

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077981.D
 Acq On : 30 May 2023 19:51
 Operator : JC\MD
 Sample : 02910-06MSD 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MSD

Quant Time: May 31 02:12:43 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	8.235	168	322992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	583099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	520840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	225594	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	239809	49.621	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.240%
35) Dibromofluoromethane	8.177	113	203247	53.453	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.900%
50) Toluene-d8	10.576	98	744860	50.894	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.780%
62) 4-Bromofluorobenzene	12.859	95	252337	48.818	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	185861	50.563	ug/l	99
3) Chloromethane	2.371	50	205664	52.873	ug/l	97
4) Vinyl Chloride	2.518	62	274501	59.230	ug/l	100
5) Bromomethane	2.948	94	202492	59.077	ug/l	93
6) Chloroethane	3.124	64	203385	60.895	ug/l	95
7) Trichlorofluoromethane	3.500	101	379969	58.830	ug/l	97
8) Diethyl Ether	3.965	74	134822	57.179	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	209025	58.480	ug/l	98
10) Methyl Iodide	4.600	142	292052	68.514	ug/l	98
11) Tert butyl alcohol	5.530	59	190748	285.992	ug/l	100
12) 1,1-Dichloroethene	4.347	96	203931	60.030	ug/l	92
13) Acrolein	4.189	56	114310	278.800	ug/l	98
14) Allyl chloride	5.030	41	294884	59.088	ug/l	96
15) Acrylonitrile	5.736	53	520072	291.865	ug/l	99
16) Acetone	4.436	43	403564	265.423	ug/l	96
17) Carbon Disulfide	4.724	76	477817	52.201	ug/l	99
18) Methyl Acetate	5.036	43	372089	58.334	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	731845	59.517	ug/l	96
20) Methylene Chloride	5.289	84	247310	63.006	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	226208	59.279	ug/l #	84
22) Diisopropyl ether	6.683	45	683086	58.396	ug/l	96
23) Vinyl Acetate	6.612	43	2052475	283.194	ug/l #	91
24) 1,1-Dichloroethane	6.583	63	435261	60.736	ug/l	98
25) 2-Butanone	7.494	43	651816	274.050	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	348974	57.317	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	278769	60.926	ug/l	93
28) Bromochloromethane	7.818	49	179131	57.796	ug/l	89
29) Tetrahydrofuran	7.847	42	422851	271.512	ug/l	85
30) Chloroform	7.977	83	483619	61.347	ug/l	92
31) Cyclohexane	8.265	56	347696	52.935	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	418126	62.384	ug/l	97
36) 1,1-Dichloropropene	8.377	75	341791	61.457	ug/l	98
37) Ethyl Acetate	7.571	43	277995	56.081	ug/l #	95
38) Carbon Tetrachloride	8.371	117	366365	65.237	ug/l	97
39) Methylcyclohexane	9.606	83	384265	56.438	ug/l	90
40) Benzene	8.618	78	1033859	62.995	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	143215	54.250	ug/l	92
42) 1,2-Dichloroethane	8.682	62	358785	60.182	ug/l	97
43) Isopropyl Acetate	8.700	43	474017	58.544	ug/l	95
44) Trichloroethene	9.359	130	268387	64.584	ug/l	95
45) 1,2-Dichloropropane	9.629	63	263462	62.936	ug/l	94
46) Dibromomethane	9.718	93	185411	61.897	ug/l	95
47) Bromodichloromethane	9.894	83	379624	66.196	ug/l	96
48) Methyl methacrylate	9.688	41	224143	58.388	ug/l	90
49) 1,4-Dioxane	9.700	88	93118	1284.296	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	1446963	300.648	ug/l	93
52) Toluene	10.635	92	654275	64.037	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	384005	63.231	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	419156	62.630	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	256668	63.268	ug/l	93
56) Ethyl methacrylate	10.882	69	383558	62.531	ug/l	93
57) 1,3-Dichloropropane	11.171	76	438011	62.981	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	759389	251.650	ug/l	93
59) 2-Hexanone	11.206	43	1016909	285.661	ug/l	93
60) Dibromochloromethane	11.365	129	281864	67.302	ug/l	100
61) 1,2-Dibromoethane	11.476	107	261871	64.705	ug/l	100
64) Tetrachloroethene	11.112	164	251607	69.078	ug/l	97
65) Chlorobenzene	11.900	112	708957	62.788	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.970	131	266753	68.277	ug/l	97
67) Ethyl Benzene	11.970	91	1283871	63.450	ug/l	96
68) m/p-Xylenes	12.076	106	980440	127.878	ug/l	98
69) o-Xylene	12.406	106	479400	63.580	ug/l	97
70) Styrene	12.418	104	773372	64.566	ug/l	98
71) Bromoform	12.588	173	177536	68.309	ug/l #	100
73) Isopropylbenzene	12.700	105	1243422	63.941	ug/l	99
74) N-amyl acetate	12.500	43	392165	54.559	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	359012	60.011	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	438062	77.537	ug/l	73
77) Bromobenzene	12.988	156	271794	61.246	ug/l	99
78) n-propylbenzene	13.041	91	1428380	62.304	ug/l	100
79) 2-Chlorotoluene	13.129	91	849473	62.095	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	1027056	62.840	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	100114	56.643	ug/l	90
82) 4-Chlorotoluene	13.229	91	813888	59.795	ug/l	98
83) tert-Butylbenzene	13.447	119	878685	61.584	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1021750	63.566	ug/l	100
85) sec-Butylbenzene	13.623	105	1224994	60.412	ug/l	99
86) p-Isopropyltoluene	13.735	119	1022465	63.249	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	492392	59.997	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	475098	58.337	ug/l	99
89) n-Butylbenzene	14.064	91	819729	55.130	ug/l	98
90) Hexachloroethane	14.341	117	171847	64.709	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	488064	63.658	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	60595	52.318	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	202705	45.242	ug/l	98
94) Hexachlorobutadiene	15.511	225	93945	50.501	ug/l	98
95) Naphthalene	15.647	128	621798	40.320	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	213841	48.747	ug/l	99

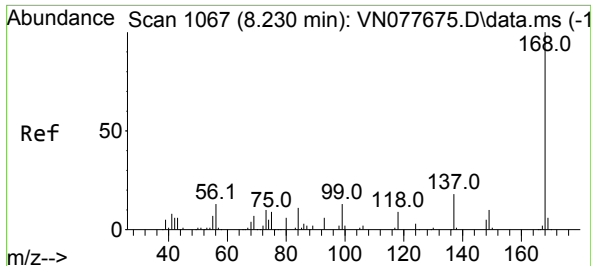
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Response via : Initial Calibration

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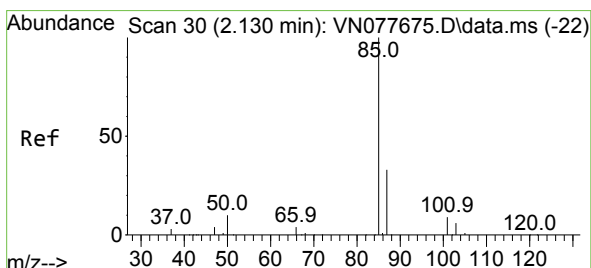
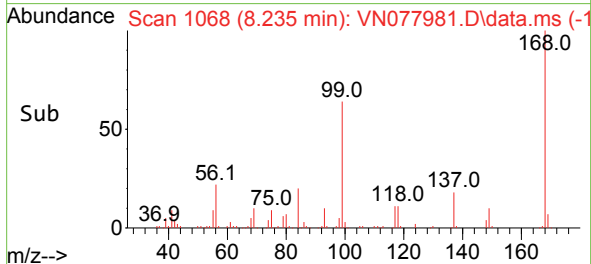
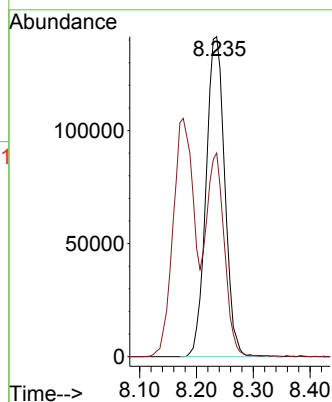
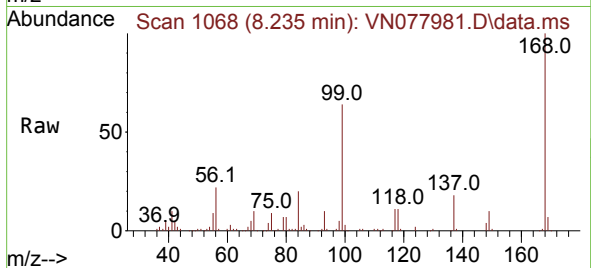
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077981.D
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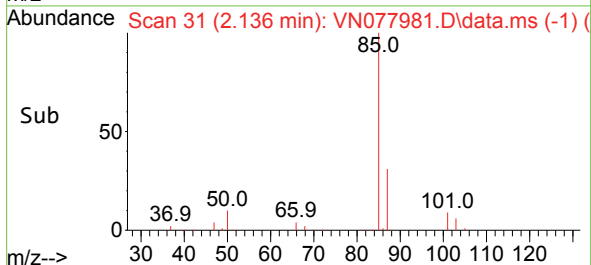
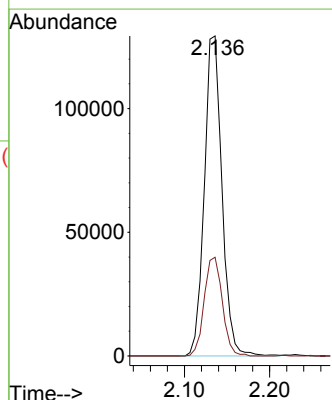
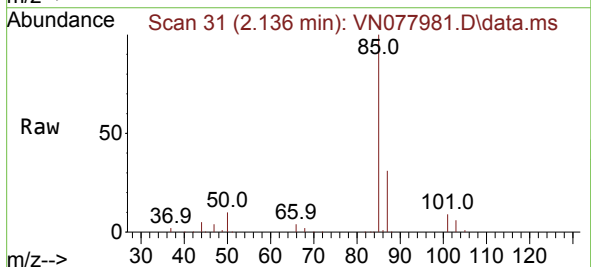
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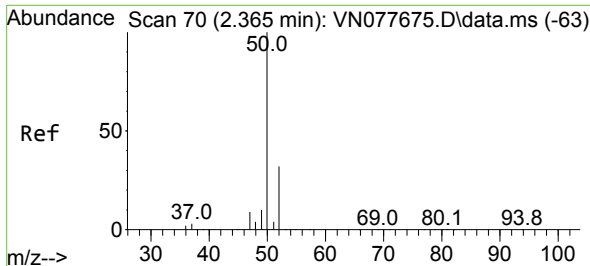
Tgt Ion:168 Resp: 322992
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 50.563 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 85 Resp: 185861
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.4

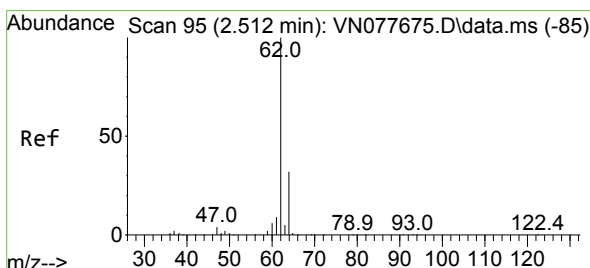
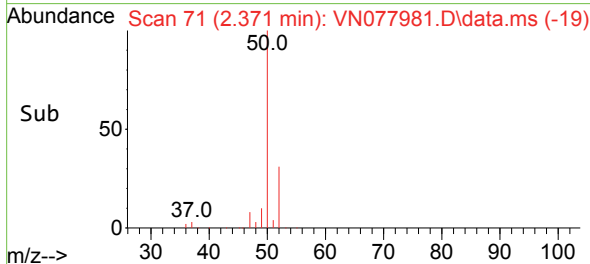
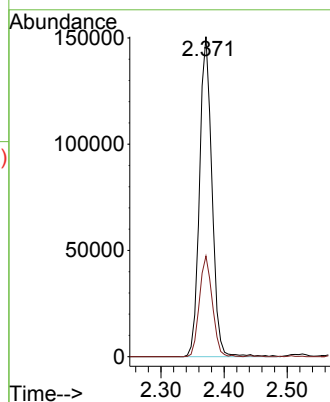
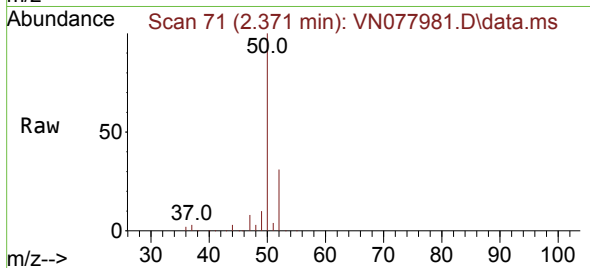




#3
Chloromethane
Concen: 52.873 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

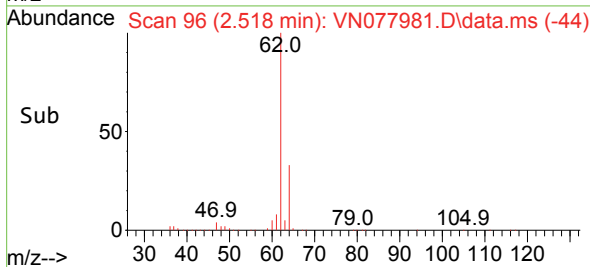
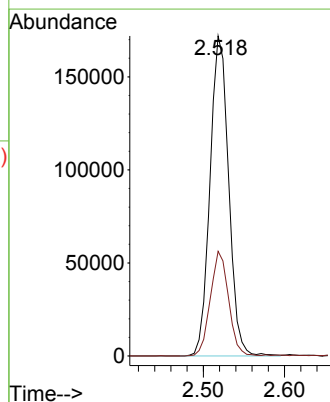
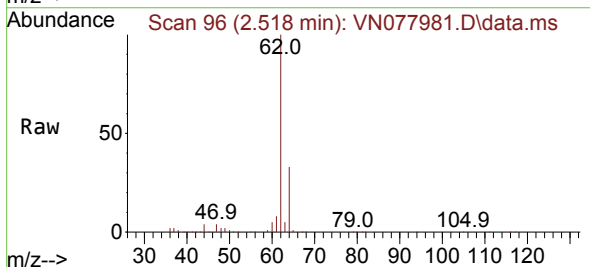
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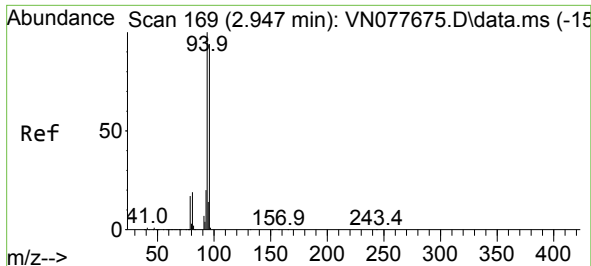
Tgt Ion: 50 Resp: 205664
Ion Ratio Lower Upper
50 100
52 31.4 26.5 39.7



#4
Vinyl Chloride
Concen: 59.230 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 62 Resp: 274501
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2

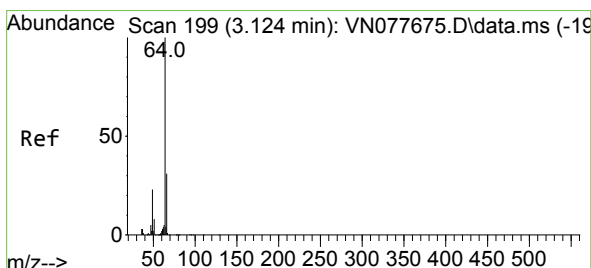
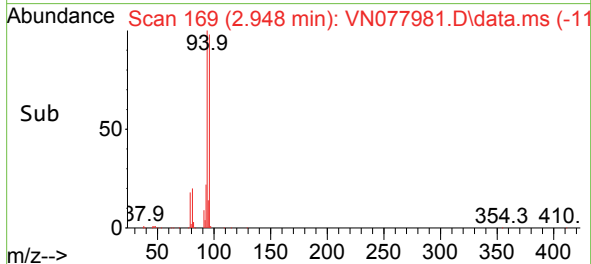
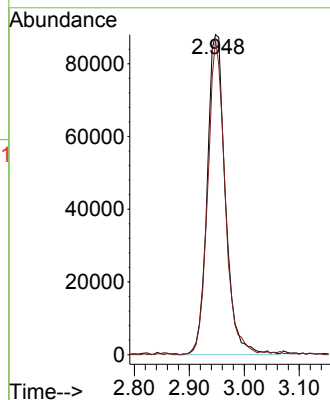
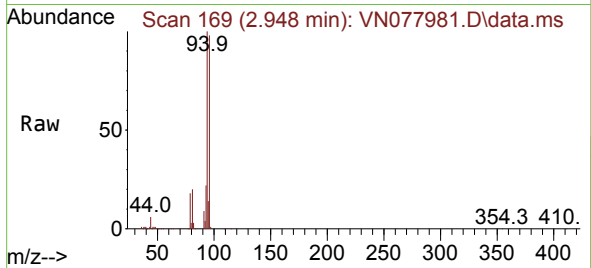




#5
Bromomethane
Concen: 59.077 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.001 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

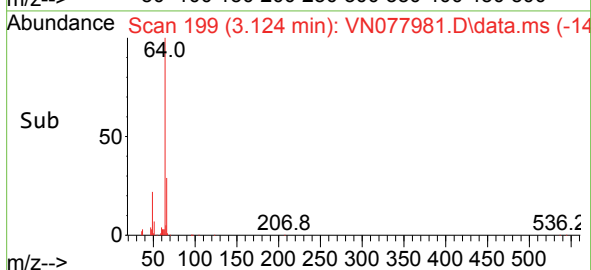
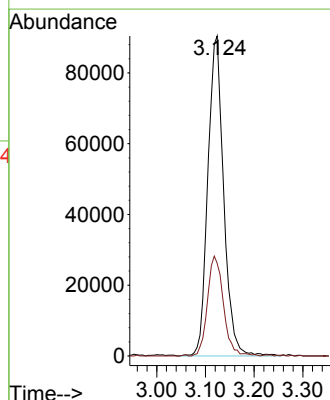
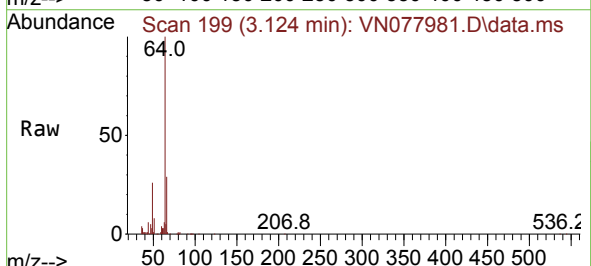
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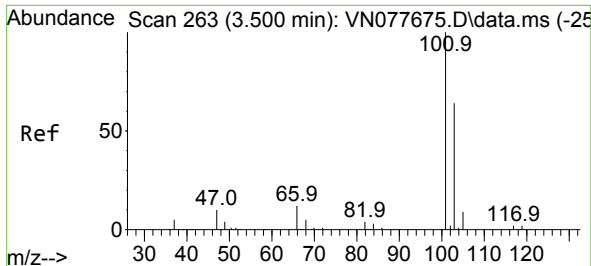
Tgt Ion: 94 Resp: 202492
Ion Ratio Lower Upper
94 100
96 98.2 73.1 109.7



#6
Chloroethane
Concen: 60.895 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 64 Resp: 203385
Ion Ratio Lower Upper
64 100
66 29.0 25.4 38.2

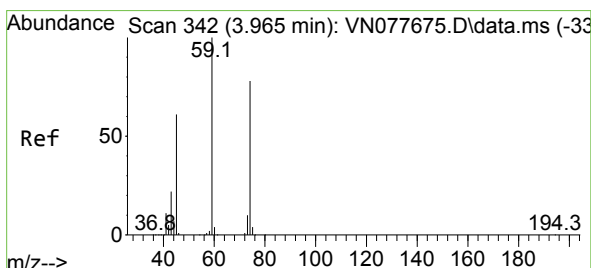
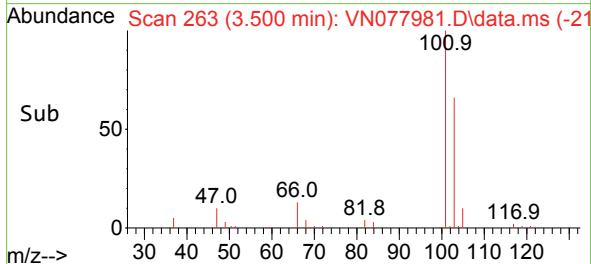
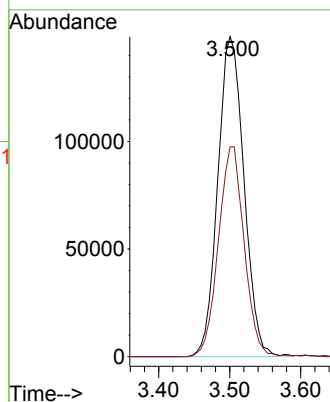
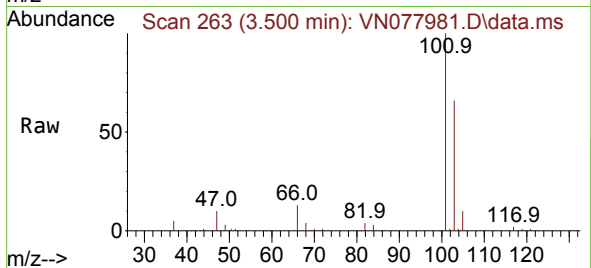




#7
Trichlorofluoromethane
Concen: 58.830 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

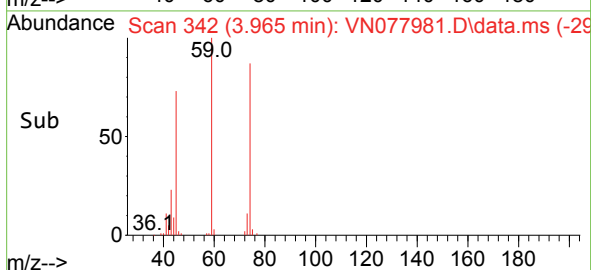
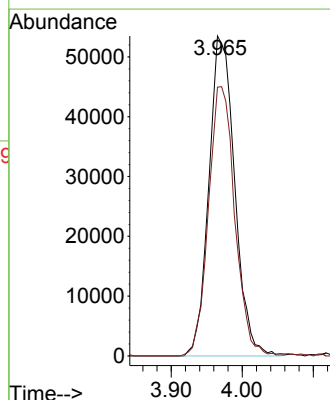
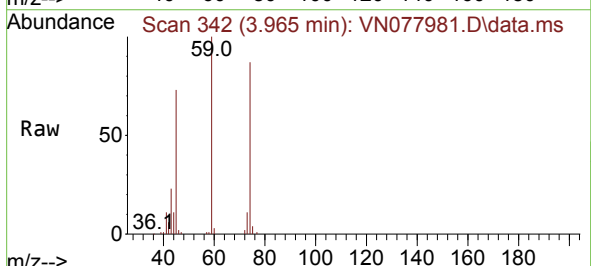
Instrument :
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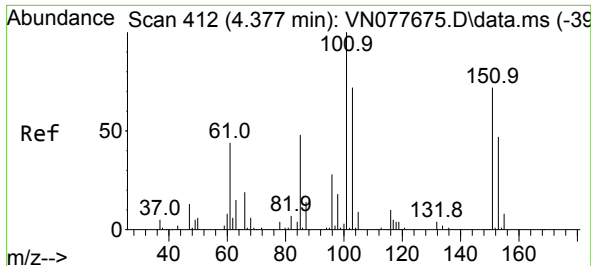
Tgt Ion:101 Resp: 379969
Ion Ratio Lower Upper
101 100
103 65.6 50.7 76.1



#8
Diethyl Ether
Concen: 57.179 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 74 Resp: 134822
Ion Ratio Lower Upper
74 100
45 85.8 34.4 103.3

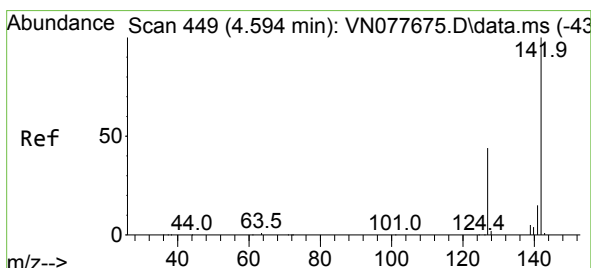
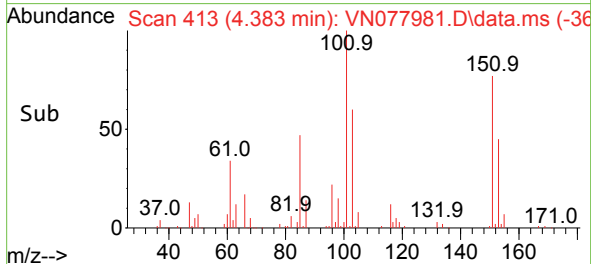
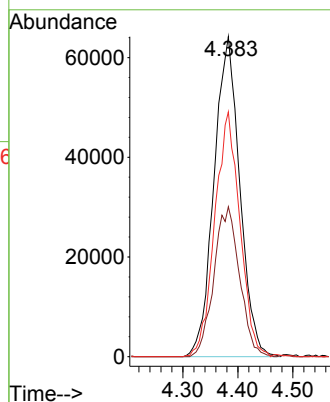
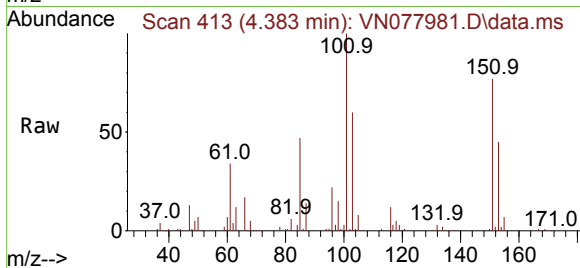




#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.480 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

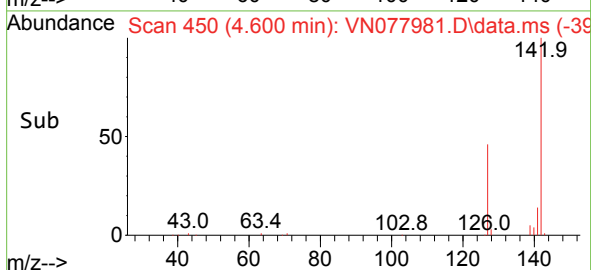
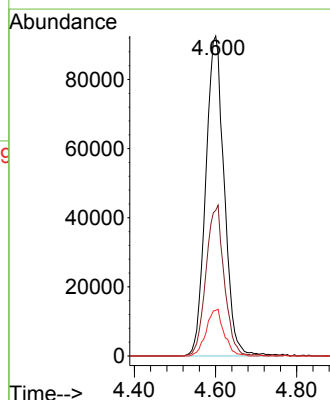
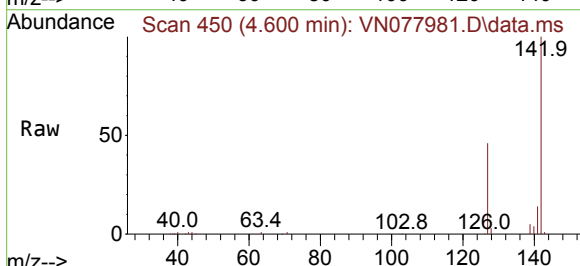
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

