

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077029.D
 Acq On : 17 Mar 2023 11:25
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 18 01:32:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 01:17:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	389143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	704585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	631877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	288096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	304291	48.954	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.900%
35) Dibromofluoromethane	8.172	113	232122	48.554	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.100%
50) Toluene-d8	10.572	98	888863	50.429	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.860%
62) 4-Bromofluorobenzene	12.848	95	327835	52.636	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	185981	50.604	ug/l	100
3) Chloromethane	2.378	50	182393	46.519	ug/l	100
4) Vinyl Chloride	2.525	62	202143	47.764	ug/l	100
5) Bromomethane	2.949	94	143429	50.174	ug/l	100
6) Chloroethane	3.125	64	121363	45.320	ug/l	100
7) Trichlorofluoromethane	3.507	101	433913	47.660	ug/l	100
8) Diethyl Ether	3.972	74	169847	49.570	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	240551	46.578	ug/l	100
10) Methyl Iodide	4.607	142	295724	50.839	ug/l	100
11) Tert butyl alcohol	5.537	59	228011	251.734	ug/l	100
12) 1,1-Dichloroethene	4.354	96	230769	48.845	ug/l	100
13) Acrolein	4.190	56	273727	244.334	ug/l	100
14) Allyl chloride	5.037	41	434976	49.302	ug/l	100
15) Acrylonitrile	5.731	53	755864	248.232	ug/l	100
16) Acetone	4.437	43	654214	236.208	ug/l	100
17) Carbon Disulfide	4.725	76	653711	47.453	ug/l	100
18) Methyl Acetate	5.037	43	509872	48.819	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	842125	49.665	ug/l	100
20) Methylene Chloride	5.290	84	275190	45.781	ug/l	100
21) trans-1,2-Dichloroethene	5.795	96	249581	48.739	ug/l	100
22) Diisopropyl ether	6.684	45	964795	50.912	ug/l	100
23) Vinyl Acetate	6.613	43	3088552	264.951	ug/l	100
24) 1,1-Dichloroethane	6.584	63	517407	47.714	ug/l	100
25) 2-Butanone	7.489	43	1027986	253.723	ug/l	100
26) 2,2-Dichloropropane	7.495	77	408954	50.122	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	293392	50.025	ug/l	100
28) Bromochloromethane	7.819	49	216843	46.047	ug/l	100
29) Tetrahydrofuran	7.842	42	677765	258.150	ug/l	100
30) Chloroform	7.972	83	502427	47.737	ug/l	100
31) Cyclohexane	8.260	56	482499	47.443	ug/l	100
32) 1,1,1-Trichloroethane	8.178	97	442366	49.176	ug/l	100
36) 1,1-Dichloropropene	8.378	75	386659	50.170	ug/l	100
37) Ethyl Acetate	7.566	43	403286	48.907	ug/l	100
38) Carbon Tetrachloride	8.366	117	370698	49.381	ug/l	100
39) Methylcyclohexane	9.607	83	476639	52.837	ug/l	100
40) Benzene	8.613	78	1139206	48.740	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	234451	54.687	ug/l	100
42) 1,2-Dichloroethane	8.672	62	405008	47.952	ug/l	100
43) Isopropyl Acetate	8.695	43	664907	51.618	ug/l	100
44) Trichloroethene	9.354	130	256132	47.708	ug/l	100
45) 1,2-Dichloropropane	9.625	63	304014	48.973	ug/l	100
46) Dibromomethane	9.713	93	188628	48.179	ug/l	100
47) Bromodichloromethane	9.889	83	396961	48.343	ug/l	100
48) Methyl methacrylate	9.683	41	328671	53.371	ug/l	100
49) 1,4-Dioxane	9.701	88	107297	1020.120	ug/l	100
51) 4-Methyl-2-Pentanone	10.448	43	2067565	257.751	ug/l	100
52) Toluene	10.630	92	708461	50.765	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	430908	53.543	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	468873	51.636	ug/l	100
55) 1,1,2-Trichloroethane	11.019	97	269833	49.032	ug/l	100
56) Ethyl methacrylate	10.877	69	451852	54.603	ug/l	100
57) 1,3-Dichloropropane	11.166	76	492265	48.858	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	943268	267.371	ug/l	100
59) 2-Hexanone	11.195	43	1521096	261.440	ug/l	100
60) Dibromochloromethane	11.360	129	282840	51.165	ug/l	100
61) 1,2-Dibromoethane	11.472	107	268395	49.181	ug/l	100
64) Tetrachloroethene	11.107	164	203308	47.941	ug/l	100
65) Chlorobenzene	11.895	112	703660	48.399	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	259721	48.279	ug/l	100
67) Ethyl Benzene	11.966	91	1366329	51.739	ug/l	100
68) m/p-Xylenes	12.071	106	1016255	103.765	ug/l	100
69) o-Xylene	12.401	106	500924	51.475	ug/l	100
70) Styrene	12.413	104	824983	54.452	ug/l	100
71) Bromoform	12.577	173	187611	51.466	ug/l	100
73) Isopropylbenzene	12.701	105	1320258	51.137	ug/l	100
74) N-amyl acetate	12.495	43	584472	52.301	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.942	83	420217	44.925	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	535067	71.793	ug/l	45
77) Bromobenzene	12.983	156	273511	47.291	ug/l	100
78) n-propylbenzene	13.036	91	1574439	52.826	ug/l	100
79) 2-Chlorotoluene	13.130	91	947295	49.880	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1118712	51.898	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	135427	50.023	ug/l	100
82) 4-Chlorotoluene	13.224	91	910238	50.403	ug/l	100
83) tert-Butylbenzene	13.442	119	938262	51.842	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1119526	52.044	ug/l	100
85) sec-Butylbenzene	13.618	105	1380871	53.636	ug/l	100
86) p-Isopropyltoluene	13.730	119	1109219	53.651	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	520468	47.614	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	517627	47.596	ug/l	100
89) n-Butylbenzene	14.060	91	1004821	55.400	ug/l	100
90) Hexachloroethane	14.336	117	201540	47.946	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	525926	48.269	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	87509	50.489	ug/l	100
93) 1,2,4-Trichlorobenzene	15.395	180	276620	56.160	ug/l	100
94) Hexachlorobutadiene	15.507	225	134128	49.446	ug/l	100
95) Naphthalene	15.642	128	952190	49.755	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	267728	54.170	ug/l	100

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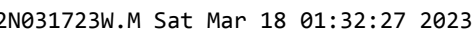
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

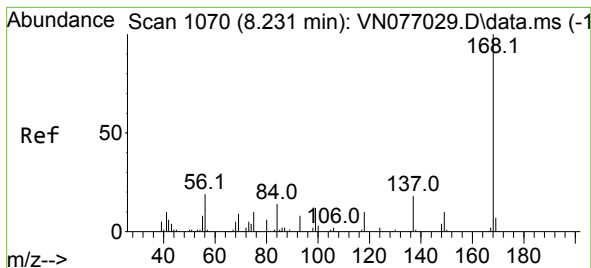
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.000 min

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ClientSampleId :

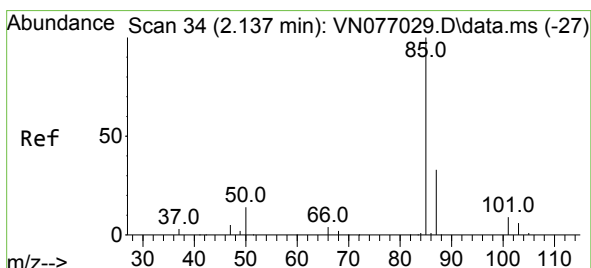
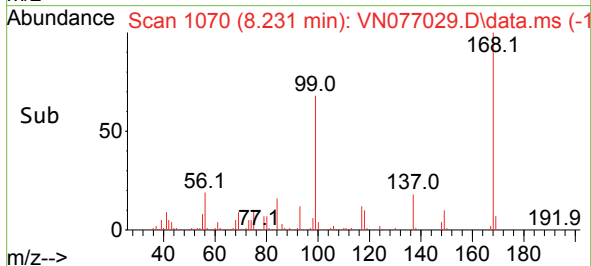
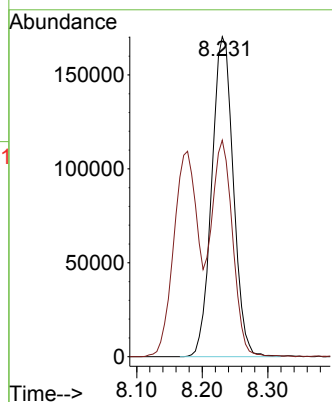
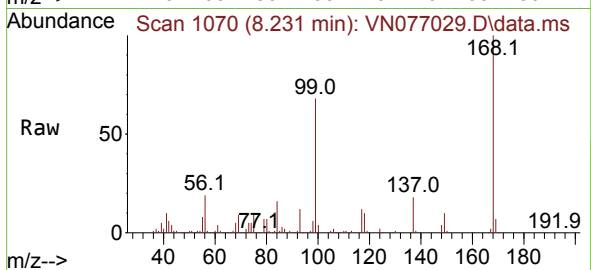
VSTDICCC050

Tgt Ion:168 Resp: 389143

Ion Ratio Lower Upper

168 100

99 67.4 53.9 80.9



#2

Dichlorodifluoromethane

Concen: 50.604 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077029.D

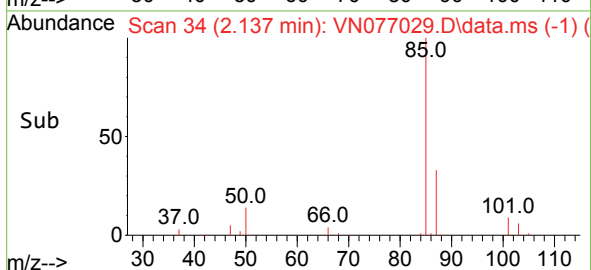
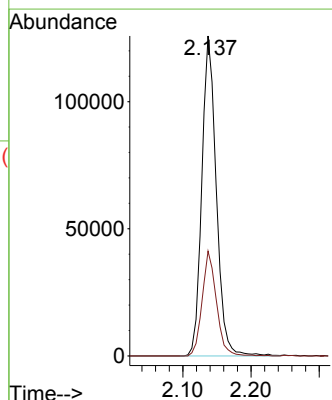
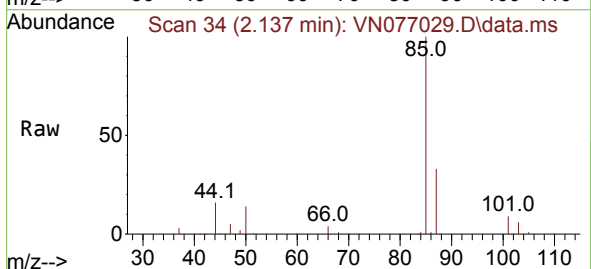
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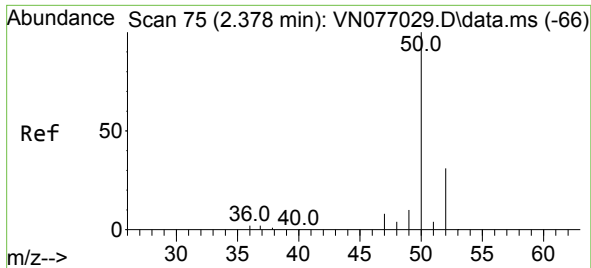
Tgt Ion: 85 Resp: 185981

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2

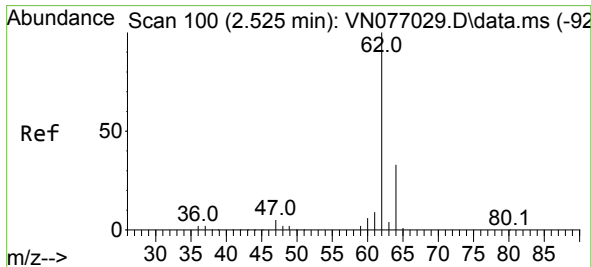
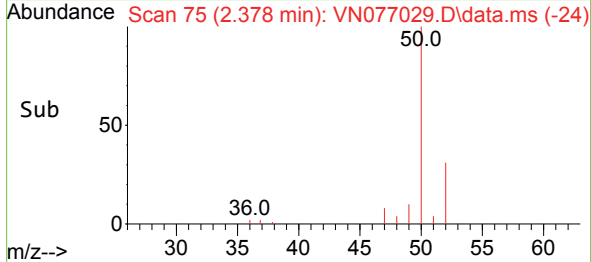
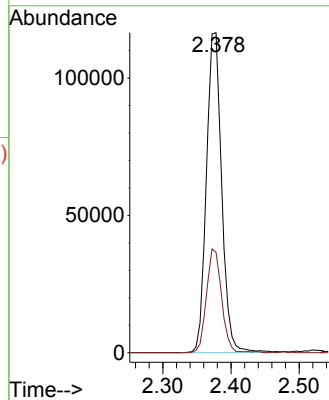
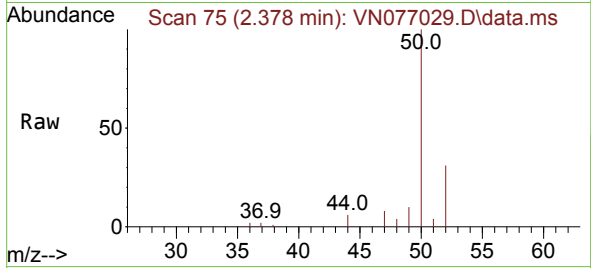




#3
Chloromethane
Concen: 46.519 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN077029.D
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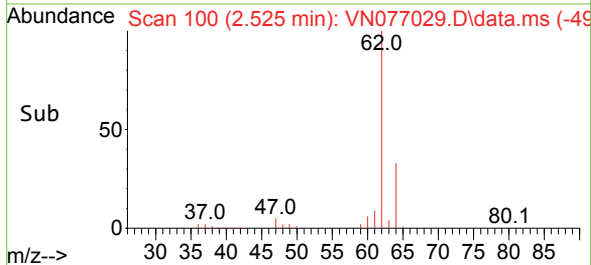
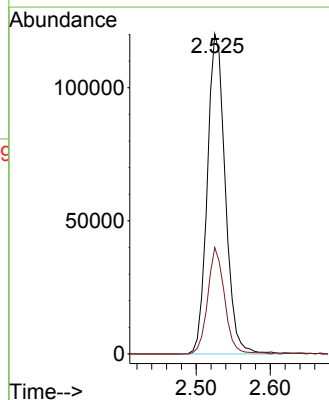
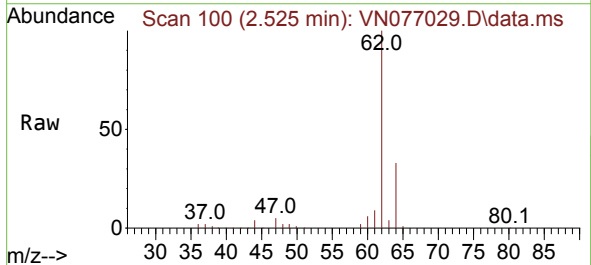
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ClientSampleId :
VSTDICCC050

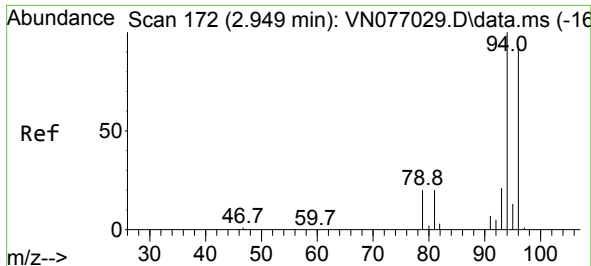
Tgt Ion: 50 Resp: 182393
Ion Ratio Lower Upper
50 100
52 31.4 25.1 37.7



#4
Vinyl Chloride
Concen: 47.764 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 62 Resp: 202143
Ion Ratio Lower Upper
62 100
64 33.3 26.6 40.0

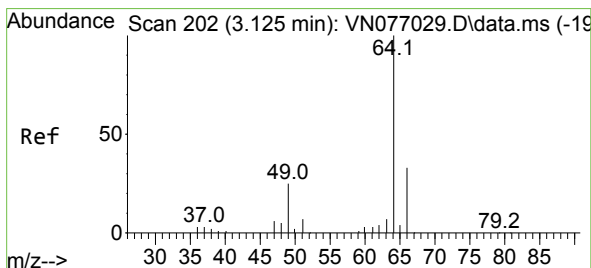
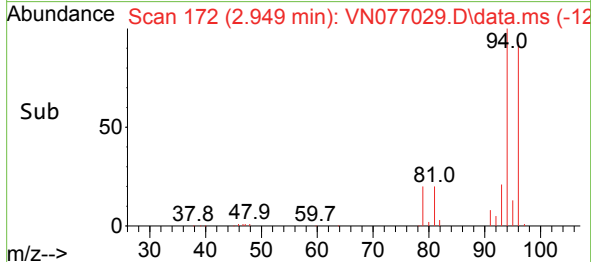
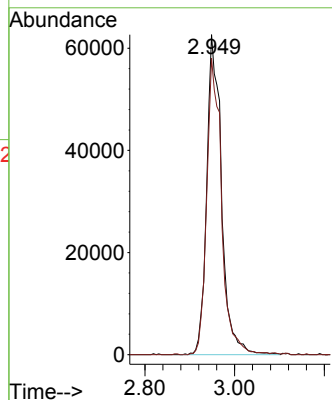
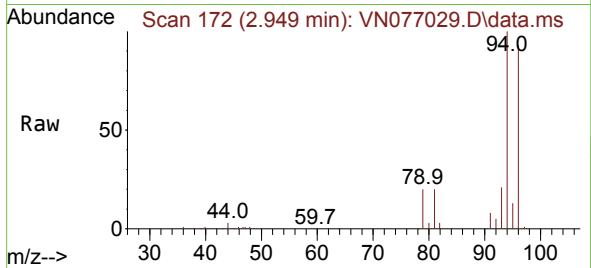




#5
Bromomethane
Concen: 50.174 ug/l
RT: 2.949 min Scan# 172
Delta R.T. 0.000 min
Lab File: VN077029.D
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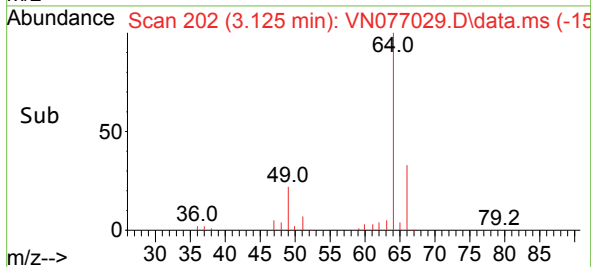
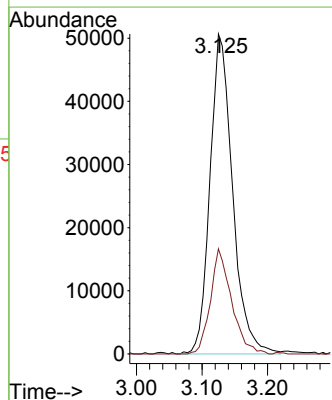
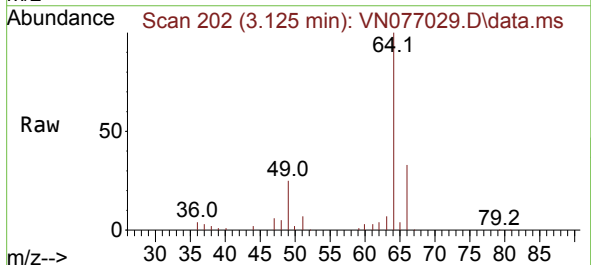
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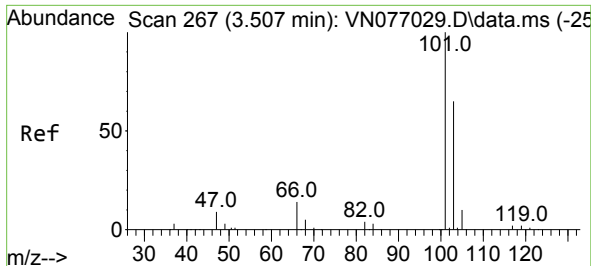
Tgt Ion: 94 Resp: 143429
Ion Ratio Lower Upper
94 100
96 92.6 74.1 111.1



#6
Chloroethane
Concen: 45.320 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 64 Resp: 121363
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5

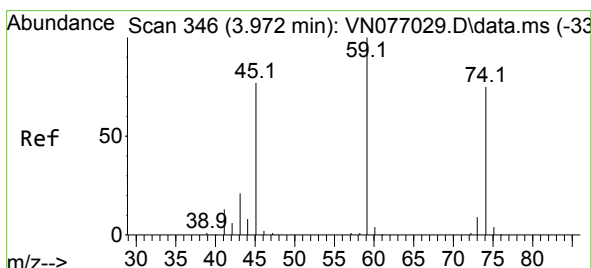
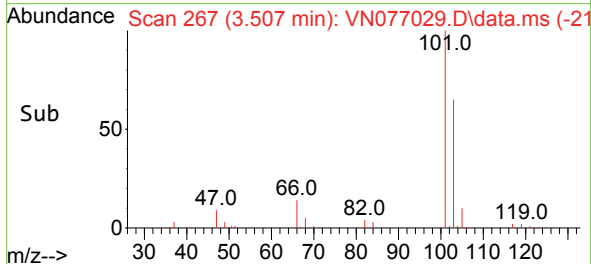
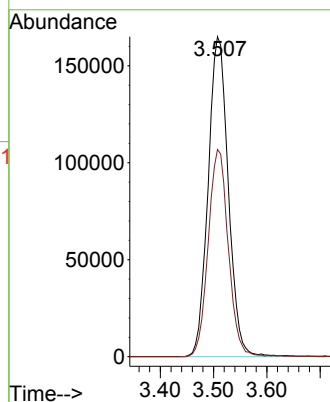
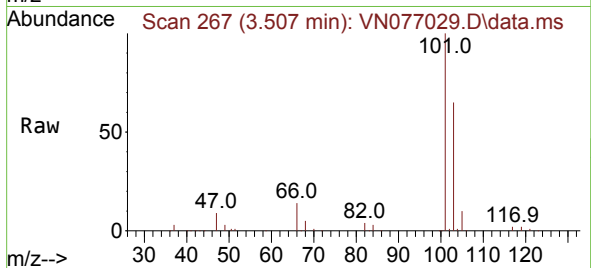




#7
 Trichlorofluoromethane
 Concen: 47.660 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

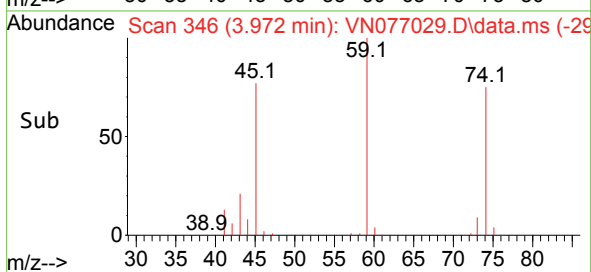
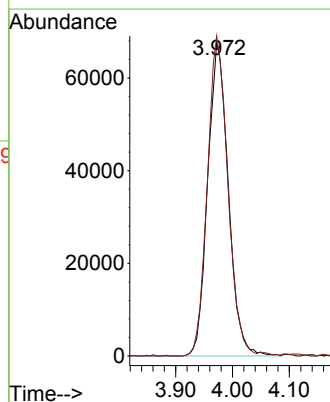
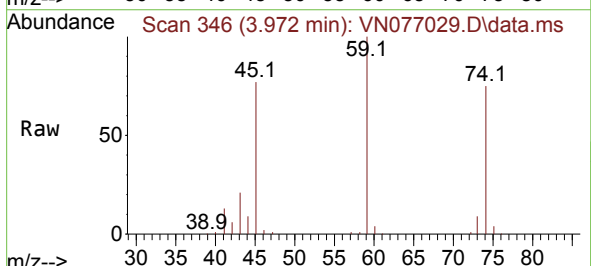
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

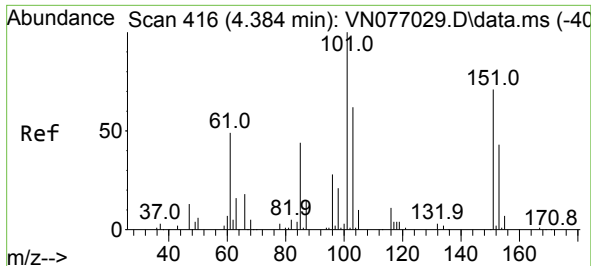
Tgt Ion:101 Resp: 433913
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.6



#8
 Diethyl Ether
 Concen: 49.570 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 169847
 Ion Ratio Lower Upper
 74 100
 45 101.7 50.8 152.5

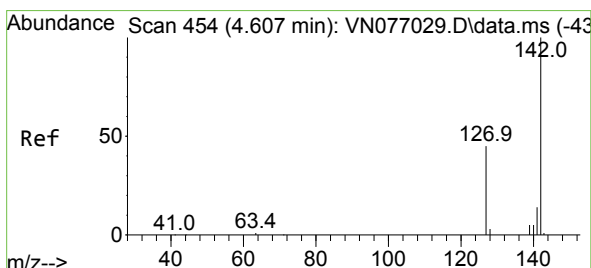
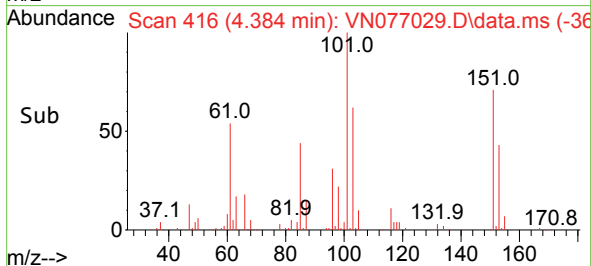
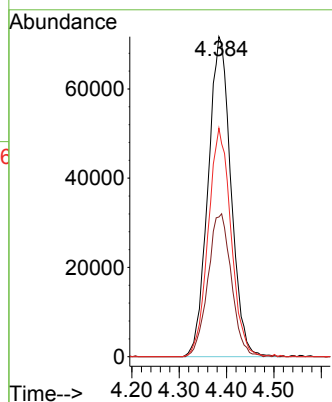
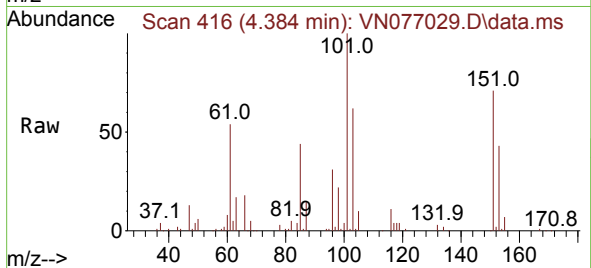




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.578 ug/l
RT: 4.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

