

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077102.D
 Acq On : 22 Mar 2023 12:52
 Operator : JC\MD
 Sample : VN0322MBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322MBS01

Quant Time: Mar 22 23:22:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	344112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	622202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	537080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	229762	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	306753	55.808	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.620%	
35) Dibromofluoromethane	8.172	113	222285	51.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.020%	
50) Toluene-d8	10.572	98	803969	51.652	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.300%	
62) 4-Bromofluorobenzene	12.854	95	282880	51.431	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	52643	15.373	ug/l	94
3) Chloromethane	2.378	50	42078	12.136	ug/l	94
4) Vinyl Chloride	2.531	62	58186	15.548	ug/l	99
5) Bromomethane	2.966	94	53442	21.141	ug/l	94
6) Chloroethane	3.137	64	60935	25.732	ug/l	93
7) Trichlorofluoromethane	3.513	101	154126	19.144	ug/l	96
8) Diethyl Ether	3.972	74	63017	20.798	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.390	101	85382	18.696	ug/l	99
10) Methyl Iodide	4.601	142	98418	19.133	ug/l	98
11) Tert butyl alcohol	5.531	59	95722	119.511	ug/l	98
12) 1,1-Dichloroethene	4.354	96	79364	18.997	ug/l	98
13) Acrolein	4.196	56	93764	94.648	ug/l	100
14) Allyl chloride	5.043	41	149852	19.593	ug/l	96
15) Acrylonitrile	5.737	53	295968	109.918	ug/l	99
16) Acetone	4.437	43	256138	104.582	ug/l	99
17) Carbon Disulfide	4.725	76	208739	17.135	ug/l	97
18) Methyl Acetate	5.037	43	205482	22.249	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	322293	21.495	ug/l	98
20) Methylene Chloride	5.290	84	104054	19.576	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	87538	19.332	ug/l	96
22) Diisopropyl ether	6.684	45	366764	21.887	ug/l	98
23) Vinyl Acetate	6.619	43	1159200	109.622	ug/l	99
24) 1,1-Dichloroethane	6.578	63	190766	19.894	ug/l	98
25) 2-Butanone	7.489	43	398034	111.097	ug/l	94
26) 2,2-Dichloropropane	7.501	77	142485	19.748	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	106593	20.553	ug/l	98
28) Bromochloromethane	7.819	49	85591	20.554	ug/l	96
29) Tetrahydrofuran	7.848	42	267818	115.357	ug/l	98
30) Chloroform	7.972	83	191910	20.620	ug/l	96
31) Cyclohexane	8.260	56	175455	19.510	ug/l	96
32) 1,1,1-Trichloroethane	8.172	97	159768	20.085	ug/l	98
36) 1,1-Dichloropropene	8.378	75	129496	19.027	ug/l	99
37) Ethyl Acetate	7.572	43	165647	22.748	ug/l	97
38) Carbon Tetrachloride	8.366	117	130978	19.758	ug/l	94
39) Methylcyclohexane	9.601	83	152744	19.174	ug/l	97
40) Benzene	8.613	78	405123	19.628	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	89407	22.792	ug/l	97
42) 1,2-Dichloroethane	8.672	62	157426	21.107	ug/l	98
43) Isopropyl Acetate	8.695	43	252142	22.166	ug/l	99
44) Trichloroethene	9.354	130	87978	18.557	ug/l	94
45) 1,2-Dichloropropane	9.625	63	109981	20.062	ug/l	100
46) Dibromomethane	9.713	93	70363	20.352	ug/l	98
47) Bromodichloromethane	9.889	83	144071	19.869	ug/l	93
48) Methyl methacrylate	9.683	41	118499	21.790	ug/l	98
49) 1,4-Dioxane	9.701	88	41429	446.036	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	800690	113.034	ug/l	98
52) Toluene	10.630	92	242187	19.652	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	146440	20.605	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	161692	20.165	ug/l	95
55) 1,1,2-Trichloroethane	11.019	97	97462	20.055	ug/l	96
56) Ethyl methacrylate	10.878	69	152762	20.904	ug/l	93
57) 1,3-Dichloropropane	11.166	76	176181	19.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	295531	94.860	ug/l	97
59) 2-Hexanone	11.201	43	571734	111.279	ug/l	97
60) Dibromochloromethane	11.360	129	95683	19.601	ug/l	99
61) 1,2-Dibromoethane	11.472	107	93573	19.417	ug/l	99
64) Tetrachloroethene	11.107	164	67280	18.665	ug/l	98
65) Chlorobenzene	11.895	112	239404	19.373	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	89803	19.640	ug/l	99
67) Ethyl Benzene	11.966	91	450323	20.062	ug/l	99
68) m/p-Xylenes	12.077	106	331079	39.772	ug/l	98
69) o-Xylene	12.401	106	166158	20.088	ug/l	99
70) Styrene	12.413	104	263953	20.497	ug/l	98
71) Bromoform	12.583	173	61830	19.955	ug/l #	99
73) Isopropylbenzene	12.701	105	423062	20.547	ug/l	98
74) N-amyl acetate	12.495	43	204999	23.002	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	150978	20.239	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	189767	31.931	ug/l	42
77) Bromobenzene	12.983	156	91142	19.760	ug/l	97
78) n-propylbenzene	13.036	91	494704	20.812	ug/l	99
79) 2-Chlorotoluene	13.130	91	311240	20.549	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	361208	21.011	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	49191	22.783	ug/l	93
82) 4-Chlorotoluene	13.224	91	295629	20.526	ug/l	99
83) tert-Butylbenzene	13.442	119	303635	21.036	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	358719	20.910	ug/l	99
85) sec-Butylbenzene	13.618	105	425425	20.720	ug/l	98
86) p-Isopropyltoluene	13.730	119	333432	20.222	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	165420	18.975	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	165995	19.138	ug/l	98
89) n-Butylbenzene	14.060	91	291630	20.161	ug/l	98
90) Hexachloroethane	14.336	117	64865	19.349	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	167770	19.307	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	29615	21.425	ug/l	95
93) 1,2,4-Trichlorobenzene	15.395	180	75594	19.244	ug/l	99
94) Hexachlorobutadiene	15.507	225	40710	18.818	ug/l	97
95) Naphthalene	15.648	128	263697	18.526	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	76577	19.428	ug/l	100

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ClientSampleId :
VN0322MBSD01

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QLast Update : Mon Mar 20 08:50:30 2023
Response via : Initial Calibration

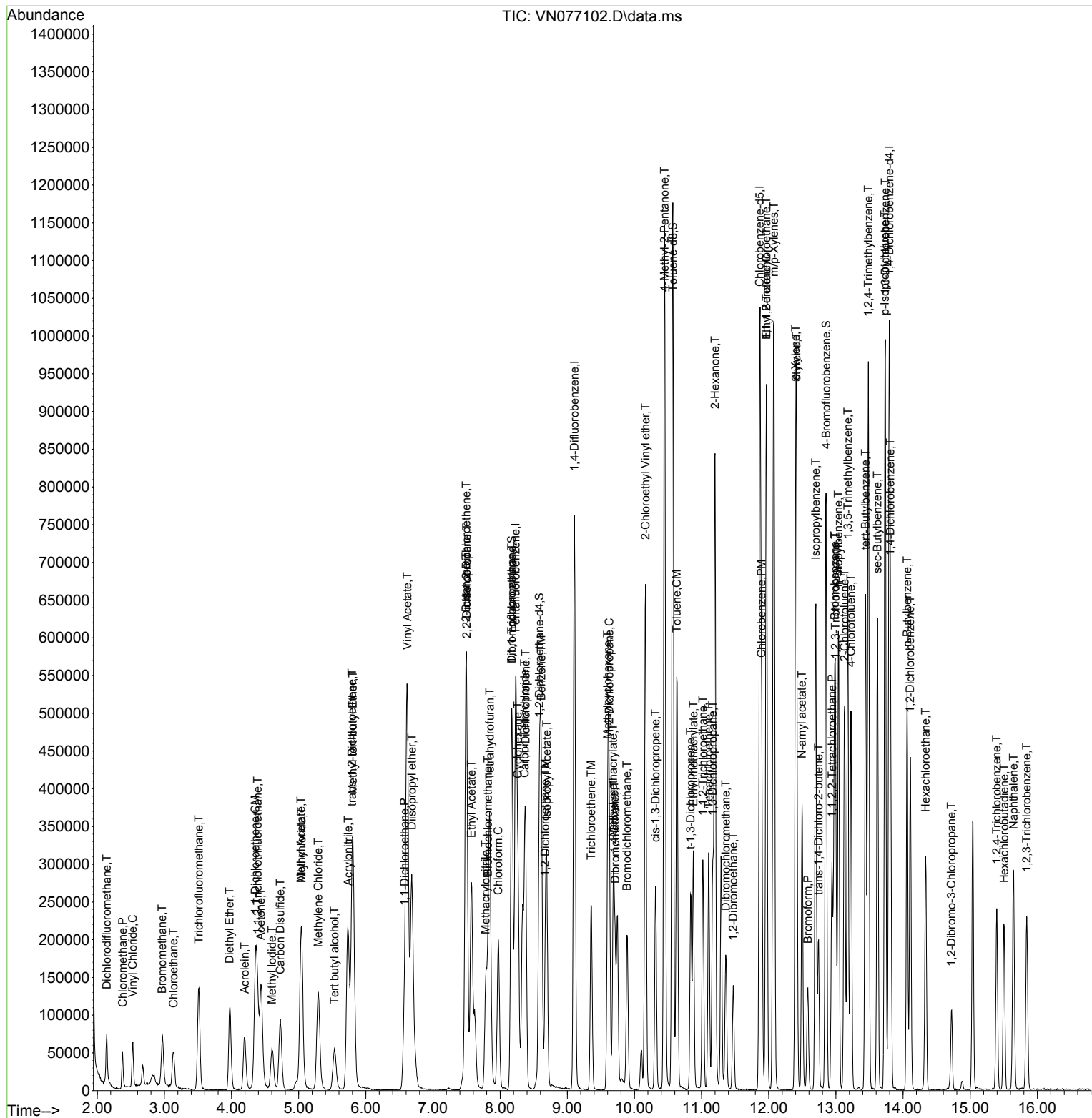
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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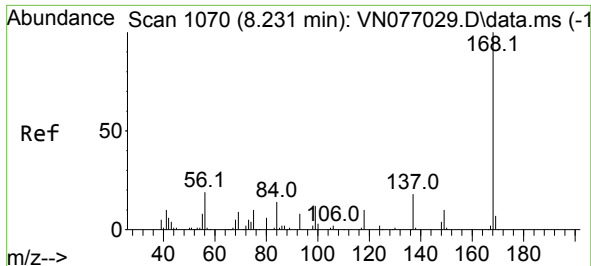
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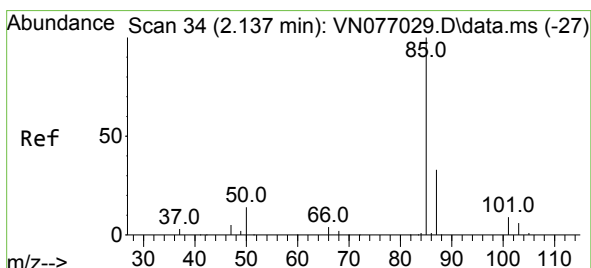
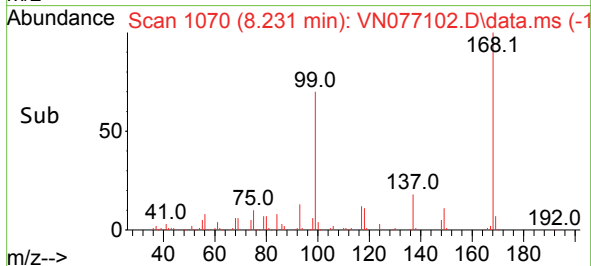
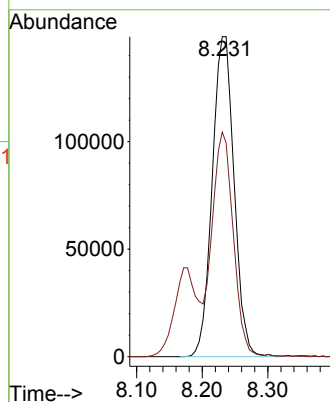
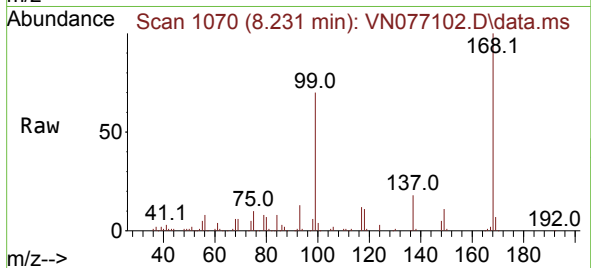




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077102.D
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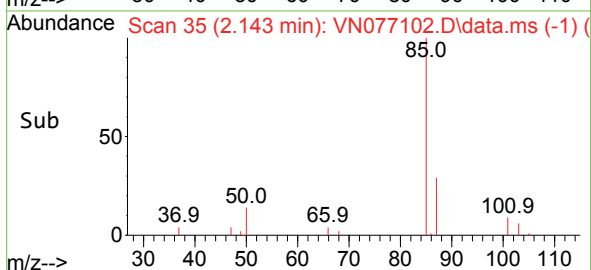
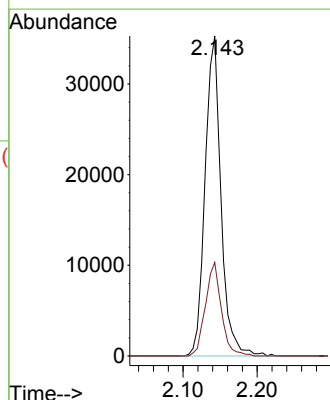
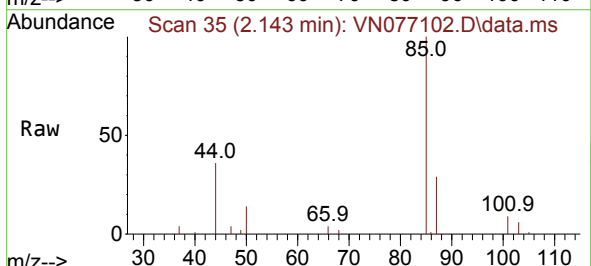
Instrument :
MSVOA_N
ClientSampleId :
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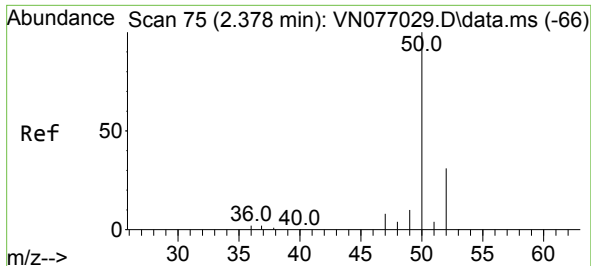
Tgt Ion:168 Resp: 344112
Ion Ratio Lower Upper
168 100
99 70.0 53.9 80.9



#2
Dichlorodifluoromethane
Concen: 15.373 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 85 Resp: 52643
Ion Ratio Lower Upper
85 100
87 29.2 16.4 49.2

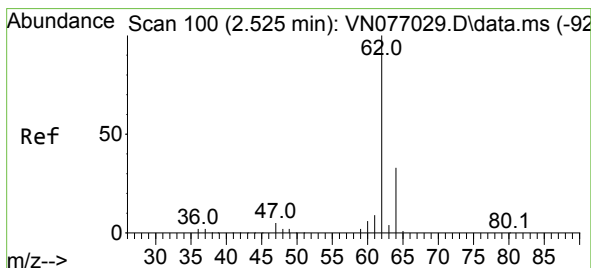
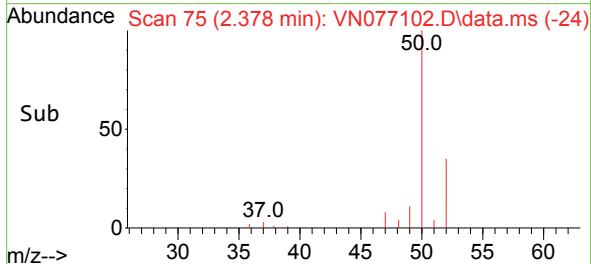
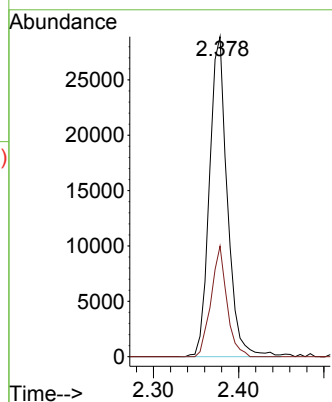
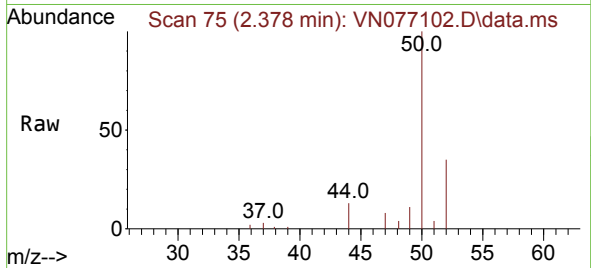




#3
Chloromethane
Concen: 12.136 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

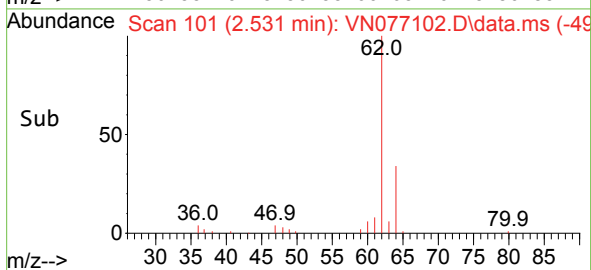
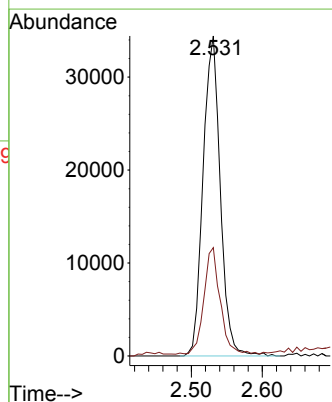
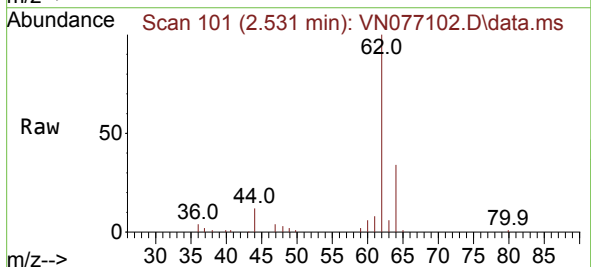
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBS01

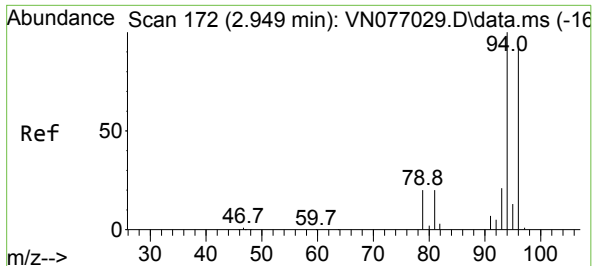
Tgt Ion: 50 Resp: 42078
Ion Ratio Lower Upper
50 100
52 34.6 25.1 37.7



#4
Vinyl Chloride
Concen: 15.548 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 62 Resp: 58186
Ion Ratio Lower Upper
62 100
64 32.9 26.6 40.0





#5

Bromomethane

Concen: 21.141 ug/l

RT: 2.966 min Scan# 11

Delta R.T. 0.017 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

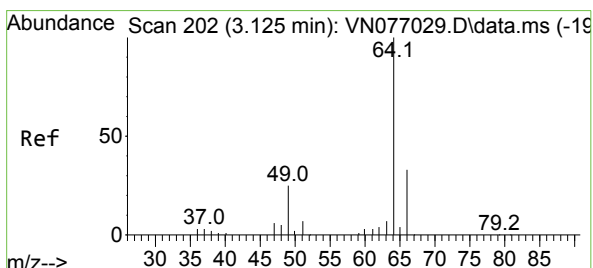
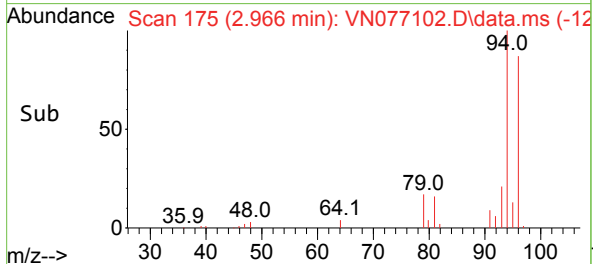
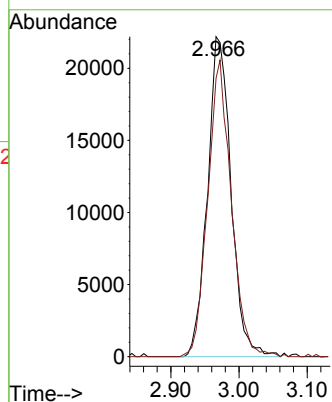
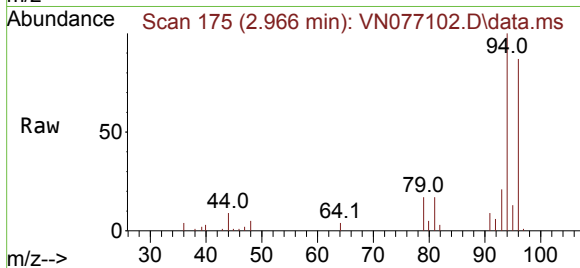
VN0322MBSD01

Tgt Ion: 94 Resp: 53442

Ion Ratio Lower Upper

94 100

96 87.0 74.1 111.1



#6

Chloroethane

Concen: 25.732 ug/l

RT: 3.137 min Scan# 204

Delta R.T. 0.012 min

Lab File: VN077102.D

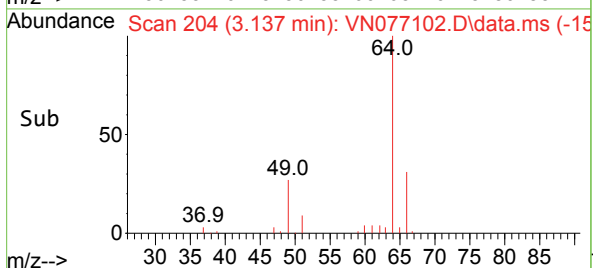
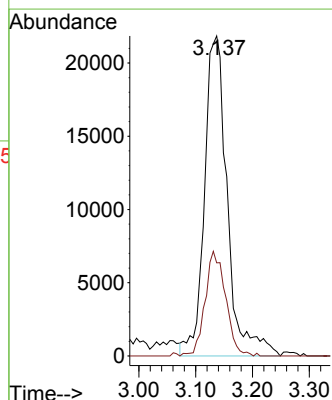
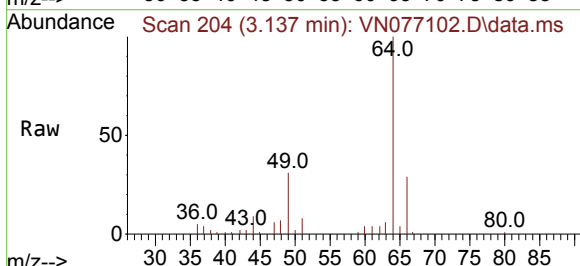
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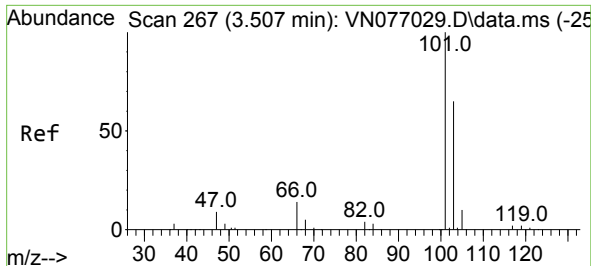
Tgt Ion: 64 Resp: 60935

Ion Ratio Lower Upper

64 100

66 29.1 26.3 39.5

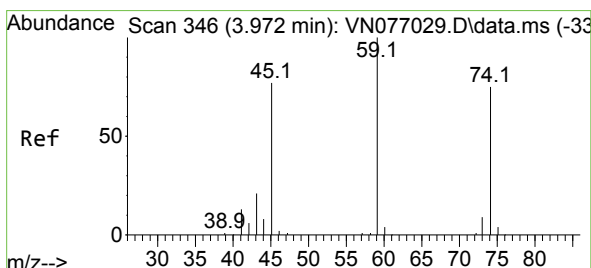
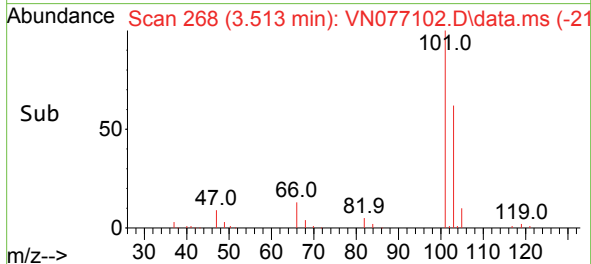
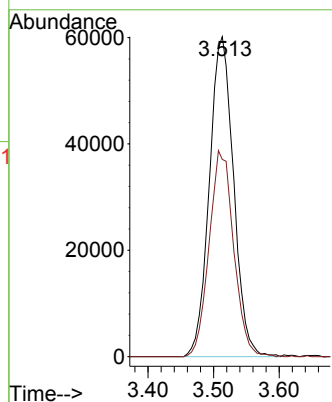
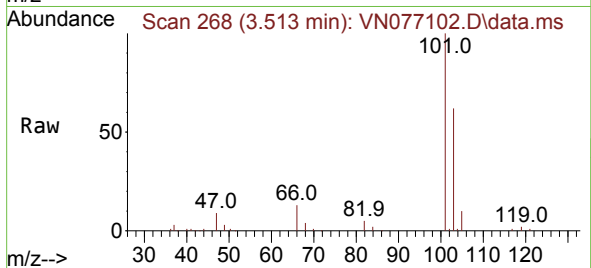




#7
 Trichlorofluoromethane
 Concen: 19.144 ug/l
 RT: 3.513 min Scan# 268
 Delta R.T. 0.006 min
 Lab File: VN077102.D
 Acq: 22 Mar 2023 12:52

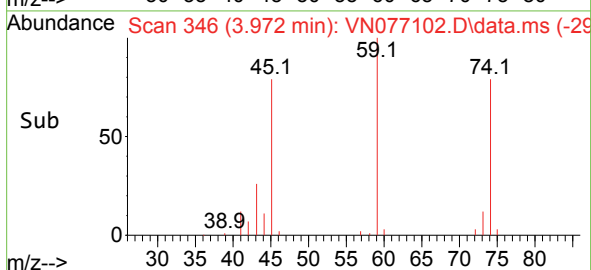
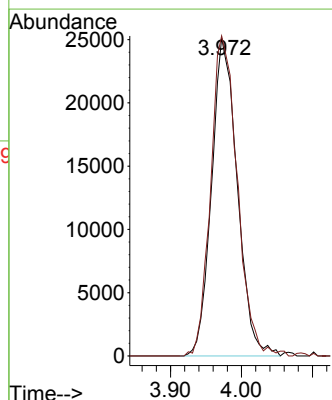
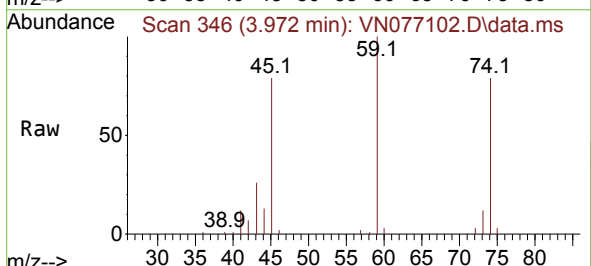
Instrument :
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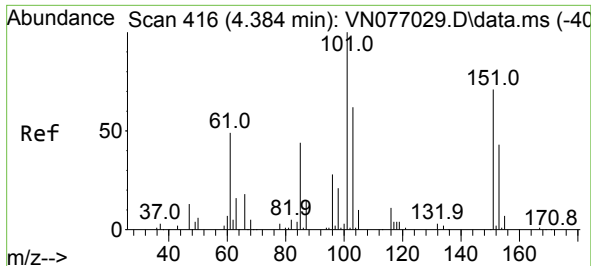
Tgt Ion:101 Resp: 154126
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.8 77.6



