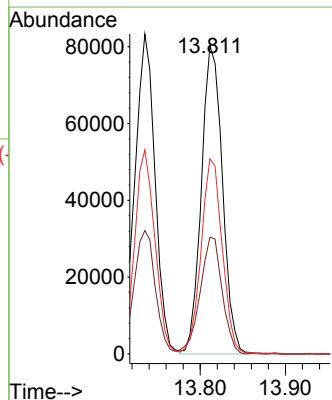
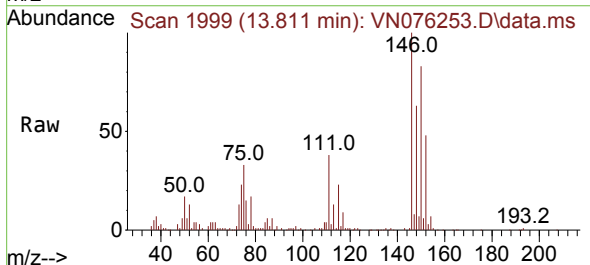
Instrument :
MSVOA_N
ClientSampleId :

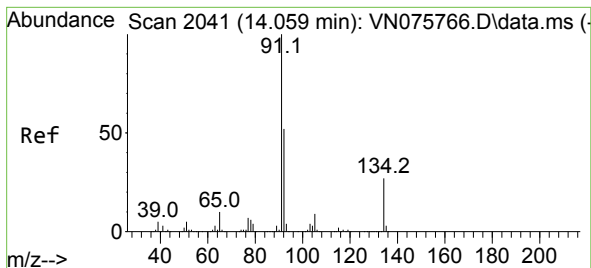
Tgt Ion:146 Resp: 137920
Ion Ratio Lower Upper
146 100
111 40.4 19.7 59.0
148 63.9 31.4 94.2



#88
1,4-Dichlorobenzene
Concen: 16.924 ug/l
RT: 13.811 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

Tgt Ion:146 Resp: 137861
Ion Ratio Lower Upper
146 100
111 39.8 19.1 57.1
148 63.6 32.0 96.2





#89

n-Butylbenzene

Concen: 18.422 ug/l

RT: 14.058 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

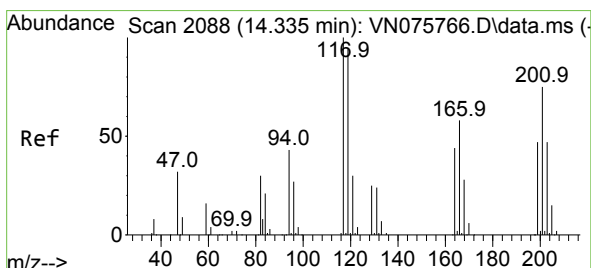
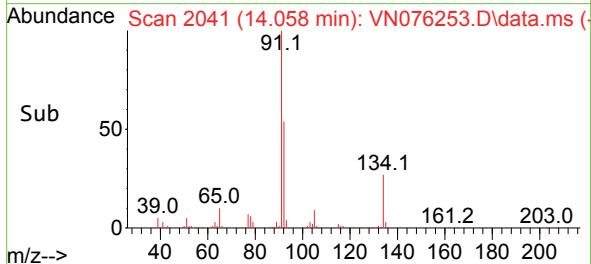
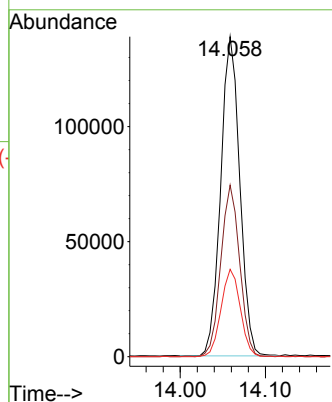
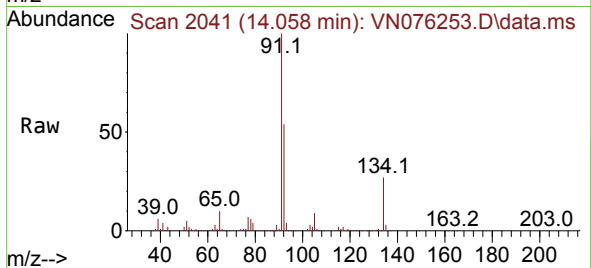
Tgt Ion: 91 Resp: 215741