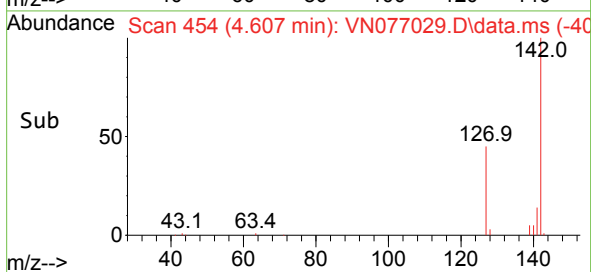
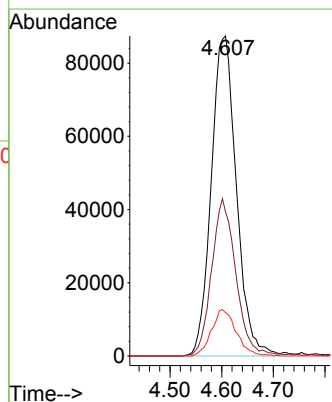
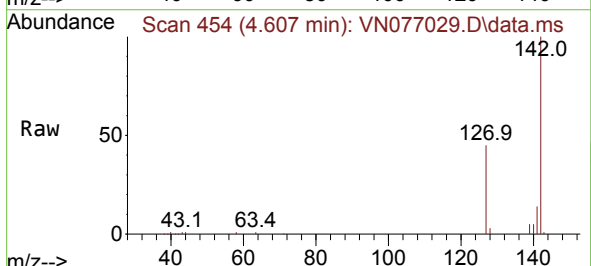
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

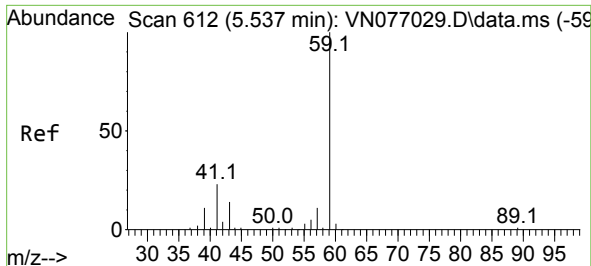
Tgt Ion:101 Resp: 240551
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 71.1 56.9 85.3



#10
Methyl Iodide
Concen: 50.839 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion:142 Resp: 295724
Ion Ratio Lower Upper
142 100
127 45.1 36.1 54.1
141 13.5 10.8 16.2

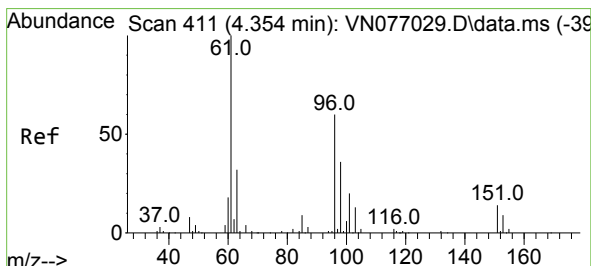
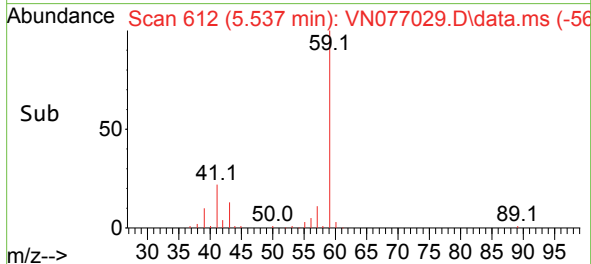
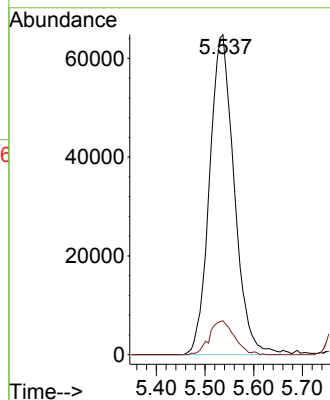
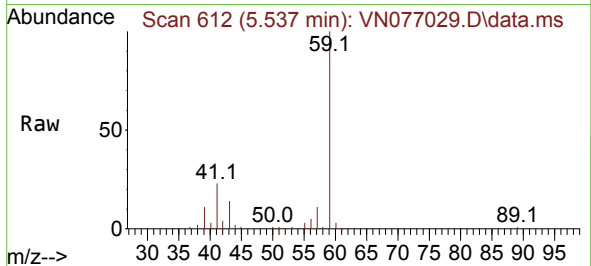




#11
Tert butyl alcohol
Concen: 251.734 ug/l
RT: 5.537 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

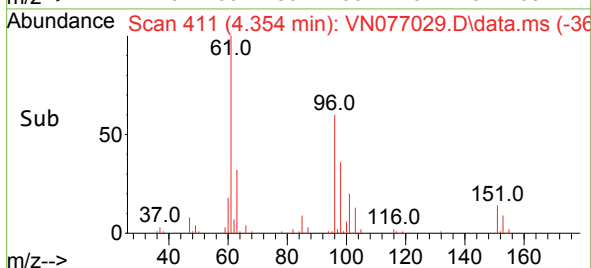
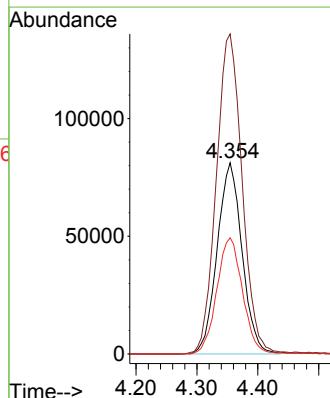
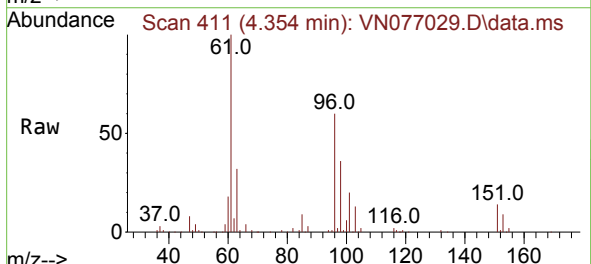
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

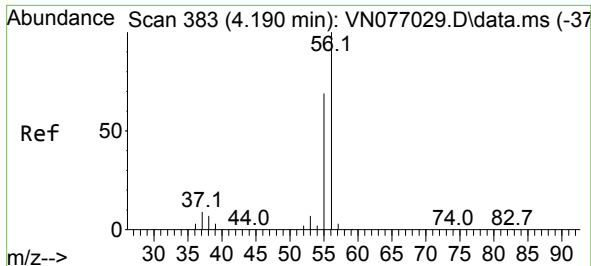
Tgt Ion: 59 Resp: 228011
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 48.845 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 96 Resp: 230769
Ion Ratio Lower Upper
96 100
61 167.3 133.8 200.8
98 60.7 48.6 72.8

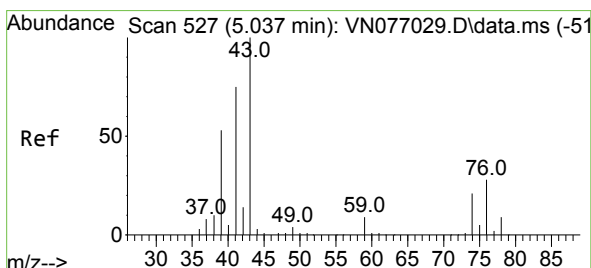
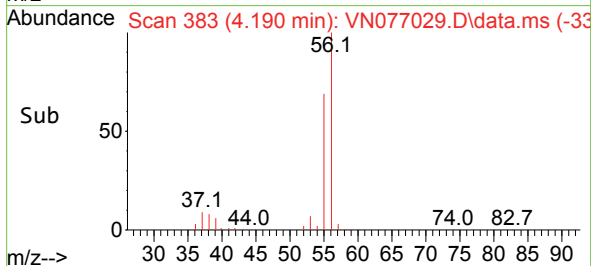
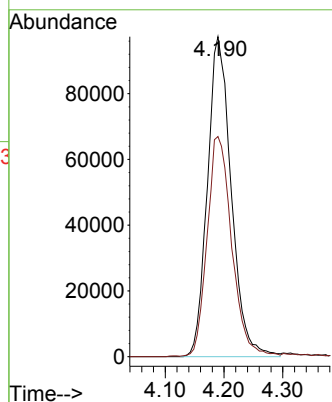
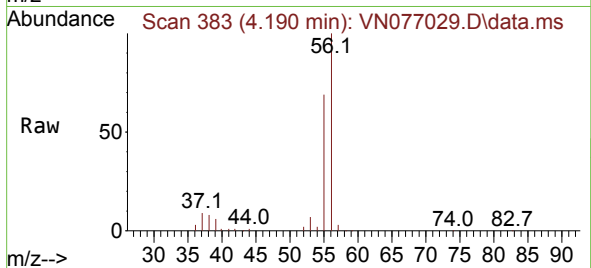




#13
Acrolein
Concen: 244.334 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

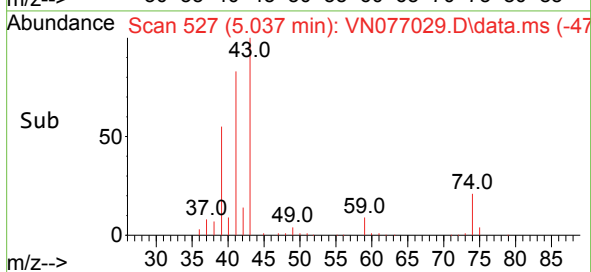
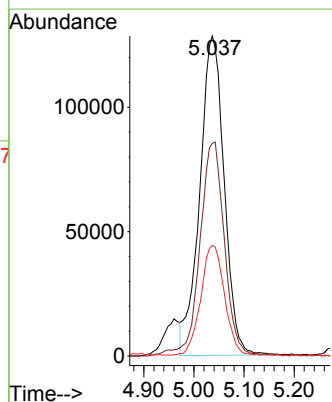
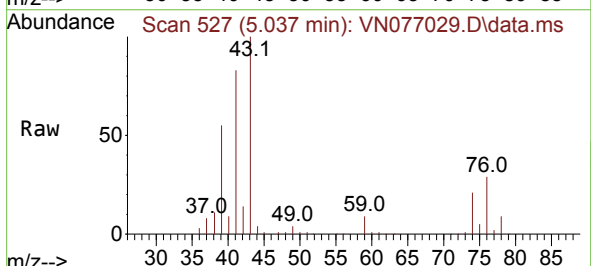
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

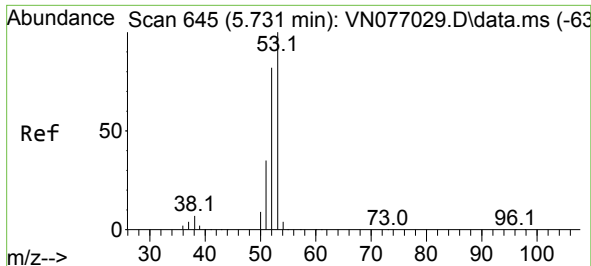
Tgt Ion: 56 Resp: 273727
Ion Ratio Lower Upper
56 100
55 71.3 57.0 85.6



#14
Allyl chloride
Concen: 49.302 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 41 Resp: 434976
Ion Ratio Lower Upper
41 100
39 67.3 53.8 80.8
76 33.4 26.7 40.1

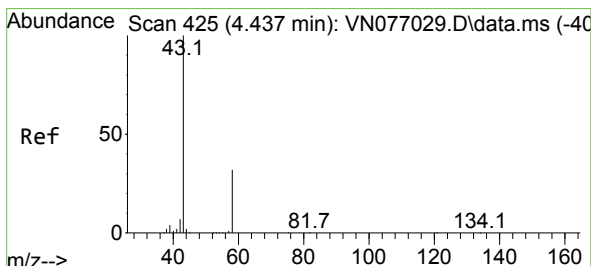
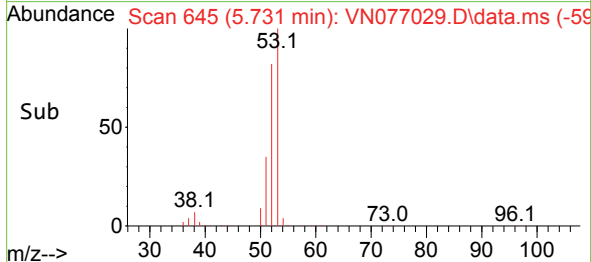
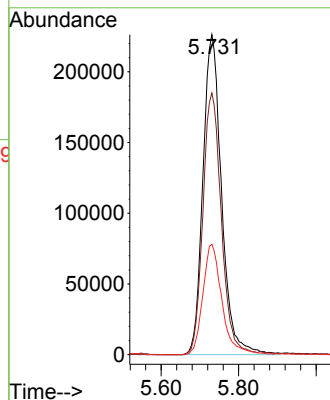
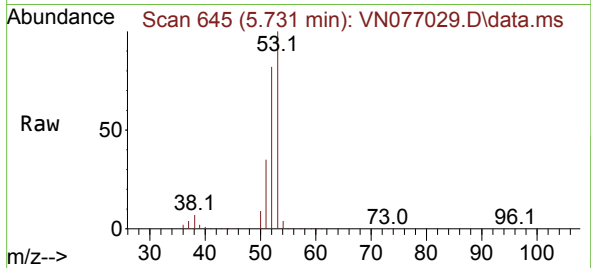




#15
Acrylonitrile
Concen: 248.232 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

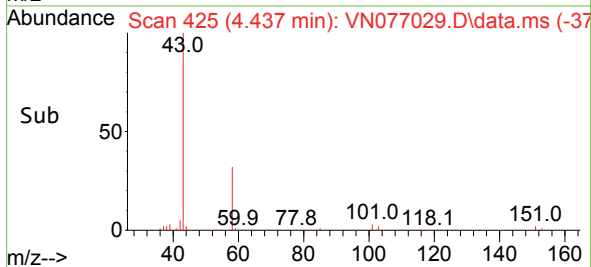
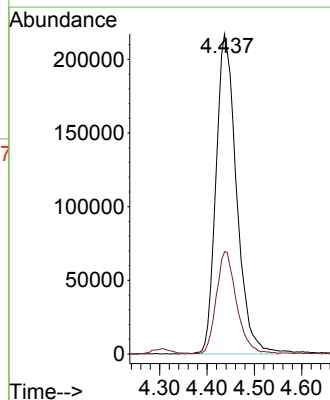
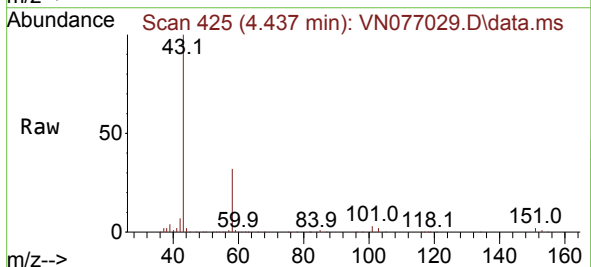
Instrument :
MSVOA_N
ClientSampleId :
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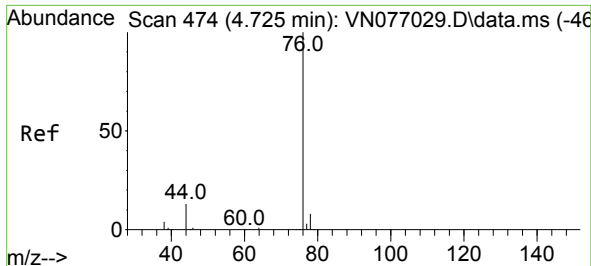
Tgt Ion: 53 Resp: 755864
Ion Ratio Lower Upper
53 100
52 80.8 64.6 97.0
51 35.4 28.3 42.5



#16
Acetone
Concen: 236.208 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 43 Resp: 654214
Ion Ratio Lower Upper
43 100
58 31.7 25.4 38.0

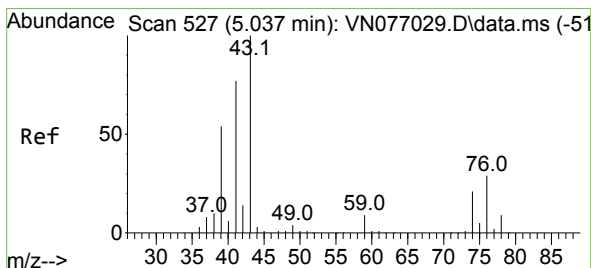
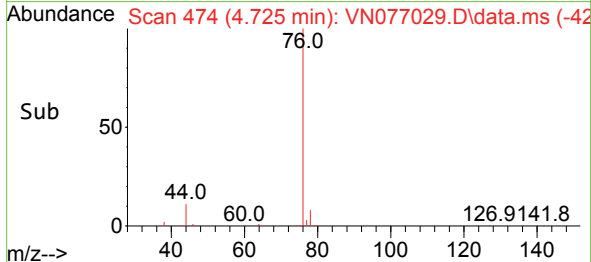
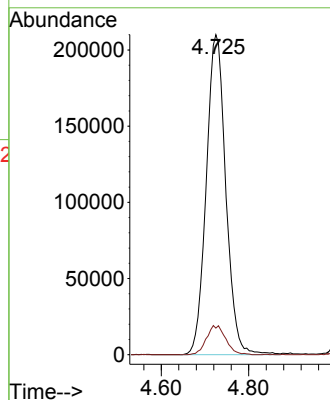
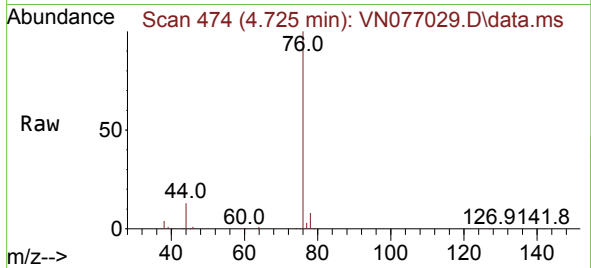




#17
Carbon Disulfide
Concen: 47.453 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

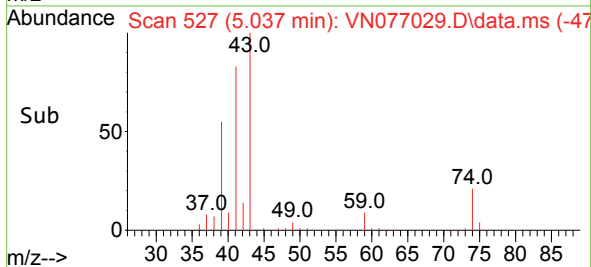
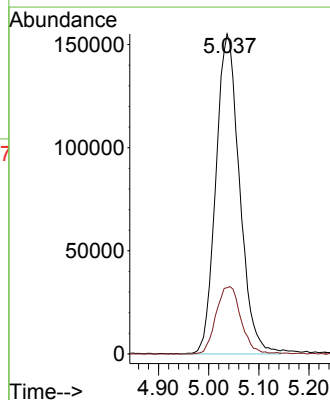
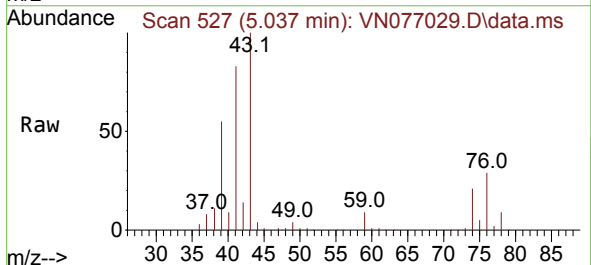
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

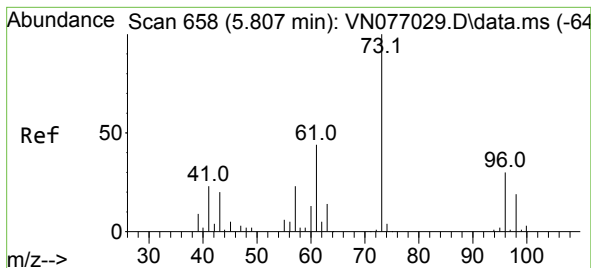
Tgt Ion: 76 Resp: 653711
Ion Ratio Lower Upper
76 100
78 8.3 6.6 10.0



#18
Methyl Acetate
Concen: 48.819 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 43 Resp: 509872
Ion Ratio Lower Upper
43 100
74 22.1 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 49.665 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

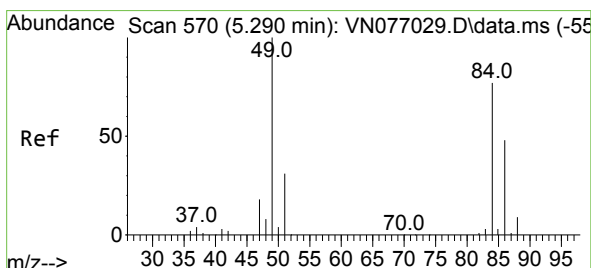
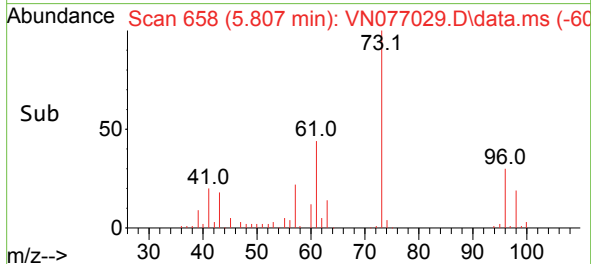
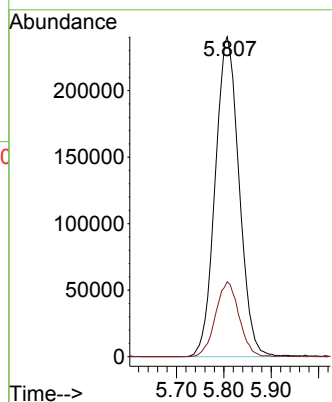
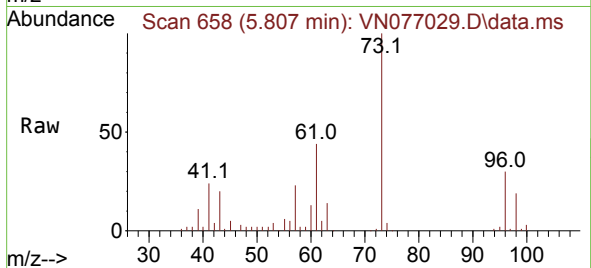
VSTDICCC050

Tgt Ion: 73 Resp: 842125

Ion Ratio Lower Upper

73 100

57 23.4 18.7 28.1



#20

Methylene Chloride

Concen: 45.781 ug/l

RT: 5.290 min Scan# 570

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Tgt Ion: 84 Resp: 275190

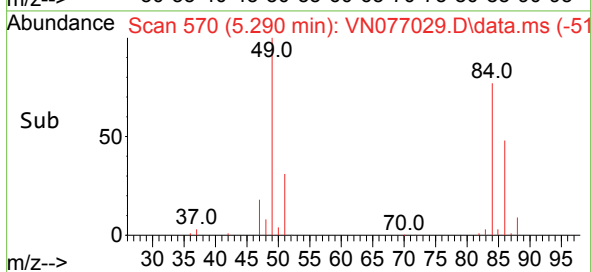
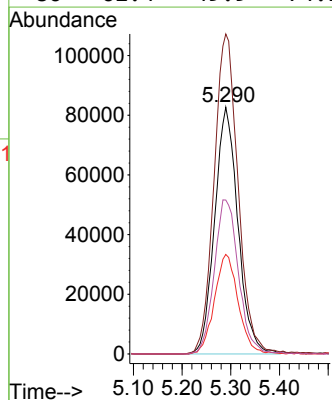
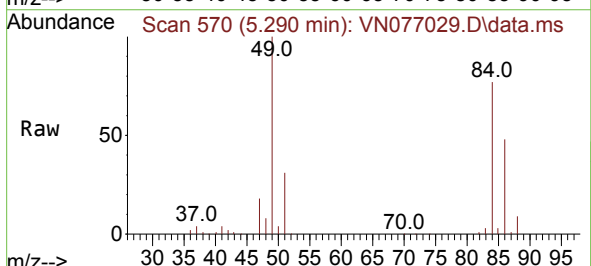
Ion Ratio Lower Upper

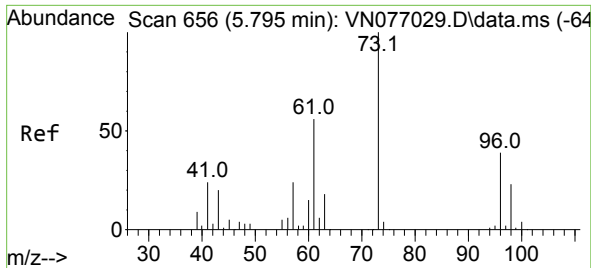
84 100

49 129.7 103.8 155.6

51 40.4 32.3 48.5

86 62.4 49.9 74.9

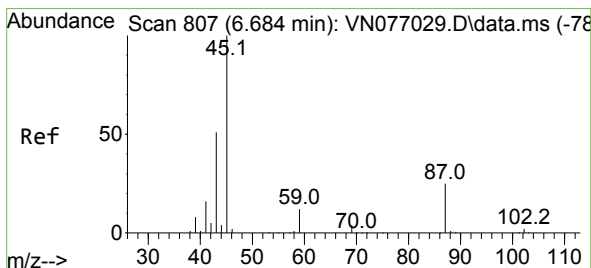
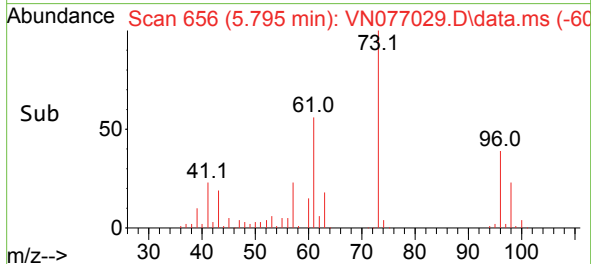
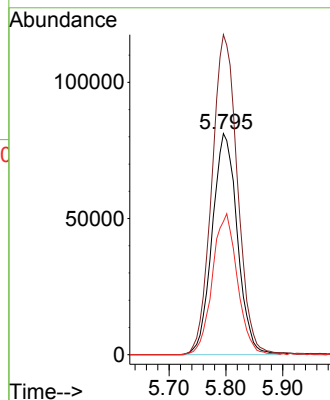
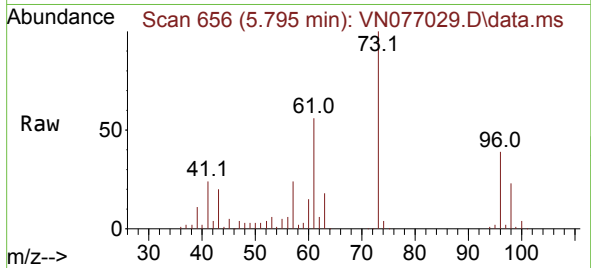




#21
trans-1,2-Dichloroethene
Concen: 48.739 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

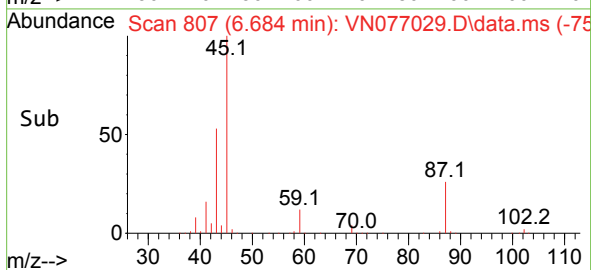
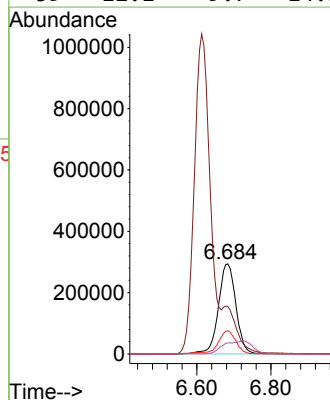
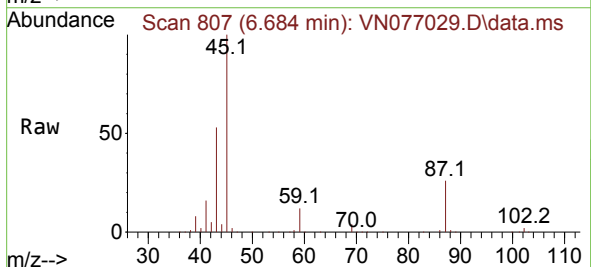
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

