

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN077996.D
 Acq On : 31 May 2023 16:31
 Operator : JC\MD
 Sample : 02910-06MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MSD

Quant Time: Jun 01 01:55:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	373216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	660544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	579289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	247049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	274464	49.149	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.300%
35) Dibromofluoromethane	8.177	113	236375	54.877	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.760%
50) Toluene-d8	10.577	98	857214	51.704	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.400%
62) 4-Bromofluorobenzene	12.859	95	291009	49.699	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	176941	41.658	ug/l	95
3) Chloromethane	2.371	50	199300	44.042	ug/l	99
4) Vinyl Chloride	2.518	62	255070	47.631	ug/l	100
5) Bromomethane	2.954	94	196694	49.663	ug/l	99
6) Chloroethane	3.124	64	183077	47.438	ug/l	97
7) Trichlorofluoromethane	3.506	101	368214	49.338	ug/l	98
8) Diethyl Ether	3.977	74	133851	49.128	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	202558	49.044	ug/l	97
10) Methyl Iodide	4.600	142	281041	57.058	ug/l	95
11) Tert butyl alcohol	5.536	59	175860	228.187	ug/l	99
12) 1,1-Dichloroethene	4.348	96	195017	49.681	ug/l	90
13) Acrolein	4.195	56	84989	167.817	ug/l	95
14) Allyl chloride	5.036	41	293695	50.931	ug/l	93
15) Acrylonitrile	5.730	53	485691	235.890	ug/l	99
16) Acetone	4.436	43	373171	212.405	ug/l	98
17) Carbon Disulfide	4.718	76	465103	43.974	ug/l	99
18) Methyl Acetate	5.036	43	342658	46.491	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	702825	49.465	ug/l	98
20) Methylene Chloride	5.289	84	239922	52.568	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	218778	49.616	ug/l	90
22) Diisopropyl ether	6.683	45	663270	49.071	ug/l	93
23) Vinyl Acetate	6.612	43	1913431	228.481	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	417638	50.434	ug/l	97
25) 2-Butanone	7.494	43	610726	222.220	ug/l	89
26) 2,2-Dichloropropane	7.500	77	342804	48.727	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	269314	50.939	ug/l	93
28) Bromochloromethane	7.824	49	173590	48.471	ug/l	91
29) Tetrahydrofuran	7.847	42	398927	221.680	ug/l	87
30) Chloroform	7.971	83	452247	49.647	ug/l	93
31) Cyclohexane	8.271	56	339928	44.788	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	400725	51.742	ug/l	96
36) 1,1-Dichloropropene	8.377	75	331654	52.642	ug/l	97
37) Ethyl Acetate	7.571	43	259709	46.250	ug/l #	94
38) Carbon Tetrachloride	8.371	117	356487	56.035	ug/l	97
39) Methylcyclohexane	9.606	83	362925	47.054	ug/l	93
40) Benzene	8.612	78	987252	53.102	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	135978	45.470	ug/l	93
42) 1,2-Dichloroethane	8.683	62	345599	51.173	ug/l	97
43) Isopropyl Acetate	8.694	43	446588	48.690	ug/l	97
44) Trichloroethene	9.359	130	262225	55.703	ug/l	96
45) 1,2-Dichloropropane	9.630	63	256474	54.084	ug/l	95
46) Dibromomethane	9.718	93	177557	52.325	ug/l	95
47) Bromodichloromethane	9.894	83	359123	55.279	ug/l	99
48) Methyl methacrylate	9.688	41	211571	48.652	ug/l	90
49) 1,4-Dioxane	9.706	88	90173	1097.864	ug/l	96
51) 4-Methyl-2-Pentanone	10.453	43	1355332	248.592	ug/l	93
52) Toluene	10.635	92	637700	55.097	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	370312	53.827	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	406479	53.615	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	249886	54.375	ug/l	96
56) Ethyl methacrylate	10.882	69	361757	52.062	ug/l	92
57) 1,3-Dichloropropane	11.171	76	419720	53.275	ug/l	99
59) 2-Hexanone	11.206	43	956112	237.093	ug/l	92
60) Dibromochloromethane	11.365	129	272133	57.360	ug/l	100
61) 1,2-Dibromoethane	11.476	107	254214	55.448	ug/l	99
64) Tetrachloroethene	11.112	164	238273	58.817	ug/l	97
65) Chlorobenzene	11.900	112	679086	54.075	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	254618	58.596	ug/l	97
67) Ethyl Benzene	11.971	91	1225062	54.435	ug/l	99
68) m/p-Xylenes	12.076	106	930105	109.073	ug/l	98
69) o-Xylene	12.406	106	463608	55.282	ug/l	98
70) Styrene	12.418	104	741885	55.688	ug/l	99
71) Bromoform	12.582	173	172923	59.821	ug/l #	98
73) Isopropylbenzene	12.700	105	1192633	56.004	ug/l	100
74) N-amyl acetate	12.500	43	361433	45.917	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	342590	52.293	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	413456	66.827	ug/l	74
77) Bromobenzene	12.988	156	258630	53.218	ug/l	99
78) n-propylbenzene	13.041	91	1362197	54.257	ug/l	99
79) 2-Chlorotoluene	13.135	91	818424	54.630	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	994292	55.552	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	94064	48.598	ug/l	90
82) 4-Chlorotoluene	13.229	91	771899	51.785	ug/l	97
83) tert-Butylbenzene	13.447	119	852049	54.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	988276	56.144	ug/l	99
85) sec-Butylbenzene	13.623	105	1158741	52.182	ug/l	99
86) p-Isopropyltoluene	13.735	119	974936	55.071	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	467589	52.027	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	452312	50.716	ug/l	100
89) n-Butylbenzene	14.065	91	774829	47.585	ug/l	97
90) Hexachloroethane	14.341	117	161518	55.538	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	465638	55.458	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	55219	43.536	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	191071	38.942	ug/l	98
94) Hexachlorobutadiene	15.512	225	87871	43.134	ug/l	97
95) Naphthalene	15.647	128	594467	35.200	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	199423	41.512	ug/l	99

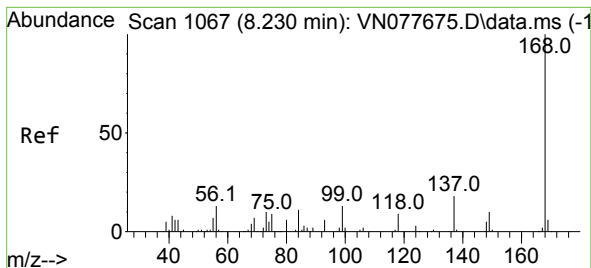
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.236 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN077996.D

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Instrument :

MSVOA_N

ClientSampleId :

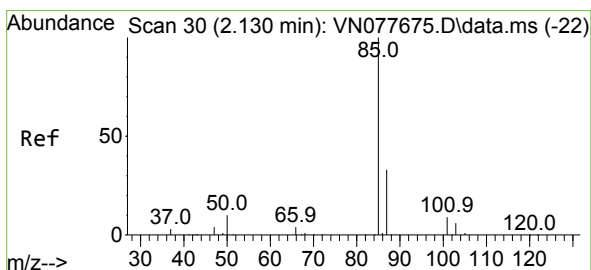
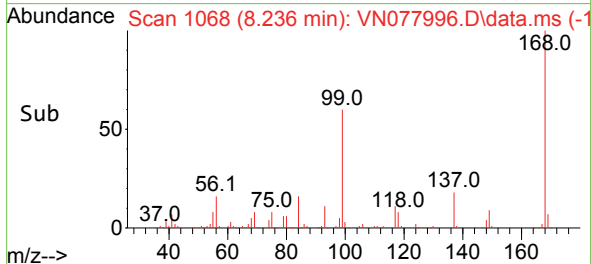
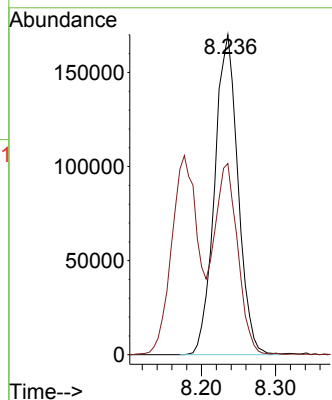
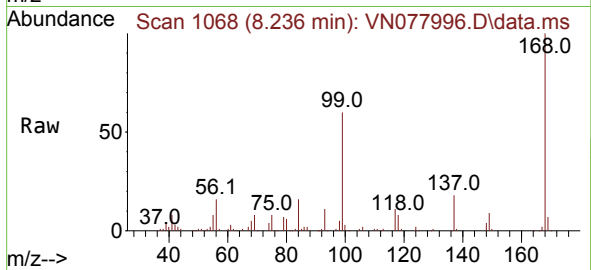
MW33S-20230523MSD

Tgt Ion:168 Resp: 373216

Ion Ratio Lower Upper

168 100

99 59.5 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 41.658 ug/l

RT: 2.136 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN077996.D

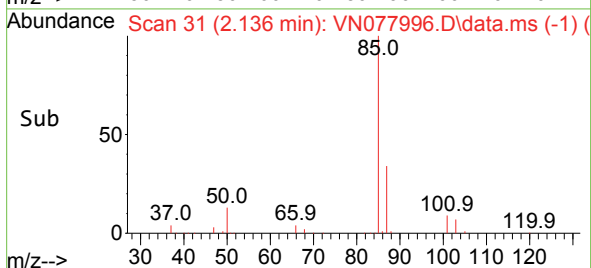
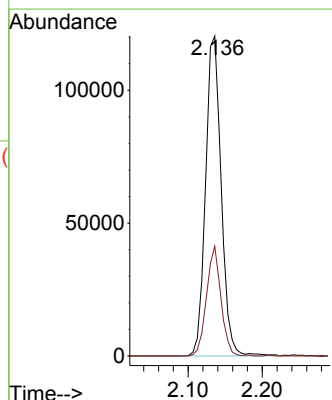
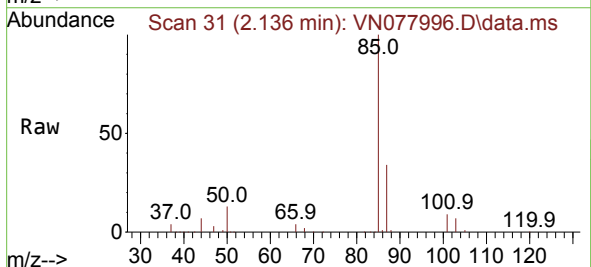
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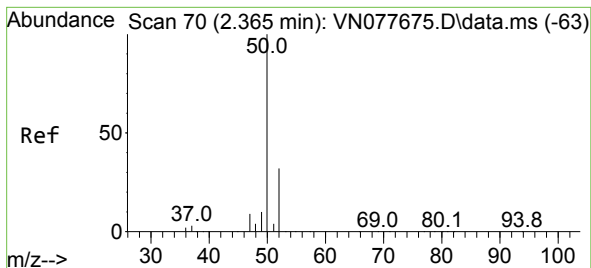
Tgt Ion: 85 Resp: 176941

Ion Ratio Lower Upper

85 100

87 34.2 15.8 47.4





#3

Chloromethane

Concen: 44.042 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

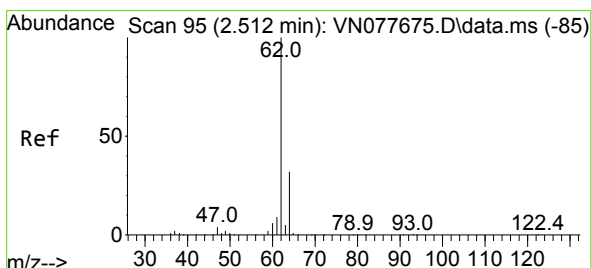
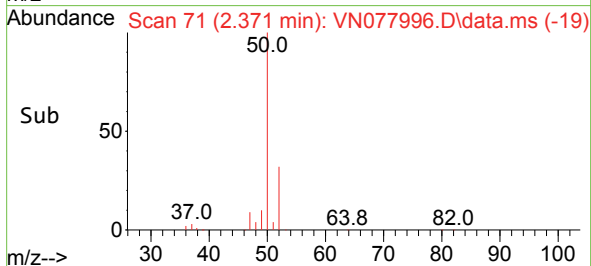
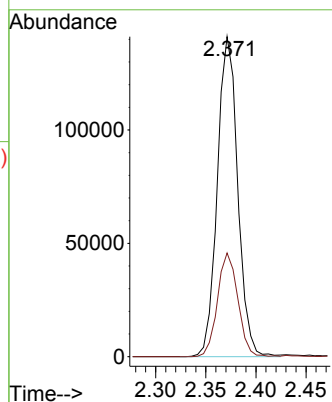
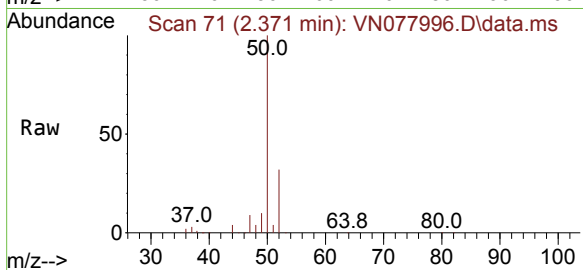
MW33S-20230523MSD

Tgt Ion: 50 Resp: 199300

Ion Ratio Lower Upper

50 100

52 32.4 26.5 39.7



#4

Vinyl Chloride

Concen: 47.631 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN077996.D

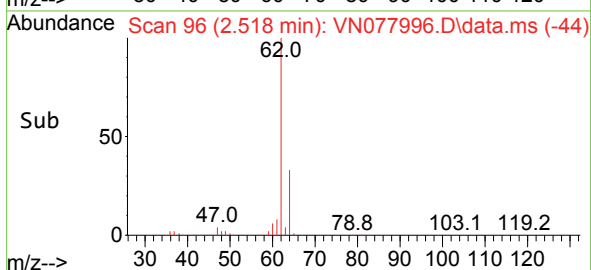
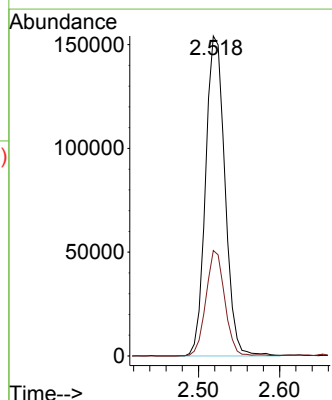
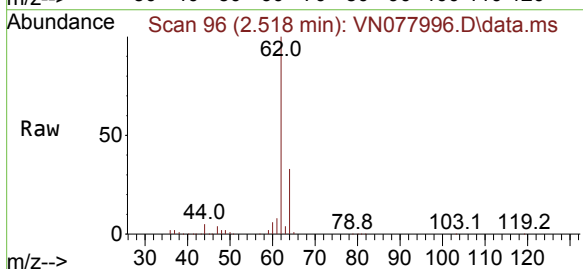
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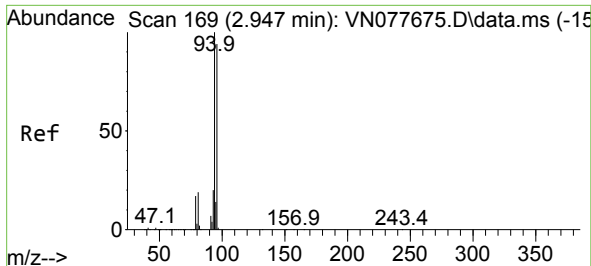
Tgt Ion: 62 Resp: 255070

Ion Ratio Lower Upper

62 100

64 32.8 26.2 39.2

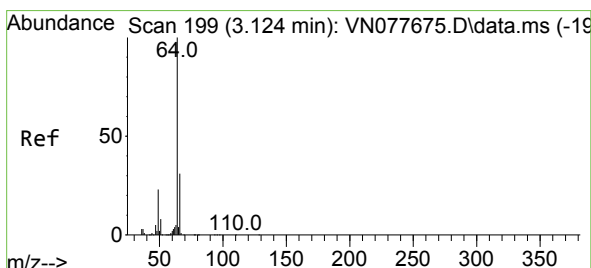
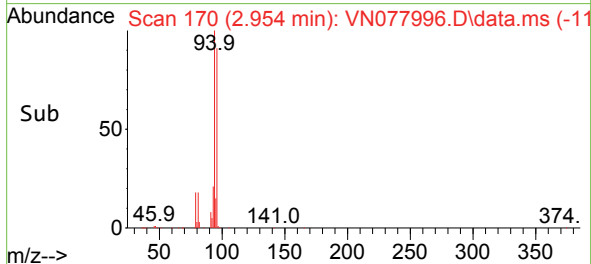
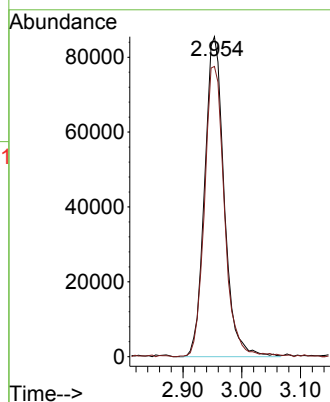
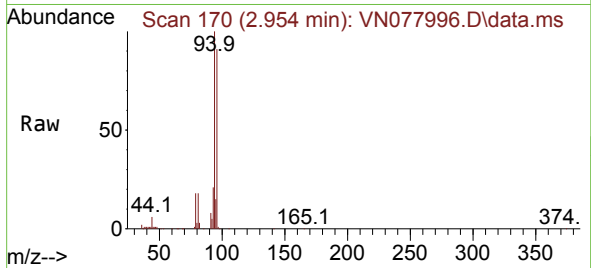




#5
Bromomethane
Concen: 49.663 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.007 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

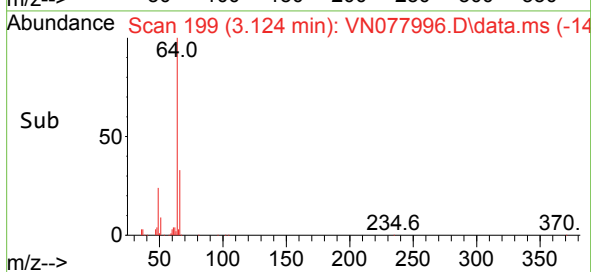
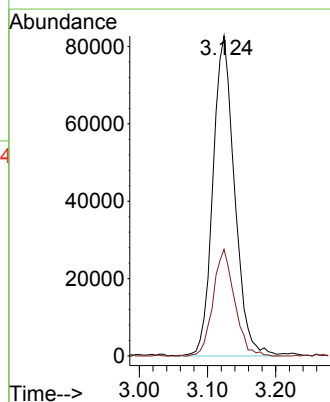
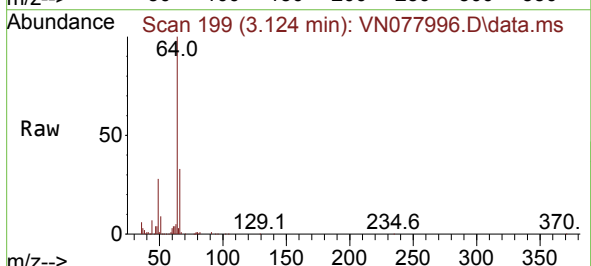
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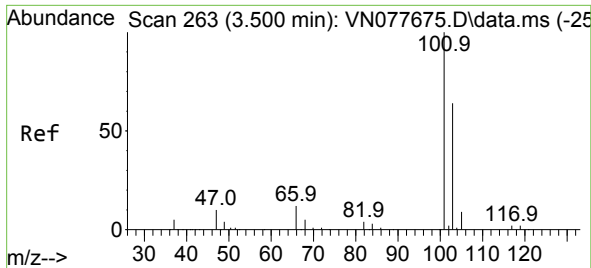
Tgt Ion: 94 Resp: 196694
Ion Ratio Lower Upper
94 100
96 90.5 73.1 109.7



#6
Chloroethane
Concen: 47.438 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion: 64 Resp: 183077
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.2

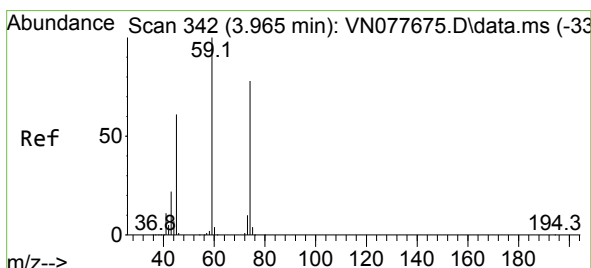
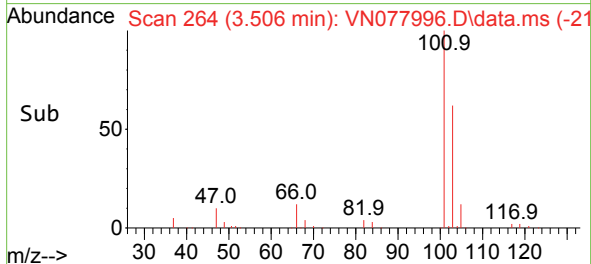
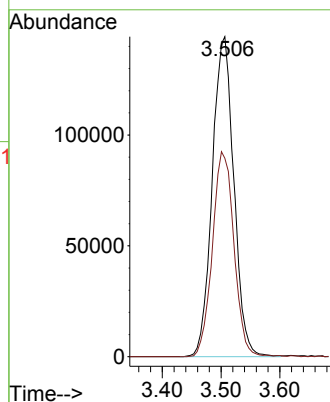
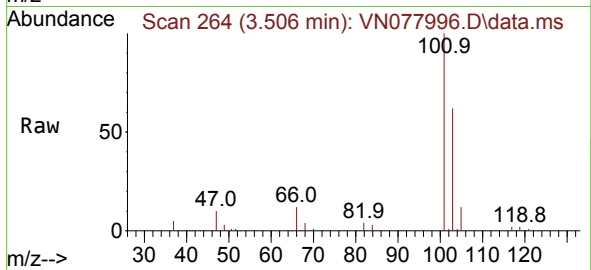




#7
Trichlorofluoromethane
Concen: 49.338 ug/l
RT: 3.506 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

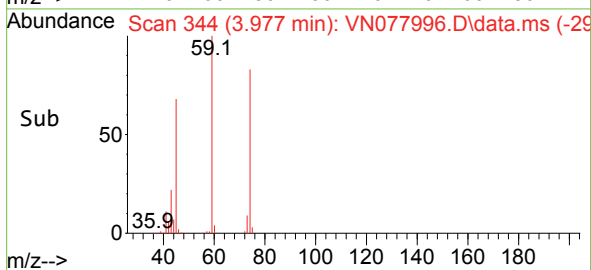
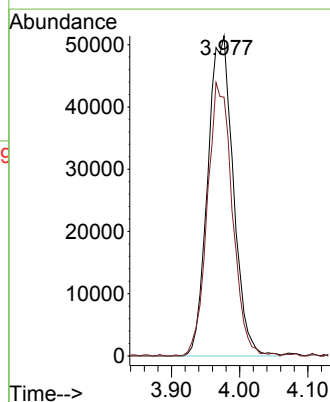
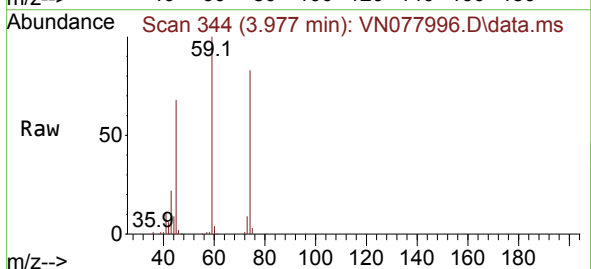
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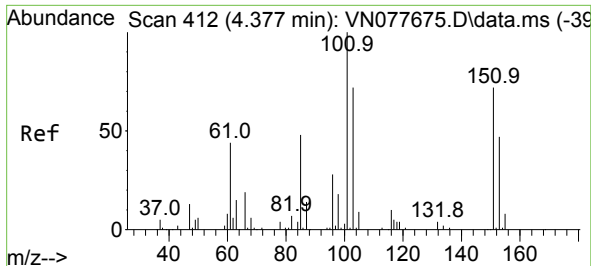
Tgt Ion:101 Resp: 368214
Ion Ratio Lower Upper
101 100
103 62.0 50.7 76.1



#8
Diethyl Ether
Concen: 49.128 ug/l
RT: 3.977 min Scan# 344
Delta R.T. 0.012 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion: 74 Resp: 133851
Ion Ratio Lower Upper
74 100
45 83.8 34.4 103.3

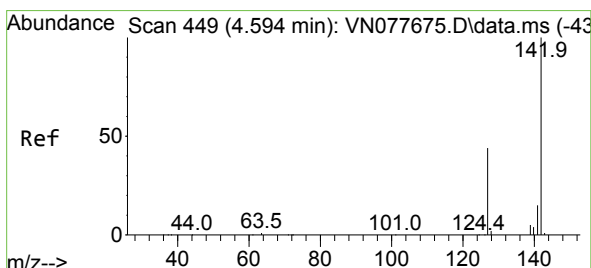
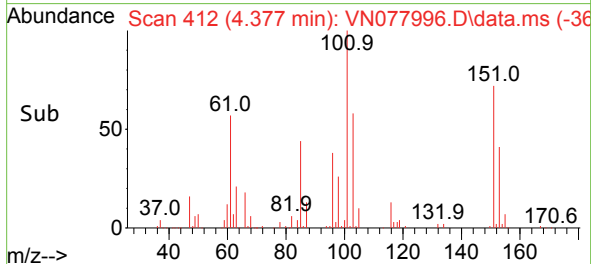
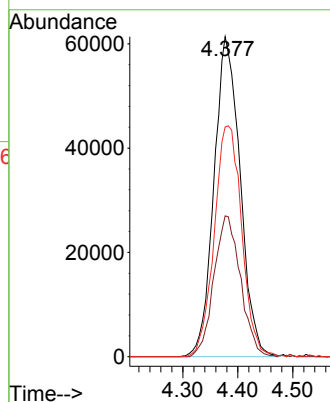
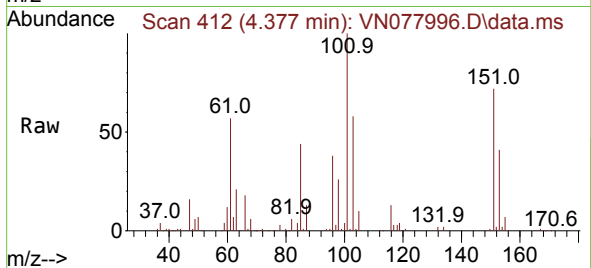




