

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077096.D
 Acq On : 22 Mar 2023 10:02
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Mar 22 23:18:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	382470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	674106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	611153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	286527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	302844	49.571	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.140%
35) Dibromofluoromethane	8.172	113	227408	48.171	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.340%
50) Toluene-d8	10.572	98	867047	51.416	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.840%
62) 4-Bromofluorobenzene	12.848	95	325668	54.652	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	131236	35.989	ug/l	98
3) Chloromethane	2.378	50	128052	33.229	ug/l	100
4) Vinyl Chloride	2.531	62	175250	42.132	ug/l	95
5) Bromomethane	2.949	94	131367	46.756	ug/l	98
6) Chloroethane	3.125	64	113578	43.153	ug/l	97
7) Trichlorofluoromethane	3.507	101	422870	47.257	ug/l	98
8) Diethyl Ether	3.972	74	160894	47.776	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	233571	46.015	ug/l	99
10) Methyl Iodide	4.607	142	270698	47.349	ug/l	97
11) Tert butyl alcohol	5.531	59	183869	206.541	ug/l	100
12) 1,1-Dichloroethene	4.354	96	216113	46.541	ug/l	92
13) Acrolein	4.190	56	254091	230.763	ug/l	99
14) Allyl chloride	5.037	41	451225	53.080	ug/l	95
15) Acrylonitrile	5.725	53	667681	223.098	ug/l	98
16) Acetone	4.437	43	708685	260.339	ug/l	97
17) Carbon Disulfide	4.725	76	581404	42.940	ug/l	100
18) Methyl Acetate	5.031	43	456724	44.493	ug/l	100
19) Methyl tert-butyl Ether	5.801	73	819277	49.161	ug/l	97
20) Methylene Chloride	5.290	84	265908	45.009	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	234025	46.498	ug/l	93
22) Diisopropyl ether	6.678	45	943206	50.641	ug/l	99
23) Vinyl Acetate	6.613	43	2937712	249.949	ug/l	100
24) 1,1-Dichloroethane	6.578	63	503988	47.288	ug/l	100
25) 2-Butanone	7.489	43	921718	231.464	ug/l	99
26) 2,2-Dichloropropane	7.495	77	409098	51.015	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	287407	49.860	ug/l	99
28) Bromochloromethane	7.819	49	208631	45.076	ug/l	96
29) Tetrahydrofuran	7.842	42	588804	228.179	ug/l	99
30) Chloroform	7.972	83	493350	47.692	ug/l	99
31) Cyclohexane	8.260	56	457109	45.731	ug/l	97
32) 1,1,1-Trichloroethane	8.172	97	426933	48.288	ug/l	99
36) 1,1-Dichloropropene	8.378	75	366015	49.639	ug/l	99
37) Ethyl Acetate	7.566	43	374164	47.427	ug/l	98
38) Carbon Tetrachloride	8.366	117	355165	49.451	ug/l	99
39) Methylcyclohexane	9.607	83	451090	52.266	ug/l	100
40) Benzene	8.613	78	1089720	48.730	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	216672	50.981	ug/l	98
42) 1,2-Dichloroethane	8.672	62	391402	48.437	ug/l	99
43) Isopropyl Acetate	8.695	43	610031	49.499	ug/l	100
44) Trichloroethene	9.354	130	240596	46.840	ug/l	95
45) 1,2-Dichloropropane	9.625	63	297226	50.044	ug/l	99
46) Dibromomethane	9.713	93	180554	48.202	ug/l	99
47) Bromodichloromethane	9.889	83	393732	50.118	ug/l	98
48) Methyl methacrylate	9.683	41	304688	51.714	ug/l	97
49) 1,4-Dioxane	9.695	88	87184	866.375	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	1845056	240.412	ug/l	99
52) Toluene	10.630	92	670395	50.210	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	415677	53.986	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	459988	52.948	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	261147	49.599	ug/l	98
56) Ethyl methacrylate	10.877	69	419037	52.927	ug/l	99
57) 1,3-Dichloropropane	11.166	76	471623	48.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	784776	232.504	ug/l	99
59) 2-Hexanone	11.201	43	1366364	245.464	ug/l	98
60) Dibromochloromethane	11.360	129	267165	50.515	ug/l	99
61) 1,2-Dibromoethane	11.471	107	255080	48.855	ug/l	98
64) Tetrachloroethene	11.107	164	187475	45.707	ug/l	95
65) Chlorobenzene	11.895	112	678713	48.266	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	251657	48.366	ug/l	99
67) Ethyl Benzene	11.966	91	1322258	51.768	ug/l	99
68) m/p-Xylenes	12.071	106	981613	103.627	ug/l	99
69) o-Xylene	12.401	106	481447	51.151	ug/l	98
70) Styrene	12.413	104	792361	54.073	ug/l	99
71) Bromoform	12.583	173	174489	49.489	ug/l #	98
73) Isopropylbenzene	12.701	105	1268510	49.402	ug/l	99
74) N-amyl acetate	12.495	43	536507	48.272	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	389083	41.825	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	488692	65.938	ug/l	48
77) Bromobenzene	12.983	156	266836	46.389	ug/l	97
78) n-propylbenzene	13.036	91	1535415	51.798	ug/l	100
79) 2-Chlorotoluene	13.130	91	919399	48.677	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1087666	50.734	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	124673	46.303	ug/l	96
82) 4-Chlorotoluene	13.224	91	907809	50.544	ug/l	100
83) tert-Butylbenzene	13.442	119	903928	50.219	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1093561	51.115	ug/l	100
85) sec-Butylbenzene	13.618	105	1345711	52.557	ug/l	99
86) p-Isopropyltoluene	13.730	119	1092326	53.123	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	514235	47.302	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	504267	46.621	ug/l	99
89) n-Butylbenzene	14.060	91	1004575	55.690	ug/l	100
90) Hexachloroethane	14.336	117	198600	47.506	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	497245	45.886	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	73016	42.358	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	257370	52.538	ug/l	100
94) Hexachlorobutadiene	15.501	225	129018	47.823	ug/l	99
95) Naphthalene	15.642	128	818242	43.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	245829	50.012	ug/l	99

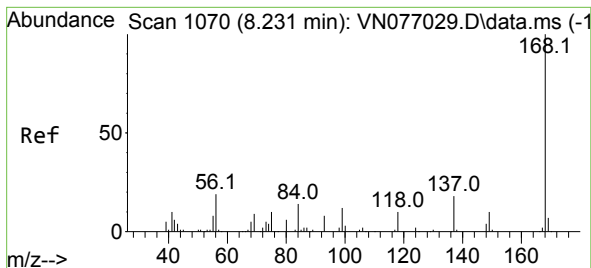
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QLast Update : Mon Mar 20 08:50:30 2023
Response via : Initial Calibration

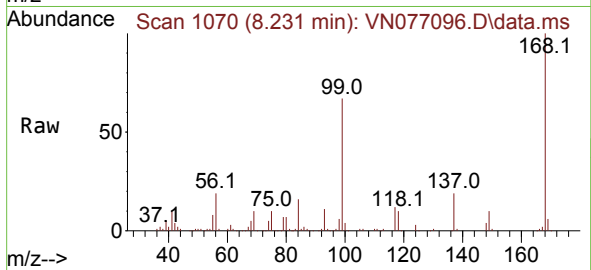
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

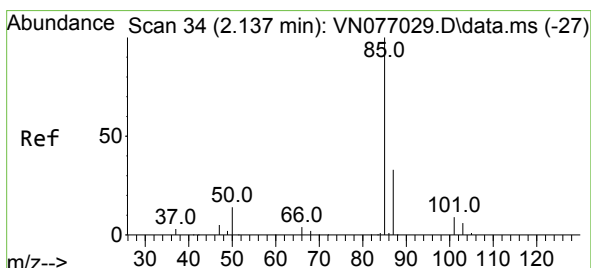
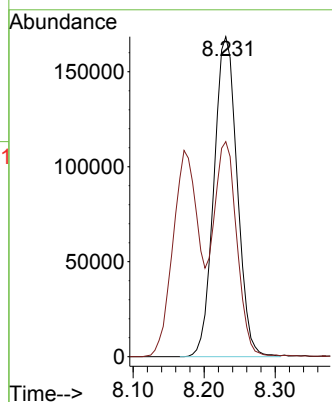
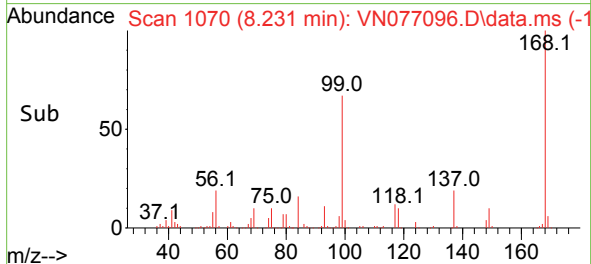


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

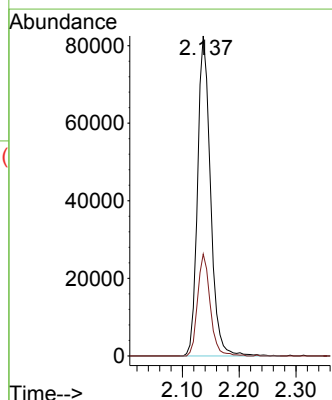
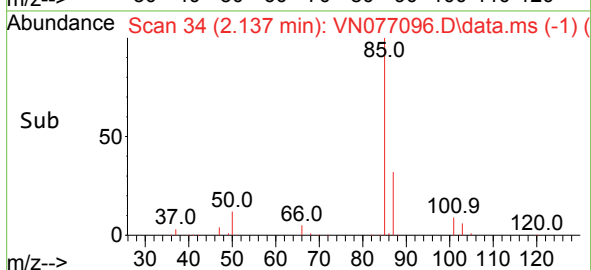
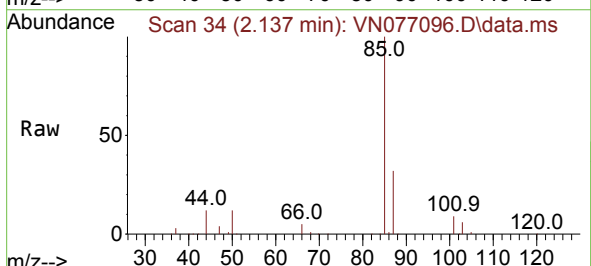


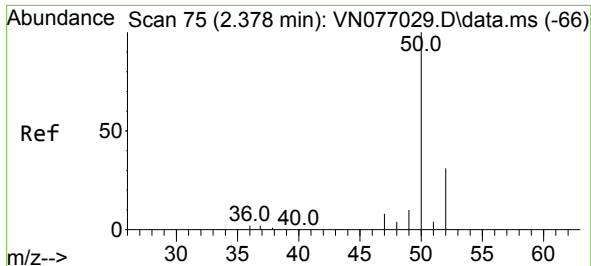
Tgt Ion:168 Resp: 382470
Ion Ratio Lower Upper
168 100
99 66.9 53.9 80.9



#2
Dichlorodifluoromethane
Concen: 35.989 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 85 Resp: 131236
Ion Ratio Lower Upper
85 100
87 31.9 16.4 49.2

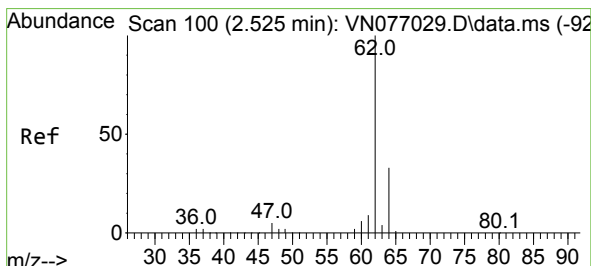
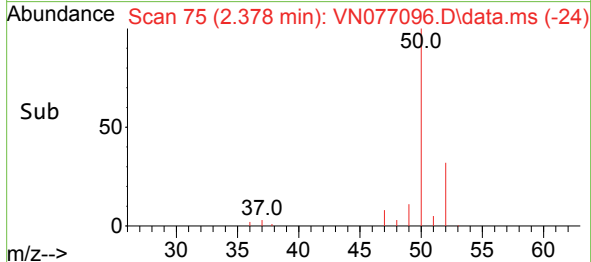
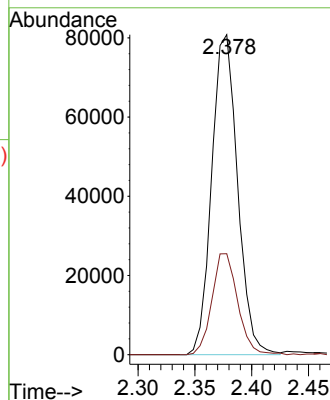
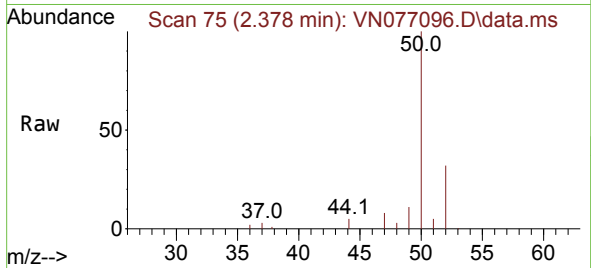




#3
Chloromethane
Concen: 33.229 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

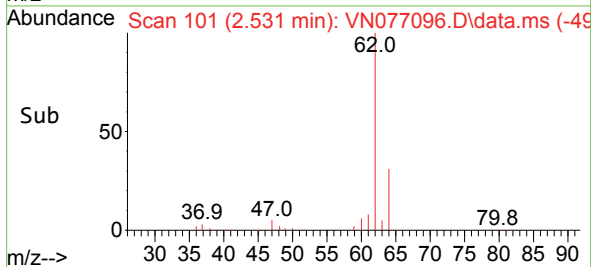
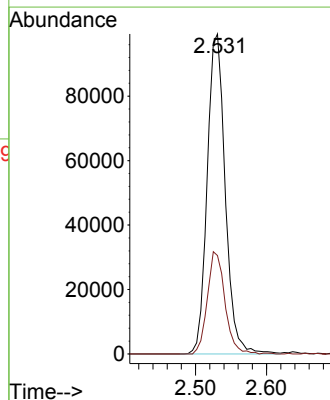
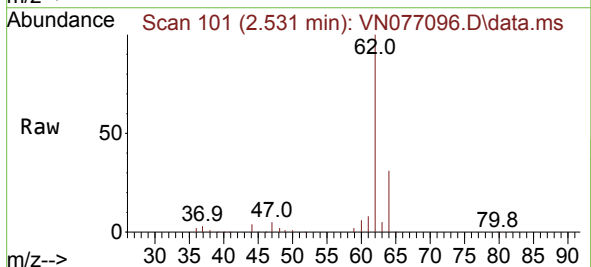
Instrument :
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ClientSampleId :
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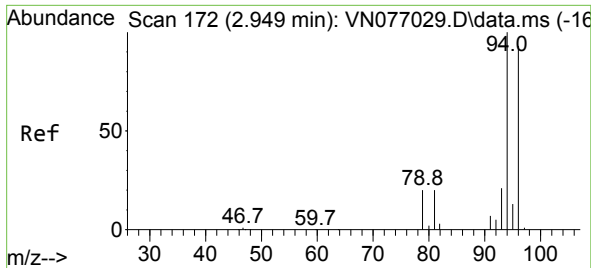
Tgt Ion: 50 Resp: 128052
Ion Ratio Lower Upper
50 100
52 31.5 25.1 37.7



#4
Vinyl Chloride
Concen: 42.132 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 62 Resp: 175250
Ion Ratio Lower Upper
62 100
64 30.7 26.6 40.0

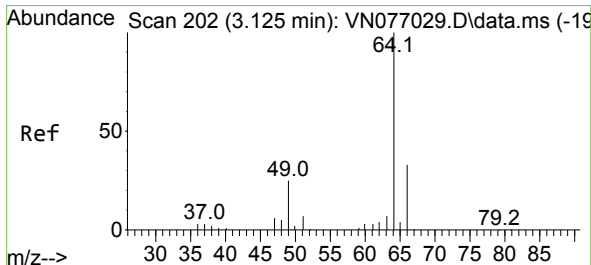
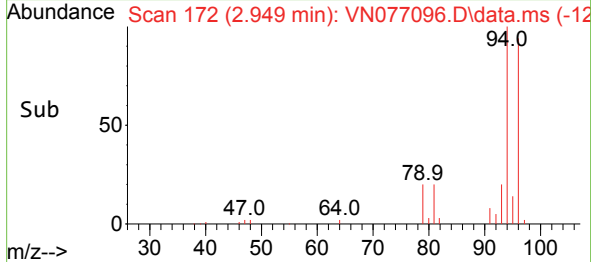
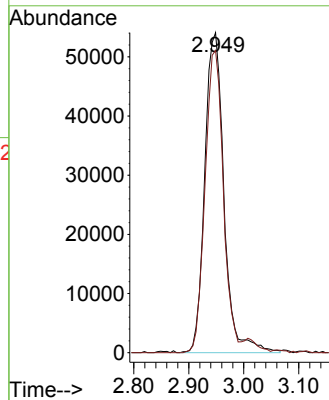
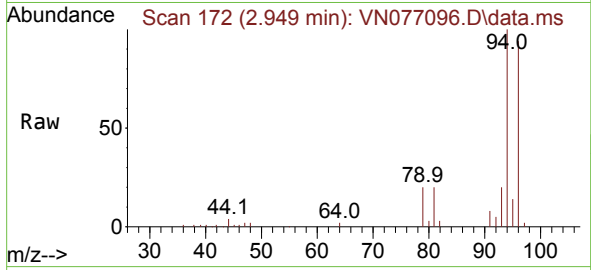




#5
Bromomethane
Concen: 46.756 ug/l
RT: 2.949 min Scan# 172
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

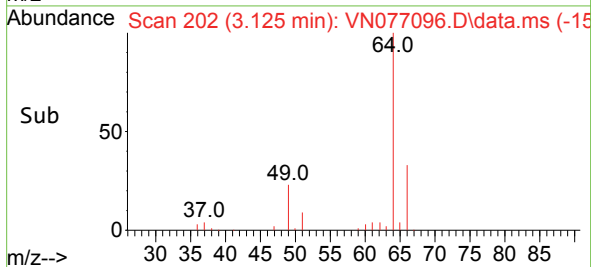
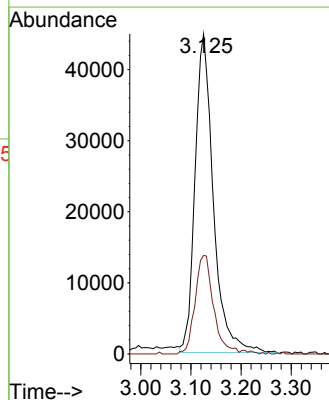
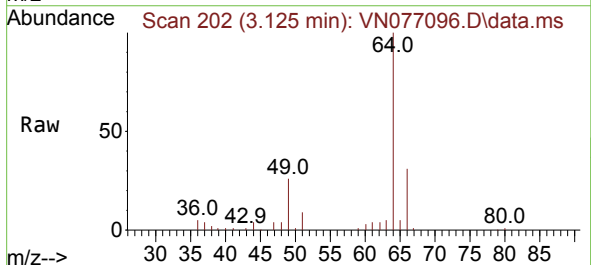
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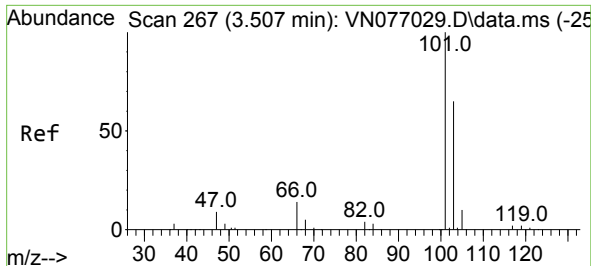
Tgt Ion: 94 Resp: 131367
Ion Ratio Lower Upper
94 100
96 94.5 74.1 111.1



#6
Chloroethane
Concen: 43.153 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 64 Resp: 113578
Ion Ratio Lower Upper
64 100
66 31.0 26.3 39.5

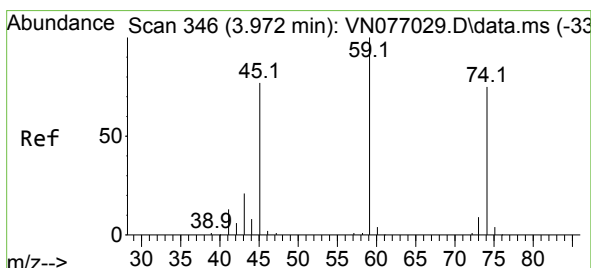
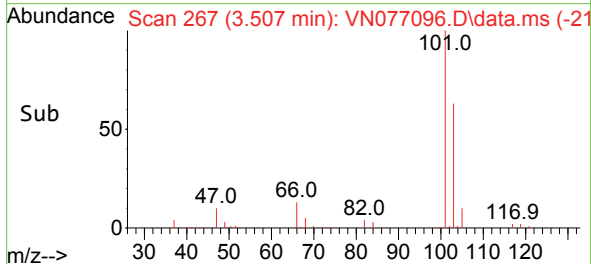
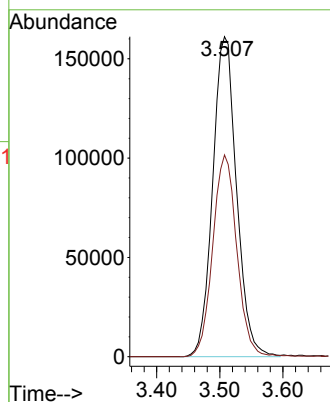
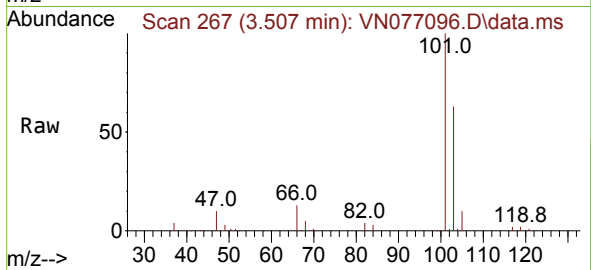




#7
Trichlorofluoromethane
Concen: 47.257 ug/l
RT: 3.507 min Scan# 267
Delta R.T. 0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

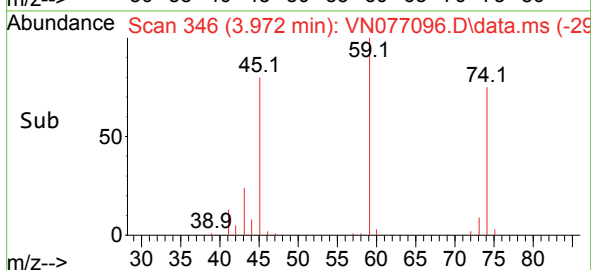
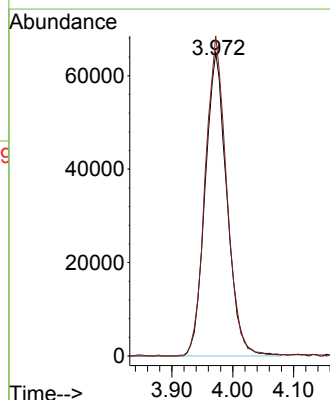
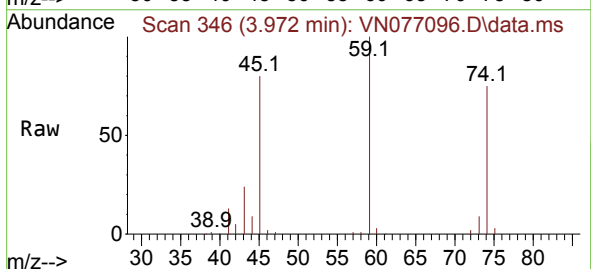
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MSVOA_N
ClientSampleId :
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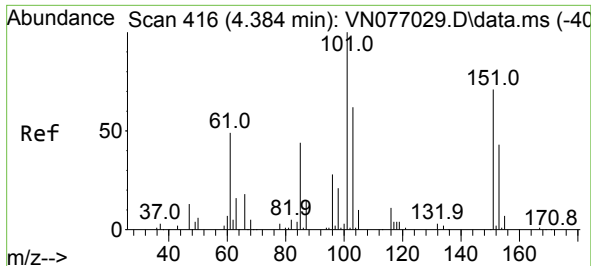
Tgt Ion:101 Resp: 422870
Ion Ratio Lower Upper
101 100
103 63.0 51.8 77.6



#8
Diethyl Ether
Concen: 47.776 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 74 Resp: 160894
Ion Ratio Lower Upper
74 100
45 104.2 50.8 152.5

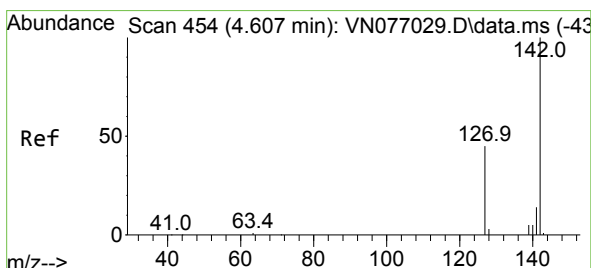
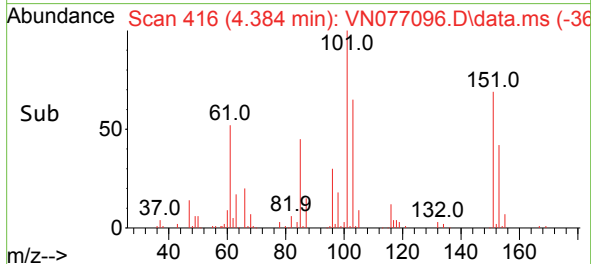
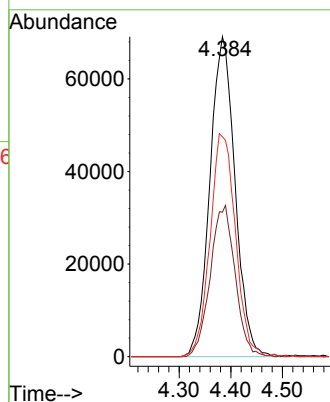
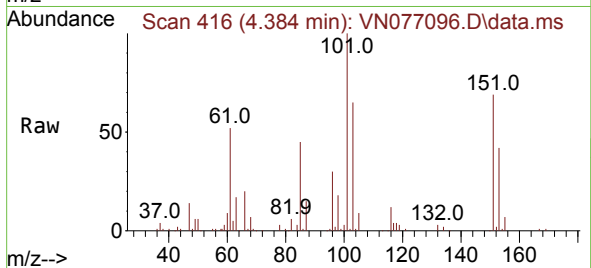




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.015 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