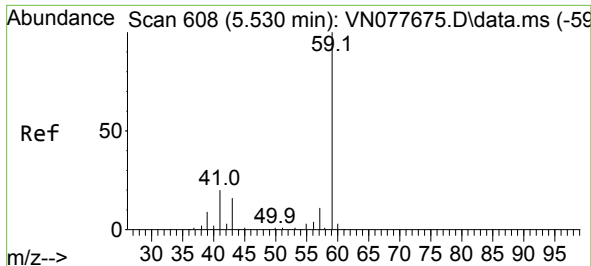
Tgt Ion:101 Resp: 209025
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 74.3 57.6 86.4



#10
Methyl Iodide
Concen: 68.514 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion:142 Resp: 292052
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.3 11.4 17.0

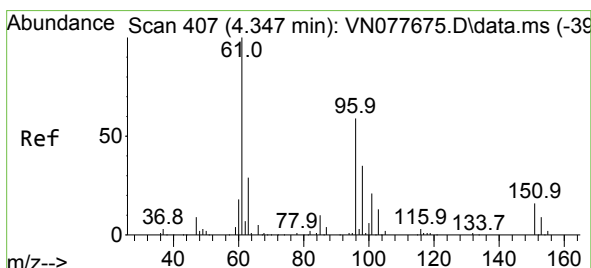
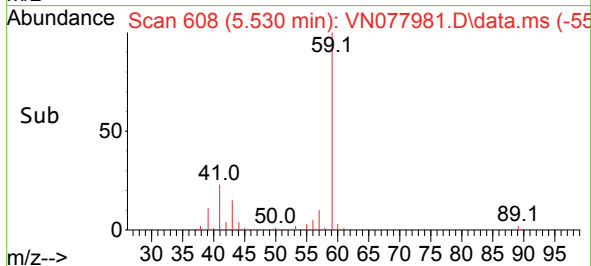
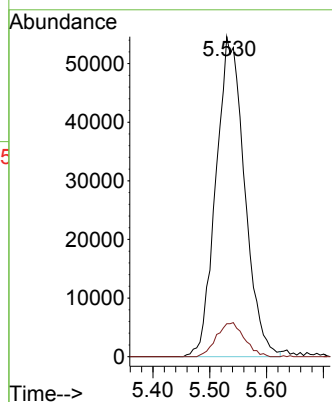
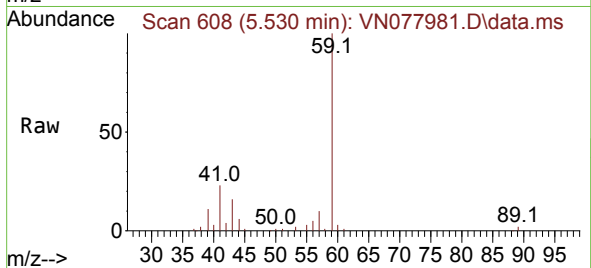




#11
Tert butyl alcohol
Concen: 285.992 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

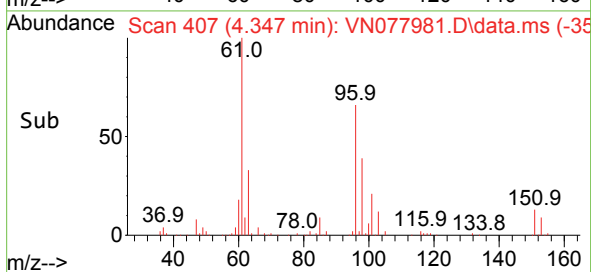
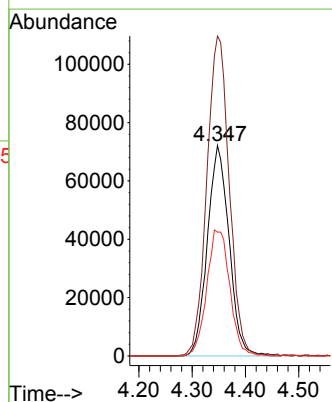
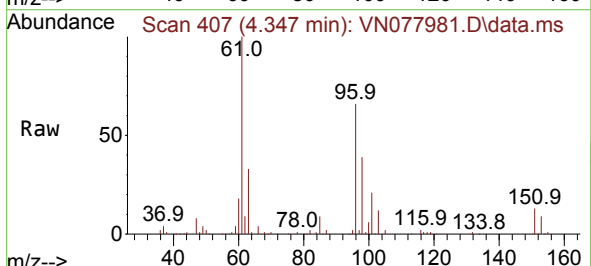
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

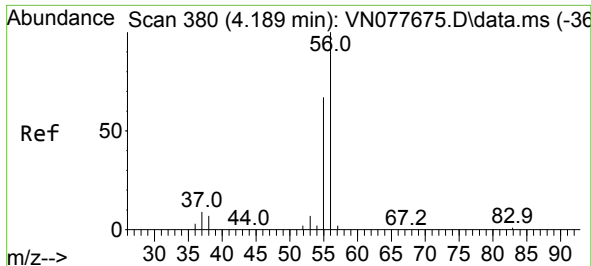
Tgt Ion: 59 Resp: 190748
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 60.030 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 96 Resp: 203931
Ion Ratio Lower Upper
96 100
61 151.7 112.7 169.1
98 58.8 51.2 76.8

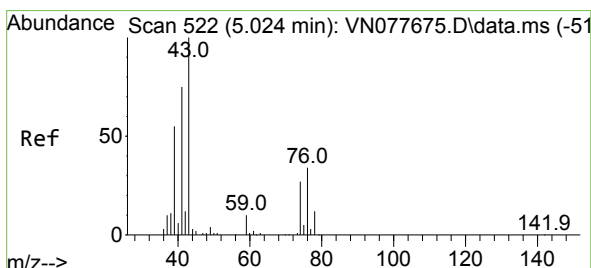
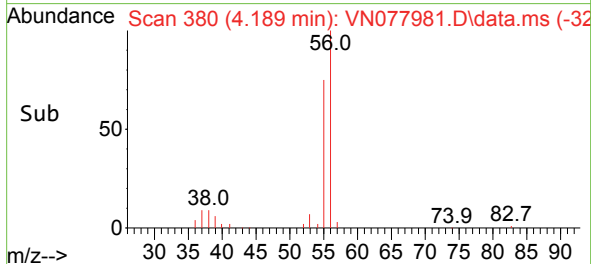
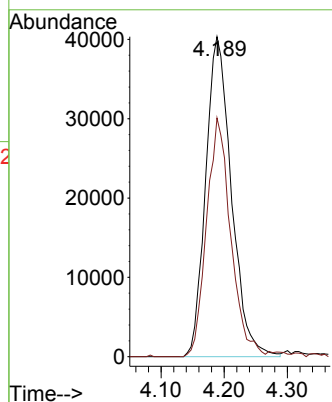
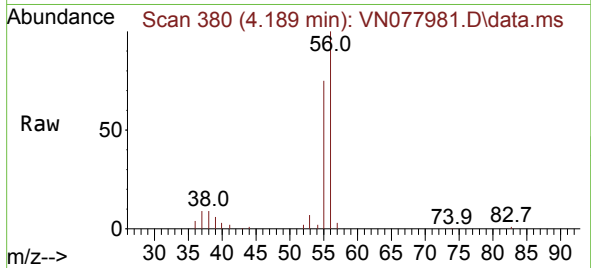




#13
Acrolein
Concen: 278.800 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

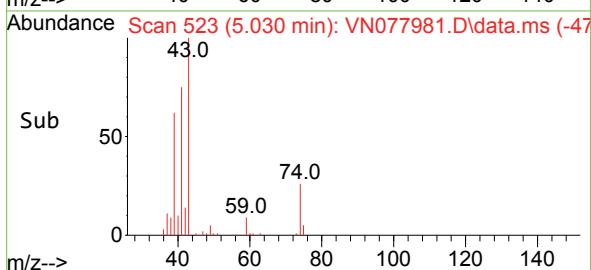
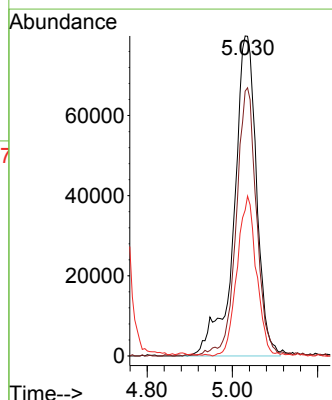
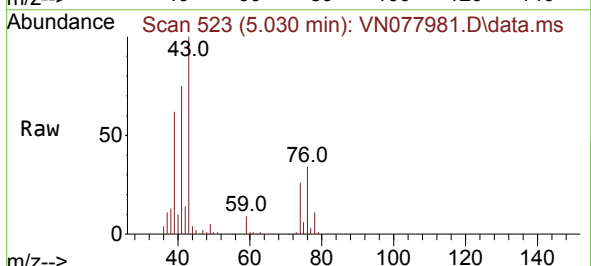
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

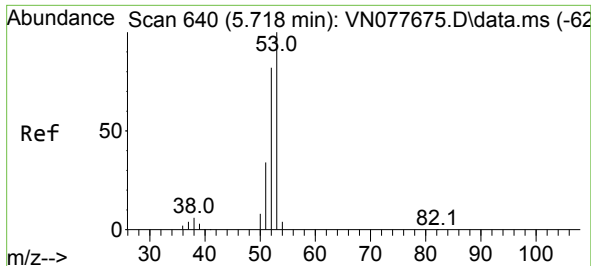
Tgt Ion: 56 Resp: 114310
Ion Ratio Lower Upper
56 100
55 69.8 54.5 81.7



#14
Allyl chloride
Concen: 59.088 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 41 Resp: 294884
Ion Ratio Lower Upper
41 100
39 74.4 58.8 88.2
76 43.0 39.1 58.7

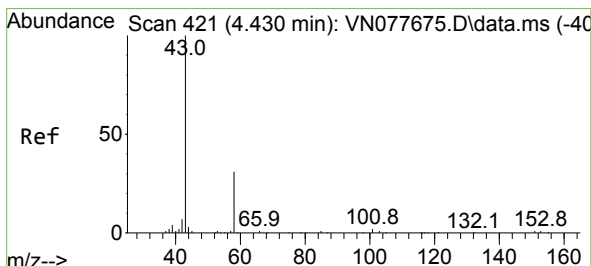
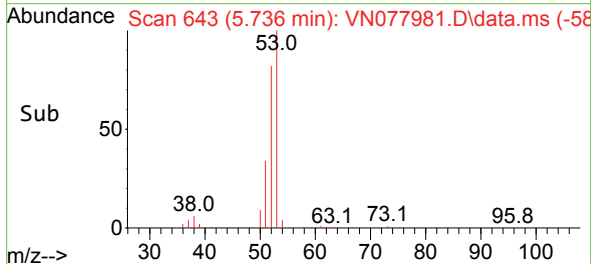
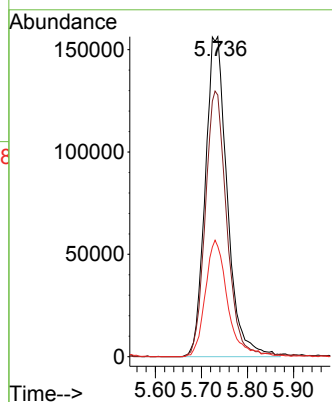
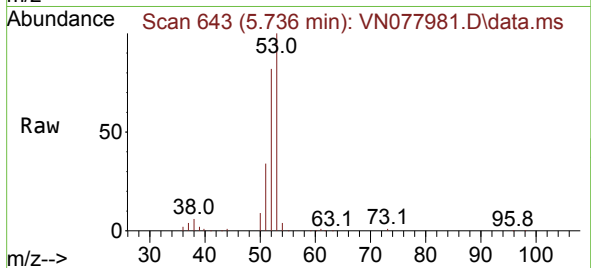




#15
Acrylonitrile
Concen: 291.865 ug/l
RT: 5.736 min Scan# 640
Delta R.T. 0.018 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

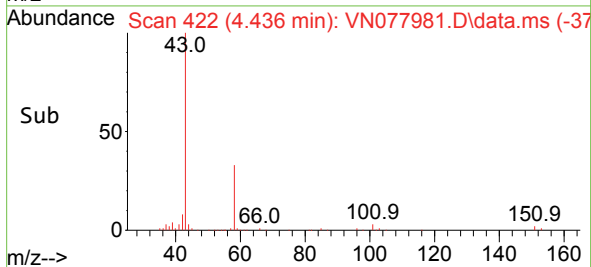
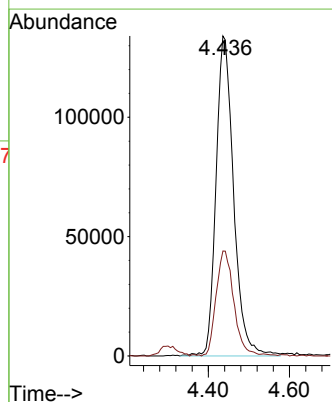
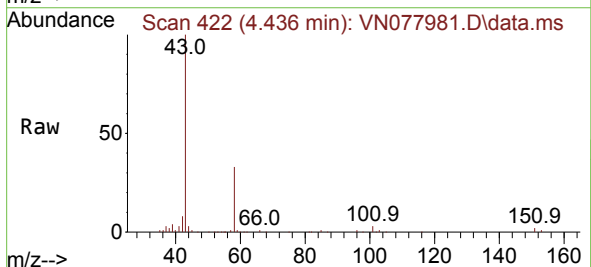
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

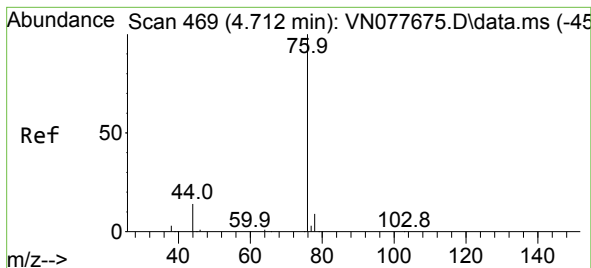
Tgt Ion: 53 Resp: 520072
Ion Ratio Lower Upper
53 100
52 81.0 65.3 97.9
51 37.0 28.9 43.3



#16
Acetone
Concen: 265.423 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 43 Resp: 403564
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0





#17

Carbon Disulfide

Concen: 52.201 ug/l

RT: 4.724 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

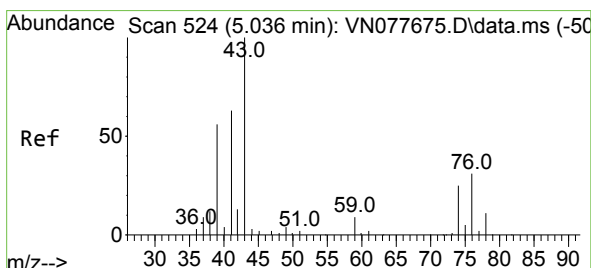
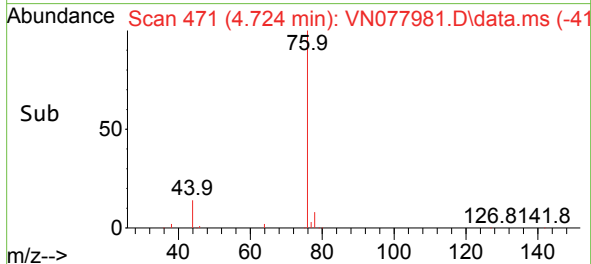
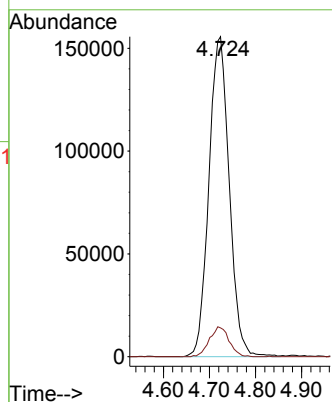
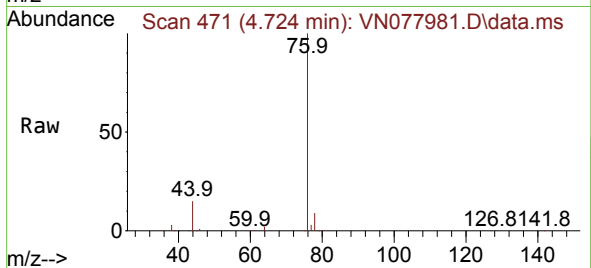
MW33S-20230523MSD

Tgt Ion: 76 Resp: 477817

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



#18

Methyl Acetate

Concen: 58.334 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN077981.D

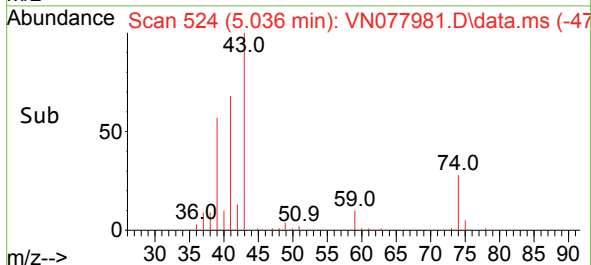
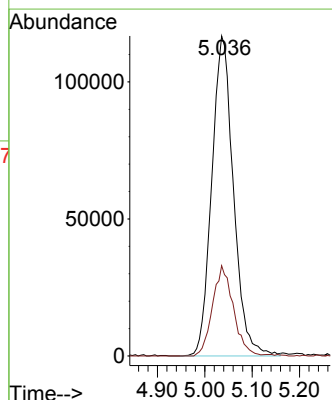
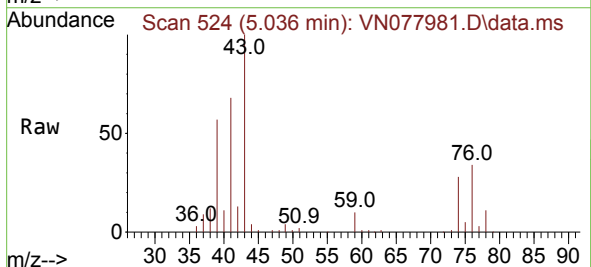
Acq: 30 May 2023 19:51

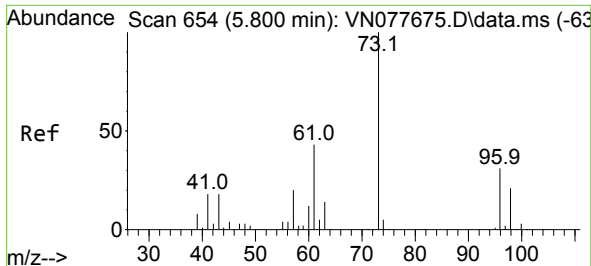
Tgt Ion: 43 Resp: 372089

Ion Ratio Lower Upper

43 100

74 27.0 26.2 39.4

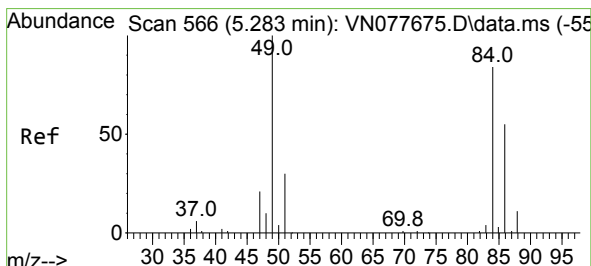
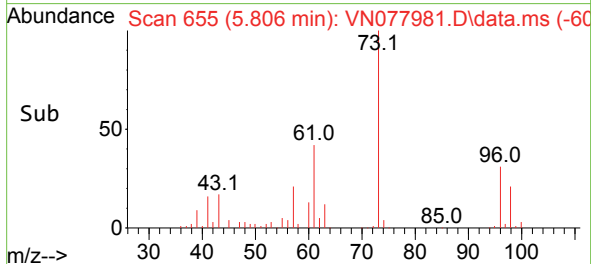
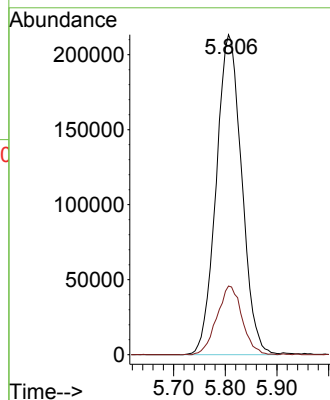
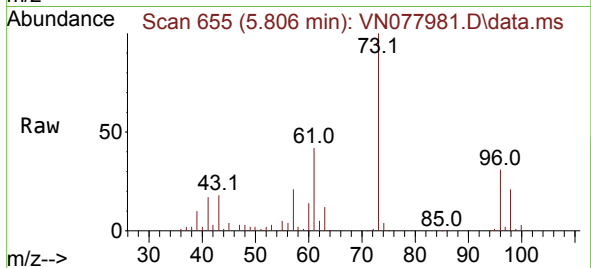




#19
Methyl tert-butyl Ether
Concen: 59.517 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

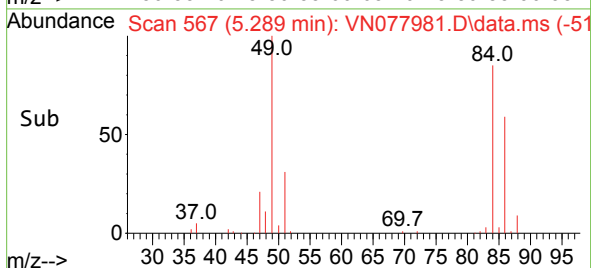
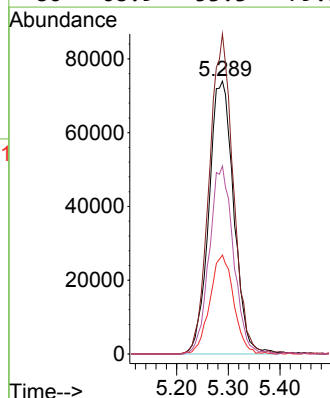
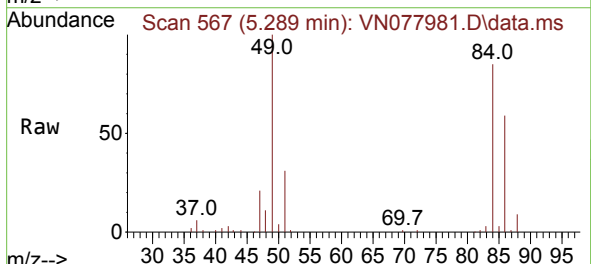
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

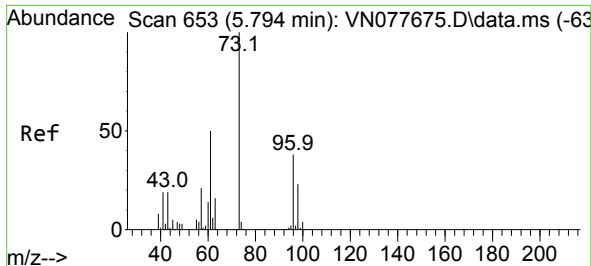
Tgt Ion: 73 Resp: 731845
Ion Ratio Lower Upper
73 100
57 21.5 15.6 23.4



#20
Methylene Chloride
Concen: 63.006 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 84 Resp: 247310
Ion Ratio Lower Upper
84 100
49 117.3 79.7 119.5
51 36.2 25.2 37.8
86 68.9 53.3 79.9

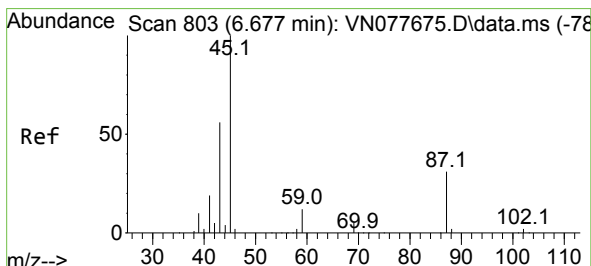
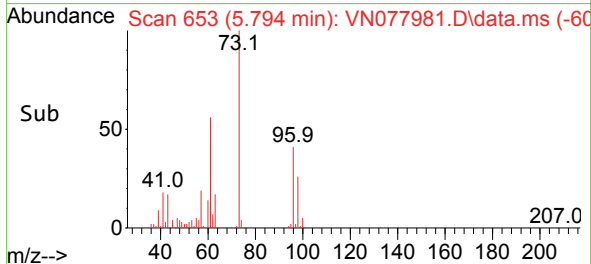
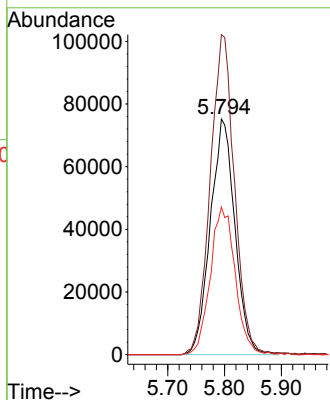
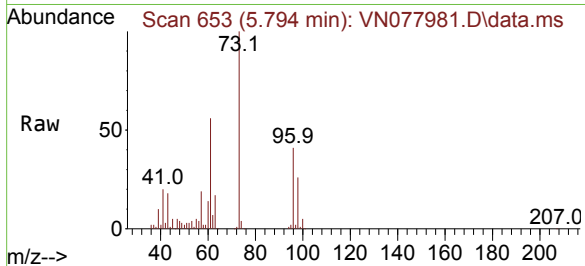




#21
trans-1,2-Dichloroethene
Concen: 59.279 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

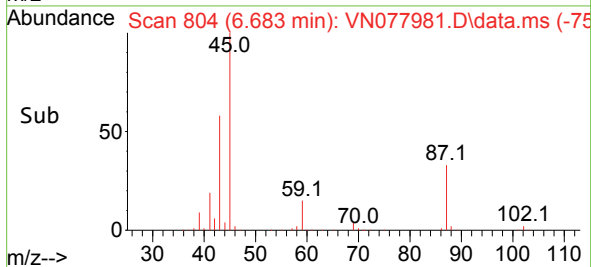
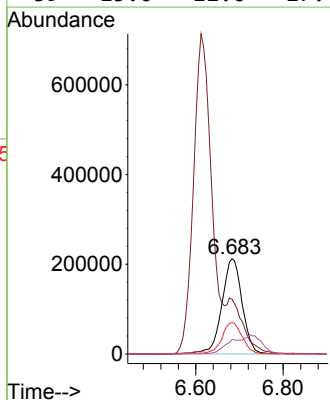
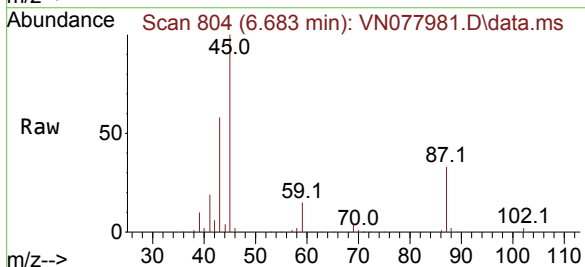
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