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.044 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN077996.D
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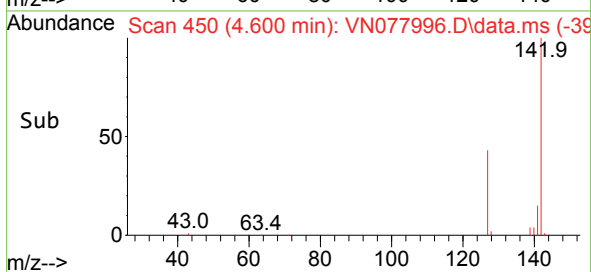
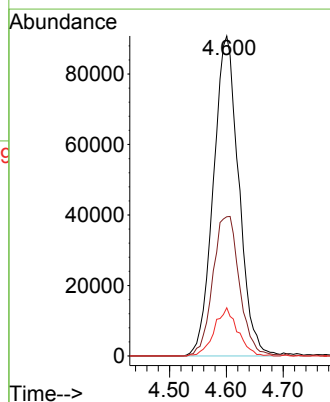
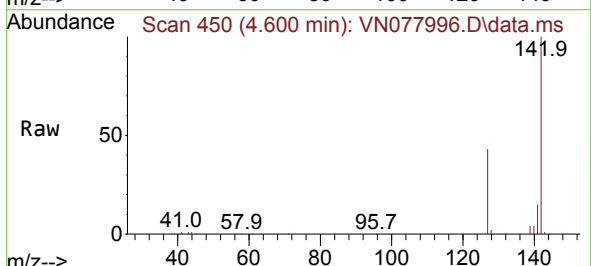
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ClientSampleId :
MW33S-20230523MSD

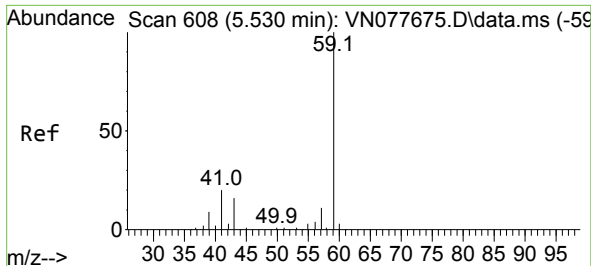
Tgt Ion:101 Resp: 202558
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 75.8 57.6 86.4



#10
Methyl Iodide
Concen: 57.058 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion:142 Resp: 281041
Ion Ratio Lower Upper
142 100
127 43.5 37.6 56.4
141 15.1 11.4 17.0

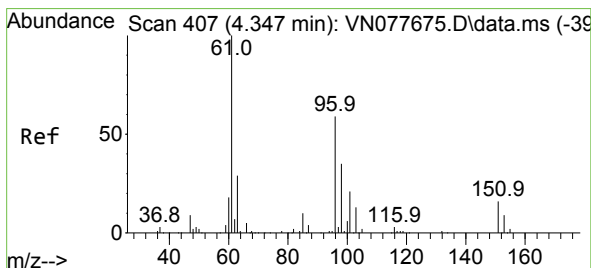
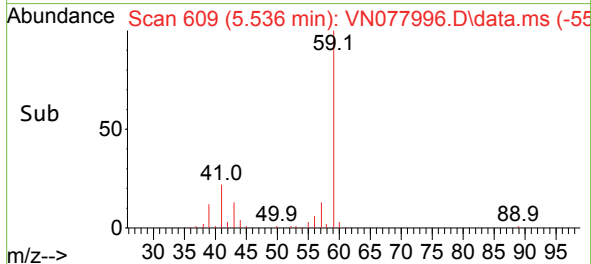
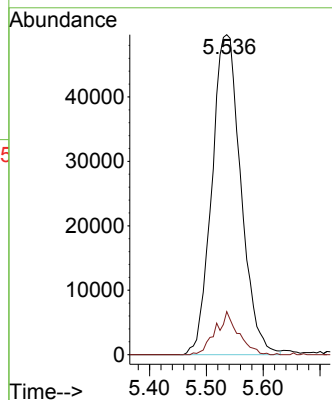
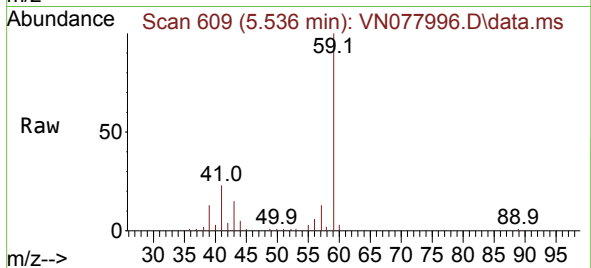




#11
Tert butyl alcohol
Concen: 228.187 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

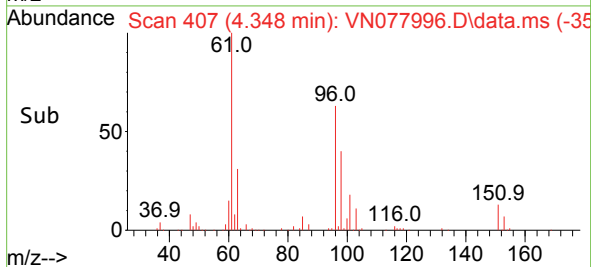
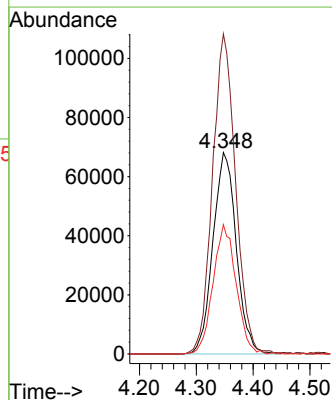
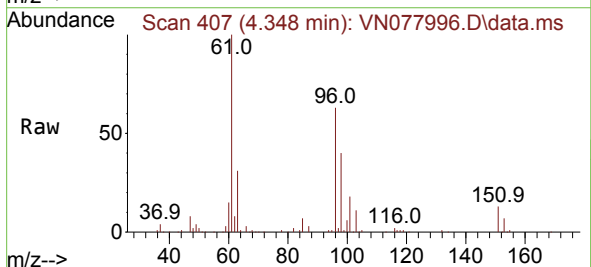
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

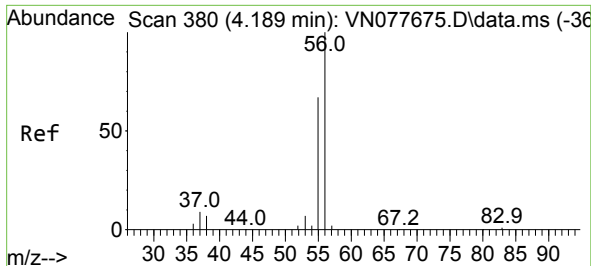
Tgt Ion: 59 Resp: 175860
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.681 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.001 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion: 96 Resp: 195017
Ion Ratio Lower Upper
96 100
61 158.9 112.7 169.1
98 64.2 51.2 76.8





#13

Acrolein

Concen: 167.817 ug/l

RT: 4.195 min Scan# 380

Delta R.T. 0.006 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

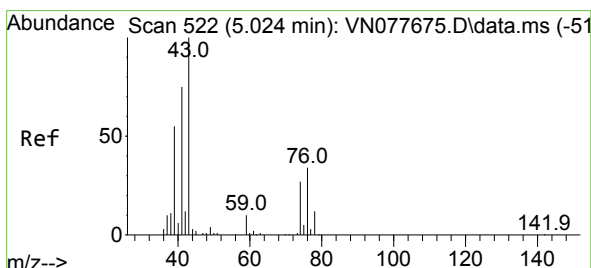
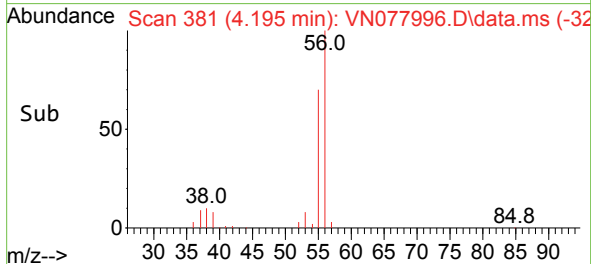
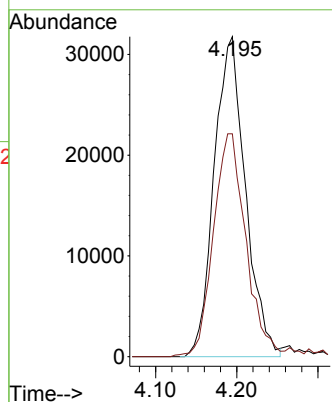
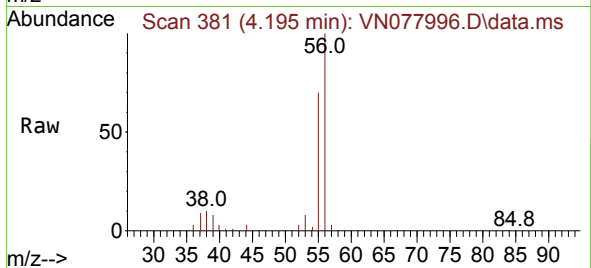
MW33S-20230523MSD

Tgt Ion: 56 Resp: 84989

Ion Ratio Lower Upper

56 100

55 72.2 54.5 81.7



#14

Allyl chloride

Concen: 50.931 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.012 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

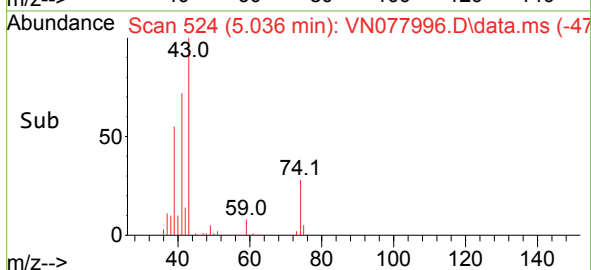
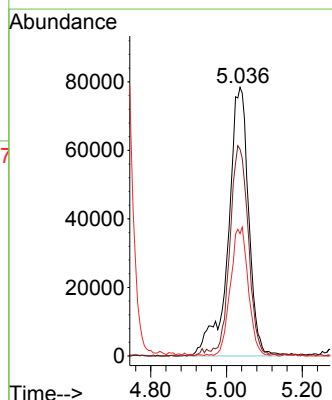
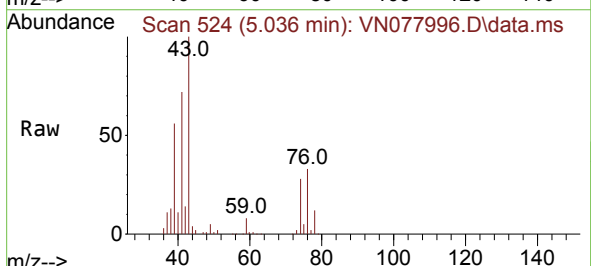
Tgt Ion: 41 Resp: 293695

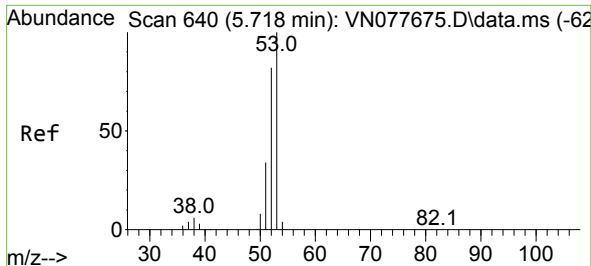
Ion Ratio Lower Upper

41 100

39 69.6 58.8 88.2

76 41.2 39.1 58.7

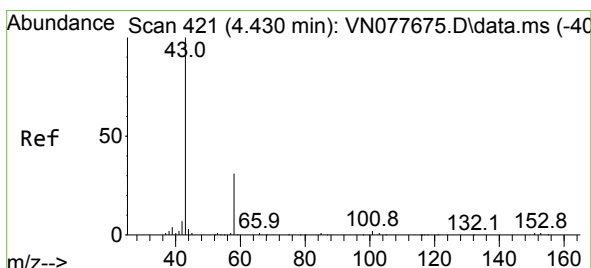
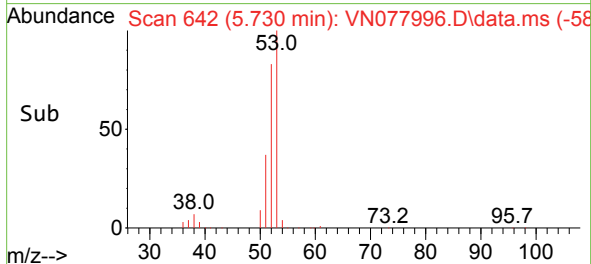
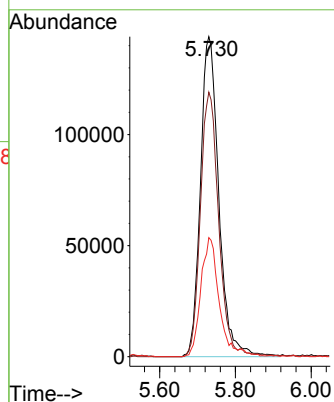
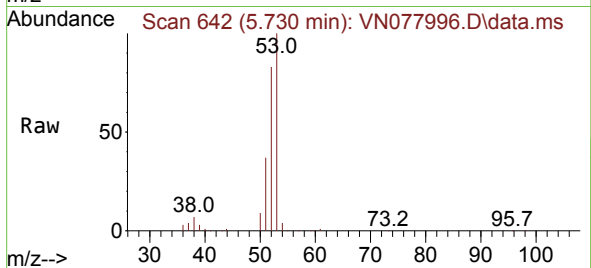




#15
Acrylonitrile
Concen: 235.890 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.012 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

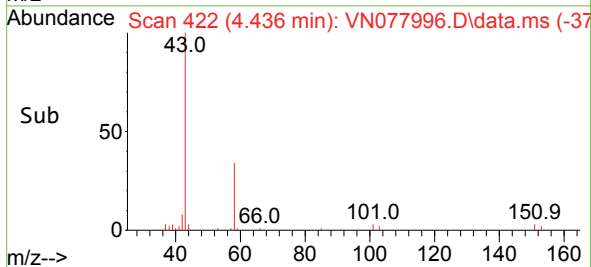
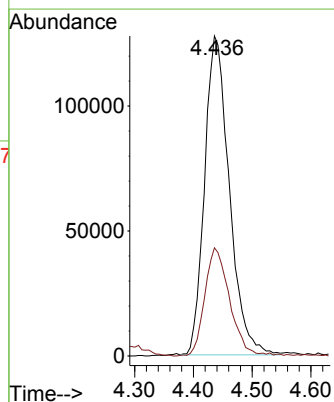
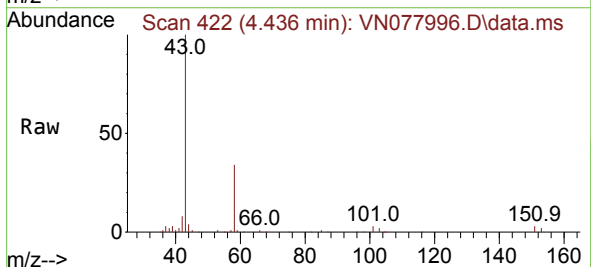
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

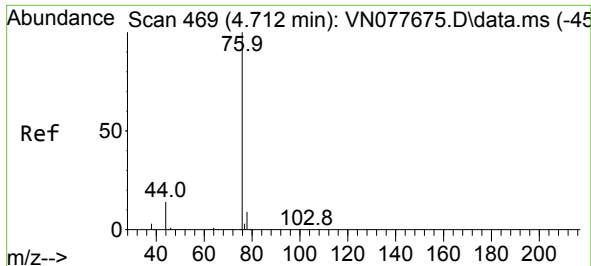
Tgt Ion: 53 Resp: 485691
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 37.4 28.9 43.3



#16
Acetone
Concen: 212.405 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion: 43 Resp: 373171
Ion Ratio Lower Upper
43 100
58 33.7 28.0 42.0

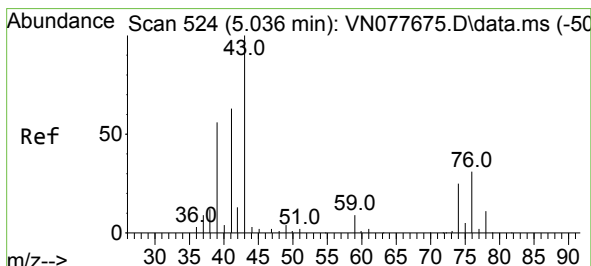
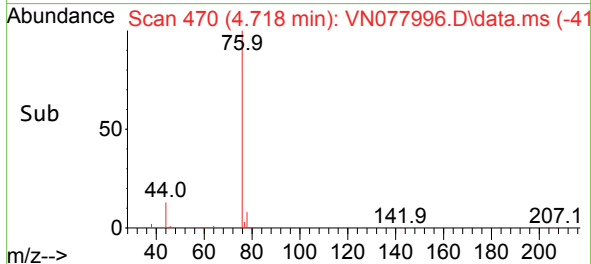
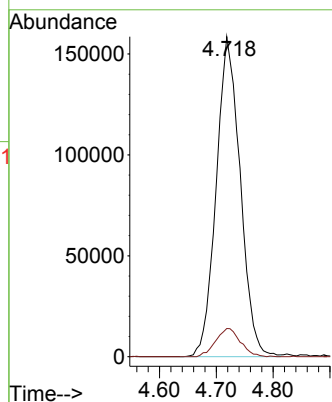
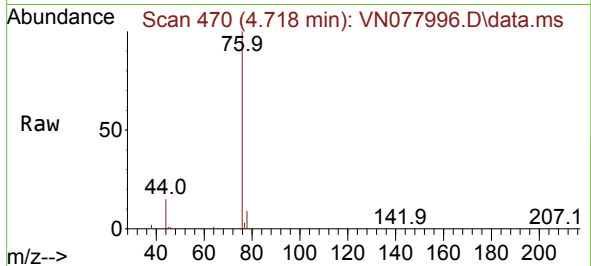




#17
Carbon Disulfide
Concen: 43.974 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

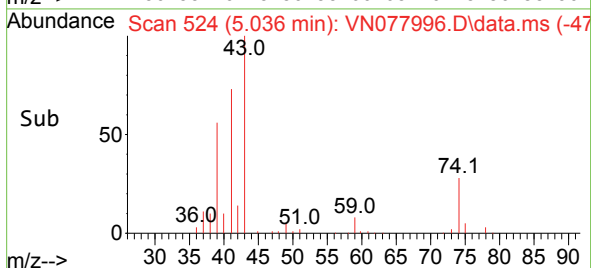
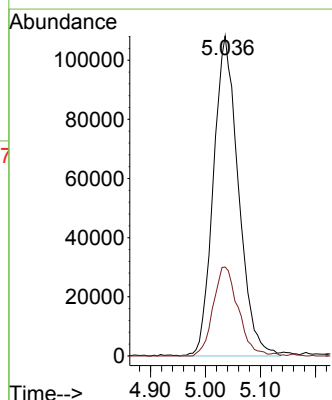
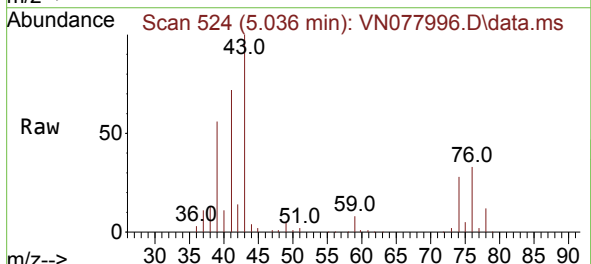
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

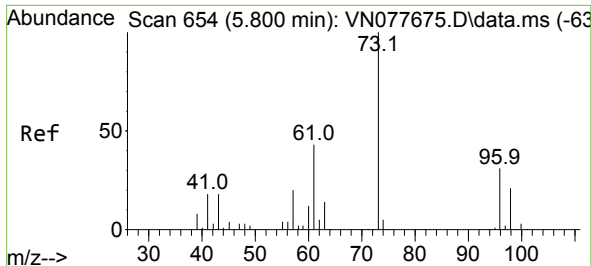
Tgt Ion: 76 Resp: 465103
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 46.491 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion: 43 Resp: 342658
Ion Ratio Lower Upper
43 100
74 27.7 26.2 39.4

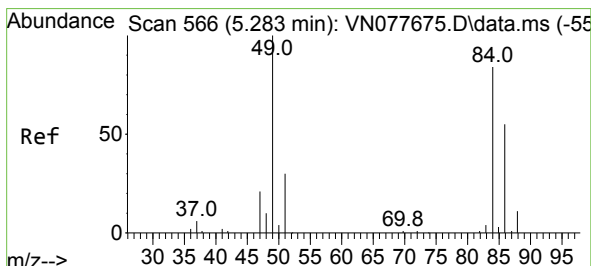
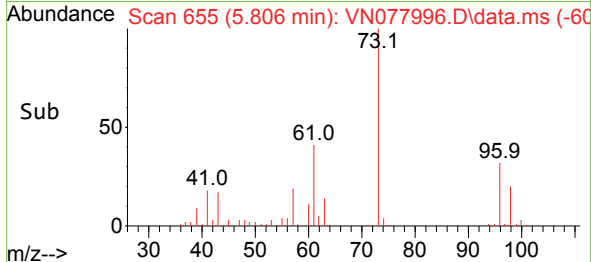
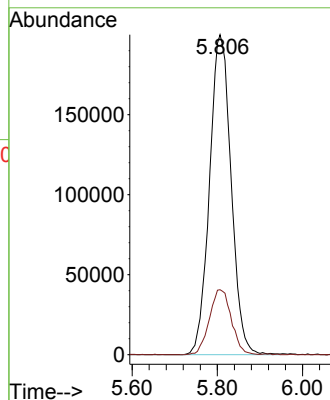
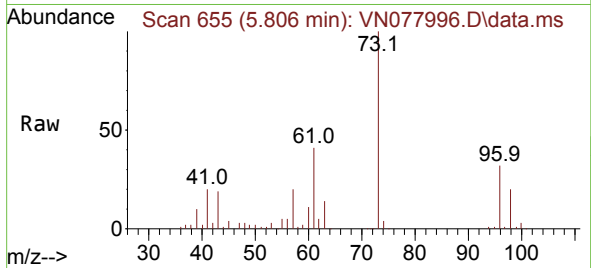




#19
Methyl tert-butyl Ether
Concen: 49.465 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

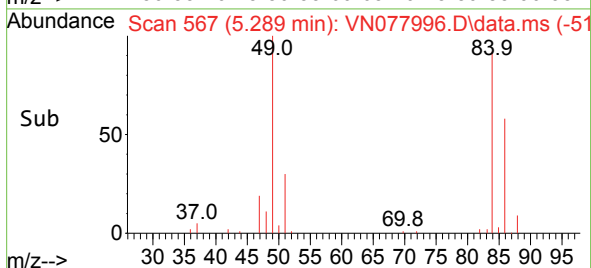
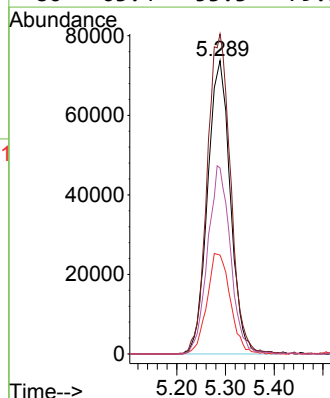
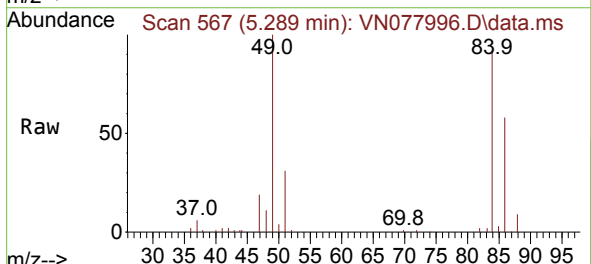
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

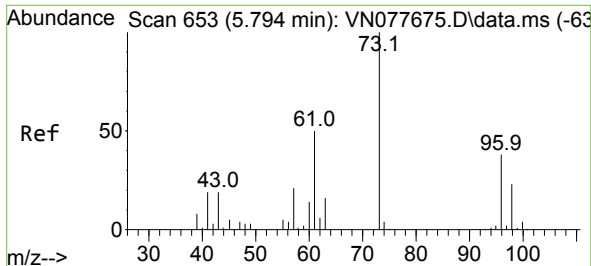
Tgt Ion: 73 Resp: 702825
Ion Ratio Lower Upper
73 100
57 20.3 15.6 23.4



#20
Methylene Chloride
Concen: 52.568 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion: 84 Resp: 239922
Ion Ratio Lower Upper
84 100
49 108.9 79.7 119.5
51 33.7 25.2 37.8
86 63.4 53.3 79.9

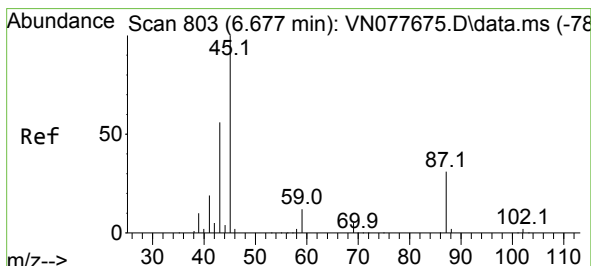
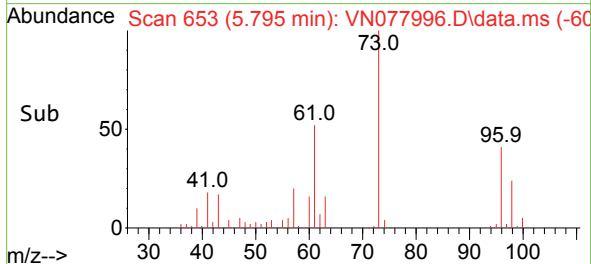
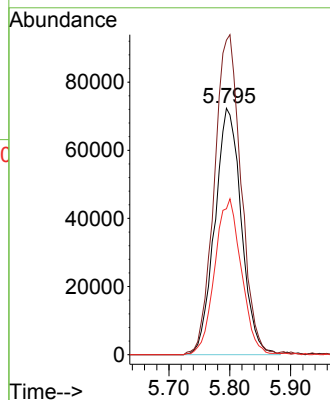
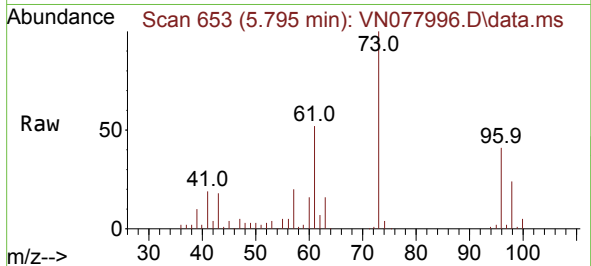




#21
trans-1,2-Dichloroethene
Concen: 49.616 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

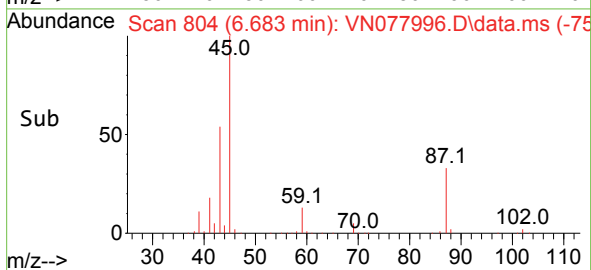
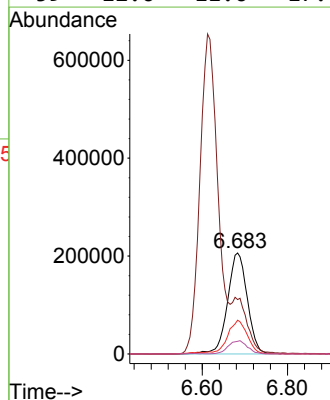
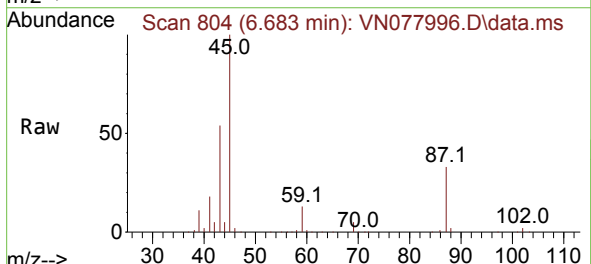
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