#8
 Diethyl Ether
 Concen: 20.798 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN077102.D
 Acq: 22 Mar 2023 12:52

Tgt Ion: 74 Resp: 63017
 Ion Ratio Lower Upper
 74 100
 45 104.7 50.8 152.5

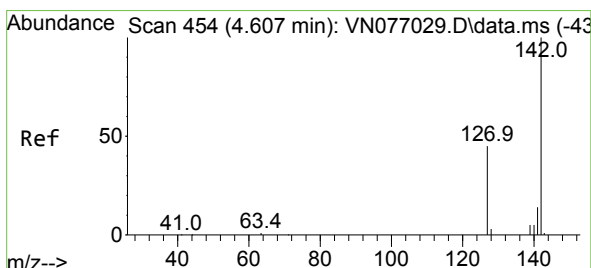
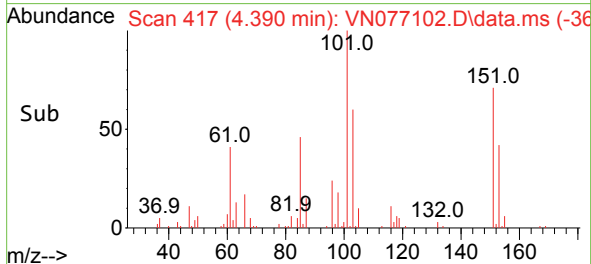
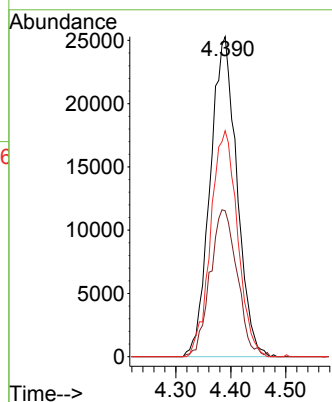
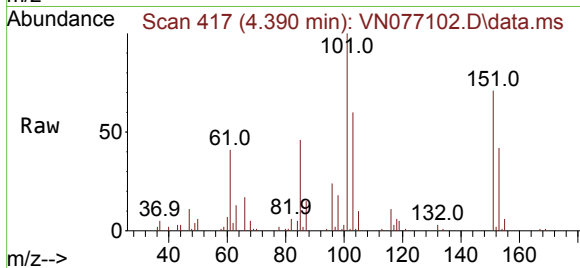




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.696 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

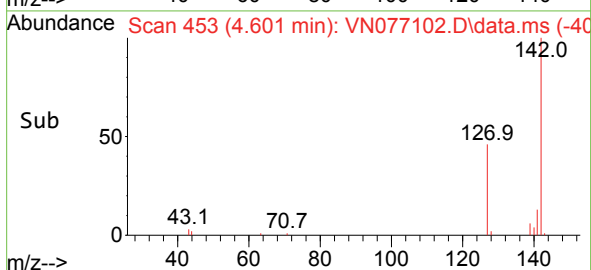
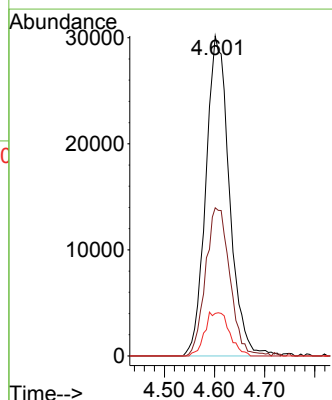
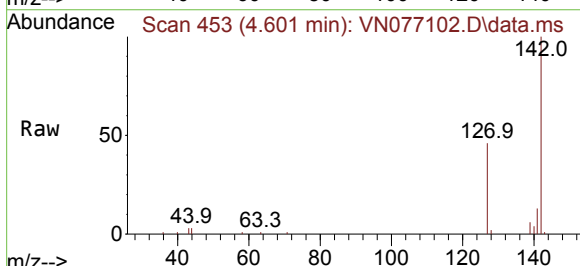
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

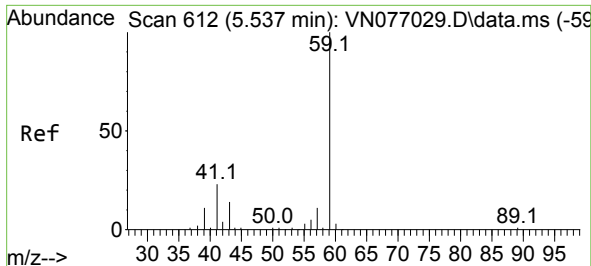
Tgt Ion:101 Resp: 85382
Ion Ratio Lower Upper
101 100
85 46.6 36.6 55.0
151 70.8 56.9 85.3



#10
Methyl Iodide
Concen: 19.133 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion:142 Resp: 98418
Ion Ratio Lower Upper
142 100
127 46.3 36.1 54.1
141 13.3 10.8 16.2

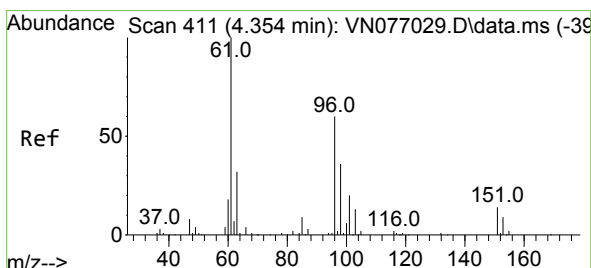
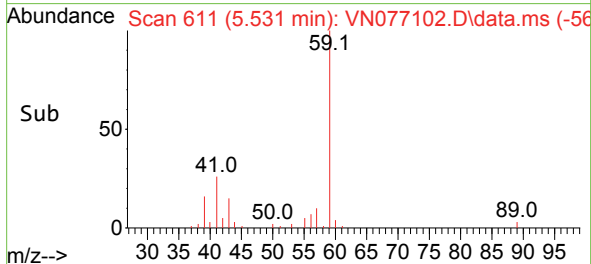
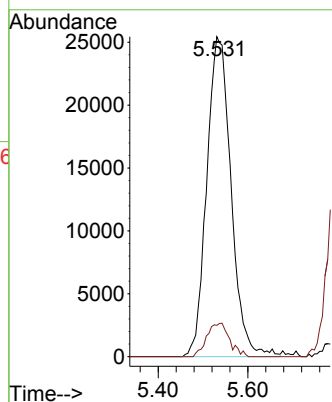
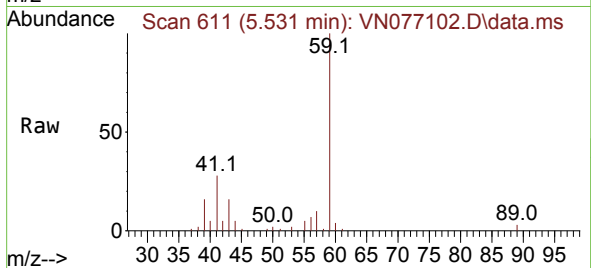




#11
Tert butyl alcohol
Concen: 119.511 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

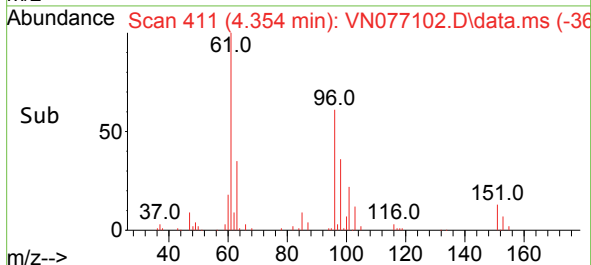
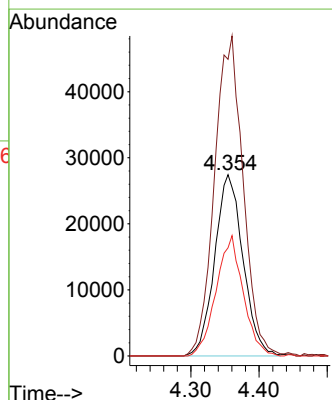
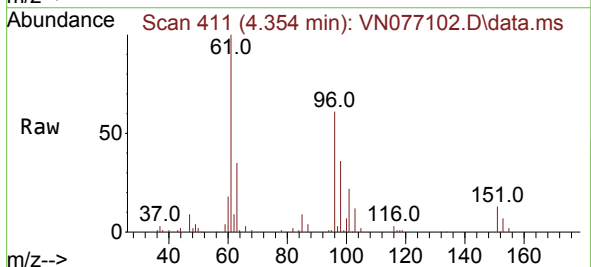
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBS01

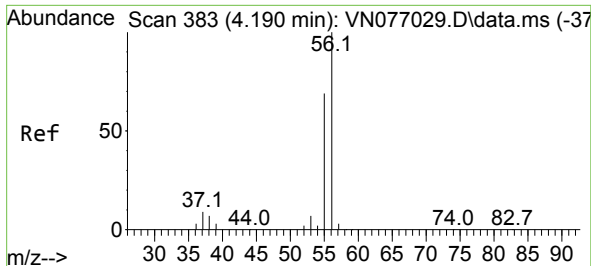
Tgt Ion: 59 Resp: 95722
Ion Ratio Lower Upper
59 100
57 9.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.997 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 96 Resp: 79364
Ion Ratio Lower Upper
96 100
61 163.7 133.8 200.8
98 59.7 48.6 72.8





#13

Acrolein

Concen: 94.648 ug/l

RT: 4.196 min Scan# 384

Delta R.T. 0.006 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

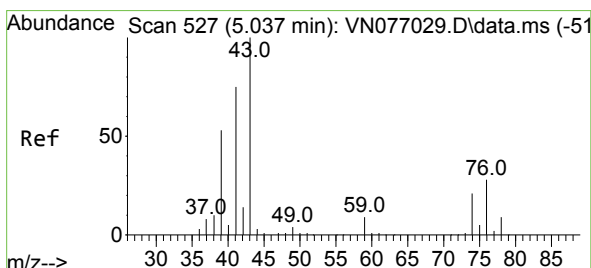
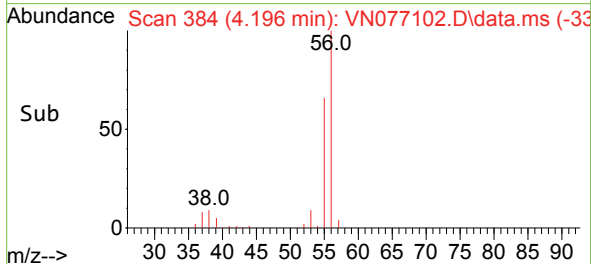
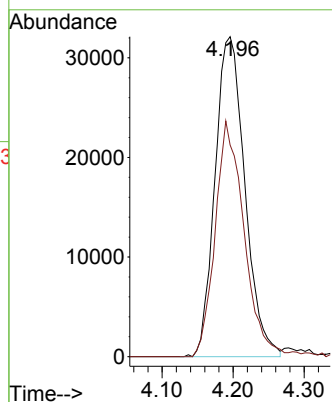
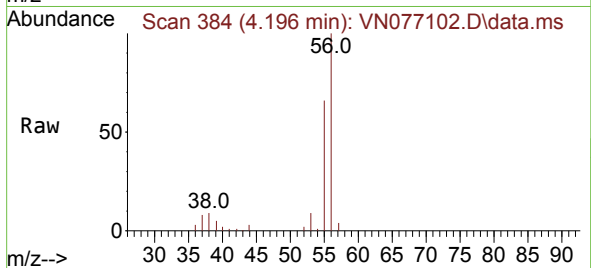
VN0322MBS01

Tgt Ion: 56 Resp: 93764

Ion Ratio Lower Upper

56 100

55 70.9 57.0 85.6



#14

Allyl chloride

Concen: 19.593 ug/l

RT: 5.043 min Scan# 528

Delta R.T. 0.006 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

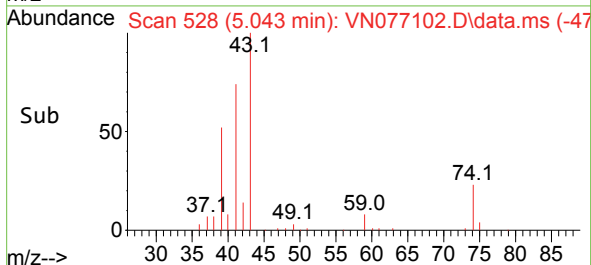
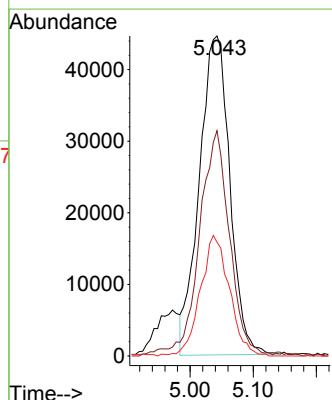
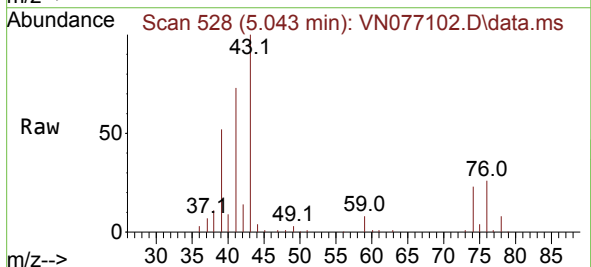
Tgt Ion: 41 Resp: 149852

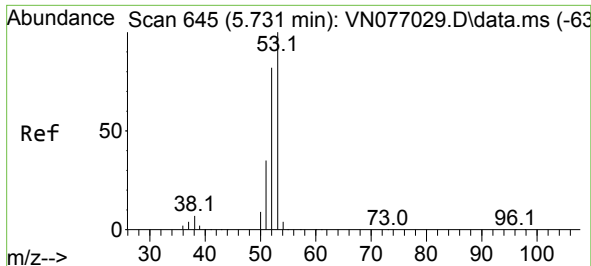
Ion Ratio Lower Upper

41 100

39 69.9 53.8 80.8

76 35.9 26.7 40.1

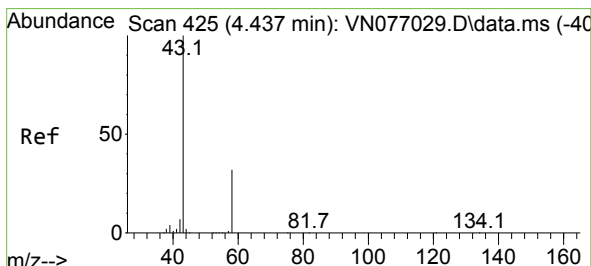
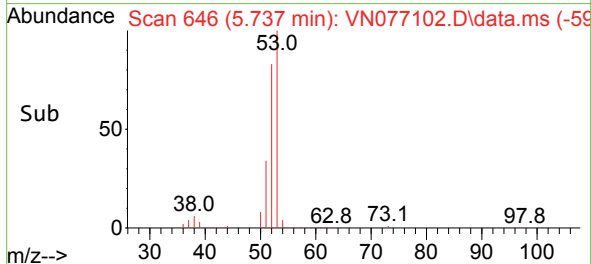
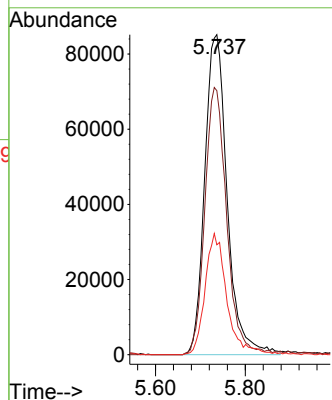
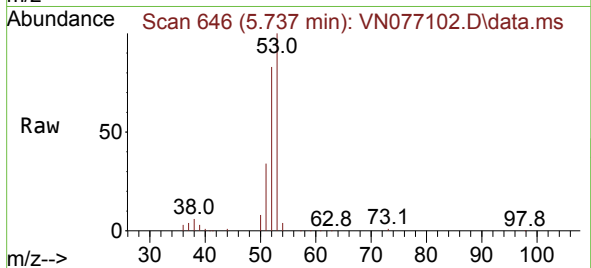




#15
Acrylonitrile
Concen: 109.918 ug/l
RT: 5.737 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

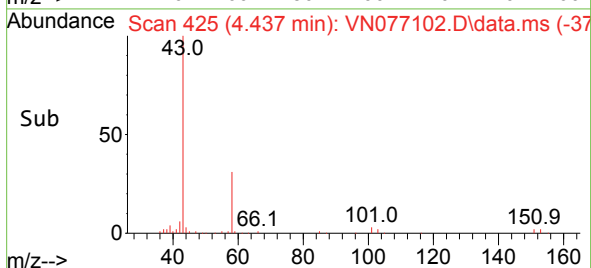
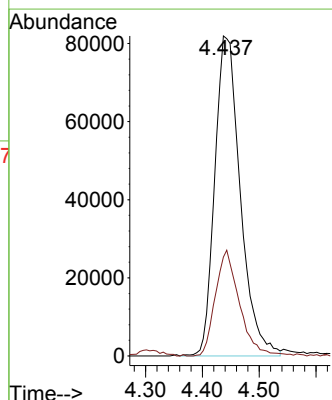
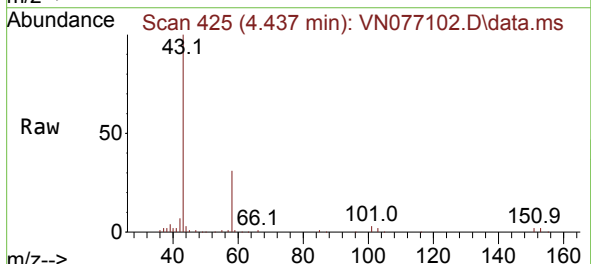
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

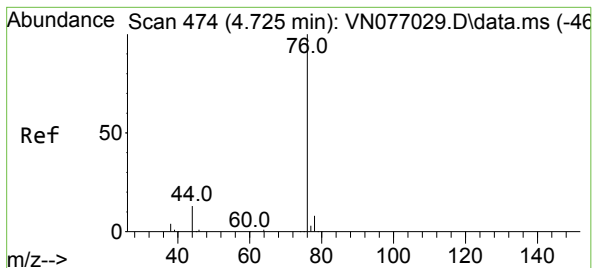
Tgt Ion: 53 Resp: 295968
Ion Ratio Lower Upper
53 100
52 81.1 64.6 97.0
51 36.7 28.3 42.5



#16
Acetone
Concen: 104.582 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 43 Resp: 256138
Ion Ratio Lower Upper
43 100
58 30.9 25.4 38.0





#17

Carbon Disulfide

Concen: 17.135 ug/l

RT: 4.725 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

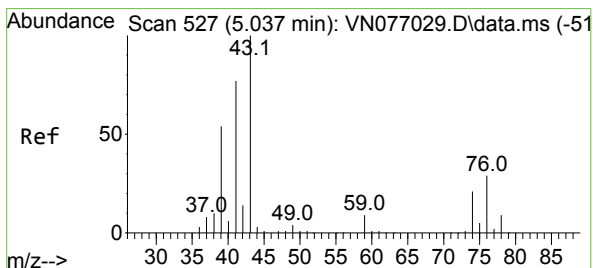
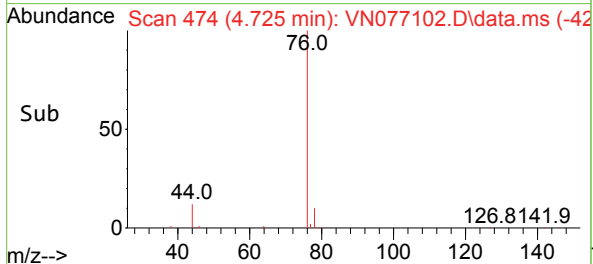
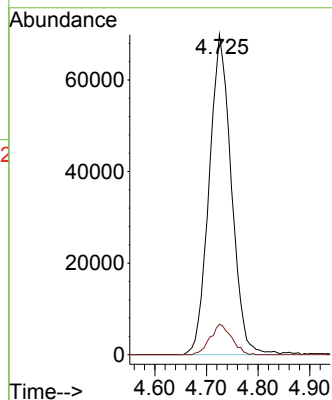
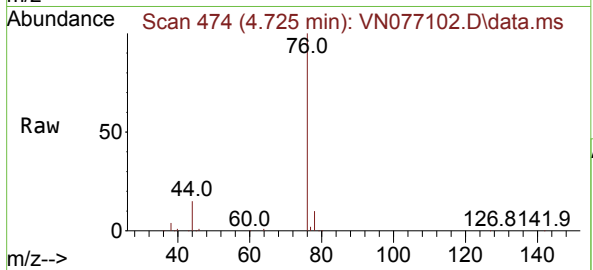
VN0322MBS01

Tgt Ion: 76 Resp: 208739

Ion Ratio Lower Upper

76 100

78 9.5 6.6 10.0



#18

Methyl Acetate

Concen: 22.249 ug/l

RT: 5.037 min Scan# 527

Delta R.T. -0.000 min

Lab File: VN077102.D

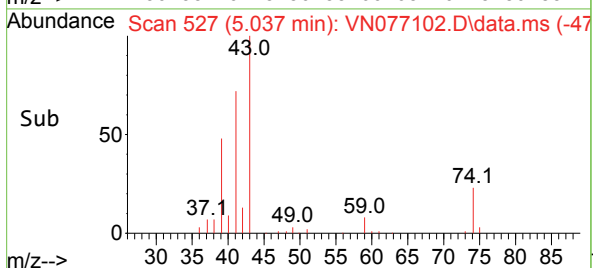
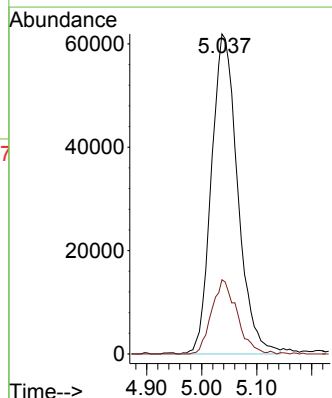
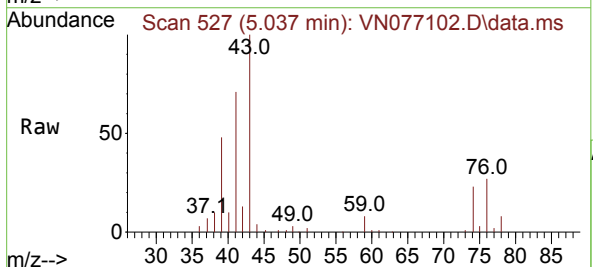
Acq: 22 Mar 2023 12:52

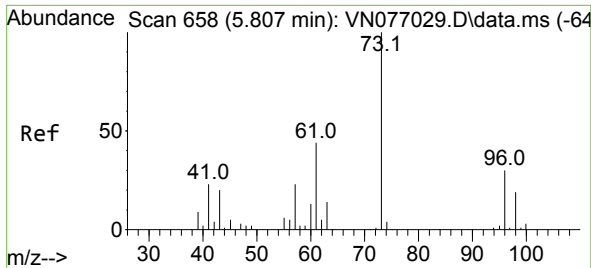
Tgt Ion: 43 Resp: 205482

Ion Ratio Lower Upper

43 100

74 22.3 17.7 26.5

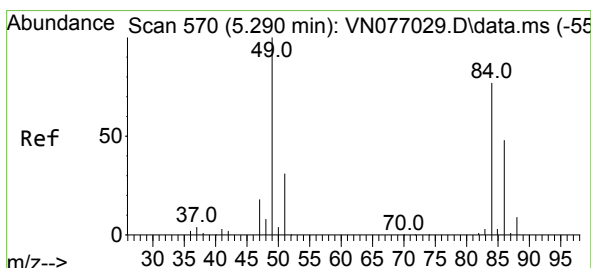
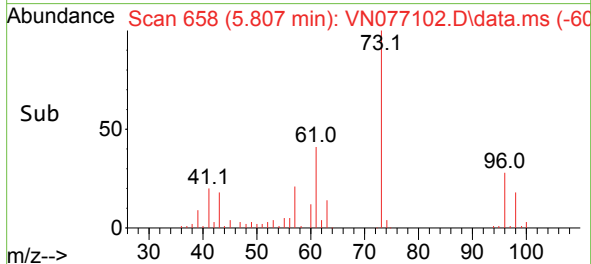
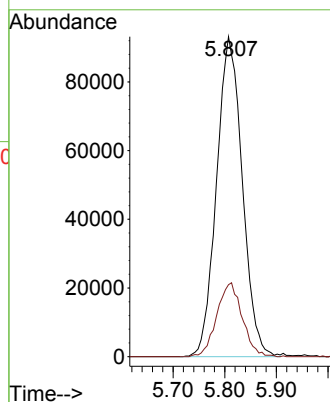
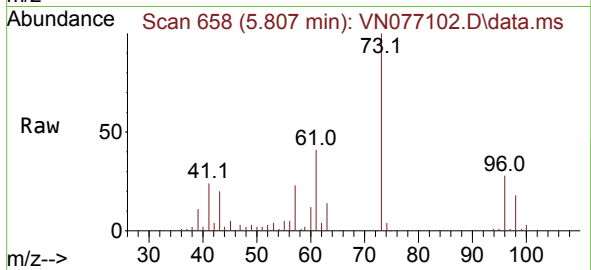




#19
Methyl tert-butyl Ether
Concen: 21.495 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

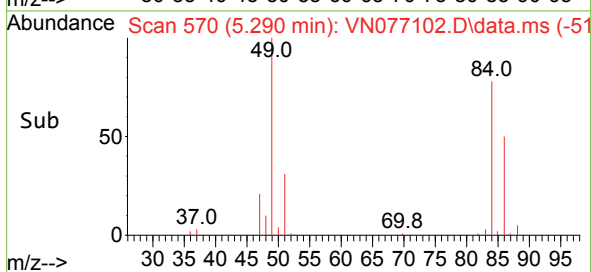
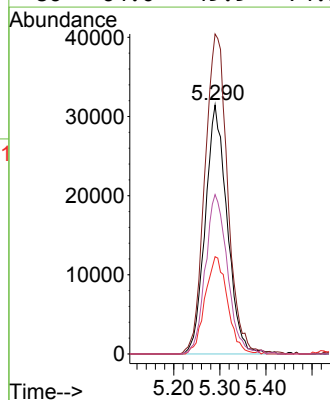
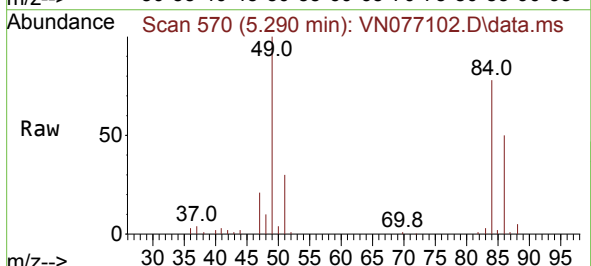
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBS01

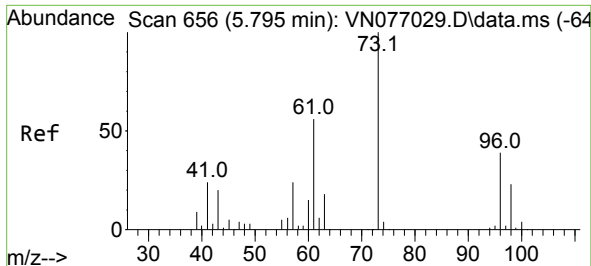
Tgt Ion: 73 Resp: 322293
Ion Ratio Lower Upper
73 100
57 22.5 18.7 28.1



