

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077980.D
 Acq On : 30 May 2023 19:27
 Operator : JC\MD
 Sample : 02910-05MS 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MS

Quant Time: May 31 02:11:54 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	8.236	168	348977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	637442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	572162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	247729	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	274232	52.519	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.040%	
35) Dibromofluoromethane	8.177	113	231602	55.718	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.440%	
50) Toluene-d8	10.577	98	850947	53.186	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.380%	
62) 4-Bromofluorobenzene	12.859	95	297536	52.655	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	171843	43.268	ug/l	99
3) Chloromethane	2.371	50	196855	46.628	ug/l	97
4) Vinyl Chloride	2.518	62	261304	52.184	ug/l	96
5) Bromomethane	2.948	94	194887	52.624	ug/l	96
6) Chloroethane	3.118	64	193020	53.488	ug/l	100
7) Trichlorofluoromethane	3.501	101	362968	52.014	ug/l	99
8) Diethyl Ether	3.971	74	129850	50.970	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	204521	52.959	ug/l	98
10) Methyl Iodide	4.600	142	274500	59.601	ug/l	95
11) Tert butyl alcohol	5.530	59	191708	266.029	ug/l	99
12) 1,1-Dichloroethene	4.342	96	195164	53.171	ug/l	93
13) Acrolein	4.189	56	108996	242.231	ug/l	90
14) Allyl chloride	5.030	41	290115	53.804	ug/l	95
15) Acrylonitrile	5.724	53	510141	264.974	ug/l	99
16) Acetone	4.442	43	405870	247.063	ug/l	94
17) Carbon Disulfide	4.718	76	458537	46.365	ug/l	99
18) Methyl Acetate	5.036	43	367856	53.376	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	707011	53.216	ug/l	99
20) Methylene Chloride	5.289	84	237095	55.674	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	217089	52.653	ug/l	89
22) Diisopropyl ether	6.683	45	676297	53.510	ug/l	95
23) Vinyl Acetate	6.612	43	2016245	257.481	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	425355	54.934	ug/l	94
25) 2-Butanone	7.494	43	652755	254.009	ug/l	90
26) 2,2-Dichloropropane	7.500	77	341009	51.839	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	268837	54.380	ug/l	93
28) Bromochloromethane	7.818	49	165916	49.547	ug/l	89
29) Tetrahydrofuran	7.841	42	432080	256.780	ug/l	85
30) Chloroform	7.977	83	464593	54.545	ug/l	93
31) Cyclohexane	8.265	56	339128	47.786	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	412549	56.969	ug/l	98
36) 1,1-Dichloropropene	8.377	75	330009	54.279	ug/l	98
37) Ethyl Acetate	7.571	43	271479	50.098	ug/l #	94
38) Carbon Tetrachloride	8.371	117	358077	58.325	ug/l	99
39) Methylcyclohexane	9.606	83	367873	49.424	ug/l	93
40) Benzene	8.612	78	1000854	55.785	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	155626	53.926	ug/l	90
42) 1,2-Dichloroethane	8.677	62	357582	54.867	ug/l	97
43) Isopropyl Acetate	8.694	43	466410	52.694	ug/l	96
44) Trichloroethene	9.359	130	261316	57.522	ug/l	99
45) 1,2-Dichloropropane	9.630	63	258532	56.493	ug/l	93
46) Dibromomethane	9.718	93	181374	55.387	ug/l	95
47) Bromodichloromethane	9.894	83	365662	58.325	ug/l	97
48) Methyl methacrylate	9.688	41	220867	52.630	ug/l	90
49) 1,4-Dioxane	9.700	88	97479	1229.827	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	1450908	275.767	ug/l	93
52) Toluene	10.641	92	647761	57.995	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	373952	56.326	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	406718	55.591	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	250221	56.421	ug/l	96
56) Ethyl methacrylate	10.882	69	376703	56.178	ug/l	92
57) 1,3-Dichloropropane	11.171	76	428612	56.375	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	680485	206.278	ug/l	92
59) 2-Hexanone	11.206	43	1027713	264.085	ug/l	92
60) Dibromochloromethane	11.365	129	271021	59.196	ug/l	98
61) 1,2-Dibromoethane	11.476	107	256251	57.918	ug/l	99
64) Tetrachloroethene	11.112	164	241302	60.306	ug/l	95
65) Chlorobenzene	11.900	112	684748	55.205	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.971	131	258854	60.313	ug/l	98
67) Ethyl Benzene	11.971	91	1254853	56.453	ug/l	97
68) m/p-Xylenes	12.076	106	956662	113.584	ug/l	98
69) o-Xylene	12.406	106	475317	57.384	ug/l	99
70) Styrene	12.418	104	752574	57.194	ug/l	97
71) Bromoform	12.588	173	174583	61.148	ug/l #	99
73) Isopropylbenzene	12.706	105	1207491	56.546	ug/l	99
74) N-amyl acetate	12.500	43	386883	49.015	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	356211	54.223	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	432245	69.672	ug/l	74
77) Bromobenzene	12.988	156	265894	54.562	ug/l	99
78) n-propylbenzene	13.041	91	1396976	55.490	ug/l	99
79) 2-Chlorotoluene	13.135	91	832637	55.426	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	1018823	56.767	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	96941	49.947	ug/l #	86
82) 4-Chlorotoluene	13.229	91	795420	53.216	ug/l	99
83) tert-Butylbenzene	13.447	119	866948	55.332	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1001532	56.741	ug/l	100
85) sec-Butylbenzene	13.623	105	1183767	53.162	ug/l	98
86) p-Isopropyltoluene	13.735	119	992673	55.919	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	480442	53.310	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	456814	51.080	ug/l	99
89) n-Butylbenzene	14.065	91	792040	48.508	ug/l	98
90) Hexachloroethane	14.341	117	173880	59.624	ug/l	94
91) 1,2-Dichlorobenzene	14.117	146	467618	55.541	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	59857	47.063	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	190951	38.811	ug/l	97
94) Hexachlorobutadiene	15.512	225	90198	44.155	ug/l	98
95) Naphthalene	15.647	128	584830	34.534	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	200751	41.674	ug/l	98

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QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

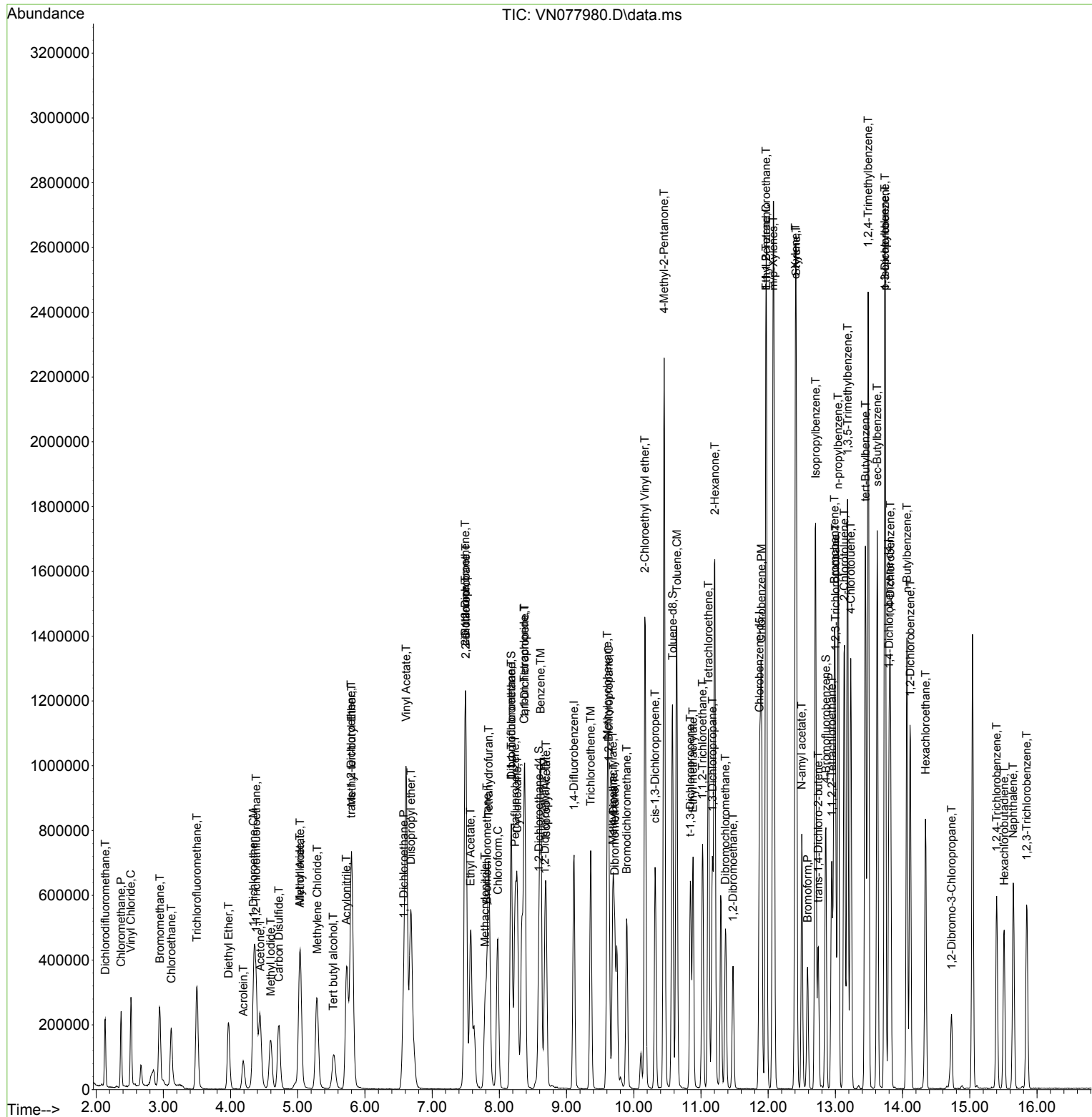
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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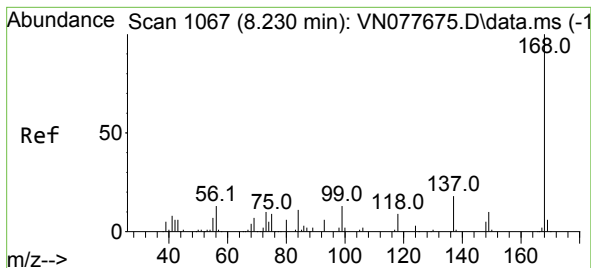
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN077980.D

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Instrument :

MSVOA_N

ClientSampleId :

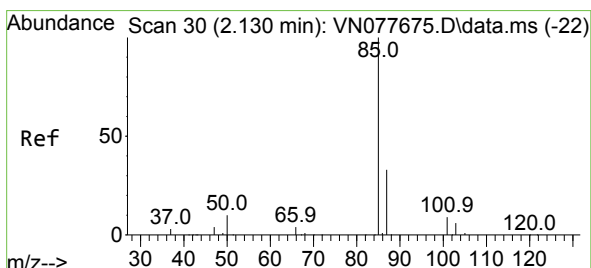
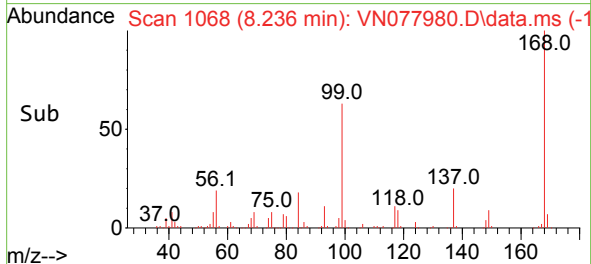
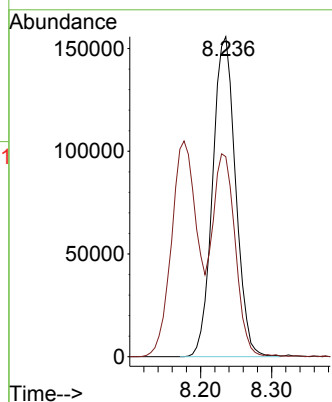
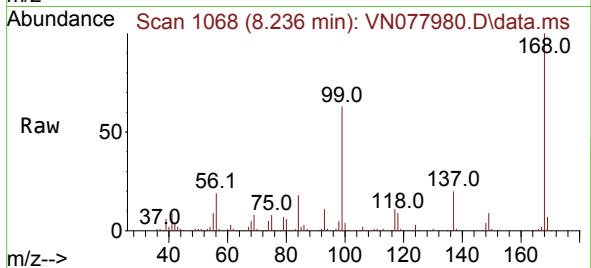
MW33S-20230523MS

Tgt Ion:168 Resp: 348977

Ion Ratio Lower Upper

168 100

99 62.3 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 43.268 ug/l

RT: 2.136 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN077980.D

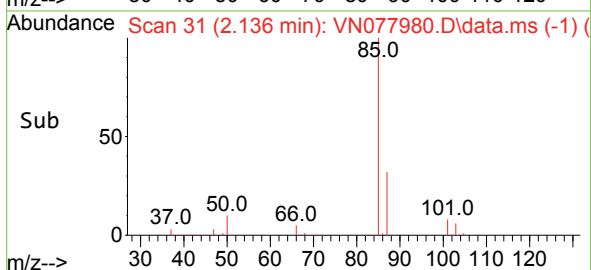
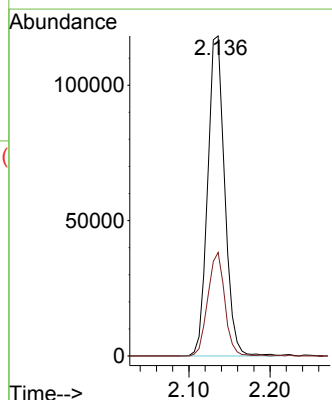
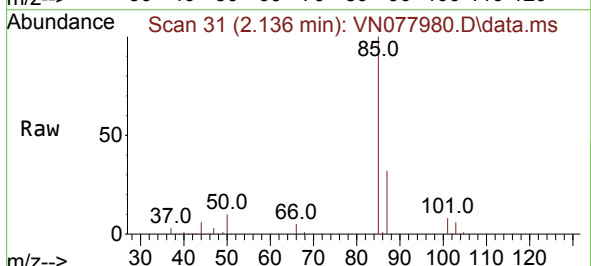
Acq: 30 May 2023 19:27

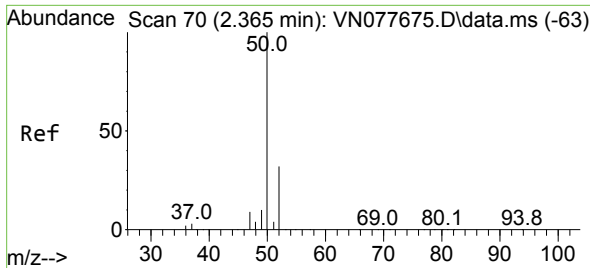
Tgt Ion: 85 Resp: 171843

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.4

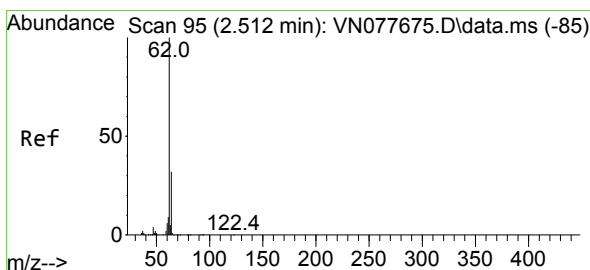
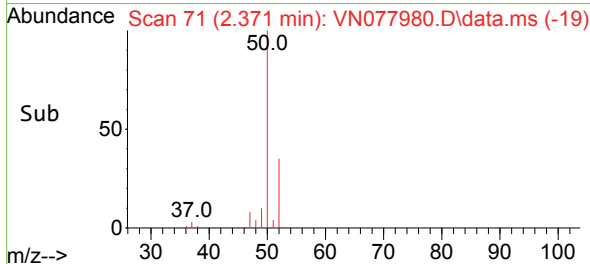
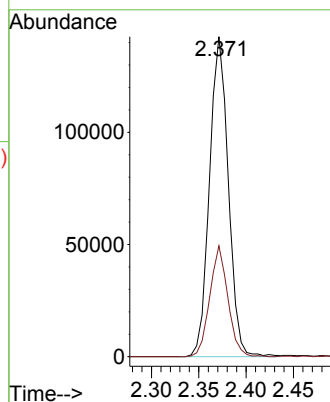
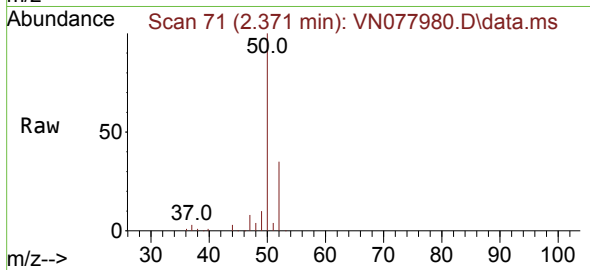




#3
Chloromethane
Concen: 46.628 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077980.D
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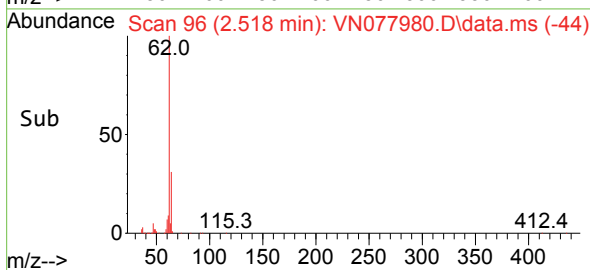
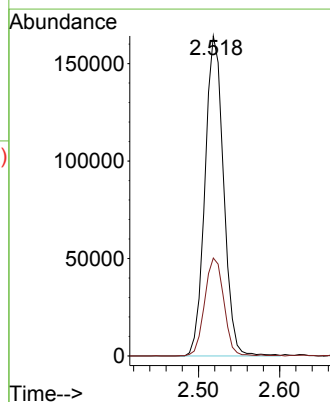
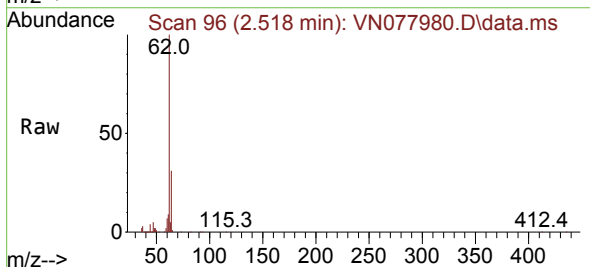
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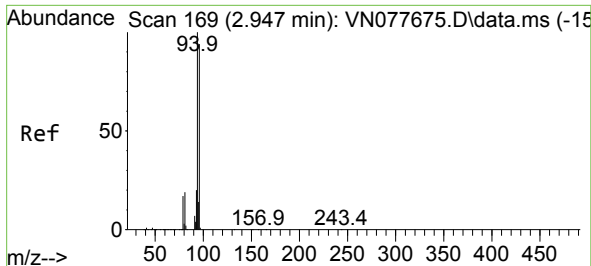
Tgt Ion: 50 Resp: 196855
Ion Ratio Lower Upper
50 100
52 34.7 26.5 39.7



#4
Vinyl Chloride
Concen: 52.184 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 62 Resp: 261304
Ion Ratio Lower Upper
62 100
64 30.5 26.2 39.2

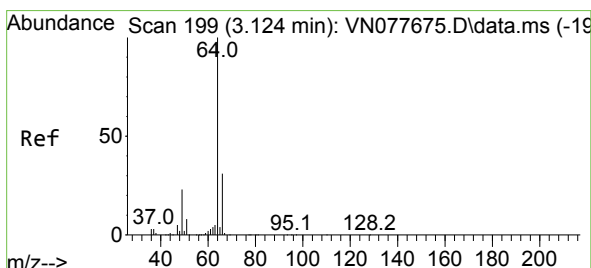
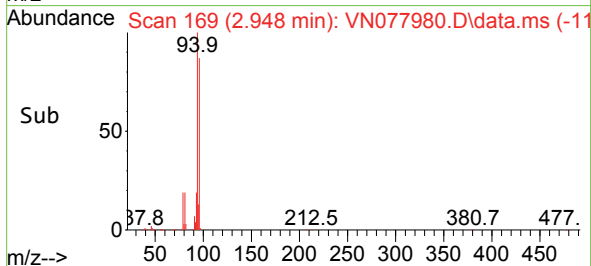
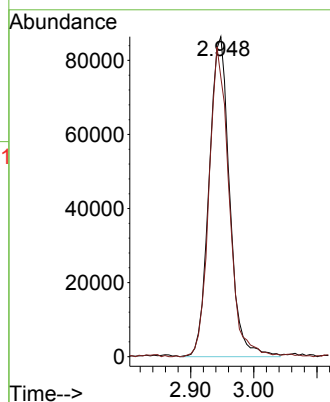
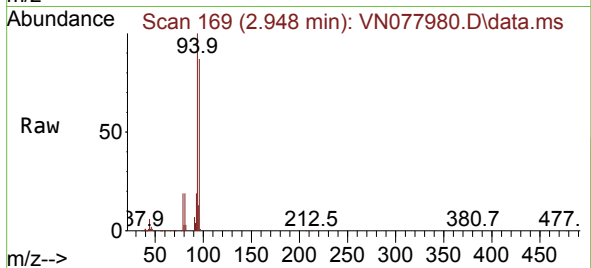




#5
Bromomethane
Concen: 52.624 ug/l
RT: 2.948 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN077980.D
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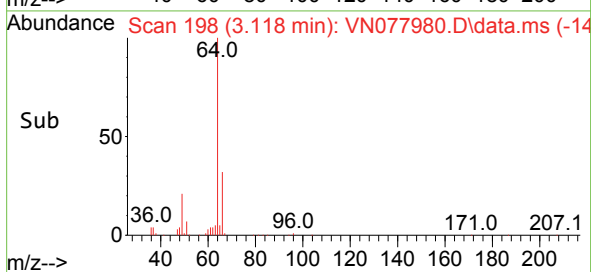
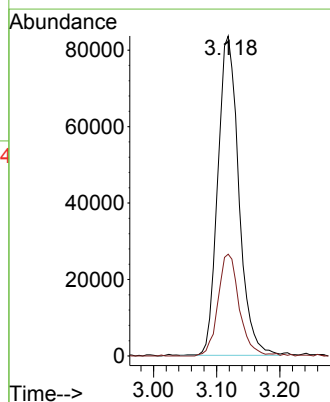
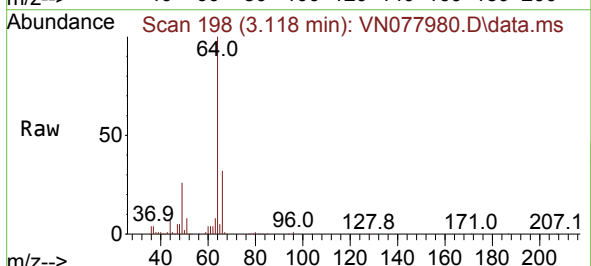
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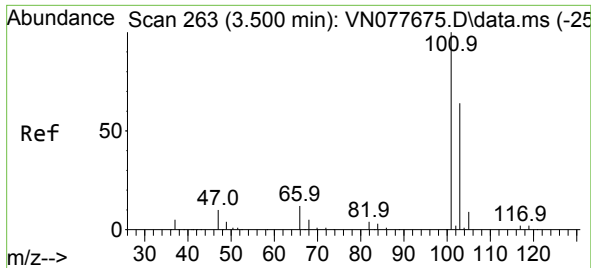
Tgt Ion: 94 Resp: 194887
Ion Ratio Lower Upper
94 100
96 87.3 73.1 109.7



#6
Chloroethane
Concen: 53.488 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 64 Resp: 193020
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.2

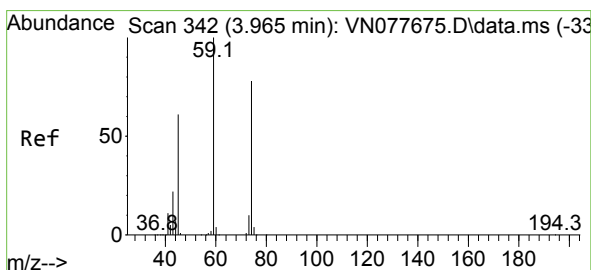
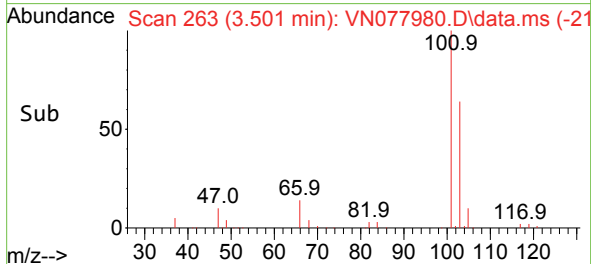
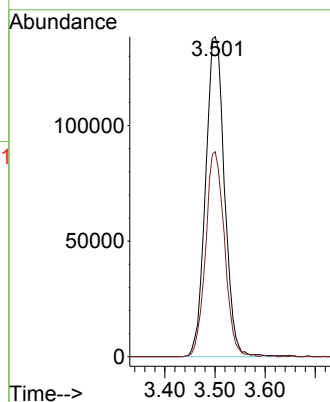
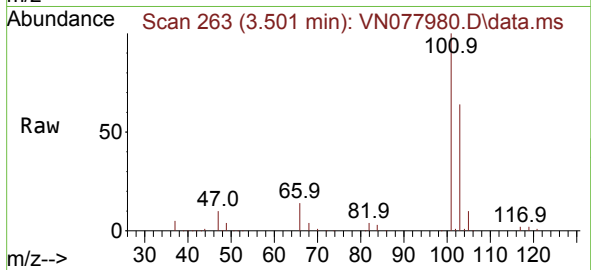




#7
Trichlorofluoromethane
Concen: 52.014 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.001 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

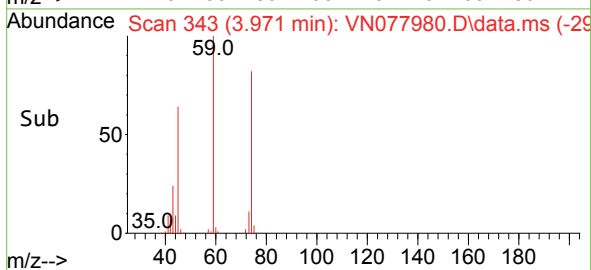
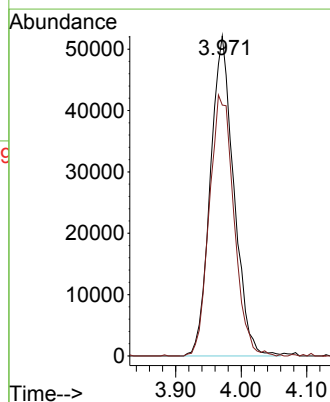
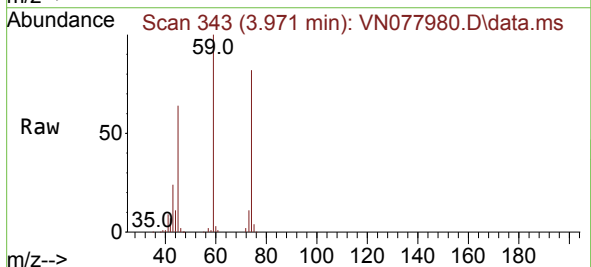
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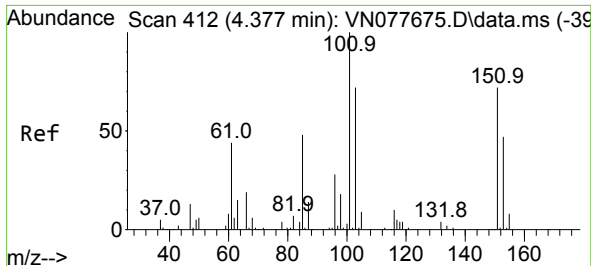
Tgt Ion:101 Resp: 362968
Ion Ratio Lower Upper
101 100
103 64.0 50.7 76.1



