

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077037.D
 Acq On : 17 Mar 2023 16:42
 Operator : JC\MD
 Sample : VN0317WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBS01

Quant Time: Mar 18 02:30:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	375125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	669152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	592705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	260658	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	266132	44.415	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.820%
35) Dibromofluoromethane	8.172	113	202120	43.131	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.260%
50) Toluene-d8	10.572	98	757984	45.281	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.560%
62) 4-Bromofluorobenzene	12.854	95	270138	45.669	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	70946	19.292	ug/l	98
3) Chloromethane	2.378	50	59270	15.682	ug/l	94
4) Vinyl Chloride	2.525	62	72167	17.690	ug/l	94
5) Bromomethane	2.972	94	52830	19.172	ug/l	100
6) Chloroethane	3.131	64	45046	17.450	ug/l	97
7) Trichlorofluoromethane	3.507	101	163578	18.638	ug/l	95
8) Diethyl Ether	3.978	74	61898	18.740	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	91385	18.356	ug/l	100
10) Methyl Iodide	4.601	142	104223	18.587	ug/l	95
11) Tert butyl alcohol	5.537	59	87510	100.225	ug/l	98
12) 1,1-Dichloroethene	4.354	96	84545	18.564	ug/l	98
13) Acrolein	4.195	56	114983	106.471	ug/l	98
14) Allyl chloride	5.037	41	157388	18.877	ug/l	99
15) Acrylonitrile	5.731	53	283607	96.620	ug/l	99
16) Acetone	4.442	43	250091	93.671	ug/l	99
17) Carbon Disulfide	4.725	76	235088	17.703	ug/l	99
18) Methyl Acetate	5.037	43	193165	19.186	ug/l	99
19) Methyl tert-butyl Ether	5.813	73	311630	19.065	ug/l	98
20) Methylene Chloride	5.289	84	109445	18.888	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	91089	18.453	ug/l	96
22) Diisopropyl ether	6.684	45	358852	19.644	ug/l	99
23) Vinyl Acetate	6.613	43	1143276	99.178	ug/l	99
24) 1,1-Dichloroethane	6.584	63	194436	18.601	ug/l	99
25) 2-Butanone	7.489	43	381429	97.661	ug/l	99
26) 2,2-Dichloropropane	7.501	77	148029	18.821	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	110017	19.460	ug/l	98
28) Bromochloromethane	7.825	49	78351	17.260	ug/l	99
29) Tetrahydrofuran	7.848	42	254756	100.659	ug/l	100
30) Chloroform	7.972	83	192317	18.955	ug/l	95
31) Cyclohexane	8.266	56	188591	19.237	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	159357	18.377	ug/l	99
36) 1,1-Dichloropropene	8.378	75	144220	19.704	ug/l	99
37) Ethyl Acetate	7.572	43	155509	19.857	ug/l	98
38) Carbon Tetrachloride	8.372	117	133978	18.793	ug/l	99
39) Methylcyclohexane	9.607	83	167925	19.601	ug/l	99
40) Benzene	8.613	78	424589	19.127	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	84265	20.427	ug/l	95
42) 1,2-Dichloroethane	8.678	62	150932	18.816	ug/l	99
43) Isopropyl Acetate	8.695	43	242351	19.810	ug/l	100
44) Trichloroethene	9.360	130	92906	18.221	ug/l	97
45) 1,2-Dichloropropane	9.624	63	113543	19.259	ug/l	97
46) Dibromomethane	9.713	93	70440	18.945	ug/l	98
47) Bromodichloromethane	9.889	83	147689	18.939	ug/l	97
48) Methyl methacrylate	9.683	41	117760	20.135	ug/l	99
49) 1,4-Dioxane	9.701	88	42379	424.251	ug/l	95
51) 4-Methyl-2-Pentanone	10.448	43	775242	101.762	ug/l	100
52) Toluene	10.636	92	265078	20.000	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	148118	19.379	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	166734	19.334	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	100713	19.270	ug/l	97
56) Ethyl methacrylate	10.877	69	156857	19.959	ug/l	99
57) 1,3-Dichloropropane	11.166	76	181326	18.950	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	334352	99.791	ug/l	100
59) 2-Hexanone	11.201	43	557979	100.982	ug/l	98
60) Dibromochloromethane	11.360	129	99874	19.024	ug/l	98
61) 1,2-Dibromoethane	11.471	107	96278	18.576	ug/l	99
64) Tetrachloroethene	11.107	164	76340	19.191	ug/l	94
65) Chlorobenzene	11.895	112	256855	18.835	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	93565	18.542	ug/l	98
67) Ethyl Benzene	11.966	91	480622	19.403	ug/l	100
68) m/p-Xylenes	12.077	106	364387	39.665	ug/l	100
69) o-Xylene	12.401	106	180690	19.795	ug/l	99
70) Styrene	12.418	104	286102	20.132	ug/l	99
71) Bromoform	12.583	173	64806	18.953	ug/l #	100
73) Isopropylbenzene	12.701	105	461387	19.752	ug/l	100
74) N-amyl acetate	12.495	43	199501	19.732	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	156576	18.502	ug/l	99
76) 1,2,3-Trichloropropane	13.001	75	191060	28.338	ug/l	44
77) Bromobenzene	12.983	156	100861	19.275	ug/l	96
78) n-propylbenzene	13.042	91	538342	19.964	ug/l	99
79) 2-Chlorotoluene	13.130	91	339320	19.748	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	398818	20.449	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	43899	17.922	ug/l #	84
82) 4-Chlorotoluene	13.224	91	321017	19.647	ug/l	100
83) tert-Butylbenzene	13.442	119	325701	19.890	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	393133	20.200	ug/l	99
85) sec-Butylbenzene	13.618	105	475238	20.402	ug/l	100
86) p-Isopropyltoluene	13.736	119	386275	20.650	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	184175	18.623	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	177924	18.082	ug/l	99
89) n-Butylbenzene	14.060	91	321798	19.610	ug/l	100
90) Hexachloroethane	14.336	117	68632	18.046	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	182991	18.563	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	30179	19.245	ug/l	97
93) 1,2,4-Trichlorobenzene	15.401	180	87227	19.573	ug/l	100
94) Hexachlorobutadiene	15.501	225	46235	18.839	ug/l	98
95) Naphthalene	15.648	128	285238	17.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	87787	19.632	ug/l	98

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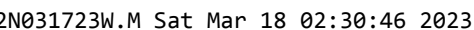
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

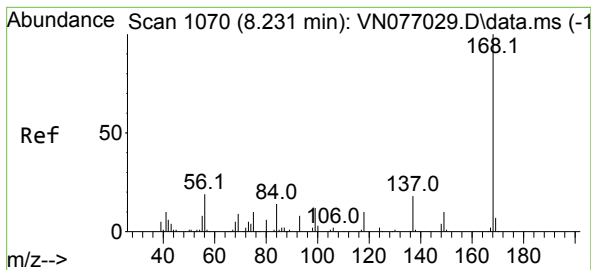
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Quant Title : SW846 8260
QLast Update : Sat Mar 18 02:17:37 2023
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.001 min

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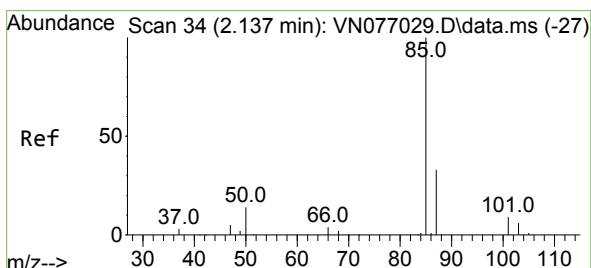
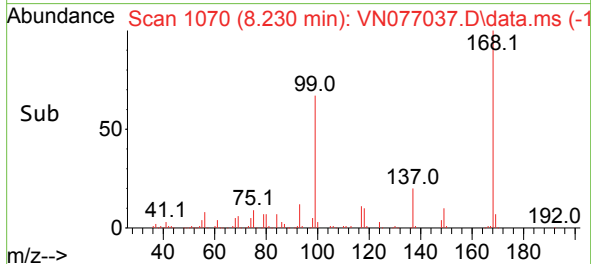
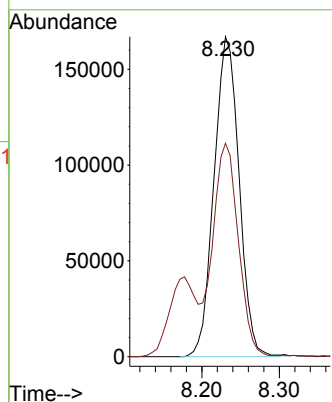
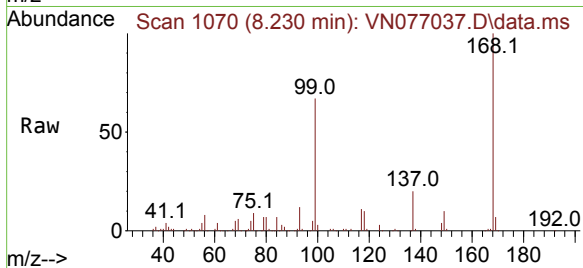
VN0317WBS01

Tgt Ion:168 Resp: 375125

Ion Ratio Lower Upper

168 100

99 66.3 53.9 80.9



#2

Dichlorodifluoromethane

Concen: 19.292 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077037.D

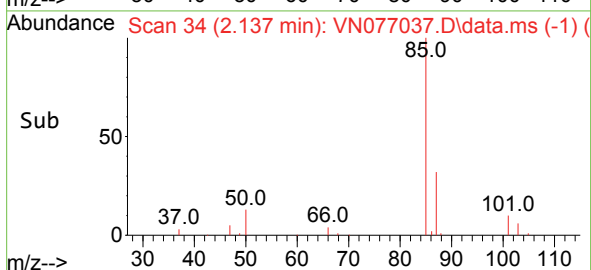
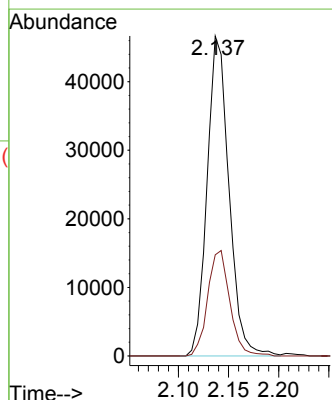
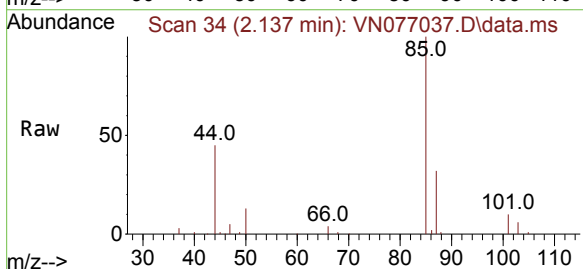
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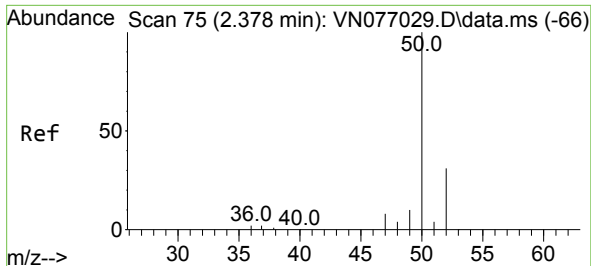
Tgt Ion: 85 Resp: 70946

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.2

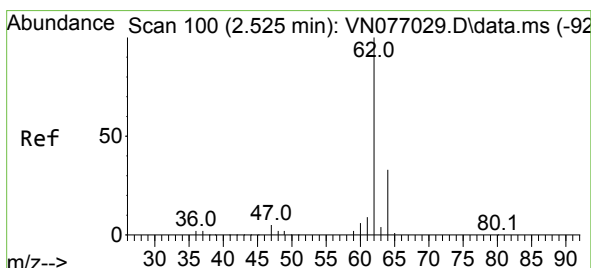
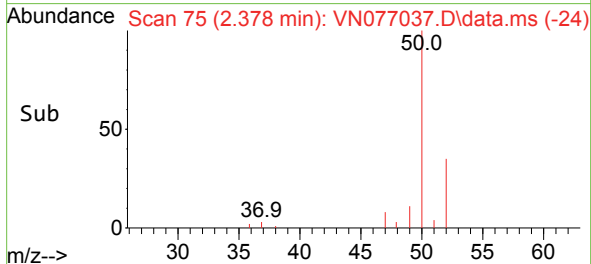
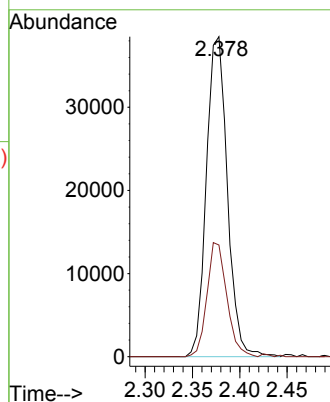
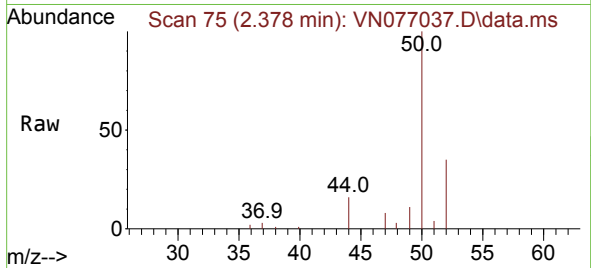




#3
Chloromethane
Concen: 15.682 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN077037.D
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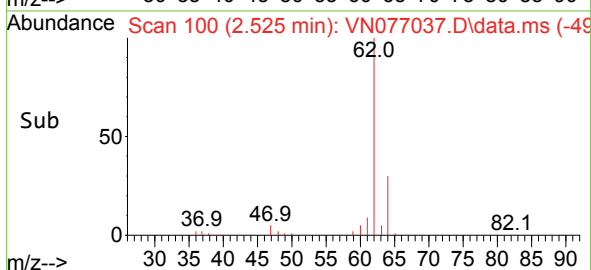
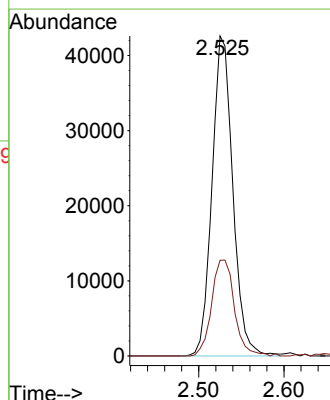
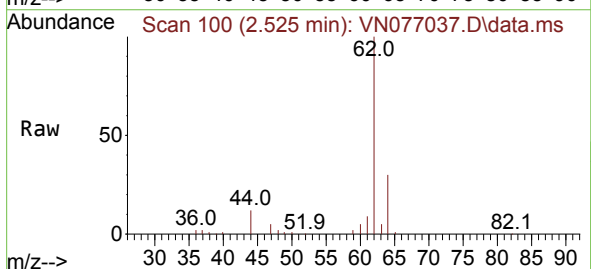
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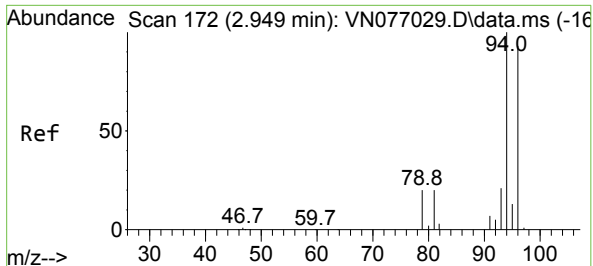
Tgt Ion: 50 Resp: 59270
Ion Ratio Lower Upper
50 100
52 34.9 25.1 37.7



#4
Vinyl Chloride
Concen: 17.690 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 62 Resp: 72167
Ion Ratio Lower Upper
62 100
64 29.9 26.6 40.0

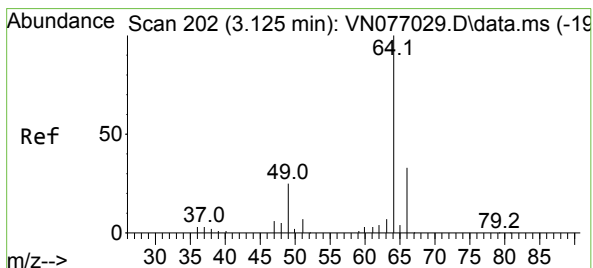
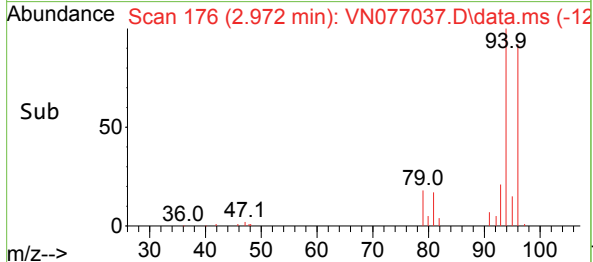
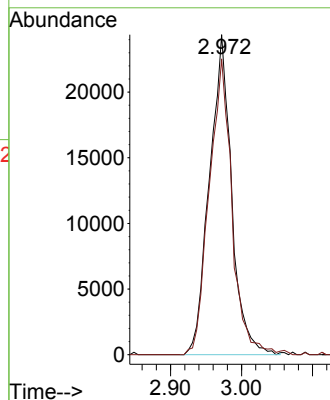
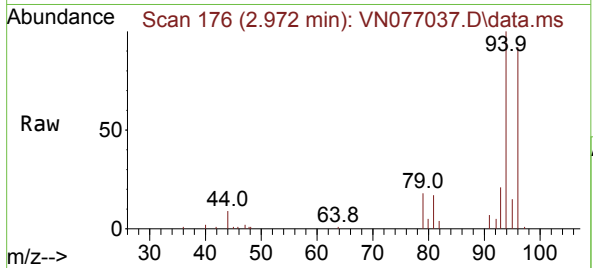




#5
Bromomethane
Concen: 19.172 ug/l
RT: 2.972 min Scan# 176
Delta R.T. 0.023 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

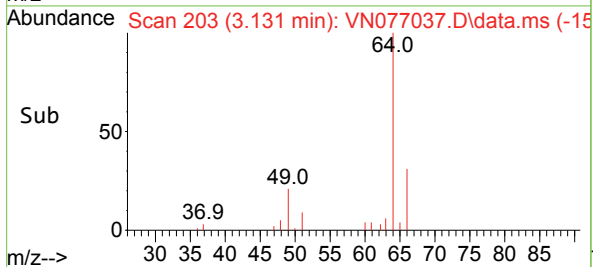
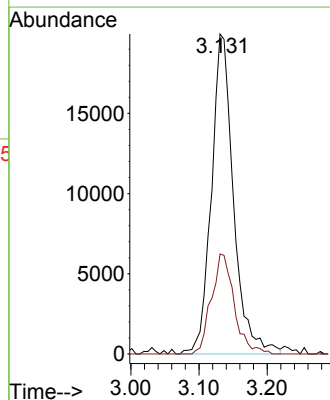
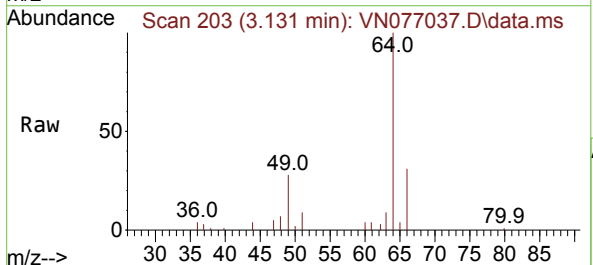
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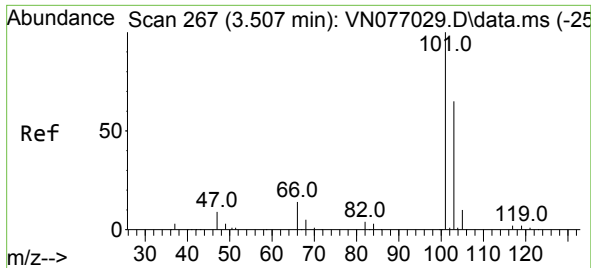
Tgt Ion: 94 Resp: 52830
Ion Ratio Lower Upper
94 100
96 92.5 74.1 111.1



#6
Chloroethane
Concen: 17.450 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 64 Resp: 45046
Ion Ratio Lower Upper
64 100
66 31.3 26.3 39.5

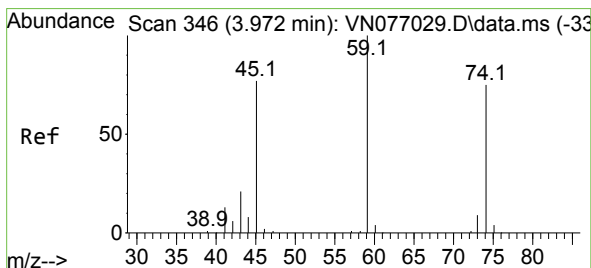
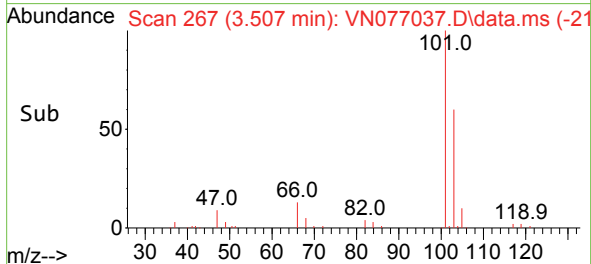
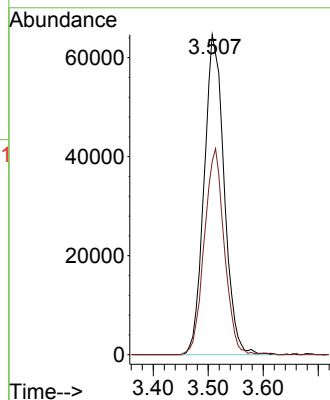
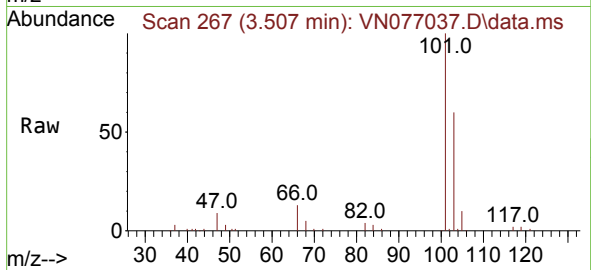




#7
Trichlorofluoromethane
Concen: 18.638 ug/l
RT: 3.507 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

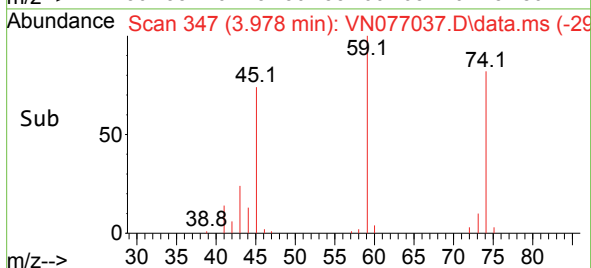
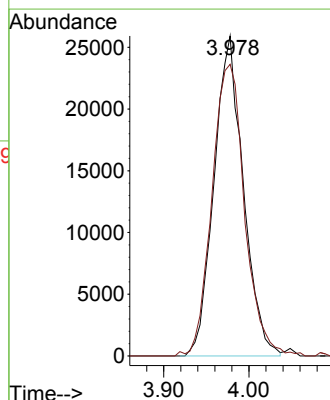
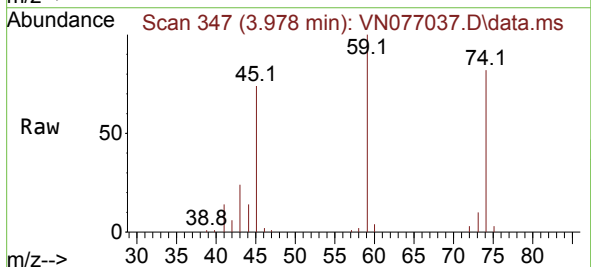
Instrument :
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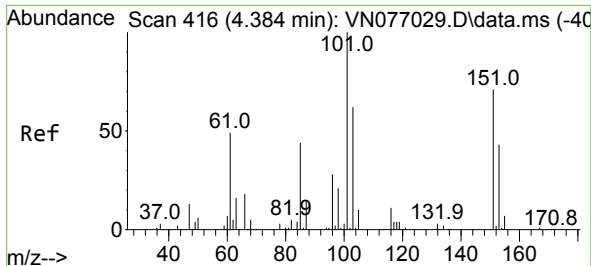
Tgt Ion:101 Resp: 163578
Ion Ratio Lower Upper
101 100
103 60.4 51.8 77.6



#8
Diethyl Ether
Concen: 18.740 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 74 Resp: 61898
Ion Ratio Lower Upper
74 100
45 101.4 50.8 152.5

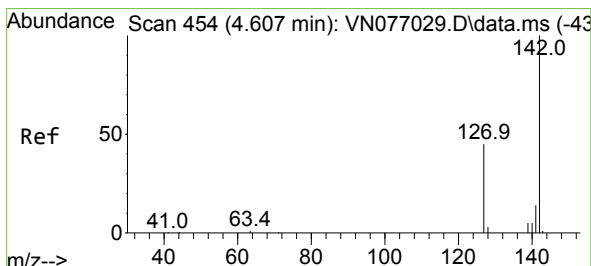
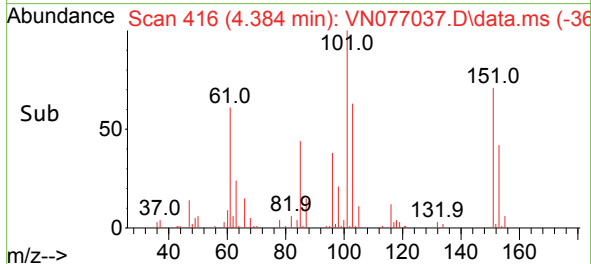
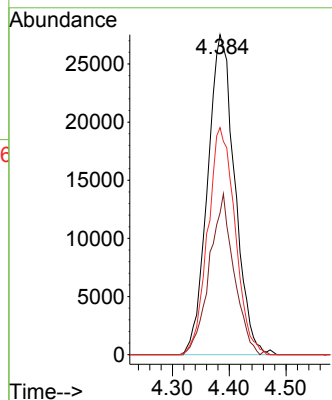
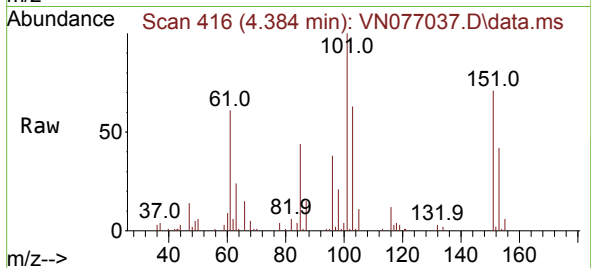




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.356 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