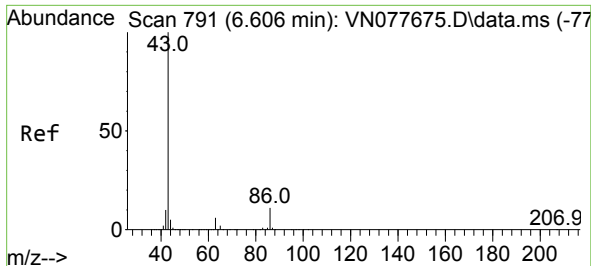
Tgt Ion: 96 Resp: 218778
Ion Ratio Lower Upper
96 100
61 127.7 90.1 135.1
98 59.2 46.4 69.6



#22
Diisopropyl ether
Concen: 49.071 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion: 45 Resp: 663270
Ion Ratio Lower Upper
45 100
43 53.6 45.5 68.3
87 33.4 31.8 47.8
59 12.6 11.6 17.4

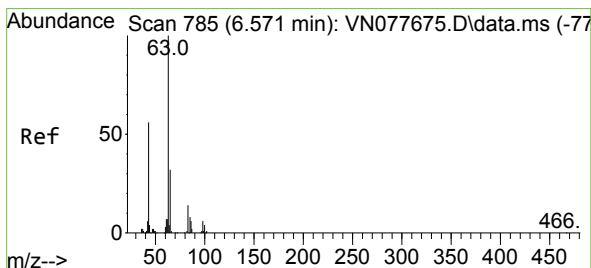
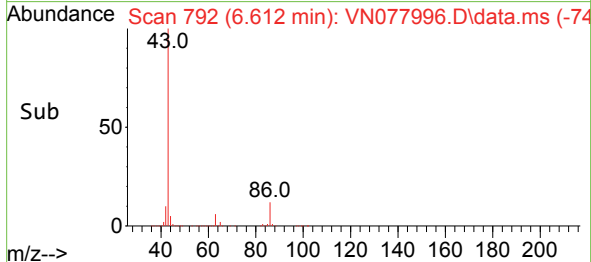
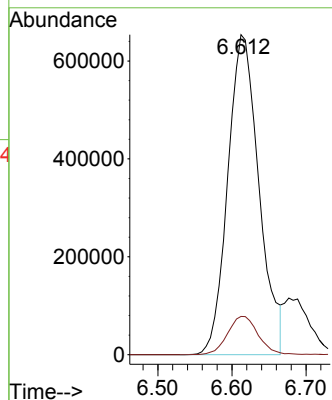
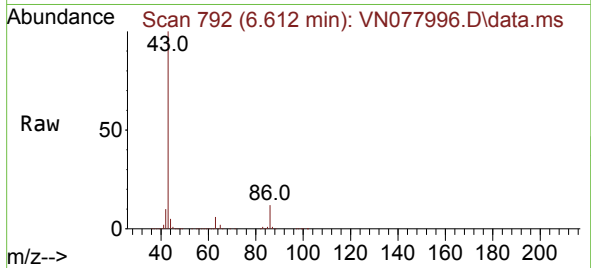




#23
 Vinyl Acetate
 Concen: 228.481 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077996.D
 Acq: 31 May 2023 16:31

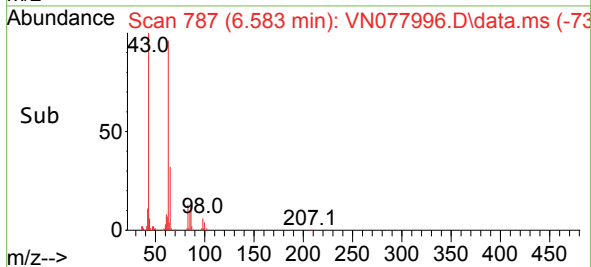
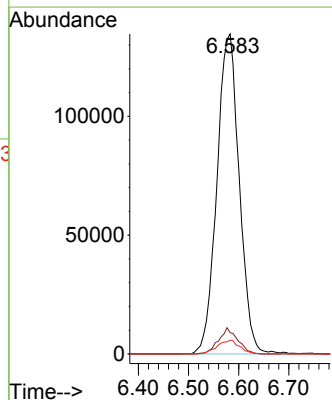
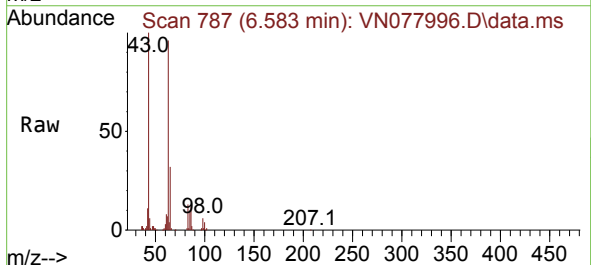
Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MSD

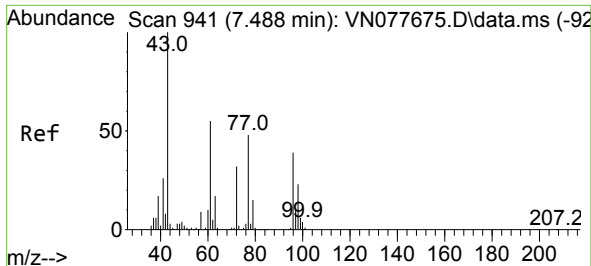
Tgt Ion: 43 Resp: 1913431
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 50.434 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.012 min
 Lab File: VN077996.D
 Acq: 31 May 2023 16:31

Tgt Ion: 63 Resp: 417638
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.3 2.5 7.4

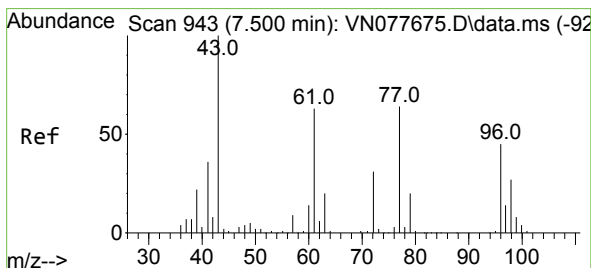
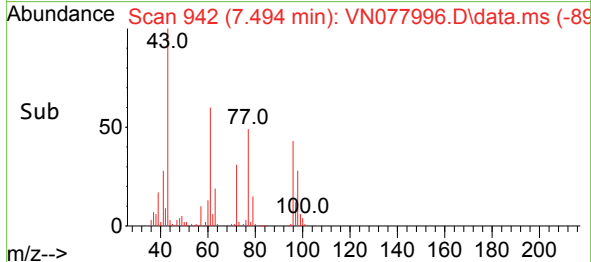
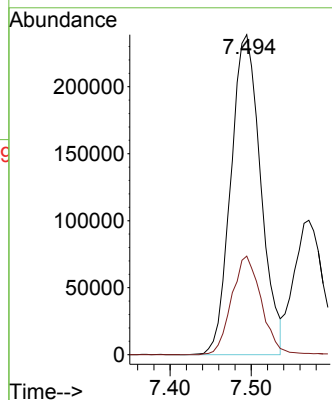
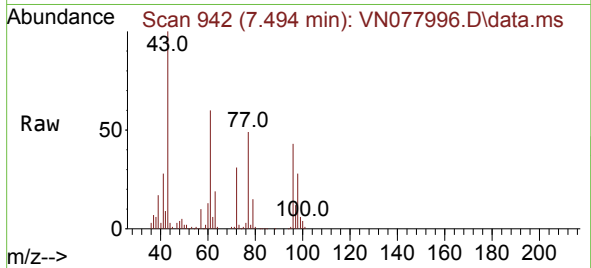




#25
2-Butanone
Concen: 222.220 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

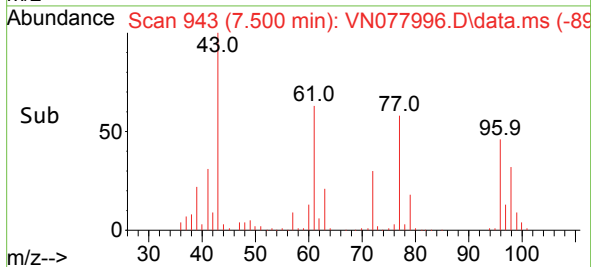
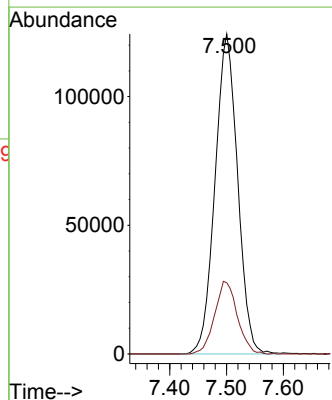
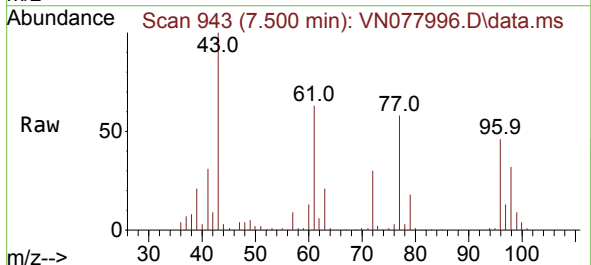
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

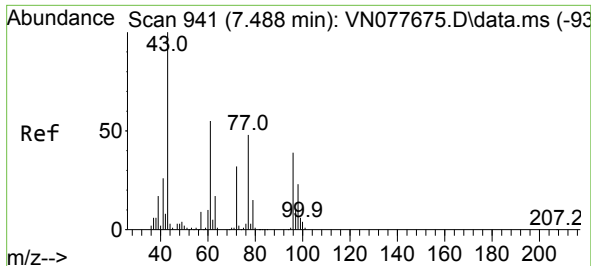
Tgt Ion: 43 Resp: 610726
Ion Ratio Lower Upper
43 100
72 30.8 30.2 45.2



#26
2,2-Dichloropropane
Concen: 48.727 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion: 77 Resp: 342804
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6

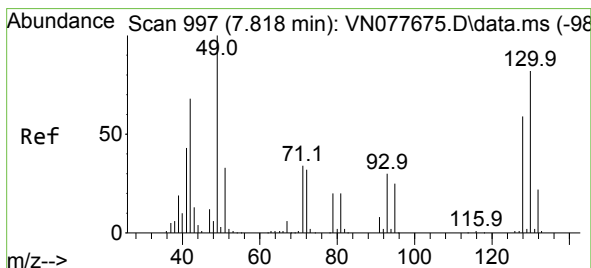
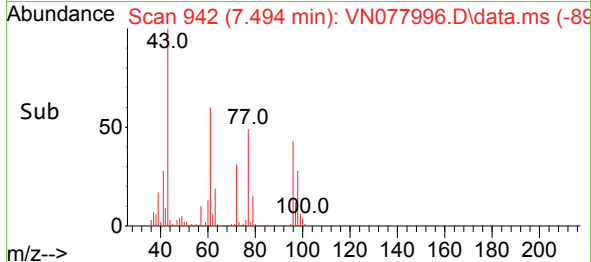
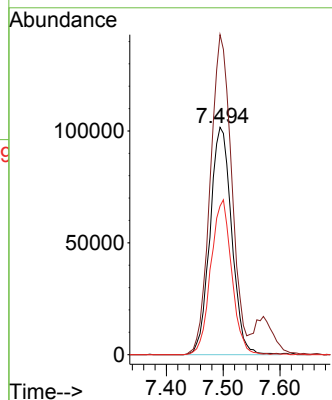
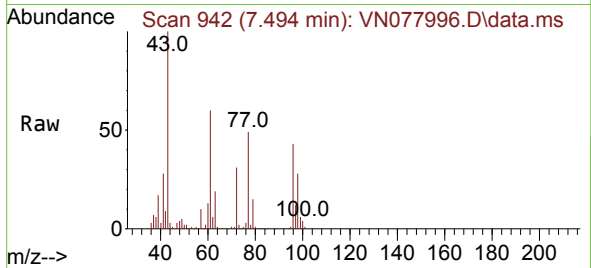




#27
 cis-1,2-Dichloroethene
 Concen: 50.939 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077996.D
 Acq: 31 May 2023 16:31

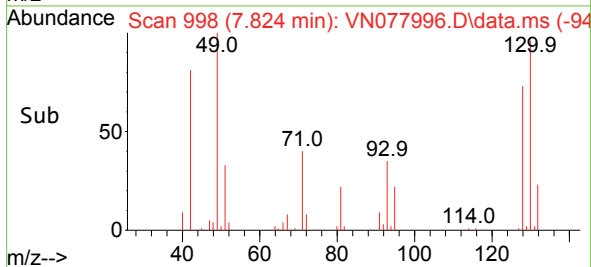
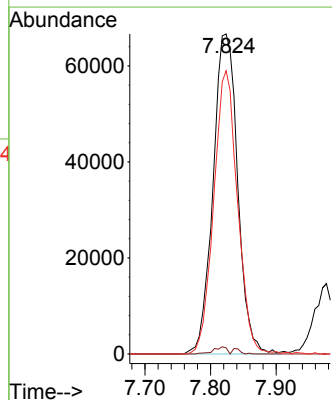
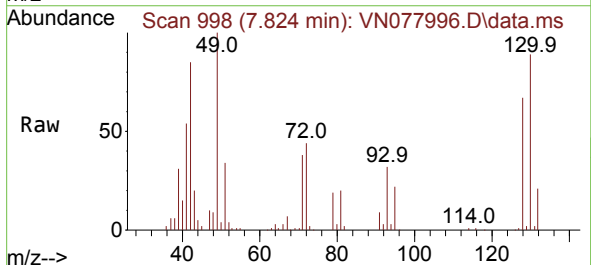
Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MSD

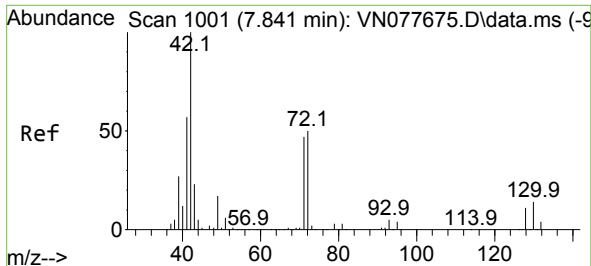
Tgt Ion: 96 Resp: 269314
 Ion Ratio Lower Upper
 96 100
 61 138.2 0.0 255.2
 98 65.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 48.471 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077996.D
 Acq: 31 May 2023 16:31

Tgt Ion: 49 Resp: 173590
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 85.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 221.680 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD

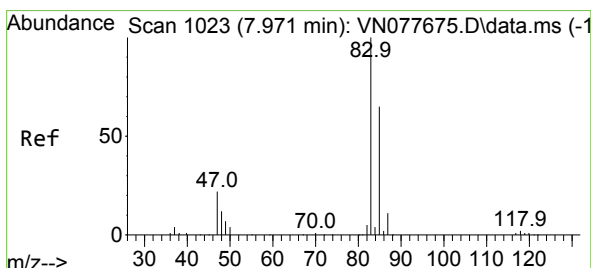
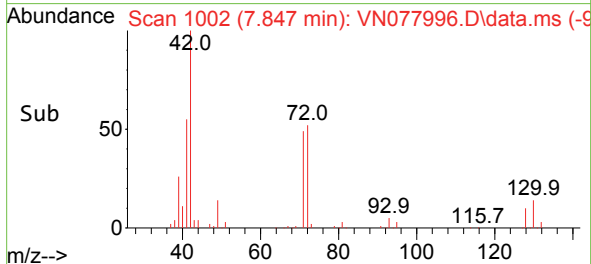
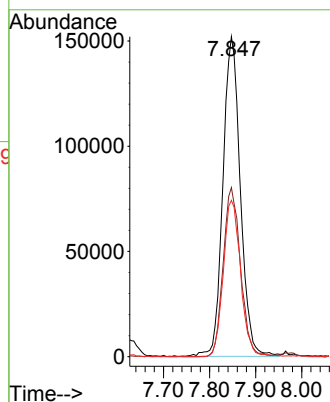
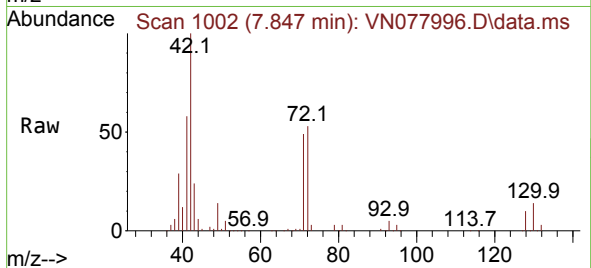
Tgt Ion: 42 Resp: 398927

Ion Ratio Lower Upper

42 100

72 52.5 49.8 74.6

71 48.6 47.4 71.2



#30

Chloroform

Concen: 49.647 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN077996.D

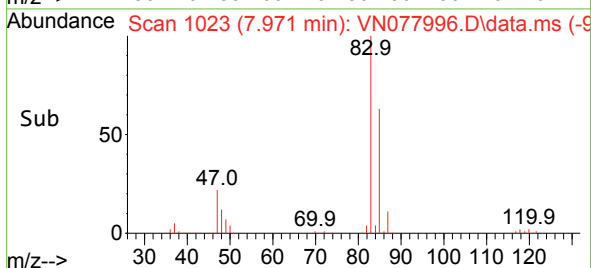
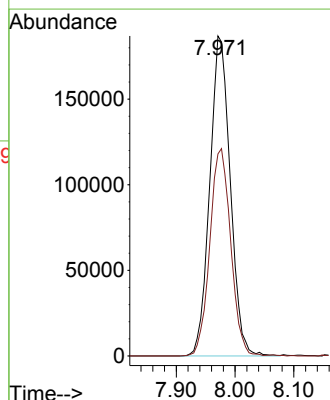
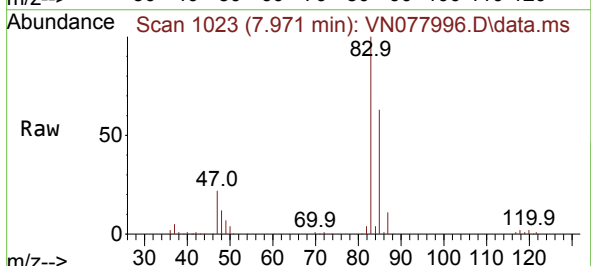
Acq: 31 May 2023 16:31

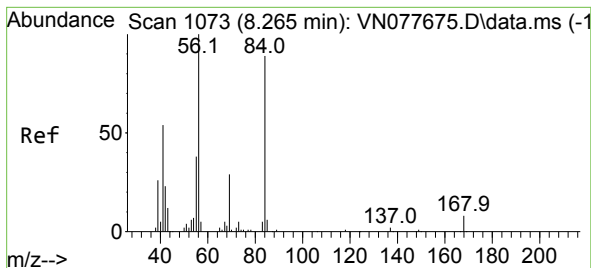
Tgt Ion: 83 Resp: 452247

Ion Ratio Lower Upper

83 100

85 63.1 55.4 83.0





#31

Cyclohexane

Concen: 44.788 ug/l

RT: 8.271 min Scan# 1073

Delta R.T. 0.006 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD

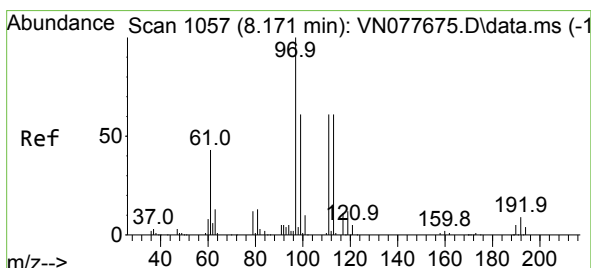
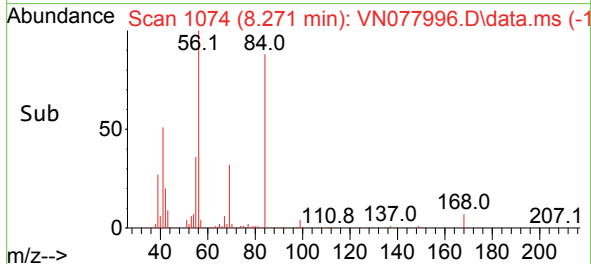
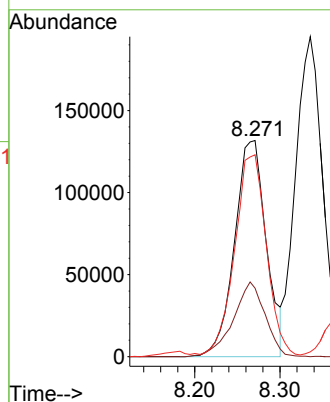
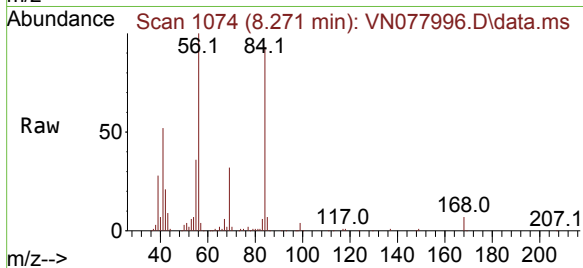
Tgt Ion: 56 Resp: 339928

Ion Ratio Lower Upper

56 100

69 31.7 26.8 40.2

84 90.9 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 51.742 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

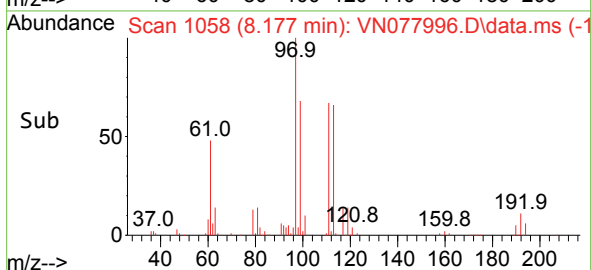
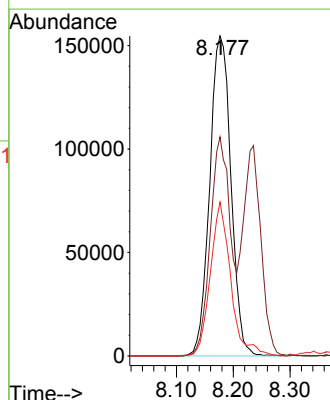
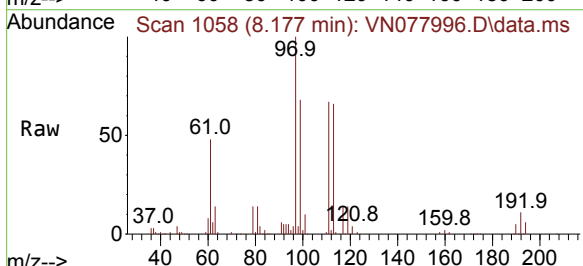
Tgt Ion: 97 Resp: 400725

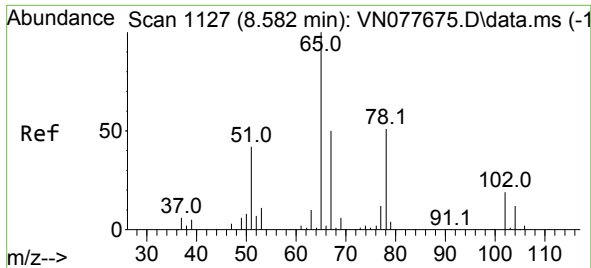
Ion Ratio Lower Upper

97 100

99 65.4 50.3 75.5

61 46.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.149 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

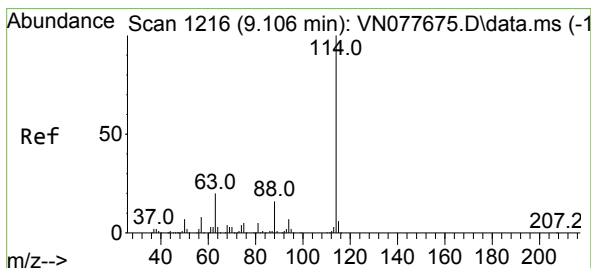
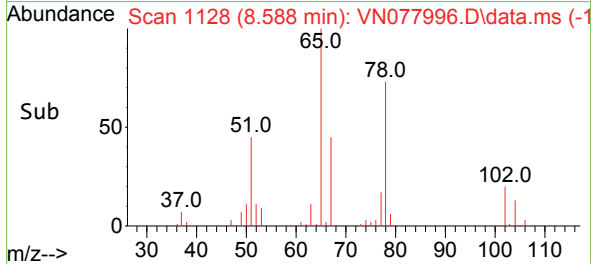
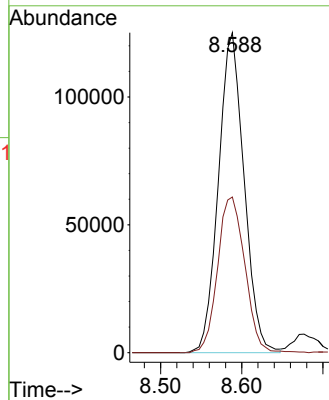
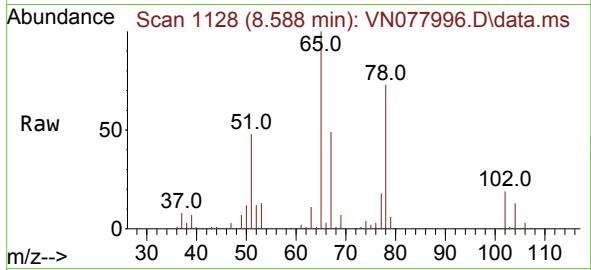
MW33S-20230523MSD

Tgt Ion: 65 Resp: 274464

Ion Ratio Lower Upper

65 100

67 51.7 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: VN077996.D

Acq: 31 May 2023 16:31

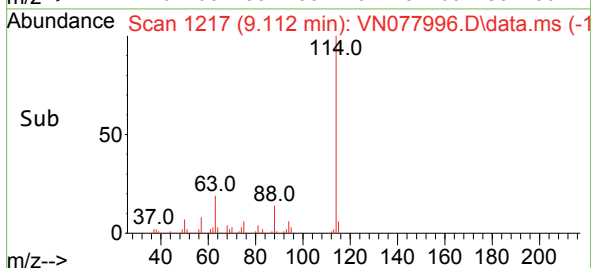
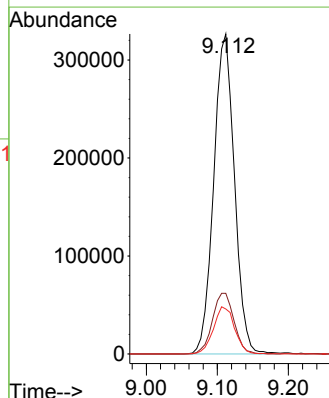
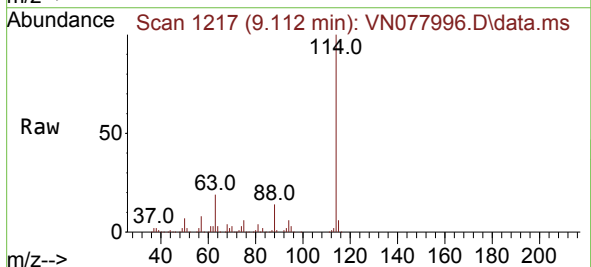
Tgt Ion: 114 Resp: 660544