#20
Methylene Chloride
Concen: 19.576 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 84 Resp: 104054
Ion Ratio Lower Upper
84 100
49 128.5 103.8 155.6
51 39.1 32.3 48.5
86 64.0 49.9 74.9

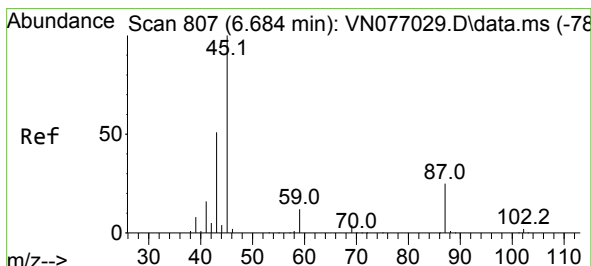
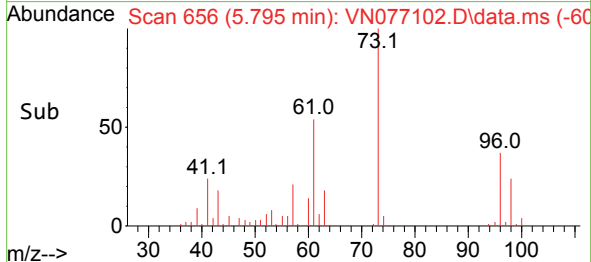
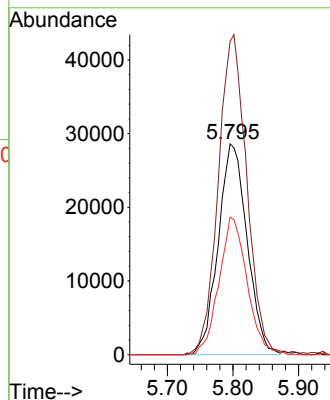
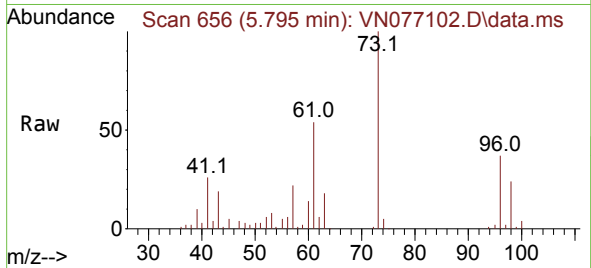




#21
trans-1,2-Dichloroethene
Concen: 19.332 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

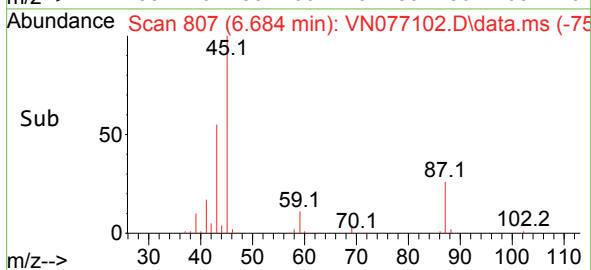
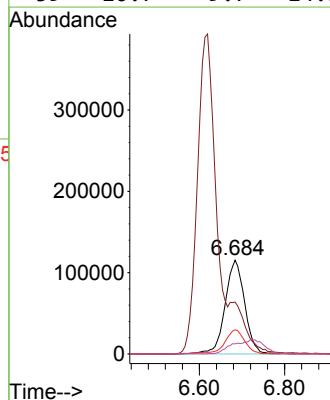
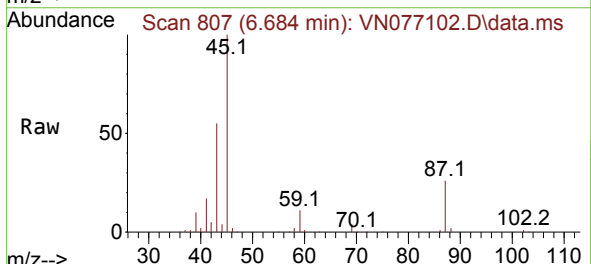
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

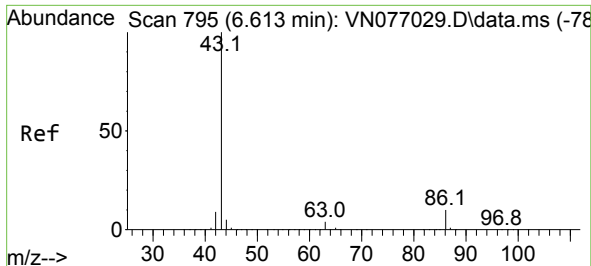
Tgt Ion: 96 Resp: 87538
Ion Ratio Lower Upper
96 100
61 148.5 115.8 173.6
98 65.2 48.2 72.2



#22
Diisopropyl ether
Concen: 21.887 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 45 Resp: 366764
Ion Ratio Lower Upper
45 100
43 54.2 41.5 62.3
87 25.5 20.6 30.8
59 10.7 9.7 14.5

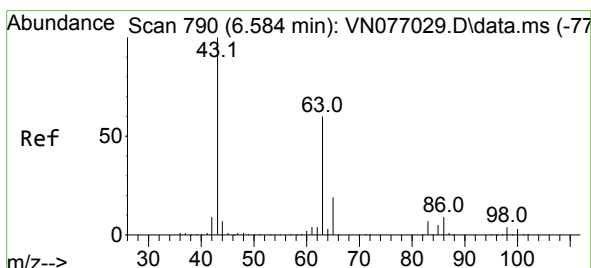
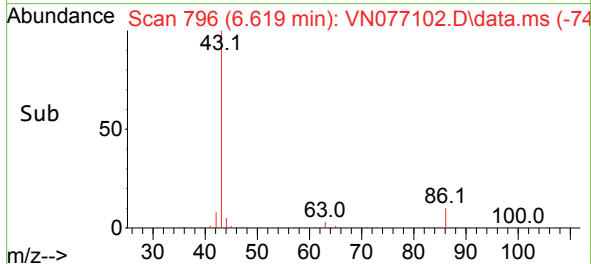
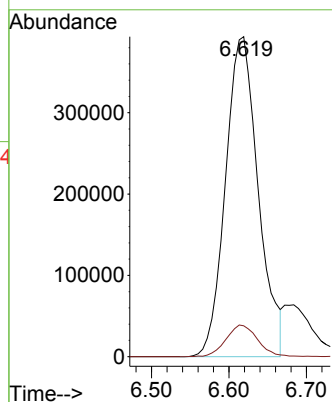
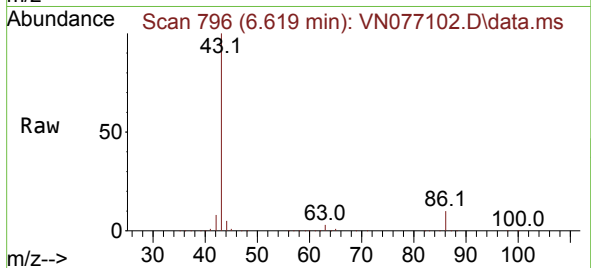




#23
 Vinyl Acetate
 Concen: 109.622 ug/l
 RT: 6.619 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VN077102.D
 Acq: 22 Mar 2023 12:52

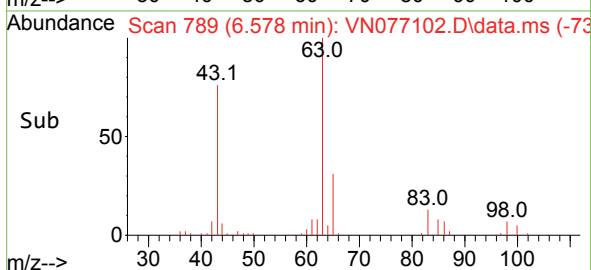
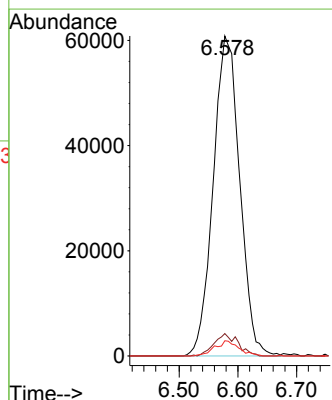
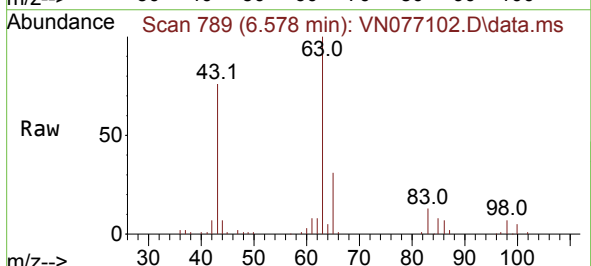
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322MBS01

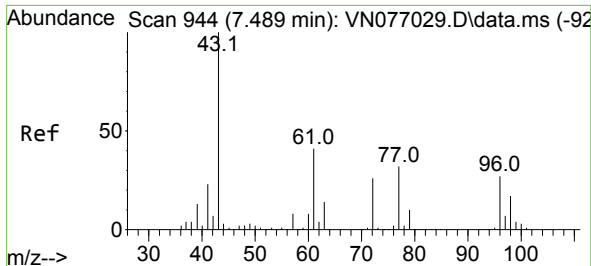
Tgt Ion: 43 Resp: 1159200
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 19.894 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077102.D
 Acq: 22 Mar 2023 12:52

Tgt Ion: 63 Resp: 190766
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.7 2.1 6.3

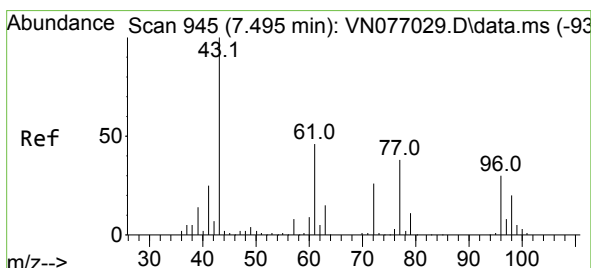
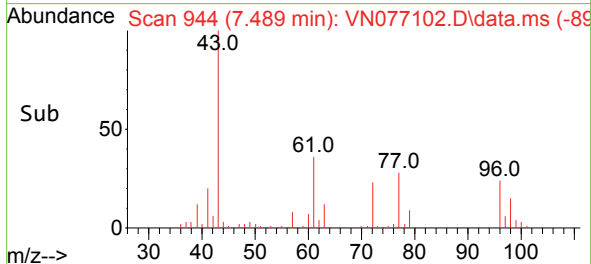
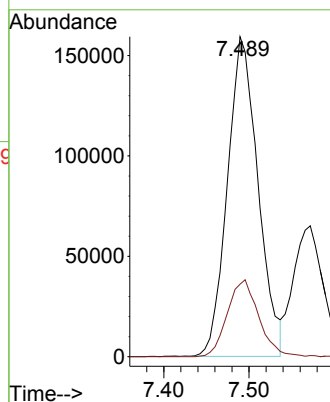
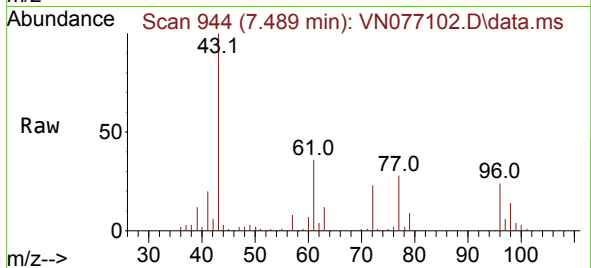




#25
2-Butanone
Concen: 111.097 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

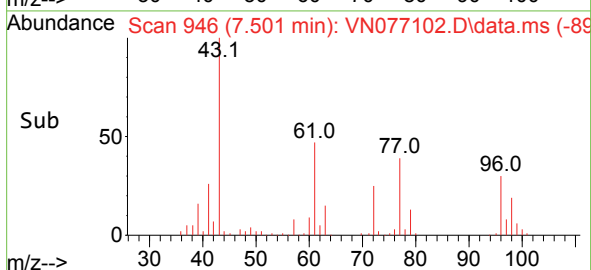
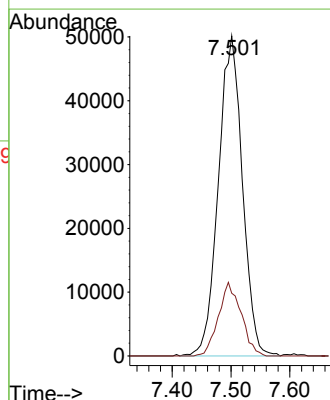
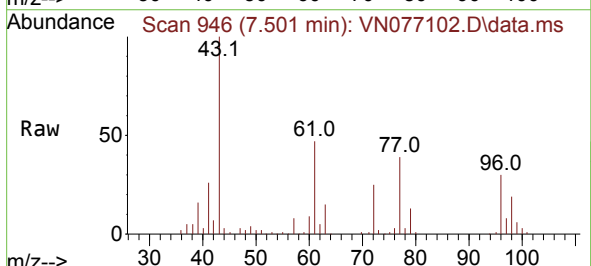
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBS01

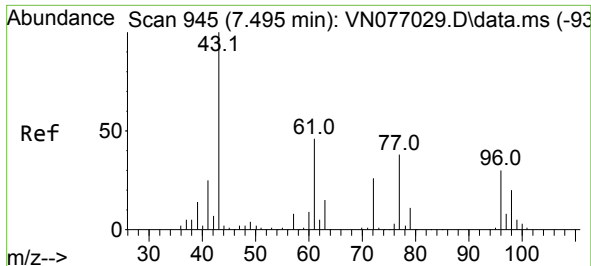
Tgt Ion: 43 Resp: 398034
Ion Ratio Lower Upper
43 100
72 22.7 20.7 31.1



#26
2,2-Dichloropropane
Concen: 19.748 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 77 Resp: 142485
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.553 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0322MBSD01

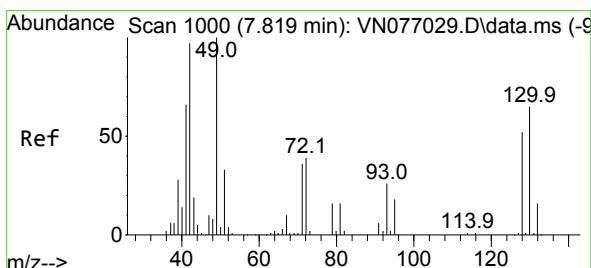
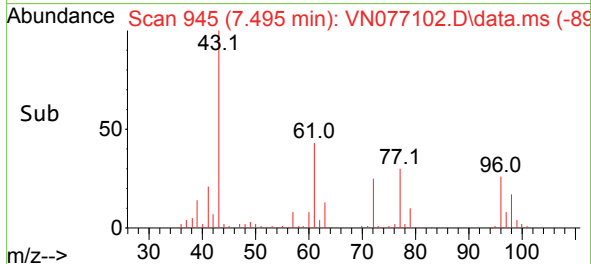
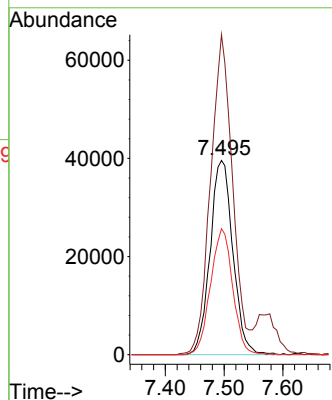
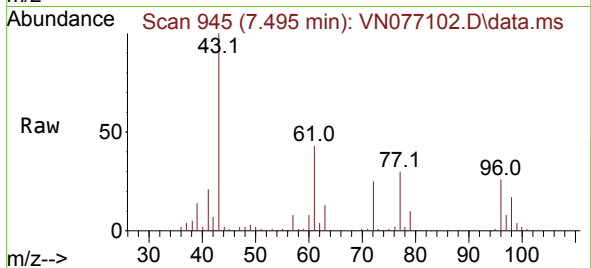
Tgt Ion: 96 Resp: 106593

Ion Ratio Lower Upper

96 100

61 159.8 0.0 315.4

98 63.1 0.0 128.6



#28

Bromochloromethane

Concen: 20.554 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

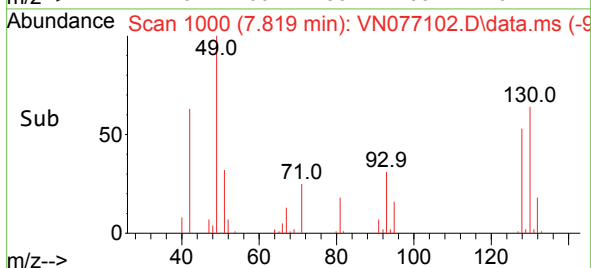
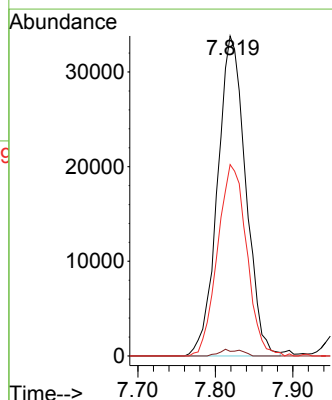
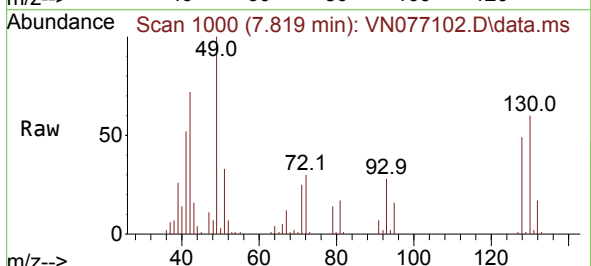
Tgt Ion: 49 Resp: 85591

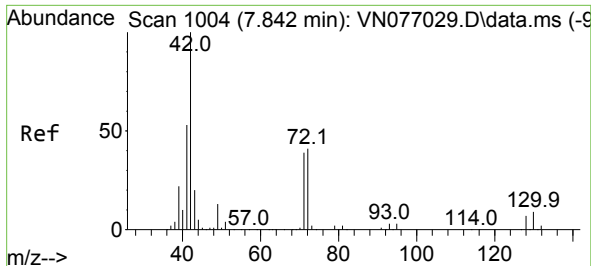
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.2

130 61.7 51.9 77.9





#29

Tetrahydrofuran

Concen: 115.357 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0322MBSD01

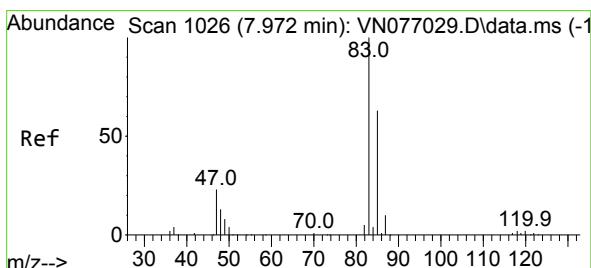
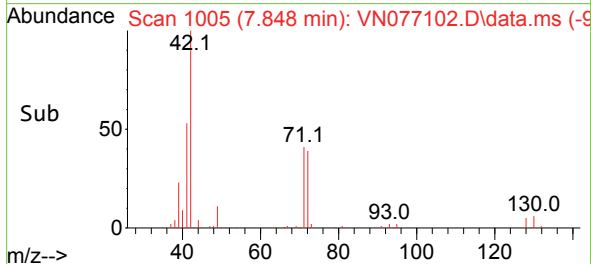
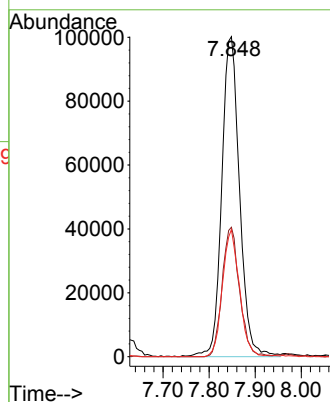
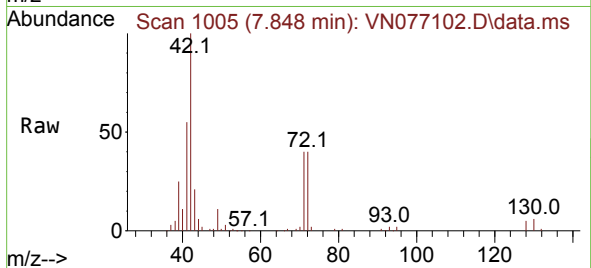
Tgt Ion: 42 Resp: 267818

Ion Ratio Lower Upper

42 100

72 39.4 33.2 49.8

71 37.8 31.0 46.4



#30

Chloroform

Concen: 20.620 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077102.D

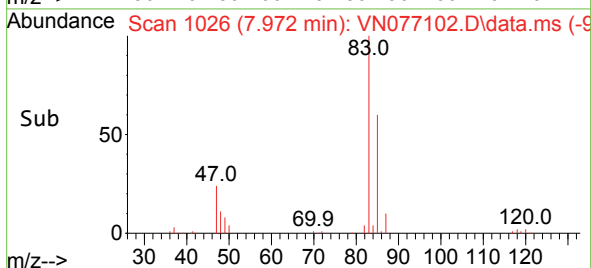
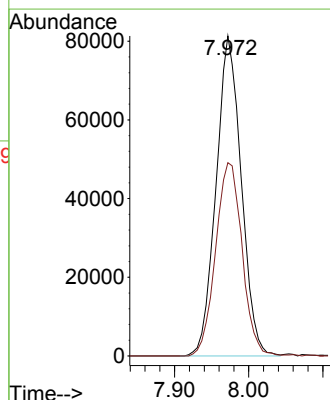
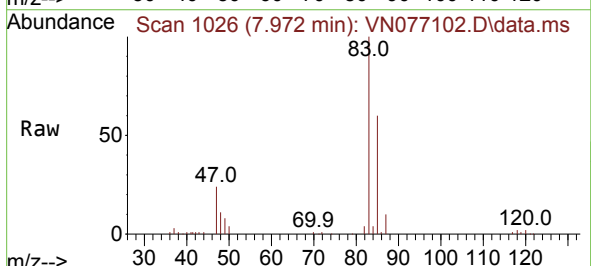
Acq: 22 Mar 2023 12:52

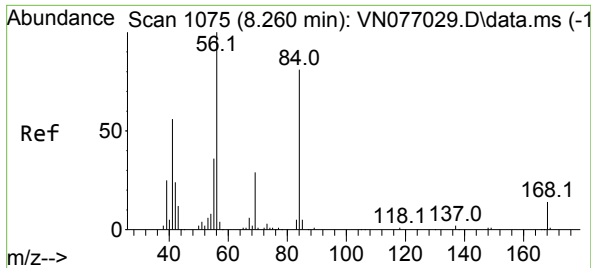
Tgt Ion: 83 Resp: 191910

Ion Ratio Lower Upper

83 100

85 60.4 50.6 75.8

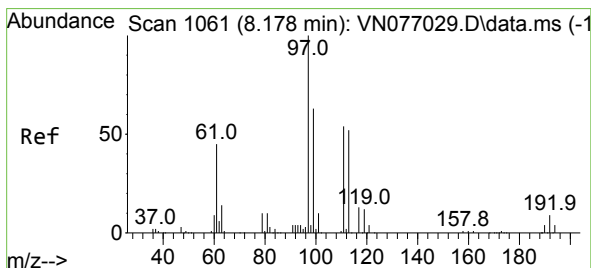
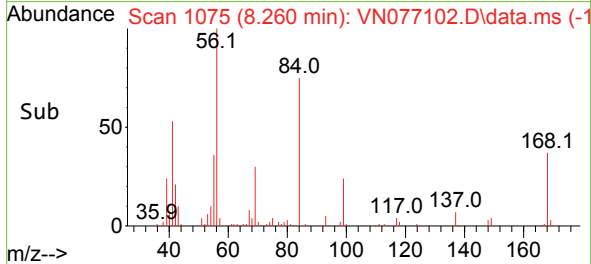
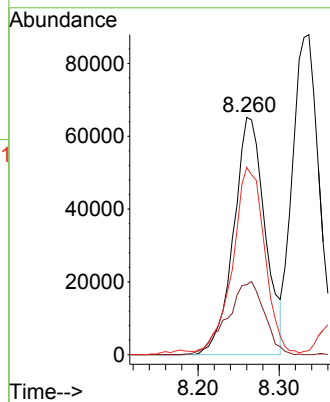
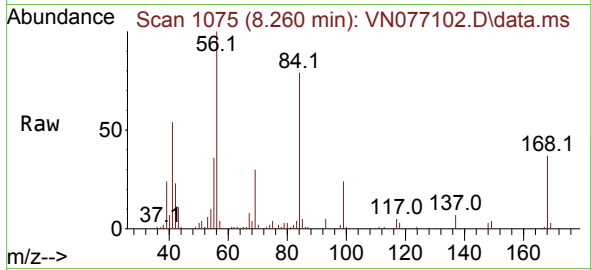




#31
Cyclohexane
Concen: 19.510 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

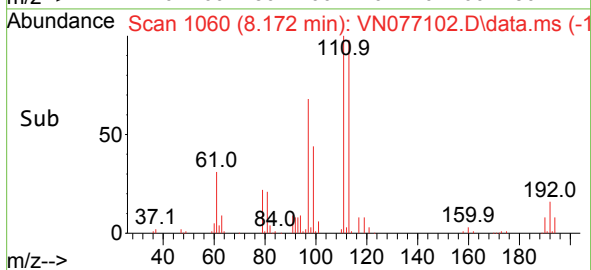
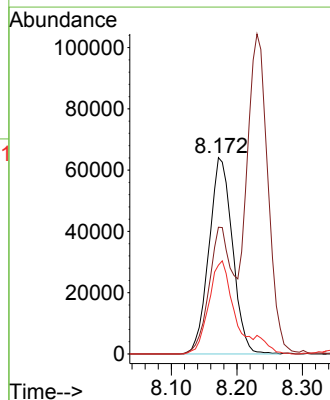
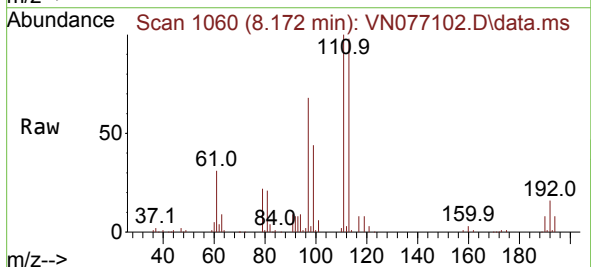
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

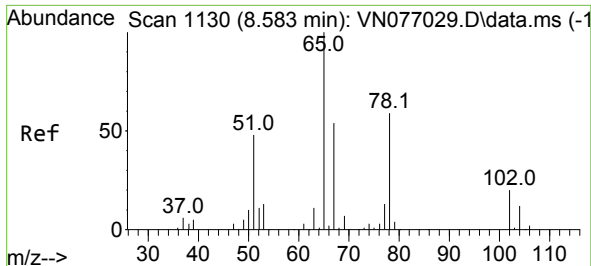
Tgt Ion: 56 Resp: 175455
Ion Ratio Lower Upper
56 100
69 29.5 22.8 34.2
84 76.9 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 20.085 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 97 Resp: 159768
Ion Ratio Lower Upper
97 100
99 65.0 50.2 75.2
61 50.0 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 55.808 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

