

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
 Data File : VN077082.D
 Acq On : 21 Mar 2023 10:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 21 23:12:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	402025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	694282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	623541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	289175	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	322443	50.212	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.420%	
35) Dibromofluoromethane	8.172	113	247109	50.823	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.640%	
50) Toluene-d8	10.566	98	933000	53.719	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.440%	
62) 4-Bromofluorobenzene	12.854	95	352879	57.497	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	144135	37.658	ug/l	99
3) Chloromethane	2.378	50	165769	40.925	ug/l	98
4) Vinyl Chloride	2.531	62	198814	45.472	ug/l	97
5) Bromomethane	2.948	94	139995	47.404	ug/l	98
6) Chloroethane	3.125	64	165552	59.840	ug/l	97
7) Trichlorofluoromethane	3.507	101	461236	49.037	ug/l	100
8) Diethyl Ether	3.972	74	180877	51.097	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	264567	49.586	ug/l	99
10) Methyl Iodide	4.601	142	315493	52.500	ug/l	98
11) Tert butyl alcohol	5.536	59	210209	224.643	ug/l	99
12) 1,1-Dichloroethene	4.348	96	242491	49.682	ug/l	96
13) Acrolein	4.190	56	287610	248.500	ug/l	97
14) Allyl chloride	5.031	41	444103	49.701	ug/l	98
15) Acrylonitrile	5.731	53	752578	239.234	ug/l	99
16) Acetone	4.437	43	780025	272.609	ug/l	99
17) Carbon Disulfide	4.725	76	657412	46.192	ug/l	100
18) Methyl Acetate	5.037	43	506115	46.907	ug/l	97
19) Methyl tert-butyl Ether	5.807	73	900417	51.401	ug/l	98
20) Methylene Chloride	5.289	84	296183	47.695	ug/l	98
21) trans-1,2-Dichloroethene	5.801	96	265936	50.269	ug/l	98
22) Diisopropyl ether	6.683	45	1004584	51.313	ug/l	98
23) Vinyl Acetate	6.613	43	3134312	253.705	ug/l	99
24) 1,1-Dichloroethane	6.578	63	547223	48.847	ug/l	99
25) 2-Butanone	7.489	43	1013479	242.127	ug/l	99
26) 2,2-Dichloropropane	7.495	77	448112	53.162	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	321259	53.021	ug/l	98
28) Bromochloromethane	7.819	49	224663	46.179	ug/l	99
29) Tetrahydrofuran	7.842	42	649141	239.325	ug/l	99
30) Chloroform	7.972	83	545261	50.147	ug/l	99
31) Cyclohexane	8.260	56	490795	46.713	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	480628	51.717	ug/l	99
36) 1,1-Dichloropropene	8.377	75	405637	53.414	ug/l	98
37) Ethyl Acetate	7.566	43	404049	49.727	ug/l	99
38) Carbon Tetrachloride	8.366	117	395189	53.425	ug/l	99
39) Methylcyclohexane	9.607	83	501202	56.384	ug/l	99
40) Benzene	8.613	78	1207865	52.444	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	234380	53.545	ug/l	98
42) 1,2-Dichloroethane	8.677	62	427384	51.353	ug/l	99
43) Isopropyl Acetate	8.689	43	654506	51.564	ug/l	98
44) Trichloroethene	9.354	130	276572	52.279	ug/l	96
45) 1,2-Dichloropropane	9.624	63	321532	52.563	ug/l	100
46) Dibromomethane	9.713	93	199797	51.790	ug/l	98
47) Bromodichloromethane	9.889	83	429076	53.030	ug/l	98
48) Methyl methacrylate	9.683	41	325486	53.638	ug/l	99
49) 1,4-Dioxane	9.695	88	97838	943.993	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	2006434	253.842	ug/l	99
52) Toluene	10.630	92	751693	54.662	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	464393	58.560	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	507747	56.747	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	291864	53.823	ug/l	99
56) Ethyl methacrylate	10.877	69	465652	57.106	ug/l	98
57) 1,3-Dichloropropane	11.166	76	519617	52.338	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	729130	209.740	ug/l	100
59) 2-Hexanone	11.195	43	1500938	261.804	ug/l	100
60) Dibromochloromethane	11.360	129	303422	55.703	ug/l	99
61) 1,2-Dibromoethane	11.471	107	287587	53.480	ug/l	98
64) Tetrachloroethene	11.107	164	223379	53.378	ug/l	97
65) Chlorobenzene	11.895	112	760829	53.031	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	288097	54.269	ug/l	99
67) Ethyl Benzene	11.965	91	1465295	56.229	ug/l	99
68) m/p-Xylenes	12.071	106	1094647	113.264	ug/l	99
69) o-Xylene	12.401	106	537851	56.009	ug/l	98
70) Styrene	12.413	104	902764	60.383	ug/l	99
71) Bromoform	12.583	173	206679	57.454	ug/l #	99
73) Isopropylbenzene	12.701	105	1437552	55.472	ug/l	99
74) N-amyl acetate	12.495	43	576733	51.416	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	437219	46.569	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	550075	73.540	ug/l	46
77) Bromobenzene	12.983	156	301898	52.004	ug/l	94
78) n-propylbenzene	13.036	91	1719895	57.491	ug/l	100
79) 2-Chlorotoluene	13.130	91	1030505	54.060	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1234810	57.071	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	160040	58.894	ug/l	89
82) 4-Chlorotoluene	13.224	91	1012613	55.863	ug/l	100
83) tert-Butylbenzene	13.442	119	1018617	56.072	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1228983	56.919	ug/l	99
85) sec-Butylbenzene	13.618	105	1503667	58.188	ug/l	99
86) p-Isopropyltoluene	13.730	119	1236729	59.595	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	576596	52.552	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	579468	53.083	ug/l	99
89) n-Butylbenzene	14.059	91	1117482	61.382	ug/l	100
90) Hexachloroethane	14.336	117	221817	52.573	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	572587	52.355	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	84694	48.683	ug/l	97
93) 1,2,4-Trichlorobenzene	15.395	180	304275	61.544	ug/l	99
94) Hexachlorobutadiene	15.506	225	152725	56.092	ug/l	98
95) Naphthalene	15.642	128	979474	50.943	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	293378	59.139	ug/l	100