#8
Diethyl Ether
Concen: 50.970 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077980.D
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Tgt Ion: 74 Resp: 129850
Ion Ratio Lower Upper
74 100
45 85.3 34.4 103.3

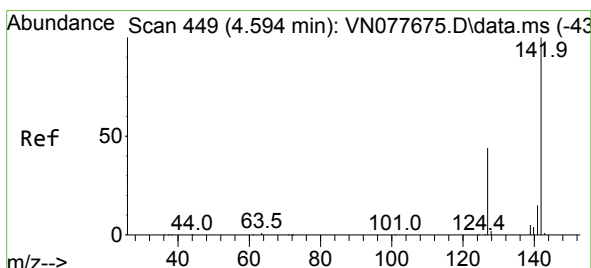
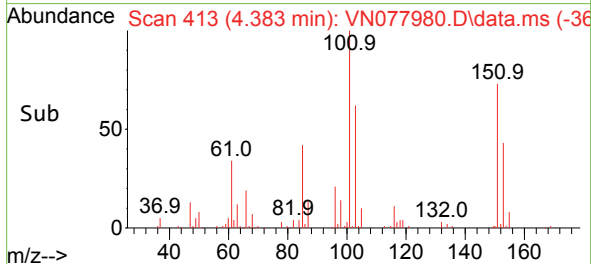
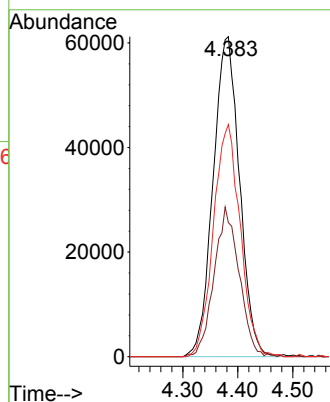
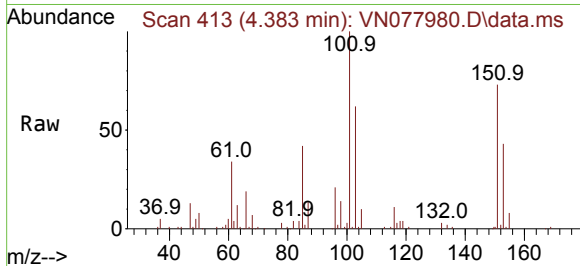




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.959 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

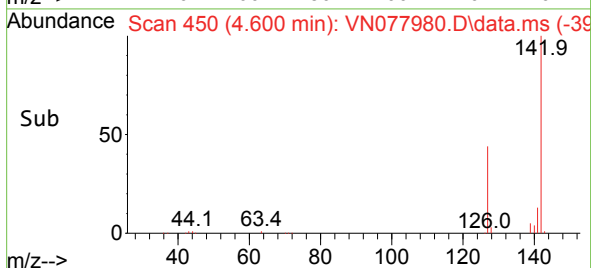
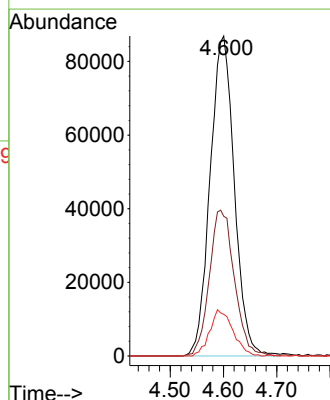
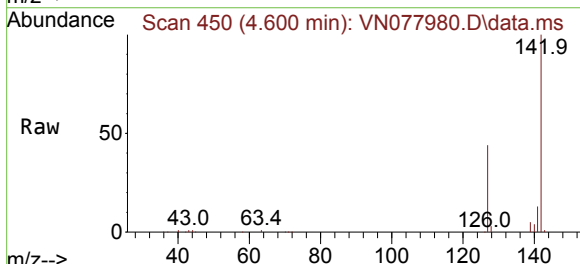
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

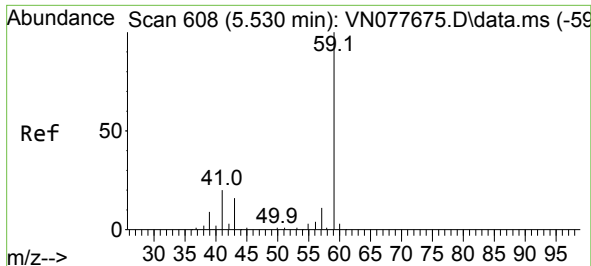
Tgt Ion:101 Resp: 204521
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 73.6 57.6 86.4



#10
Methyl Iodide
Concen: 59.601 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion:142 Resp: 274500
Ion Ratio Lower Upper
142 100
127 43.6 37.6 56.4
141 13.0 11.4 17.0

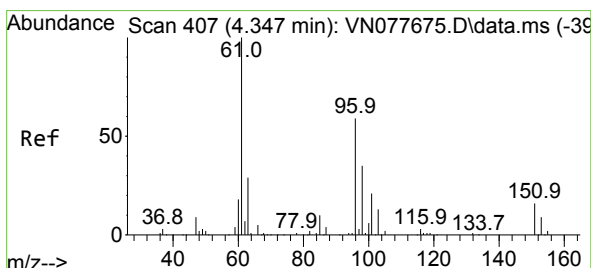
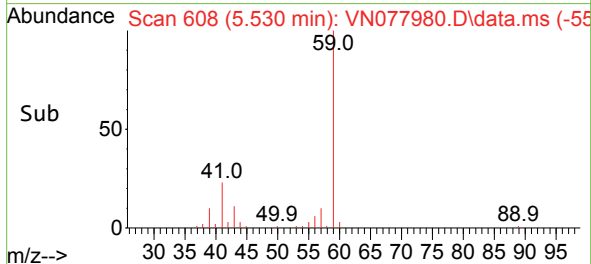
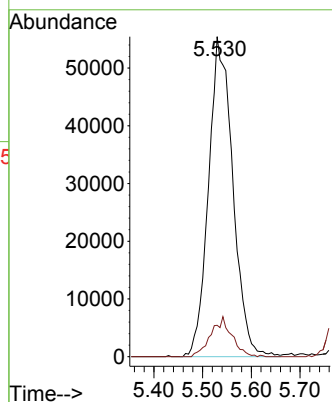
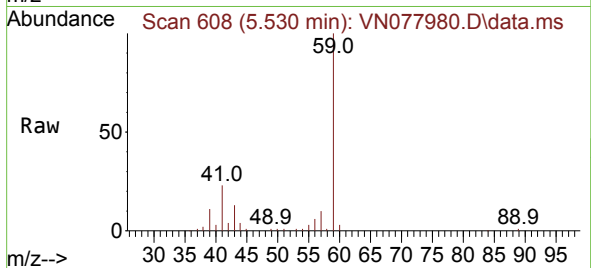




#11
Tert butyl alcohol
Concen: 266.029 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

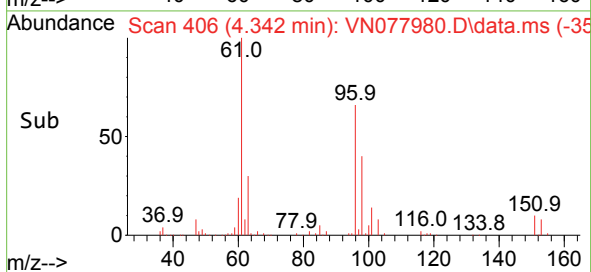
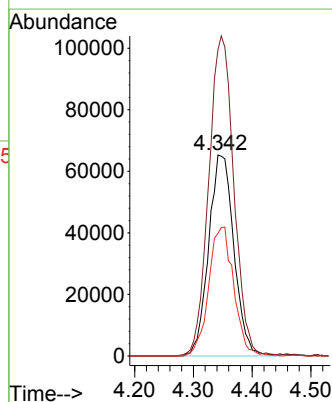
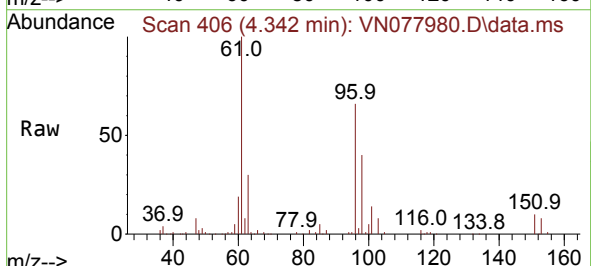
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

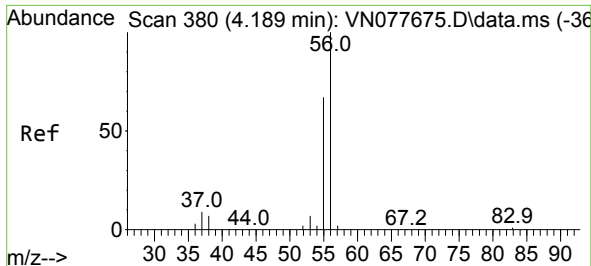
Tgt Ion: 59 Resp: 191708
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 53.171 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.005 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 96 Resp: 195164
Ion Ratio Lower Upper
96 100
61 152.0 112.7 169.1
98 61.0 51.2 76.8

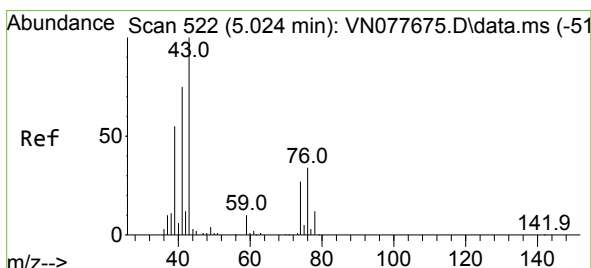
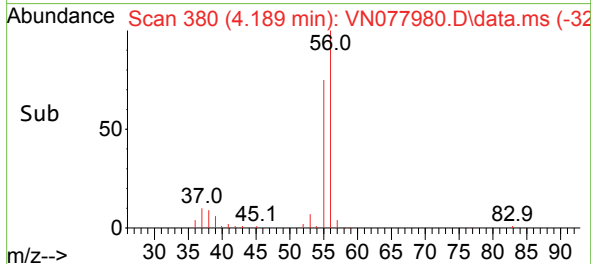
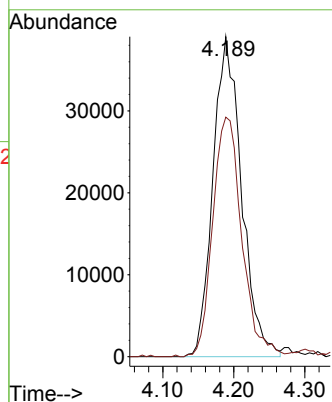
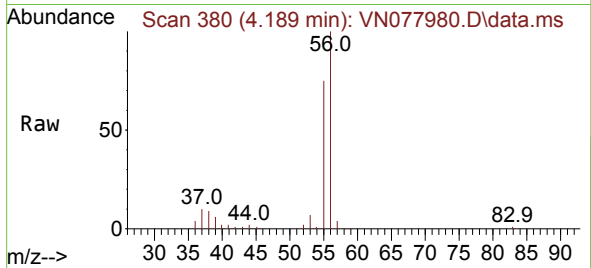




#13
Acrolein
Concen: 242.231 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

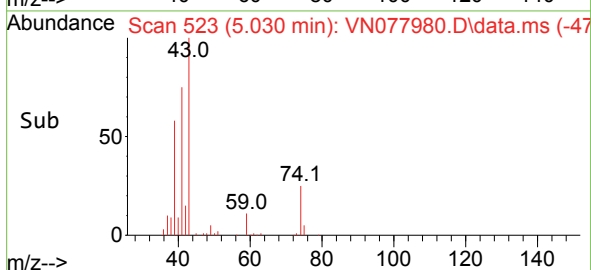
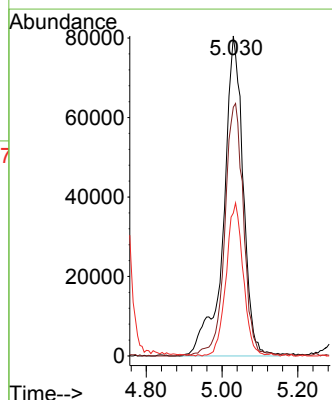
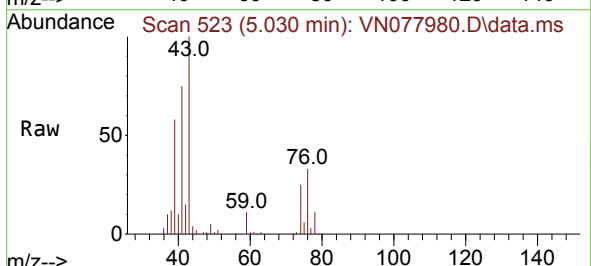
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

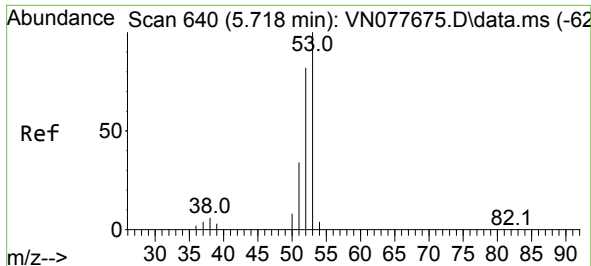
Tgt Ion: 56 Resp: 108996
Ion Ratio Lower Upper
56 100
55 76.0 54.5 81.7



#14
Allyl chloride
Concen: 53.804 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 41 Resp: 290115
Ion Ratio Lower Upper
41 100
39 74.5 58.8 88.2
76 41.6 39.1 58.7

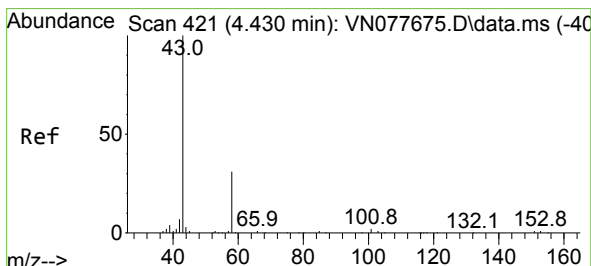
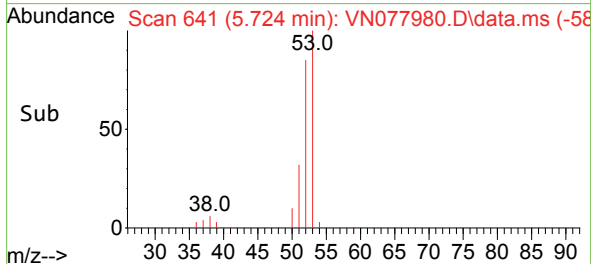
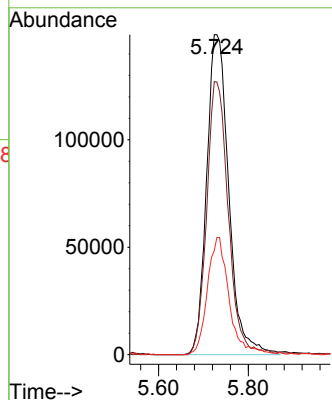
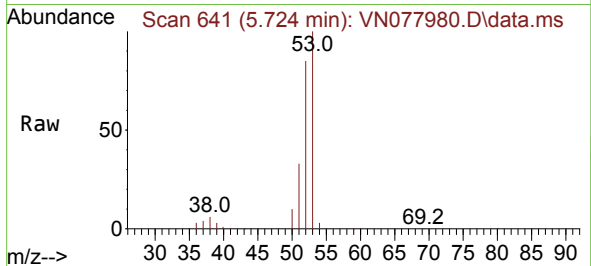




#15
Acrylonitrile
Concen: 264.974 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

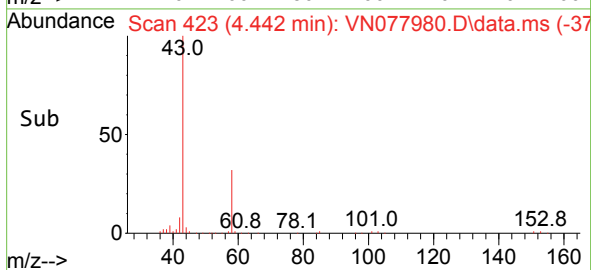
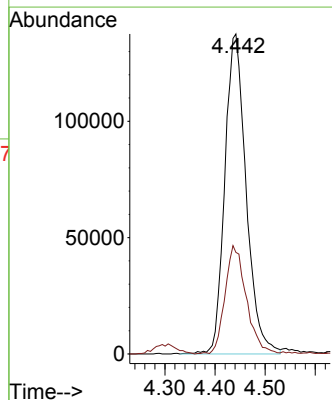
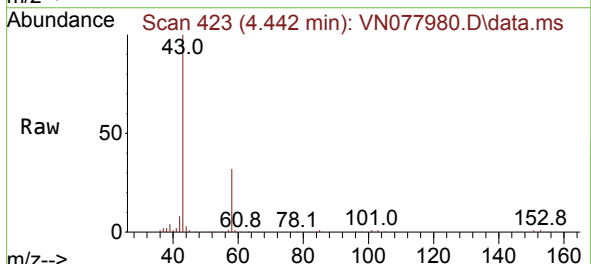
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

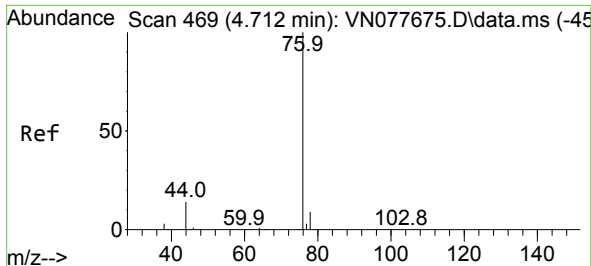
Tgt Ion: 53 Resp: 510141
Ion Ratio Lower Upper
53 100
52 83.3 65.3 97.9
51 35.9 28.9 43.3



#16
Acetone
Concen: 247.063 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 43 Resp: 405870
Ion Ratio Lower Upper
43 100
58 31.4 28.0 42.0

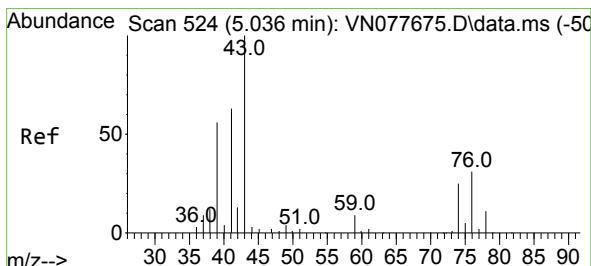
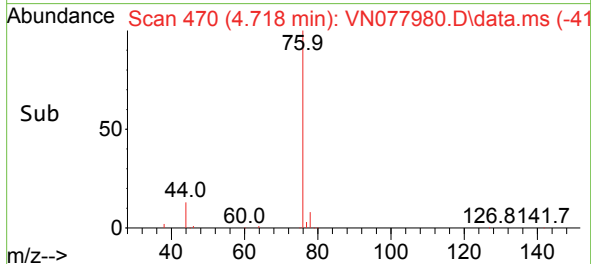
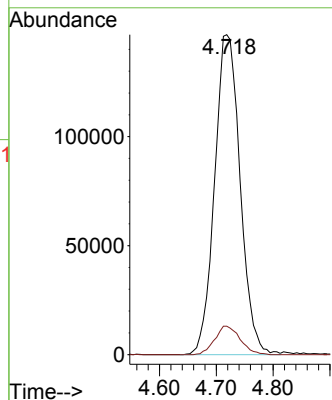
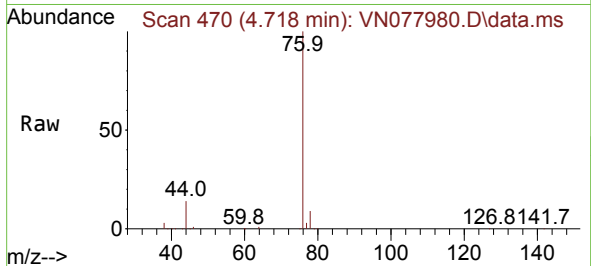




#17
Carbon Disulfide
Concen: 46.365 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

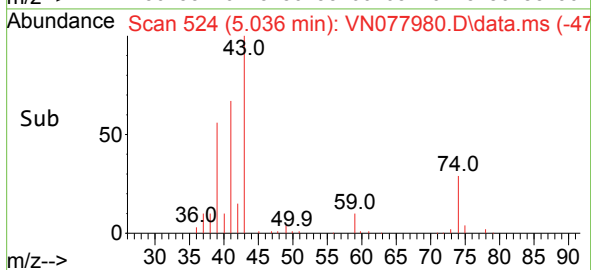
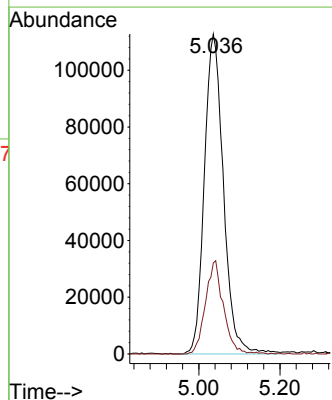
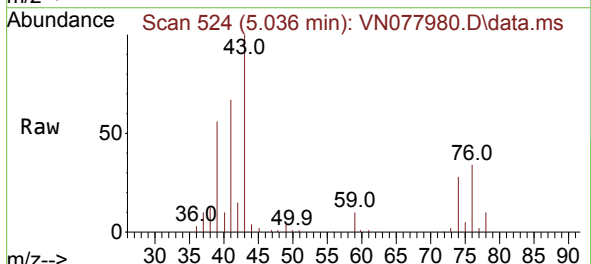
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

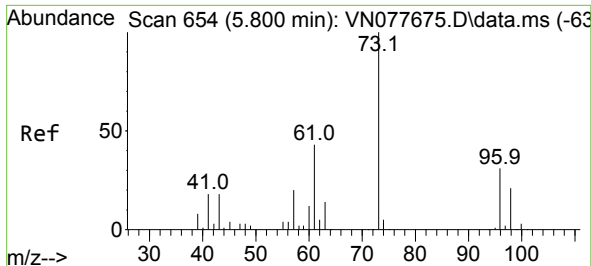
Tgt Ion: 76 Resp: 458537
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 53.376 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 43 Resp: 367856
Ion Ratio Lower Upper
43 100
74 27.2 26.2 39.4

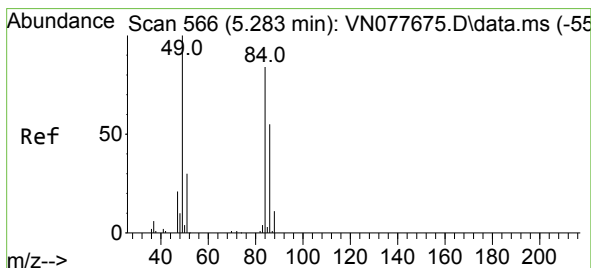
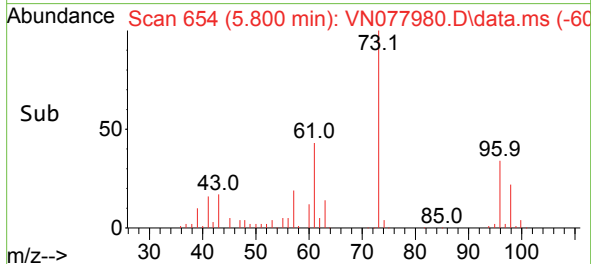
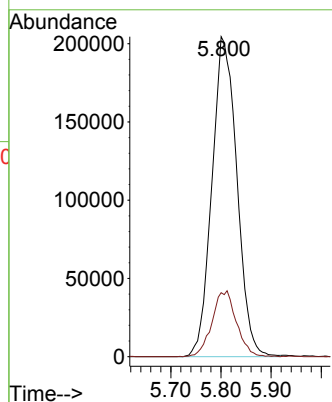
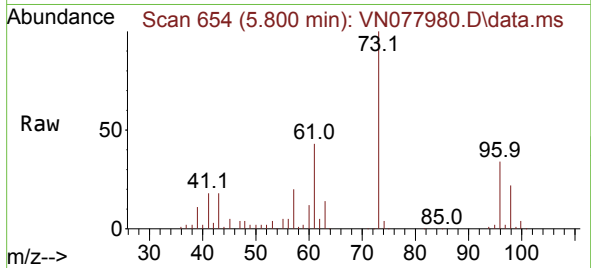




#19
Methyl tert-butyl Ether
Concen: 53.216 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

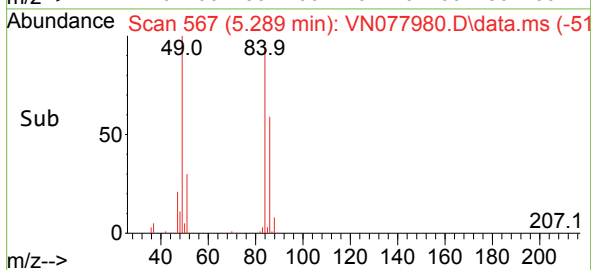
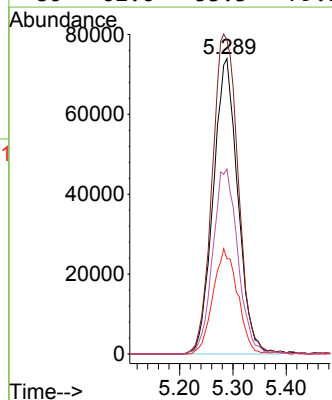
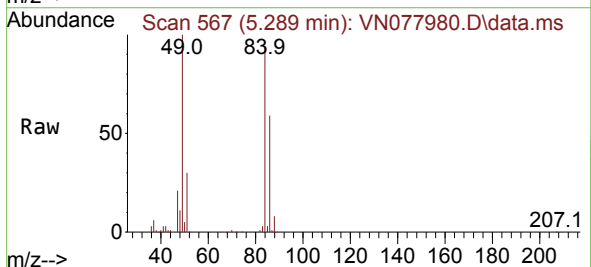
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

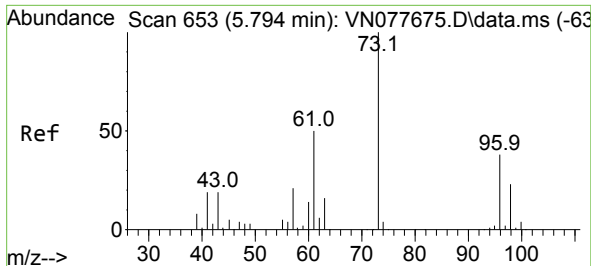
Tgt Ion: 73 Resp: 707011
Ion Ratio Lower Upper
73 100
57 20.0 15.6 23.4



#20
Methylene Chloride
Concen: 55.674 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 84 Resp: 237095
Ion Ratio Lower Upper
84 100
49 106.3 79.7 119.5
51 32.3 25.2 37.8
86 62.6 53.3 79.9