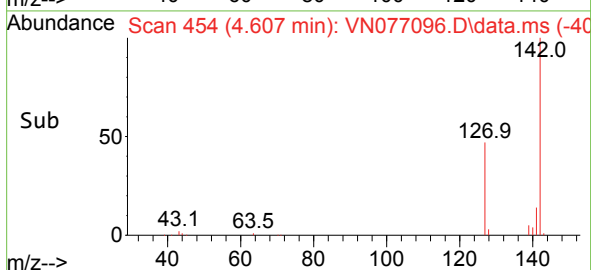
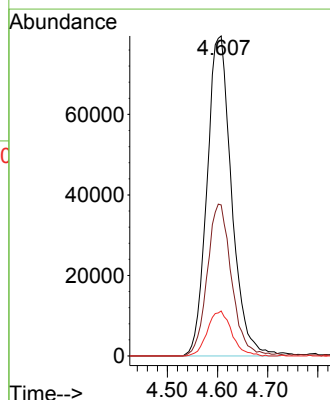
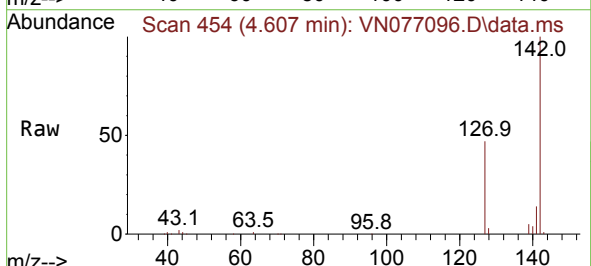
Instrument :
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ClientSampleId :
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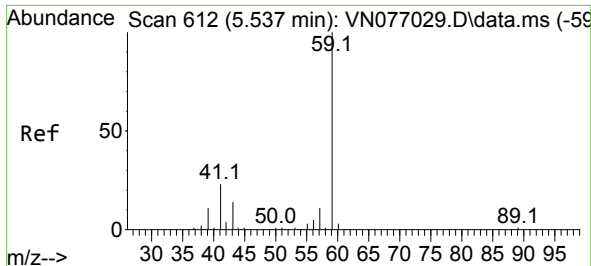
Tgt Ion:101 Resp: 233571
Ion Ratio Lower Upper
101 100
85 46.8 36.6 55.0
151 70.5 56.9 85.3



#10
Methyl Iodide
Concen: 47.349 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion:142 Resp: 270698
Ion Ratio Lower Upper
142 100
127 47.2 36.1 54.1
141 14.1 10.8 16.2

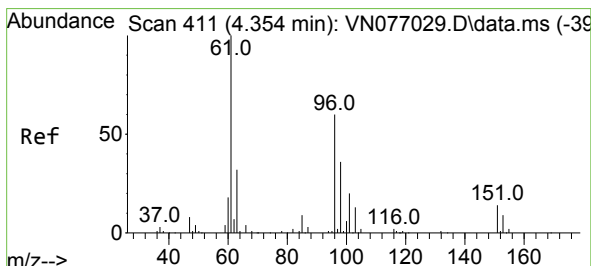
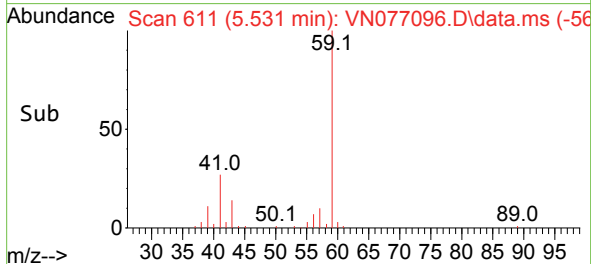
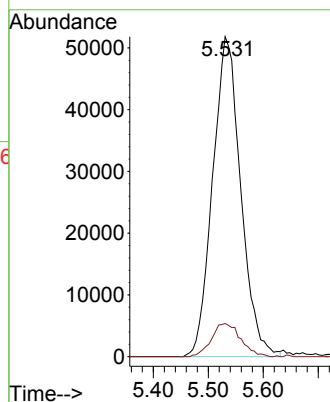
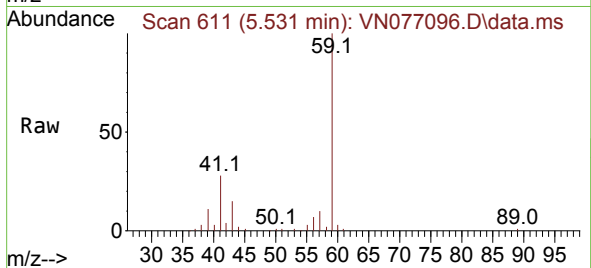




#11
Tert butyl alcohol
Concen: 206.541 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

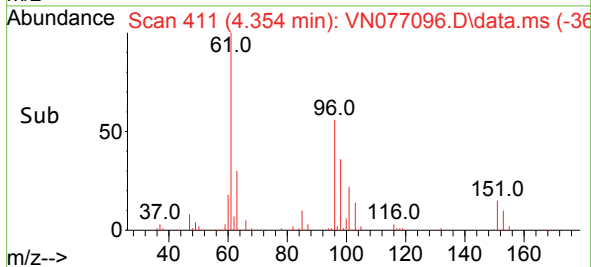
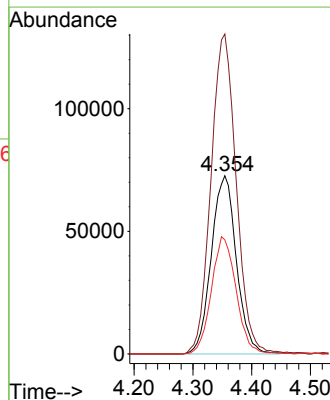
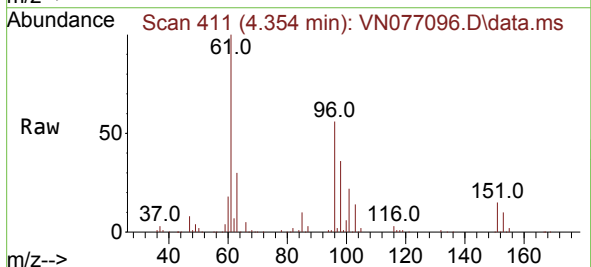
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

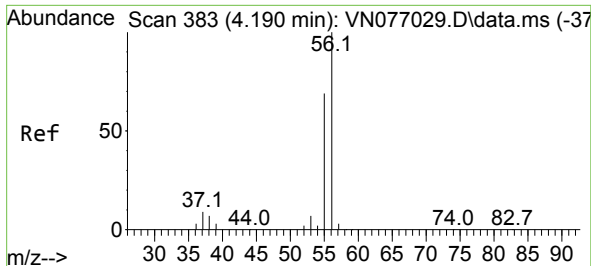
Tgt Ion: 59 Resp: 183869
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 46.541 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 96 Resp: 216113
Ion Ratio Lower Upper
96 100
61 179.5 133.8 200.8
98 64.0 48.6 72.8

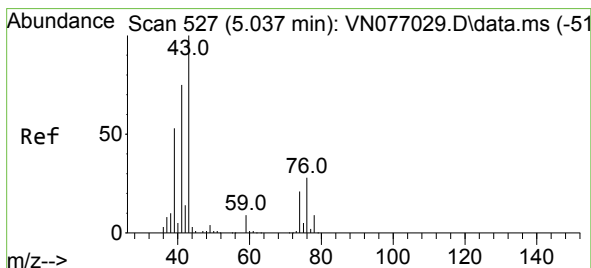
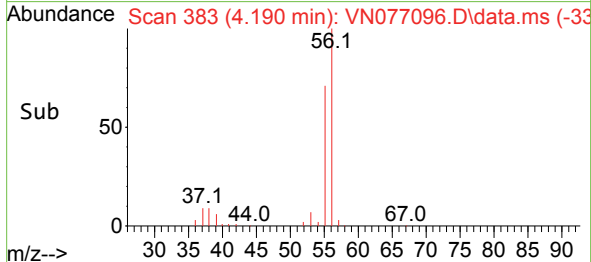
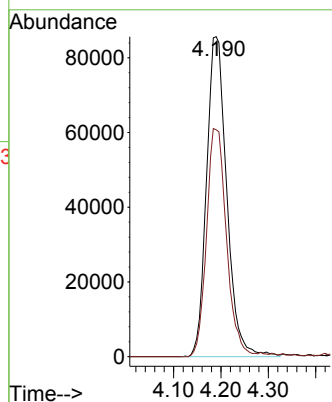
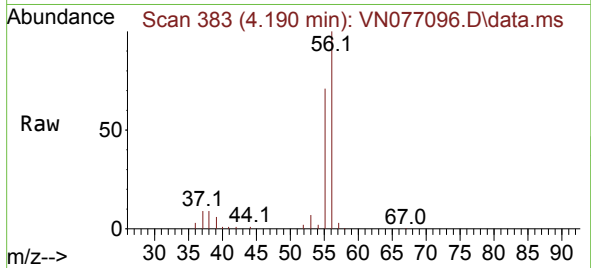




#13
Acrolein
Concen: 230.763 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

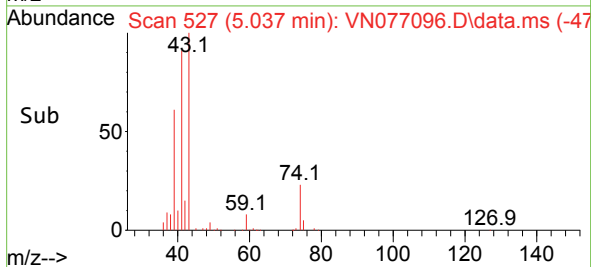
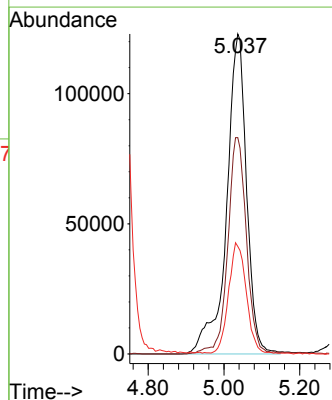
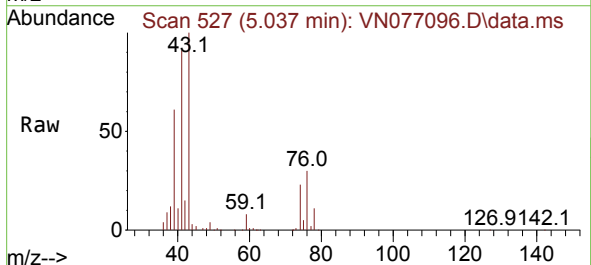
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

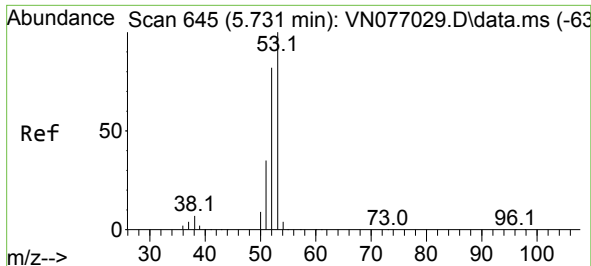
Tgt Ion: 56 Resp: 254091
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.6



#14
Allyl chloride
Concen: 53.080 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 41 Resp: 451225
Ion Ratio Lower Upper
41 100
39 62.9 53.8 80.8
76 30.3 26.7 40.1

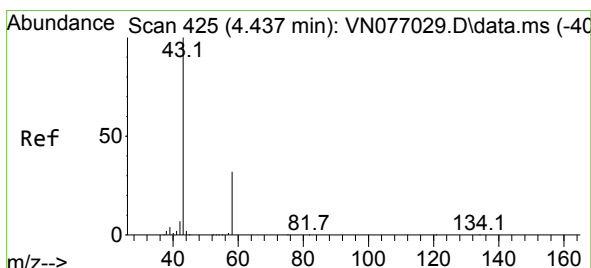
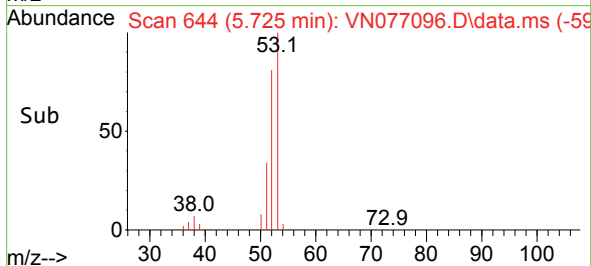
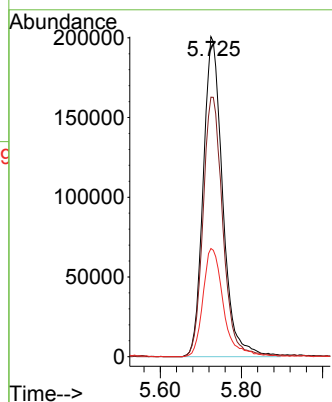
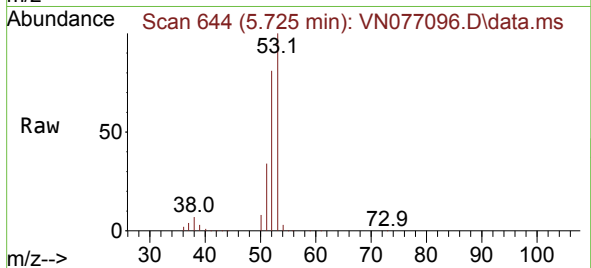




#15
Acrylonitrile
Concen: 223.098 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

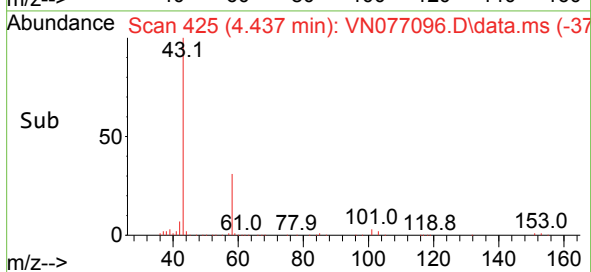
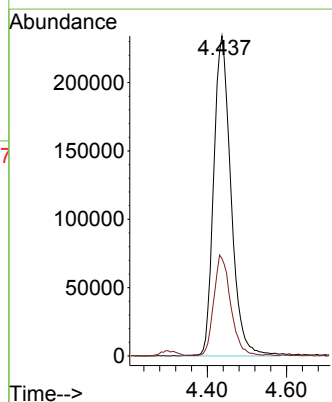
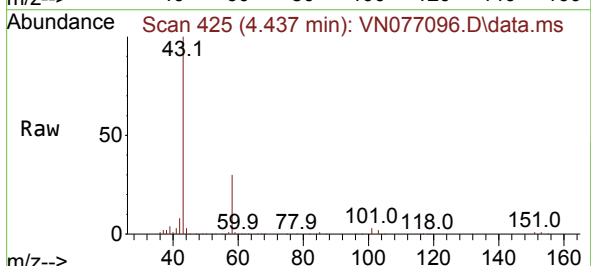
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

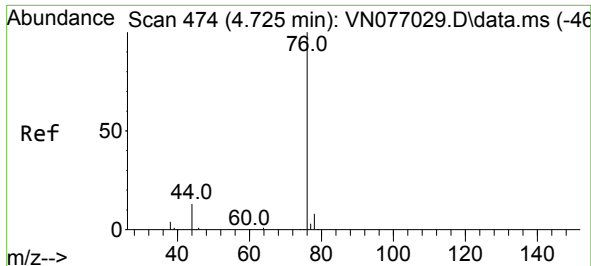
Tgt Ion: 53 Resp: 667681
Ion Ratio Lower Upper
53 100
52 82.8 64.6 97.0
51 35.7 28.3 42.5



#16
Acetone
Concen: 260.339 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 43 Resp: 708685
Ion Ratio Lower Upper
43 100
58 30.2 25.4 38.0

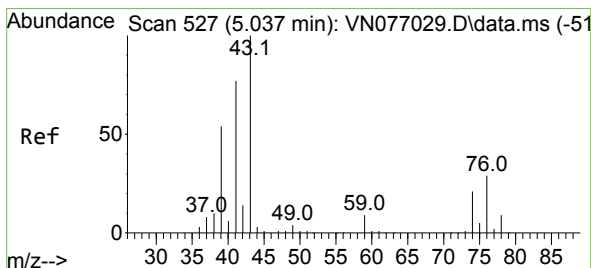
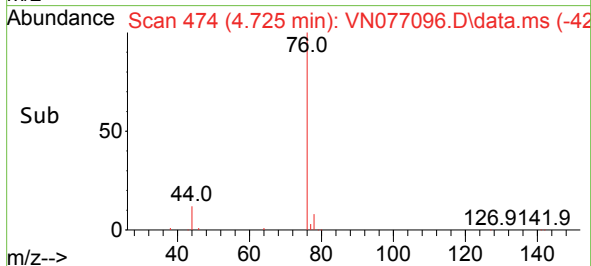
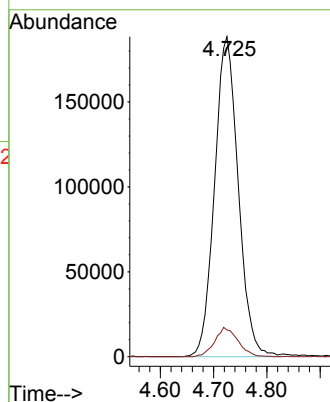
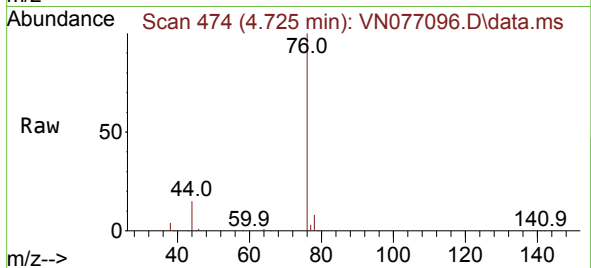




#17
Carbon Disulfide
Concen: 42.940 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

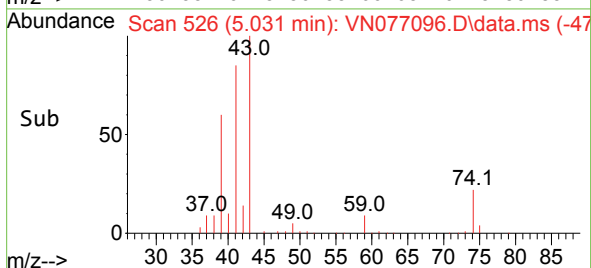
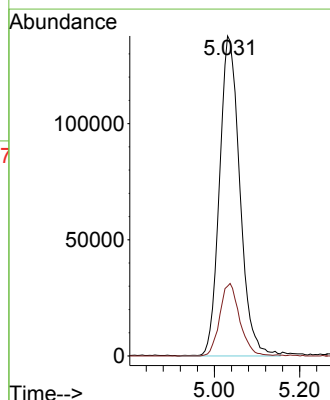
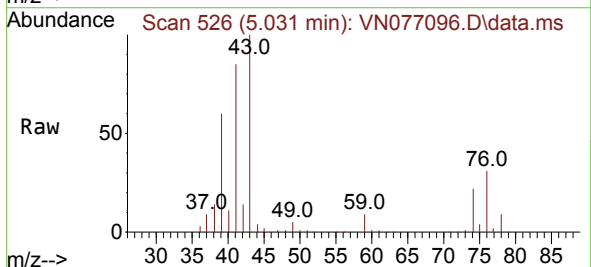
Instrument :
MSVOA_N
ClientSampleId :
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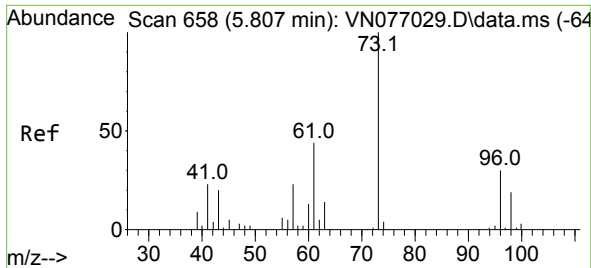
Tgt Ion: 76 Resp: 581404
Ion Ratio Lower Upper
76 100
78 8.3 6.6 10.0



#18
Methyl Acetate
Concen: 44.493 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 43 Resp: 456724
Ion Ratio Lower Upper
43 100
74 22.2 17.7 26.5

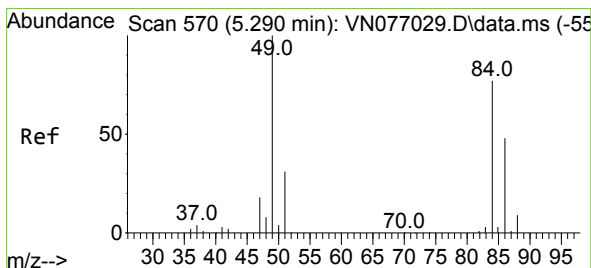
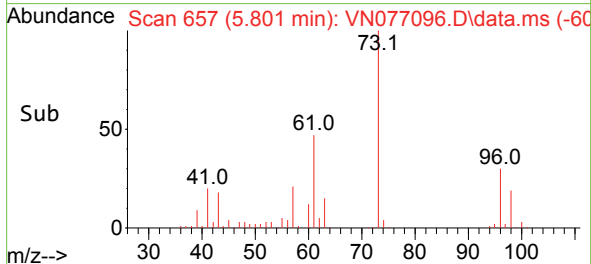
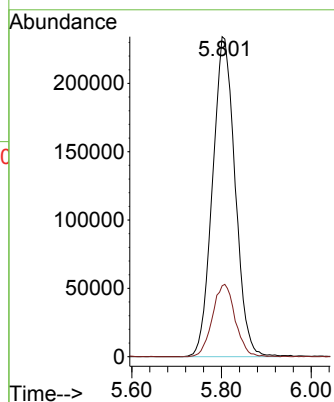
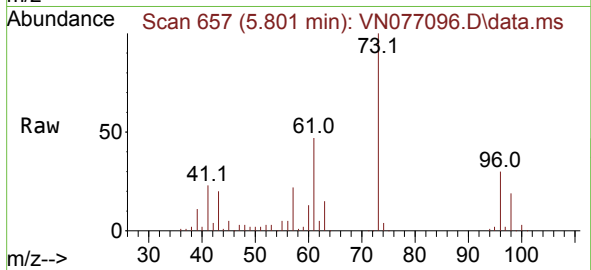




#19
Methyl tert-butyl Ether
Concen: 49.161 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

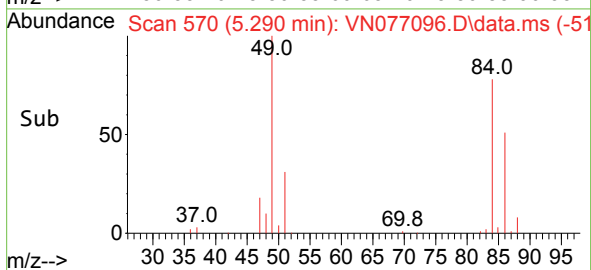
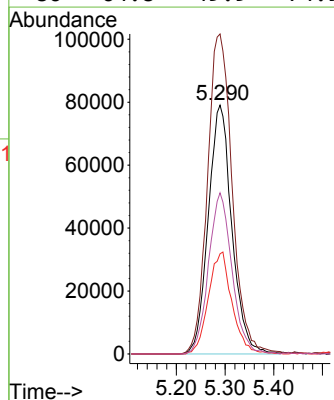
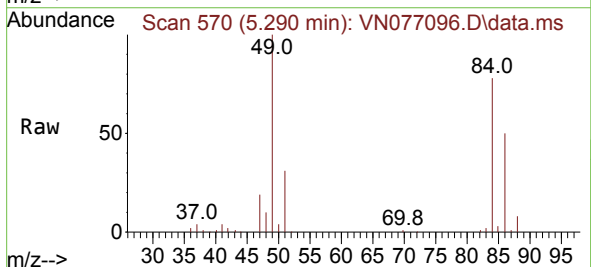
Instrument :
MSVOA_N
ClientSampleId :
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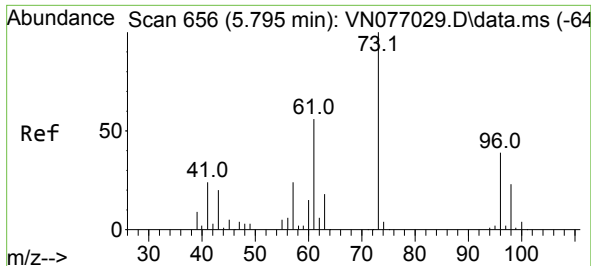
Tgt Ion: 73 Resp: 819277
Ion Ratio Lower Upper
73 100
57 22.1 18.7 28.1



#20
Methylene Chloride
Concen: 45.009 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 84 Resp: 265908
Ion Ratio Lower Upper
84 100
49 128.6 103.8 155.6
51 40.3 32.3 48.5
86 64.8 49.9 74.9

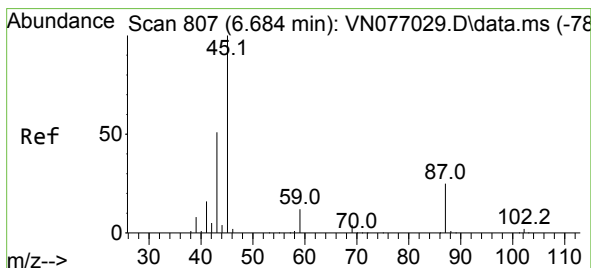
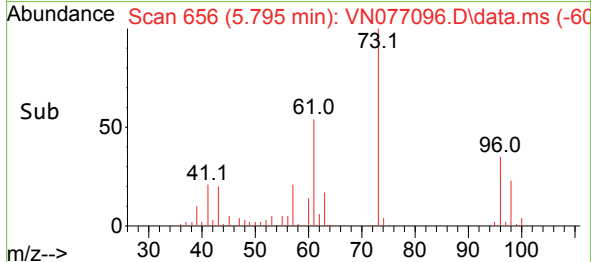
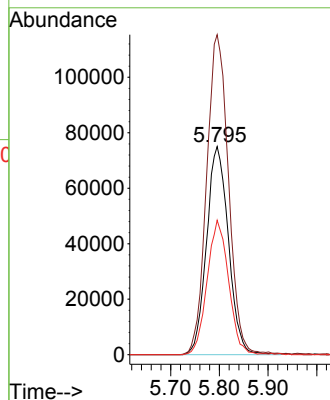
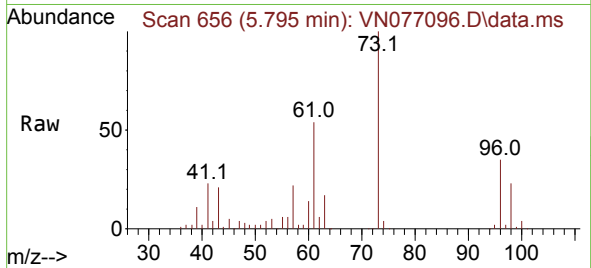




#21
trans-1,2-Dichloroethene
Concen: 46.498 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

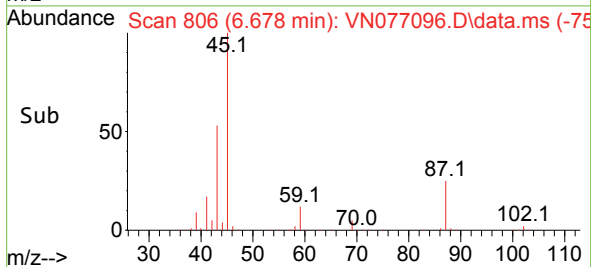
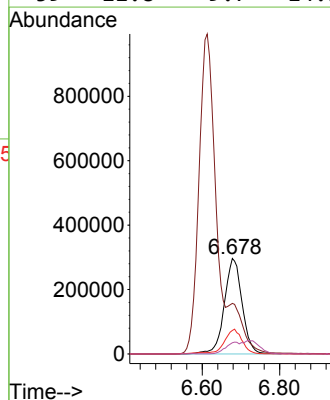
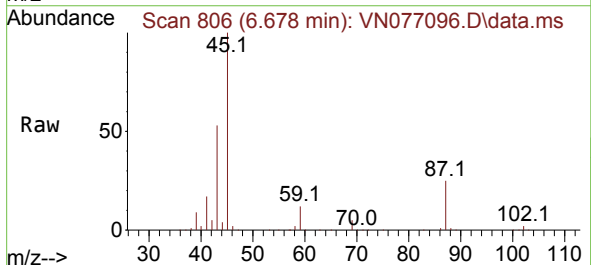
Instrument :
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ClientSampleId :
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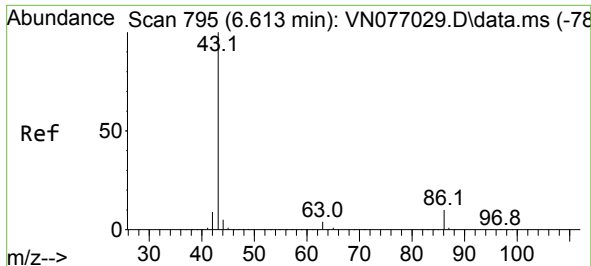
Tgt Ion: 96 Resp: 234025
Ion Ratio Lower Upper
96 100
61 153.7 115.8 173.6
98 64.6 48.2 72.2