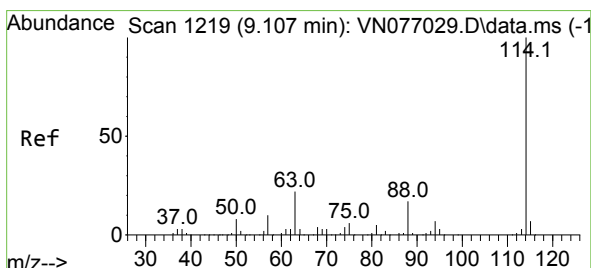
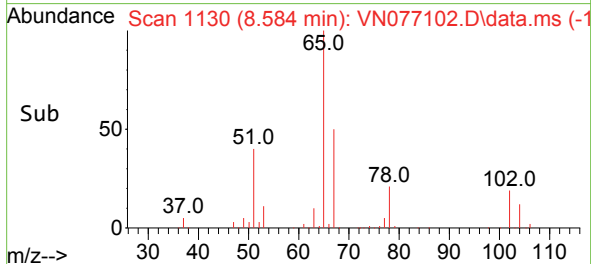
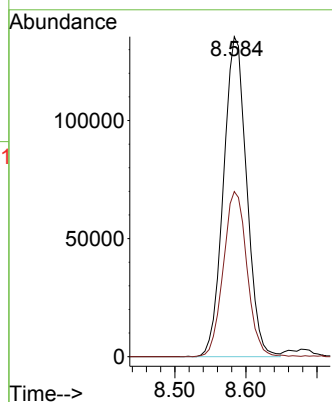
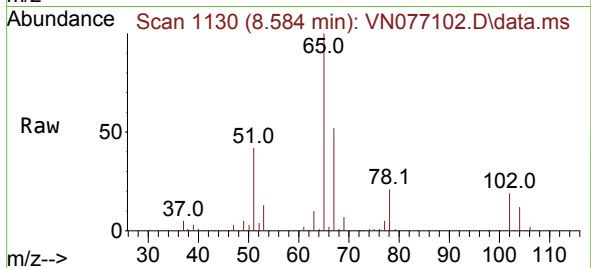
VN0322MBS01

Tgt Ion: 65 Resp: 306753

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

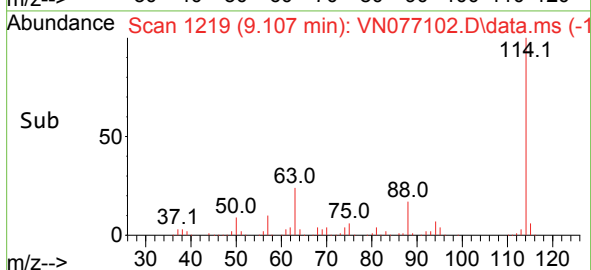
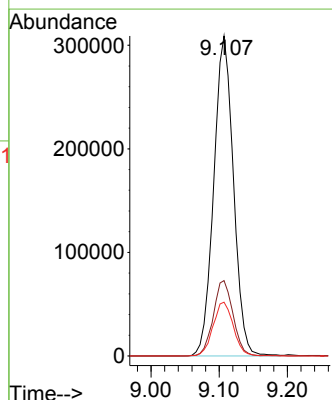
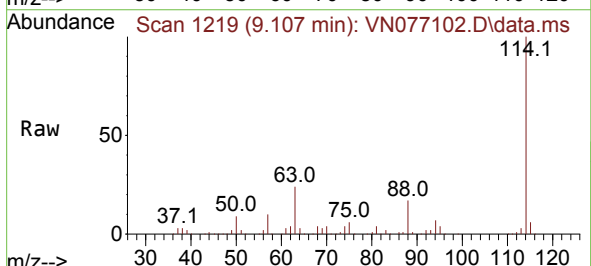
Tgt Ion: 114 Resp: 622202

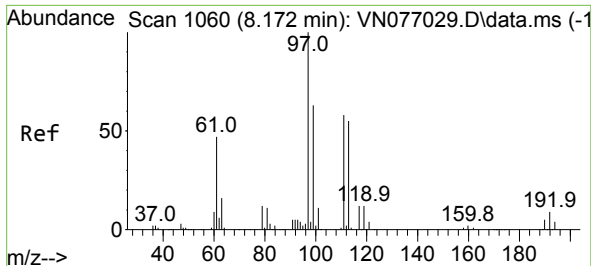
Ion Ratio Lower Upper

114 100

63 23.5 0.0 44.6

88 16.8 0.0 33.8

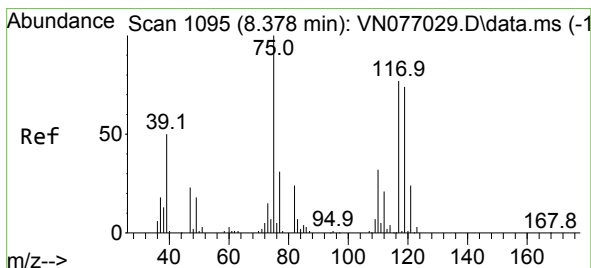
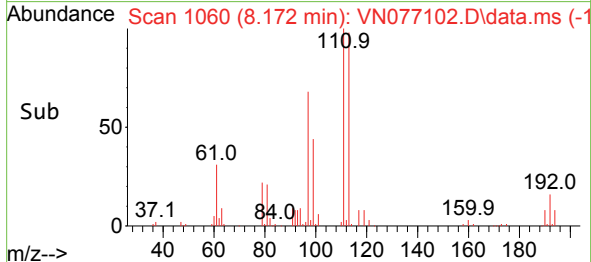
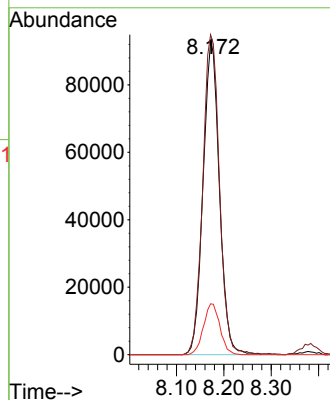
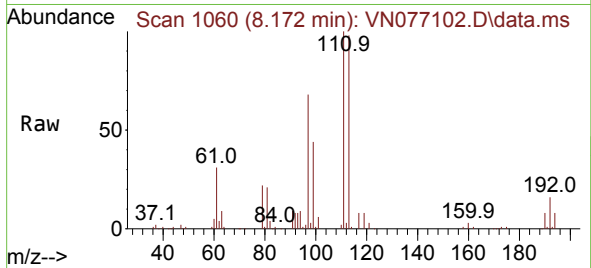




#35
Dibromofluoromethane
Concen: 51.014 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

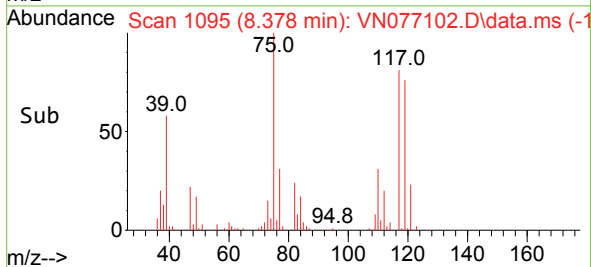
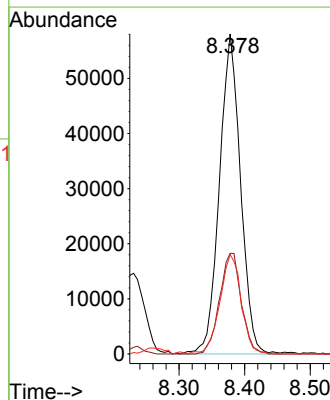
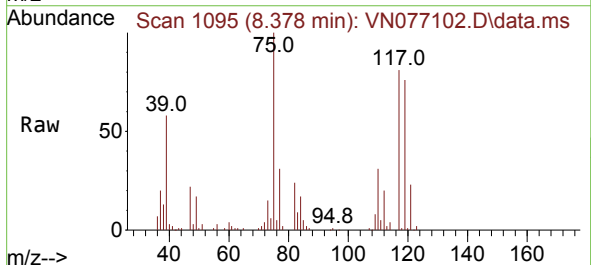
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBS01

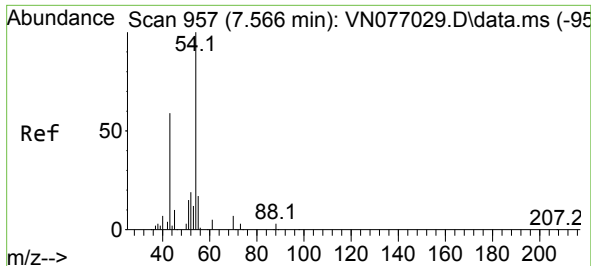
Tgt Ion:113 Resp: 222285
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.2
192 16.4 13.0 19.6



#36
1,1-Dichloropropene
Concen: 19.027 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 75 Resp: 129496
Ion Ratio Lower Upper
75 100
110 32.3 15.9 47.7
77 31.4 24.3 36.5

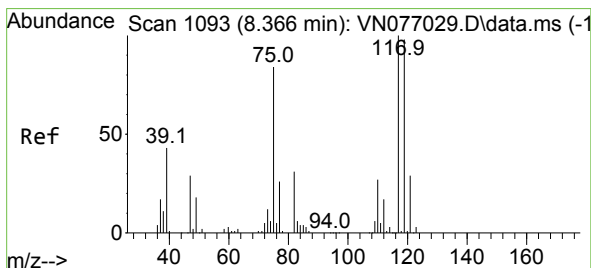
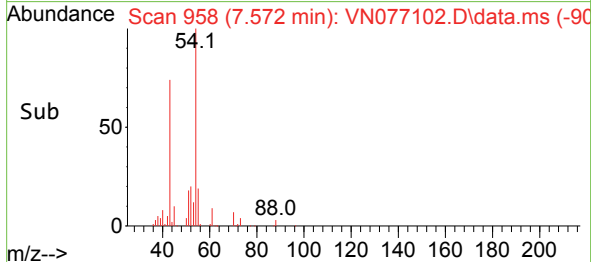
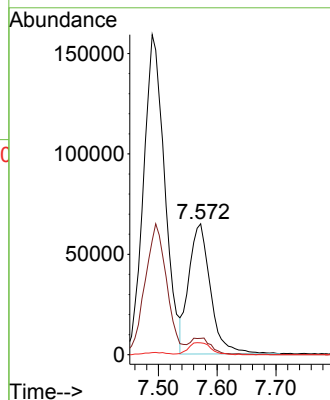
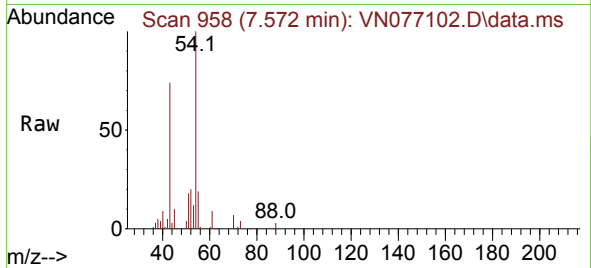




#37
Ethyl Acetate
Concen: 22.748 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

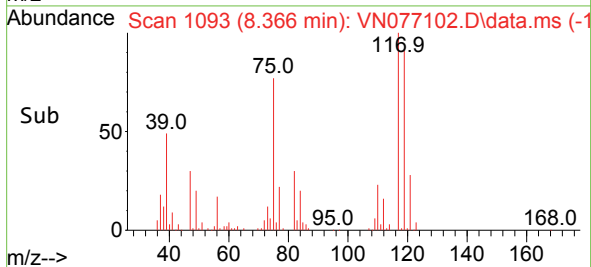
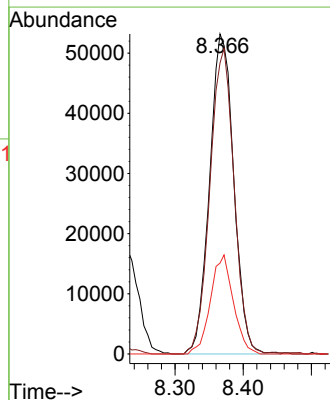
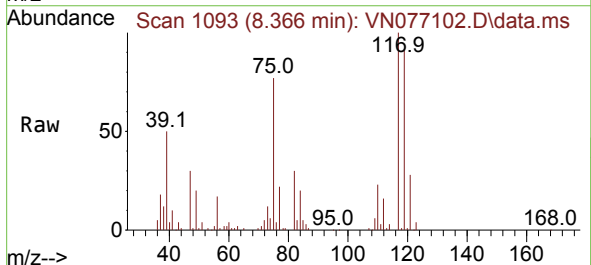
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

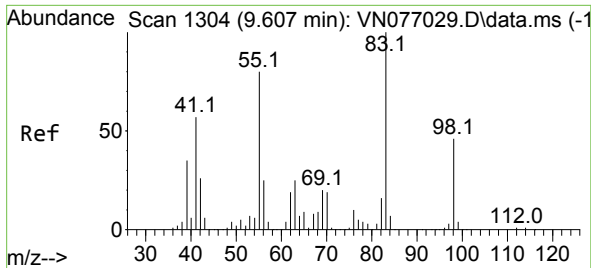
Tgt Ion: 43 Resp: 165647
Ion Ratio Lower Upper
43 100
61 12.4 11.0 16.6
70 9.6 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.758 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 117 Resp: 130978
Ion Ratio Lower Upper
117 100
119 90.9 78.2 117.2
121 28.4 23.2 34.8

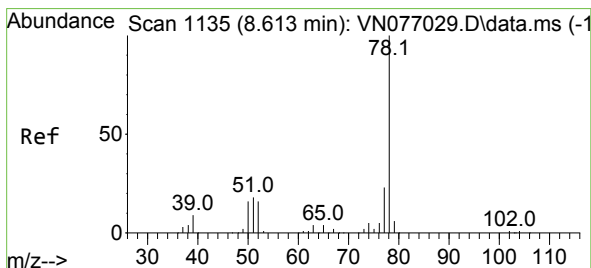
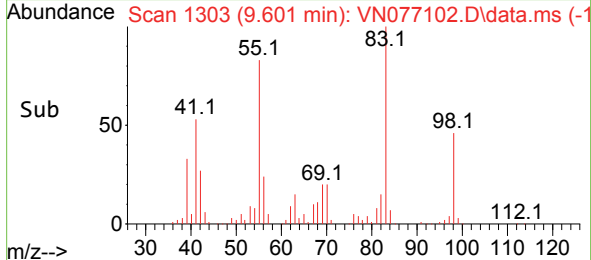
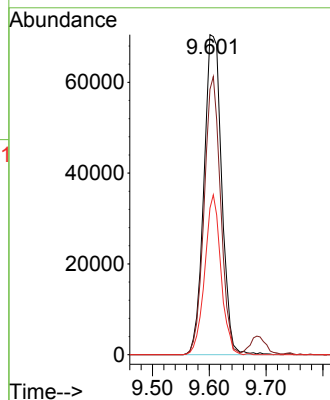
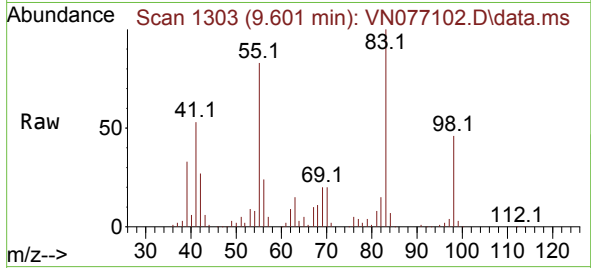




#39
Methylcyclohexane
Concen: 19.174 ug/l
RT: 9.601 min Scan# 11303
Delta R.T. -0.006 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

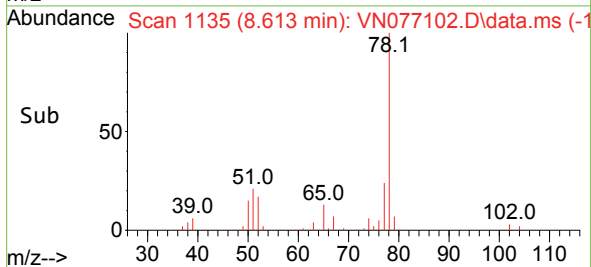
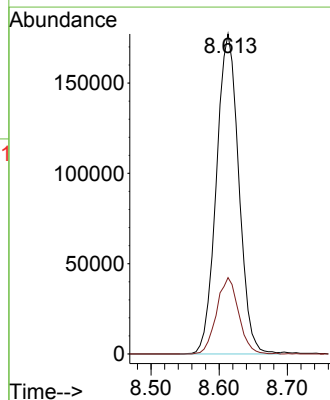
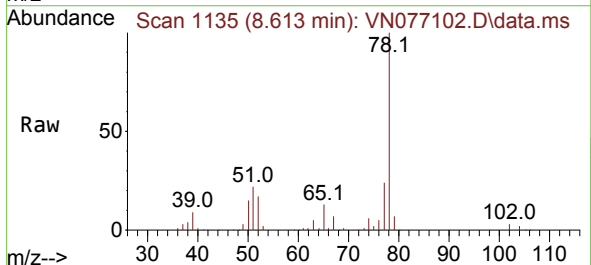
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

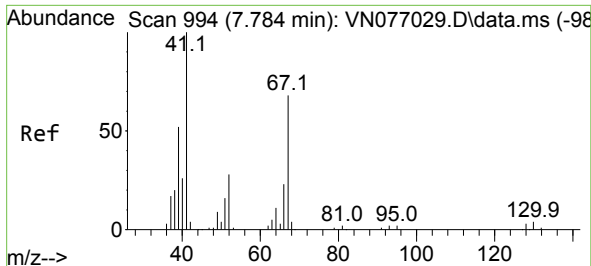
Tgt Ion: 83 Resp: 152744
Ion Ratio Lower Upper
83 100
55 82.9 63.8 95.8
98 45.8 37.1 55.7



#40
Benzene
Concen: 19.628 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 78 Resp: 405123
Ion Ratio Lower Upper
78 100
77 23.9 18.5 27.7

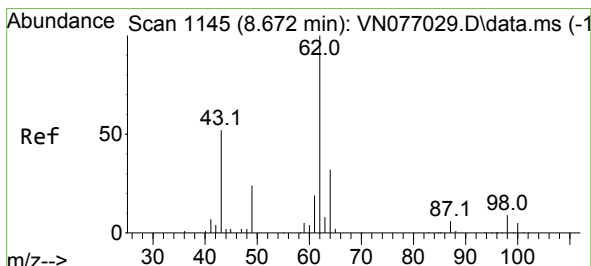
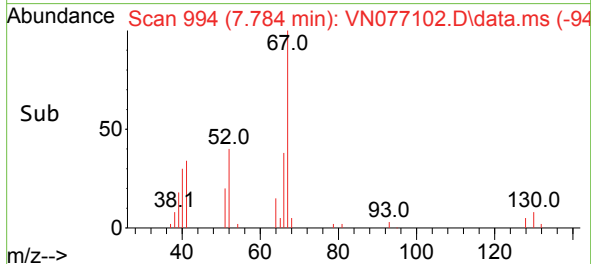
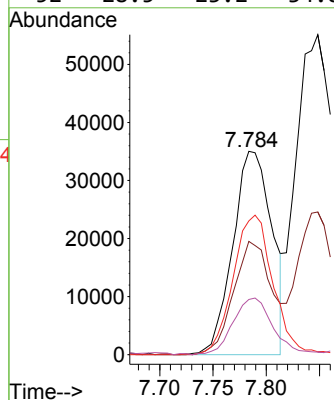
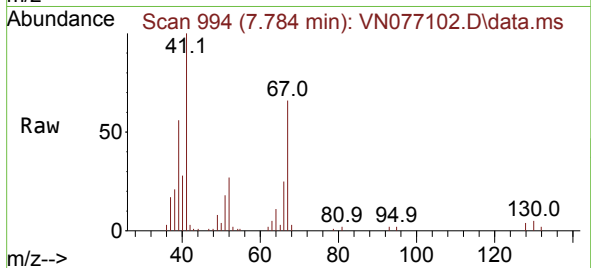




#41
Methacrylonitrile
Concen: 22.792 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

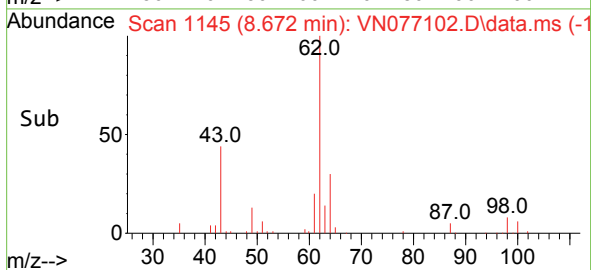
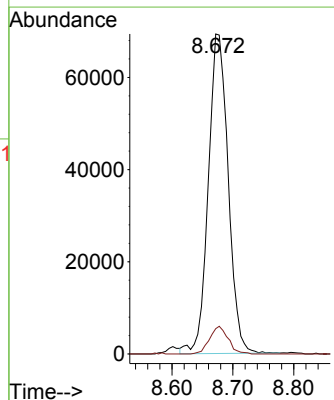
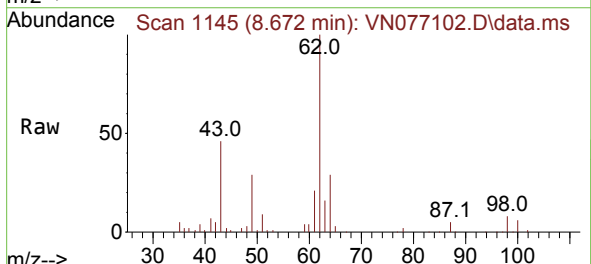
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

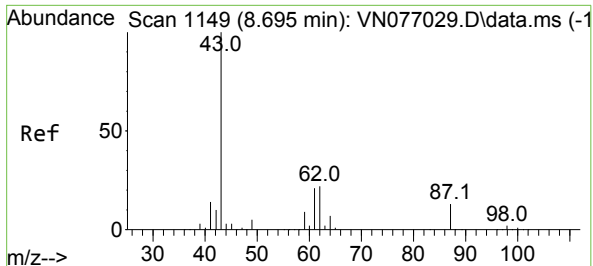
Tgt Ion:	41	Resp:	89407
Ion	Ratio	Lower	Upper
41	100		
39	53.5	41.6	62.4
67	70.1	53.8	80.8
52	28.5	23.2	34.8



#42
1,2-Dichloroethane
Concen: 21.107 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion:	62	Resp:	157426
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.4

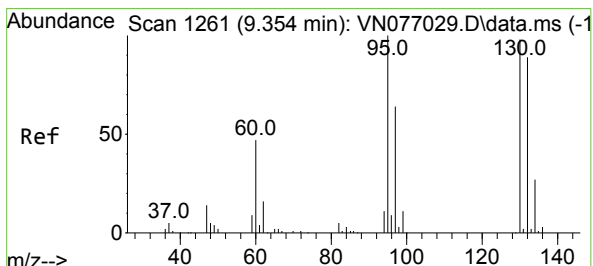
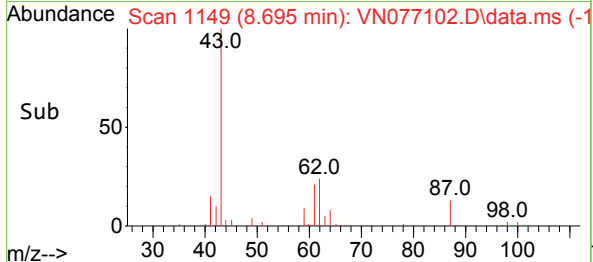
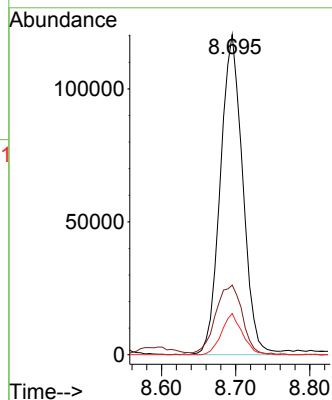
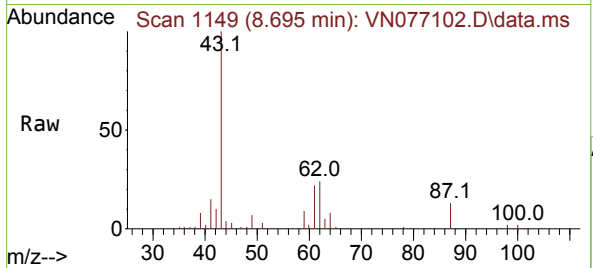




#43
Isopropyl Acetate
Concen: 22.166 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

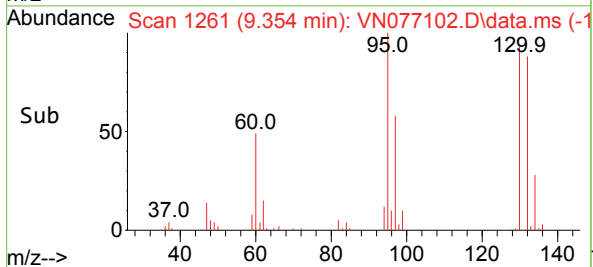
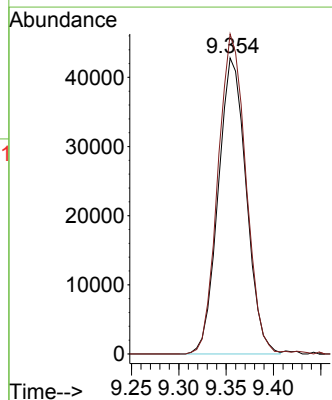
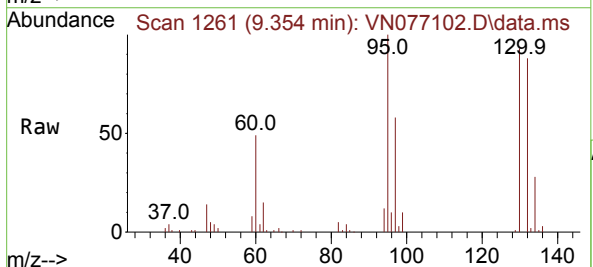
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

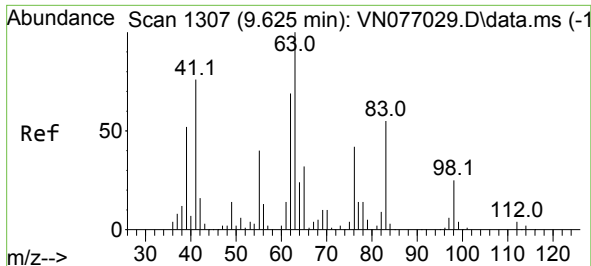
Tgt Ion: 43 Resp: 252142
Ion Ratio Lower Upper
43 100
61 26.2 20.6 30.8
87 11.9 10.0 15.0



#44
Trichloroethene
Concen: 18.557 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion:130 Resp: 87978
Ion Ratio Lower Upper
130 100
95 108.1 0.0 204.4

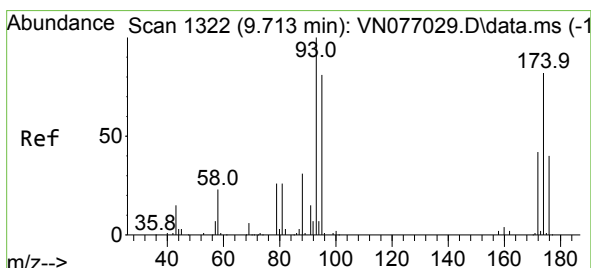
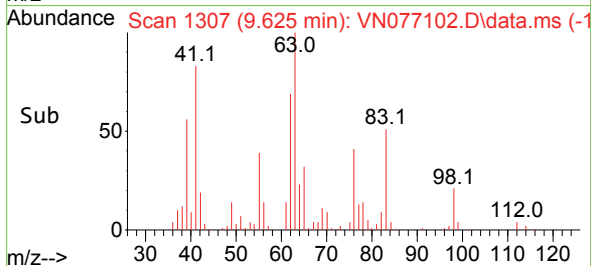
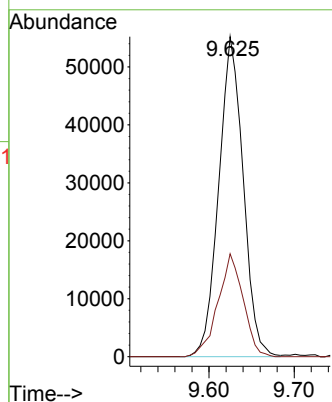
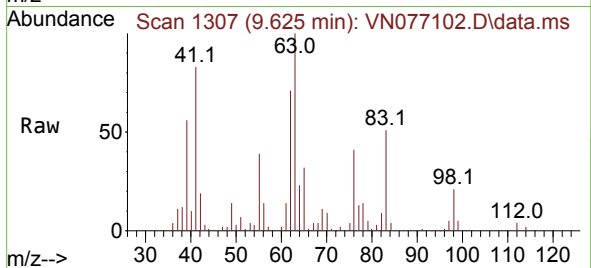




#45
1,2-Dichloropropane
Concen: 20.062 ug/l
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