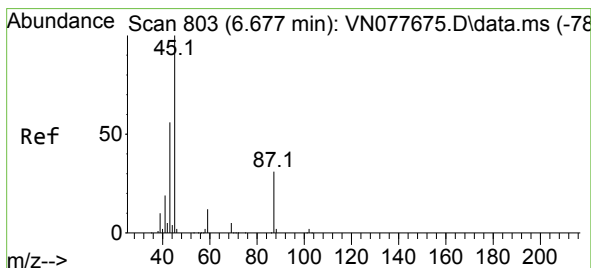
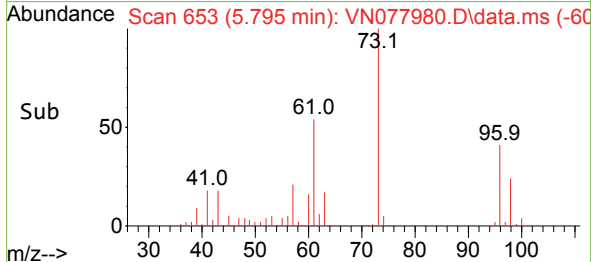
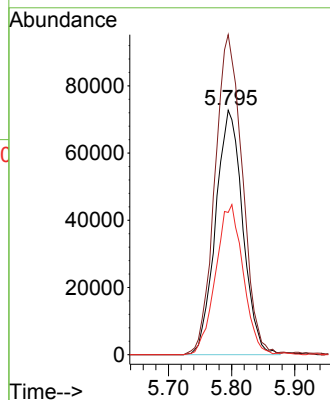
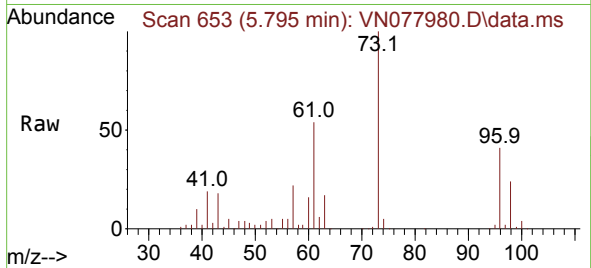




#21
trans-1,2-Dichloroethene
Concen: 52.653 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

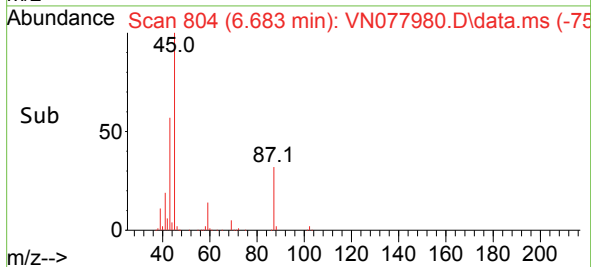
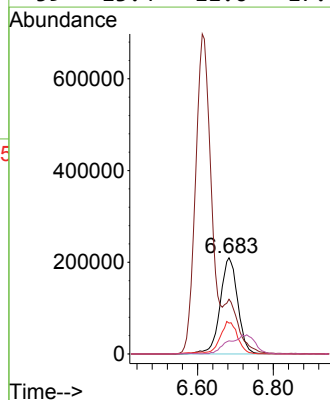
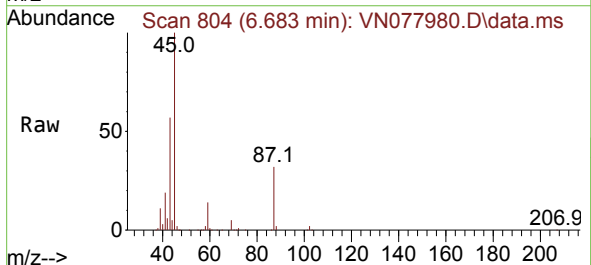
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

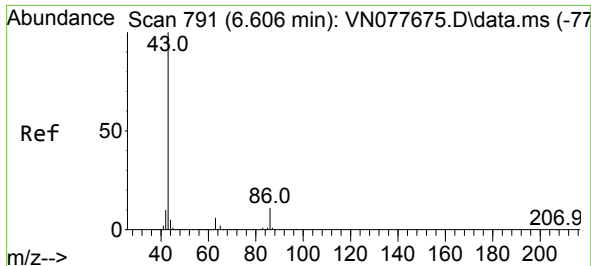
Tgt Ion: 96 Resp: 217089
Ion Ratio Lower Upper
96 100
61 130.9 90.1 135.1
98 58.2 46.4 69.6



#22
Diisopropyl ether
Concen: 53.510 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 45 Resp: 676297
Ion Ratio Lower Upper
45 100
43 56.3 45.5 68.3
87 32.0 31.8 47.8
59 13.4 11.6 17.4

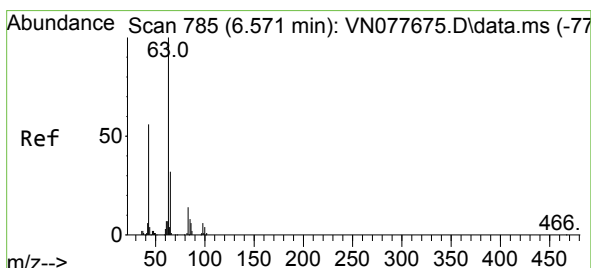
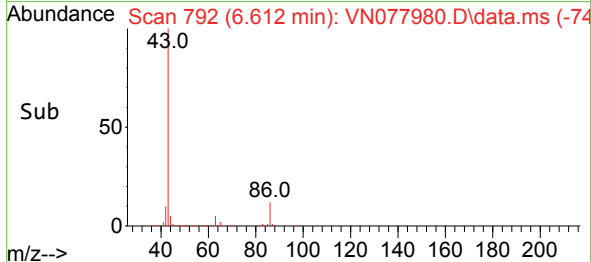
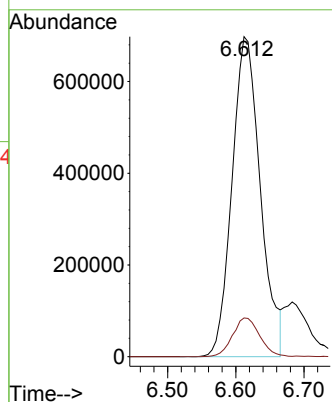
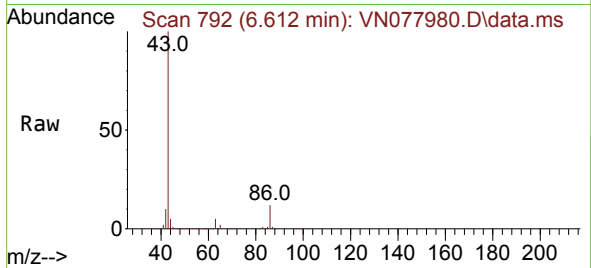




#23
 Vinyl Acetate
 Concen: 257.481 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077980.D
 Acq: 30 May 2023 19:27

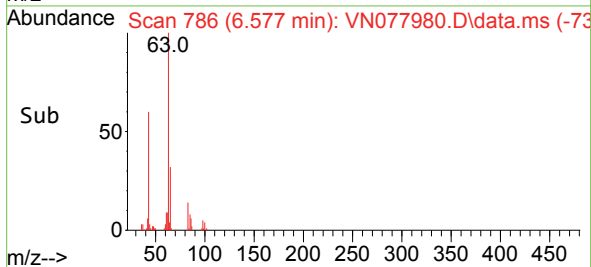
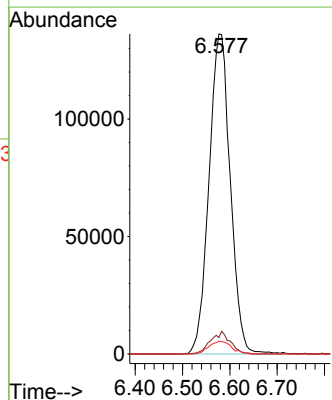
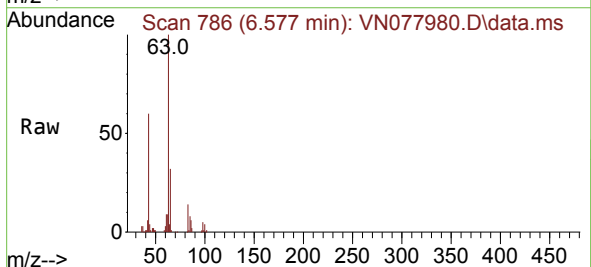
Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MS

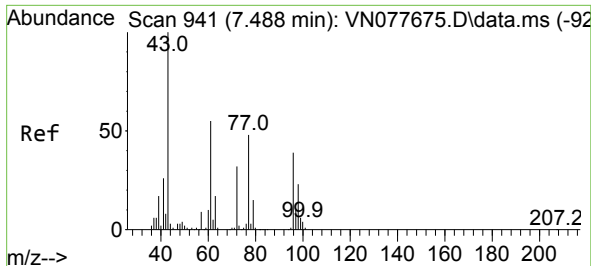
Tgt Ion: 43 Resp: 2016245
 Ion Ratio Lower Upper
 43 100
 86 12.1 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 54.934 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077980.D
 Acq: 30 May 2023 19:27

Tgt Ion: 63 Resp: 425355
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.9 11.7
 100 4.0 2.5 7.4

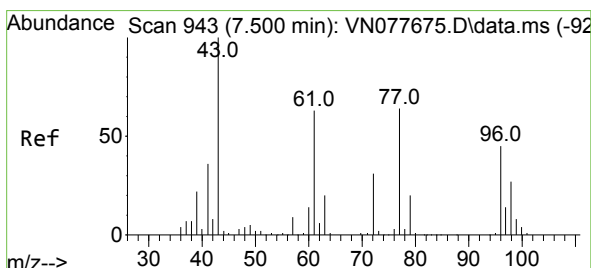
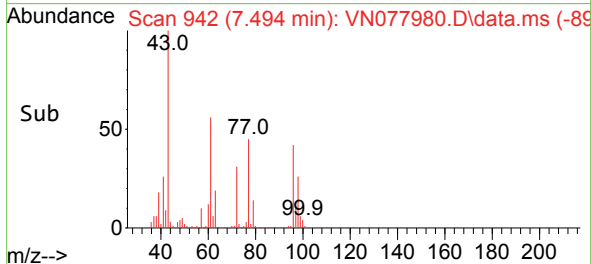
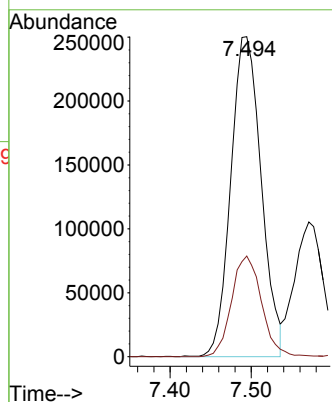
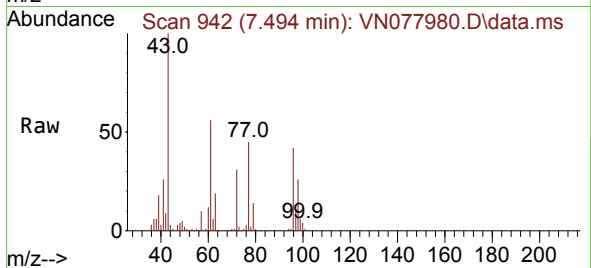




#25
2-Butanone
Concen: 254.009 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

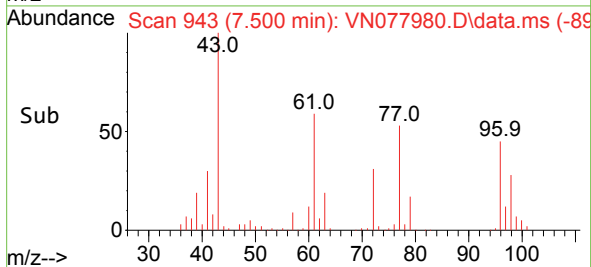
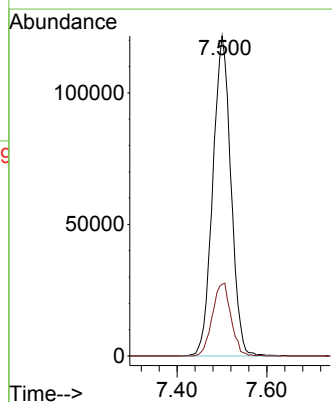
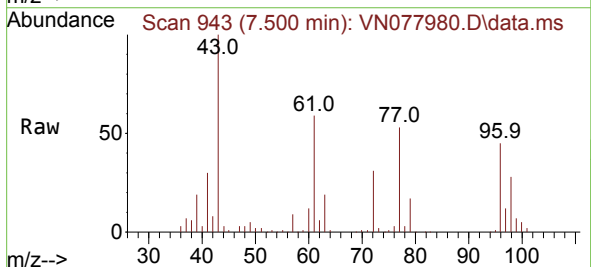
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

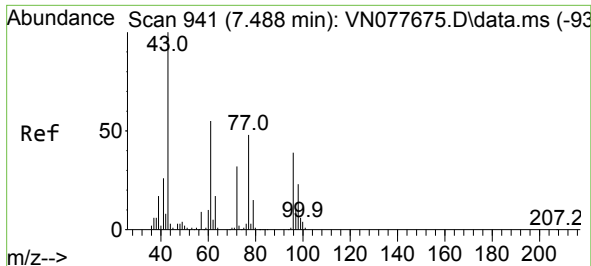
Tgt Ion: 43 Resp: 652755
Ion Ratio Lower Upper
43 100
72 31.4 30.2 45.2



#26
2,2-Dichloropropane
Concen: 51.839 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 77 Resp: 341009
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6

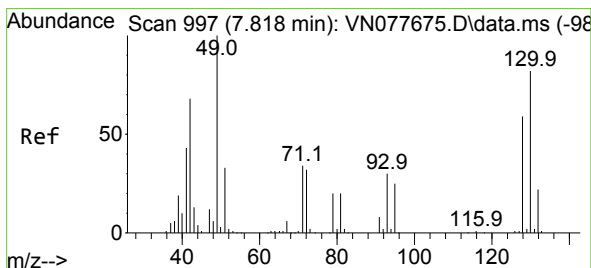
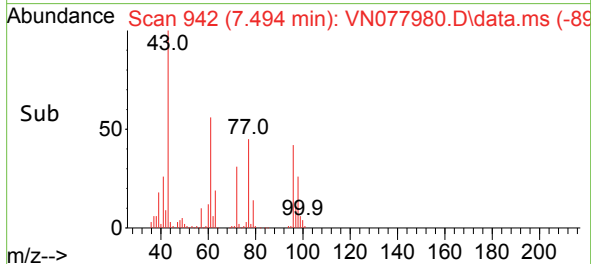
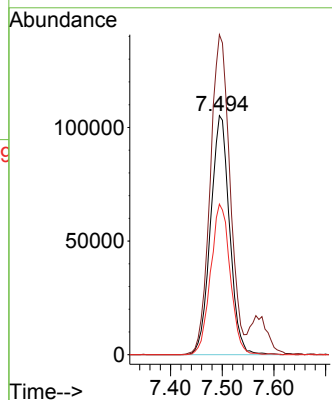
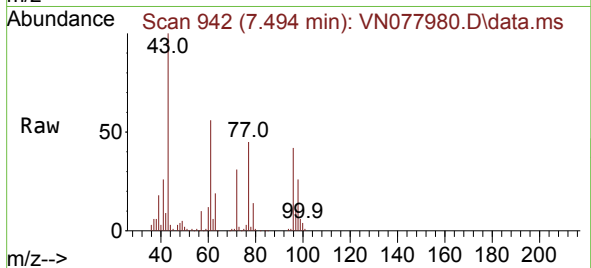




#27
 cis-1,2-Dichloroethene
 Concen: 54.380 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077980.D
 Acq: 30 May 2023 19:27

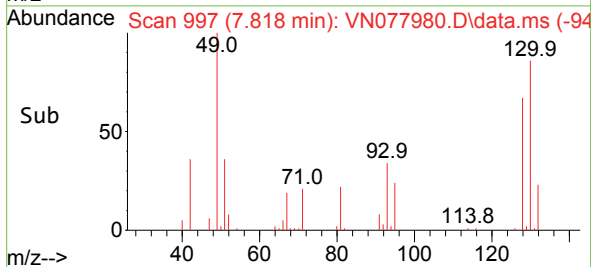
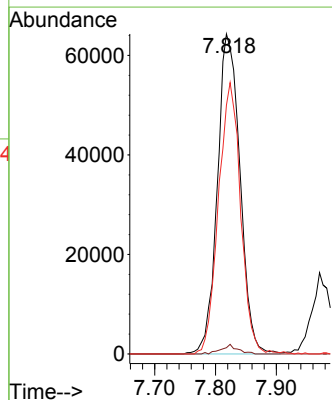
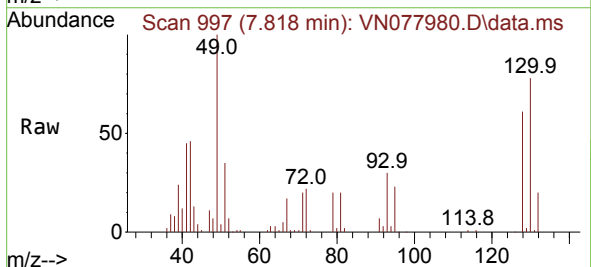
Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MS

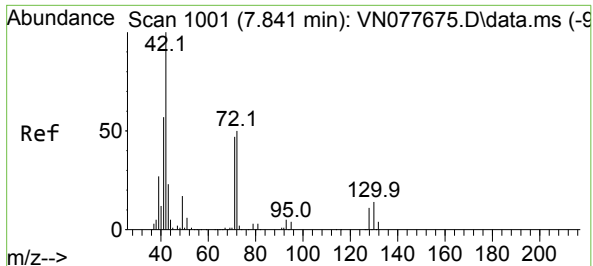
Tgt Ion: 96 Resp: 268837
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 255.2
 98 64.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 49.547 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN077980.D
 Acq: 30 May 2023 19:27

Tgt Ion: 49 Resp: 165916
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 83.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 256.780 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

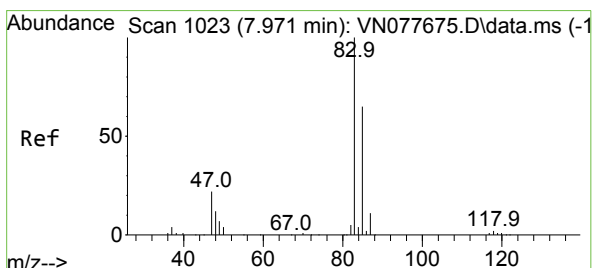
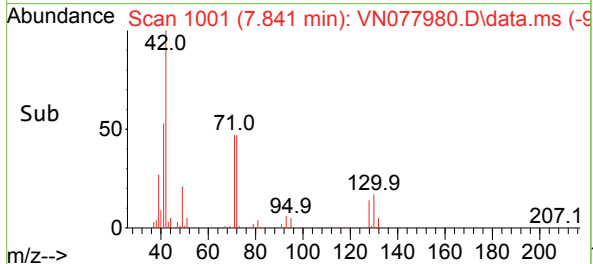
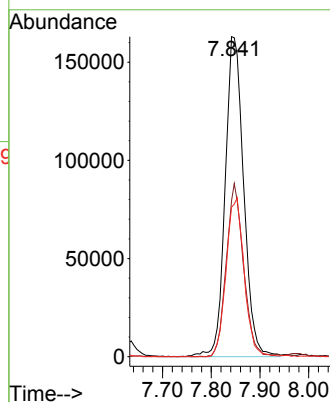
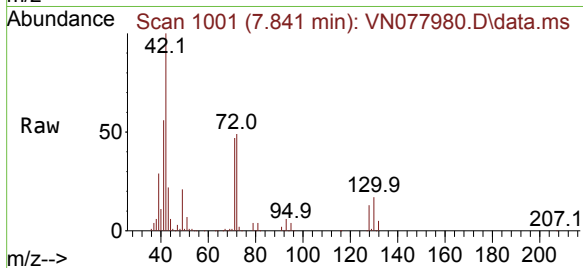
Tgt Ion: 42 Resp: 432080

Ion Ratio Lower Upper

42 100

72 50.4 49.8 74.6

71 48.2 47.4 71.2



#30

Chloroform

Concen: 54.545 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077980.D

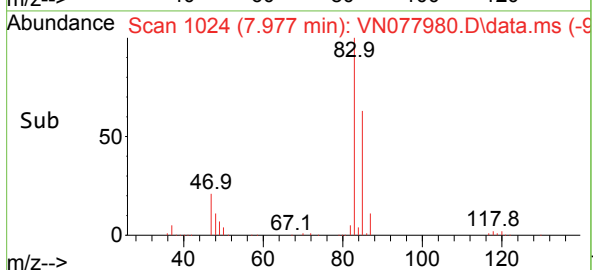
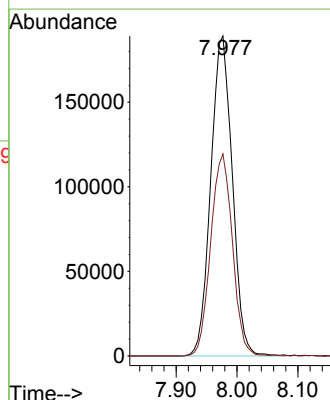
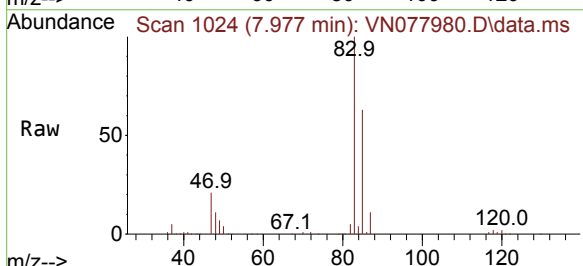
Acq: 30 May 2023 19:27

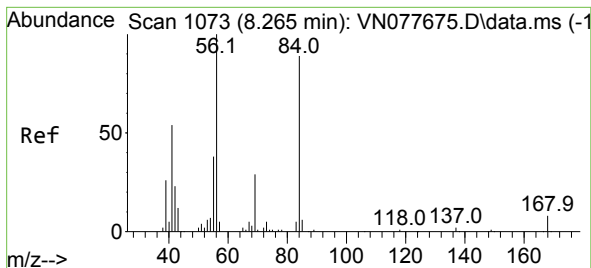
Tgt Ion: 83 Resp: 464593

Ion Ratio Lower Upper

83 100

85 63.1 55.4 83.0





#31

Cyclohexane

Concen: 47.786 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN077980.D

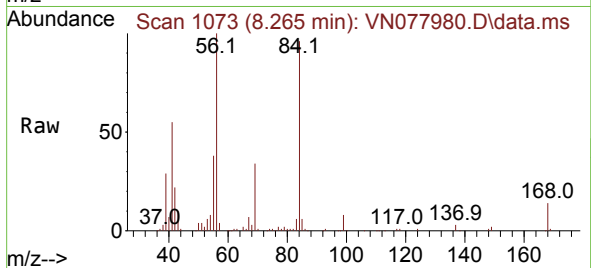
Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS



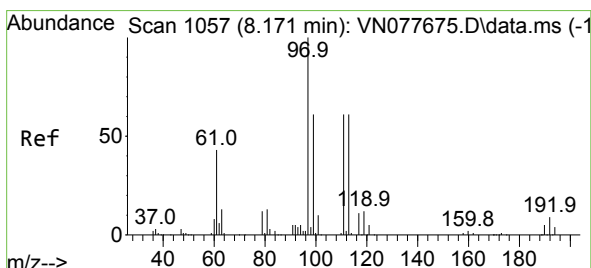
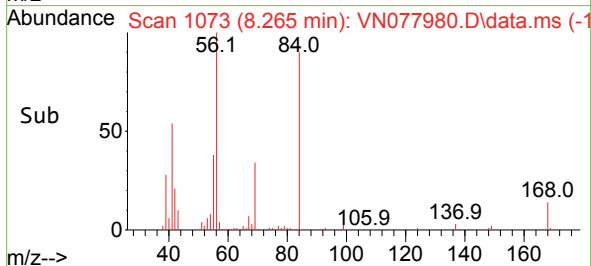
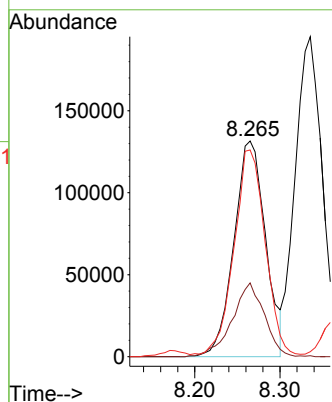
Tgt Ion: 56 Resp: 339128

Ion Ratio Lower Upper

56 100

69 34.2 26.8 40.2

84 93.7 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 56.969 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

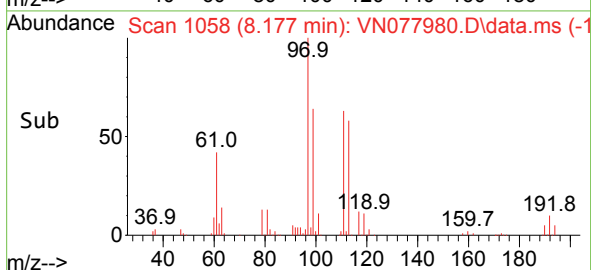
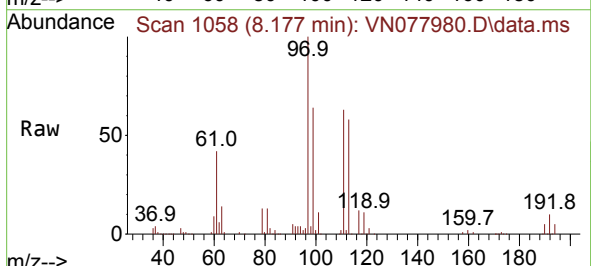
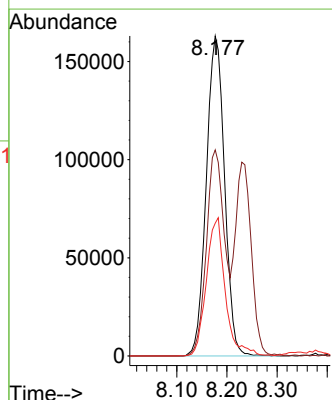
Tgt Ion: 97 Resp: 412549

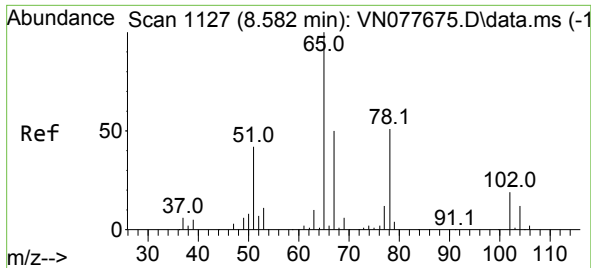
Ion Ratio Lower Upper

97 100

99 64.0 50.3 75.5

61 44.8 34.7 52.1

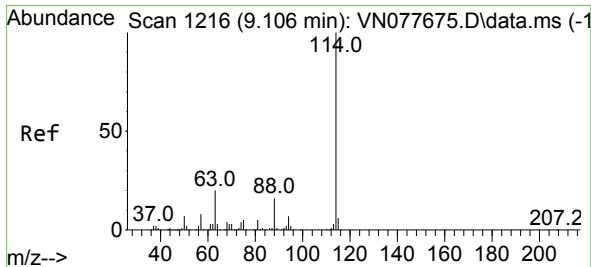
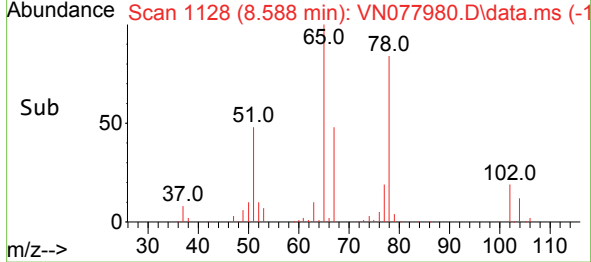
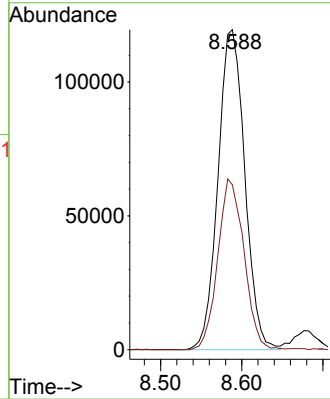
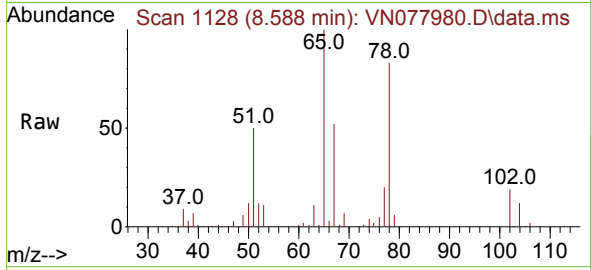