#22
Diisopropyl ether
Concen: 50.641 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 45 Resp: 943206
Ion Ratio Lower Upper
45 100
43 52.6 41.5 62.3
87 24.5 20.6 30.8
59 11.8 9.7 14.5

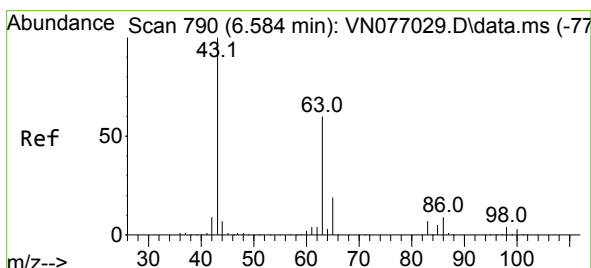
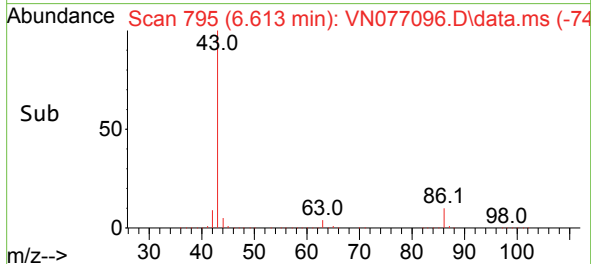
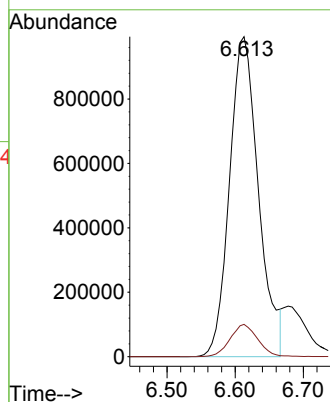
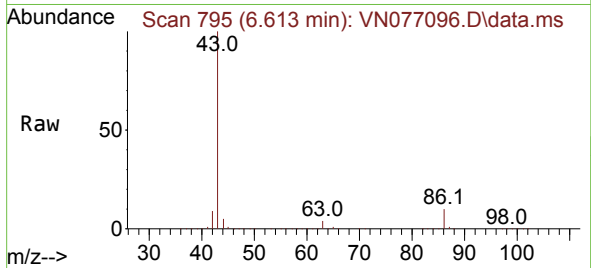




#23
 Vinyl Acetate
 Concen: 249.949 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077096.D
 Acq: 22 Mar 2023 10:02

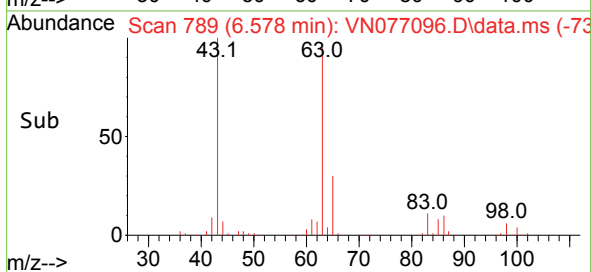
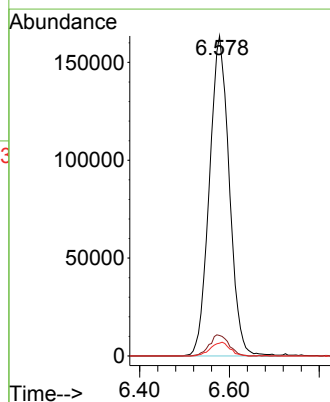
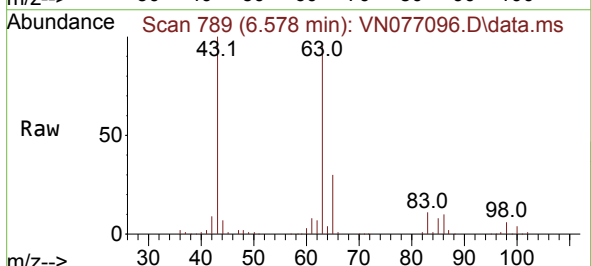
Instrument :
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 ClientSampleId :
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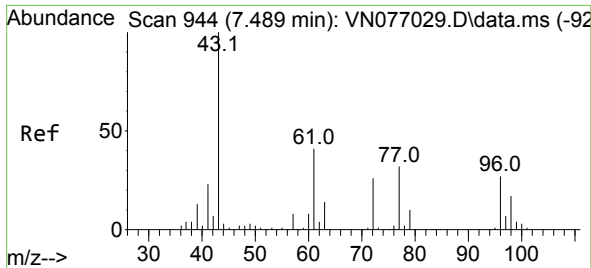
Tgt Ion: 43 Resp: 2937712
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 47.288 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077096.D
 Acq: 22 Mar 2023 10:02

Tgt Ion: 63 Resp: 503988
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.4
 100 4.0 2.1 6.3

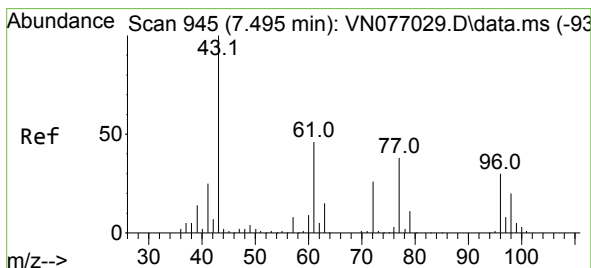
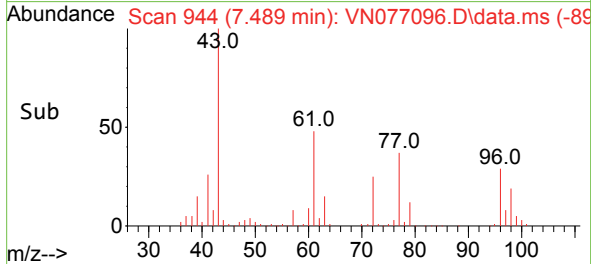
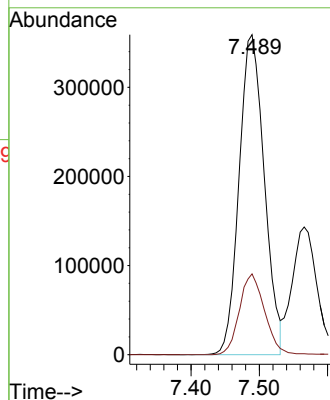
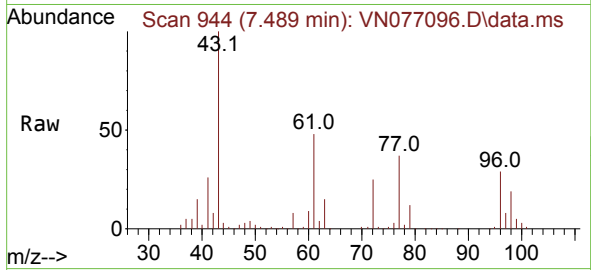




#25
2-Butanone
Concen: 231.464 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

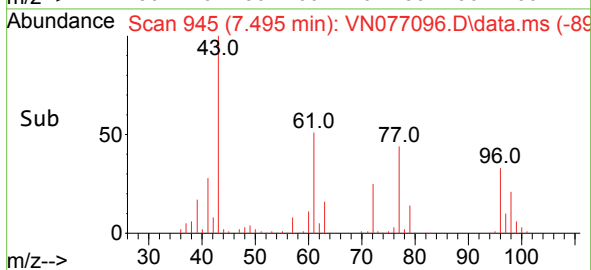
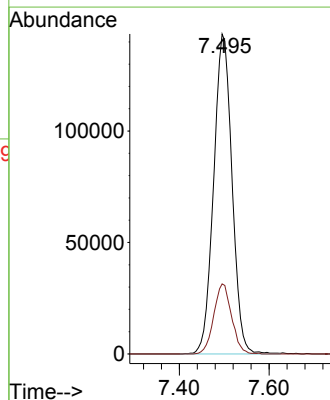
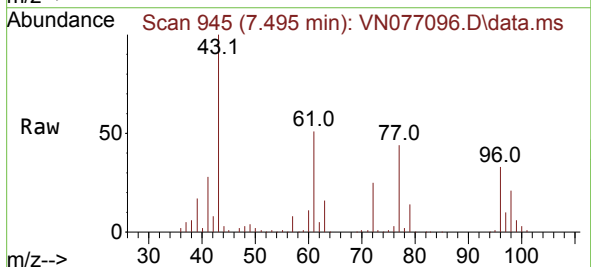
Instrument :
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ClientSampleId :
VSTDCCC050

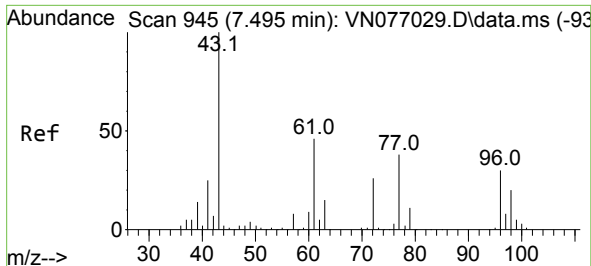
Tgt Ion: 43 Resp: 921718
Ion Ratio Lower Upper
43 100
72 25.3 20.7 31.1



#26
2,2-Dichloropropane
Concen: 51.015 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 77 Resp: 409098
Ion Ratio Lower Upper
77 100
97 21.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.860 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077096.D

Acq: 22 Mar 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

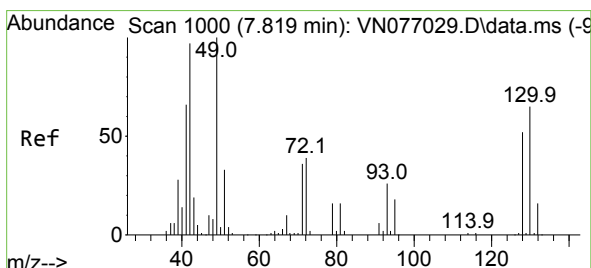
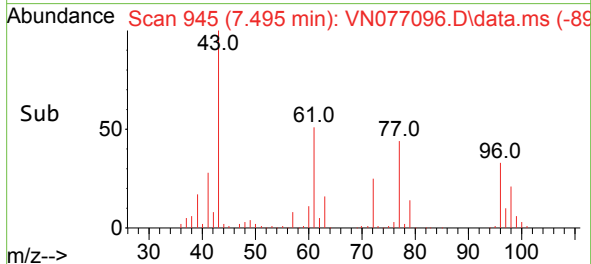
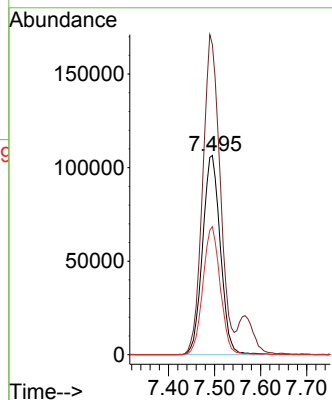
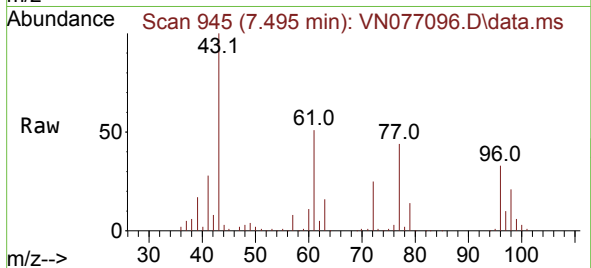
Tgt Ion: 96 Resp: 287407

Ion Ratio Lower Upper

96 100

61 156.9 0.0 315.4

98 62.6 0.0 128.6



#28

Bromochloromethane

Concen: 45.076 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN077096.D

Acq: 22 Mar 2023 10:02

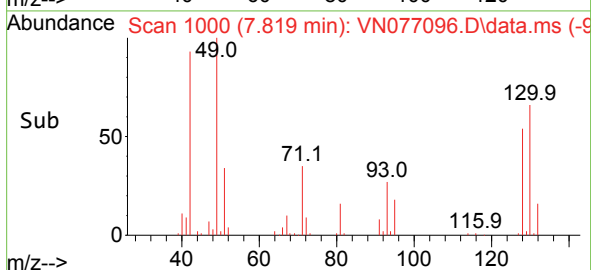
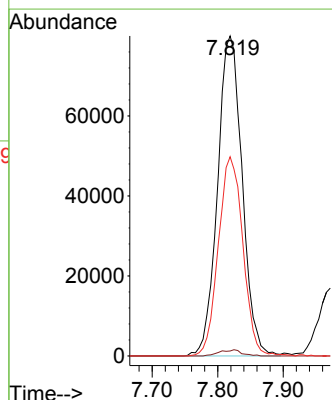
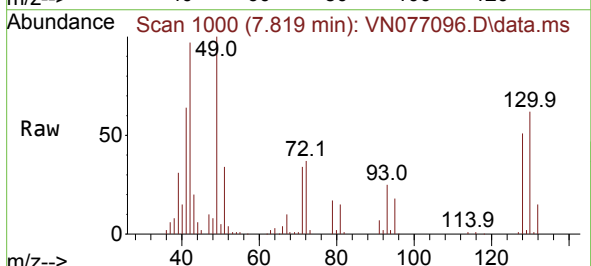
Tgt Ion: 49 Resp: 208631

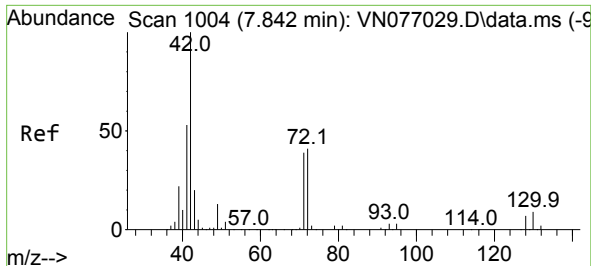
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.2

130 62.0 51.9 77.9





#29

Tetrahydrofuran

Concen: 228.179 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077096.D

Acq: 22 Mar 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

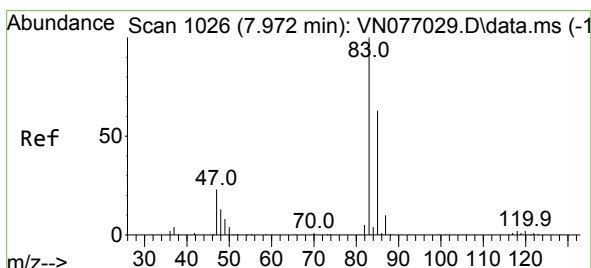
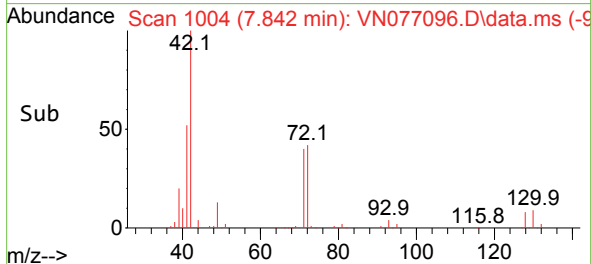
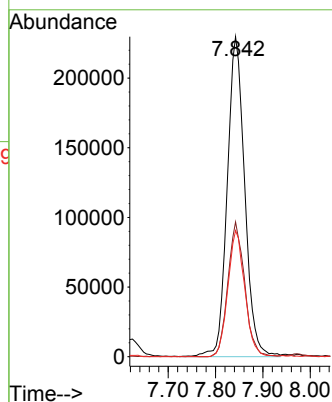
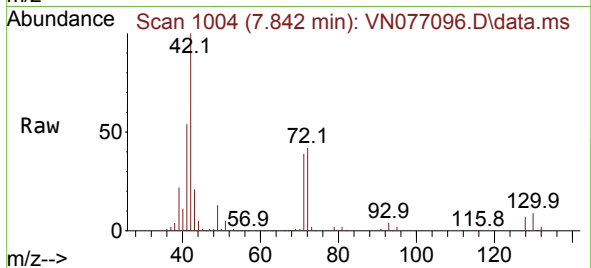
Tgt Ion: 42 Resp: 588804

Ion Ratio Lower Upper

42 100

72 40.5 33.2 49.8

71 38.2 31.0 46.4



#30

Chloroform

Concen: 47.692 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077096.D

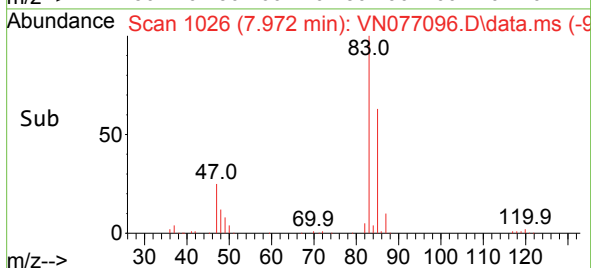
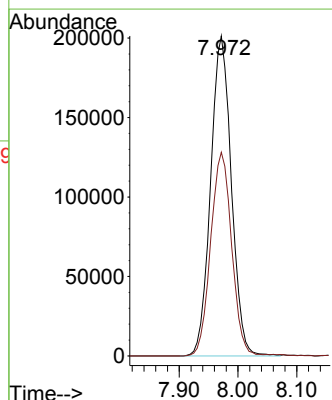
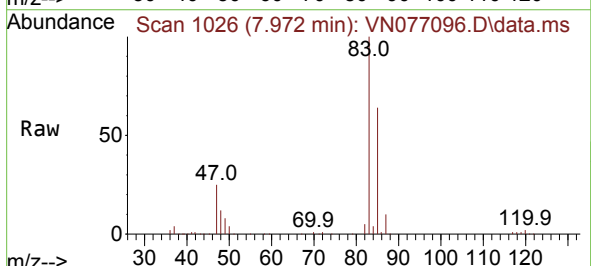
Acq: 22 Mar 2023 10:02

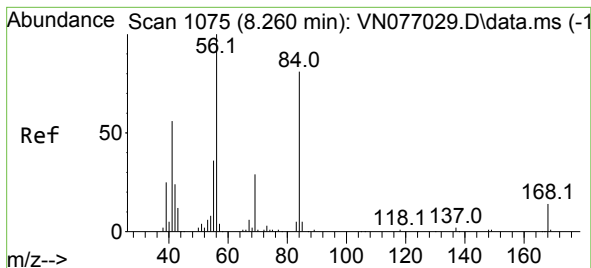
Tgt Ion: 83 Resp: 493350

Ion Ratio Lower Upper

83 100

85 63.6 50.6 75.8





#31

Cyclohexane

Concen: 45.731 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077096.D

Acq: 22 Mar 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

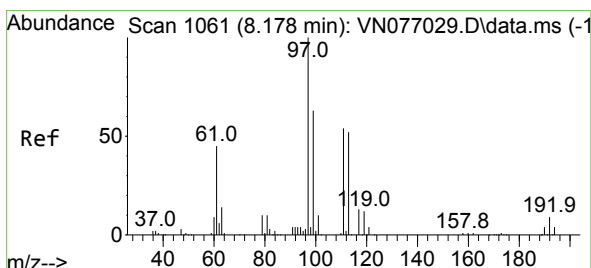
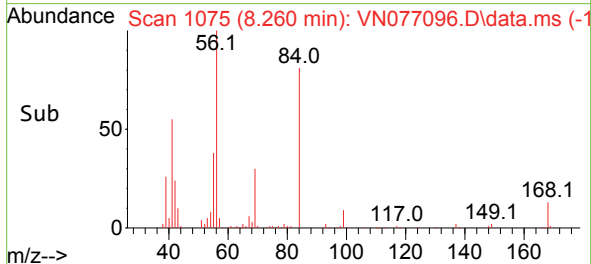
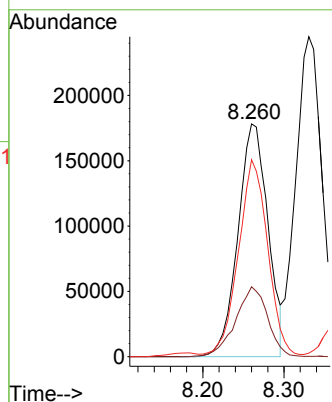
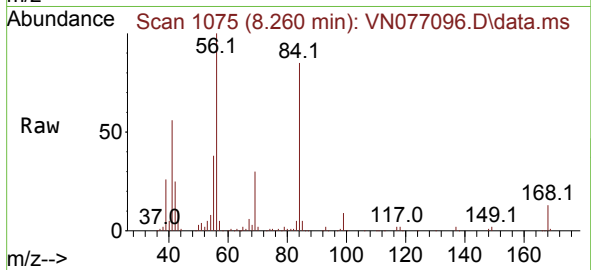
Tgt Ion: 56 Resp: 457109

Ion Ratio Lower Upper

56 100

69 30.0 22.8 34.2

84 83.1 64.7 97.1



#32

1,1,1-Trichloroethane

Concen: 48.288 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VN077096.D

Acq: 22 Mar 2023 10:02

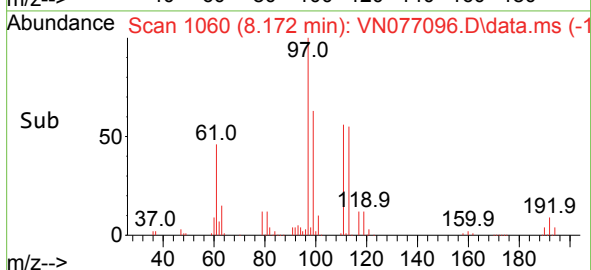
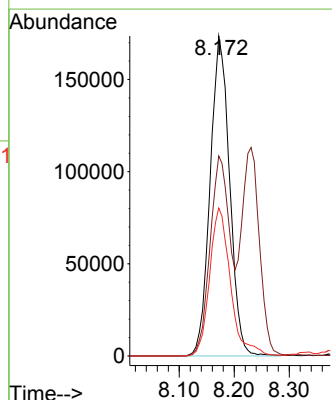
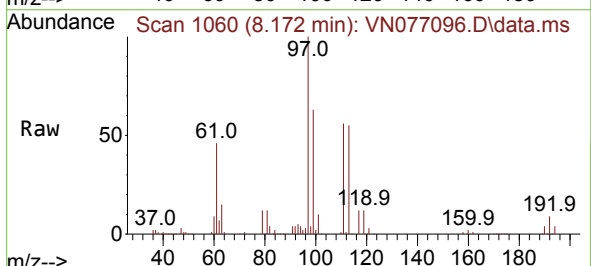
Tgt Ion: 97 Resp: 426933

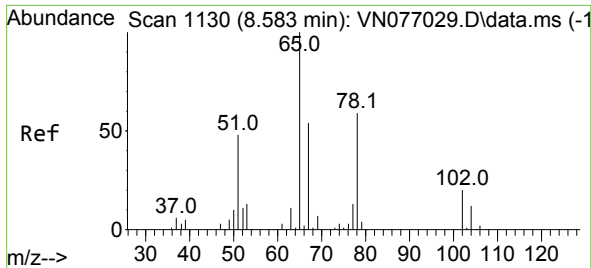
Ion Ratio Lower Upper

97 100

99 63.4 50.2 75.2

61 49.7 39.0 58.6

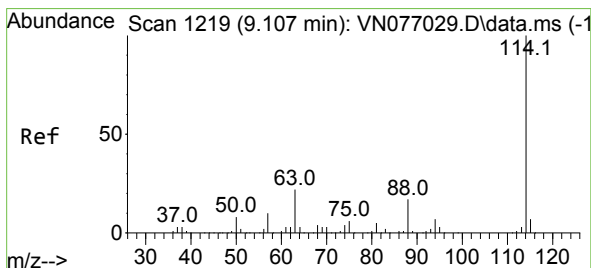
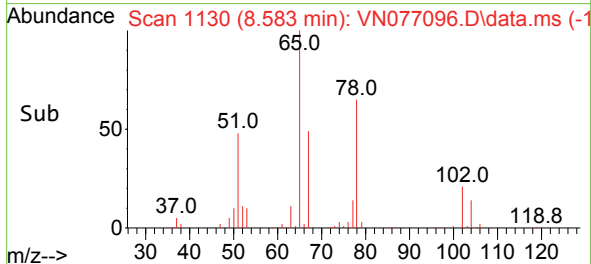
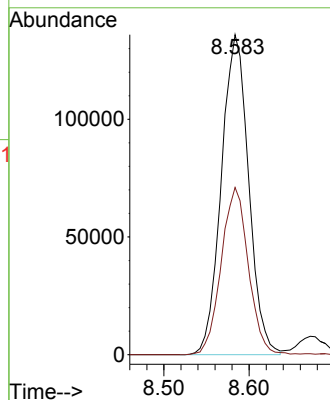
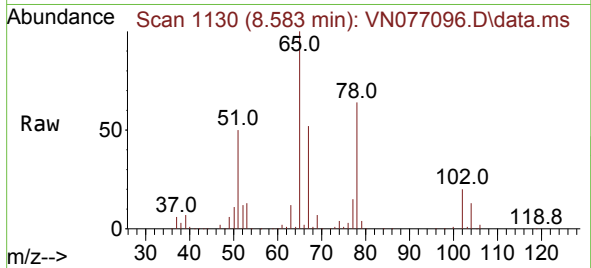




#33
1,2-Dichloroethane-d4
Concen: 49.571 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

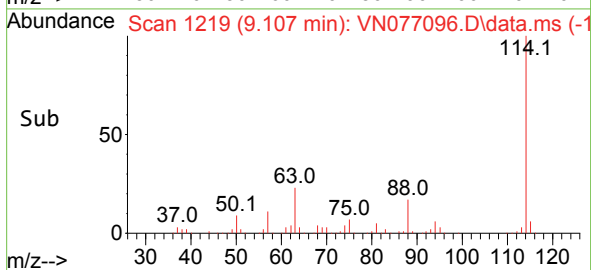
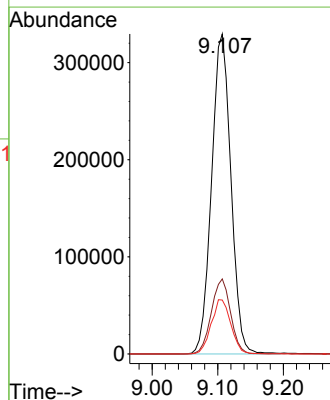
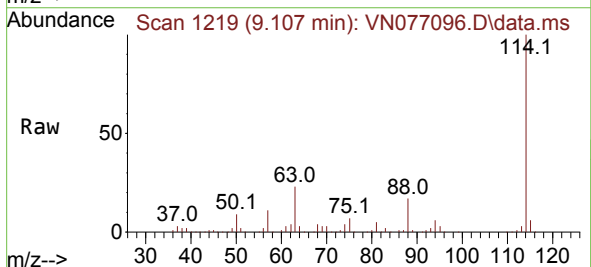
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