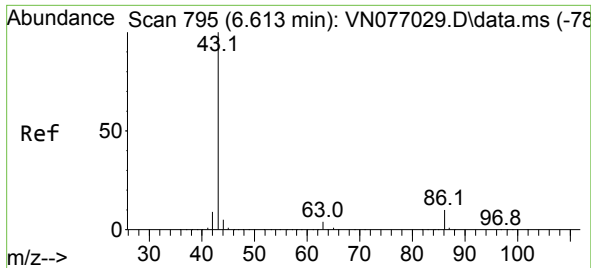
Tgt Ion: 96 Resp: 249581
Ion Ratio Lower Upper
96 100
61 144.7 115.8 173.6
98 60.2 48.2 72.2



#22
Diisopropyl ether
Concen: 50.912 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 45 Resp: 964795
Ion Ratio Lower Upper
45 100
43 51.9 41.5 62.3
87 25.7 20.6 30.8
59 12.1 9.7 14.5

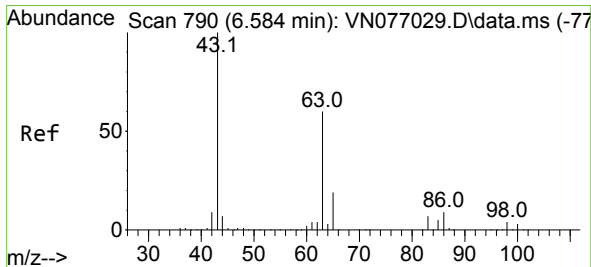
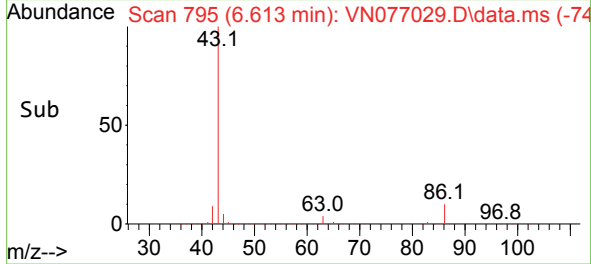
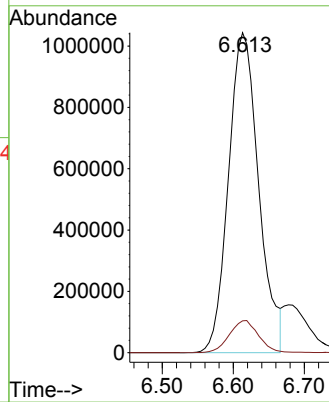
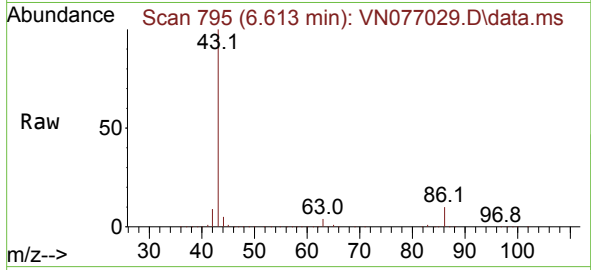




#23
 Vinyl Acetate
 Concen: 264.951 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

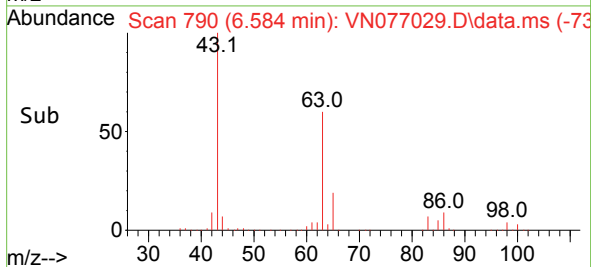
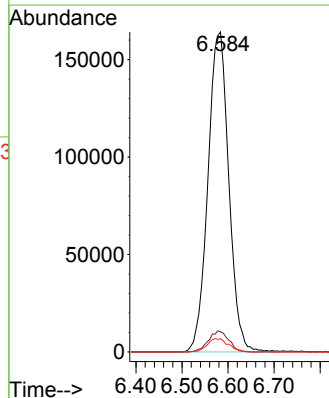
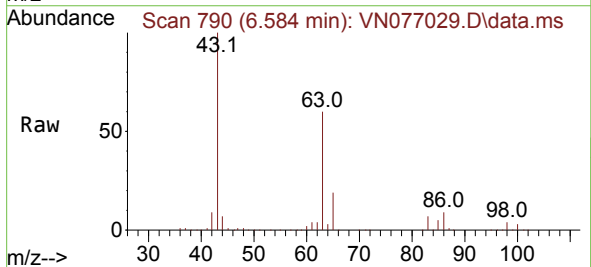
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

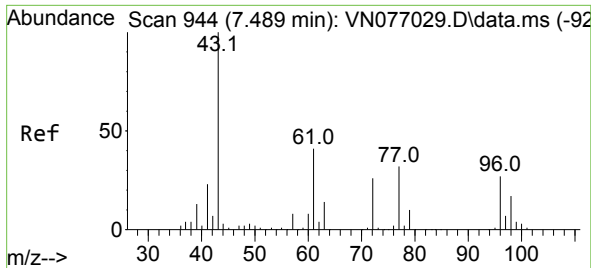
Tgt Ion: 43 Resp: 3088552
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 47.714 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

Tgt Ion: 63 Resp: 517407
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 4.2 2.1 6.3

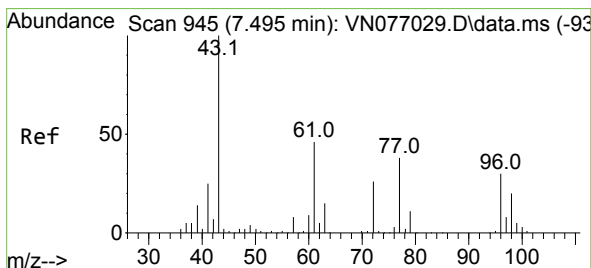
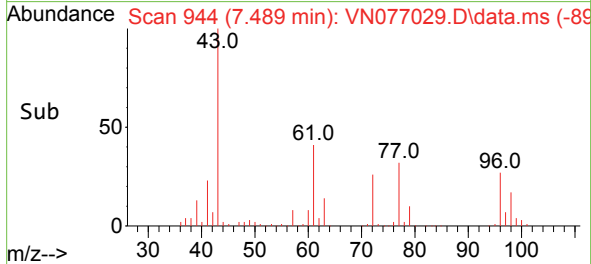
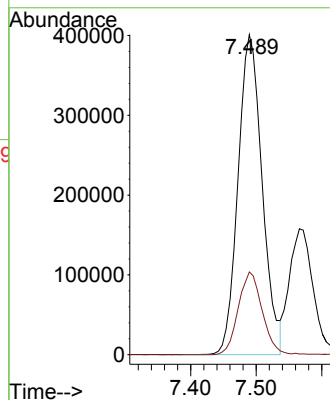
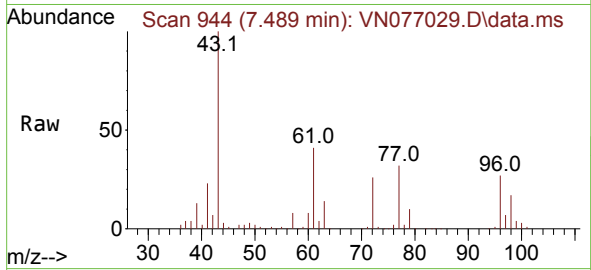




#25
2-Butanone
Concen: 253.723 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

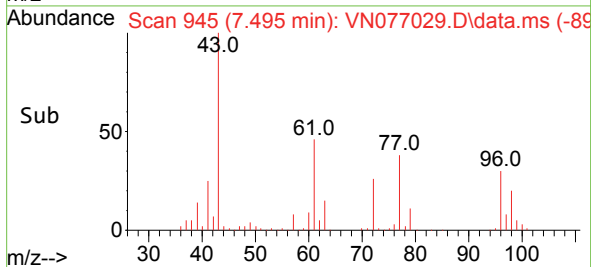
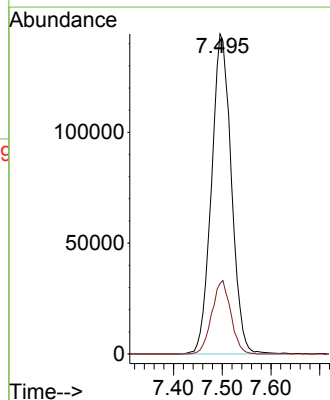
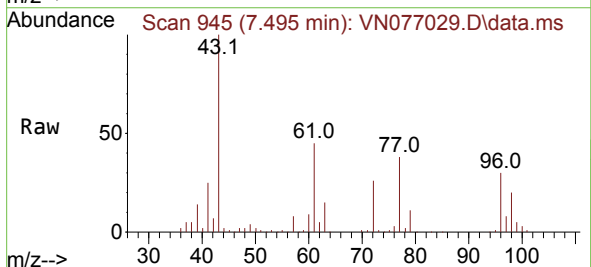
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

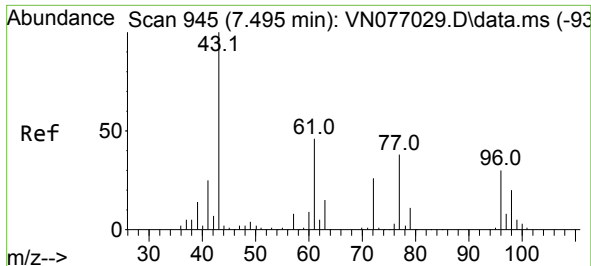
Tgt Ion: 43 Resp: 1027986
Ion Ratio Lower Upper
43 100
72 25.9 20.7 31.1



#26
2,2-Dichloropropane
Concen: 50.122 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 77 Resp: 408954
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9

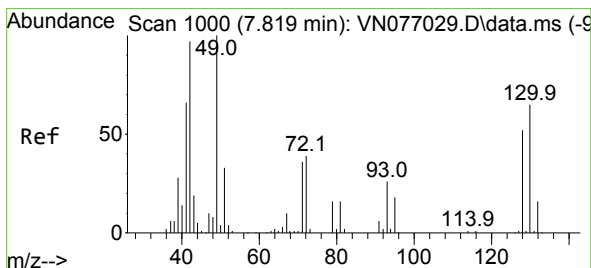
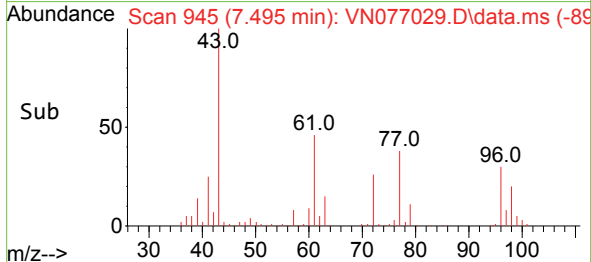
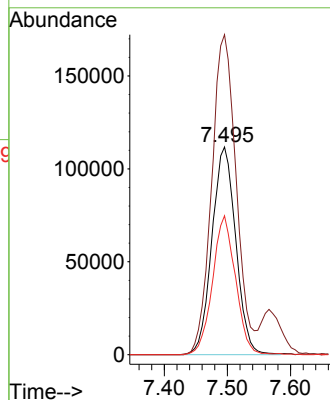
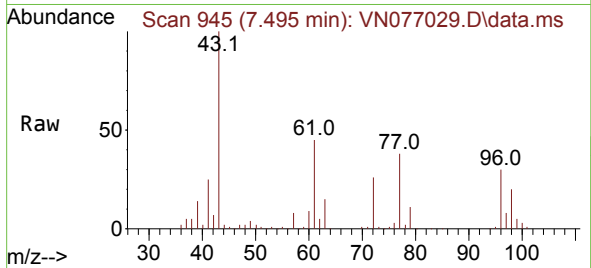




#27
 cis-1,2-Dichloroethene
 Concen: 50.025 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

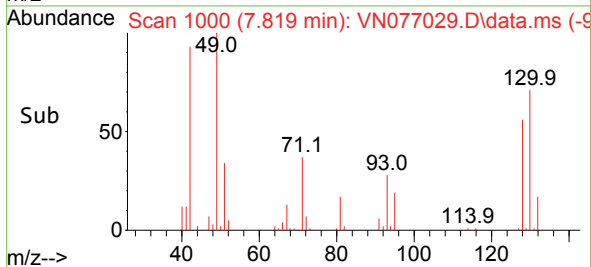
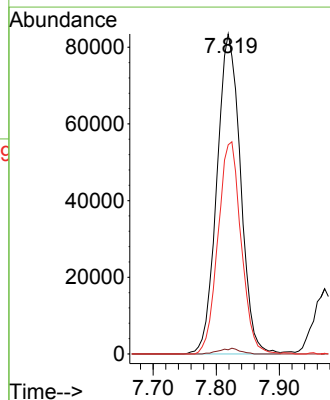
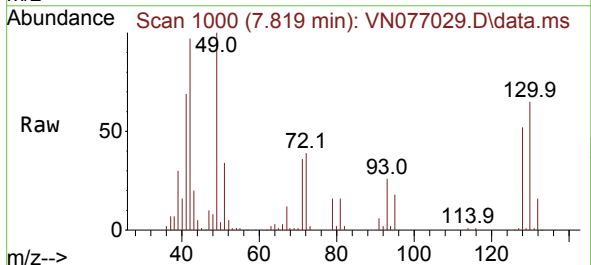
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

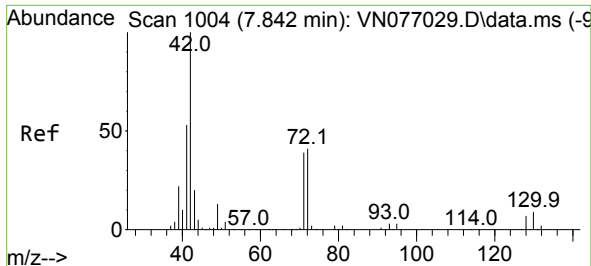
Tgt Ion: 96 Resp: 293392
 Ion Ratio Lower Upper
 96 100
 61 157.7 0.0 315.4
 98 64.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 46.047 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

Tgt Ion: 49 Resp: 216843
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 64.9 51.9 77.9





#29

Tetrahydrofuran

Concen: 258.150 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

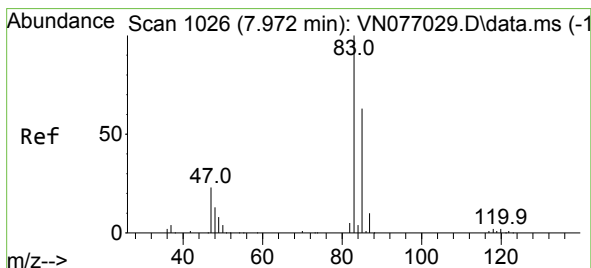
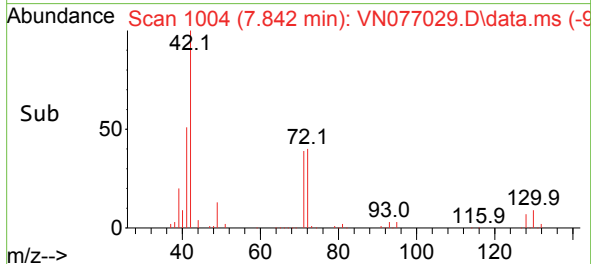
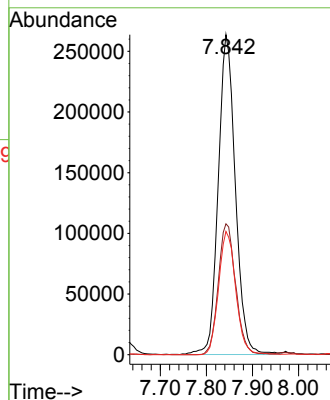
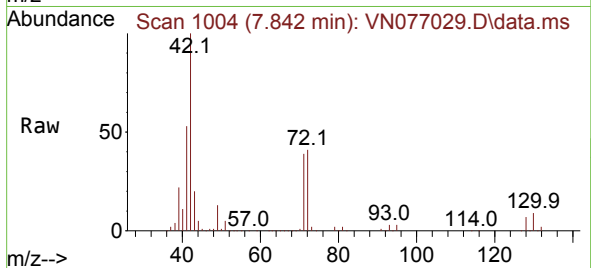
Tgt Ion: 42 Resp: 677765

Ion Ratio Lower Upper

42 100

72 41.5 33.2 49.8

71 38.7 31.0 46.4



#30

Chloroform

Concen: 47.737 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN077029.D

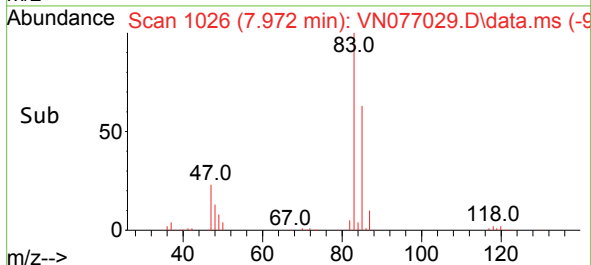
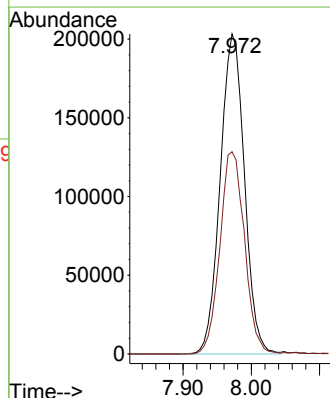
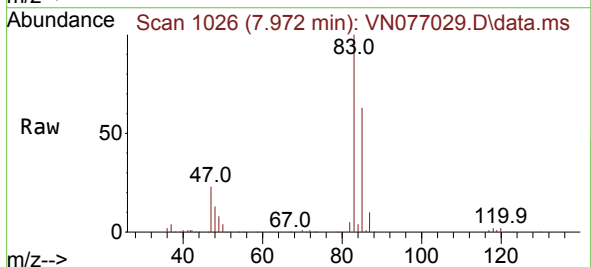
Acq: 17 Mar 2023 11:25

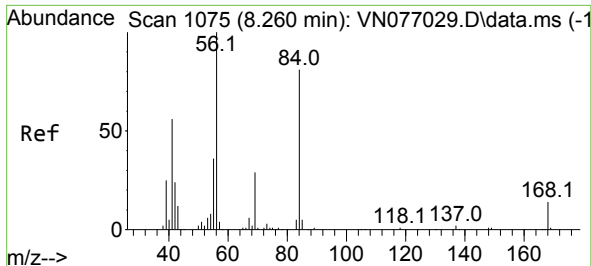
Tgt Ion: 83 Resp: 502427

Ion Ratio Lower Upper

83 100

85 63.2 50.6 75.8

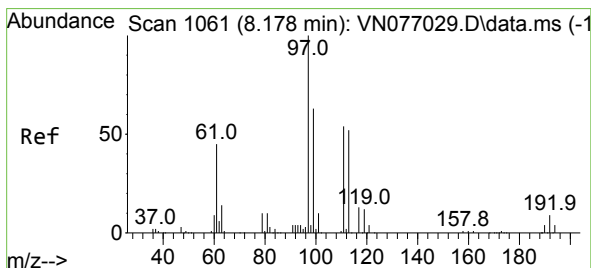
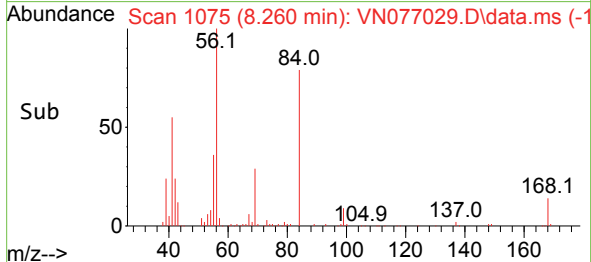
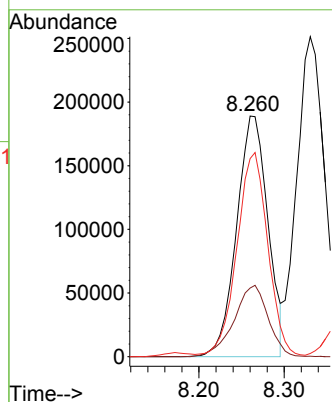
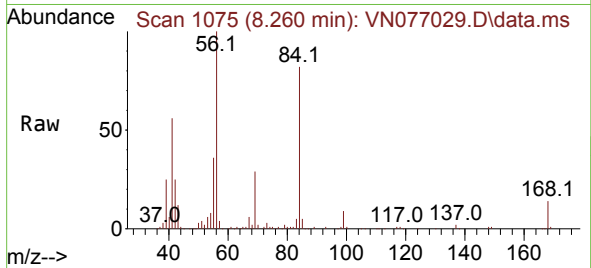




#31
Cyclohexane
Concen: 47.443 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

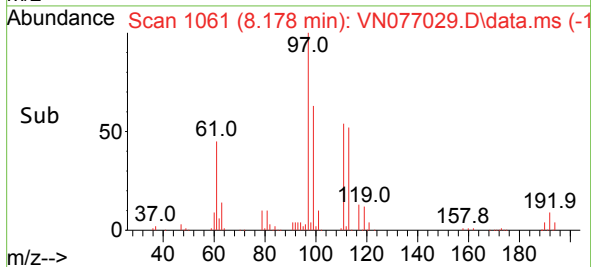
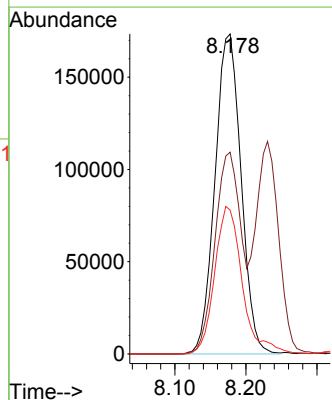
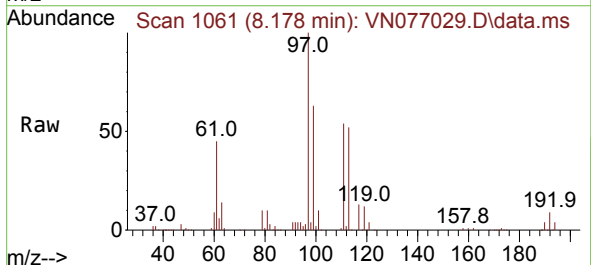
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

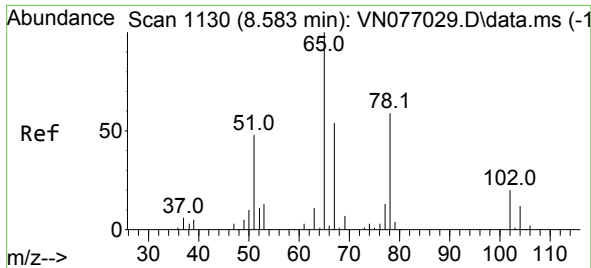
Tgt Ion: 56 Resp: 482499
Ion Ratio Lower Upper
56 100
69 28.5 22.8 34.2
84 80.9 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 49.176 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 97 Resp: 442366
Ion Ratio Lower Upper
97 100
99 62.7 50.2 75.2
61 48.8 39.0 58.6

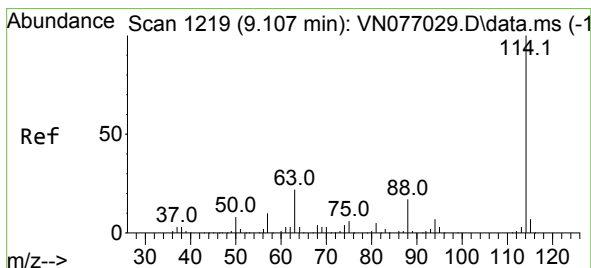
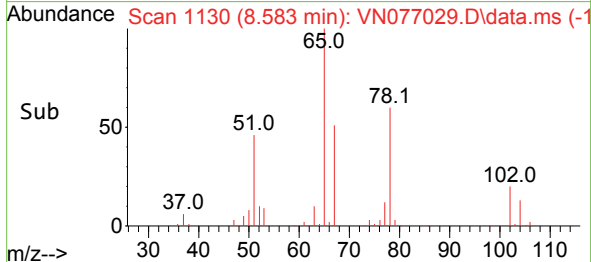
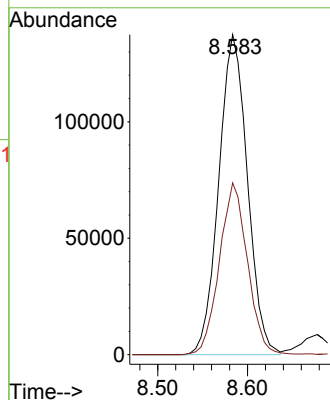
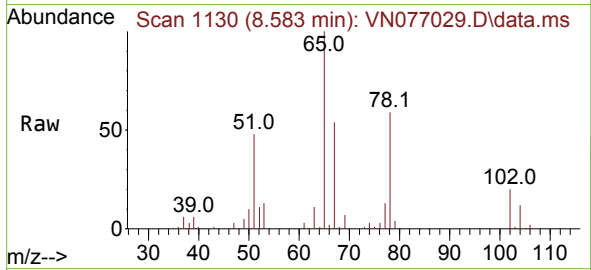




#33
 1,2-Dichloroethane-d4
 Concen: 48.954 ug/l
 RT: 8.583 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

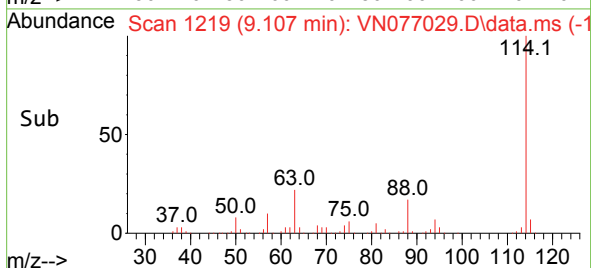
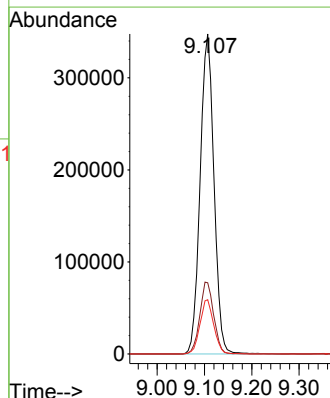
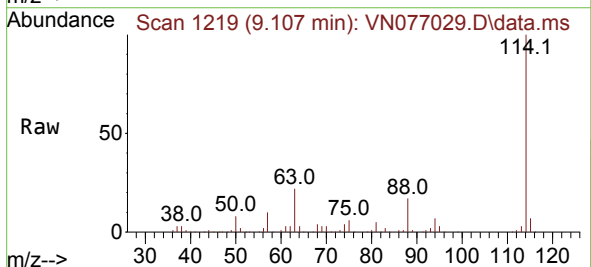
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