#33
 1,2-Dichloroethane-d4
 Concen: 52.519 ug/l
 RT: 8.588 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN077980.D
 Acq: 30 May 2023 19:27

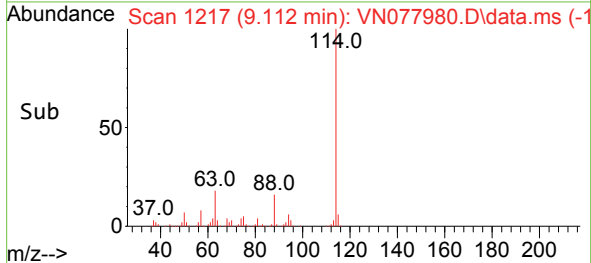
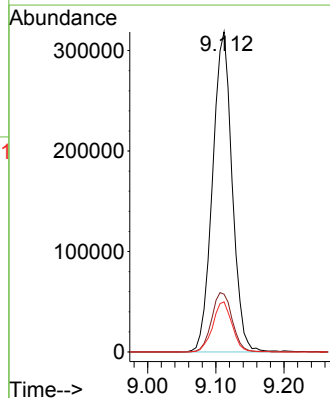
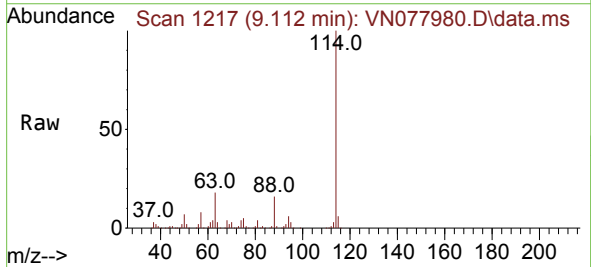
Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MS

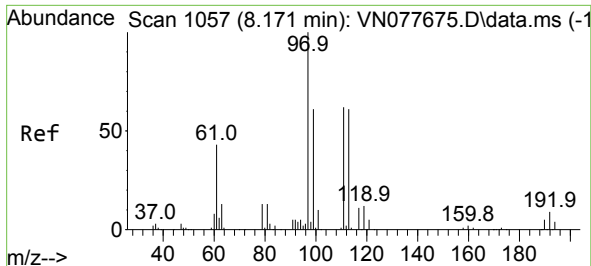
Tgt Ion: 65 Resp: 274232
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.112 min Scan# 1217
 Delta R.T. 0.006 min
 Lab File: VN077980.D
 Acq: 30 May 2023 19:27

Tgt Ion: 114 Resp: 637442
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.4
 88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.718 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

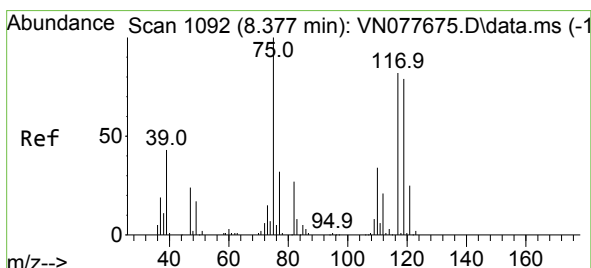
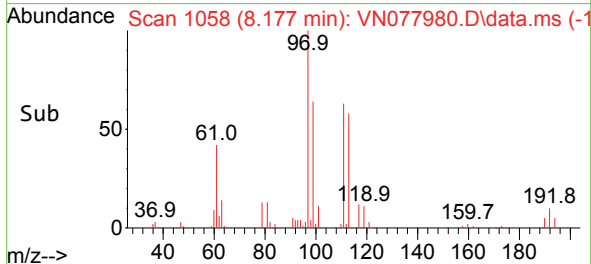
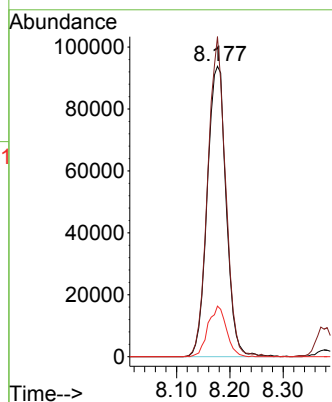
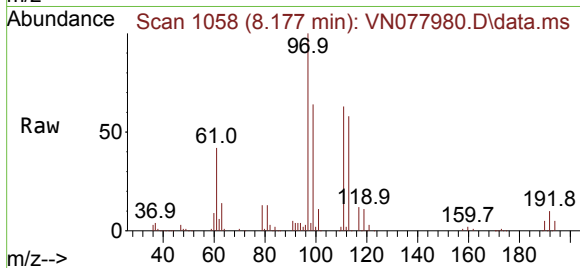
Tgt Ion:113 Resp: 231602

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 17.0 12.7 19.1



#36

1,1-Dichloropropene

Concen: 54.279 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

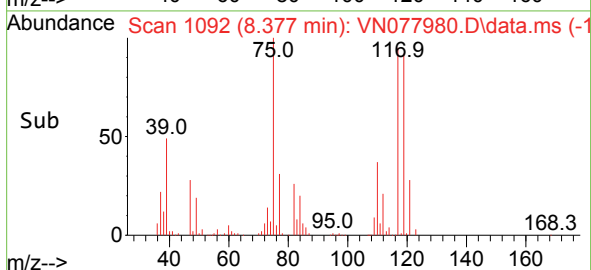
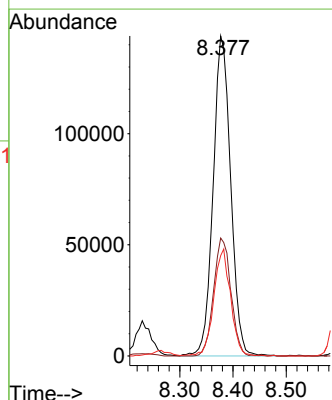
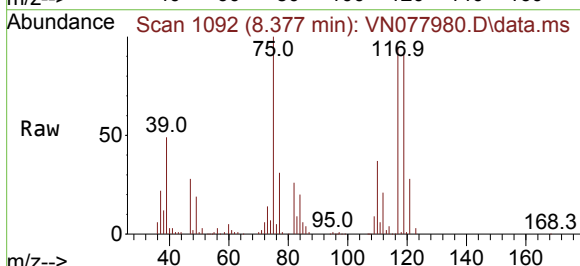
Tgt Ion: 75 Resp: 330009

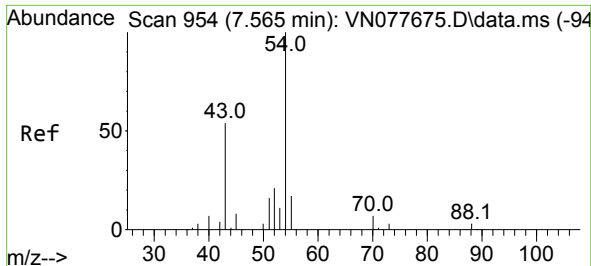
Ion Ratio Lower Upper

75 100

110 36.4 19.1 57.3

77 31.8 25.0 37.4

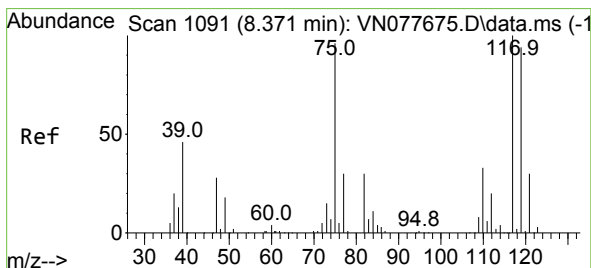
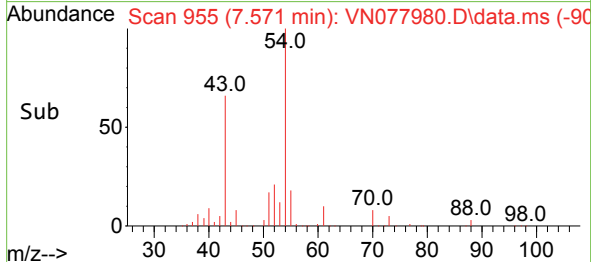
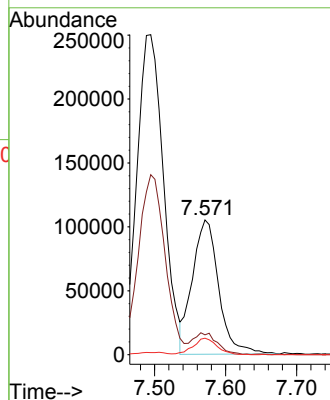
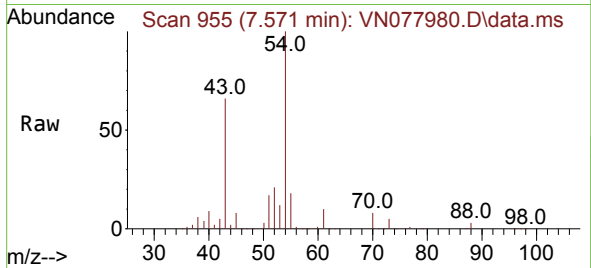




#37
Ethyl Acetate
Concen: 50.098 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

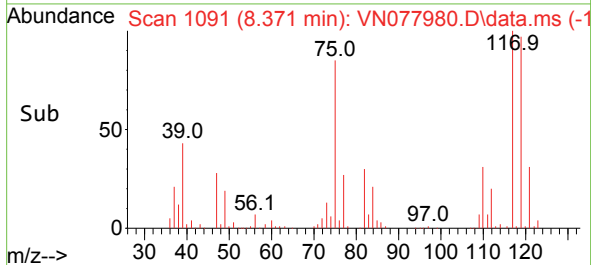
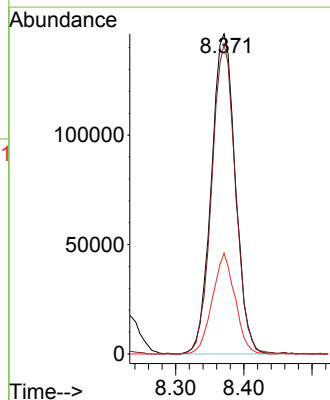
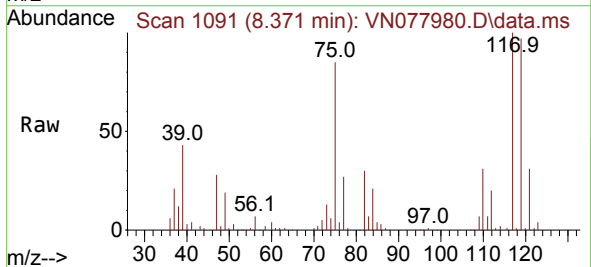
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

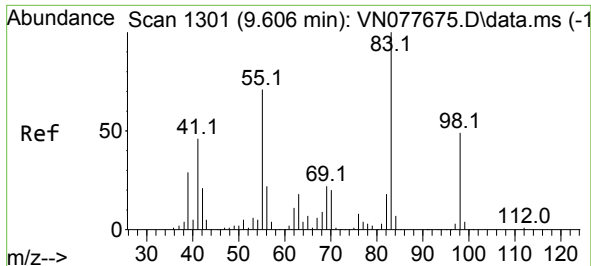
Tgt Ion: 43 Resp: 271479
Ion Ratio Lower Upper
43 100
61 14.2 13.2 19.8
70 11.1 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 58.325 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 117 Resp: 358077
Ion Ratio Lower Upper
117 100
119 96.8 77.3 115.9
121 31.5 23.3 34.9





#39

Methylcyclohexane

Concen: 49.424 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

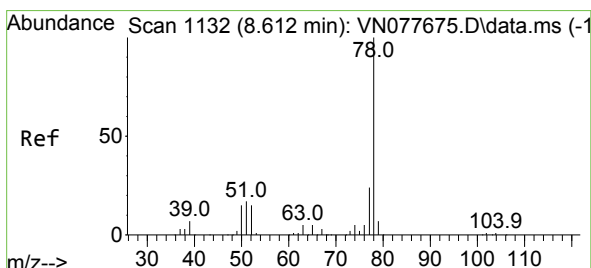
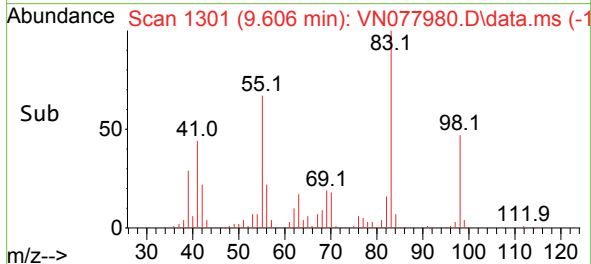
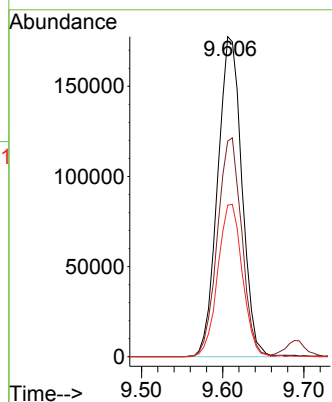
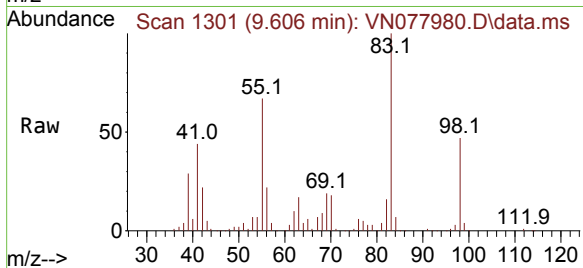
Tgt Ion: 83 Resp: 367873

Ion Ratio Lower Upper

83 100

55 67.4 49.1 73.7

98 47.4 40.6 61.0



#40

Benzene

Concen: 55.785 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077980.D

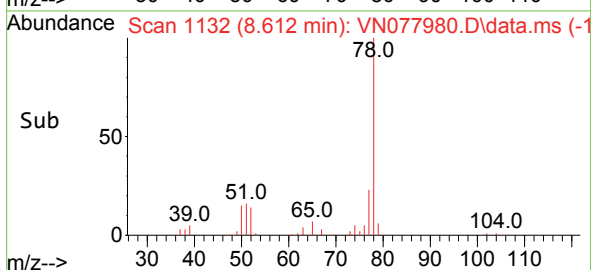
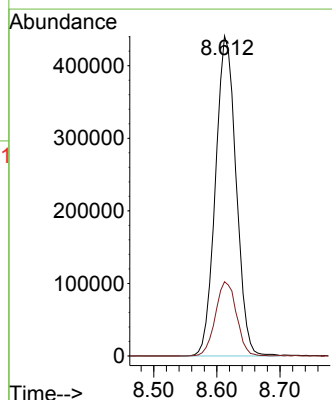
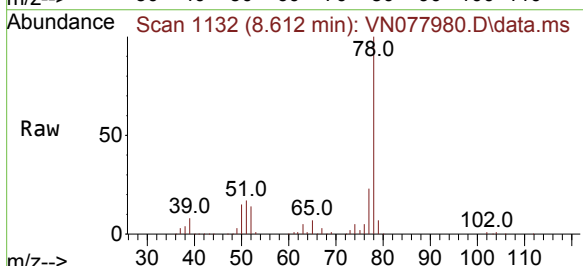
Acq: 30 May 2023 19:27

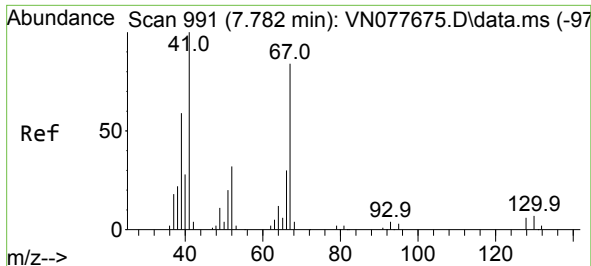
Tgt Ion: 78 Resp: 1000854

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

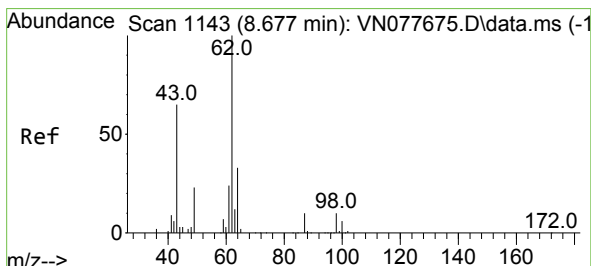
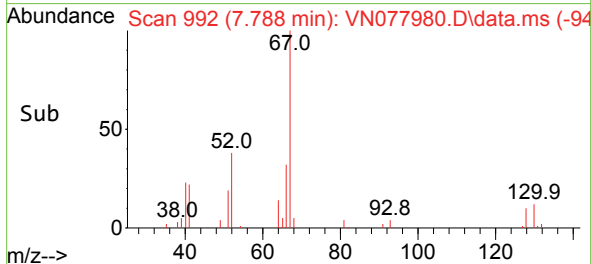
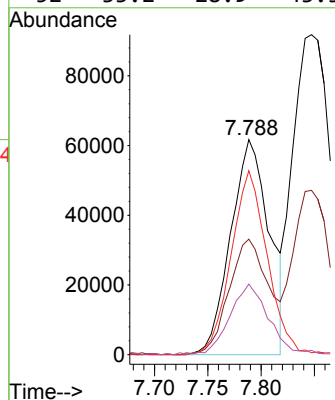
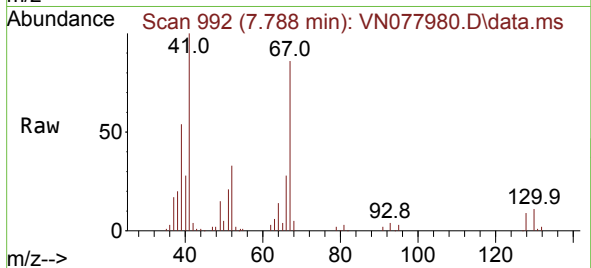




#41
Methacrylonitrile
Concen: 53.926 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

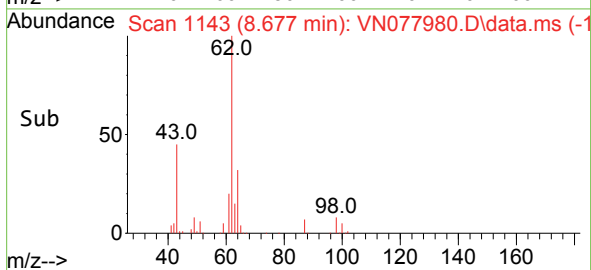
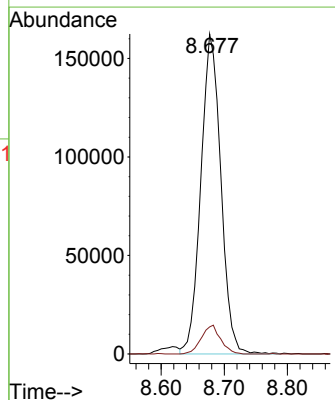
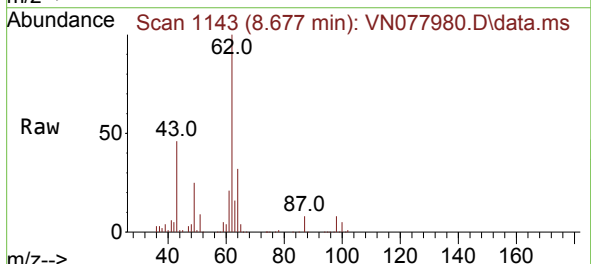
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

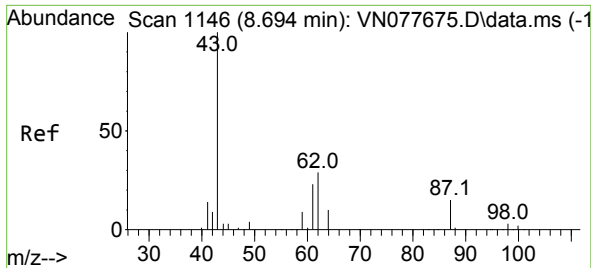
Tgt Ion:	41	Resp:	155626
Ion	Ratio	Lower	Upper
41	100		
39	55.4	42.6	64.0
67	80.6	77.5	116.3
52	33.2	28.9	43.3



#42
1,2-Dichloroethane
Concen: 54.867 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion:	62	Resp:	357582
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.8

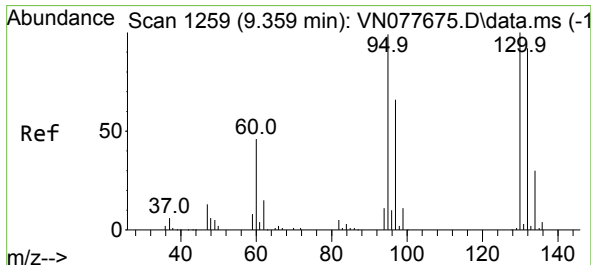
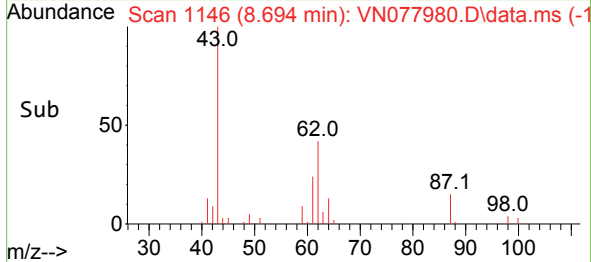
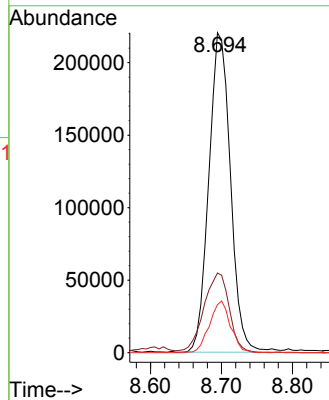
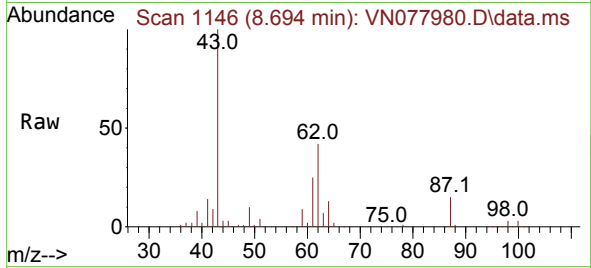




#43
Isopropyl Acetate
Concen: 52.694 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

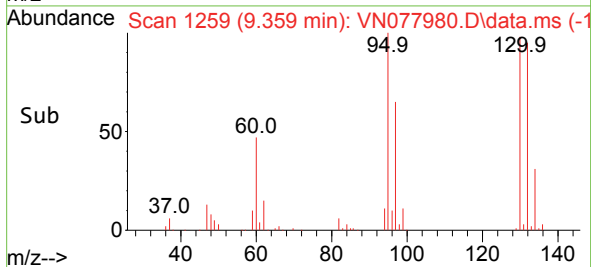
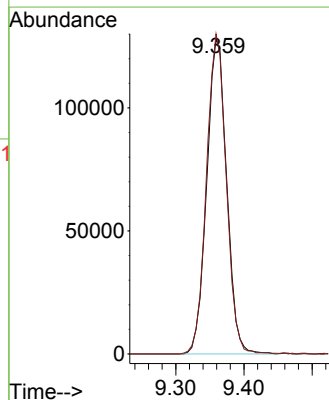
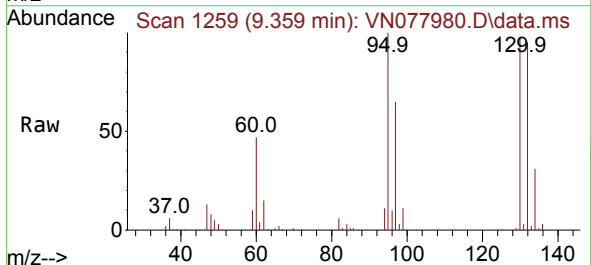
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

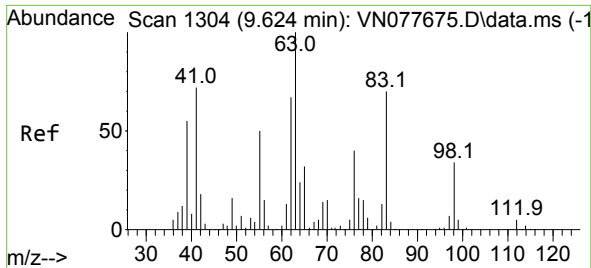
Tgt Ion: 43 Resp: 466410
Ion Ratio Lower Upper
43 100
61 29.2 24.7 37.1
87 15.7 14.6 21.8



#44
Trichloroethene
Concen: 57.522 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion:130 Resp: 261316
Ion Ratio Lower Upper
130 100
95 101.5 0.0 204.6

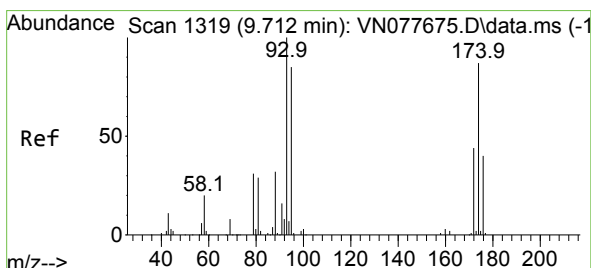
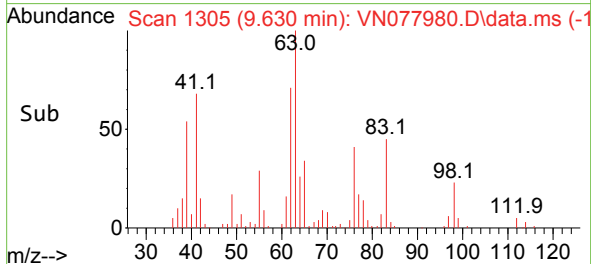
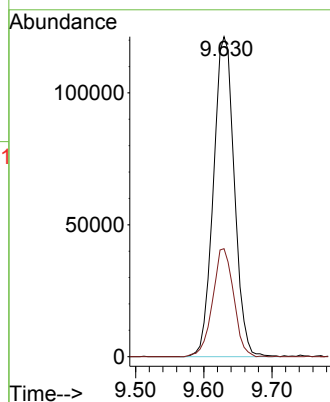
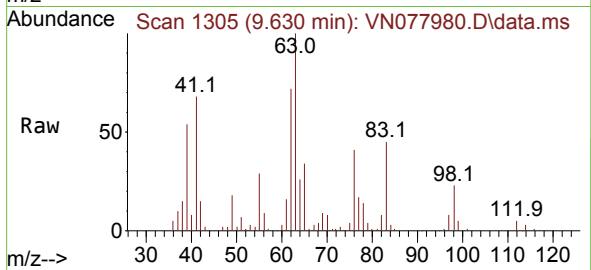




#45
1,2-Dichloropropane
Concen: 56.493 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