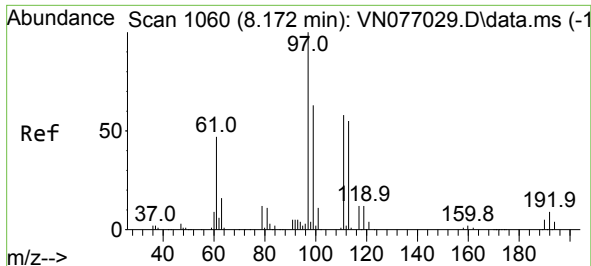
Tgt Ion: 65 Resp: 302844
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 114 Resp: 674106
Ion Ratio Lower Upper
114 100
63 23.4 0.0 44.6
88 16.9 0.0 33.8

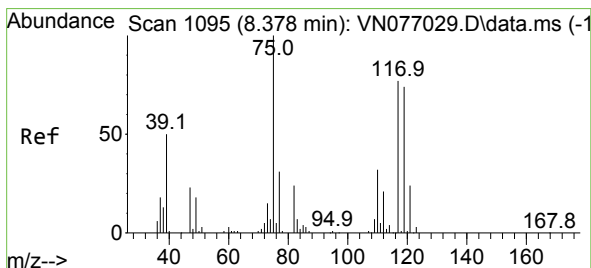
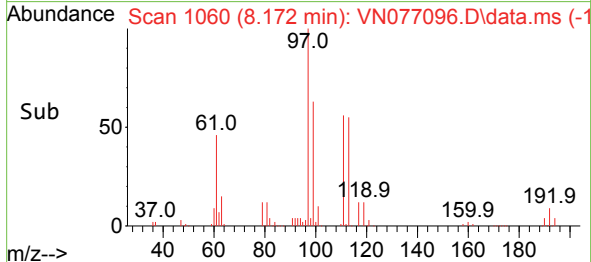
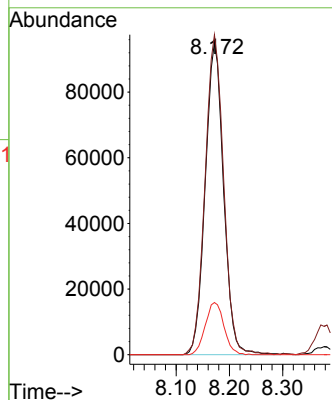
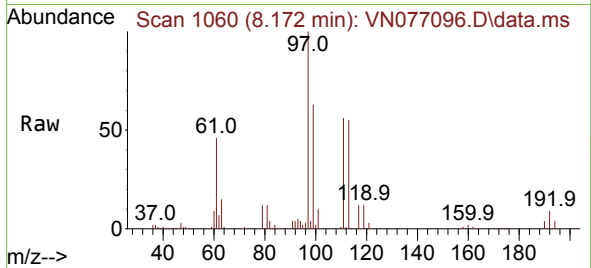




#35
Dibromofluoromethane
Concen: 48.171 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

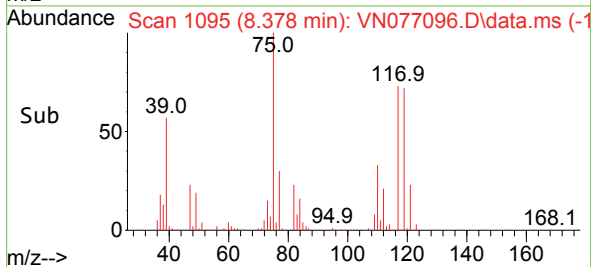
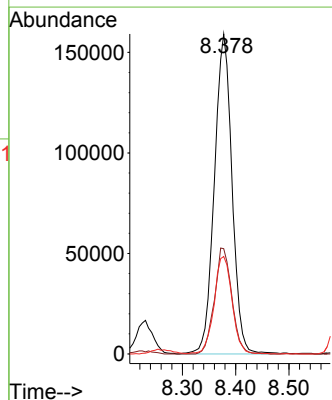
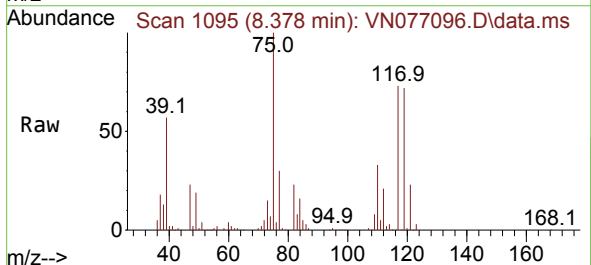
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

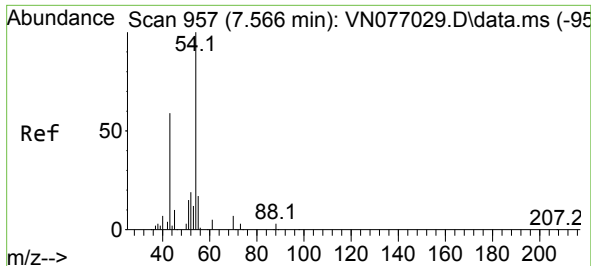
Tgt Ion:113 Resp: 227408
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 17.1 13.0 19.6



#36
1,1-Dichloropropene
Concen: 49.639 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 75 Resp: 366015
Ion Ratio Lower Upper
75 100
110 32.6 15.9 47.7
77 31.1 24.3 36.5





#37

Ethyl Acetate

Concen: 47.427 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077096.D

Acq: 22 Mar 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

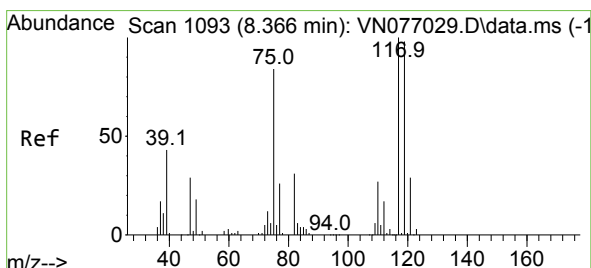
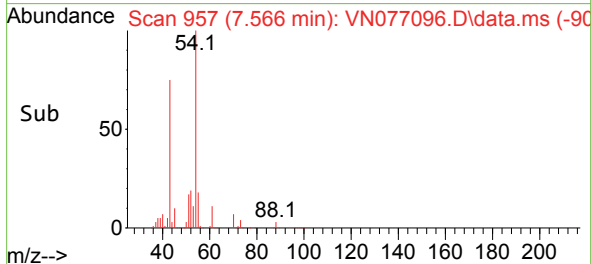
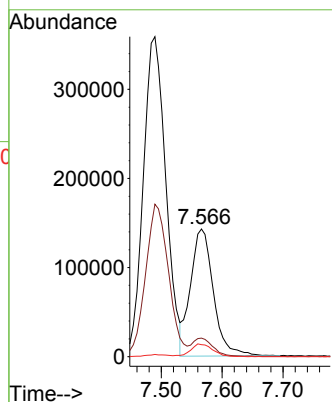
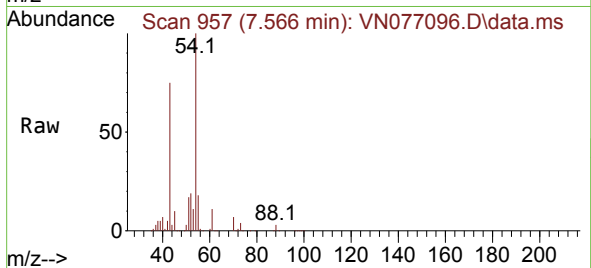
Tgt Ion: 43 Resp: 374164

Ion Ratio Lower Upper

43 100

61 12.9 11.0 16.6

70 9.6 8.4 12.6



#38

Carbon Tetrachloride

Concen: 49.451 ug/l

RT: 8.366 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VN077096.D

Acq: 22 Mar 2023 10:02

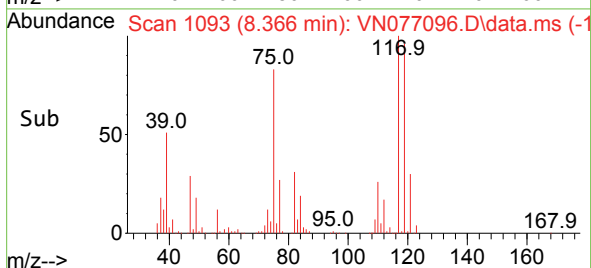
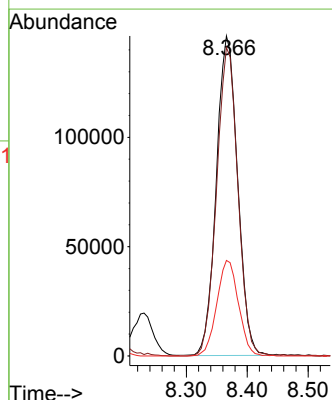
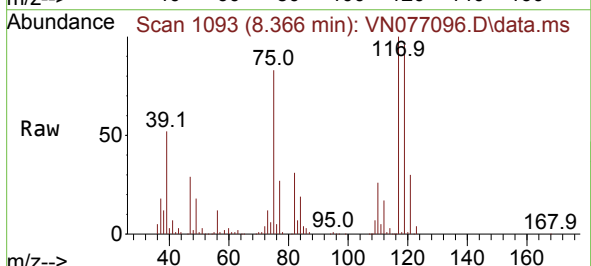
Tgt Ion: 117 Resp: 355165

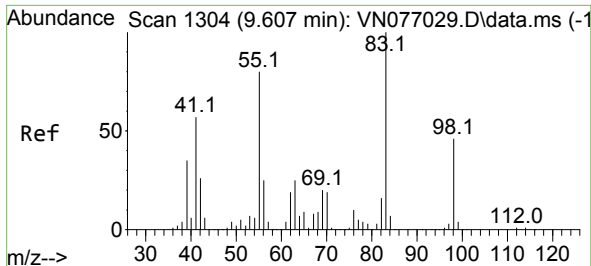
Ion Ratio Lower Upper

117 100

119 96.6 78.2 117.2

121 29.9 23.2 34.8





#39

Methylcyclohexane

Concen: 52.266 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077096.D

Acq: 22 Mar 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

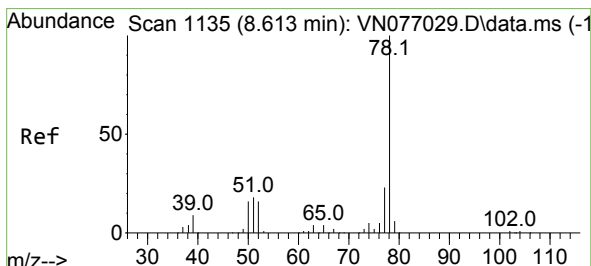
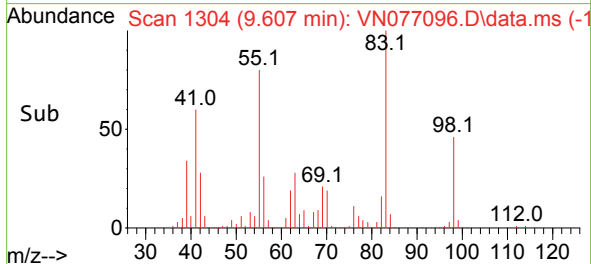
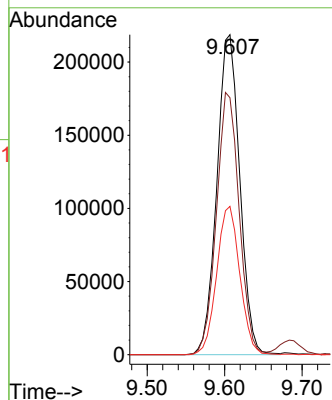
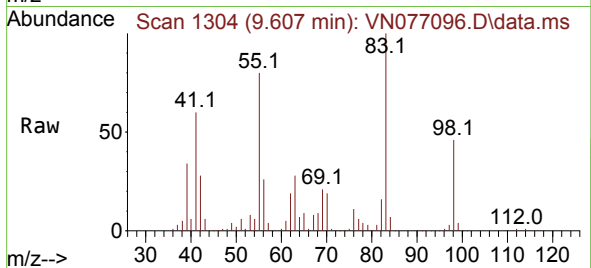
Tgt Ion: 83 Resp: 451090

Ion Ratio Lower Upper

83 100

55 80.3 63.8 95.8

98 46.3 37.1 55.7



#40

Benzene

Concen: 48.730 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077096.D

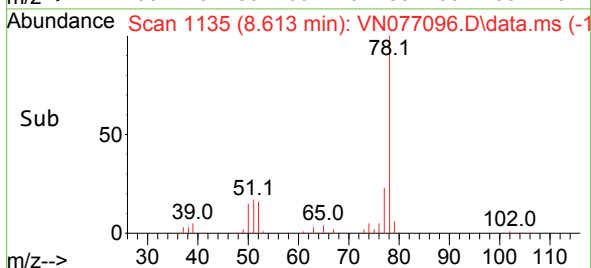
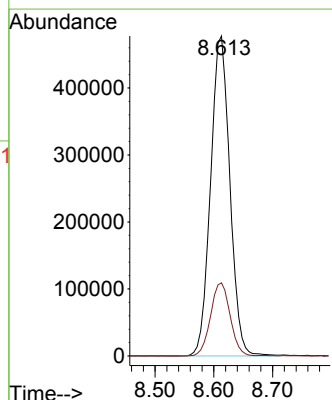
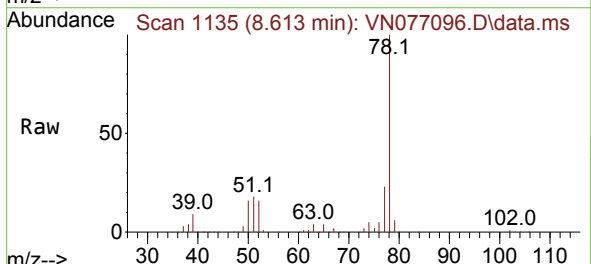
Acq: 22 Mar 2023 10:02

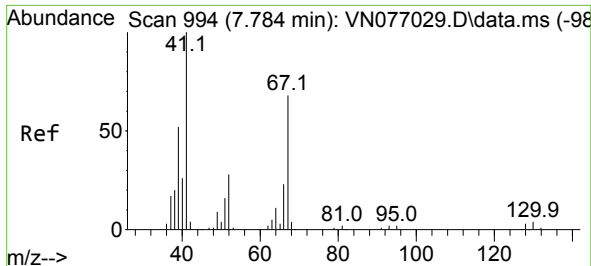
Tgt Ion: 78 Resp: 1089720

Ion Ratio Lower Upper

78 100

77 22.9 18.5 27.7



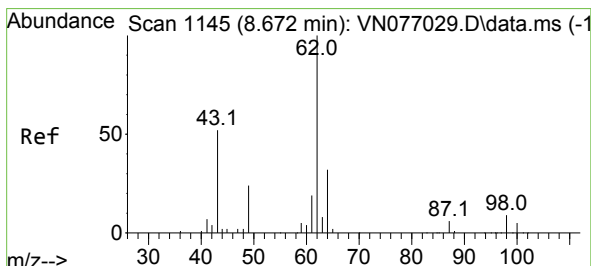
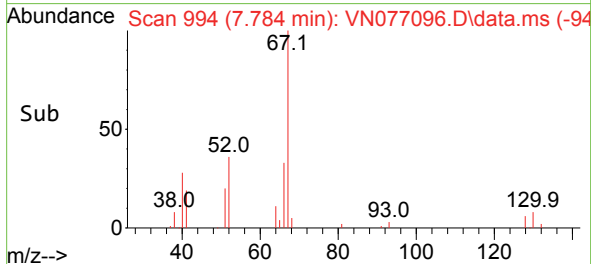
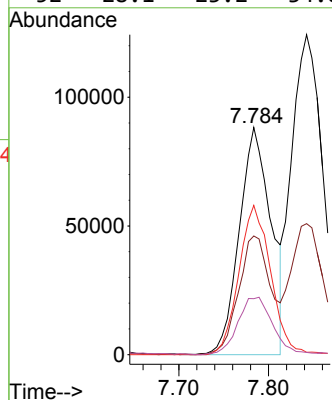
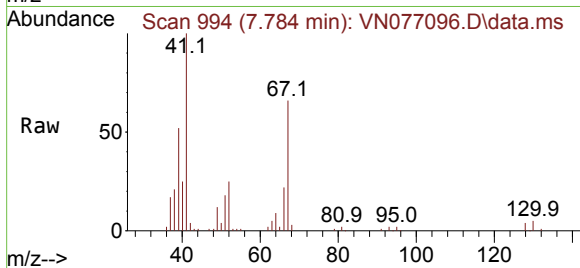


#41
Methacrylonitrile
Concen: 50.981 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 216672

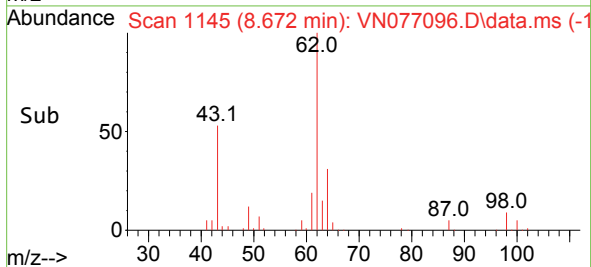
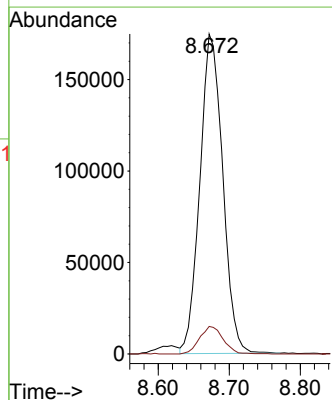
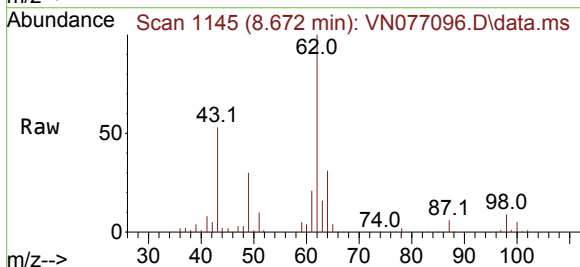
Ion	Ratio	Lower	Upper
41	100		
39	53.1	41.6	62.4
67	66.1	53.8	80.8
52	28.1	23.2	34.8

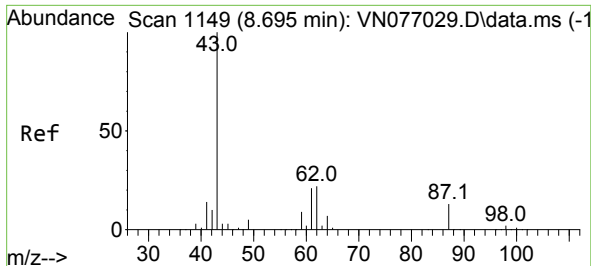


#42
1,2-Dichloroethane
Concen: 48.437 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 62 Resp: 391402

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.4

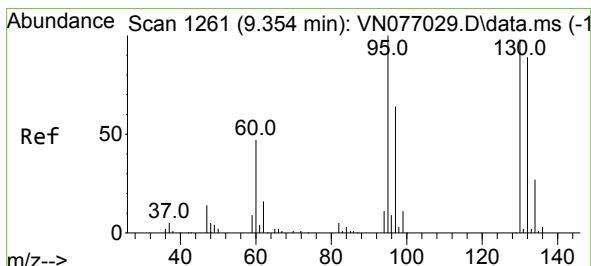
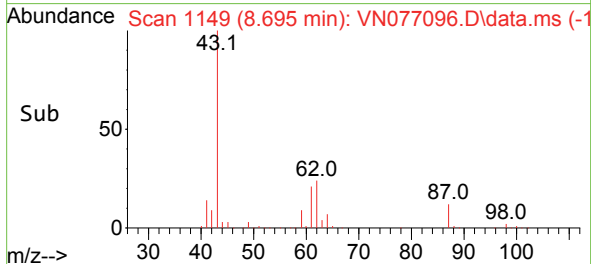
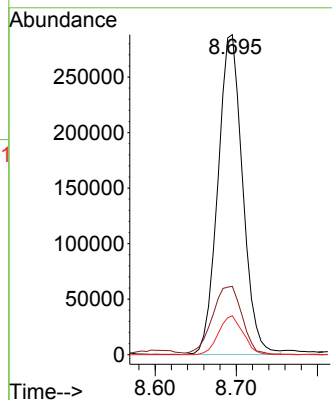
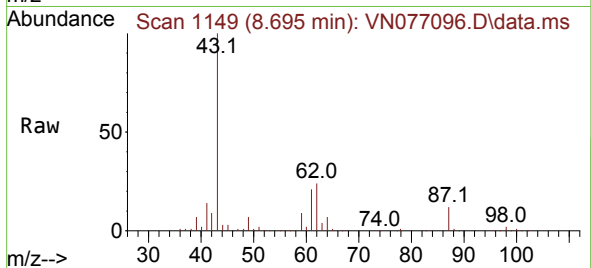




#43
Isopropyl Acetate
Concen: 49.499 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

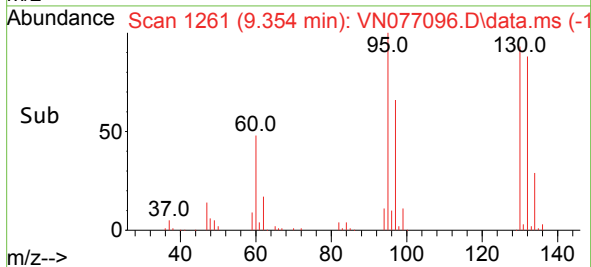
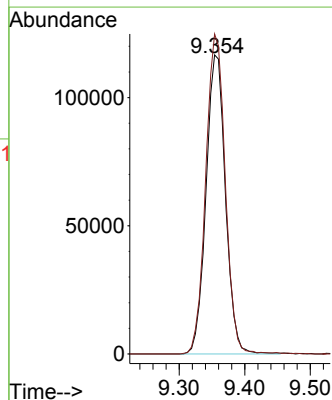
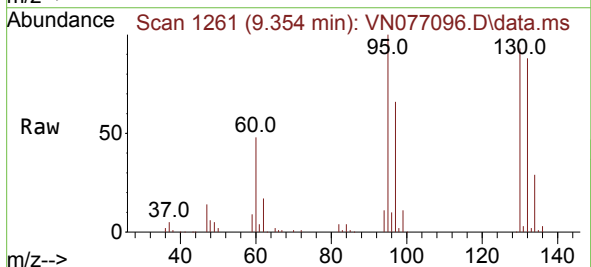
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

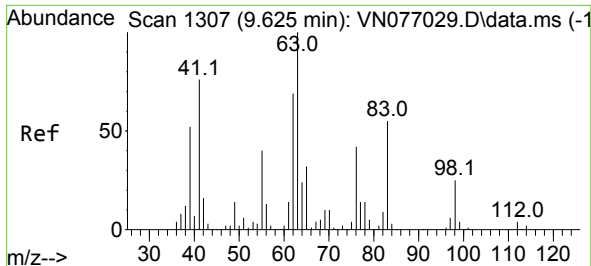
Tgt Ion: 43 Resp: 610031
Ion Ratio Lower Upper
43 100
61 25.8 20.6 30.8
87 12.1 10.0 15.0



#44
Trichloroethene
Concen: 46.840 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion:130 Resp: 240596
Ion Ratio Lower Upper
130 100
95 107.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.044 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077096.D

Acq: 22 Mar 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

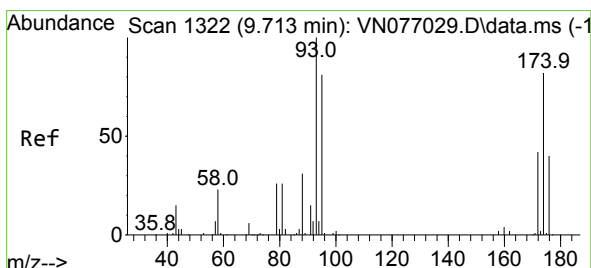
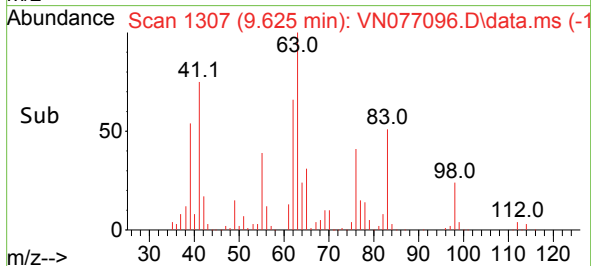
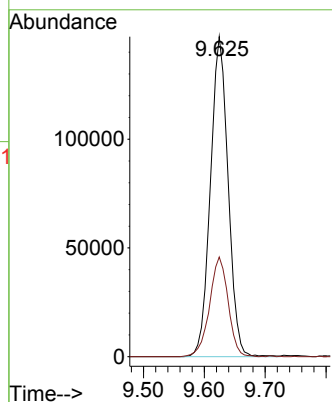
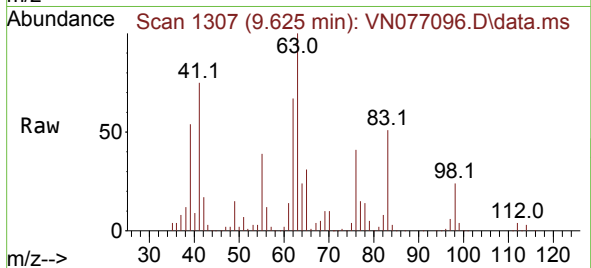
VSTDCCC050

Tgt Ion: 63 Resp: 297226

Ion Ratio Lower Upper

63 100

65 31.2 25.5 38.3



#46

Dibromomethane

Concen: 48.202 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077096.D

Acq: 22 Mar 2023 10:02

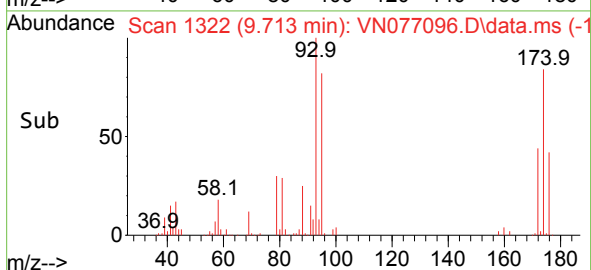
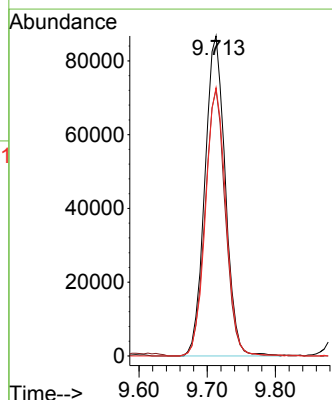
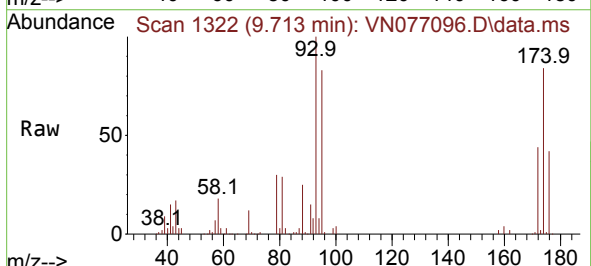
Tgt Ion: 93 Resp: 180554

