

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN077995.D
 Acq On : 31 May 2023 16:07
 Operator : JC\MD
 Sample : 02910-05MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MS

Quant Time: Jun 01 01:54:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	364757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	641267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	566564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	242796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	270786	49.615	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.240%
35) Dibromofluoromethane	8.171	113	236510	56.559	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.120%
50) Toluene-d8	10.576	98	859190	53.381	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.760%
62) 4-Bromofluorobenzene	12.859	95	292343	51.427	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	180818	43.558	ug/l	93
3) Chloromethane	2.371	50	203965	46.206	ug/l	98
4) Vinyl Chloride	2.518	62	261890	50.039	ug/l	100
5) Bromomethane	2.953	94	204060	52.718	ug/l	99
6) Chloroethane	3.124	64	193275	51.242	ug/l	98
7) Trichlorofluoromethane	3.500	101	377400	51.742	ug/l	100
8) Diethyl Ether	3.965	74	134082	50.354	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	208829	51.735	ug/l	98
10) Methyl Iodide	4.594	142	291286	60.510	ug/l	98
11) Tert butyl alcohol	5.530	59	176730	234.634	ug/l #	88
12) 1,1-Dichloroethene	4.347	96	202506	52.785	ug/l	90
13) Acrolein	4.189	56	83164	168.061	ug/l	92
14) Allyl chloride	5.036	41	294682	52.287	ug/l	97
15) Acrylonitrile	5.730	53	493009	244.997	ug/l	98
16) Acetone	4.441	43	374328	218.005	ug/l	95
17) Carbon Disulfide	4.718	76	475858	46.034	ug/l	99
18) Methyl Acetate	5.036	43	347143	48.192	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	717889	51.697	ug/l	98
20) Methylene Chloride	5.288	84	242663	54.474	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	223989	51.976	ug/l	90
22) Diisopropyl ether	6.682	45	681373	51.579	ug/l	95
23) Vinyl Acetate	6.612	43	1980471	241.971	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	436049	53.879	ug/l	97
25) 2-Butanone	7.488	43	622280	231.675	ug/l	89
26) 2,2-Dichloropropane	7.500	77	361141	52.524	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	276019	53.417	ug/l	92
28) Bromochloromethane	7.824	49	173774	49.648	ug/l	92
29) Tetrahydrofuran	7.847	42	408564	232.300	ug/l	85
30) Chloroform	7.977	83	472388	53.061	ug/l	93
31) Cyclohexane	8.265	56	346820	46.755	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	413725	54.660	ug/l	96
36) 1,1-Dichloropropene	8.376	75	339994	55.588	ug/l	99
37) Ethyl Acetate	7.571	43	258449	47.409	ug/l	94
38) Carbon Tetrachloride	8.371	117	364470	59.012	ug/l	98
39) Methylcyclohexane	9.606	83	378150	50.502	ug/l	93
40) Benzene	8.612	78	1018494	56.430	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	139426	48.024	ug/l	93
42) 1,2-Dichloroethane	8.676	62	352804	53.811	ug/l	98
43) Isopropyl Acetate	8.694	43	459746	51.631	ug/l	95
44) Trichloroethene	9.359	130	265942	58.191	ug/l	99
45) 1,2-Dichloropropane	9.629	63	265220	57.609	ug/l	96
46) Dibromomethane	9.718	93	187232	56.835	ug/l	97
47) Bromodichloromethane	9.894	83	368829	58.480	ug/l	99
48) Methyl methacrylate	9.688	41	221636	52.498	ug/l	87
49) 1,4-Dioxane	9.700	88	91246	1144.323	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	1384530	261.582	ug/l	93
52) Toluene	10.641	92	650175	57.863	ug/l	96
53) t-1,3-Dichloropropene	10.847	75	382240	57.231	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	415176	56.409	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	258378	57.913	ug/l	98
56) Ethyl methacrylate	10.882	69	377486	55.959	ug/l	93
57) 1,3-Dichloropropane	11.170	76	427234	55.859	ug/l	99
59) 2-Hexanone	11.206	43	967345	247.089	ug/l	94
60) Dibromochloromethane	11.365	129	281330	61.081	ug/l	98
61) 1,2-Dibromoethane	11.476	107	261707	58.799	ug/l	97
64) Tetrachloroethene	11.112	164	249851	63.060	ug/l	99
65) Chlorobenzene	11.900	112	694209	56.520	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.970	131	263312	61.958	ug/l	99
67) Ethyl Benzene	11.970	91	1256050	57.065	ug/l	99
68) m/p-Xylenes	12.076	106	962959	115.462	ug/l	98
69) o-Xylene	12.406	106	480645	58.601	ug/l	99
70) Styrene	12.417	104	761649	58.456	ug/l	99
71) Bromoform	12.582	173	177542	62.799	ug/l #	100
73) Isopropylbenzene	12.706	105	1222285	58.401	ug/l	99
74) N-amyl acetate	12.500	43	376680	48.692	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.947	83	354543	55.065	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	421752	69.362	ug/l	75
77) Bromobenzene	12.988	156	271726	56.892	ug/l	97
78) n-propylbenzene	13.041	91	1407078	57.027	ug/l	100
79) 2-Chlorotoluene	13.135	91	845348	57.415	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	1018964	57.928	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	99610	52.365	ug/l	95
82) 4-Chlorotoluene	13.229	91	801295	54.699	ug/l	98
83) tert-Butylbenzene	13.447	119	881991	57.436	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1014395	58.637	ug/l	98
85) sec-Butylbenzene	13.623	105	1202681	55.109	ug/l	99
86) p-Isopropyltoluene	13.735	119	997139	57.312	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	485914	55.013	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	471129	53.751	ug/l	100
89) n-Butylbenzene	14.064	91	801184	50.065	ug/l	99
90) Hexachloroethane	14.341	117	169215	59.204	ug/l	88
91) 1,2-Dichlorobenzene	14.111	146	483922	58.646	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	60370	48.431	ug/l	100
93) 1,2,4-Trichlorobenzene	15.400	180	199753	41.425	ug/l	98
94) Hexachlorobutadiene	15.505	225	90912	45.408	ug/l	99
95) Naphthalene	15.647	128	612131	36.881	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	210261	44.535	ug/l	97

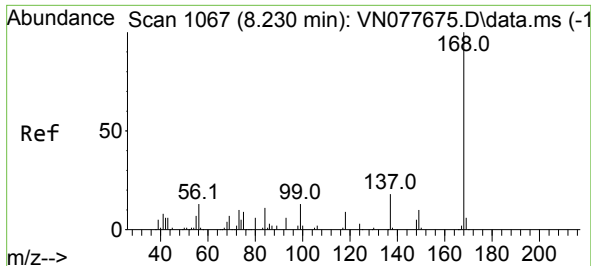
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Response via : Initial Calibration

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

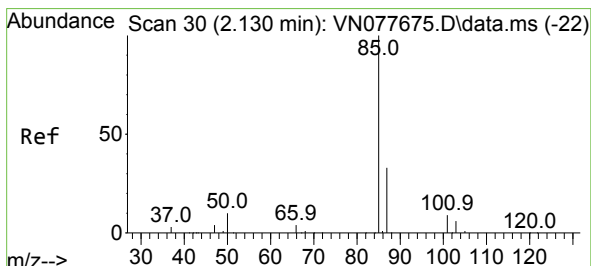
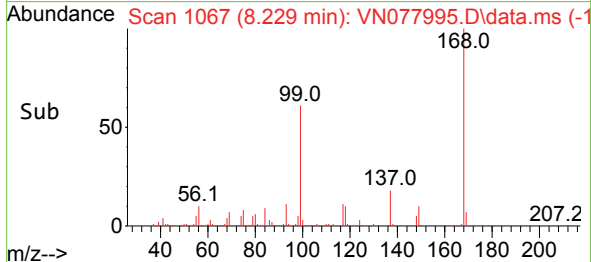
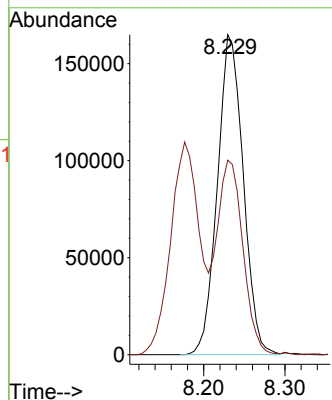
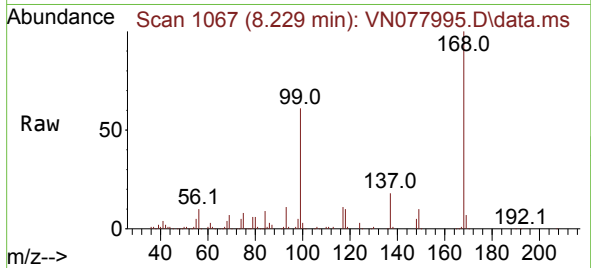
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

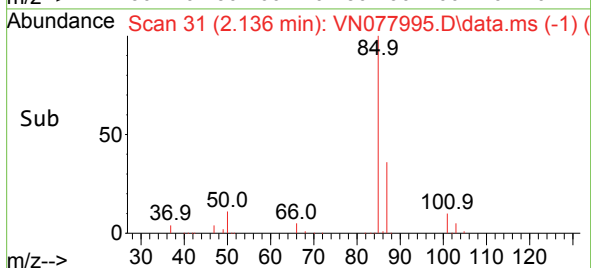
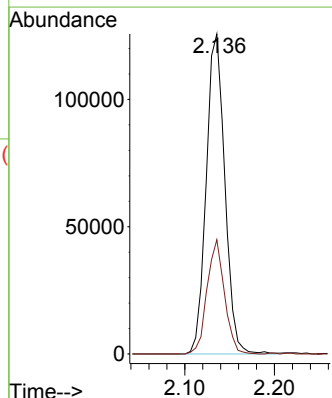
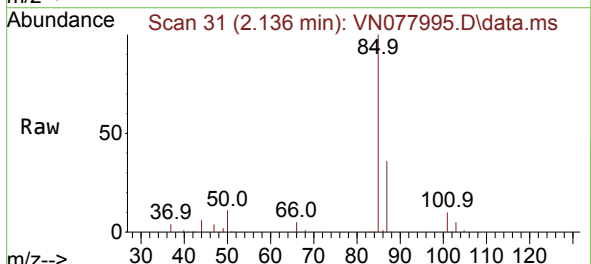
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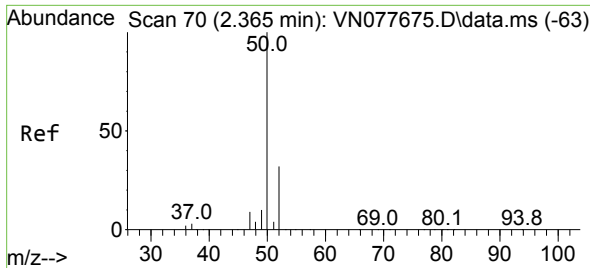
Tgt Ion:168 Resp: 364757
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 43.558 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion: 85 Resp: 180818
Ion Ratio Lower Upper
85 100
87 35.7 15.8 47.4

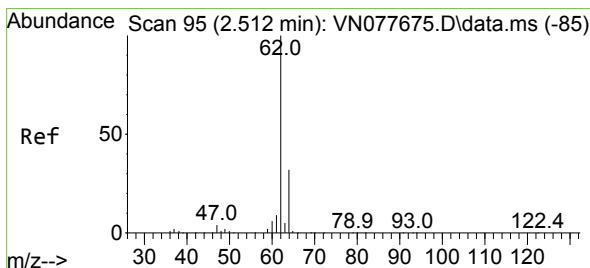
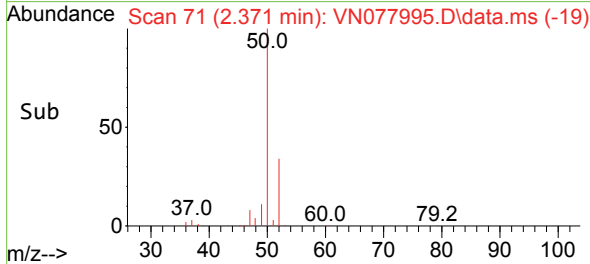
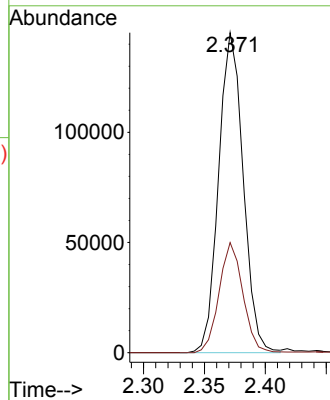
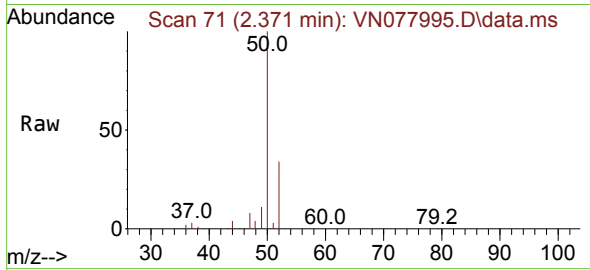




#3
Chloromethane
Concen: 46.206 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

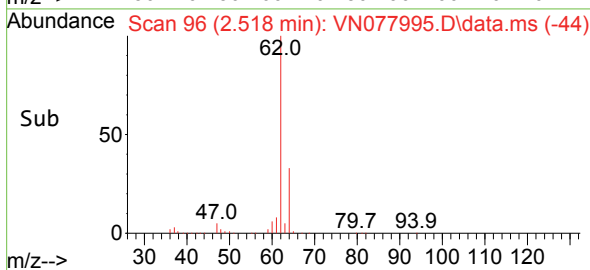
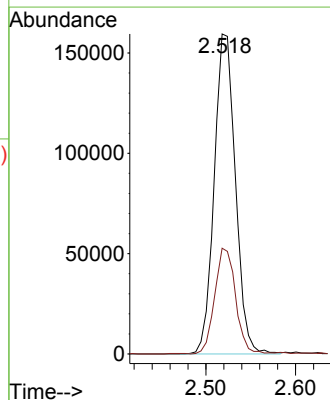
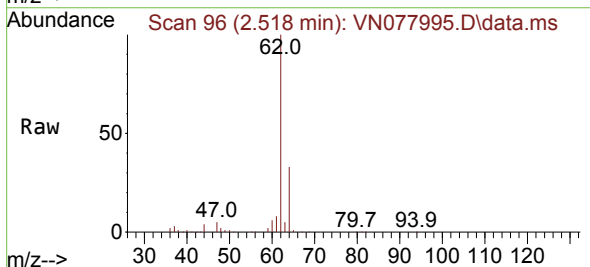
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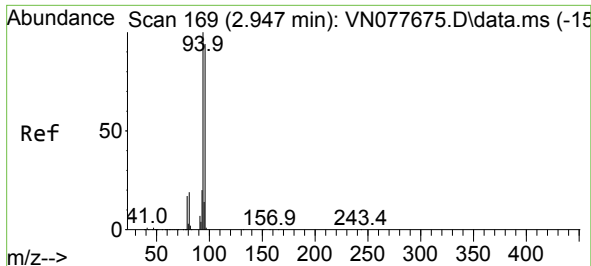
Tgt Ion: 50 Resp: 203965
Ion Ratio Lower Upper
50 100
52 34.4 26.5 39.7



#4
Vinyl Chloride
Concen: 50.039 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion: 62 Resp: 261890
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2

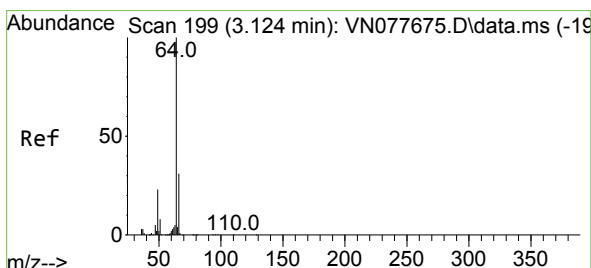
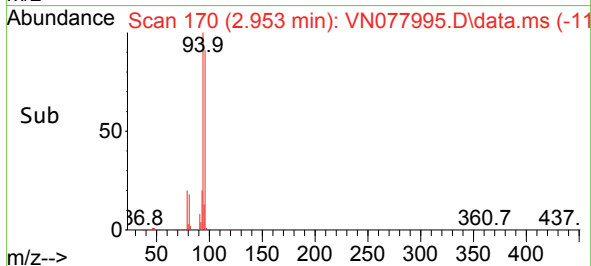
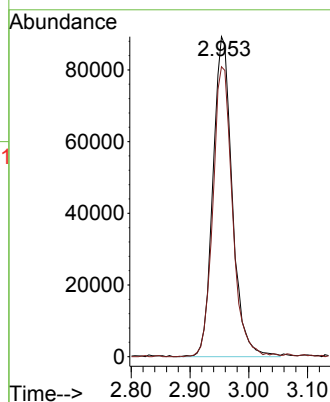
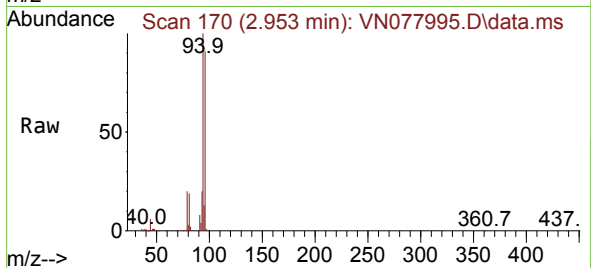




#5
Bromomethane
Concen: 52.718 ug/l
RT: 2.953 min Scan# 170
Delta R.T. 0.006 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

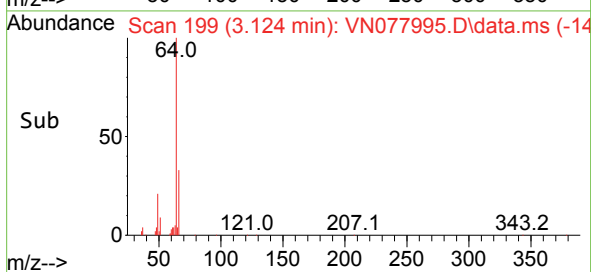
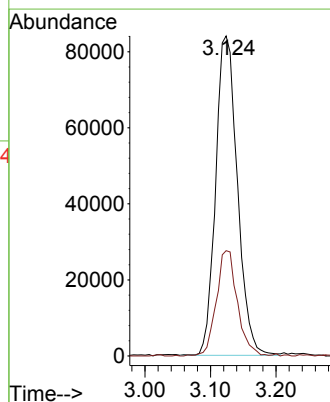
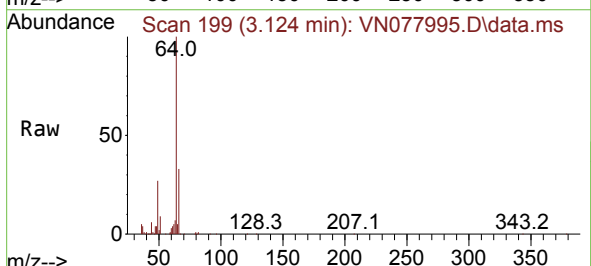
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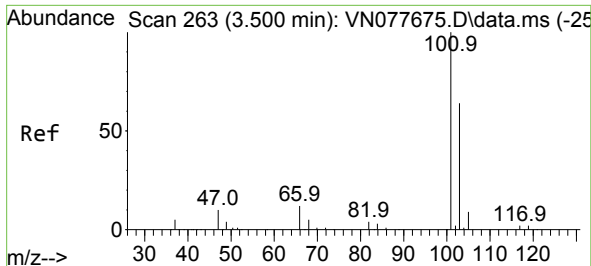
Tgt Ion: 94 Resp: 204060
Ion Ratio Lower Upper
94 100
96 90.4 73.1 109.7



#6
Chloroethane
Concen: 51.242 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion: 64 Resp: 193275
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.2

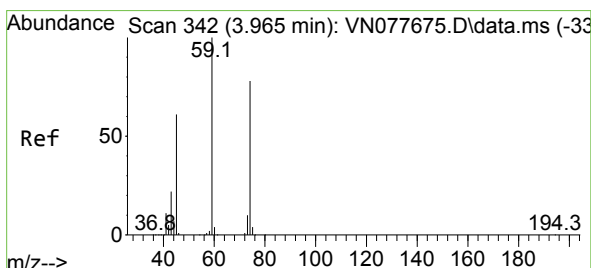
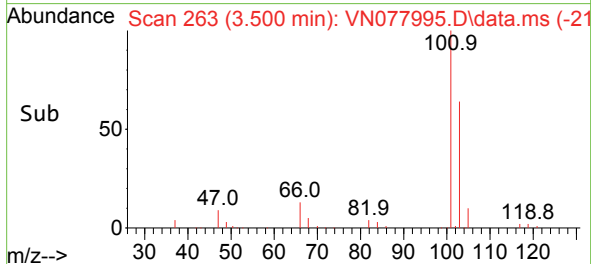
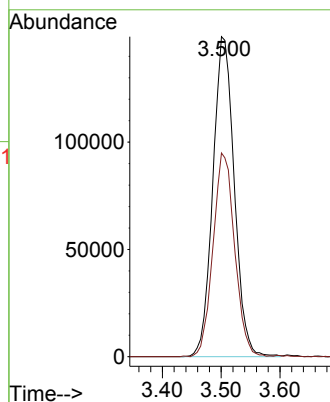
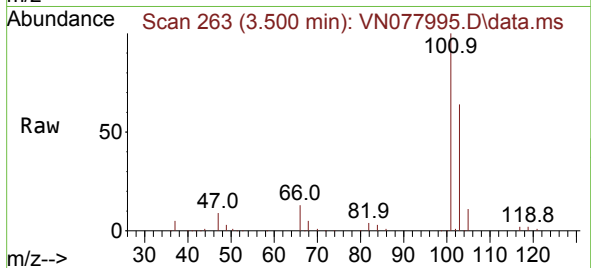




#7
 Trichlorofluoromethane
 Concen: 51.742 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN077995.D
 Acq: 31 May 2023 16:07

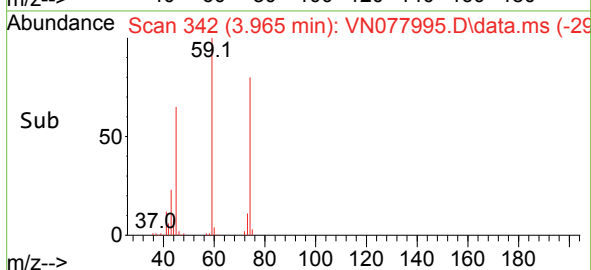
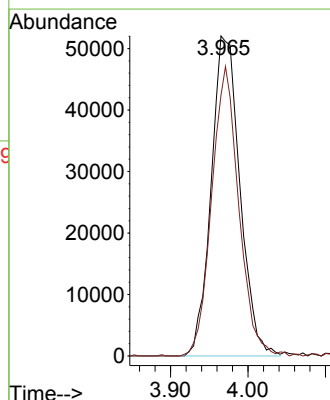
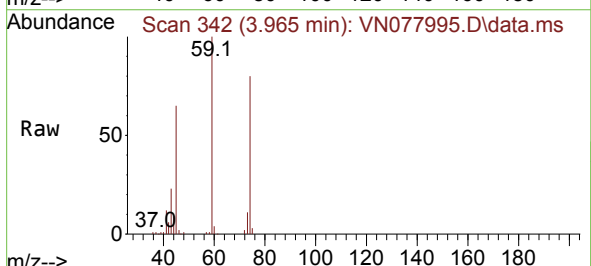
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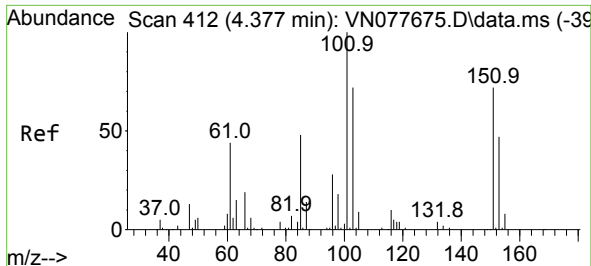
Tgt Ion:101 Resp: 377400
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.7 76.1



#8
 Diethyl Ether
 Concen: 50.354 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN077995.D
 Acq: 31 May 2023 16:07

Tgt Ion: 74 Resp: 134082
 Ion Ratio Lower Upper
 74 100
 45 85.5 34.4 103.3

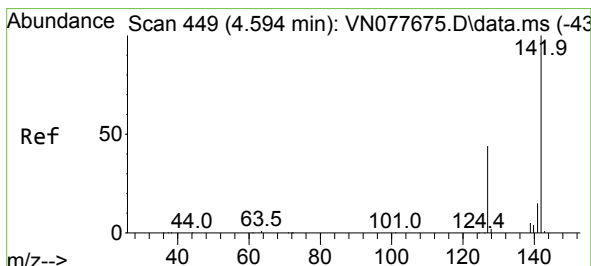
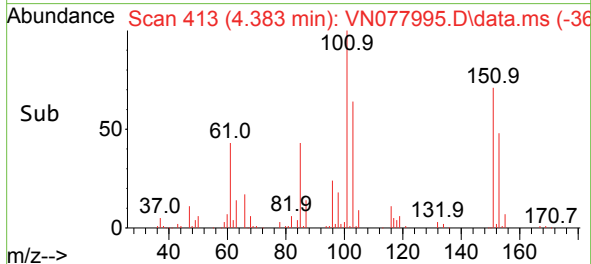
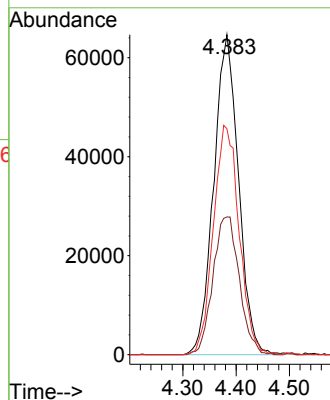
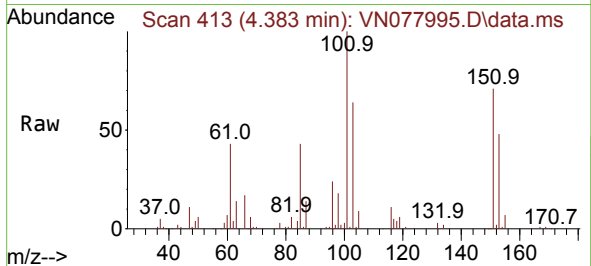




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.735 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077995.D
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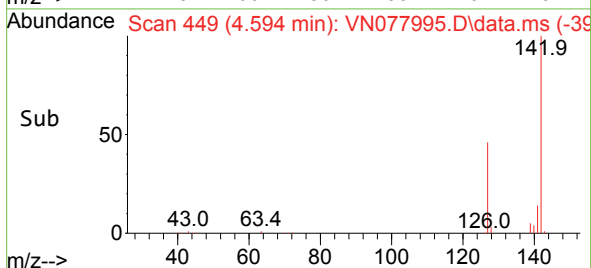
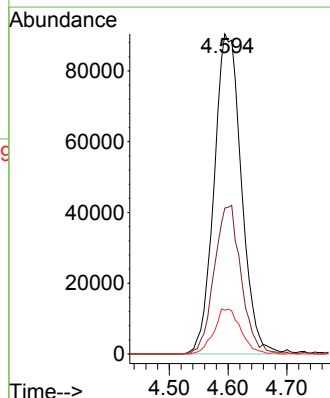
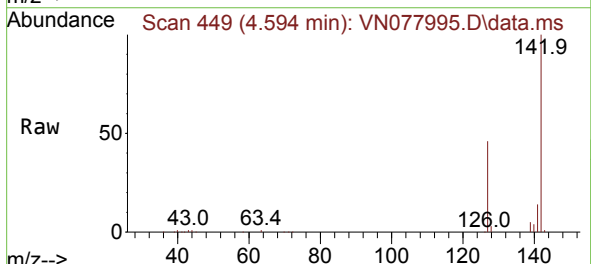
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