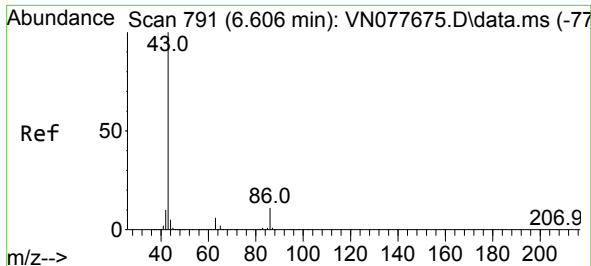
Tgt Ion: 96 Resp: 226208
Ion Ratio Lower Upper
96 100
61 135.8 90.1 135.1#
98 62.7 46.4 69.6



#22
Diisopropyl ether
Concen: 58.396 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 45 Resp: 683086
Ion Ratio Lower Upper
45 100
43 56.9 45.5 68.3
87 32.9 31.8 47.8
59 15.0 11.6 17.4

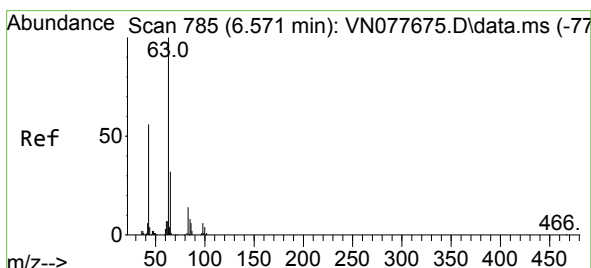
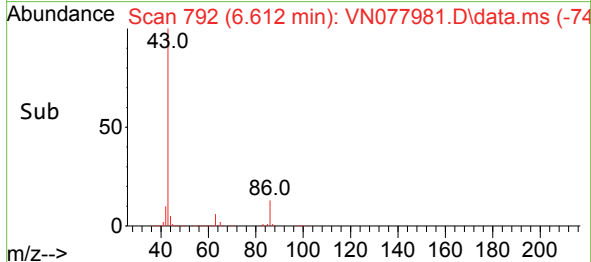
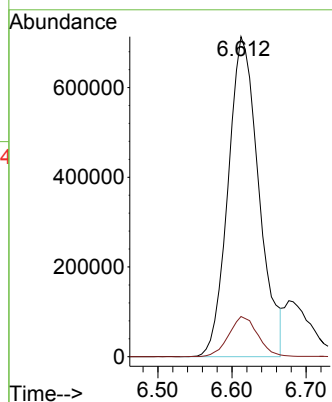
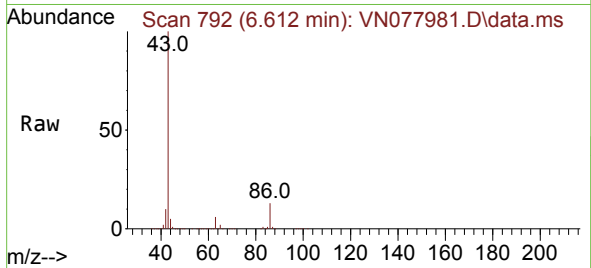




#23
 Vinyl Acetate
 Concen: 283.194 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077981.D
 Acq: 30 May 2023 19:51

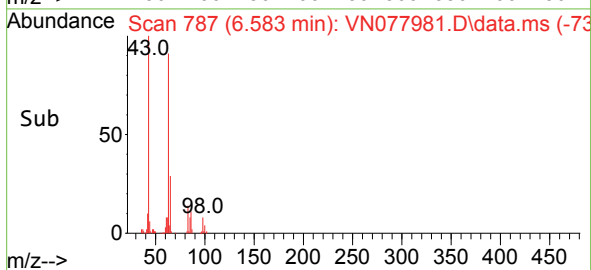
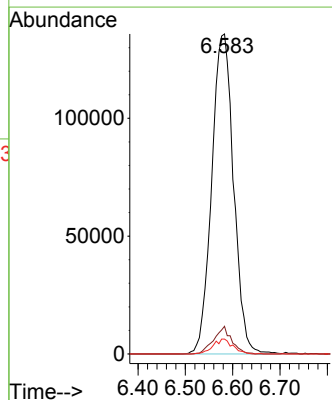
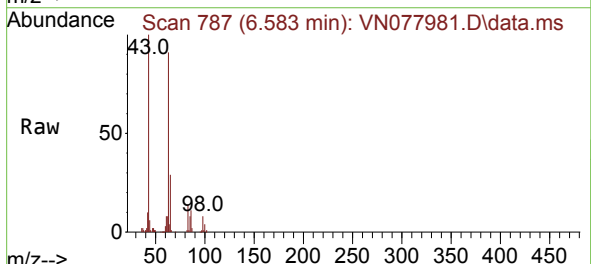
Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MSD

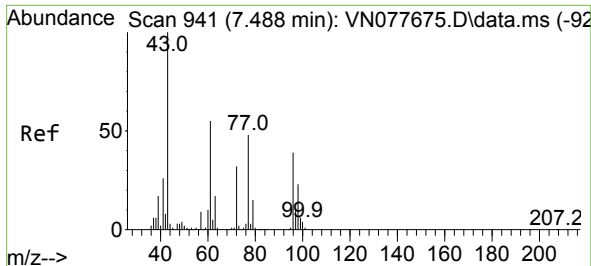
Tgt Ion: 43 Resp: 2052475
 Ion Ratio Lower Upper
 43 100
 86 12.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 60.736 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.012 min
 Lab File: VN077981.D
 Acq: 30 May 2023 19:51

Tgt Ion: 63 Resp: 435261
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.9 11.7
 100 4.6 2.5 7.4

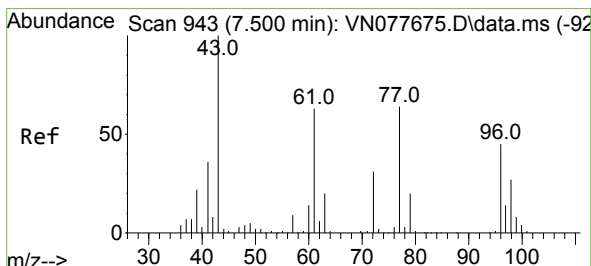
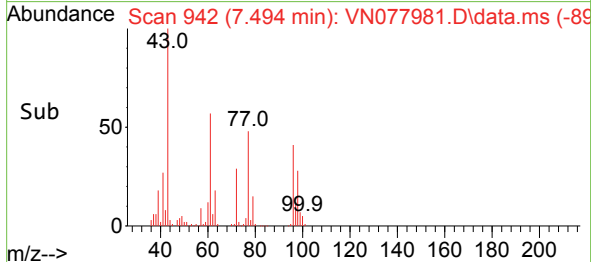
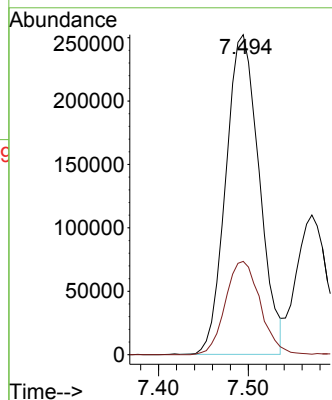
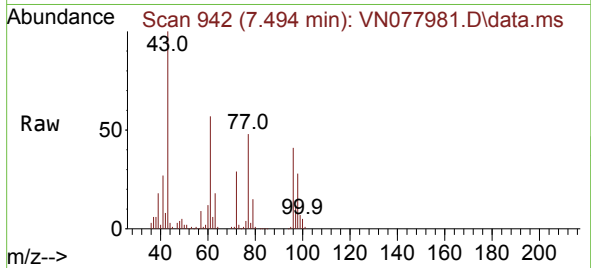




#25
2-Butanone
Concen: 274.050 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

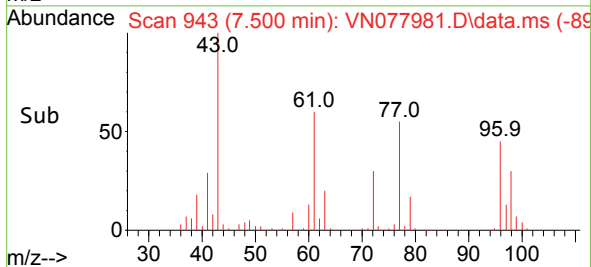
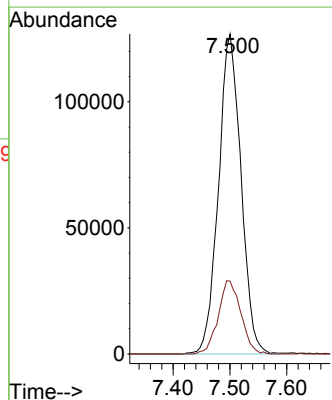
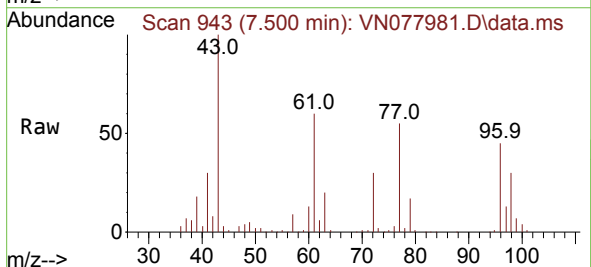
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

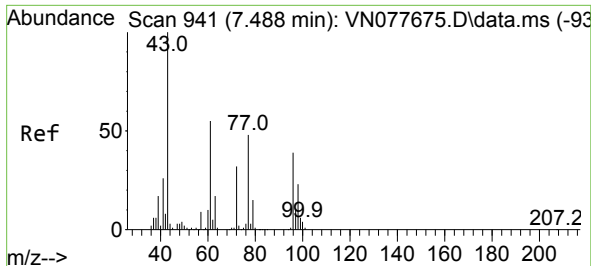
Tgt Ion: 43 Resp: 651816
Ion Ratio Lower Upper
43 100
72 29.2 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 57.317 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 77 Resp: 348974
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 60.926 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN077981.D

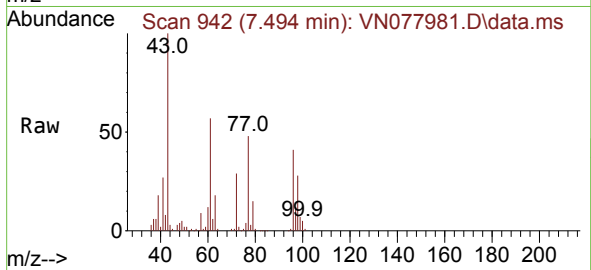
Acq: 30 May 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD



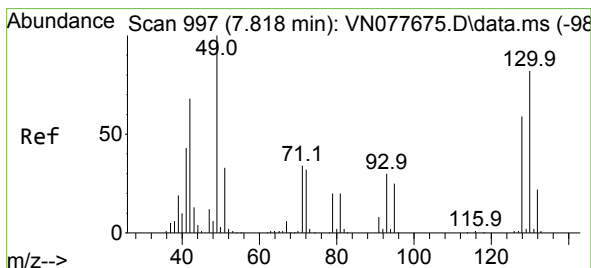
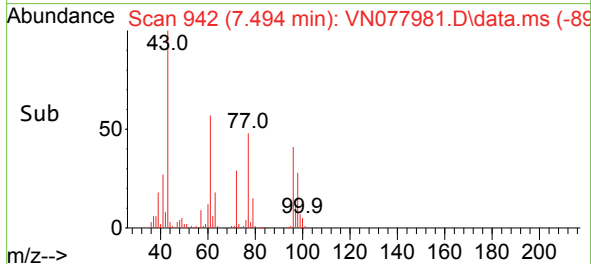
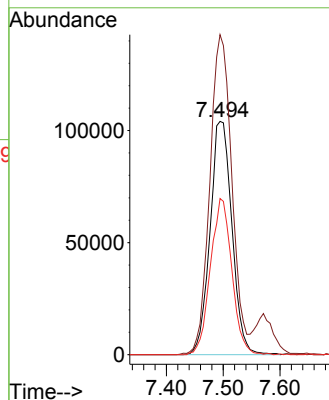
Tgt Ion: 96 Resp: 278769

Ion Ratio Lower Upper

96 100

61 138.1 0.0 255.2

98 65.5 0.0 128.8



#28

Bromochloromethane

Concen: 57.796 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.000 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

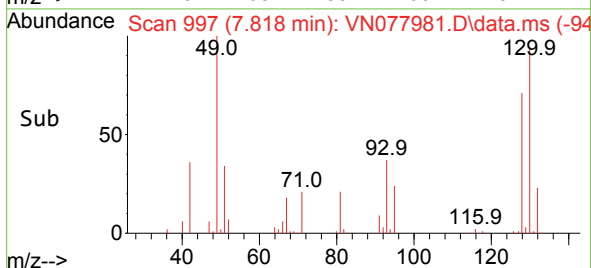
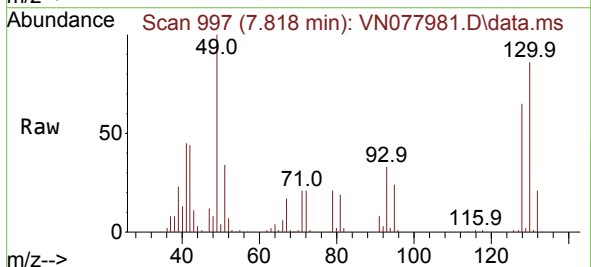
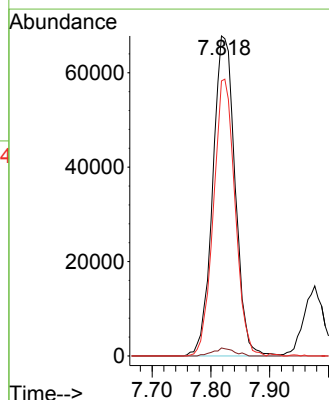
Tgt Ion: 49 Resp: 179131

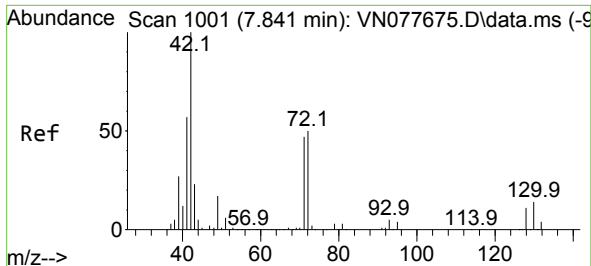
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

130 83.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 271.512 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD

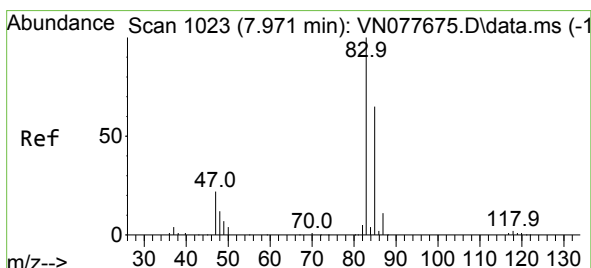
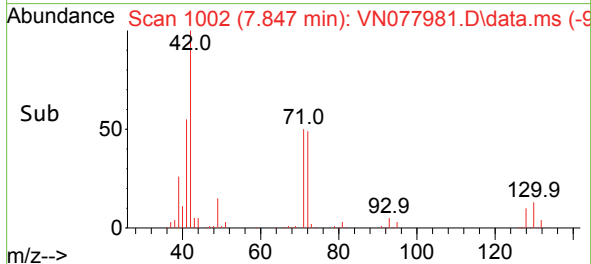
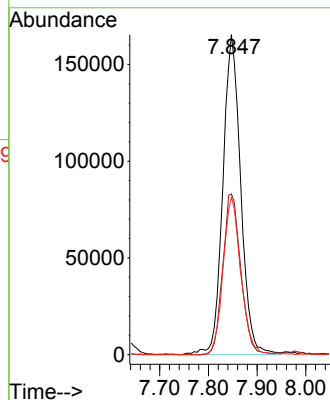
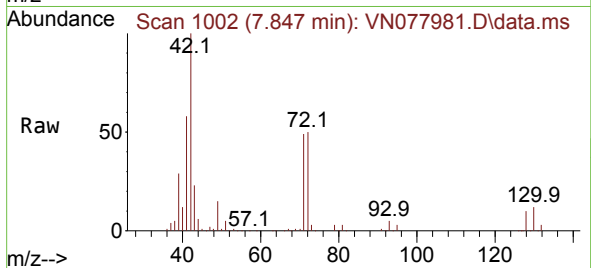
Tgt Ion: 42 Resp: 422851

Ion Ratio Lower Upper

42 100

72 50.8 49.8 74.6

71 48.4 47.4 71.2



#30

Chloroform

Concen: 61.347 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077981.D

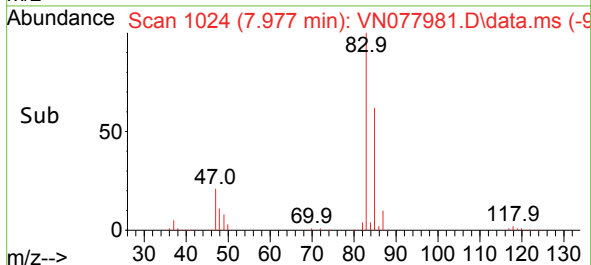
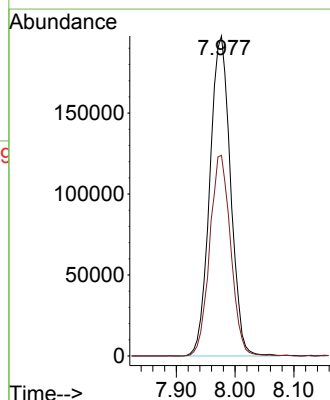
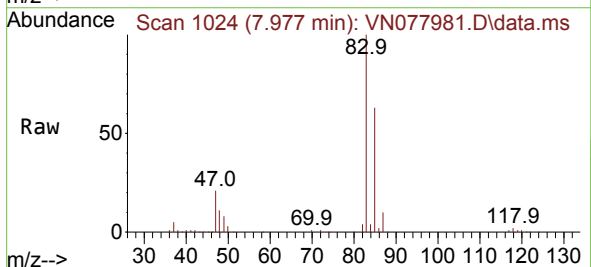
Acq: 30 May 2023 19:51

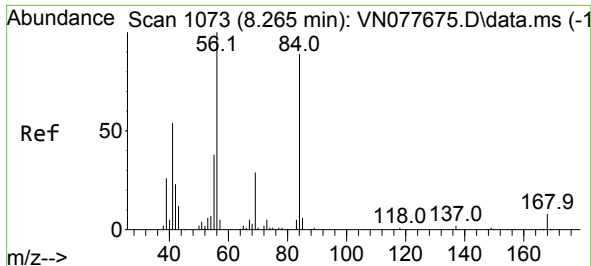
Tgt Ion: 83 Resp: 483619

Ion Ratio Lower Upper

83 100

85 62.7 55.4 83.0

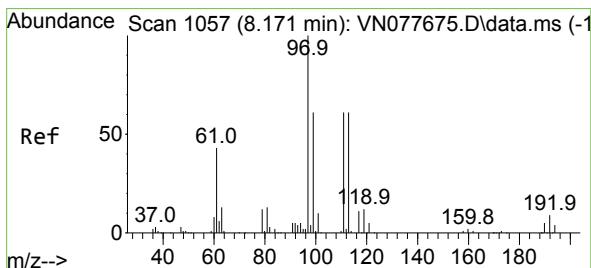
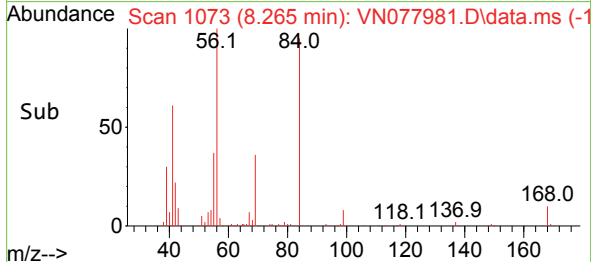
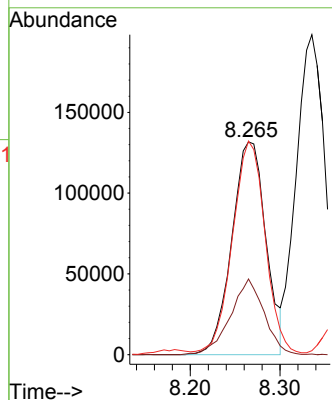
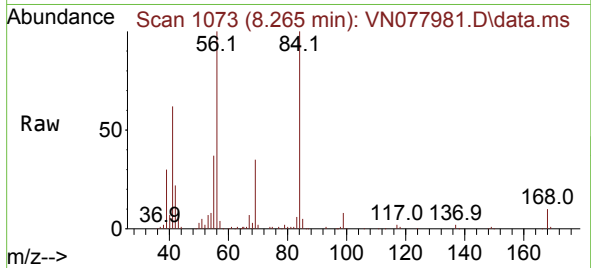




#31
Cyclohexane
Concen: 52.935 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

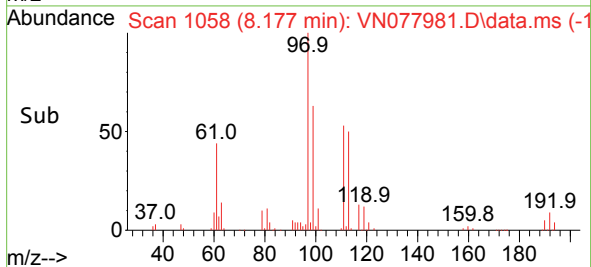
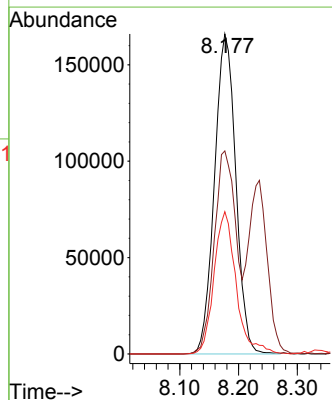
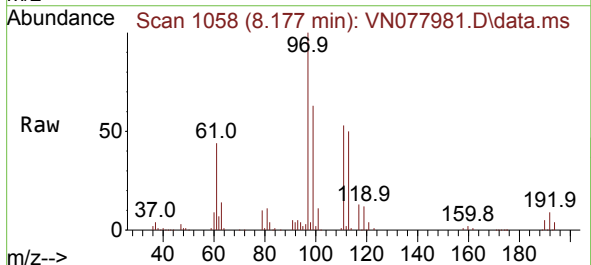
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

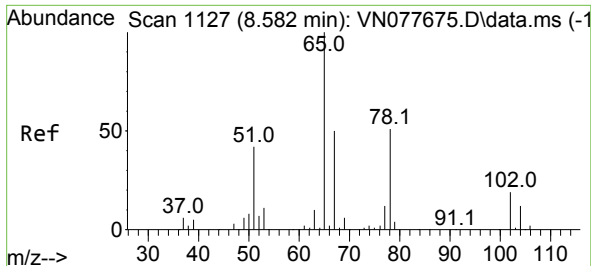
Tgt Ion: 56 Resp: 347696
Ion Ratio Lower Upper
56 100
69 35.6 26.8 40.2
84 98.3 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 62.384 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 97 Resp: 418126
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 46.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.621 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

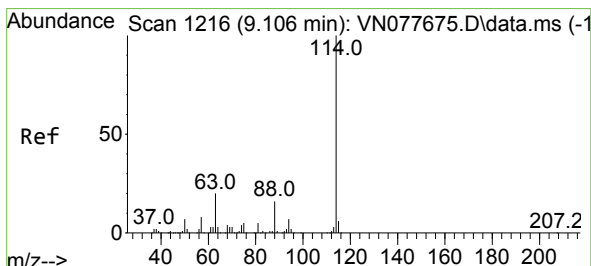
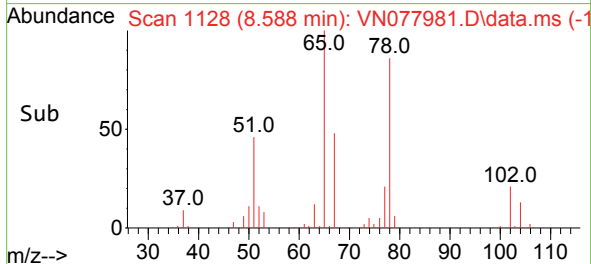
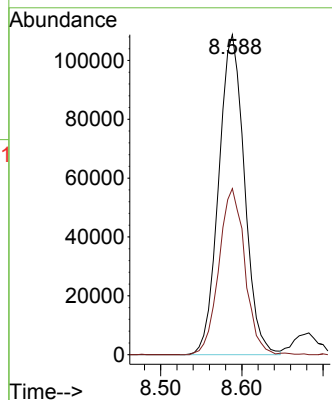
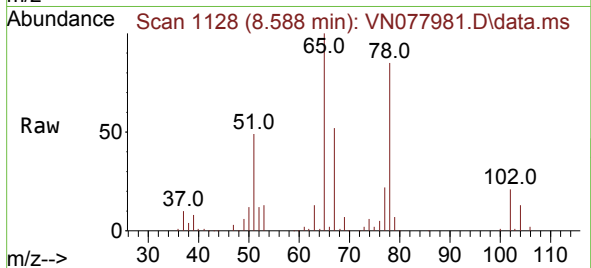
MW33S-20230523MSD

Tgt Ion: 65 Resp: 239809

Ion Ratio Lower Upper

65 100

67 52.5 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: VN077981.D

Acq: 30 May 2023 19:51

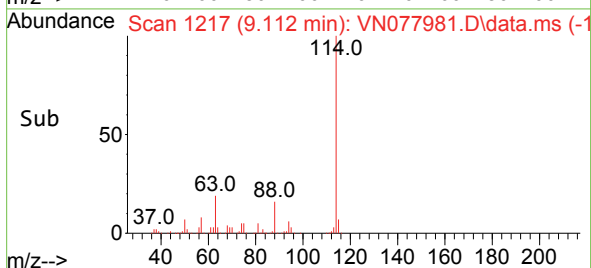
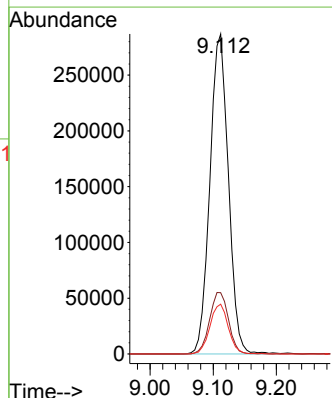
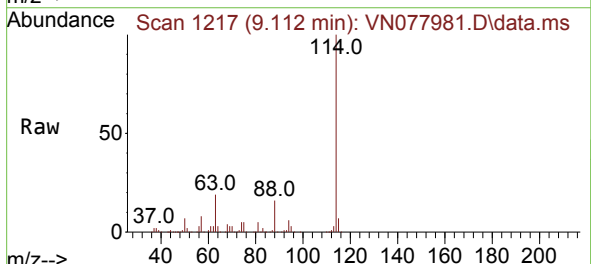
Tgt Ion: 114 Resp: 583099