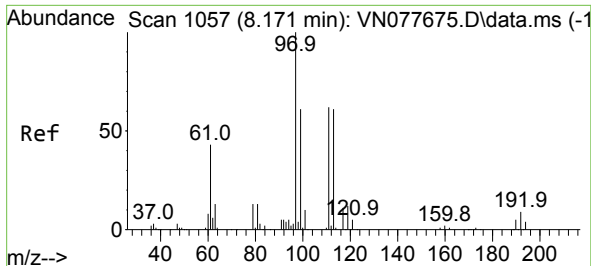
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 14.1 0.0 30.6

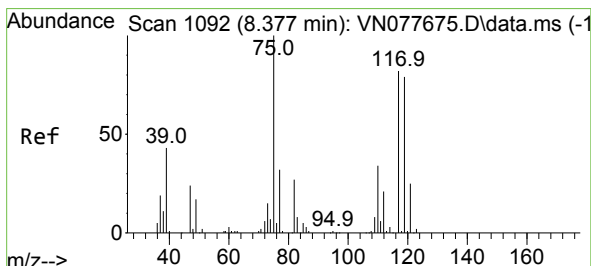
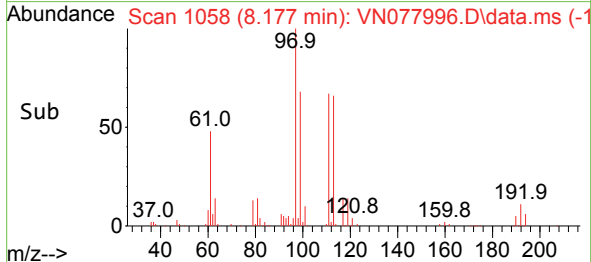
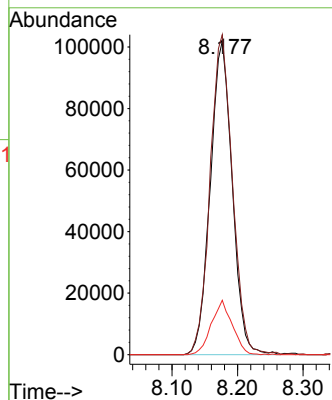
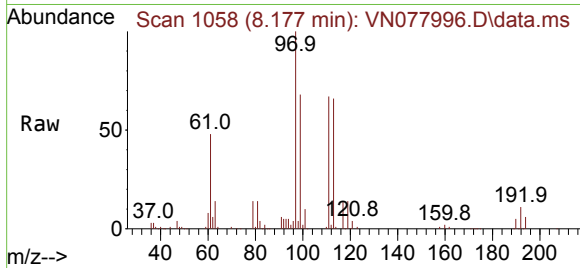




#35
Dibromofluoromethane
Concen: 54.877 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

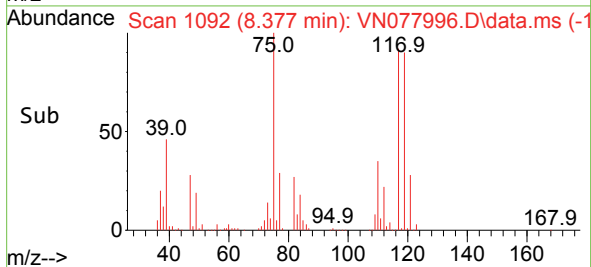
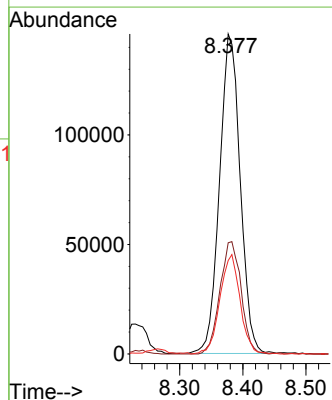
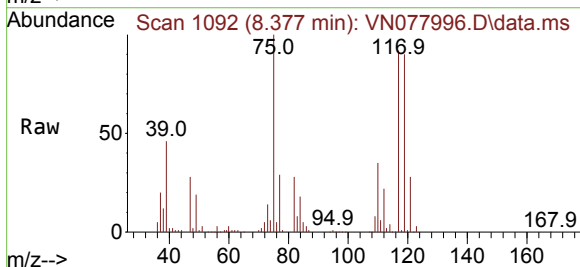
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

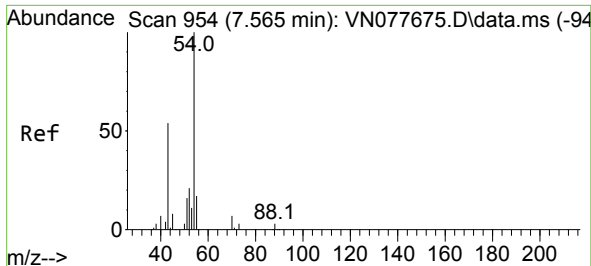
Tgt Ion:113 Resp: 236375
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 16.6 12.7 19.1



#36
1,1-Dichloropropene
Concen: 52.642 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion: 75 Resp: 331654
Ion Ratio Lower Upper
75 100
110 36.0 19.1 57.3
77 30.4 25.0 37.4

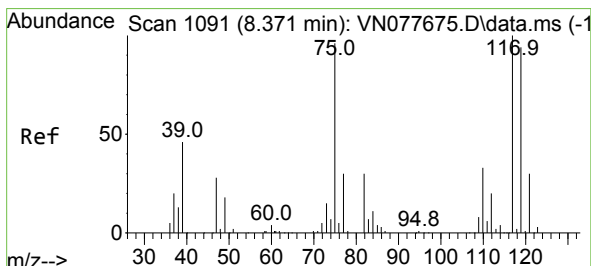
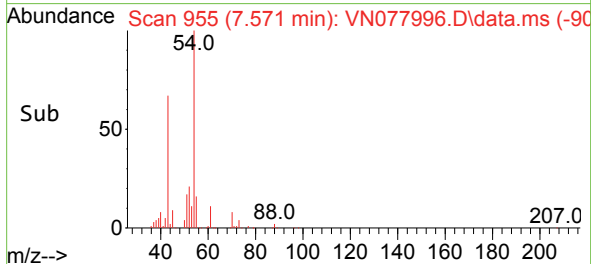
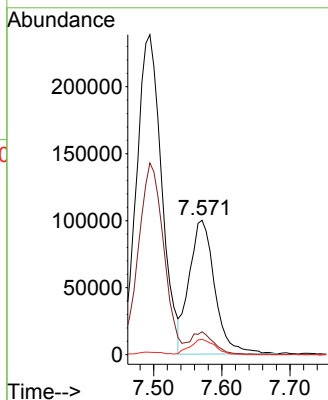
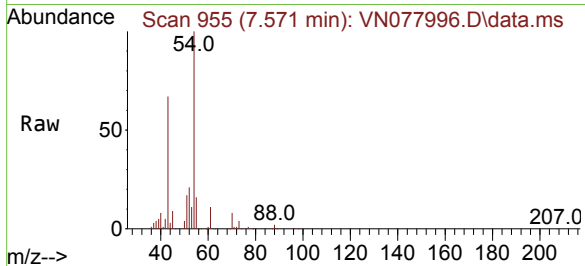




#37
Ethyl Acetate
Concen: 46.250 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

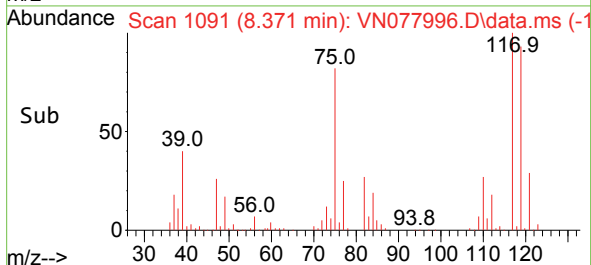
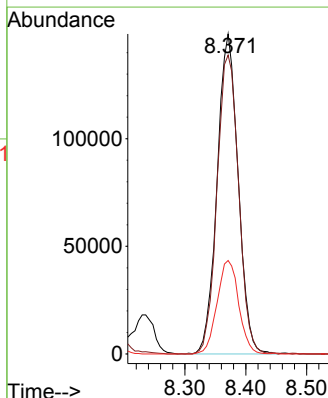
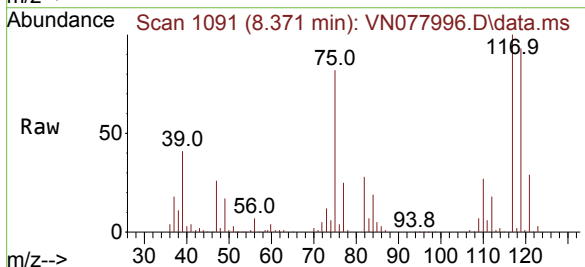
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

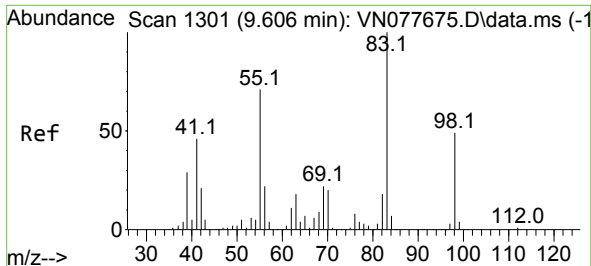
Tgt Ion: 43 Resp: 259709
Ion Ratio Lower Upper
43 100
61 14.6 13.2 19.8
70 11.2 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 56.035 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion: 117 Resp: 356487
Ion Ratio Lower Upper
117 100
119 93.4 77.3 115.9
121 29.2 23.3 34.9





#39

Methylcyclohexane

Concen: 47.054 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD

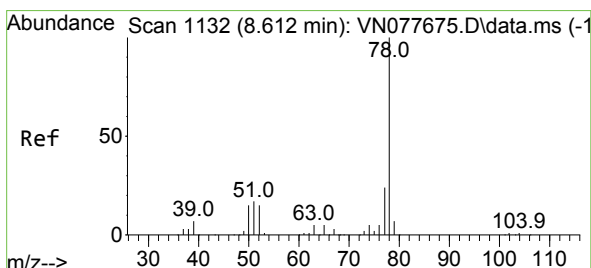
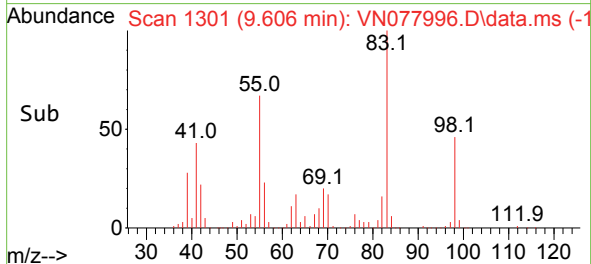
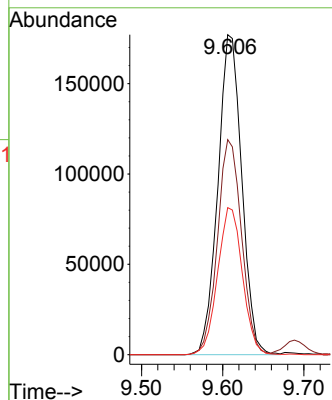
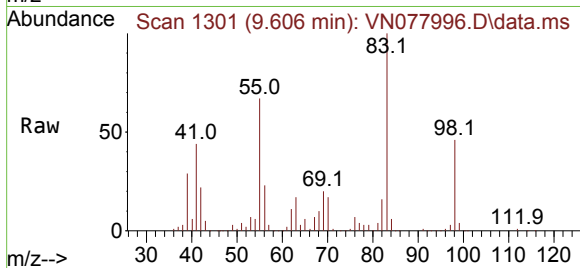
Tgt Ion: 83 Resp: 362925

Ion Ratio Lower Upper

83 100

55 67.2 49.1 73.7

98 46.0 40.6 61.0



#40

Benzene

Concen: 53.102 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077996.D

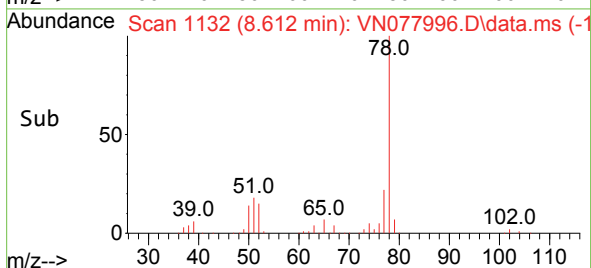
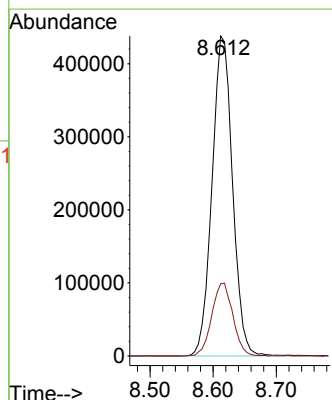
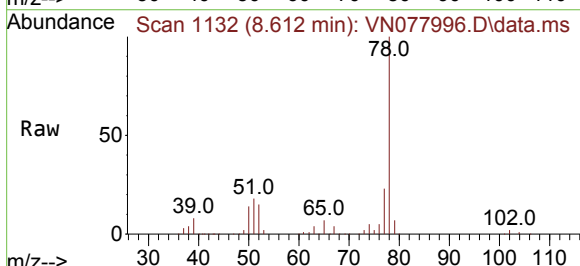
Acq: 31 May 2023 16:31

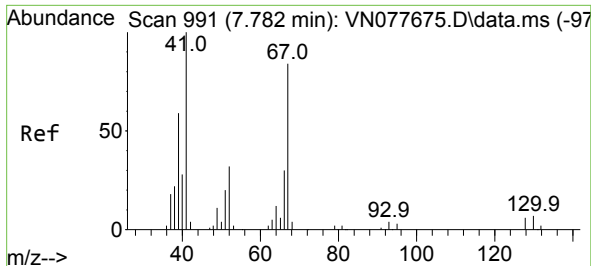
Tgt Ion: 78 Resp: 987252

Ion Ratio Lower Upper

78 100

77 22.6 19.0 28.6

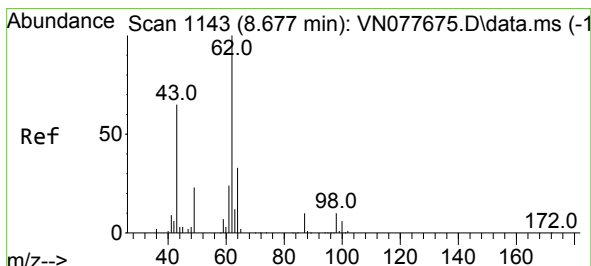
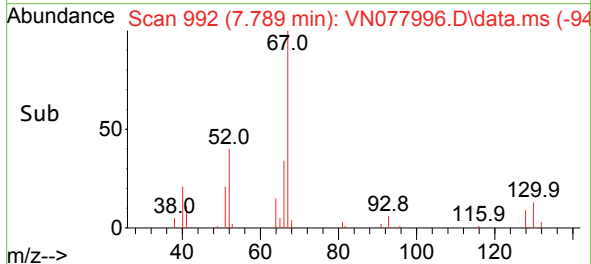
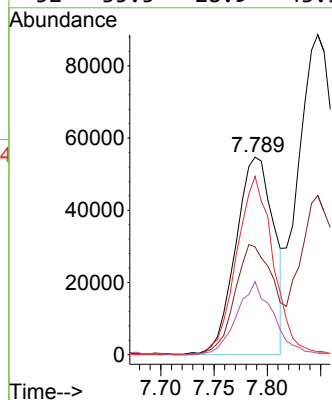
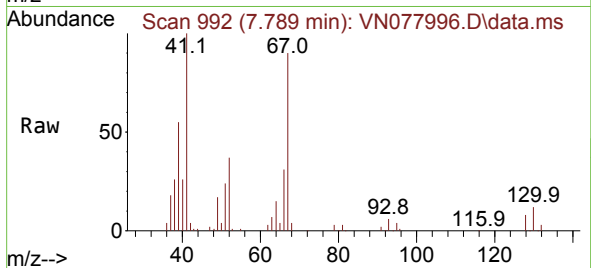




#41
Methacrylonitrile
Concen: 45.470 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

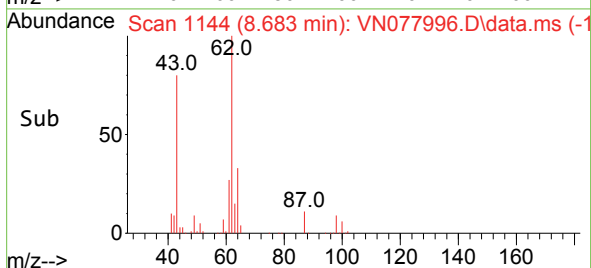
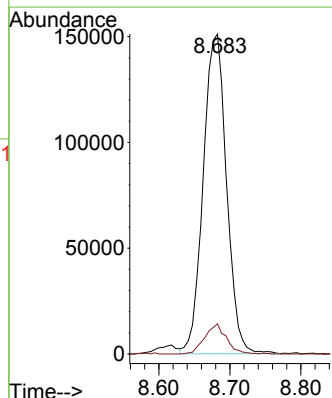
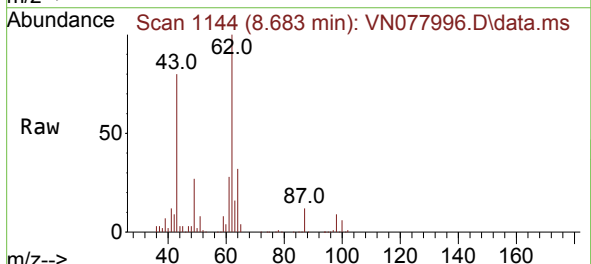
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

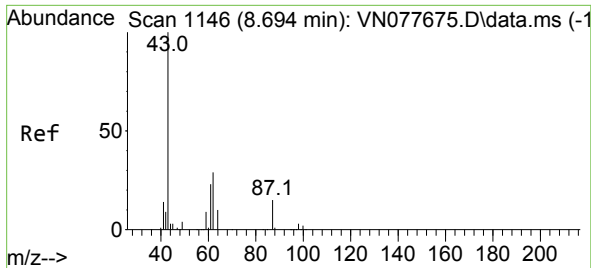
Tgt Ion: 41	Resp: 135978
Ion Ratio	Lower Upper
41 100	
39 59.0	42.6 64.0
67 87.7	77.5 116.3
52 35.5	28.9 43.3



#42
1,2-Dichloroethane
Concen: 51.173 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion: 62	Resp: 345599
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 19.8

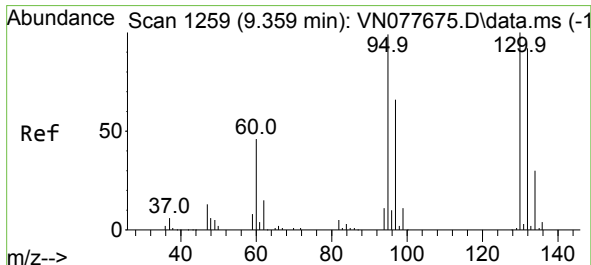
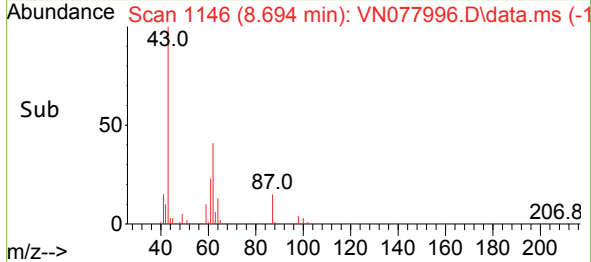
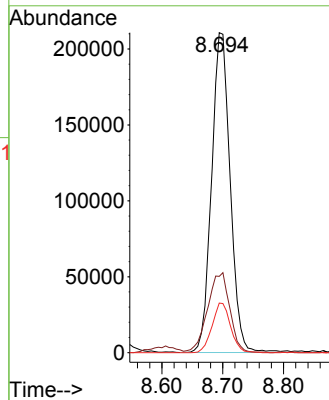
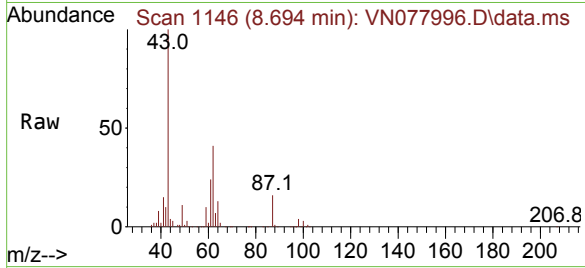




#43
Isopropyl Acetate
Concen: 48.690 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

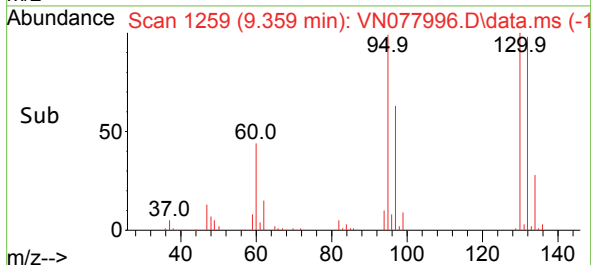
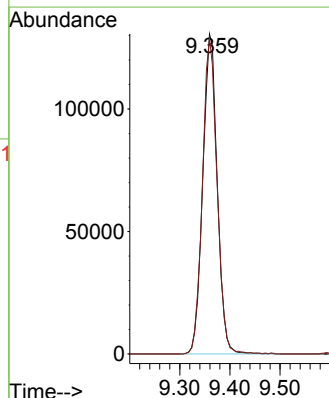
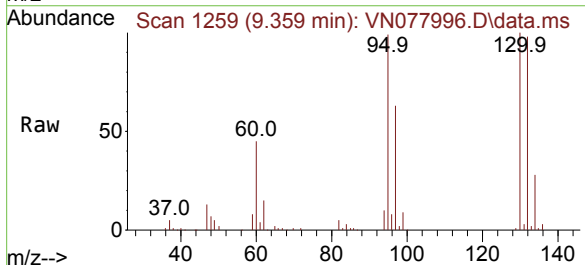
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

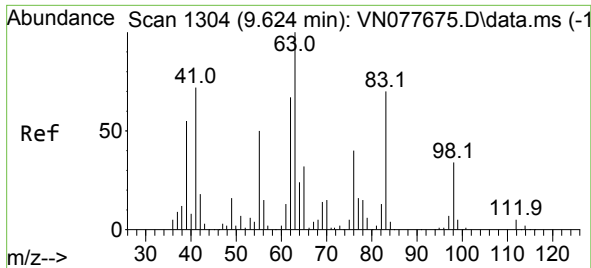
Tgt Ion: 43 Resp: 446588
Ion Ratio Lower Upper
43 100
61 30.0 24.7 37.1
87 15.4 14.6 21.8



#44
Trichloroethene
Concen: 55.703 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion:130 Resp: 262225
Ion Ratio Lower Upper
130 100
95 98.6 0.0 204.6

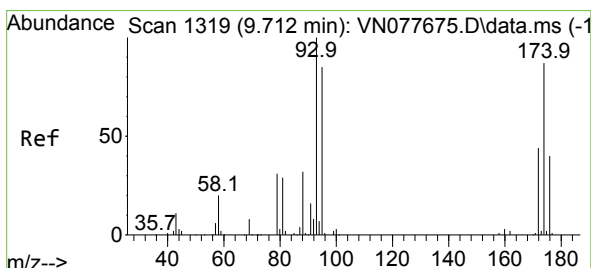
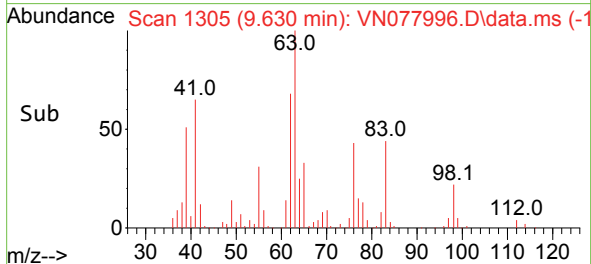
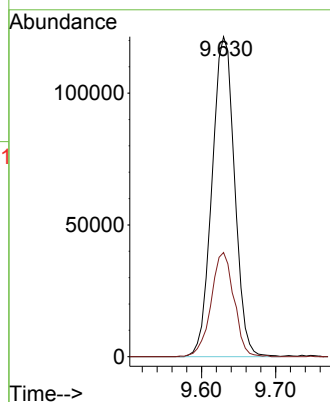
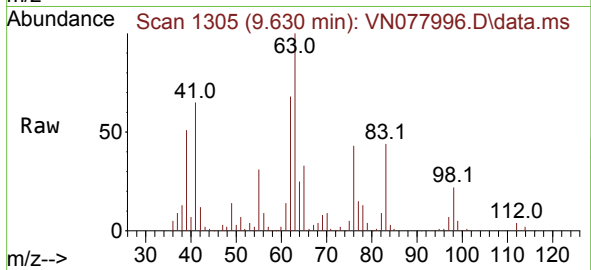




#45
1,2-Dichloropropane
Concen: 54.084 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

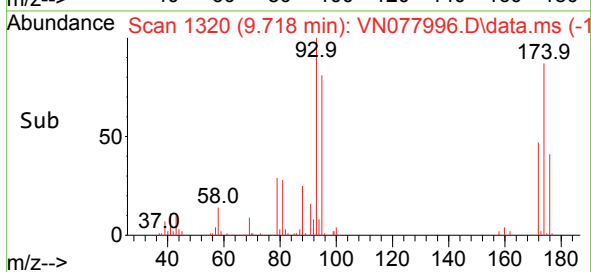
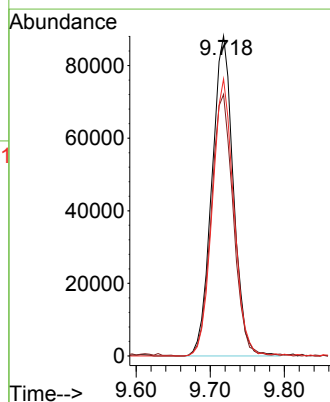
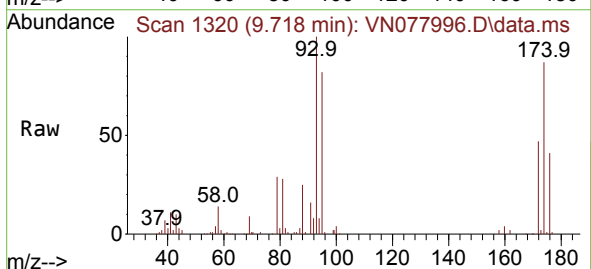
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