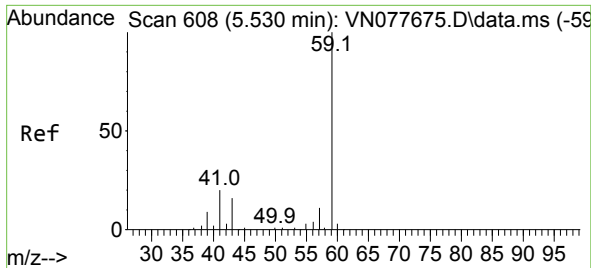
Tgt Ion:101 Resp: 208829
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 74.5 57.6 86.4



#10
Methyl Iodide
Concen: 60.510 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion:142 Resp: 291286
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 13.7 11.4 17.0

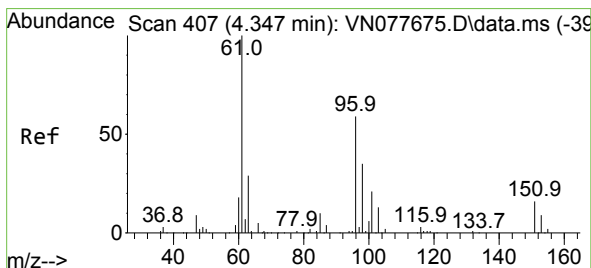
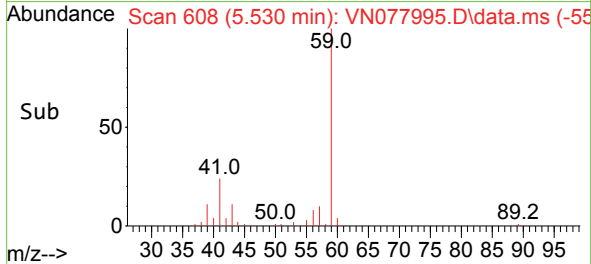
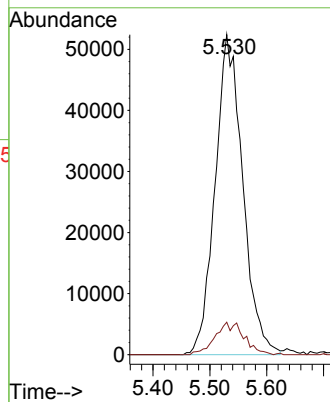
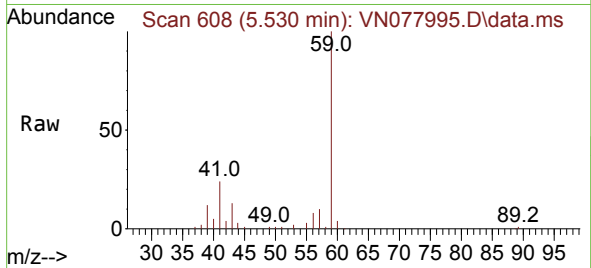




#11
Tert butyl alcohol
Concen: 234.634 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

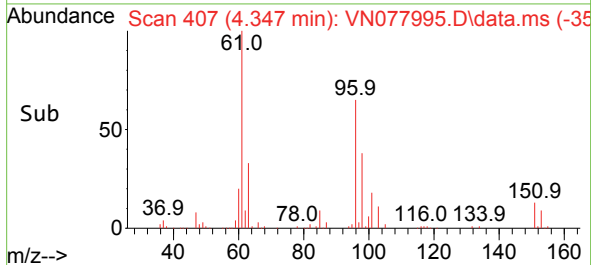
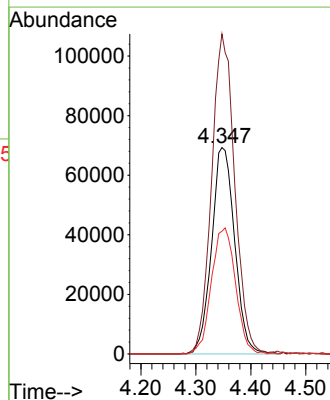
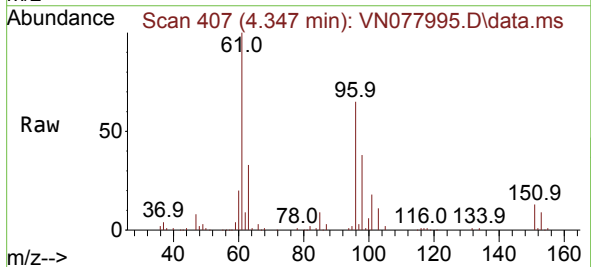
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

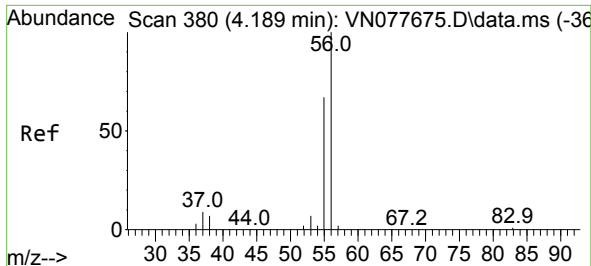
Tgt Ion: 59 Resp: 176730
Ion Ratio Lower Upper
59 100
57 5.8 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 52.785 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion: 96 Resp: 202506
Ion Ratio Lower Upper
96 100
61 155.0 112.7 169.1
98 59.5 51.2 76.8

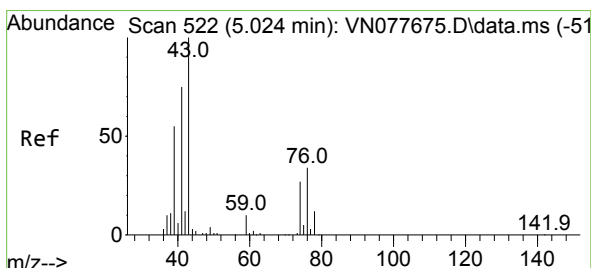
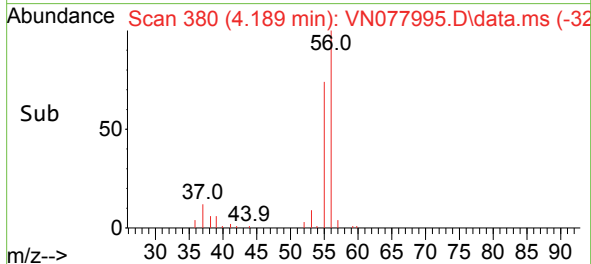
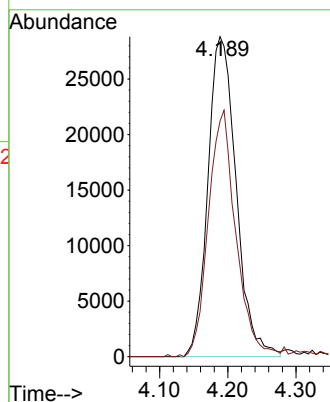
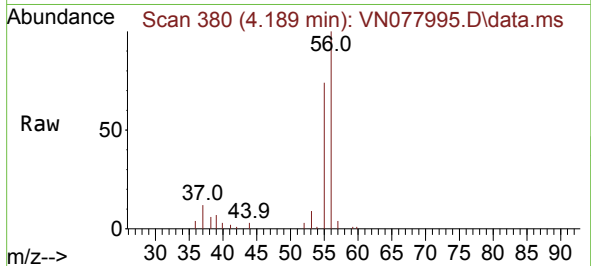




#13
Acrolein
Concen: 168.061 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

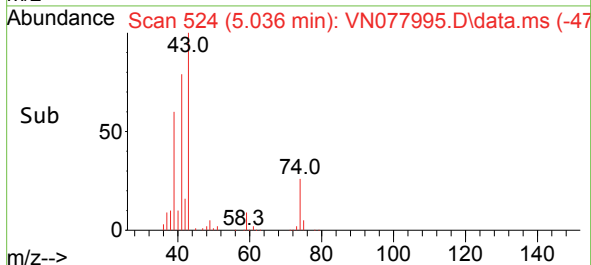
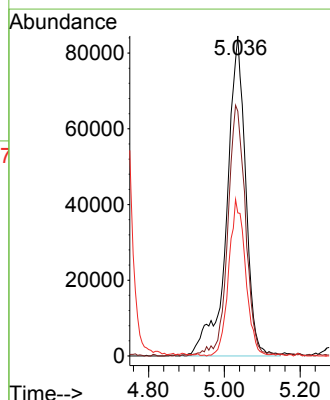
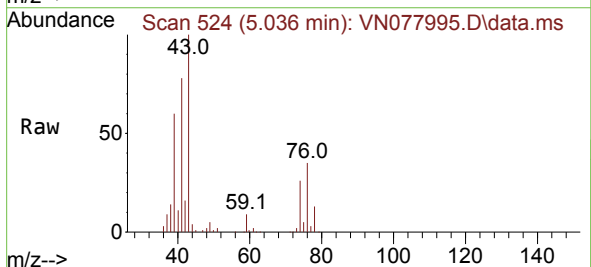
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

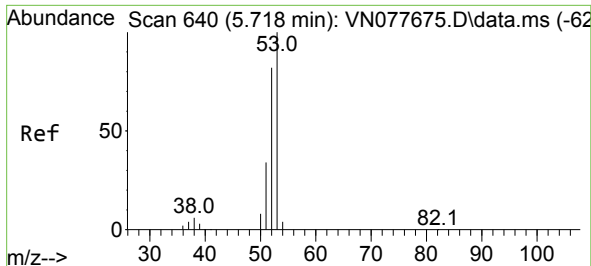
Tgt Ion: 56 Resp: 83164
Ion Ratio Lower Upper
56 100
55 74.6 54.5 81.7



#14
Allyl chloride
Concen: 52.287 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion: 41 Resp: 294682
Ion Ratio Lower Upper
41 100
39 73.5 58.8 88.2
76 43.2 39.1 58.7

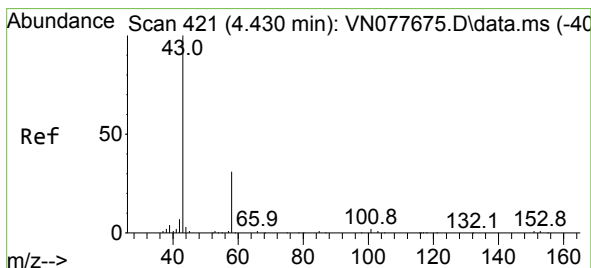
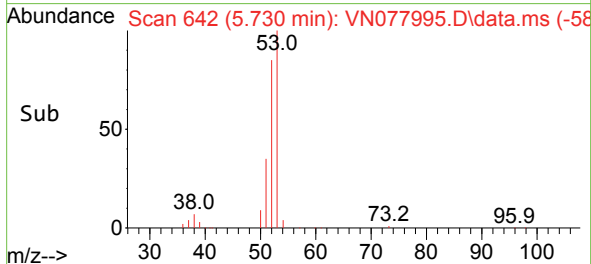
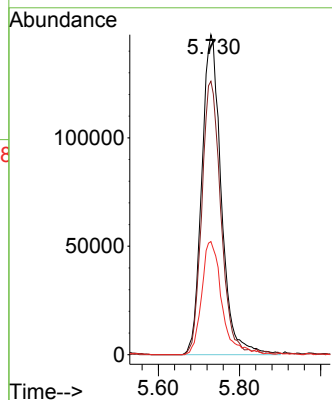
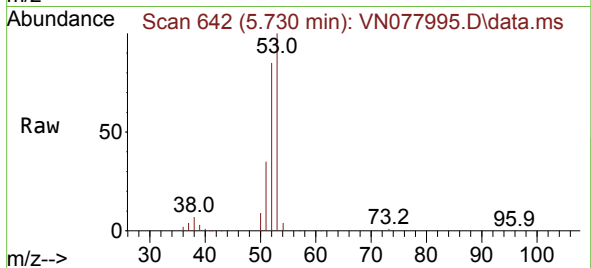




#15
Acrylonitrile
Concen: 244.997 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.012 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

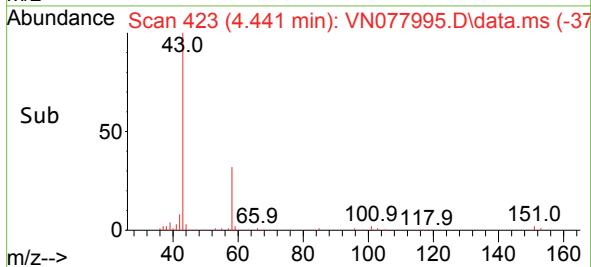
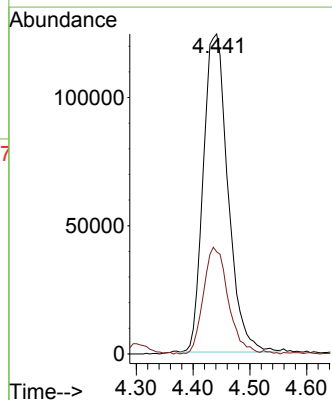
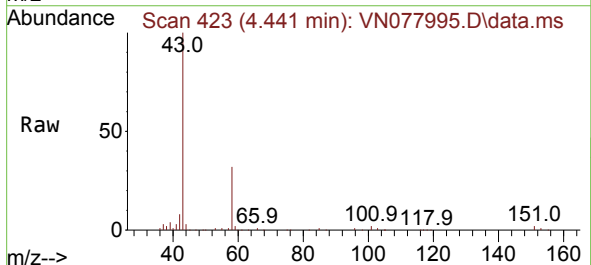
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

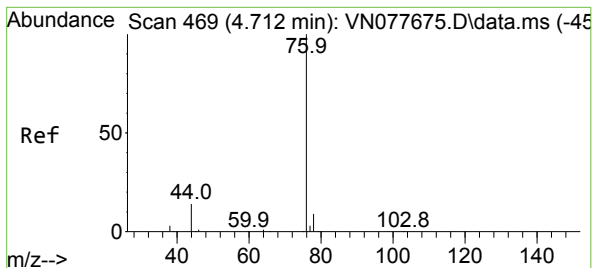
Tgt Ion: 53 Resp: 493009
Ion Ratio Lower Upper
53 100
52 83.6 65.3 97.9
51 36.6 28.9 43.3



#16
Acetone
Concen: 218.005 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion: 43 Resp: 374328
Ion Ratio Lower Upper
43 100
58 32.1 28.0 42.0





#17

Carbon Disulfide

Concen: 46.034 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

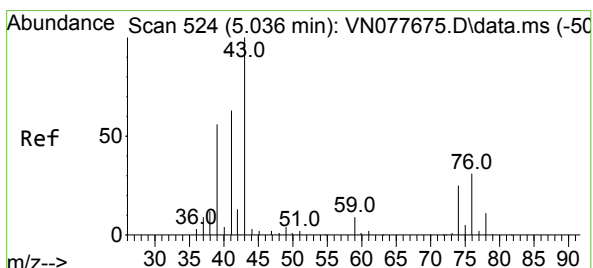
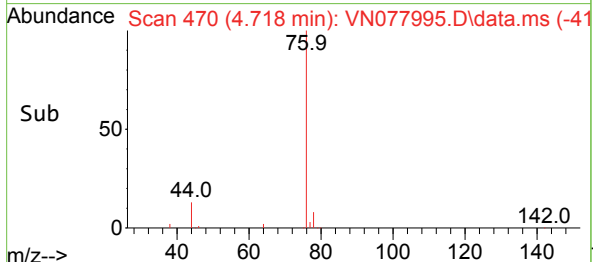
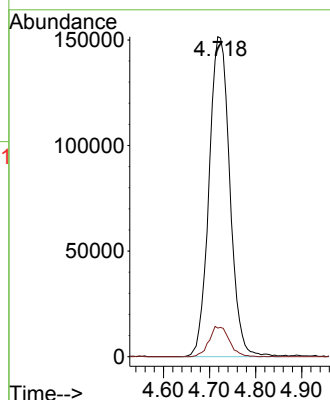
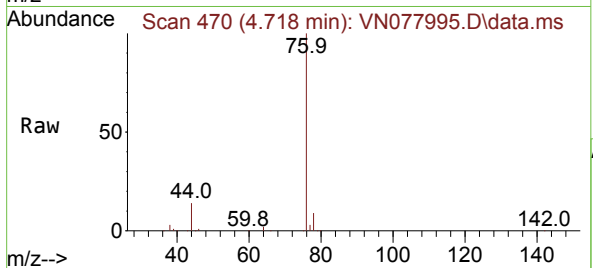
MW33S-20230523MS

Tgt Ion: 76 Resp: 475858

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



#18

Methyl Acetate

Concen: 48.192 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN077995.D

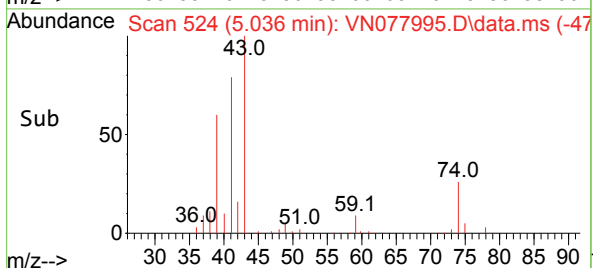
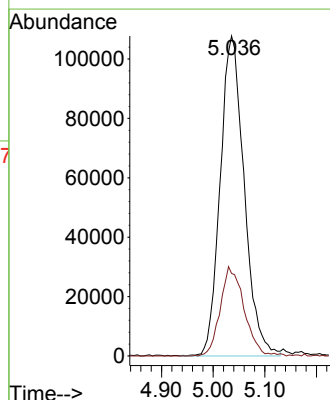
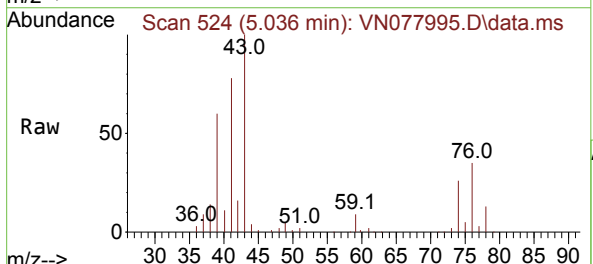
Acq: 31 May 2023 16:07

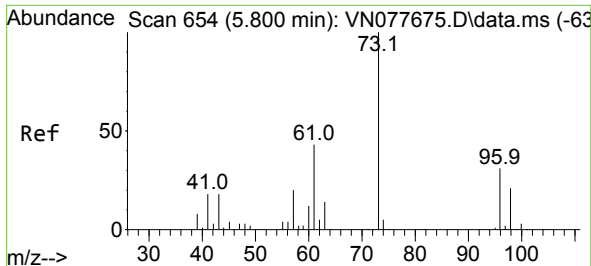
Tgt Ion: 43 Resp: 347143

Ion Ratio Lower Upper

43 100

74 27.8 26.2 39.4

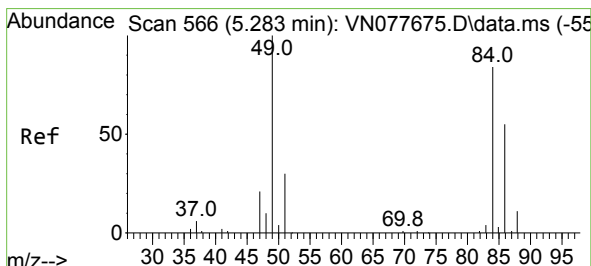
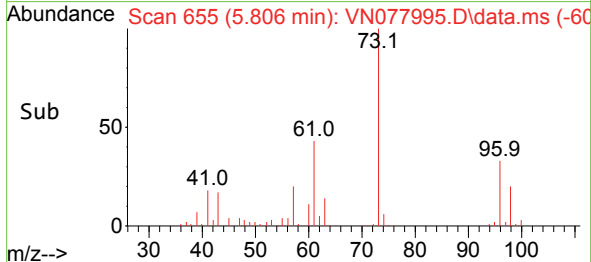
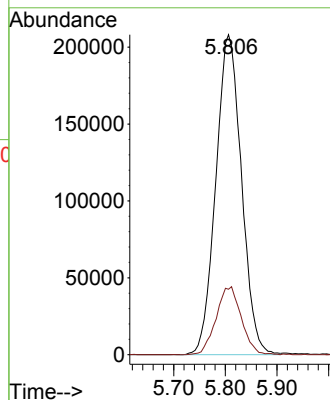
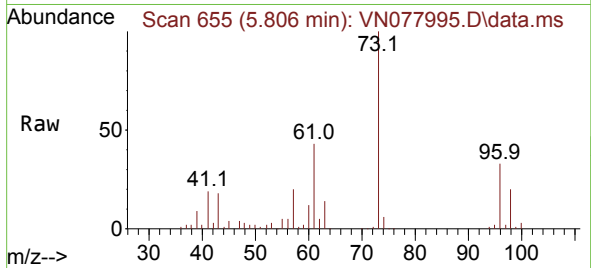




#19
Methyl tert-butyl Ether
Concen: 51.697 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

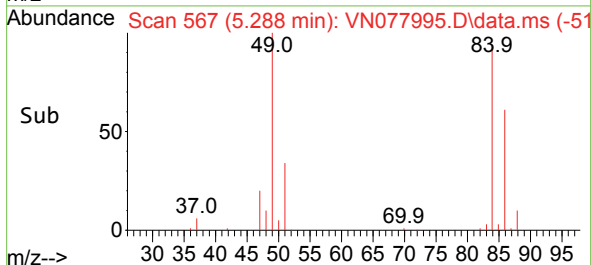
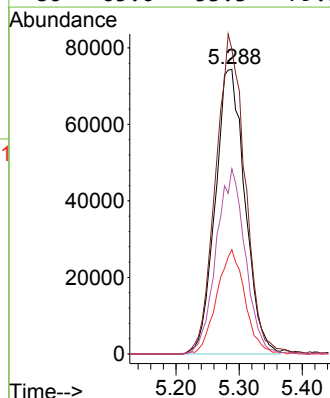
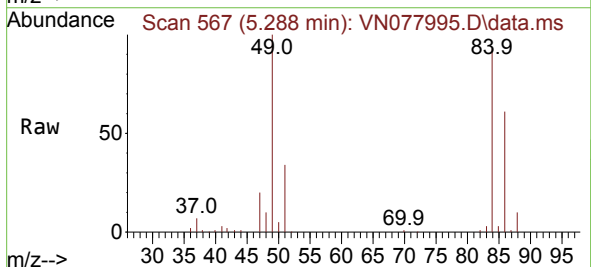
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

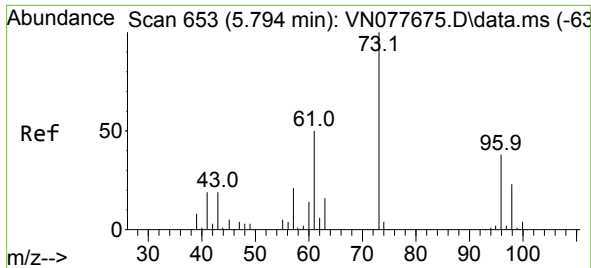
Tgt Ion: 73 Resp: 717889
Ion Ratio Lower Upper
73 100
57 20.5 15.6 23.4



#20
Methylene Chloride
Concen: 54.474 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion: 84 Resp: 242663
Ion Ratio Lower Upper
84 100
49 107.0 79.7 119.5
51 36.7 25.2 37.8
86 65.0 53.3 79.9

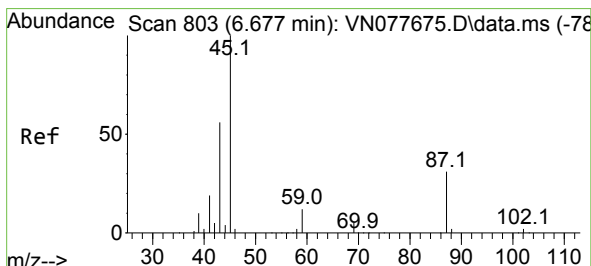
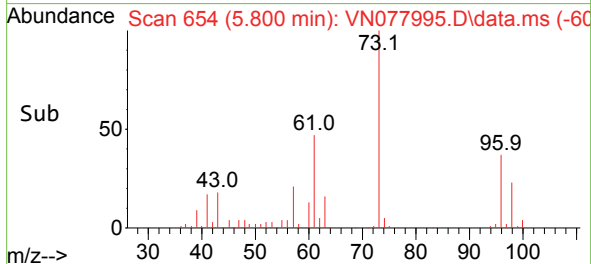
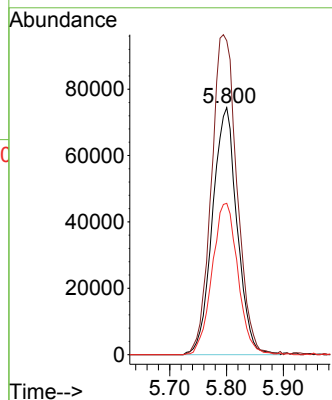
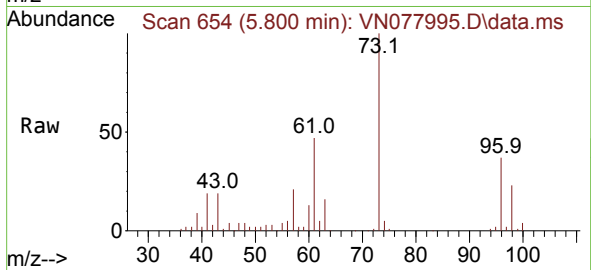




#21
trans-1,2-Dichloroethene
Concen: 51.976 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

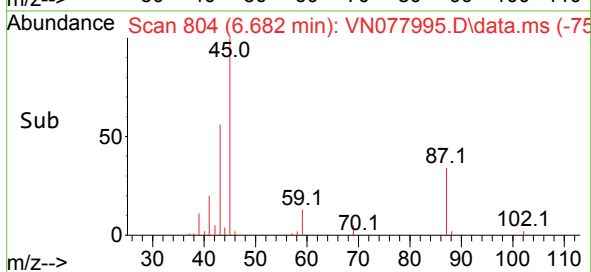
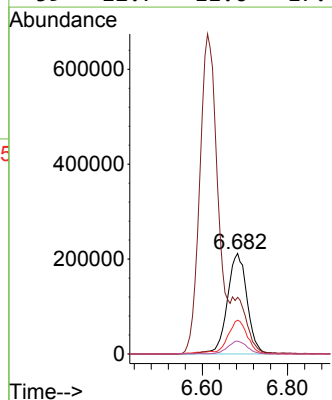
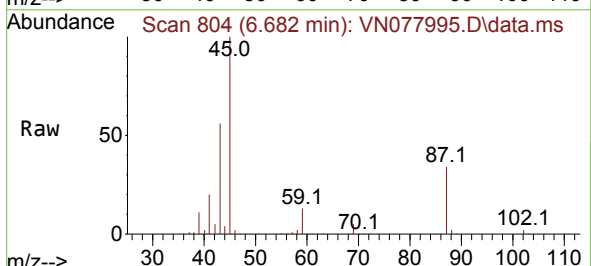
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