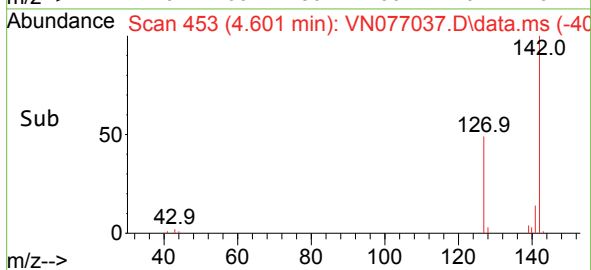
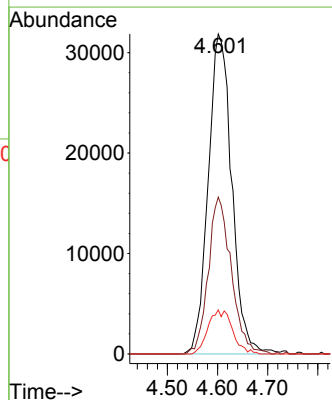
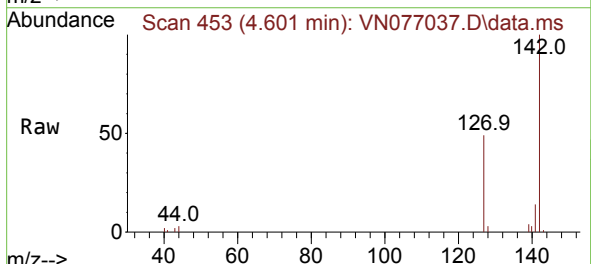
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

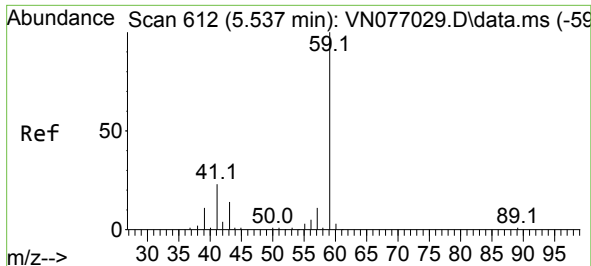
Tgt Ion:101 Resp: 91385
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 71.1 56.9 85.3



#10
Methyl Iodide
Concen: 18.587 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion:142 Resp: 104223
Ion Ratio Lower Upper
142 100
127 49.0 36.1 54.1
141 13.8 10.8 16.2

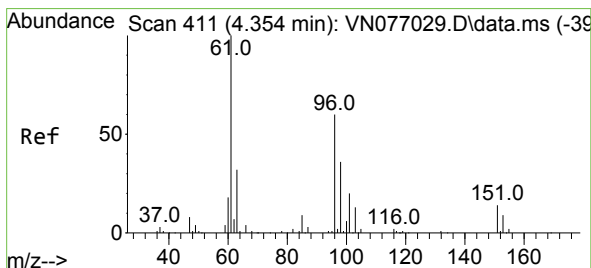
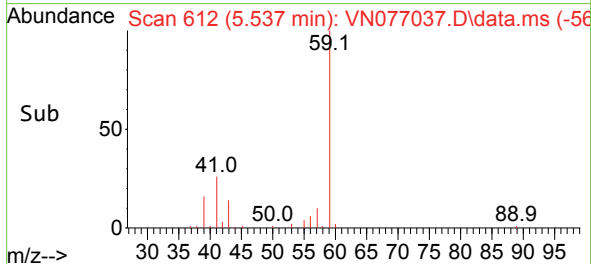
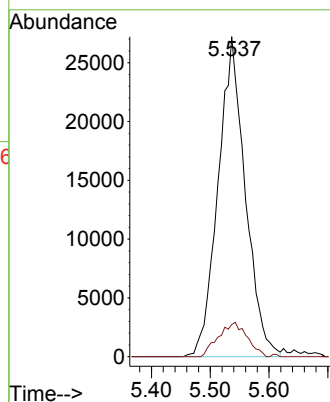
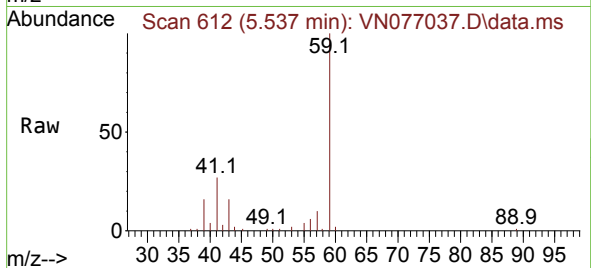




#11
Tert butyl alcohol
Concen: 100.225 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

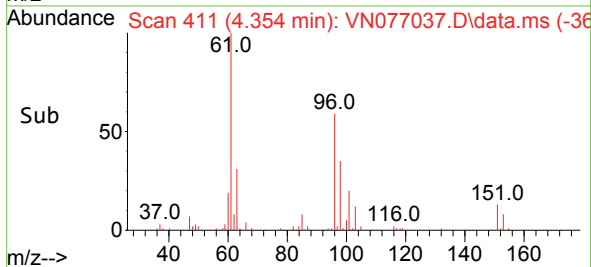
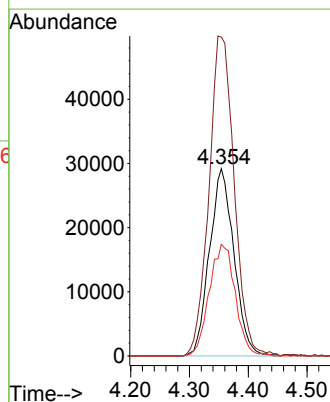
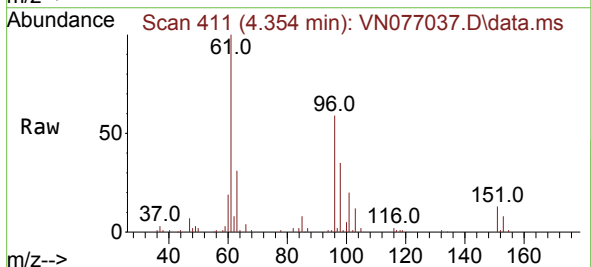
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

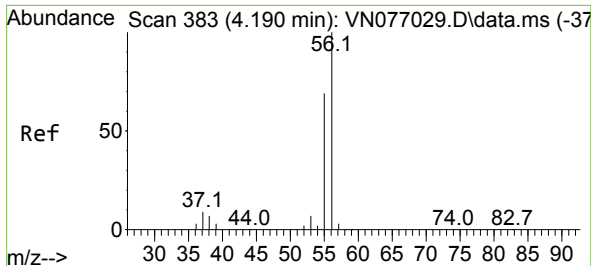
Tgt Ion: 59 Resp: 87510
Ion Ratio Lower Upper
59 100
57 11.3 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.564 ug/l
RT: 4.354 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 96 Resp: 84545
Ion Ratio Lower Upper
96 100
61 170.4 133.8 200.8
98 59.7 48.6 72.8

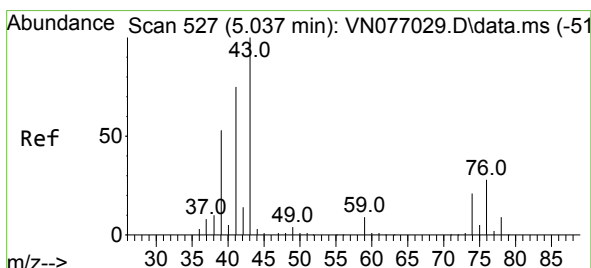
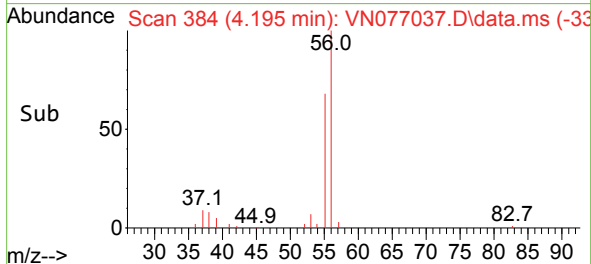
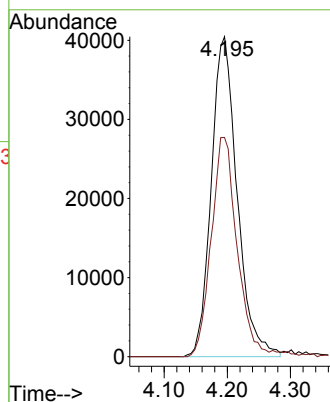
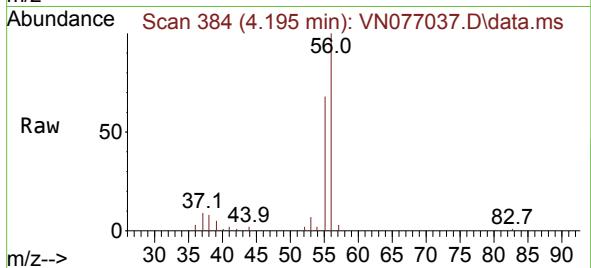




#13
Acrolein
Concen: 106.471 ug/l
RT: 4.195 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

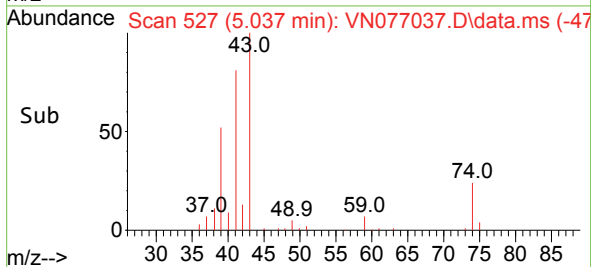
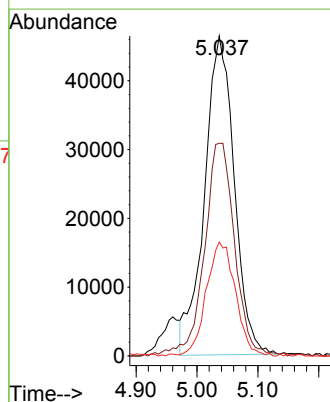
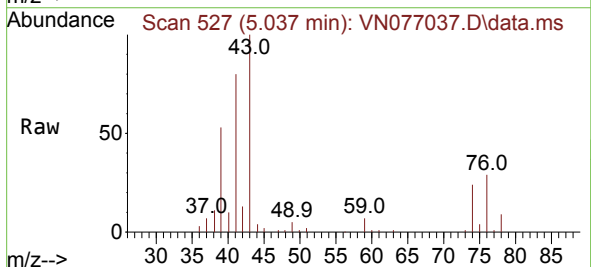
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

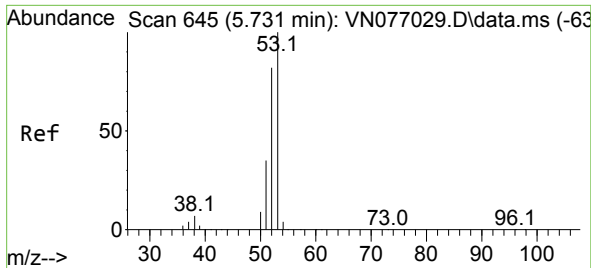
Tgt Ion: 56 Resp: 114983
Ion Ratio Lower Upper
56 100
55 69.3 57.0 85.6



#14
Allyl chloride
Concen: 18.877 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 41 Resp: 157388
Ion Ratio Lower Upper
41 100
39 68.0 53.8 80.8
76 34.9 26.7 40.1

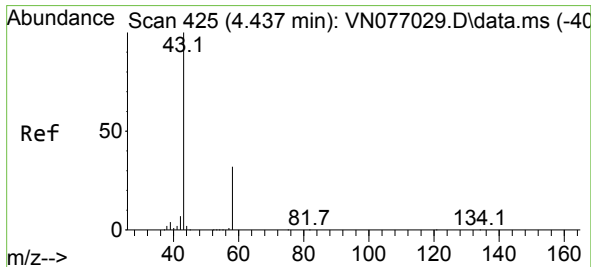
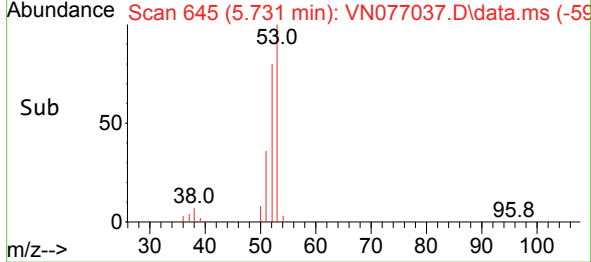
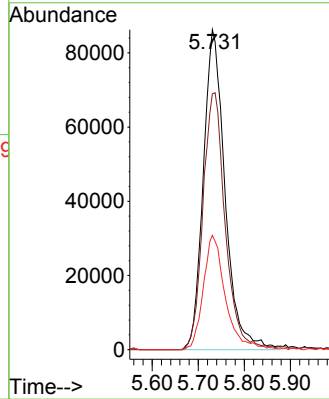
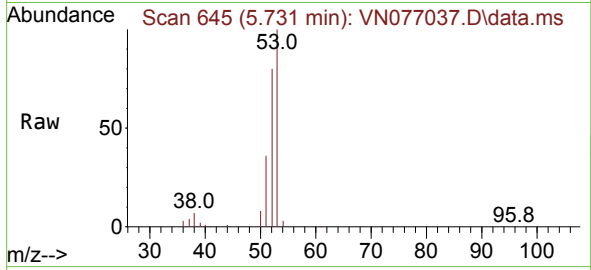




#15
Acrylonitrile
Concen: 96.620 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

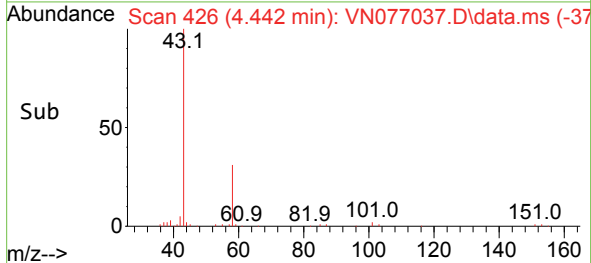
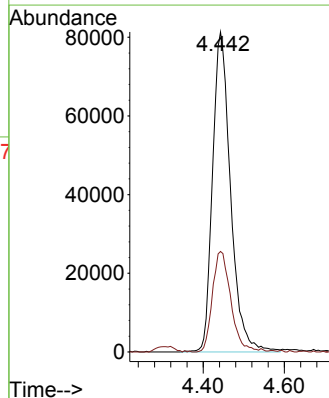
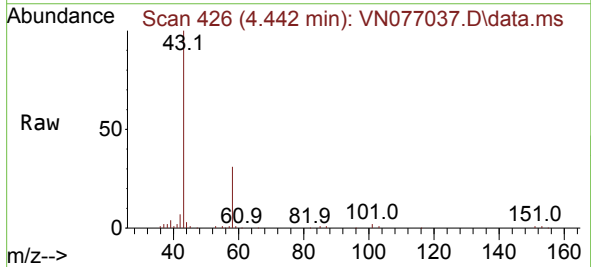
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

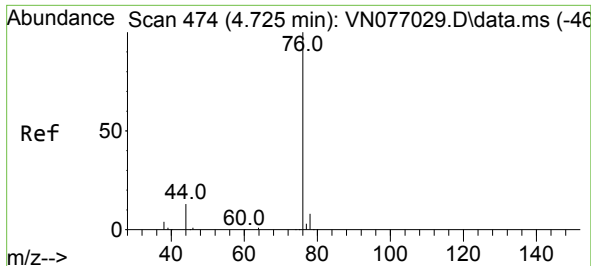
Tgt Ion: 53 Resp: 283607
Ion Ratio Lower Upper
53 100
52 82.0 64.6 97.0
51 36.2 28.3 42.5



#16
Acetone
Concen: 93.671 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 43 Resp: 250091
Ion Ratio Lower Upper
43 100
58 30.9 25.4 38.0

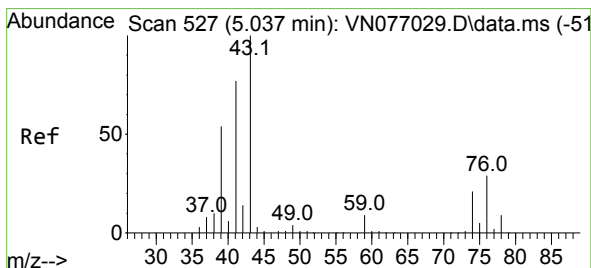
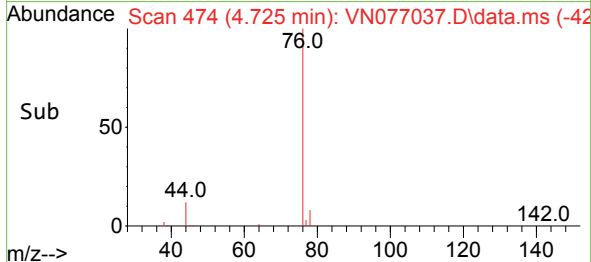
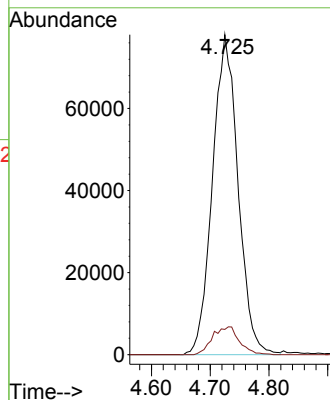
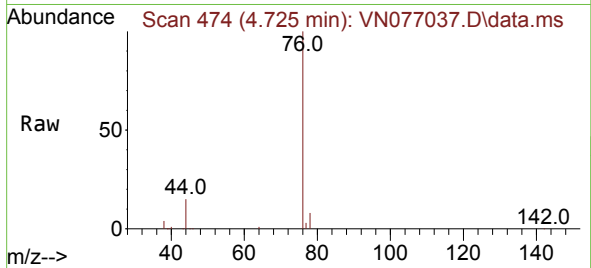




#17
Carbon Disulfide
Concen: 17.703 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

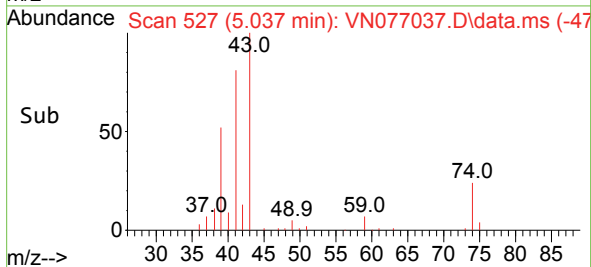
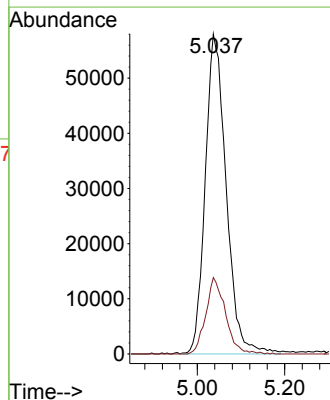
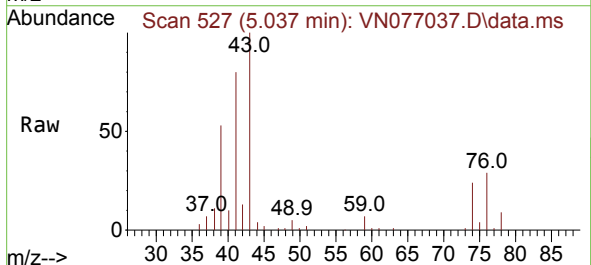
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

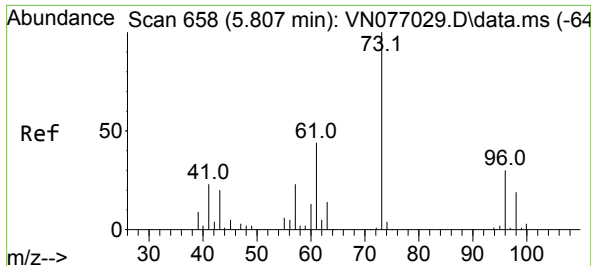
Tgt Ion: 76 Resp: 235088
Ion Ratio Lower Upper
76 100
78 7.9 6.6 10.0



#18
Methyl Acetate
Concen: 19.186 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 43 Resp: 193165
Ion Ratio Lower Upper
43 100
74 22.5 17.7 26.5

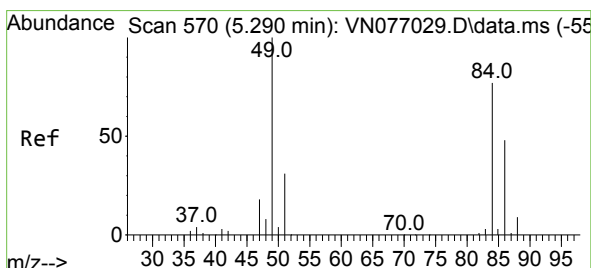
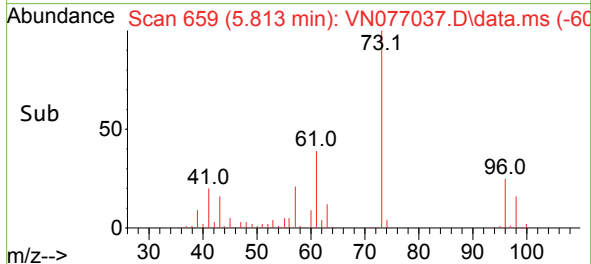
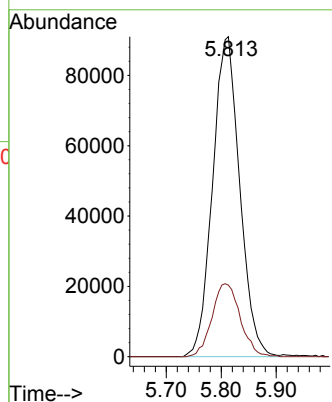
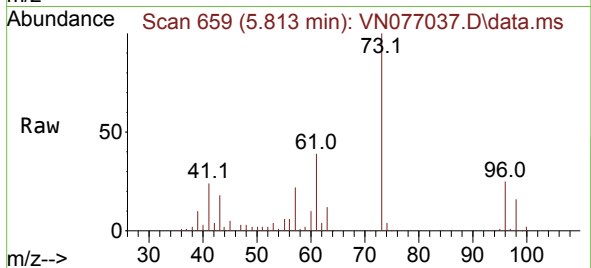




#19
Methyl tert-butyl Ether
Concen: 19.065 ug/l
RT: 5.813 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

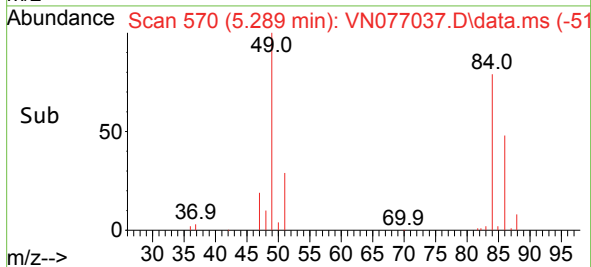
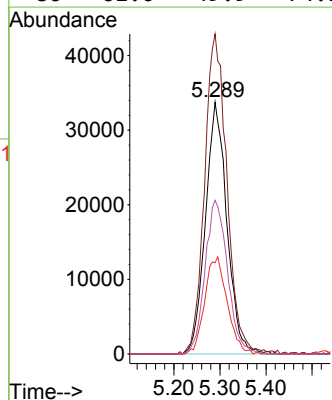
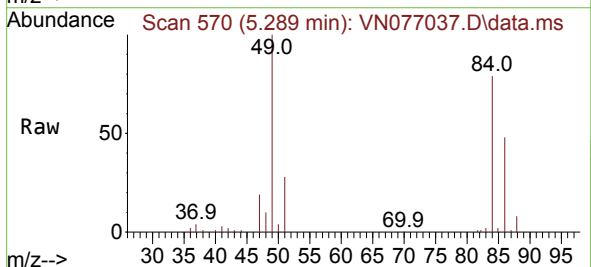
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

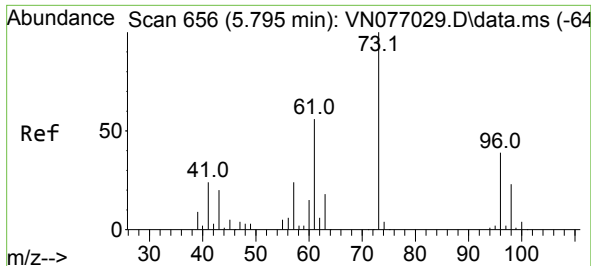
Tgt Ion: 73 Resp: 311630
Ion Ratio Lower Upper
73 100
57 22.3 18.7 28.1



#20
Methylene Chloride
Concen: 18.888 ug/l
RT: 5.289 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 84 Resp: 109445
Ion Ratio Lower Upper
84 100
49 127.2 103.8 155.6
51 36.2 32.3 48.5
86 61.0 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.453 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

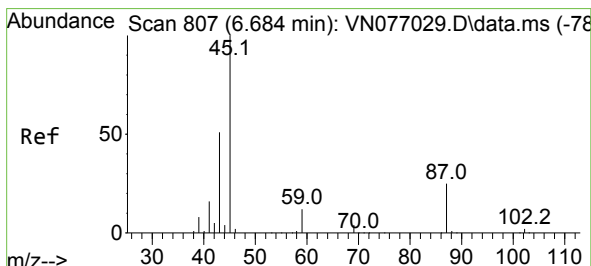
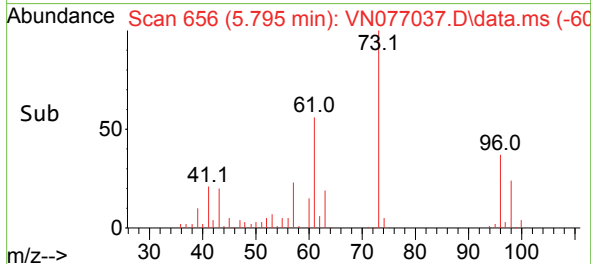
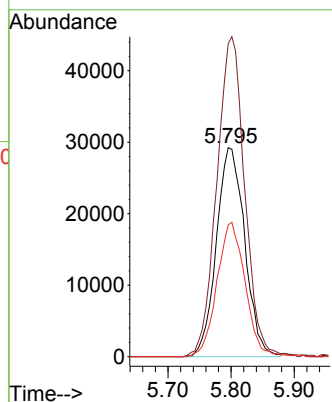
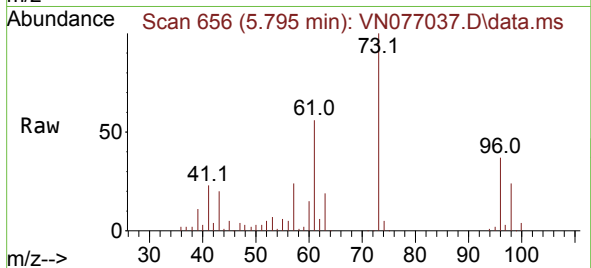
Tgt Ion: 96 Resp: 91089

Ion Ratio Lower Upper

96 100

61 149.8 115.8 173.6

98 63.1 48.2 72.2



#22

Diisopropyl ether

Concen: 19.644 ug/l

RT: 6.684 min Scan# 807

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Tgt Ion: 45 Resp: 358852

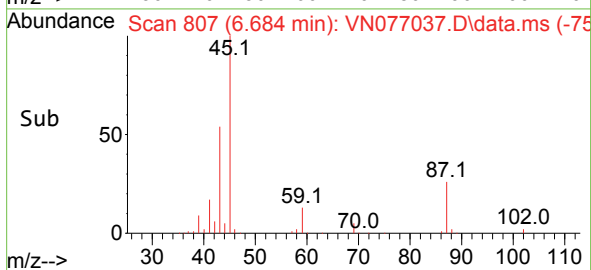
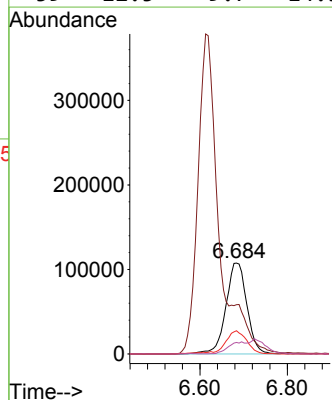
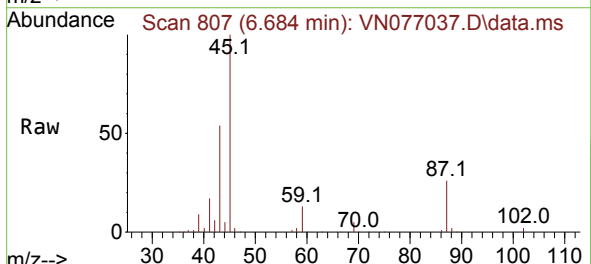
Ion Ratio Lower Upper