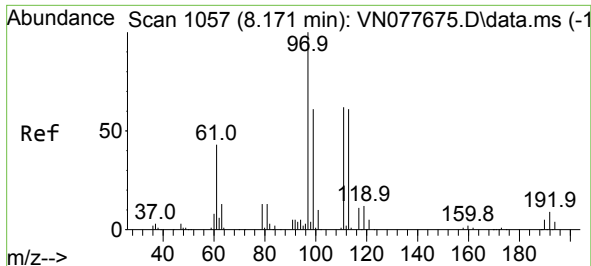
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.453 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD

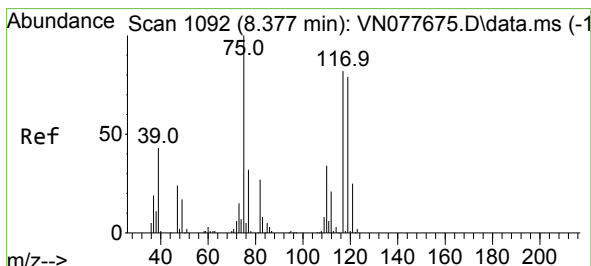
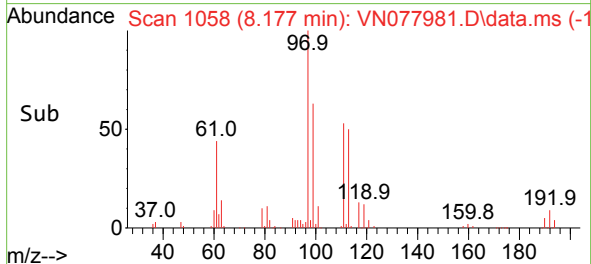
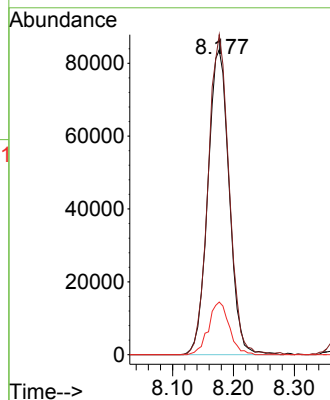
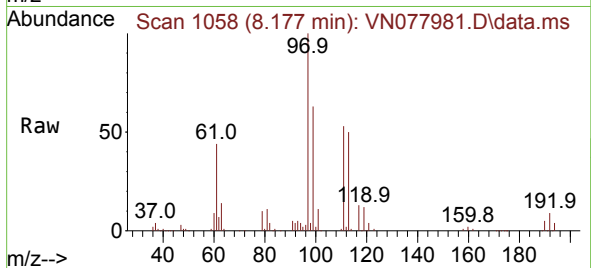
Tgt Ion:113 Resp: 203247

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 16.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 61.457 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

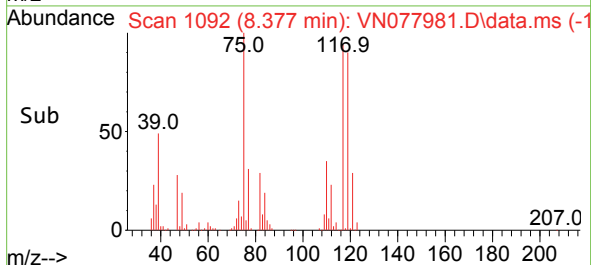
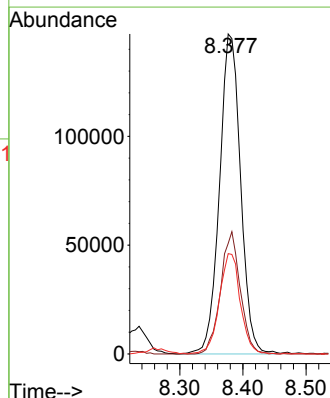
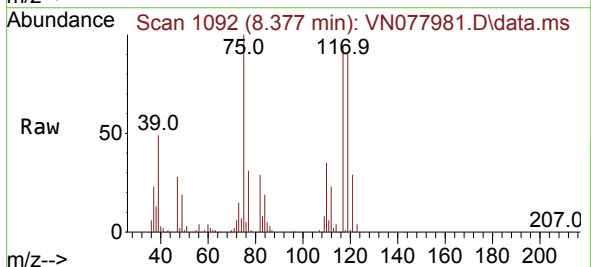
Tgt Ion: 75 Resp: 341791

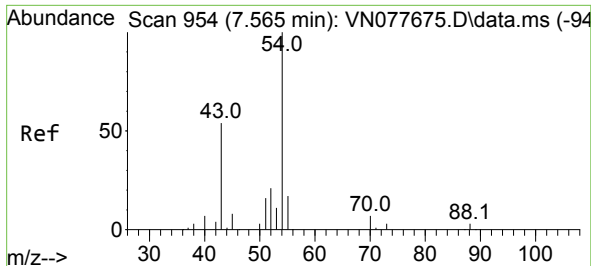
Ion Ratio Lower Upper

75 100

110 35.8 19.1 57.3

77 31.2 25.0 37.4

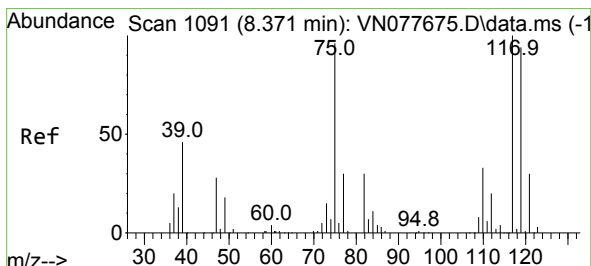
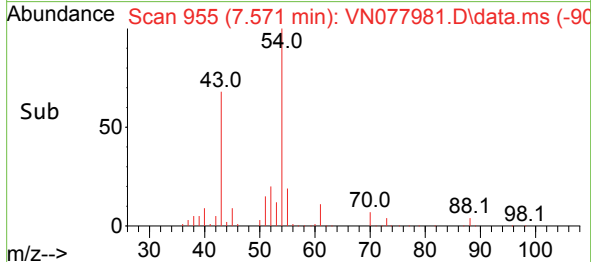
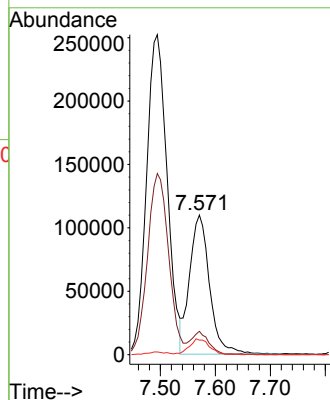
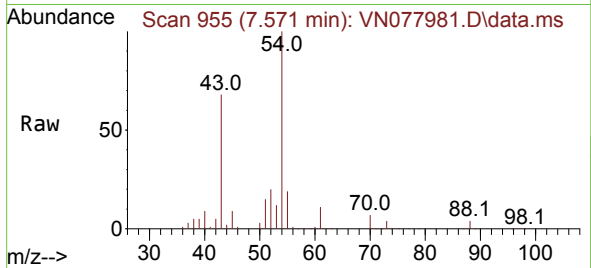




#37
Ethyl Acetate
Concen: 56.081 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

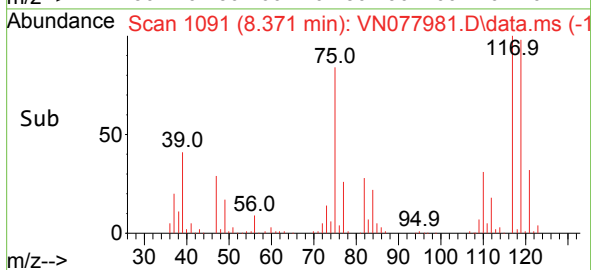
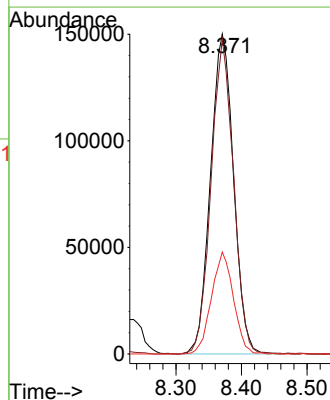
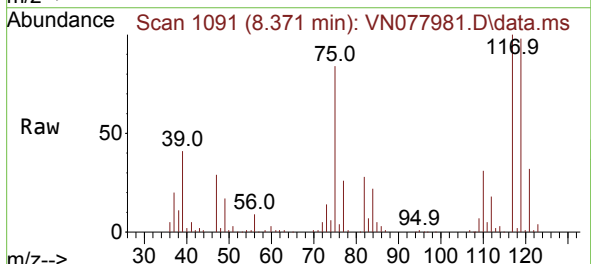
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

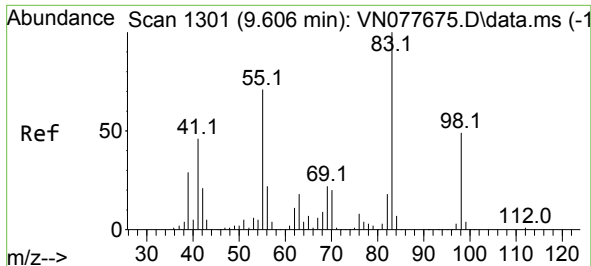
Tgt Ion: 43 Resp: 277995
Ion Ratio Lower Upper
43 100
61 14.7 13.2 19.8
70 11.3 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 65.237 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 117 Resp: 366365
Ion Ratio Lower Upper
117 100
119 98.4 77.3 115.9
121 31.8 23.3 34.9

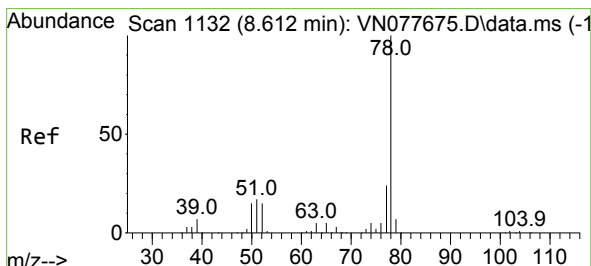
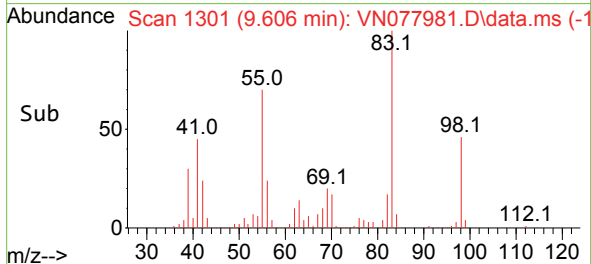
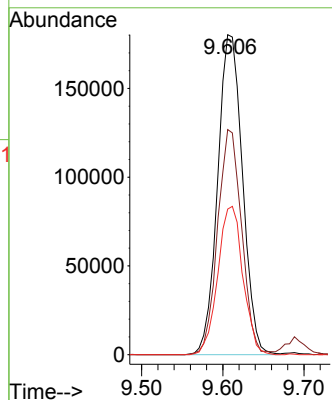
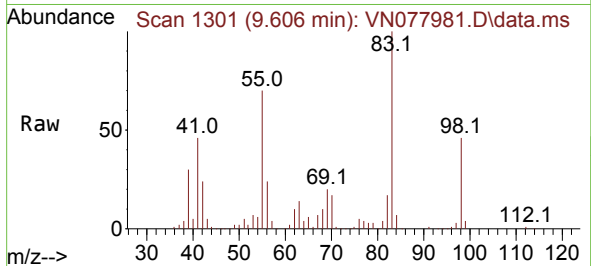




#39
Methylcyclohexane
Concen: 56.438 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

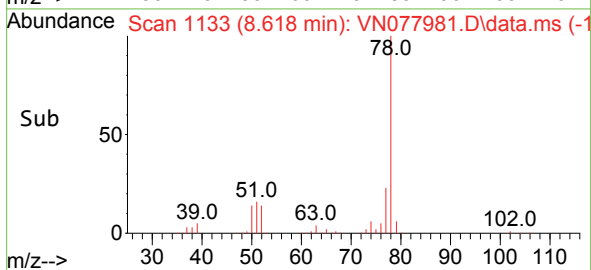
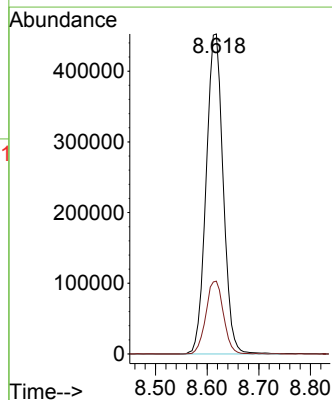
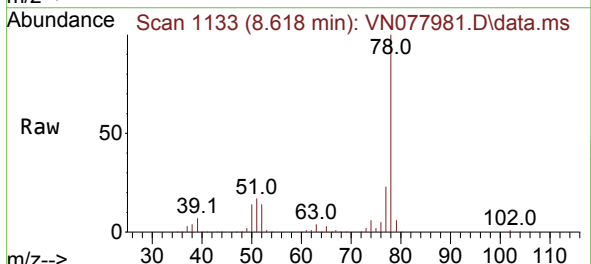
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

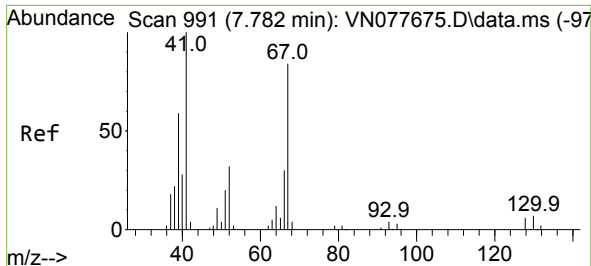
Tgt Ion: 83 Resp: 384265
Ion Ratio Lower Upper
83 100
55 70.3 49.1 73.7
98 45.5 40.6 61.0



#40
Benzene
Concen: 62.995 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 78 Resp: 1033859
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.6

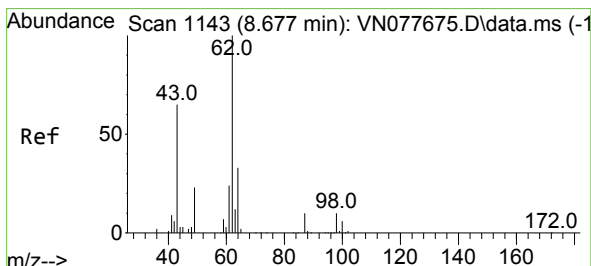
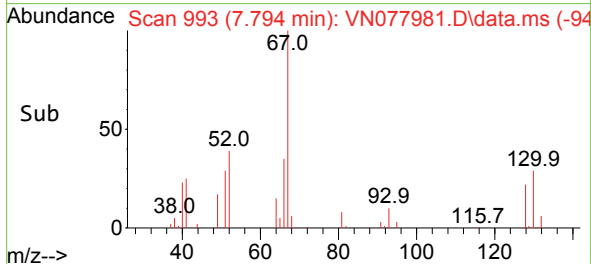
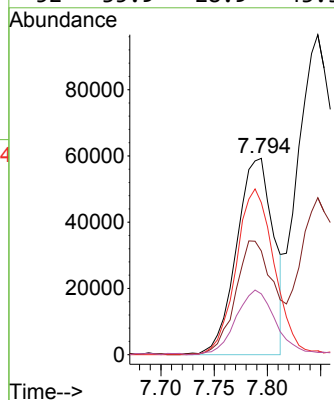
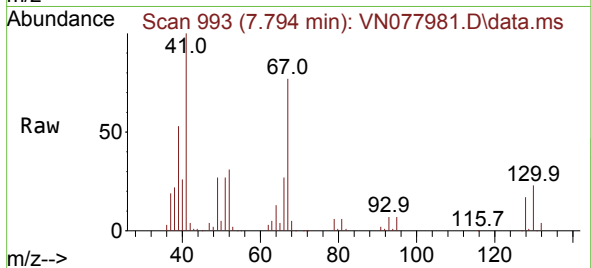




#41
Methacrylonitrile
Concen: 54.250 ug/l
RT: 7.794 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

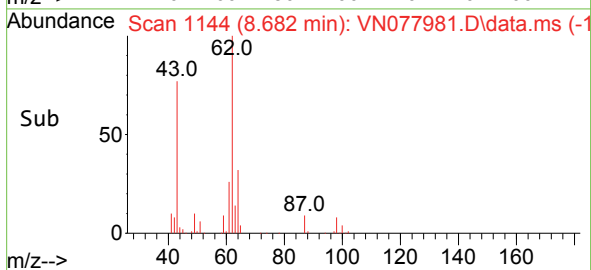
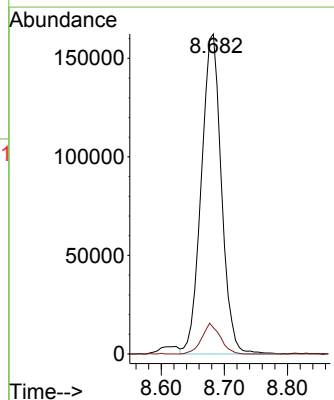
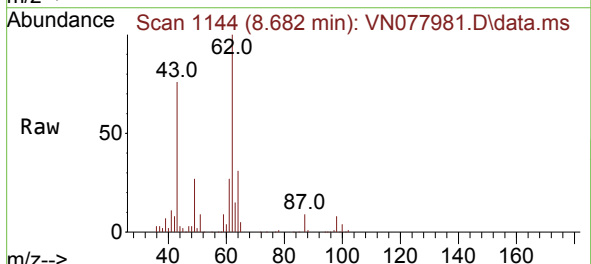
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

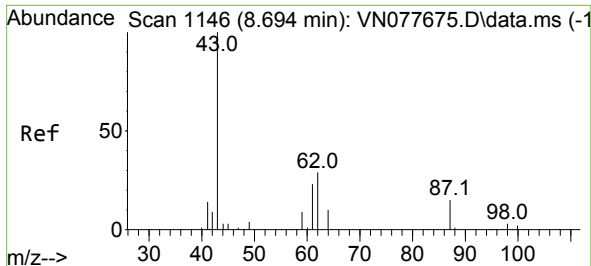
Tgt Ion:	41	Resp:	143215
Ion	Ratio	Lower	Upper
41	100		
39	60.9	42.6	64.0
67	87.7	77.5	116.3
52	35.9	28.9	43.3



#42
1,2-Dichloroethane
Concen: 60.182 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion:	62	Resp:	358785
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.8

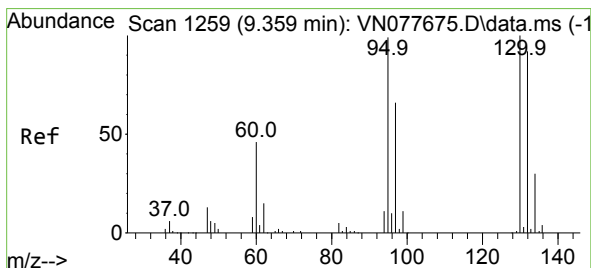
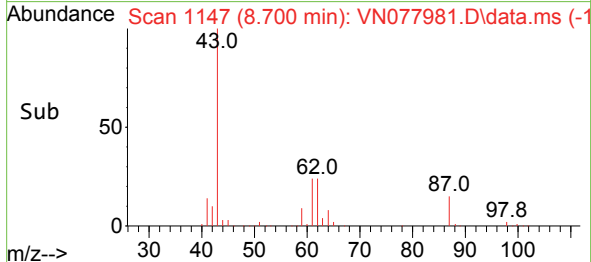
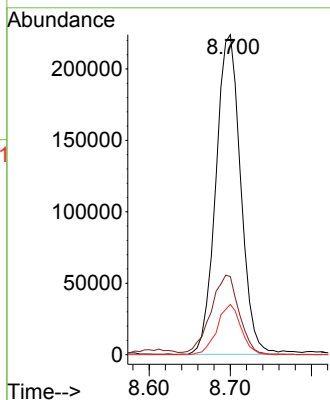
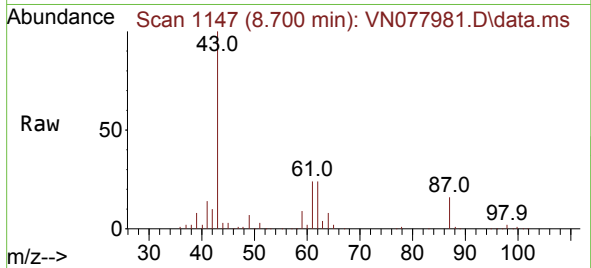




#43
Isopropyl Acetate
Concen: 58.544 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

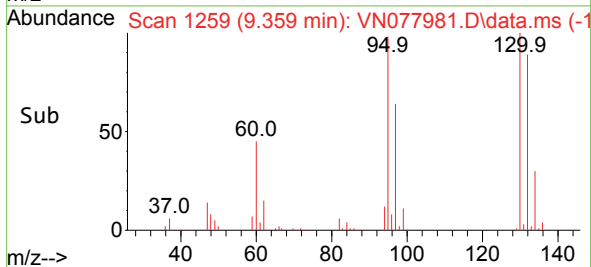
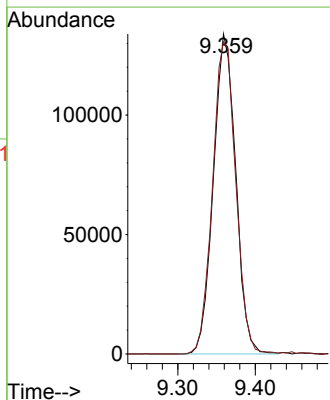
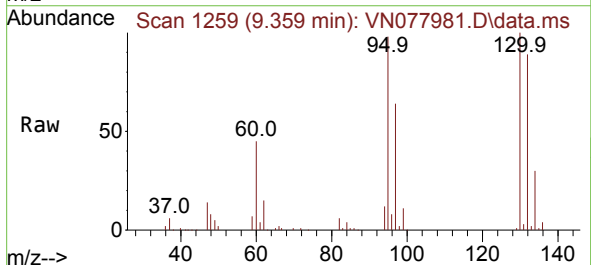
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

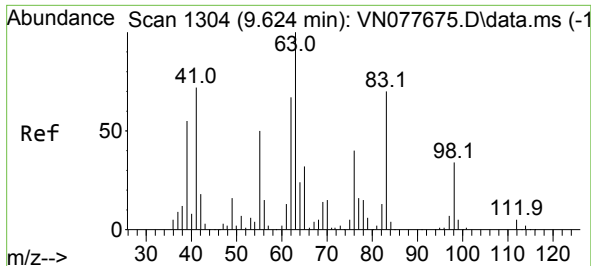
Tgt Ion: 43 Resp: 474017
Ion Ratio Lower Upper
43 100
61 28.9 24.7 37.1
87 15.2 14.6 21.8



#44
Trichloroethene
Concen: 64.584 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion:130 Resp: 268387
Ion Ratio Lower Upper
130 100
95 97.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 62.936 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

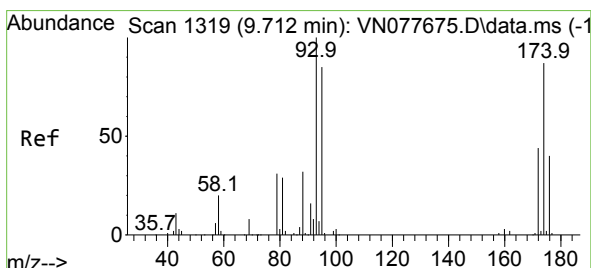
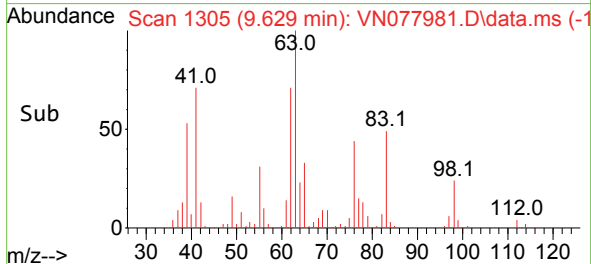
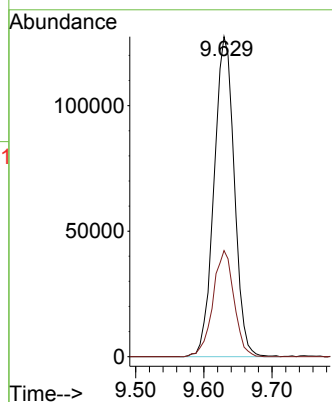
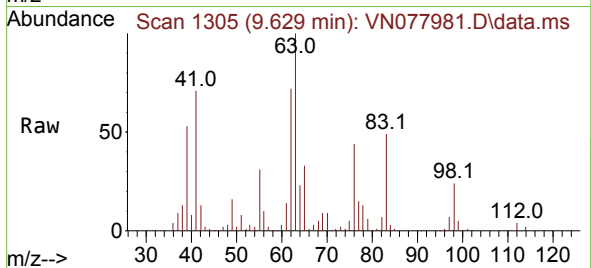
MW33S-20230523MSD

Tgt Ion: 63 Resp: 263462

Ion Ratio Lower Upper

63 100

65 33.2 23.9 35.9



#46

Dibromomethane

Concen: 61.897 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

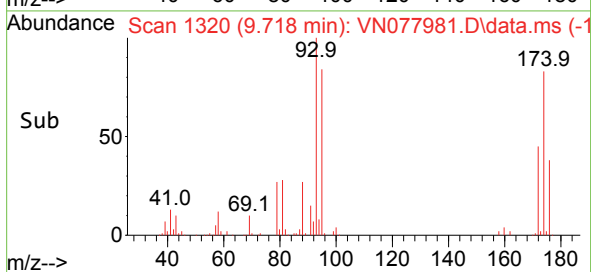
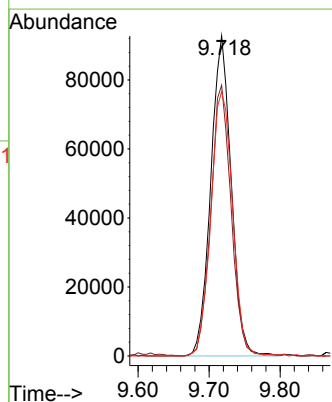
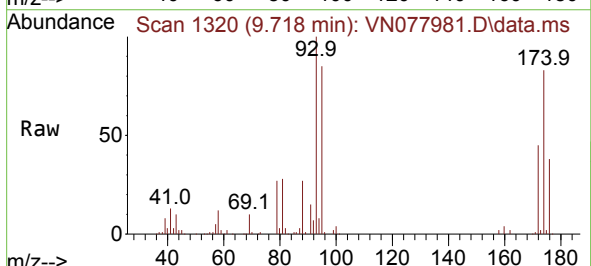
Tgt Ion: 93 Resp: 185411