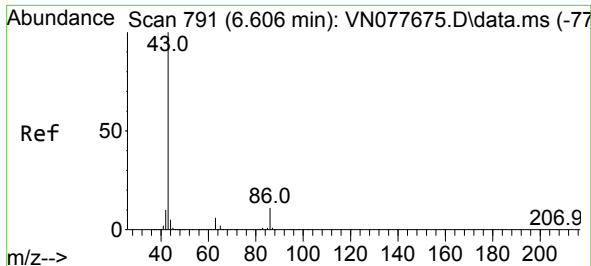
Tgt Ion: 96 Resp: 223989
Ion Ratio Lower Upper
96 100
61 127.1 90.1 135.1
98 61.3 46.4 69.6



#22
Diisopropyl ether
Concen: 51.579 ug/l
RT: 6.682 min Scan# 804
Delta R.T. 0.005 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion: 45 Resp: 681373
Ion Ratio Lower Upper
45 100
43 55.9 45.5 68.3
87 33.5 31.8 47.8
59 12.7 11.6 17.4

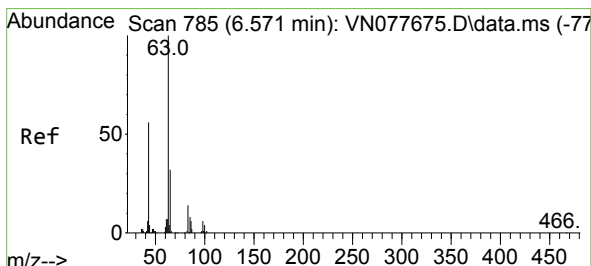
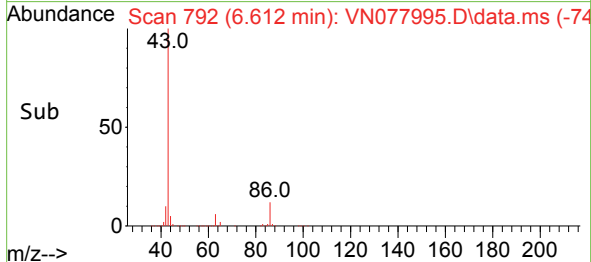
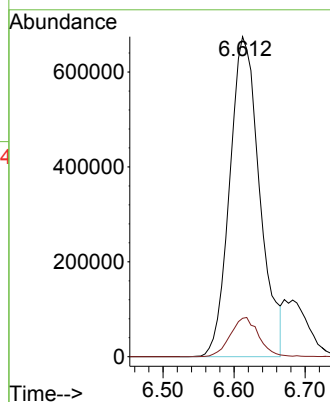
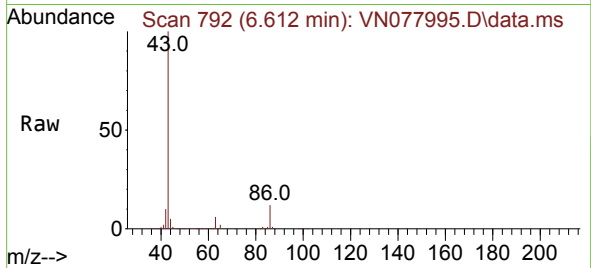




#23
 Vinyl Acetate
 Concen: 241.971 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077995.D
 Acq: 31 May 2023 16:07

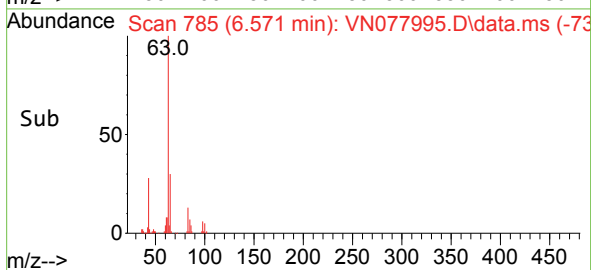
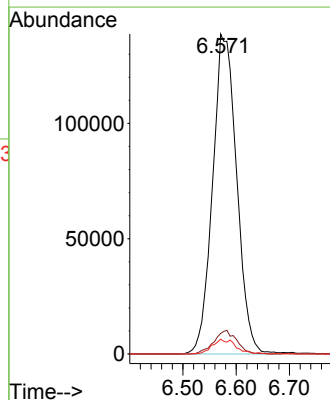
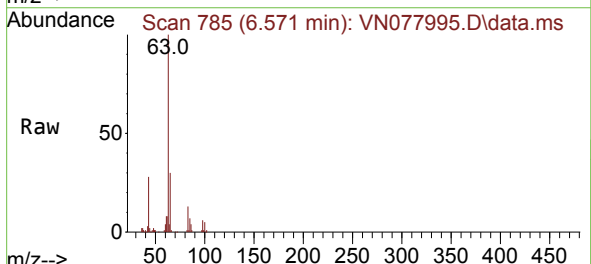
Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MS

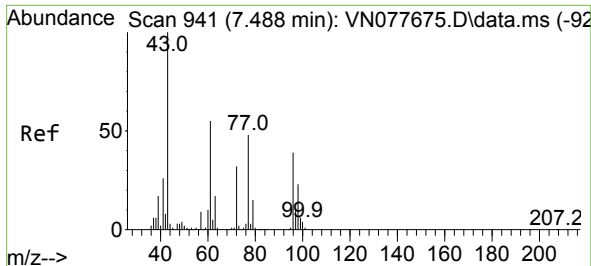
Tgt Ion: 43 Resp: 1980471
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 53.879 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN077995.D
 Acq: 31 May 2023 16:07

Tgt Ion: 63 Resp: 436049
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 4.6 2.5 7.4

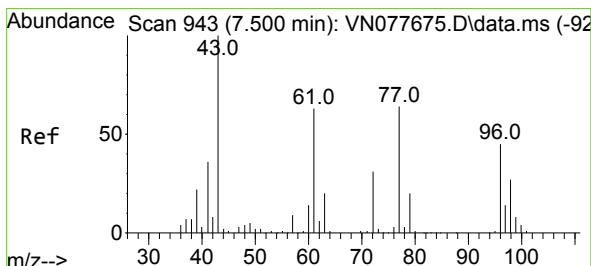
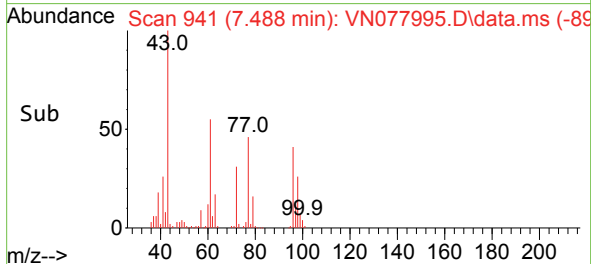
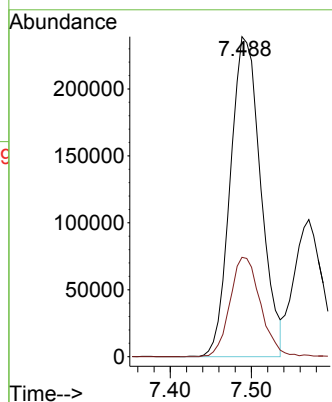
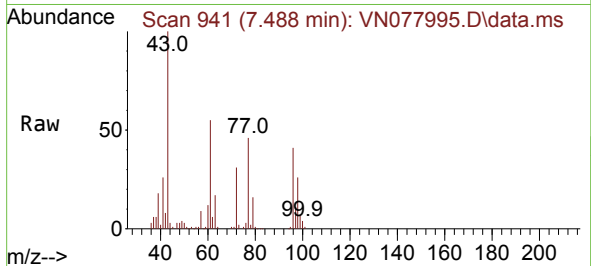




#25
2-Butanone
Concen: 231.675 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

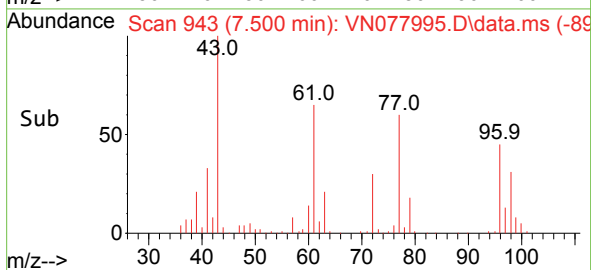
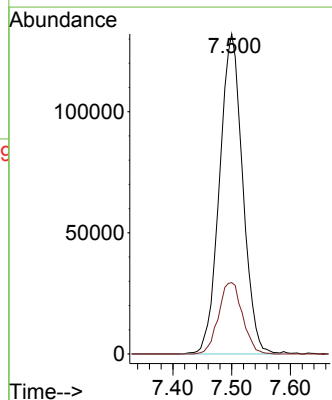
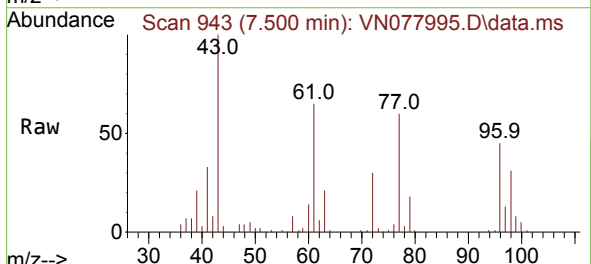
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

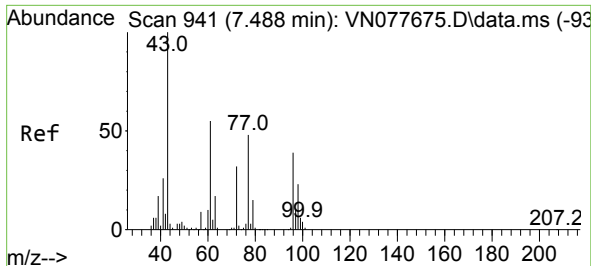
Tgt Ion: 43 Resp: 622280
Ion Ratio Lower Upper
43 100
72 31.0 30.2 45.2



#26
2,2-Dichloropropane
Concen: 52.524 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

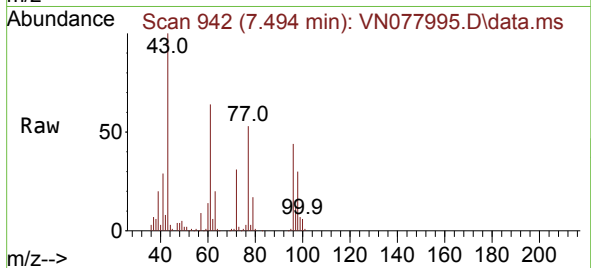
Tgt Ion: 77 Resp: 361141
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6



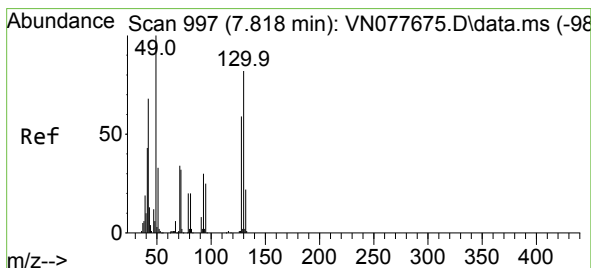
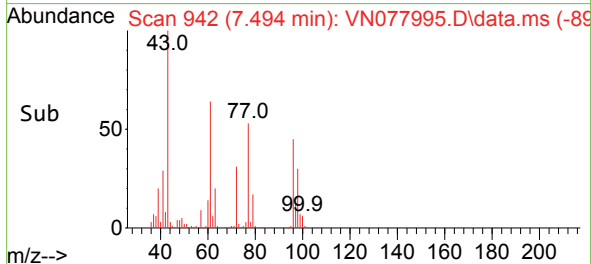
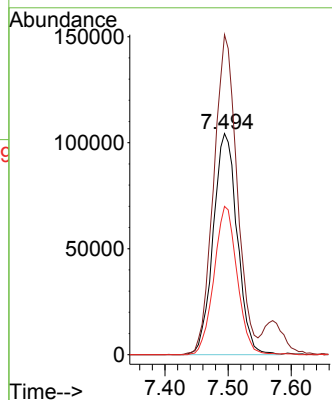


#27
 cis-1,2-Dichloroethene
 Concen: 53.417 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077995.D
 Acq: 31 May 2023 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MS

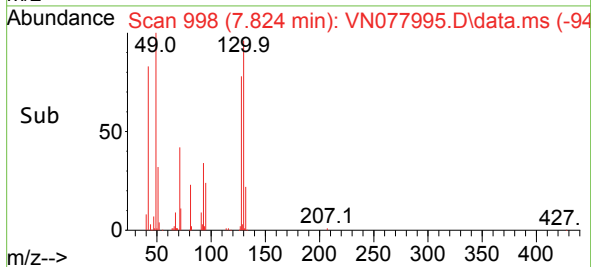
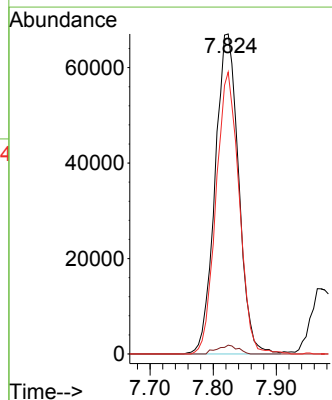
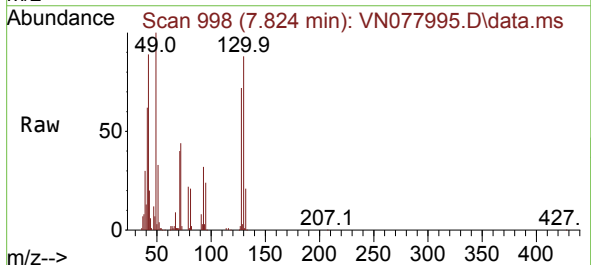


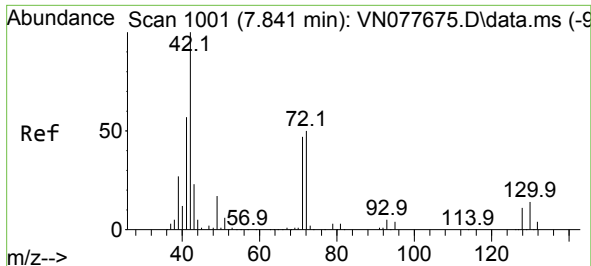
Tgt Ion: 96 Resp: 276019
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 255.2
 98 64.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 49.648 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077995.D
 Acq: 31 May 2023 16:07

Tgt Ion: 49 Resp: 173774
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 86.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 232.300 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

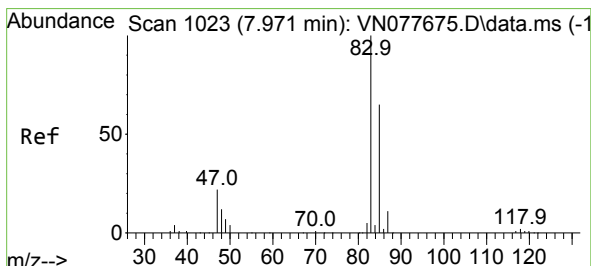
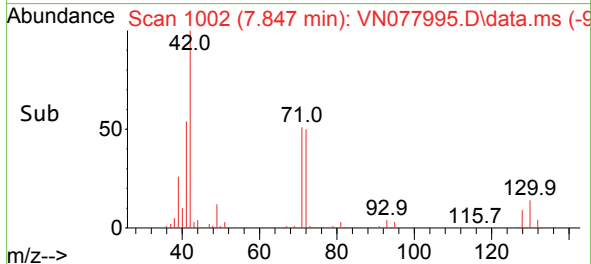
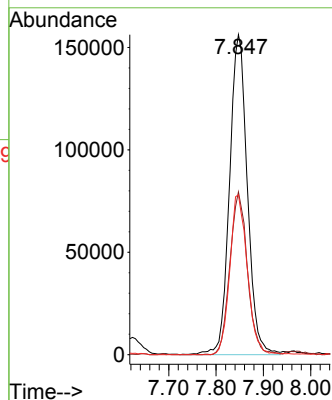
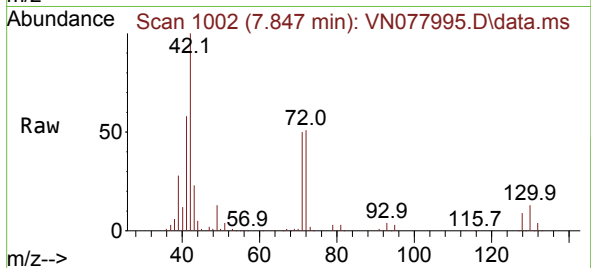
Tgt Ion: 42 Resp: 408564

Ion Ratio Lower Upper

42 100

72 50.1 49.8 74.6

71 49.1 47.4 71.2



#30

Chloroform

Concen: 53.061 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077995.D

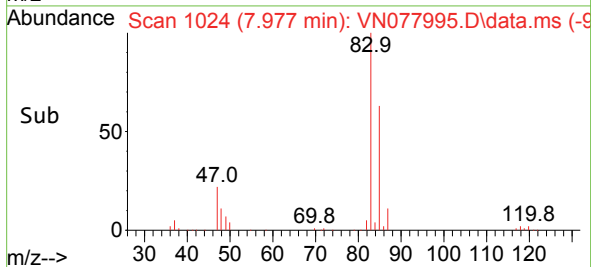
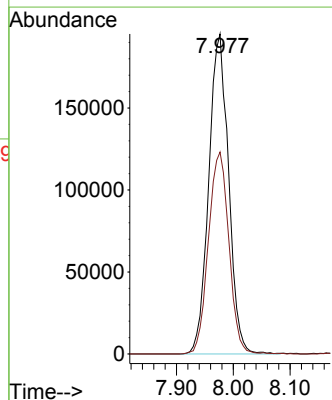
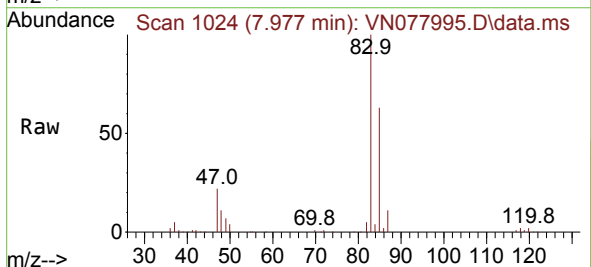
Acq: 31 May 2023 16:07

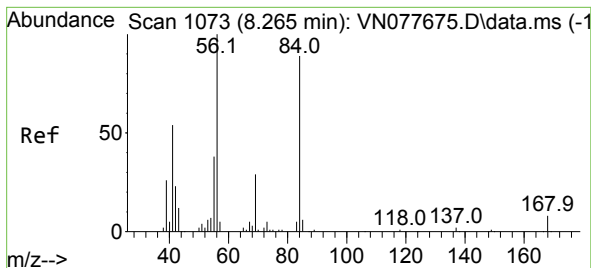
Tgt Ion: 83 Resp: 472388

Ion Ratio Lower Upper

83 100

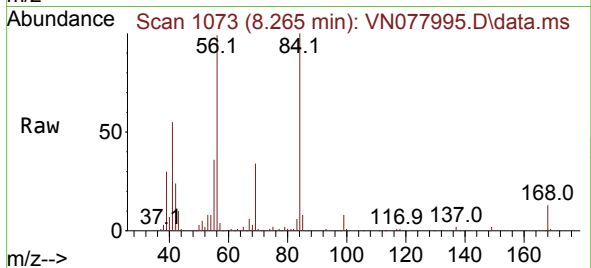
85 63.1 55.4 83.0



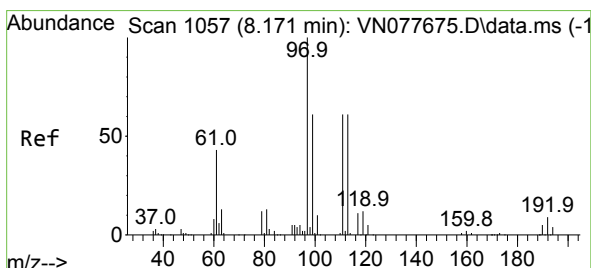
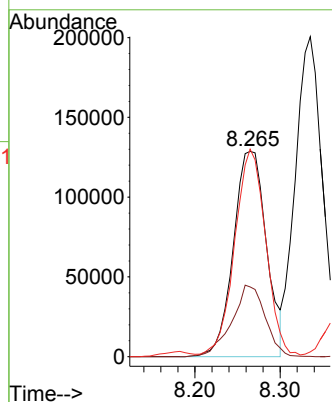
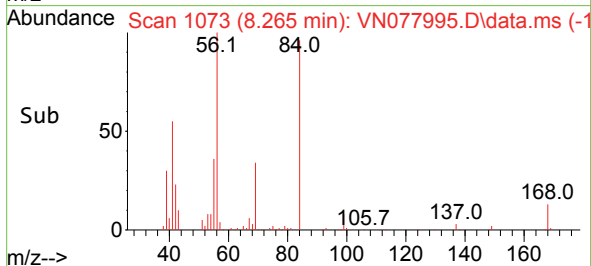


#31
Cyclohexane
Concen: 46.755 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

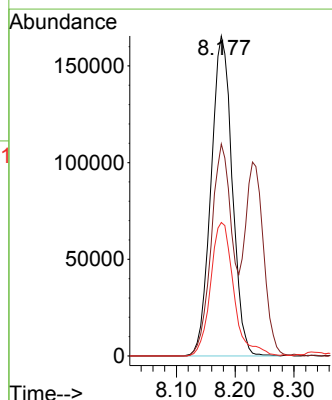
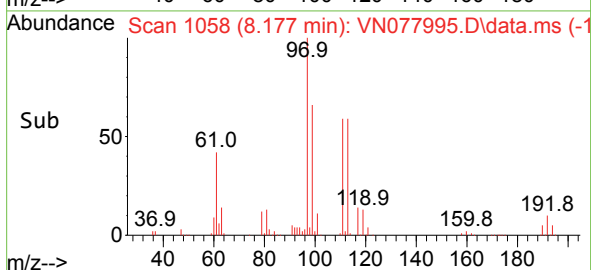
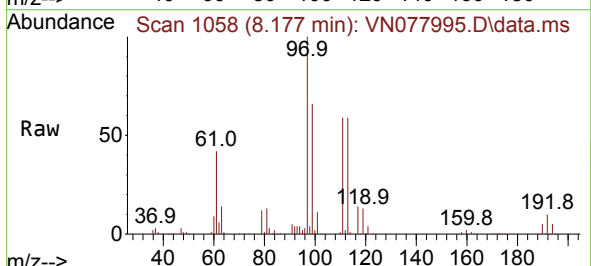


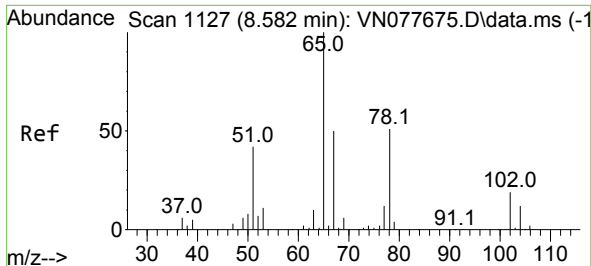
Tgt Ion: 56 Resp: 346820
Ion Ratio Lower Upper
56 100
69 34.0 26.8 40.2
84 98.5 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 54.660 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion: 97 Resp: 413725
Ion Ratio Lower Upper
97 100
99 65.7 50.3 75.5
61 45.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.615 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

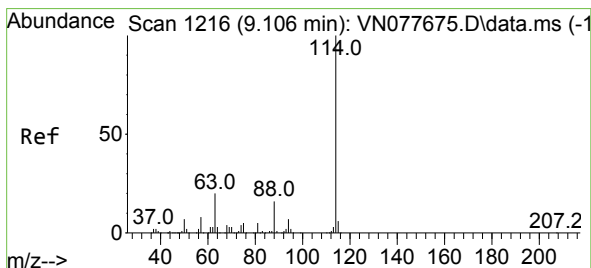
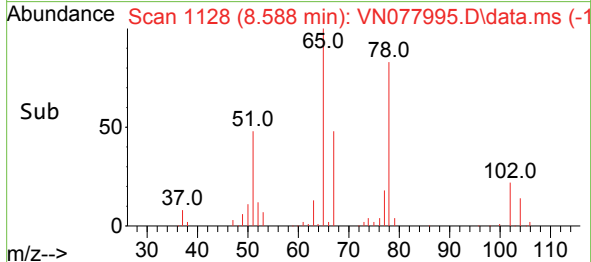
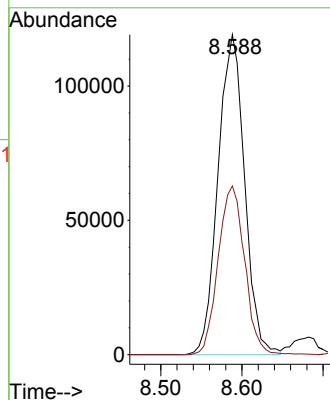
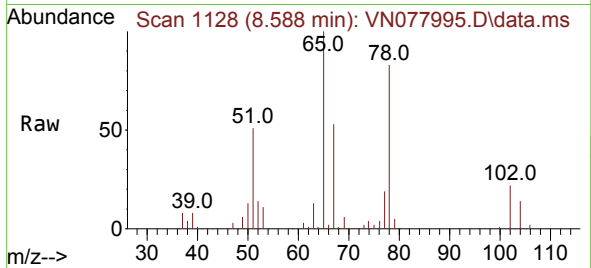
MW33S-20230523MS

Tgt Ion: 65 Resp: 270786

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

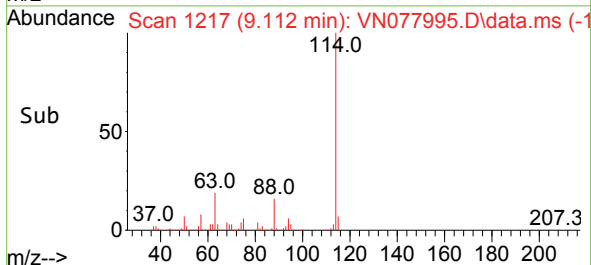
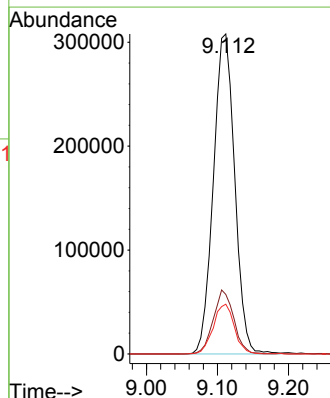
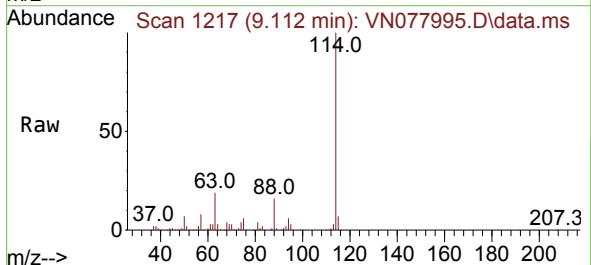
Tgt Ion: 114 Resp: 641267