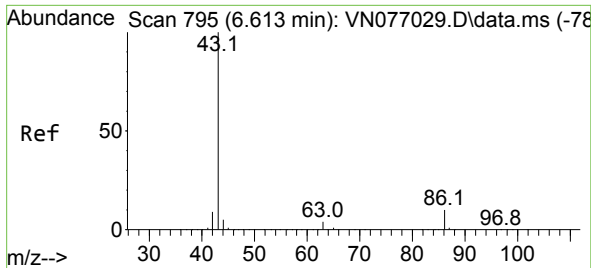
45 100

43 53.3 41.5 62.3

87 25.6 20.6 30.8

59 12.5 9.7 14.5

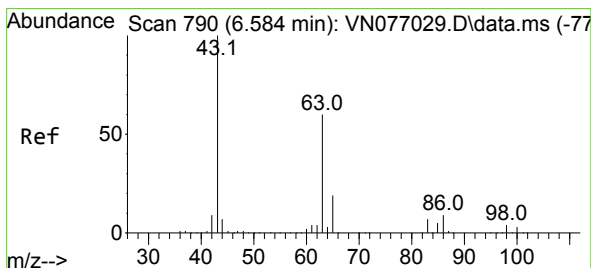
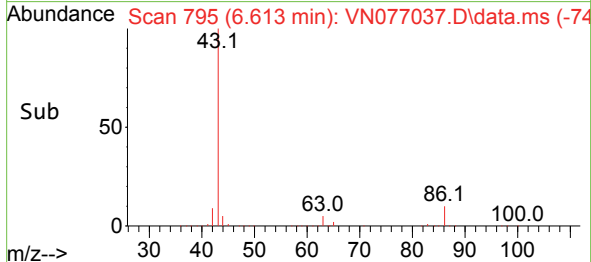
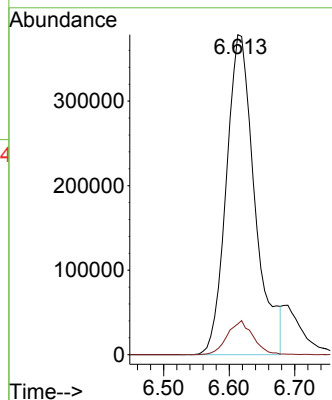
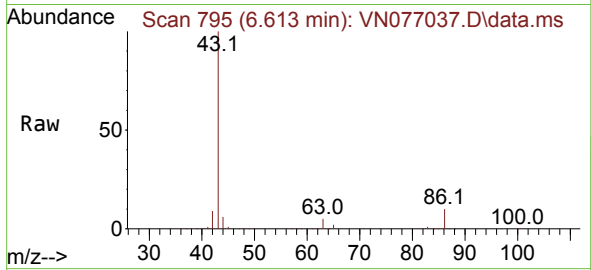




#23
 Vinyl Acetate
 Concen: 99.178 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077037.D
 Acq: 17 Mar 2023 16:42

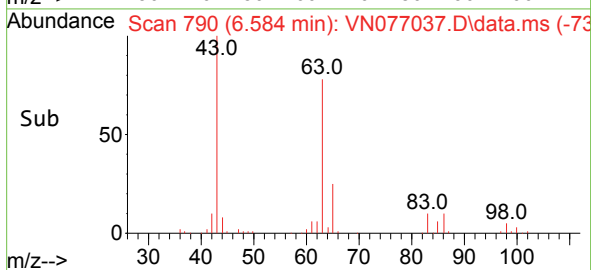
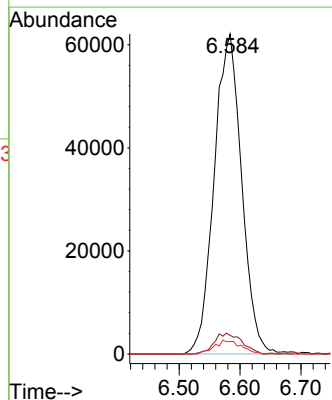
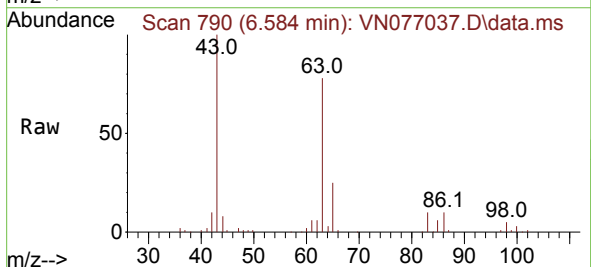
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBS01

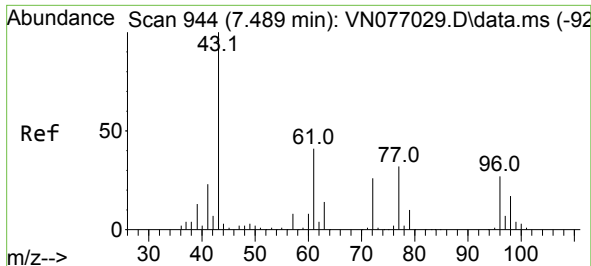
Tgt Ion: 43 Resp: 1143276
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 18.601 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN077037.D
 Acq: 17 Mar 2023 16:42

Tgt Ion: 63 Resp: 194436
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.1 9.4
 100 3.9 2.1 6.3

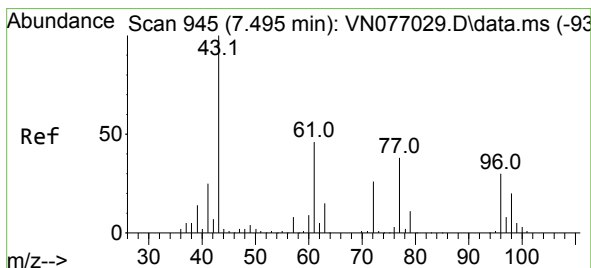
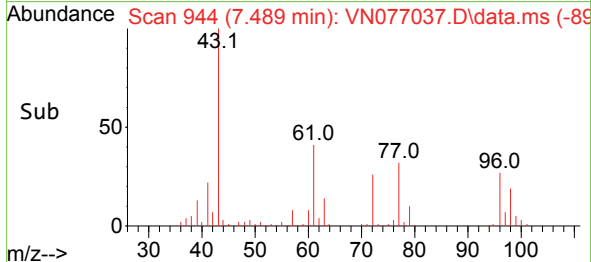
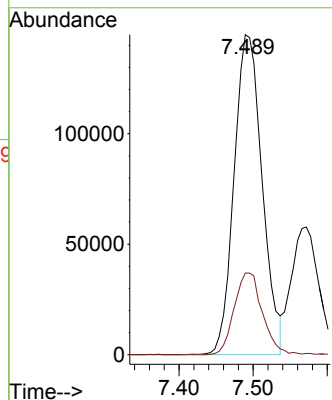
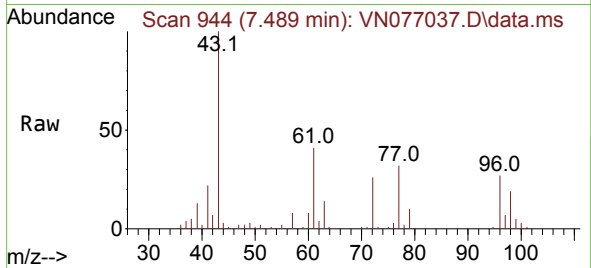




#25
2-Butanone
Concen: 97.661 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

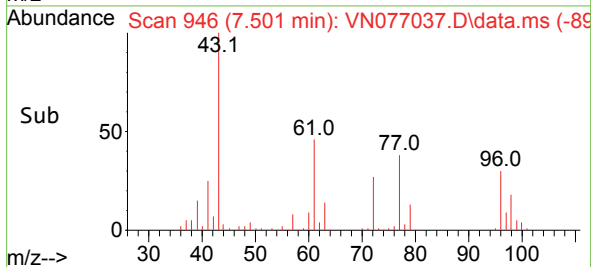
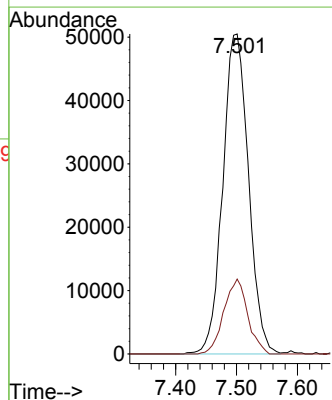
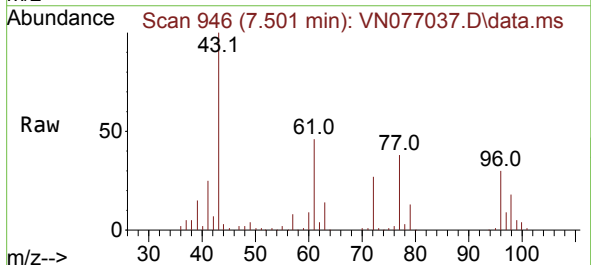
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

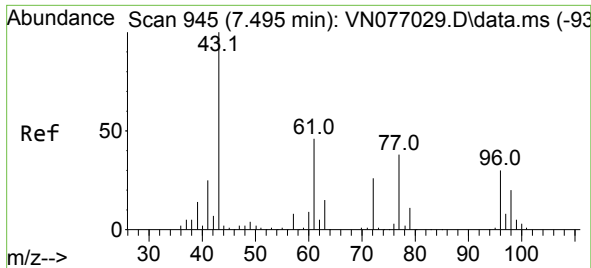
Tgt Ion: 43 Resp: 381429
Ion Ratio Lower Upper
43 100
72 25.5 20.7 31.1



#26
2,2-Dichloropropane
Concen: 18.821 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 77 Resp: 148029
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.9

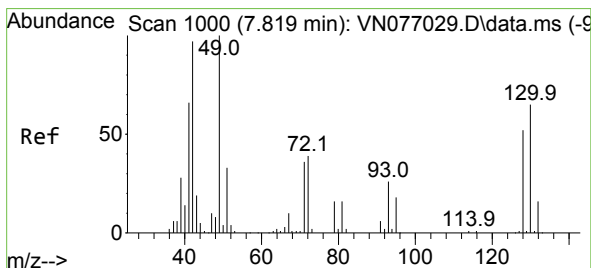
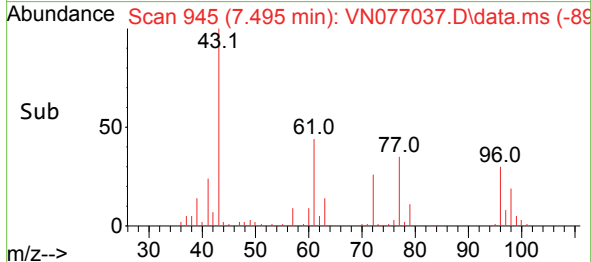
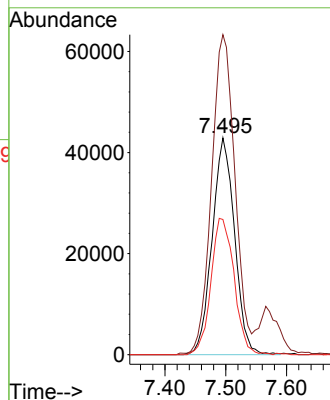
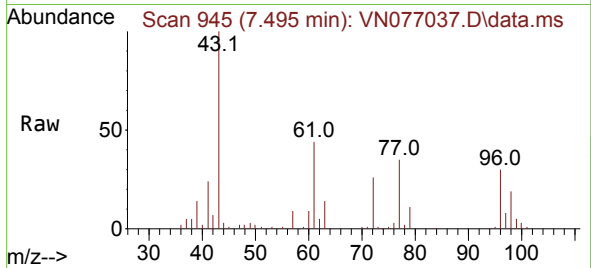




#27
 cis-1,2-Dichloroethene
 Concen: 19.460 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. -0.000 min
 Lab File: VN077037.D
 Acq: 17 Mar 2023 16:42

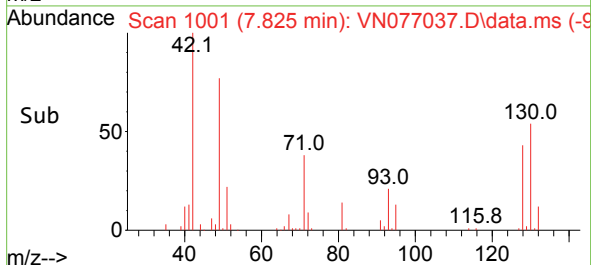
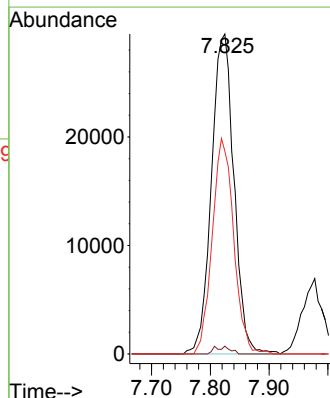
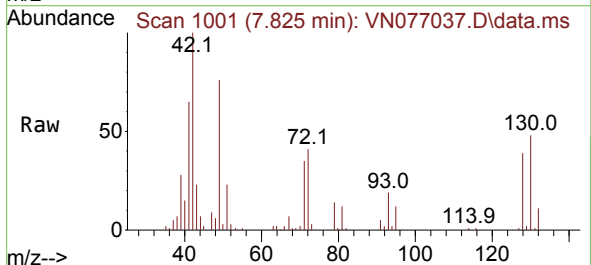
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBS01

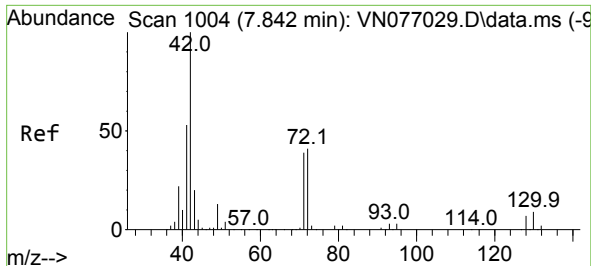
Tgt Ion: 96 Resp: 110017
 Ion Ratio Lower Upper
 96 100
 61 153.5 0.0 315.4
 98 64.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 17.260 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN077037.D
 Acq: 17 Mar 2023 16:42

Tgt Ion: 49 Resp: 78351
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.2
 130 64.4 51.9 77.9





#29

Tetrahydrofuran

Concen: 100.659 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

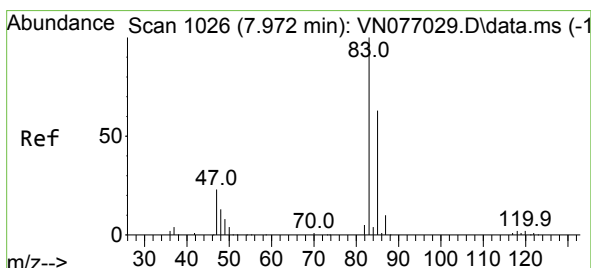
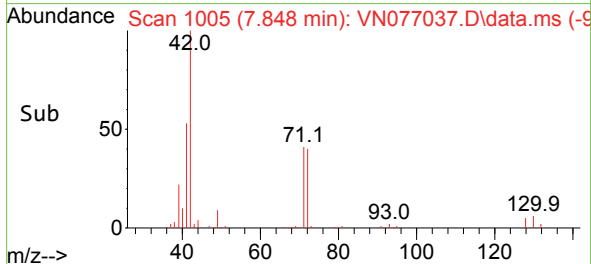
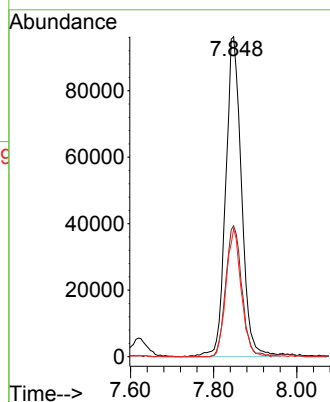
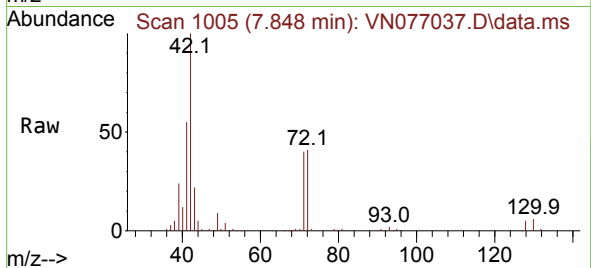
Tgt Ion: 42 Resp: 254756

Ion Ratio Lower Upper

42 100

72 41.5 33.2 49.8

71 38.3 31.0 46.4



#30

Chloroform

Concen: 18.955 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077037.D

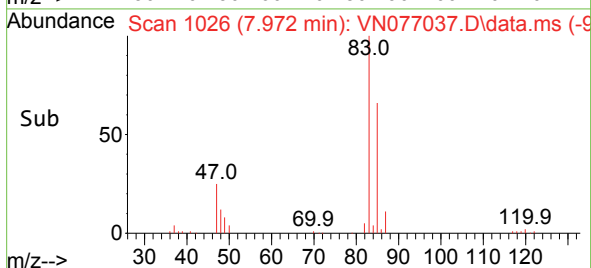
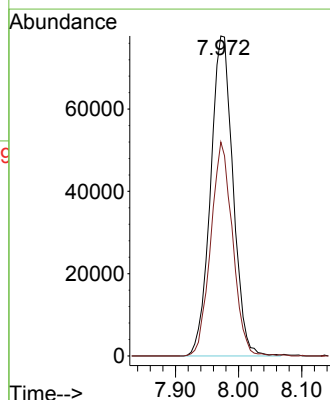
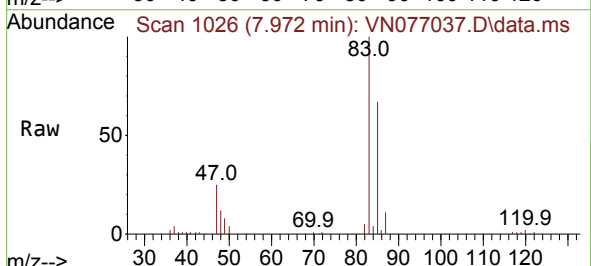
Acq: 17 Mar 2023 16:42

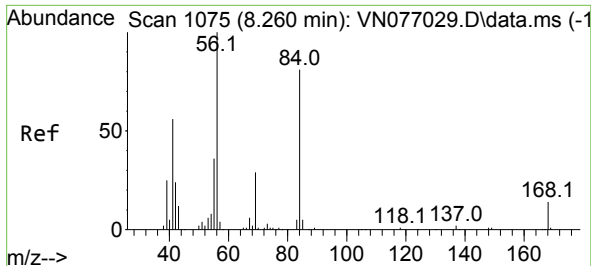
Tgt Ion: 83 Resp: 192317

Ion Ratio Lower Upper

83 100

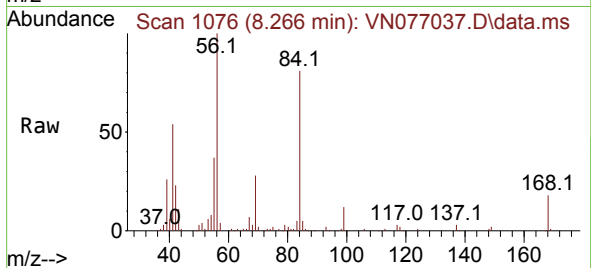
85 66.8 50.6 75.8



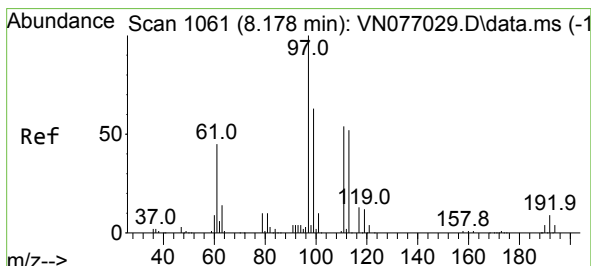
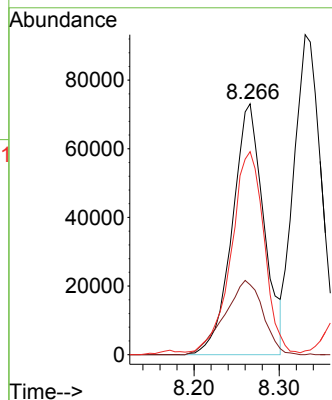
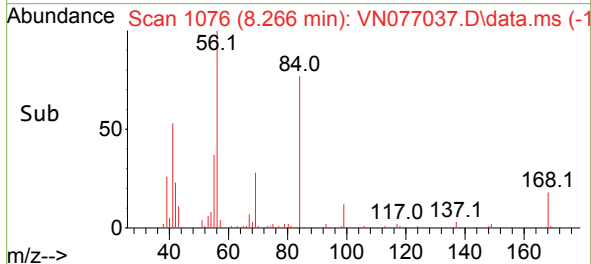


#31
Cyclohexane
Concen: 19.237 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

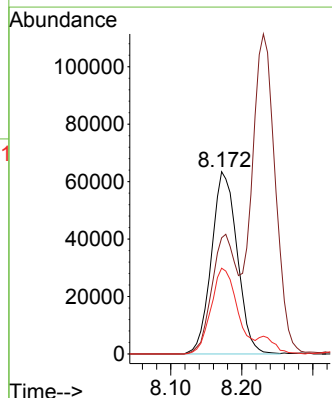
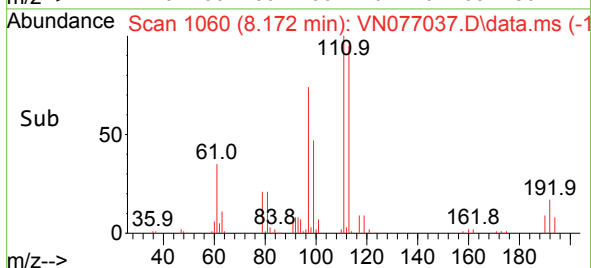
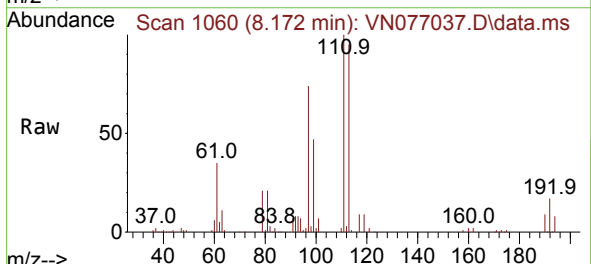


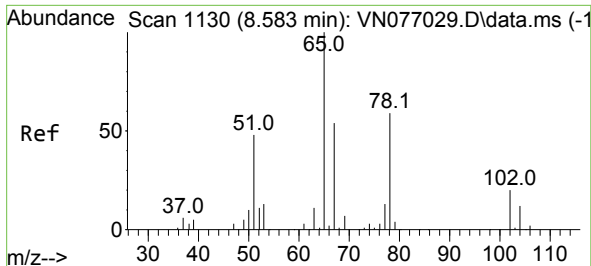
Tgt Ion: 56 Resp: 188591
Ion Ratio Lower Upper
56 100
69 27.9 22.8 34.2
84 79.7 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 18.377 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 97 Resp: 159357
Ion Ratio Lower Upper
97 100
99 61.2 50.2 75.2
61 48.4 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 44.415 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

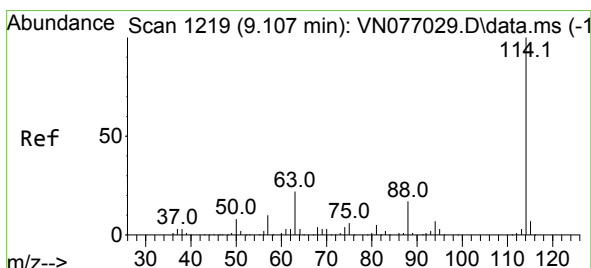
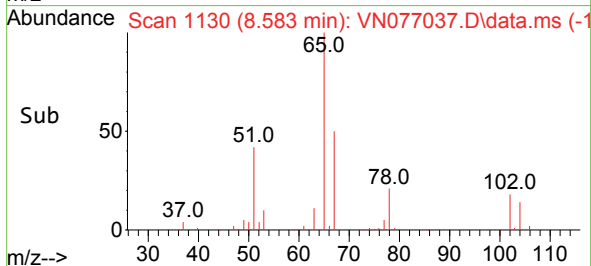
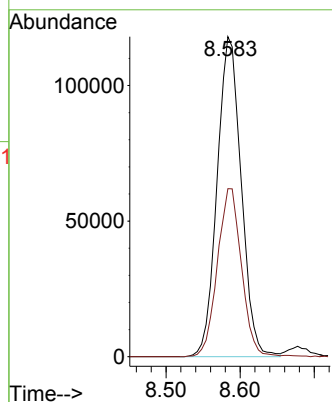
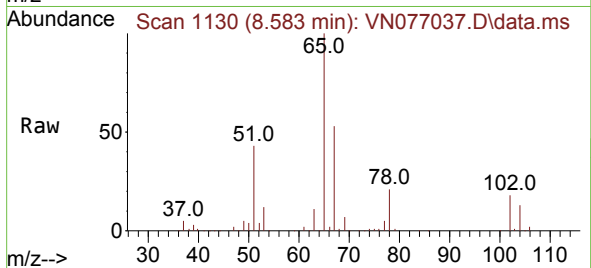
VN0317WBS01

Tgt Ion: 65 Resp: 266132

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: VN077037.D

Acq: 17 Mar 2023 16:42

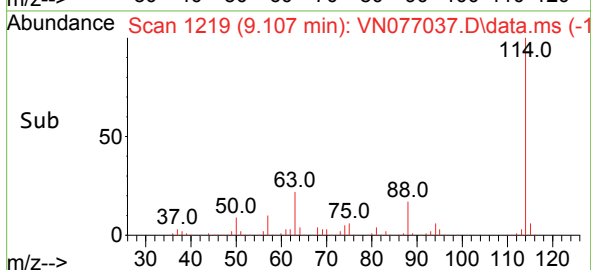
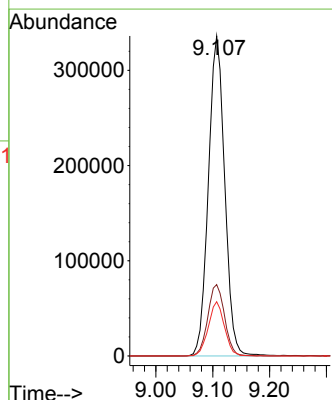
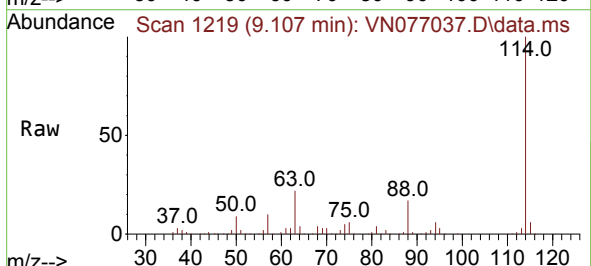
Tgt Ion: 114 Resp: 669152