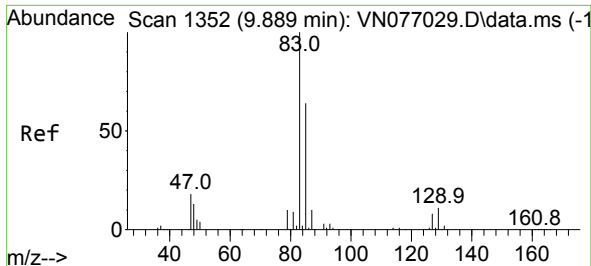
Ion Ratio Lower Upper

93 100

95 82.8 65.7 98.5

174 83.7 66.4 99.6

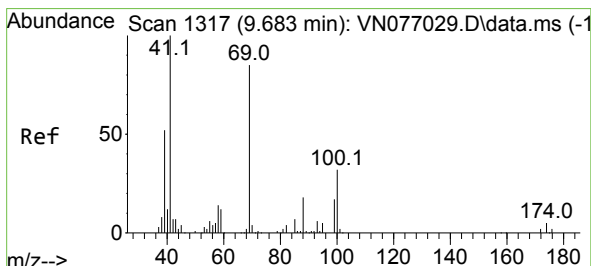
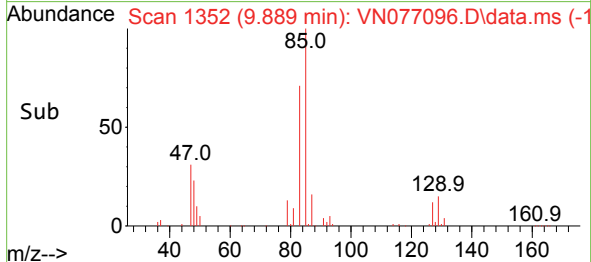
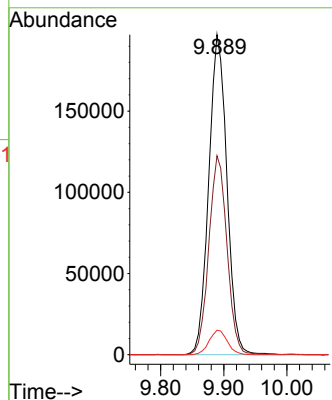
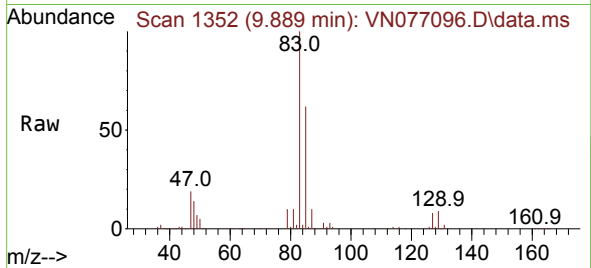




#47
Bromodichloromethane
Concen: 50.118 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

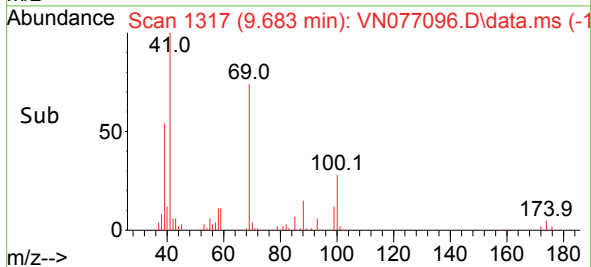
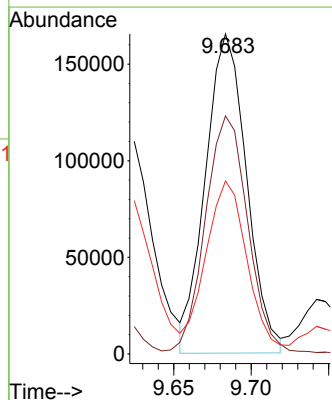
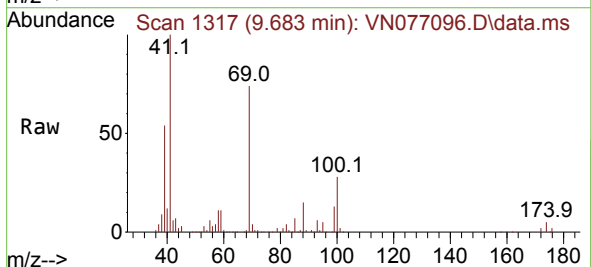
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

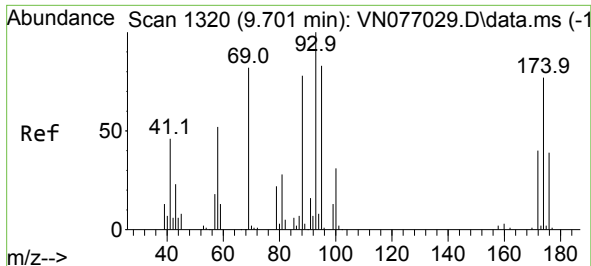
Tgt Ion: 83 Resp: 393732
Ion Ratio Lower Upper
83 100
85 62.1 51.0 76.4
127 7.6 6.1 9.1



#48
Methyl methacrylate
Concen: 51.714 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 41 Resp: 304688
Ion Ratio Lower Upper
41 100
69 77.5 64.3 96.5
39 55.0 43.2 64.8





#49

1,4-Dioxane

Concen: 866.375 ug/l

RT: 9.695 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN077096.D

Acq: 22 Mar 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

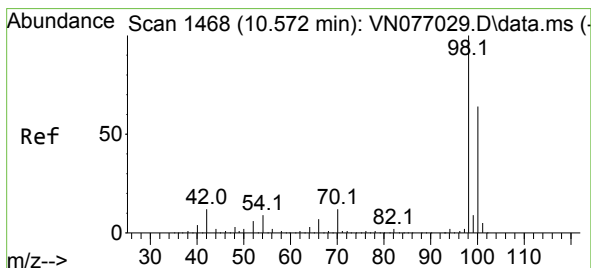
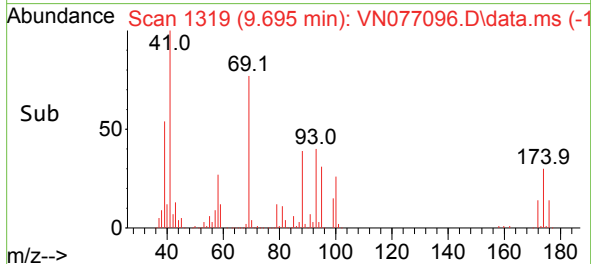
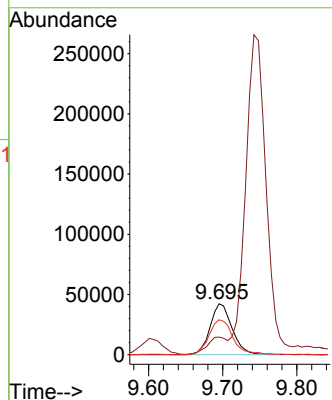
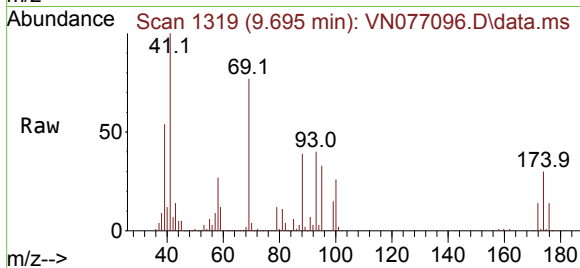
Tgt Ion: 88 Resp: 87184

Ion Ratio Lower Upper

88 100

43 30.8 22.2 33.2

58 75.0 60.8 91.2



#50

Toluene-d8

Concen: 51.416 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077096.D

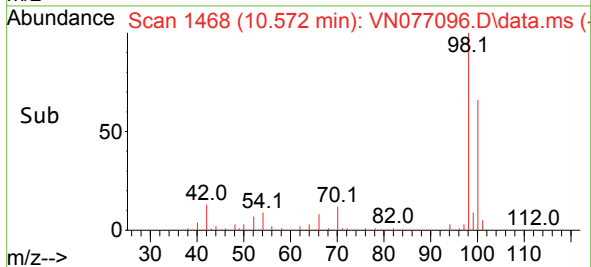
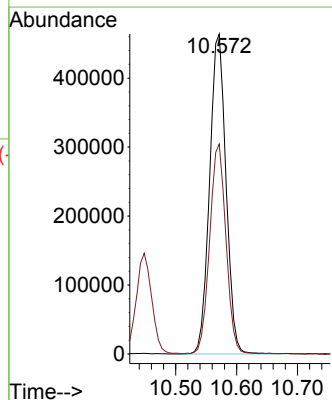
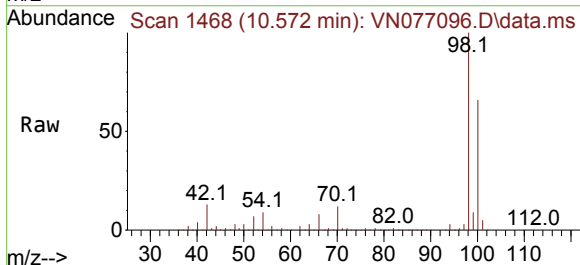
Acq: 22 Mar 2023 10:02

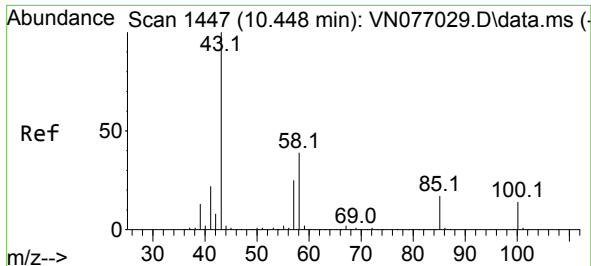
Tgt Ion: 98 Resp: 867047

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 240.412 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN077096.D

Acq: 22 Mar 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

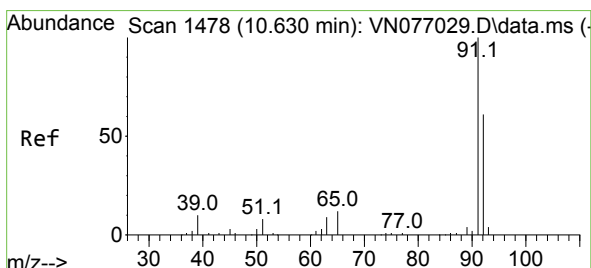
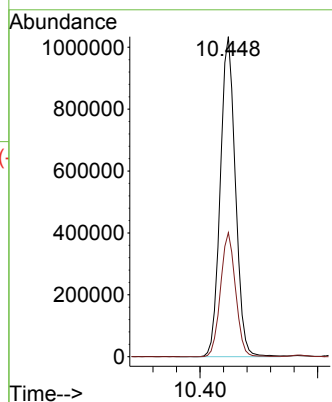
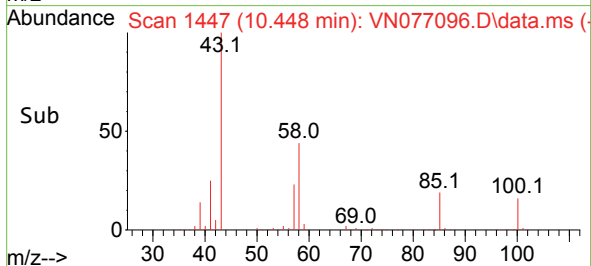
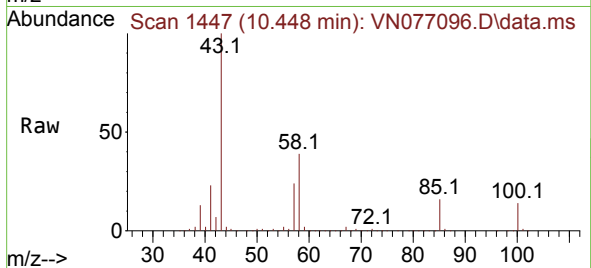
VSTDCCC050

Tgt Ion: 43 Resp: 1845056

Ion Ratio Lower Upper

43 100

58 38.5 31.1 46.7



#52

Toluene

Concen: 50.210 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VN077096.D

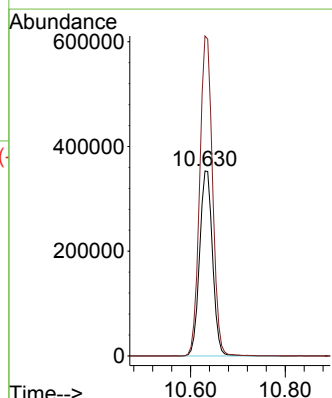
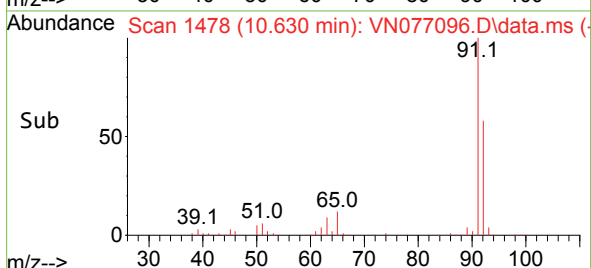
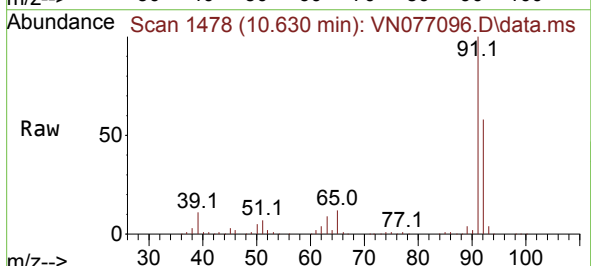
Acq: 22 Mar 2023 10:02

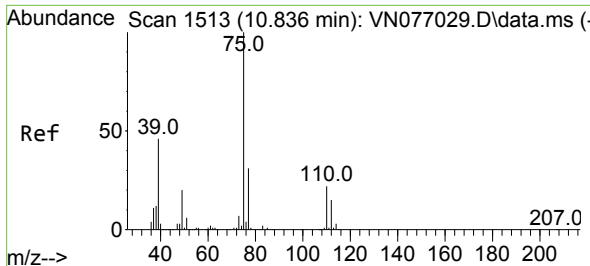
Tgt Ion: 92 Resp: 670395

Ion Ratio Lower Upper

92 100

91 172.0 135.8 203.8

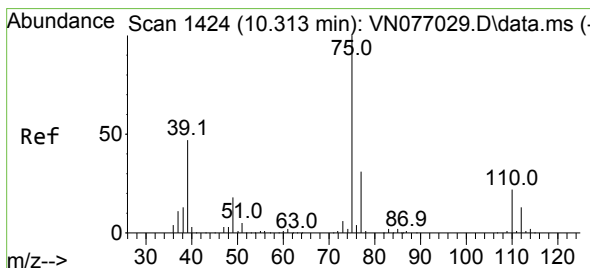
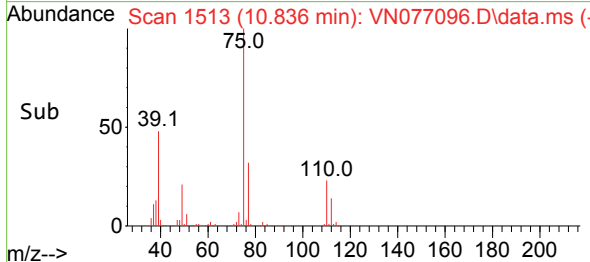
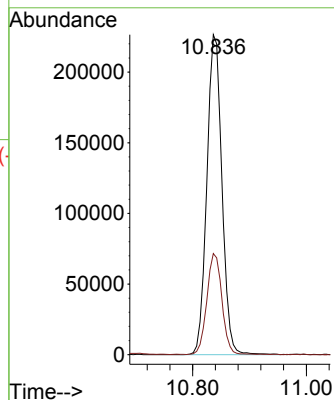
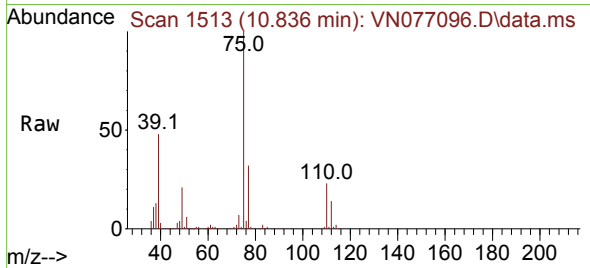




#53
t-1,3-Dichloropropene
Concen: 53.986 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

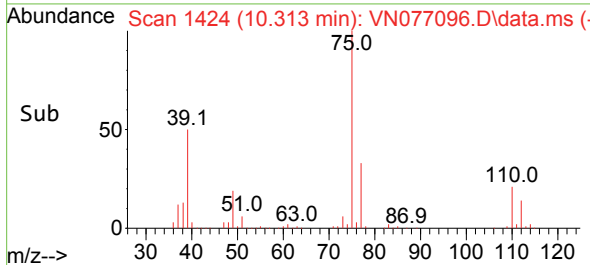
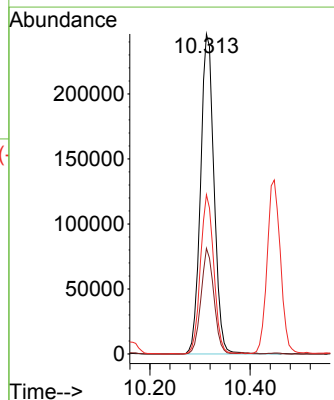
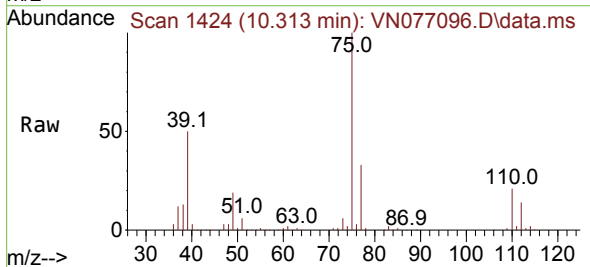
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

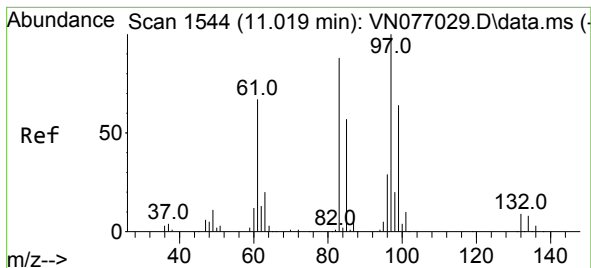
Tgt Ion: 75 Resp: 415677
Ion Ratio Lower Upper
75 100
77 31.6 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 52.948 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 75 Resp: 459988
Ion Ratio Lower Upper
75 100
77 33.0 24.5 36.7
39 49.7 37.8 56.6



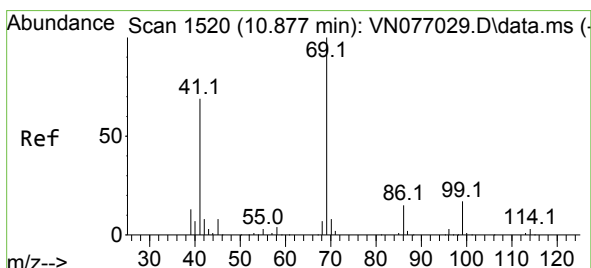
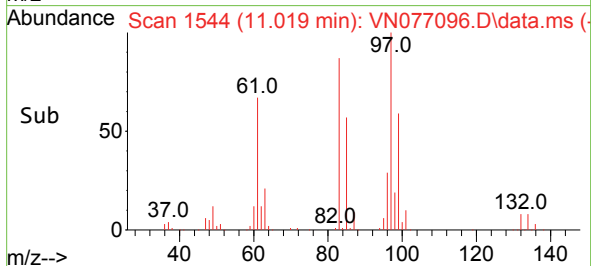
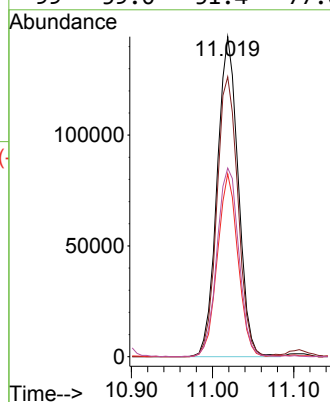
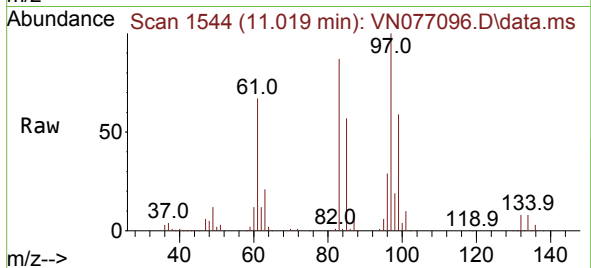


#55
1,1,2-Trichloroethane
Concen: 49.599 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 261147

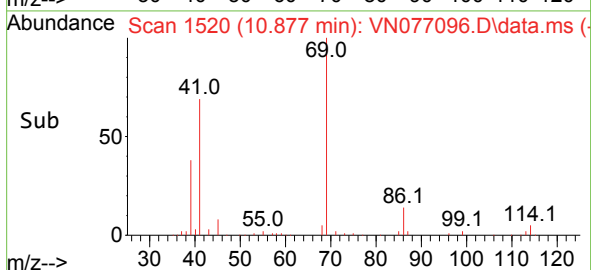
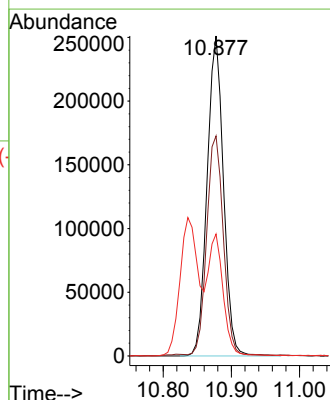
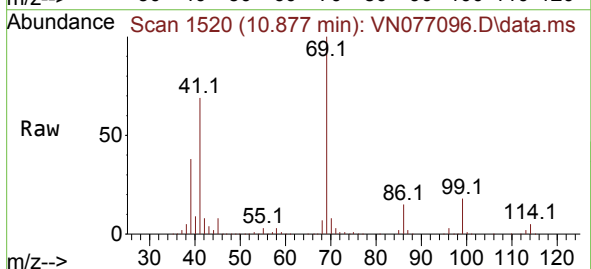
Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.5	105.7
85	57.1	45.4	68.2
99	59.0	51.4	77.0

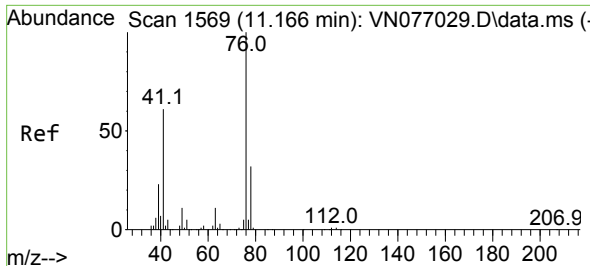


#56
Ethyl methacrylate
Concen: 52.927 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 69 Resp: 419037

Ion	Ratio	Lower	Upper
69	100		
41	69.7	54.9	82.3
39	34.2	26.6	40.0

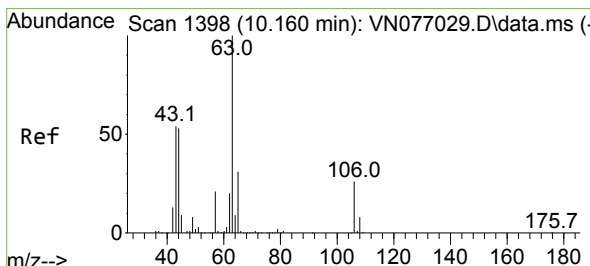
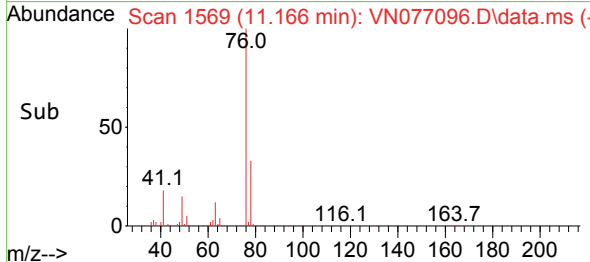
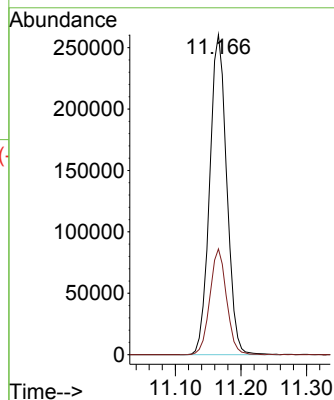
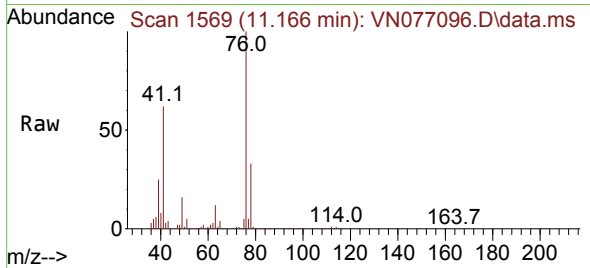




#57
1,3-Dichloropropane
Concen: 48.926 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

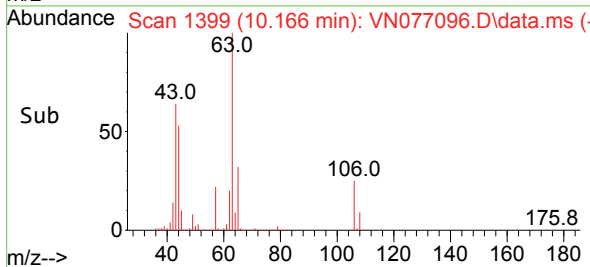
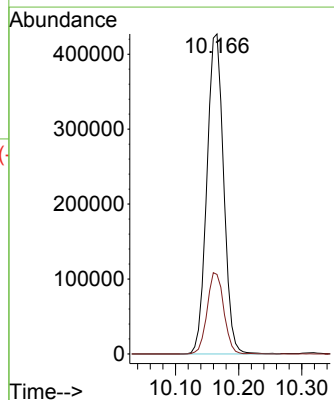
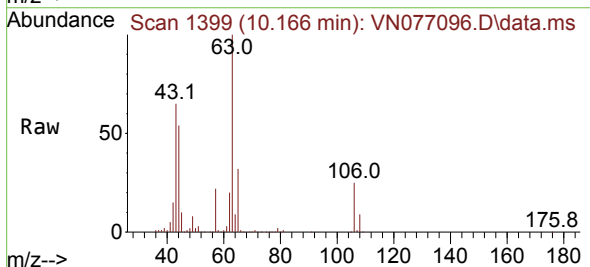
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

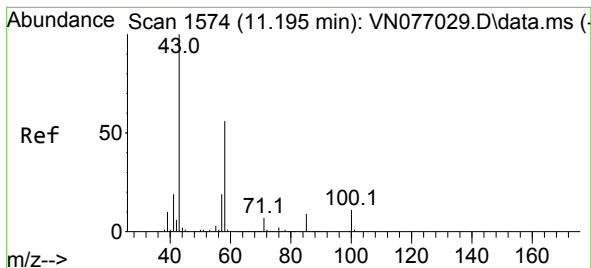
Tgt Ion: 76 Resp: 471623
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 232.504 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 63 Resp: 784776
Ion Ratio Lower Upper
63 100
106 25.3 20.6 31.0