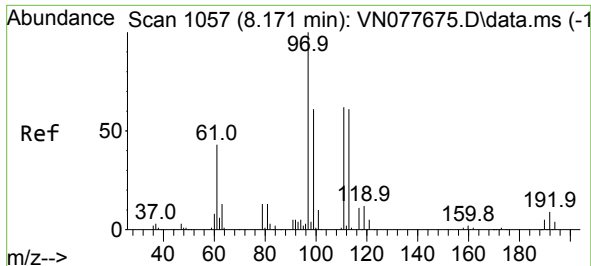
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 15.5 0.0 30.6

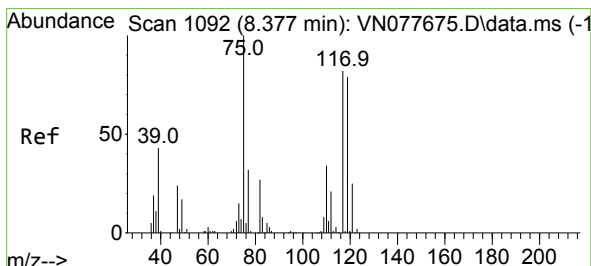
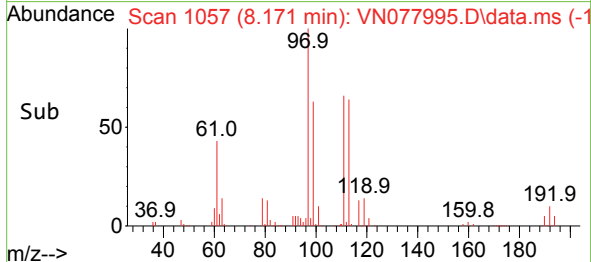
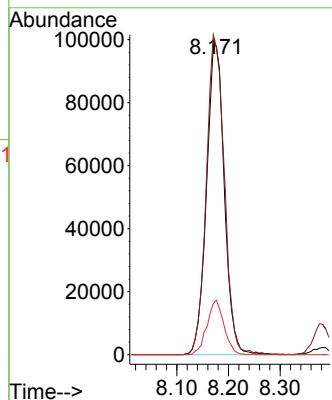
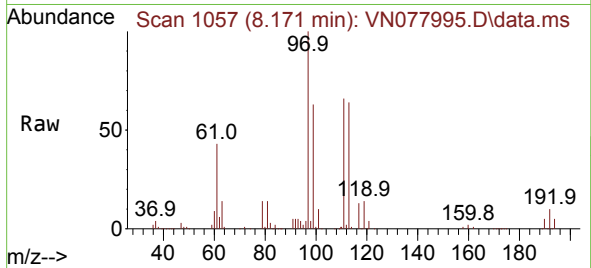




#35
Dibromofluoromethane
Concen: 56.559 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

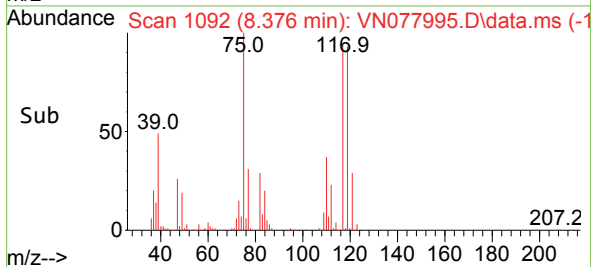
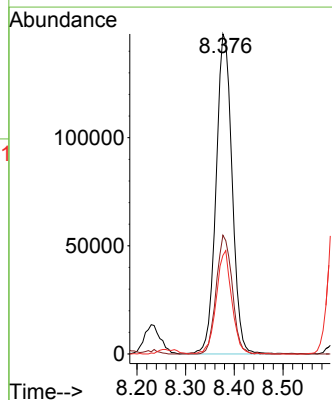
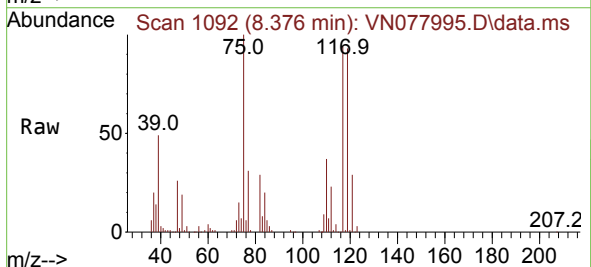
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

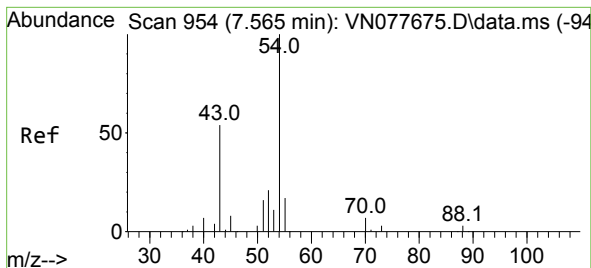
Tgt Ion:113 Resp: 236510
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 16.8 12.7 19.1



#36
1,1-Dichloropropene
Concen: 55.588 ug/l
RT: 8.376 min Scan# 1092
Delta R.T. -0.001 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion: 75 Resp: 339994
Ion Ratio Lower Upper
75 100
110 36.9 19.1 57.3
77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 47.409 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

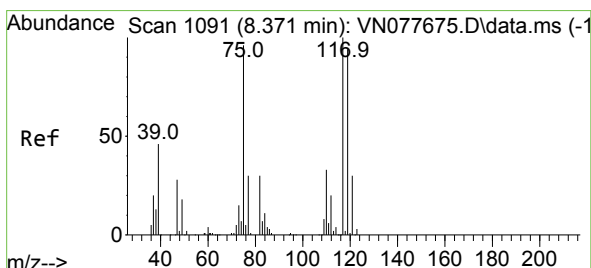
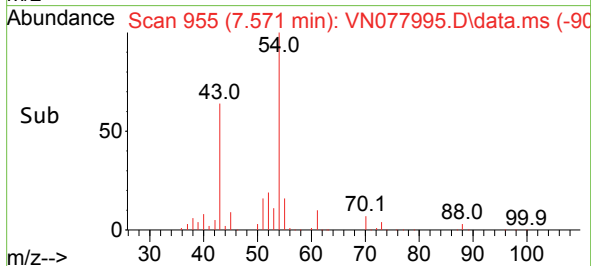
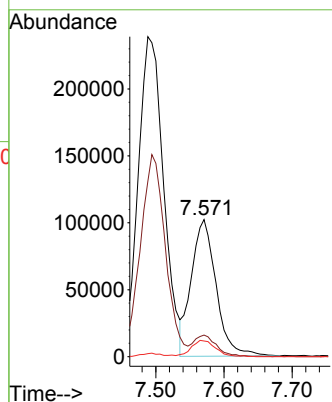
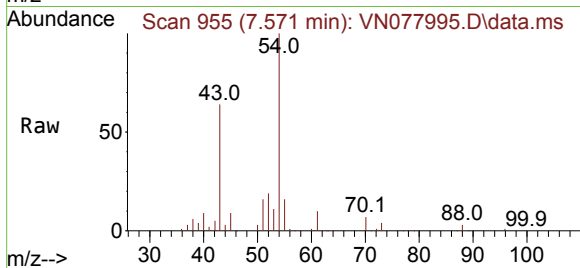
Tgt Ion: 43 Resp: 258449

Ion Ratio Lower Upper

43 100

61 14.1 13.2 19.8

70 11.7 11.3 16.9



#38

Carbon Tetrachloride

Concen: 59.012 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

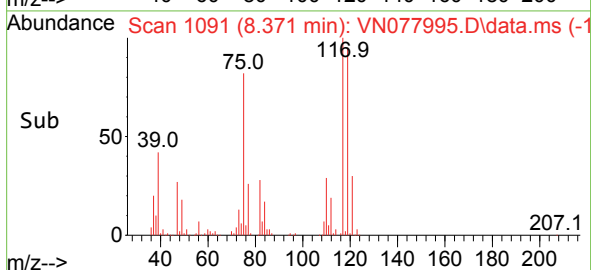
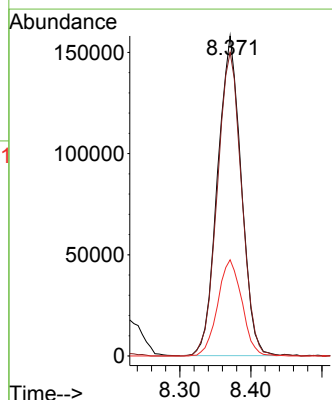
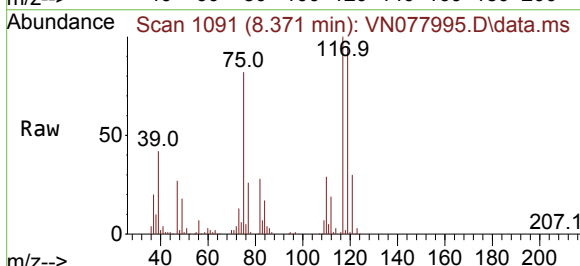
Tgt Ion: 117 Resp: 364470

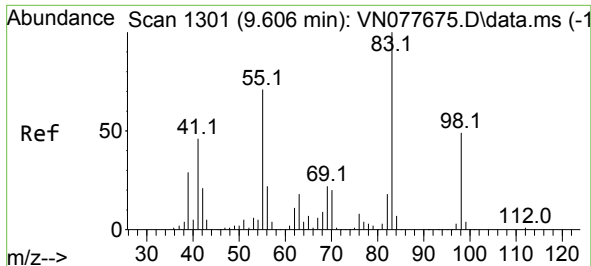
Ion Ratio Lower Upper

117 100

119 95.0 77.3 115.9

121 30.1 23.3 34.9

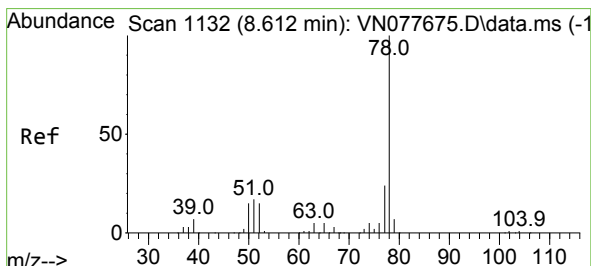
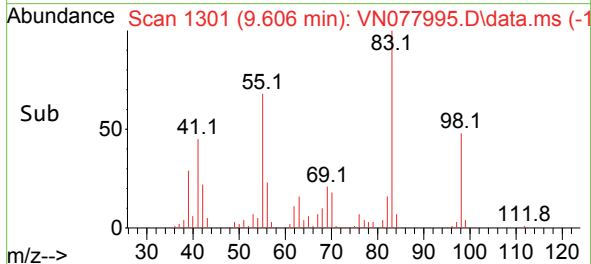
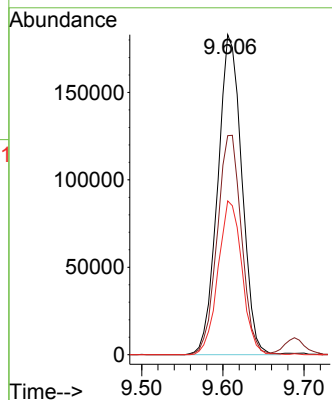
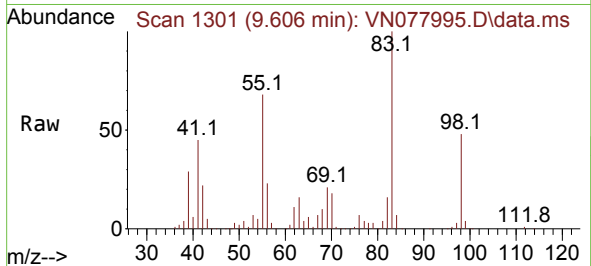




#39
Methylcyclohexane
Concen: 50.502 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

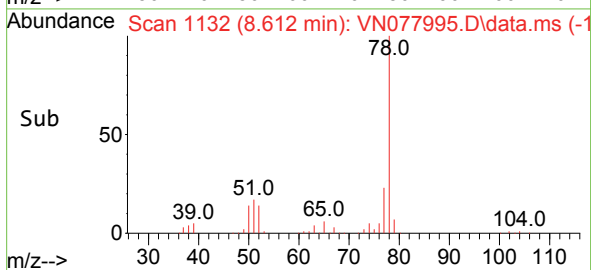
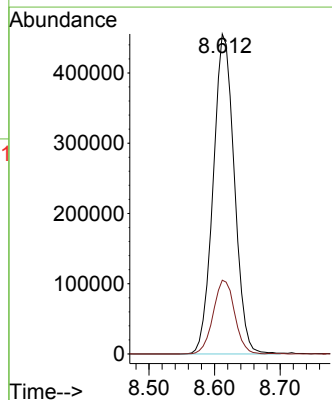
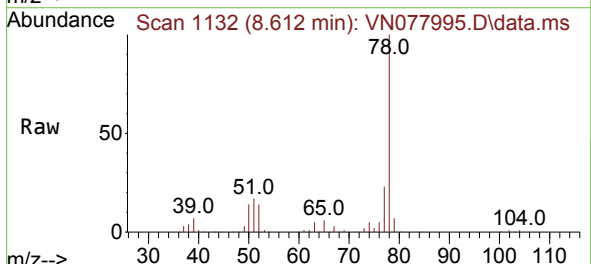
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

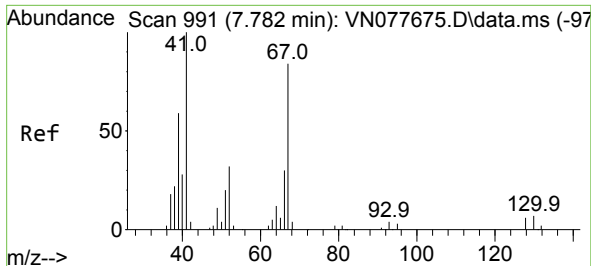
Tgt Ion: 83 Resp: 378150
Ion Ratio Lower Upper
83 100
55 68.5 49.1 73.7
98 48.1 40.6 61.0



#40
Benzene
Concen: 56.430 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

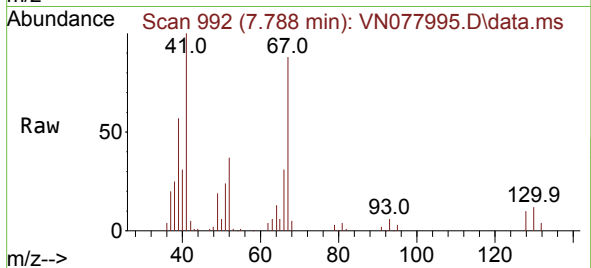
Tgt Ion: 78 Resp: 1018494
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6



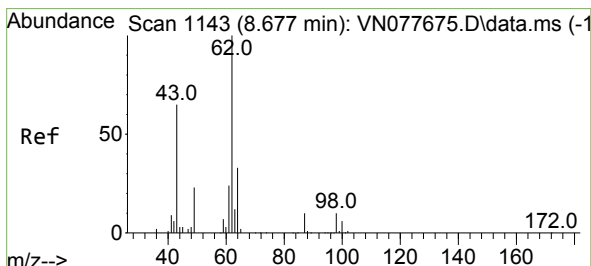
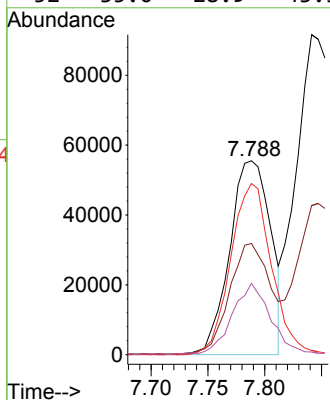
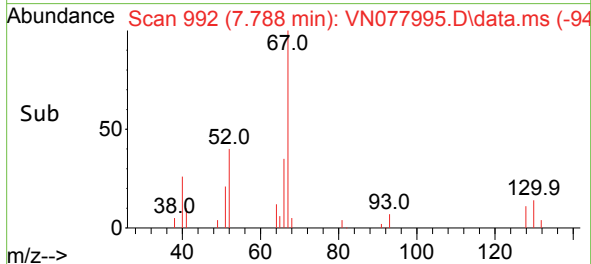


#41
Methacrylonitrile
Concen: 48.024 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

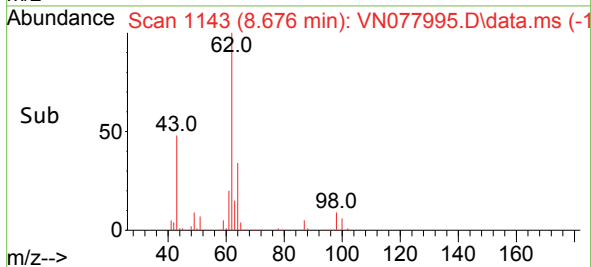
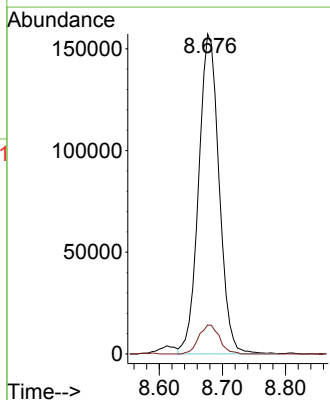
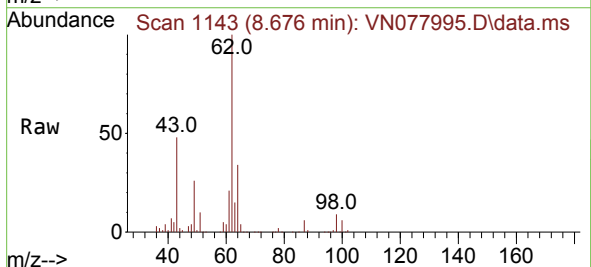


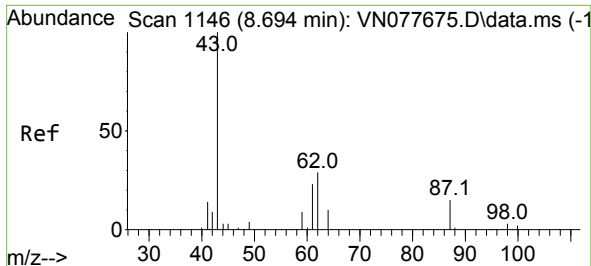
Tgt Ion:	41	Resp:	139426
Ion	Ratio	Lower	Upper
41	100		
39	56.7	42.6	64.0
67	87.7	77.5	116.3
52	35.0	28.9	43.3



#42
1,2-Dichloroethane
Concen: 53.811 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion:	62	Resp:	352804
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8

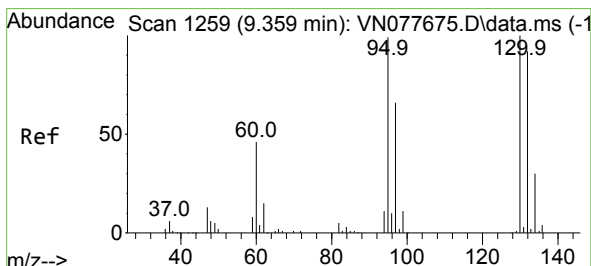
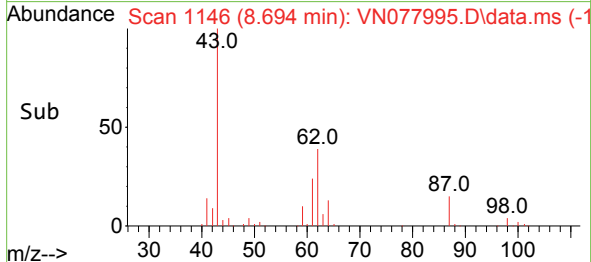
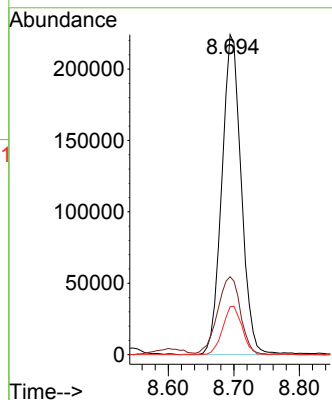
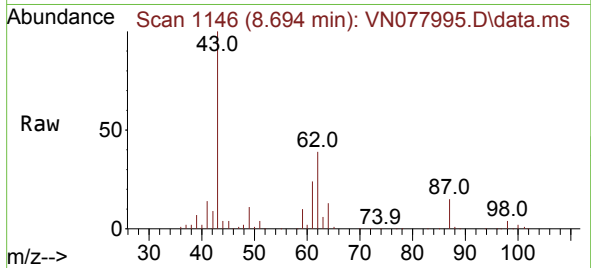




#43
Isopropyl Acetate
Concen: 51.631 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

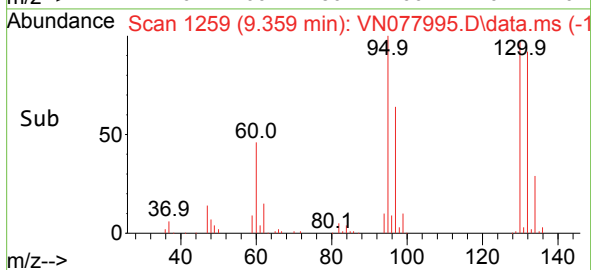
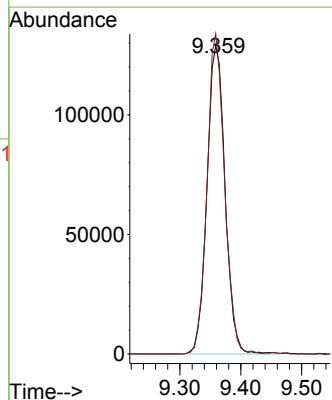
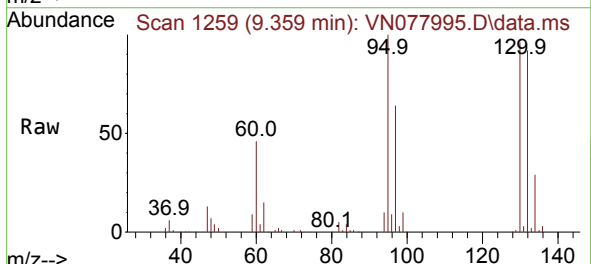
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

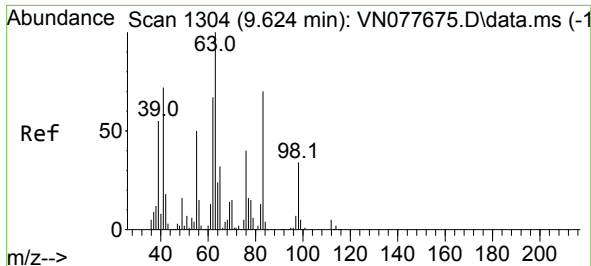
Tgt Ion: 43 Resp: 459746
Ion Ratio Lower Upper
43 100
61 28.4 24.7 37.1
87 15.2 14.6 21.8



#44
Trichloroethene
Concen: 58.191 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion:130 Resp: 265942
Ion Ratio Lower Upper
130 100
95 103.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 57.609 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

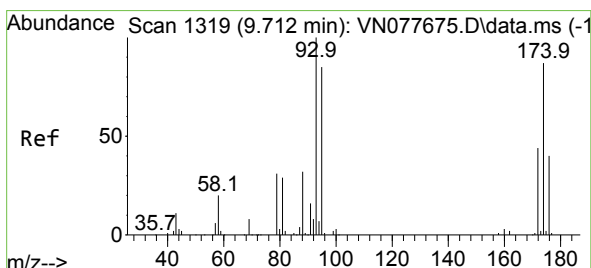
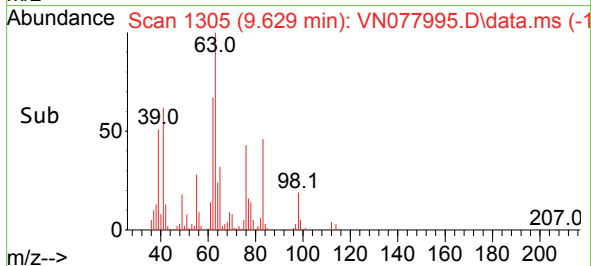
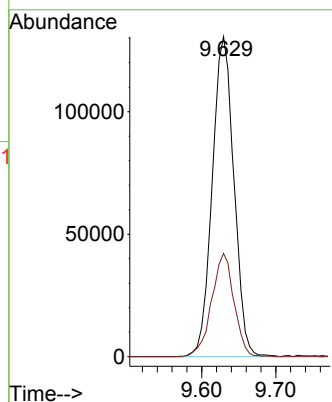
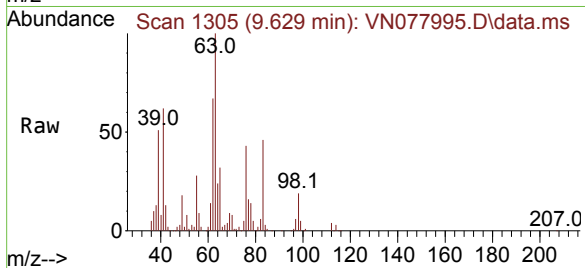
MW33S-20230523MS

Tgt Ion: 63 Resp: 265220

Ion Ratio Lower Upper

63 100

65 32.3 23.9 35.9



#46

Dibromomethane

Concen: 56.835 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

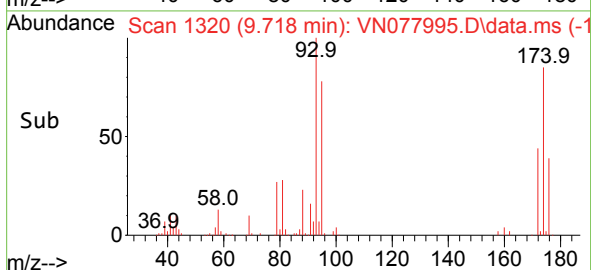
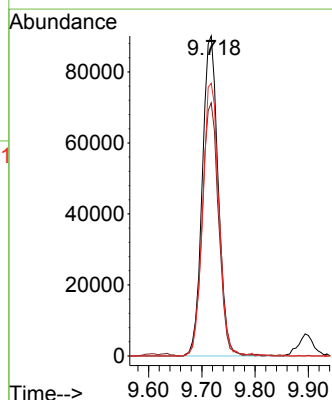
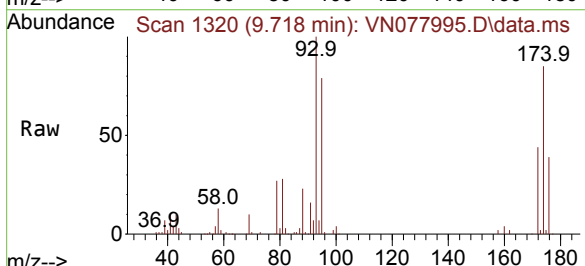
Tgt Ion: 93 Resp: 187232