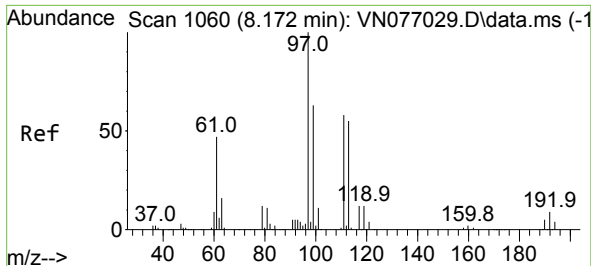
Tgt Ion: 65 Resp: 304291
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

Tgt Ion: 114 Resp: 704585
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.6
 88 16.9 0.0 33.8

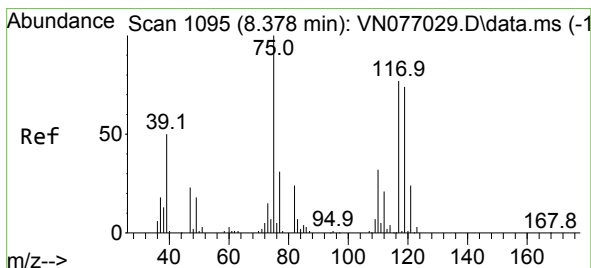
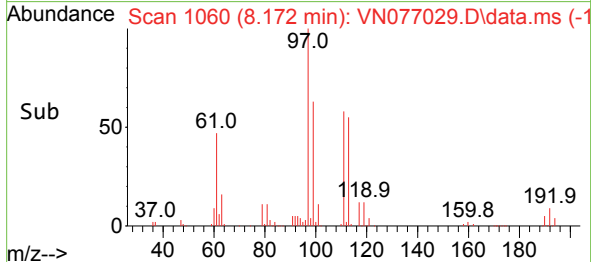
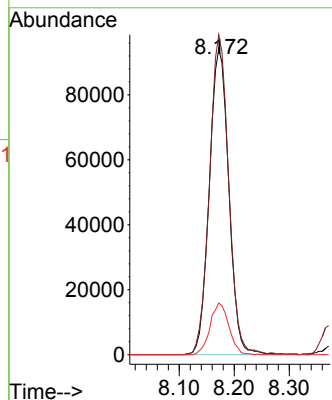
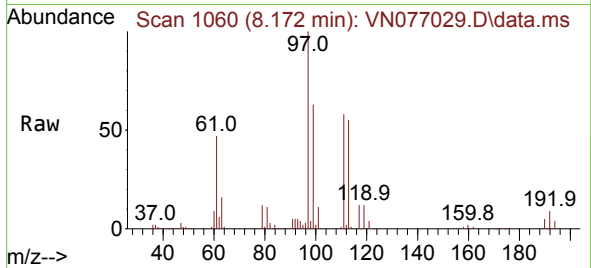




#35
Dibromofluoromethane
Concen: 48.554 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

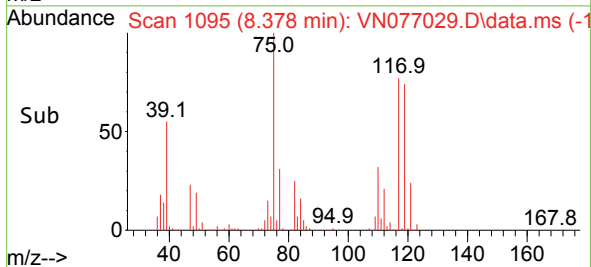
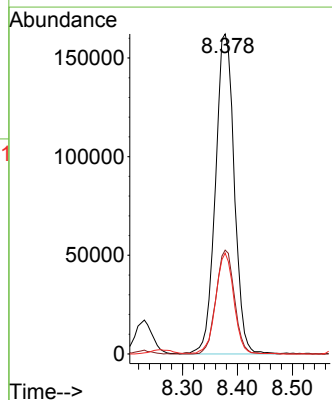
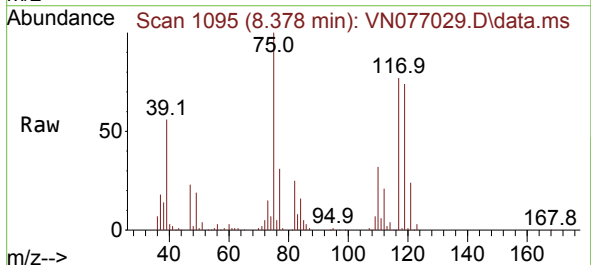
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

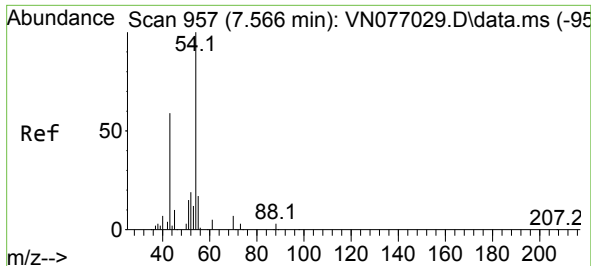
Tgt Ion:113 Resp: 232122
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 16.3 13.0 19.6



#36
1,1-Dichloropropene
Concen: 50.170 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 75 Resp: 386659
Ion Ratio Lower Upper
75 100
110 31.8 15.9 47.7
77 30.4 24.3 36.5

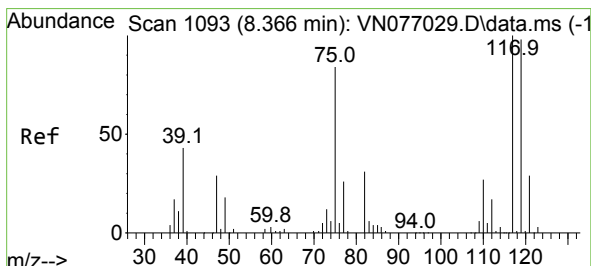
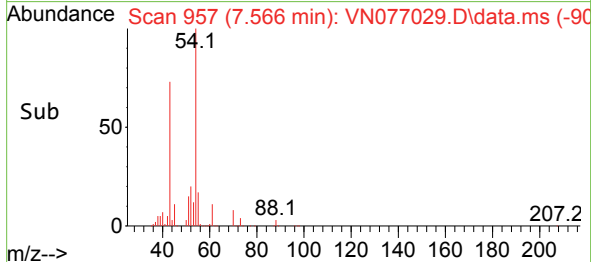
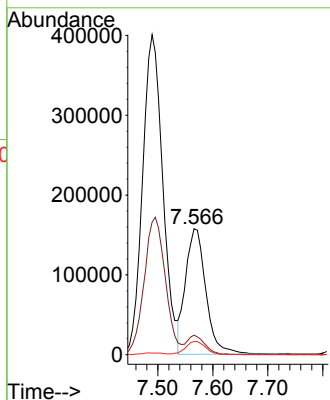
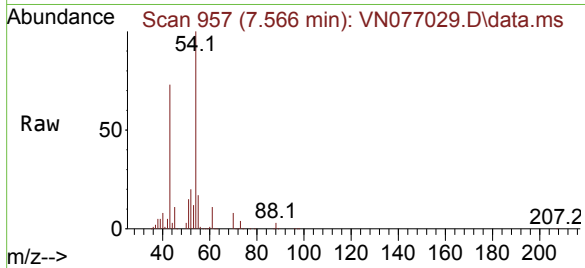




#37
Ethyl Acetate
Concen: 48.907 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

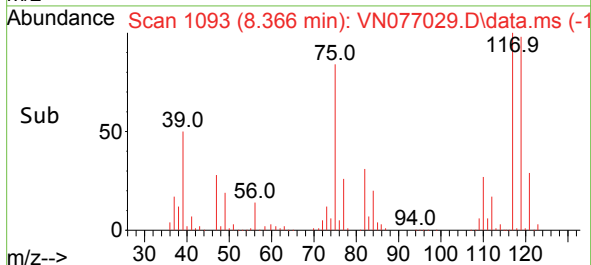
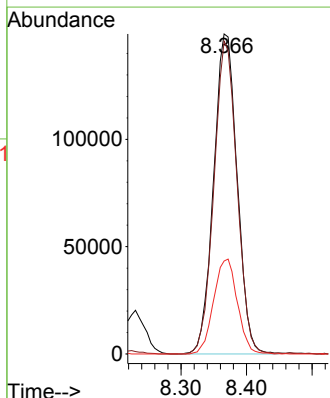
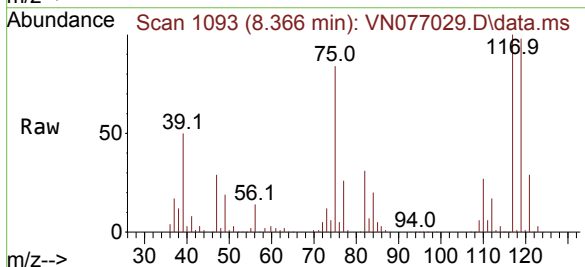
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

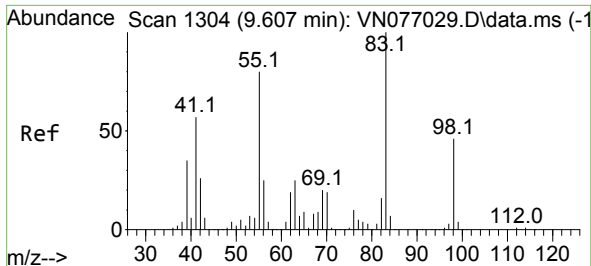
Tgt Ion: 43 Resp: 403286
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 49.381 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 117 Resp: 370698
Ion Ratio Lower Upper
117 100
119 97.7 78.2 117.2
121 29.0 23.2 34.8





#39

Methylcyclohexane

Concen: 52.837 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

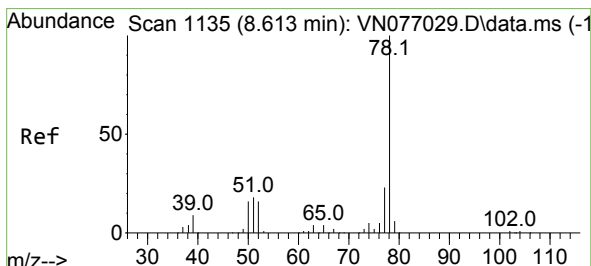
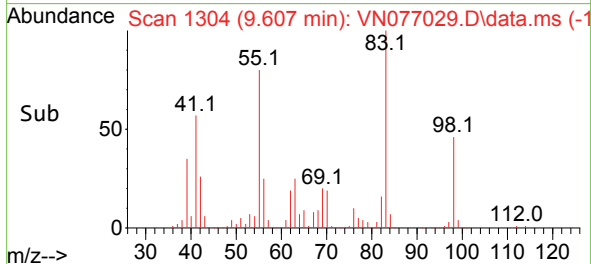
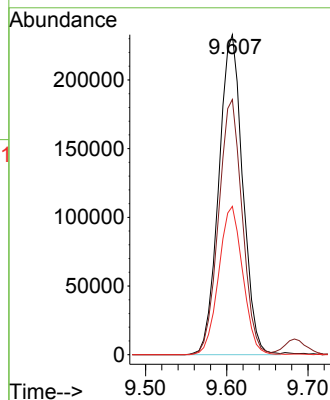
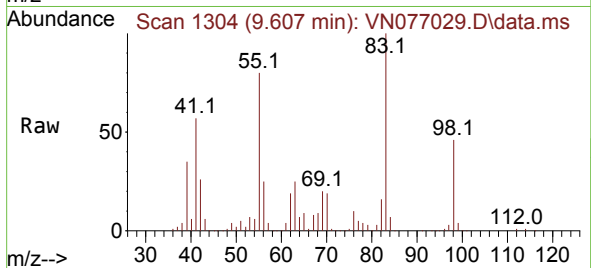
Tgt Ion: 83 Resp: 476639

Ion Ratio Lower Upper

83 100

55 79.8 63.8 95.8

98 46.4 37.1 55.7



#40

Benzene

Concen: 48.740 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN077029.D

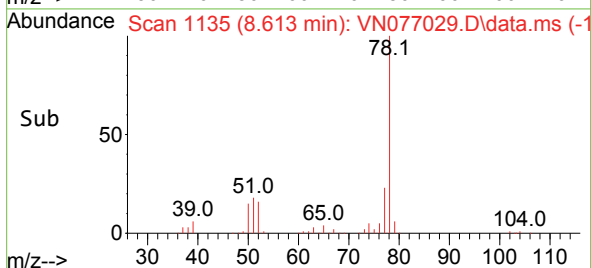
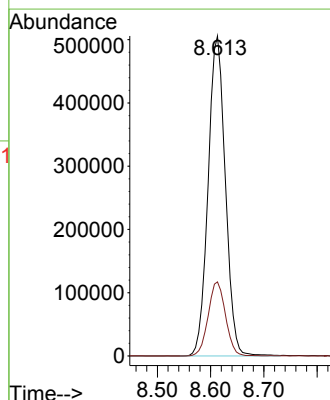
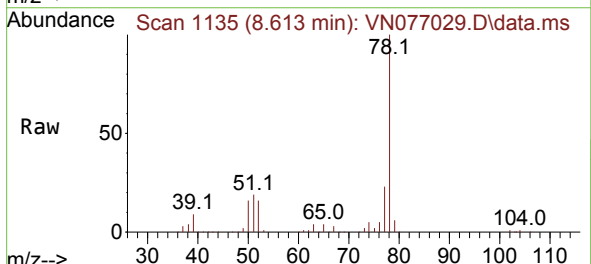
Acq: 17 Mar 2023 11:25

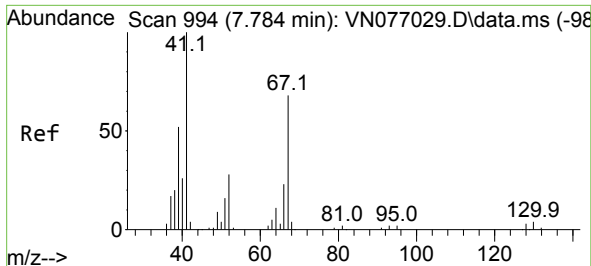
Tgt Ion: 78 Resp: 1139206

Ion Ratio Lower Upper

78 100

77 23.1 18.5 27.7



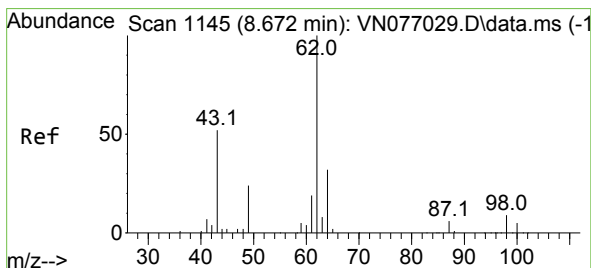
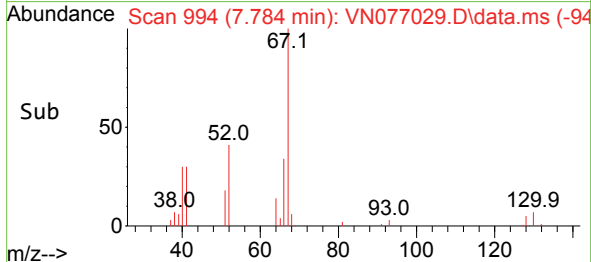
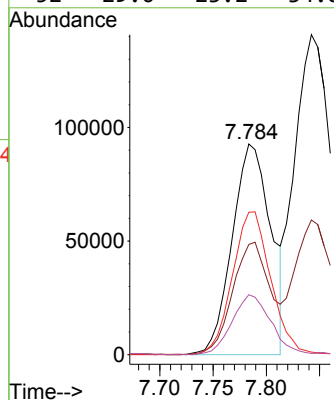
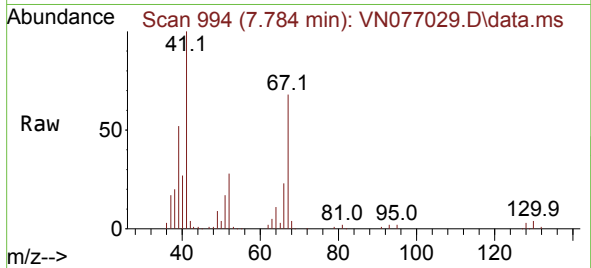


#41
Methacrylonitrile
Concen: 54.687 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 234451

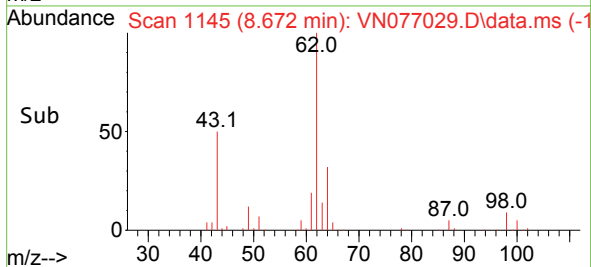
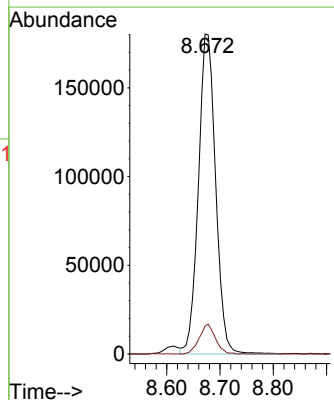
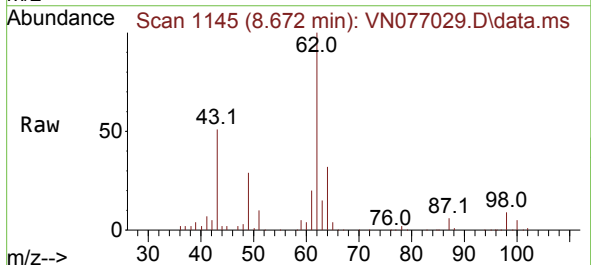
Ion	Ratio	Lower	Upper
41	100		
39	52.0	41.6	62.4
67	67.3	53.8	80.8
52	29.0	23.2	34.8

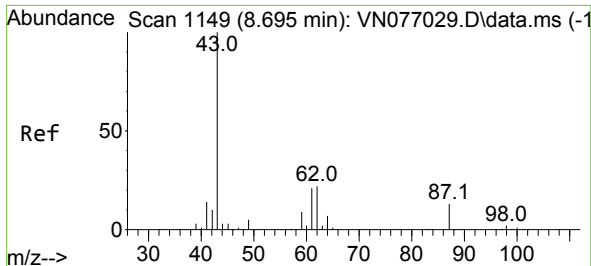


#42
1,2-Dichloroethane
Concen: 47.952 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 62 Resp: 405008

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.4

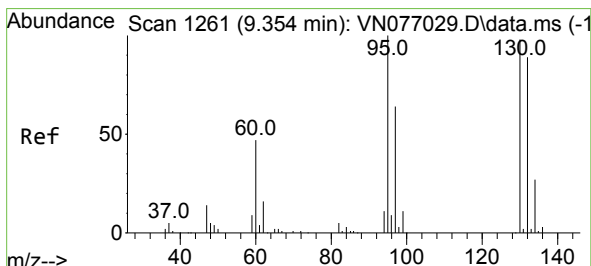
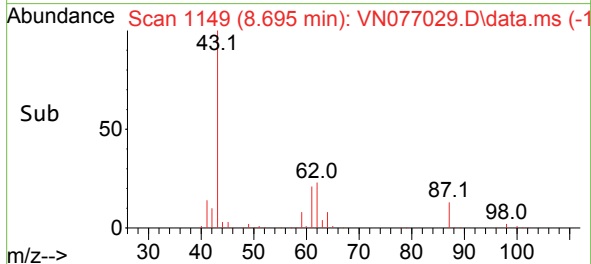
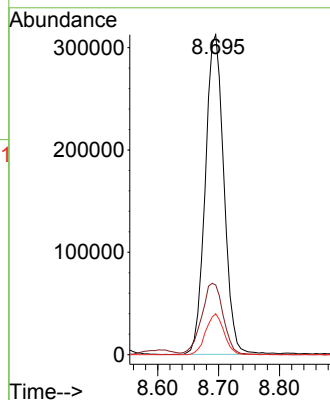
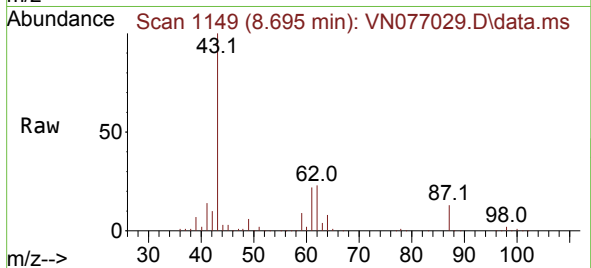




#43
Isopropyl Acetate
Concen: 51.618 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

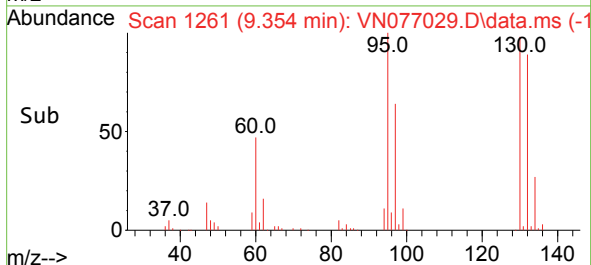
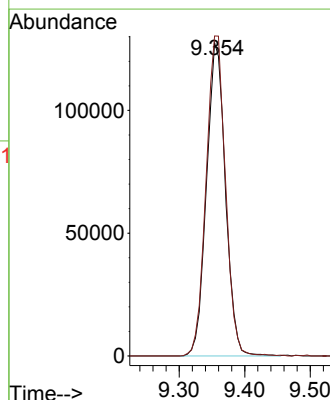
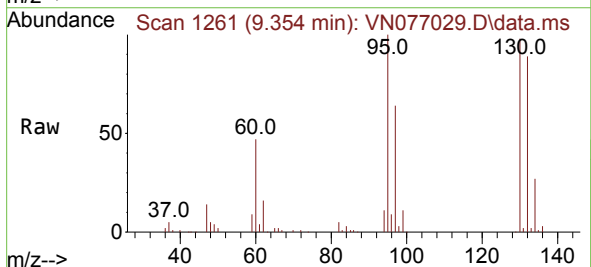
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

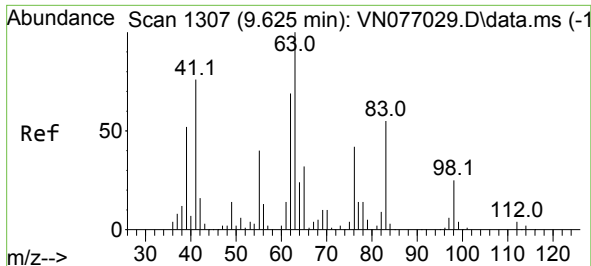
Tgt Ion: 43 Resp: 664907
Ion Ratio Lower Upper
43 100
61 25.7 20.6 30.8
87 12.5 10.0 15.0



#44
Trichloroethene
Concen: 47.708 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion:130 Resp: 256132
Ion Ratio Lower Upper
130 100
95 102.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.973 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

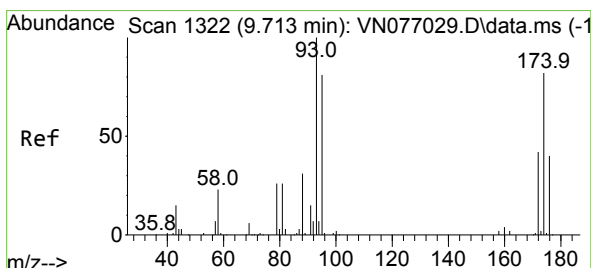
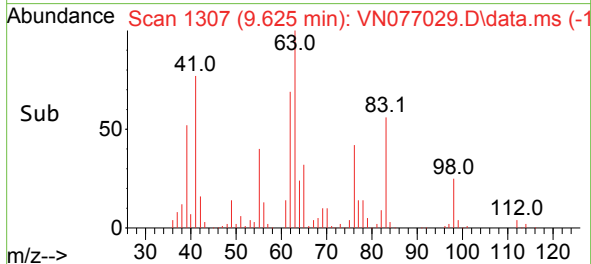
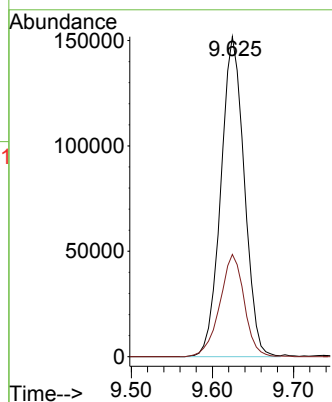
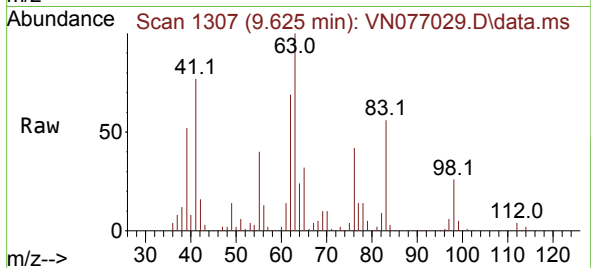
VSTDICCC050

Tgt Ion: 63 Resp: 304014

Ion Ratio Lower Upper

63 100

65 31.9 25.5 38.3



#46

Dibromomethane

Concen: 48.179 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

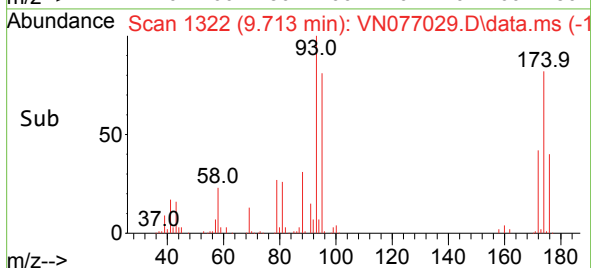
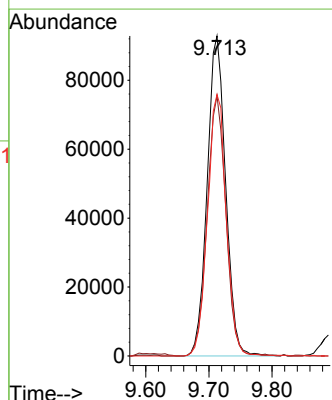
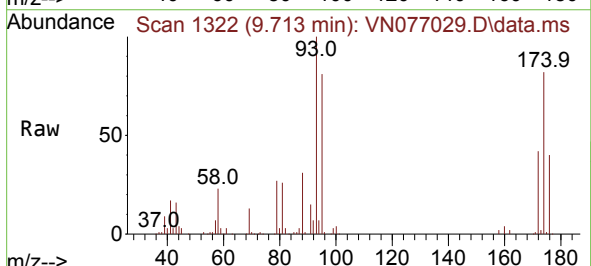
Tgt Ion: 93 Resp: 188628