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

134 27.7 13.4 40.2



#90

Hexachloroethane

Concen: 17.791 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. -0.000 min

Lab File: VN076253.D

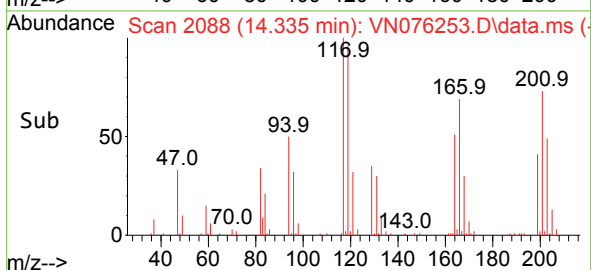
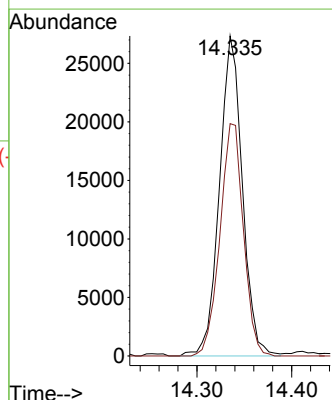
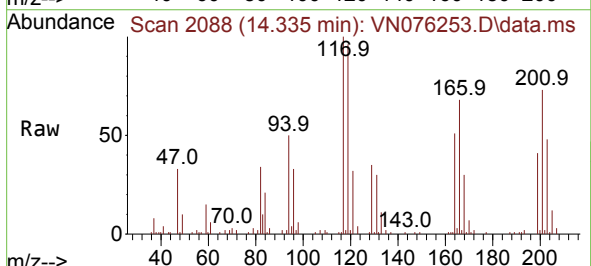
Acq: 13 Jan 2023 17:03

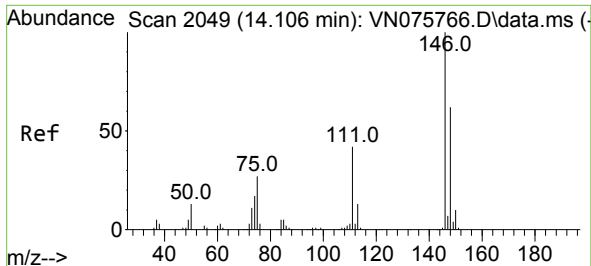
Tgt Ion: 117 Resp: 46005

Ion Ratio Lower Upper

117 100

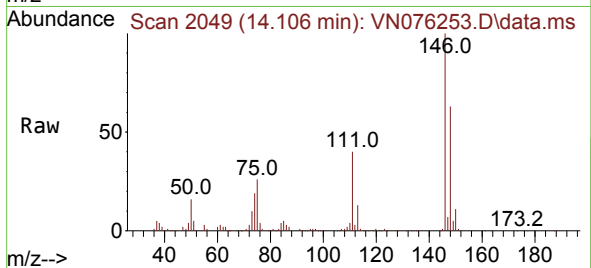
201 74.1 38.0 114.1



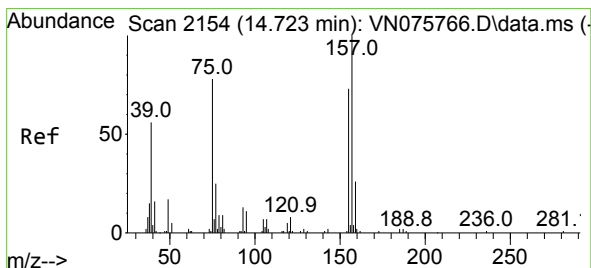
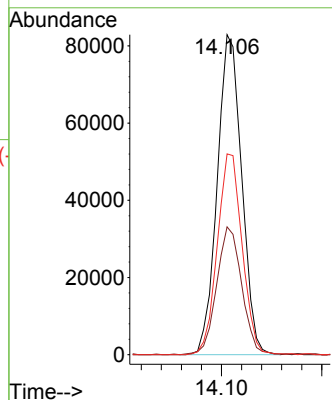
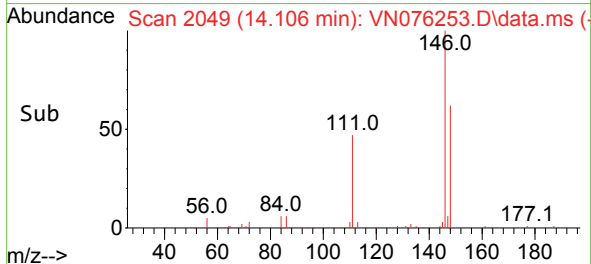


#91
1,2-Dichlorobenzene
Concen: 17.865 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03

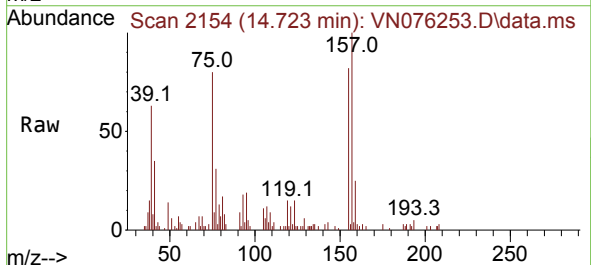
Instrument :
MSVOA_N
ClientSampleId :