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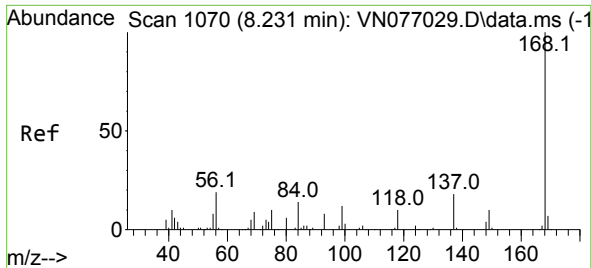
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Quant Title : SW846 8260
QLast Update : Mon Mar 20 08:50:30 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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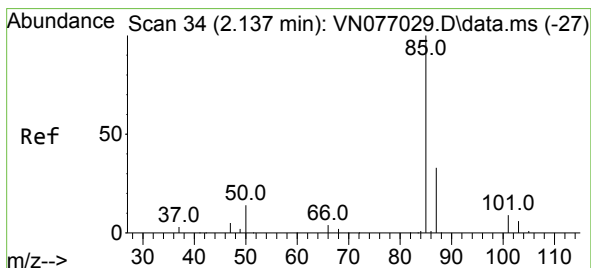
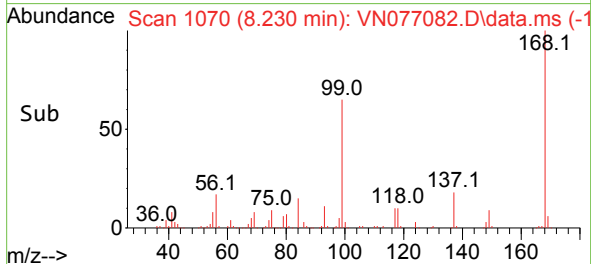
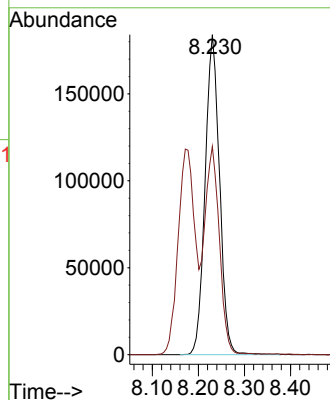
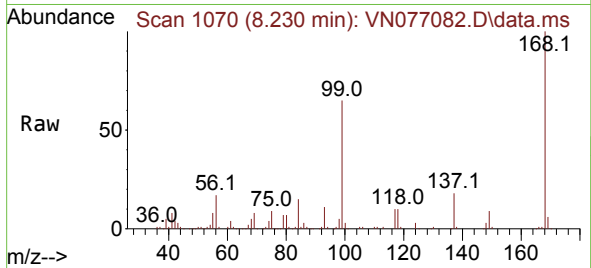