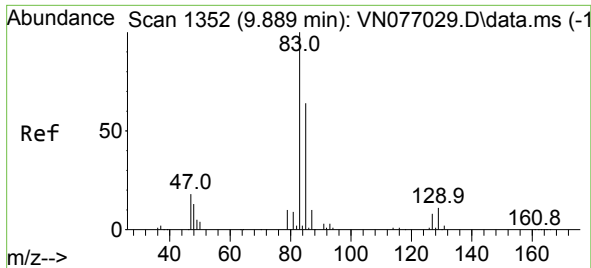
Ion Ratio Lower Upper

93 100

95 82.1 65.7 98.5

174 83.0 66.4 99.6

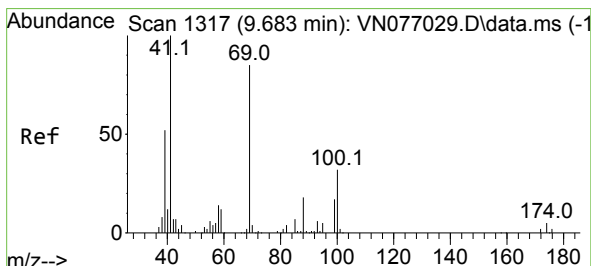
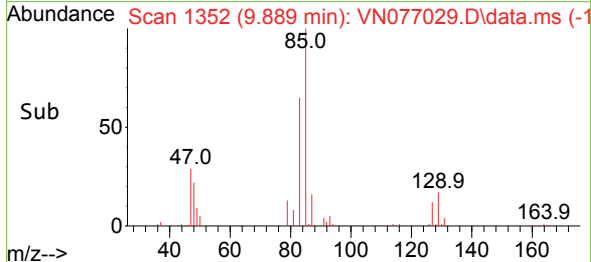
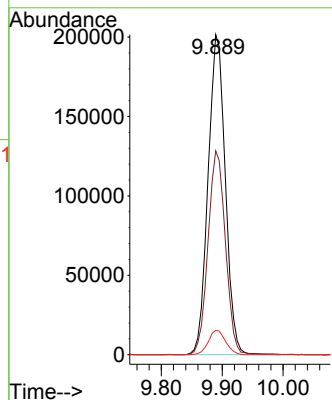
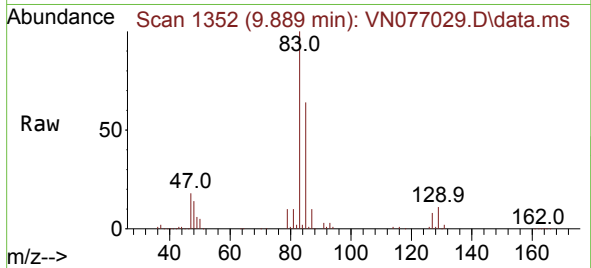




#47
Bromodichloromethane
Concen: 48.343 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

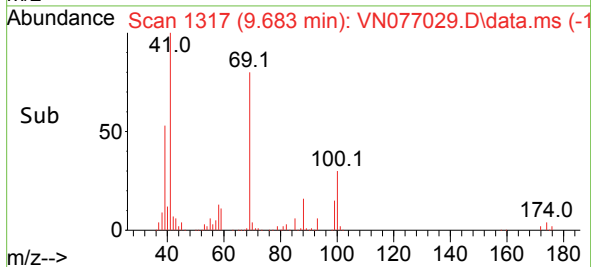
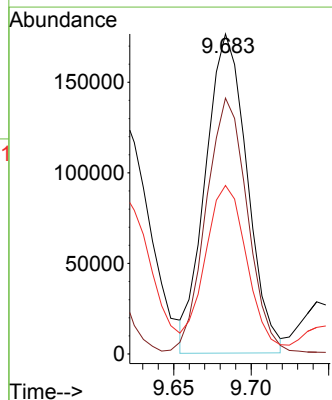
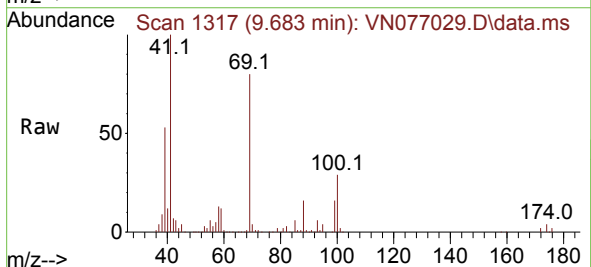
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

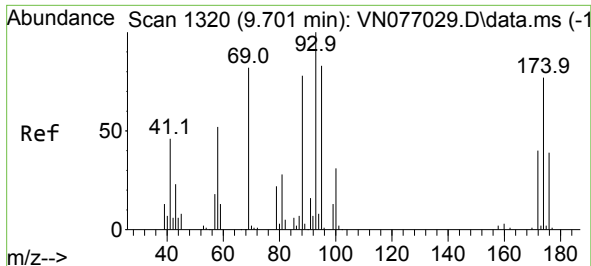
Tgt Ion: 83 Resp: 396961
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4
127 7.6 6.1 9.1



#48
Methyl methacrylate
Concen: 53.371 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 41 Resp: 328671
Ion Ratio Lower Upper
41 100
69 80.4 64.3 96.5
39 54.0 43.2 64.8





#49

1,4-Dioxane

Concen: 1020.120 ug/l

RT: 9.701 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

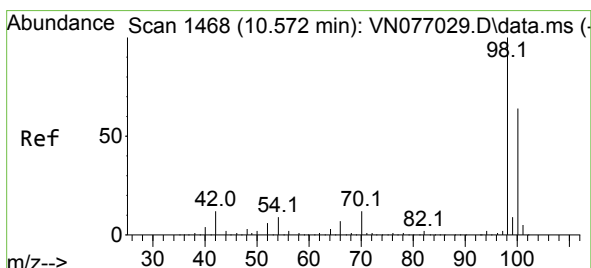
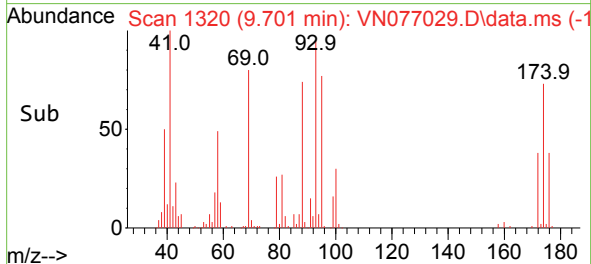
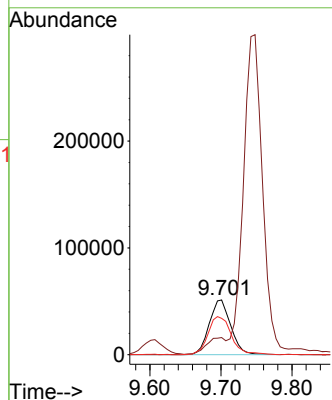
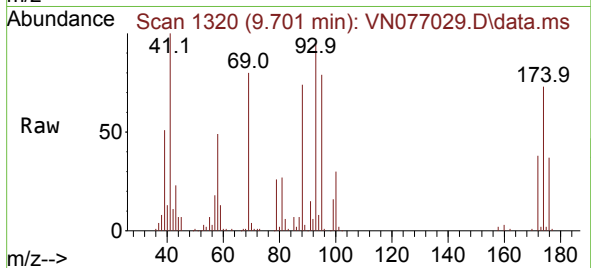
Tgt Ion: 88 Resp: 107297

Ion Ratio Lower Upper

88 100

43 27.7 22.2 33.2

58 76.0 60.8 91.2



#50

Toluene-d8

Concen: 50.429 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077029.D

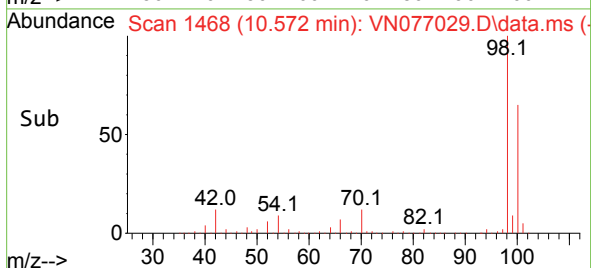
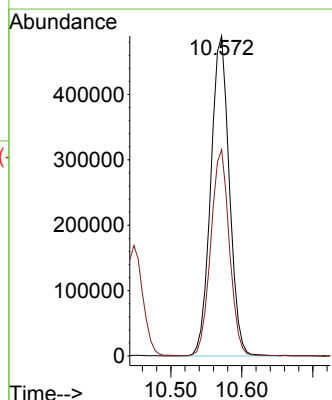
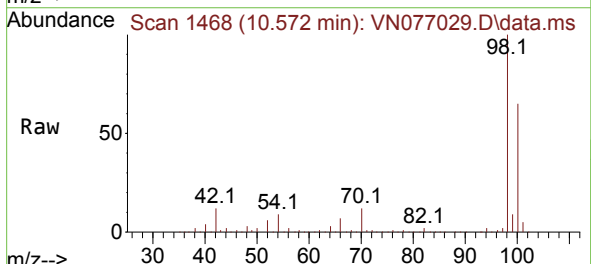
Acq: 17 Mar 2023 11:25

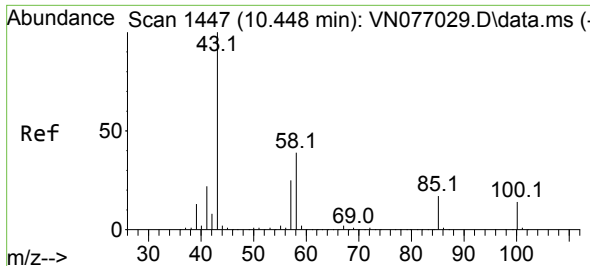
Tgt Ion: 98 Resp: 888863

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 257.751 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

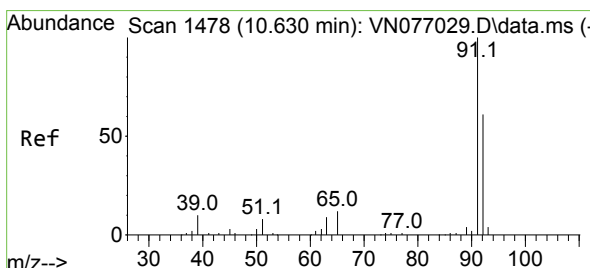
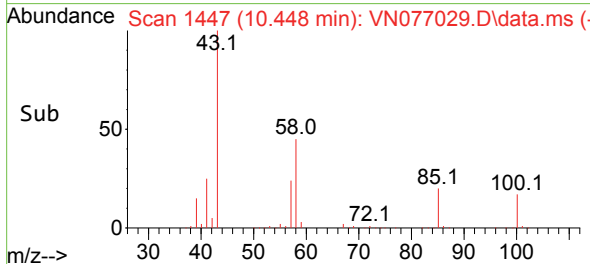
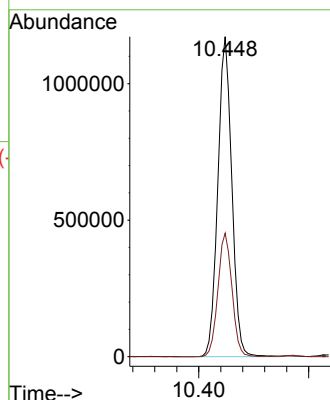
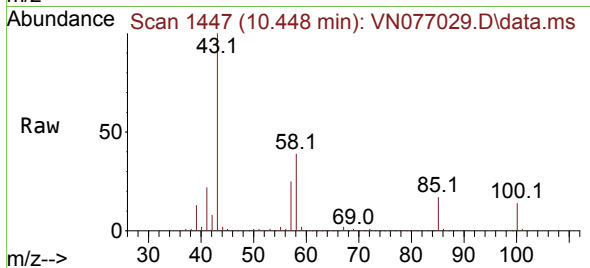
VSTDICCC050

Tgt Ion: 43 Resp: 2067565

Ion Ratio Lower Upper

43 100

58 38.9 31.1 46.7



#52

Toluene

Concen: 50.765 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VN077029.D

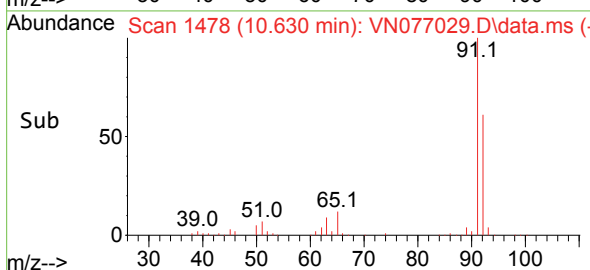
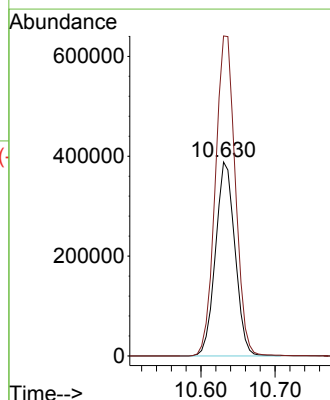
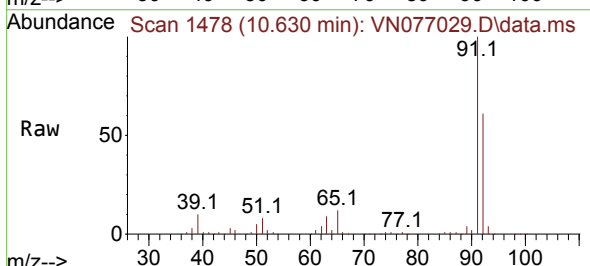
Acq: 17 Mar 2023 11:25

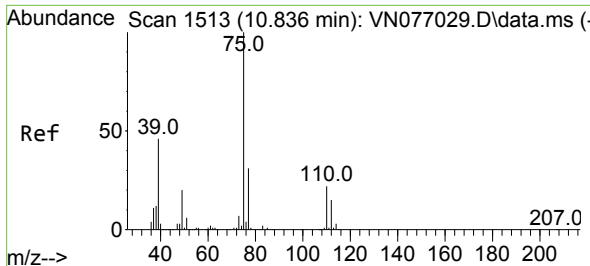
Tgt Ion: 92 Resp: 708461

Ion Ratio Lower Upper

92 100

91 169.8 135.8 203.8

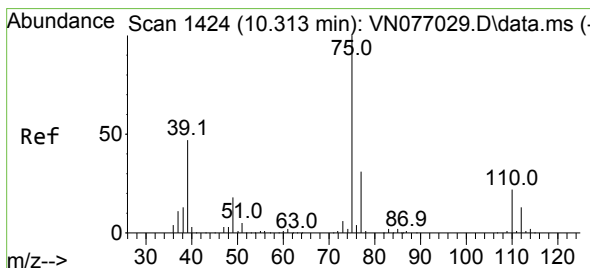
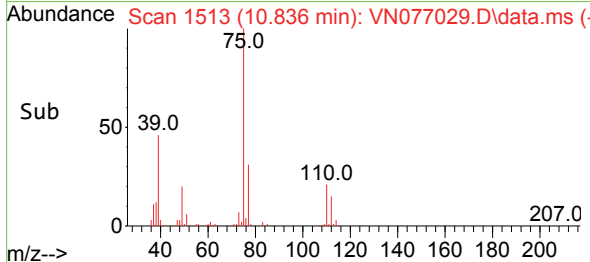
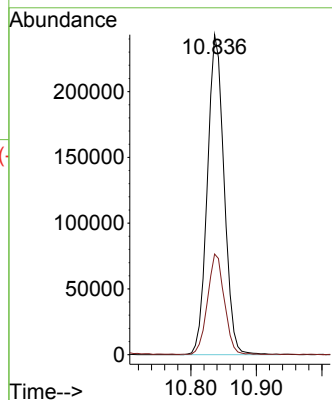
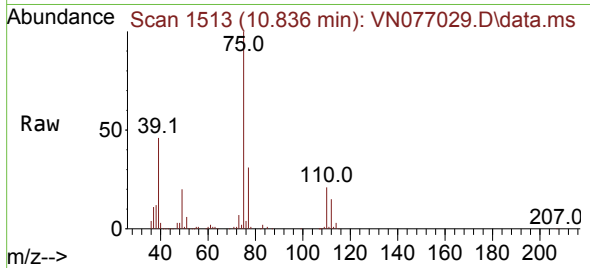




#53
 t-1,3-Dichloropropene
 Concen: 53.543 ug/l
 RT: 10.836 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

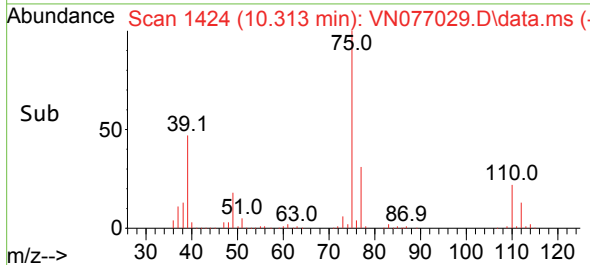
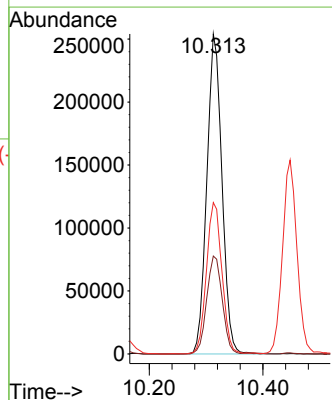
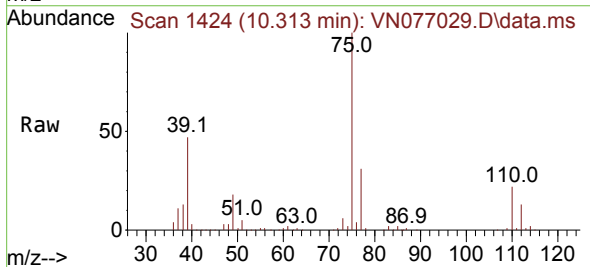
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

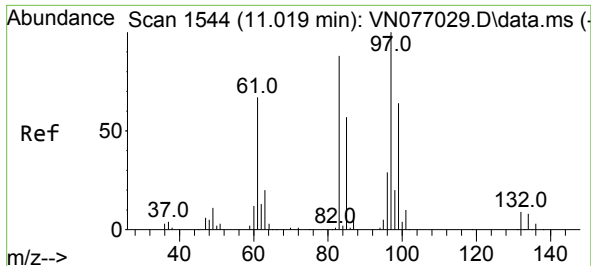
Tgt Ion: 75 Resp: 430908
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 51.636 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

Tgt Ion: 75 Resp: 468873
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.5 36.7
 39 47.2 37.8 56.6



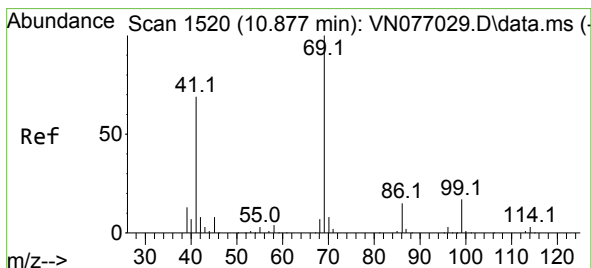
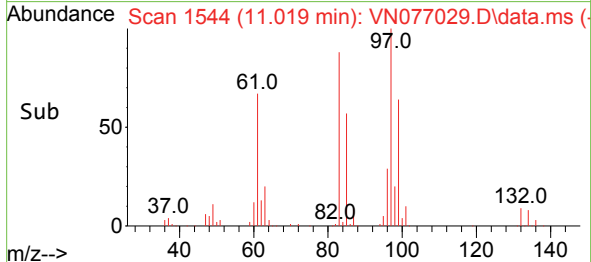
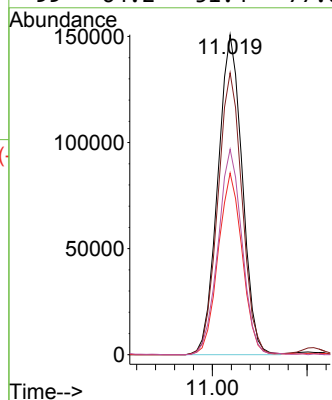
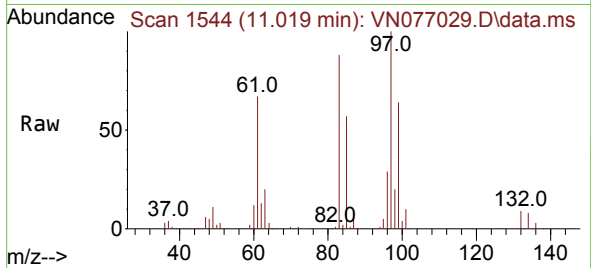


#55
1,1,2-Trichloroethane
Concen: 49.032 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 269833

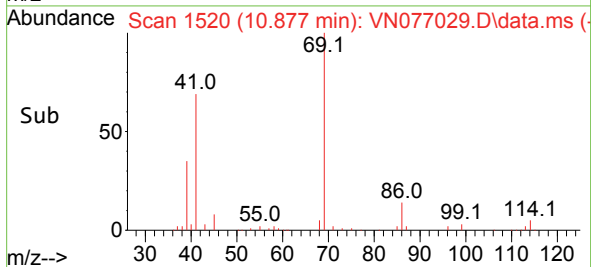
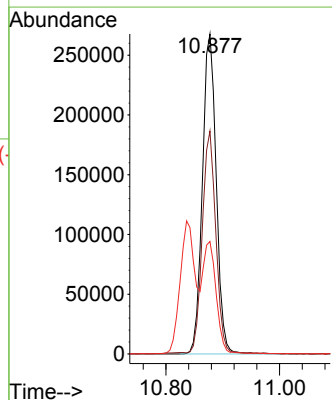
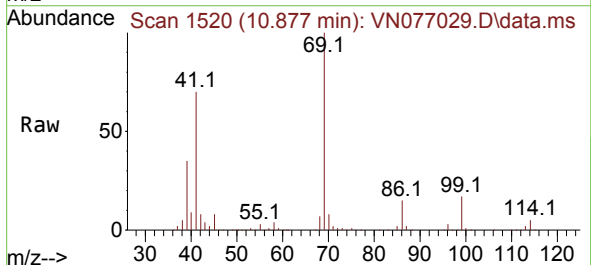
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.5	105.7
85	56.8	45.4	68.2
99	64.2	51.4	77.0

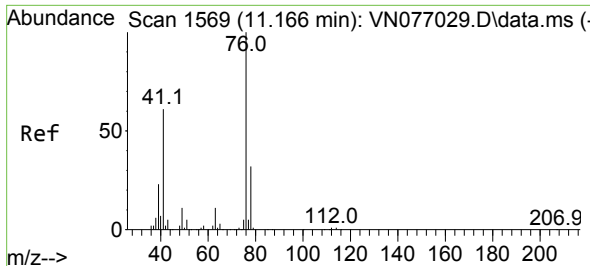


#56
Ethyl methacrylate
Concen: 54.603 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 69 Resp: 451852

Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.9	82.3
39	33.3	26.6	40.0





#57

1,3-Dichloropropane

Concen: 48.858 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

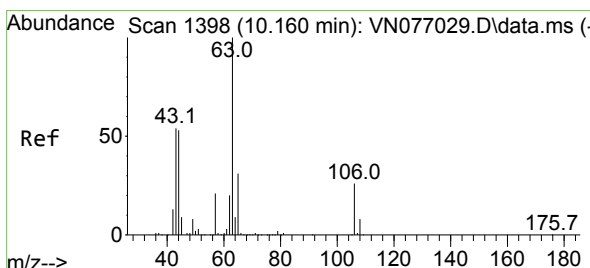
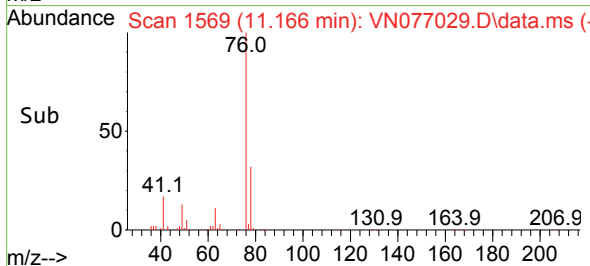
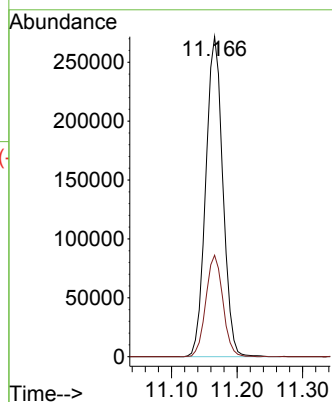
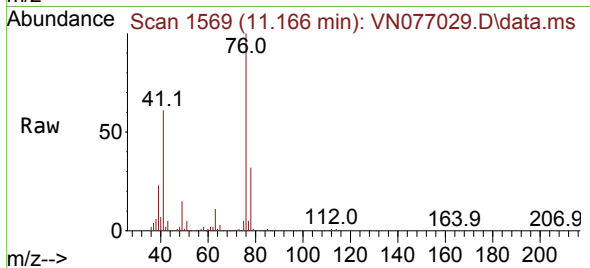
VSTDICCC050

Tgt Ion: 76 Resp: 492265

Ion Ratio Lower Upper

76 100

78 31.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 267.371 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VN077029.D

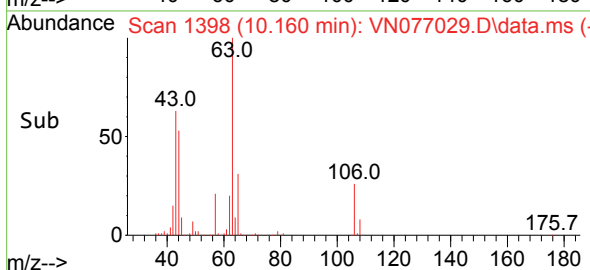
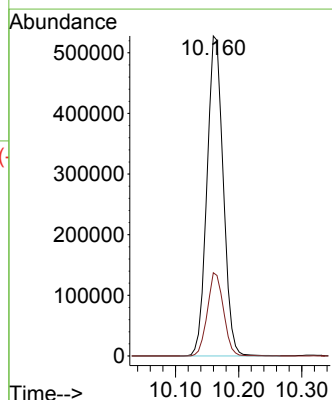
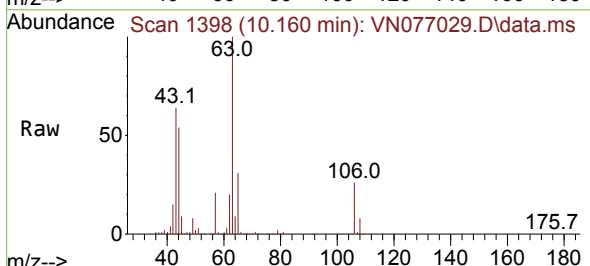
Acq: 17 Mar 2023 11:25