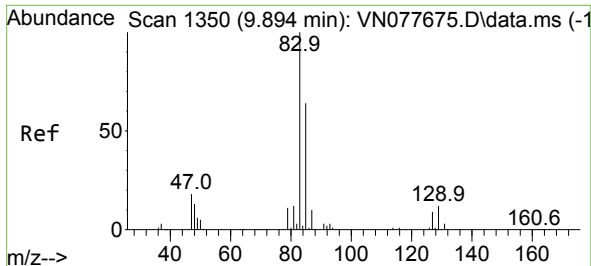
Ion Ratio Lower Upper

93 100

95 84.0 63.8 95.8

174 87.4 65.6 98.4

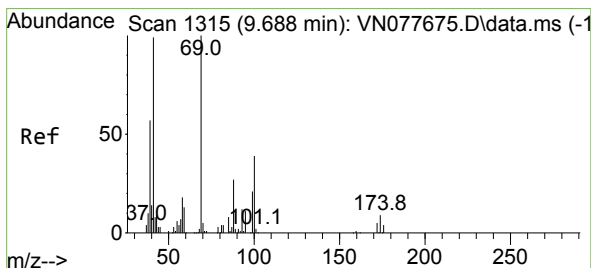
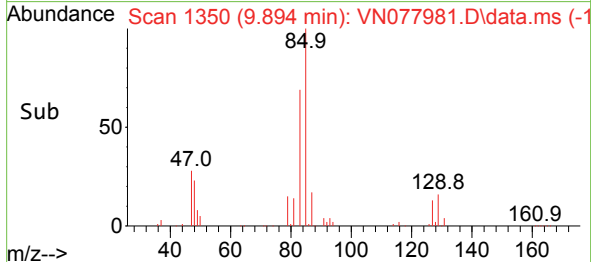
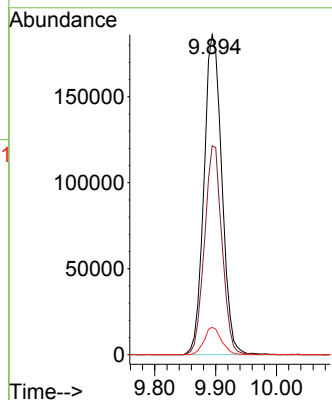
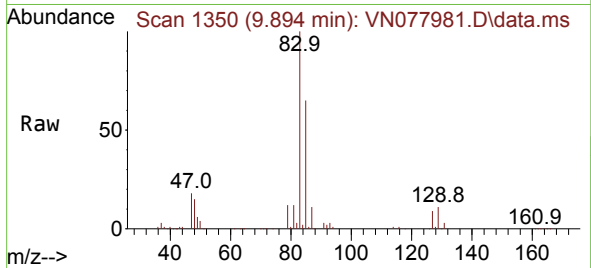




#47
Bromodichloromethane
Concen: 66.196 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

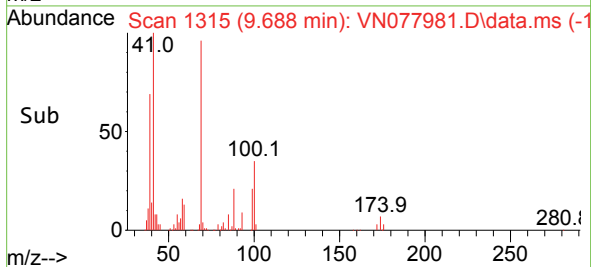
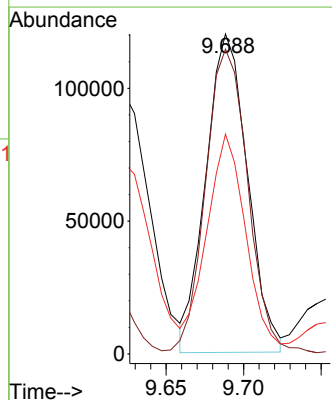
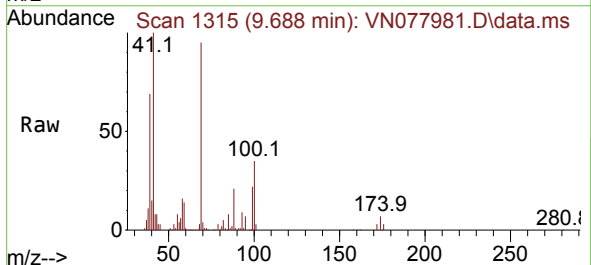
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

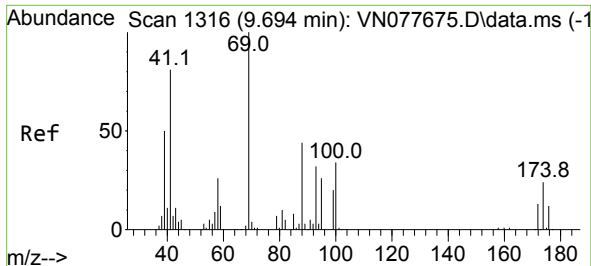
Tgt Ion: 83 Resp: 379624
Ion Ratio Lower Upper
83 100
85 65.2 49.6 74.4
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 58.388 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 41 Resp: 224143
Ion Ratio Lower Upper
41 100
69 98.5 90.4 135.6
39 65.2 54.6 81.8





#49

1,4-Dioxane

Concen: 1284.296 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD

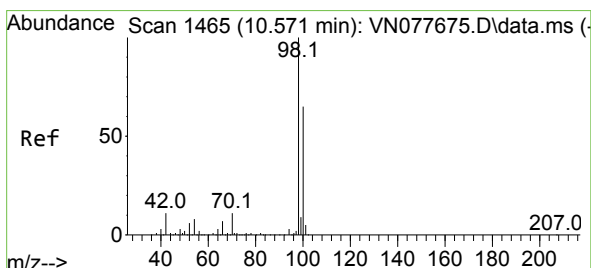
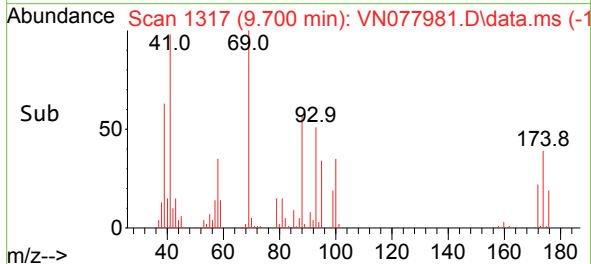
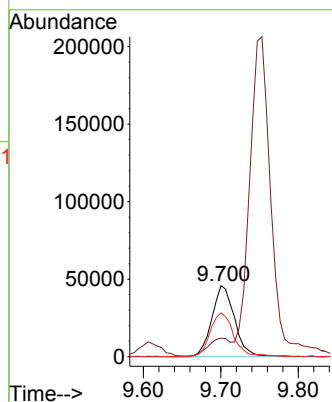
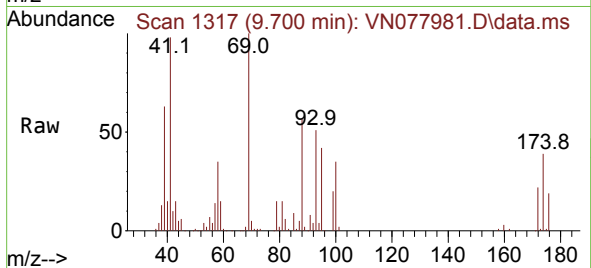
Tgt Ion: 88 Resp: 93118

Ion Ratio Lower Upper

88 100

43 23.6 17.0 25.6

58 63.9 47.0 70.4



#50

Toluene-d8

Concen: 50.894 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN077981.D

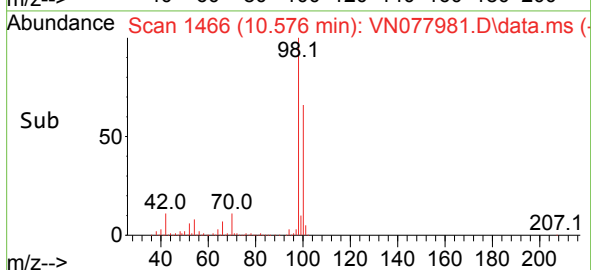
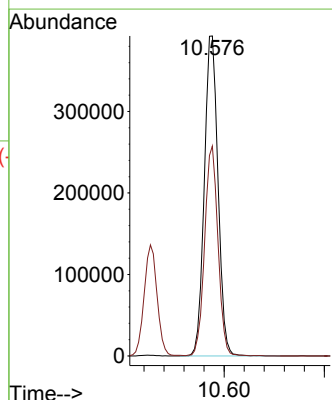
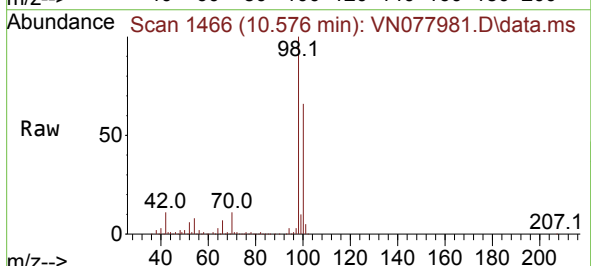
Acq: 30 May 2023 19:51

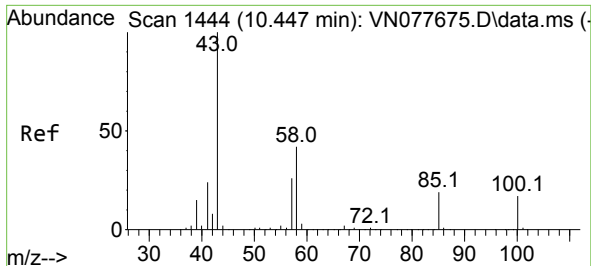
Tgt Ion: 98 Resp: 744860

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 300.648 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.006 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

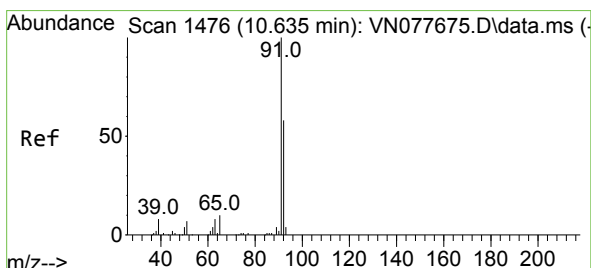
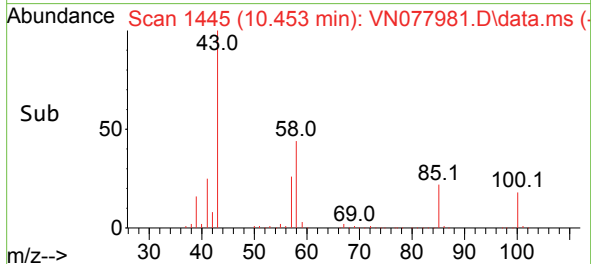
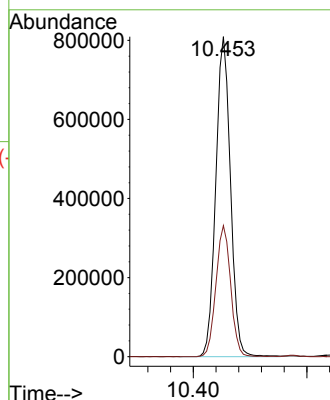
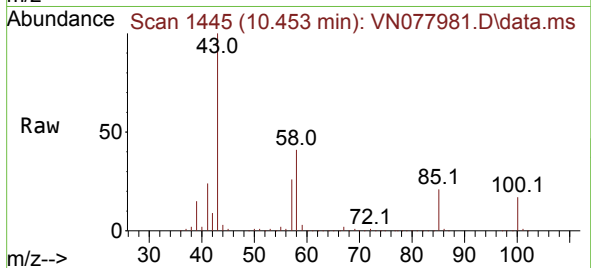
MW33S-20230523MSD

Tgt Ion: 43 Resp: 1446963

Ion Ratio Lower Upper

43 100

58 41.1 36.6 54.8



#52

Toluene

Concen: 64.037 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN077981.D

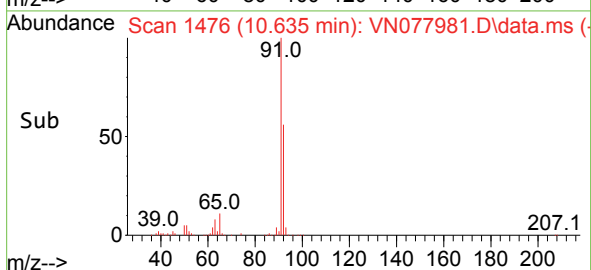
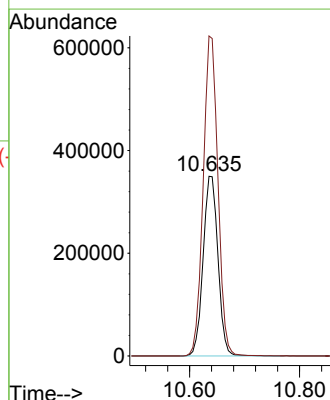
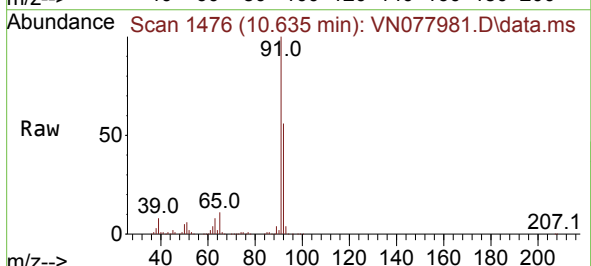
Acq: 30 May 2023 19:51

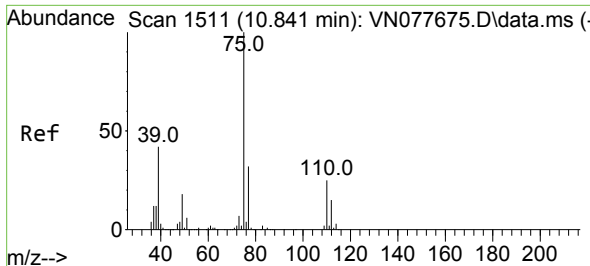
Tgt Ion: 92 Resp: 654275

Ion Ratio Lower Upper

92 100

91 177.1 137.4 206.0

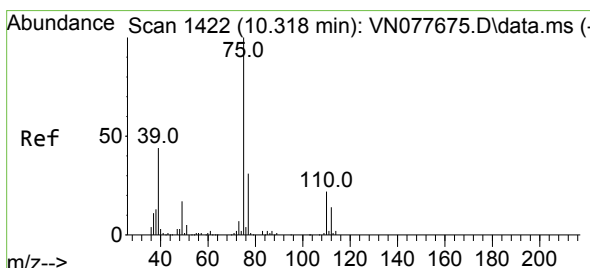
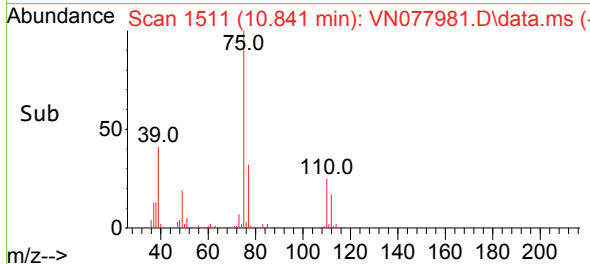
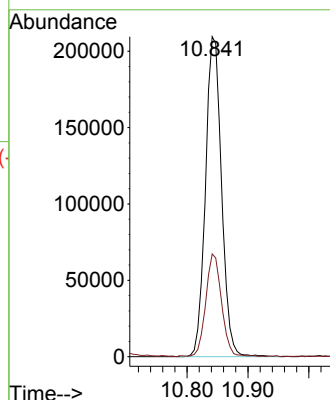
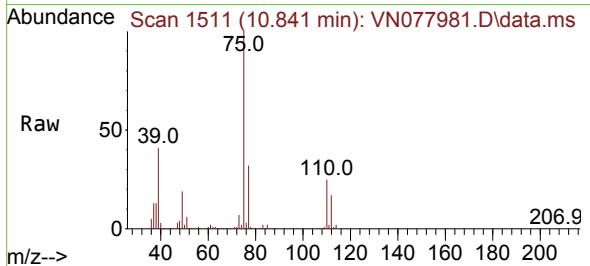




#53
t-1,3-Dichloropropene
Concen: 63.231 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

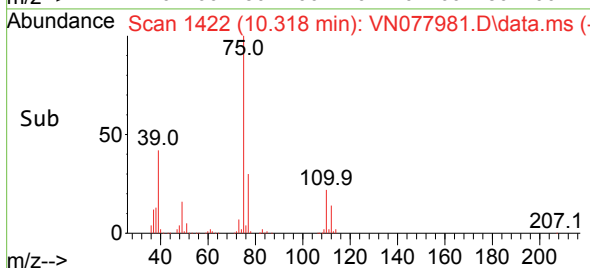
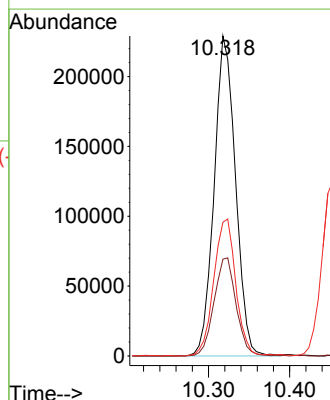
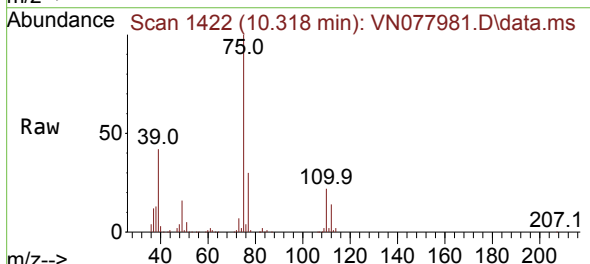
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

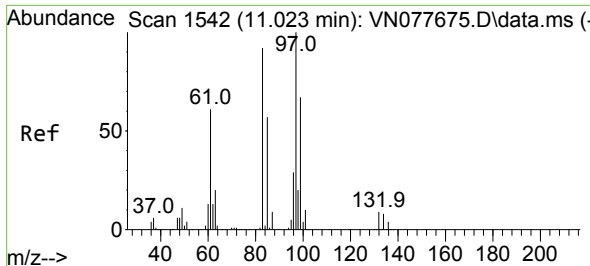
Tgt Ion: 75 Resp: 384005
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 62.630 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 75 Resp: 419156
Ion Ratio Lower Upper
75 100
77 30.2 26.1 39.1
39 41.8 31.6 47.4

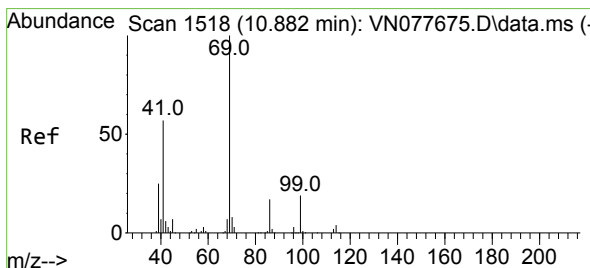
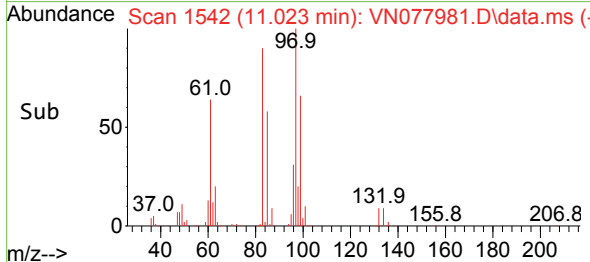
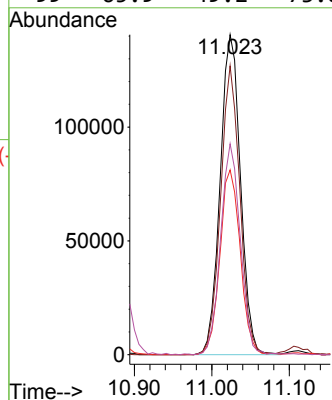
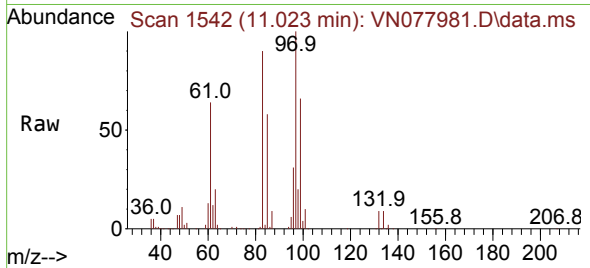




#55
1,1,2-Trichloroethane
Concen: 63.268 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

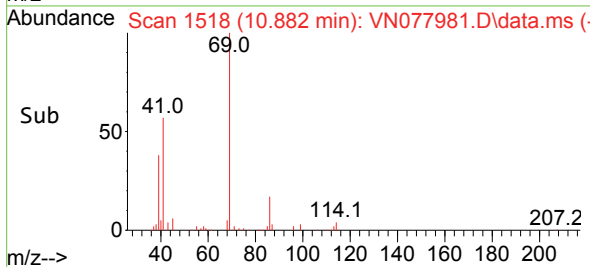
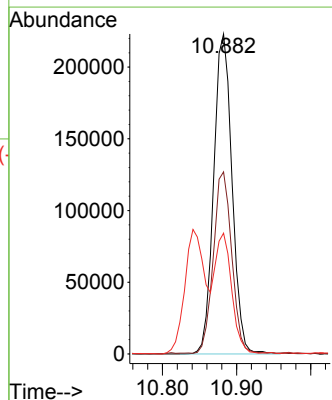
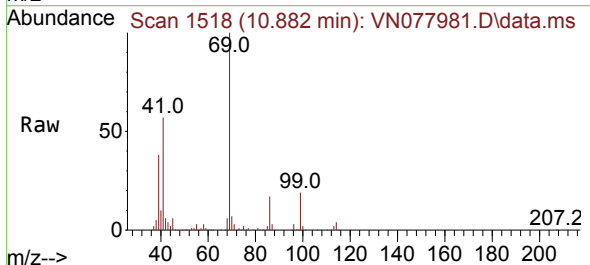
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

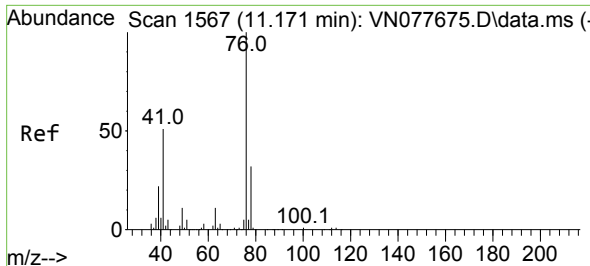
Tgt Ion:	97	Resp:	256668
Ion	Ratio	Lower	Upper
97	100		
83	90.2	65.1	97.7
85	57.7	43.4	65.2
99	65.9	49.2	73.8



#56
Ethyl methacrylate
Concen: 62.531 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion:	69	Resp:	383558
Ion	Ratio	Lower	Upper
69	100		
41	56.6	39.6	59.4
39	33.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 62.981 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

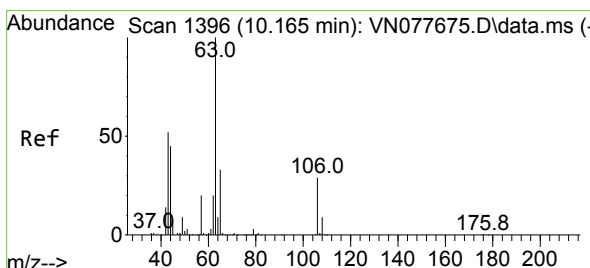
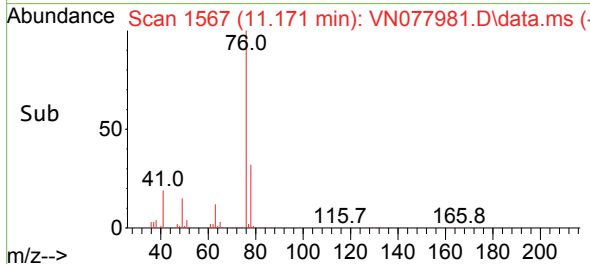
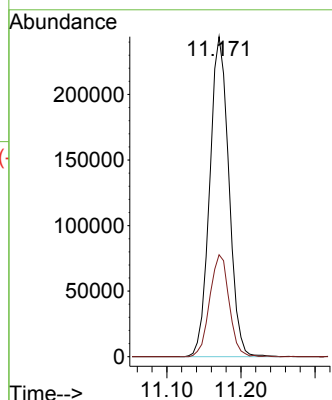
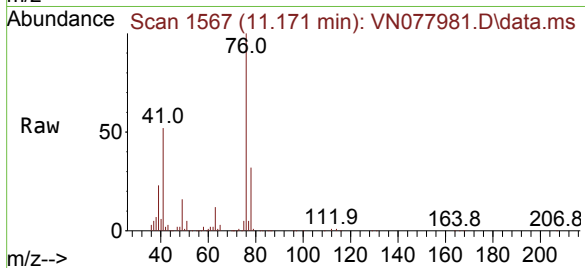
MW33S-20230523MSD

Tgt Ion: 76 Resp: 438011

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 251.650 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN077981.D

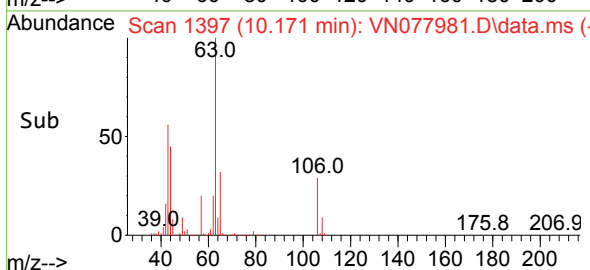
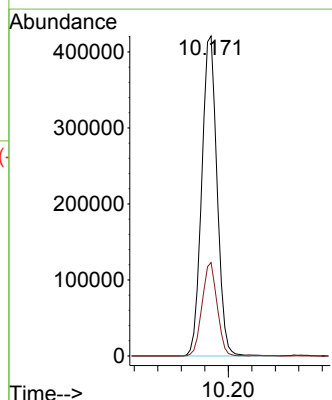
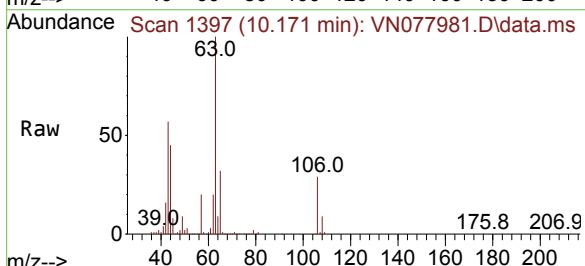
Acq: 30 May 2023 19:51