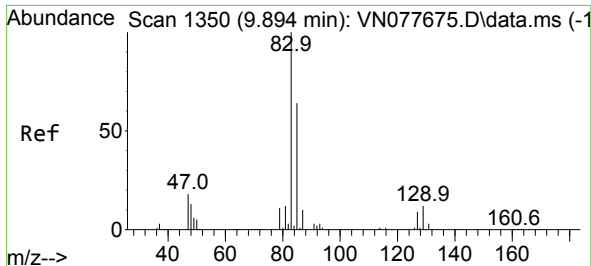
Tgt Ion: 63 Resp: 256474
Ion Ratio Lower Upper
63 100
65 32.5 23.9 35.9



#46
Dibromomethane
Concen: 52.325 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion: 93 Resp: 177557
Ion Ratio Lower Upper
93 100
95 83.9 63.8 95.8
174 86.6 65.6 98.4

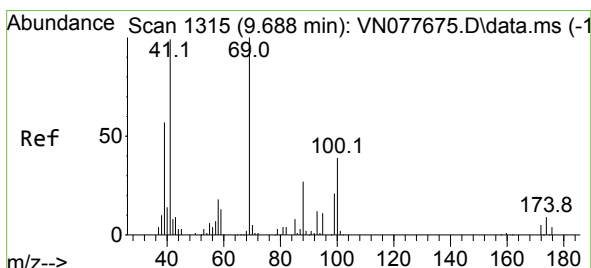
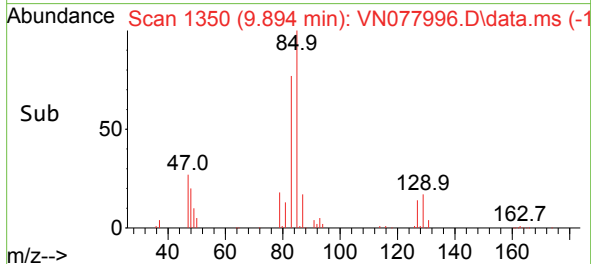
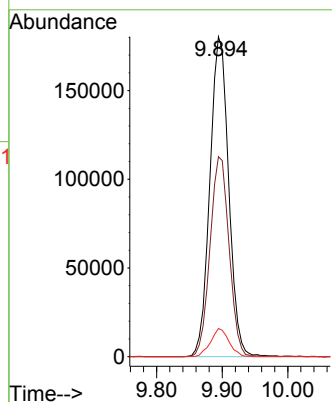
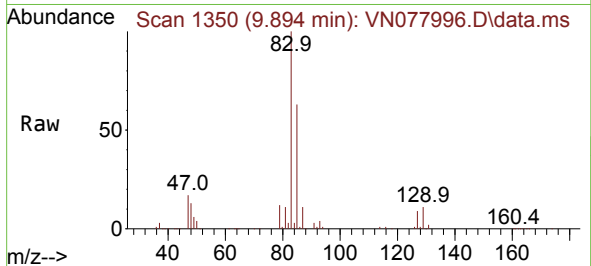




#47
Bromodichloromethane
Concen: 55.279 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

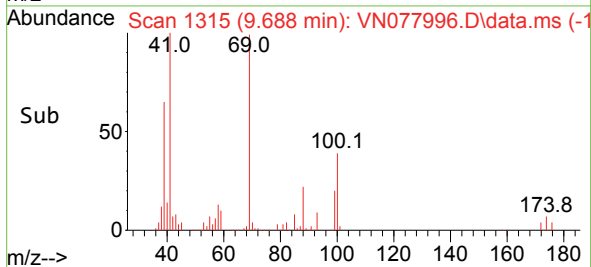
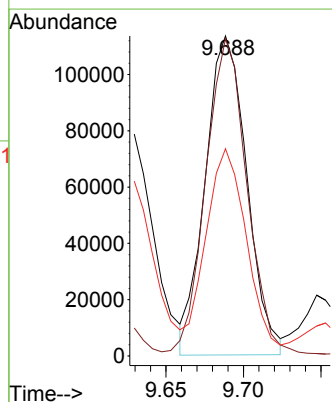
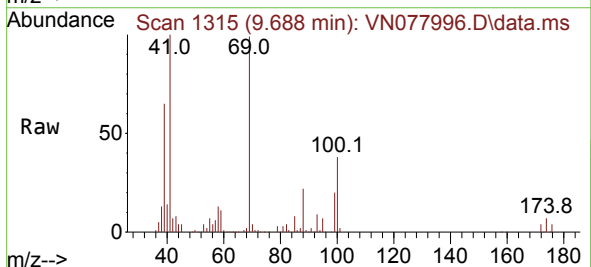
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

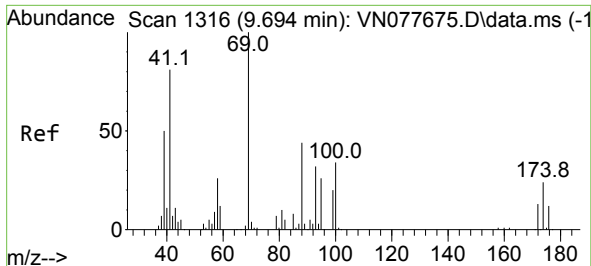
Tgt Ion: 83 Resp: 359123
Ion Ratio Lower Upper
83 100
85 62.5 49.6 74.4
127 8.8 7.0 10.6



#48
Methyl methacrylate
Concen: 48.652 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion: 41 Resp: 211571
Ion Ratio Lower Upper
41 100
69 99.5 90.4 135.6
39 64.3 54.6 81.8





#49

1,4-Dioxane

Concen: 1097.864 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN077996.D

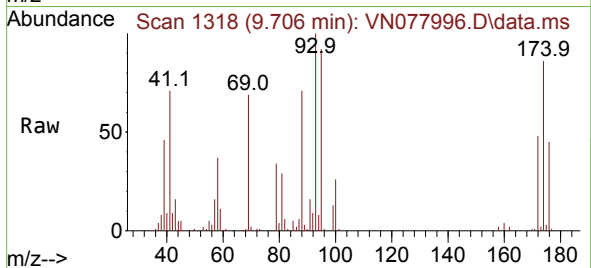
Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD



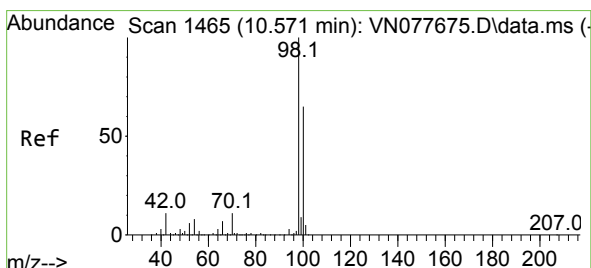
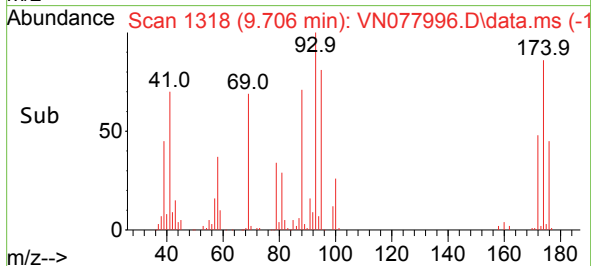
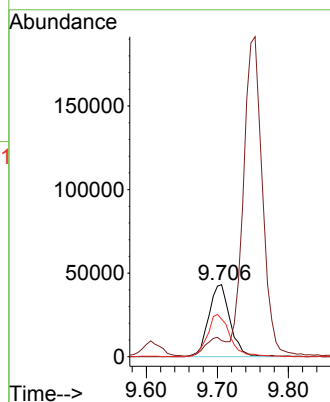
Tgt Ion: 88 Resp: 90173

Ion Ratio Lower Upper

88 100

43 23.3 17.0 25.6

58 61.7 47.0 70.4



#50

Toluene-d8

Concen: 51.704 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN077996.D

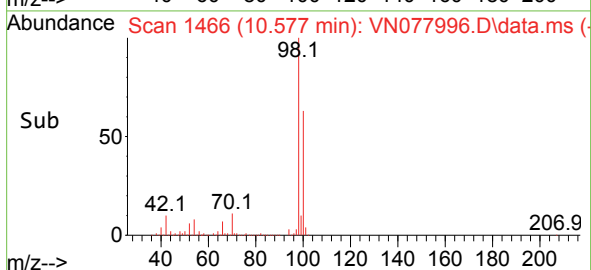
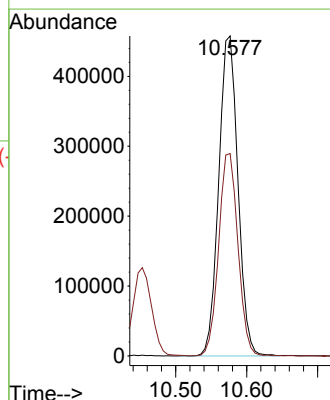
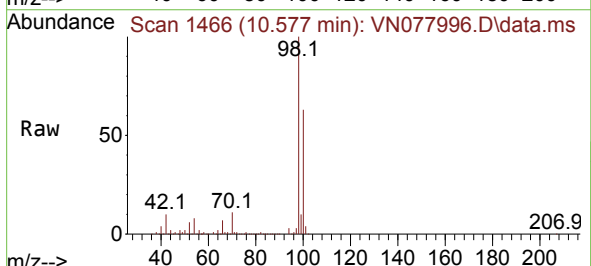
Acq: 31 May 2023 16:31

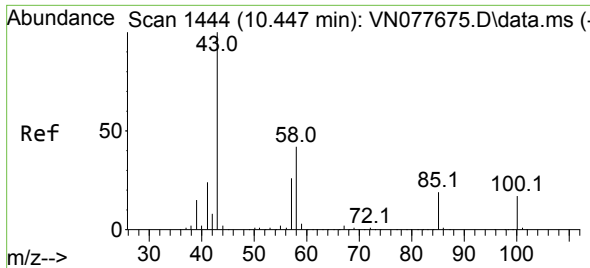
Tgt Ion: 98 Resp: 857214

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0

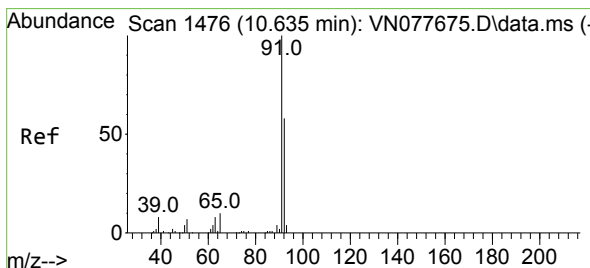
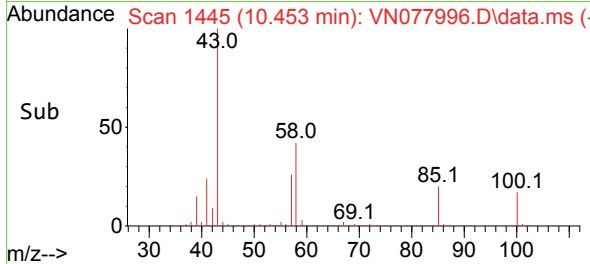
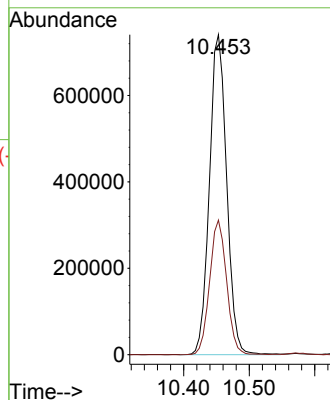
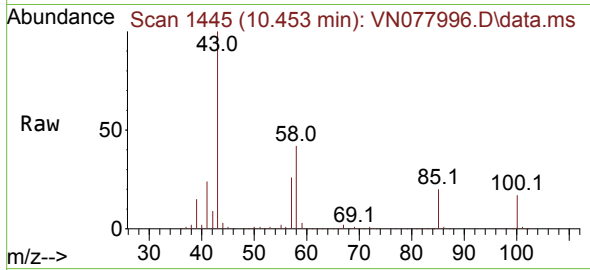




#51
4-Methyl-2-Pentanone
Concen: 248.592 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

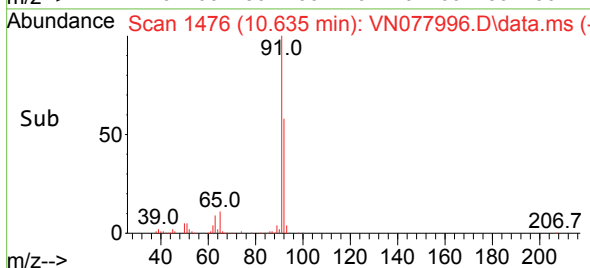
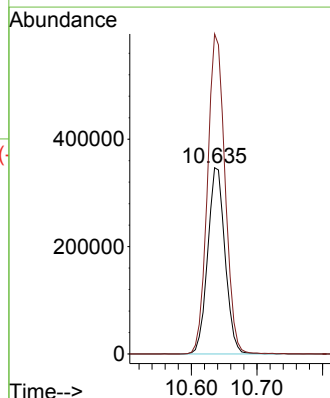
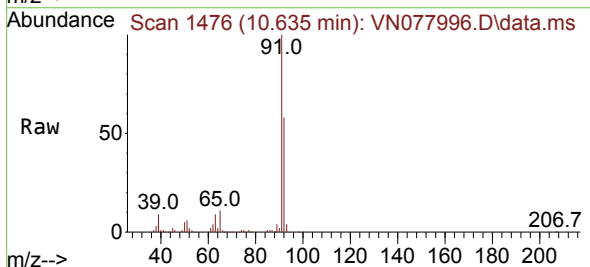
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

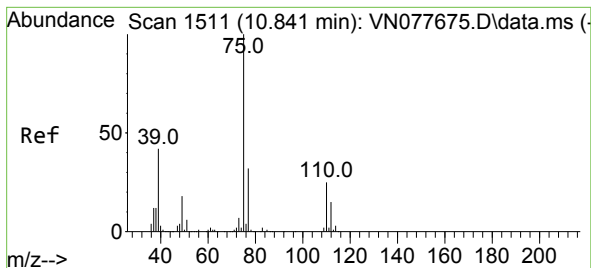
Tgt Ion: 43 Resp: 1355332
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8



#52
Toluene
Concen: 55.097 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion: 92 Resp: 637700
Ion Ratio Lower Upper
92 100
91 173.9 137.4 206.0

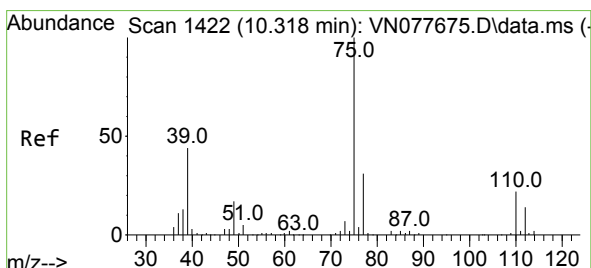
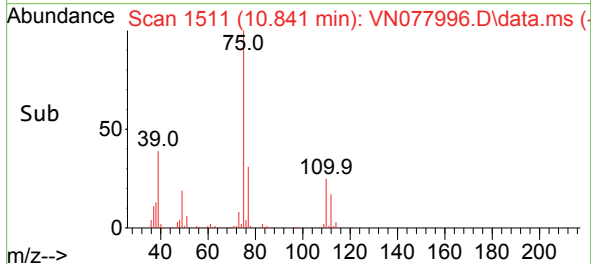
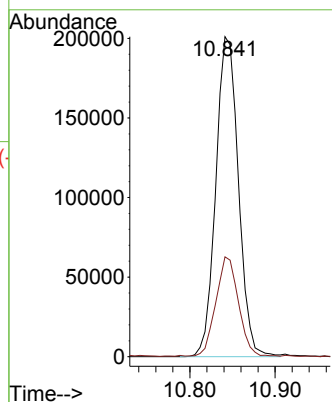
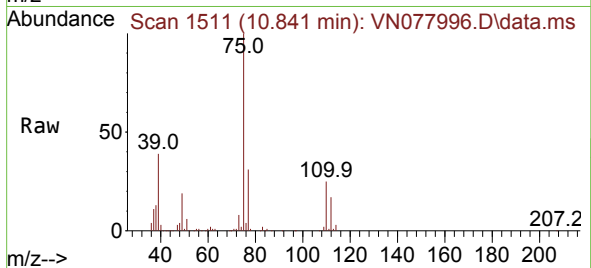




#53
t-1,3-Dichloropropene
Concen: 53.827 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

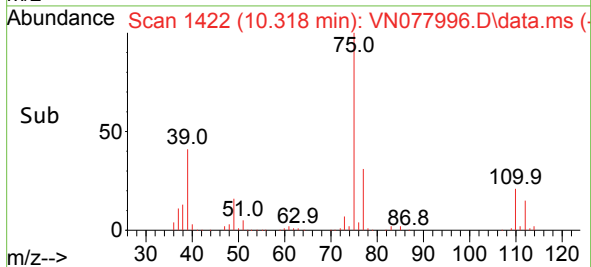
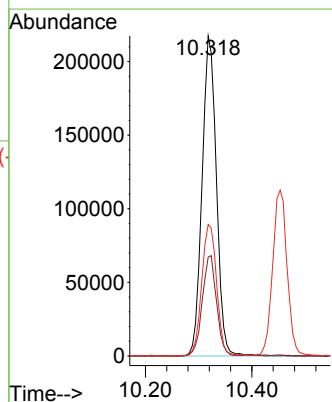
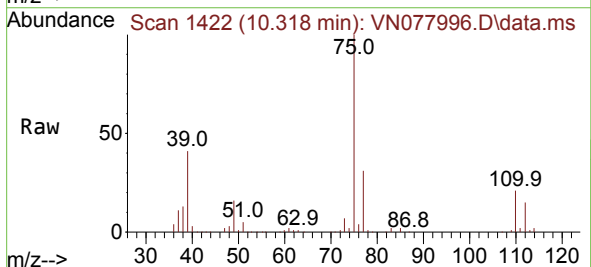
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

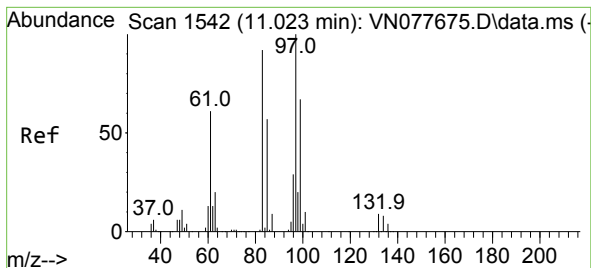
Tgt Ion: 75 Resp: 370312
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 53.615 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion: 75 Resp: 406479
Ion Ratio Lower Upper
75 100
77 30.9 26.1 39.1
39 41.0 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 54.375 ug/l

RT: 11.024 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD

Tgt Ion: 97 Resp: 249886

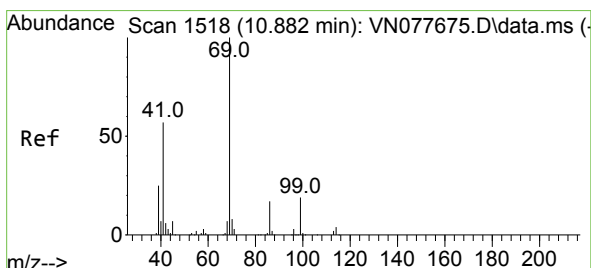
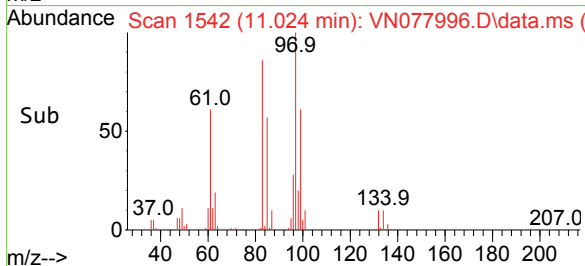
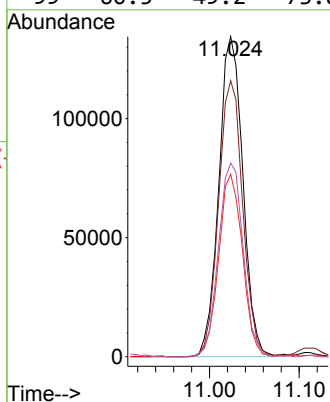
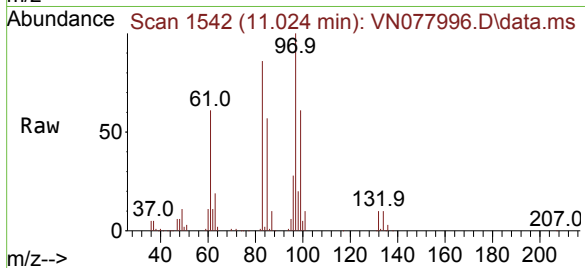
Ion Ratio Lower Upper

97 100

83 86.2 65.1 97.7

85 57.1 43.4 65.2

99 60.5 49.2 73.8



#56

Ethyl methacrylate

Concen: 52.062 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

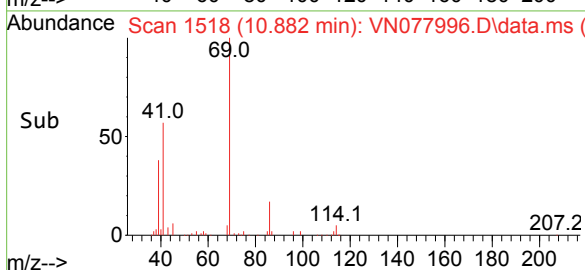
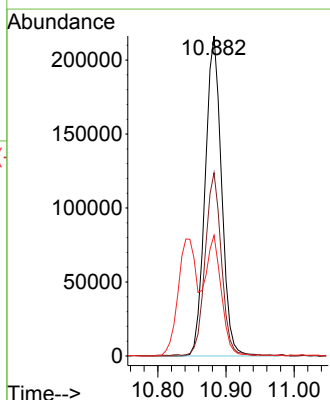
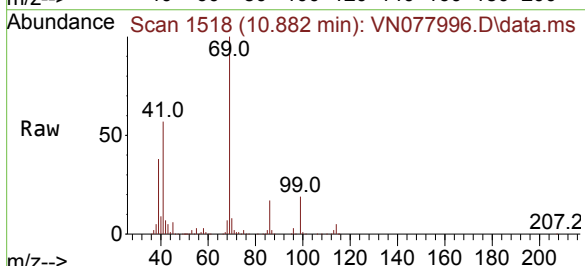
Tgt Ion: 69 Resp: 361757

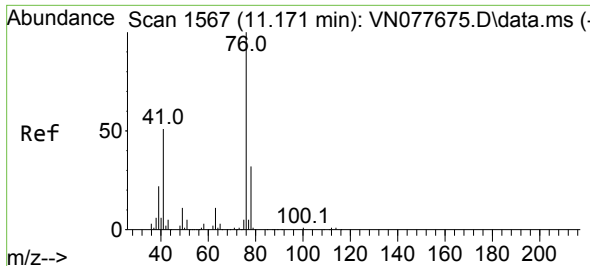
Ion Ratio Lower Upper

69 100

41 56.7 39.6 59.4

39 33.7 28.6 43.0





#57

1,3-Dichloropropane

Concen: 53.275 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

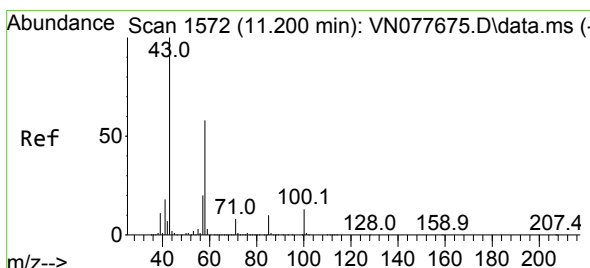
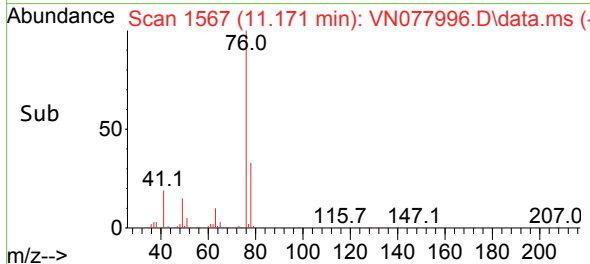
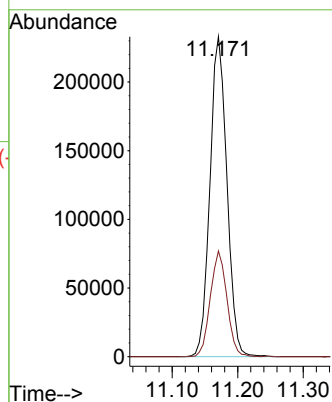
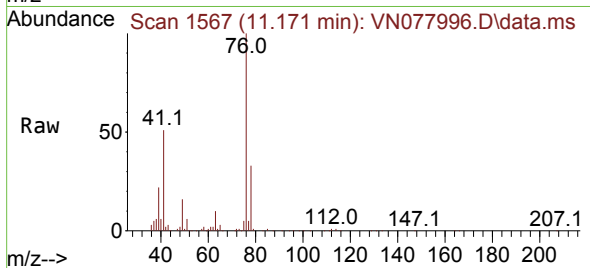
MW33S-20230523MSD

Tgt Ion: 76 Resp: 419720

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#59

2-Hexanone

Concen: 237.093 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.006 min

Lab File: VN077996.D

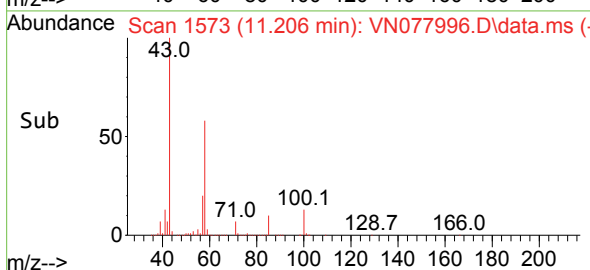
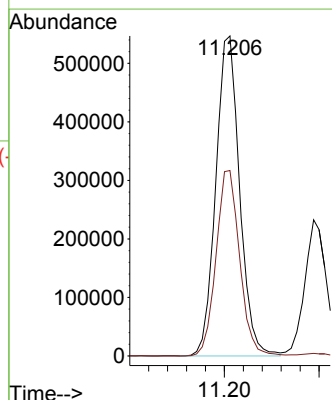
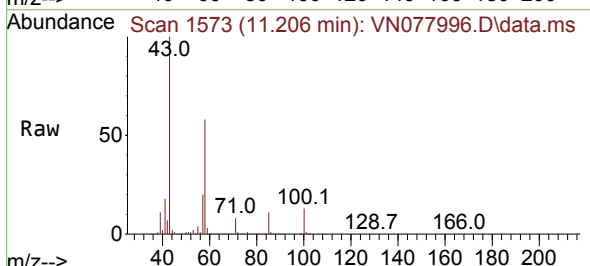
Acq: 31 May 2023 16:31