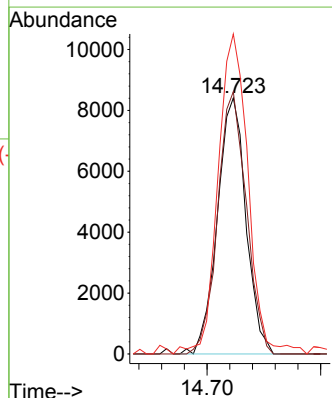
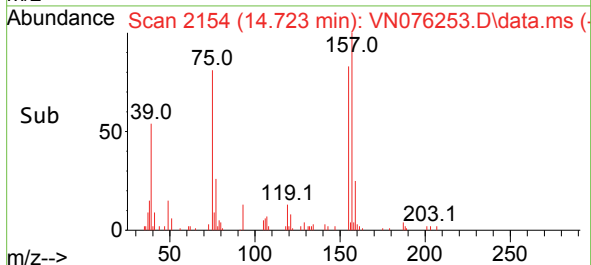
Tgt Ion:146 Resp: 140316
Ion Ratio Lower Upper
146 100
111 40.9 20.3 61.0
148 63.7 31.7 95.1

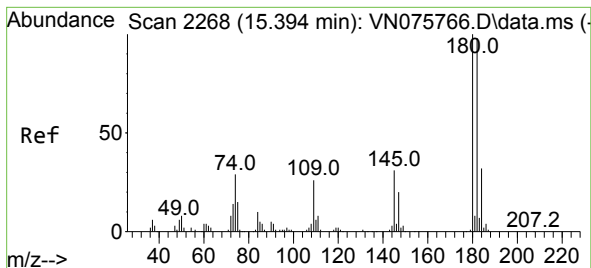


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.655 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN076253.D
Acq: 13 Jan 2023 17:03



Tgt Ion: 75 Resp: 14648
Ion Ratio Lower Upper
75 100
155 102.8 49.3 147.8
157 131.7 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 17.071 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

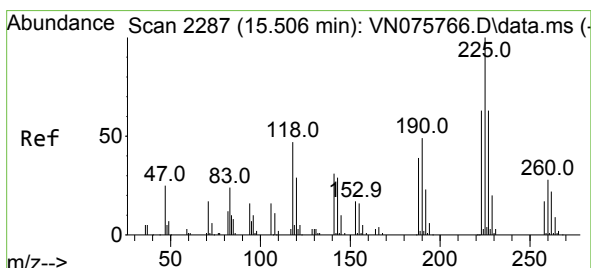
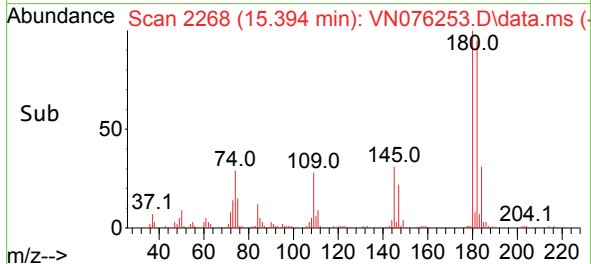
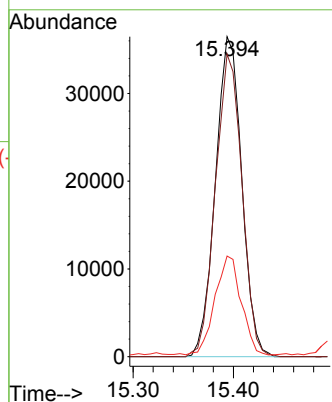
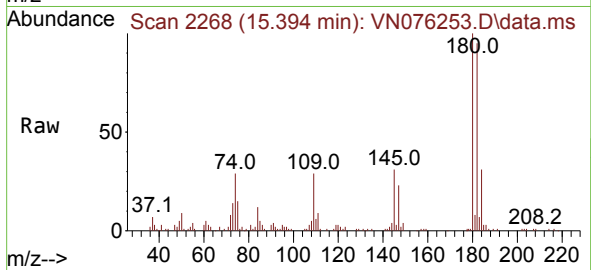
Tgt Ion:180 Resp: 66382

Ion Ratio Lower Upper

180 100

182 95.2 47.5 142.5

145 31.2 15.3 45.8



#94

Hexachlorobutadiene

Concen: 17.898 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.006 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