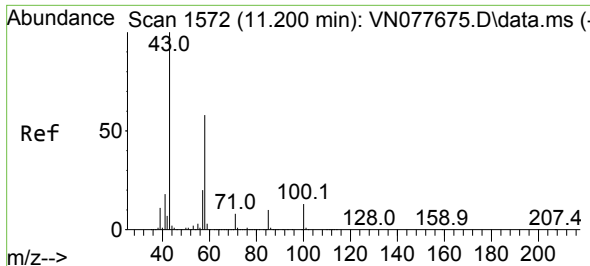
Tgt Ion: 63 Resp: 759389

Ion Ratio Lower Upper

63 100

106 28.7 26.2 39.4

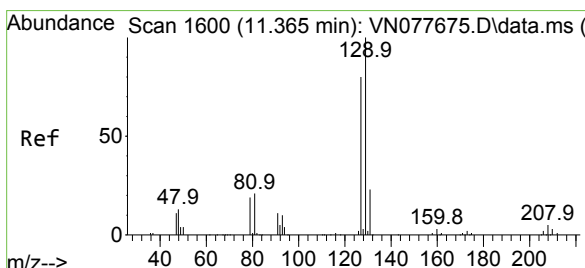
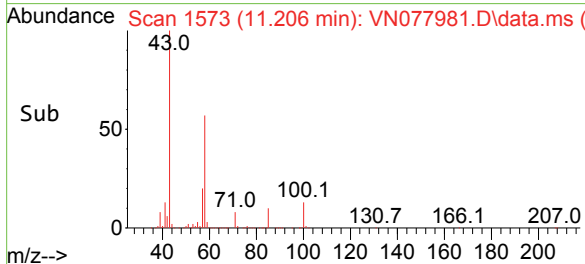
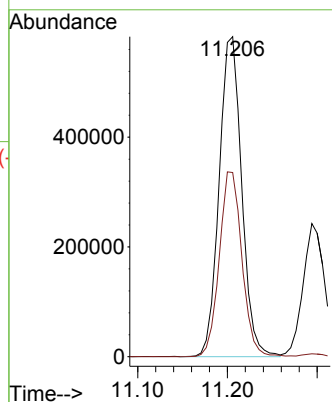
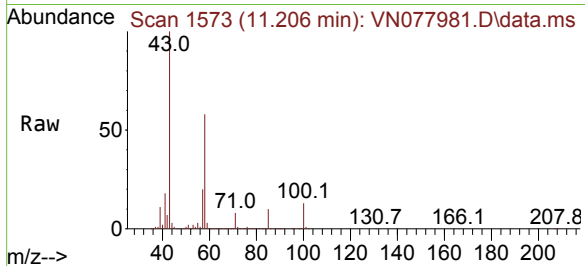




#59
2-Hexanone
Concen: 285.661 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

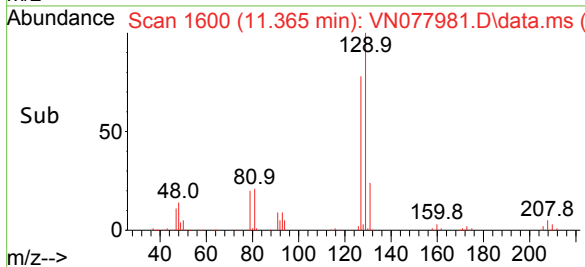
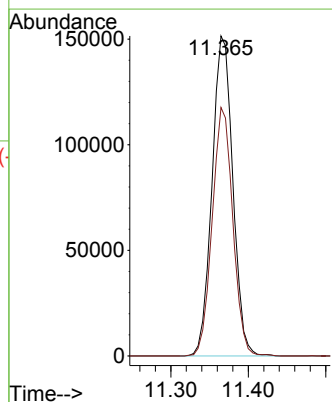
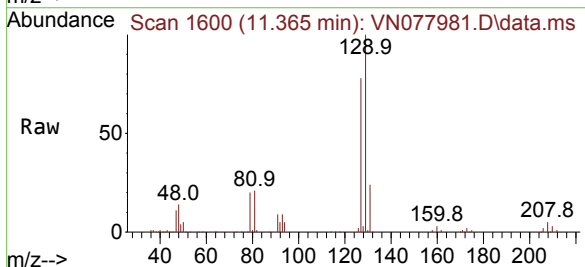
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

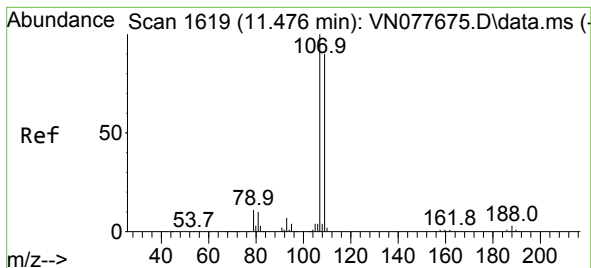
Tgt Ion: 43 Resp: 1016909
Ion Ratio Lower Upper
43 100
58 58.1 31.7 95.1



#60
Dibromochloromethane
Concen: 67.302 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion:129 Resp: 281864
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0

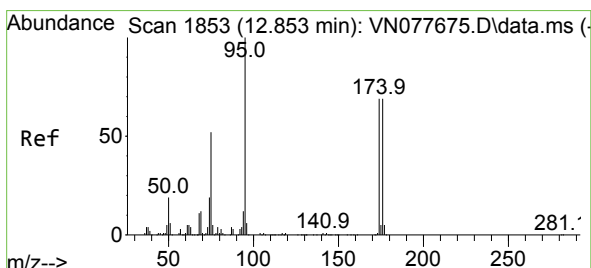
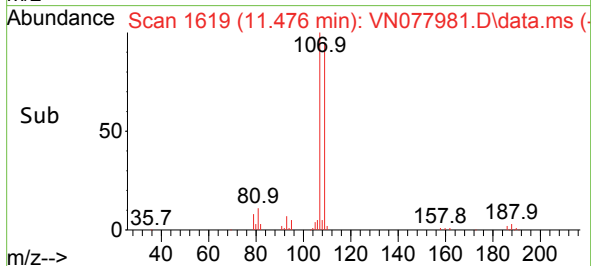
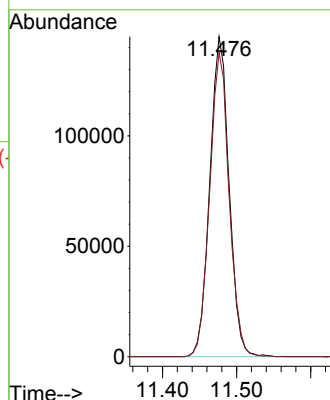
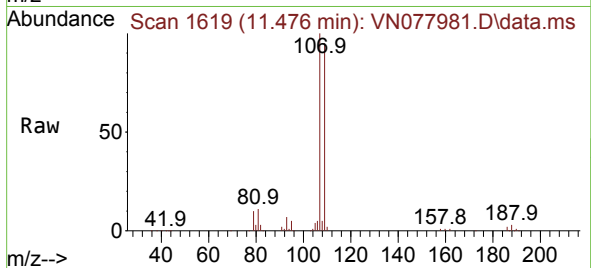




#61
1,2-Dibromoethane
Concen: 64.705 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

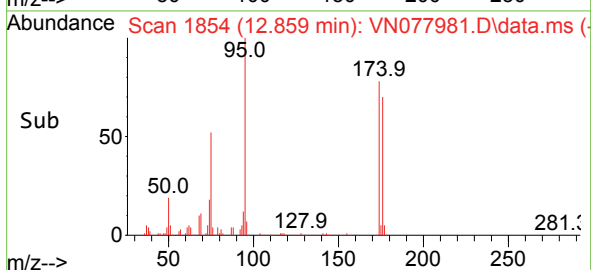
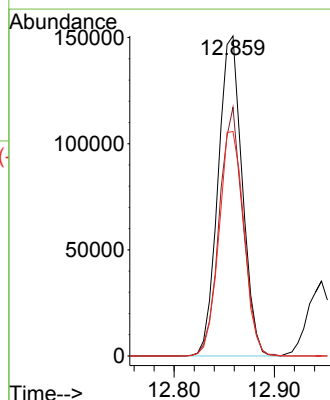
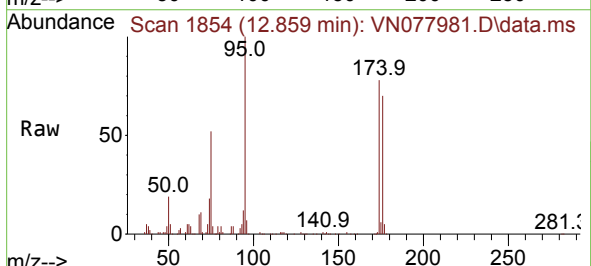
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

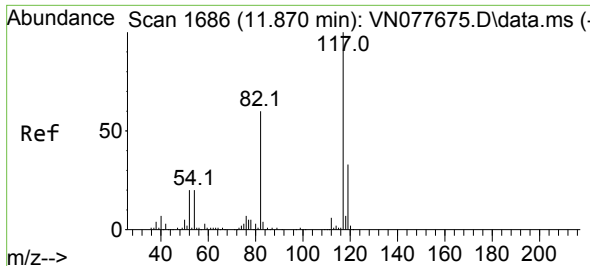
Tgt Ion:107 Resp: 261871
Ion Ratio Lower Upper
107 100
109 95.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.818 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 95 Resp: 252337
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 72.8 0.0 135.8

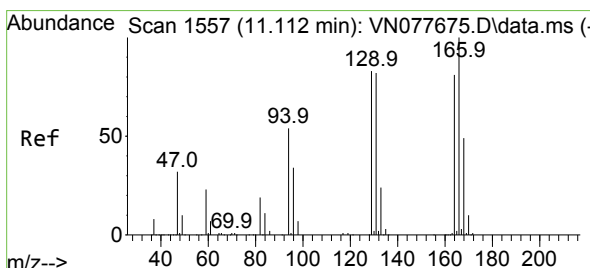
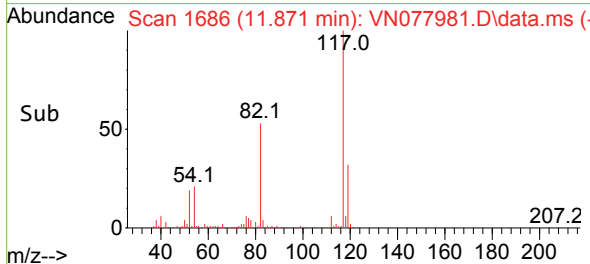
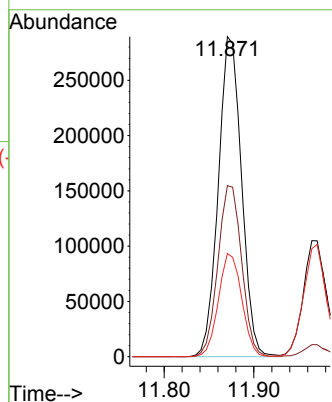
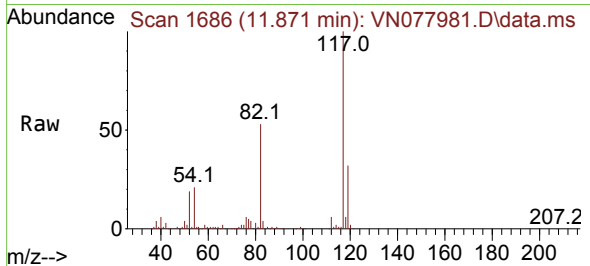




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

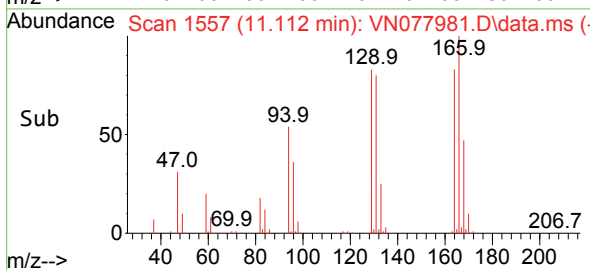
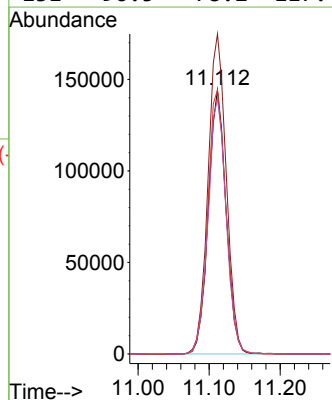
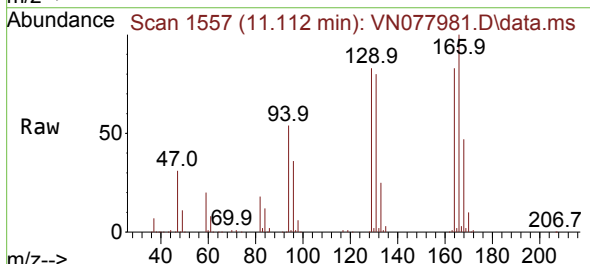
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

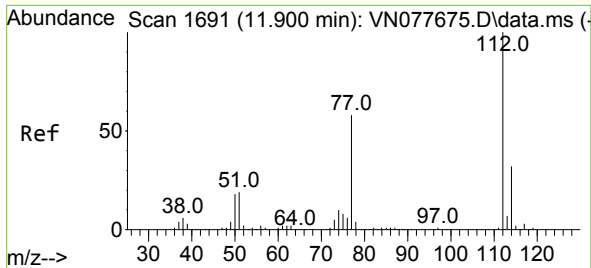
Tgt Ion:117 Resp: 520840
Ion Ratio Lower Upper
117 100
82 53.5 44.0 66.0
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 69.078 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion:164 Resp: 251607
Ion Ratio Lower Upper
164 100
166 121.2 101.4 152.0
129 100.0 82.4 123.6
131 96.5 78.2 117.4

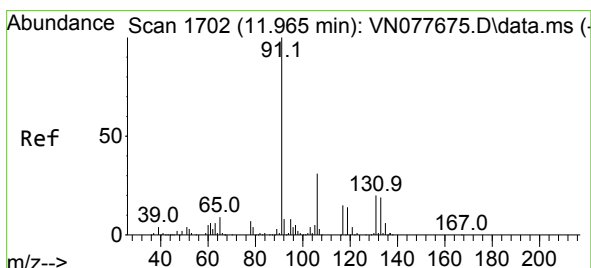
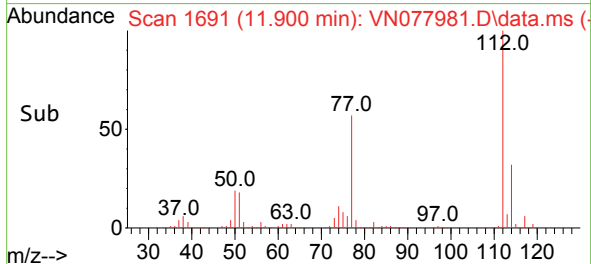
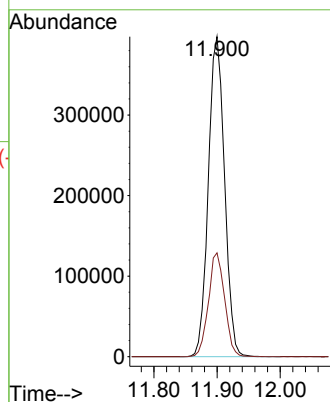
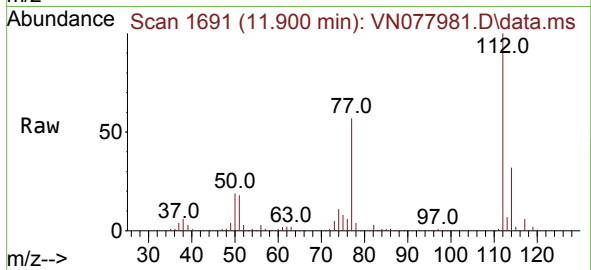




#65
Chlorobenzene
Concen: 62.788 ug/l
RT: 11.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

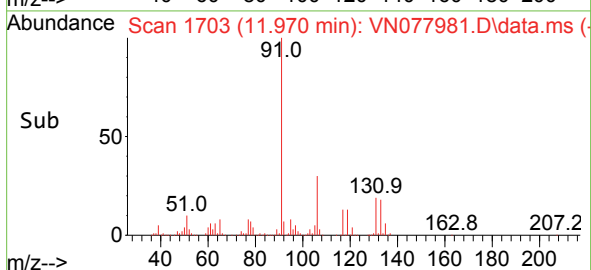
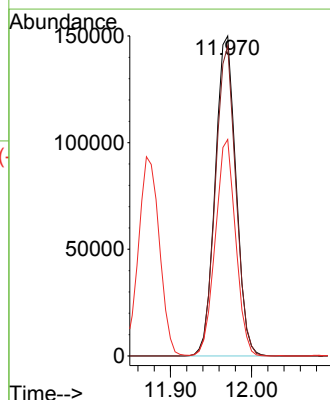
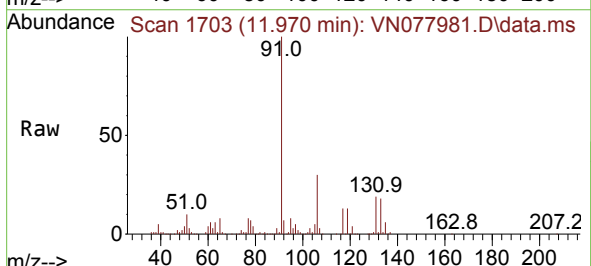
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

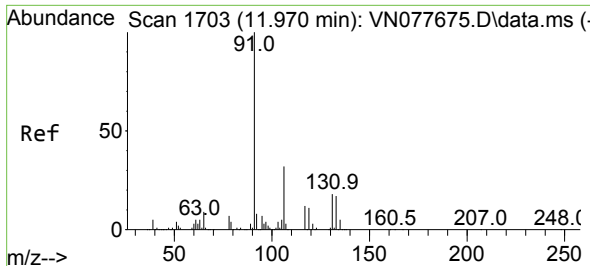
Tgt Ion:112 Resp: 708957
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 68.277 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion:131 Resp: 266753
Ion Ratio Lower Upper
131 100
133 95.5 46.4 139.1
119 66.4 34.1 102.2

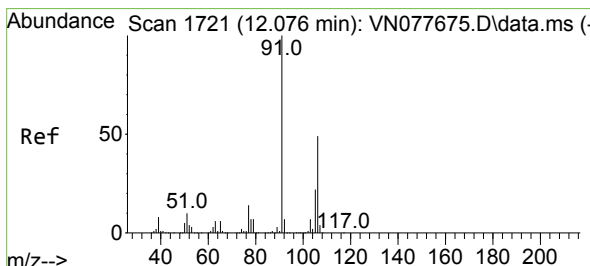
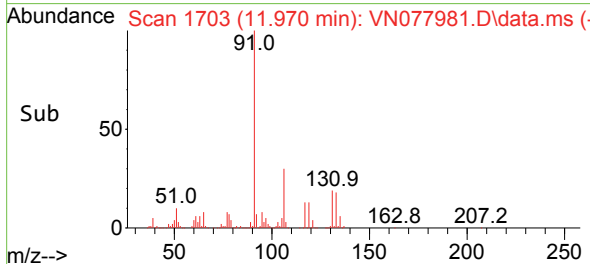
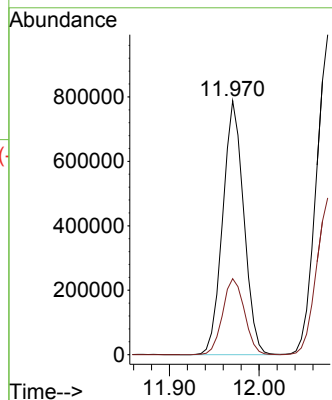
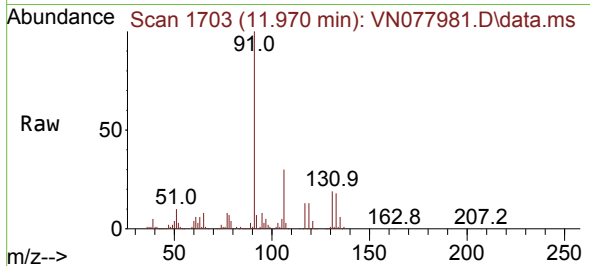




#67
Ethyl Benzene
Concen: 63.450 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

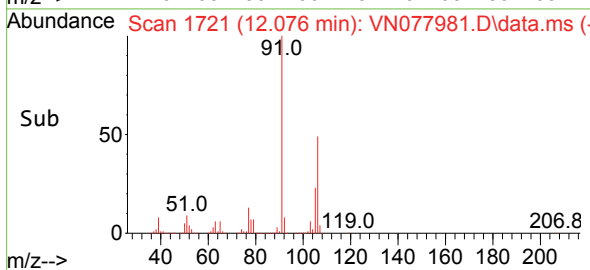
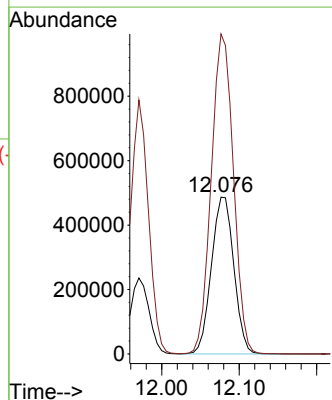
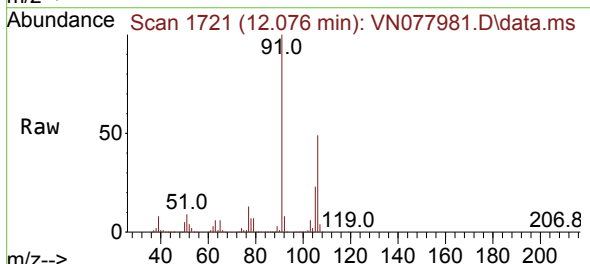
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

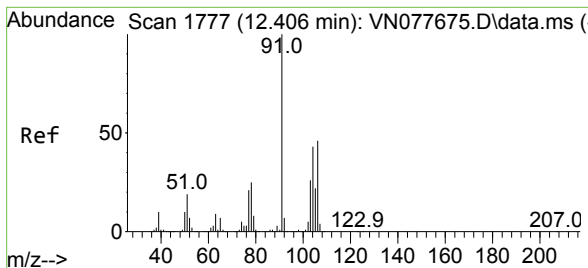
Tgt Ion: 91 Resp: 1283871
Ion Ratio Lower Upper
91 100
106 29.9 25.6 38.4



#68
m/p-Xylenes
Concen: 127.878 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 106 Resp: 980440
Ion Ratio Lower Upper
106 100
91 201.9 159.6 239.4





#69

o-Xylene

Concen: 63.580 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

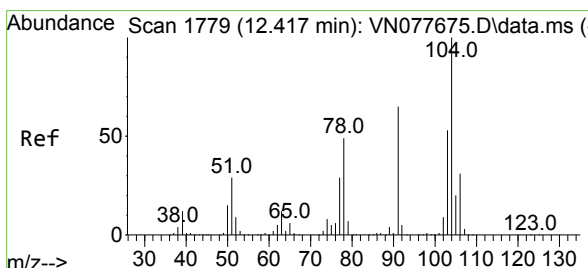
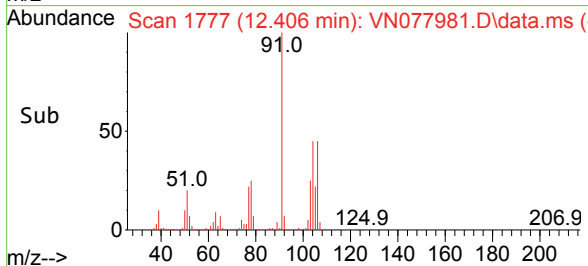
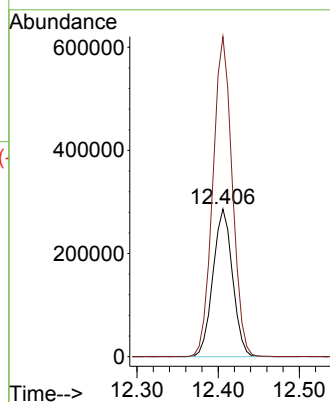
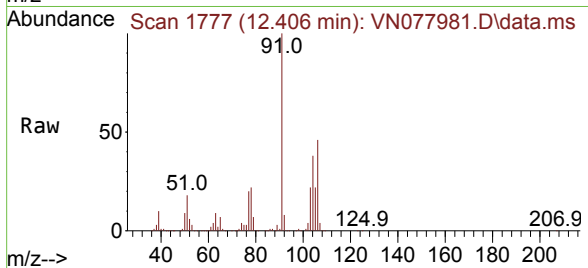
MW33S-20230523MSD

Tgt Ion:106 Resp: 479400

Ion Ratio Lower Upper

106 100

91 215.4 105.2 315.5



#70

Styrene

Concen: 64.566 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.001 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

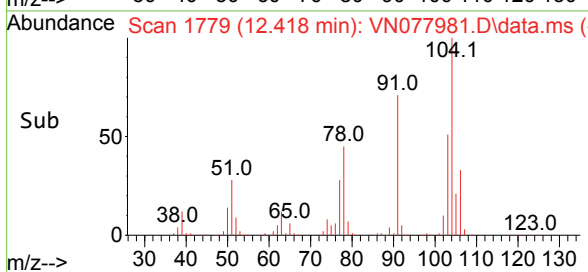
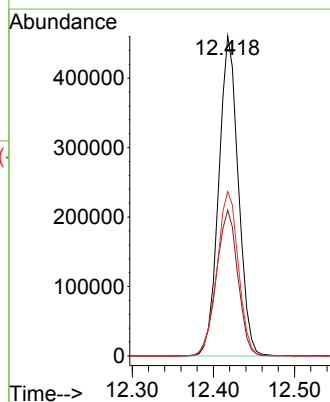
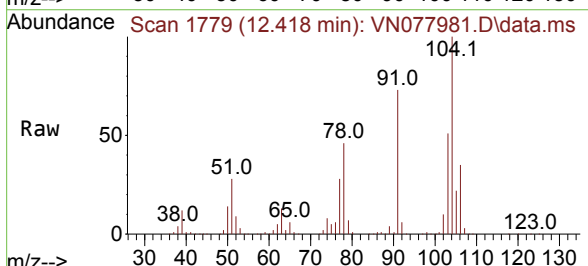
Tgt Ion:104 Resp: 773372

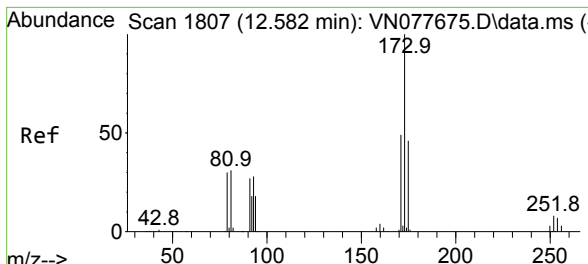
Ion Ratio Lower Upper

104 100

78 49.8 39.5 59.3

103 56.2 43.2 64.8

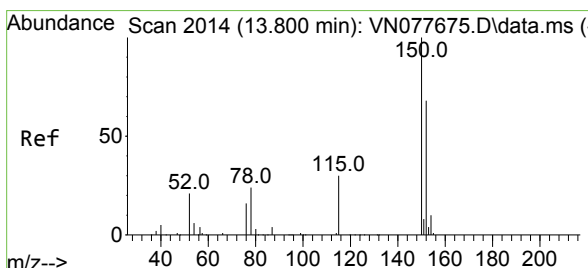
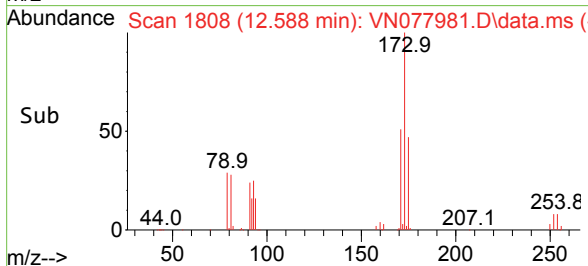
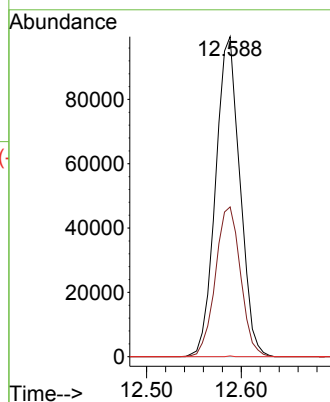
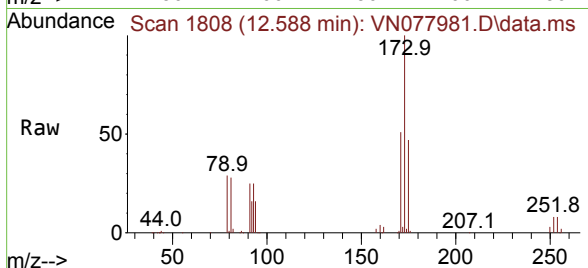