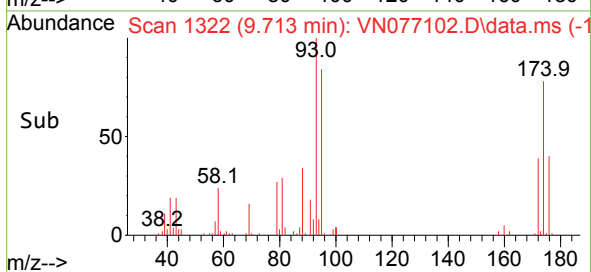
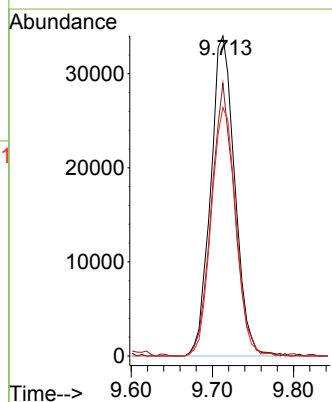
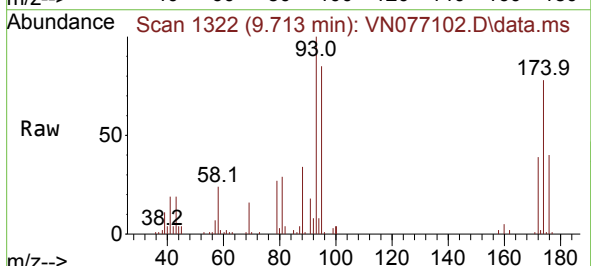
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

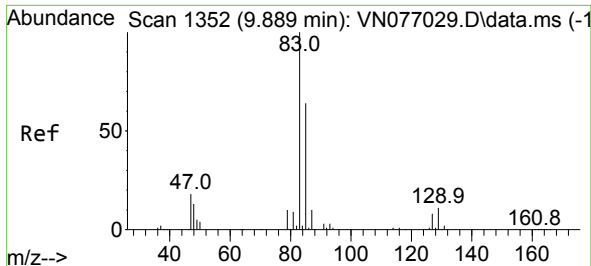
Tgt Ion: 63 Resp: 109981
Ion Ratio Lower Upper
63 100
65 32.1 25.5 38.3



#46
Dibromomethane
Concen: 20.352 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 93 Resp: 70363
Ion Ratio Lower Upper
93 100
95 82.2 65.7 98.5
174 79.5 66.4 99.6

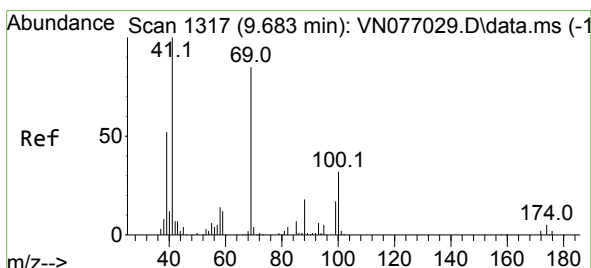
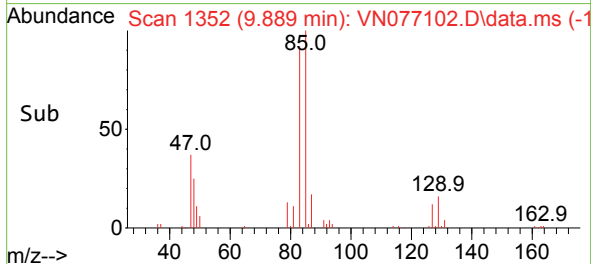
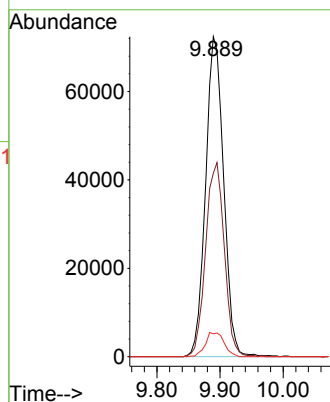
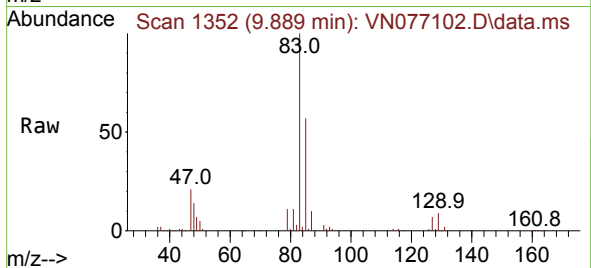




#47
Bromodichloromethane
Concen: 19.869 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

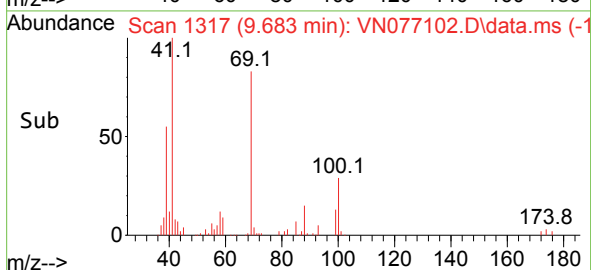
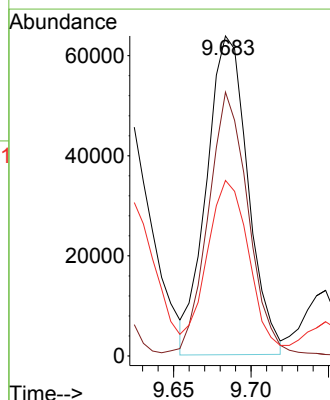
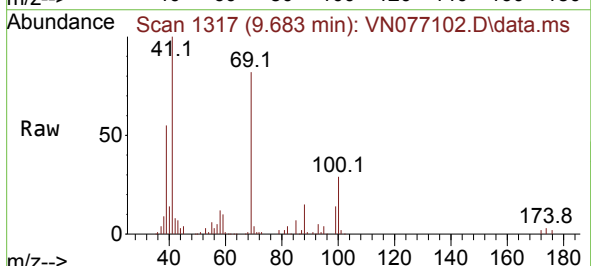
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

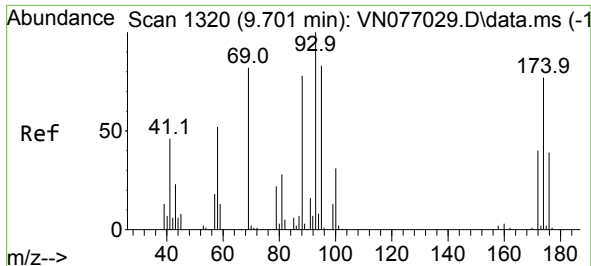
Tgt Ion: 83 Resp: 144071
Ion Ratio Lower Upper
83 100
85 57.3 51.0 76.4
127 7.1 6.1 9.1



#48
Methyl methacrylate
Concen: 21.790 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 41 Resp: 118499
Ion Ratio Lower Upper
41 100
69 80.0 64.3 96.5
39 56.8 43.2 64.8





#49

1,4-Dioxane

Concen: 446.036 ug/l

RT: 9.701 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0322MBSD01

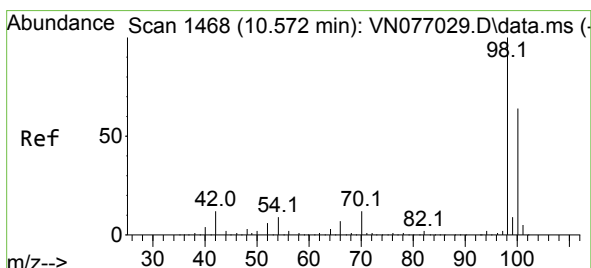
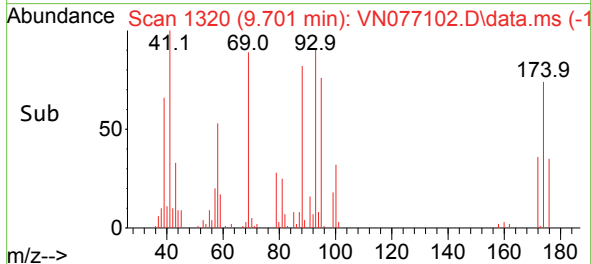
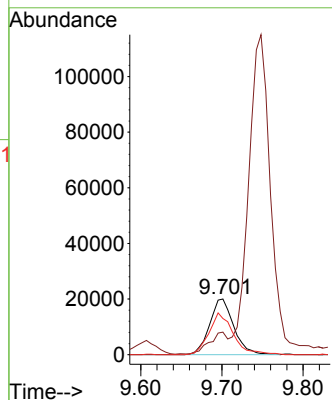
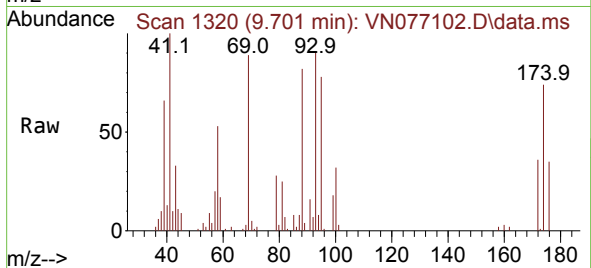
Tgt Ion: 88 Resp: 41429

Ion Ratio Lower Upper

88 100

43 28.7 22.2 33.2

58 76.0 60.8 91.2



#50

Toluene-d8

Concen: 51.652 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077102.D

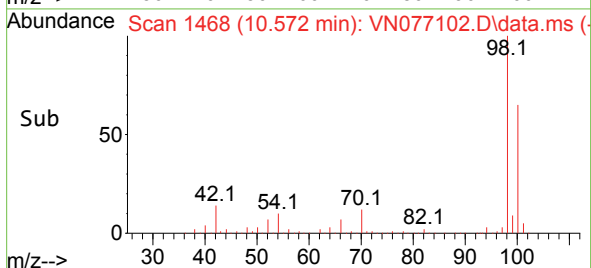
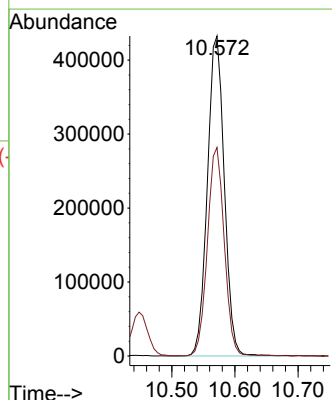
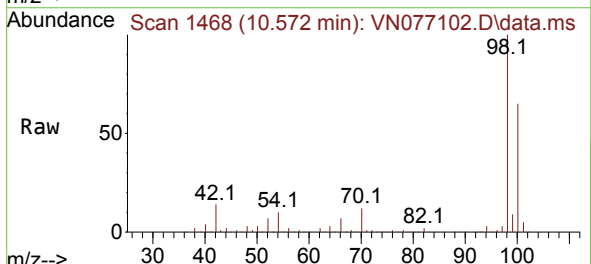
Acq: 22 Mar 2023 12:52

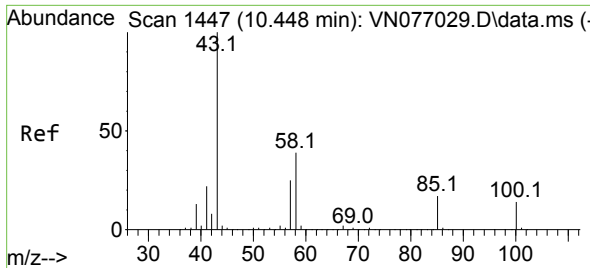
Tgt Ion: 98 Resp: 803969

Ion Ratio Lower Upper

98 100

100 65.0 51.6 77.4

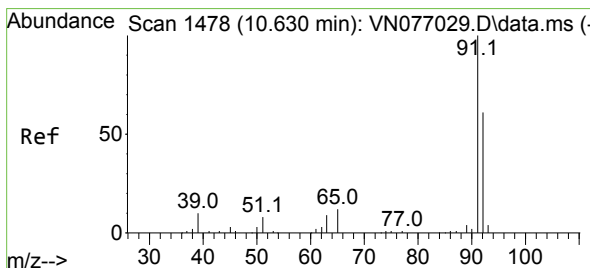
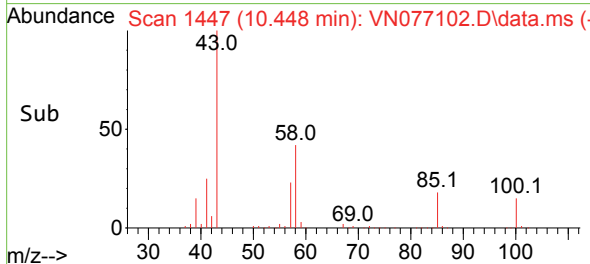
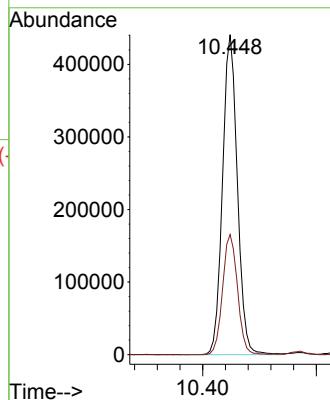
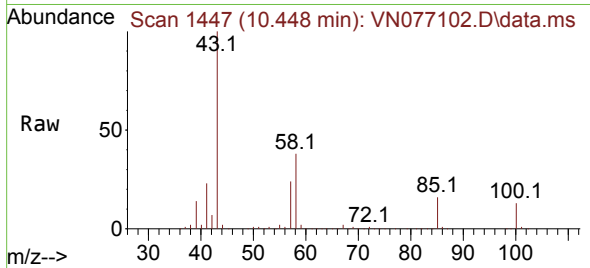




#51
4-Methyl-2-Pentanone
Concen: 113.034 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

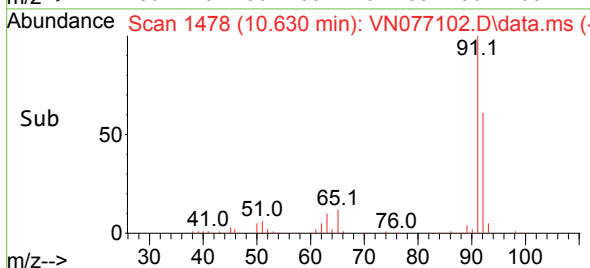
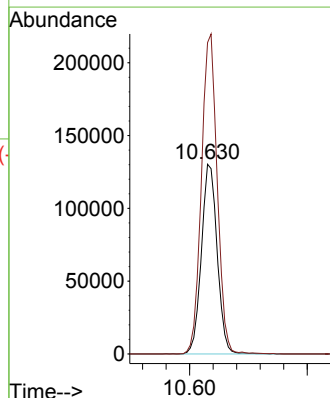
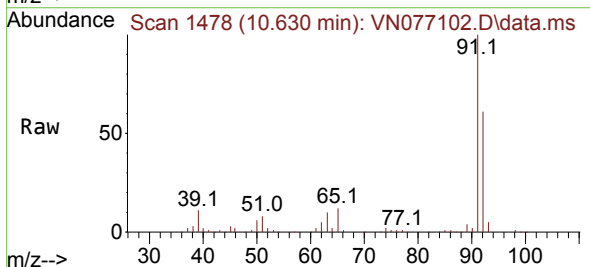
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

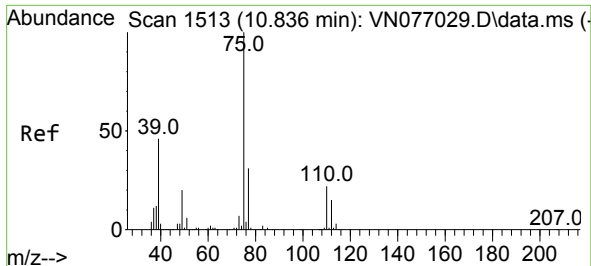
Tgt Ion: 43 Resp: 800690
Ion Ratio Lower Upper
43 100
58 37.8 31.1 46.7



#52
Toluene
Concen: 19.652 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 92 Resp: 242187
Ion Ratio Lower Upper
92 100
91 169.1 135.8 203.8

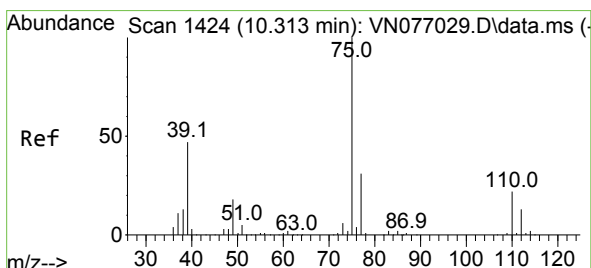
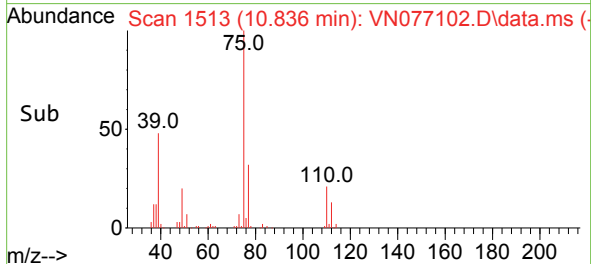
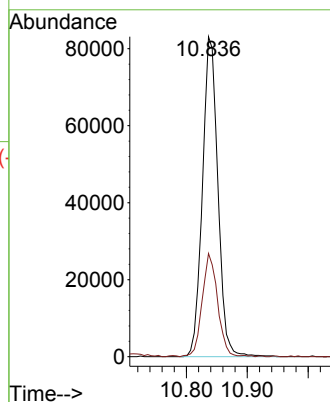
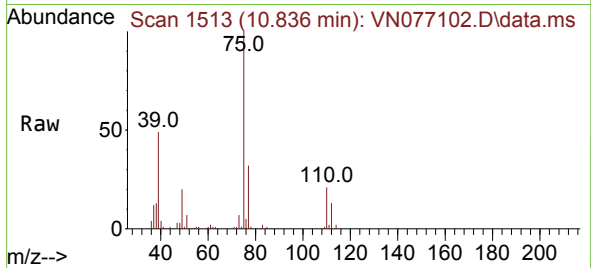




#53
 t-1,3-Dichloropropene
 Concen: 20.605 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN077102.D
 Acq: 22 Mar 2023 12:52

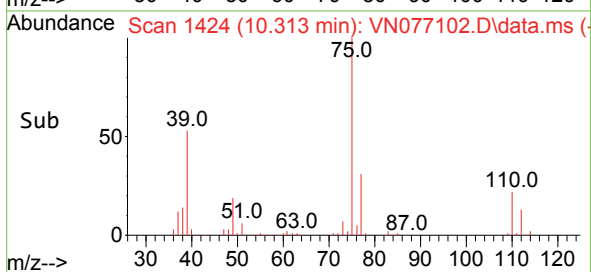
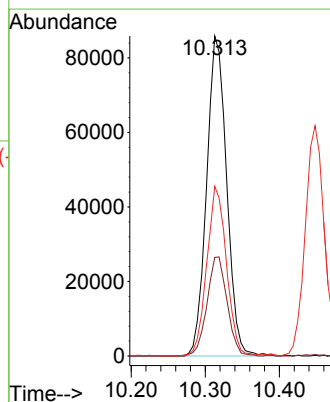
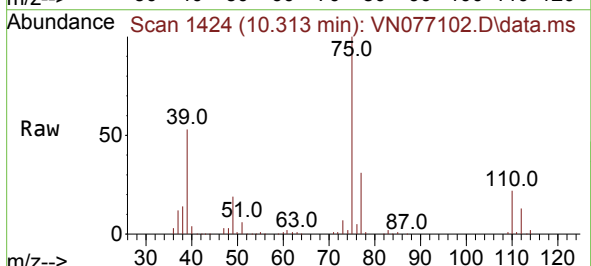
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322MBSD01

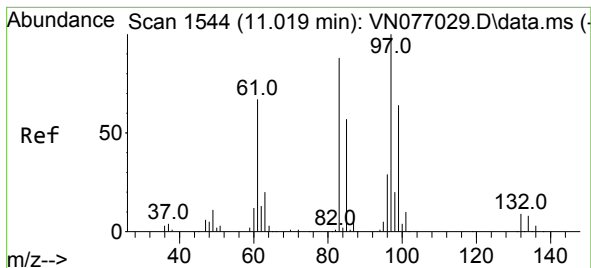
Tgt Ion: 75 Resp: 146440
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.165 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VN077102.D
 Acq: 22 Mar 2023 12:52

Tgt Ion: 75 Resp: 161692
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.5 36.7
 39 53.0 37.8 56.6





#55

1,1,2-Trichloroethane

Concen: 20.055 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. 0.000 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0322MBS01

Tgt Ion: 97 Resp: 97462

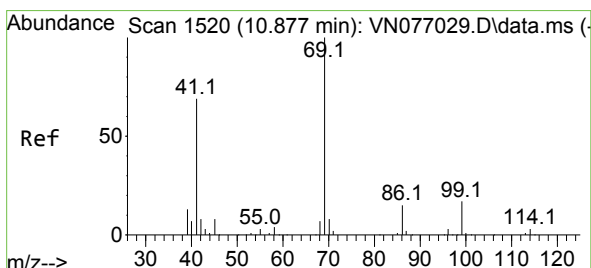
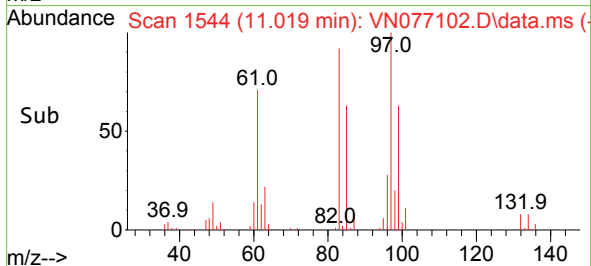
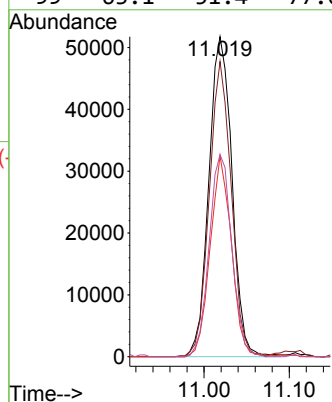
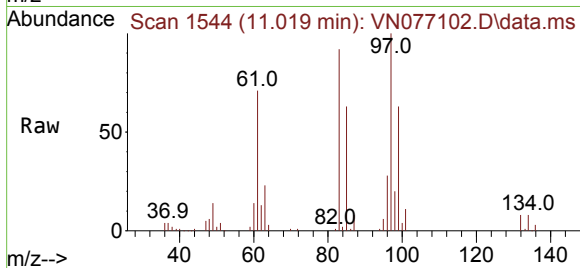
Ion Ratio Lower Upper

97 100

83 91.9 70.5 105.7

85 62.8 45.4 68.2

99 63.1 51.4 77.0



#56

Ethyl methacrylate

Concen: 20.904 ug/l

RT: 10.878 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

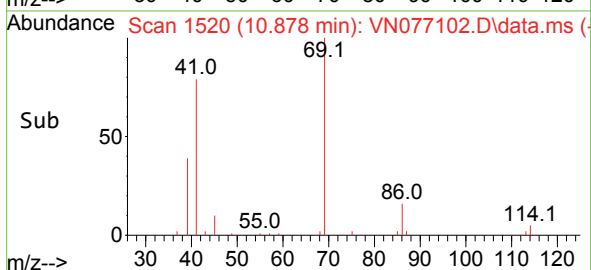
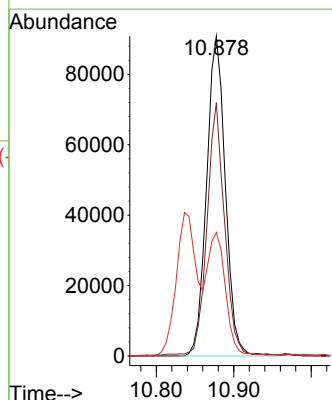
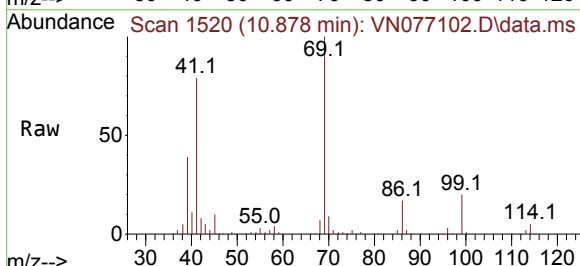
Tgt Ion: 69 Resp: 152762

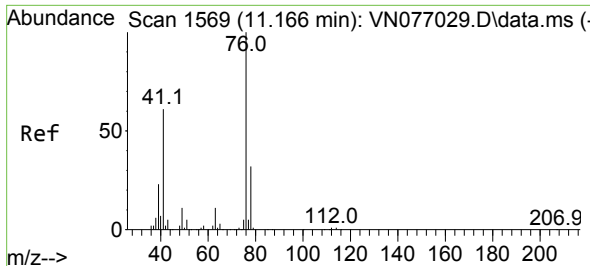
Ion Ratio Lower Upper

69 100

41 75.2 54.9 82.3

39 36.2 26.6 40.0





#57

1,3-Dichloropropane

Concen: 19.802 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

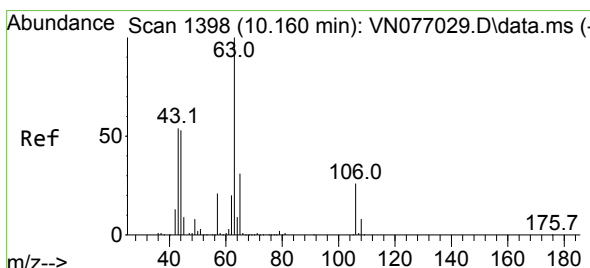
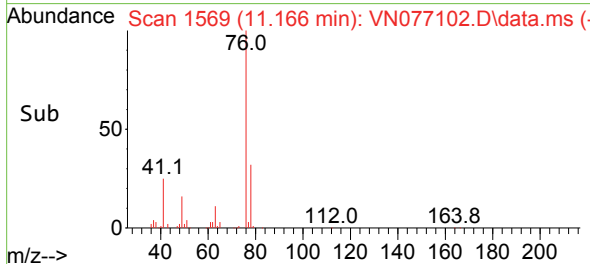
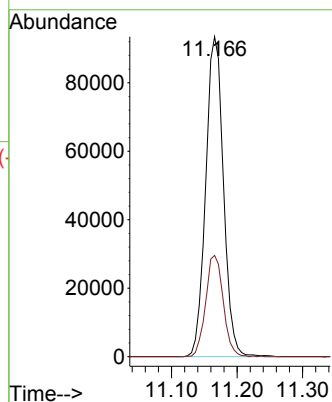
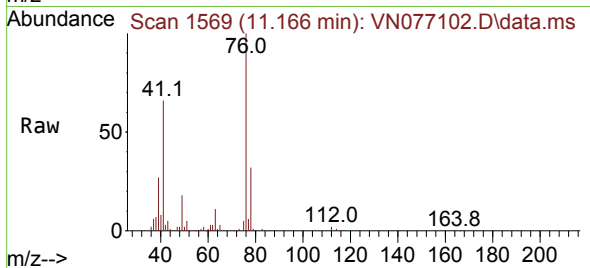
VN0322MBS01

Tgt Ion: 76 Resp: 176181

Ion Ratio Lower Upper

76 100

78 31.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 94.860 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077102.D