#59

2-Hexanone

Concen: 245.464 ug/l

RT: 11.201 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077096.D

Acq: 22 Mar 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

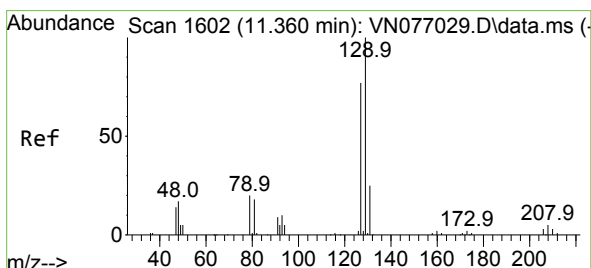
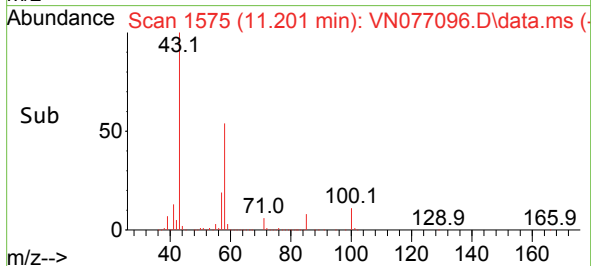
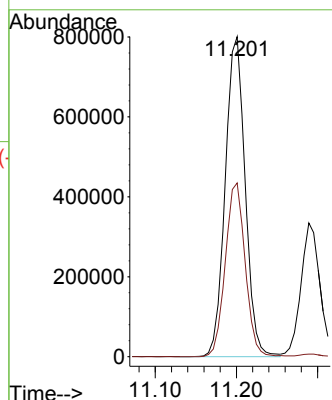
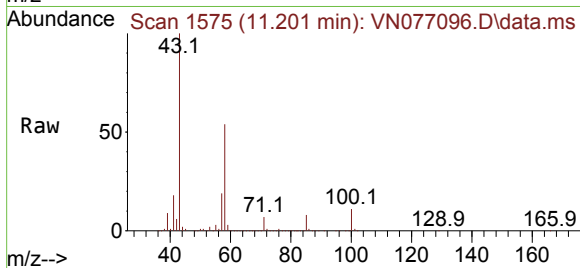
VSTDCCC050

Tgt Ion: 43 Resp: 1366364

Ion Ratio Lower Upper

43 100

58 54.2 27.7 83.1



#60

Dibromochloromethane

Concen: 50.515 ug/l

RT: 11.360 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VN077096.D

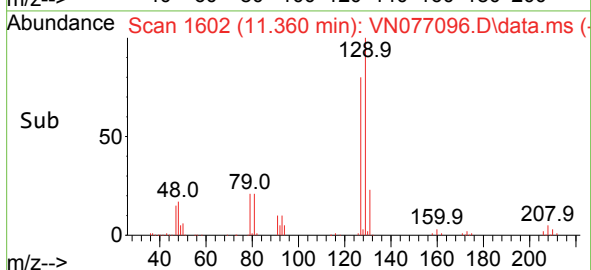
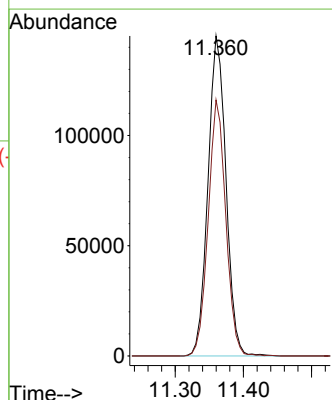
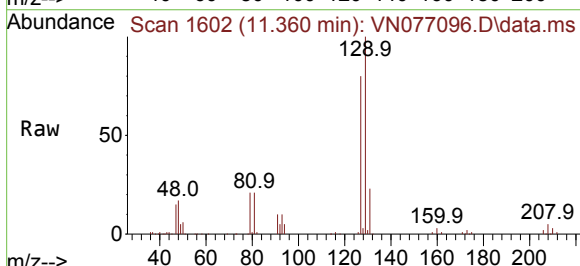
Acq: 22 Mar 2023 10:02

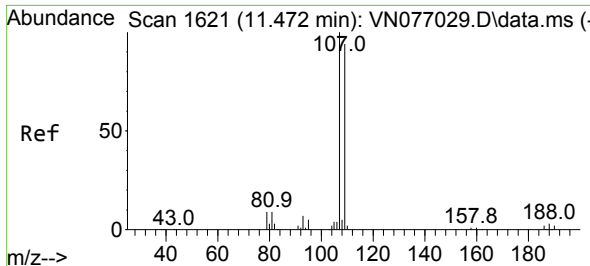
Tgt Ion:129 Resp: 267165

Ion Ratio Lower Upper

129 100

127 78.2 38.6 115.7

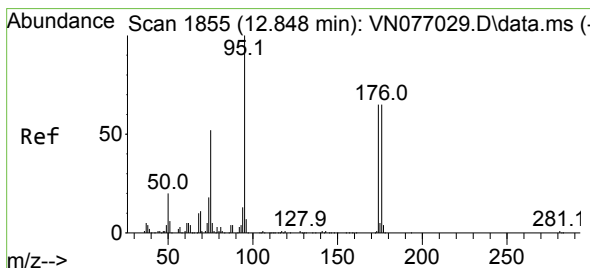
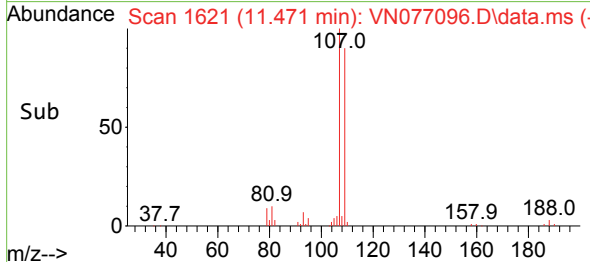
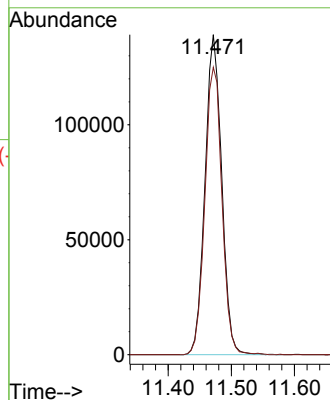
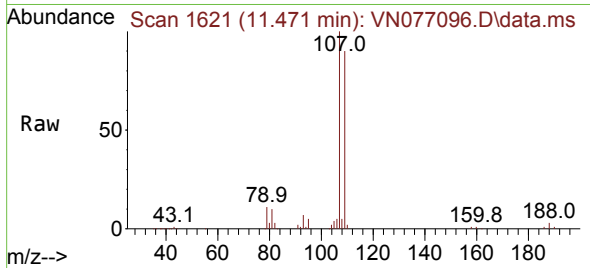




#61
1,2-Dibromoethane
Concen: 48.855 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

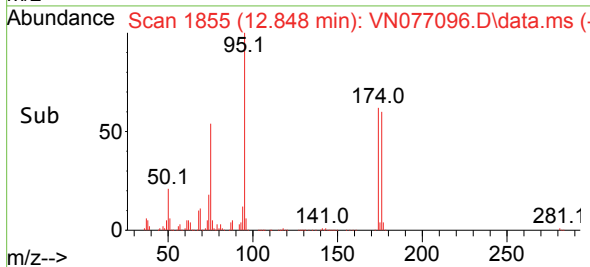
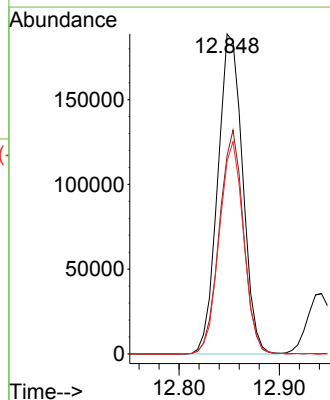
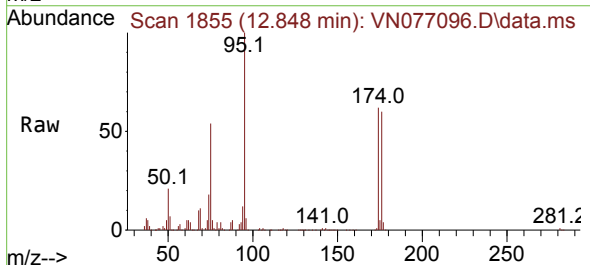
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

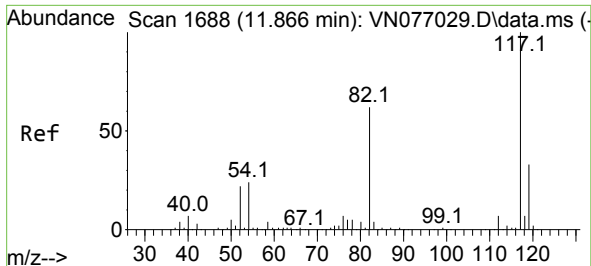
Tgt Ion:107 Resp: 255080
Ion Ratio Lower Upper
107 100
109 92.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.652 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 95 Resp: 325668
Ion Ratio Lower Upper
95 100
174 67.7 0.0 136.6
176 64.6 0.0 130.0

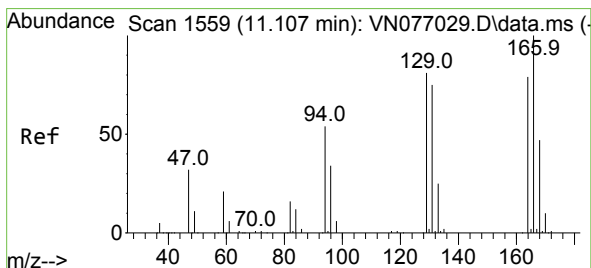
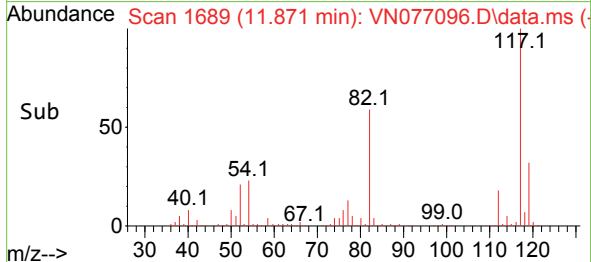
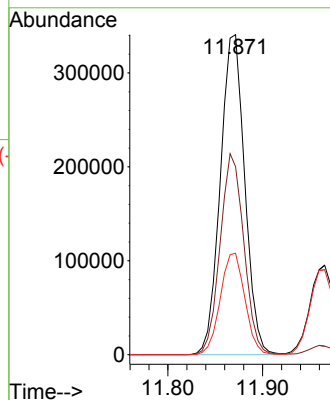
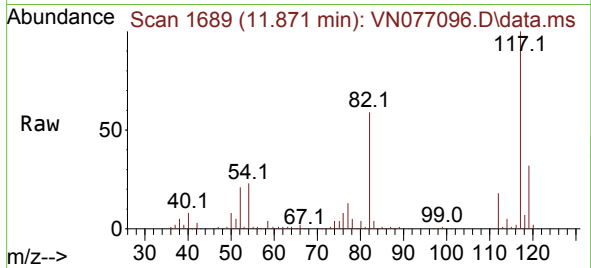




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

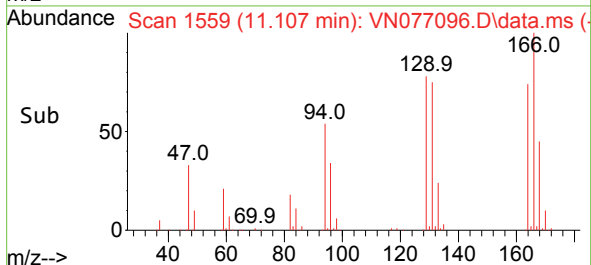
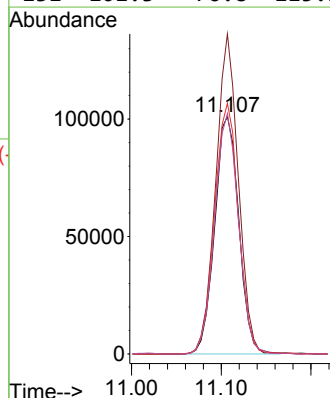
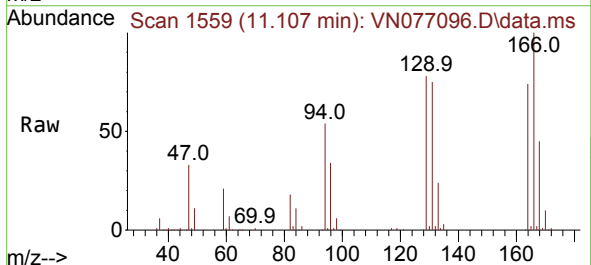
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

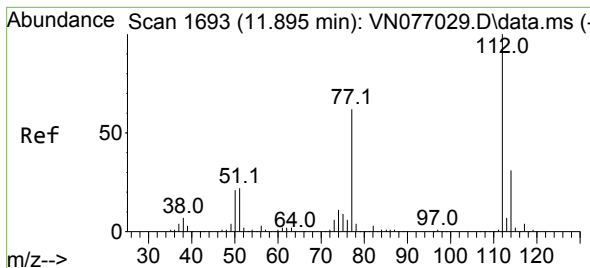
Tgt Ion:117 Resp: 611153
Ion Ratio Lower Upper
117 100
82 58.7 49.4 74.0
119 31.7 26.5 39.7



#64
Tetrachloroethene
Concen: 45.707 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion:164 Resp: 187475
Ion Ratio Lower Upper
164 100
166 134.8 101.9 152.9
129 105.6 82.6 123.8
131 101.3 76.8 115.2

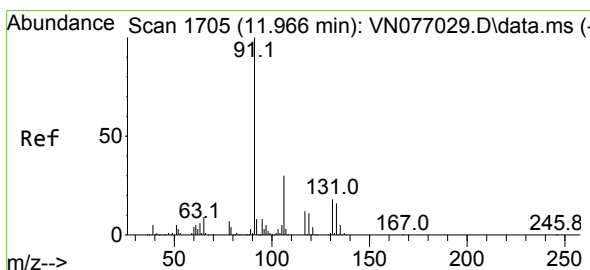
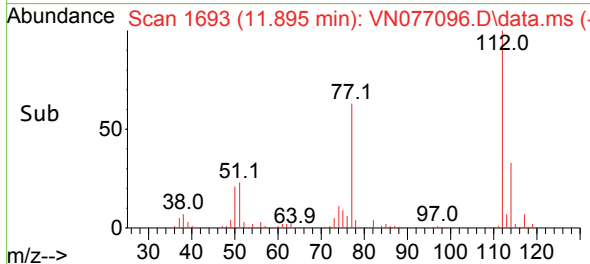
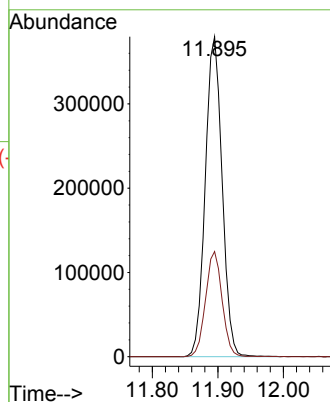
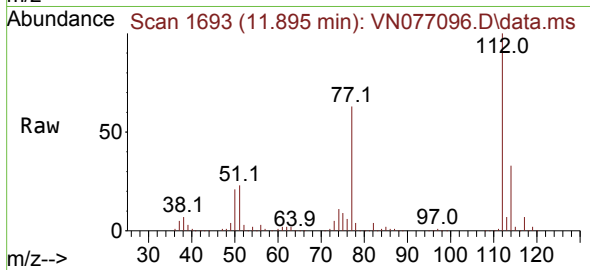




#65
Chlorobenzene
Concen: 48.266 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

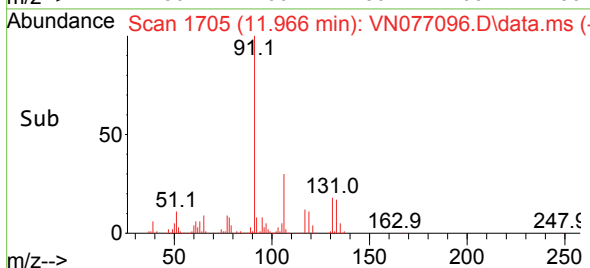
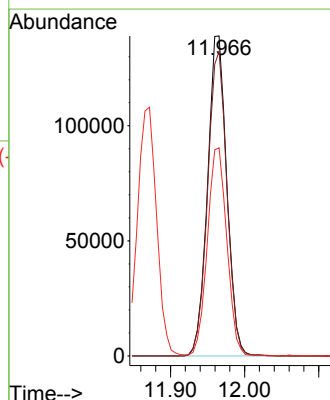
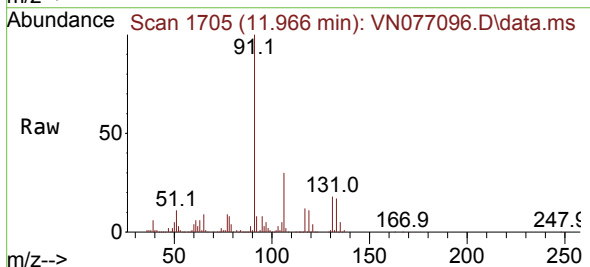
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

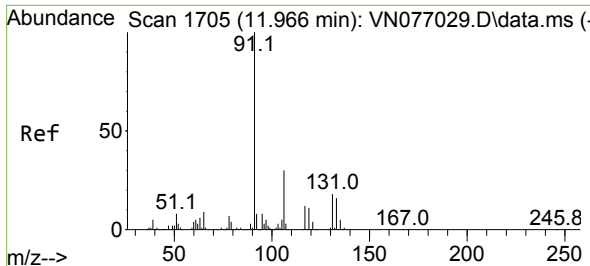
Tgt Ion:112 Resp: 678713
Ion Ratio Lower Upper
112 100
114 32.9 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.366 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion:131 Resp: 251657
Ion Ratio Lower Upper
131 100
133 95.1 46.8 140.3
119 65.8 32.6 97.8

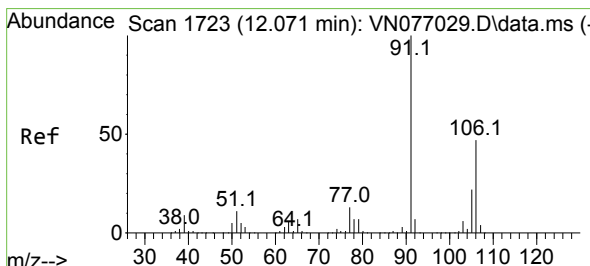
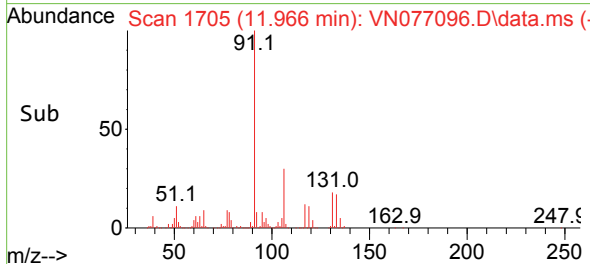
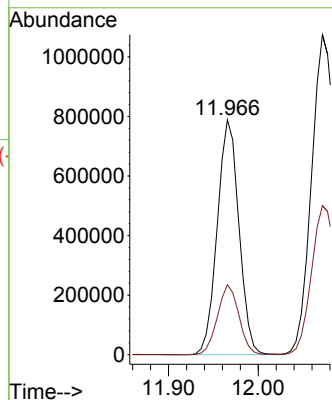
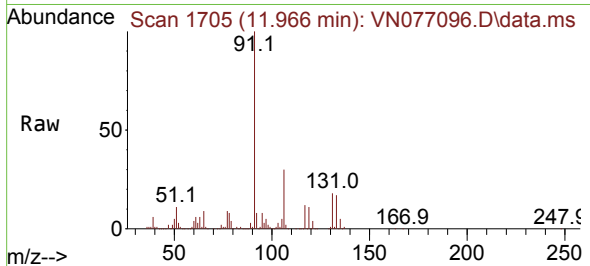




#67
Ethyl Benzene
Concen: 51.768 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

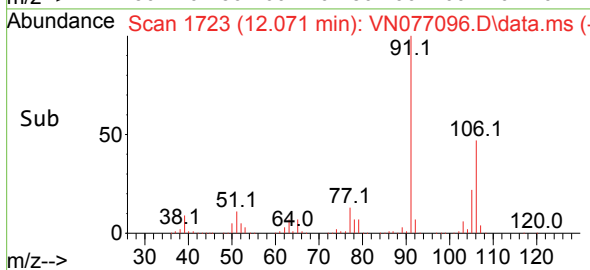
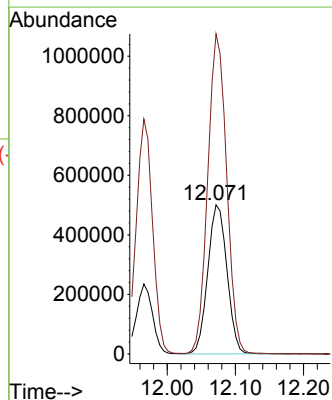
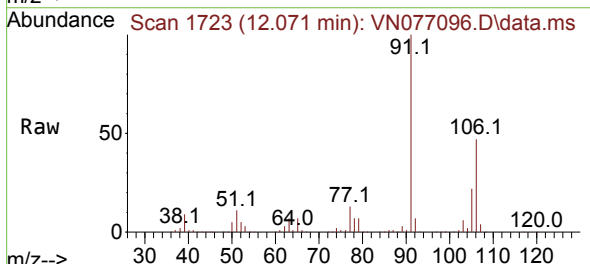
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

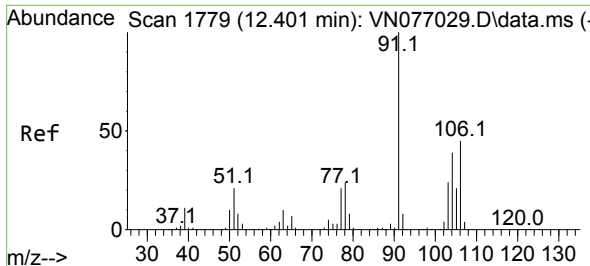
Tgt Ion: 91 Resp: 1322258
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5



#68
m/p-Xylenes
Concen: 103.627 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion:106 Resp: 981613
Ion Ratio Lower Upper
106 100
91 211.4 168.0 252.0

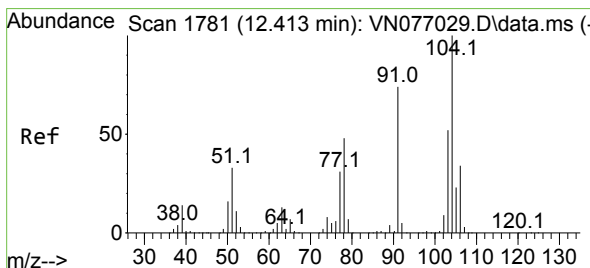
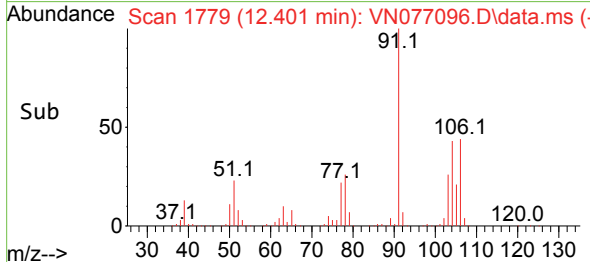
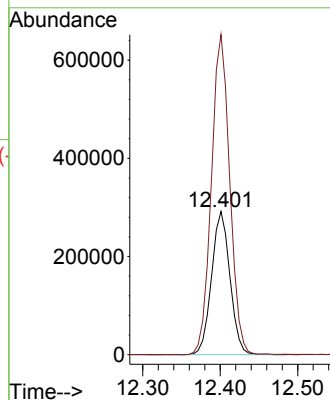
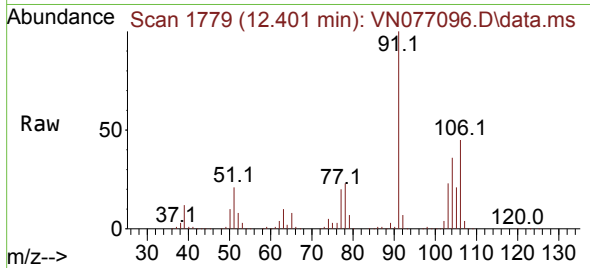




#69
o-Xylene
Concen: 51.151 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

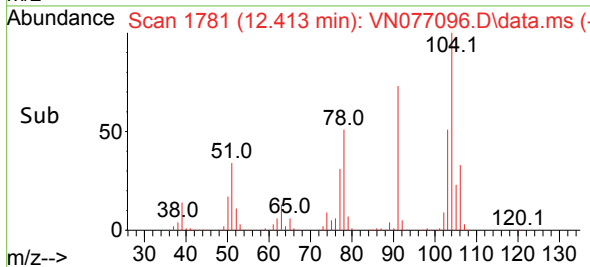
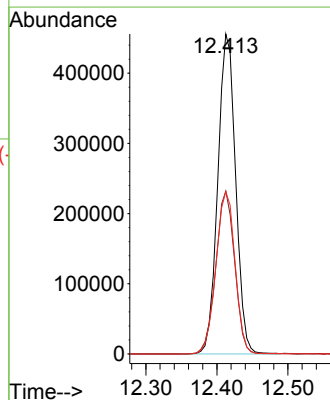
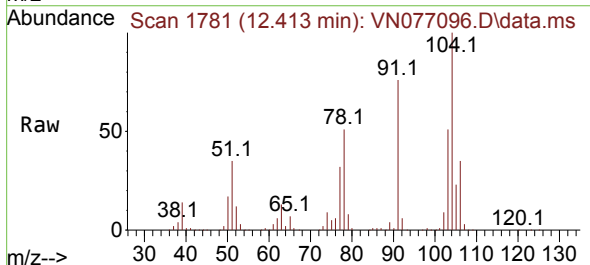
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

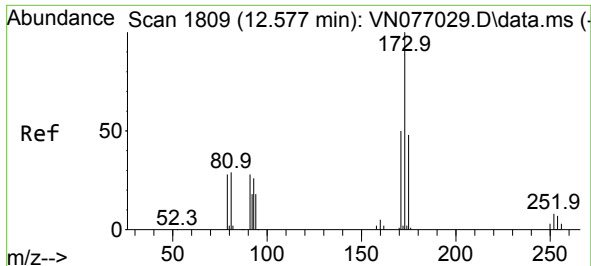
Tgt Ion:106 Resp: 481447
Ion Ratio Lower Upper
106 100
91 224.3 110.3 330.9



#70
Styrene
Concen: 54.073 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion:104 Resp: 792361
Ion Ratio Lower Upper
104 100
78 53.9 41.8 62.8
103 54.4 43.8 65.6