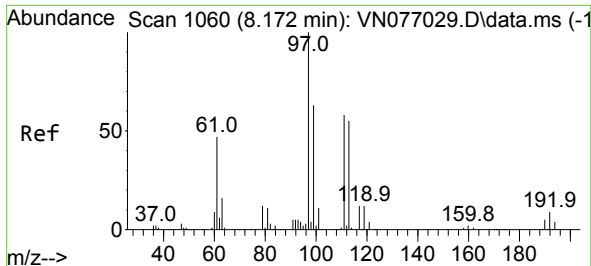
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.6

88 17.0 0.0 33.8

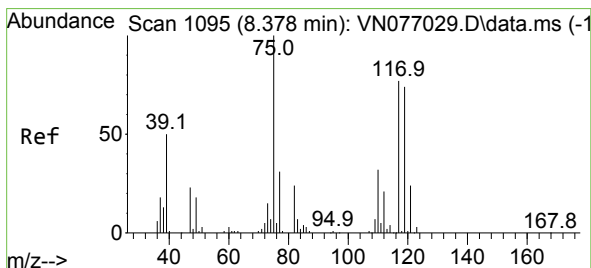
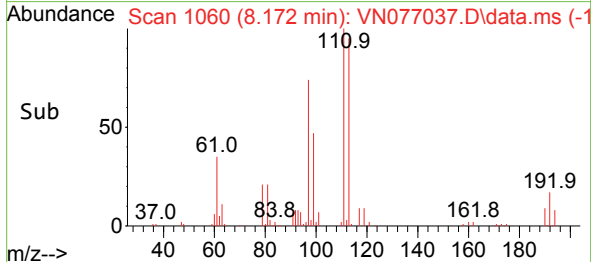
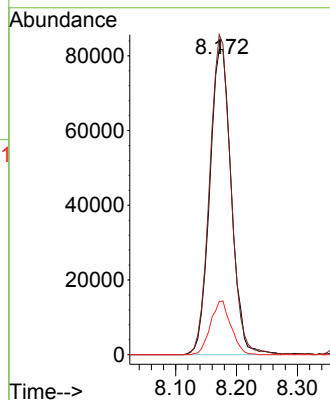
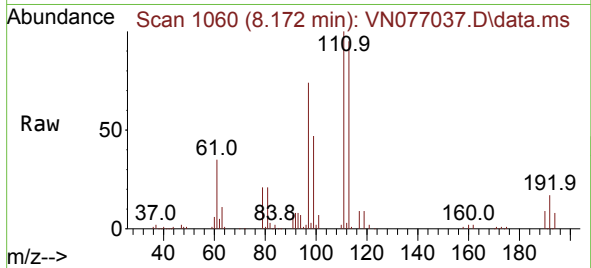




#35
Dibromofluoromethane
Concen: 43.131 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

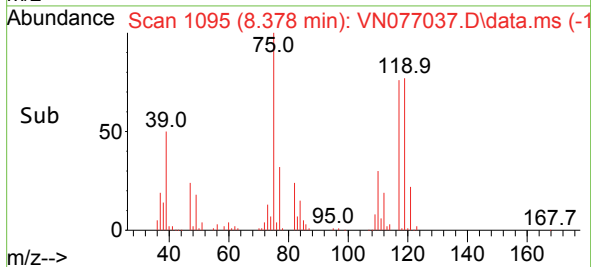
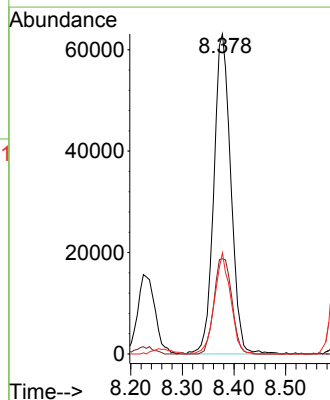
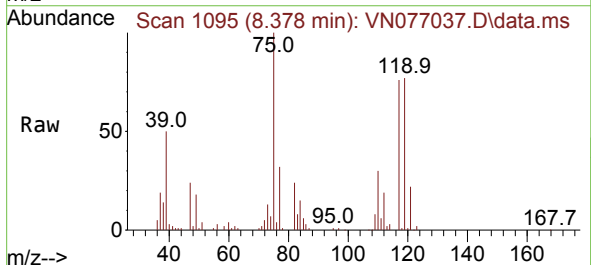
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

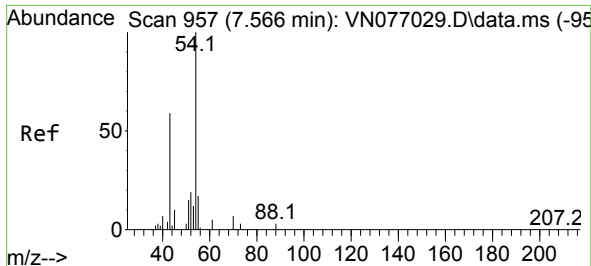
Tgt Ion:113 Resp: 202120
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 16.6 13.0 19.6



#36
1,1-Dichloropropene
Concen: 19.704 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 75 Resp: 144220
Ion Ratio Lower Upper
75 100
110 31.5 15.9 47.7
77 29.8 24.3 36.5

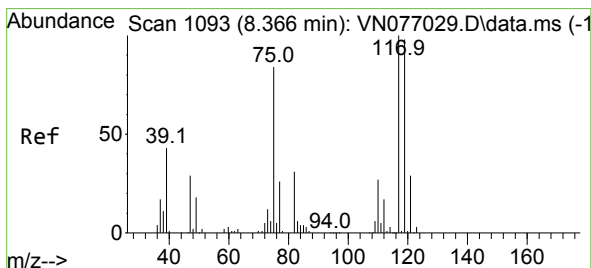
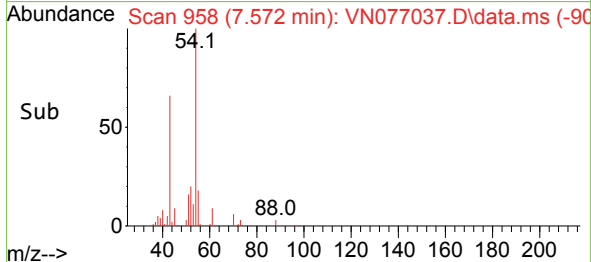
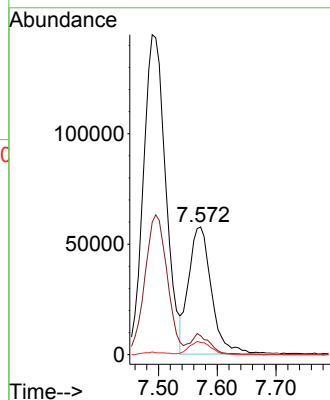
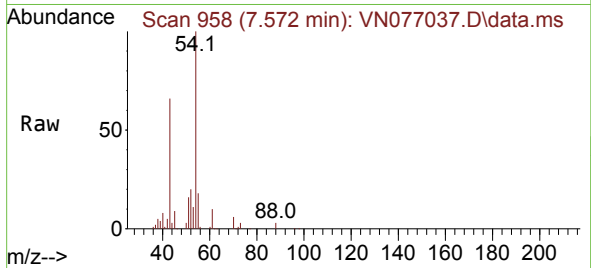




#37
Ethyl Acetate
Concen: 19.857 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

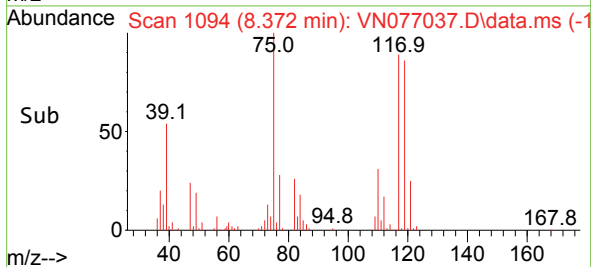
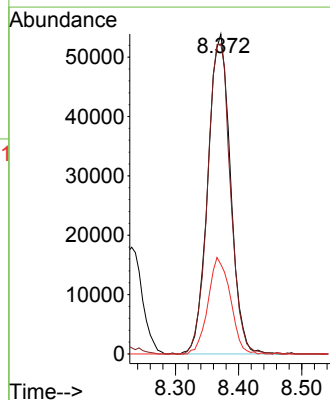
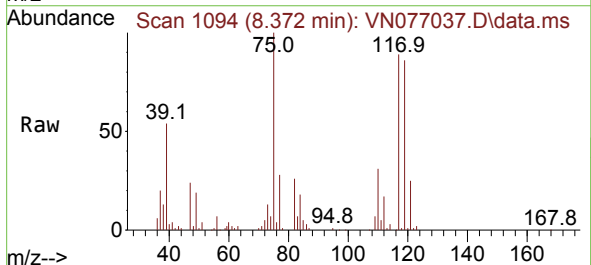
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

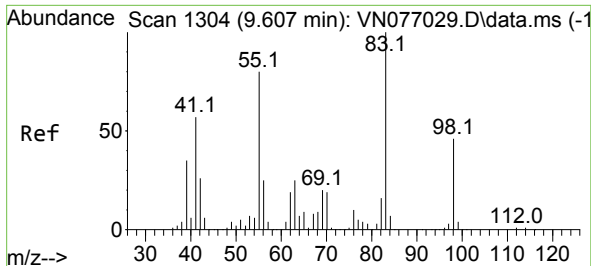
Tgt Ion: 43 Resp: 155509
Ion Ratio Lower Upper
43 100
61 12.5 11.0 16.6
70 9.9 8.4 12.6



#38
Carbon Tetrachloride
Concen: 18.793 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 117 Resp: 133978
Ion Ratio Lower Upper
117 100
119 96.8 78.2 117.2
121 28.0 23.2 34.8

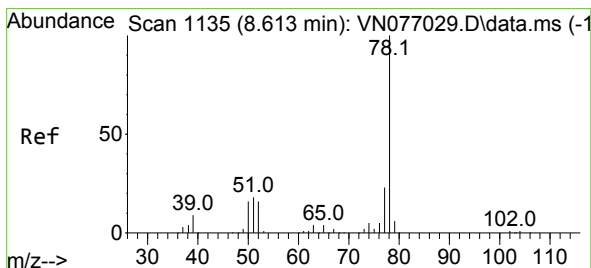
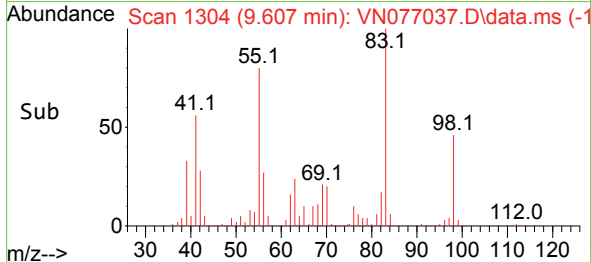
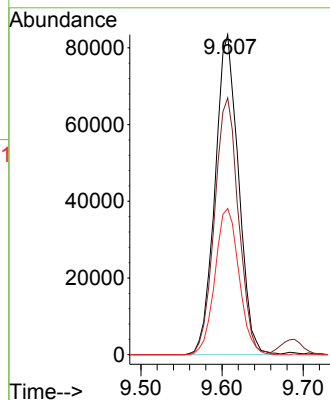
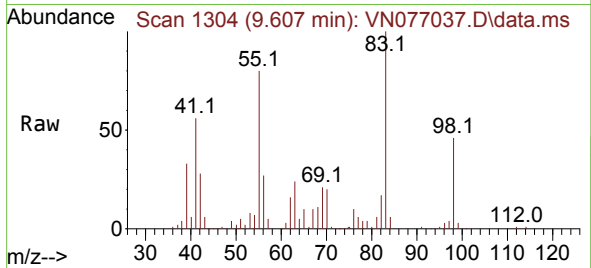




#39
Methylcyclohexane
Concen: 19.601 ug/l
RT: 9.607 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

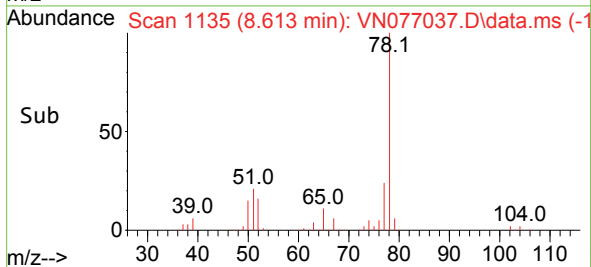
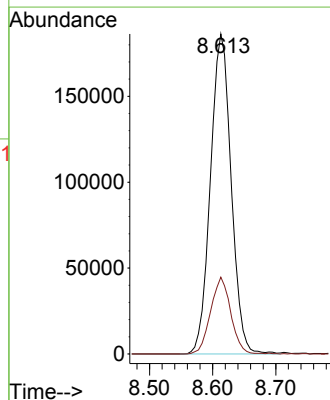
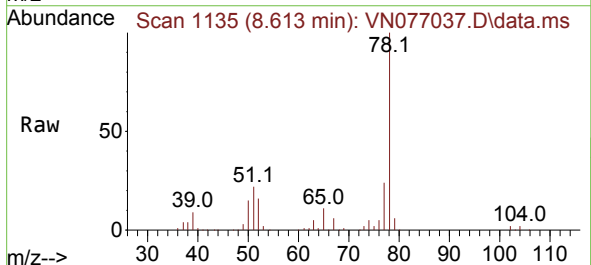
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

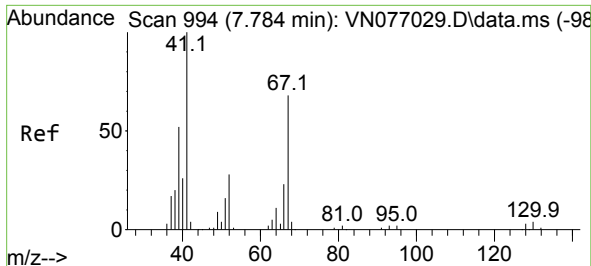
Tgt Ion: 83 Resp: 167925
Ion Ratio Lower Upper
83 100
55 80.3 63.8 95.8
98 45.7 37.1 55.7



#40
Benzene
Concen: 19.127 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 78 Resp: 424589
Ion Ratio Lower Upper
78 100
77 24.0 18.5 27.7

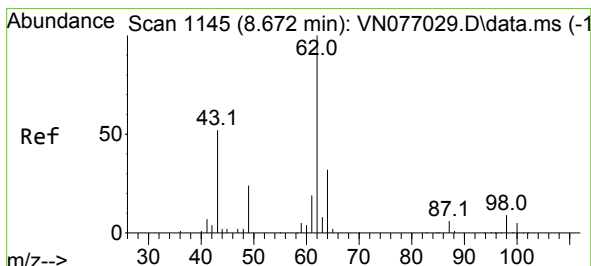
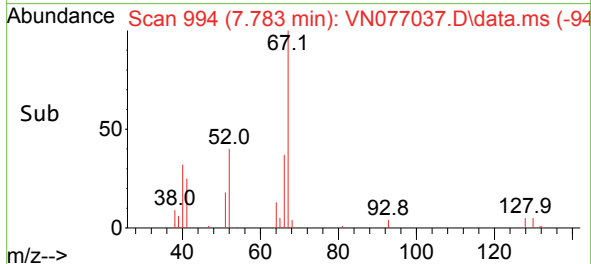
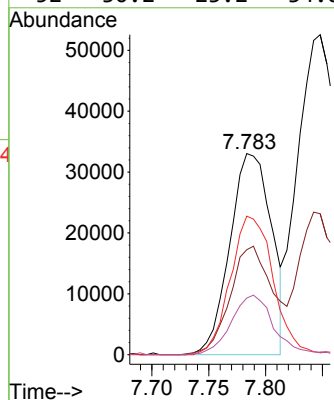
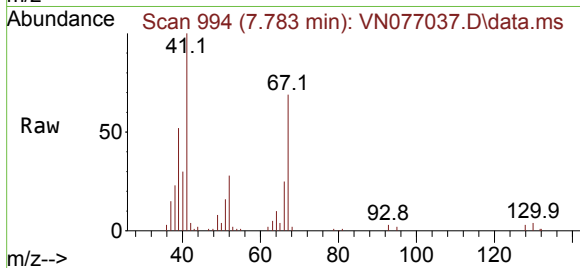




#41
Methacrylonitrile
Concen: 20.427 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

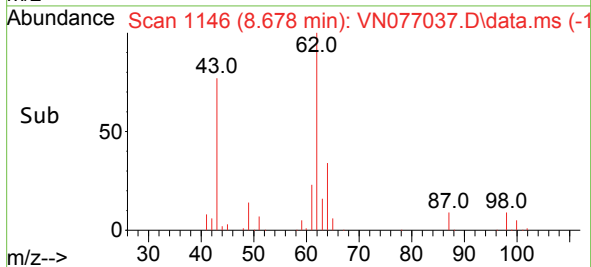
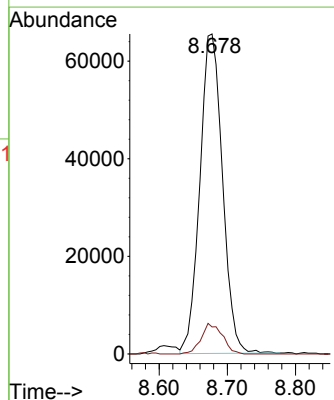
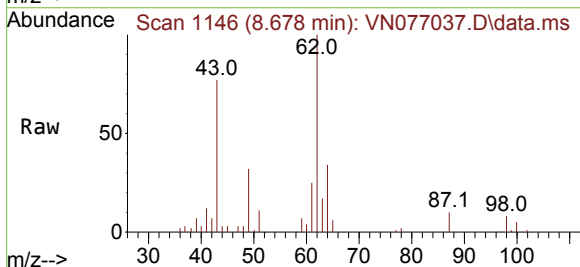
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

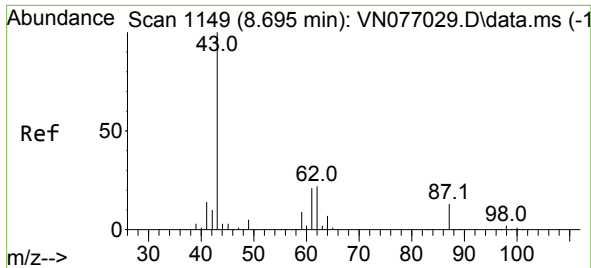
Tgt Ion: 41	Resp: 84265
Ion Ratio	Lower Upper
41 100	
39 56.3	41.6 62.4
67 70.8	53.8 80.8
52 30.2	23.2 34.8



#42
1,2-Dichloroethane
Concen: 18.816 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 62	Resp: 150932
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 17.4

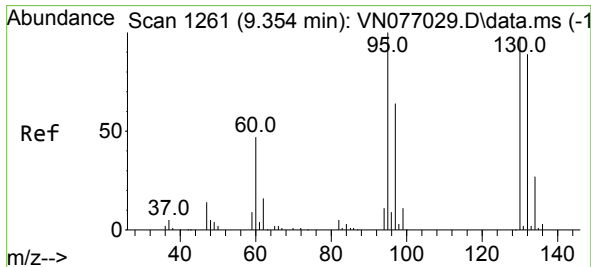
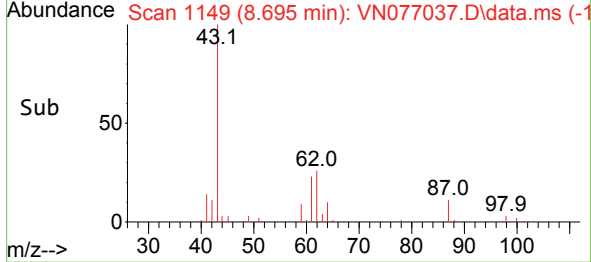
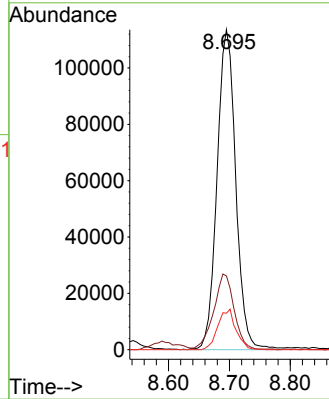
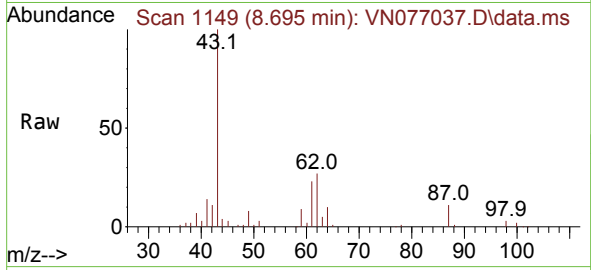




#43
Isopropyl Acetate
Concen: 19.810 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

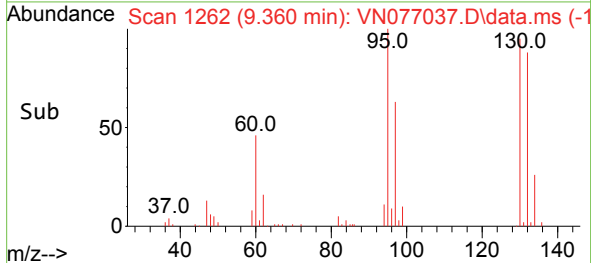
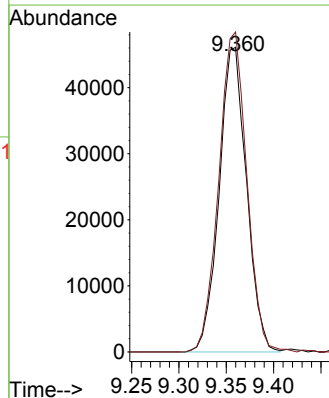
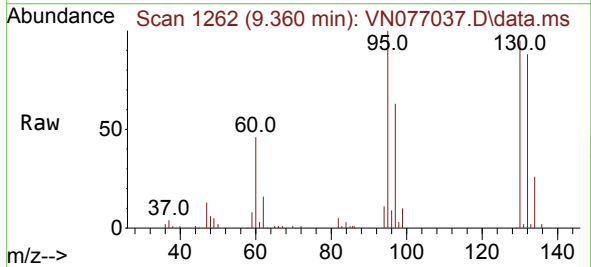
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

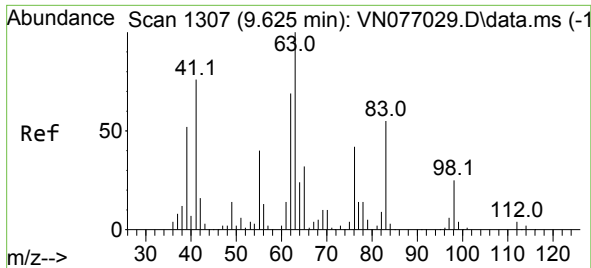
Tgt Ion: 43 Resp: 242351
Ion Ratio Lower Upper
43 100
61 25.5 20.6 30.8
87 12.2 10.0 15.0



#44
Trichloroethene
Concen: 18.221 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion:130 Resp: 92906
Ion Ratio Lower Upper
130 100
95 105.0 0.0 204.4

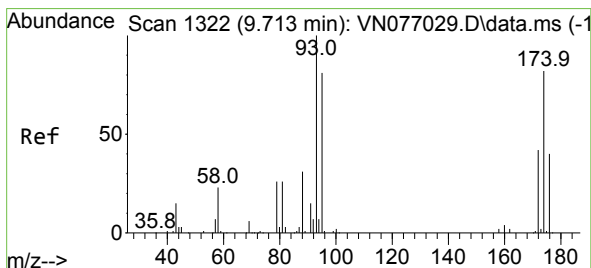
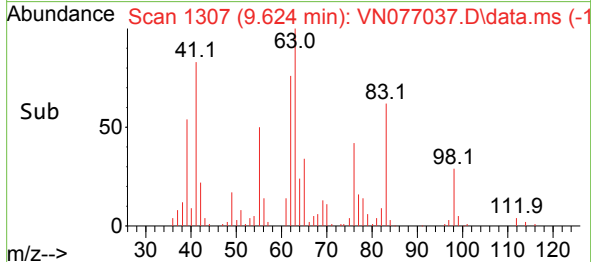
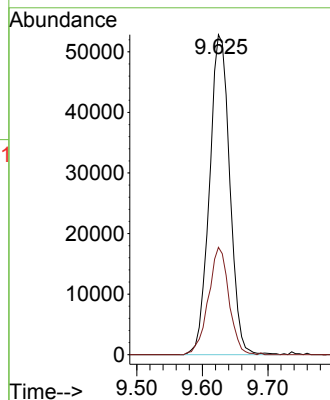
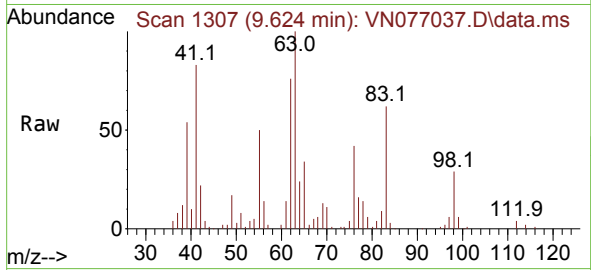




#45
1,2-Dichloropropane
Concen: 19.259 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

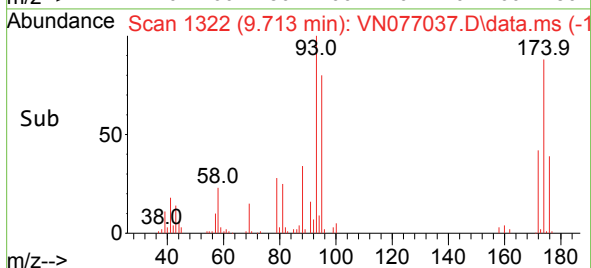
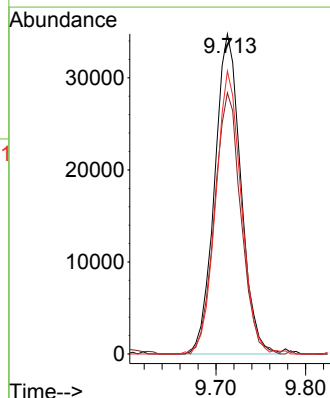
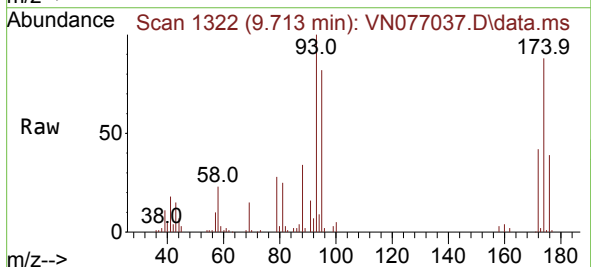
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

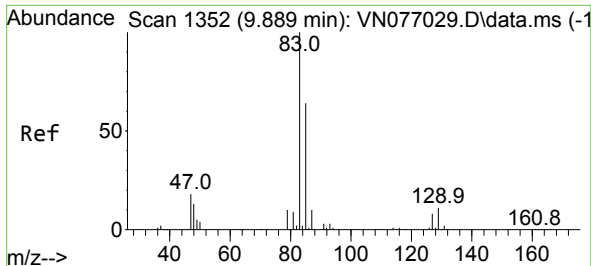
Tgt Ion: 63 Resp: 113543
Ion Ratio Lower Upper
63 100
65 33.6 25.5 38.3



#46
Dibromomethane
Concen: 18.945 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 93 Resp: 70440
Ion Ratio Lower Upper
93 100
95 82.3 65.7 98.5
174 86.6 66.4 99.6