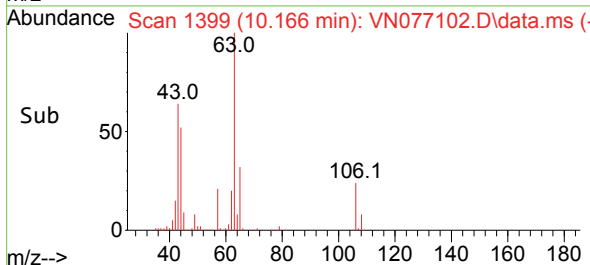
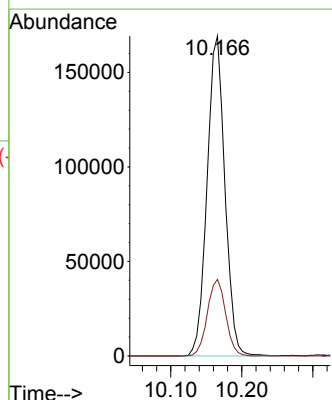
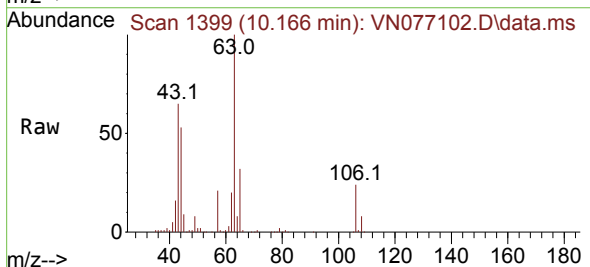
Acq: 22 Mar 2023 12:52

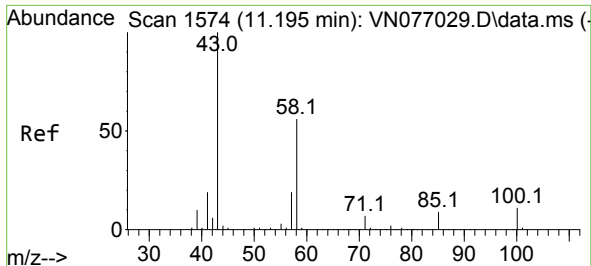
Tgt Ion: 63 Resp: 295531

Ion Ratio Lower Upper

63 100

106 24.5 20.6 31.0

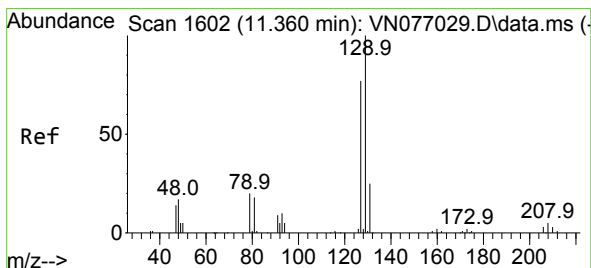
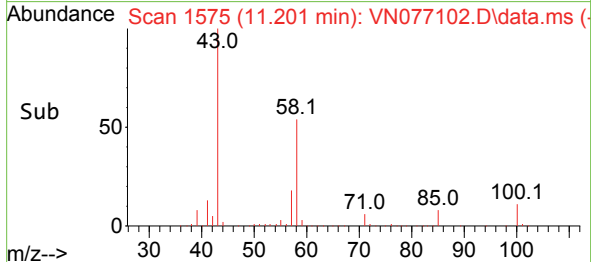
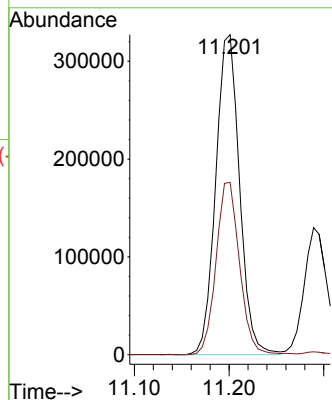
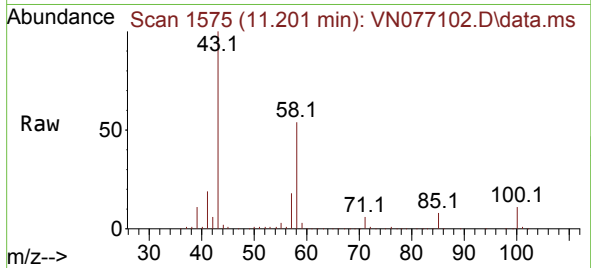




#59
2-Hexanone
Concen: 111.279 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

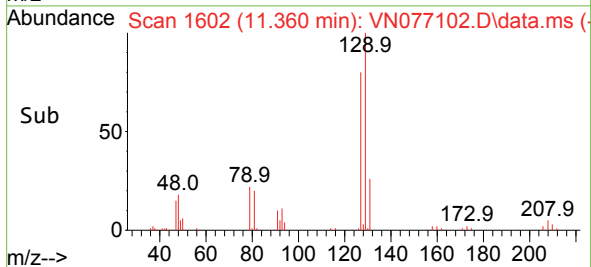
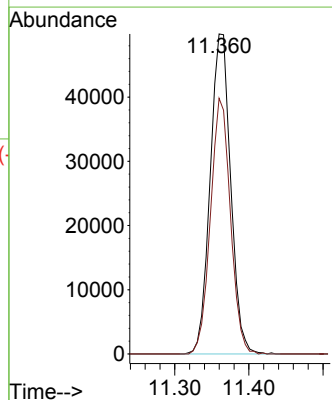
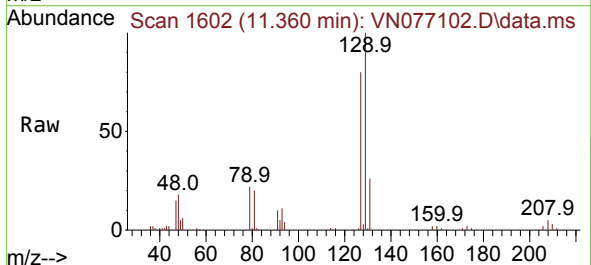
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

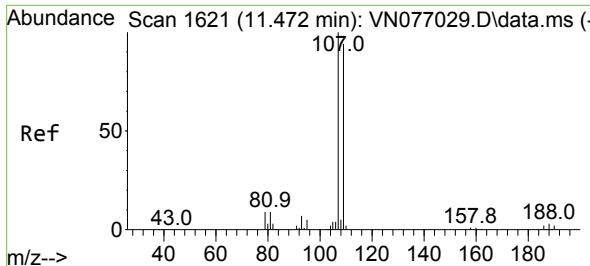
Tgt Ion: 43 Resp: 571734
Ion Ratio Lower Upper
43 100
58 53.2 27.7 83.1



#60
Dibromochloromethane
Concen: 19.601 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 129 Resp: 95683
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7

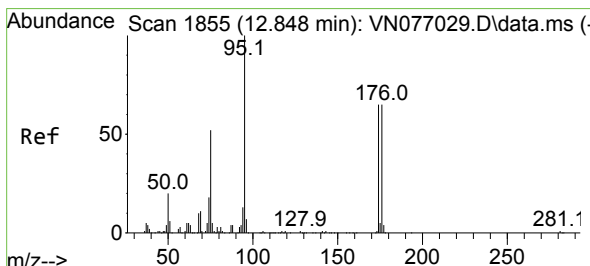
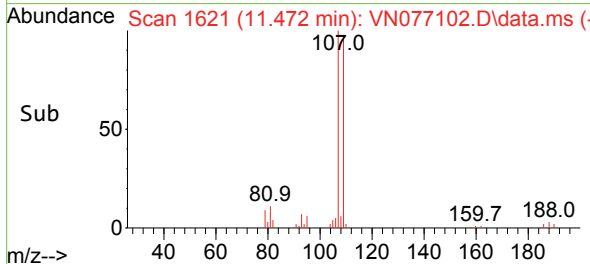
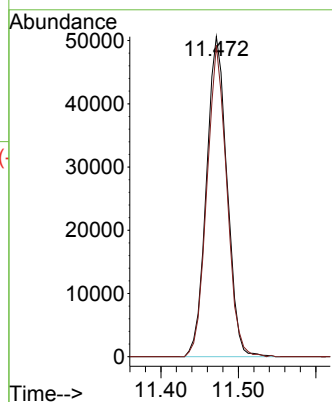
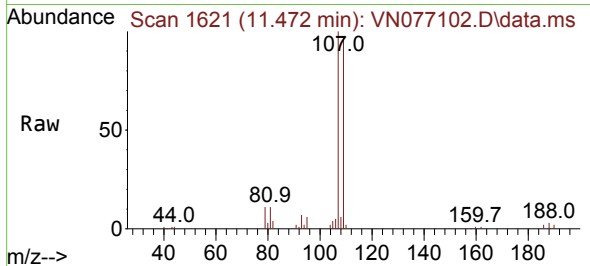




#61
1,2-Dibromoethane
Concen: 19.417 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

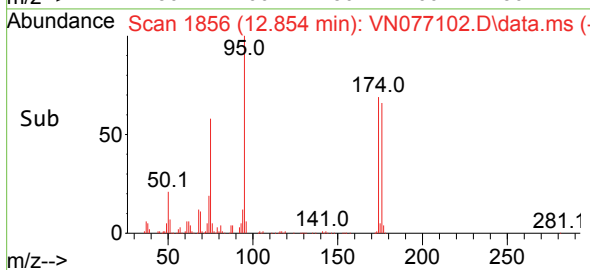
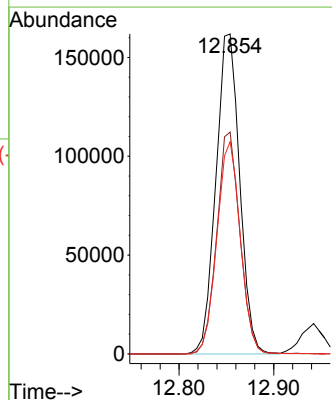
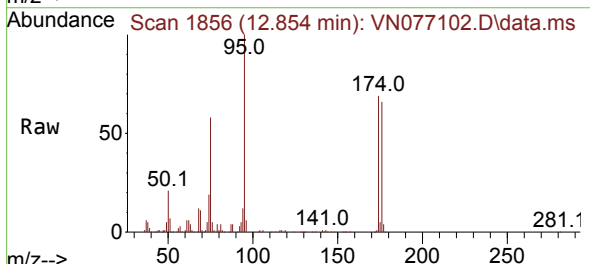
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

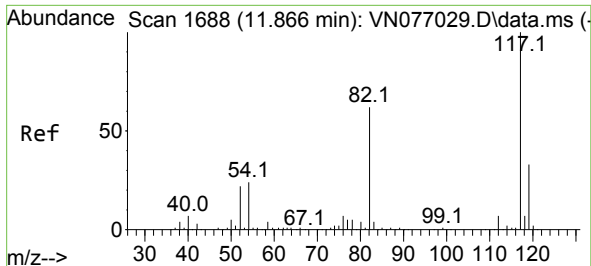
Tgt Ion:107 Resp: 93573
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.431 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 95 Resp: 282880
Ion Ratio Lower Upper
95 100
174 67.5 0.0 136.6
176 65.3 0.0 130.0

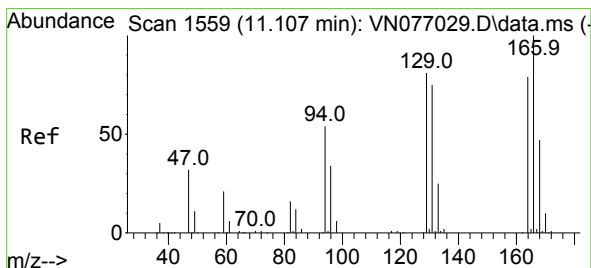
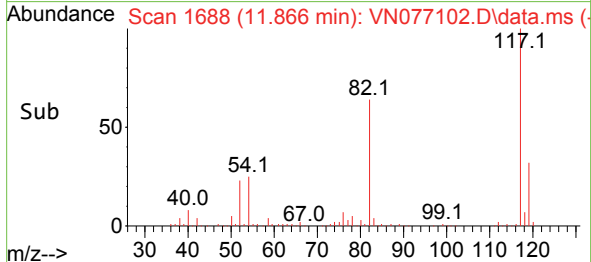
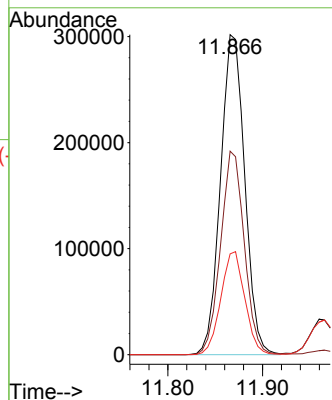
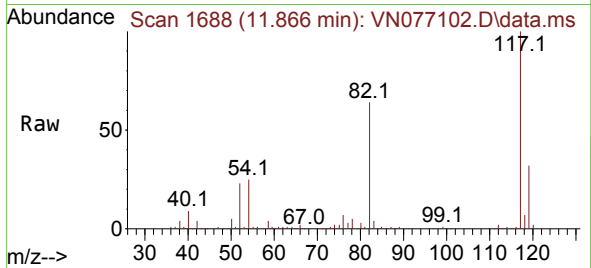




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

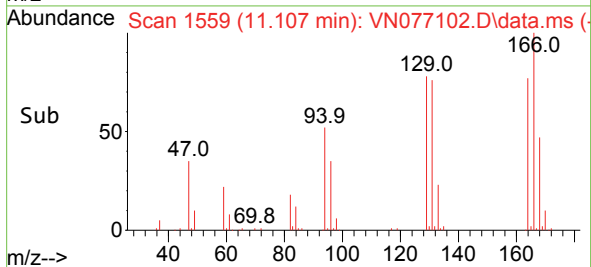
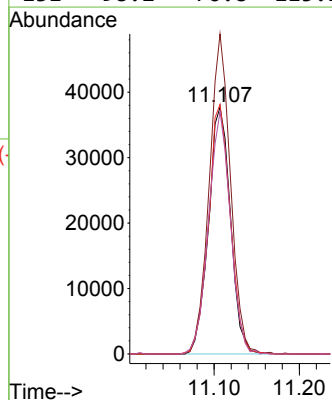
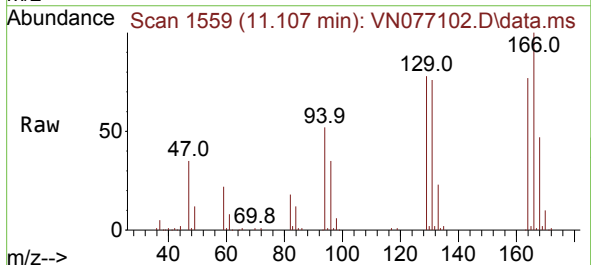
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

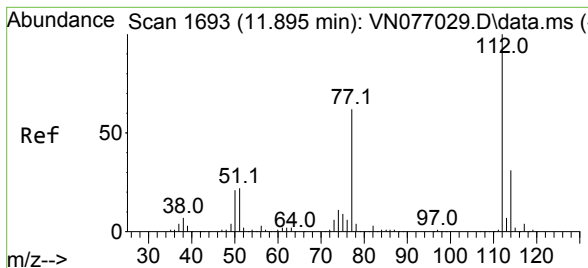
Tgt Ion:117 Resp: 537080
Ion Ratio Lower Upper
117 100
82 63.6 49.4 74.0
119 31.5 26.5 39.7



#64
Tetrachloroethene
Concen: 18.665 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion:164 Resp: 67280
Ion Ratio Lower Upper
164 100
166 129.7 101.9 152.9
129 101.2 82.6 123.8
131 98.2 76.8 115.2

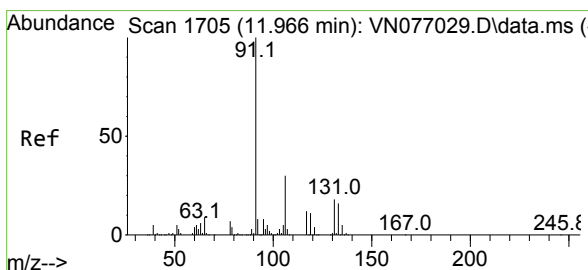
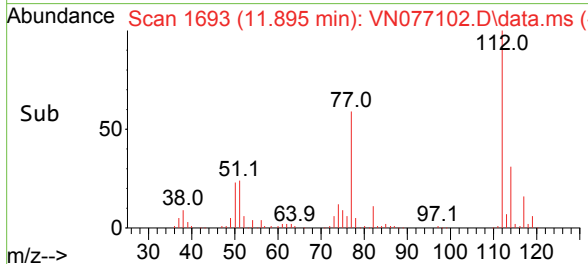
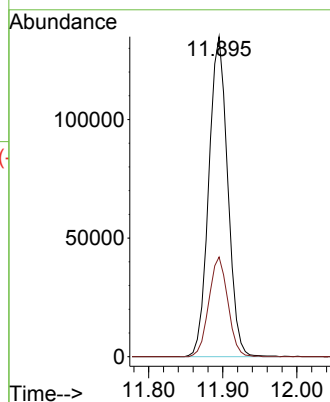
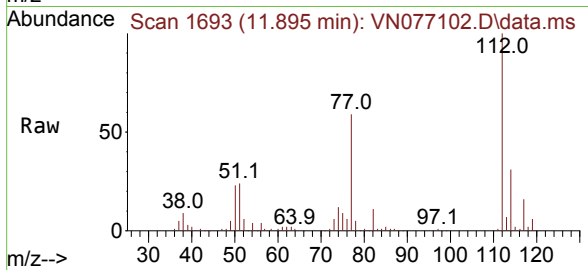




#65
Chlorobenzene
Concen: 19.373 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

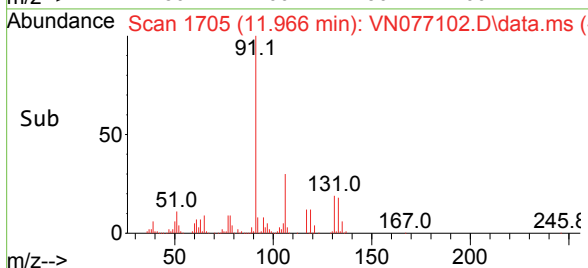
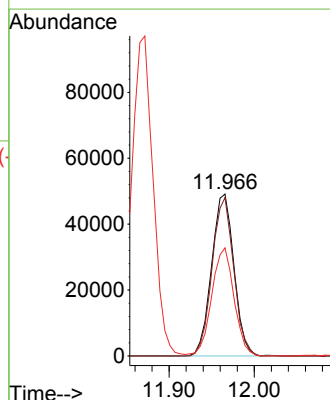
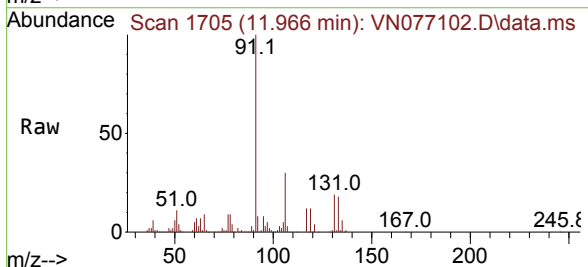
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

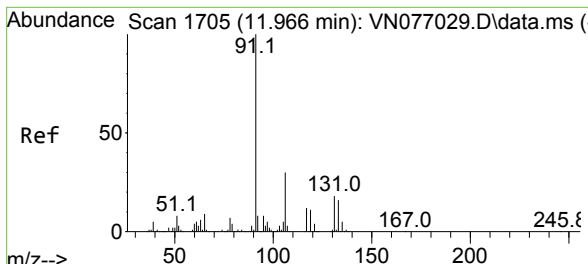
Tgt Ion:112 Resp: 239404
Ion Ratio Lower Upper
112 100
114 31.2 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.640 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion:131 Resp: 89803
Ion Ratio Lower Upper
131 100
133 94.5 46.8 140.3
119 66.5 32.6 97.8

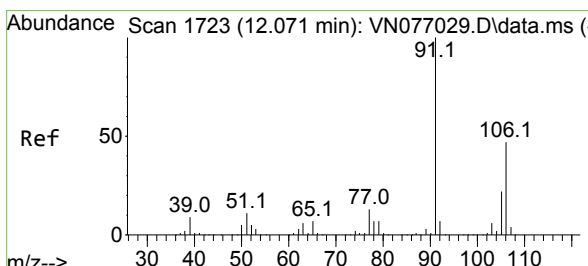
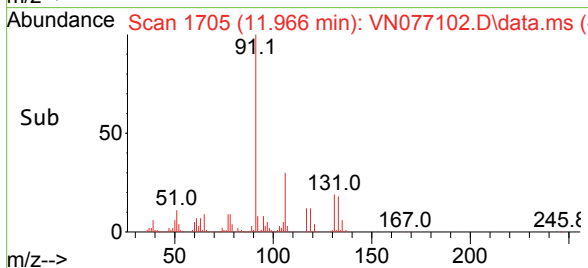
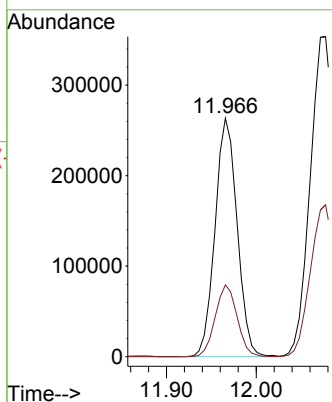
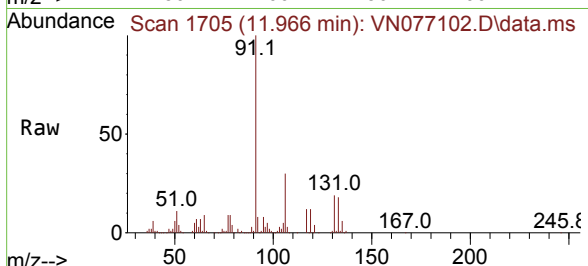




#67
Ethyl Benzene
Concen: 20.062 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

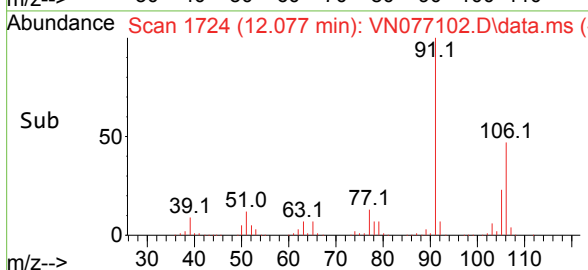
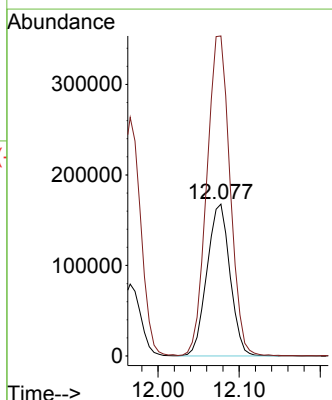
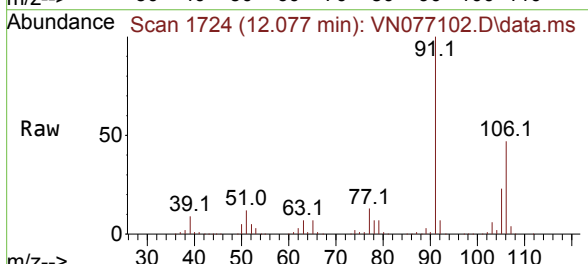
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

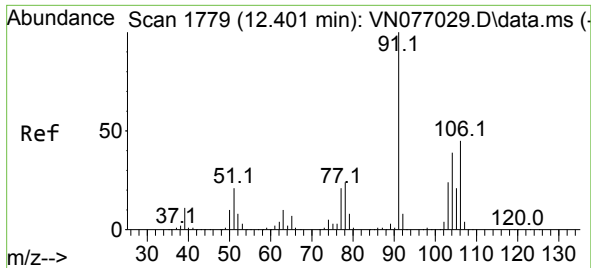
Tgt Ion: 91 Resp: 450323
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5



#68
m/p-Xylenes
Concen: 39.772 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 106 Resp: 331079
Ion Ratio Lower Upper
106 100
91 212.4 168.0 252.0

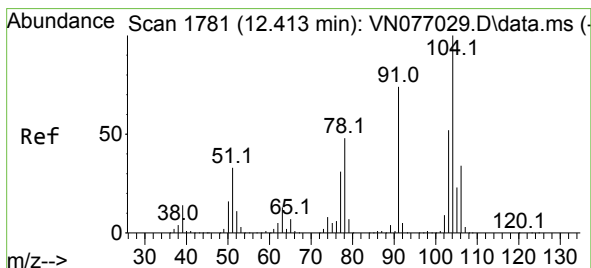
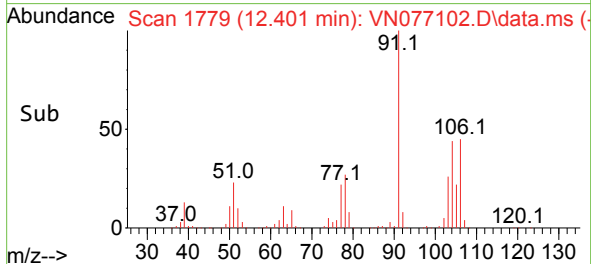
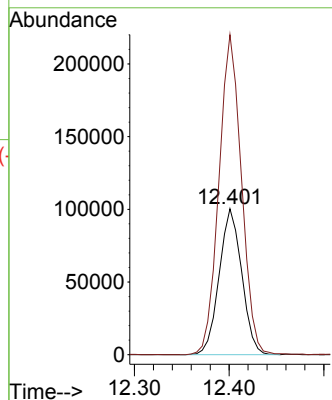
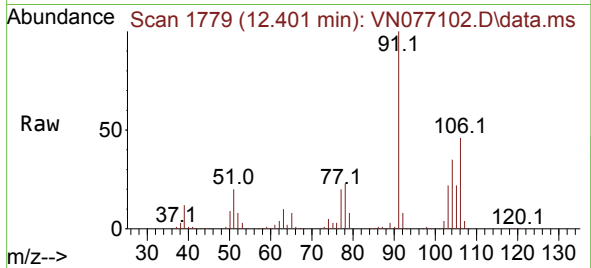




#69
o-Xylene
Concen: 20.088 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

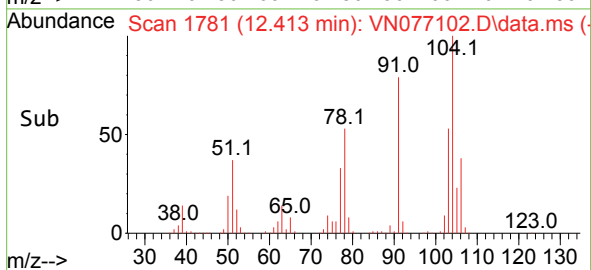
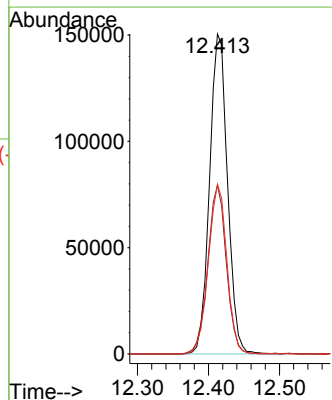
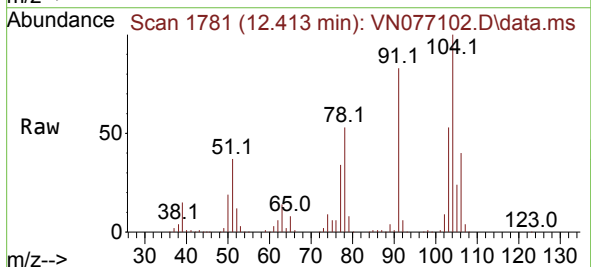
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBS01

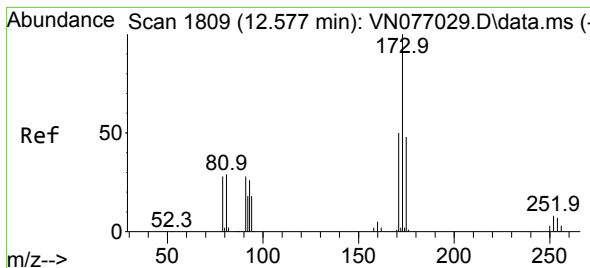
Tgt Ion:106 Resp: 166158
Ion Ratio Lower Upper
106 100
91 219.6 110.3 330.9



#70
Styrene
Concen: 20.497 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion:104 Resp: 263953
Ion Ratio Lower Upper
104 100
78 54.6 41.8 62.8
103 54.6 43.8 65.6