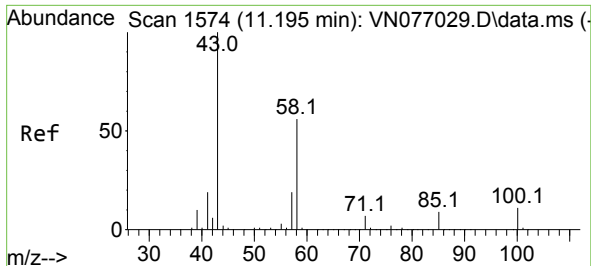
Tgt Ion: 63 Resp: 943268

Ion Ratio Lower Upper

63 100

106 25.8 20.6 31.0

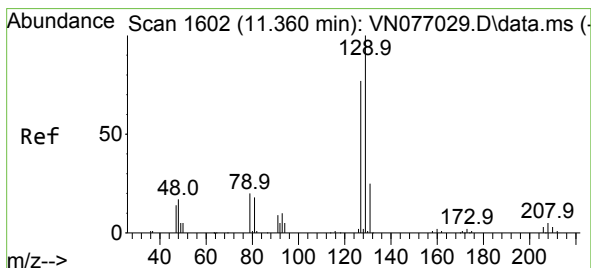
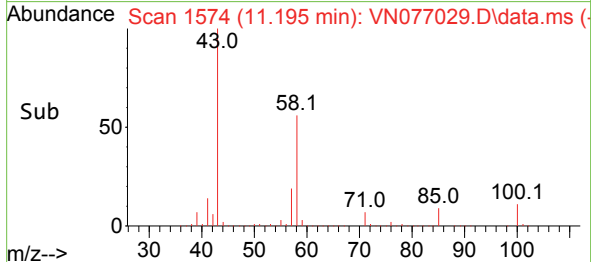
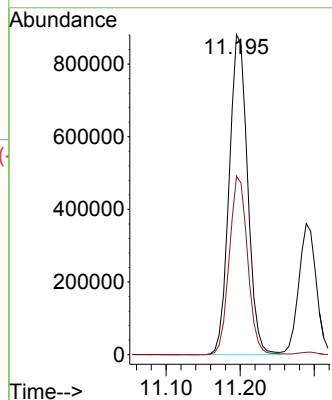
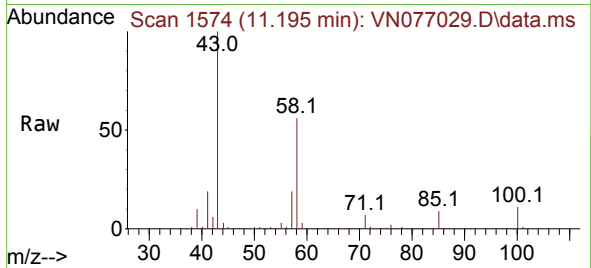




#59
2-Hexanone
Concen: 261.440 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

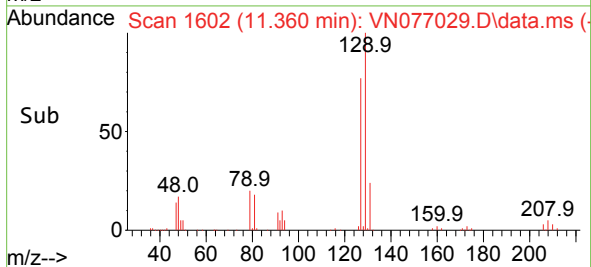
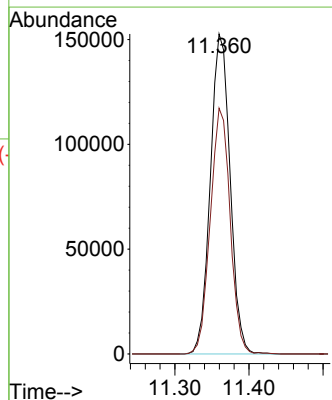
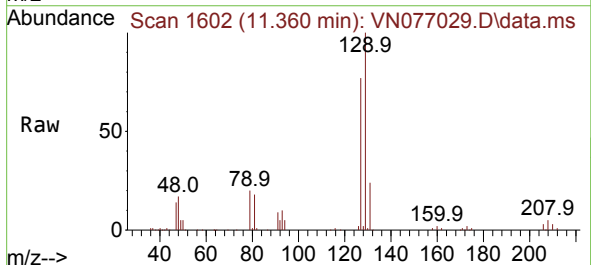
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

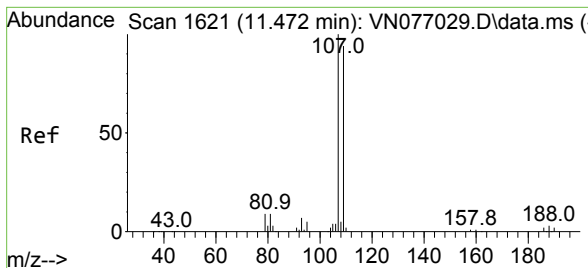
Tgt Ion: 43 Resp: 1521096
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.1



#60
Dibromochloromethane
Concen: 51.165 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 129 Resp: 282840
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

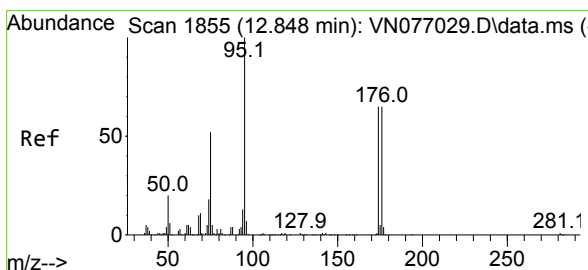
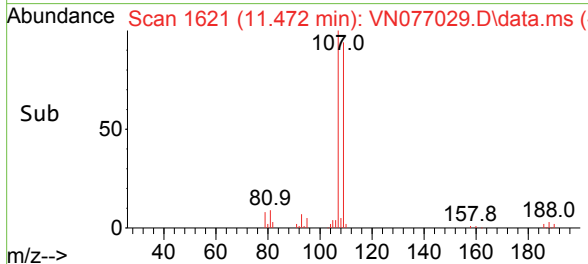
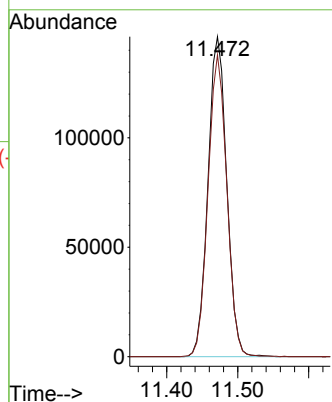
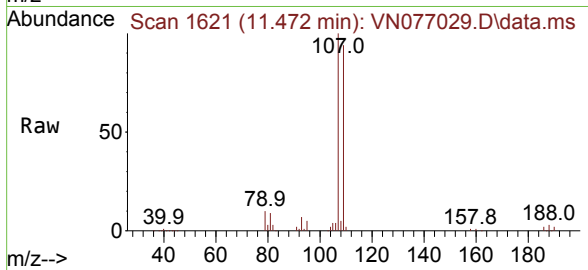




#61
1,2-Dibromoethane
Concen: 49.181 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

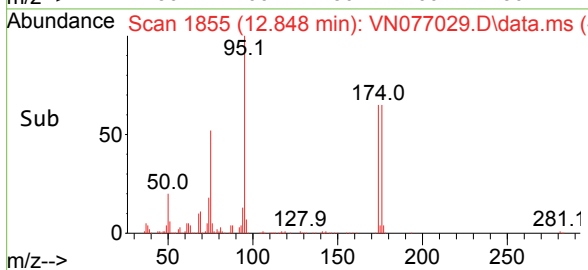
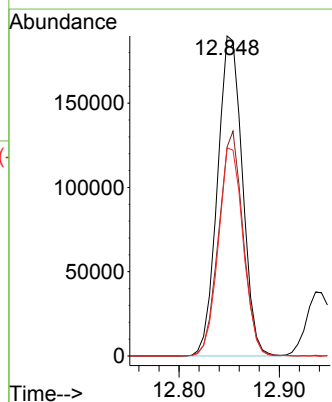
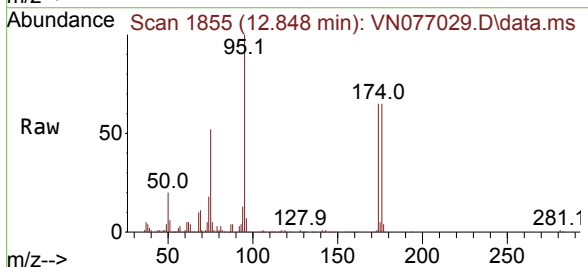
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

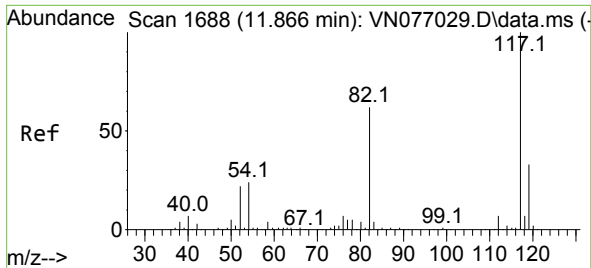
Tgt Ion:107 Resp: 268395
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.636 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 95 Resp: 327835
Ion Ratio Lower Upper
95 100
174 68.3 0.0 136.6
176 65.0 0.0 130.0

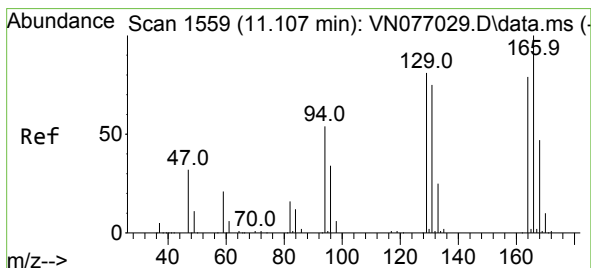
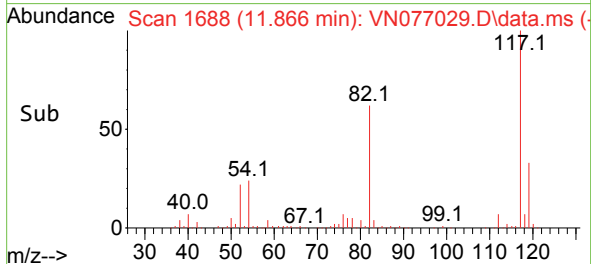
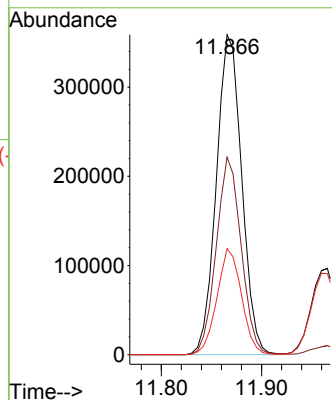
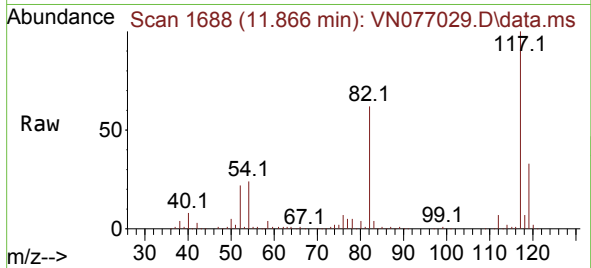




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

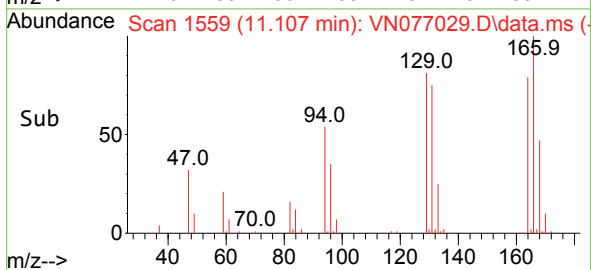
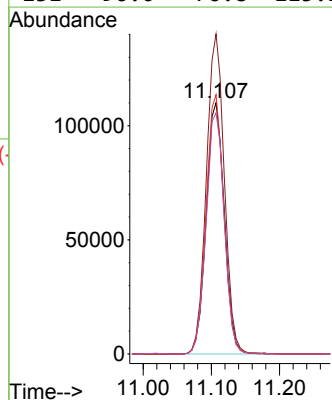
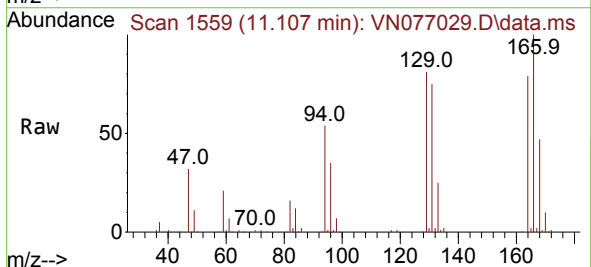
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

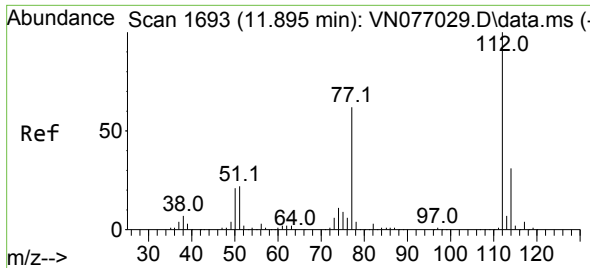
Tgt Ion:117 Resp: 631877
Ion Ratio Lower Upper
117 100
82 61.7 49.4 74.0
119 33.1 26.5 39.7



#64
Tetrachloroethene
Concen: 47.941 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion:164 Resp: 203308
Ion Ratio Lower Upper
164 100
166 127.4 101.9 152.9
129 103.2 82.6 123.8
131 96.0 76.8 115.2

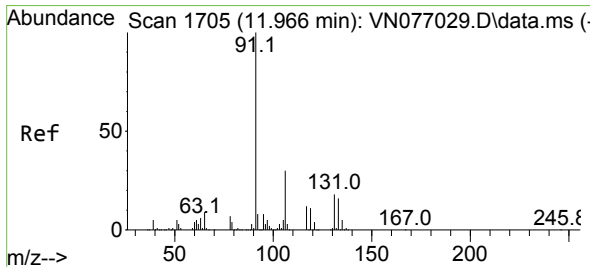
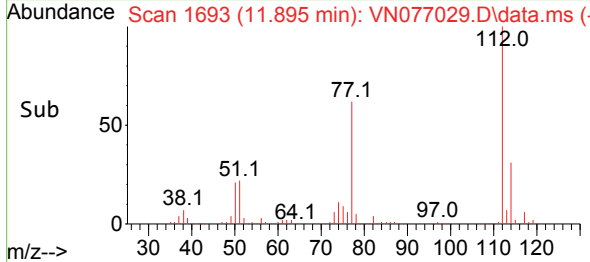
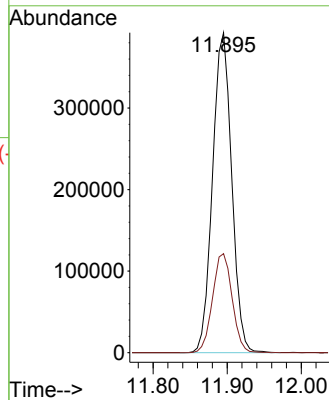
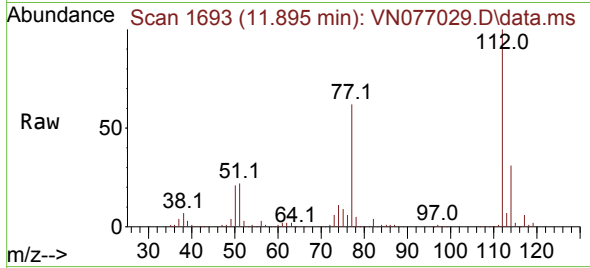




#65
Chlorobenzene
Concen: 48.399 ug/l
RT: 11.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

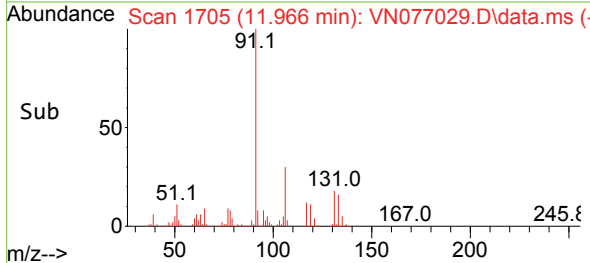
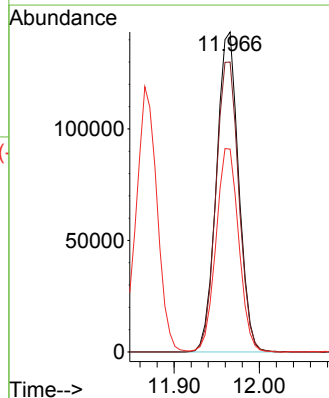
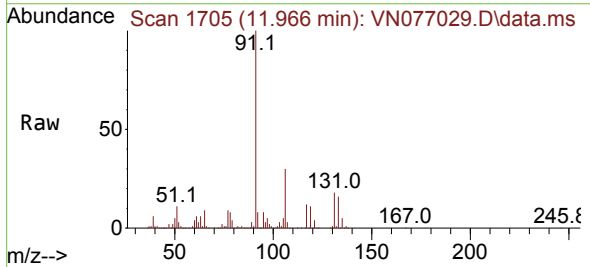
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

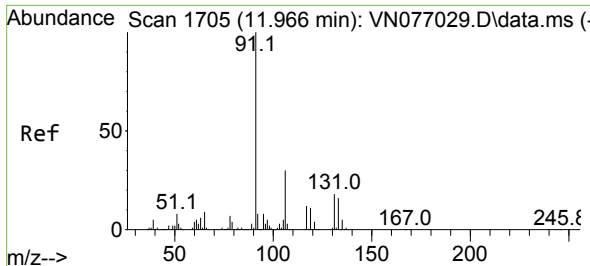
Tgt Ion:112 Resp: 703660
Ion Ratio Lower Upper
112 100
114 31.0 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.279 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion:131 Resp: 259721
Ion Ratio Lower Upper
131 100
133 93.5 46.8 140.3
119 65.2 32.6 97.8

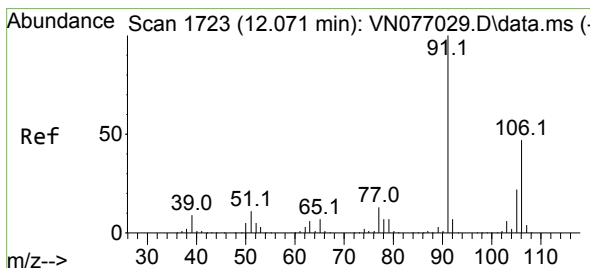
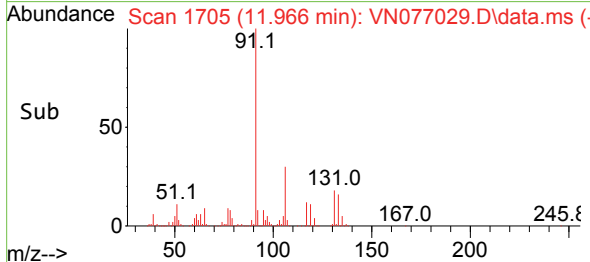
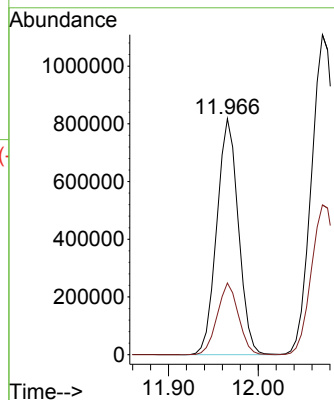
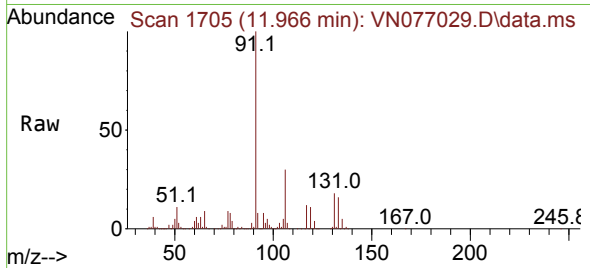




#67
Ethyl Benzene
Concen: 51.739 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

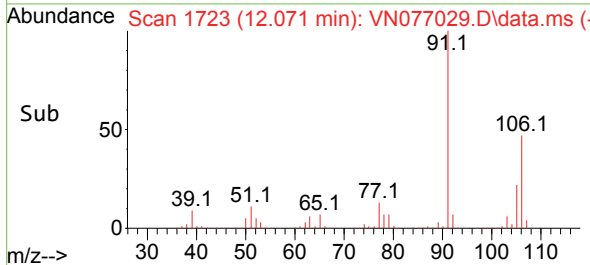
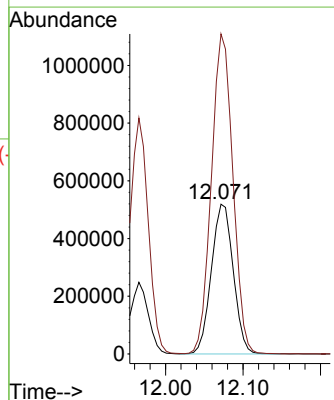
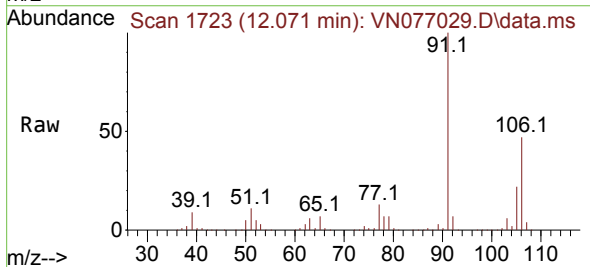
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

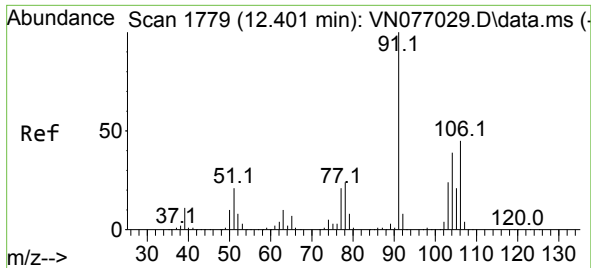
Tgt Ion: 91 Resp: 1366329
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 103.765 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion:106 Resp: 1016255
Ion Ratio Lower Upper
106 100
91 210.0 168.0 252.0

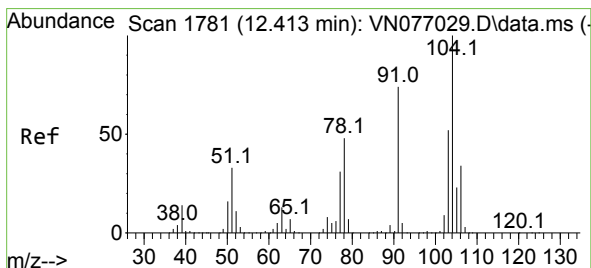
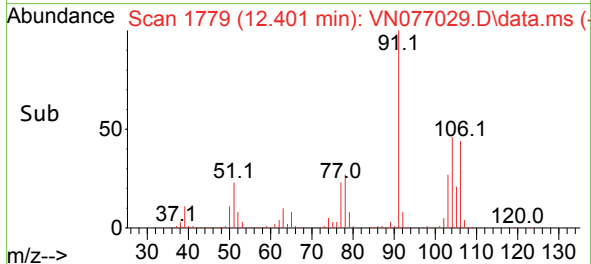
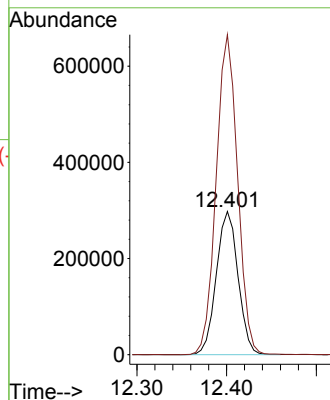
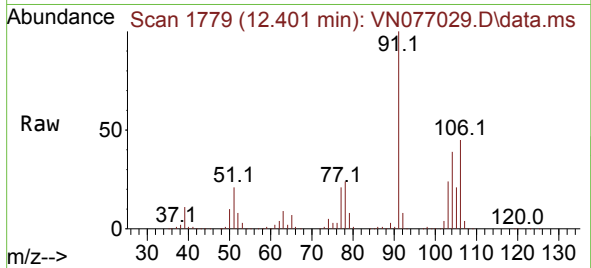




#69
o-Xylene
Concen: 51.475 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

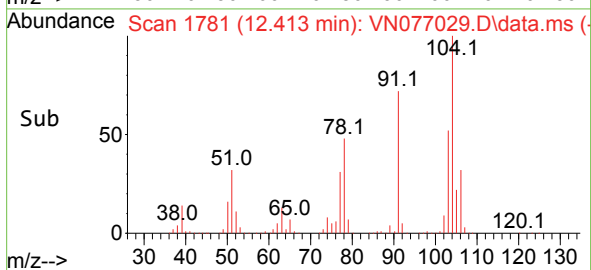
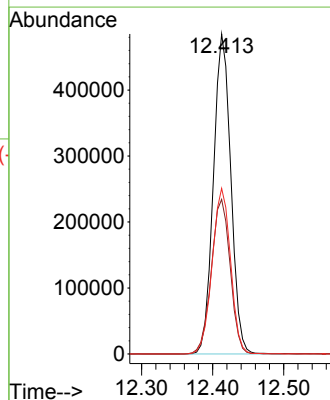
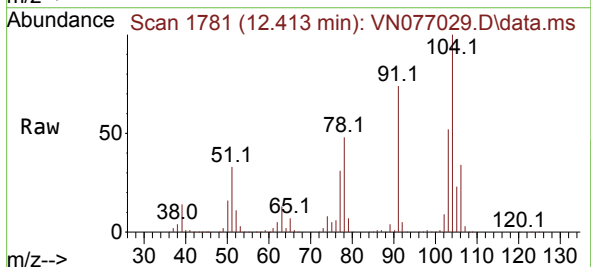
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

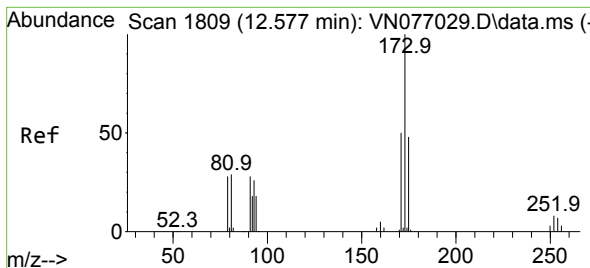
Tgt Ion:106 Resp: 500924
Ion Ratio Lower Upper
106 100
91 220.6 110.3 330.9



#70
Styrene
Concen: 54.452 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion:104 Resp: 824983
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.8
103 54.7 43.8 65.6





#71

Bromoform

Concen: 51.466 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

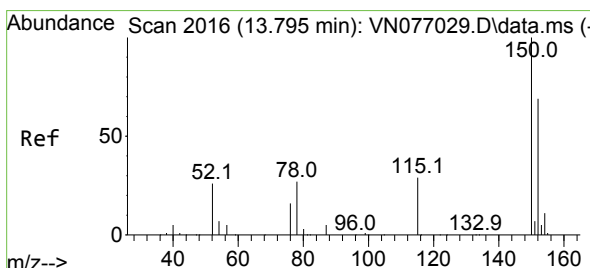
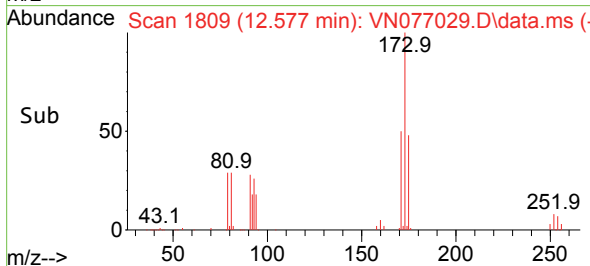
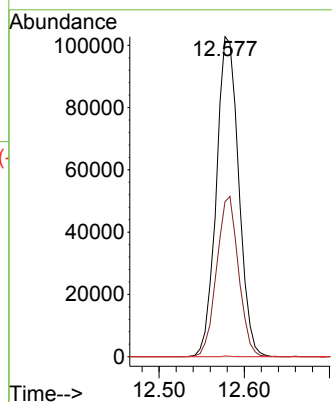
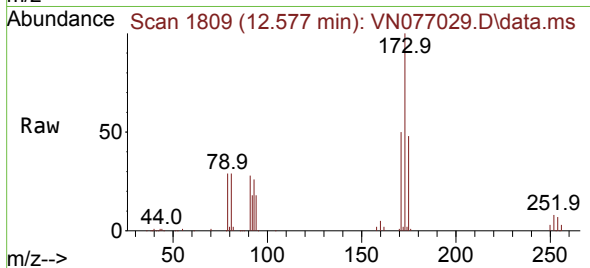
Tgt Ion:173 Resp: 187611