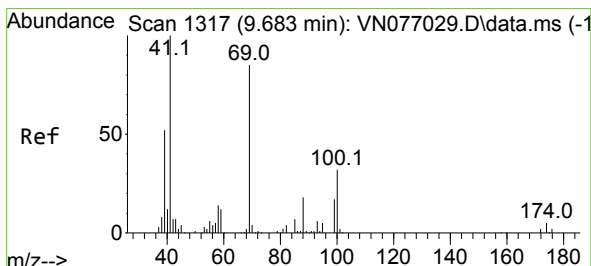
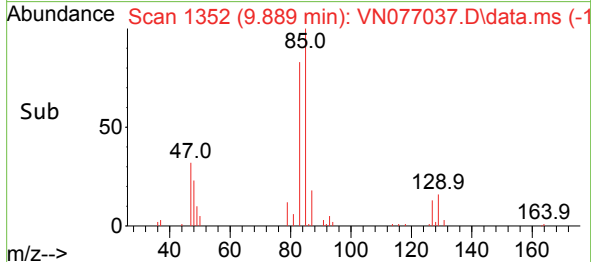
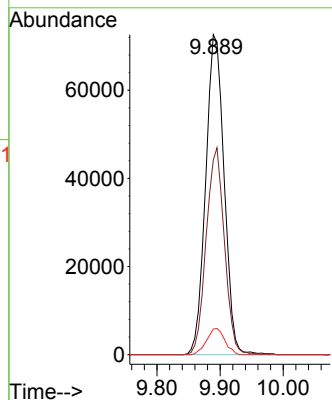
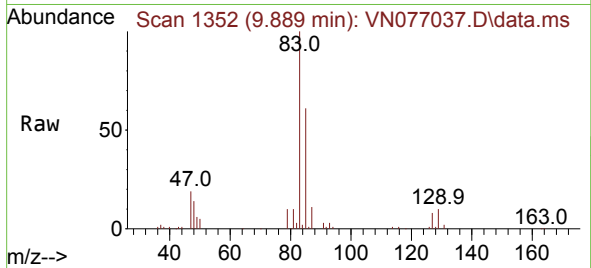




#47
Bromodichloromethane
Concen: 18.939 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

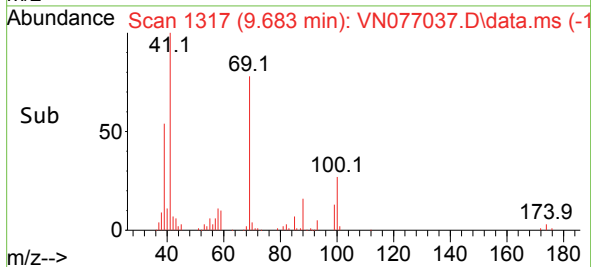
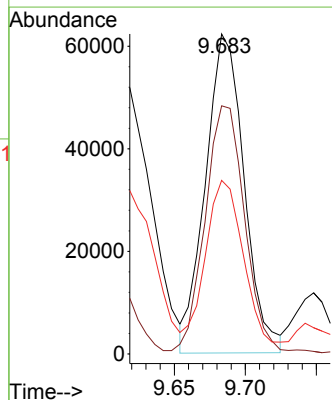
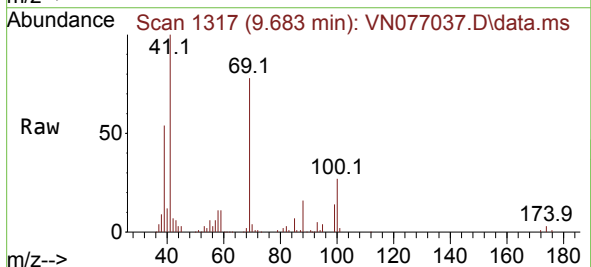
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

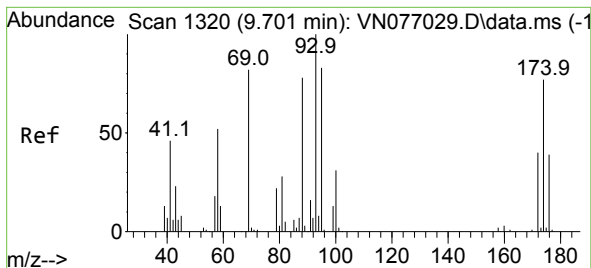
Tgt Ion: 83 Resp: 147689
Ion Ratio Lower Upper
83 100
85 60.9 51.0 76.4
127 8.0 6.1 9.1



#48
Methyl methacrylate
Concen: 20.135 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 41 Resp: 117760
Ion Ratio Lower Upper
41 100
69 81.0 64.3 96.5
39 55.5 43.2 64.8





#49

1,4-Dioxane

Concen: 424.251 ug/l

RT: 9.701 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

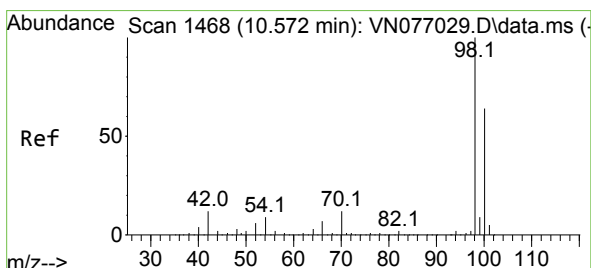
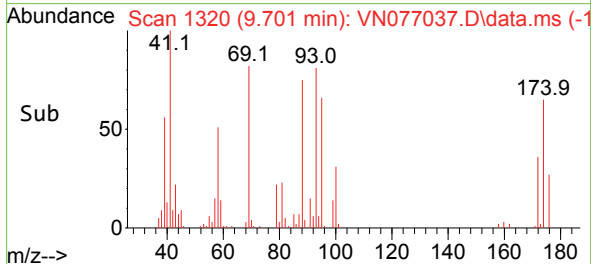
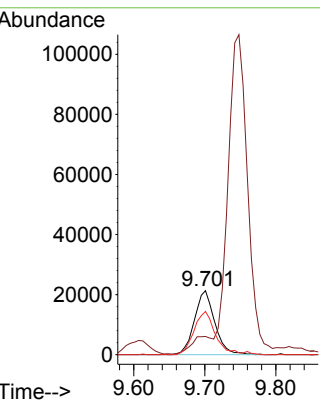
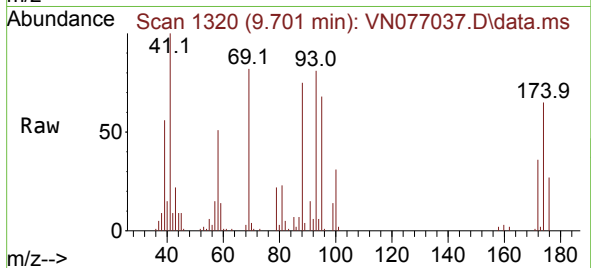
Tgt Ion: 88 Resp: 42379

Ion Ratio Lower Upper

88 100

43 25.6 22.2 33.2

58 70.9 60.8 91.2



#50

Toluene-d8

Concen: 45.281 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077037.D

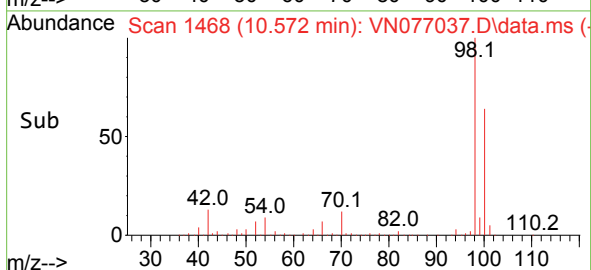
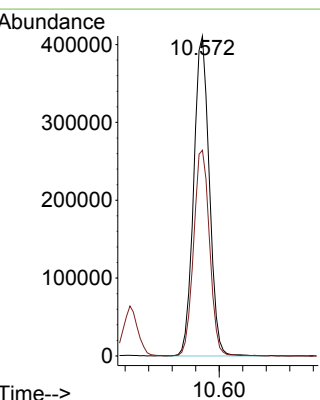
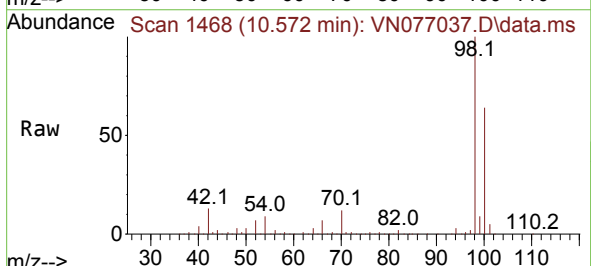
Acq: 17 Mar 2023 16:42

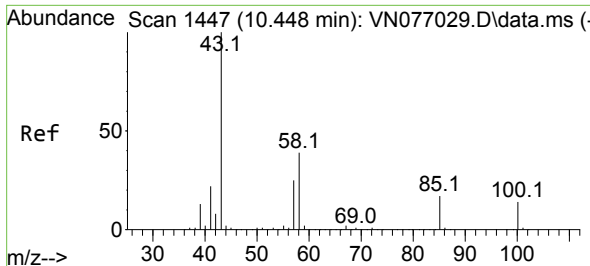
Tgt Ion: 98 Resp: 757984

Ion Ratio Lower Upper

98 100

100 65.8 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 101.762 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

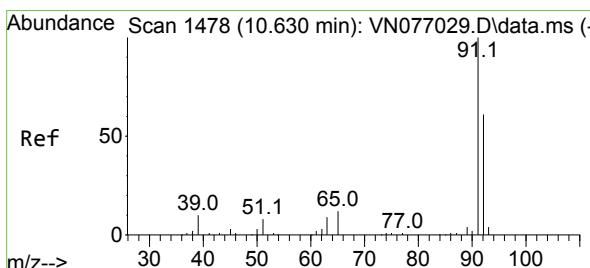
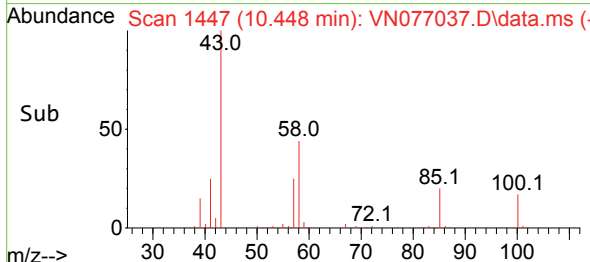
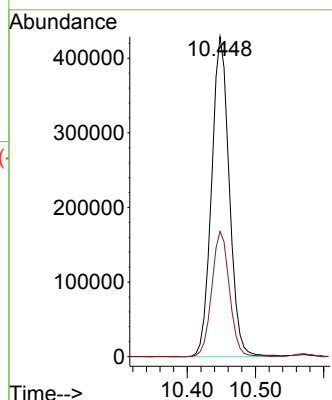
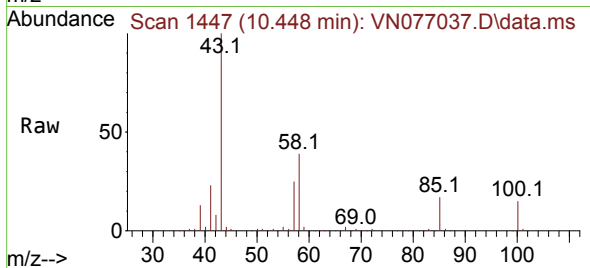
VN0317WBS01

Tgt Ion: 43 Resp: 775242

Ion Ratio Lower Upper

43 100

58 39.0 31.1 46.7



#52

Toluene

Concen: 20.000 ug/l

RT: 10.636 min Scan# 1479

Delta R.T. 0.006 min

Lab File: VN077037.D

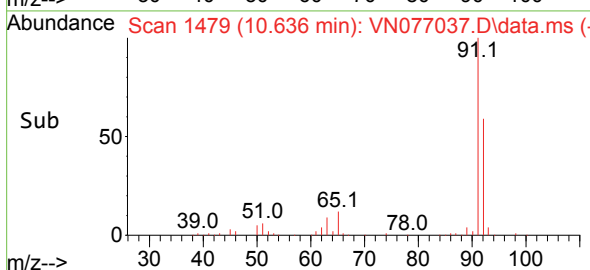
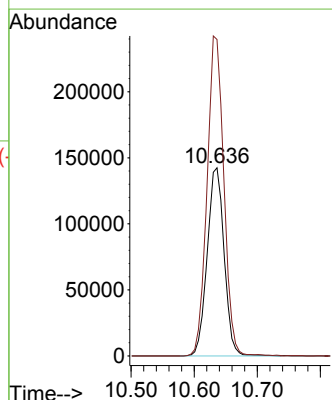
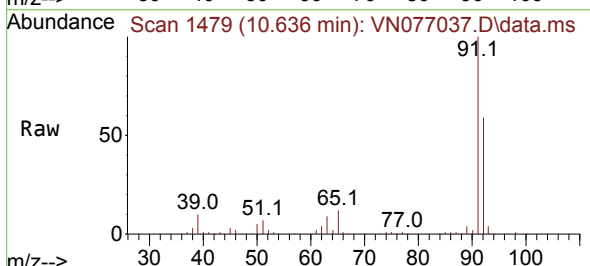
Acq: 17 Mar 2023 16:42

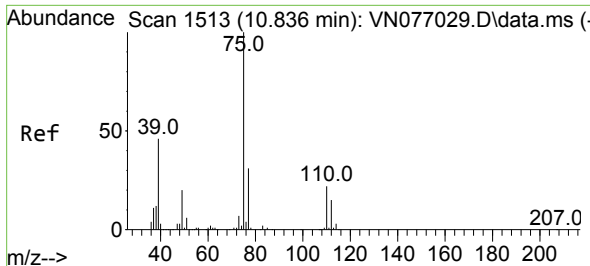
Tgt Ion: 92 Resp: 265078

Ion Ratio Lower Upper

92 100

91 169.0 135.8 203.8

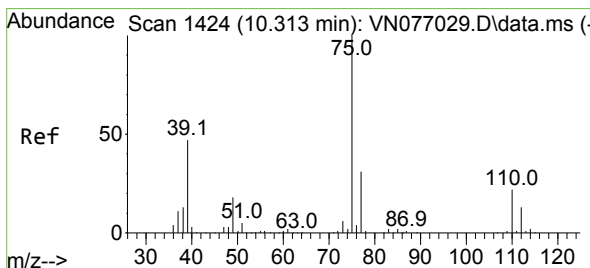
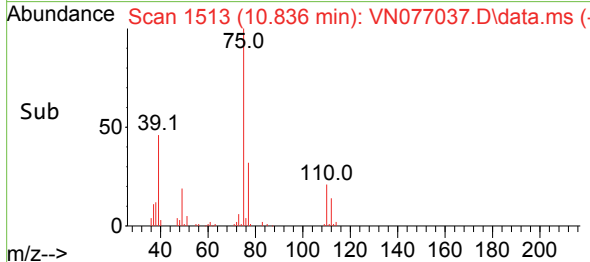
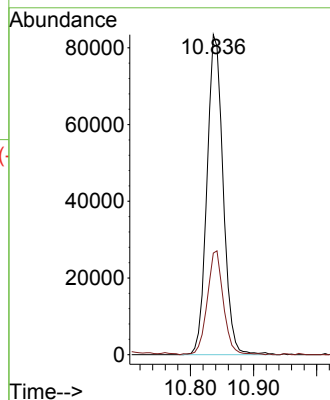
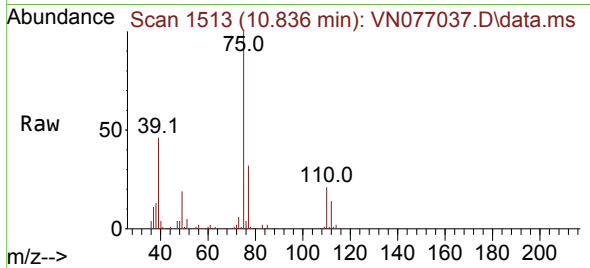




#53
 t-1,3-Dichloropropene
 Concen: 19.379 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN077037.D
 Acq: 17 Mar 2023 16:42

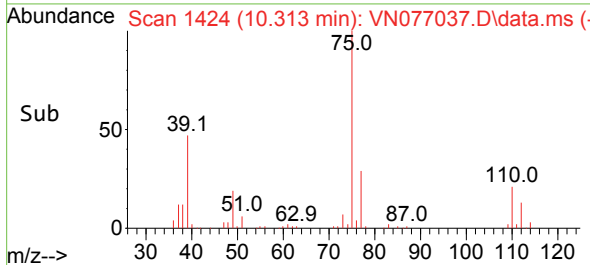
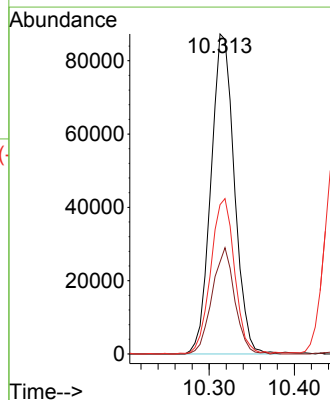
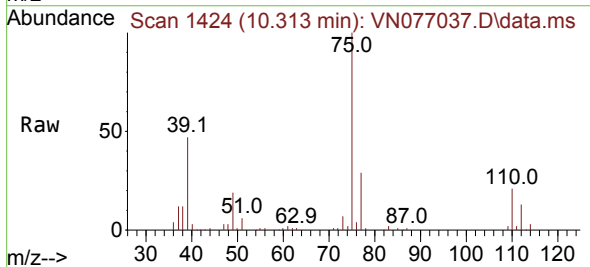
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBS01

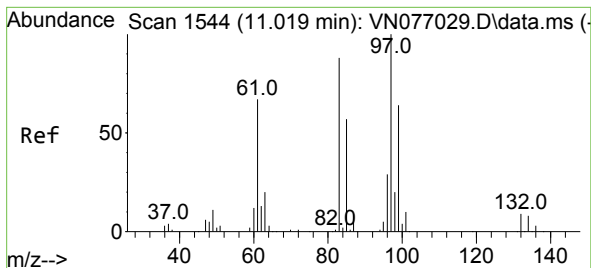
Tgt Ion: 75 Resp: 148118
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.334 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077037.D
 Acq: 17 Mar 2023 16:42

Tgt Ion: 75 Resp: 166734
 Ion Ratio Lower Upper
 75 100
 77 28.7 24.5 36.7
 39 46.4 37.8 56.6





#55

1,1,2-Trichloroethane

Concen: 19.270 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

Tgt Ion: 97 Resp: 100713

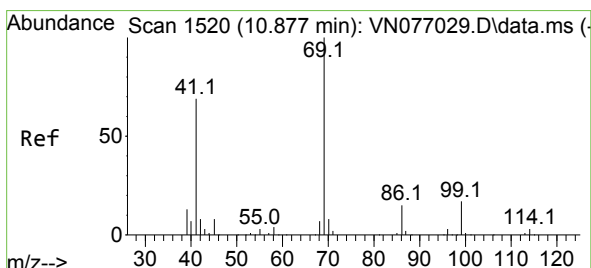
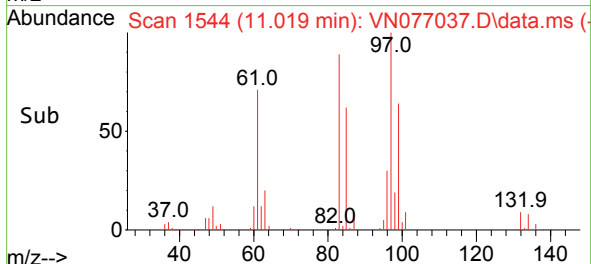
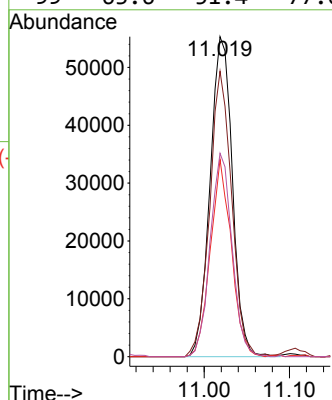
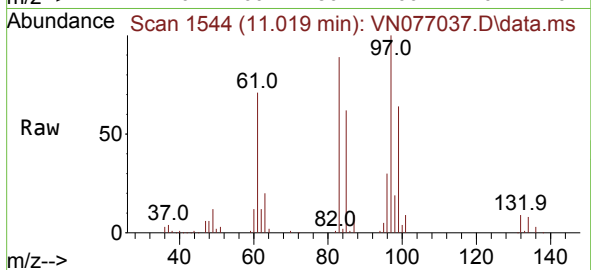
Ion Ratio Lower Upper

97 100

83 89.2 70.5 105.7

85 61.7 45.4 68.2

99 63.6 51.4 77.0



#56

Ethyl methacrylate

Concen: 19.959 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

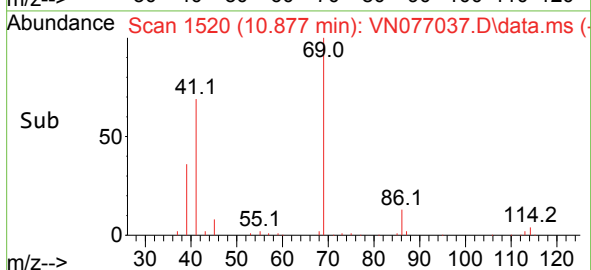
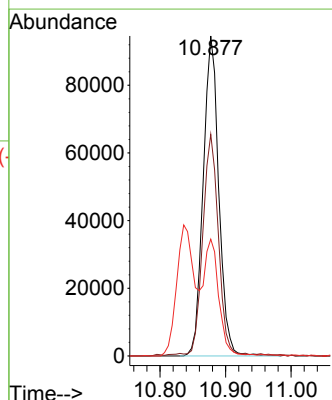
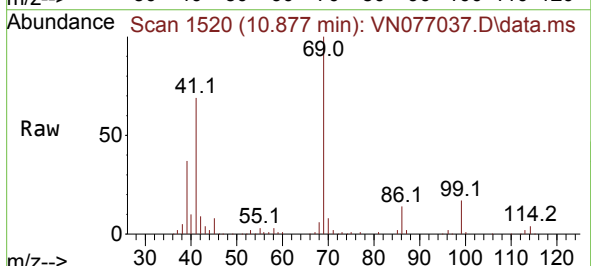
Tgt Ion: 69 Resp: 156857

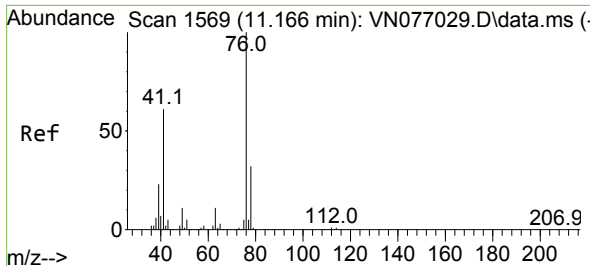
Ion Ratio Lower Upper

69 100

41 69.2 54.9 82.3

39 33.8 26.6 40.0

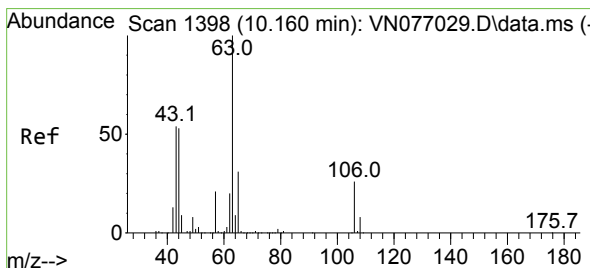
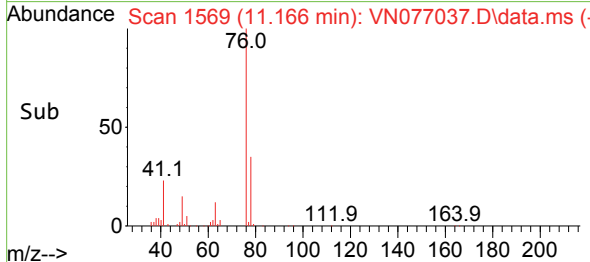
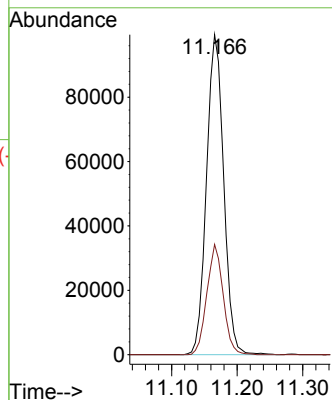
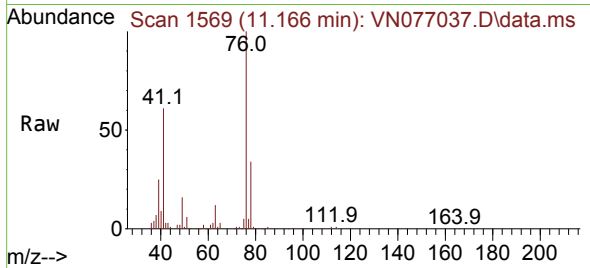




#57
1,3-Dichloropropane
Concen: 18.950 ug/l
RT: 11.166 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

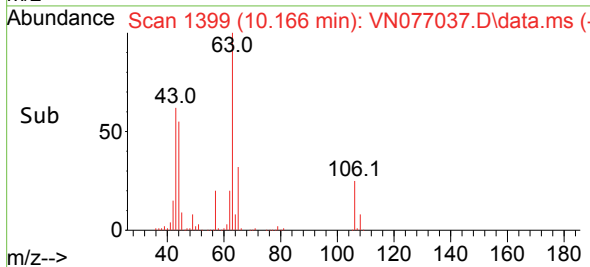
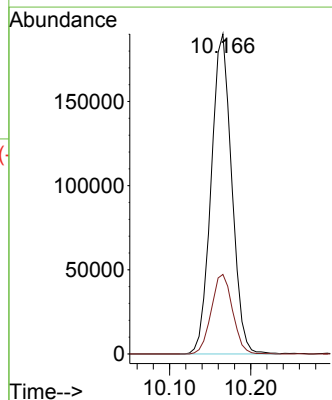
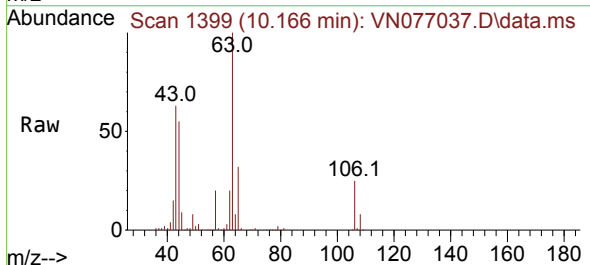
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

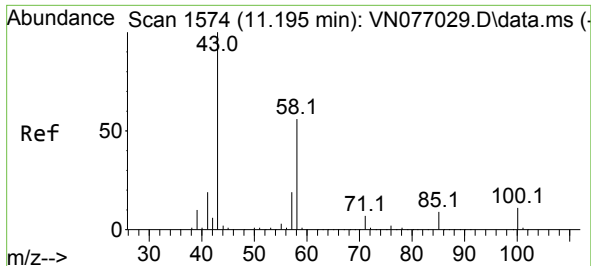
Tgt Ion: 76 Resp: 181326
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 99.791 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 63 Resp: 334352
Ion Ratio Lower Upper
63 100
106 25.7 20.6 31.0