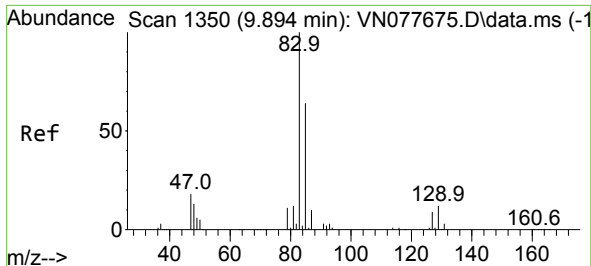
Ion Ratio Lower Upper

93 100

95 80.9 63.8 95.8

174 86.4 65.6 98.4

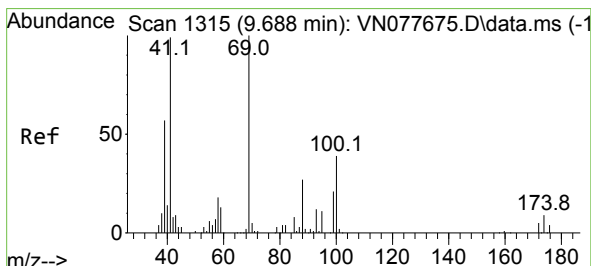
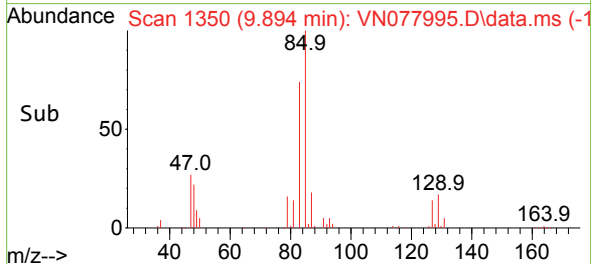
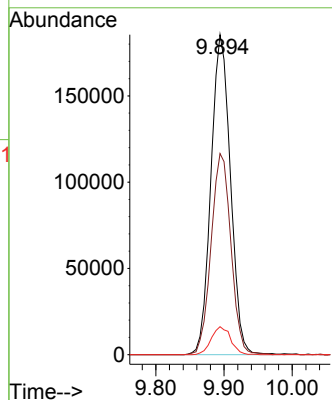
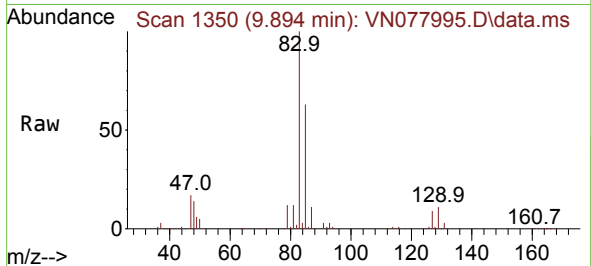




#47
Bromodichloromethane
Concen: 58.480 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

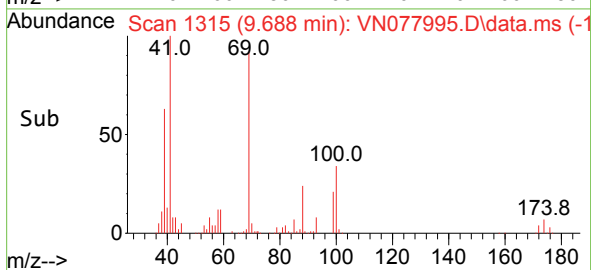
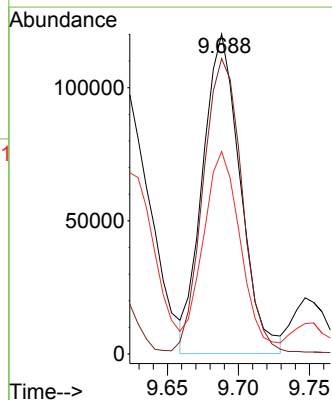
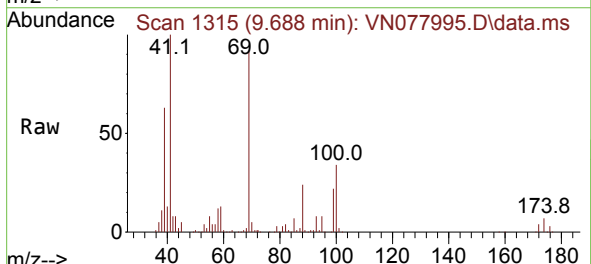
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

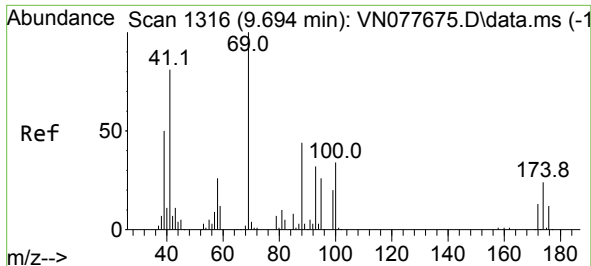
Tgt Ion: 83 Resp: 368829
Ion Ratio Lower Upper
83 100
85 62.9 49.6 74.4
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 52.498 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion: 41 Resp: 221636
Ion Ratio Lower Upper
41 100
69 94.7 90.4 135.6
39 63.4 54.6 81.8





#49

1,4-Dioxane

Concen: 1144.323 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

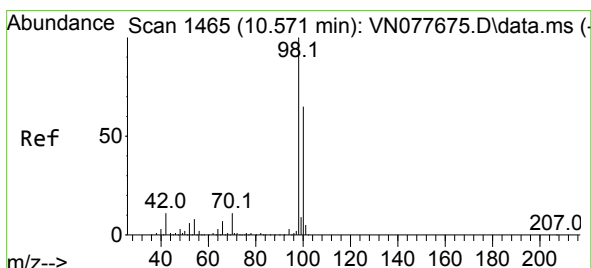
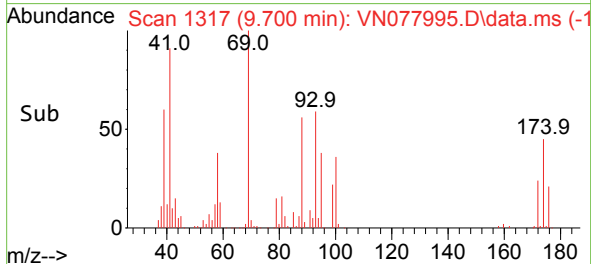
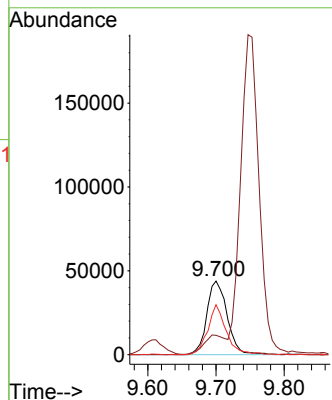
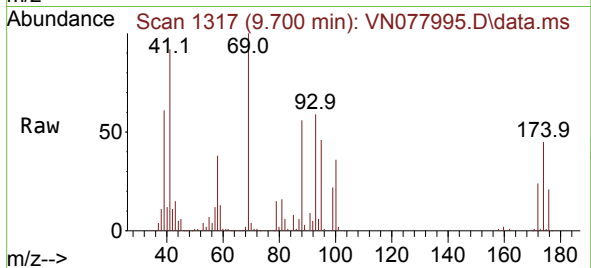
Tgt Ion: 88 Resp: 91246

Ion Ratio Lower Upper

88 100

43 25.0 17.0 25.6

58 61.4 47.0 70.4



#50

Toluene-d8

Concen: 53.381 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN077995.D

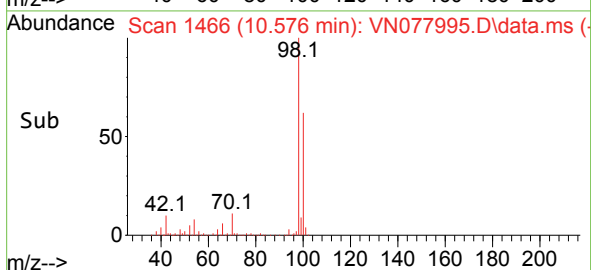
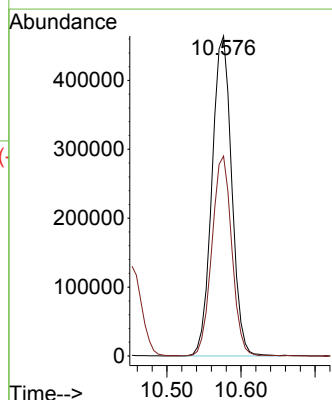
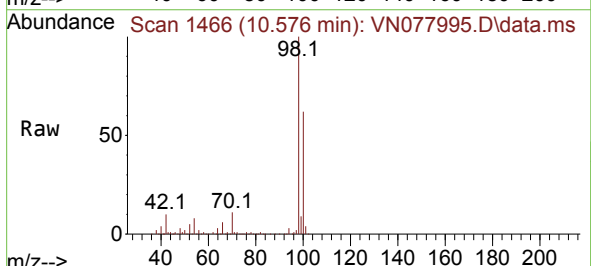
Acq: 31 May 2023 16:07

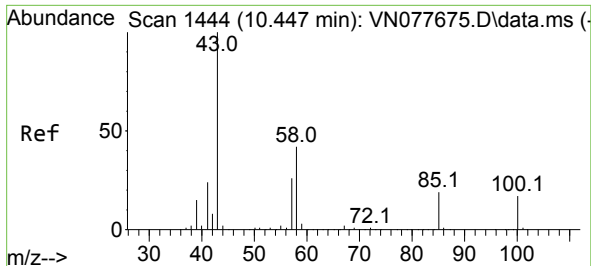
Tgt Ion: 98 Resp: 859190

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0

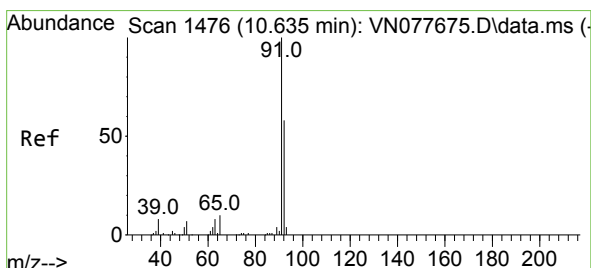
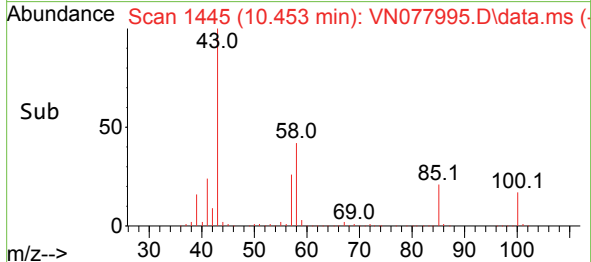
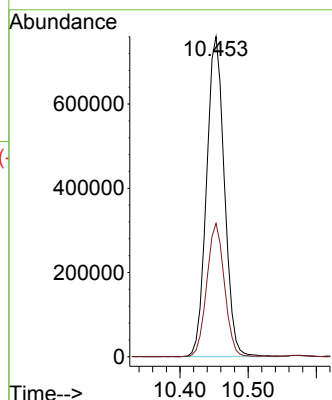
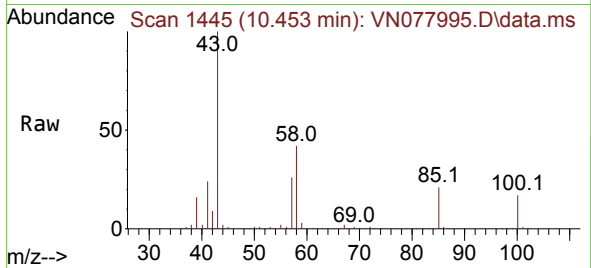




#51
4-Methyl-2-Pentanone
Concen: 261.582 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

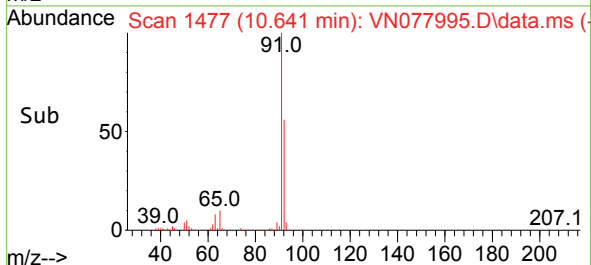
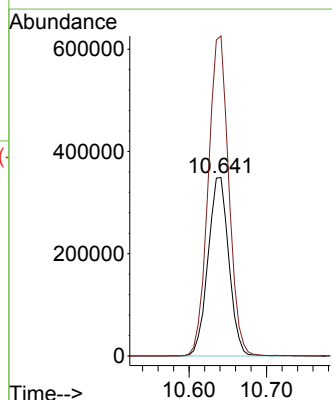
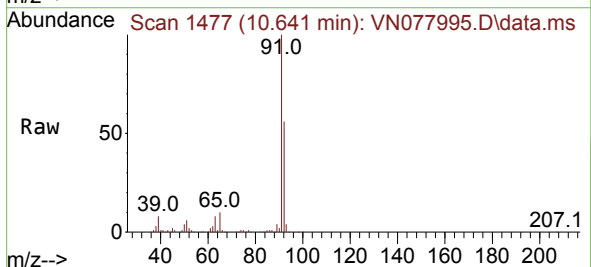
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

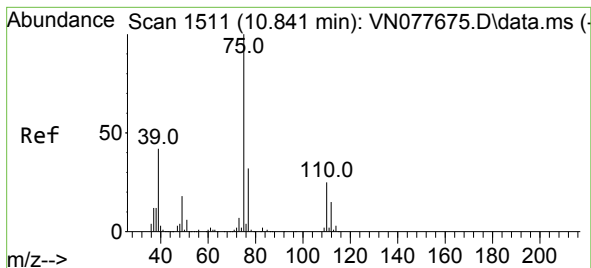
Tgt Ion: 43 Resp: 1384530
Ion Ratio Lower Upper
43 100
58 41.3 36.6 54.8



#52
Toluene
Concen: 57.863 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion: 92 Resp: 650175
Ion Ratio Lower Upper
92 100
91 177.6 137.4 206.0

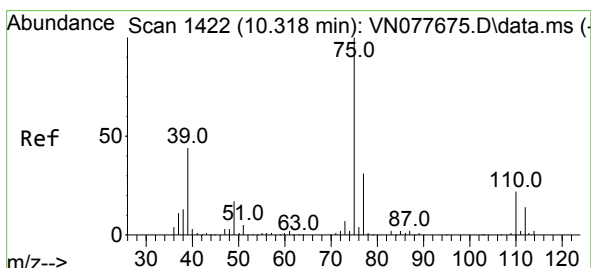
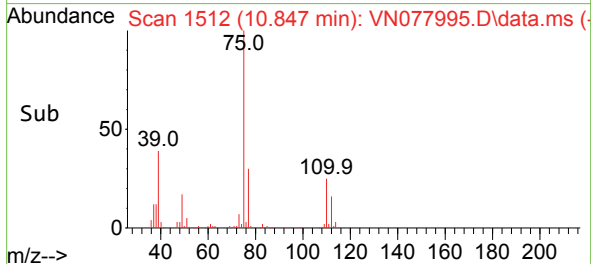
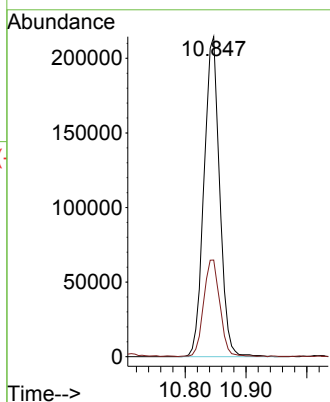
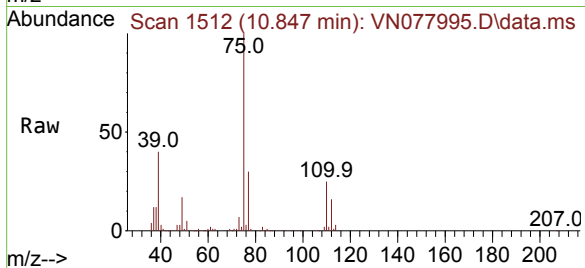




#53
t-1,3-Dichloropropene
Concen: 57.231 ug/l
RT: 10.847 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

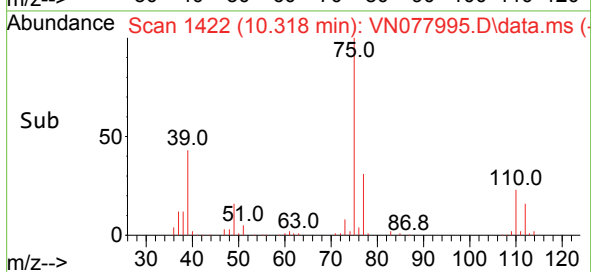
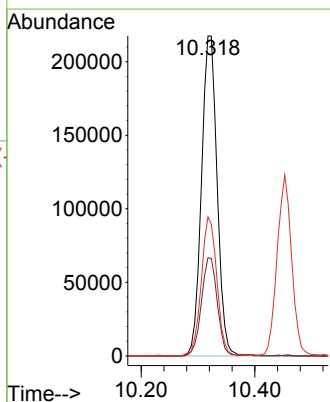
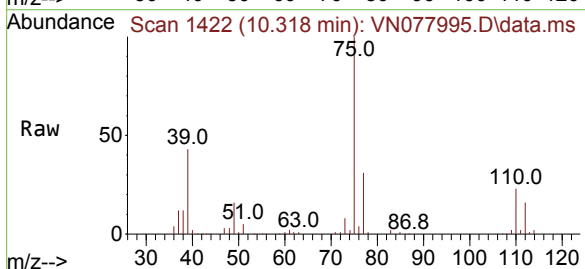
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

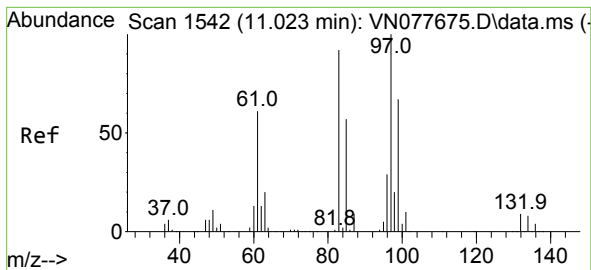
Tgt Ion: 75 Resp: 382240
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 56.409 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion: 75 Resp: 415176
Ion Ratio Lower Upper
75 100
77 30.7 26.1 39.1
39 43.4 31.6 47.4

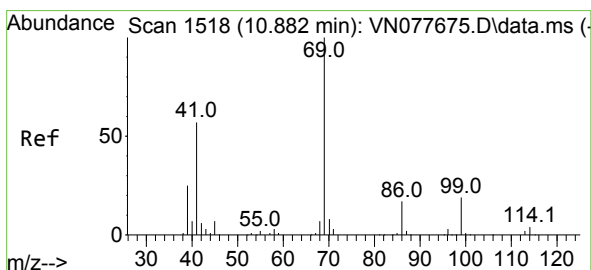
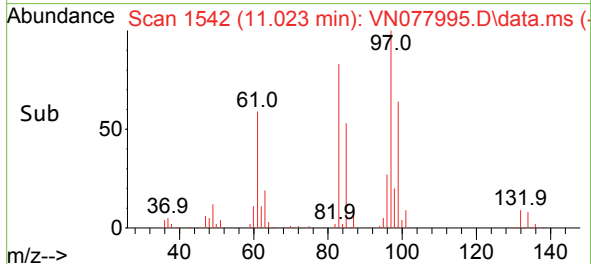
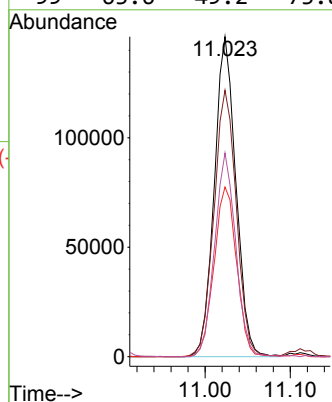
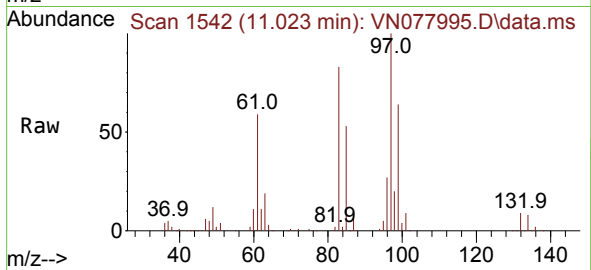




#55
1,1,2-Trichloroethane
Concen: 57.913 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

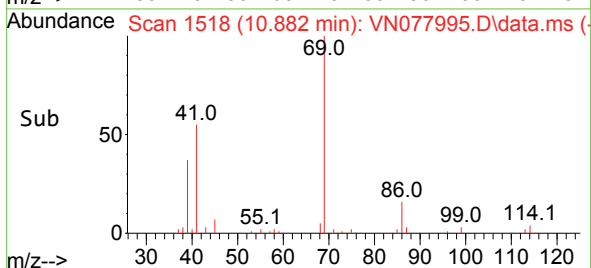
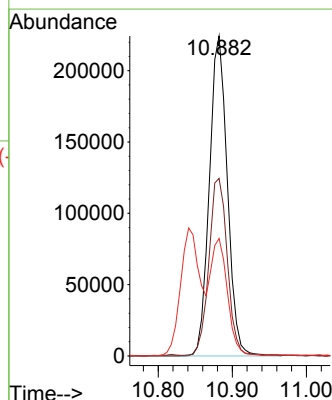
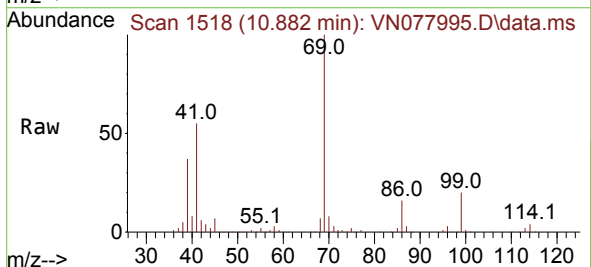
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

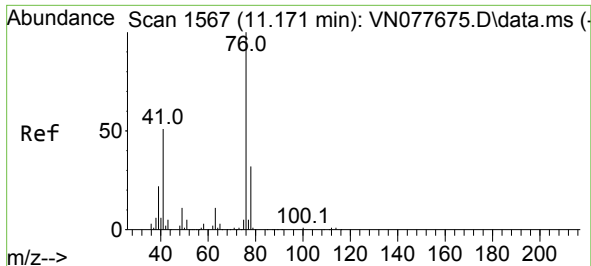
Tgt Ion:	97	Resp:	258378
Ion	Ratio	Lower	Upper
97	100		
83	83.3	65.1	97.7
85	53.0	43.4	65.2
99	63.6	49.2	73.8



#56
Ethyl methacrylate
Concen: 55.959 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion:	69	Resp:	377486
Ion	Ratio	Lower	Upper
69	100		
41	56.5	39.6	59.4
39	33.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 55.859 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

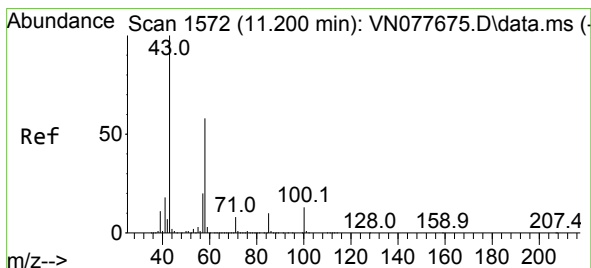
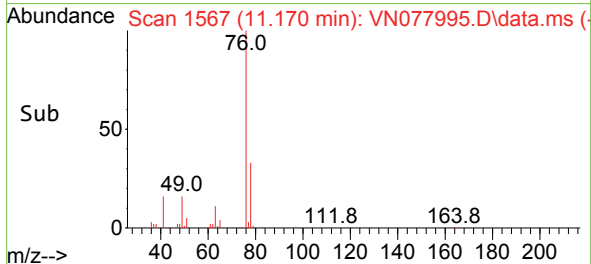
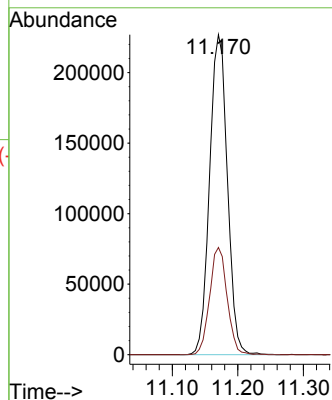
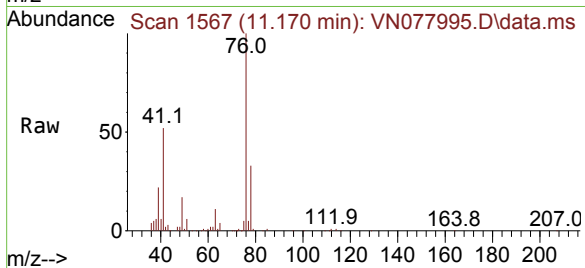
MW33S-20230523MS

Tgt Ion: 76 Resp: 427234

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#59

2-Hexanone

Concen: 247.089 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.006 min

Lab File: VN077995.D

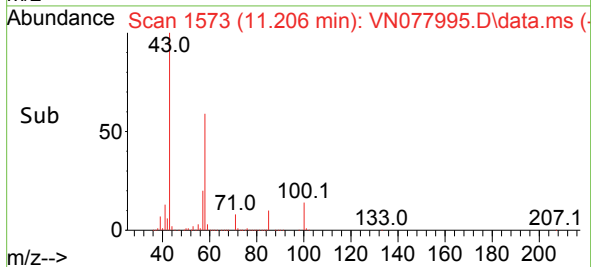
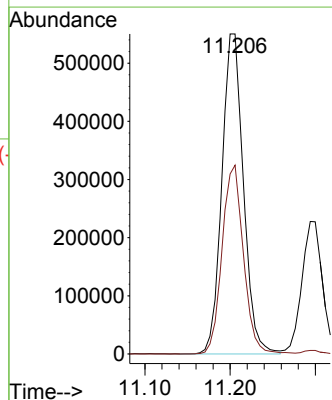
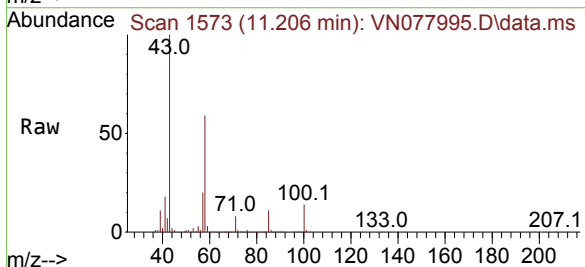
Acq: 31 May 2023 16:07