Ion Ratio Lower Upper

173 100

175 49.0 24.5 73.5

254 0.1 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: VN077029.D

Acq: 17 Mar 2023 11:25

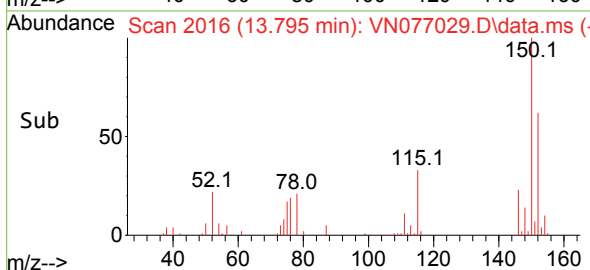
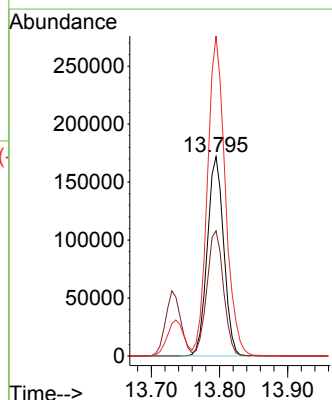
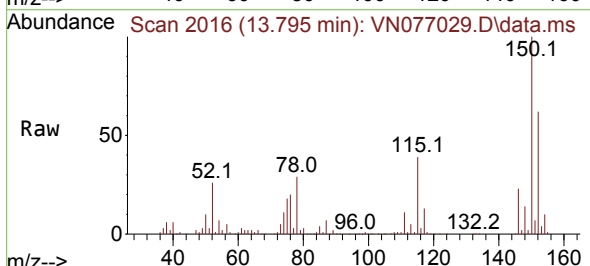
Tgt Ion:152 Resp: 288096

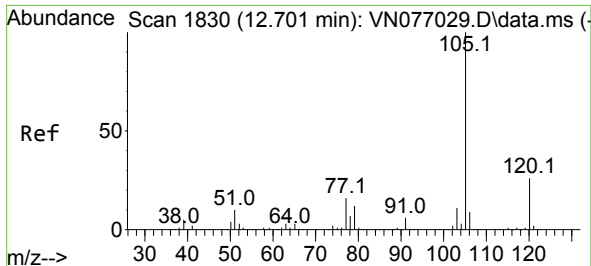
Ion Ratio Lower Upper

152 100

115 63.8 31.9 95.7

150 174.0 0.0 348.0

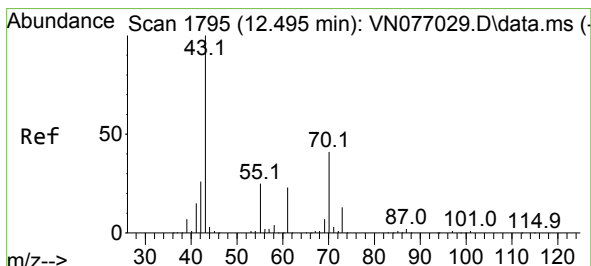
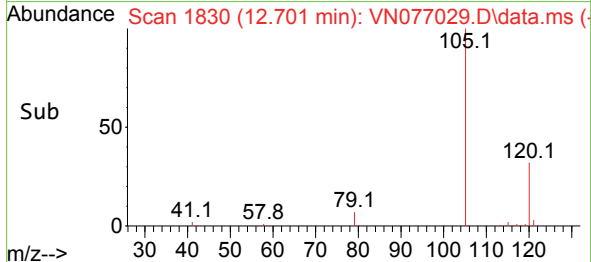
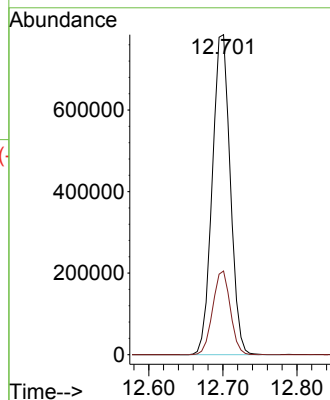
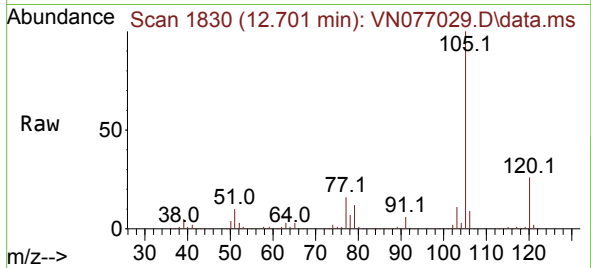




#73
Isopropylbenzene
Concen: 51.137 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

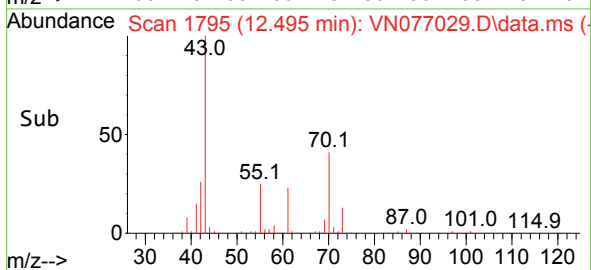
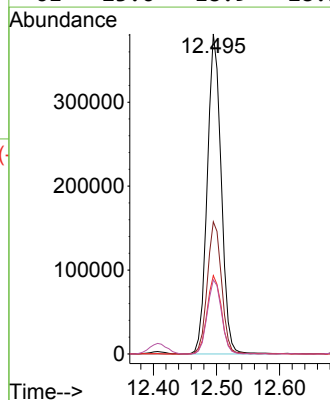
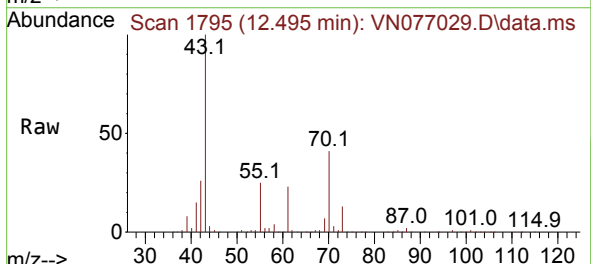
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

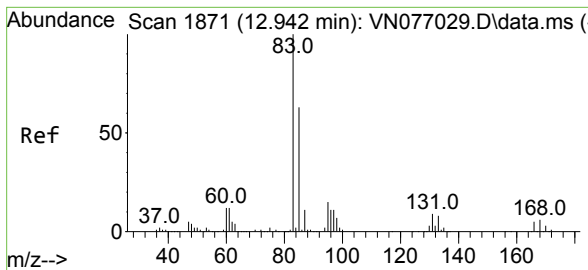
Tgt Ion:105 Resp: 1320258
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4



#74
N-ethyl acetate
Concen: 52.301 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 43 Resp: 584472
Ion Ratio Lower Upper
43 100
70 42.0 33.6 50.4
55 25.4 20.3 30.5
61 23.6 18.9 28.3

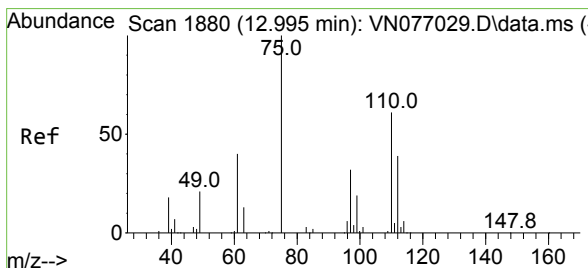
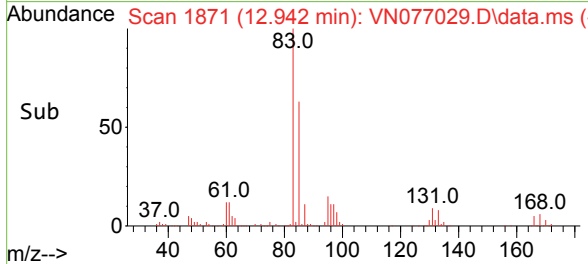
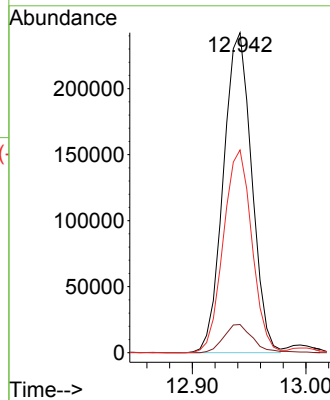
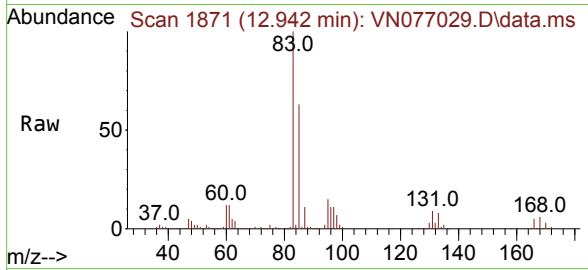




#75
1,1,2,2-Tetrachloroethane
Concen: 44.925 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

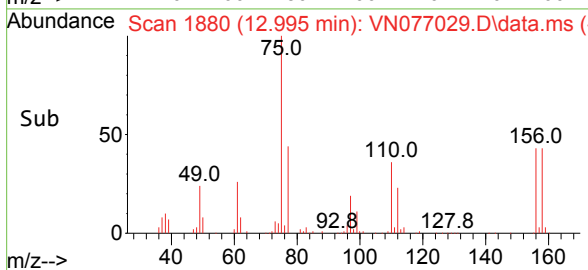
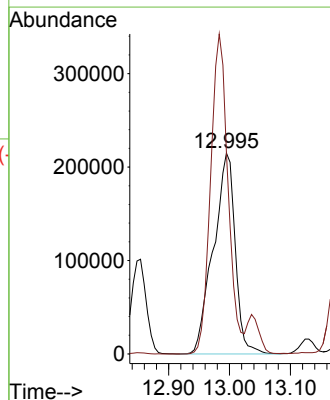
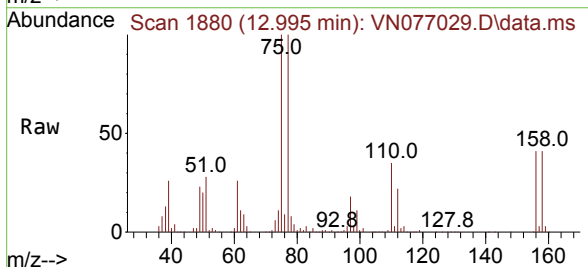
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

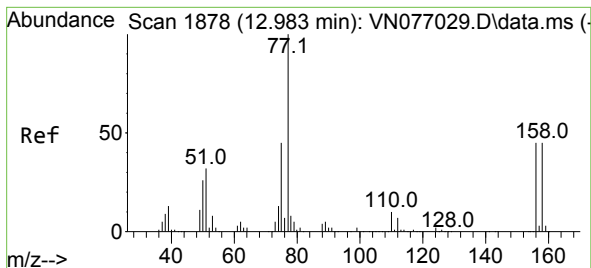
Tgt Ion: 83 Resp: 420217
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 63.9 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 71.793 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 75 Resp: 535067
Ion Ratio Lower Upper
75 100
77 127.5 107.3 322.0





#77

Bromobenzene

Concen: 47.291 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

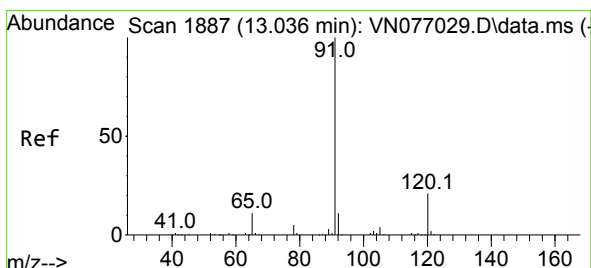
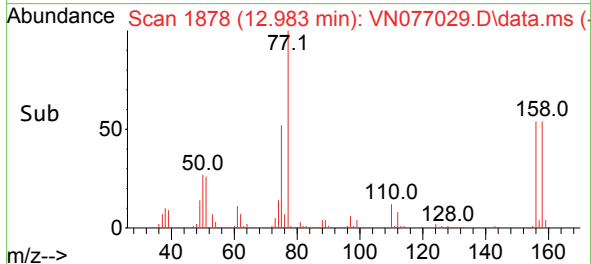
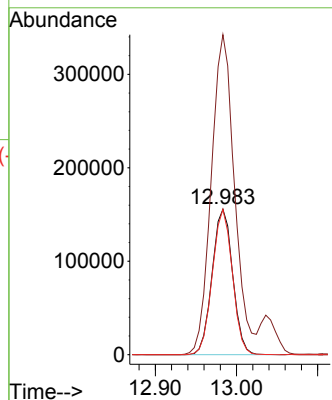
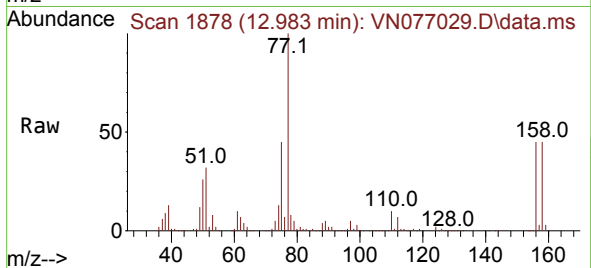
Tgt Ion:156 Resp: 273511

Ion Ratio Lower Upper

156 100

77 249.5 124.8 374.3

158 97.3 48.6 145.9



#78

n-propylbenzene

Concen: 52.826 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN077029.D

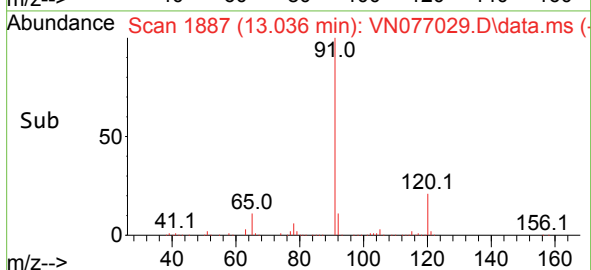
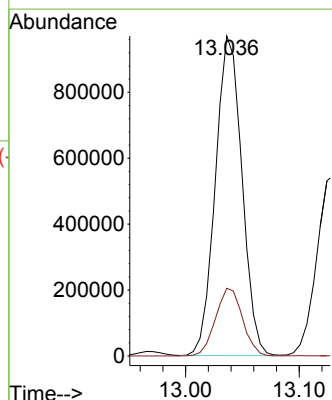
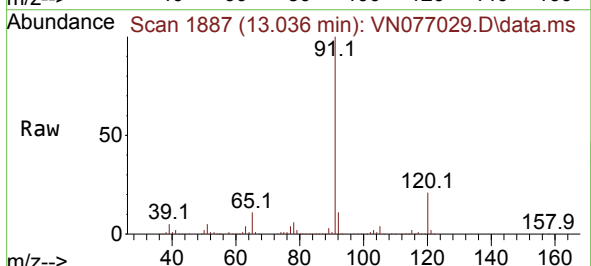
Acq: 17 Mar 2023 11:25

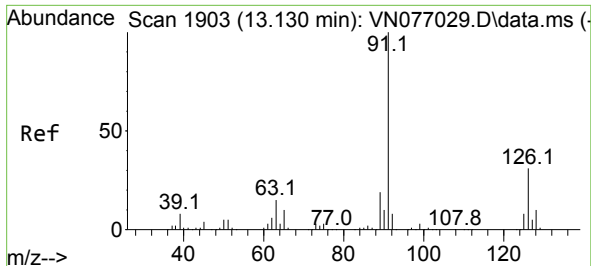
Tgt Ion: 91 Resp: 1574439

Ion Ratio Lower Upper

91 100

120 21.5 10.8 32.3

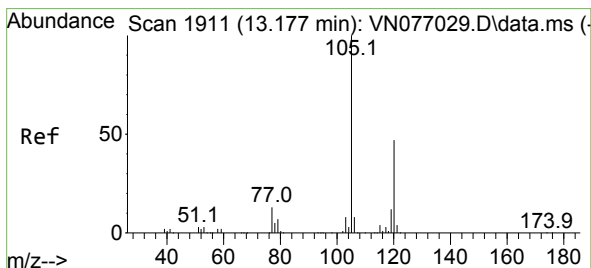
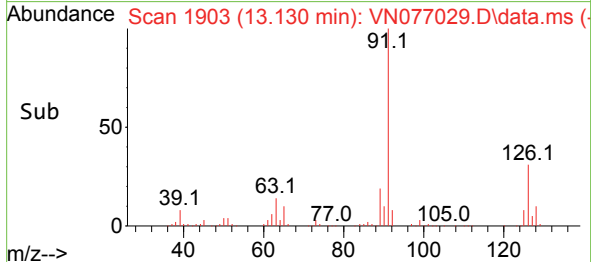
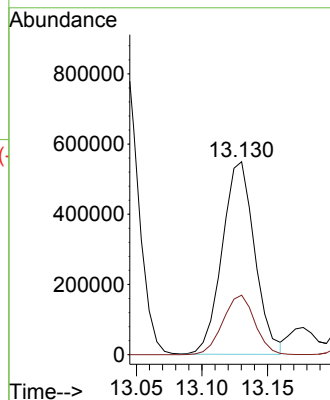
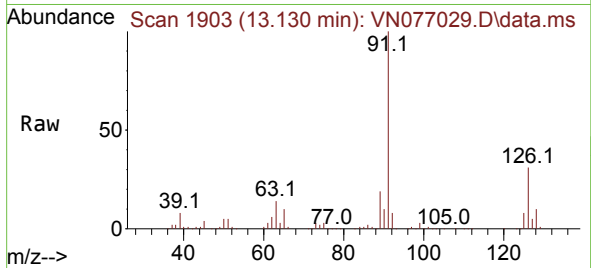




#79
2-Chlorotoluene
Concen: 49.880 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

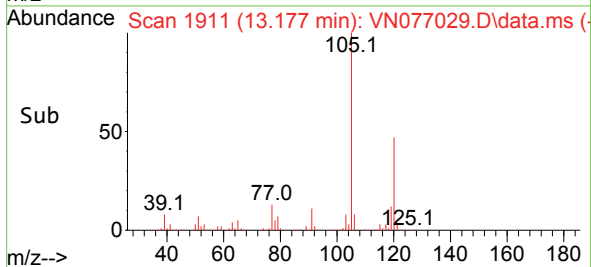
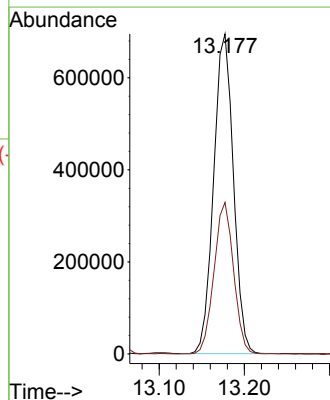
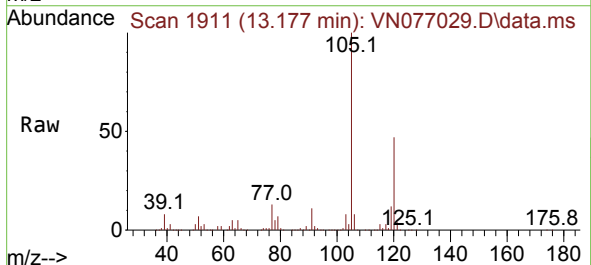
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

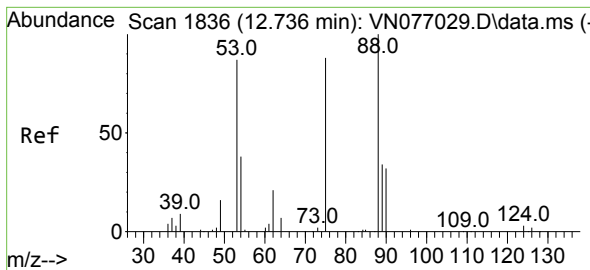
Tgt Ion: 91 Resp: 947295
Ion Ratio Lower Upper
91 100
126 30.3 15.2 45.5



#80
1,3,5-Trimethylbenzene
Concen: 51.898 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 105 Resp: 1118712
Ion Ratio Lower Upper
105 100
120 46.8 23.4 70.2

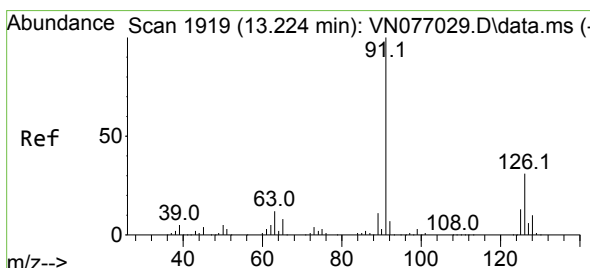
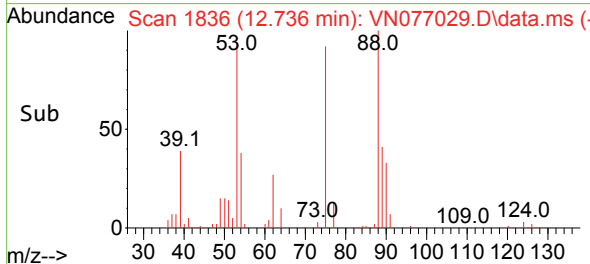
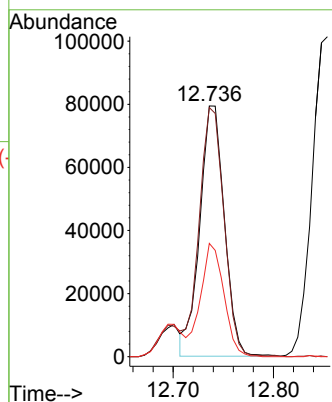
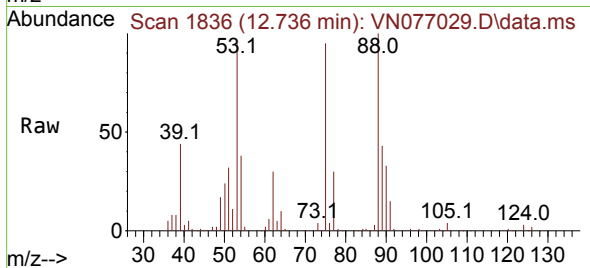




#81
trans-1,4-Dichloro-2-butene
Concen: 50.023 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

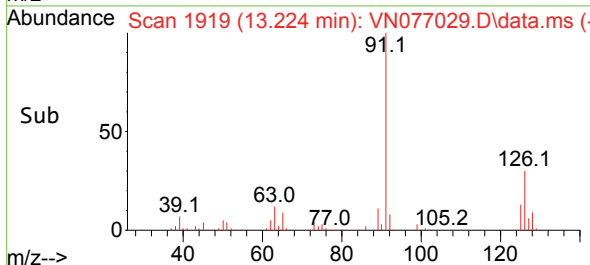
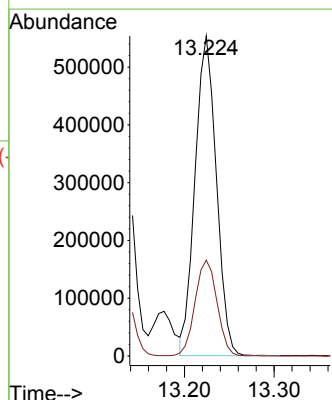
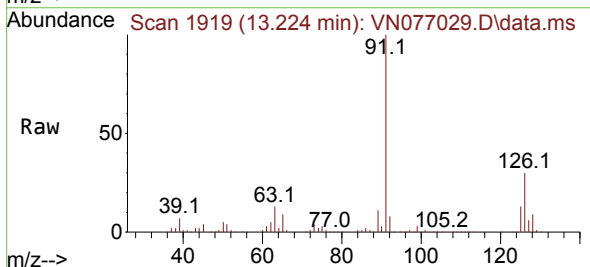
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

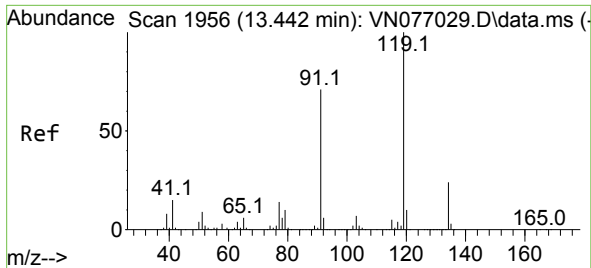
Tgt Ion: 75 Resp: 135427
Ion Ratio Lower Upper
75 100
53 101.0 80.8 121.2
89 42.8 34.2 51.4



#82
4-Chlorotoluene
Concen: 50.403 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 91 Resp: 910238
Ion Ratio Lower Upper
91 100
126 31.0 15.5 46.5

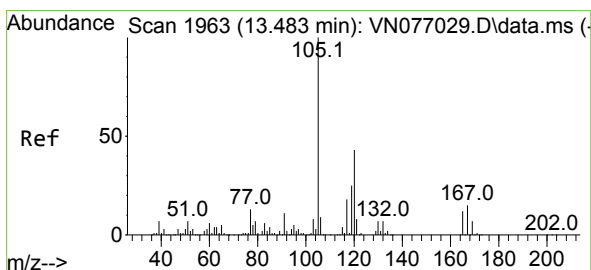
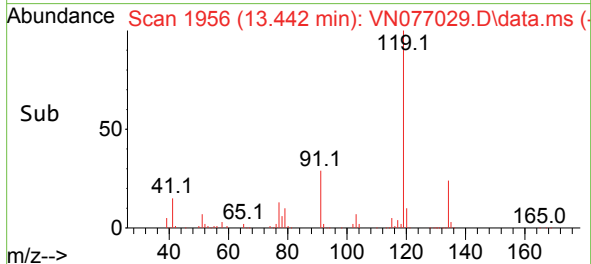
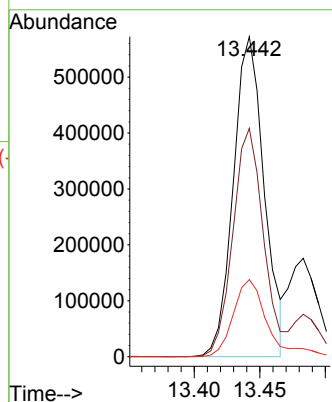
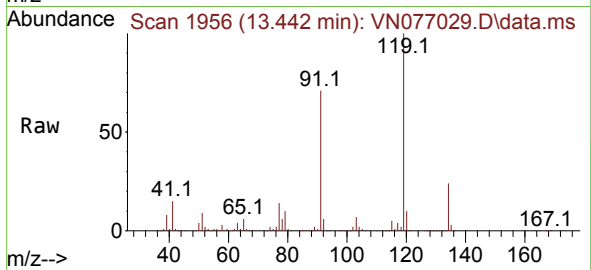