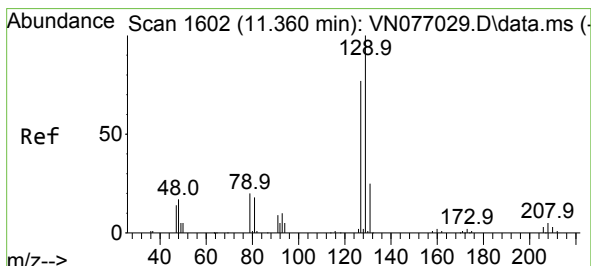
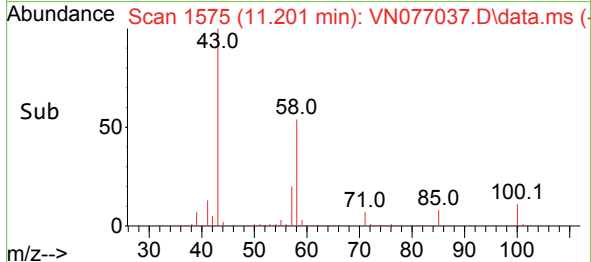
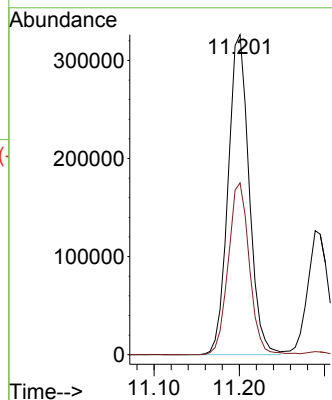
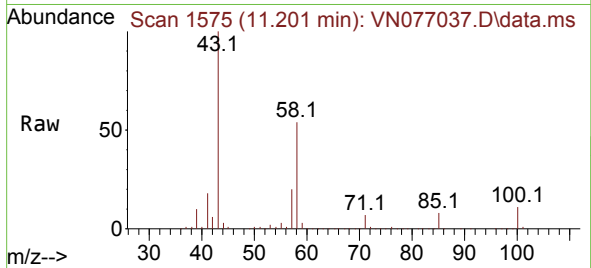




#59
2-Hexanone
Concen: 100.982 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

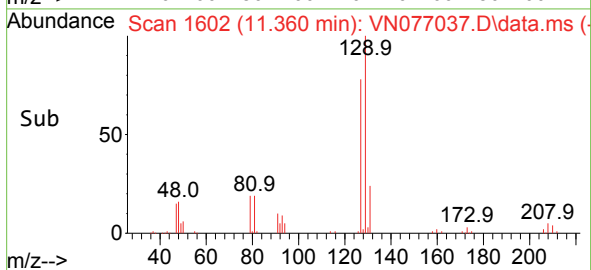
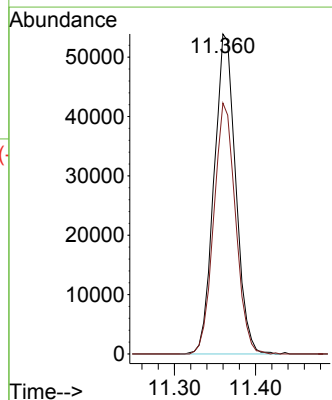
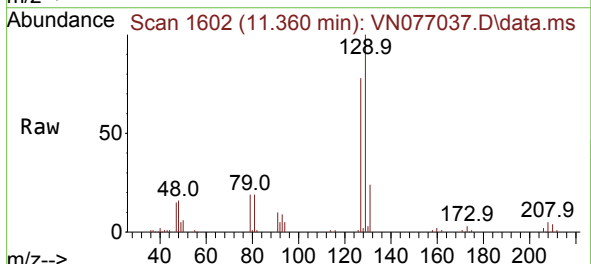
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

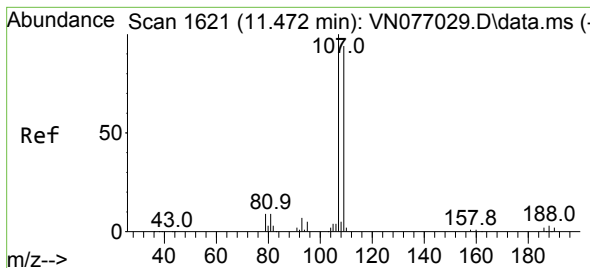
Tgt Ion: 43 Resp: 557979
Ion Ratio Lower Upper
43 100
58 54.0 27.7 83.1



#60
Dibromochloromethane
Concen: 19.024 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion:129 Resp: 99874
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.7

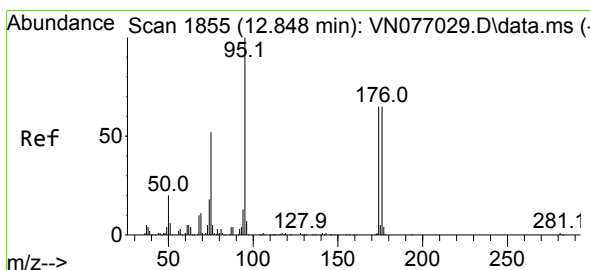
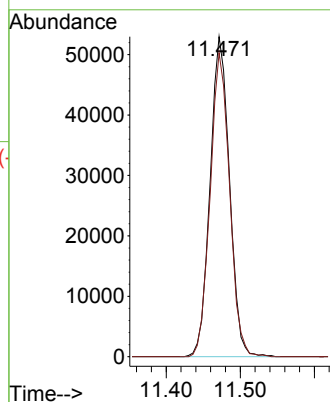
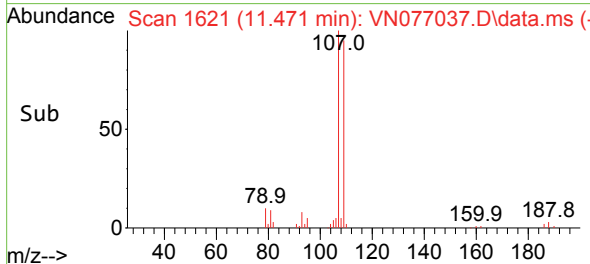
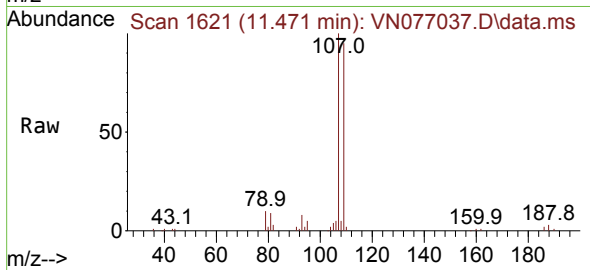




#61
1,2-Dibromoethane
Concen: 18.576 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

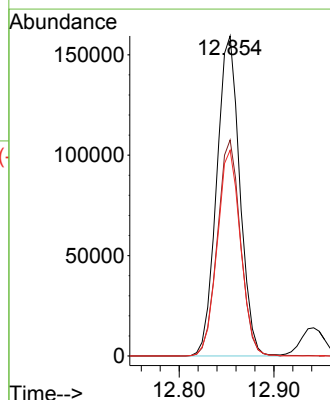
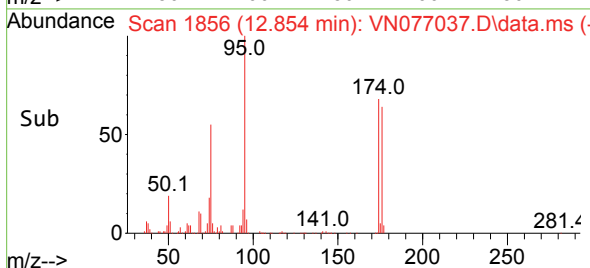
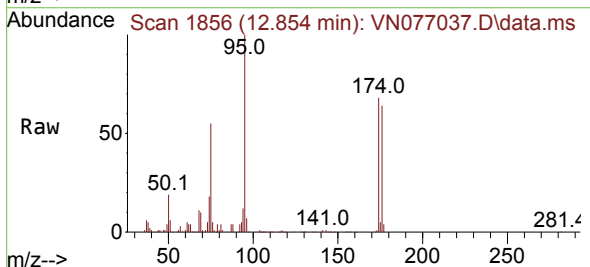
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

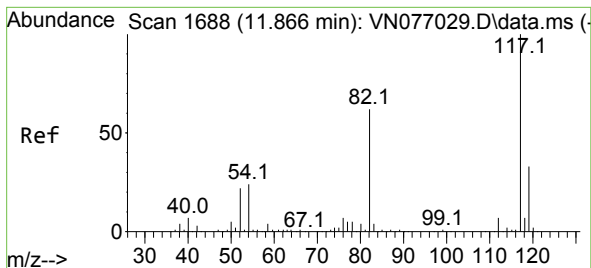
Tgt Ion:107 Resp: 96278
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.669 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 95 Resp: 270138
Ion Ratio Lower Upper
95 100
174 67.2 0.0 136.6
176 64.9 0.0 130.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

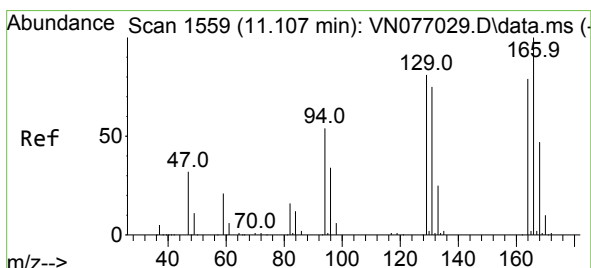
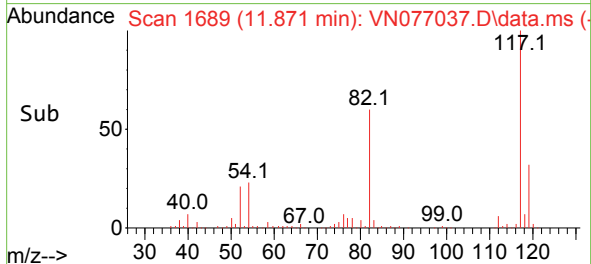
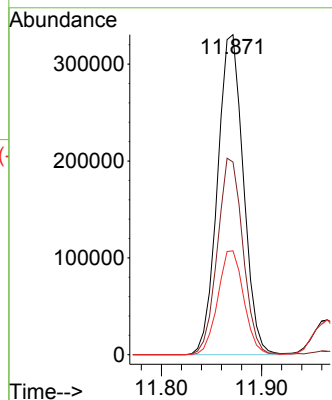
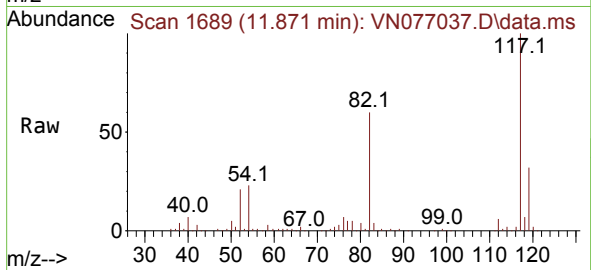
Tgt Ion:117 Resp: 592705

Ion Ratio Lower Upper

117 100

82 60.2 49.4 74.0

119 32.4 26.5 39.7



#64

Tetrachloroethene

Concen: 19.191 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Tgt Ion:164 Resp: 76340

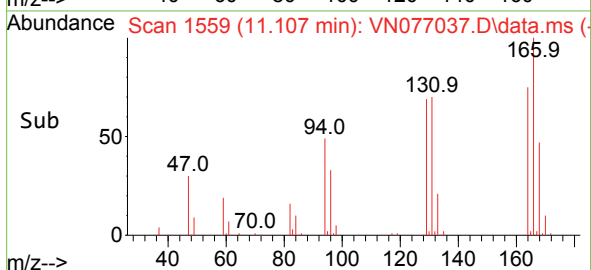
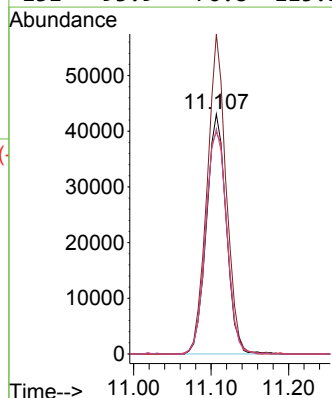
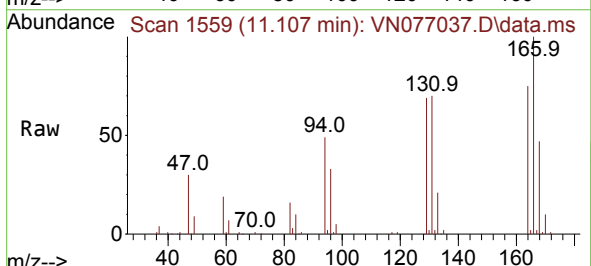
Ion Ratio Lower Upper

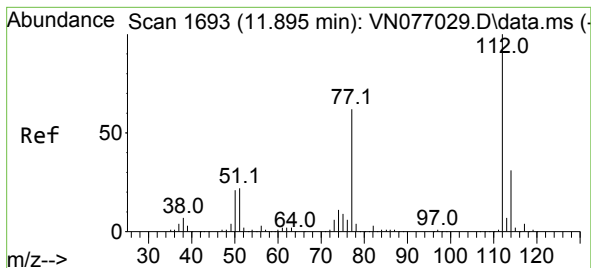
164 100

166 133.4 101.9 152.9

129 92.5 82.6 123.8

131 93.9 76.8 115.2

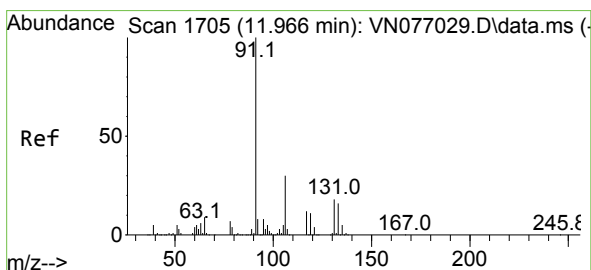
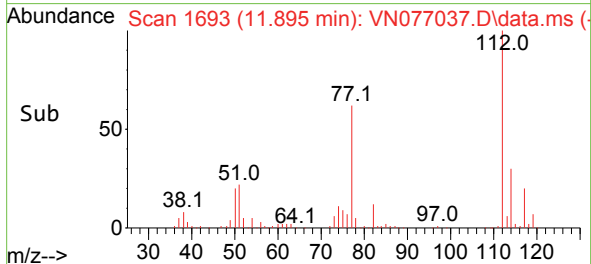
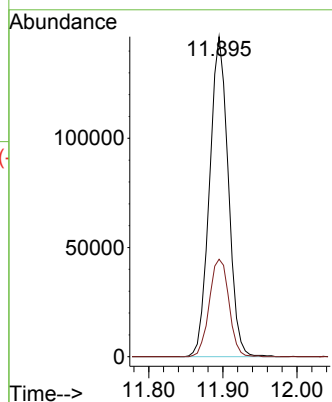
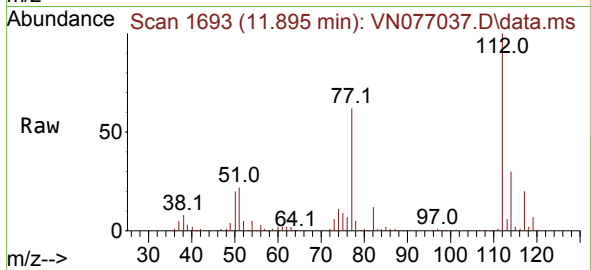




#65
Chlorobenzene
Concen: 18.835 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

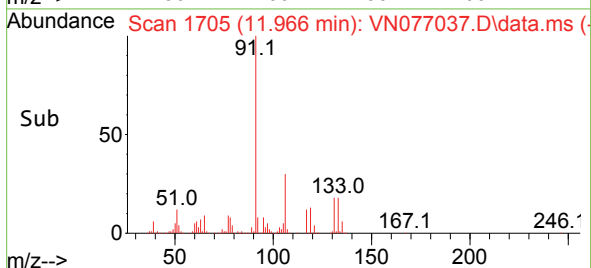
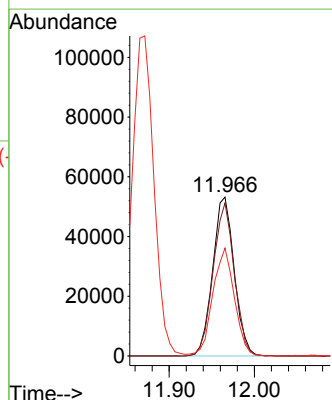
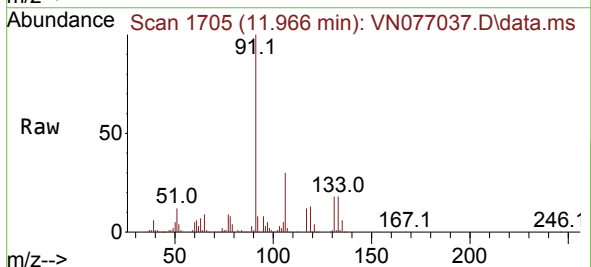
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

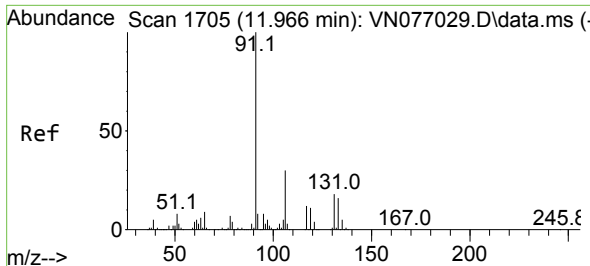
Tgt Ion:112 Resp: 256855
Ion Ratio Lower Upper
112 100
114 30.4 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.542 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion:131 Resp: 93565
Ion Ratio Lower Upper
131 100
133 94.6 46.8 140.3
119 67.9 32.6 97.8

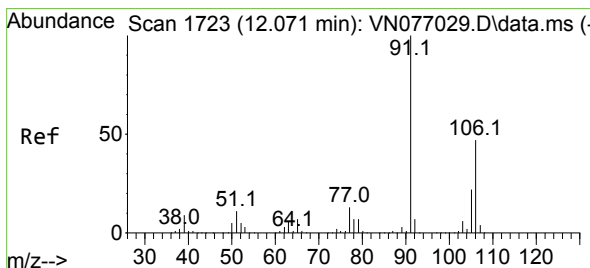
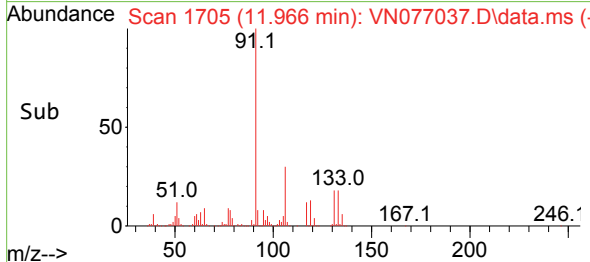
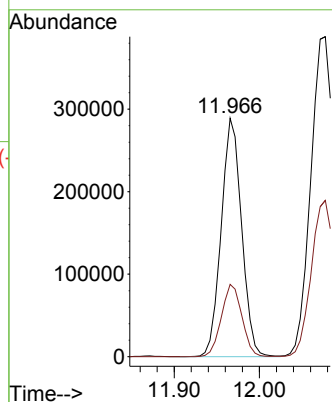
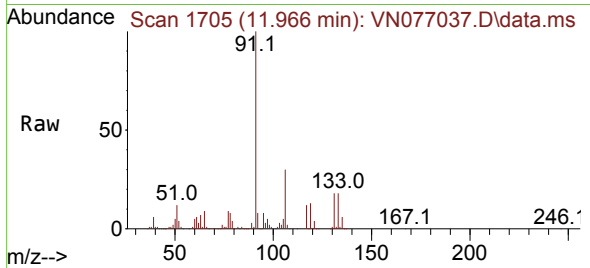




#67
Ethyl Benzene
Concen: 19.403 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

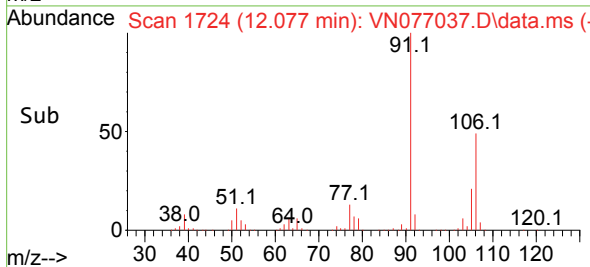
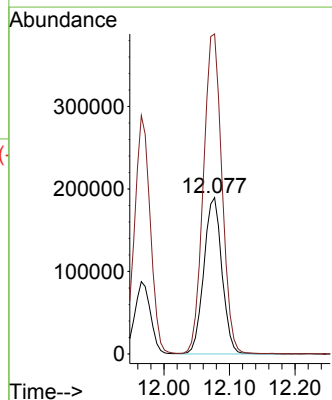
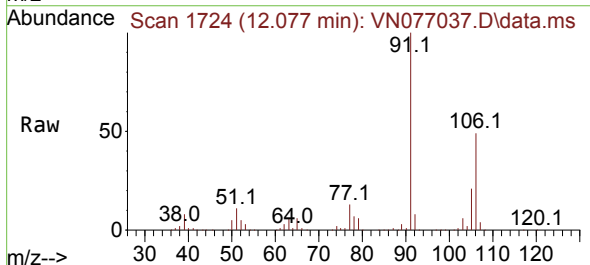
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

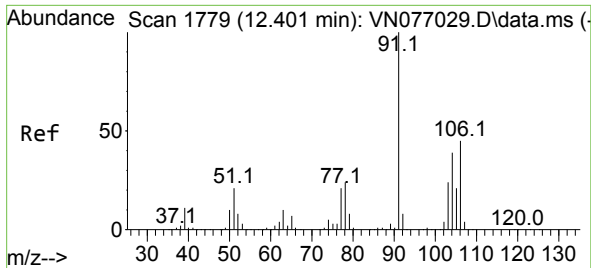
Tgt Ion: 91 Resp: 480622
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 39.665 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion:106 Resp: 364387
Ion Ratio Lower Upper
106 100
91 209.8 168.0 252.0

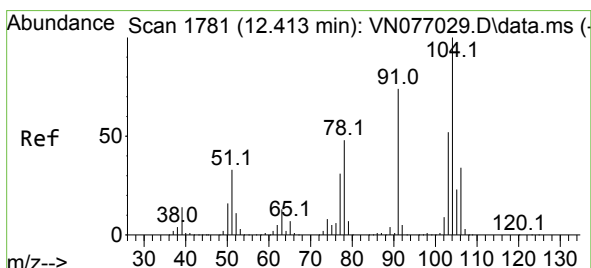
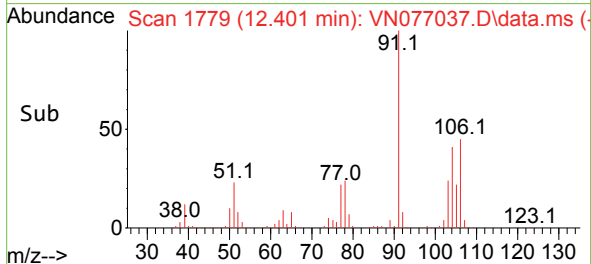
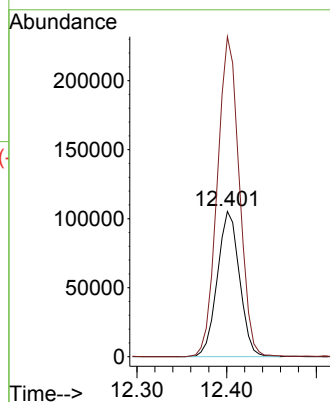
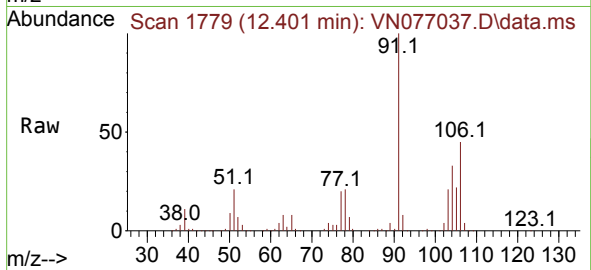




#69
o-Xylene
Concen: 19.795 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

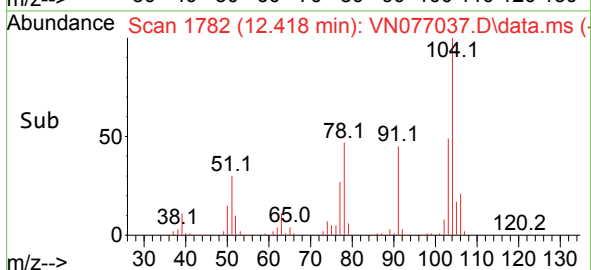
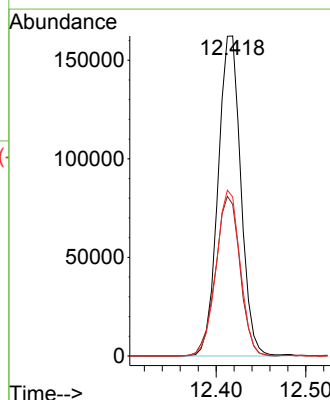
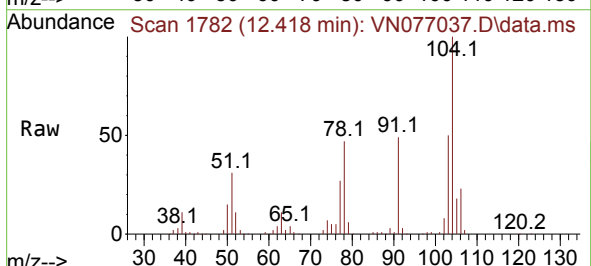
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

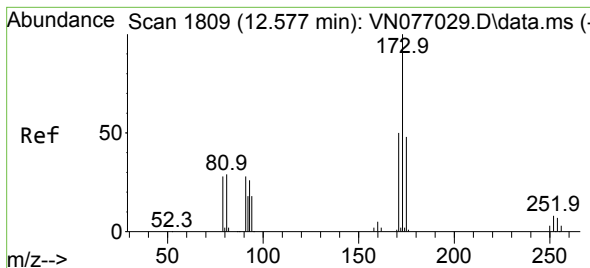
Tgt Ion:106 Resp: 180690
Ion Ratio Lower Upper
106 100
91 218.3 110.3 330.9



#70
Styrene
Concen: 20.132 ug/l
RT: 12.418 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion:104 Resp: 286102
Ion Ratio Lower Upper
104 100
78 53.6 41.8 62.8
103 54.6 43.8 65.6





#71

Bromoform

Concen: 18.953 ug/l

RT: 12.583 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

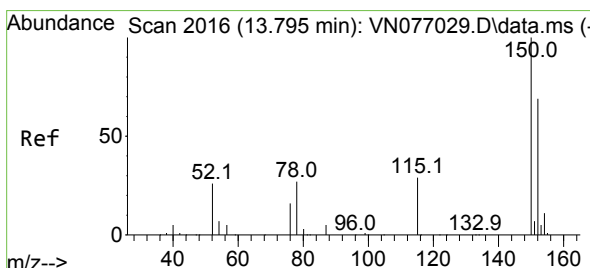
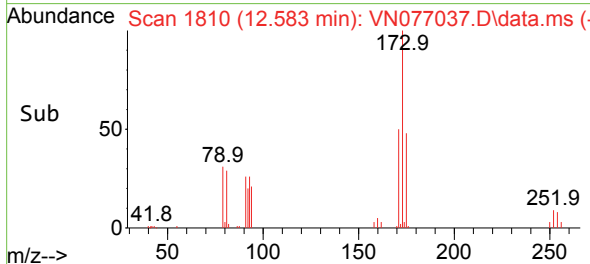
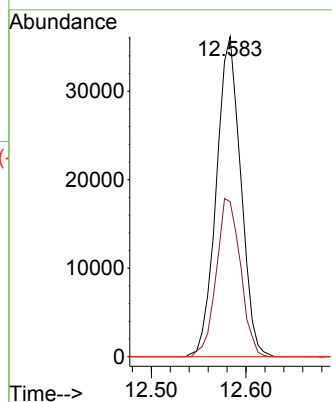
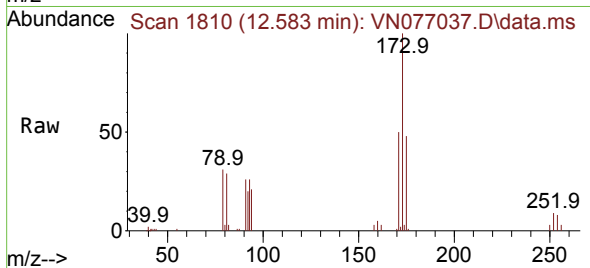
Tgt Ion:173 Resp: 64806