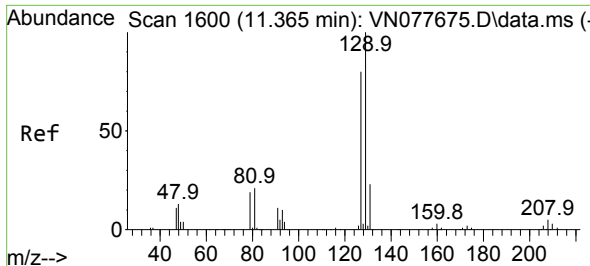
Tgt Ion: 43 Resp: 967345

Ion Ratio Lower Upper

43 100

58 58.5 31.7 95.1

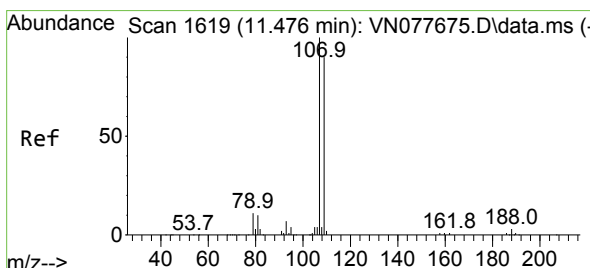
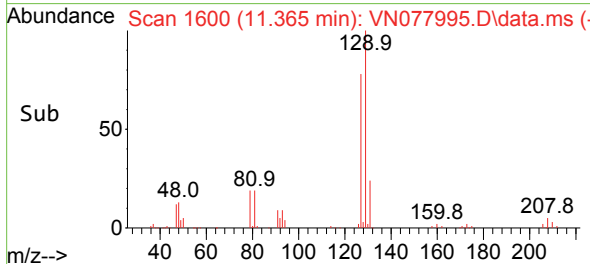
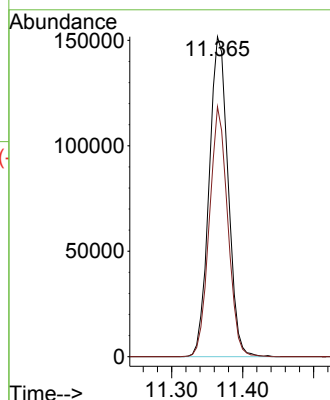
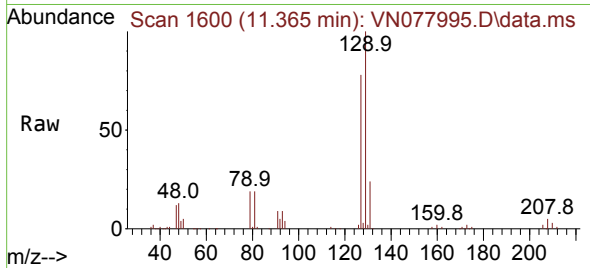




#60
Dibromochloromethane
Concen: 61.081 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

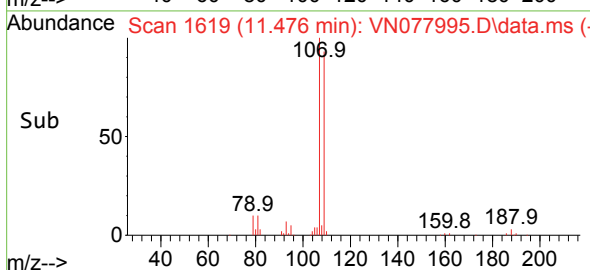
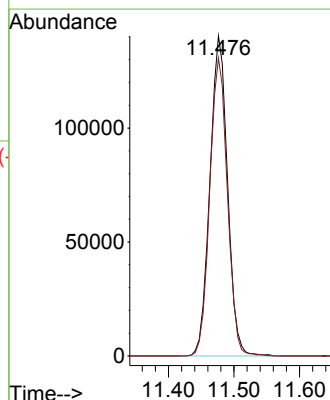
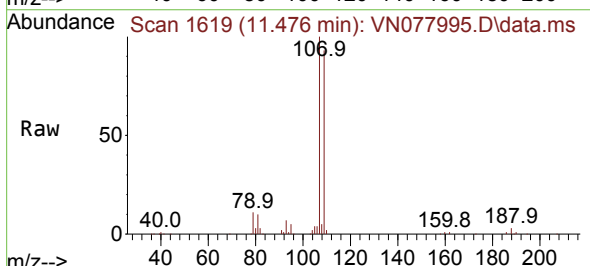
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

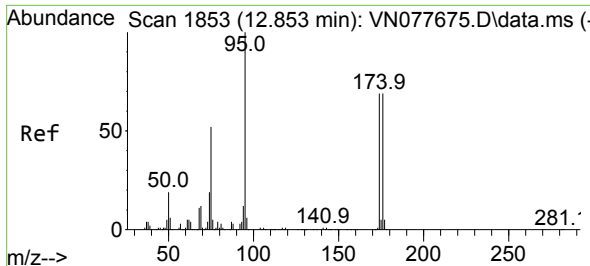
Tgt Ion:129 Resp: 281330
Ion Ratio Lower Upper
129 100
127 75.8 38.6 116.0



#61
1,2-Dibromoethane
Concen: 58.799 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion:107 Resp: 261707
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8

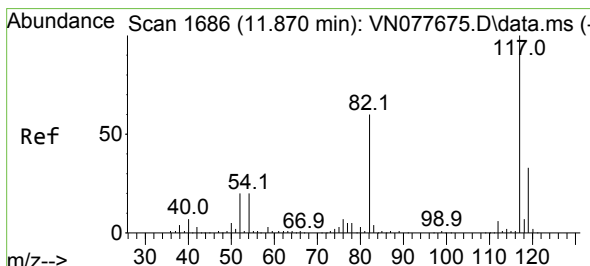
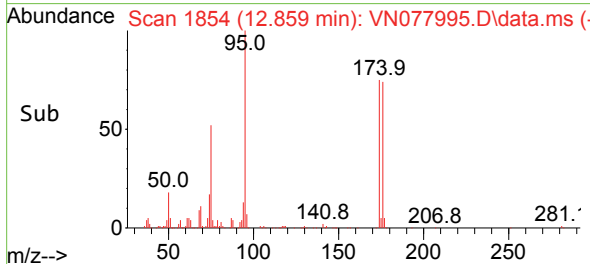
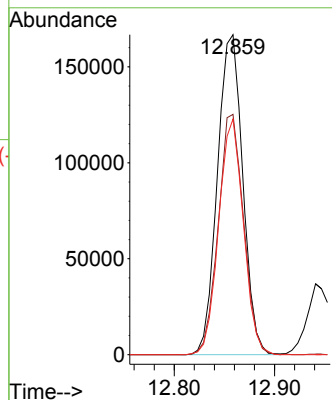
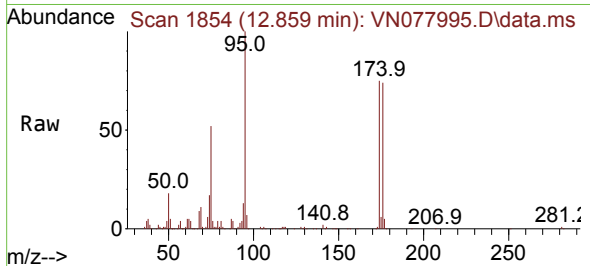




#62
4-Bromofluorobenzene
Concen: 51.427 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

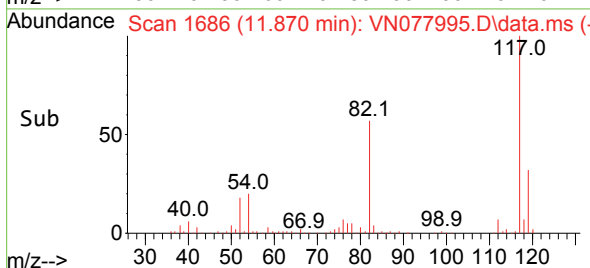
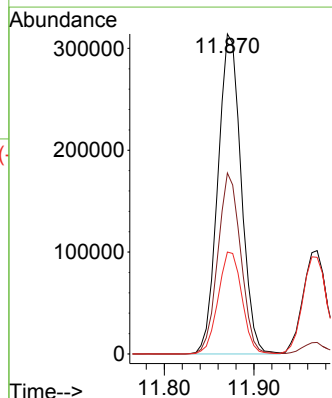
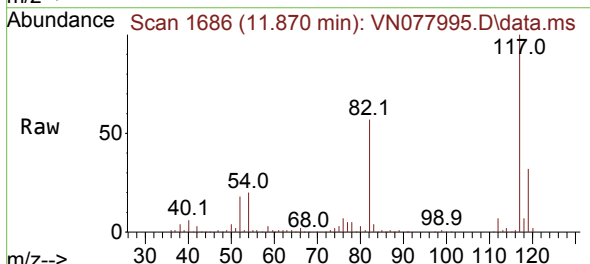
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

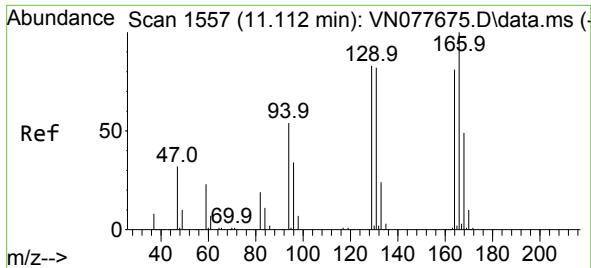
Tgt Ion: 95 Resp: 292343
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 71.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion: 117 Resp: 566564
Ion Ratio Lower Upper
117 100
82 56.5 44.0 66.0
119 31.8 25.6 38.4

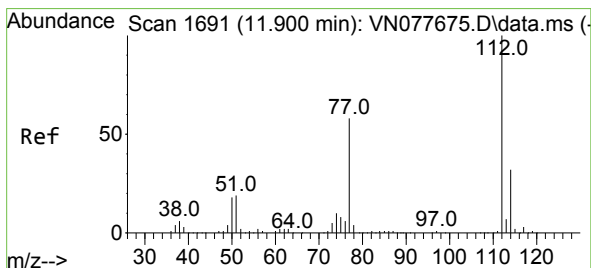
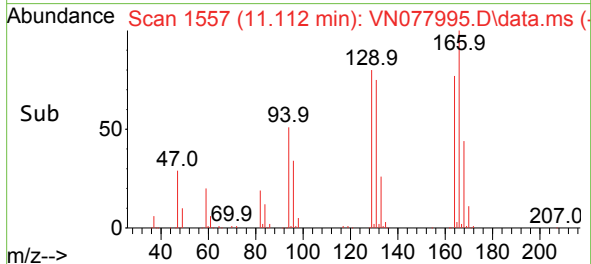
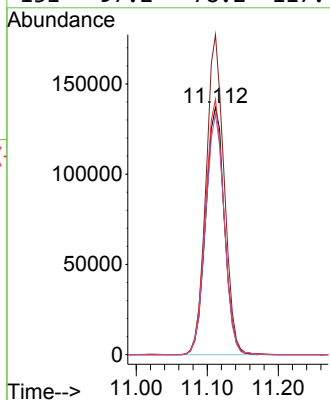
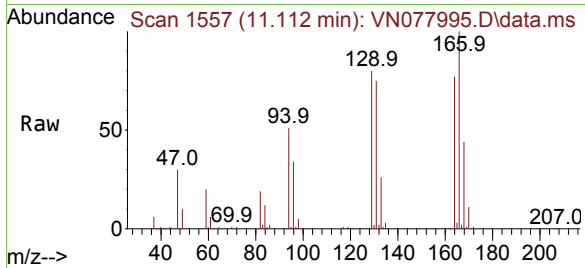




#64
Tetrachloroethene
Concen: 63.060 ug/l
RT: 11.112 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

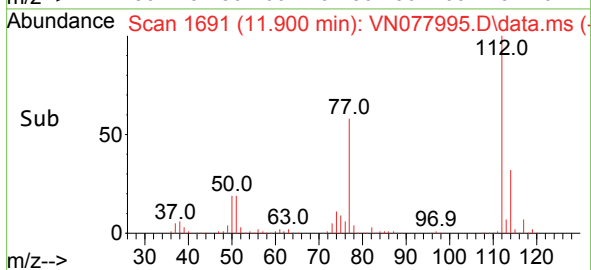
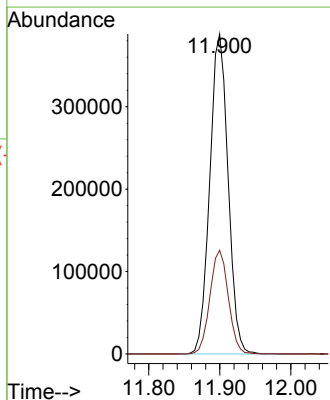
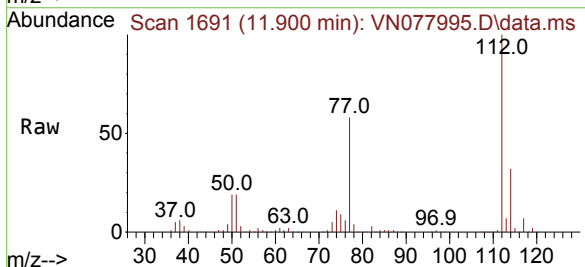
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

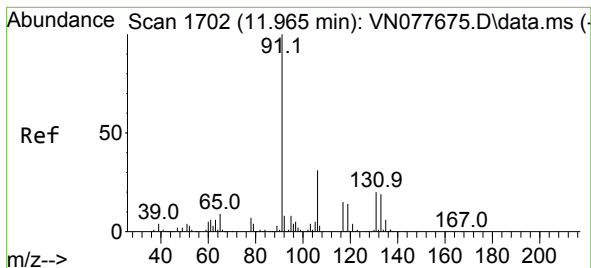
Tgt Ion:164 Resp: 249851
Ion Ratio Lower Upper
164 100
166 129.4 101.4 152.0
129 103.3 82.4 123.6
131 97.2 78.2 117.4



#65
Chlorobenzene
Concen: 56.520 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion:112 Resp: 694209
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4

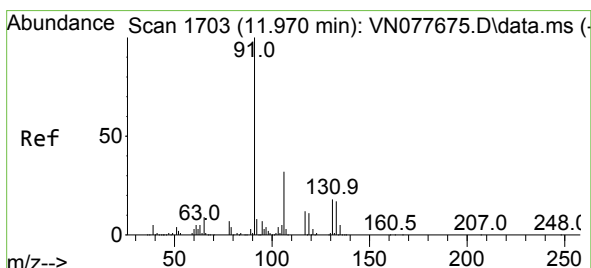
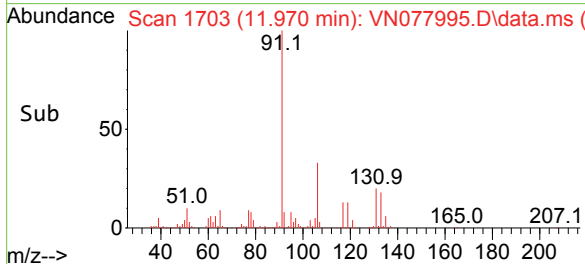
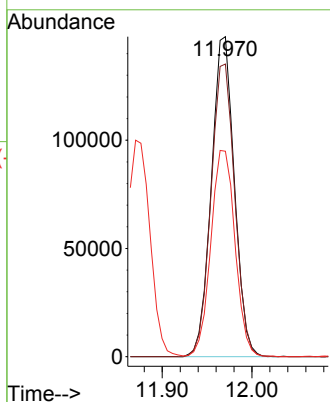
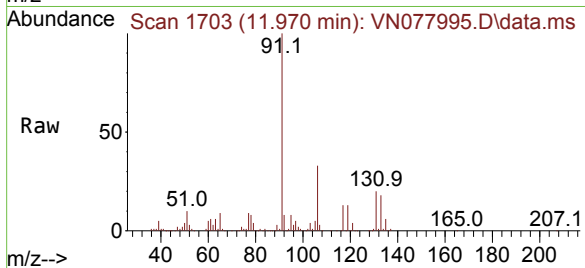




#66
 1,1,1,2-Tetrachloroethane
 Concen: 61.958 ug/l
 RT: 11.970 min Scan# 1703
 Delta R.T. 0.005 min
 Lab File: VN077995.D
 Acq: 31 May 2023 16:07

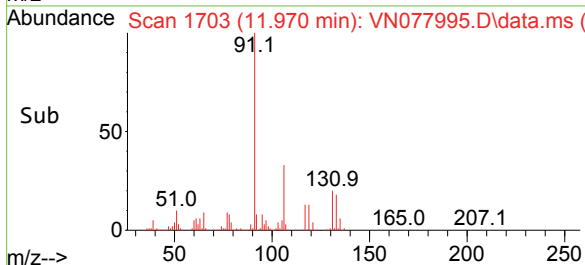
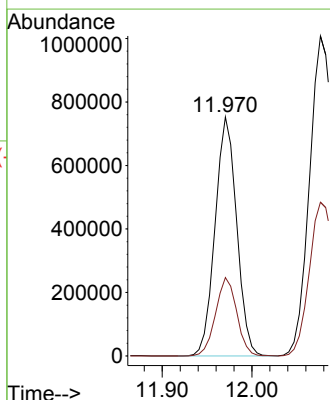
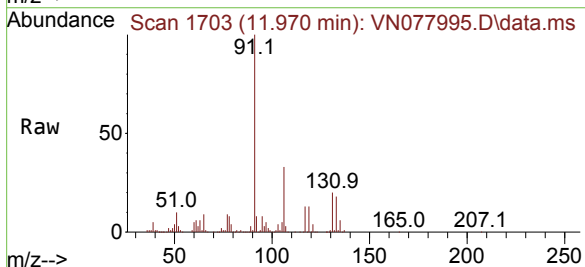
Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MS

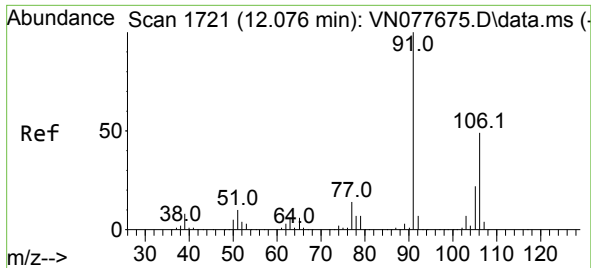
Tgt Ion:131 Resp: 263312
 Ion Ratio Lower Upper
 131 100
 133 94.3 46.4 139.1
 119 67.8 34.1 102.2



#67
 Ethyl Benzene
 Concen: 57.065 ug/l
 RT: 11.970 min Scan# 1703
 Delta R.T. 0.000 min
 Lab File: VN077995.D
 Acq: 31 May 2023 16:07

Tgt Ion: 91 Resp: 1256050
 Ion Ratio Lower Upper
 91 100
 106 32.8 25.6 38.4

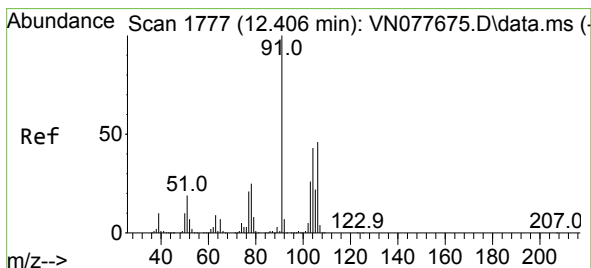
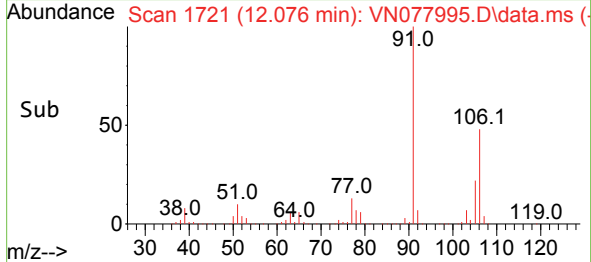
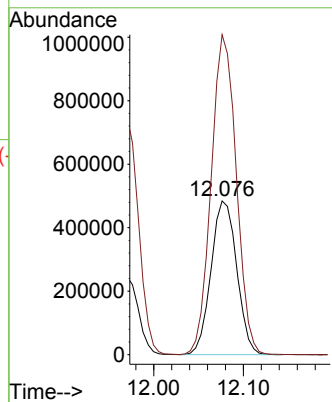
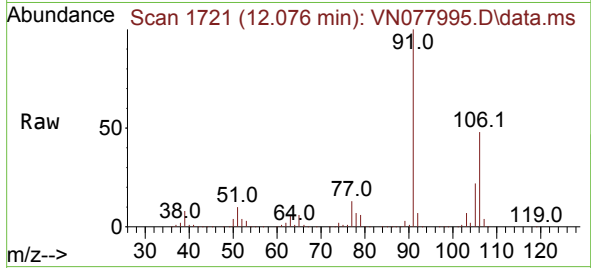




#68
m/p-Xylenes
Concen: 115.462 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

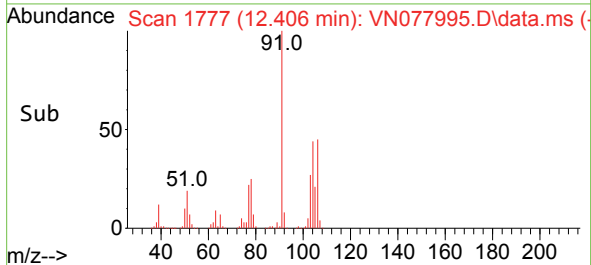
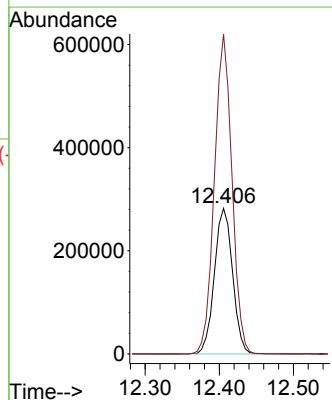
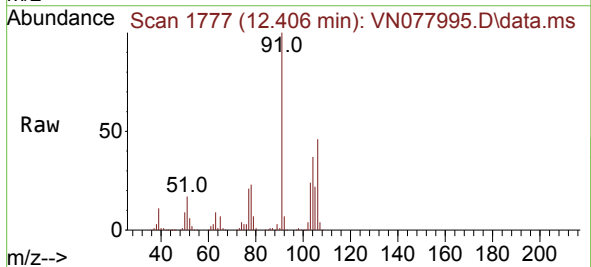
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

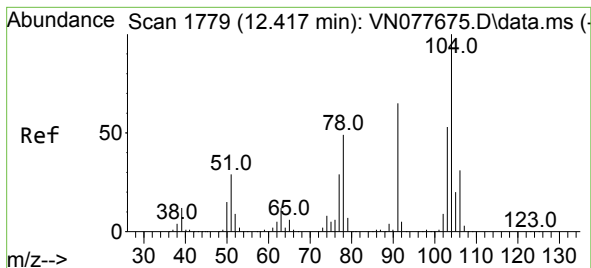
Tgt Ion:106 Resp: 962959
Ion Ratio Lower Upper
106 100
91 203.2 159.6 239.4



#69
o-Xylene
Concen: 58.601 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion:106 Resp: 480645
Ion Ratio Lower Upper
106 100
91 212.3 105.2 315.5





#70

Styrene

Concen: 58.456 ug/l

RT: 12.417 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

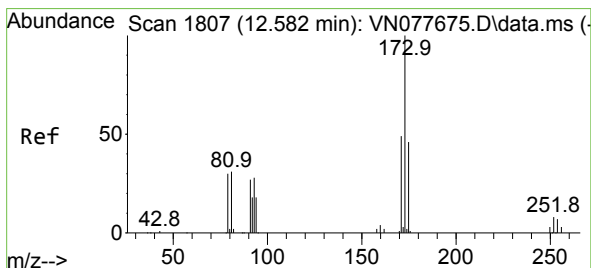
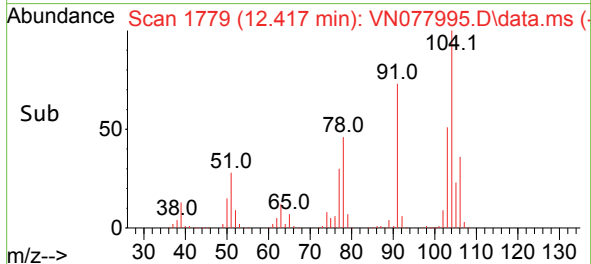
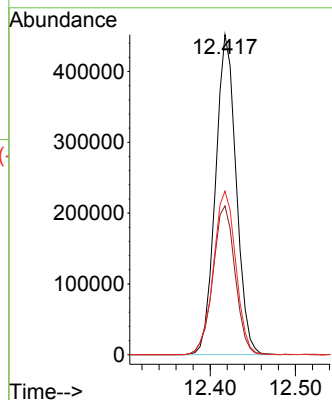
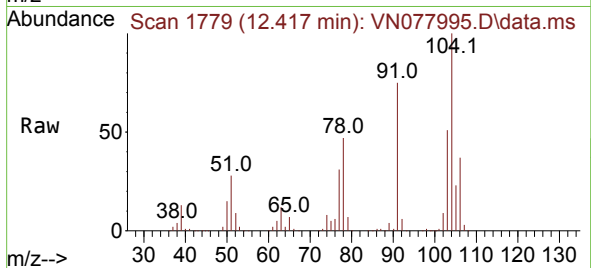
Tgt Ion:104 Resp: 761649

Ion Ratio Lower Upper

104 100

78 50.0 39.5 59.3

103 55.4 43.2 64.8



#71

Bromoform

Concen: 62.799 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

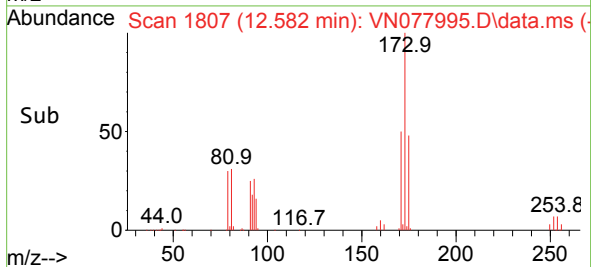
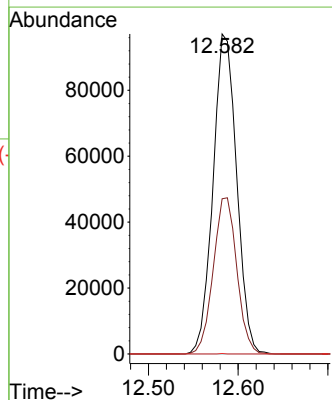
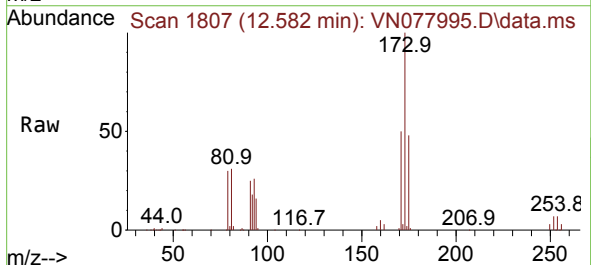
Tgt Ion:173 Resp: 177542