#71

Bromoform

Concen: 19.955 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0322MBS01

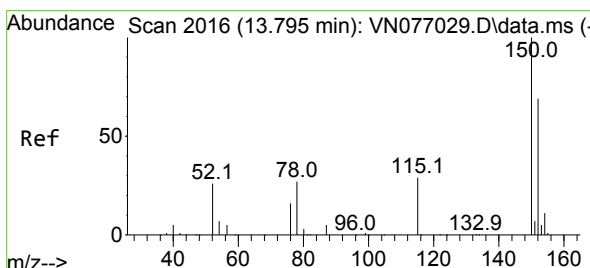
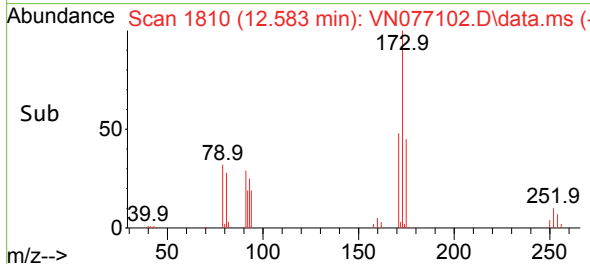
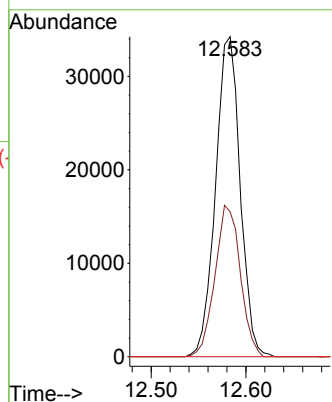
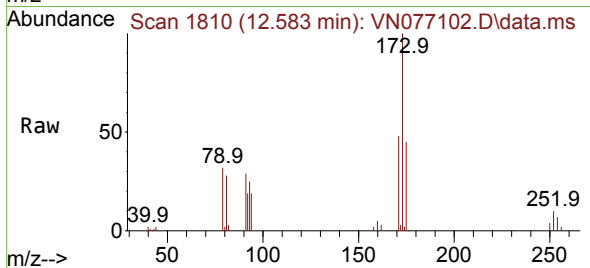
Tgt Ion:173 Resp: 61830

Ion Ratio Lower Upper

173 100

175 48.6 24.5 73.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

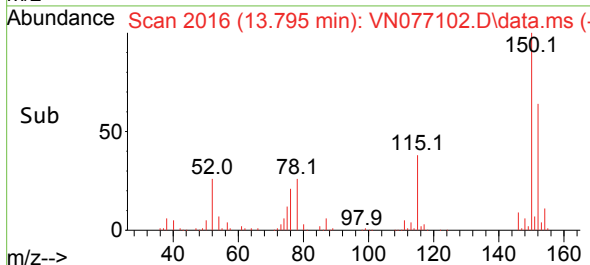
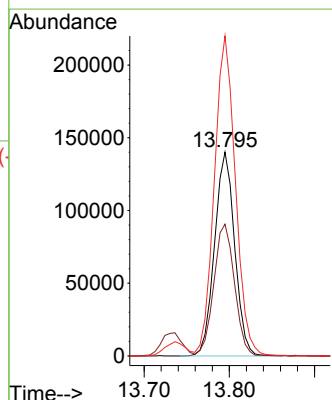
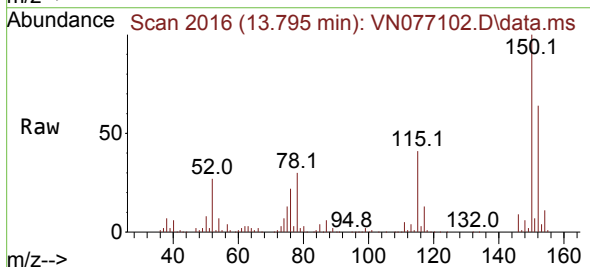
Tgt Ion:152 Resp: 229762

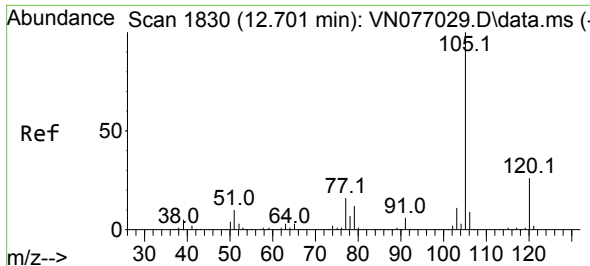
Ion Ratio Lower Upper

152 100

115 66.6 31.9 95.7

150 164.3 0.0 348.0

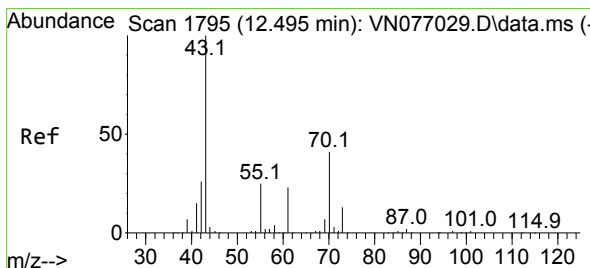
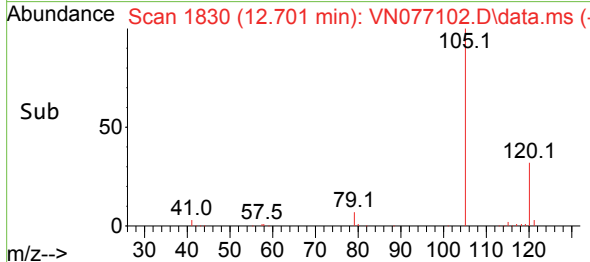
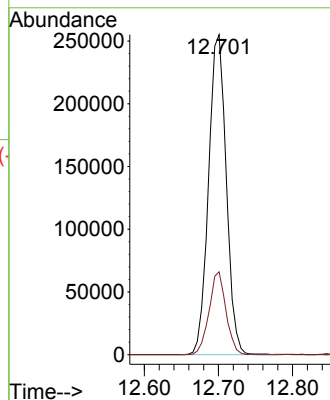
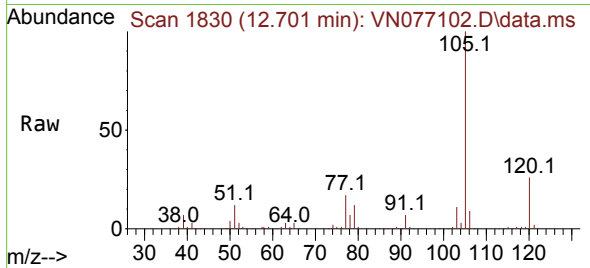




#73
Isopropylbenzene
Concen: 20.547 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

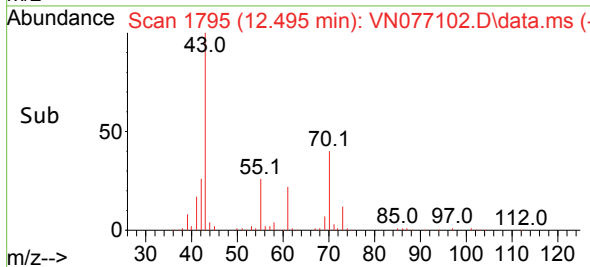
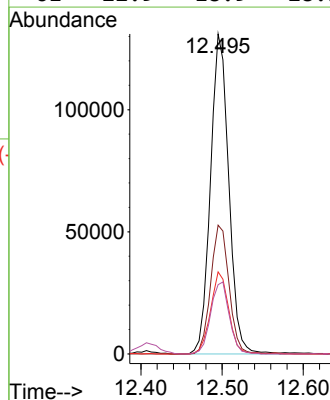
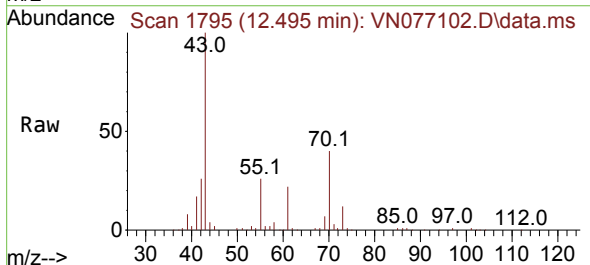
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBS01

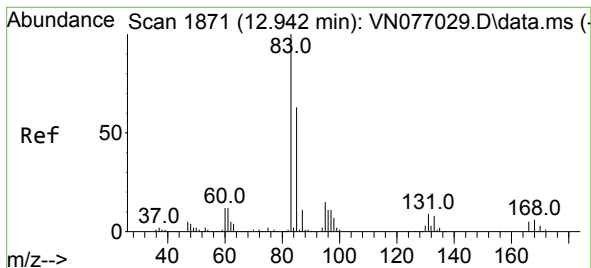
Tgt Ion:105 Resp: 423062
Ion Ratio Lower Upper
105 100
120 24.8 12.8 38.4



#74
N-ethyl acetate
Concen: 23.002 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 43 Resp: 204999
Ion Ratio Lower Upper
43 100
70 40.3 33.6 50.4
55 25.5 20.3 30.5
61 22.9 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.239 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0322MBS01

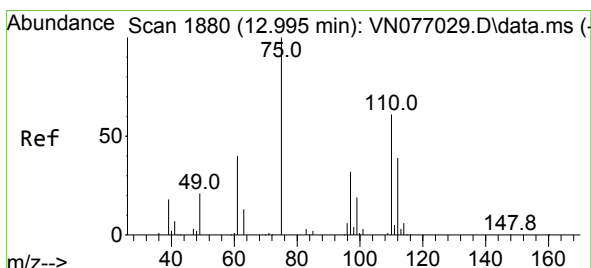
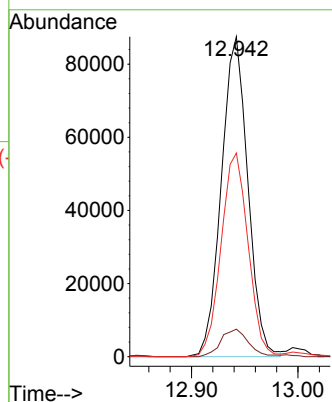
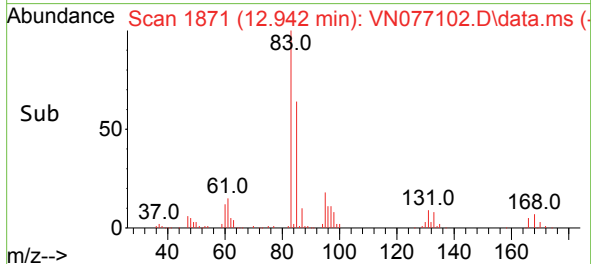
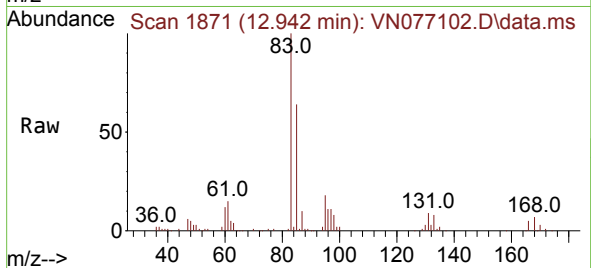
Tgt Ion: 83 Resp: 150978

Ion Ratio Lower Upper

83 100

131 9.3 4.5 13.7

85 64.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 31.931 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN077102.D

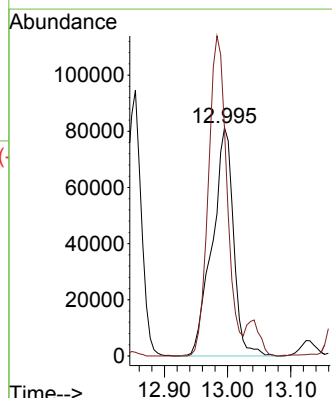
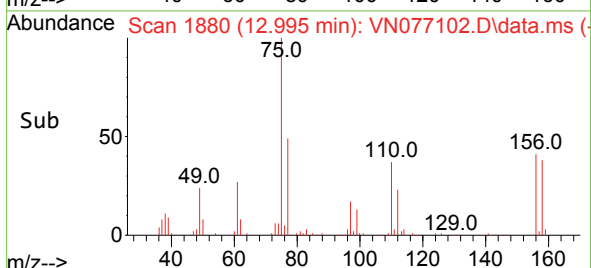
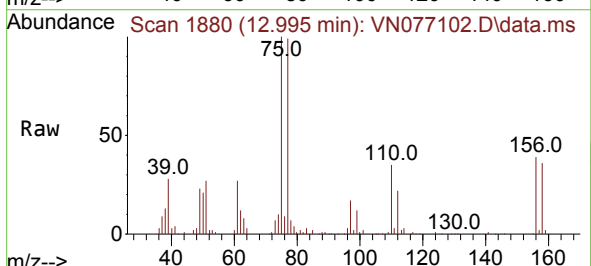
Acq: 22 Mar 2023 12:52

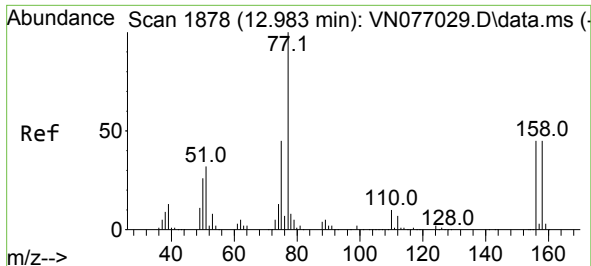
Tgt Ion: 75 Resp: 189767

Ion Ratio Lower Upper

75 100

77 122.5 107.3 322.0

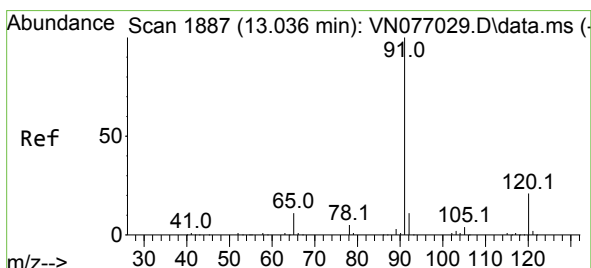
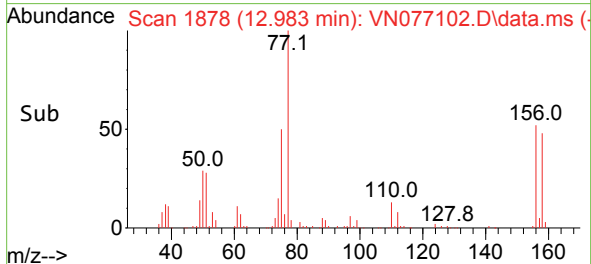
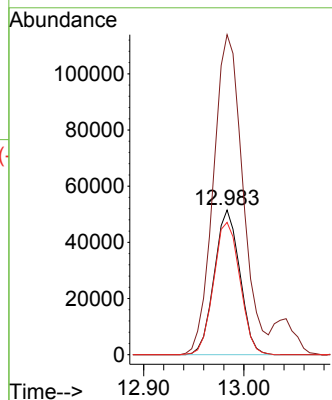
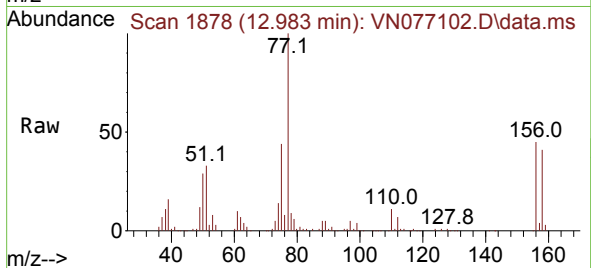




#77
Bromobenzene
Concen: 19.760 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

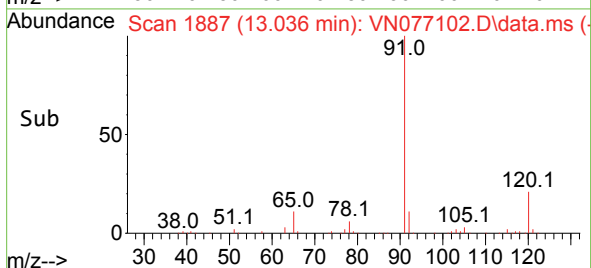
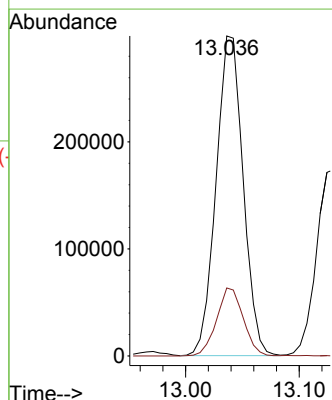
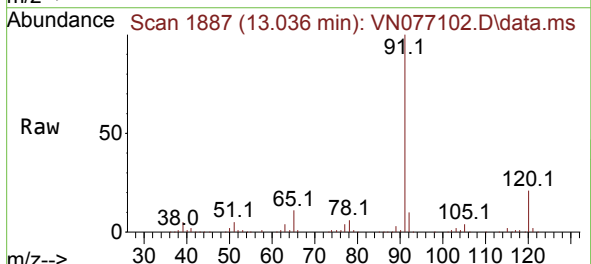
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

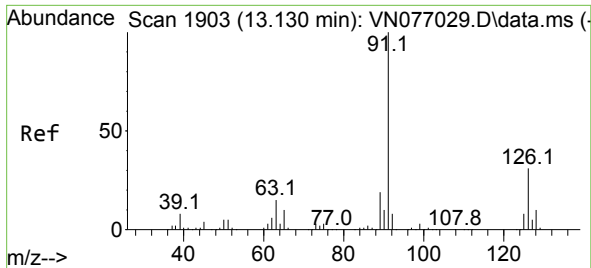
Tgt Ion:156 Resp: 91142
Ion Ratio Lower Upper
156 100
77 255.0 124.8 374.3
158 94.4 48.6 145.9



#78
n-propylbenzene
Concen: 20.812 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 91 Resp: 494704
Ion Ratio Lower Upper
91 100
120 21.0 10.8 32.3

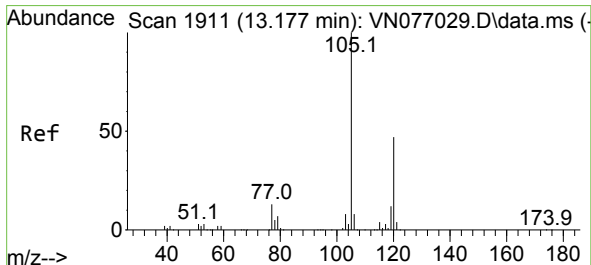
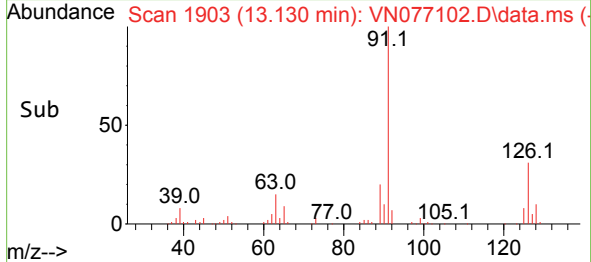
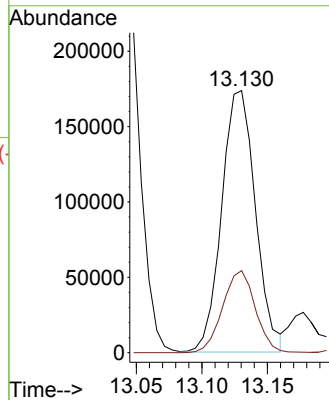
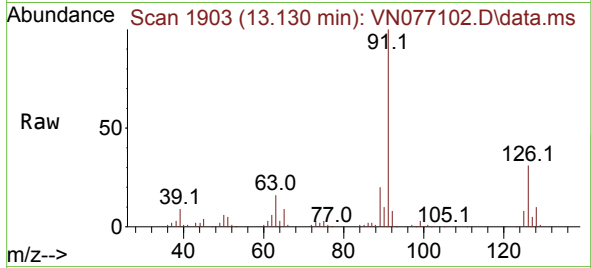




#79
2-Chlorotoluene
Concen: 20.549 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

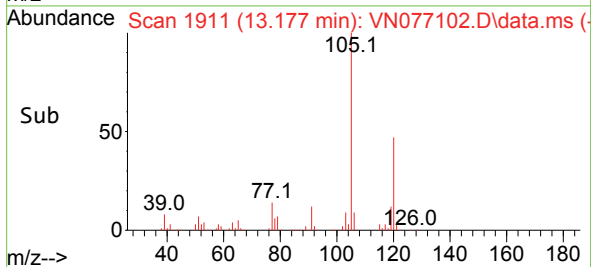
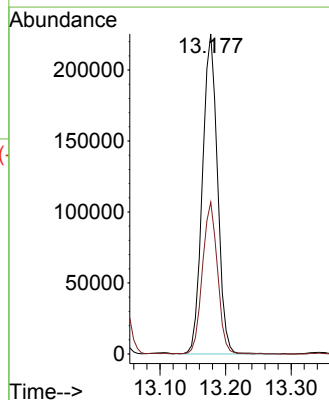
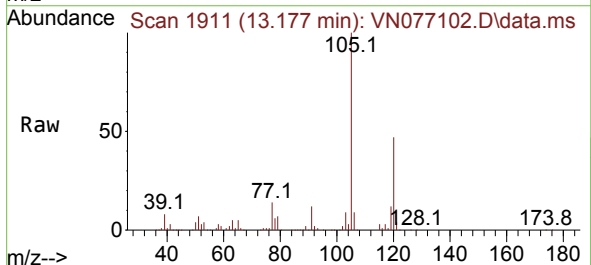
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBS01

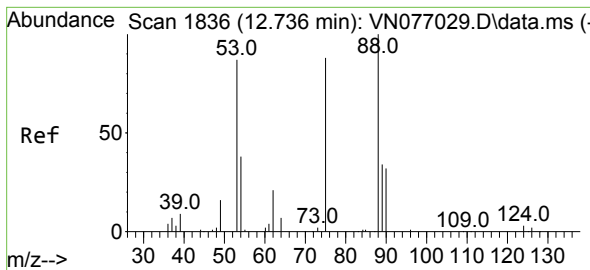
Tgt Ion: 91 Resp: 311240
Ion Ratio Lower Upper
91 100
126 30.4 15.2 45.5



#80
1,3,5-Trimethylbenzene
Concen: 21.011 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 105 Resp: 361208
Ion Ratio Lower Upper
105 100
120 47.3 23.4 70.2

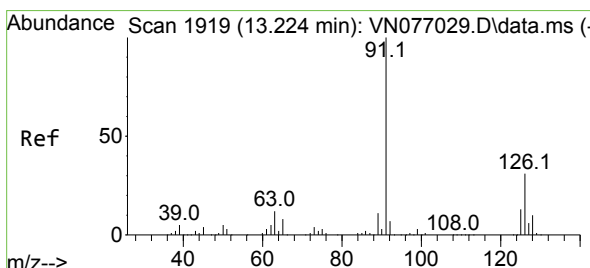
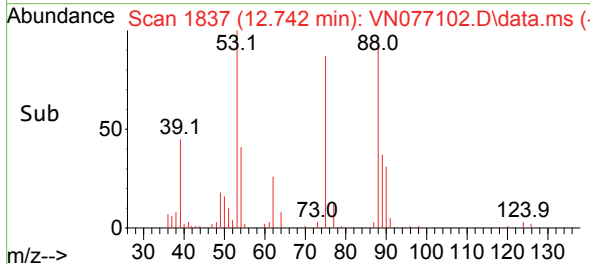
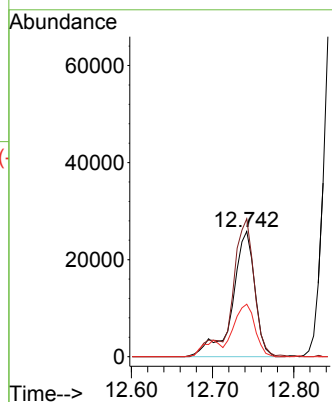
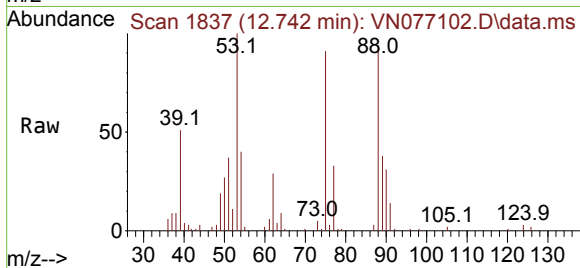




#81
trans-1,4-Dichloro-2-butene
Concen: 22.783 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

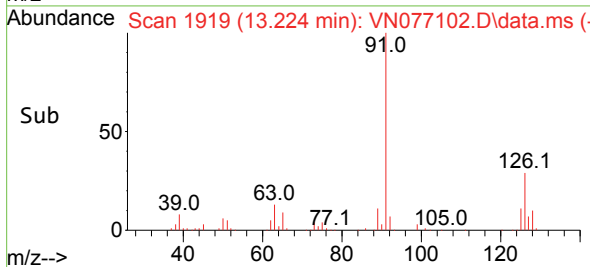
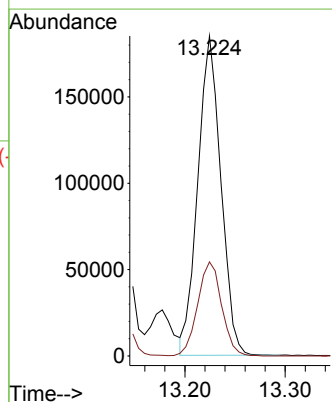
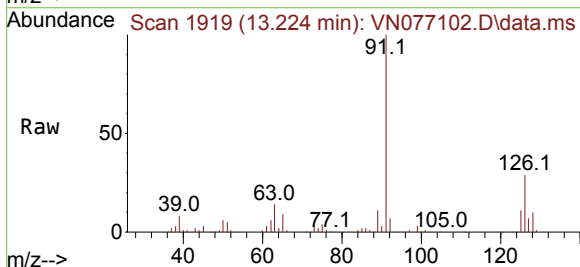
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

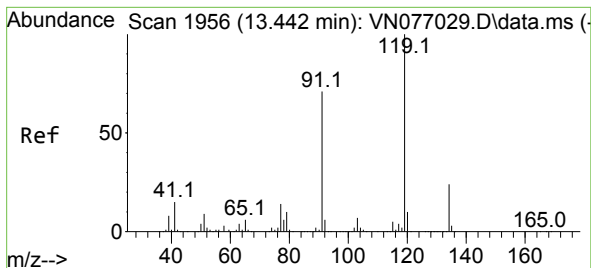
Tgt Ion: 75 Resp: 49191
Ion Ratio Lower Upper
75 100
53 109.2 80.8 121.2
89 39.7 34.2 51.4



#82
4-Chlorotoluene
Concen: 20.526 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 91 Resp: 295629
Ion Ratio Lower Upper
91 100
126 30.7 15.5 46.5

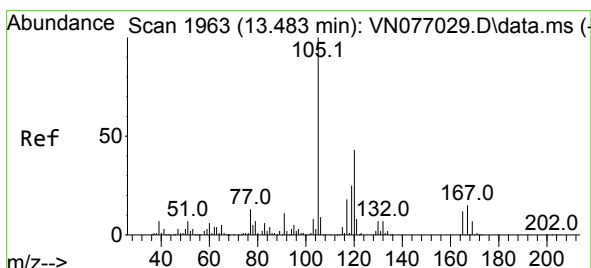
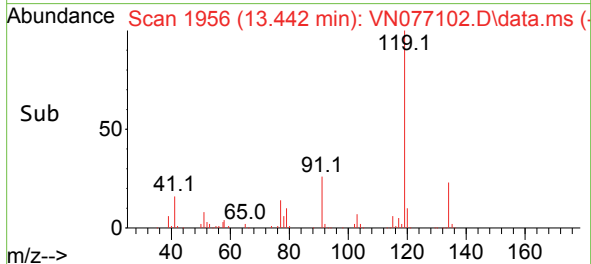
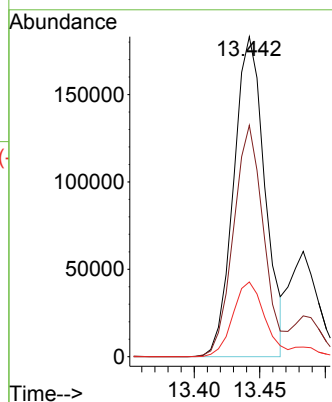
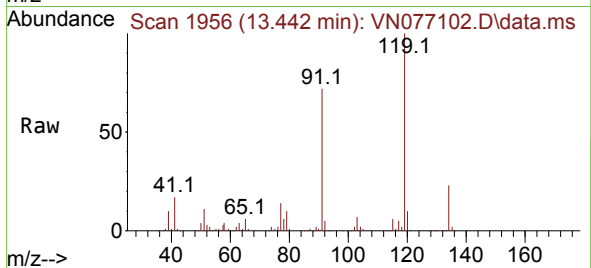