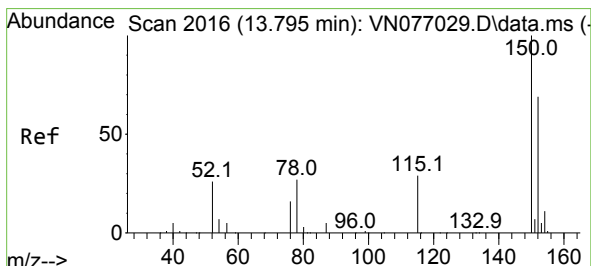
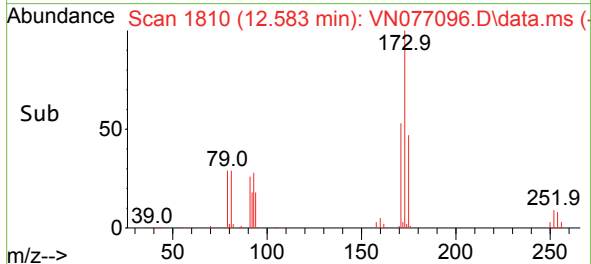
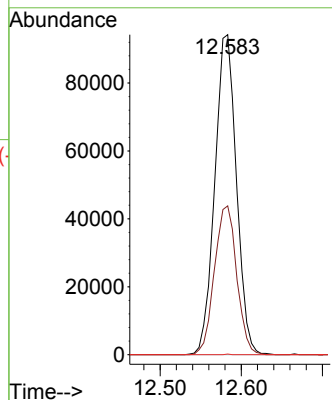
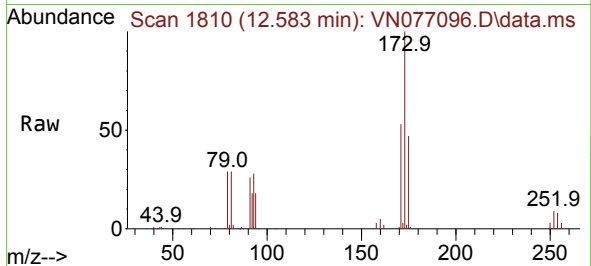




#71
Bromoform
Concen: 49.489 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

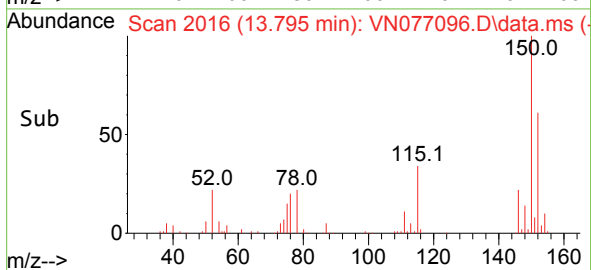
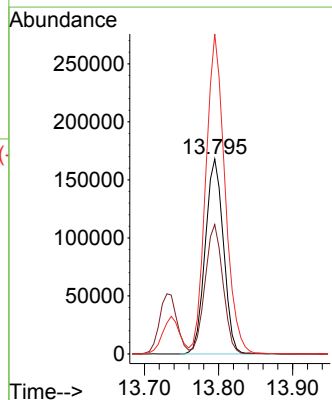
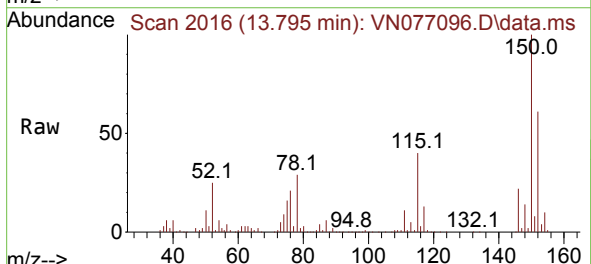
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

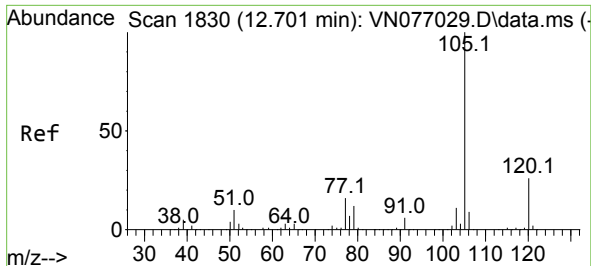
Tgt Ion:173 Resp: 174489
Ion Ratio Lower Upper
173 100
175 47.9 24.5 73.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion:152 Resp: 286527
Ion Ratio Lower Upper
152 100
115 65.0 31.9 95.7
150 173.2 0.0 348.0

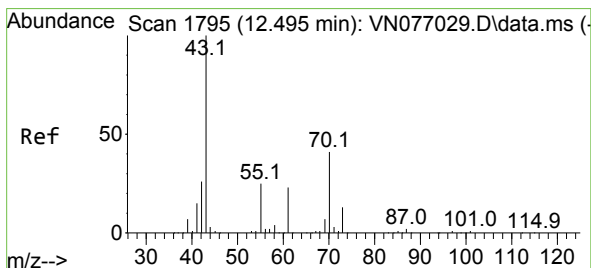
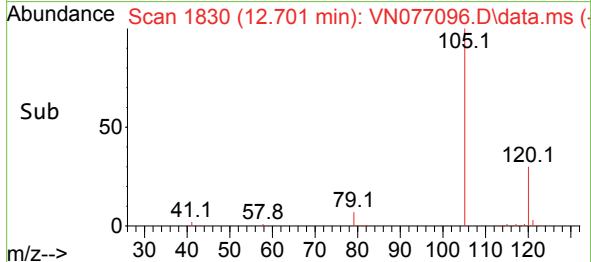
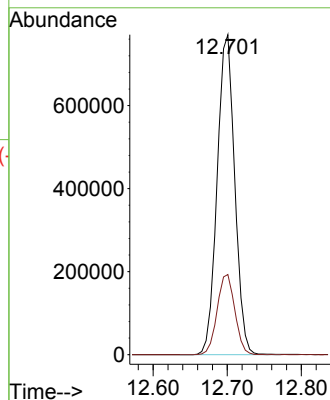
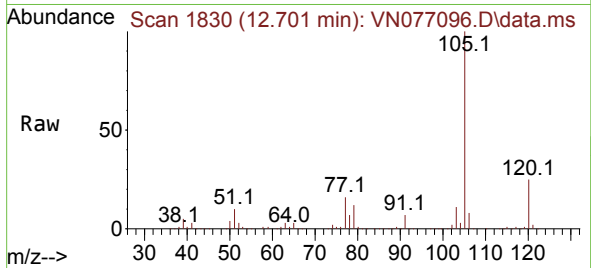




#73
Isopropylbenzene
Concen: 49.402 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

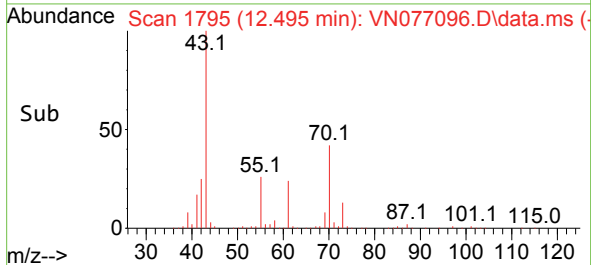
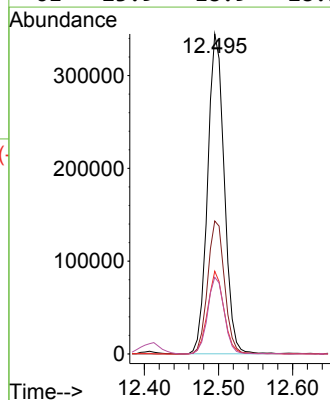
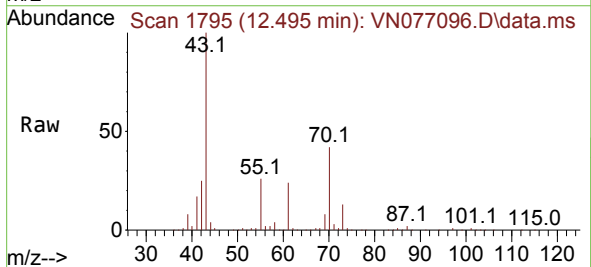
Instrument :
MSVOA_N
ClientSampleId :
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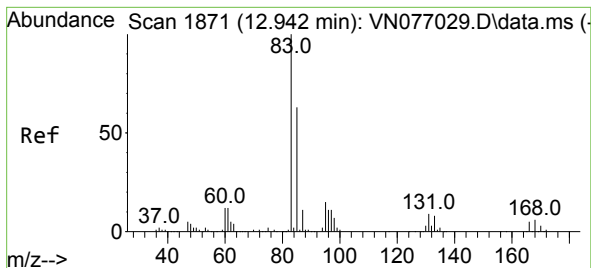
Tgt Ion:105 Resp: 1268510
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4



#74
N-ethyl acetate
Concen: 48.272 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 43 Resp: 536507
Ion Ratio Lower Upper
43 100
70 42.5 33.6 50.4
55 25.5 20.3 30.5
61 23.9 18.9 28.3

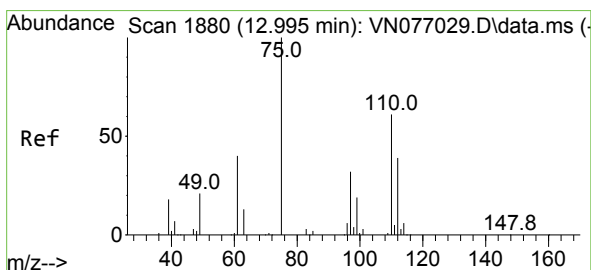
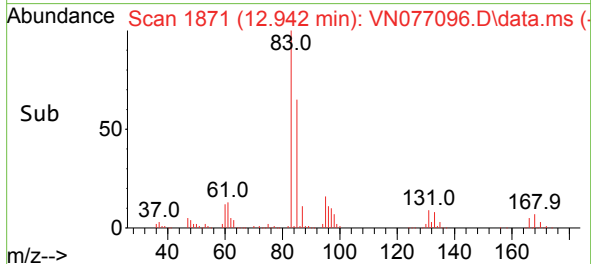
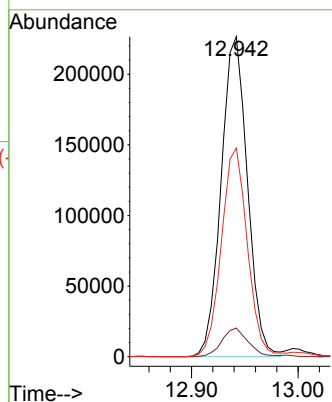
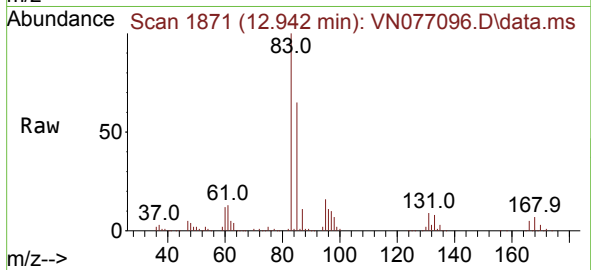




#75
1,1,2,2-Tetrachloroethane
Concen: 41.825 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

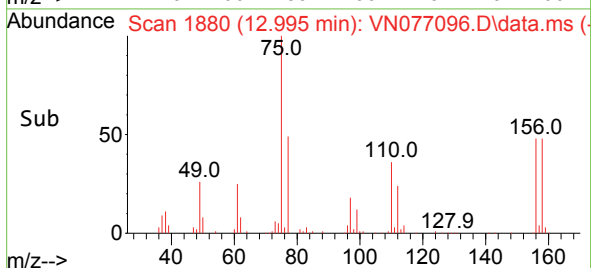
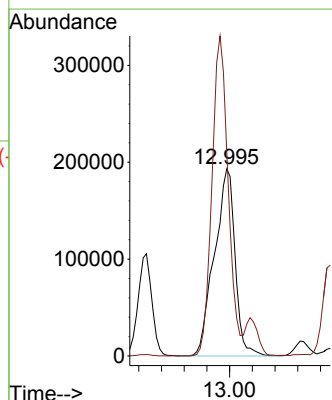
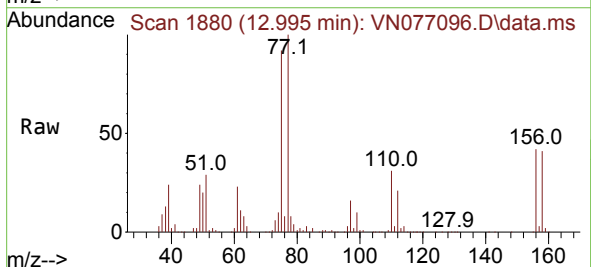
Instrument :
MSVOA_N
ClientSampleId :
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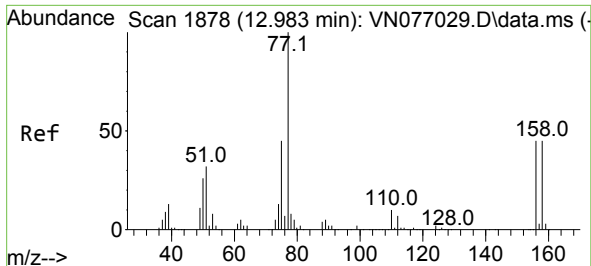
Tgt Ion: 83 Resp: 389083
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 64.6 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 65.938 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 75 Resp: 488692
Ion Ratio Lower Upper
75 100
77 133.0 107.3 322.0

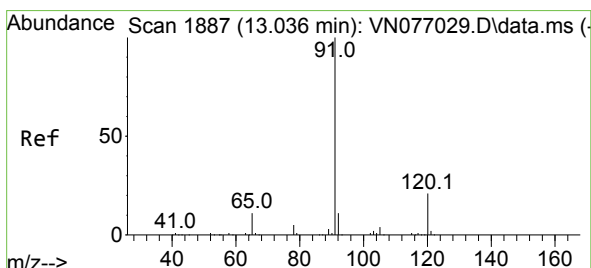
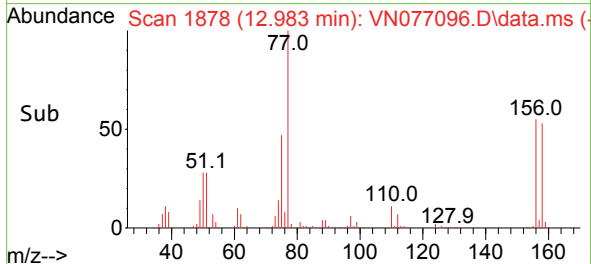
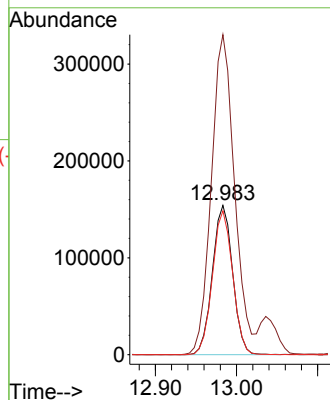
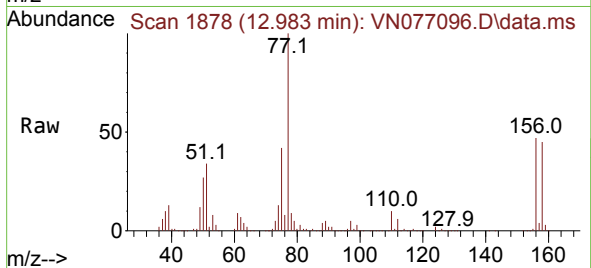




#77
Bromobenzene
Concen: 46.389 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

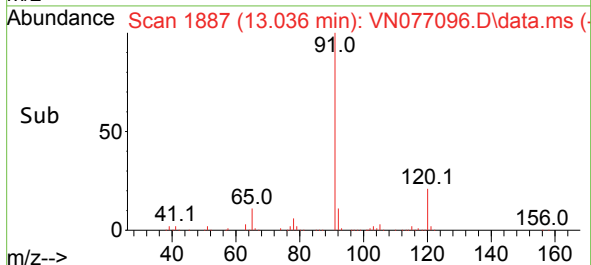
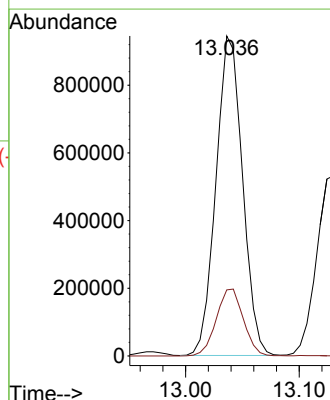
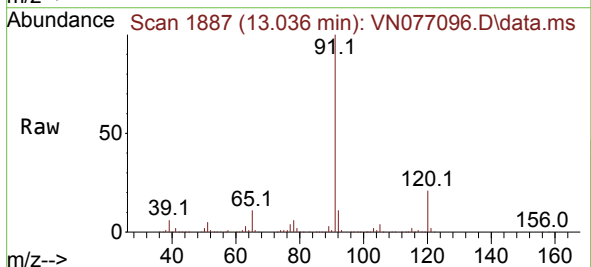
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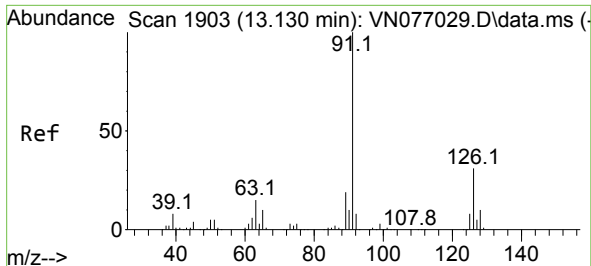
Tgt Ion:156 Resp: 266836
Ion Ratio Lower Upper
156 100
77 243.7 124.8 374.3
158 96.3 48.6 145.9



#78
n-propylbenzene
Concen: 51.798 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 91 Resp: 1535415
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.3

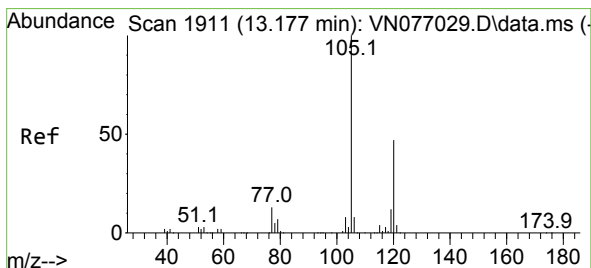
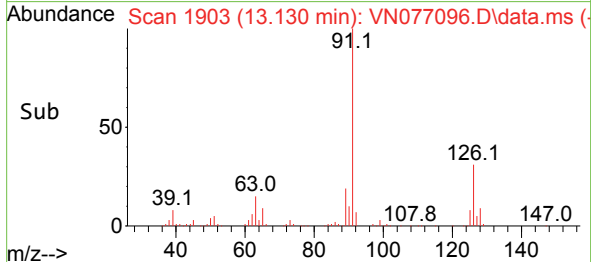
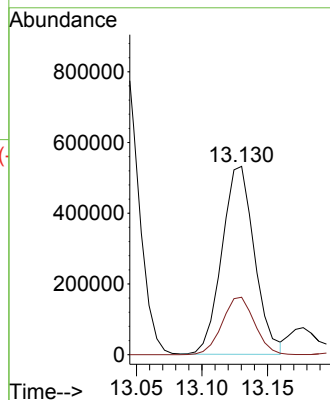
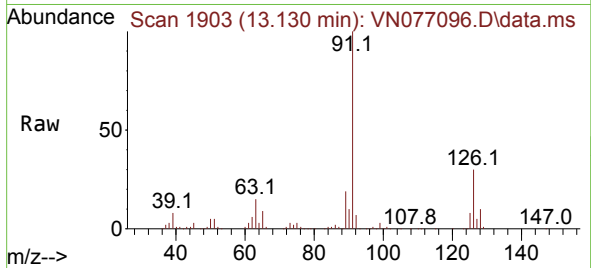




#79
2-Chlorotoluene
Concen: 48.677 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

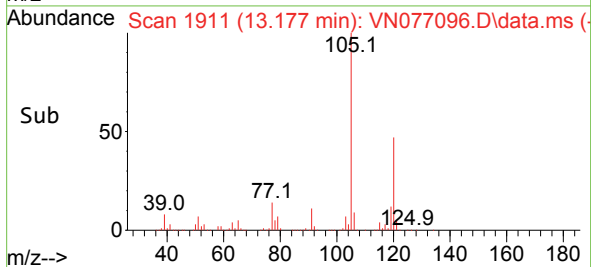
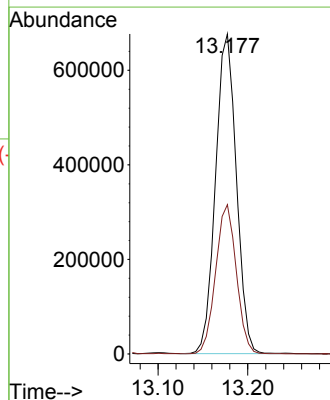
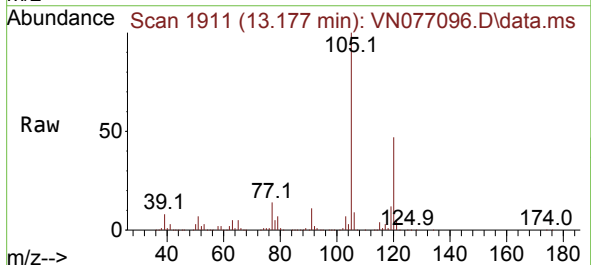
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

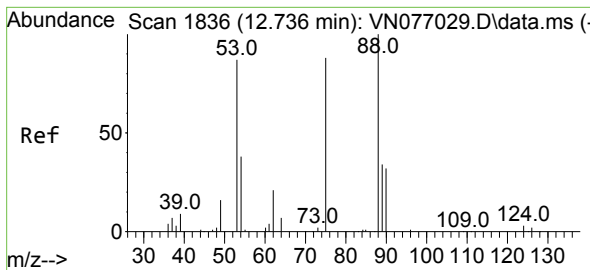
Tgt Ion: 91 Resp: 919399
Ion Ratio Lower Upper
91 100
126 30.4 15.2 45.5



#80
1,3,5-Trimethylbenzene
Concen: 50.734 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion:105 Resp: 1087666
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.2

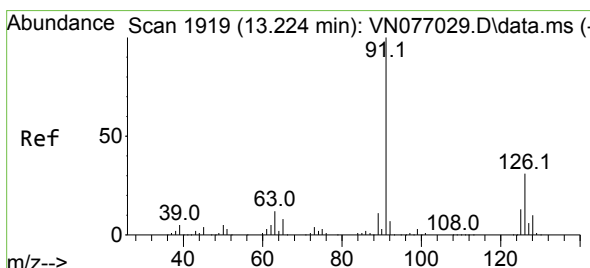
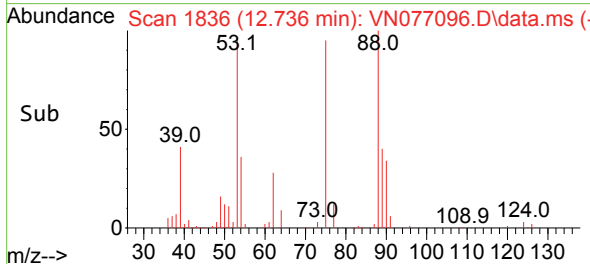
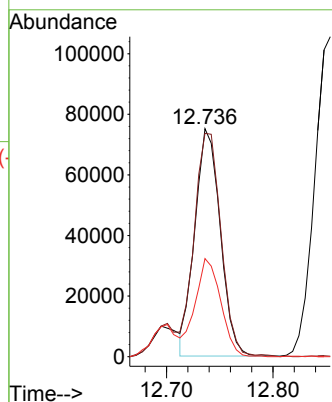
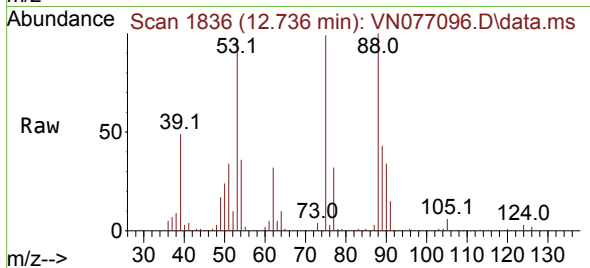




#81
trans-1,4-Dichloro-2-butene
Concen: 46.303 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

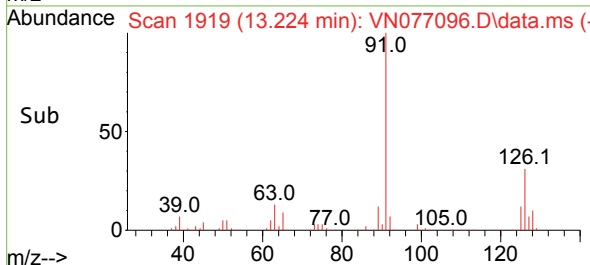
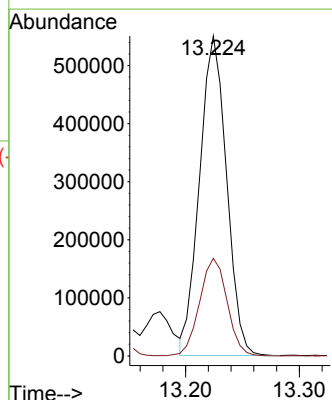
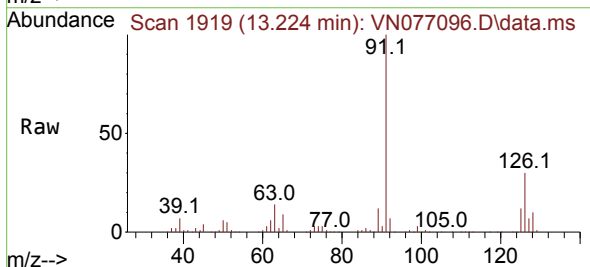
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

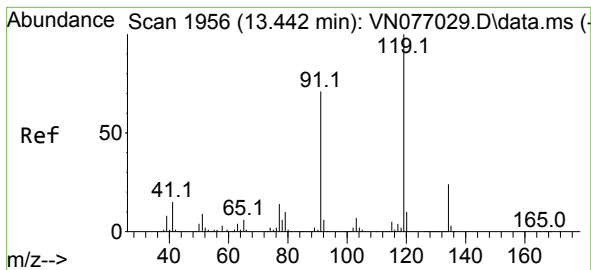
Tgt Ion: 75 Resp: 124673
Ion Ratio Lower Upper
75 100
53 105.9 80.8 121.2
89 43.6 34.2 51.4



#82
4-Chlorotoluene
Concen: 50.544 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 91 Resp: 907809
Ion Ratio Lower Upper
91 100
126 31.2 15.5 46.5

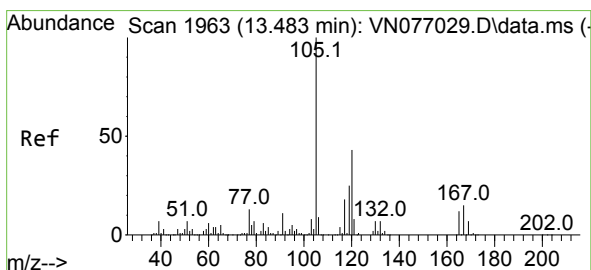
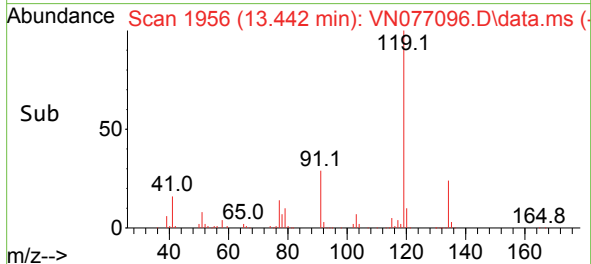
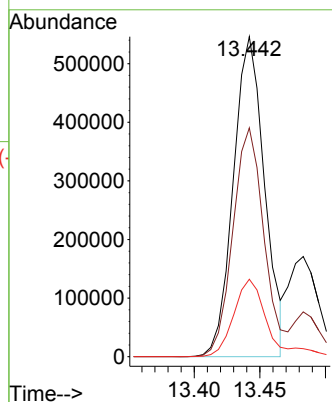
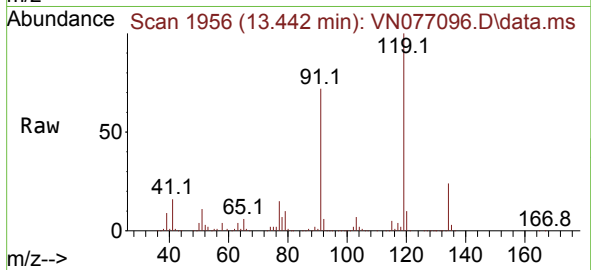