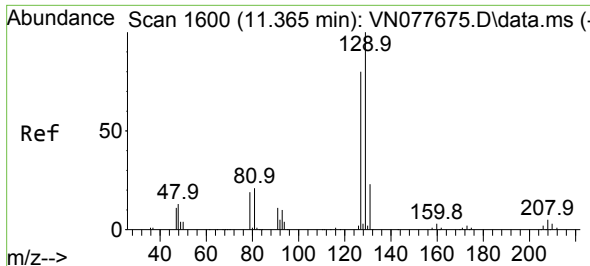
Tgt Ion: 43 Resp: 956112

Ion Ratio Lower Upper

43 100

58 57.4 31.7 95.1

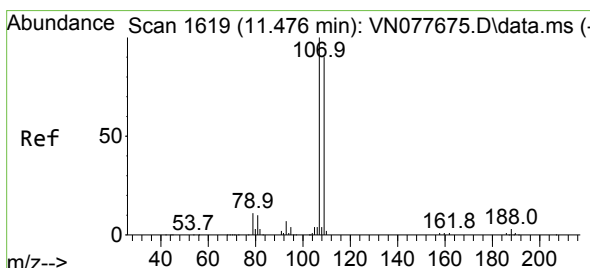
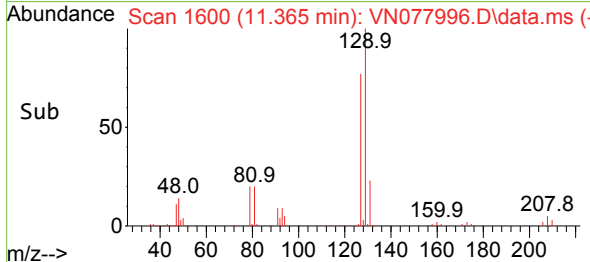
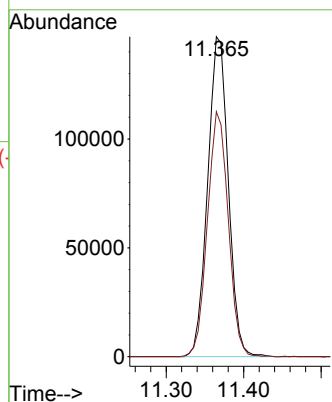
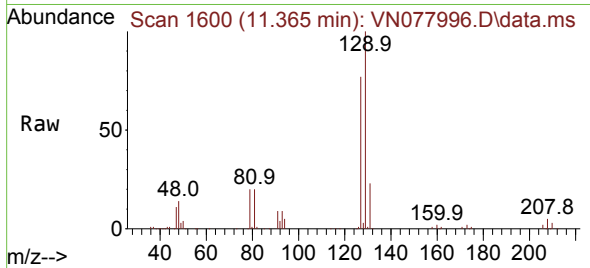




#60
Dibromochloromethane
Concen: 57.360 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

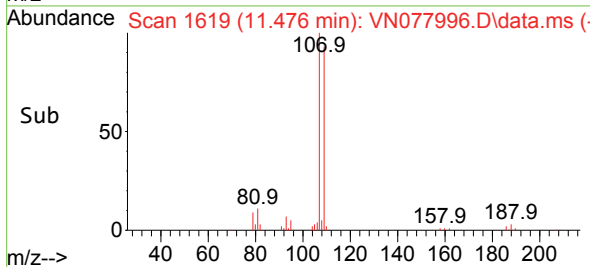
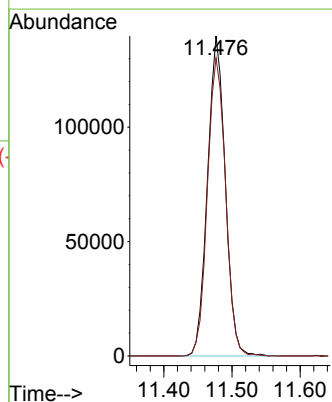
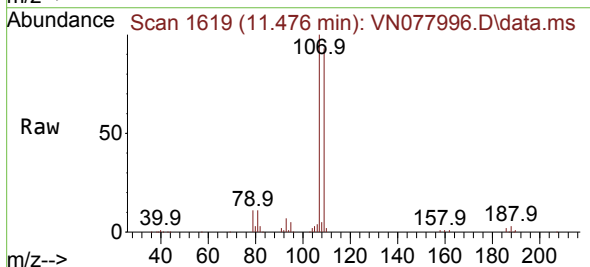
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

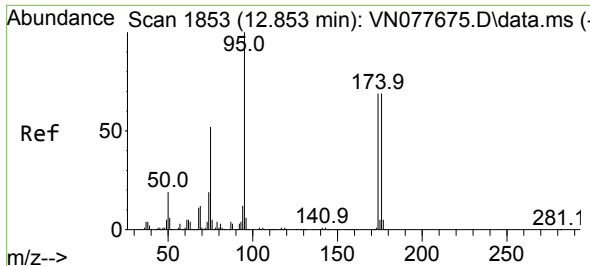
Tgt Ion:129 Resp: 272133
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0



#61
1,2-Dibromoethane
Concen: 55.448 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion:107 Resp: 254214
Ion Ratio Lower Upper
107 100
109 95.1 76.6 114.8

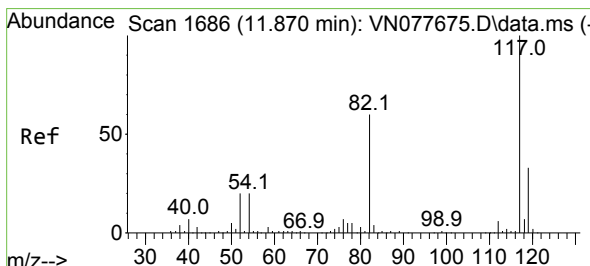
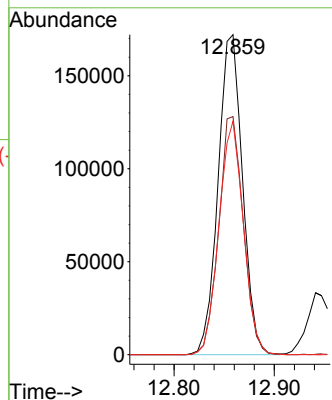
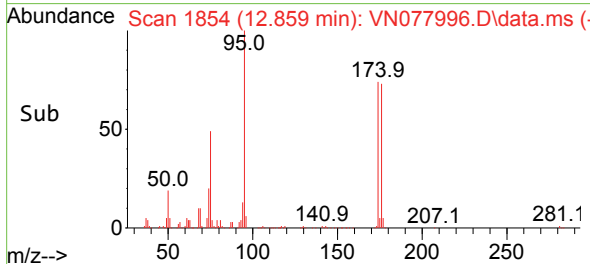
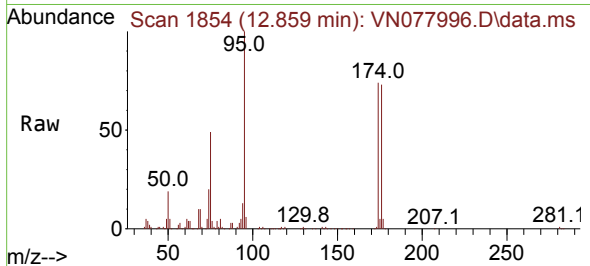




#62
4-Bromofluorobenzene
Concen: 49.699 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

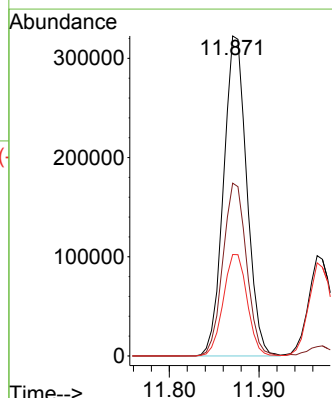
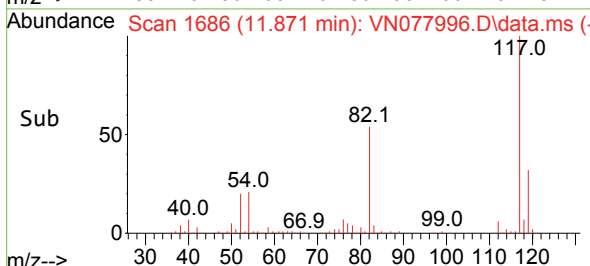
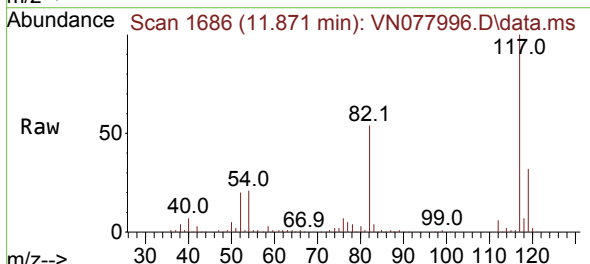
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

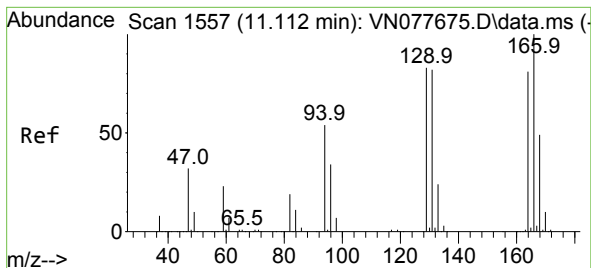
Tgt Ion: 95 Resp: 291009
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 73.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion: 117 Resp: 579289
Ion Ratio Lower Upper
117 100
82 54.0 44.0 66.0
119 31.7 25.6 38.4





#64

Tetrachloroethene

Concen: 58.817 ug/l

RT: 11.112 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077996.D

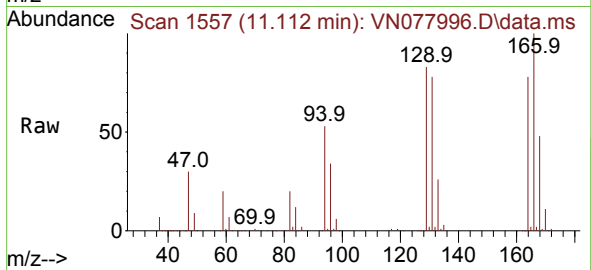
Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD



Tgt Ion:164 Resp: 238273

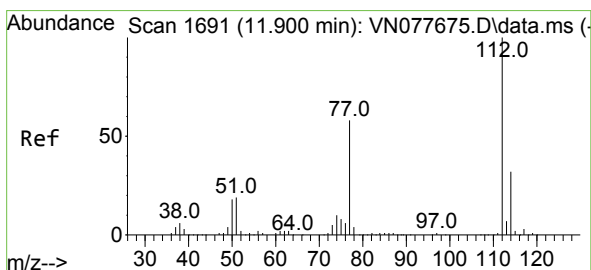
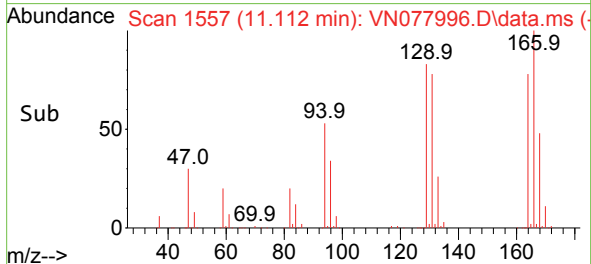
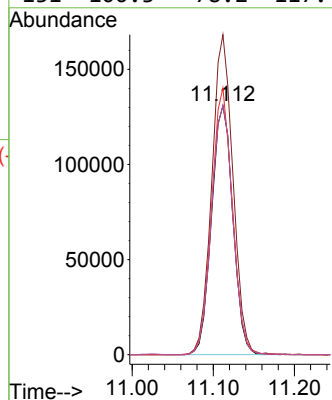
Ion Ratio Lower Upper

164 100

166 128.6 101.4 152.0

129 107.2 82.4 123.6

131 100.3 78.2 117.4



#65

Chlorobenzene

Concen: 54.075 ug/l

RT: 11.900 min Scan# 1691

Delta R.T. 0.000 min

Lab File: VN077996.D

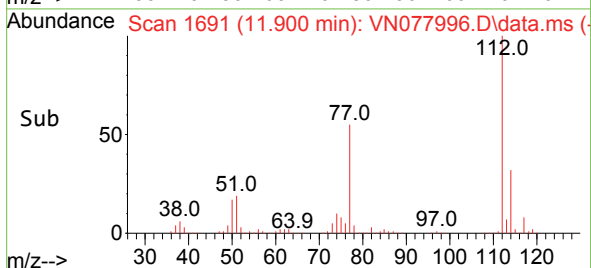
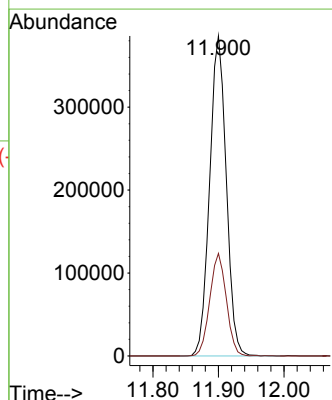
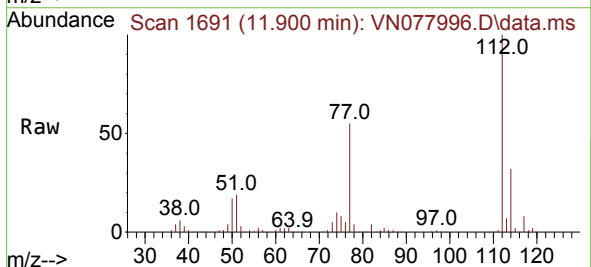
Acq: 31 May 2023 16:31

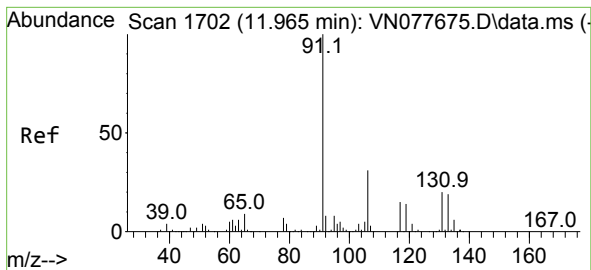
Tgt Ion:112 Resp: 679086

Ion Ratio Lower Upper

112 100

114 32.0 25.0 37.4

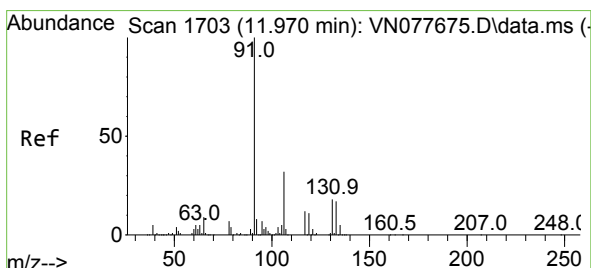
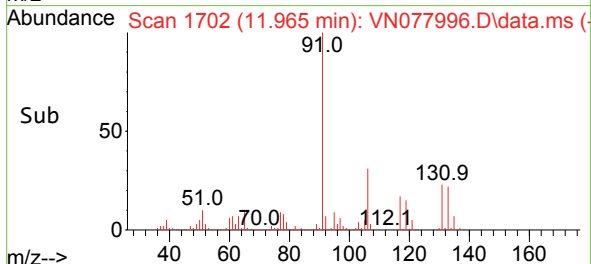
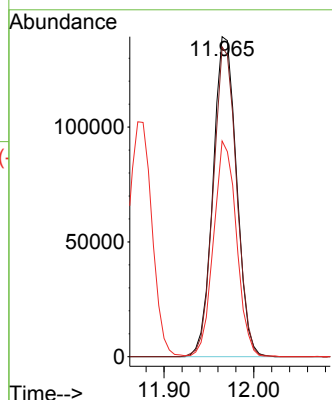
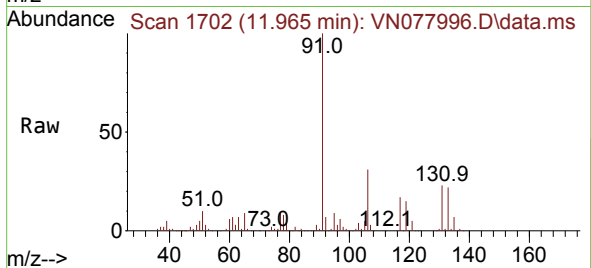




#66
 1,1,1,2-Tetrachloroethane
 Concen: 58.596 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN077996.D
 Acq: 31 May 2023 16:31

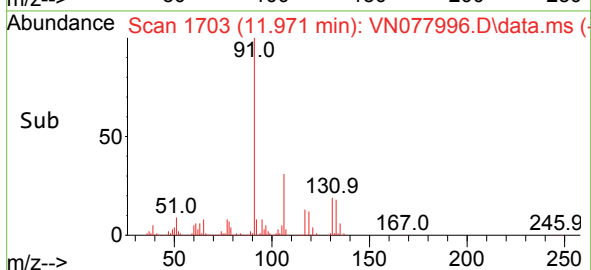
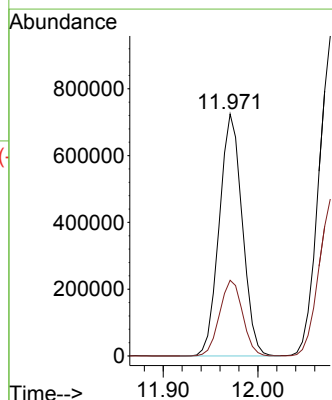
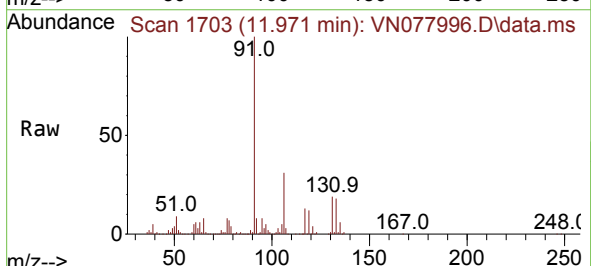
Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MSD

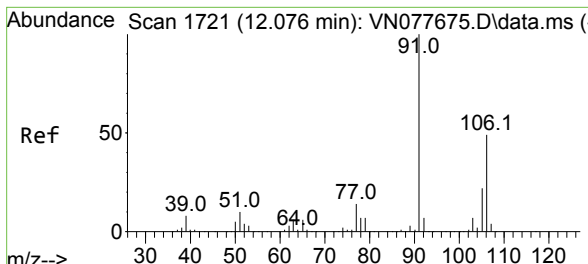
Tgt Ion:131 Resp: 254618
 Ion Ratio Lower Upper
 131 100
 133 95.8 46.4 139.1
 119 65.5 34.1 102.2



#67
 Ethyl Benzene
 Concen: 54.435 ug/l
 RT: 11.971 min Scan# 1703
 Delta R.T. 0.001 min
 Lab File: VN077996.D
 Acq: 31 May 2023 16:31

Tgt Ion: 91 Resp: 1225062
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.6 38.4

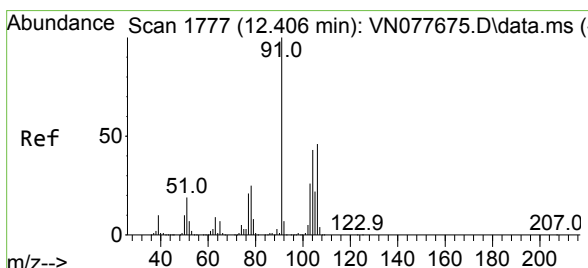
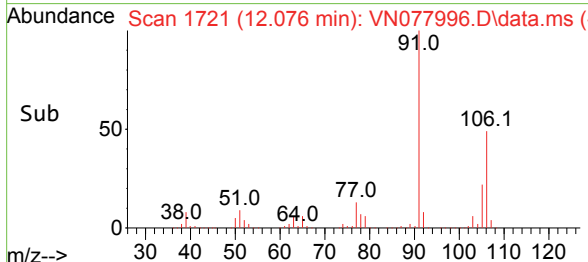
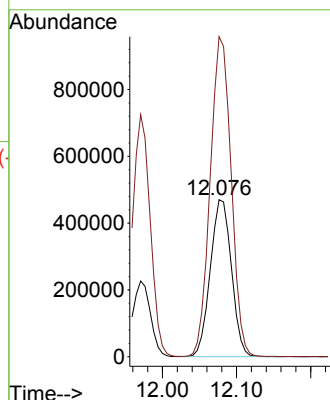
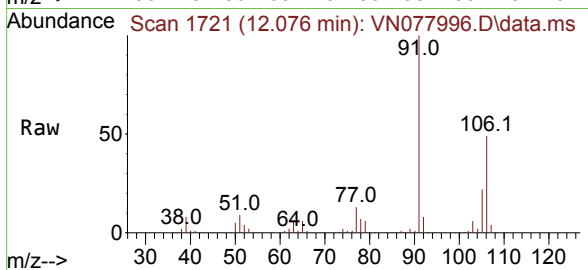




#68
m/p-Xylenes
Concen: 109.073 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

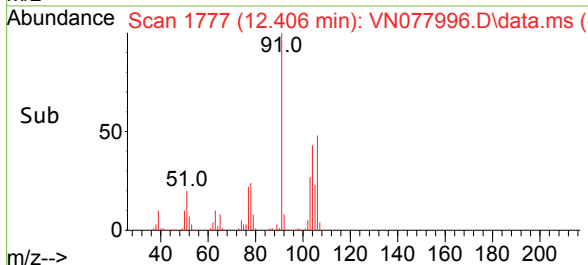
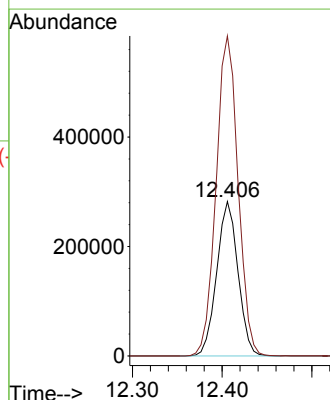
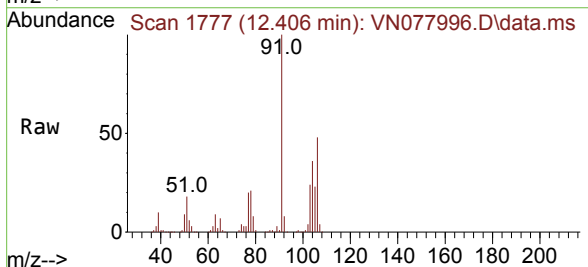
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

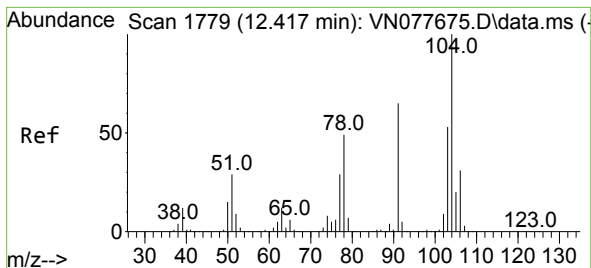
Tgt Ion:106 Resp: 930105
Ion Ratio Lower Upper
106 100
91 202.8 159.6 239.4



#69
o-Xylene
Concen: 55.282 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion:106 Resp: 463608
Ion Ratio Lower Upper
106 100
91 214.0 105.2 315.5





#70

Styrene

Concen: 55.688 ug/l

RT: 12.418 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD

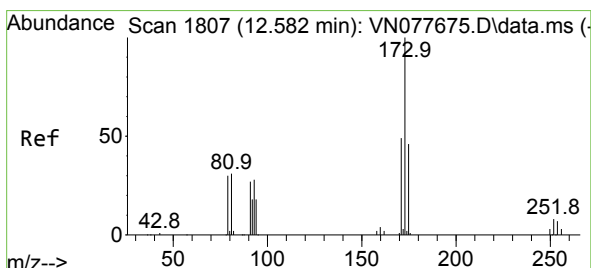
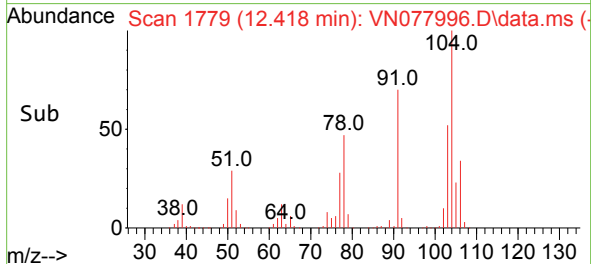
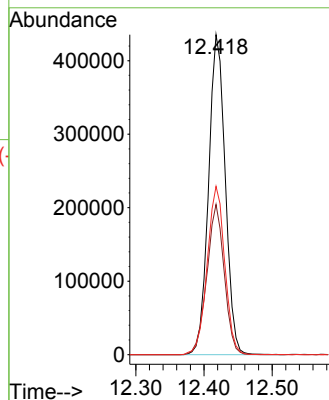
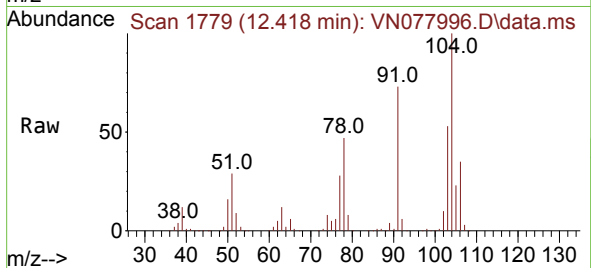
Tgt Ion:104 Resp: 741885

Ion Ratio Lower Upper

104 100

78 48.9 39.5 59.3

103 55.4 43.2 64.8



#71

Bromoform

Concen: 59.821 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

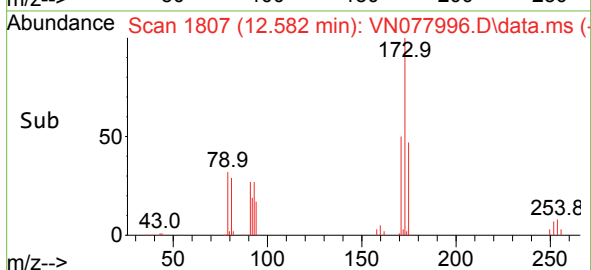
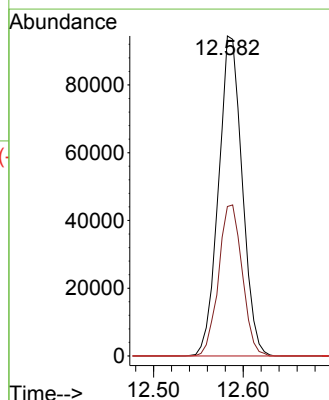
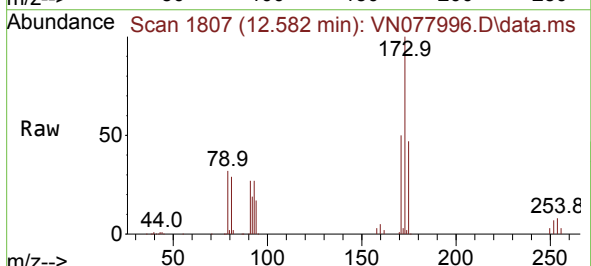
Tgt Ion:173 Resp: 172923