#83
tert-Butylbenzene
Concen: 51.842 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

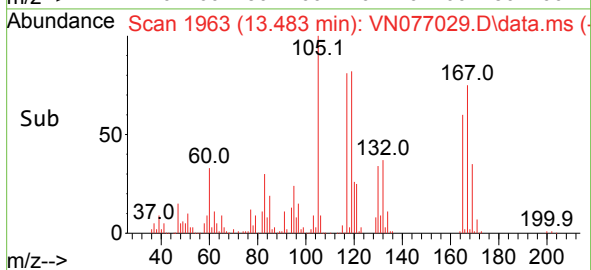
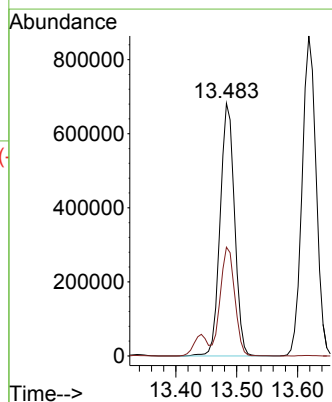
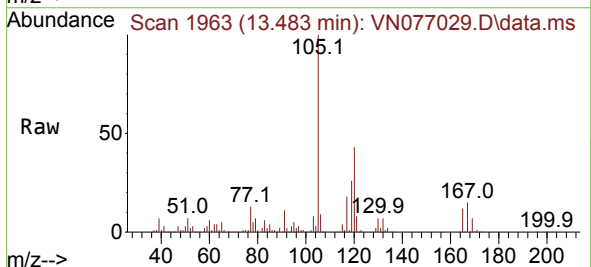
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

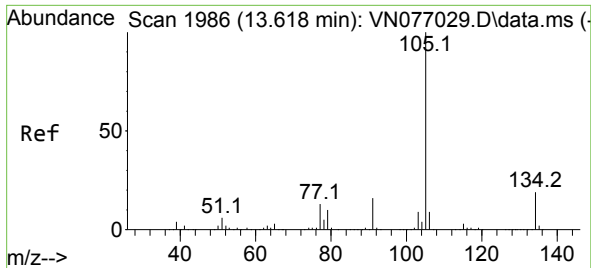
Tgt Ion:119 Resp: 938262
Ion Ratio Lower Upper
119 100
91 71.5 35.8 107.3
134 26.5 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 52.044 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion:105 Resp: 1119526
Ion Ratio Lower Upper
105 100
120 43.5 21.8 65.3

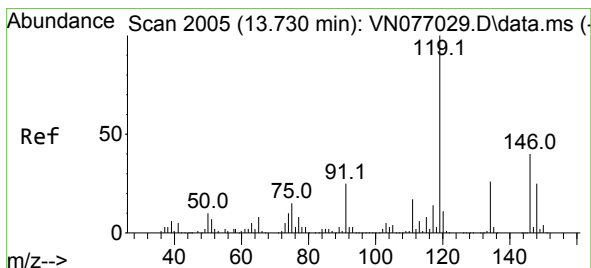
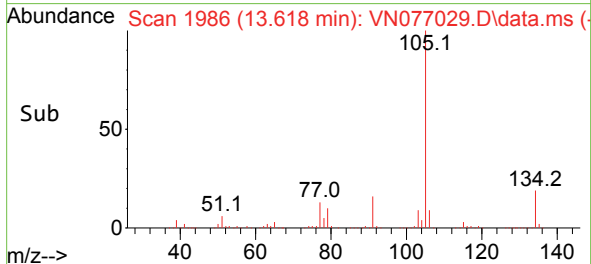
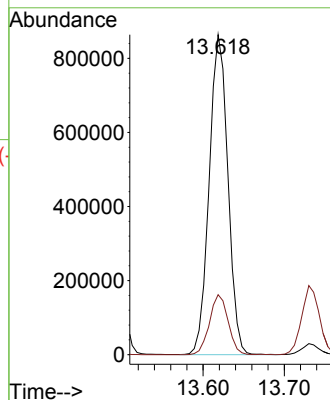
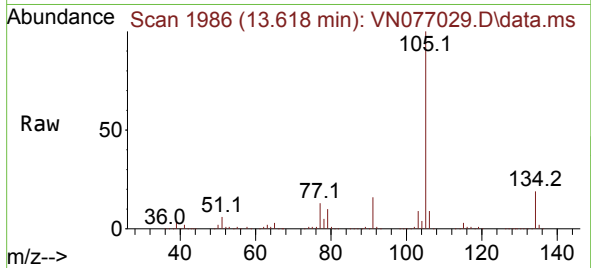




#85
 sec-Butylbenzene
 Concen: 53.636 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

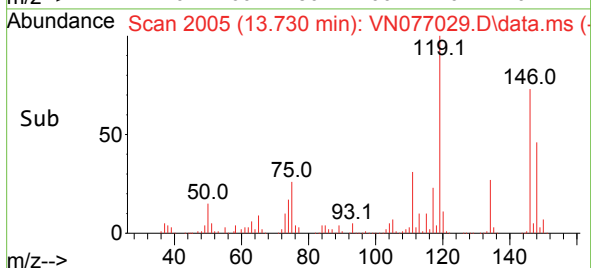
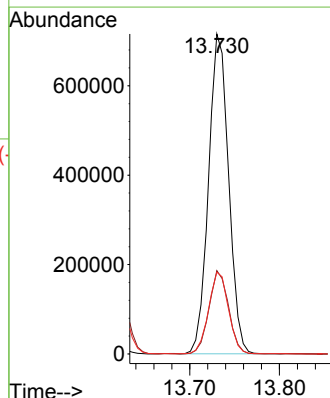
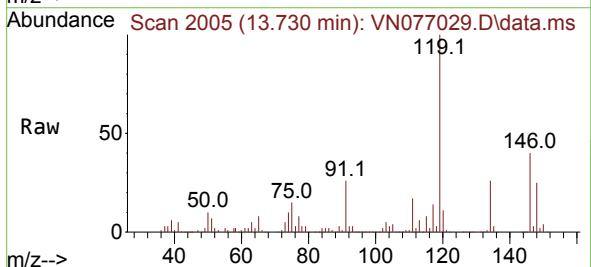
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

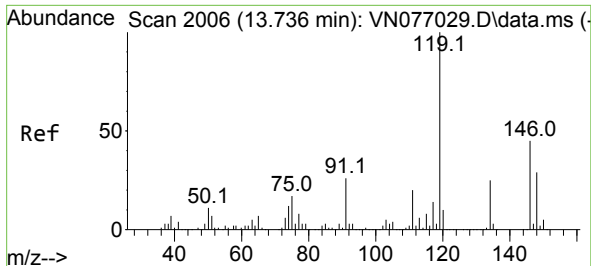
Tgt Ion:105 Resp: 1380871
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.3 27.9



#86
 p-Isopropyltoluene
 Concen: 53.651 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

Tgt Ion:119 Resp: 1109219
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 25.4 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 47.614 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

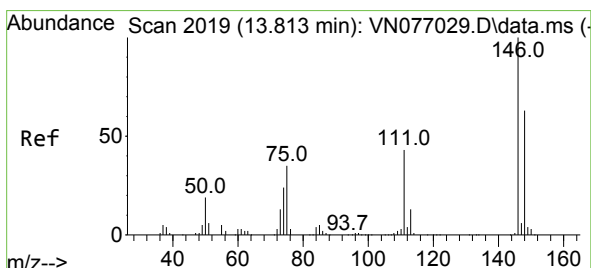
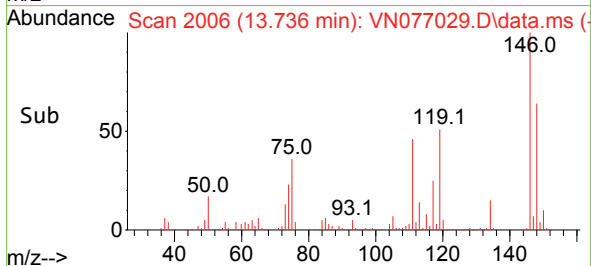
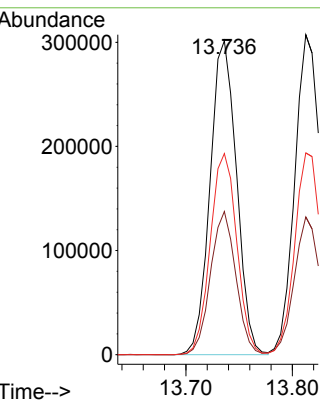
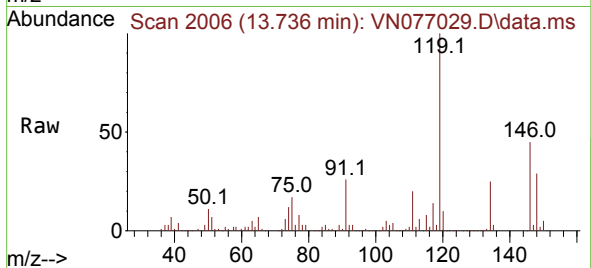
Tgt Ion:146 Resp: 520468

Ion Ratio Lower Upper

146 100

111 43.7 21.9 65.5

148 64.3 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 47.596 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

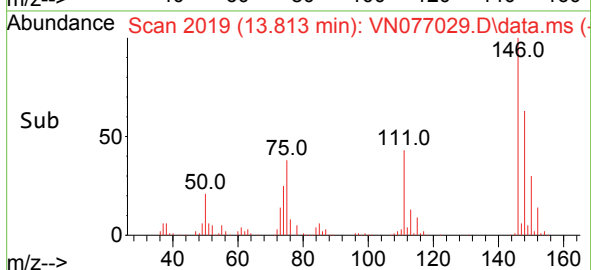
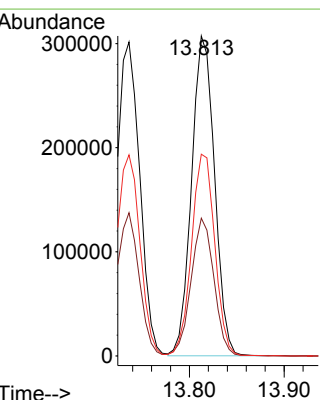
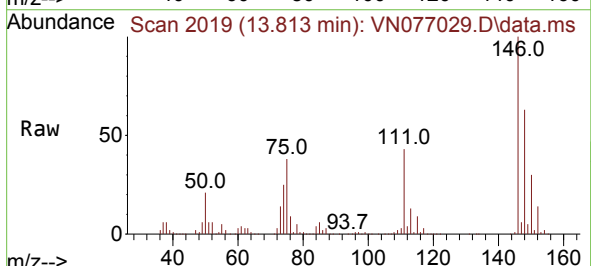
Tgt Ion:146 Resp: 517627

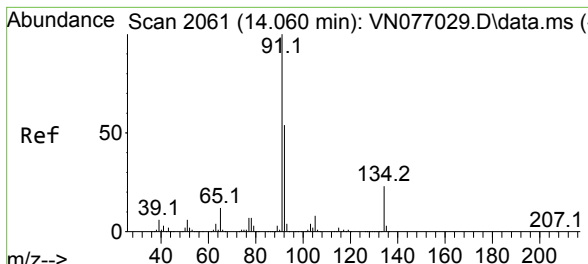
Ion Ratio Lower Upper

146 100

111 43.0 21.5 64.5

148 63.9 31.9 95.9

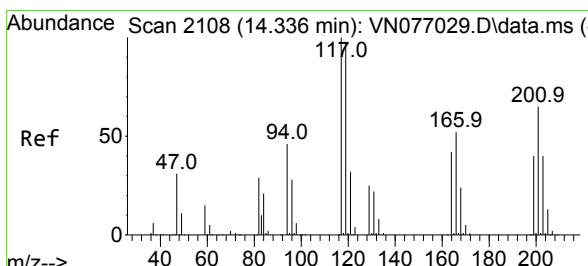
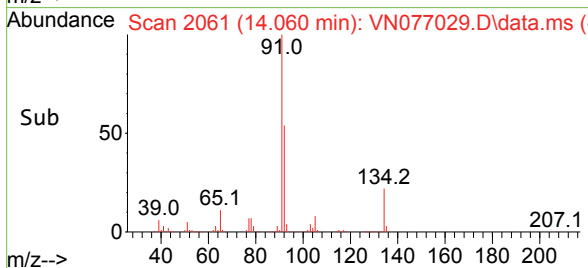
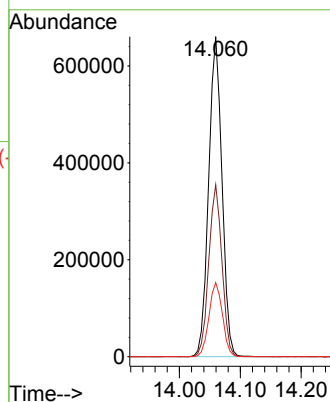
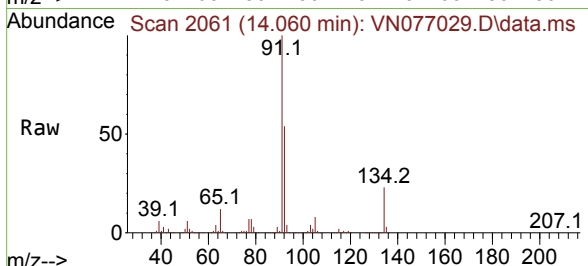




#89
n-Butylbenzene
Concen: 55.400 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

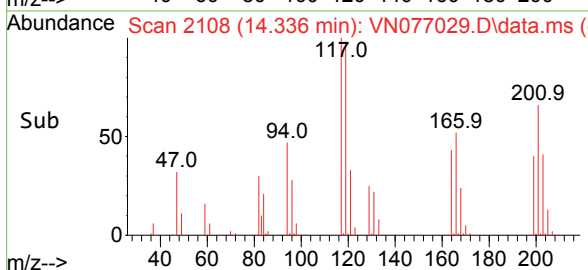
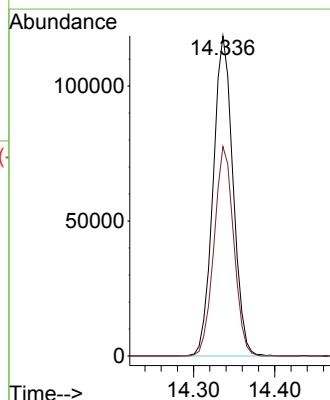
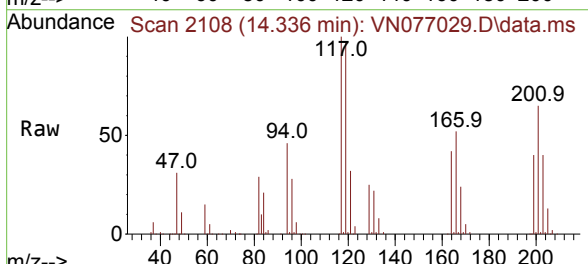
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

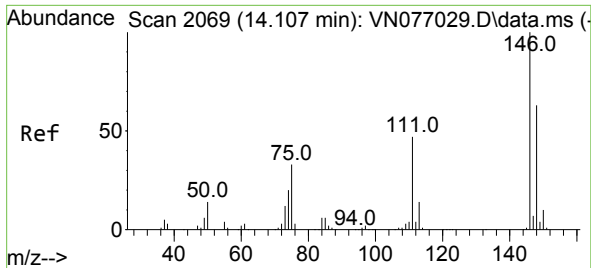
Tgt Ion: 91 Resp: 1004821
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 23.4 11.7 35.1



#90
Hexachloroethane
Concen: 47.946 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion: 117 Resp: 201540
Ion Ratio Lower Upper
117 100
201 64.9 32.5 97.4

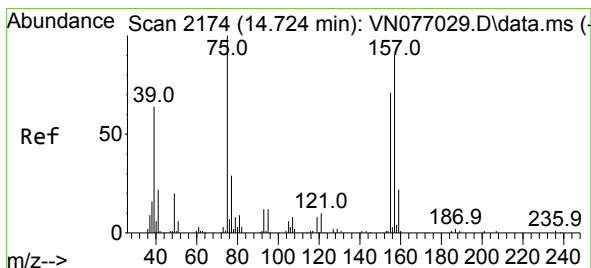
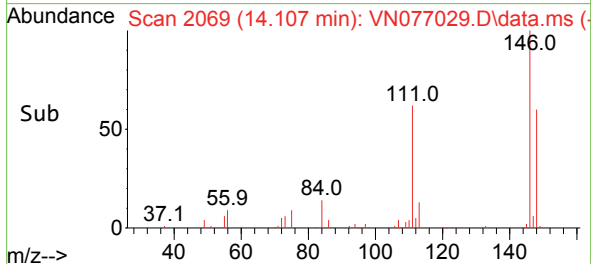
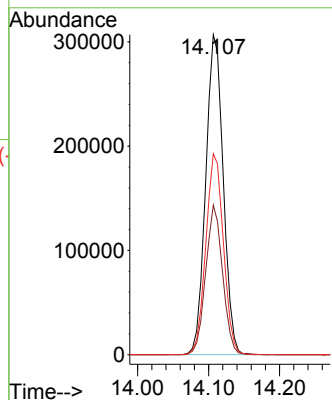
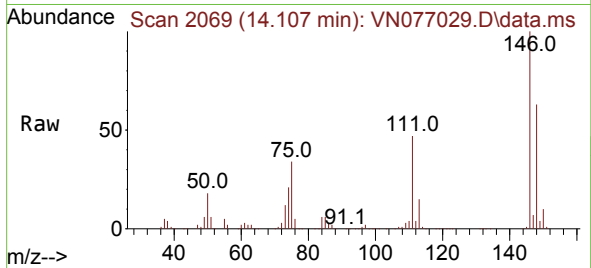




#91
 1,2-Dichlorobenzene
 Concen: 48.269 ug/l
 RT: 14.107 min Scan# 2069
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

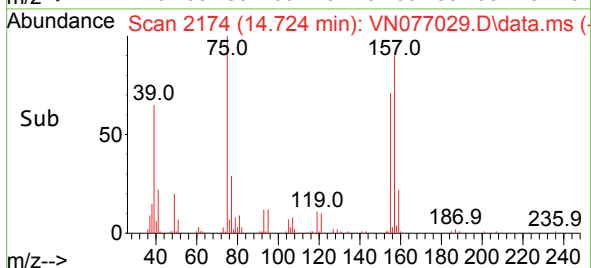
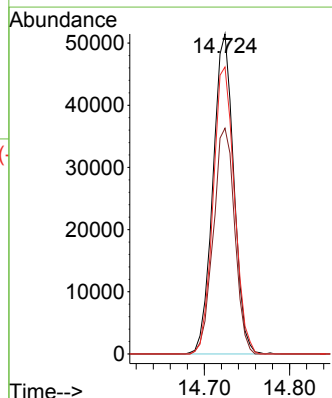
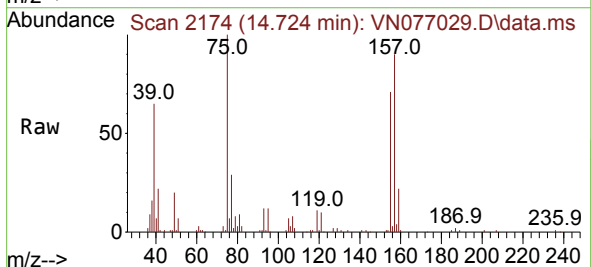
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

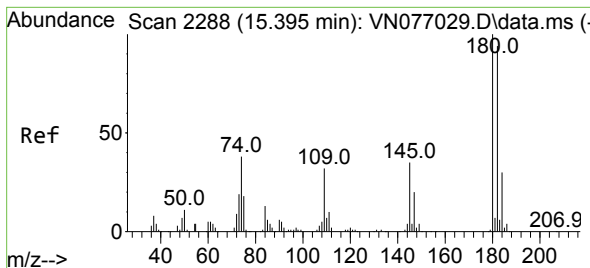
Tgt Ion:146 Resp: 525926
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.6 67.7
 148 63.3 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.489 ug/l
 RT: 14.724 min Scan# 2174
 Delta R.T. 0.000 min
 Lab File: VN077029.D
 Acq: 17 Mar 2023 11:25

Tgt Ion: 75 Resp: 87509
 Ion Ratio Lower Upper
 75 100
 155 72.2 36.1 108.3
 157 91.5 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 56.160 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

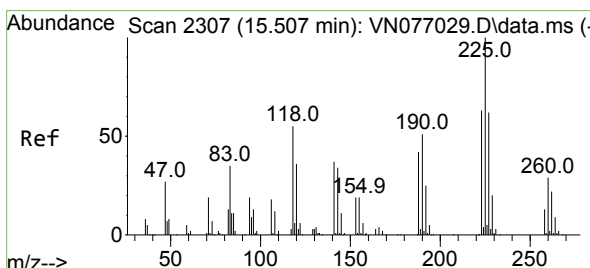
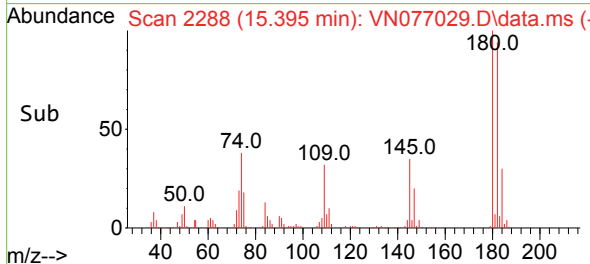
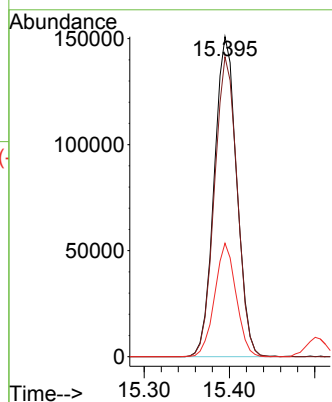
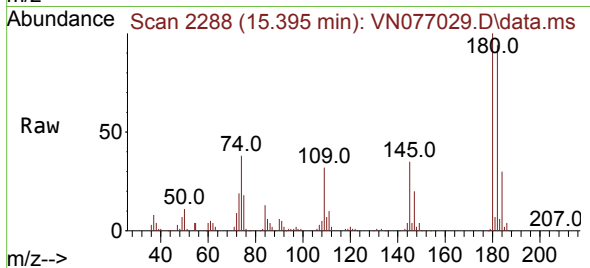
Tgt Ion:180 Resp: 276620

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

145 33.8 16.9 50.7



#94

Hexachlorobutadiene

Concen: 49.446 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. 0.000 min

Lab File: VN077029.D

Acq: 17 Mar 2023 11:25

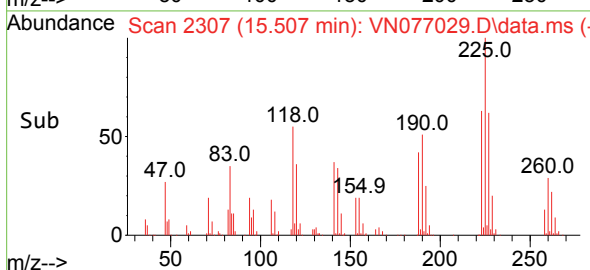
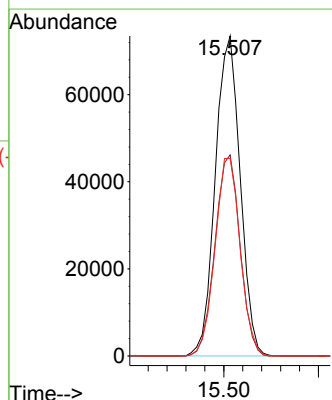
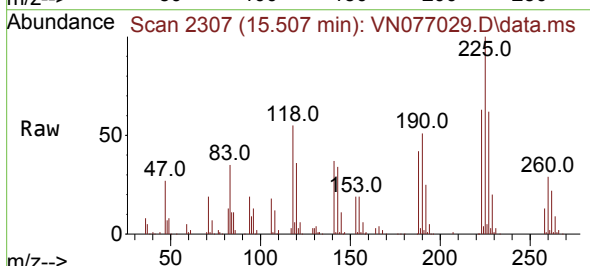
Tgt Ion:225 Resp: 134128

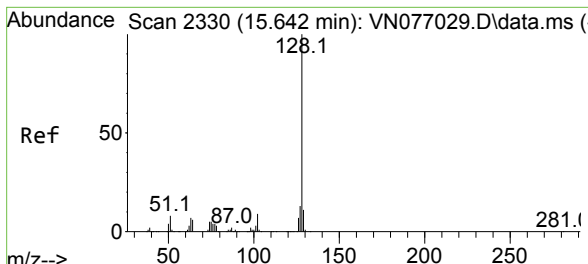
Ion Ratio Lower Upper

225 100

223 63.3 31.6 95.0

227 62.5 31.3 93.8

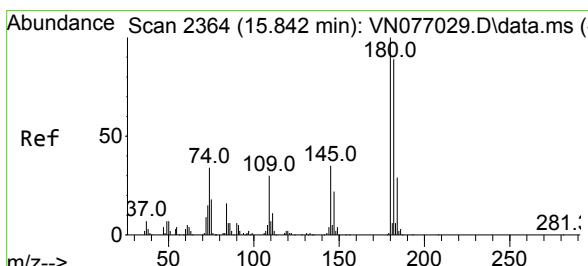
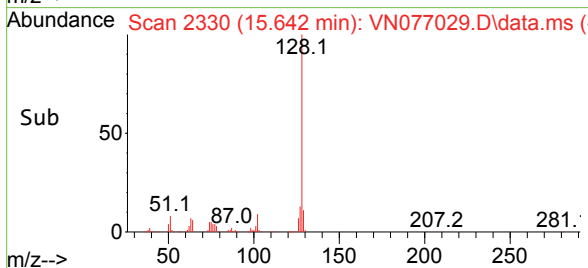
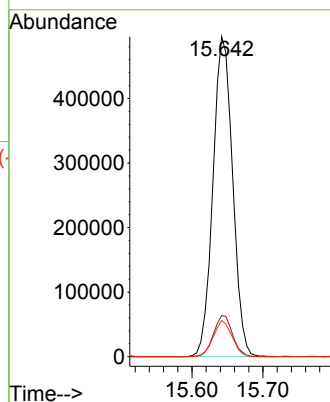
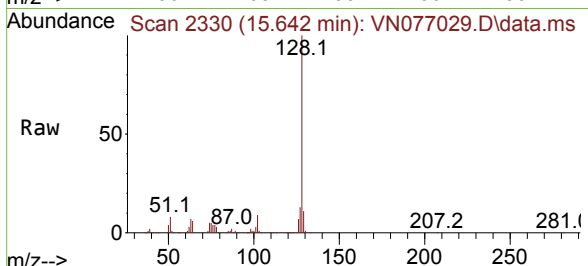




#95
Naphthalene
Concen: 49.755 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	128	Resp:	952190
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.0	15.0
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.170 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VN077029.D
Acq: 17 Mar 2023 11:25

Tgt Ion:	180	Resp:	267728
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.4	142.2
145	35.9	17.9	53.8