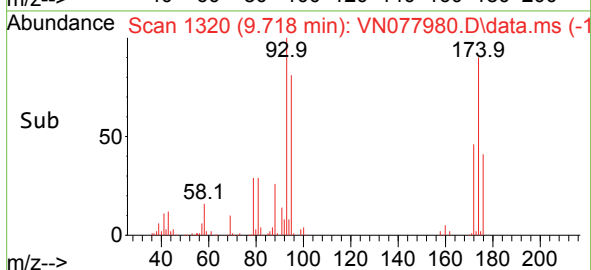
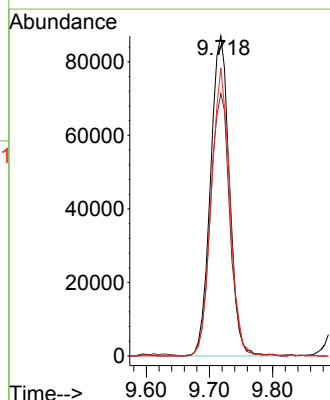
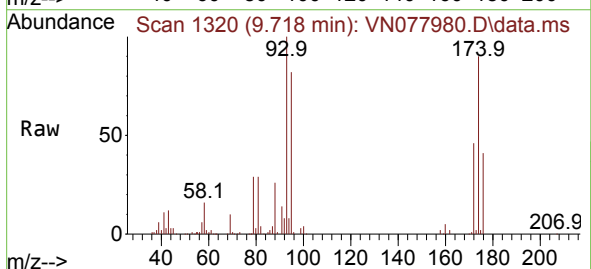
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

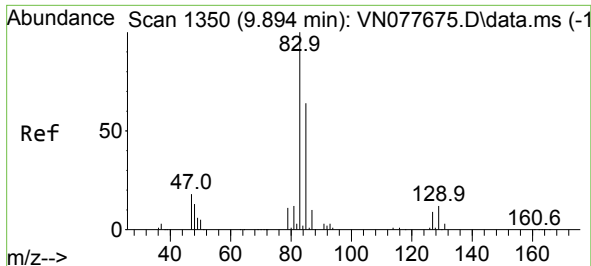
Tgt Ion: 63 Resp: 258532
Ion Ratio Lower Upper
63 100
65 33.8 23.9 35.9



#46
Dibromomethane
Concen: 55.387 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 93 Resp: 181374
Ion Ratio Lower Upper
93 100
95 83.3 63.8 95.8
174 88.0 65.6 98.4

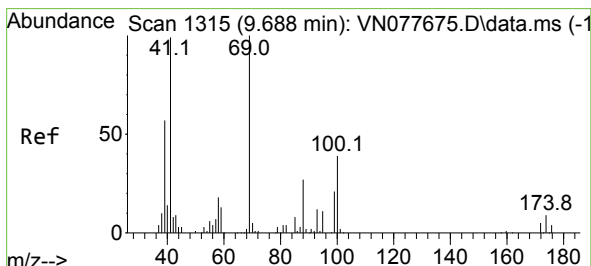
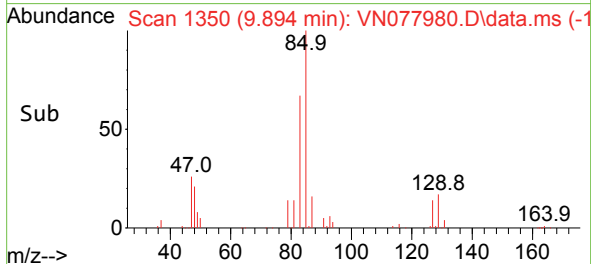
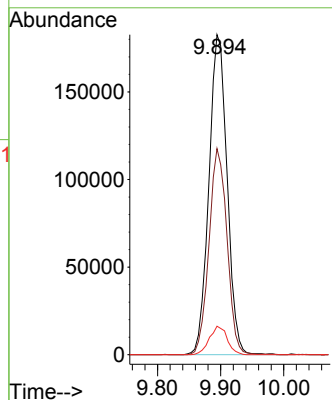
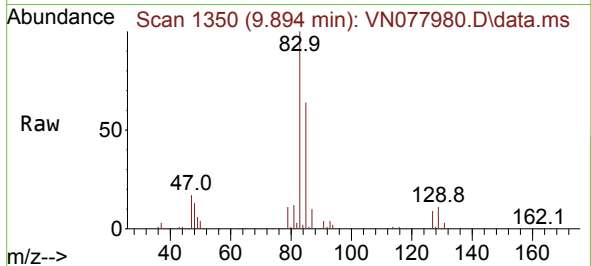




#47
Bromodichloromethane
Concen: 58.325 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

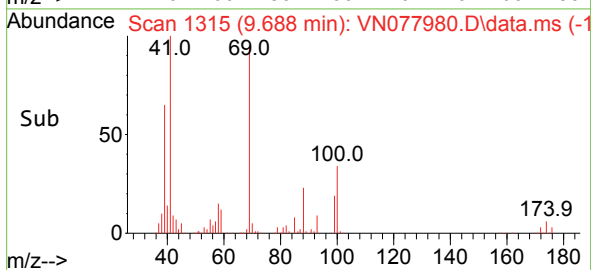
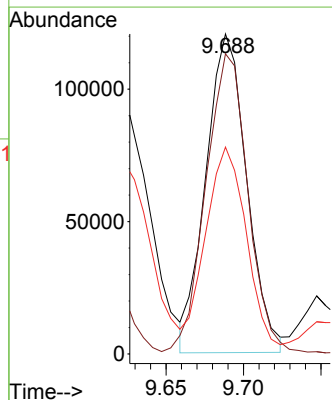
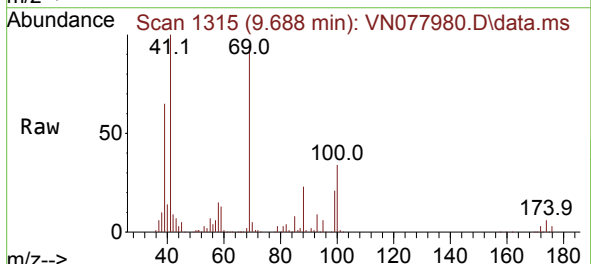
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

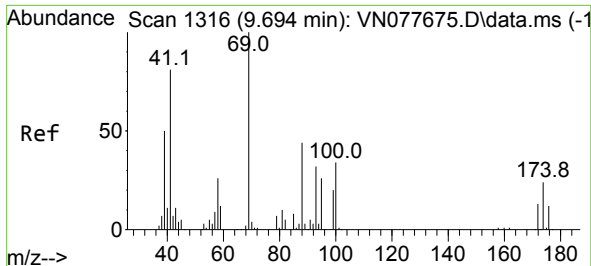
Tgt Ion: 83 Resp: 365662
Ion Ratio Lower Upper
83 100
85 64.4 49.6 74.4
127 8.9 7.0 10.6



#48
Methyl methacrylate
Concen: 52.630 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 41 Resp: 220867
Ion Ratio Lower Upper
41 100
69 97.0 90.4 135.6
39 65.7 54.6 81.8





#49

1,4-Dioxane

Concen: 1229.827 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

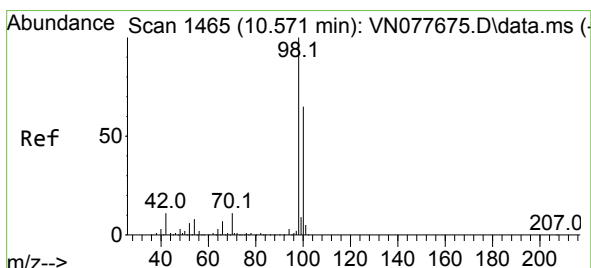
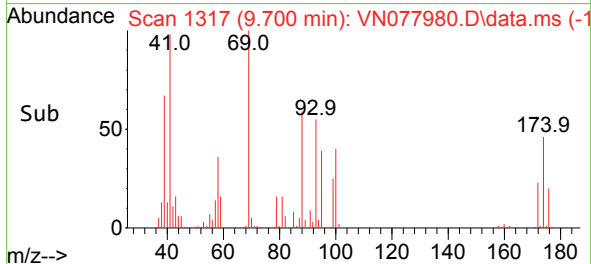
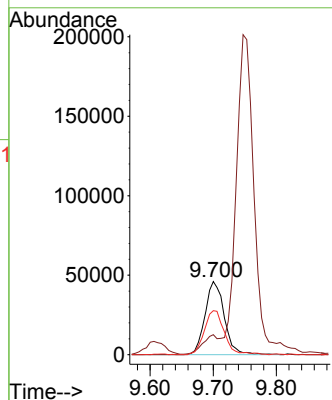
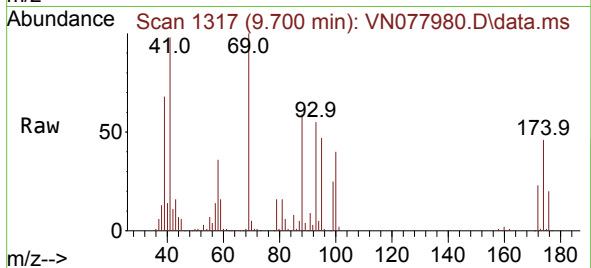
Tgt Ion: 88 Resp: 97479

Ion Ratio Lower Upper

88 100

43 19.7 17.0 25.6

58 62.7 47.0 70.4



#50

Toluene-d8

Concen: 53.186 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN077980.D

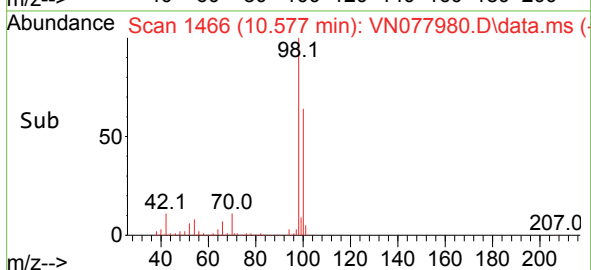
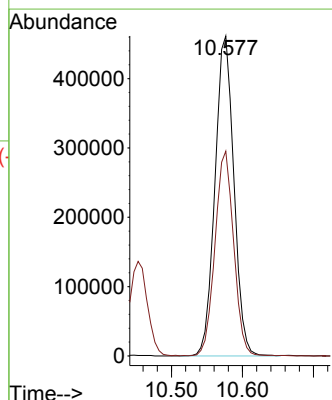
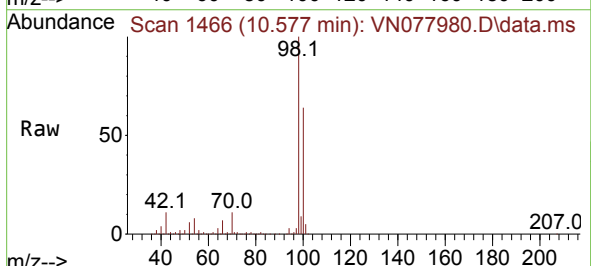
Acq: 30 May 2023 19:27

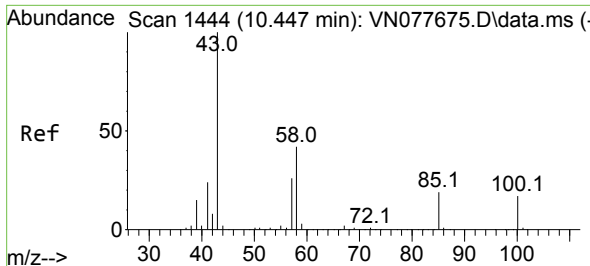
Tgt Ion: 98 Resp: 850947

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0

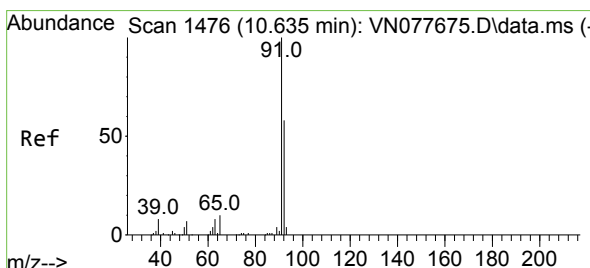
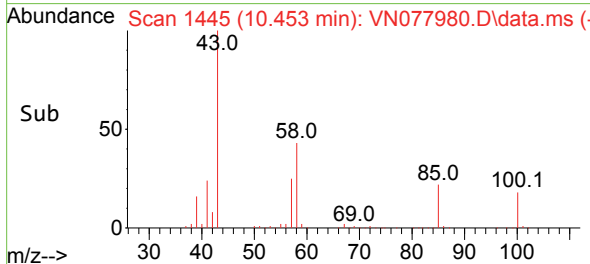
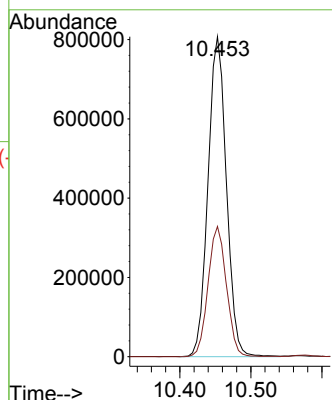
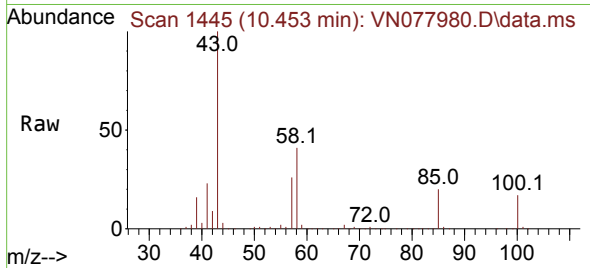




#51
4-Methyl-2-Pentanone
Concen: 275.767 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

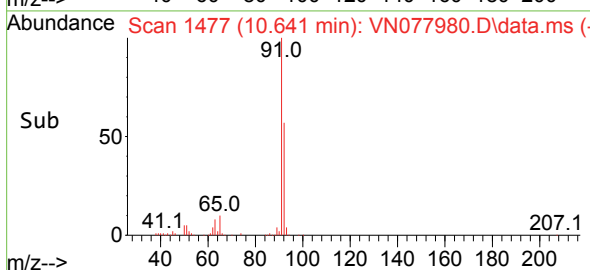
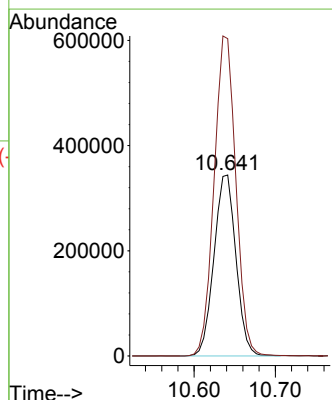
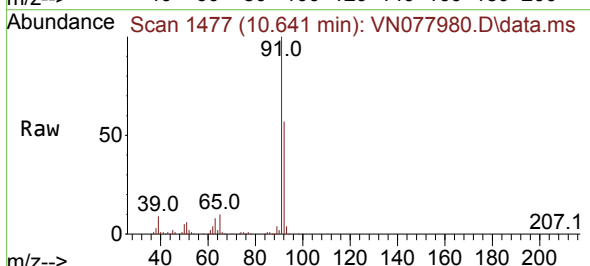
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

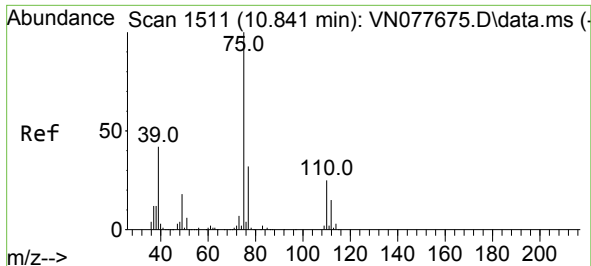
Tgt Ion: 43 Resp: 1450908
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8



#52
Toluene
Concen: 57.995 ug/l
RT: 10.641 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 92 Resp: 647761
Ion Ratio Lower Upper
92 100
91 175.2 137.4 206.0

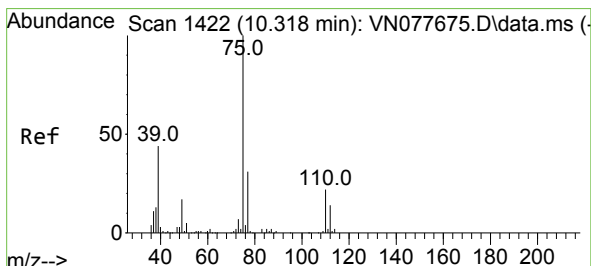
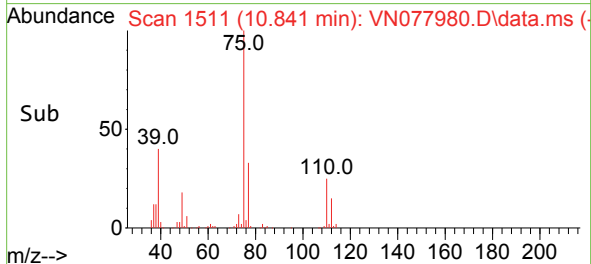
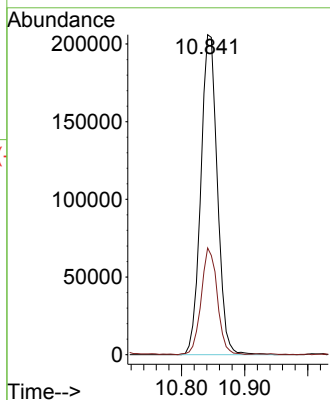
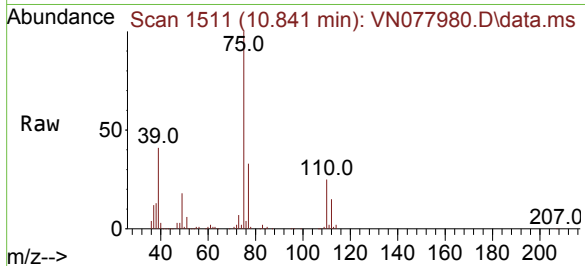




#53
t-1,3-Dichloropropene
Concen: 56.326 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

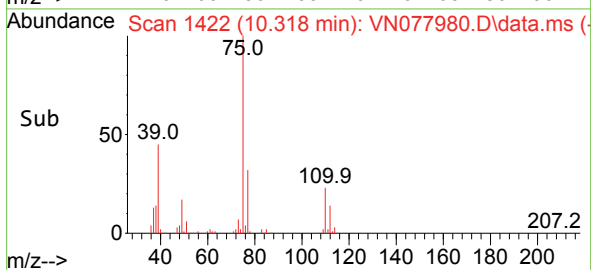
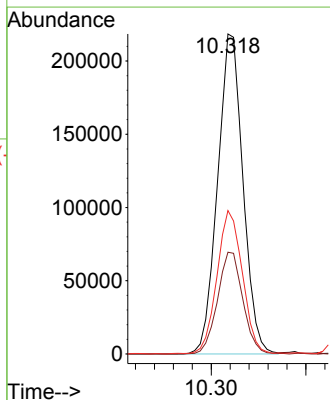
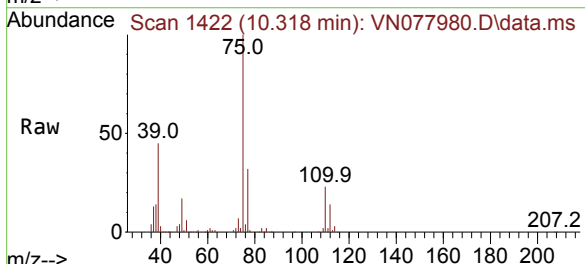
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

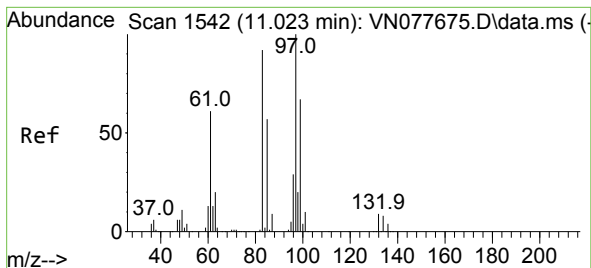
Tgt Ion: 75 Resp: 373952
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 55.591 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 75 Resp: 406718
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 44.6 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 56.421 ug/l

RT: 11.024 min Scan# 1542

Delta R.T. 0.001 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

Tgt Ion: 97 Resp: 250221

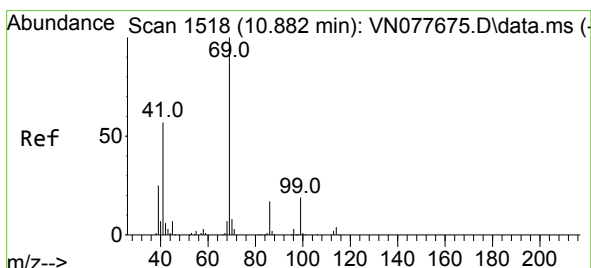
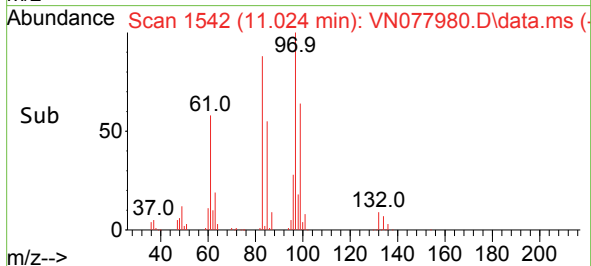
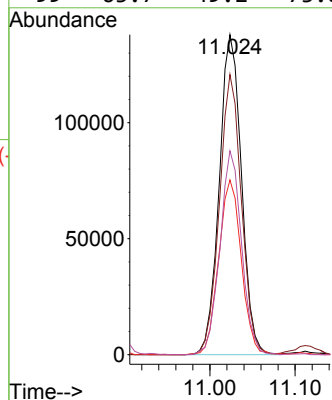
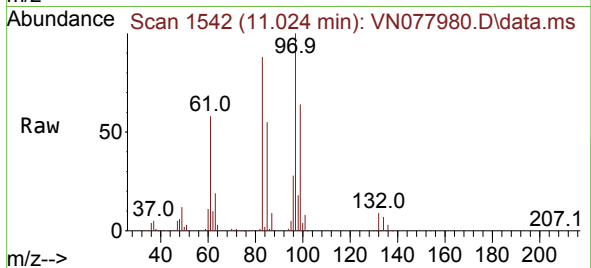
Ion Ratio Lower Upper

97 100

83 87.5 65.1 97.7

85 54.6 43.4 65.2

99 63.7 49.2 73.8



#56

Ethyl methacrylate

Concen: 56.178 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

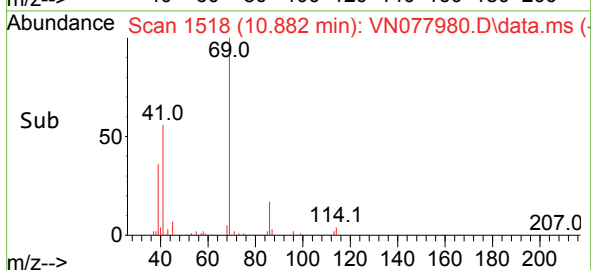
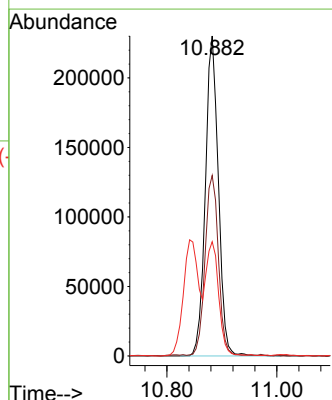
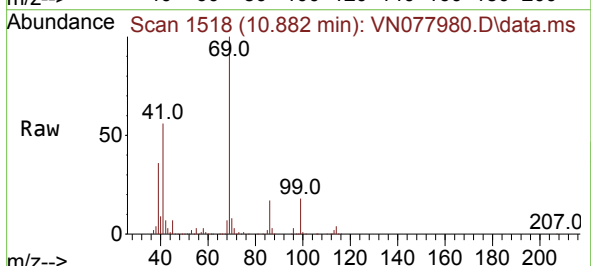
Tgt Ion: 69 Resp: 376703

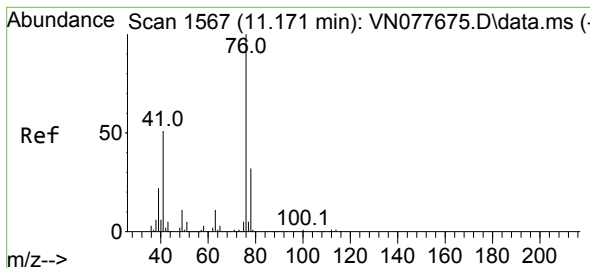
Ion Ratio Lower Upper

69 100

41 57.5 39.6 59.4

39 34.2 28.6 43.0





#57

1,3-Dichloropropane

Concen: 56.375 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

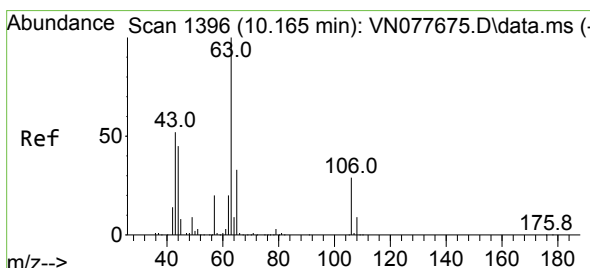
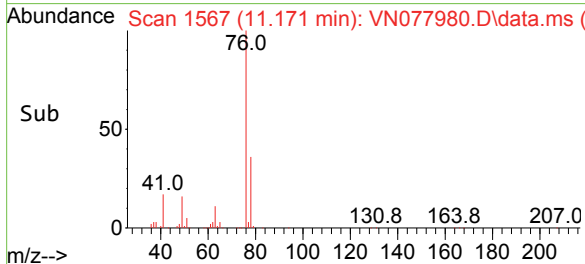
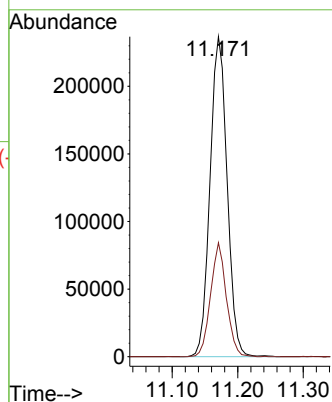
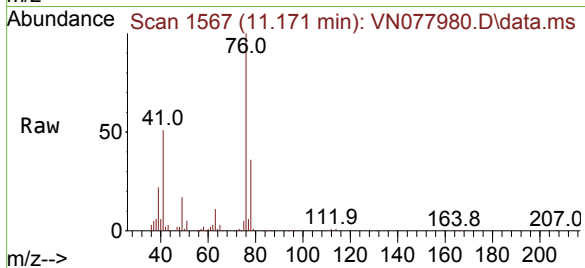
MW33S-20230523MS

Tgt Ion: 76 Resp: 428612

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 206.278 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077980.D

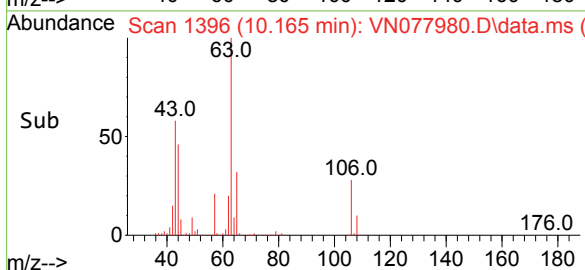
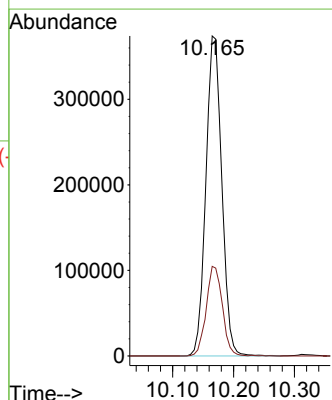
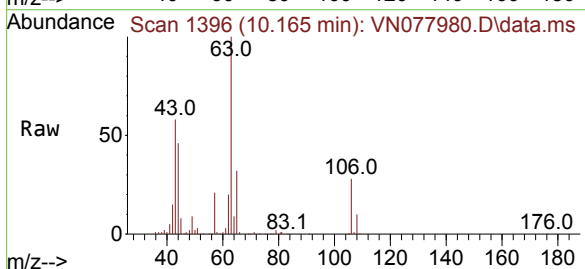
Acq: 30 May 2023 19:27