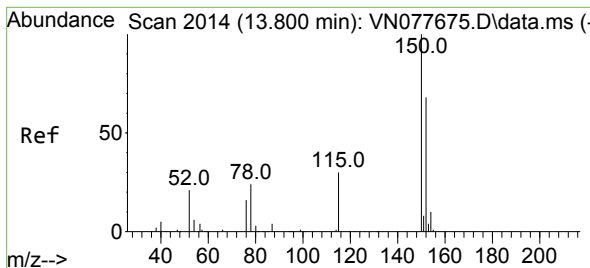
Ion Ratio Lower Upper

173 100

175 48.6 24.3 73.0

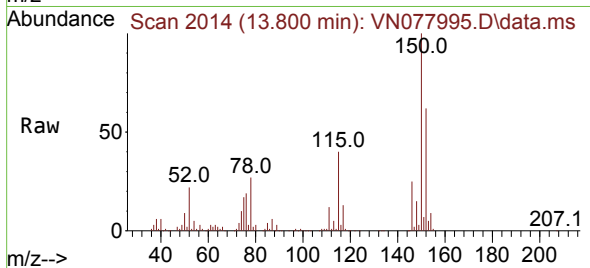
254 0.0 0.0 0.0#



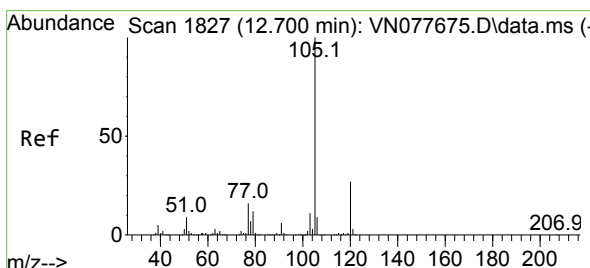
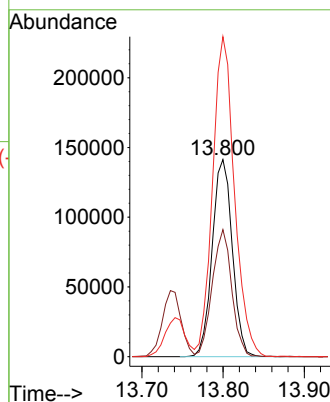
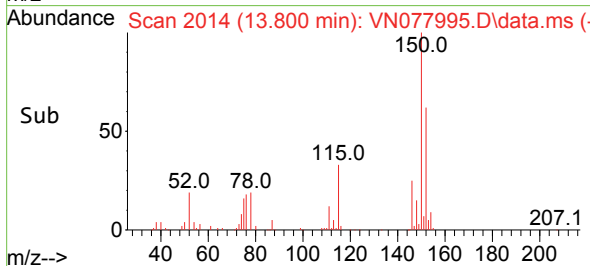


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

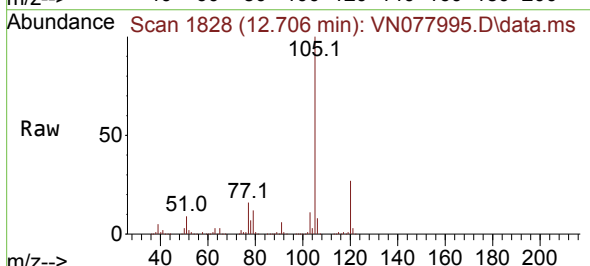
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS



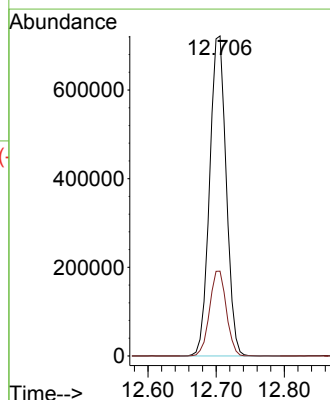
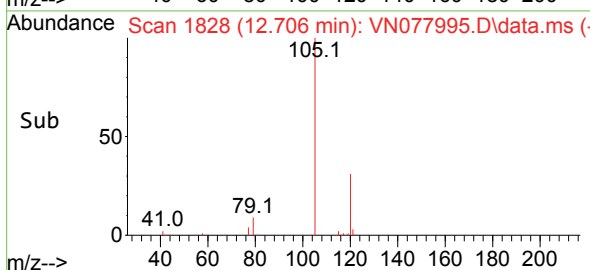
Tgt Ion:152 Resp: 242796
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 176.8 0.0 355.8

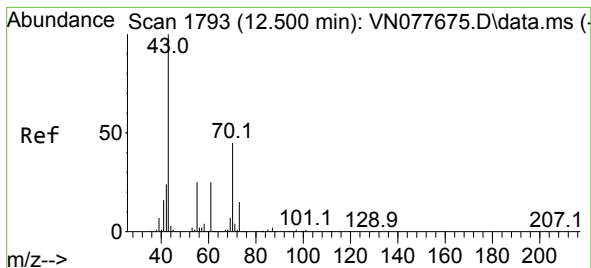


#73
Isopropylbenzene
Concen: 58.401 ug/l
RT: 12.706 min Scan# 1828
Delta R.T. 0.006 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07



Tgt Ion:105 Resp: 1222285
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

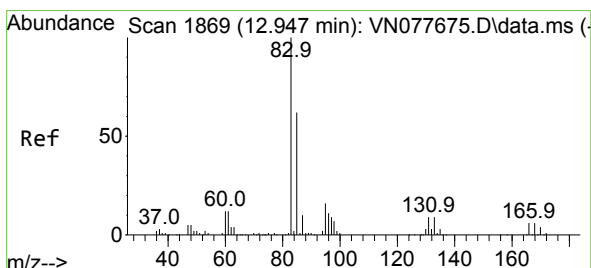
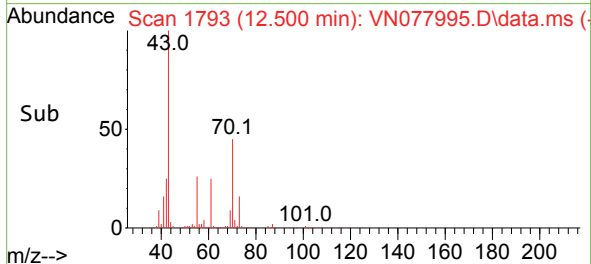
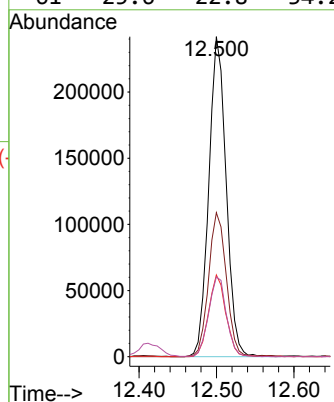
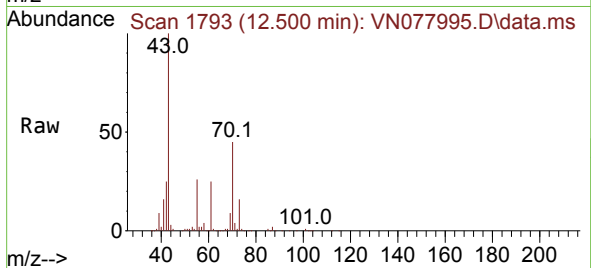




#74
N-amy1 acetate
Concen: 48.692 ug/l
RT: 12.500 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

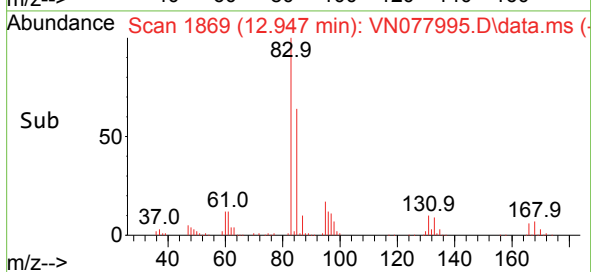
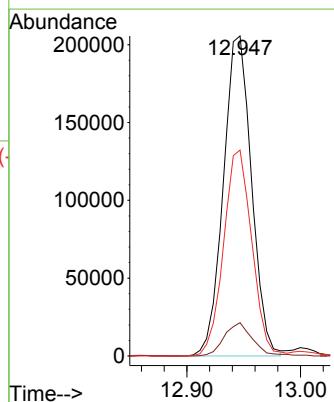
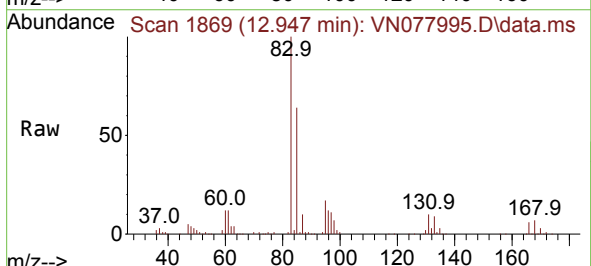
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

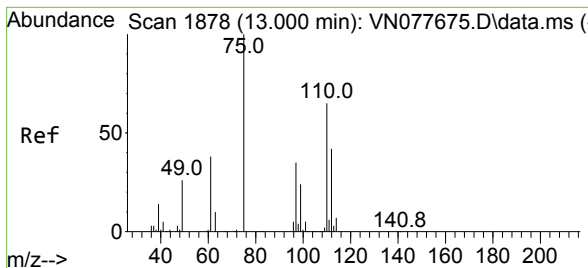
Tgt Ion:	43	Resp:	376680
Ion	Ratio	Lower	Upper
43	100		
70	46.1	43.4	65.2
55	25.7	21.4	32.0
61	25.6	22.8	34.2



#75
1,1,2,2-Tetrachloroethane
Concen: 55.065 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion:	83	Resp:	354543
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.0	15.0
85	64.5	31.9	95.7





#76

1,2,3-Trichloropropane

Concen: 69.362 ug/l

RT: 13.000 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

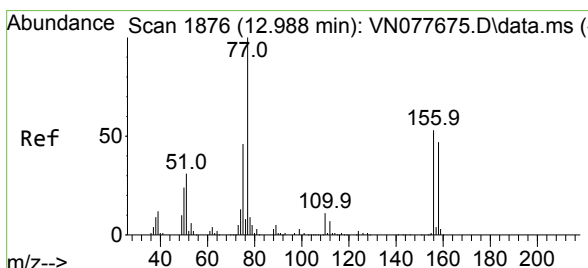
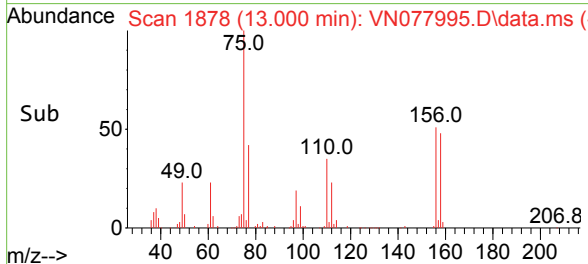
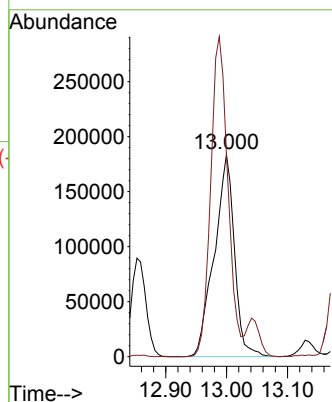
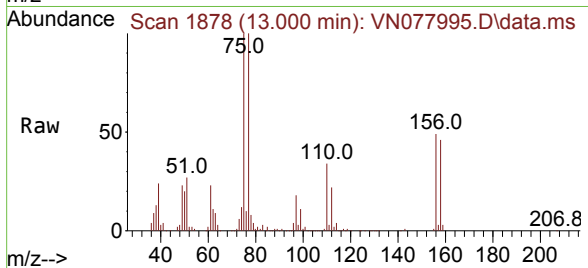
MW33S-20230523MS

Tgt Ion: 75 Resp: 421752

Ion Ratio Lower Upper

75 100

77 134.8 84.5 253.5



#77

Bromobenzene

Concen: 56.892 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

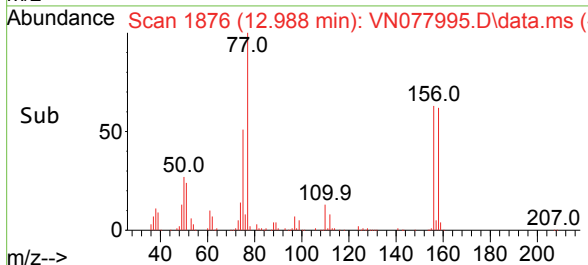
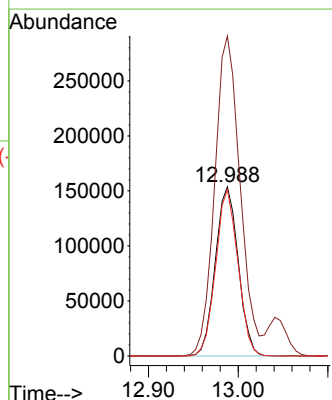
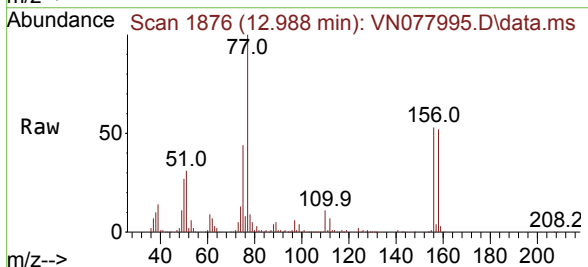
Tgt Ion:156 Resp: 271726

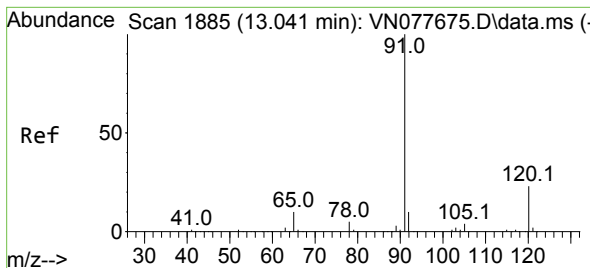
Ion Ratio Lower Upper

156 100

77 209.3 107.7 323.3

158 95.8 48.4 145.3





#78

n-propylbenzene

Concen: 57.027 ug/l

RT: 13.041 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

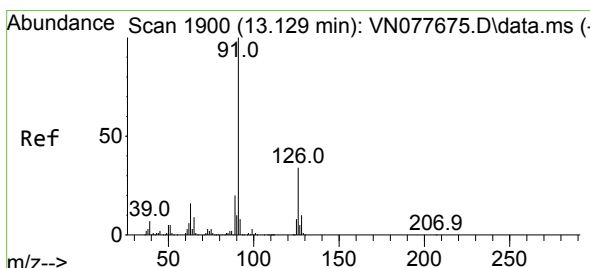
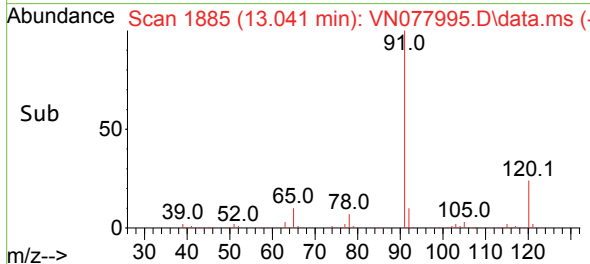
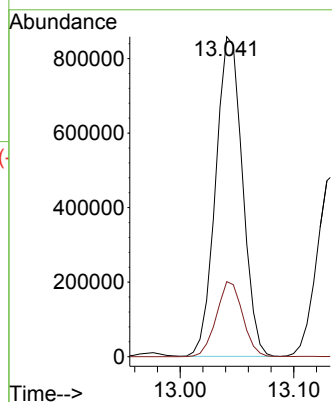
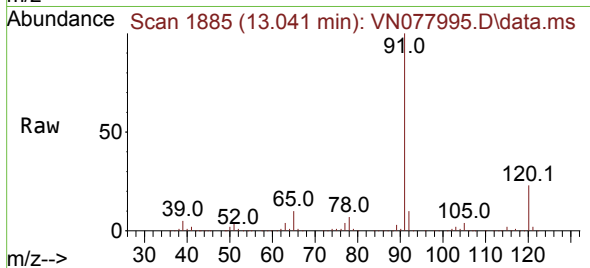
MW33S-20230523MS

Tgt Ion: 91 Resp: 1407078

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4



#79

2-Chlorotoluene

Concen: 57.415 ug/l

RT: 13.135 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VN077995.D

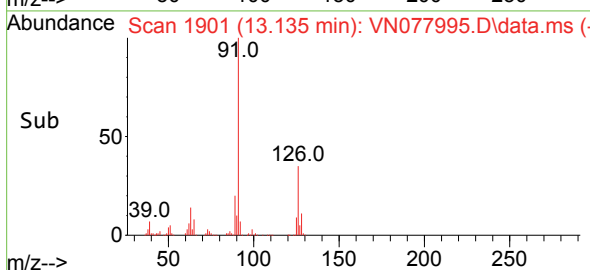
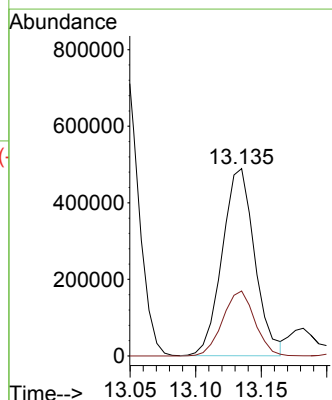
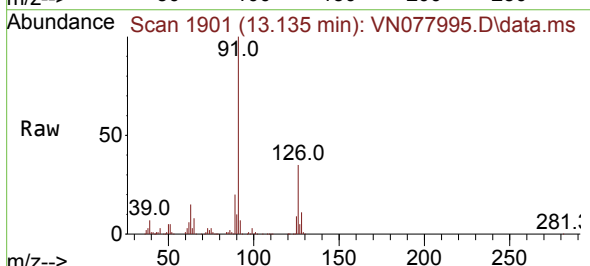
Acq: 31 May 2023 16:07

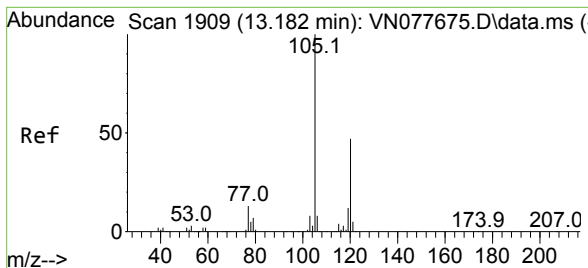
Tgt Ion: 91 Resp: 845348

Ion Ratio Lower Upper

91 100

126 34.2 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 57.928 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

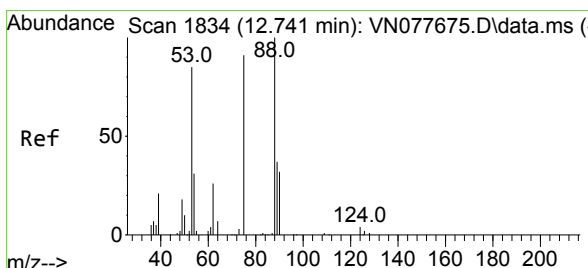
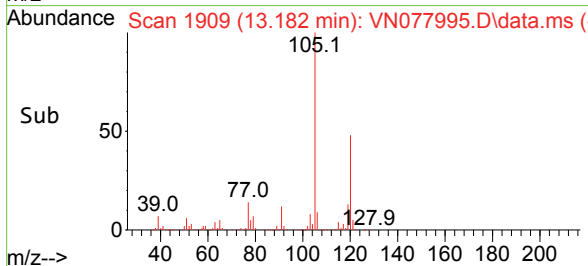
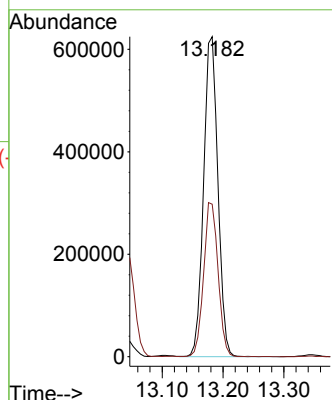
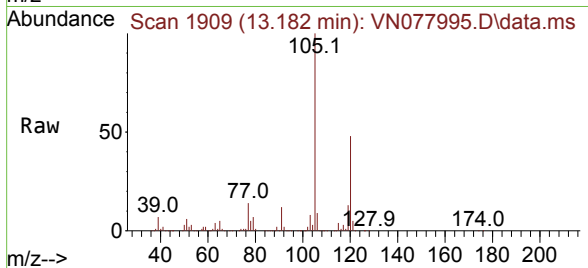
MW33S-20230523MS

Tgt Ion:105 Resp: 1018964

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 52.365 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. -0.000 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

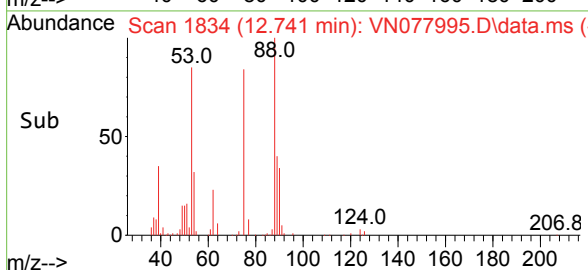
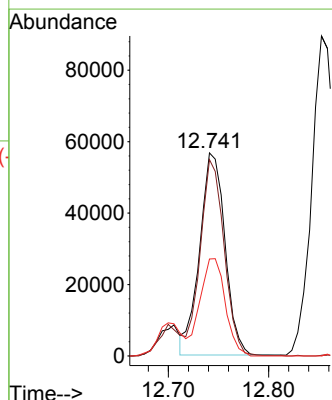
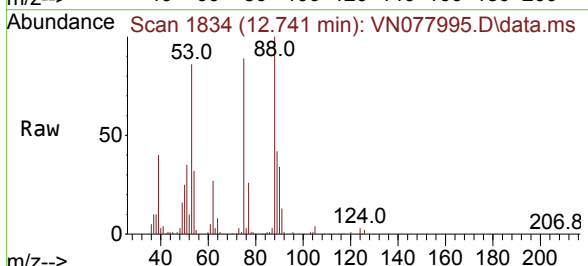
Tgt Ion: 75 Resp: 99610

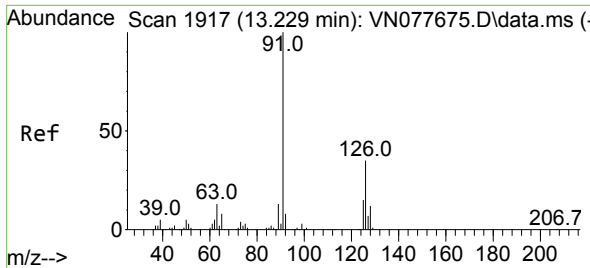
Ion Ratio Lower Upper

75 100

53 91.0 67.4 101.2

89 48.1 38.8 58.2

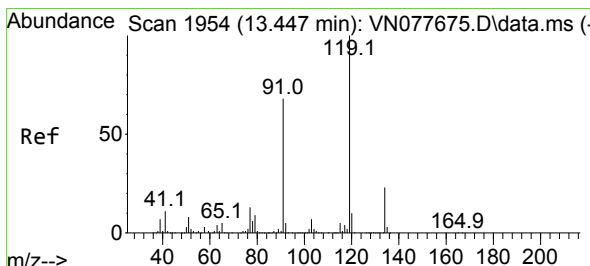
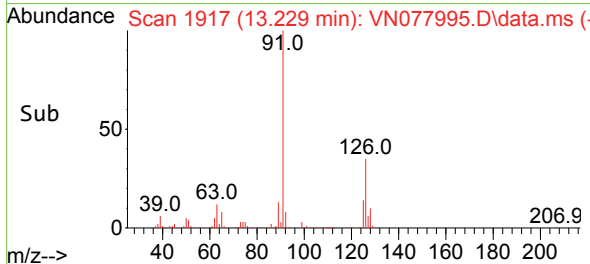
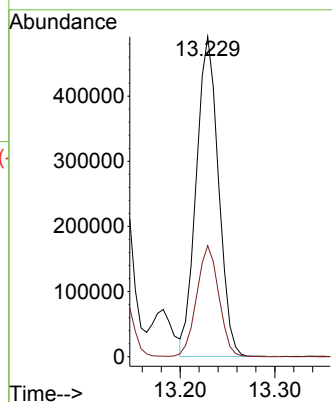
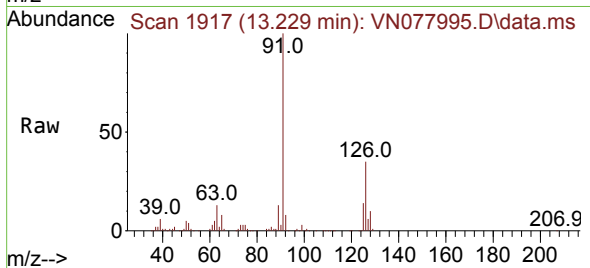




#82
4-Chlorotoluene
Concen: 54.699 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

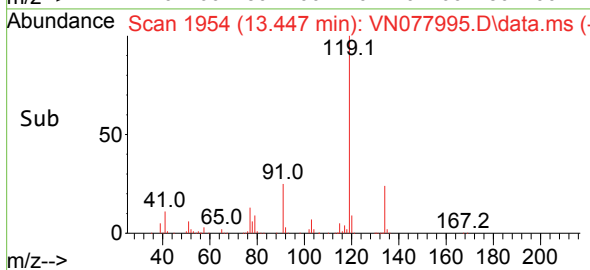
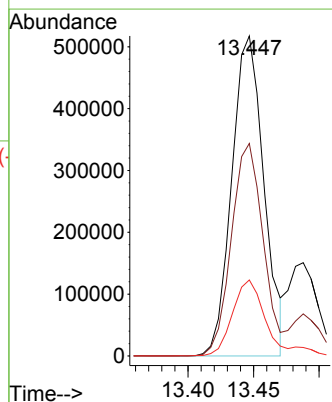
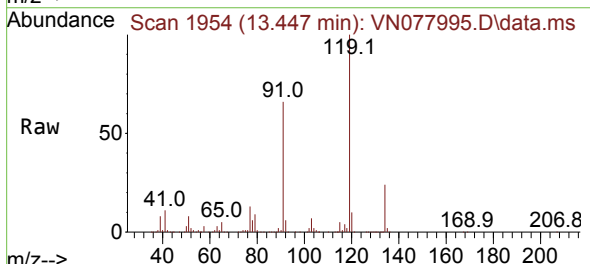
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

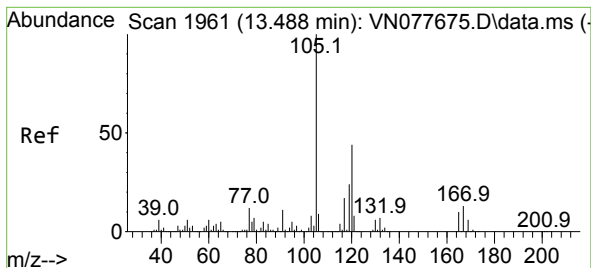
Tgt Ion: 91 Resp: 801295
Ion Ratio Lower Upper
91 100
126 34.6 16.7 50.0



#83
tert-Butylbenzene
Concen: 57.436 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion: 119 Resp: 881991
Ion Ratio Lower Upper
119 100
91 66.8 33.9 101.7
134 25.2 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 58.637 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