#71
Bromoform
Concen: 68.309 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

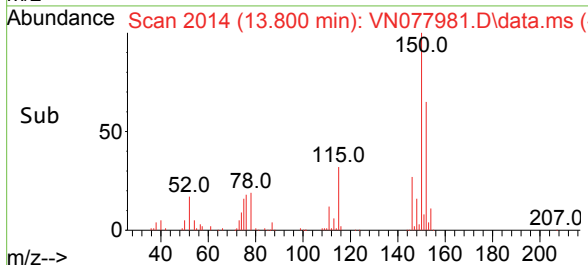
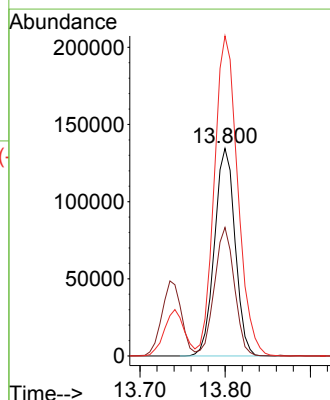
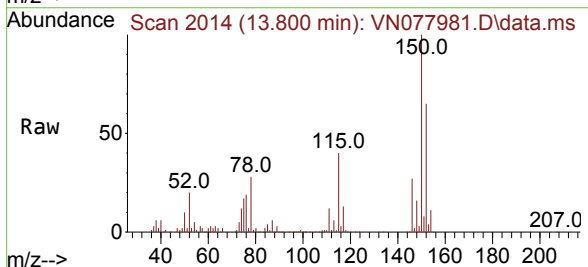
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

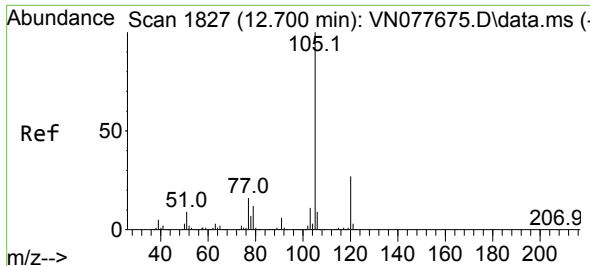
Tgt Ion:173 Resp: 177536
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion:152 Resp: 225594
Ion Ratio Lower Upper
152 100
115 60.1 32.3 96.8
150 175.3 0.0 355.8

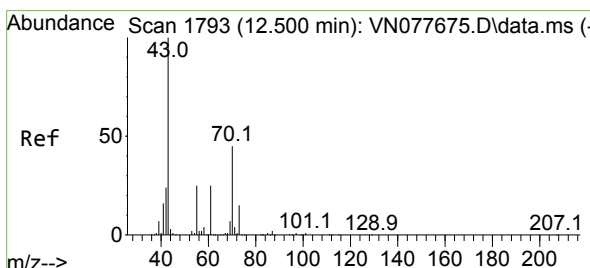
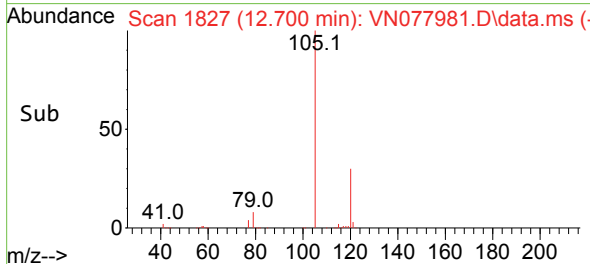
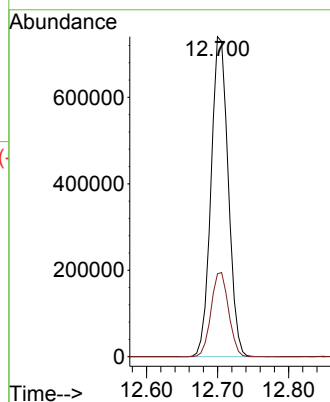
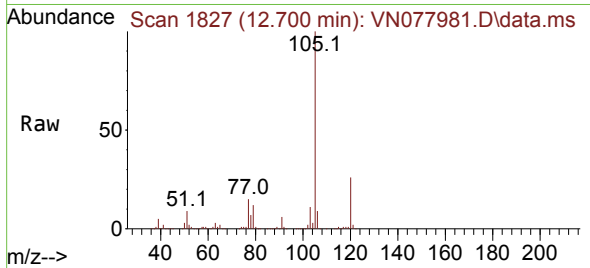




#73
Isopropylbenzene
Concen: 63.941 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

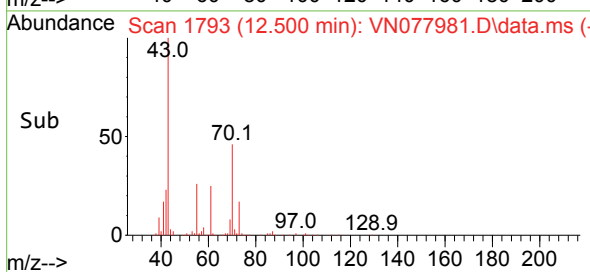
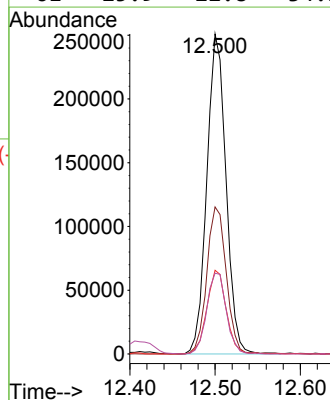
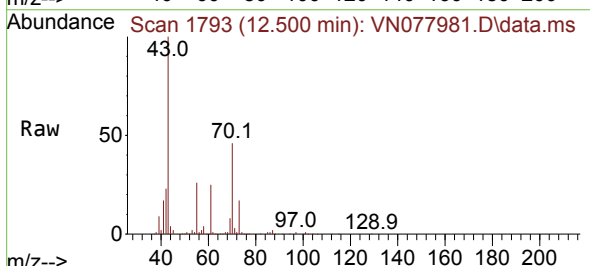
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

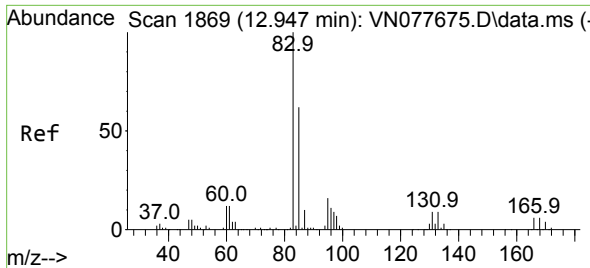
Tgt Ion:105 Resp: 1243422
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1



#74
N-ethyl acetate
Concen: 54.559 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 43 Resp: 392165
Ion Ratio Lower Upper
43 100
70 46.8 43.4 65.2
55 26.6 21.4 32.0
61 25.9 22.8 34.2

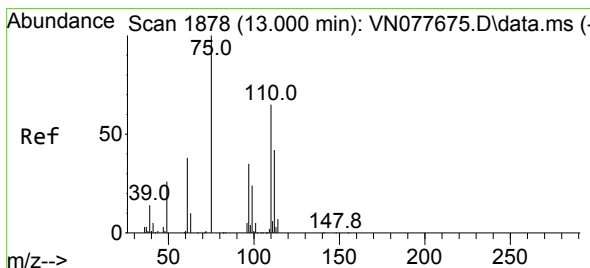
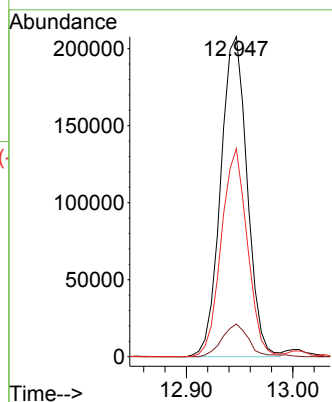
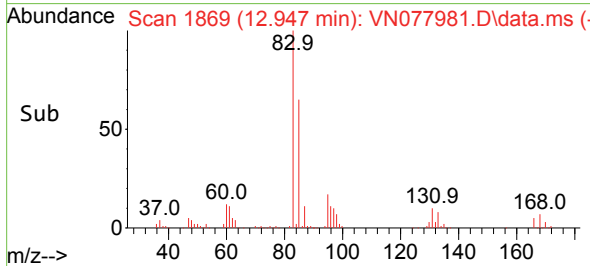
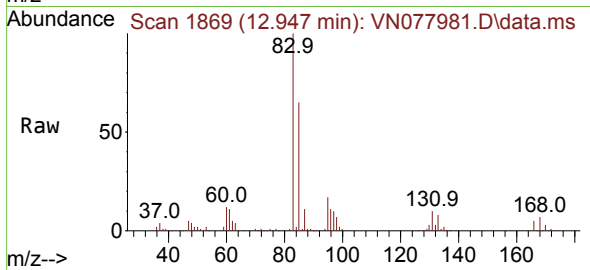




#75
1,1,2,2-Tetrachloroethane
Concen: 60.011 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

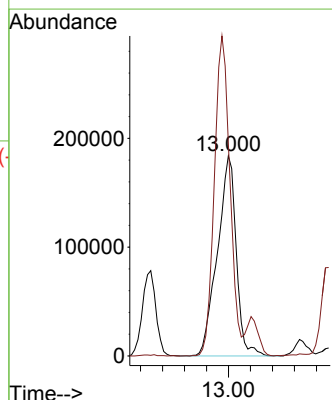
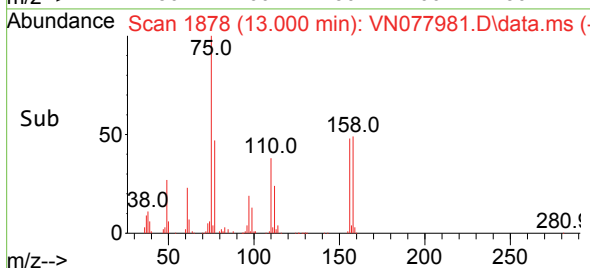
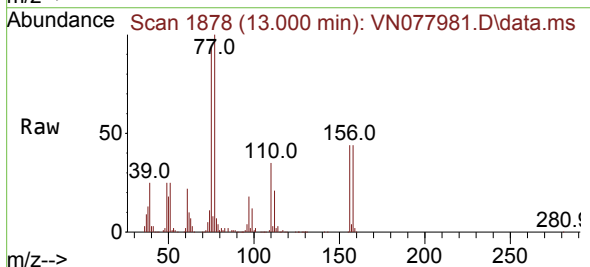
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

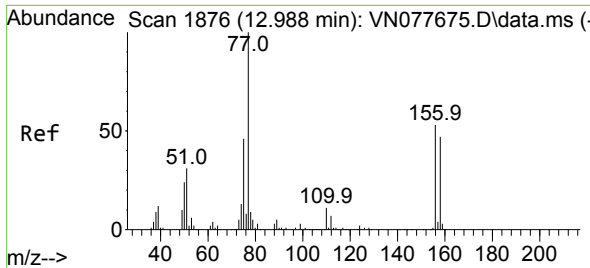
Tgt Ion: 83 Resp: 359012
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 63.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 77.537 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 75 Resp: 438062
Ion Ratio Lower Upper
75 100
77 132.1 84.5 253.5

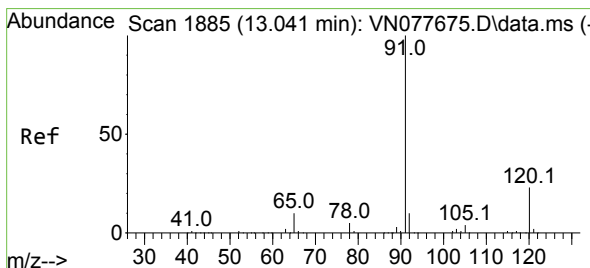
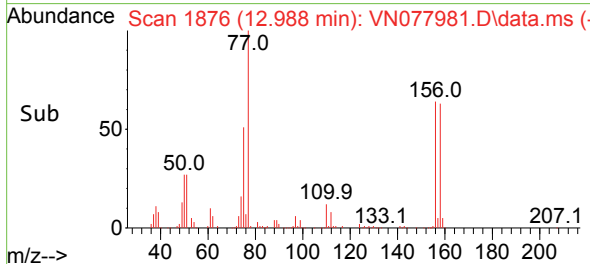
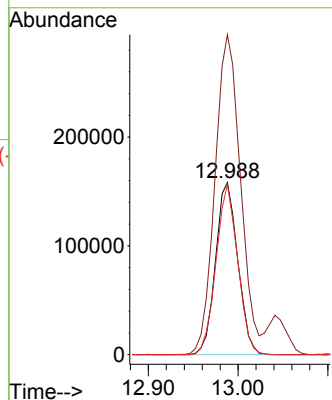
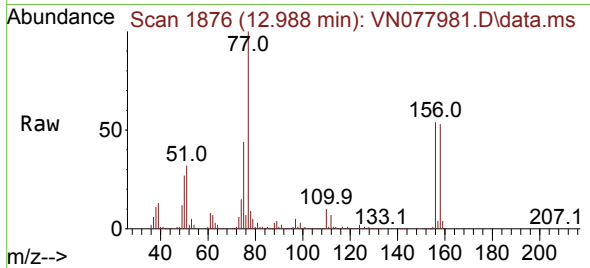




#77
Bromobenzene
Concen: 61.246 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

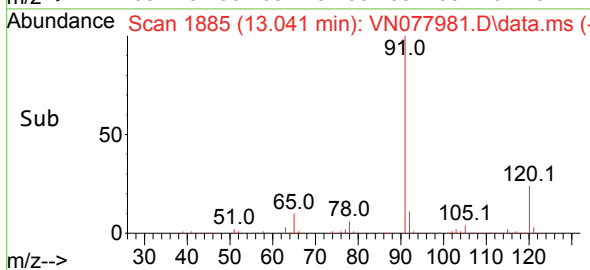
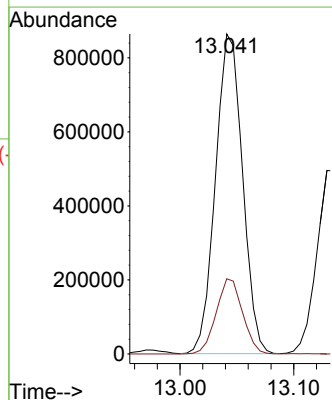
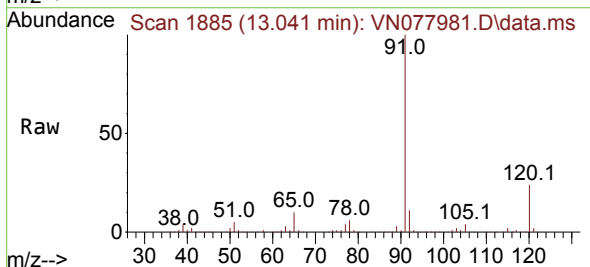
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

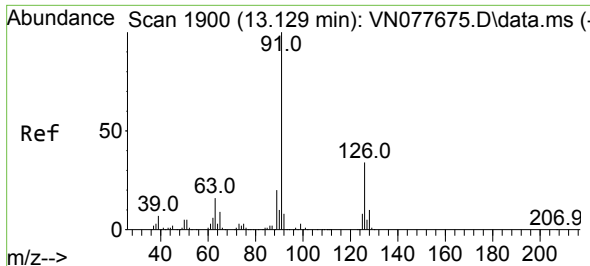
Tgt Ion:156 Resp: 271794
Ion Ratio Lower Upper
156 100
77 213.0 107.7 323.3
158 96.3 48.4 145.3



#78
n-propylbenzene
Concen: 62.304 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 91 Resp: 1428380
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

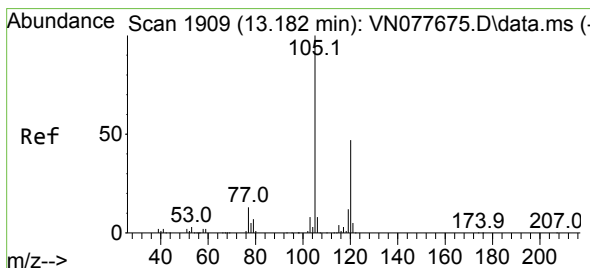
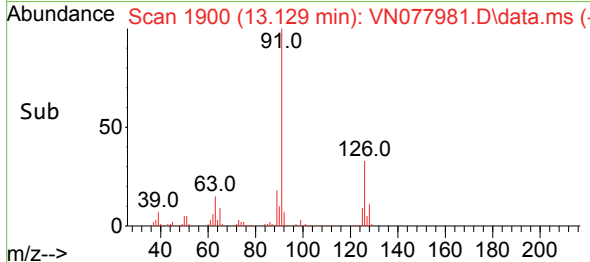
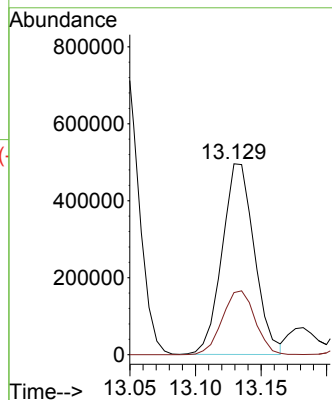
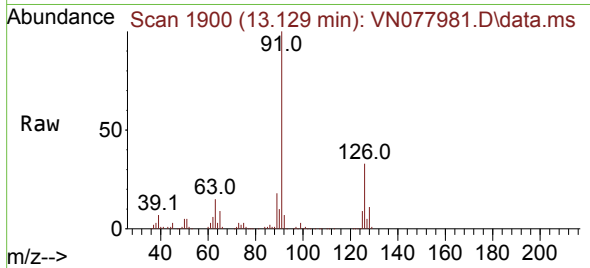




#79
2-Chlorotoluene
Concen: 62.095 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

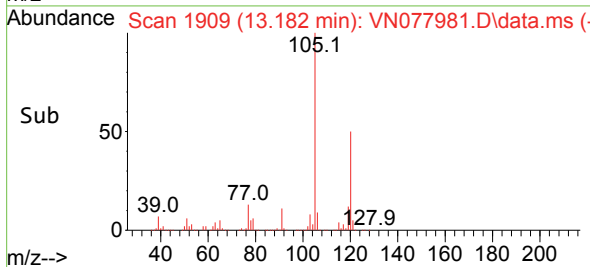
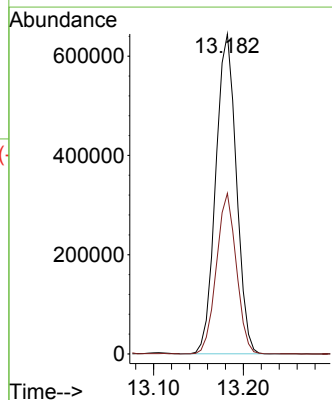
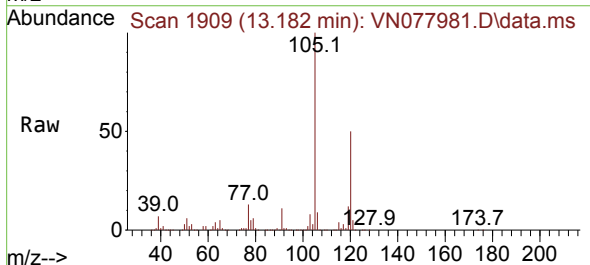
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

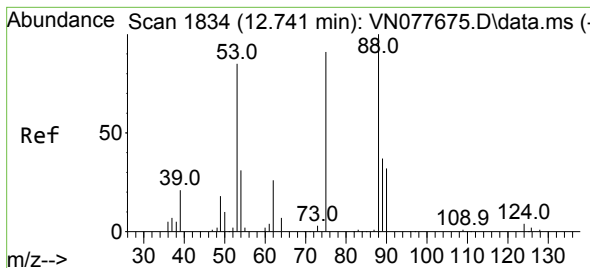
Tgt Ion: 91 Resp: 849473
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 62.840 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 105 Resp: 1027056
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3

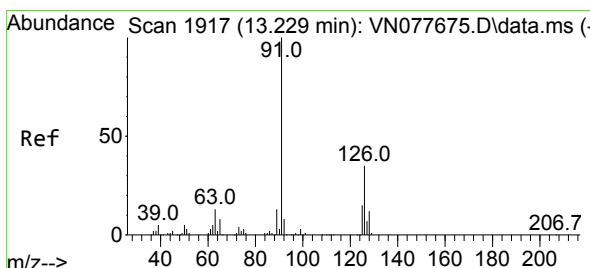
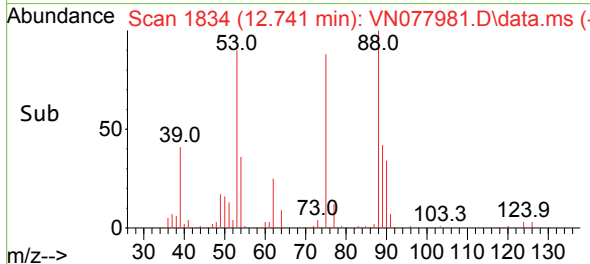
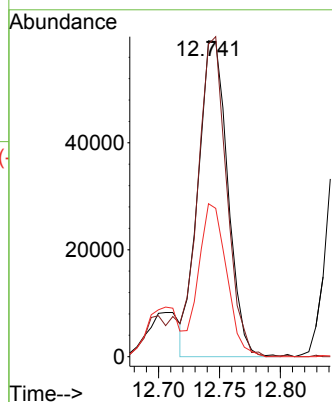
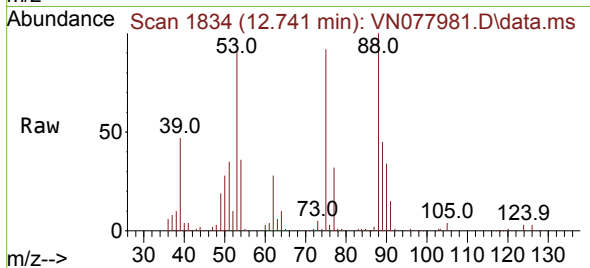




#81
trans-1,4-Dichloro-2-butene
Concen: 56.643 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

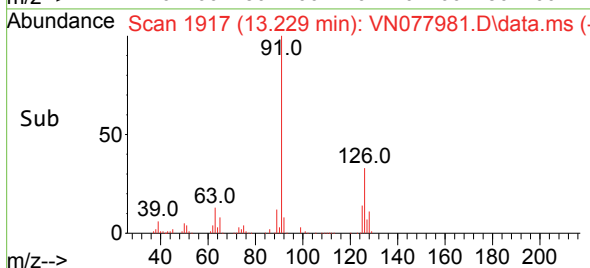
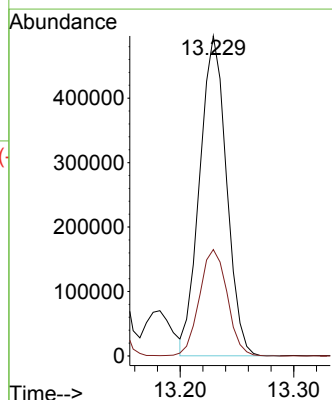
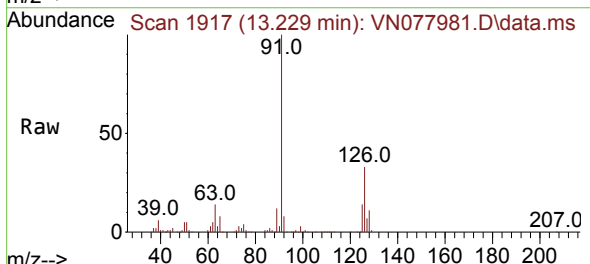
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

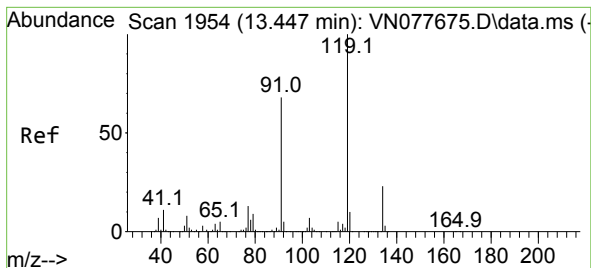
Tgt Ion: 75 Resp: 100114
Ion Ratio Lower Upper
75 100
53 96.5 67.4 101.2
89 46.4 38.8 58.2



#82
4-Chlorotoluene
Concen: 59.795 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077981.D
Acq: 30 May 2023 19:51

Tgt Ion: 91 Resp: 813888
Ion Ratio Lower Upper
91 100
126 34.5 16.7 50.0





#83

tert-Butylbenzene

Concen: 61.584 ug/l

RT: 13.447 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD

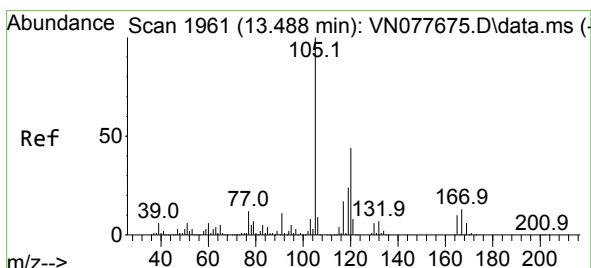
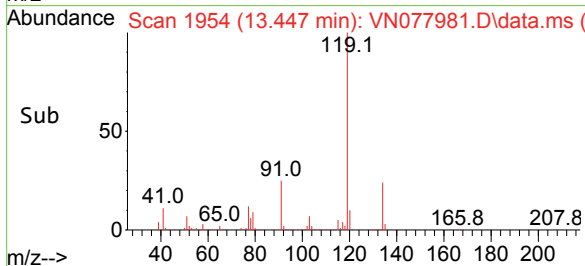
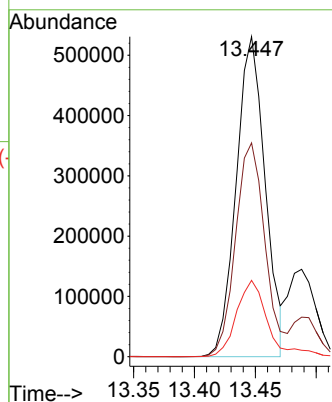
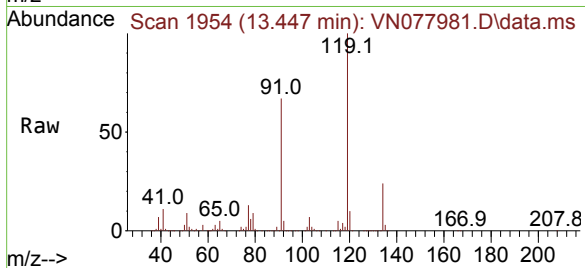
Tgt Ion:119 Resp: 878685