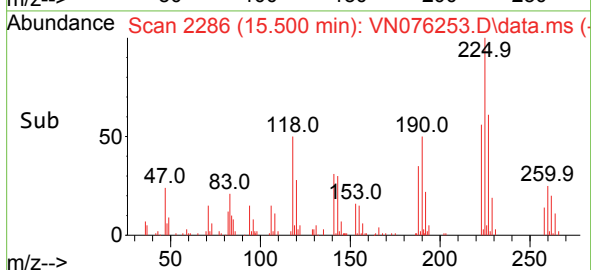
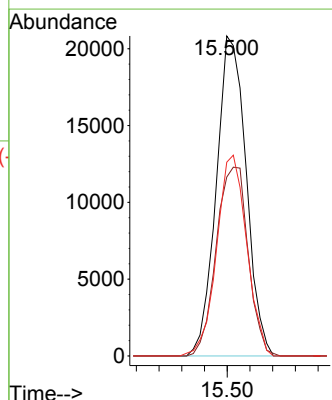
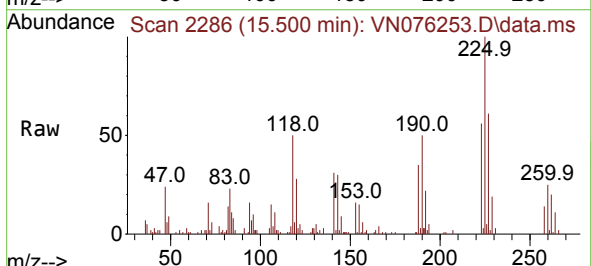
Tgt Ion:225 Resp: 37970

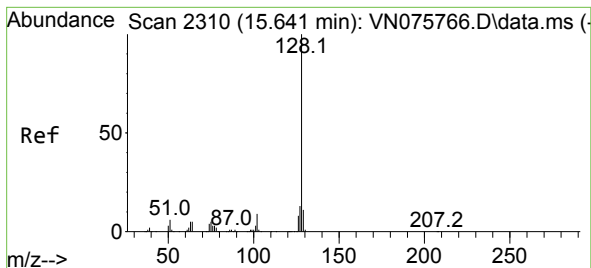
Ion Ratio Lower Upper

225 100

223 63.1 31.5 94.5

227 63.1 31.6 95.0





#95

Naphthalene

Concen: 17.045 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

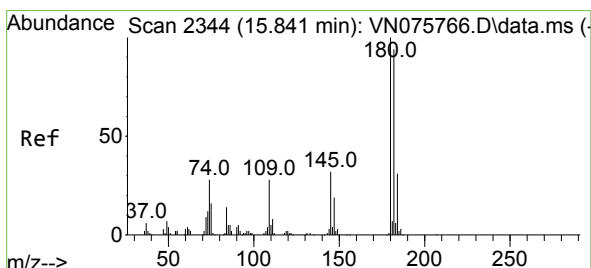
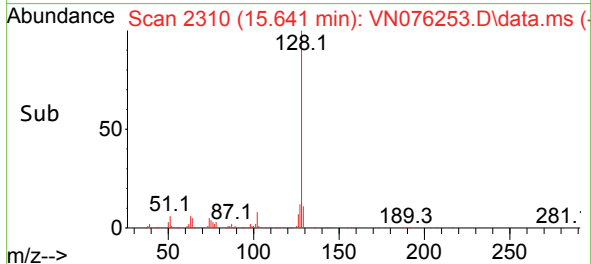
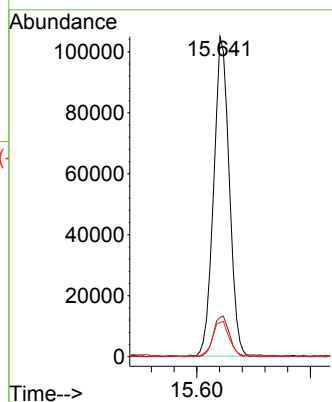
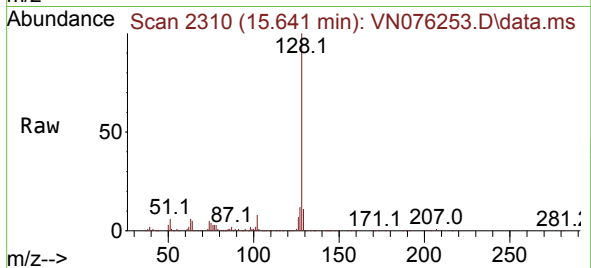
Tgt Ion:128 Resp: 199693

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 12.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.895 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076253.D

Acq: 13 Jan 2023 17:03

Tgt Ion:180 Resp: 65039

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.0

145 34.1 16.0 47.9