Ion Ratio Lower Upper

173 100

175 49.0 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: VN077037.D

Acq: 17 Mar 2023 16:42

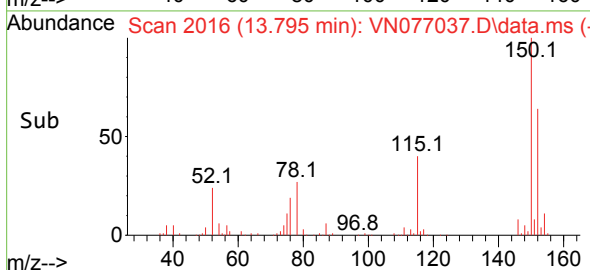
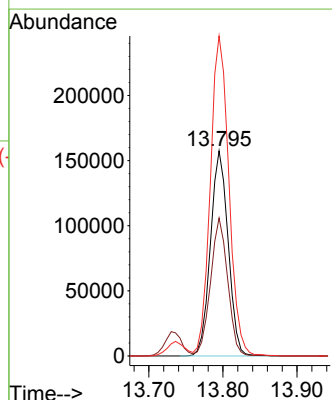
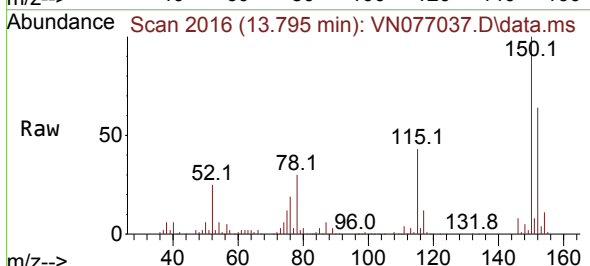
Tgt Ion:152 Resp: 260658

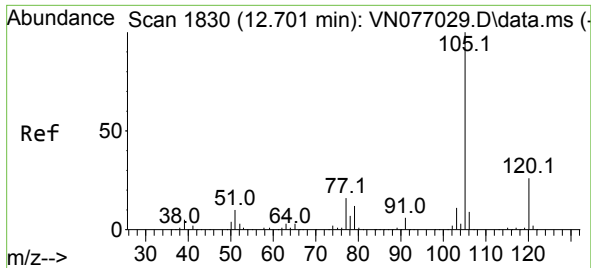
Ion Ratio Lower Upper

152 100

115 65.3 31.9 95.7

150 164.0 0.0 348.0

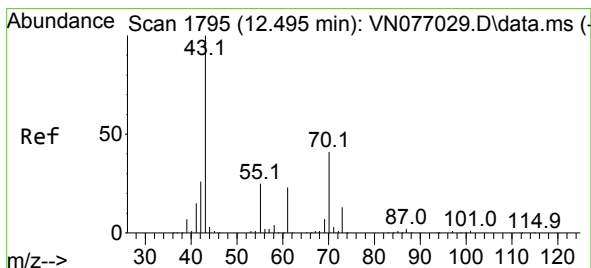
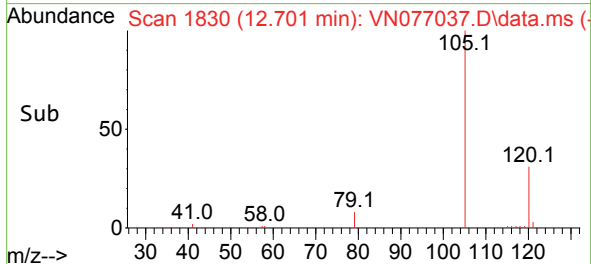
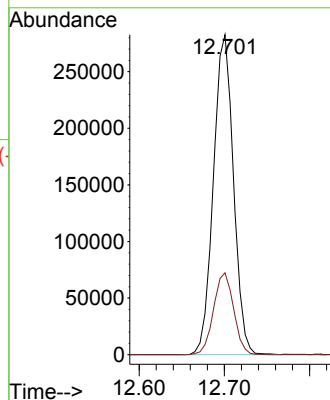
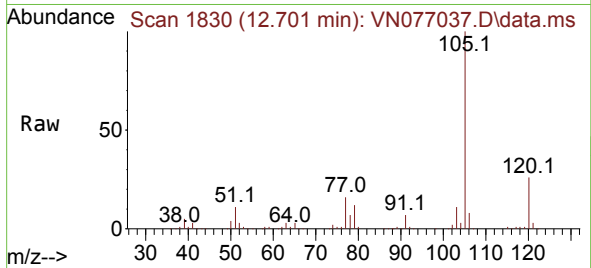




#73
Isopropylbenzene
Concen: 19.752 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

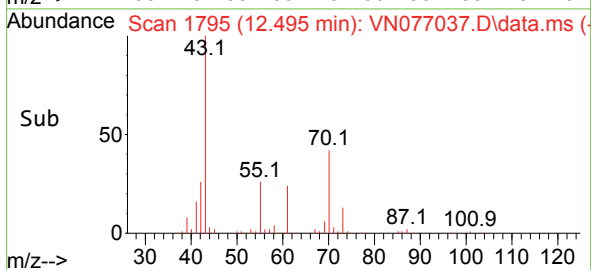
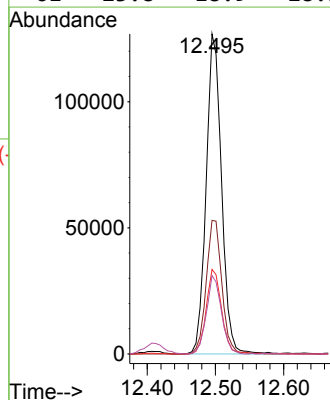
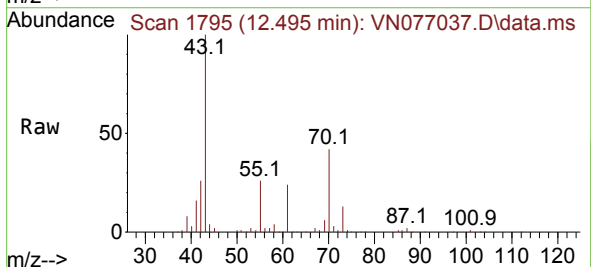
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

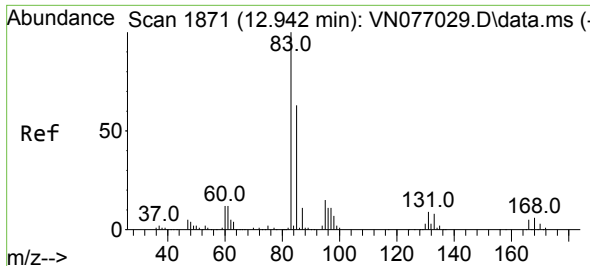
Tgt Ion:105 Resp: 461387
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4



#74
N-ethyl acetate
Concen: 19.732 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 43 Resp: 199501
Ion Ratio Lower Upper
43 100
70 42.5 33.6 50.4
55 26.5 20.3 30.5
61 23.8 18.9 28.3

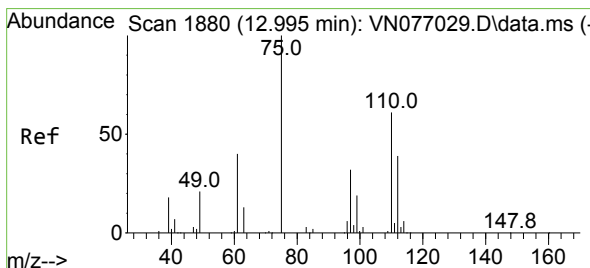
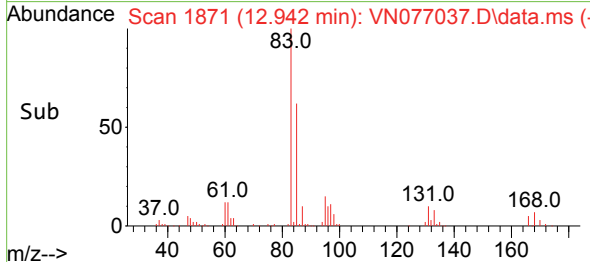
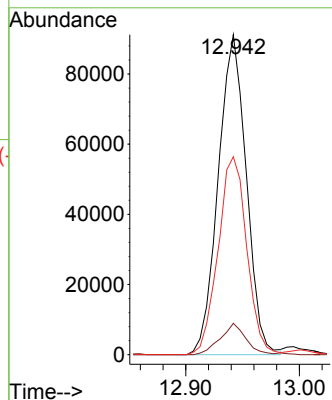
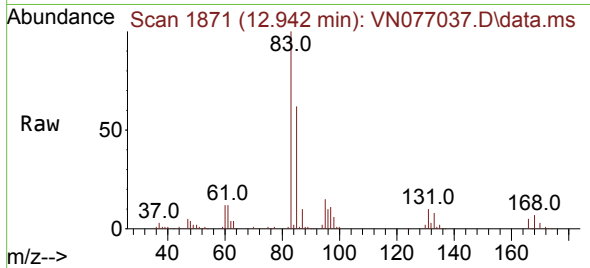




#75
1,1,2,2-Tetrachloroethane
Concen: 18.502 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

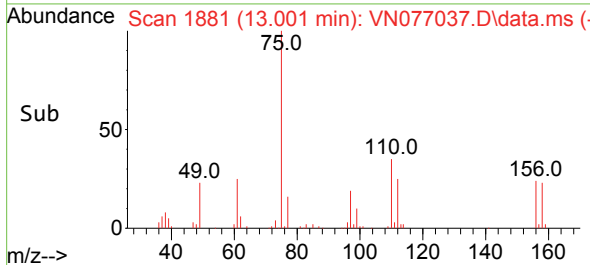
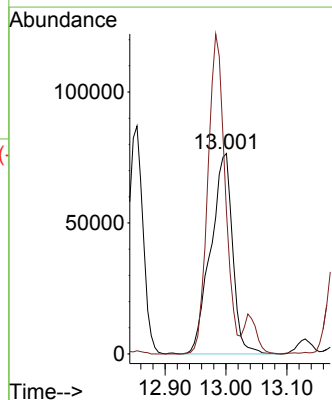
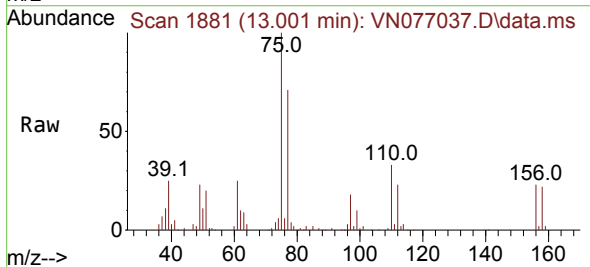
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

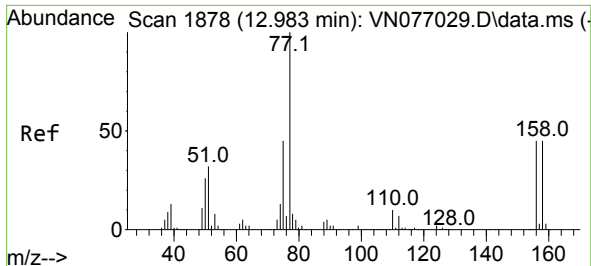
Tgt Ion: 83 Resp: 156576
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 63.0 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 28.338 ug/l
RT: 13.001 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 75 Resp: 191060
Ion Ratio Lower Upper
75 100
77 126.6 107.3 322.0

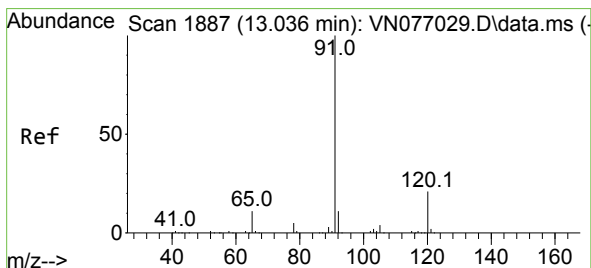
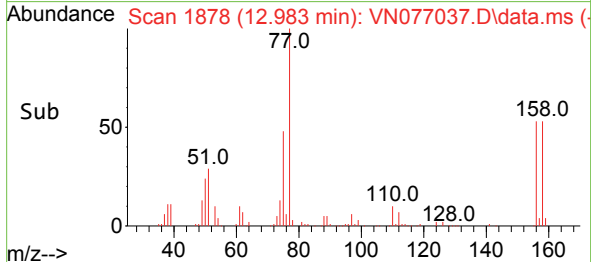
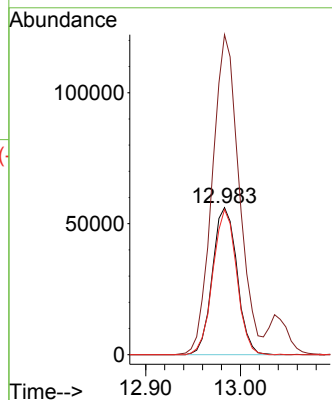
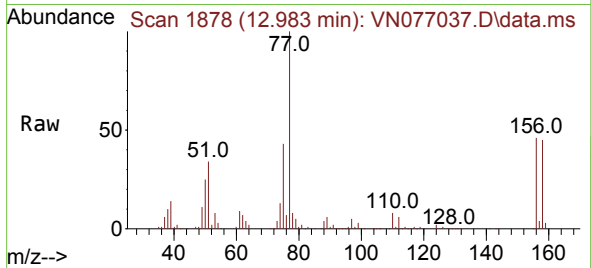




#77
 Bromobenzene
 Concen: 19.275 ug/l
 RT: 12.983 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN077037.D
 Acq: 17 Mar 2023 16:42

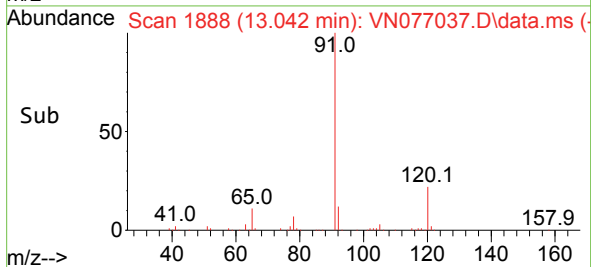
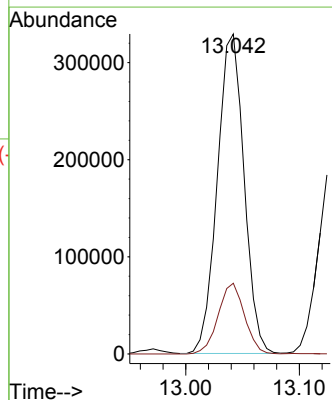
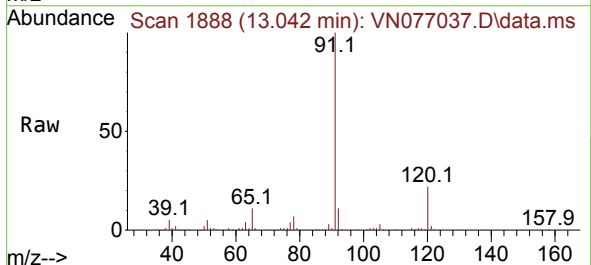
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBS01

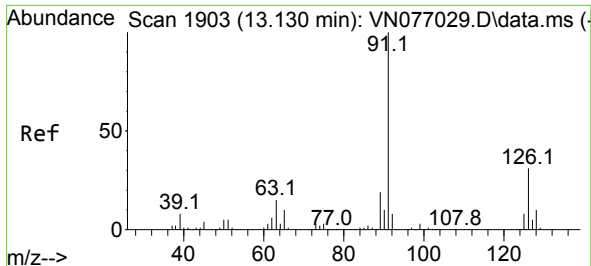
Tgt Ion:156 Resp: 100861
 Ion Ratio Lower Upper
 156 100
 77 239.8 124.8 374.3
 158 95.9 48.6 145.9



#78
 n-propylbenzene
 Concen: 19.964 ug/l
 RT: 13.042 min Scan# 1888
 Delta R.T. 0.006 min
 Lab File: VN077037.D
 Acq: 17 Mar 2023 16:42

Tgt Ion: 91 Resp: 538342
 Ion Ratio Lower Upper
 91 100
 120 21.7 10.8 32.3

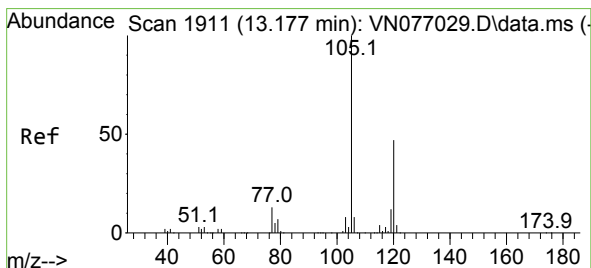
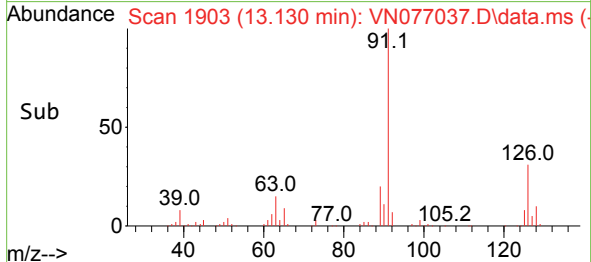
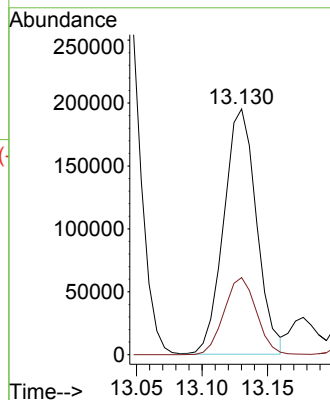
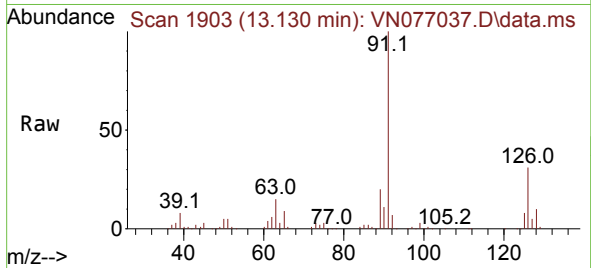




#79
2-Chlorotoluene
Concen: 19.748 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

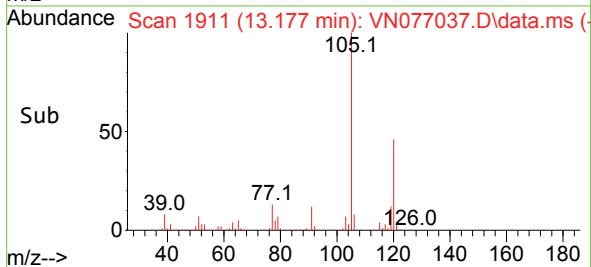
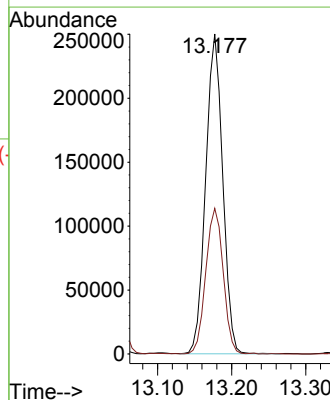
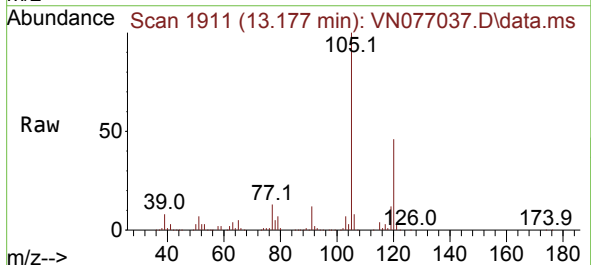
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MSVOA_N
ClientSampleId :
VN0317WBS01

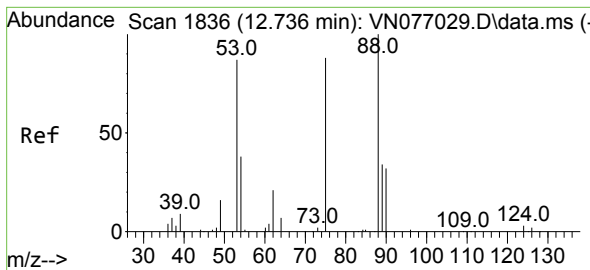
Tgt Ion: 91 Resp: 339320
Ion Ratio Lower Upper
91 100
126 31.0 15.2 45.5



#80
1,3,5-Trimethylbenzene
Concen: 20.449 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 105 Resp: 398818
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.2

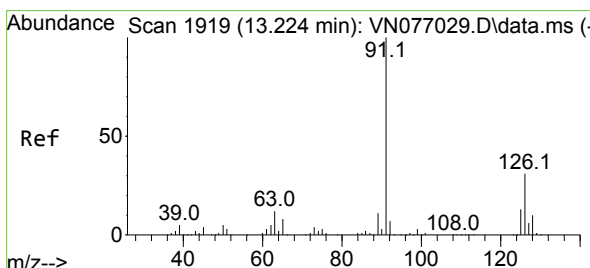
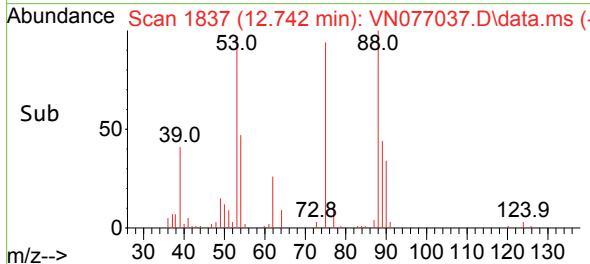
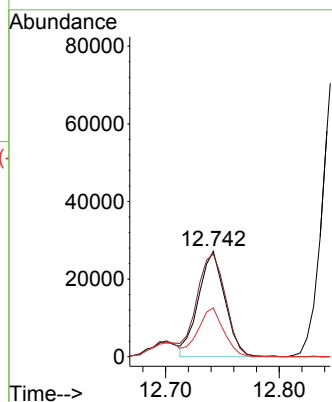
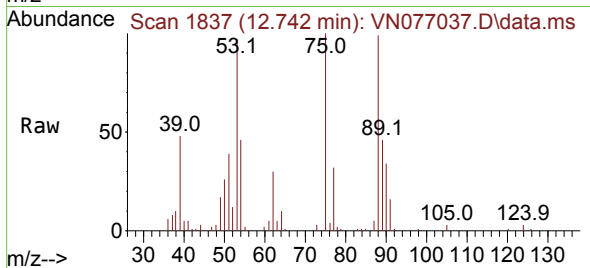




#81
trans-1,4-Dichloro-2-butene
Concen: 17.922 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

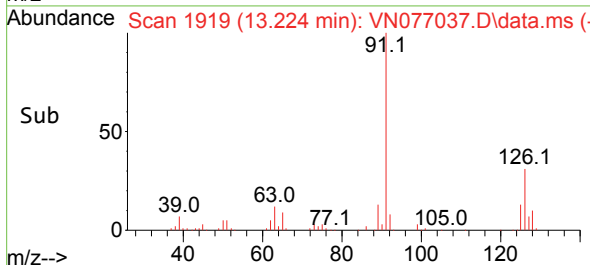
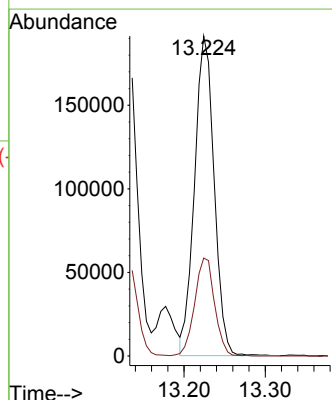
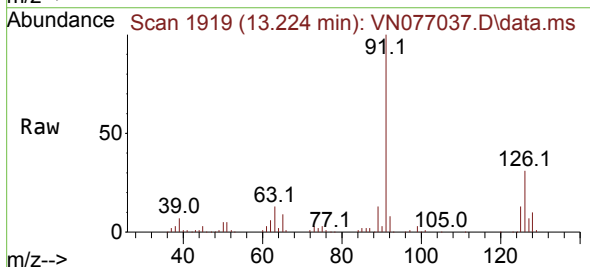
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

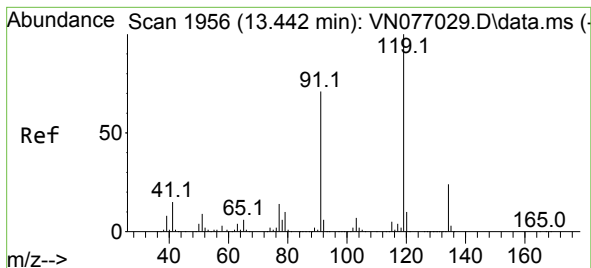
Tgt Ion: 75 Resp: 43899
Ion Ratio Lower Upper
75 100
53 121.4 80.8 121.2#
89 45.5 34.2 51.4



#82
4-Chlorotoluene
Concen: 19.647 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 91 Resp: 321017
Ion Ratio Lower Upper
91 100
126 31.2 15.5 46.5





#83

tert-Butylbenzene

Concen: 19.890 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

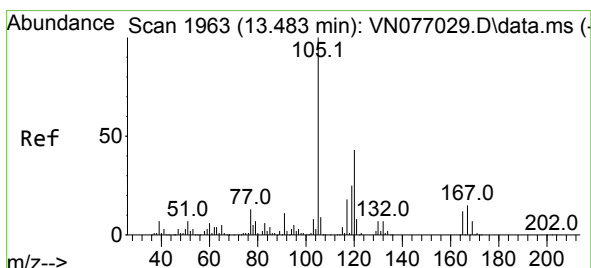
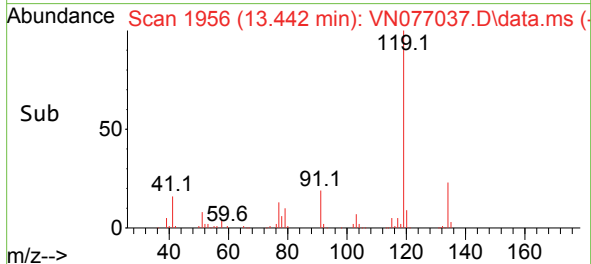
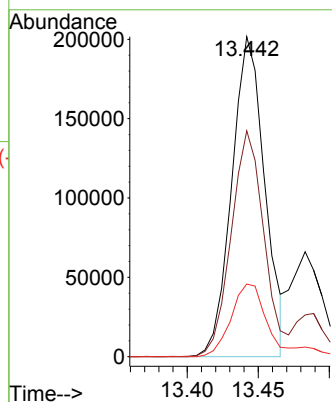
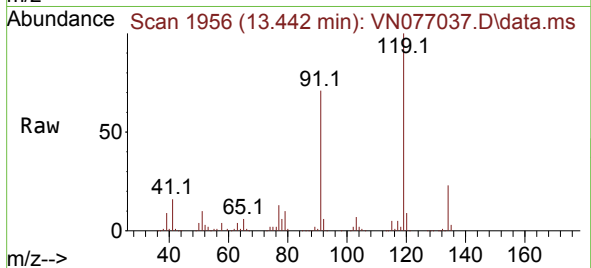
Tgt Ion:119 Resp: 325701