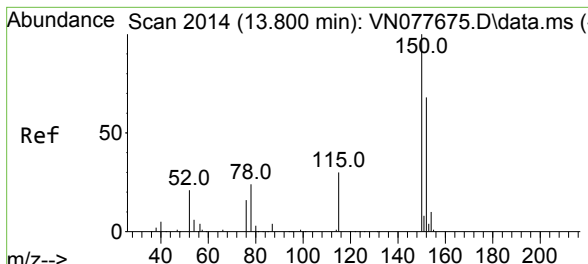
Ion Ratio Lower Upper

173 100

175 47.1 24.3 73.0

254 0.0 0.0 0.0

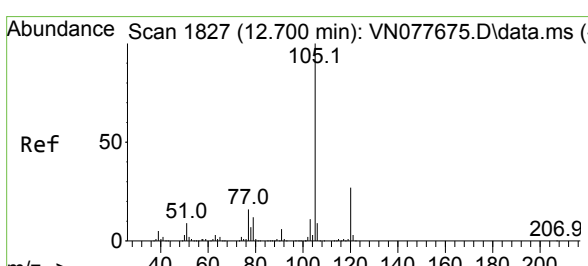
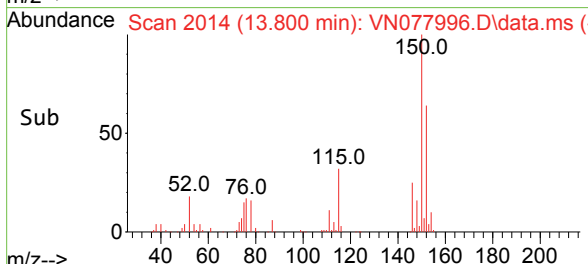
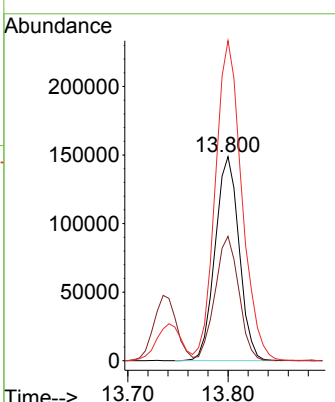
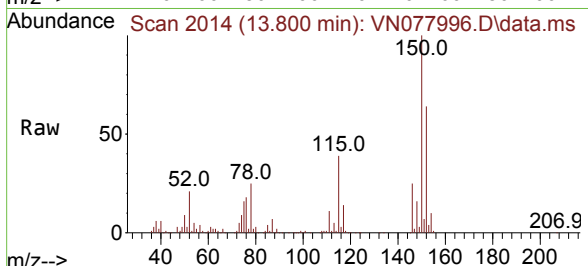




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN077996.D
 Acq: 31 May 2023 16:31

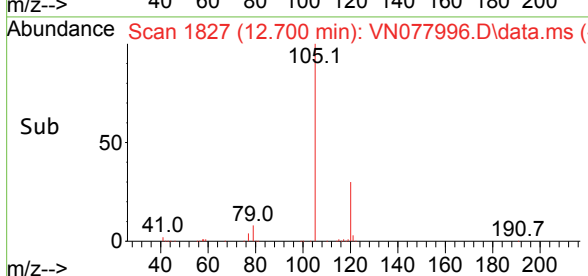
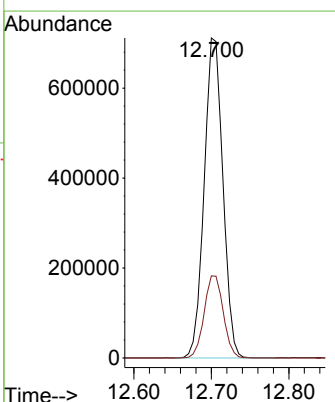
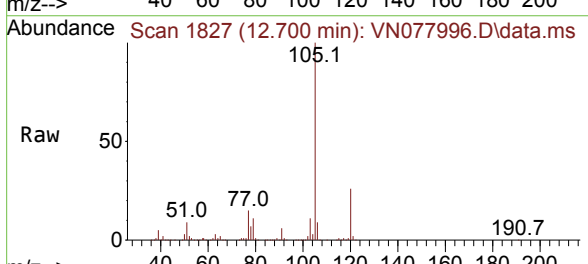
Instrument : MSVOA_N
 ClientSampleId : MW33S-20230523MSD

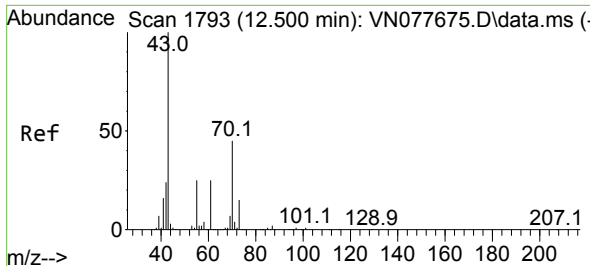
Tgt Ion:	152	Resp:	247049
Ion	Ratio	Lower	Upper
152	100		
115	60.8	32.3	96.8
150	173.3	0.0	355.8



#73
 Isopropylbenzene
 Concen: 56.004 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. -0.000 min
 Lab File: VN077996.D
 Acq: 31 May 2023 16:31

Tgt Ion:	105	Resp:	1192633
Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.1	39.1

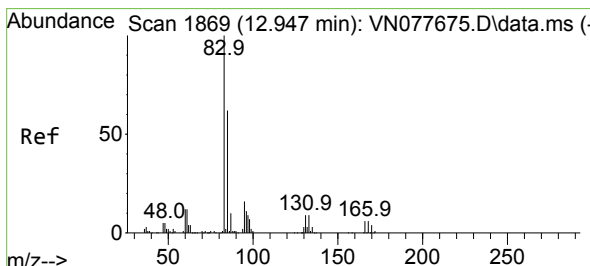
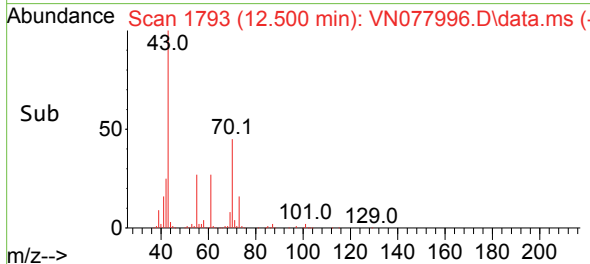
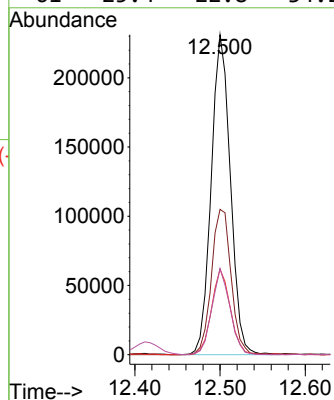
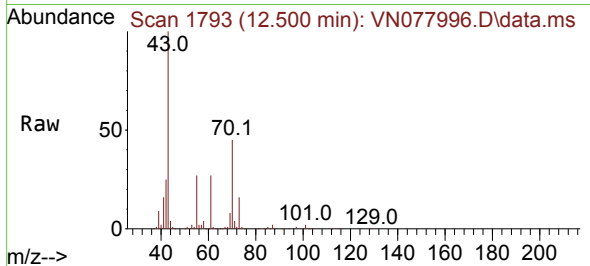




#74
N-amy1 acetate
Concen: 45.917 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

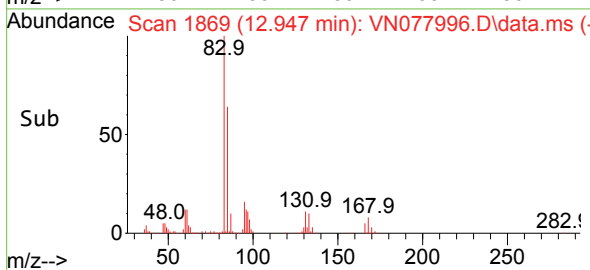
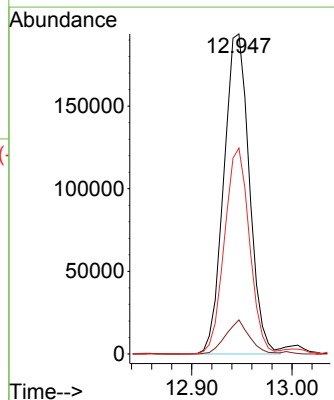
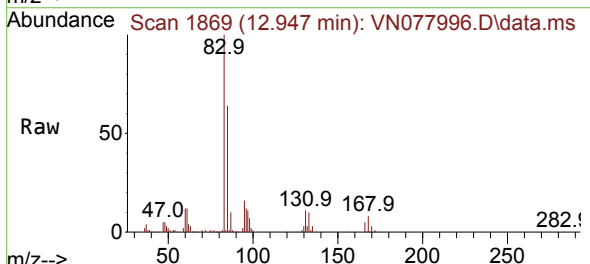
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

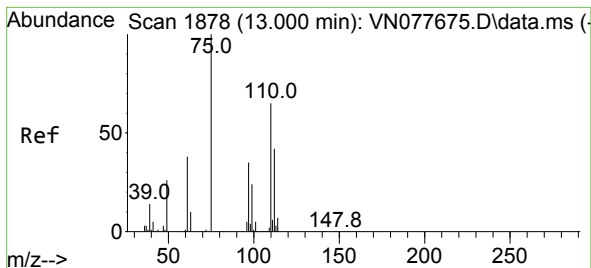
Tgt Ion:	43	Resp:	361433
Ion	Ratio	Lower	Upper
43	100		
70	46.7	43.4	65.2
55	26.2	21.4	32.0
61	25.4	22.8	34.2



#75
1,1,2,2-Tetrachloroethane
Concen: 52.293 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion:	83	Resp:	342590
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	15.0
85	62.9	31.9	95.7





#76

1,2,3-Trichloropropane

Concen: 66.827 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

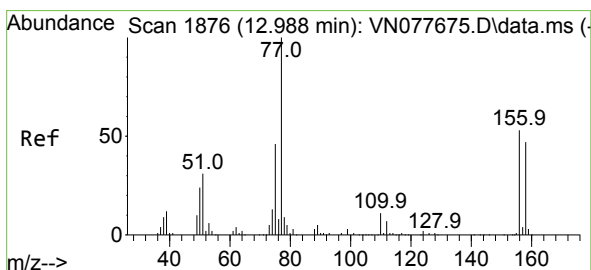
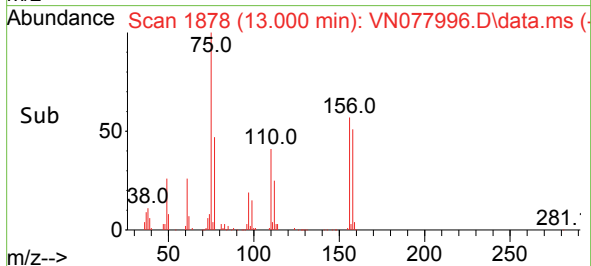
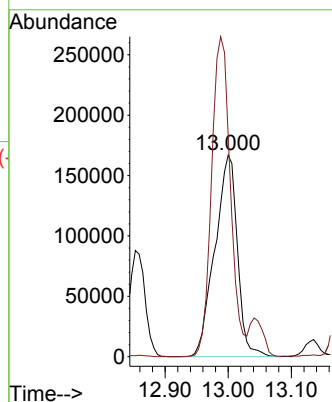
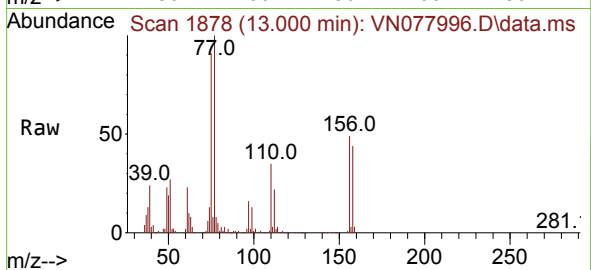
MW33S-20230523MSD

Tgt Ion: 75 Resp: 413456

Ion Ratio Lower Upper

75 100

77 133.2 84.5 253.5



#77

Bromobenzene

Concen: 53.218 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

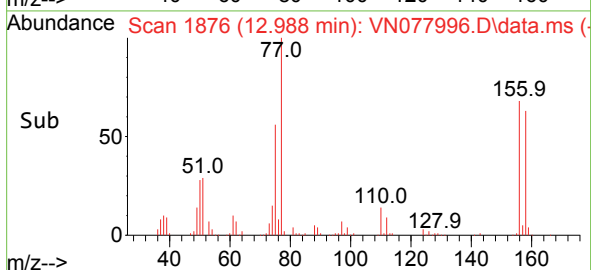
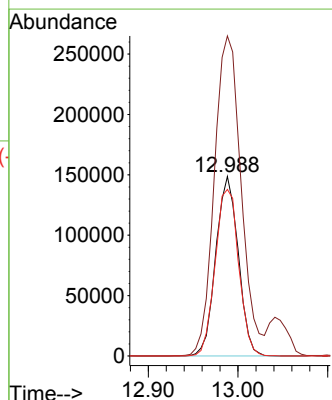
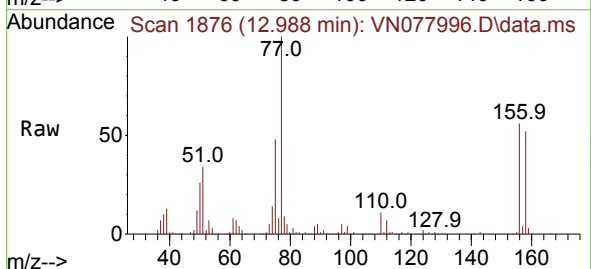
Tgt Ion: 156 Resp: 258630

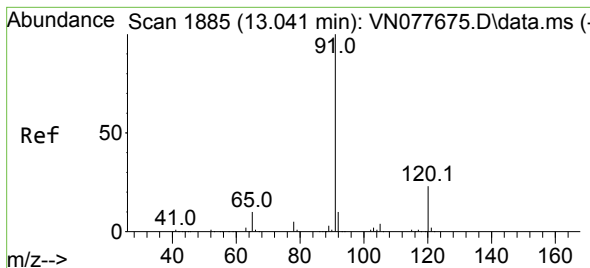
Ion Ratio Lower Upper

156 100

77 212.9 107.7 323.3

158 97.3 48.4 145.3





#78

n-propylbenzene

Concen: 54.257 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

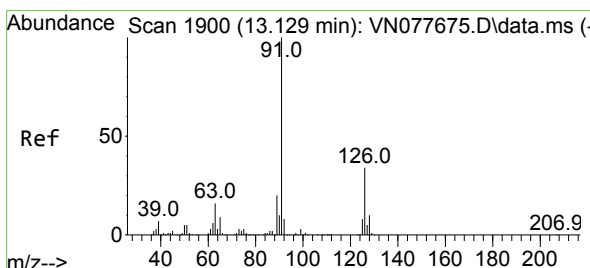
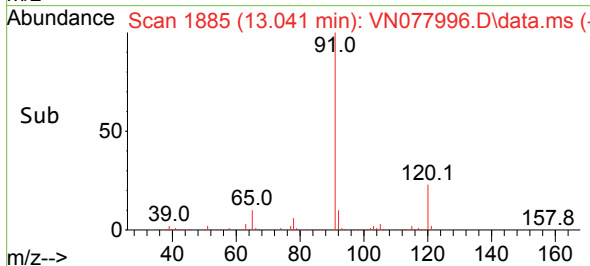
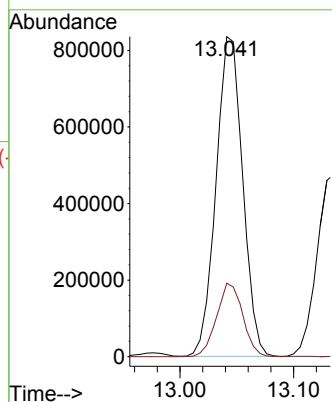
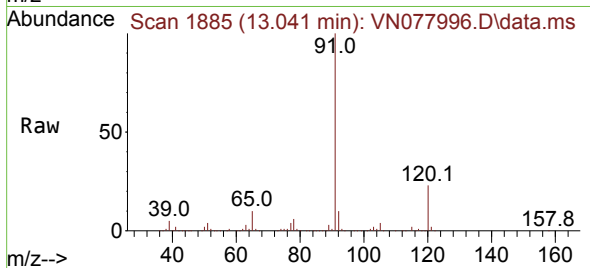
MW33S-20230523MSD

Tgt Ion: 91 Resp: 1362197

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4



#79

2-Chlorotoluene

Concen: 54.630 ug/l

RT: 13.135 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VN077996.D

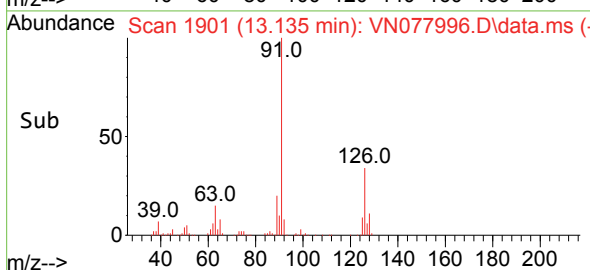
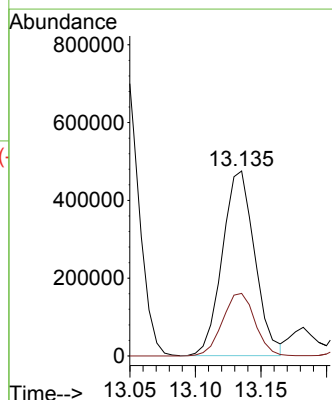
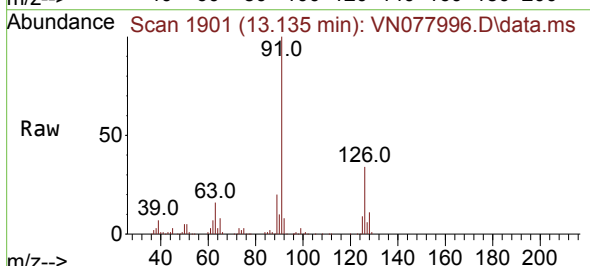
Acq: 31 May 2023 16:31

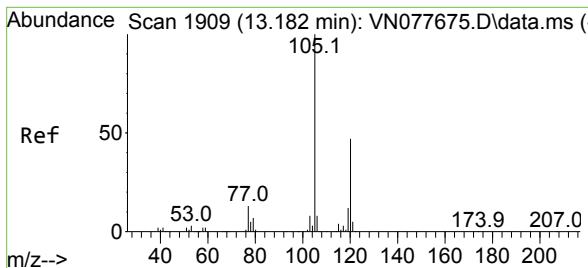
Tgt Ion: 91 Resp: 818424

Ion Ratio Lower Upper

91 100

126 34.0 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 55.552 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

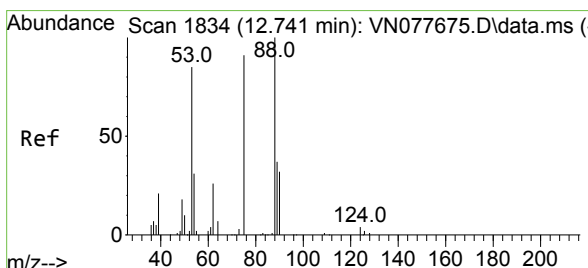
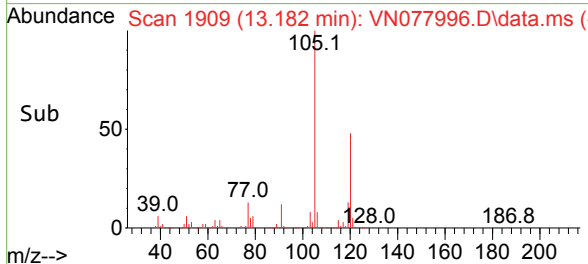
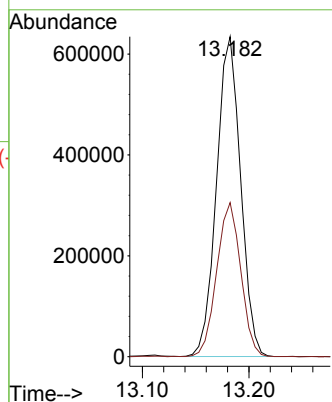
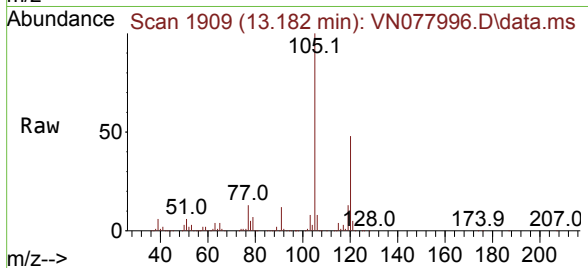
MW33S-20230523MSD

Tgt Ion:105 Resp: 994292

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 48.598 ug/l

RT: 12.747 min Scan# 1835

Delta R.T. 0.006 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

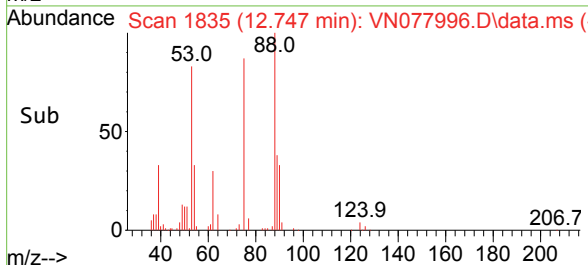
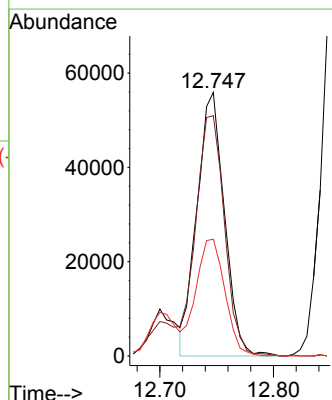
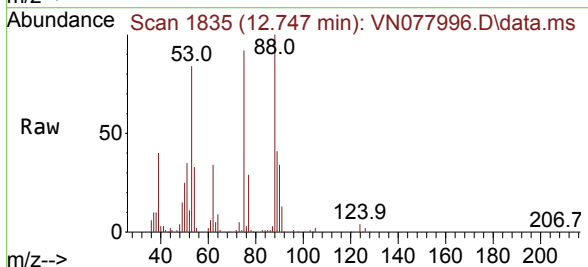
Tgt Ion: 75 Resp: 94064

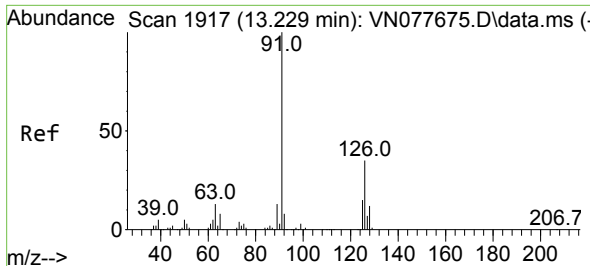
Ion Ratio Lower Upper

75 100

53 96.9 67.4 101.2

89 47.2 38.8 58.2

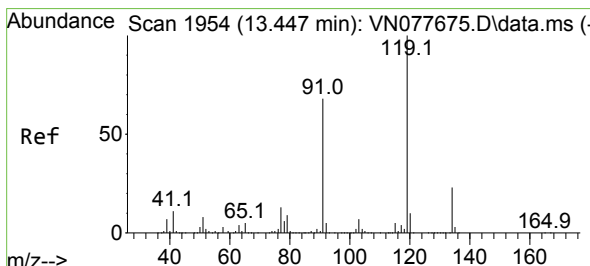
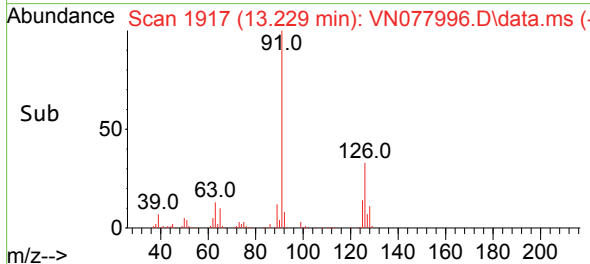
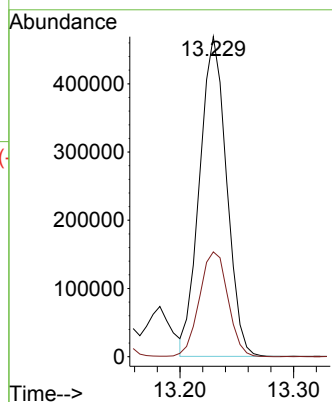
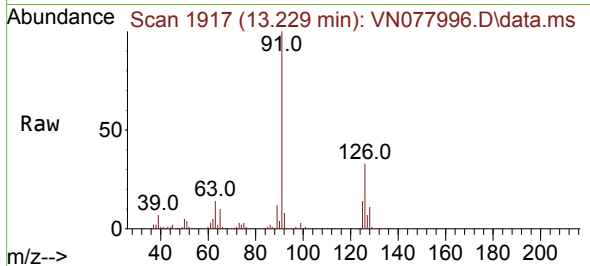




#82
4-Chlorotoluene
Concen: 51.785 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

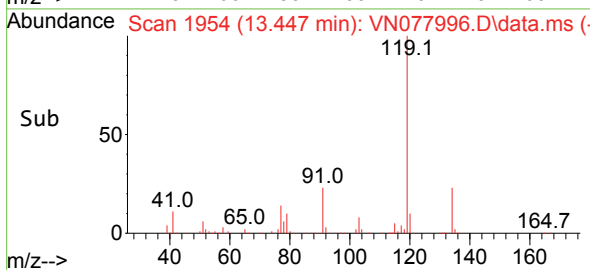
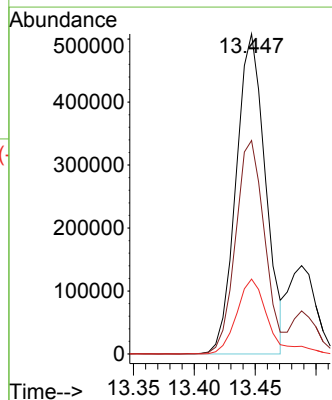
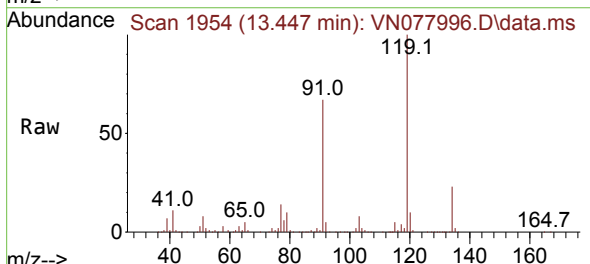
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523MSD

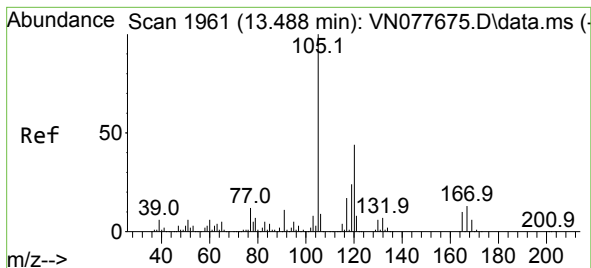
Tgt Ion: 91 Resp: 771899
Ion Ratio Lower Upper
91 100
126 34.8 16.7 50.0



#83
tert-Butylbenzene
Concen: 54.531 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077996.D
Acq: 31 May 2023 16:31