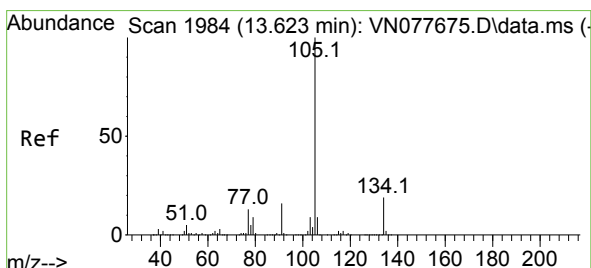
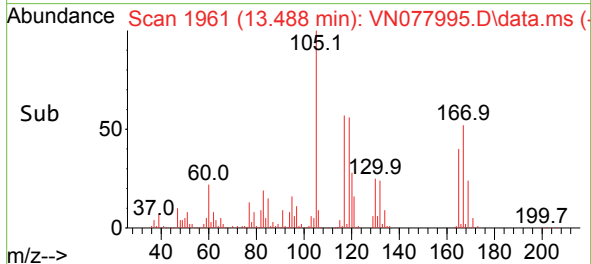
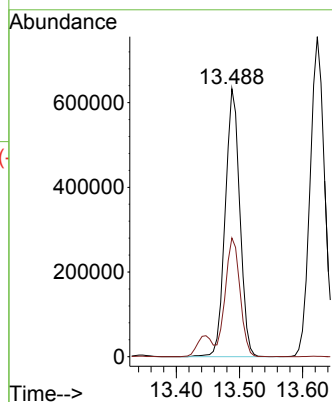
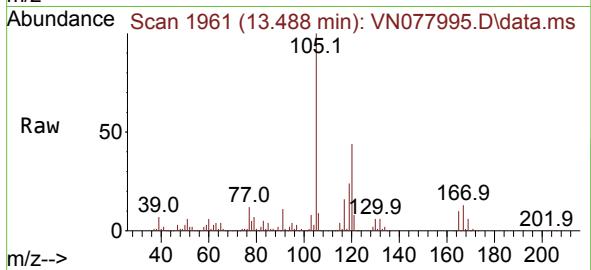
MW33S-20230523MS

Tgt Ion:105 Resp: 1014395

Ion Ratio Lower Upper

105 100

120 45.1 22.0 66.0



#85

sec-Butylbenzene

Concen: 55.109 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077995.D

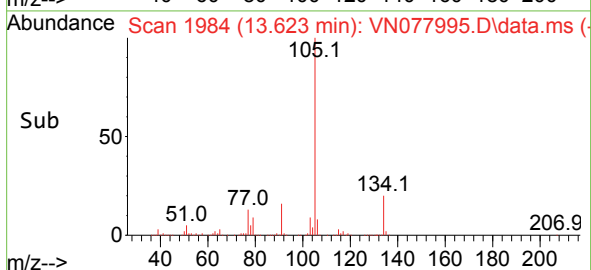
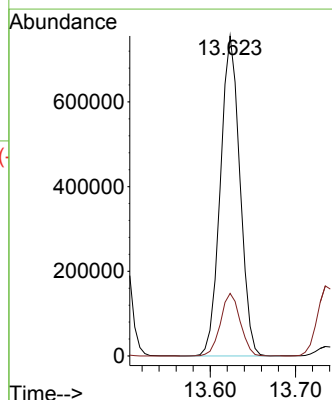
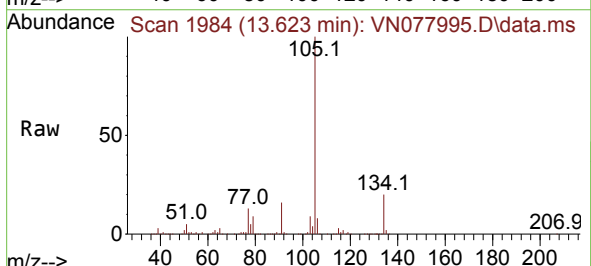
Acq: 31 May 2023 16:07

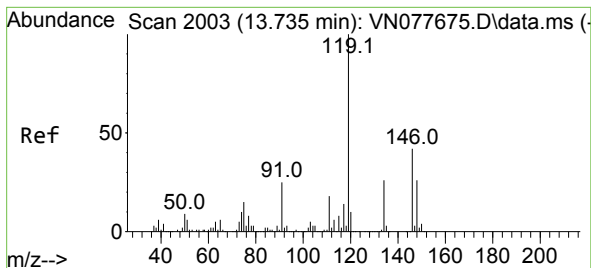
Tgt Ion:105 Resp: 1202681

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.3





#86

p-Isopropyltoluene

Concen: 57.312 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

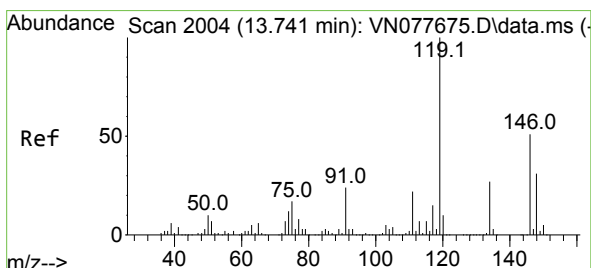
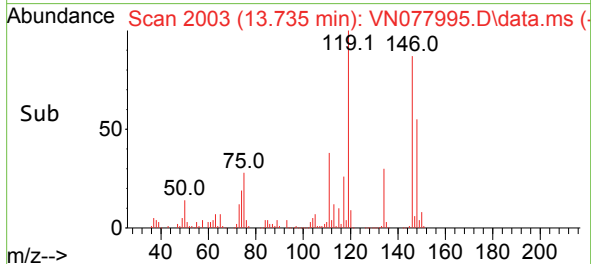
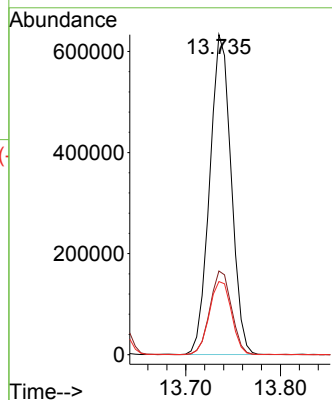
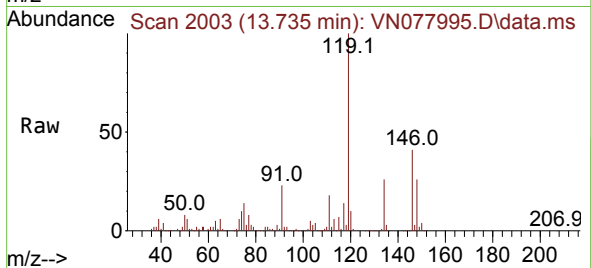
Tgt Ion:119 Resp: 997139

Ion Ratio Lower Upper

119 100

134 26.3 12.6 37.8

91 23.6 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 55.013 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

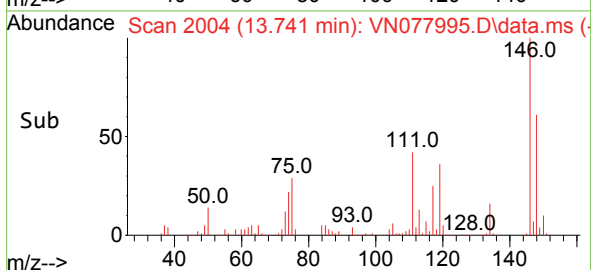
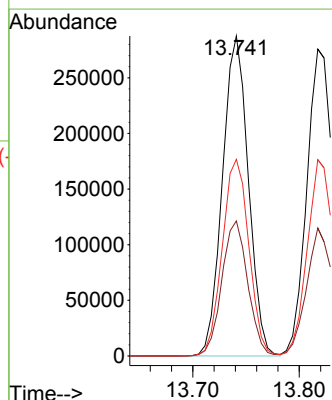
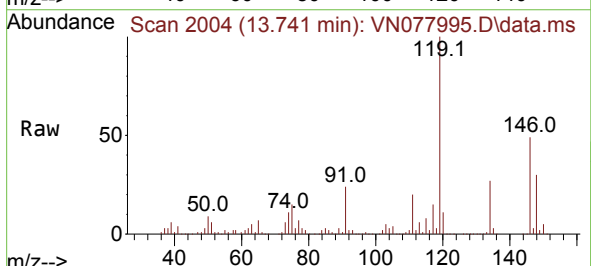
Tgt Ion:146 Resp: 485914

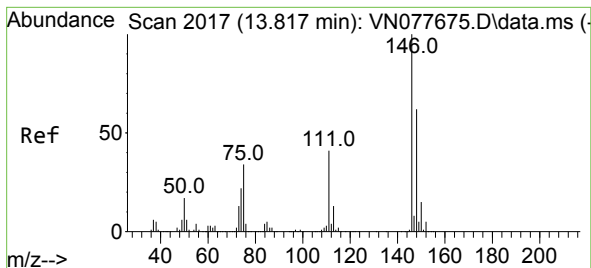
Ion Ratio Lower Upper

146 100

111 42.2 22.1 66.3

148 63.0 32.0 96.0





#88

1,4-Dichlorobenzene

Concen: 53.751 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

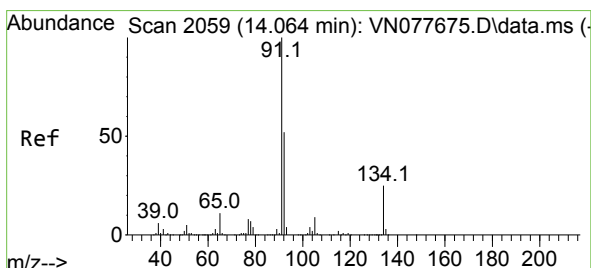
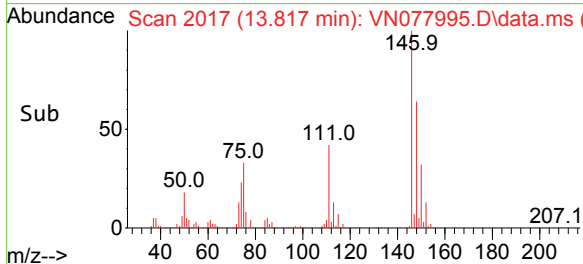
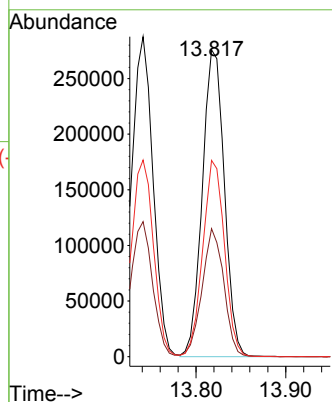
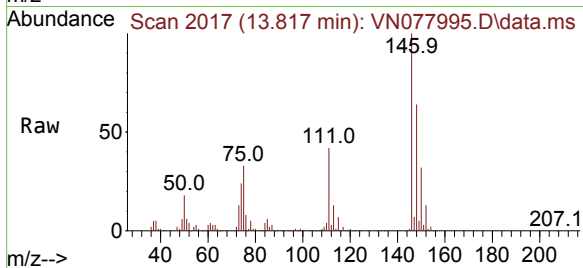
Tgt Ion:146 Resp: 471129

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.8

148 63.2 31.6 94.8



#89

n-Butylbenzene

Concen: 50.065 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

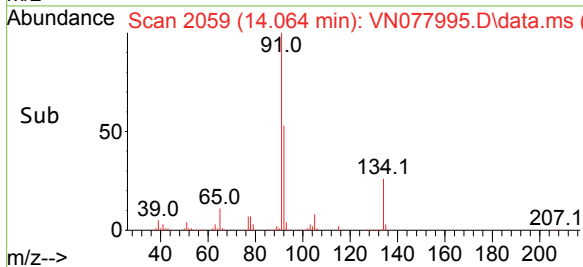
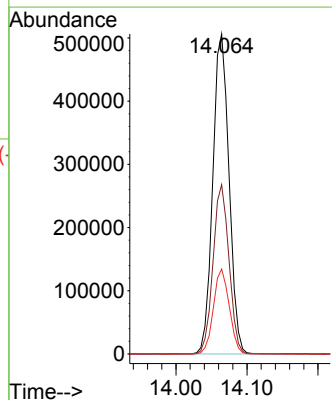
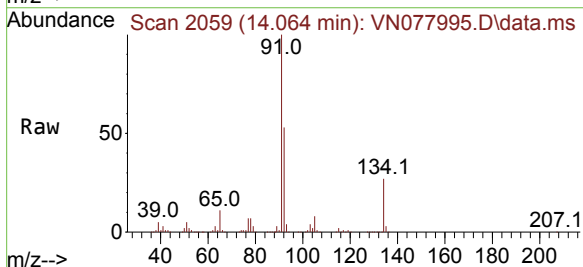
Tgt Ion: 91 Resp: 801184

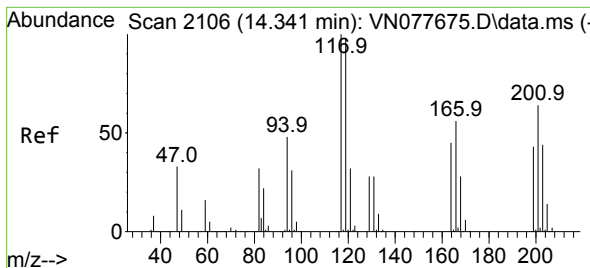
Ion Ratio Lower Upper

91 100

92 51.9 26.4 79.0

134 25.9 12.6 37.6





#90

Hexachloroethane

Concen: 59.204 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

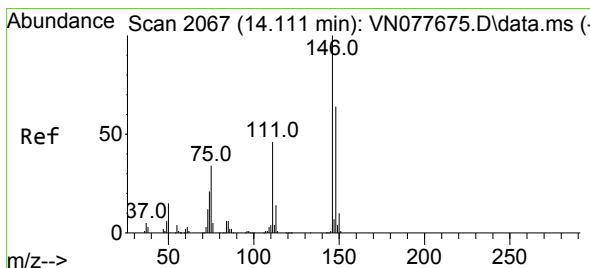
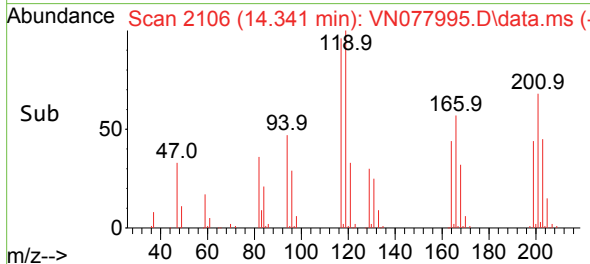
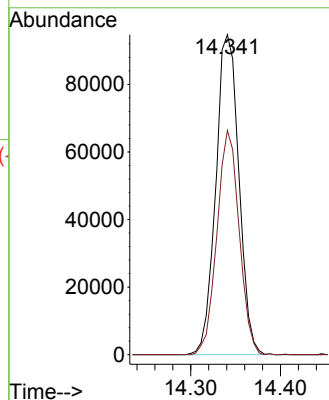
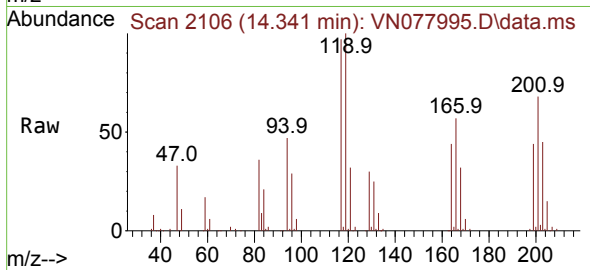
MW33S-20230523MS

Tgt Ion:117 Resp: 169215

Ion Ratio Lower Upper

117 100

201 67.5 29.3 88.0



#91

1,2-Dichlorobenzene

Concen: 58.646 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN077995.D

Acq: 31 May 2023 16:07

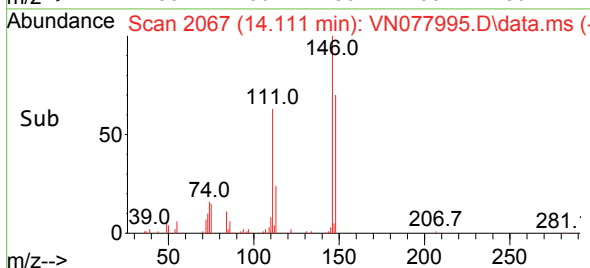
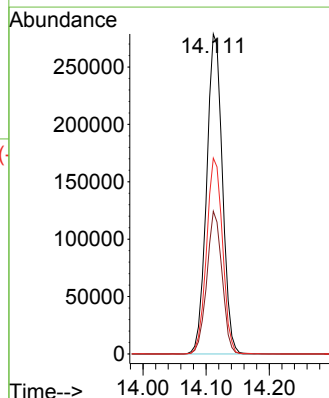
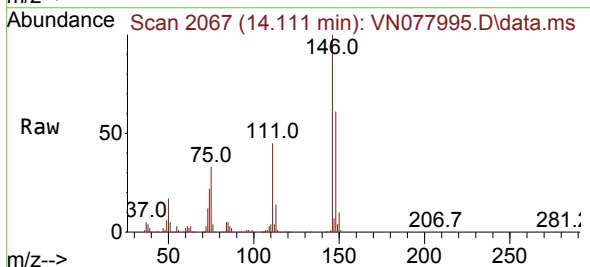
Tgt Ion:146 Resp: 483922

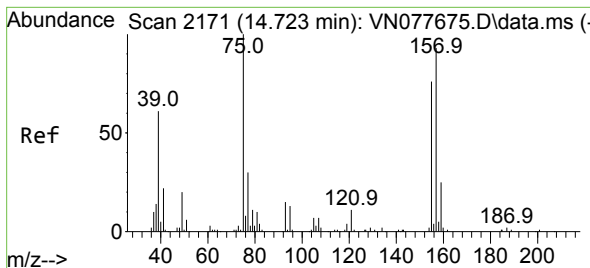
Ion Ratio Lower Upper

146 100

111 43.0 22.0 66.0

148 61.8 31.8 95.3

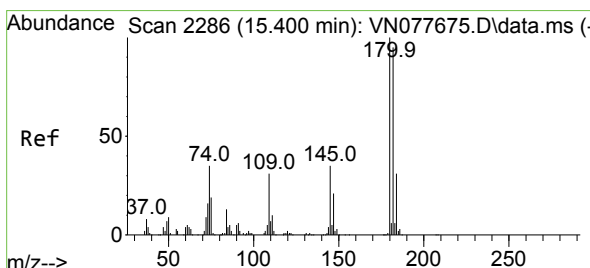
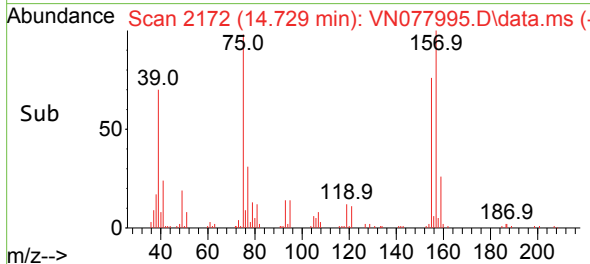
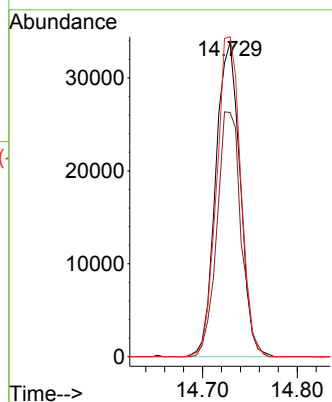
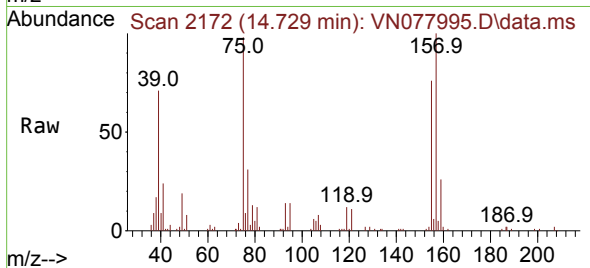




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.431 ug/l
 RT: 14.729 min Scan# 2171
 Delta R.T. 0.006 min
 Lab File: VN077995.D
 Acq: 31 May 2023 16:07

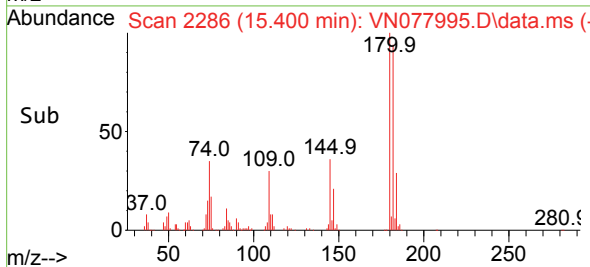
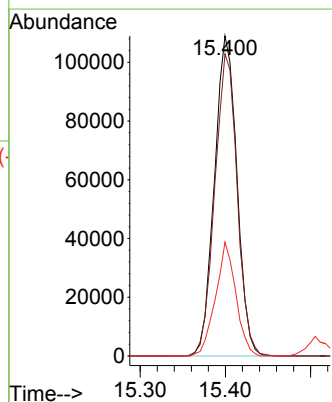
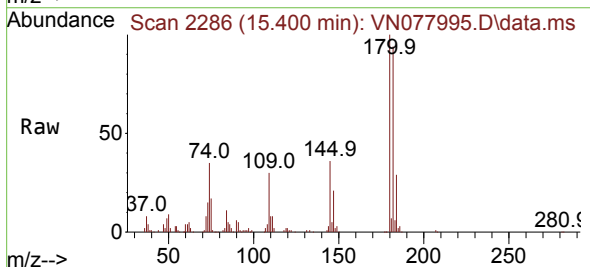
Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MS

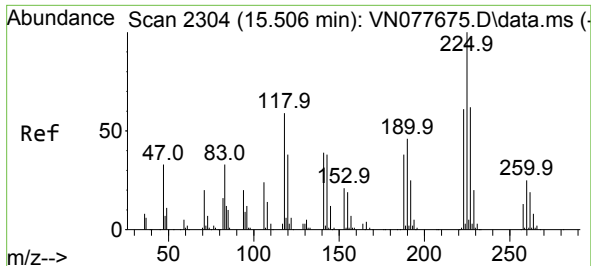
Tgt Ion: 75 Resp: 60370
 Ion Ratio Lower Upper
 75 100
 155 77.3 39.1 117.2
 157 100.7 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 41.425 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: VN077995.D
 Acq: 31 May 2023 16:07

Tgt Ion: 180 Resp: 199753
 Ion Ratio Lower Upper
 180 100
 182 94.3 46.1 138.2
 145 32.3 16.6 49.8

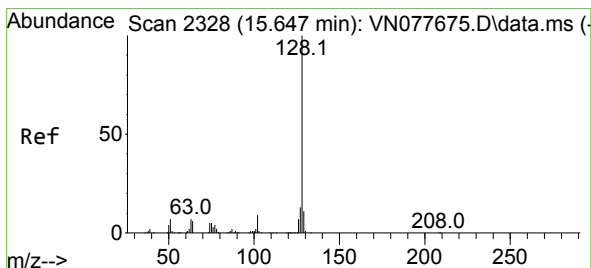
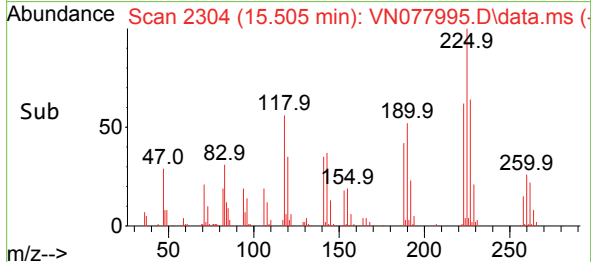
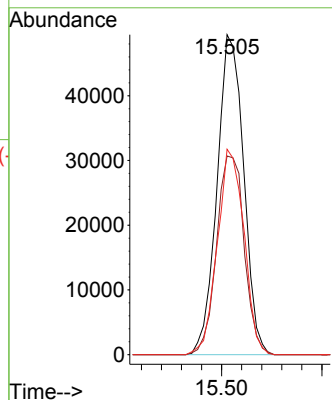
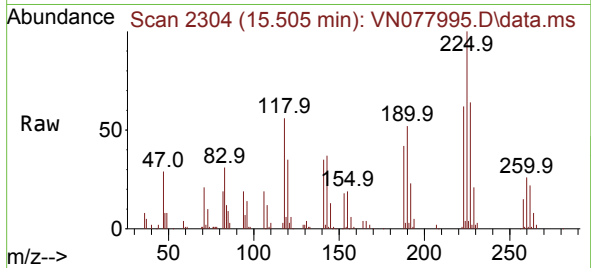




#94
Hexachlorobutadiene
Concen: 45.408 ug/l
RT: 15.505 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

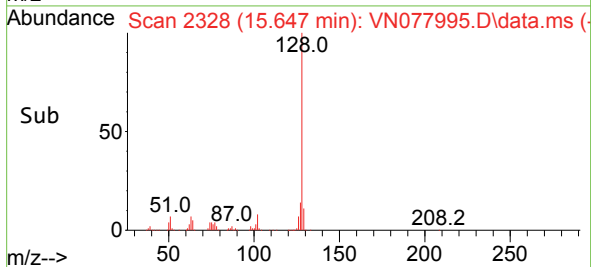
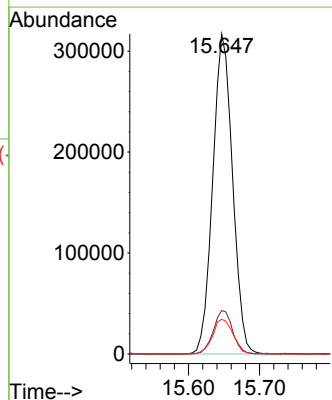
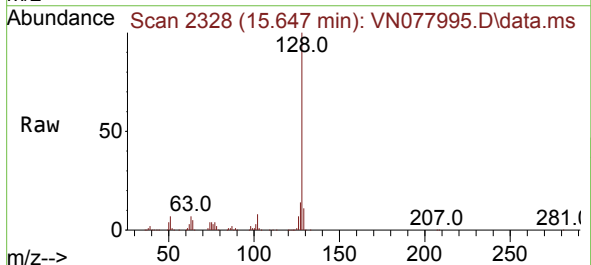
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

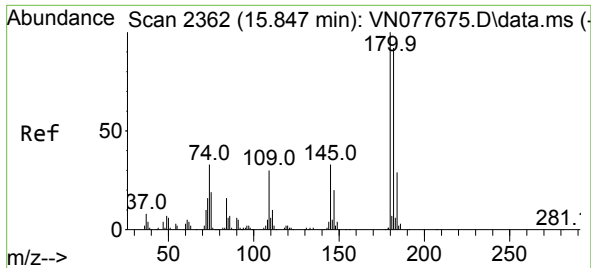
Tgt Ion:225 Resp: 90912
Ion Ratio Lower Upper
225 100
223 64.5 31.3 93.8
227 64.2 31.9 95.9



#95
Naphthalene
Concen: 36.881 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077995.D
Acq: 31 May 2023 16:07

Tgt Ion:128 Resp: 612131
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.2 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 44.535 ug/l

RT: 15.847 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077995.D

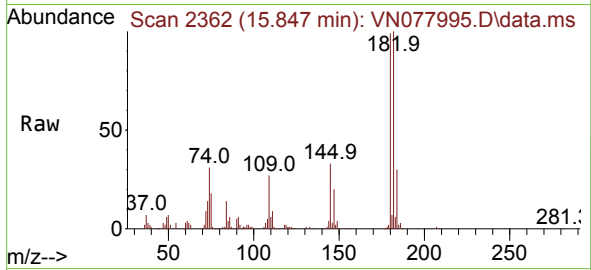
Acq: 31 May 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS



Tgt Ion:180 Resp: 210261

Ion Ratio Lower Upper

180 100

182 94.5 46.2 138.6

145 33.1 17.5 52.6