#83
tert-Butylbenzene
Concen: 50.219 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

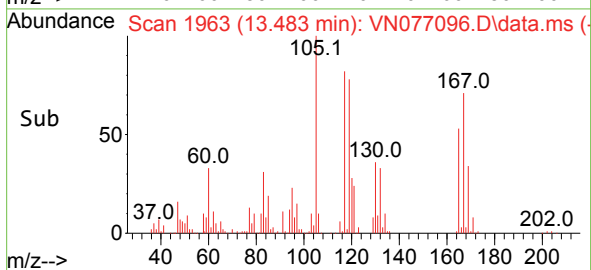
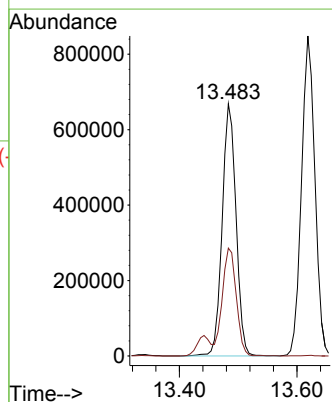
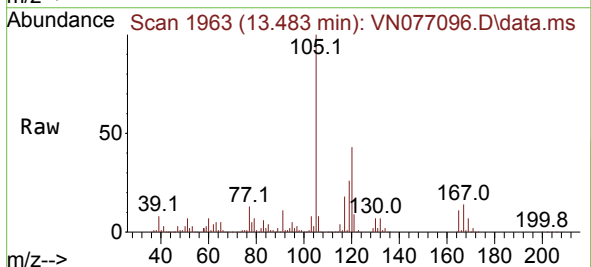
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

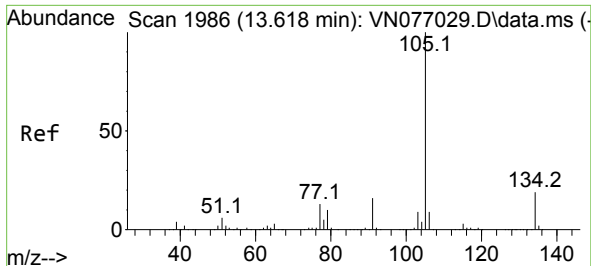
Tgt Ion:119 Resp: 903928
Ion Ratio Lower Upper
119 100
91 72.0 35.8 107.3
134 26.1 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 51.115 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion:105 Resp: 1093561
Ion Ratio Lower Upper
105 100
120 43.8 21.8 65.3

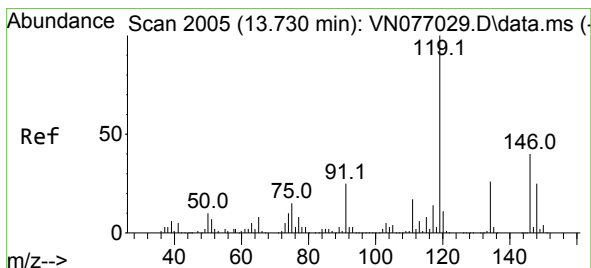
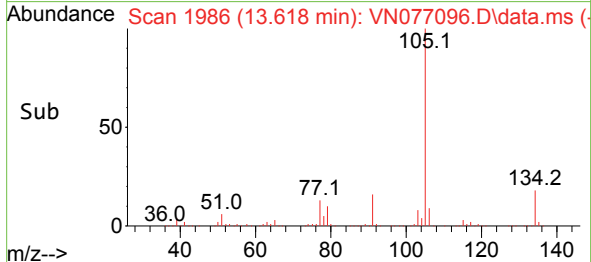
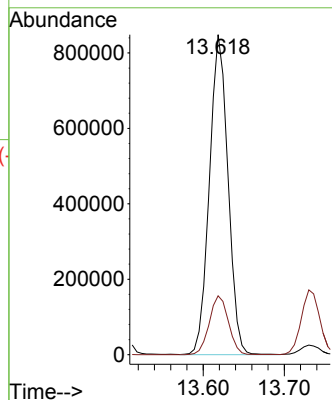
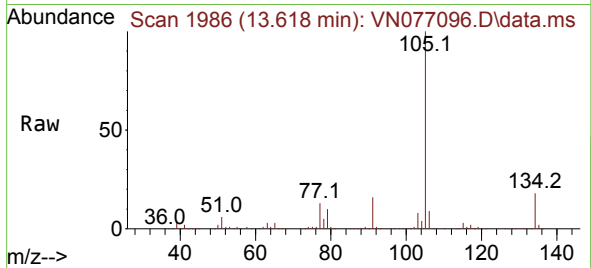




#85
 sec-Butylbenzene
 Concen: 52.557 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077096.D
 Acq: 22 Mar 2023 10:02

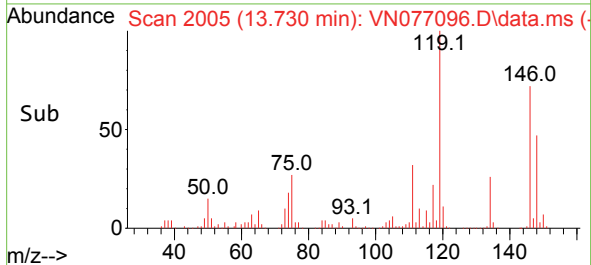
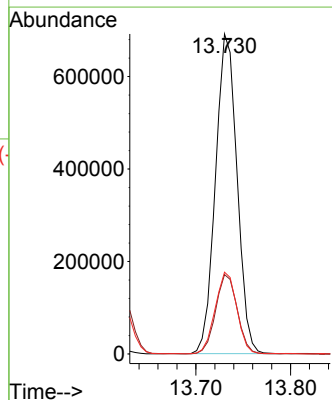
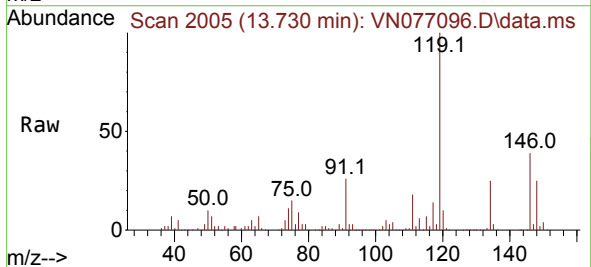
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

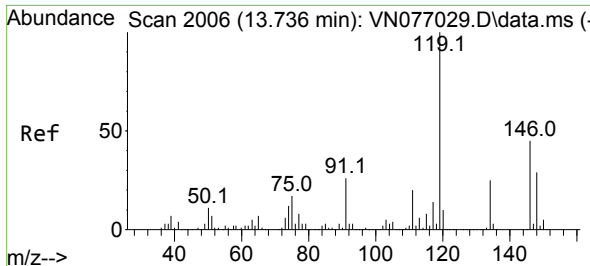
Tgt Ion:105 Resp: 1345711
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.3 27.9



#86
 p-Isopropyltoluene
 Concen: 53.123 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077096.D
 Acq: 22 Mar 2023 10:02

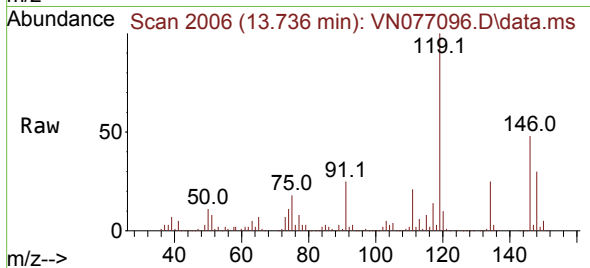
Tgt Ion:119 Resp: 1092326
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.8 38.4
 91 25.5 12.7 38.1



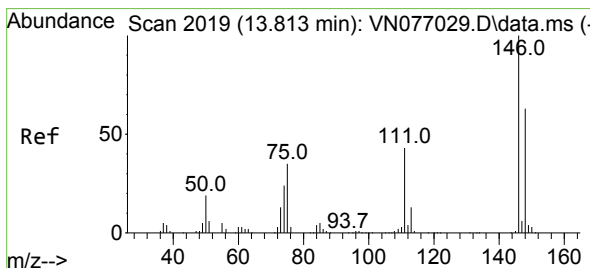
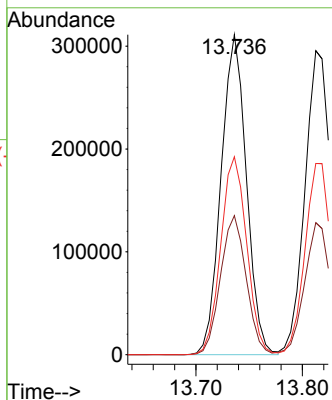
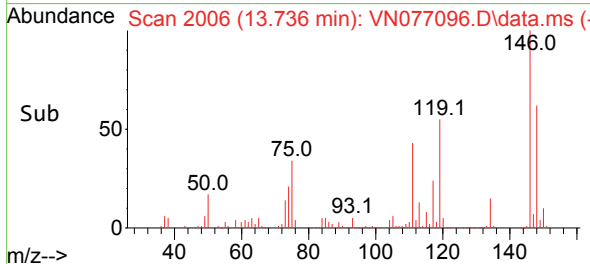


#87
 1,3-Dichlorobenzene
 Concen: 47.302 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077096.D
 Acq: 22 Mar 2023 10:02

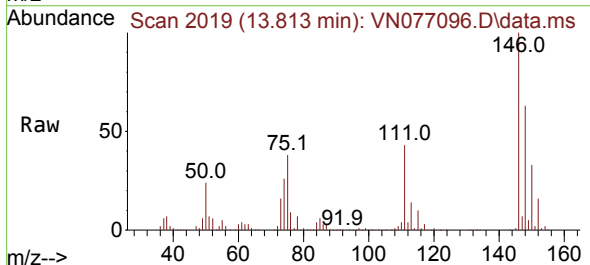
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



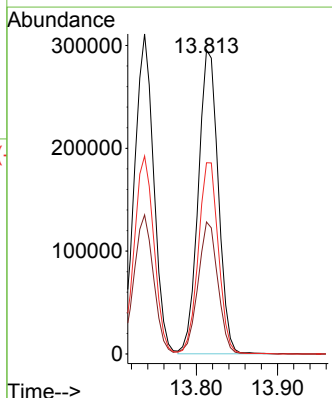
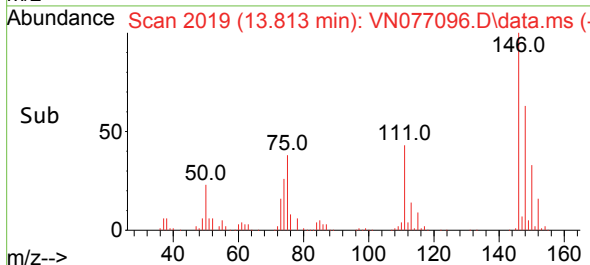
Tgt Ion:146 Resp: 514235
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.9 65.5
 148 63.4 32.1 96.5

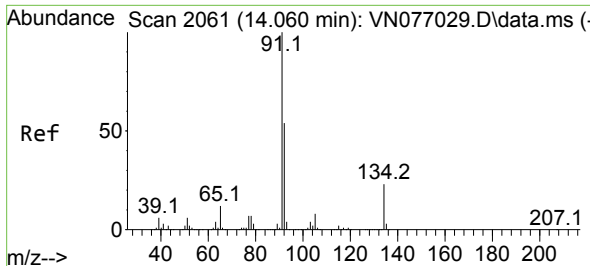


#88
 1,4-Dichlorobenzene
 Concen: 46.621 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077096.D
 Acq: 22 Mar 2023 10:02



Tgt Ion:146 Resp: 504267
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.5 64.5
 148 63.0 31.9 95.9

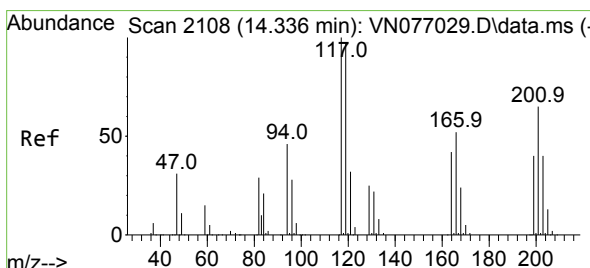
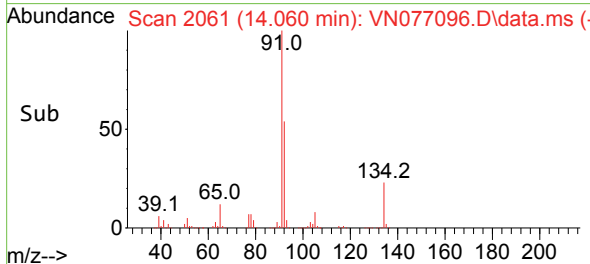
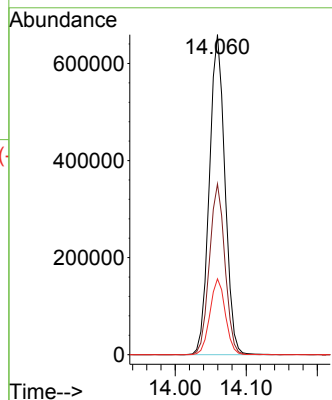
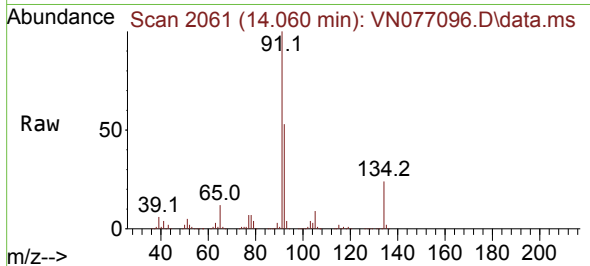




#89
n-Butylbenzene
Concen: 55.690 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

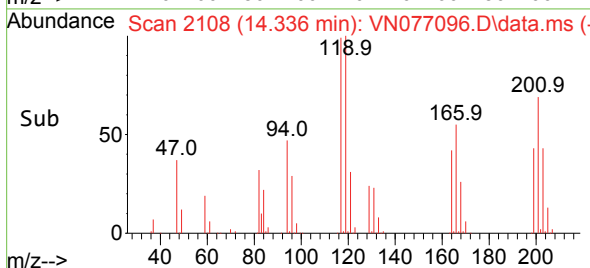
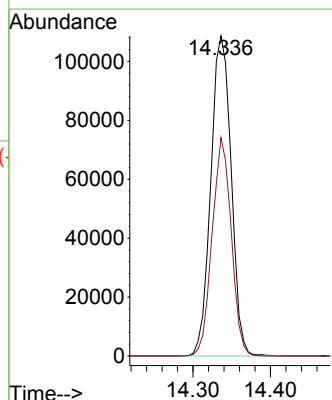
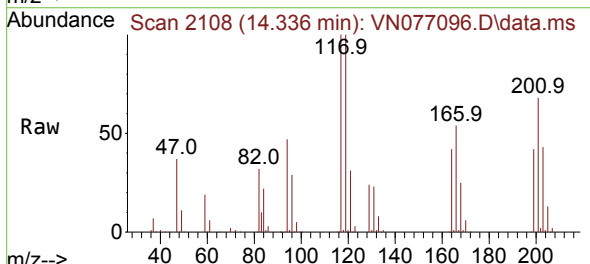
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

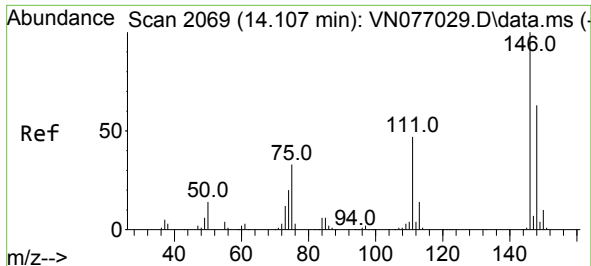
Tgt Ion: 91 Resp: 1004575
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 23.4 11.7 35.1



#90
Hexachloroethane
Concen: 47.506 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion:117 Resp: 198600
Ion Ratio Lower Upper
117 100
201 63.9 32.5 97.4

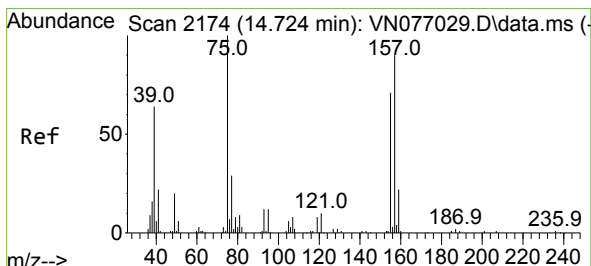
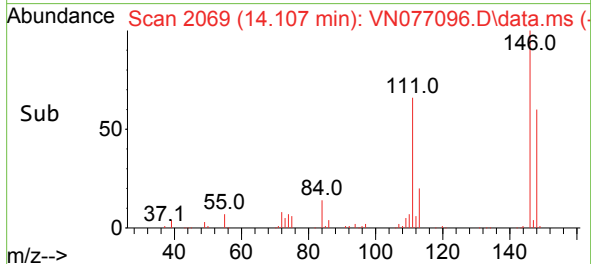
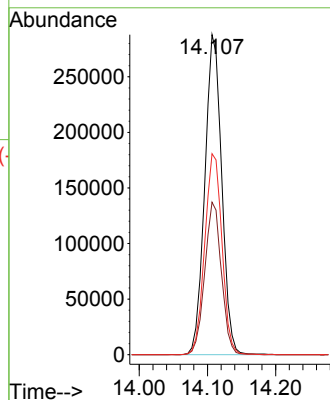
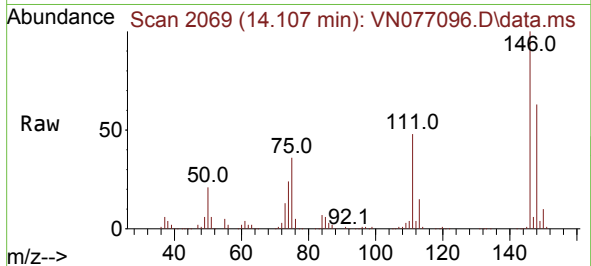




#91
1,2-Dichlorobenzene
Concen: 45.886 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

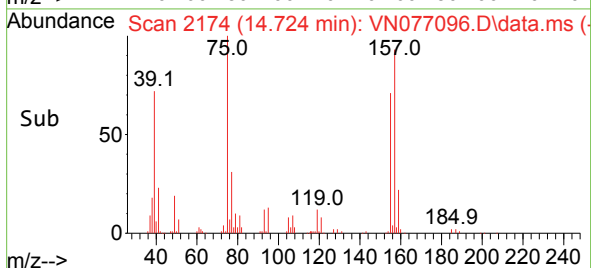
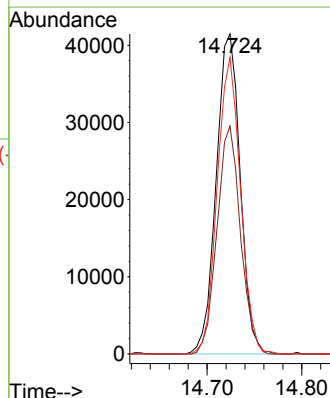
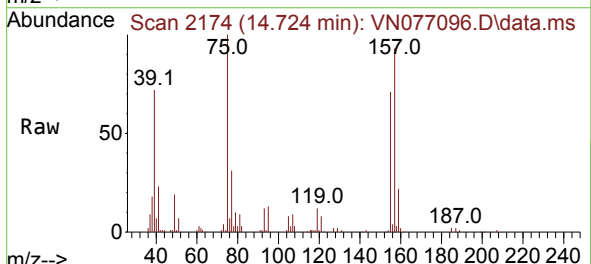
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

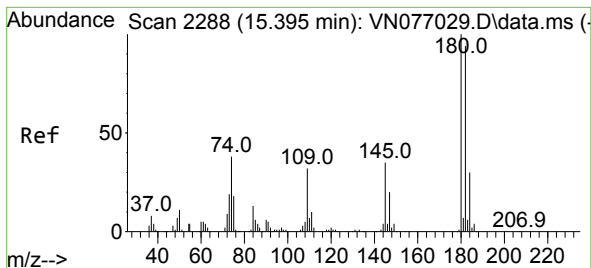
Tgt Ion:146 Resp: 497245
Ion Ratio Lower Upper
146 100
111 46.9 22.6 67.7
148 63.7 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.358 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion: 75 Resp: 73016
Ion Ratio Lower Upper
75 100
155 69.6 36.1 108.3
157 89.9 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 52.538 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077096.D

Acq: 22 Mar 2023 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

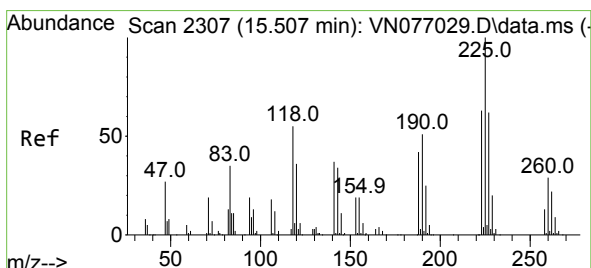
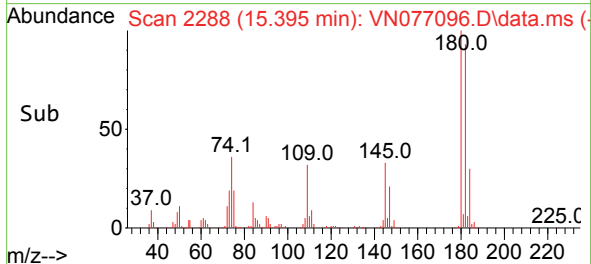
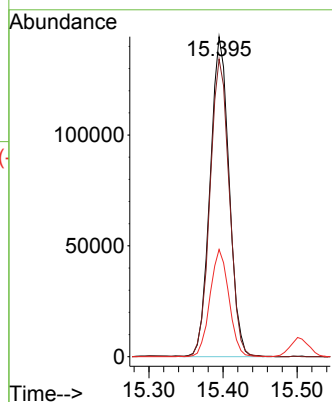
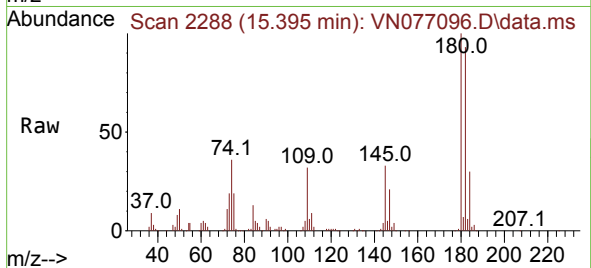
Tgt Ion:180 Resp: 257370

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 33.3 16.9 50.7



#94

Hexachlorobutadiene

Concen: 47.823 ug/l

RT: 15.501 min Scan# 2306

Delta R.T. -0.006 min

Lab File: VN077096.D

Acq: 22 Mar 2023 10:02

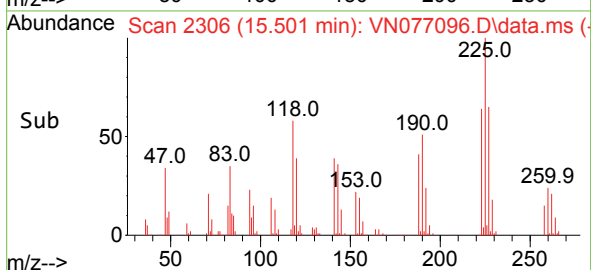
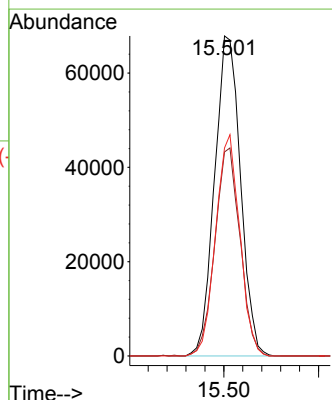
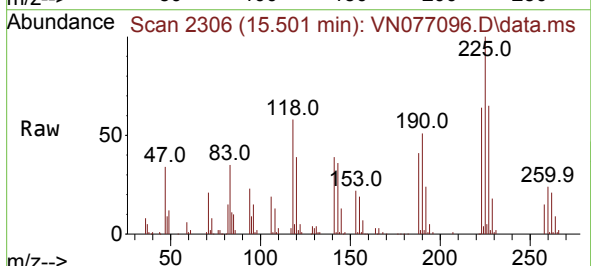
Tgt Ion:225 Resp: 129018

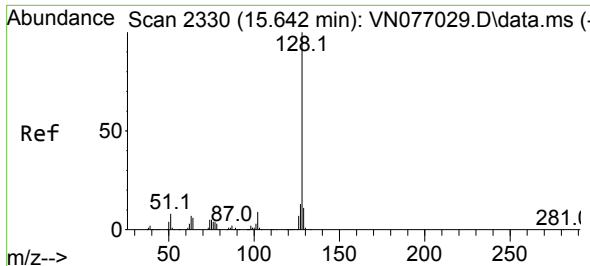
Ion Ratio Lower Upper

225 100

223 63.3 31.6 95.0

227 64.5 31.3 93.8

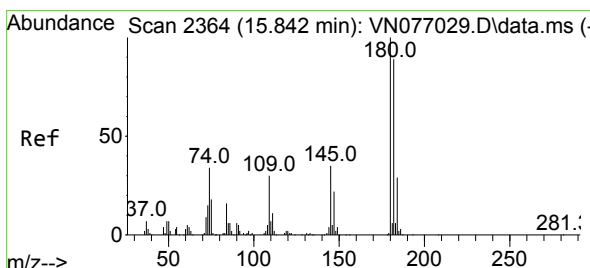
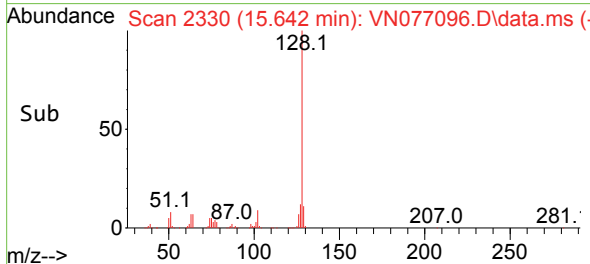
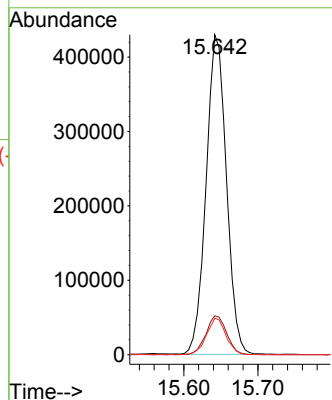
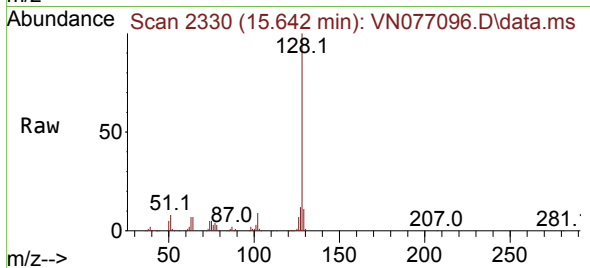




#95
Naphthalene
Concen: 43.250 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 818242
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.012 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077096.D
Acq: 22 Mar 2023 10:02

Tgt Ion:180 Resp: 245829
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.2
145 36.1 17.9 53.8