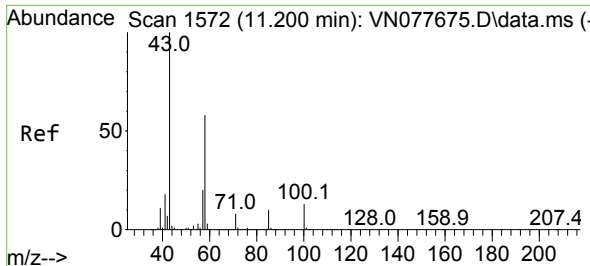
Tgt Ion: 63 Resp: 680485

Ion Ratio Lower Upper

63 100

106 28.3 26.2 39.4

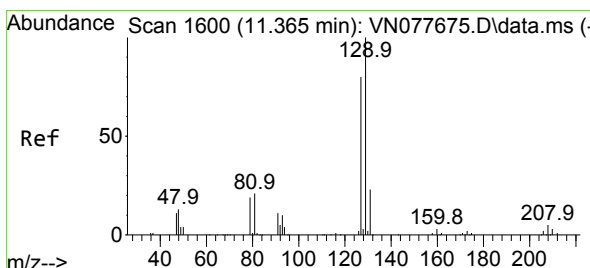
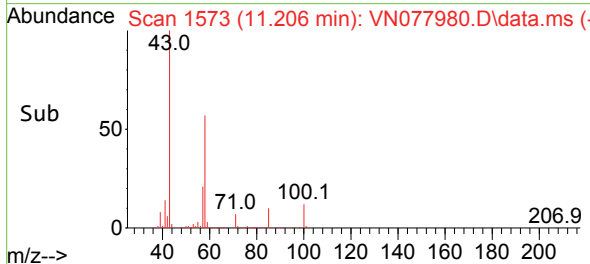
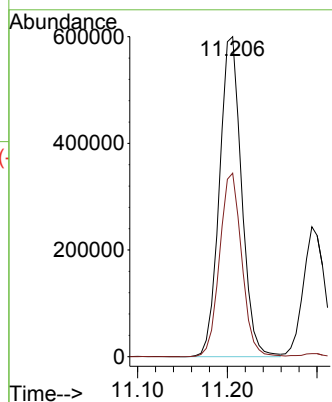
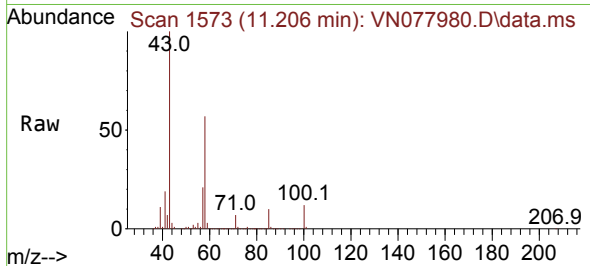




#59
2-Hexanone
Concen: 264.085 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

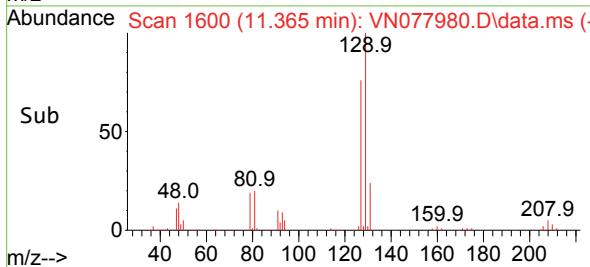
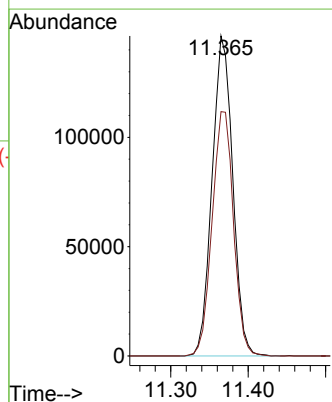
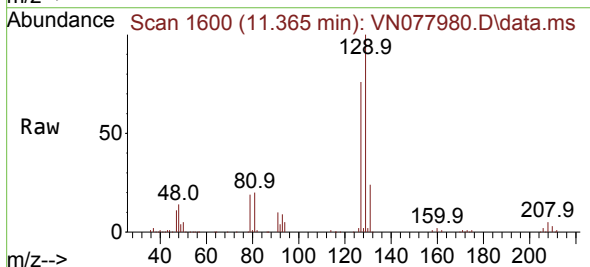
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

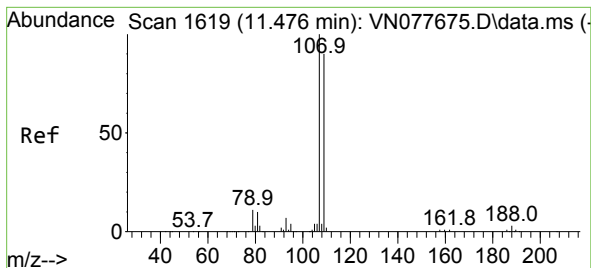
Tgt Ion: 43 Resp: 1027713
Ion Ratio Lower Upper
43 100
58 57.3 31.7 95.1



#60
Dibromochloromethane
Concen: 59.196 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 129 Resp: 271021
Ion Ratio Lower Upper
129 100
127 79.1 38.6 116.0

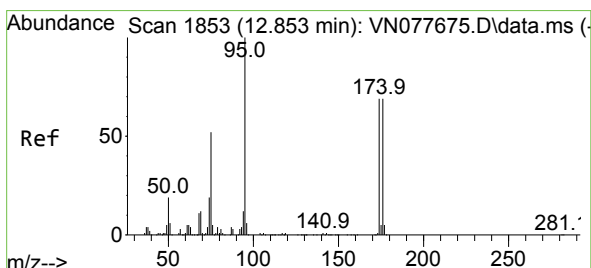
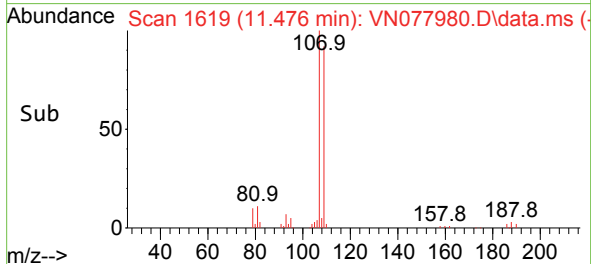
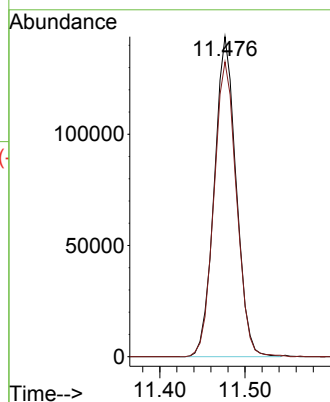
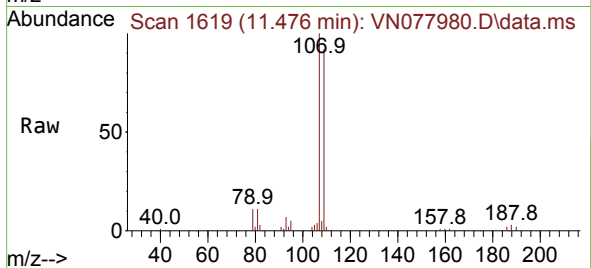




#61
1,2-Dibromoethane
Concen: 57.918 ug/l
RT: 11.476 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

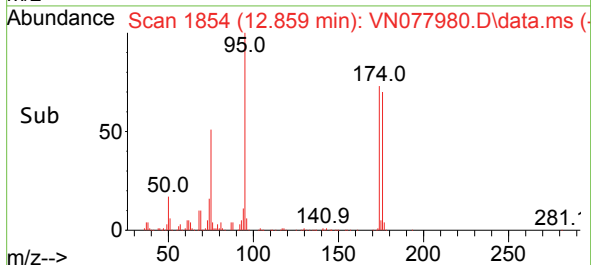
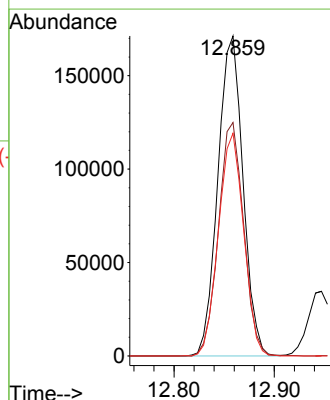
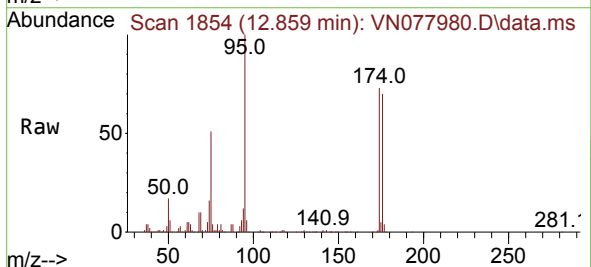
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

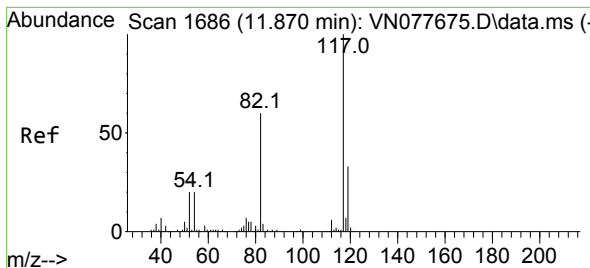
Tgt Ion:107 Resp: 256251
Ion Ratio Lower Upper
107 100
109 95.2 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.655 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 95 Resp: 297536
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 69.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

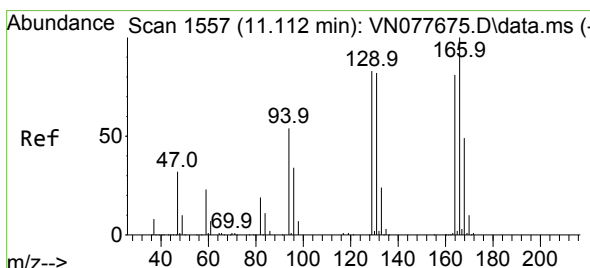
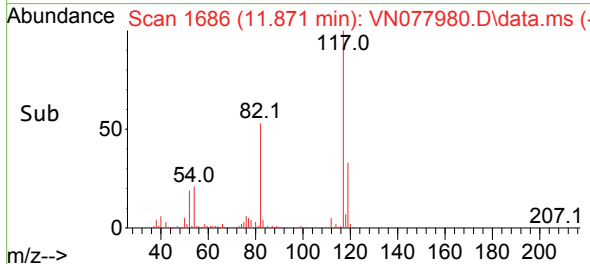
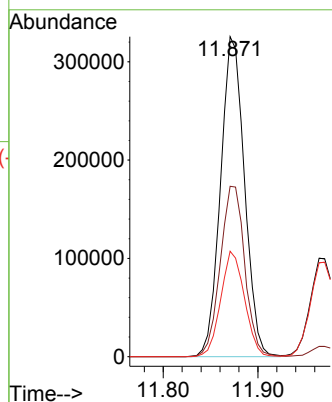
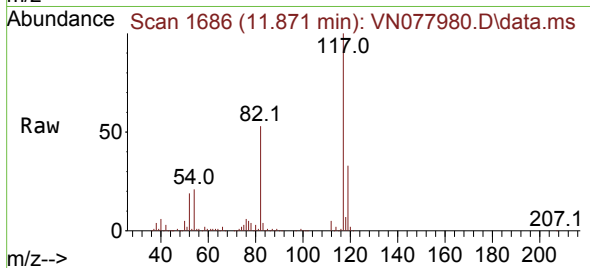
Tgt Ion:117 Resp: 572162

Ion Ratio Lower Upper

117 100

82 53.3 44.0 66.0

119 33.0 25.6 38.4



#64

Tetrachloroethene

Concen: 60.306 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Tgt Ion:164 Resp: 241302

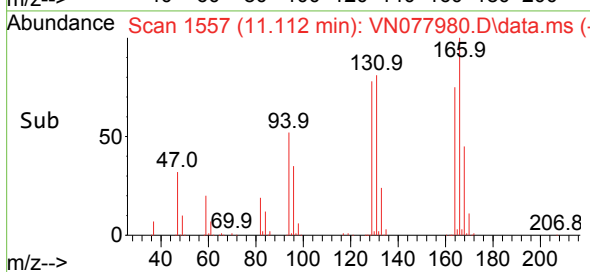
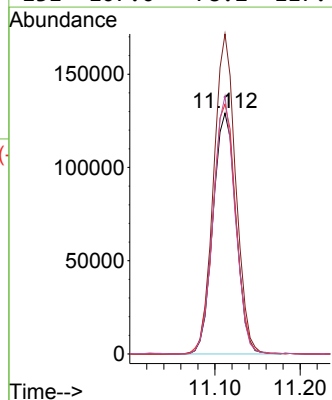
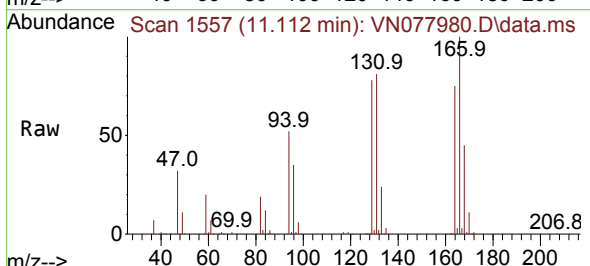
Ion Ratio Lower Upper

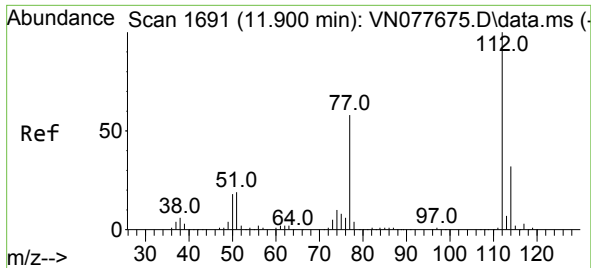
164 100

166 132.9 101.4 152.0

129 103.6 82.4 123.6

131 107.0 78.2 117.4

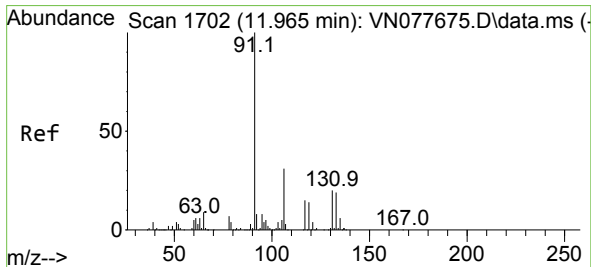
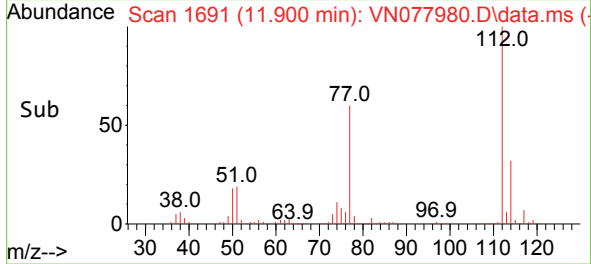
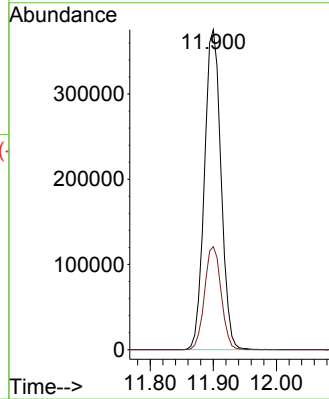
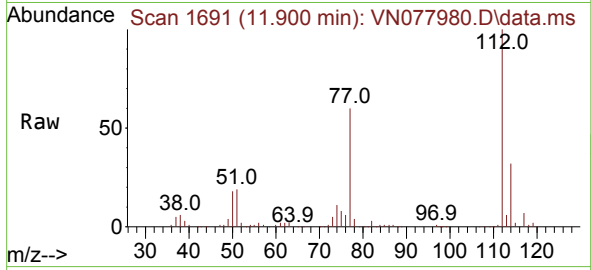




#65
Chlorobenzene
Concen: 55.205 ug/l
RT: 11.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

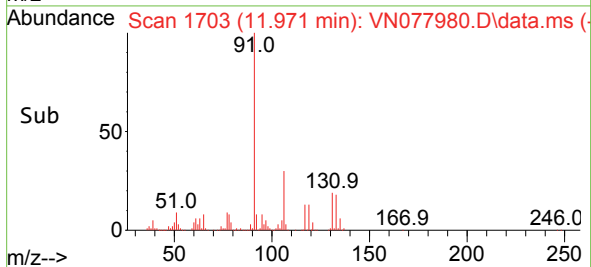
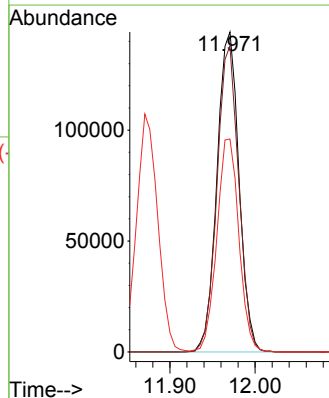
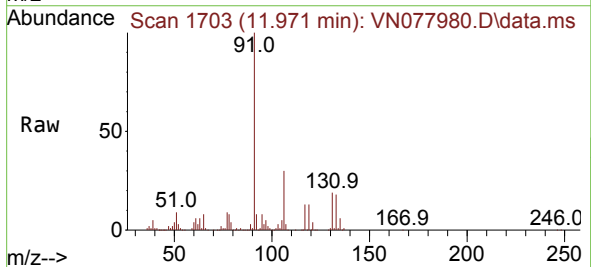
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

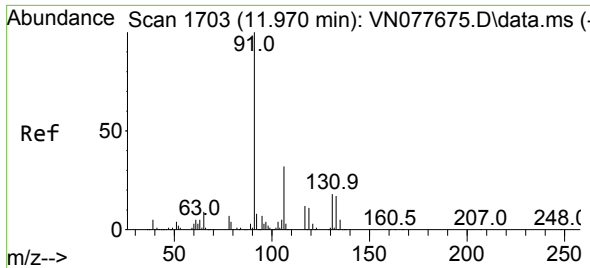
Tgt Ion:112 Resp: 684748
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 60.313 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion:131 Resp: 258854
Ion Ratio Lower Upper
131 100
133 94.6 46.4 139.1
119 66.9 34.1 102.2





#67

Ethyl Benzene

Concen: 56.453 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.001 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

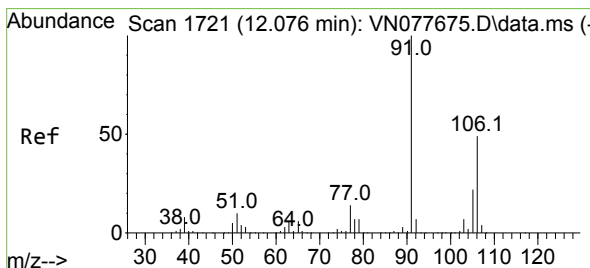
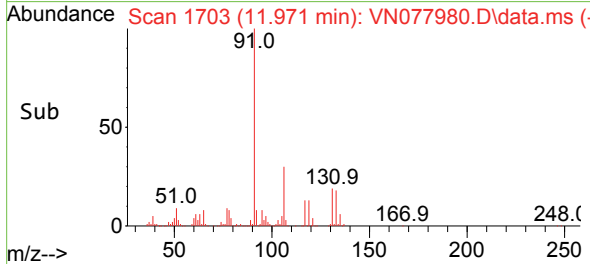
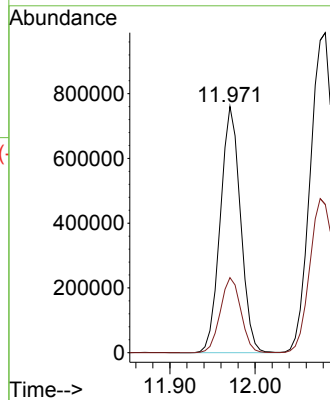
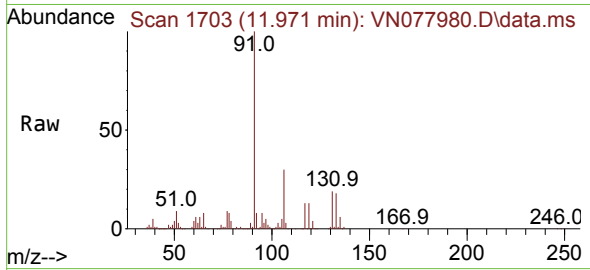
MW33S-20230523MS

Tgt Ion: 91 Resp: 1254853

Ion Ratio Lower Upper

91 100

106 30.5 25.6 38.4



#68

m/p-Xylenes

Concen: 113.584 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN077980.D

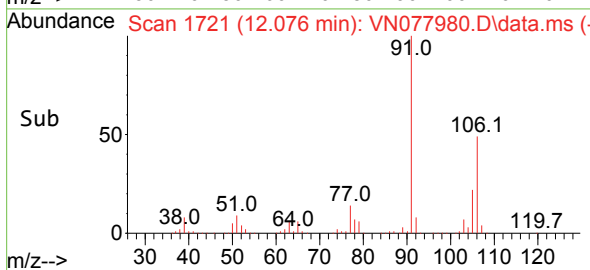
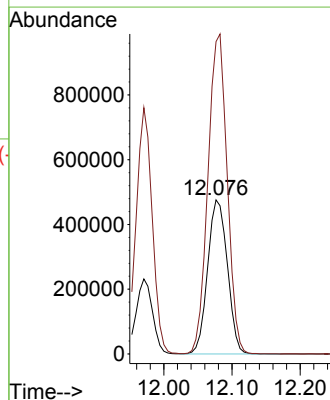
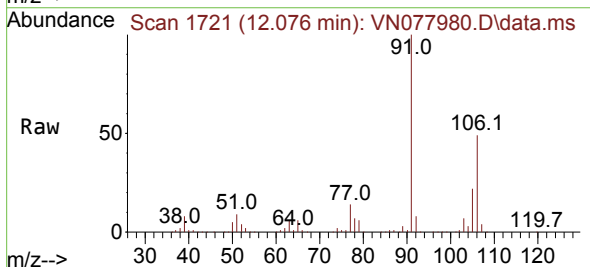
Acq: 30 May 2023 19:27

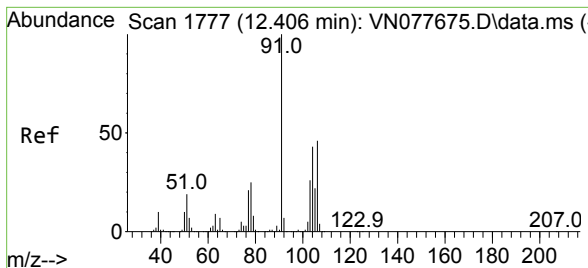
Tgt Ion:106 Resp: 956662

Ion Ratio Lower Upper

106 100

91 202.8 159.6 239.4

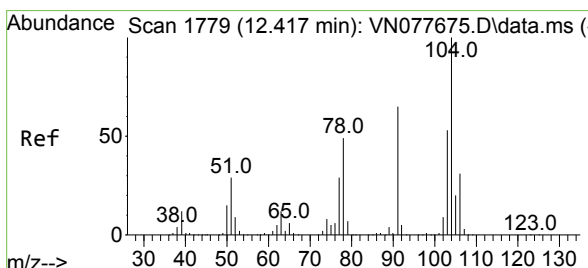
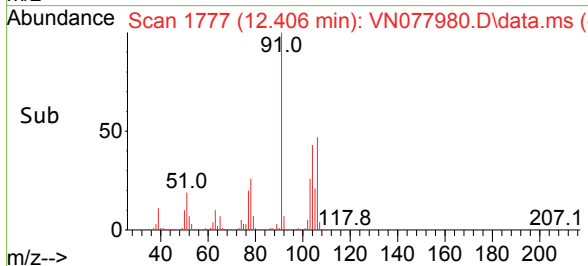
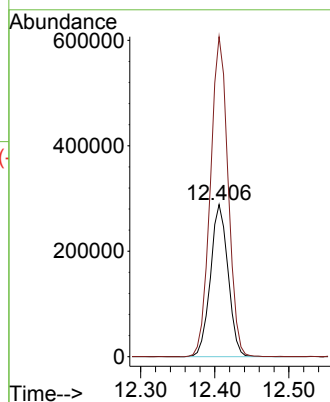
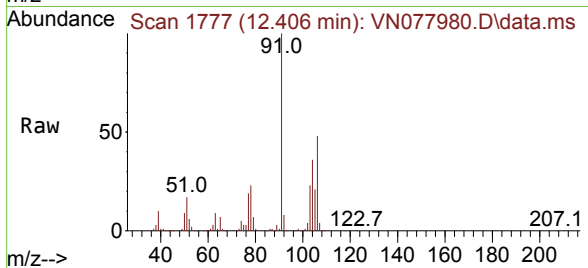




#69
o-Xylene
Concen: 57.384 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

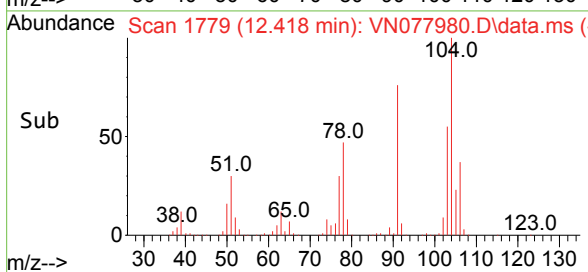
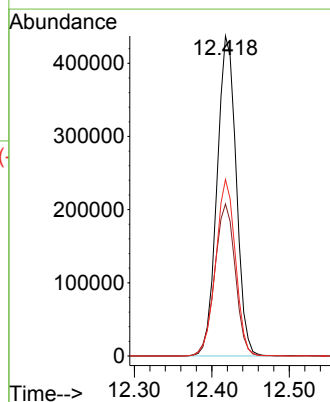
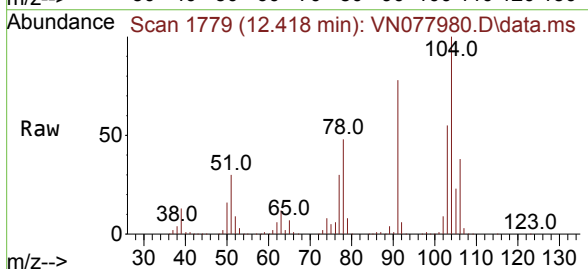
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

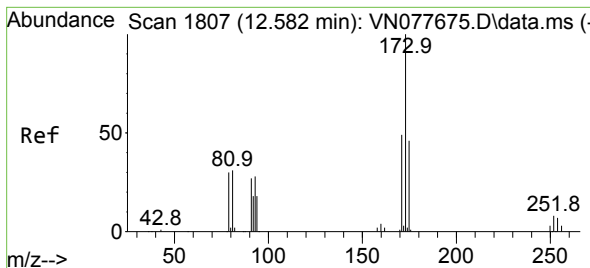
Tgt Ion:106 Resp: 475317
Ion Ratio Lower Upper
106 100
91 211.9 105.2 315.5



#70
Styrene
Concen: 57.194 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion:104 Resp: 752574
Ion Ratio Lower Upper
104 100
78 50.9 39.5 59.3
103 56.7 43.2 64.8