Ion Ratio Lower Upper

119 100

91 68.6 33.9 101.7

134 25.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 63.566 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN077981.D

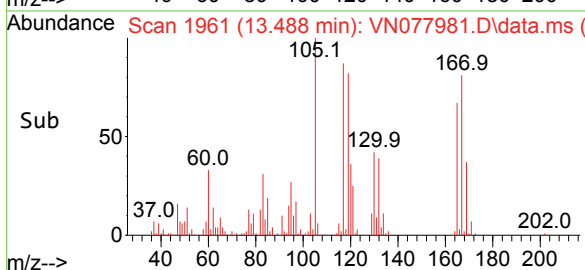
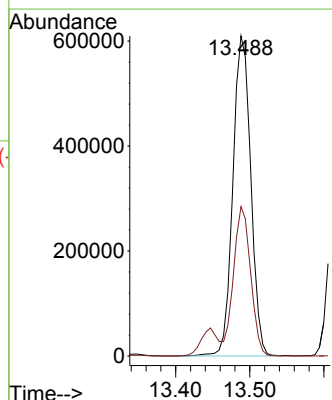
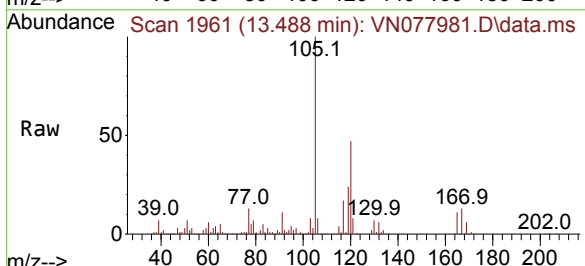
Acq: 30 May 2023 19:51

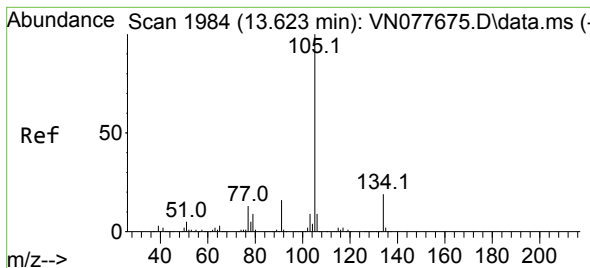
Tgt Ion:105 Resp: 1021750

Ion Ratio Lower Upper

105 100

120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 60.412 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

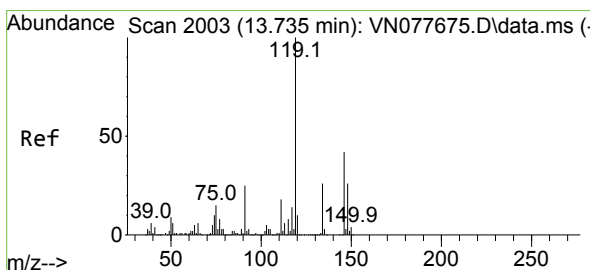
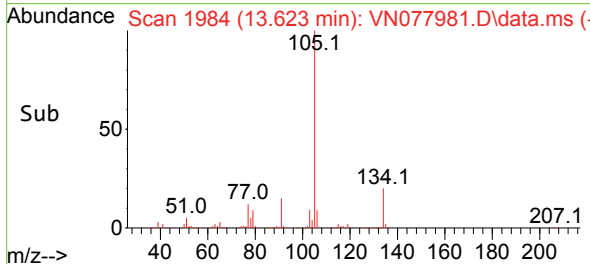
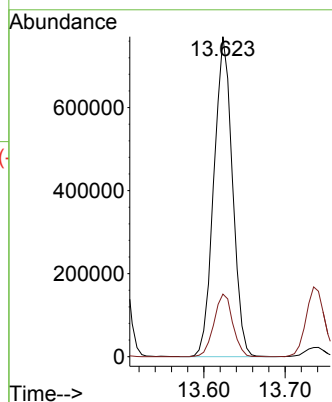
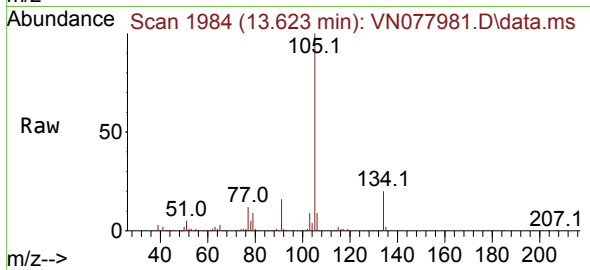
MW33S-20230523MSD

Tgt Ion:105 Resp: 1224994

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 63.249 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

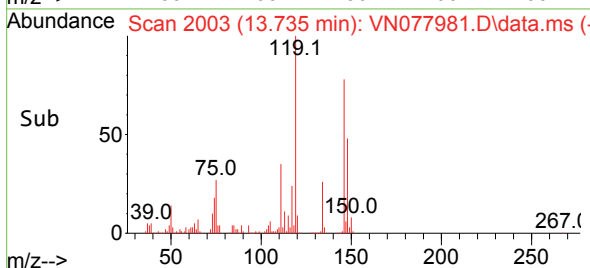
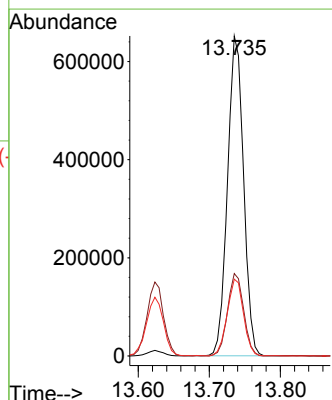
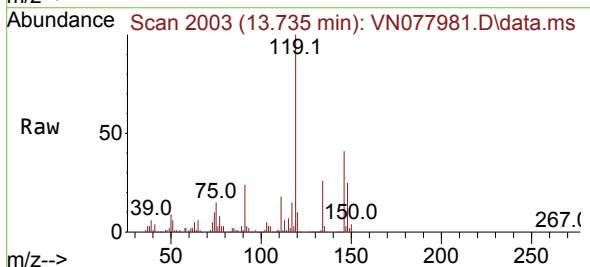
Tgt Ion:119 Resp: 1022465

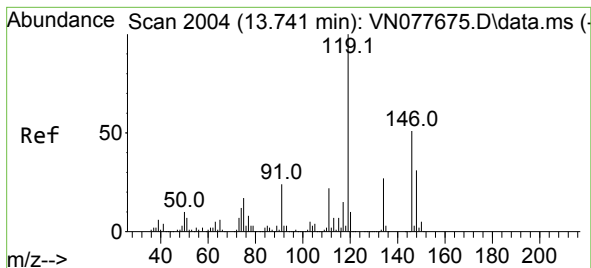
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 24.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 59.997 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD

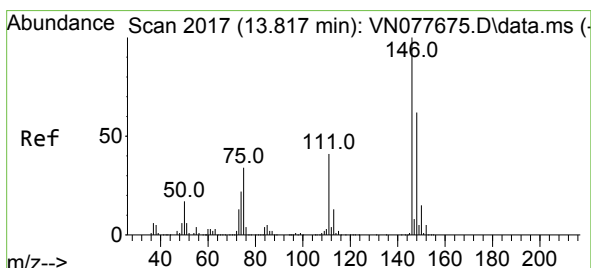
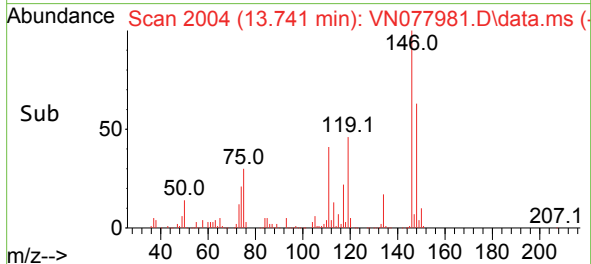
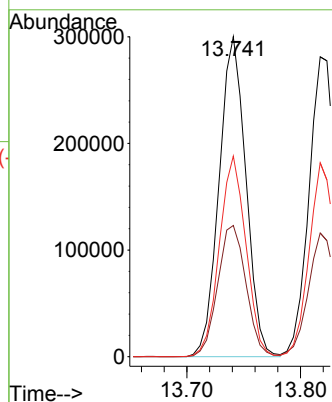
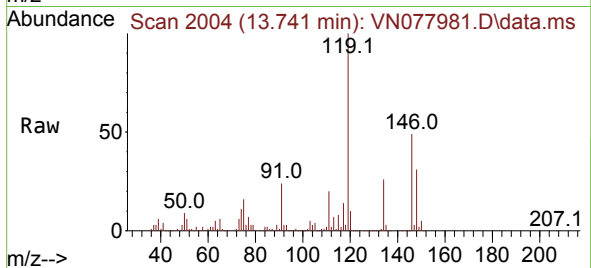
Tgt Ion:146 Resp: 492392

Ion Ratio Lower Upper

146 100

111 43.3 22.1 66.3

148 62.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 58.337 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

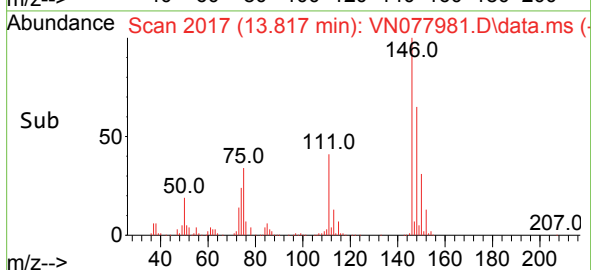
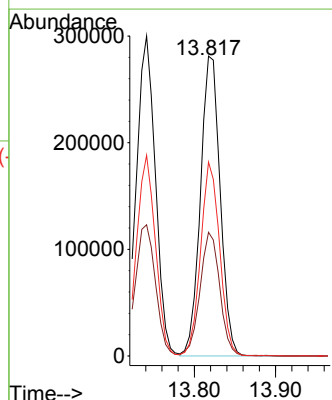
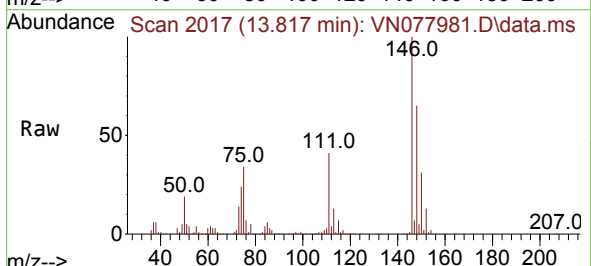
Tgt Ion:146 Resp: 475098

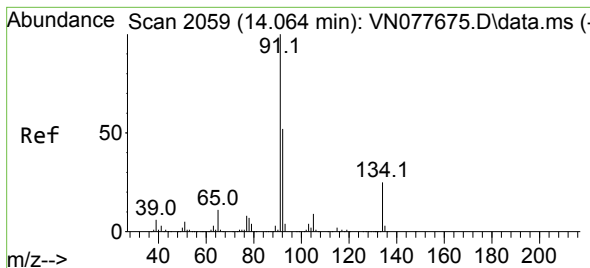
Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

148 62.4 31.6 94.8





#89

n-Butylbenzene

Concen: 55.130 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

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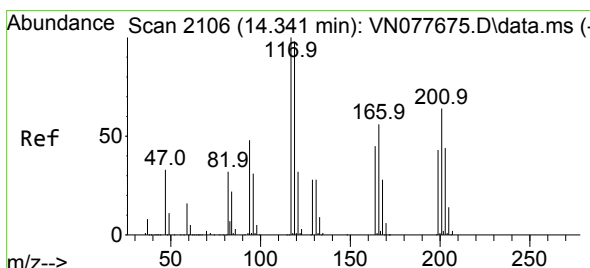
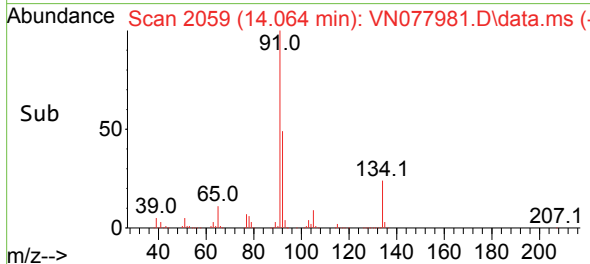
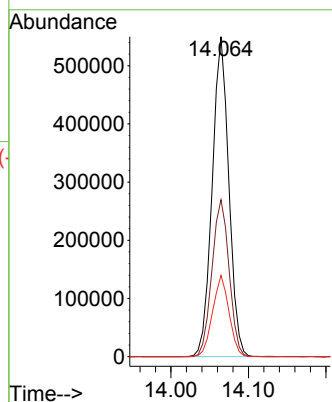
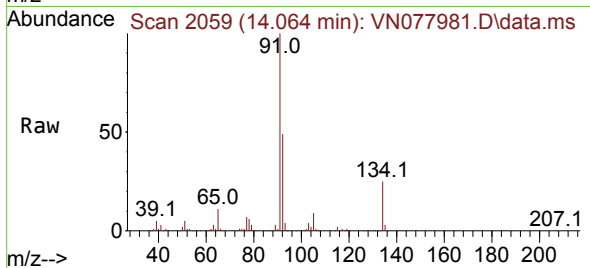
Tgt Ion: 91 Resp: 819729

Ion Ratio Lower Upper

91 100

92 50.6 26.4 79.0

134 25.1 12.6 37.6



#90

Hexachloroethane

Concen: 64.709 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN077981.D

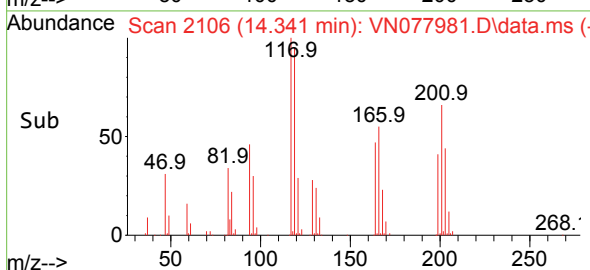
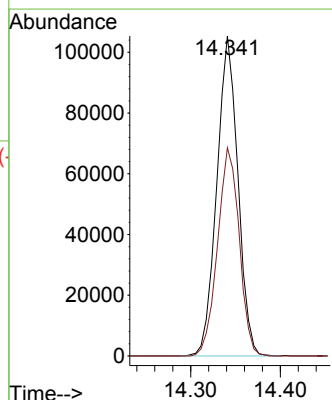
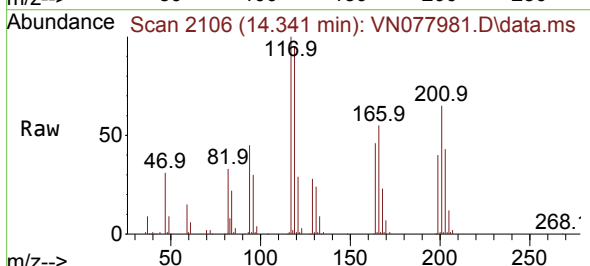
Acq: 30 May 2023 19:51

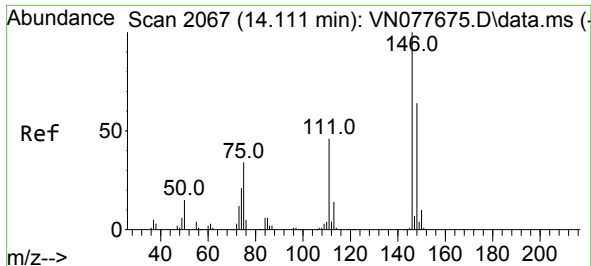
Tgt Ion: 117 Resp: 171847

Ion Ratio Lower Upper

117 100

201 66.8 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 63.658 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD

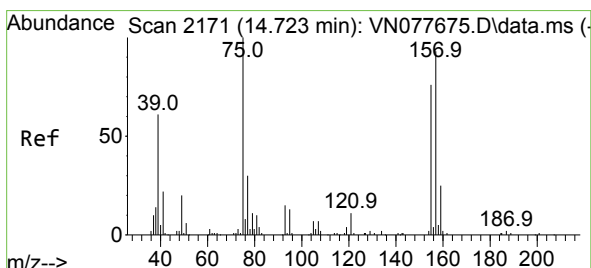
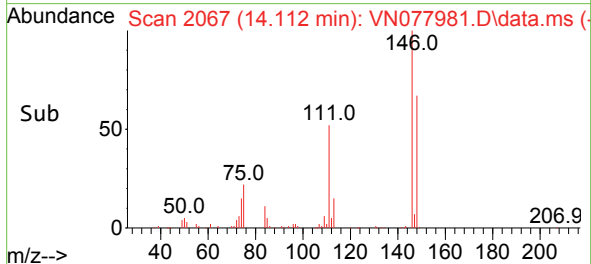
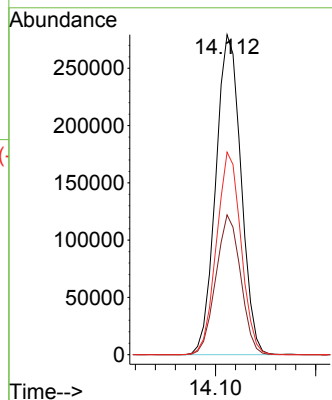
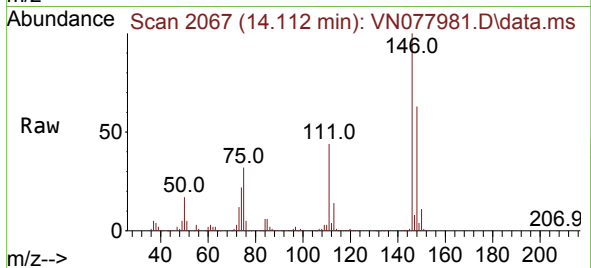
Tgt Ion:146 Resp: 488064

Ion Ratio Lower Upper

146 100

111 43.0 22.0 66.0

148 61.6 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.318 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

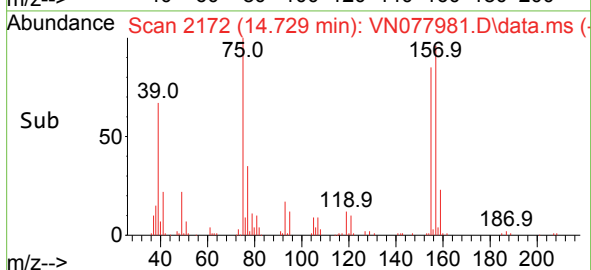
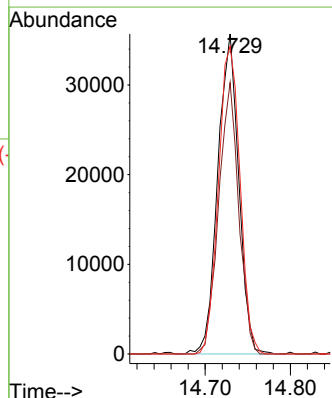
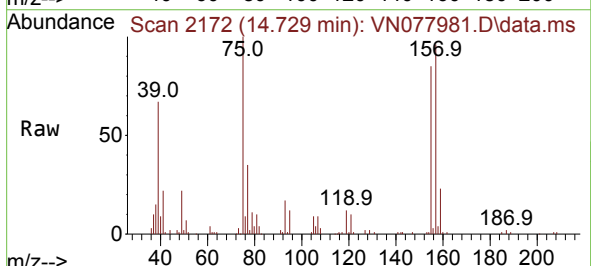
Tgt Ion: 75 Resp: 60595

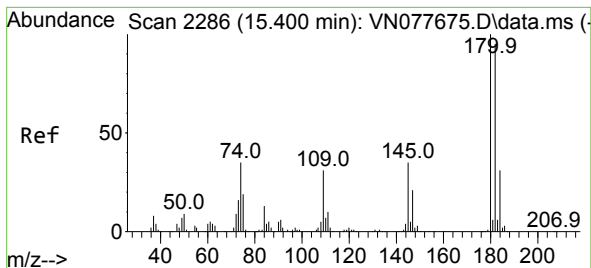
Ion Ratio Lower Upper

75 100

155 81.9 39.1 117.2

157 99.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 45.242 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077981.D

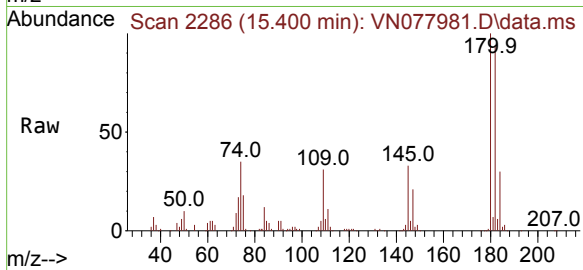
Acq: 30 May 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD



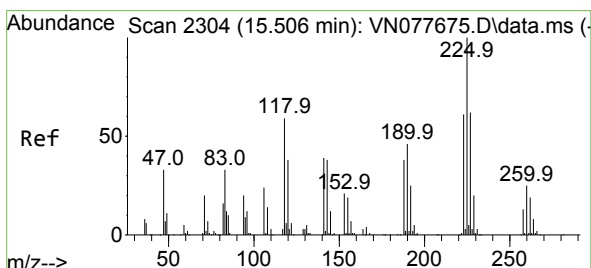
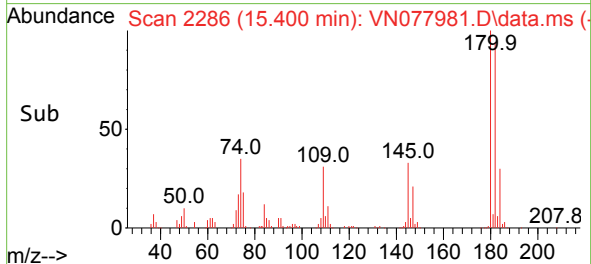
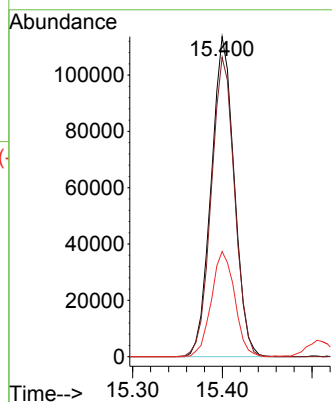
Tgt Ion:180 Resp: 202705

Ion Ratio Lower Upper

180 100

182 94.7 46.1 138.2

145 33.3 16.6 49.8



#94

Hexachlorobutadiene

Concen: 50.501 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.005 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

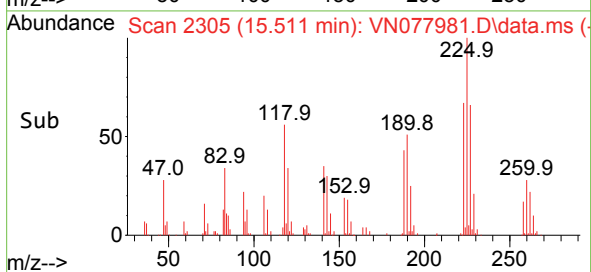
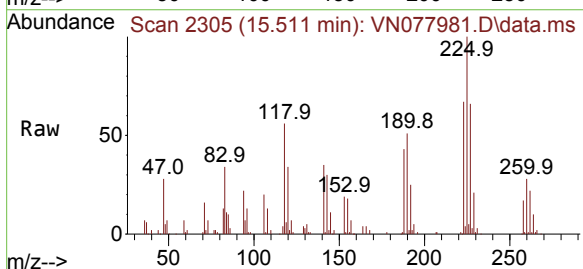
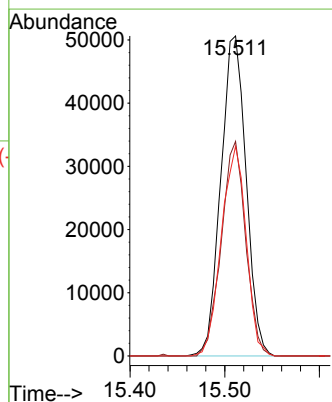
Tgt Ion:225 Resp: 93945

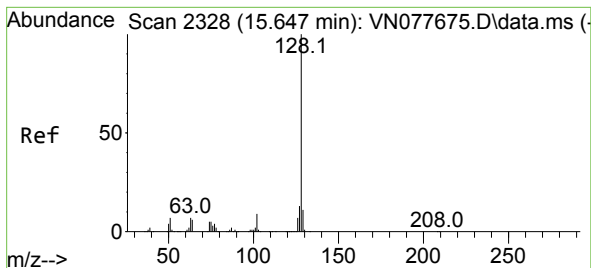
Ion Ratio Lower Upper

225 100

223 64.7 31.3 93.8

227 64.2 31.9 95.9





#95

Naphthalene

Concen: 40.320 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN077981.D

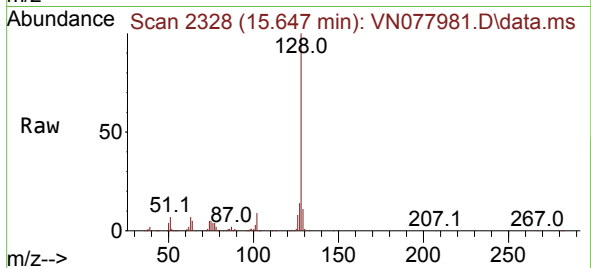
Acq: 30 May 2023 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD



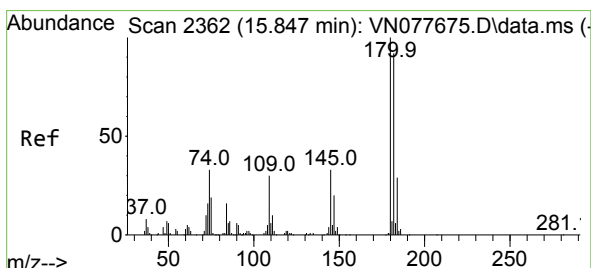
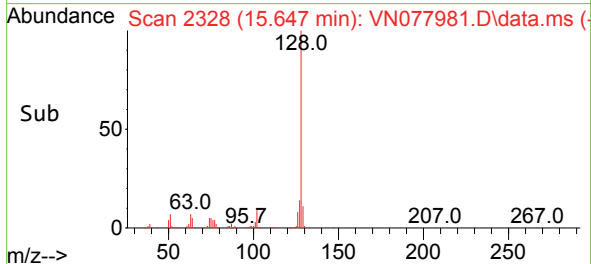
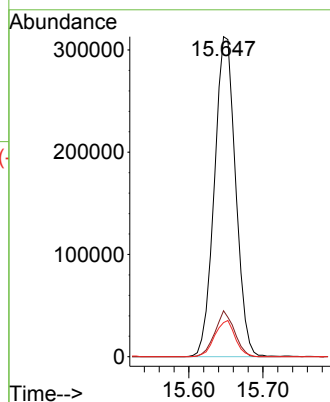
Tgt Ion:128 Resp: 621798

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.747 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077981.D

Acq: 30 May 2023 19:51

Tgt Ion:180 Resp: 213841

Ion Ratio Lower Upper

180 100

182 94.2 46.2 138.6

145 34.9 17.5 52.6