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
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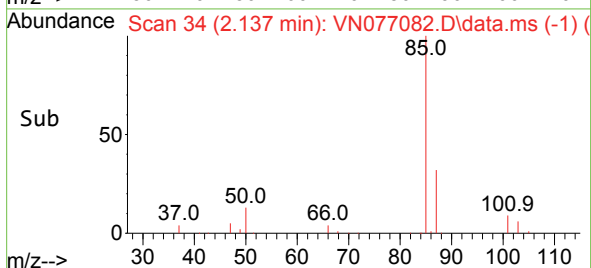
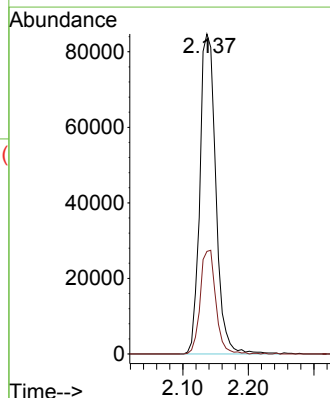
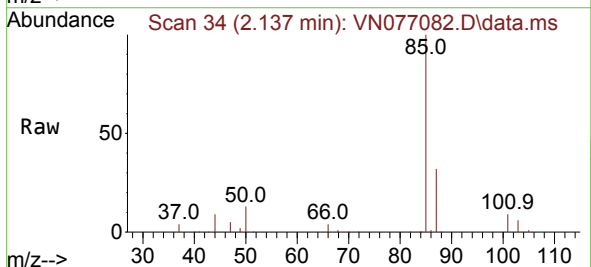
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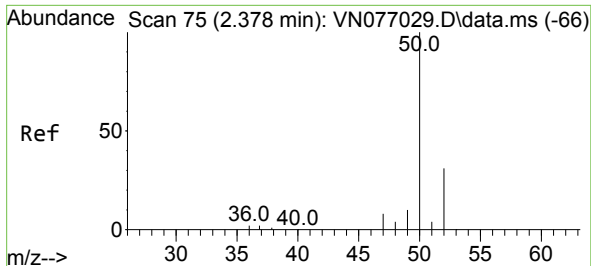
Tgt Ion:168 Resp: 402025
Ion Ratio Lower Upper
168 100
99 64.9 53.9 80.9



#2
Dichlorodifluoromethane
Concen: 37.658 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 85 Resp: 144135
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.2