Tgt Ion: 119 Resp: 852049
Ion Ratio Lower Upper
119 100
91 66.9 33.9 101.7
134 25.3 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 56.144 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

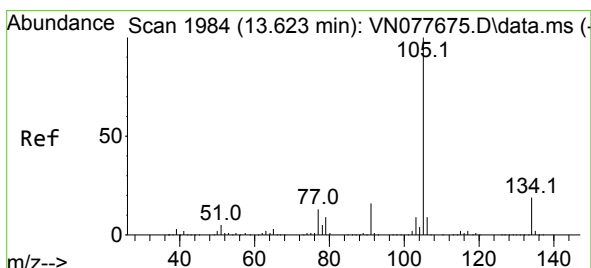
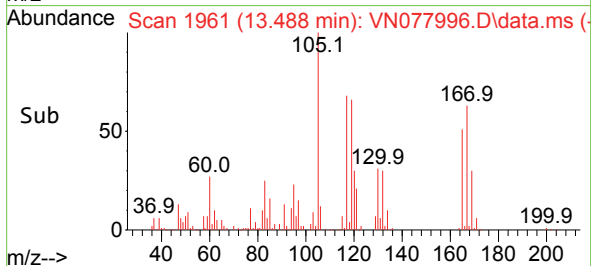
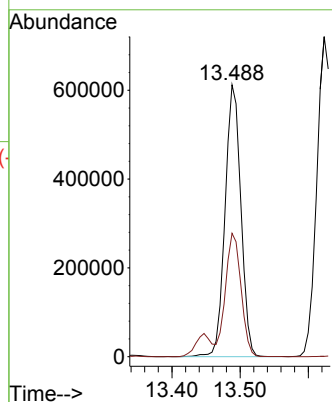
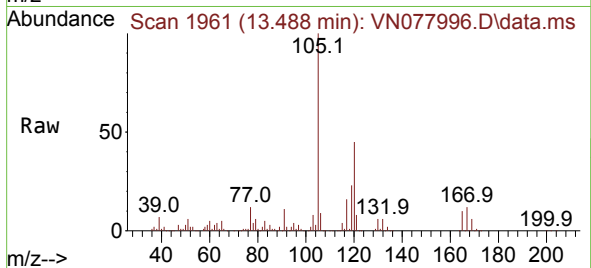
MW33S-20230523MSD

Tgt Ion:105 Resp: 988276

Ion Ratio Lower Upper

105 100

120 44.3 22.0 66.0



#85

sec-Butylbenzene

Concen: 52.182 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077996.D

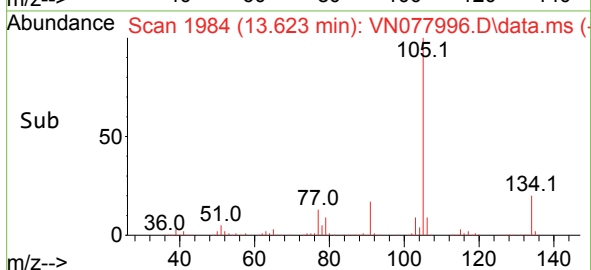
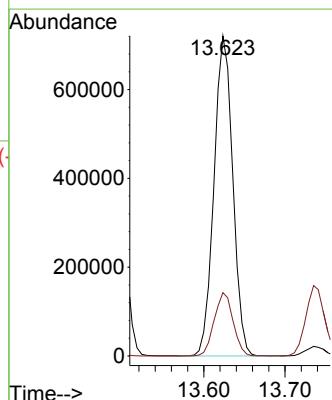
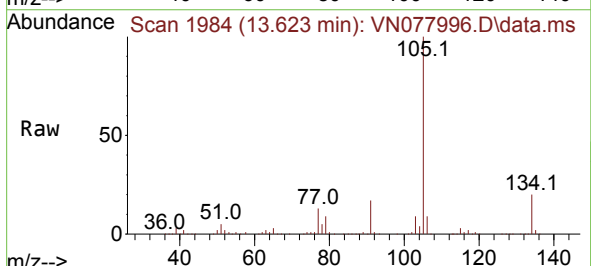
Acq: 31 May 2023 16:31

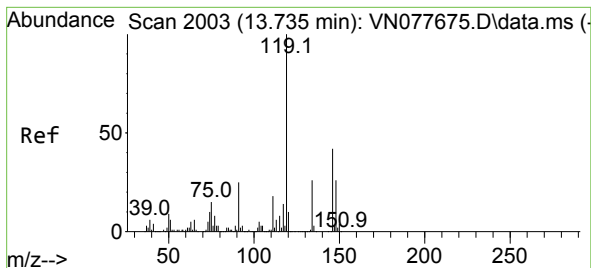
Tgt Ion:105 Resp: 1158741

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3





#86

p-Isopropyltoluene

Concen: 55.071 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD

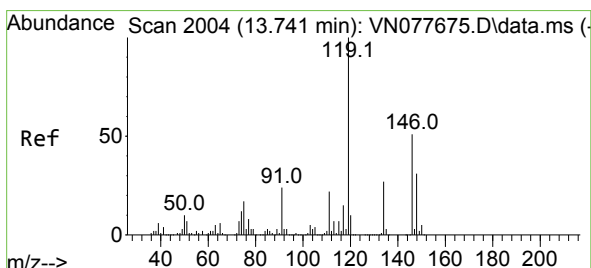
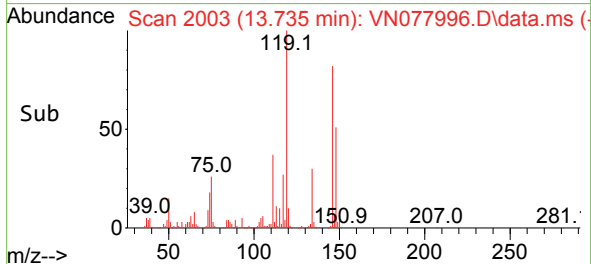
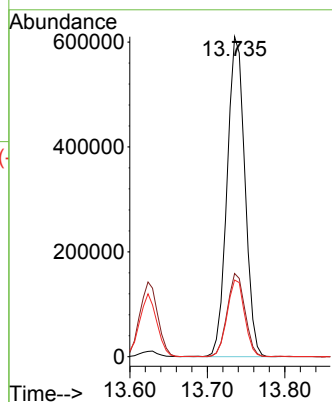
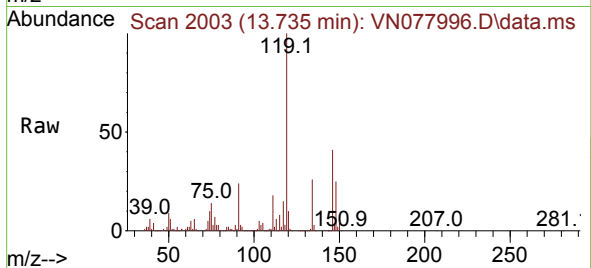
Tgt Ion:119 Resp: 974936

Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 23.6 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 52.027 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

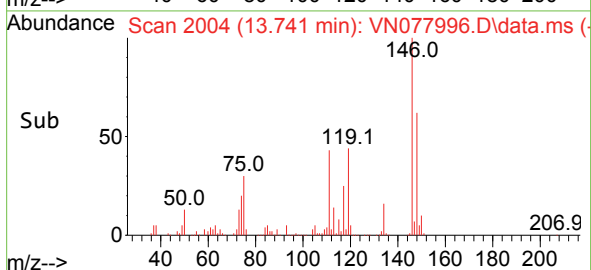
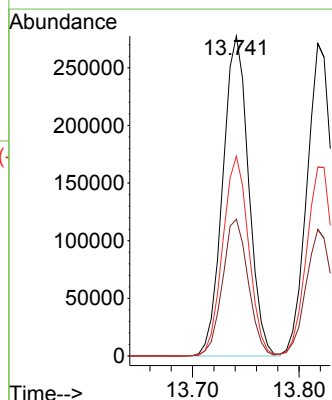
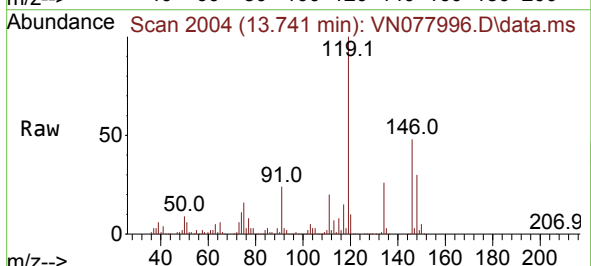
Tgt Ion:146 Resp: 467589

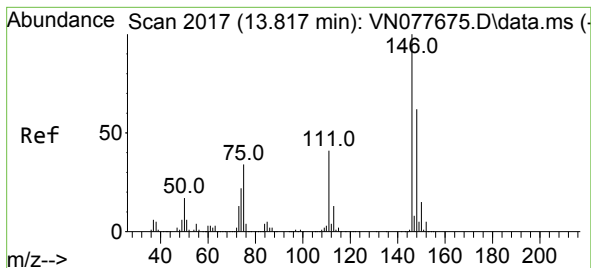
Ion Ratio Lower Upper

146 100

111 42.4 22.1 66.3

148 62.2 32.0 96.0





#88

1,4-Dichlorobenzene

Concen: 50.716 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.001 min

Lab File: VN077996.D

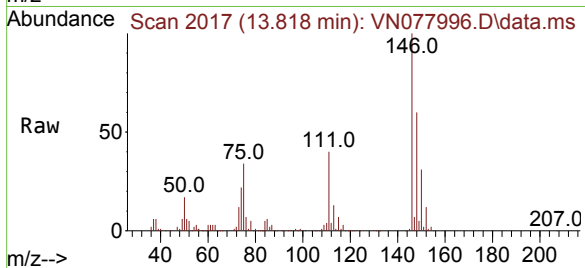
Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD



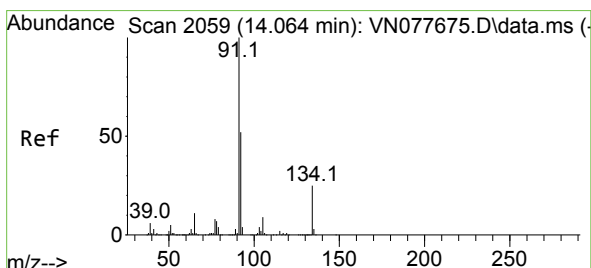
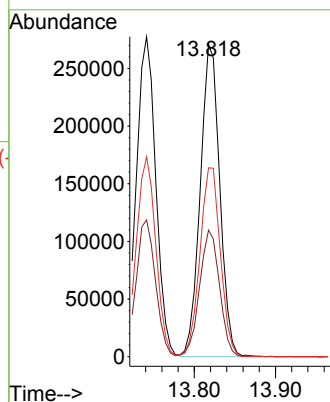
Tgt Ion:146 Resp: 452312

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

148 63.4 31.6 94.8



#89

n-Butylbenzene

Concen: 47.585 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

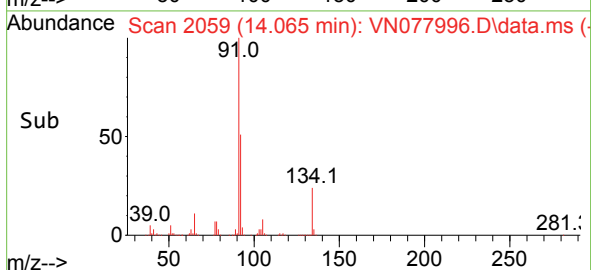
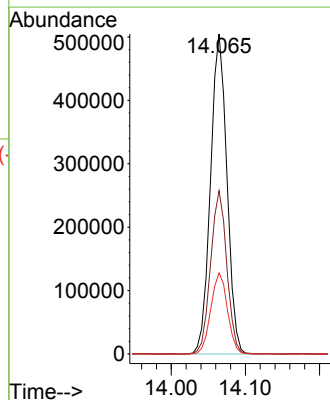
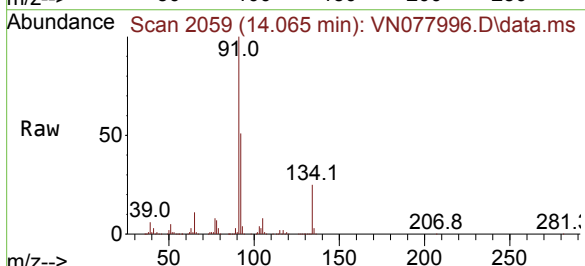
Tgt Ion: 91 Resp: 774829

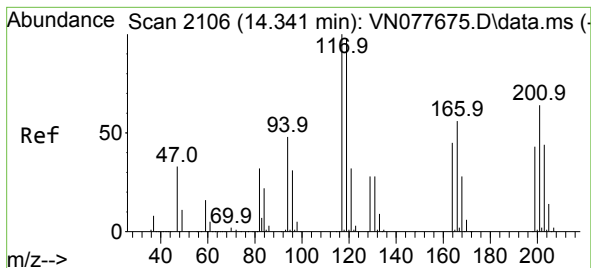
Ion Ratio Lower Upper

91 100

92 50.3 26.4 79.0

134 25.6 12.6 37.6





#90

Hexachloroethane

Concen: 55.538 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.000 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

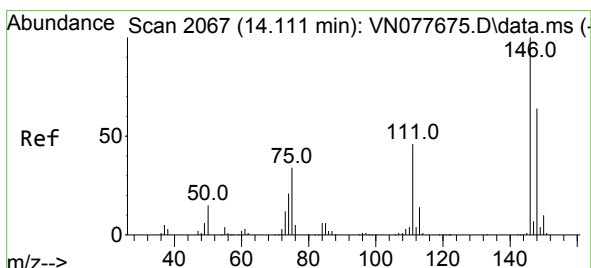
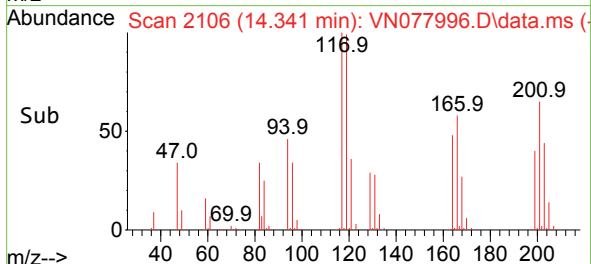
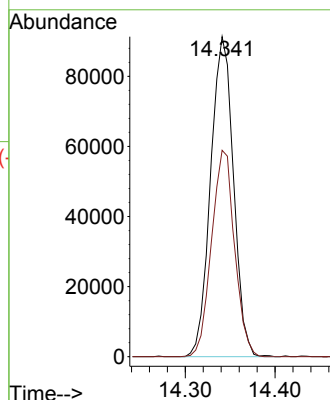
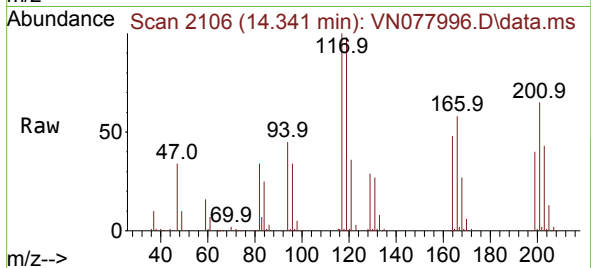
MW33S-20230523MSD

Tgt Ion:117 Resp: 161518

Ion Ratio Lower Upper

117 100

201 65.0 29.3 88.0



#91

1,2-Dichlorobenzene

Concen: 55.458 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.001 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

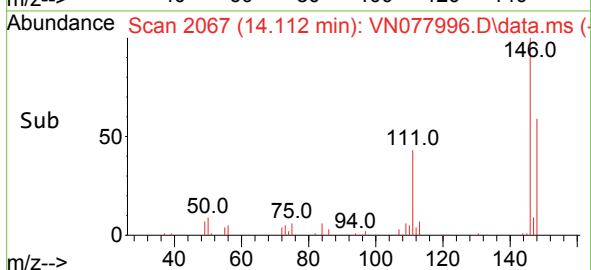
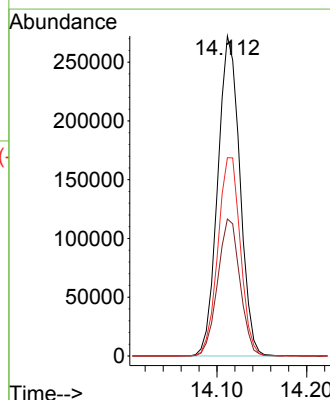
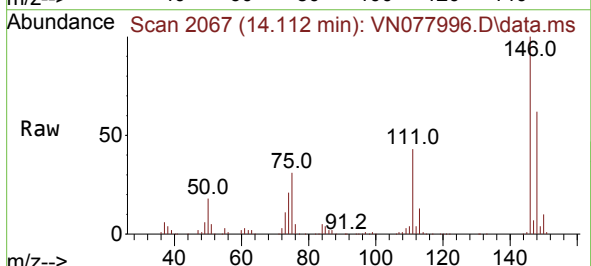
Tgt Ion:146 Resp: 465638

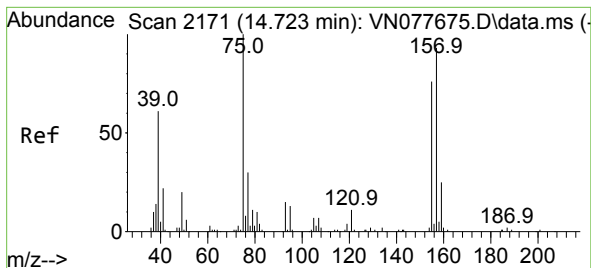
Ion Ratio Lower Upper

146 100

111 43.3 22.0 66.0

148 63.1 31.8 95.3

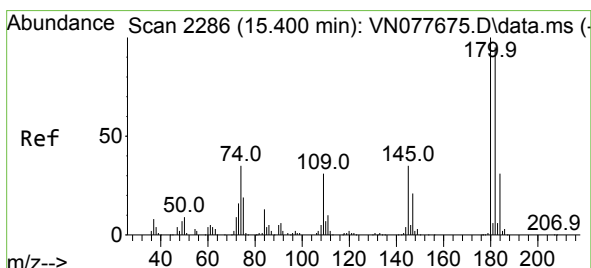
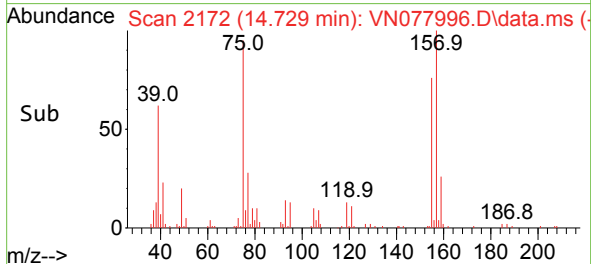
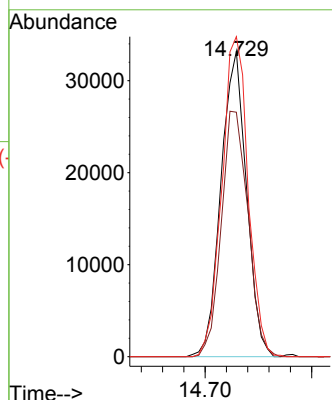
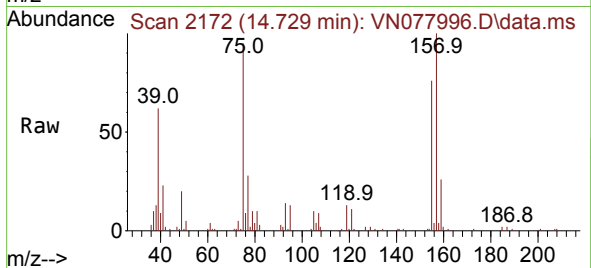




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.536 ug/l
 RT: 14.729 min Scan# 2171
 Delta R.T. 0.006 min
 Lab File: VN077996.D
 Acq: 31 May 2023 16:31

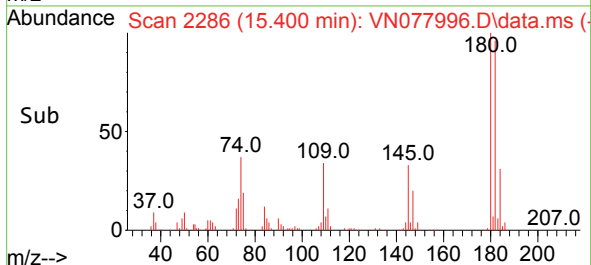
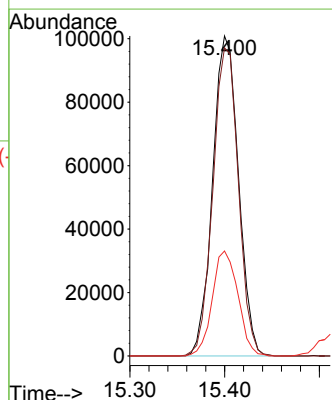
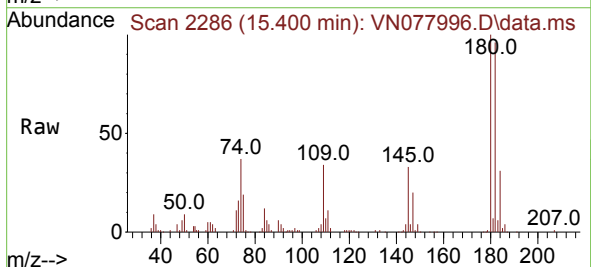
Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MSD

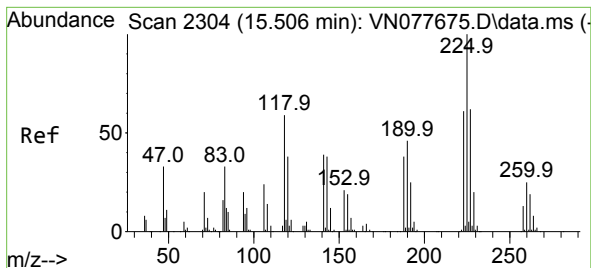
Tgt Ion: 75 Resp: 55219
 Ion Ratio Lower Upper
 75 100
 155 83.8 39.1 117.2
 157 107.6 50.3 150.9



#93
 1,2,4-Trichlorobenzene
 Concen: 38.942 ug/l
 RT: 15.400 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: VN077996.D
 Acq: 31 May 2023 16:31

Tgt Ion: 180 Resp: 191071
 Ion Ratio Lower Upper
 180 100
 182 95.0 46.1 138.2
 145 32.6 16.6 49.8





#94

Hexachlorobutadiene

Concen: 43.134 ug/l

RT: 15.512 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

MW33S-20230523MSD

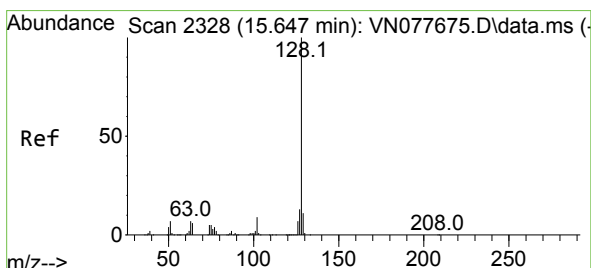
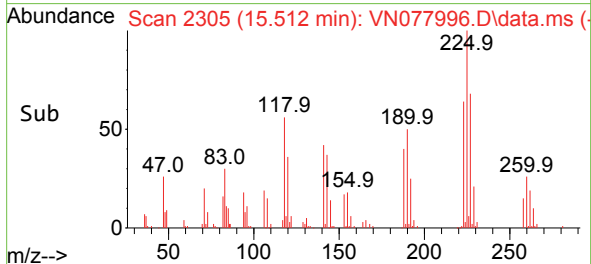
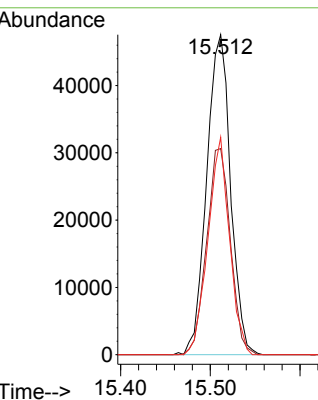
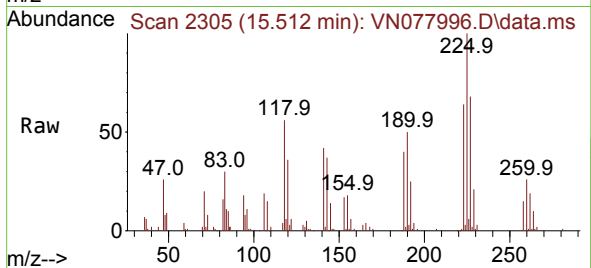
Tgt Ion:225 Resp: 87871

Ion Ratio Lower Upper

225 100

223 64.1 31.3 93.8

227 61.1 31.9 95.9



#95

Naphthalene

Concen: 35.200 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN077996.D

Acq: 31 May 2023 16:31

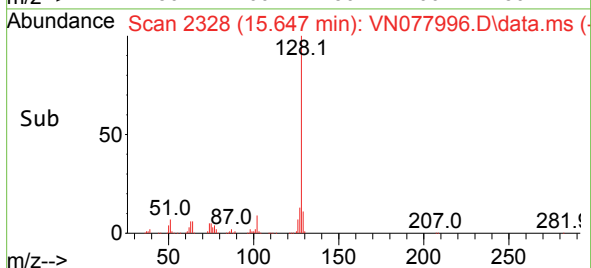
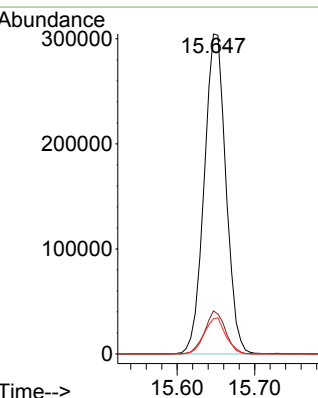
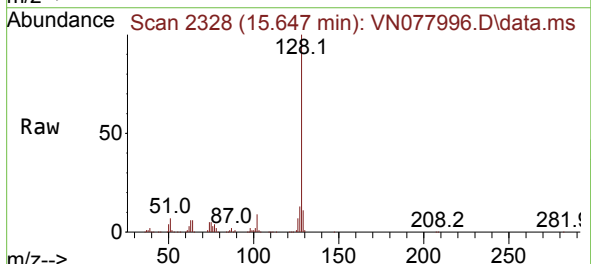
Tgt Ion:128 Resp: 594467

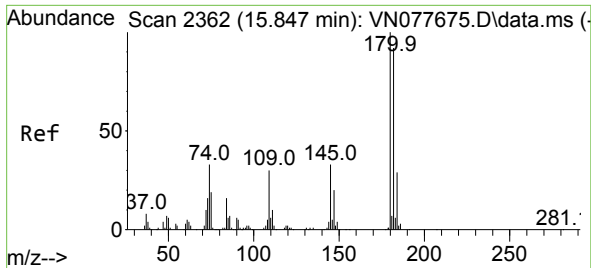
Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 11.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 41.512 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077996.D
 Acq: 31 May 2023 16:31

Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523MSD

Tgt Ion:180 Resp: 199423
 Ion Ratio Lower Upper
 180 100
 182 93.3 46.2 138.6
 145 35.1 17.5 52.6