#71

Bromoform

Concen: 61.148 ug/l

RT: 12.588 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

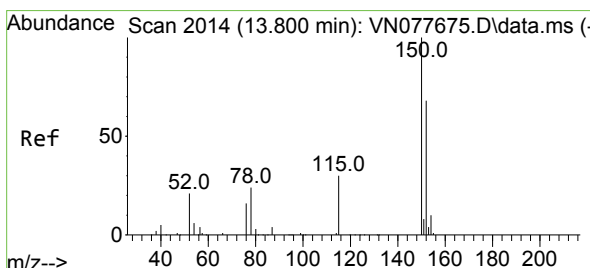
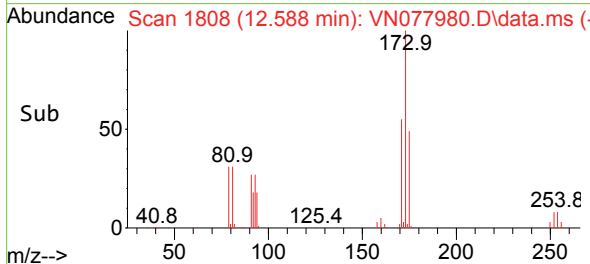
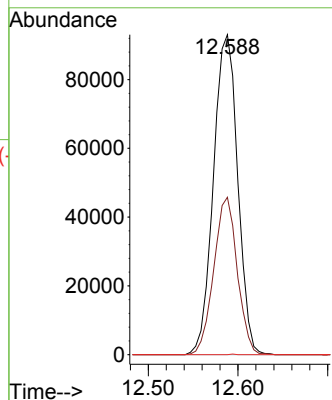
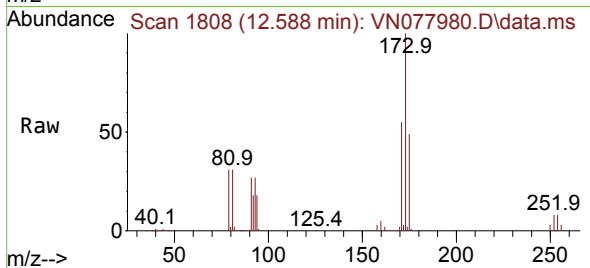
Tgt Ion:173 Resp: 174583

Ion Ratio Lower Upper

173 100

175 47.7 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: VN077980.D

Acq: 30 May 2023 19:27

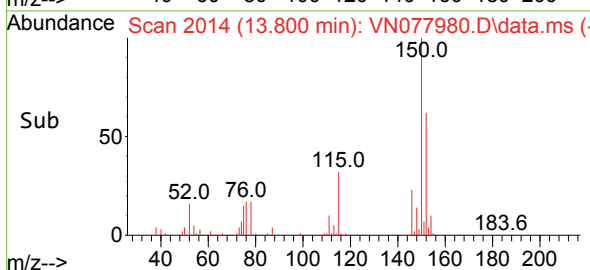
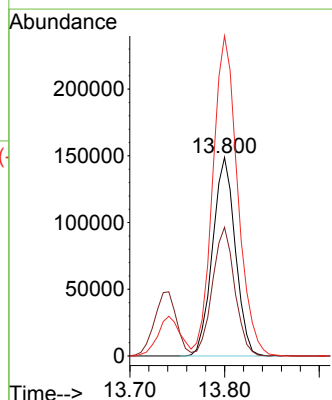
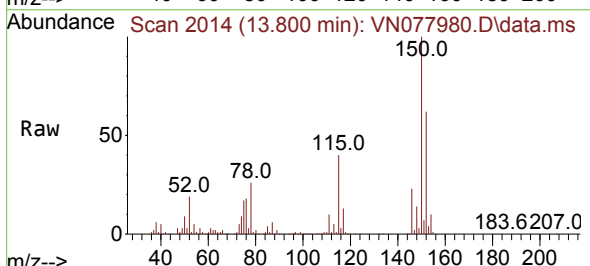
Tgt Ion:152 Resp: 247729

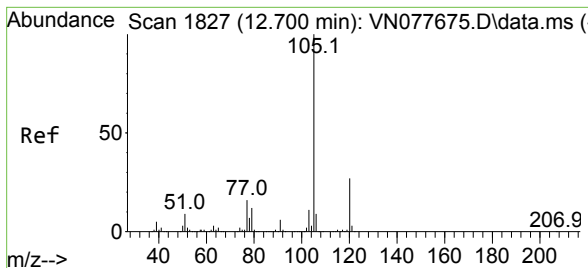
Ion Ratio Lower Upper

152 100

115 63.6 32.3 96.8

150 176.4 0.0 355.8





#73

Isopropylbenzene

Concen: 56.546 ug/l

RT: 12.706 min Scan# 1827

Delta R.T. 0.006 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

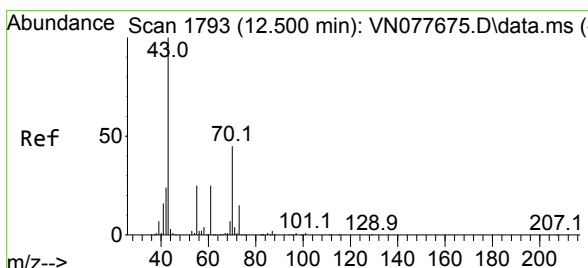
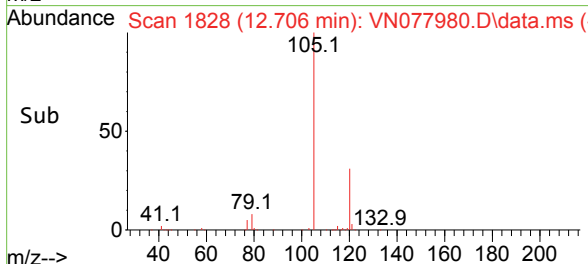
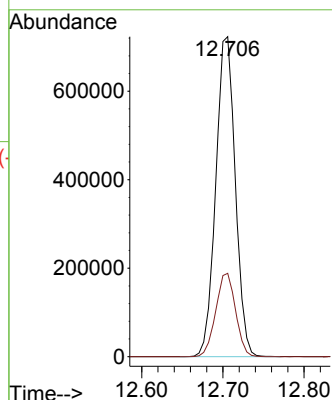
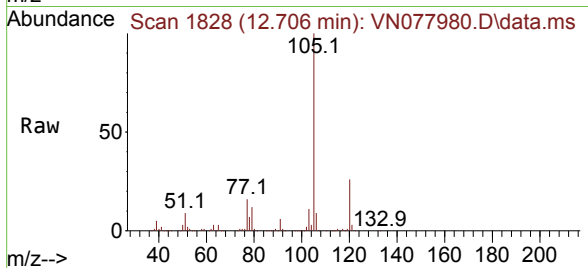
MW33S-20230523MS

Tgt Ion:105 Resp: 1207491

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.1



#74

N-ethyl acetate

Concen: 49.015 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Tgt Ion: 43 Resp: 386883

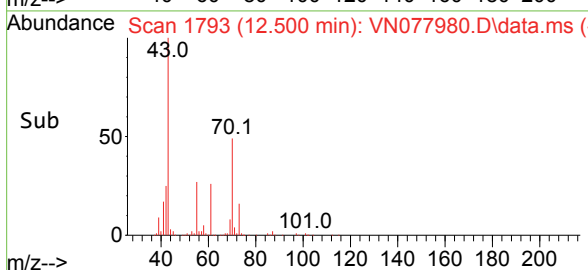
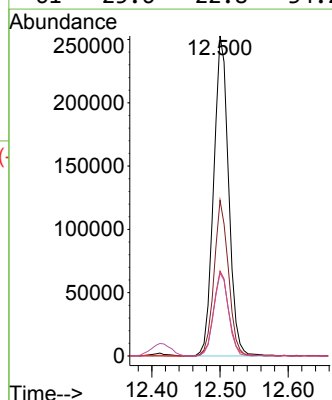
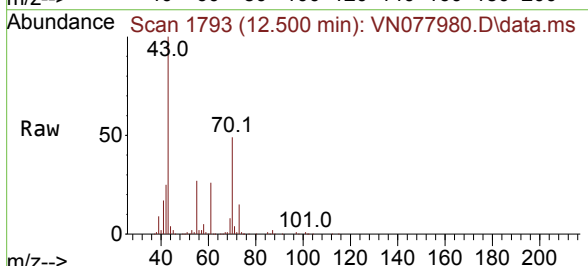
Ion Ratio Lower Upper

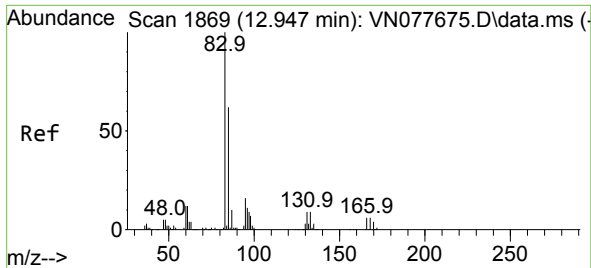
43 100

70 46.6 43.4 65.2

55 26.7 21.4 32.0

61 25.6 22.8 34.2

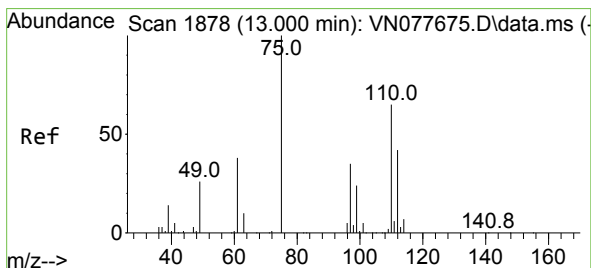
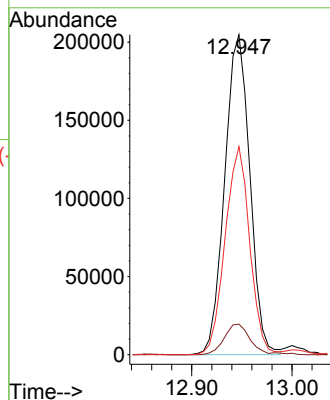
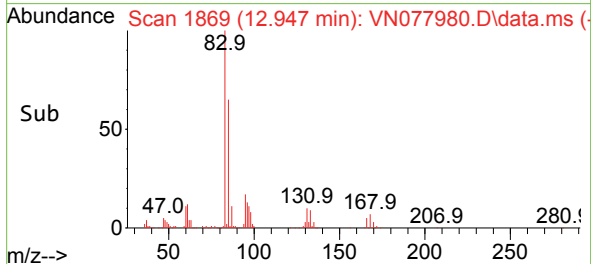
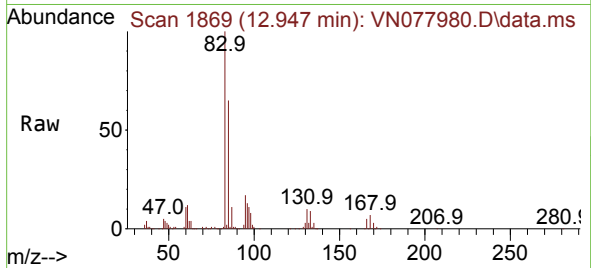




#75
1,1,2,2-Tetrachloroethane
Concen: 54.223 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

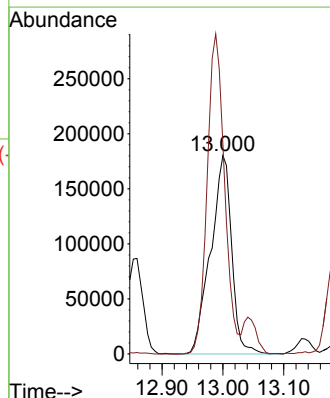
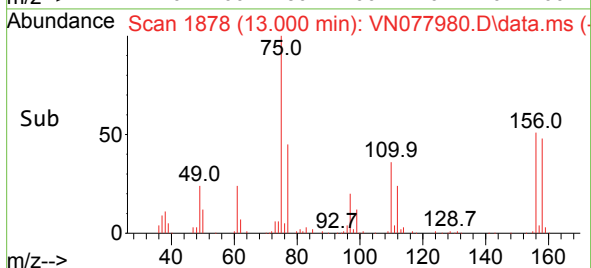
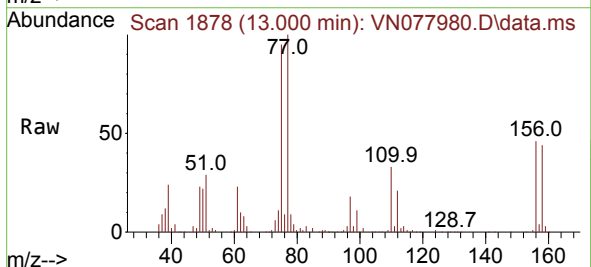
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

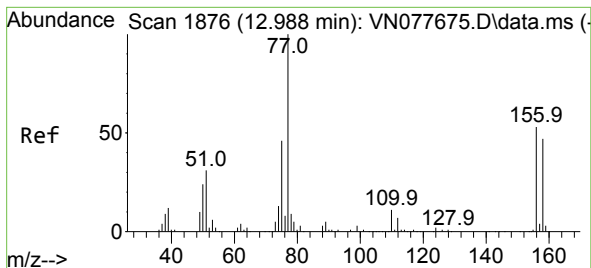
Tgt Ion: 83 Resp: 356211
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 63.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 69.672 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 75 Resp: 432245
Ion Ratio Lower Upper
75 100
77 134.0 84.5 253.5





#77

Bromobenzene

Concen: 54.562 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

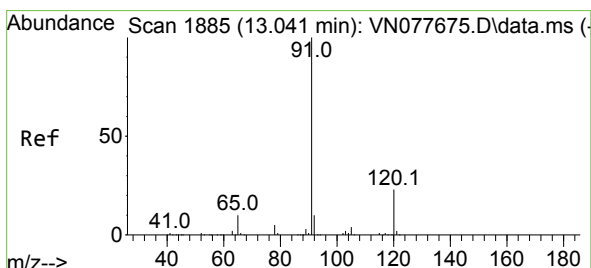
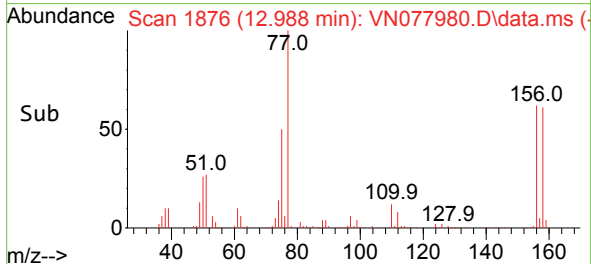
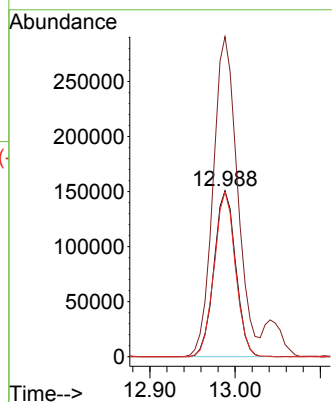
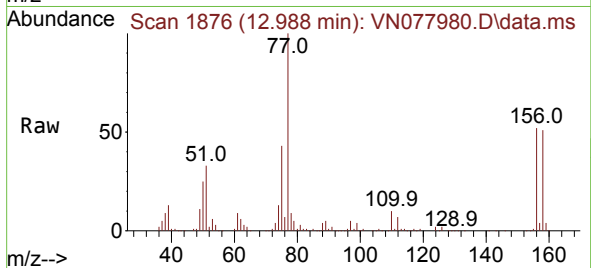
Tgt Ion:156 Resp: 265894

Ion Ratio Lower Upper

156 100

77 217.8 107.7 323.3

158 97.6 48.4 145.3



#78

n-propylbenzene

Concen: 55.490 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN077980.D

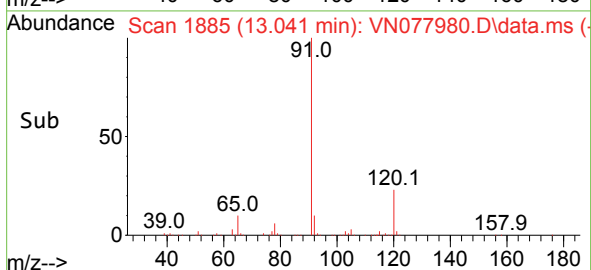
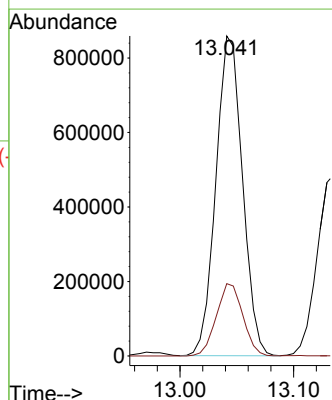
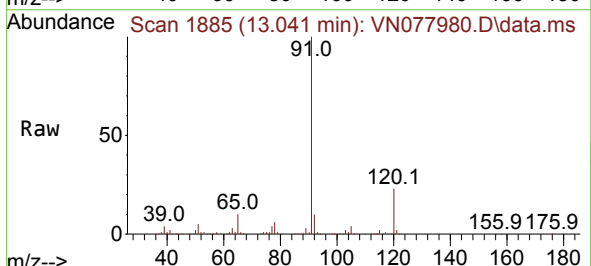
Acq: 30 May 2023 19:27

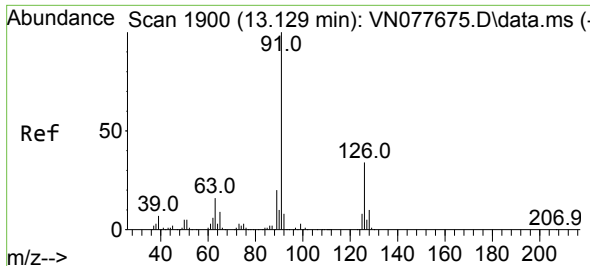
Tgt Ion: 91 Resp: 1396976

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

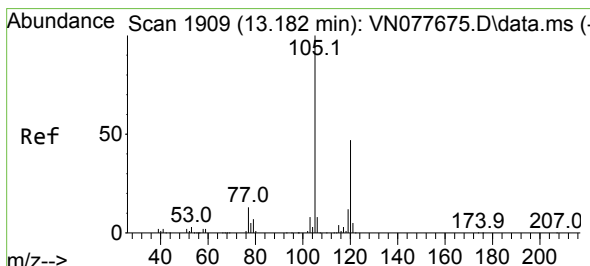
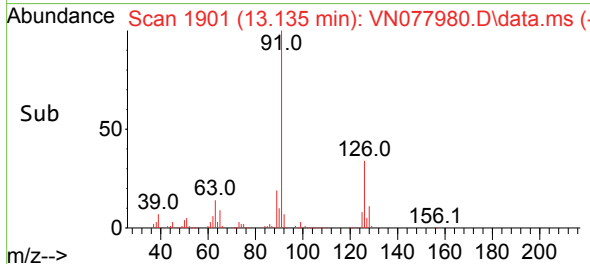
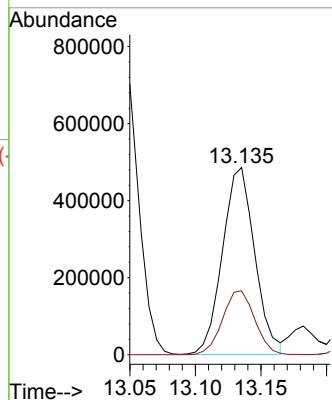
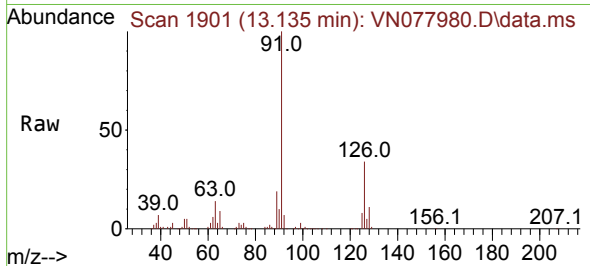




#79
2-Chlorotoluene
Concen: 55.426 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

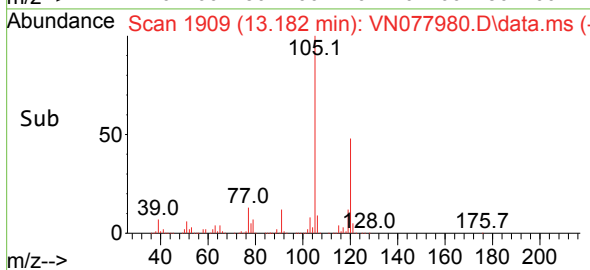
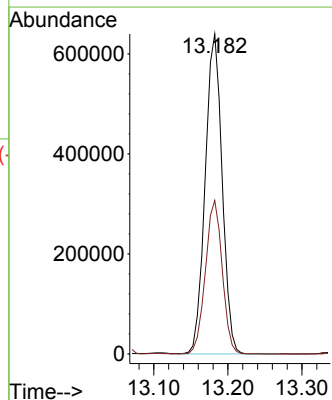
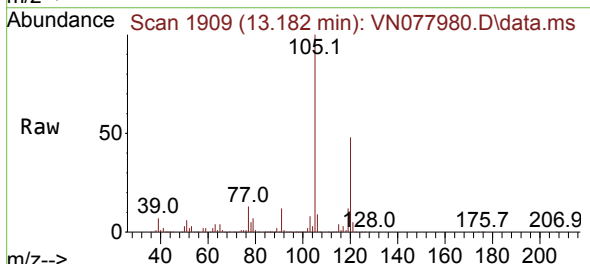
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

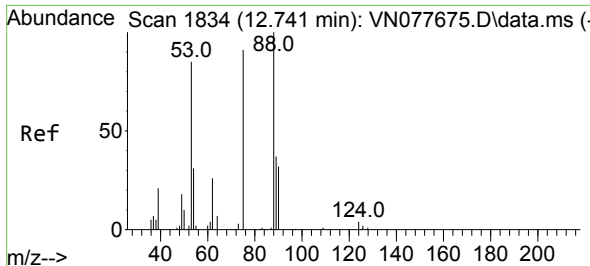
Tgt Ion: 91 Resp: 832637
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 56.767 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 105 Resp: 1018823
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.3

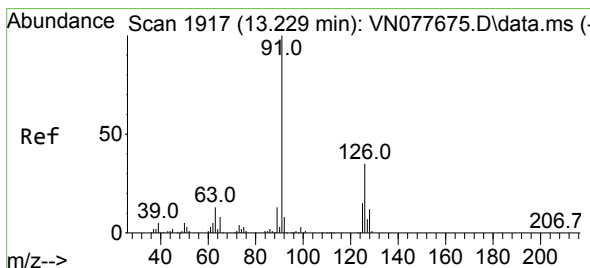
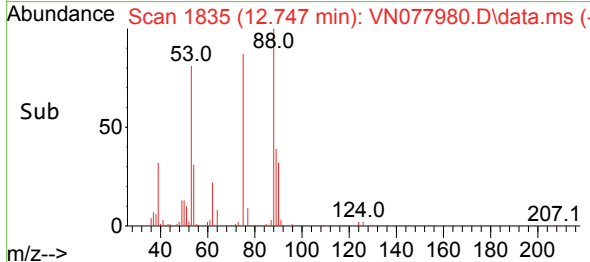
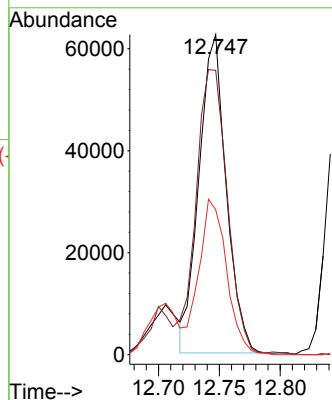
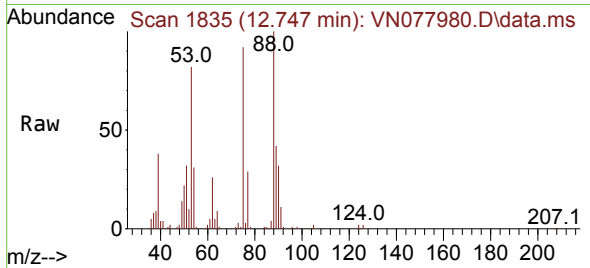




#81
trans-1,4-Dichloro-2-butene
Concen: 49.947 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

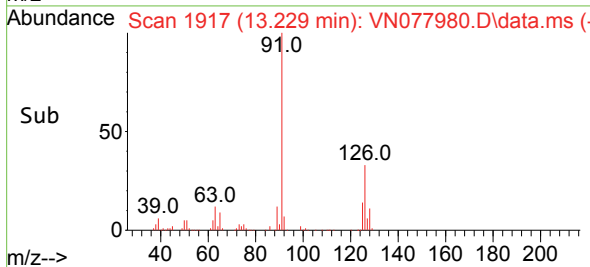
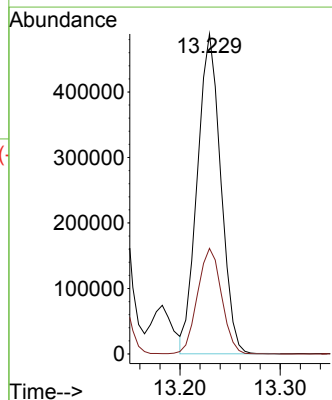
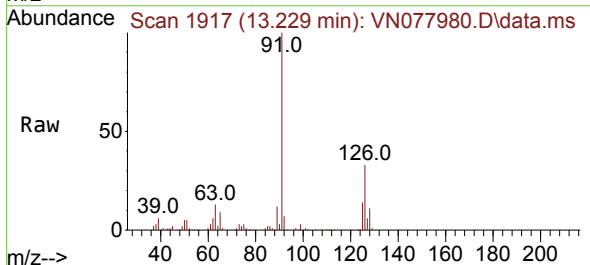
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

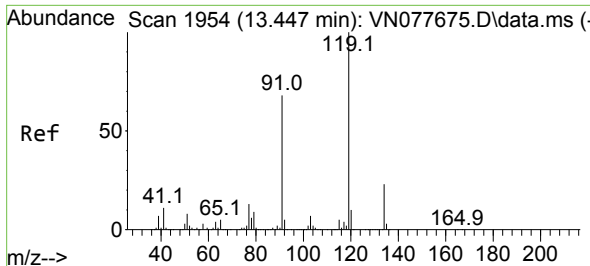
Tgt Ion: 75 Resp: 96941
Ion Ratio Lower Upper
75 100
53 103.0 67.4 101.2#
89 50.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 53.216 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion: 91 Resp: 795420
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0

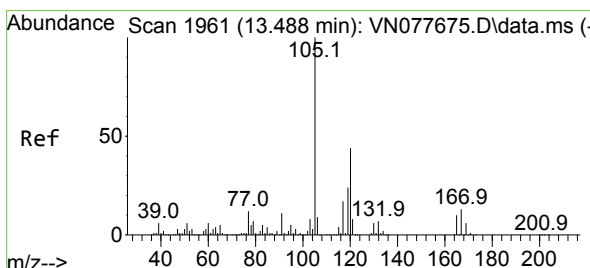
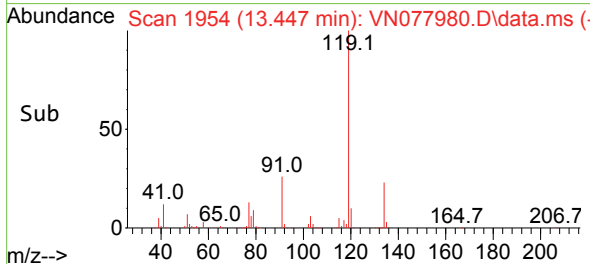
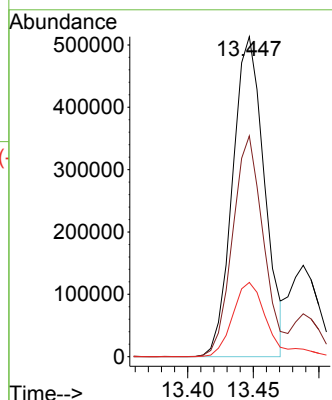
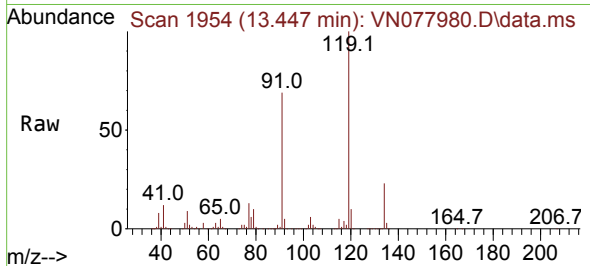