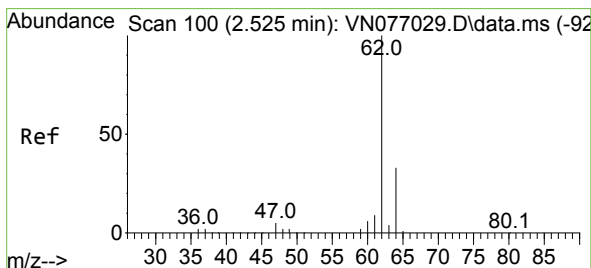
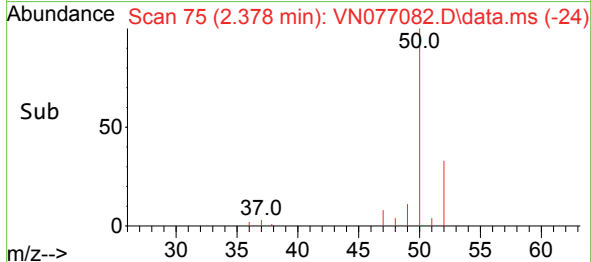
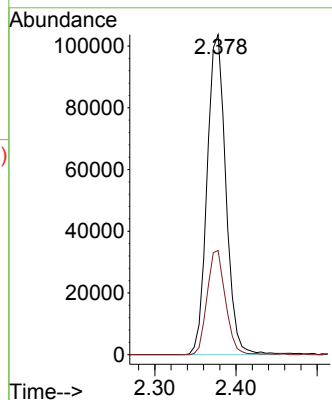
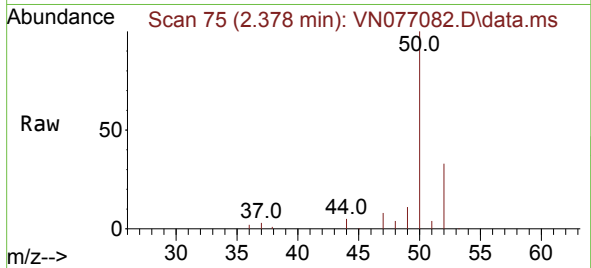




#3
Chloromethane
Concen: 40.925 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN077082.D
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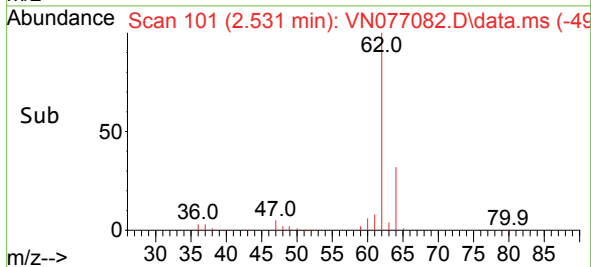
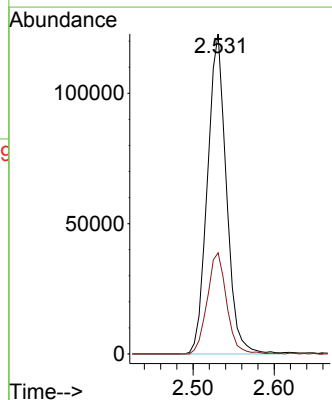
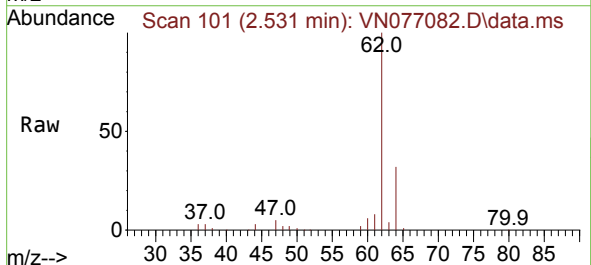
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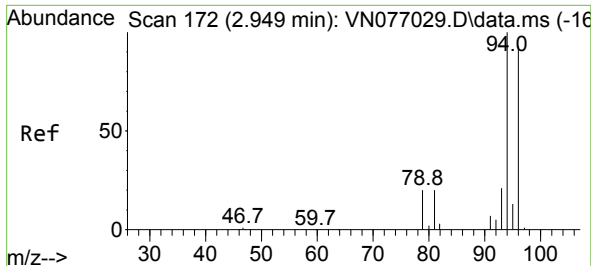
Tgt Ion: 50 Resp: 165769
Ion Ratio Lower Upper
50 100
52 32.6 25.1 37.7



#4
Vinyl Chloride
Concen: 45.472 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 62 Resp: 198814
Ion Ratio Lower Upper
62 100
64 31.6 26.6 40.0