#83
tert-Butylbenzene
Concen: 21.036 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

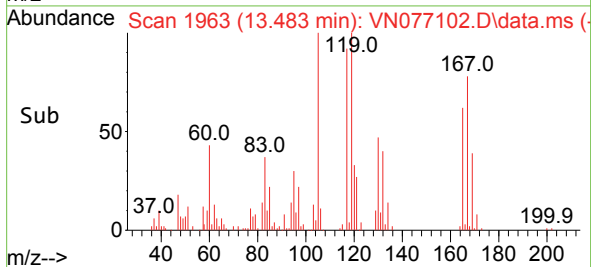
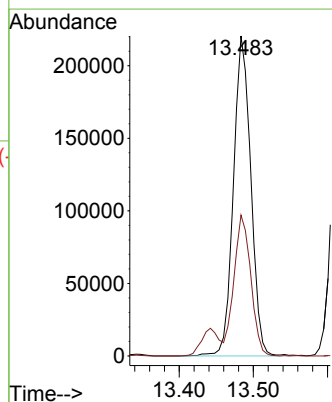
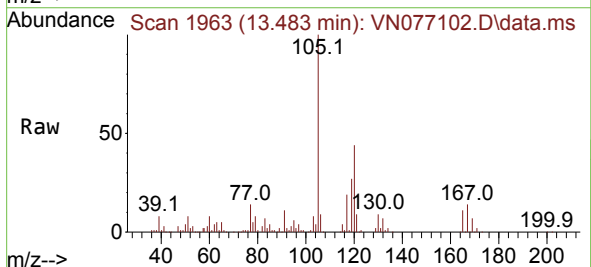
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

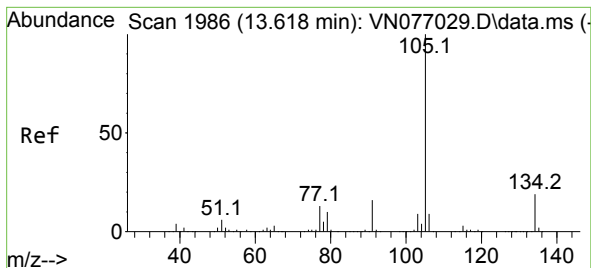
Tgt Ion:119 Resp: 303635
Ion Ratio Lower Upper
119 100
91 70.8 35.8 107.3
134 23.9 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 20.910 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion:105 Resp: 358719
Ion Ratio Lower Upper
105 100
120 42.7 21.8 65.3





#85

sec-Butylbenzene

Concen: 20.720 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

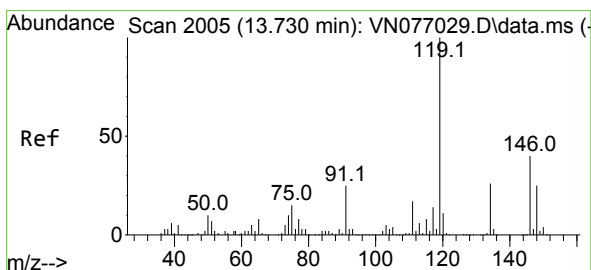
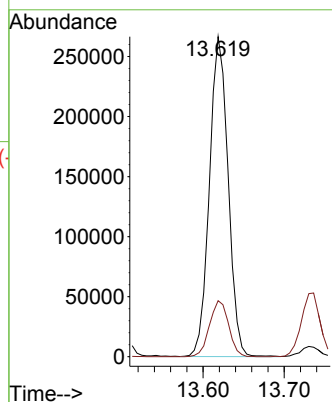
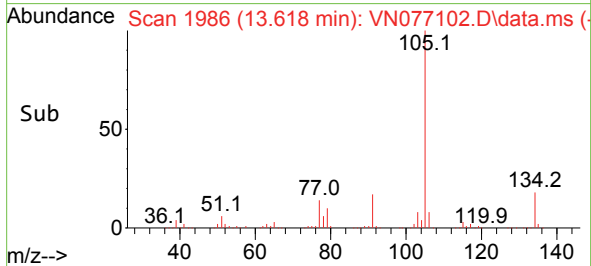
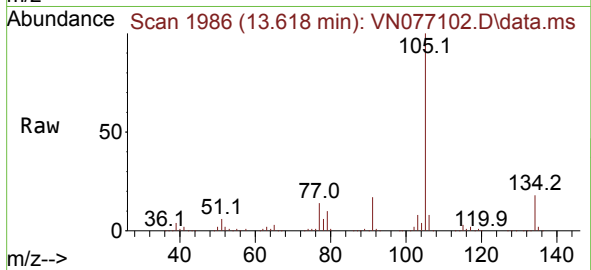
VN0322MBS01

Tgt Ion:105 Resp: 425425

Ion Ratio Lower Upper

105 100

134 17.9 9.3 27.9



#86

p-Isopropyltoluene

Concen: 20.222 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

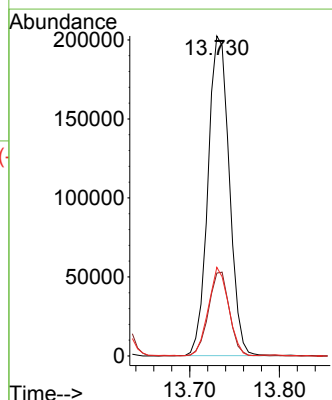
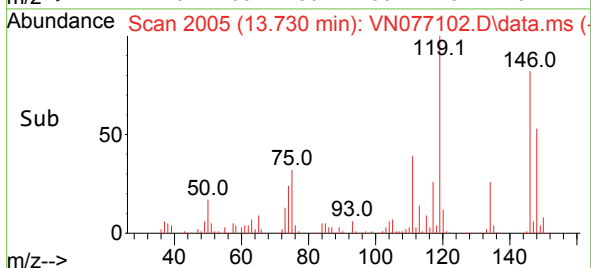
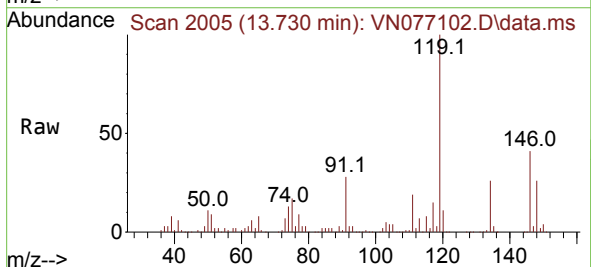
Tgt Ion:119 Resp: 333432

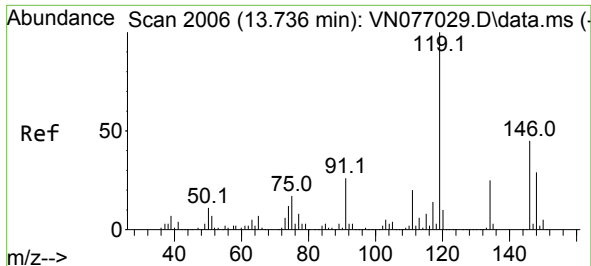
Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.4

91 26.4 12.7 38.1

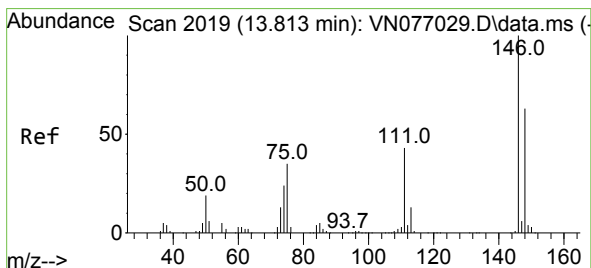
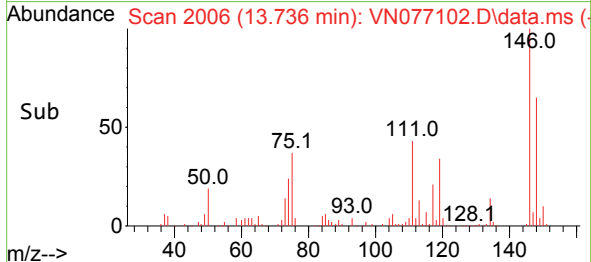
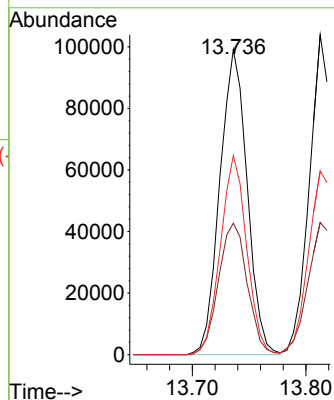
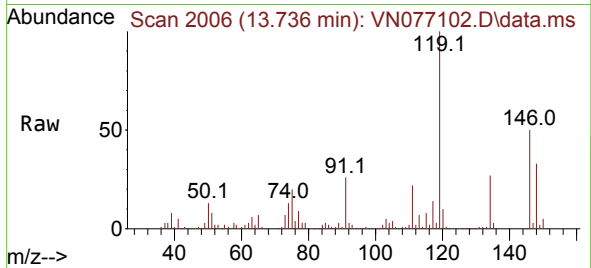




#87
 1,3-Dichlorobenzene
 Concen: 18.975 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077102.D
 Acq: 22 Mar 2023 12:52

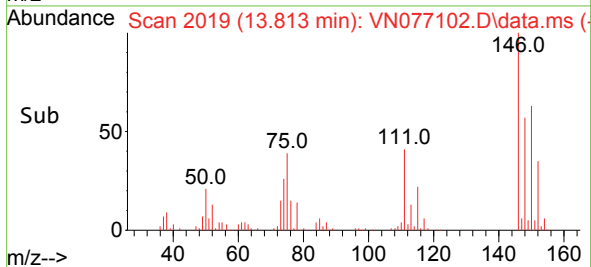
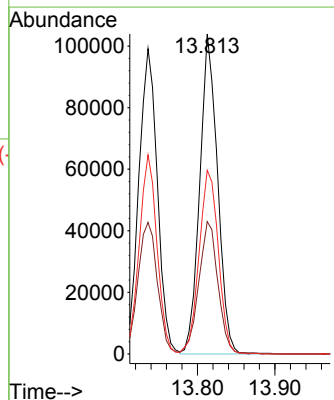
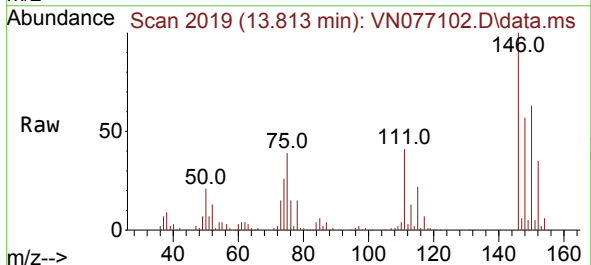
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322MBSD01

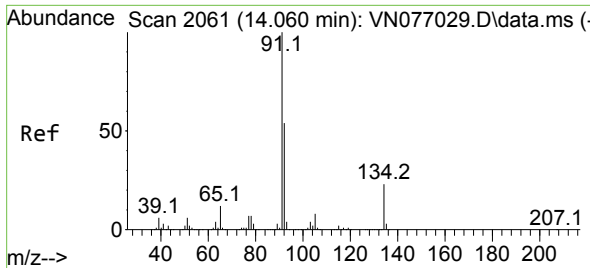
Tgt Ion:146 Resp: 165420
 Ion Ratio Lower Upper
 146 100
 111 45.5 21.9 65.5
 148 62.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.138 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077102.D
 Acq: 22 Mar 2023 12:52

Tgt Ion:146 Resp: 165995
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.5 64.5
 148 61.9 31.9 95.9

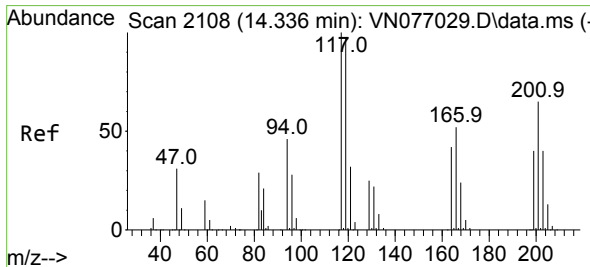
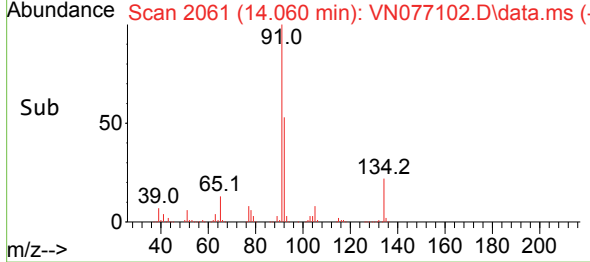
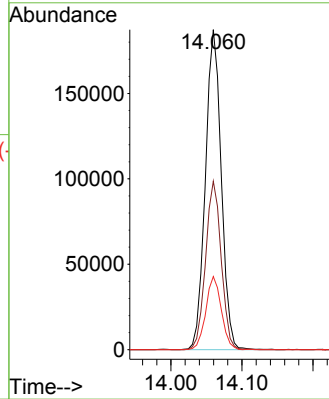
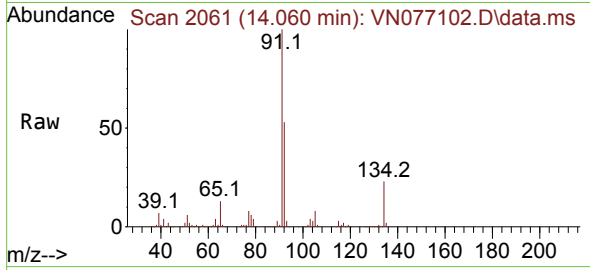




#89
n-Butylbenzene
Concen: 20.161 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

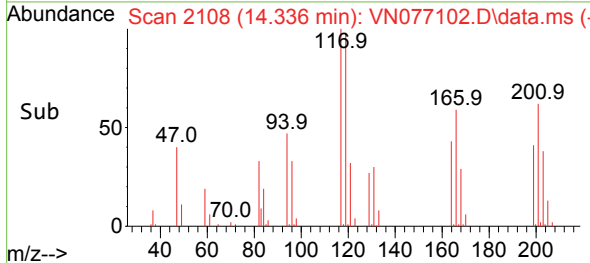
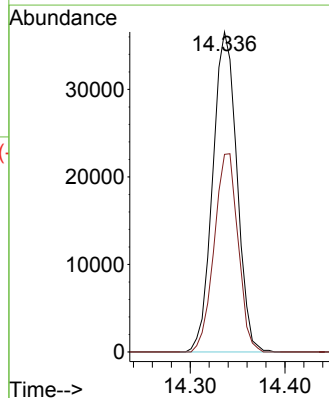
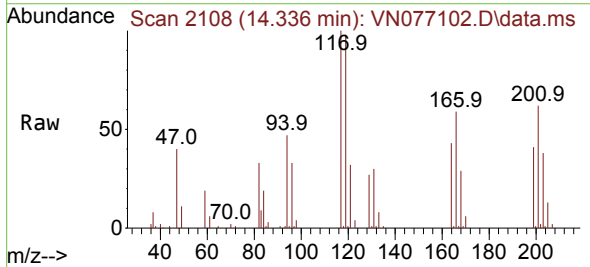
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

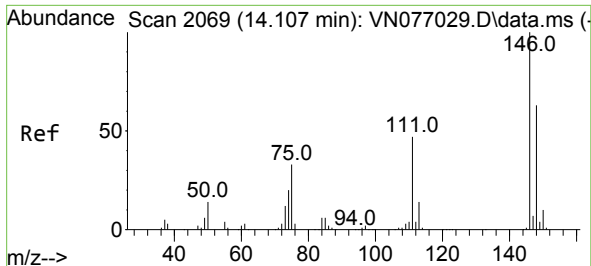
Tgt Ion: 91 Resp: 291630
Ion Ratio Lower Upper
91 100
92 51.8 26.5 79.5
134 22.4 11.7 35.1



#90
Hexachloroethane
Concen: 19.349 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 117 Resp: 64865
Ion Ratio Lower Upper
117 100
201 61.3 32.5 97.4

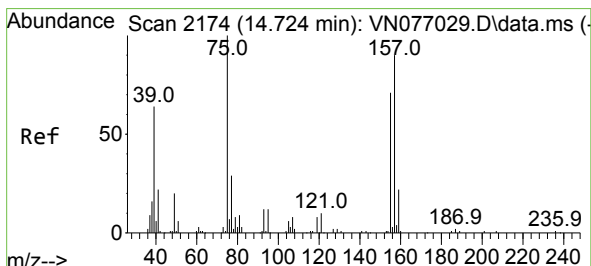
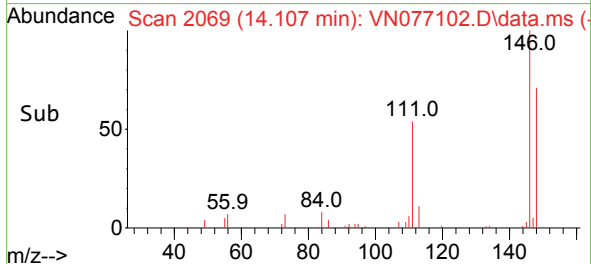
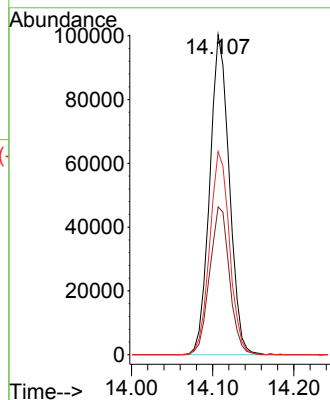
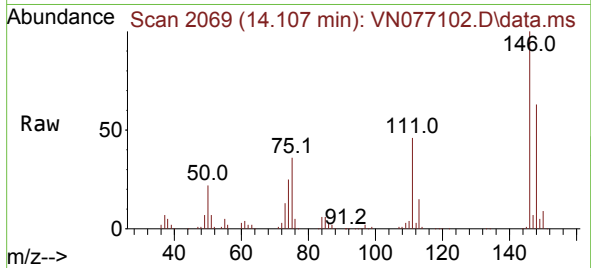




#91
1,2-Dichlorobenzene
Concen: 19.307 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

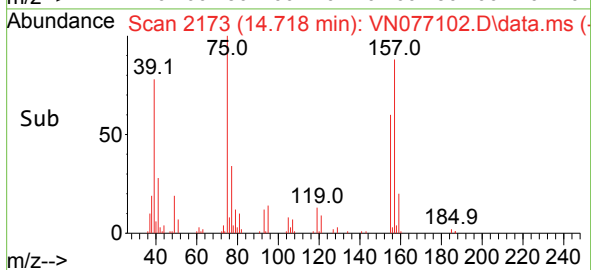
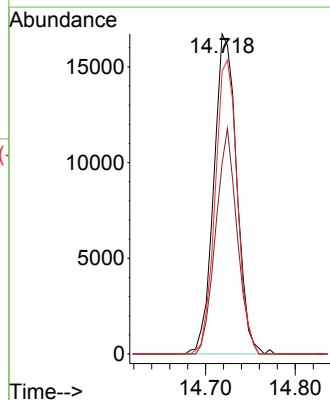
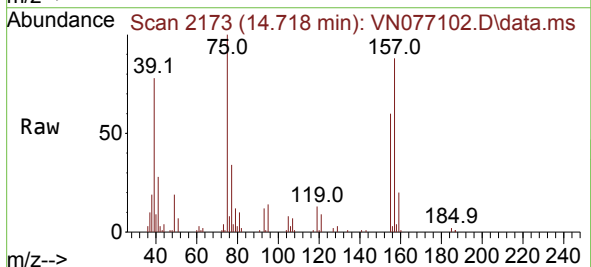
Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

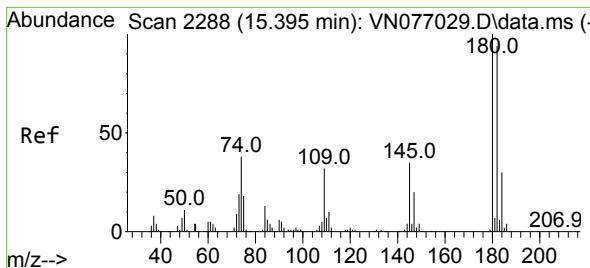
Tgt Ion:146 Resp: 167770
Ion Ratio Lower Upper
146 100
111 46.8 22.6 67.7
148 64.4 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.425 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion: 75 Resp: 29615
Ion Ratio Lower Upper
75 100
155 65.7 36.1 108.3
157 88.8 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 19.244 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN0322MBSD01

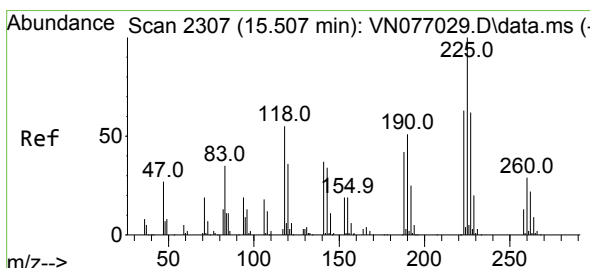
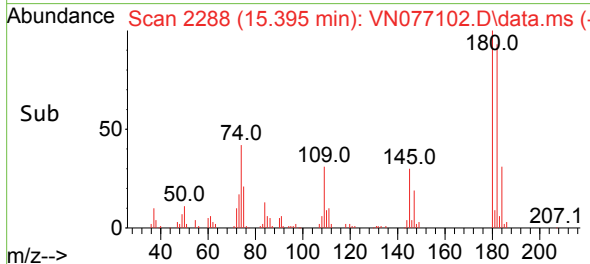
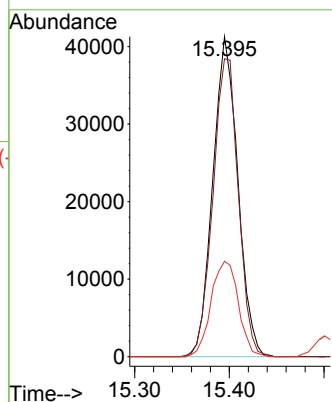
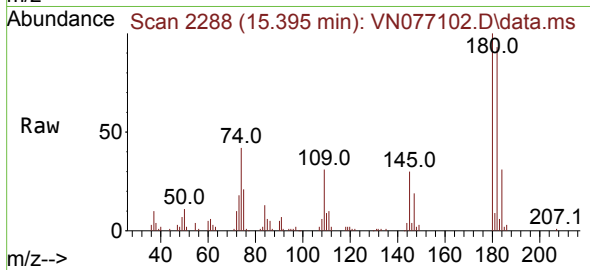
Tgt Ion:180 Resp: 75594

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 32.6 16.9 50.7



#94

Hexachlorobutadiene

Concen: 18.818 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN077102.D

Acq: 22 Mar 2023 12:52

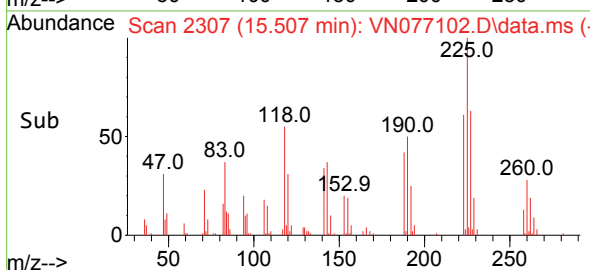
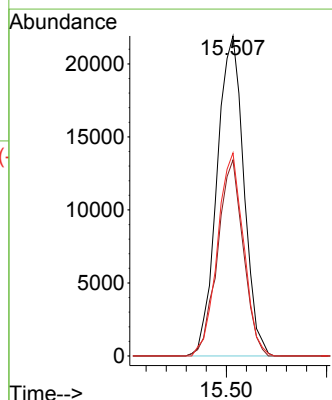
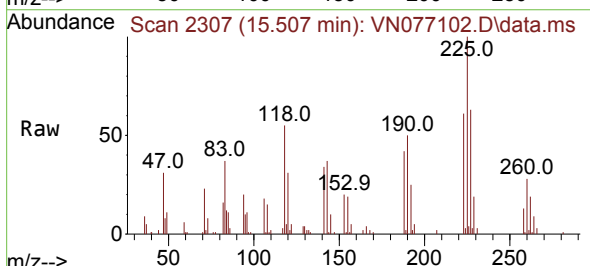
Tgt Ion:225 Resp: 40710

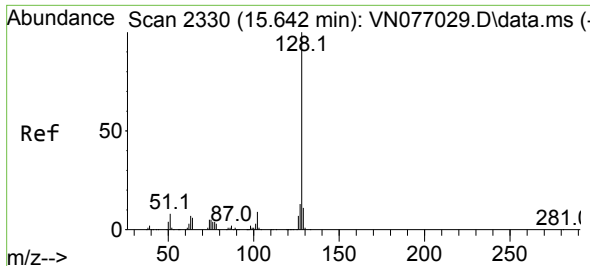
Ion Ratio Lower Upper

225 100

223 58.8 31.6 95.0

227 61.7 31.3 93.8

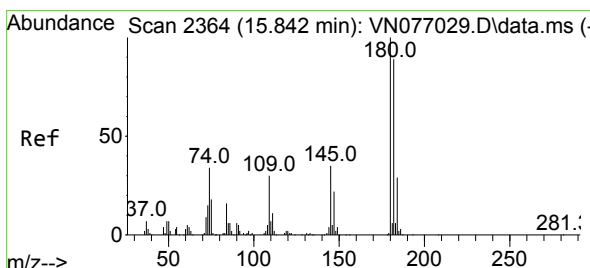
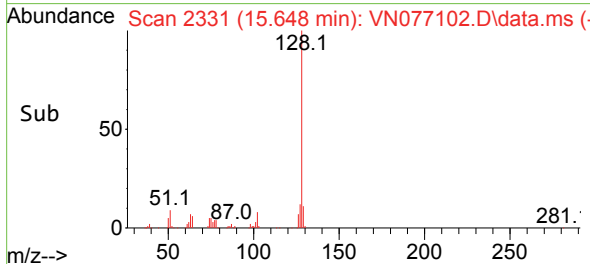
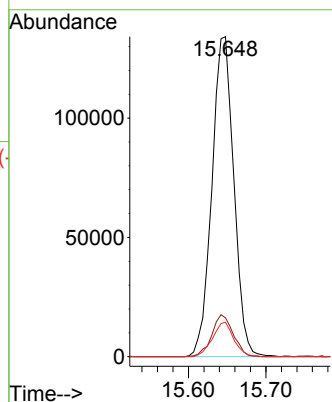
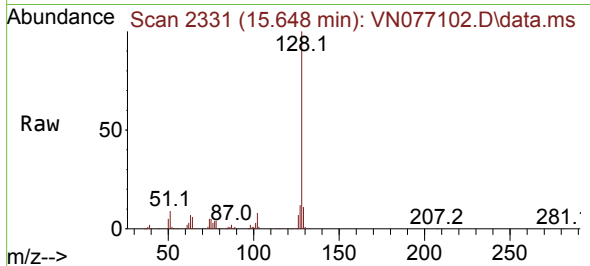




#95
Naphthalene
Concen: 18.526 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN0322MBSD01

Tgt Ion:128 Resp: 263697
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.428 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077102.D
Acq: 22 Mar 2023 12:52

Tgt Ion:180 Resp: 76577
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.2
145 35.9 17.9 53.8