#83
tert-Butylbenzene
Concen: 55.332 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

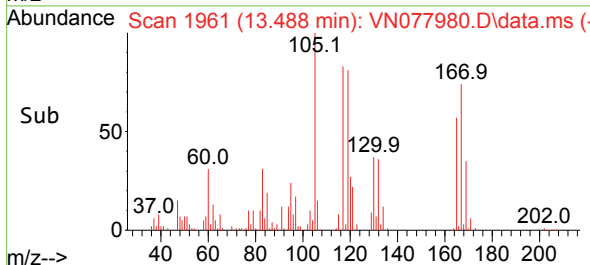
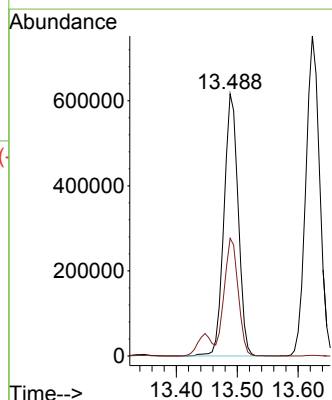
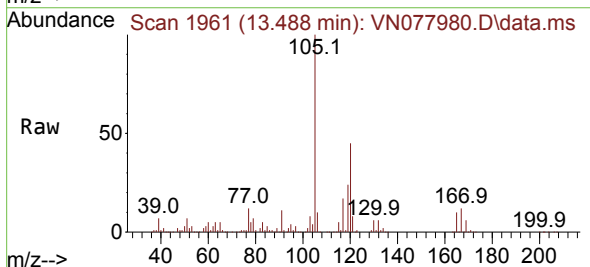
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MS

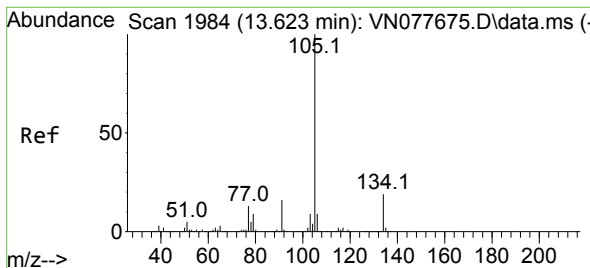
Tgt Ion:119 Resp: 866948
Ion Ratio Lower Upper
119 100
91 67.4 33.9 101.7
134 25.5 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 56.741 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077980.D
Acq: 30 May 2023 19:27

Tgt Ion:105 Resp: 1001532
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0





#85

sec-Butylbenzene

Concen: 53.162 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

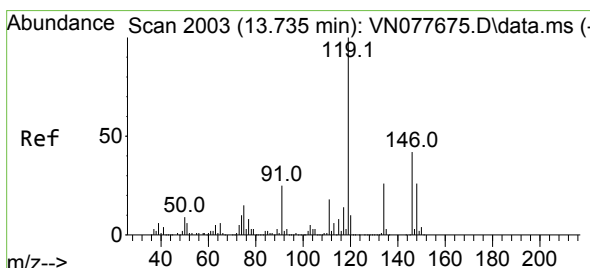
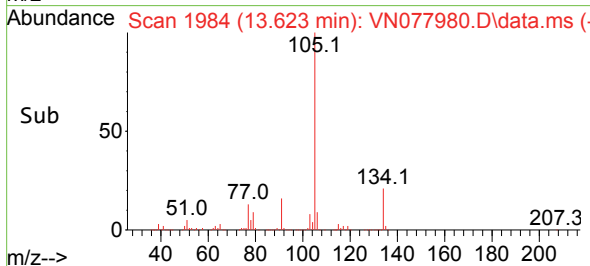
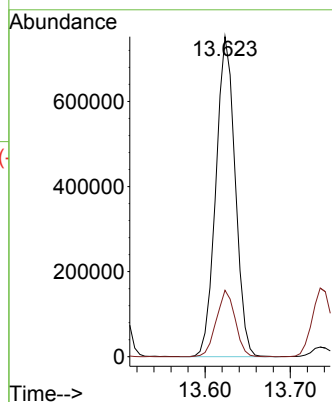
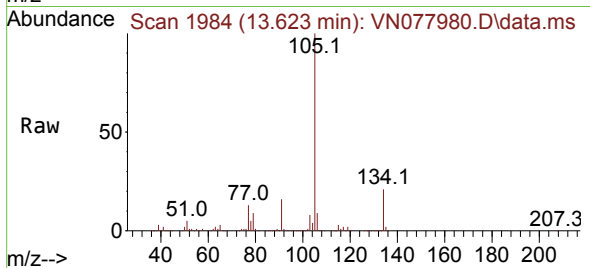
MW33S-20230523MS

Tgt Ion:105 Resp: 1183767

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 55.919 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

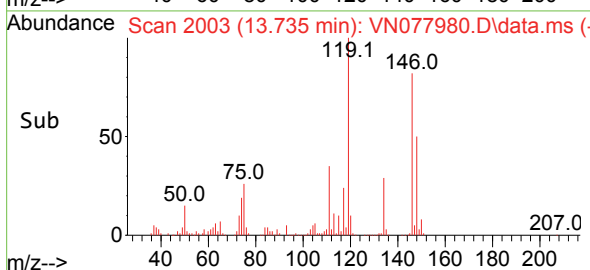
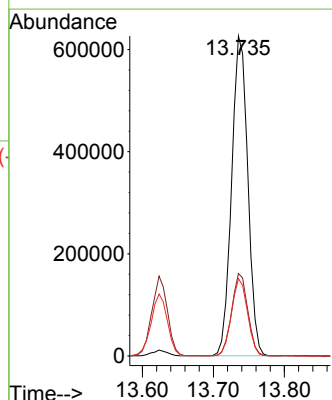
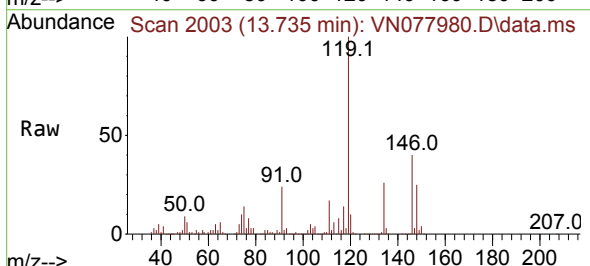
Tgt Ion:119 Resp: 992673

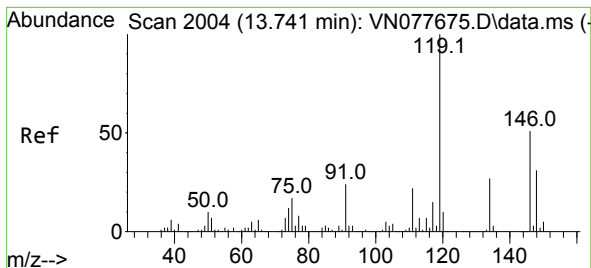
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

91 23.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 53.310 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

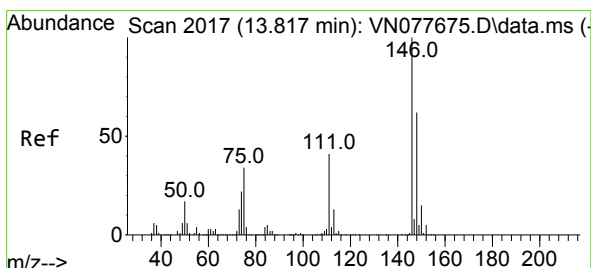
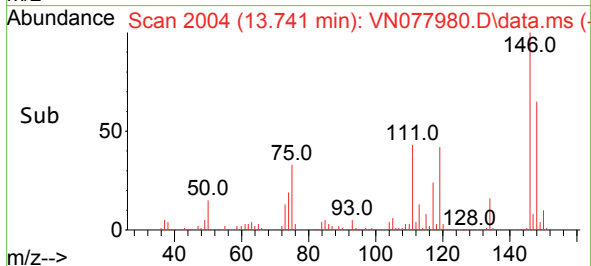
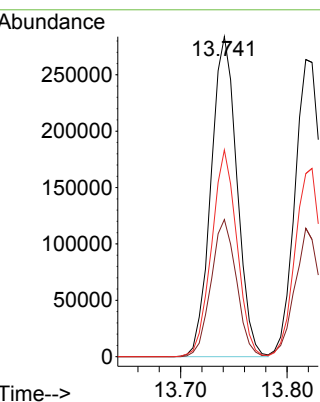
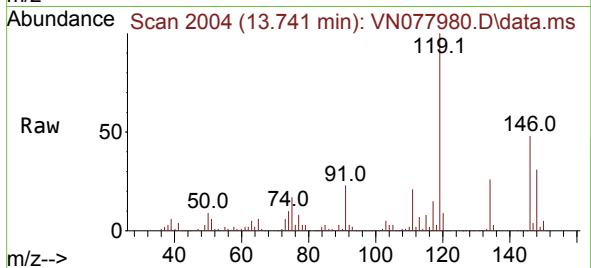
Tgt Ion:146 Resp: 480442

Ion Ratio Lower Upper

146 100

111 41.7 22.1 66.3

148 62.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 51.080 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.001 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

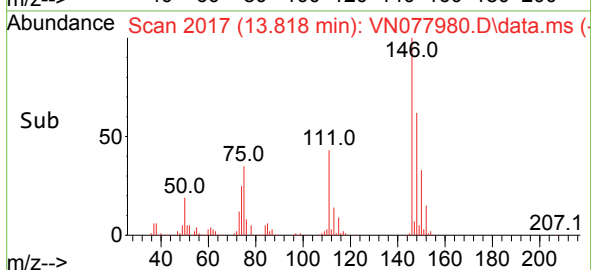
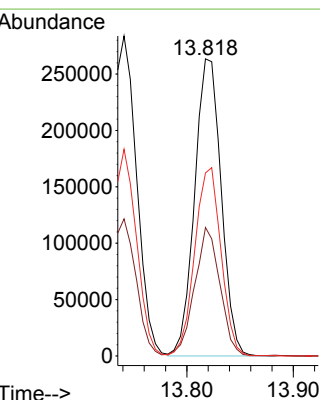
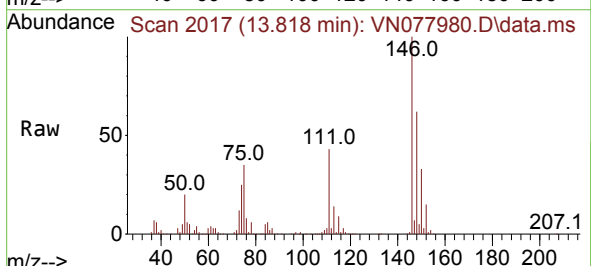
Tgt Ion:146 Resp: 456814

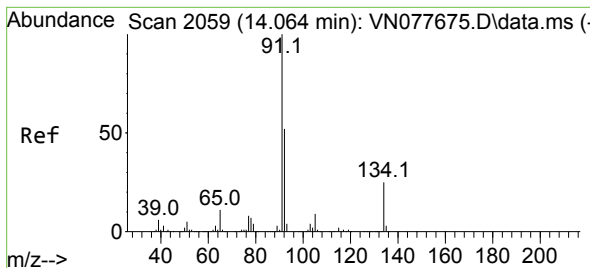
Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.8

148 62.6 31.6 94.8





#89

n-Butylbenzene

Concen: 48.508 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

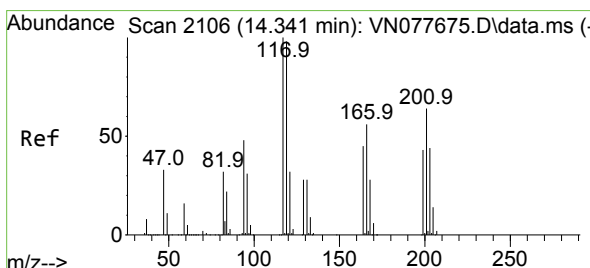
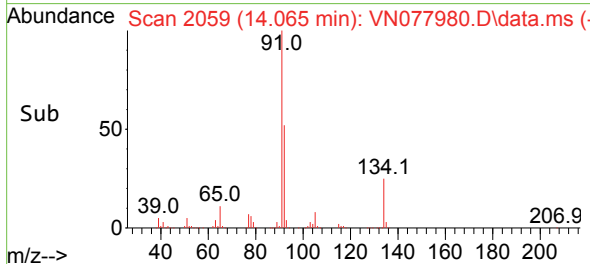
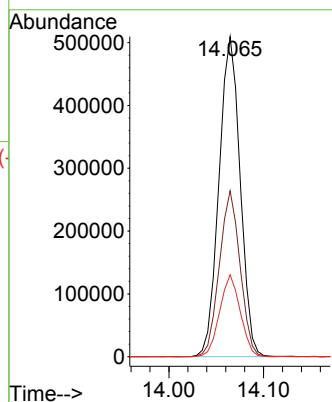
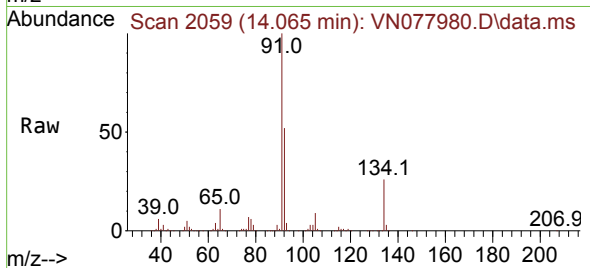
Tgt Ion: 91 Resp: 792040

Ion Ratio Lower Upper

91 100

92 50.7 26.4 79.0

134 24.8 12.6 37.6



#90

Hexachloroethane

Concen: 59.624 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.000 min

Lab File: VN077980.D

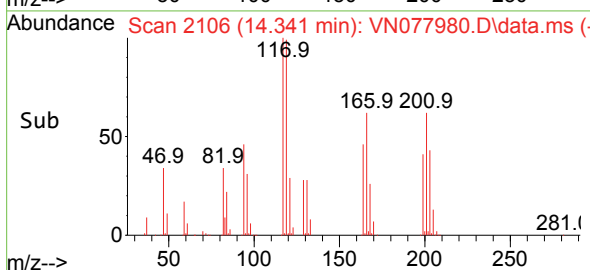
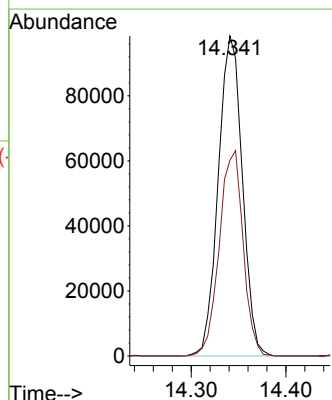
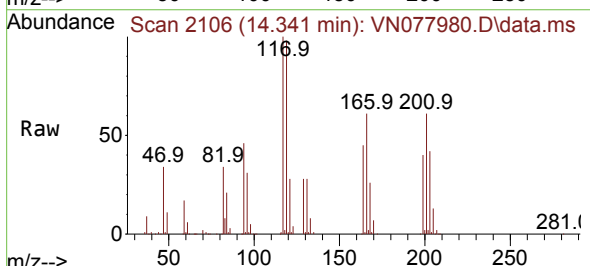
Acq: 30 May 2023 19:27

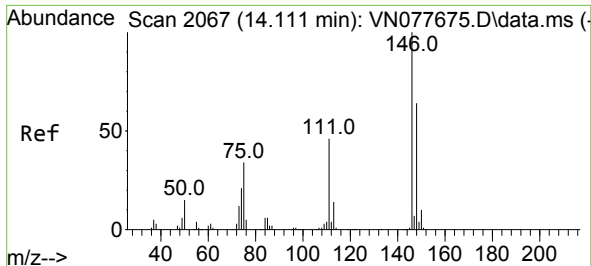
Tgt Ion: 117 Resp: 173880

Ion Ratio Lower Upper

117 100

201 63.5 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 55.541 ug/l

RT: 14.117 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

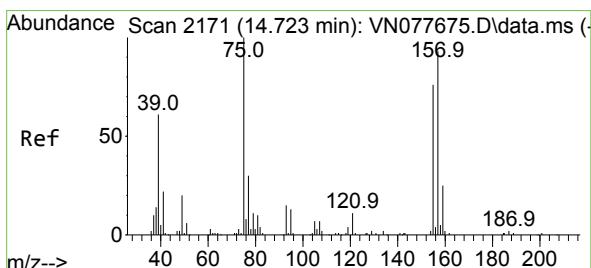
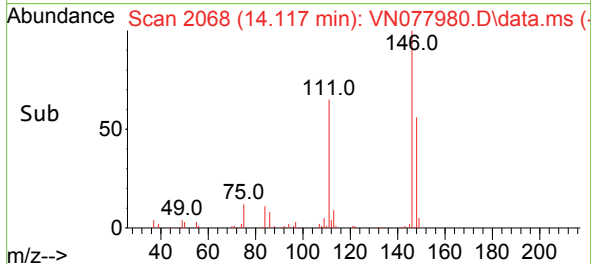
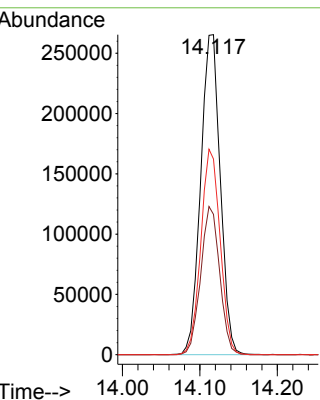
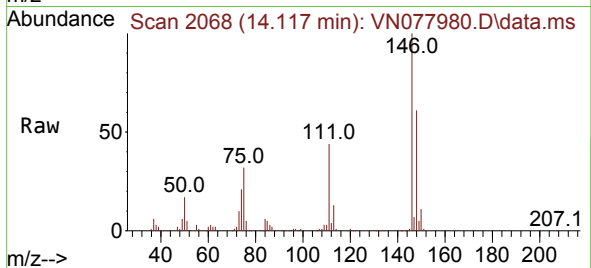
Tgt Ion:146 Resp: 467618

Ion Ratio Lower Upper

146 100

111 44.9 22.0 66.0

148 63.1 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.063 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

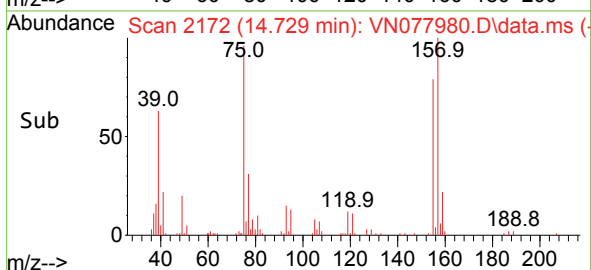
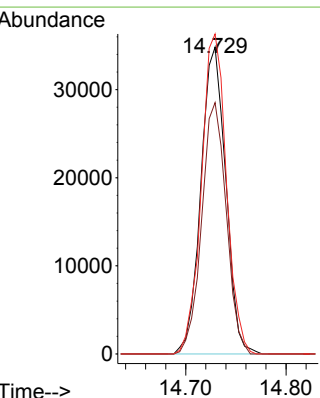
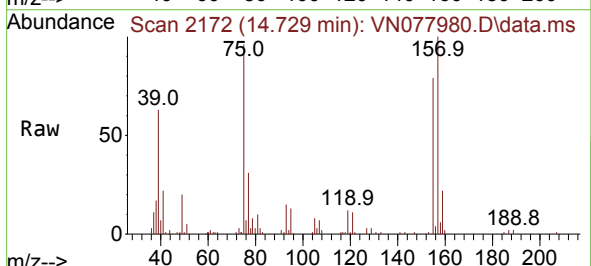
Tgt Ion: 75 Resp: 59857

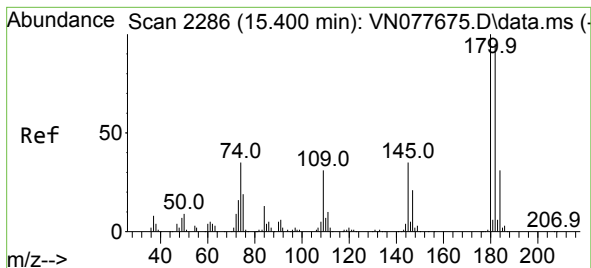
Ion Ratio Lower Upper

75 100

155 80.7 39.1 117.2

157 104.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 38.811 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077980.D

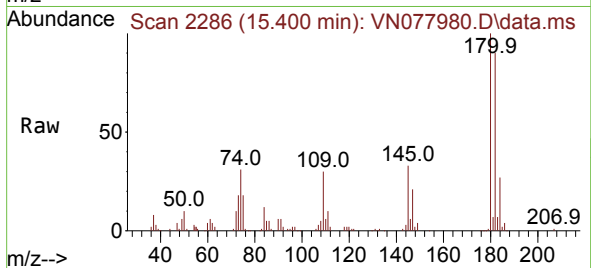
Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS



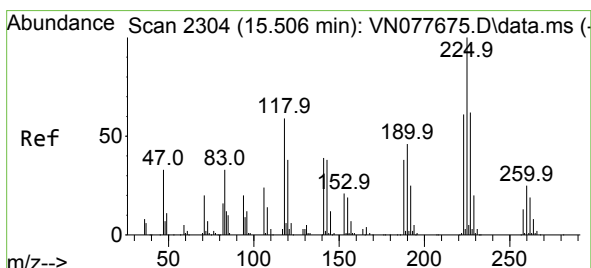
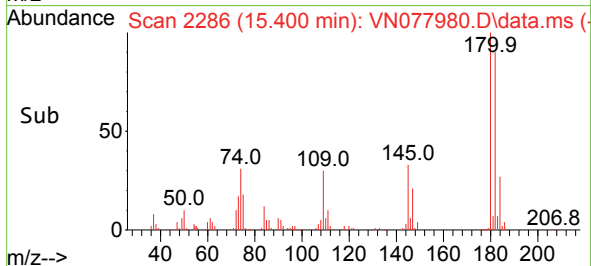
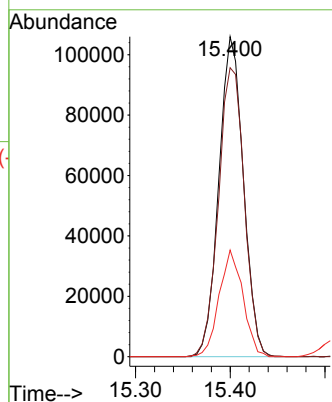
Tgt Ion:180 Resp: 190951

Ion Ratio Lower Upper

180 100

182 95.2 46.1 138.2

145 32.4 16.6 49.8



#94

Hexachlorobutadiene

Concen: 44.155 ug/l

RT: 15.512 min Scan# 2305

Delta R.T. 0.006 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

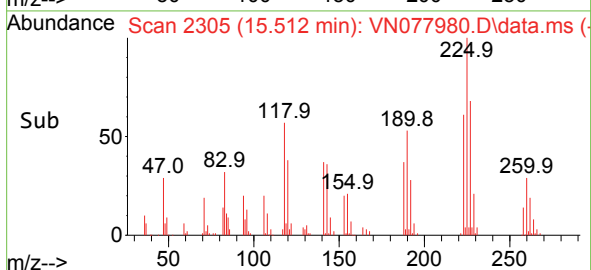
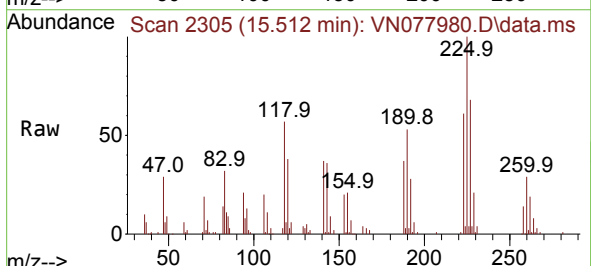
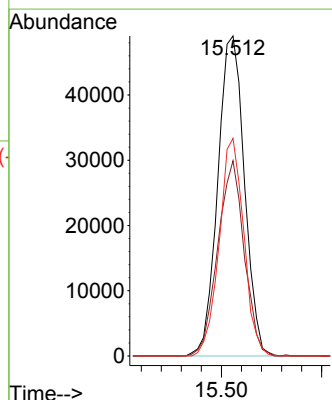
Tgt Ion:225 Resp: 90198

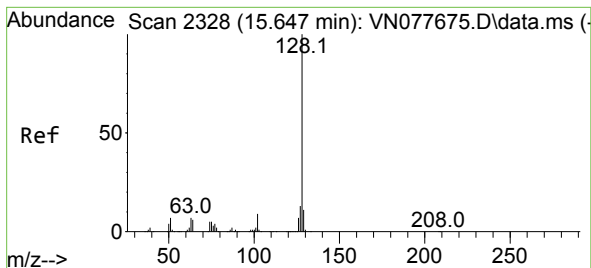
Ion Ratio Lower Upper

225 100

223 60.8 31.3 93.8

227 62.7 31.9 95.9





#95

Naphthalene

Concen: 34.534 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MS

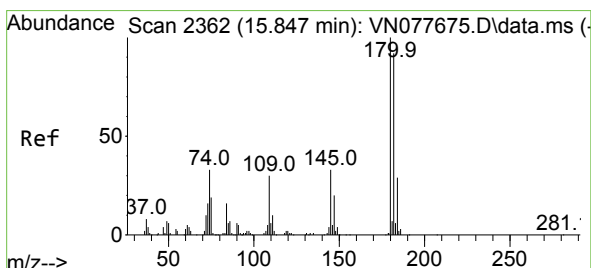
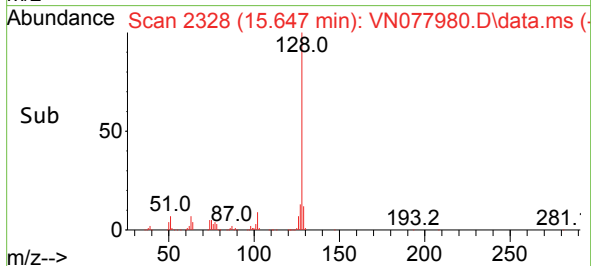
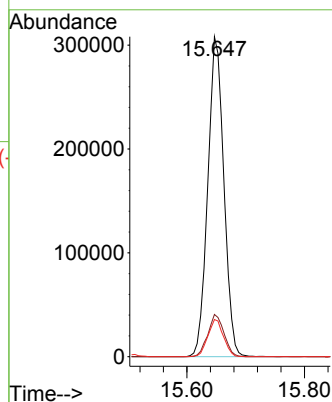
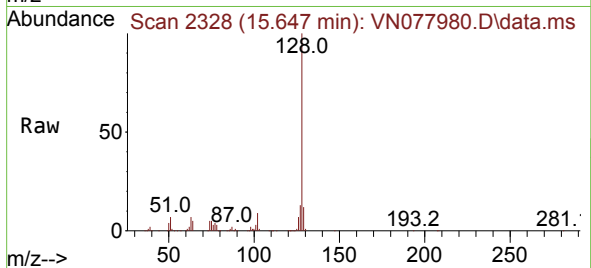
Tgt Ion:128 Resp: 584830

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 11.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 41.674 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077980.D

Acq: 30 May 2023 19:27

Tgt Ion:180 Resp: 200751

Ion Ratio Lower Upper

180 100

182 93.9 46.2 138.6

145 34.2 17.5 52.6