Ion Ratio Lower Upper

119 100

91 70.5 35.8 107.3

134 26.3 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 20.200 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VN077037.D

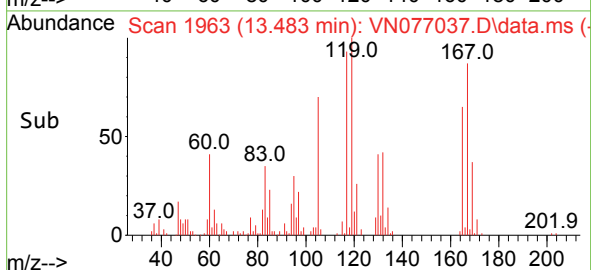
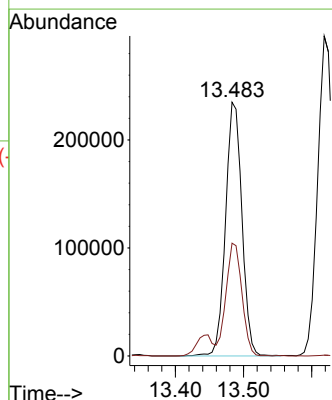
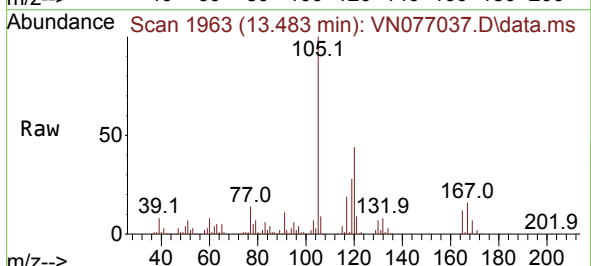
Acq: 17 Mar 2023 16:42

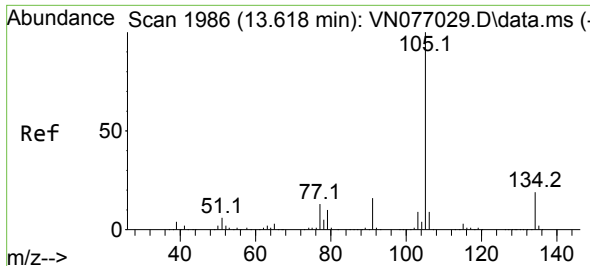
Tgt Ion:105 Resp: 393133

Ion Ratio Lower Upper

105 100

120 43.1 21.8 65.3

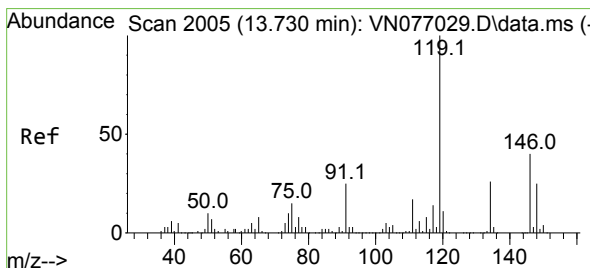
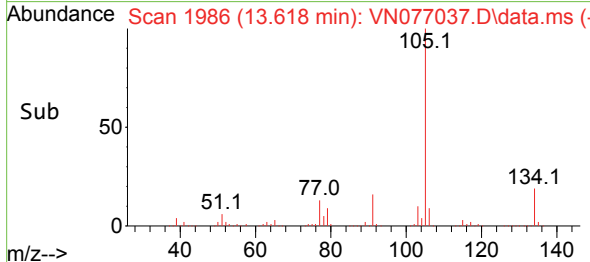
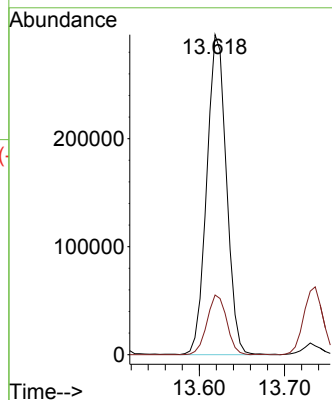
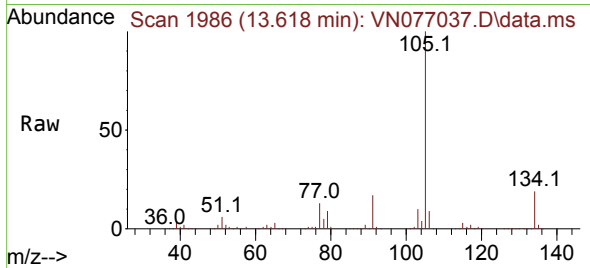




#85
sec-Butylbenzene
Concen: 20.402 ug/l
RT: 13.618 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

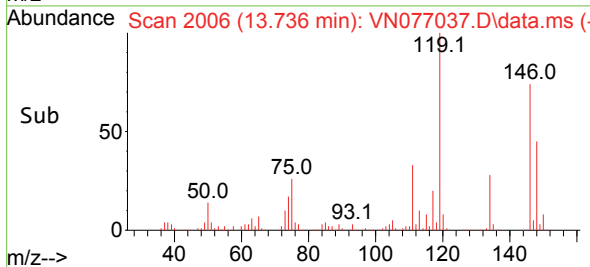
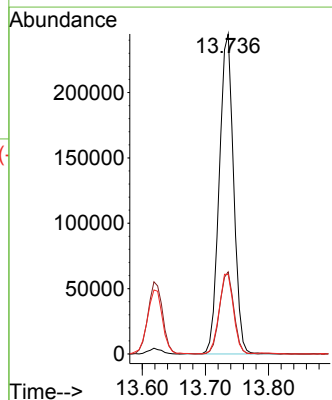
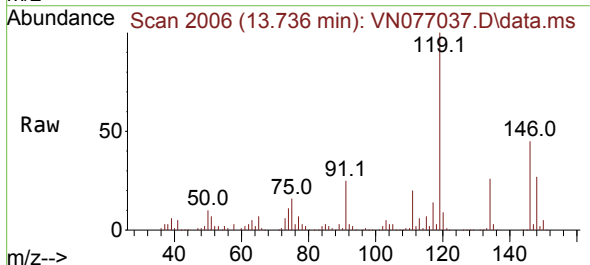
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

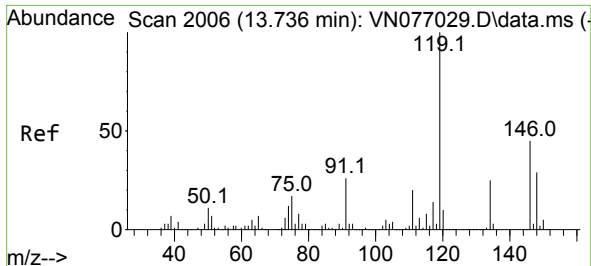
Tgt Ion:105 Resp: 475238
Ion Ratio Lower Upper
105 100
134 18.7 9.3 27.9



#86
p-Isopropyltoluene
Concen: 20.650 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion:119 Resp: 386275
Ion Ratio Lower Upper
119 100
134 25.4 12.8 38.4
91 25.3 12.7 38.1

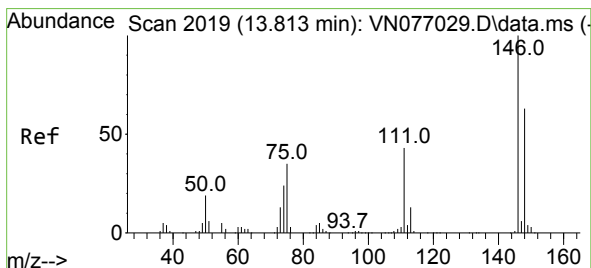
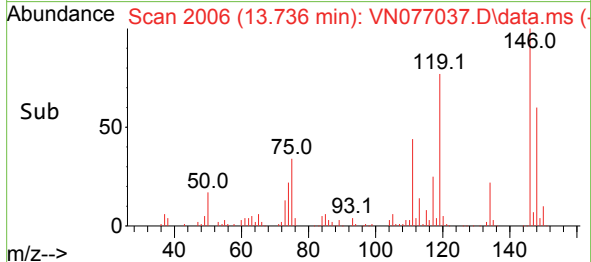
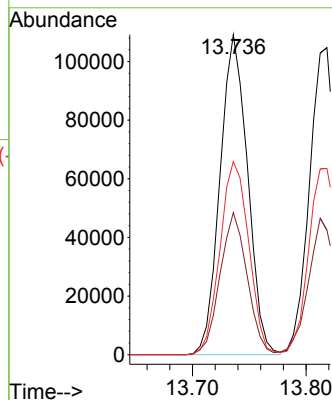
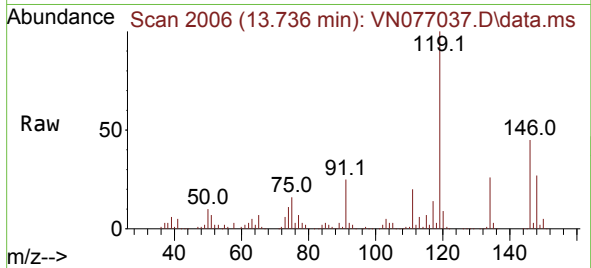




#87
1,3-Dichlorobenzene
Concen: 18.623 ug/l
RT: 13.736 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

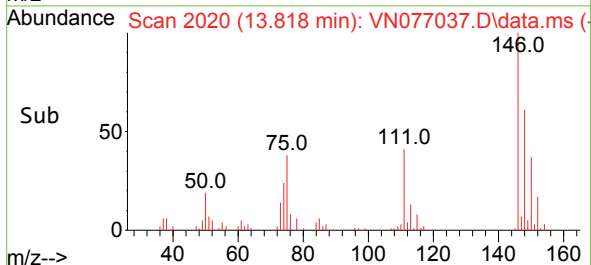
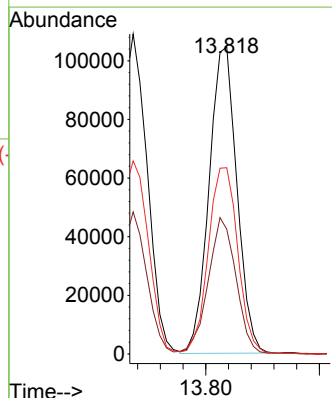
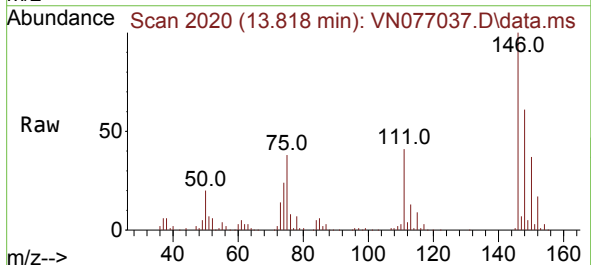
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

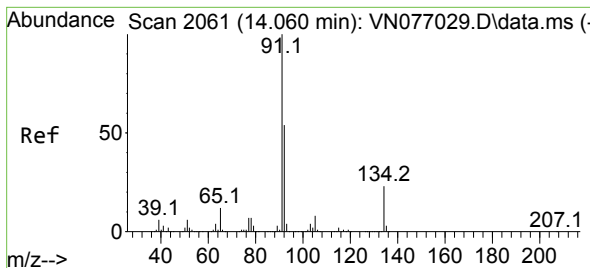
Tgt Ion:146 Resp: 184175
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.5
148 63.1 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 18.082 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion:146 Resp: 177924
Ion Ratio Lower Upper
146 100
111 44.3 21.5 64.5
148 64.6 31.9 95.9





#89

n-Butylbenzene

Concen: 19.610 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

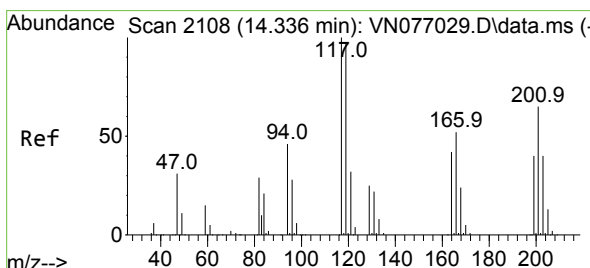
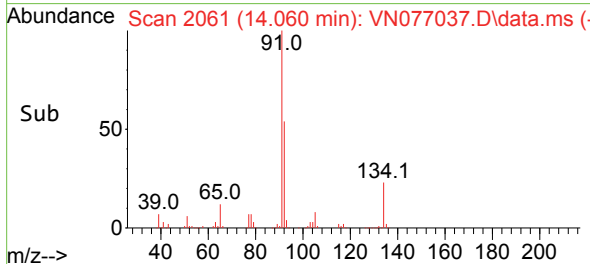
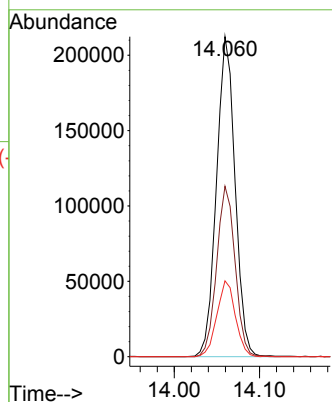
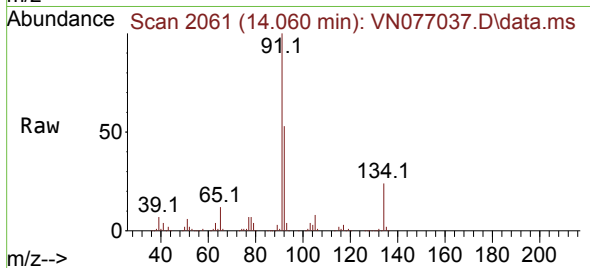
Tgt Ion: 91 Resp: 321798

Ion Ratio Lower Upper

91 100

92 52.7 26.5 79.5

134 23.6 11.7 35.1



#90

Hexachloroethane

Concen: 18.046 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077037.D

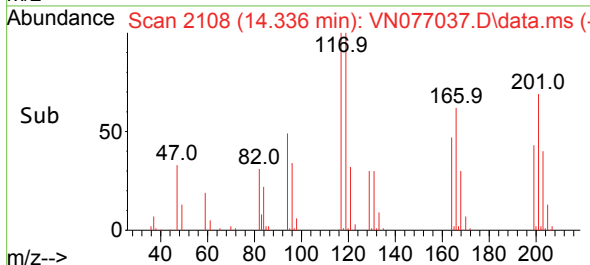
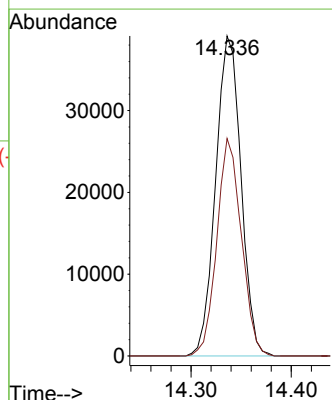
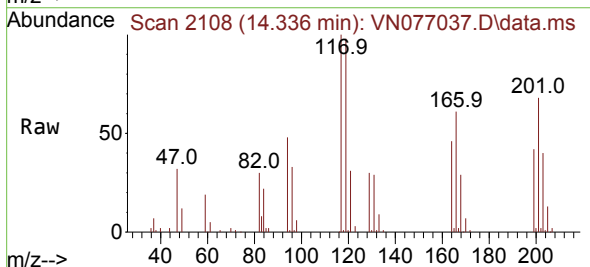
Acq: 17 Mar 2023 16:42

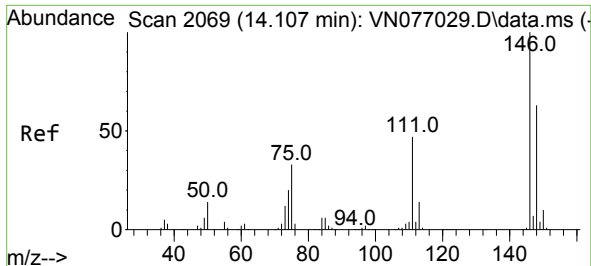
Tgt Ion: 117 Resp: 68632

Ion Ratio Lower Upper

117 100

201 65.8 32.5 97.4

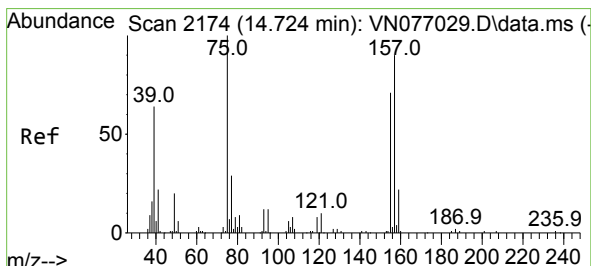
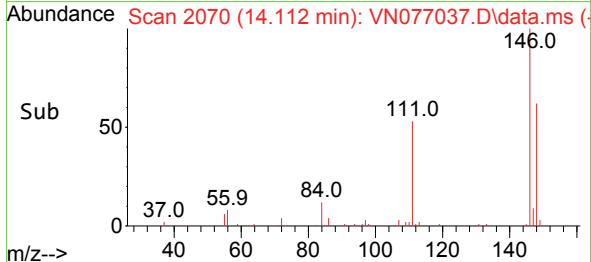
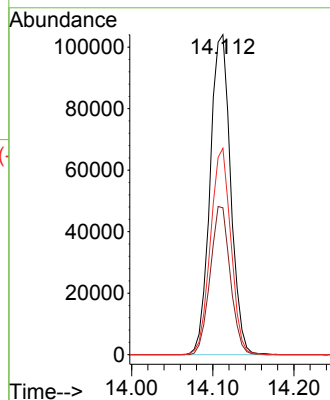
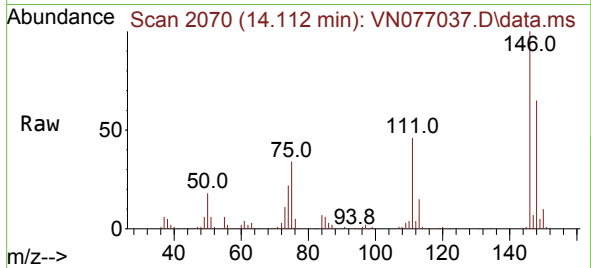




#91
1,2-Dichlorobenzene
Concen: 18.563 ug/l
RT: 14.112 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

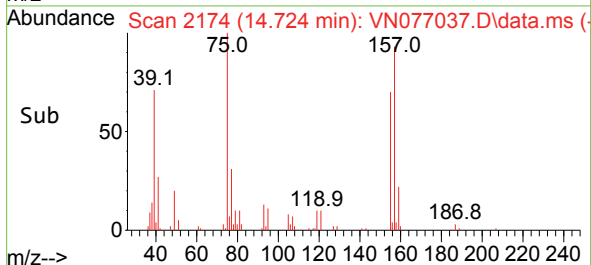
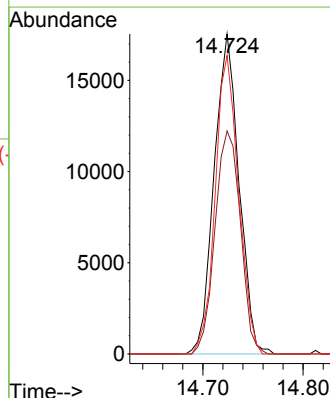
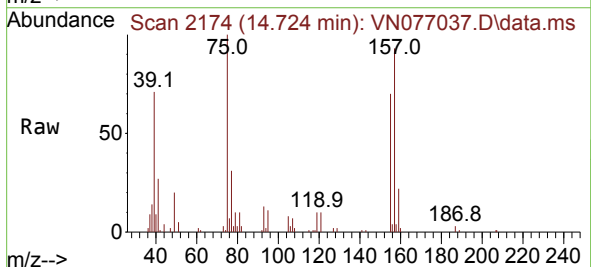
Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

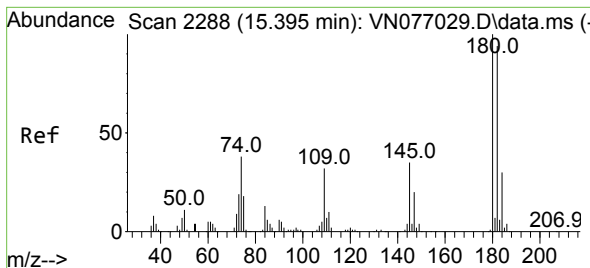
Tgt Ion:146 Resp: 182991
Ion Ratio Lower Upper
146 100
111 45.2 22.6 67.7
148 63.9 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.245 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion: 75 Resp: 30179
Ion Ratio Lower Upper
75 100
155 71.2 36.1 108.3
157 87.6 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 19.573 ug/l

RT: 15.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

VN0317WBS01

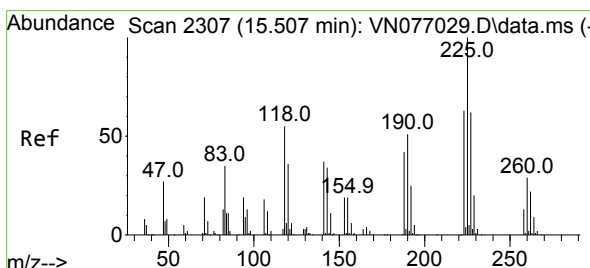
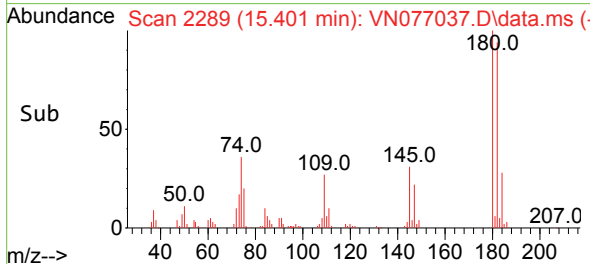
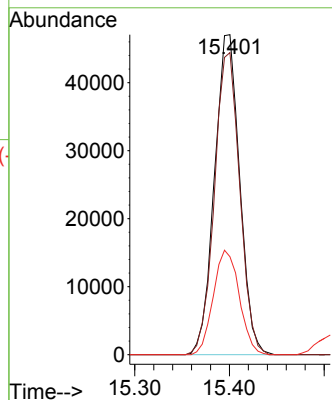
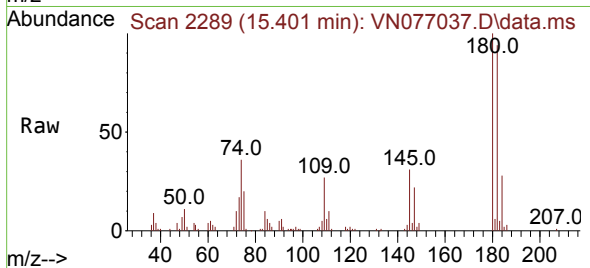
Tgt Ion:180 Resp: 87227

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 33.6 16.9 50.7



#94

Hexachlorobutadiene

Concen: 18.839 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.006 min

Lab File: VN077037.D

Acq: 17 Mar 2023 16:42

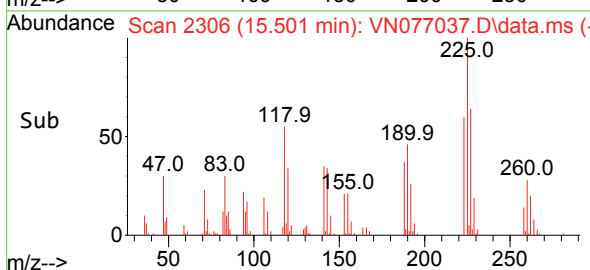
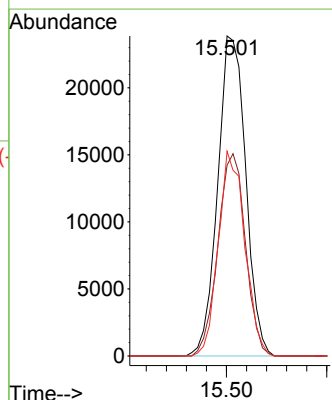
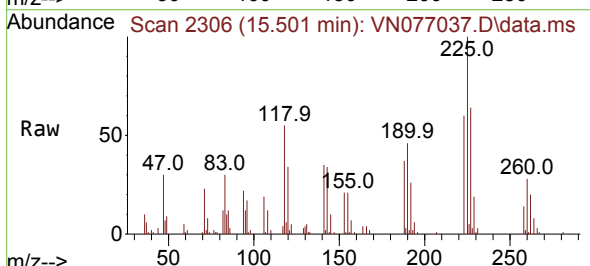
Tgt Ion:225 Resp: 46235

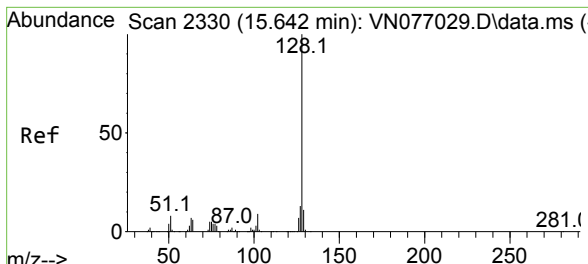
Ion Ratio Lower Upper

225 100

223 62.1 31.6 95.0

227 60.3 31.3 93.8

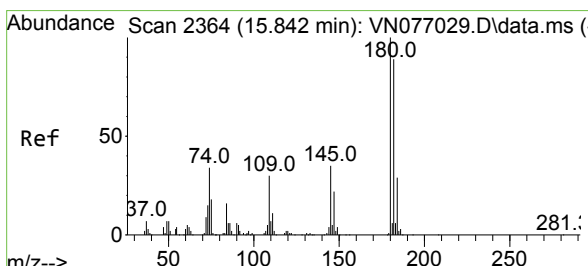
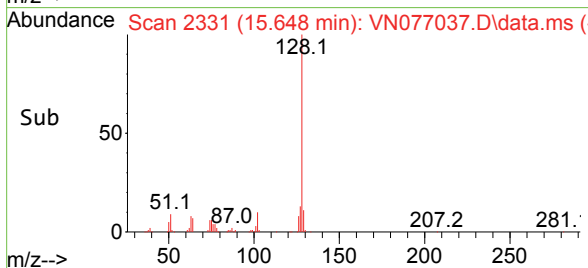
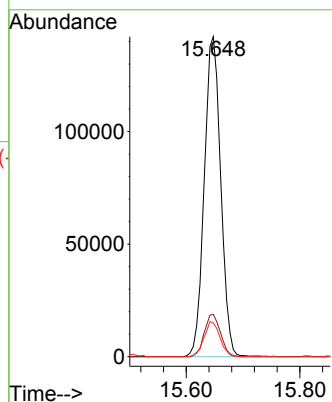
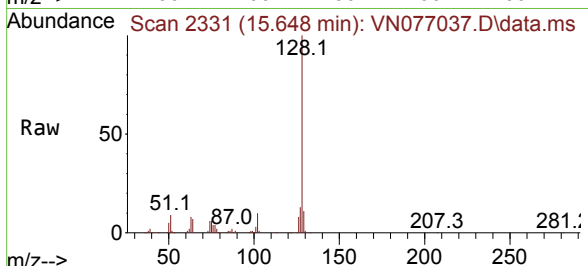




#95
Naphthalene
Concen: 17.753 ug/l
RT: 15.648 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Instrument :
MSVOA_N
ClientSampleId :
VN0317WBS01

Tgt Ion:128 Resp: 285238
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.632 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN077037.D
Acq: 17 Mar 2023 16:42

Tgt Ion:180 Resp: 87787
Ion Ratio Lower Upper
180 100
182 92.7 47.4 142.2
145 36.4 17.9 53.8