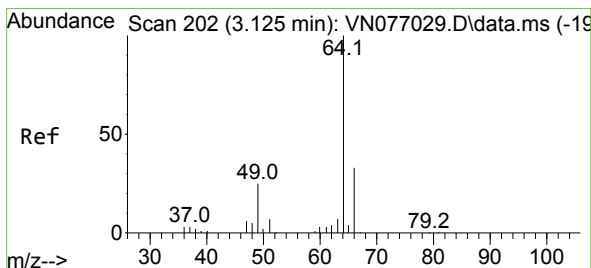
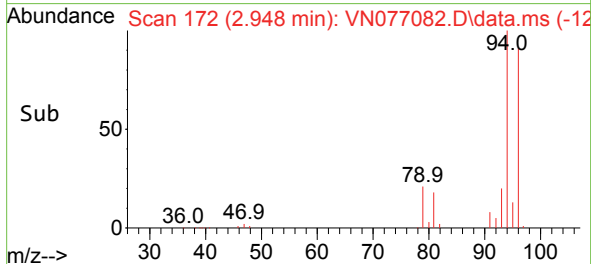
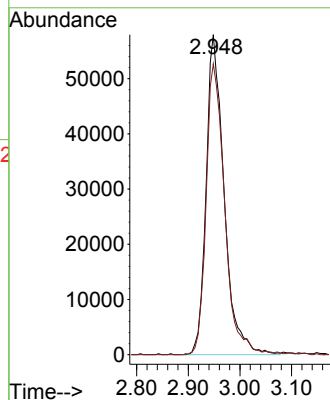
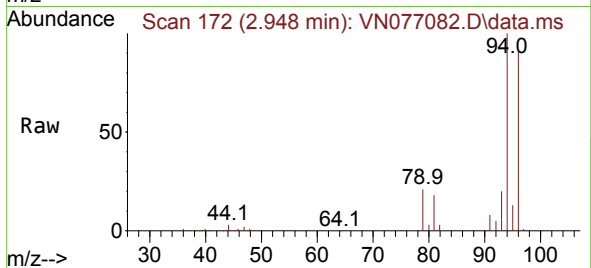




#5
Bromomethane
Concen: 47.404 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

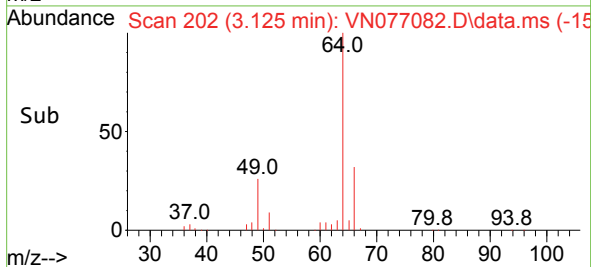
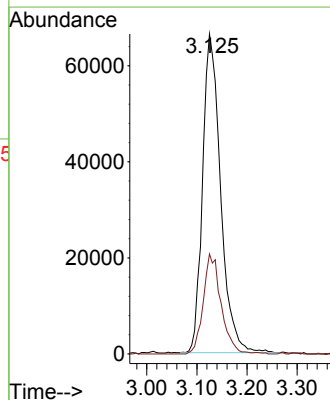
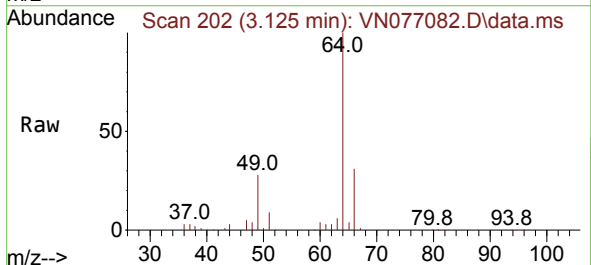
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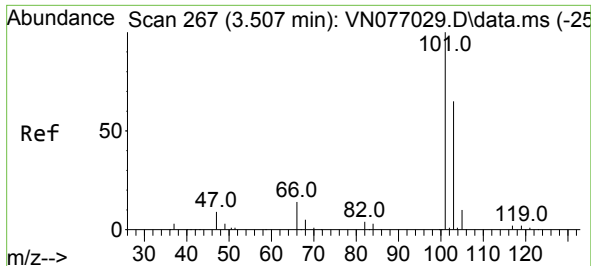
Tgt Ion: 94 Resp: 139995
Ion Ratio Lower Upper
94 100
96 90.9 74.1 111.1



#6
Chloroethane
Concen: 59.840 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 64 Resp: 165552
Ion Ratio Lower Upper
64 100
66 31.4 26.3 39.5

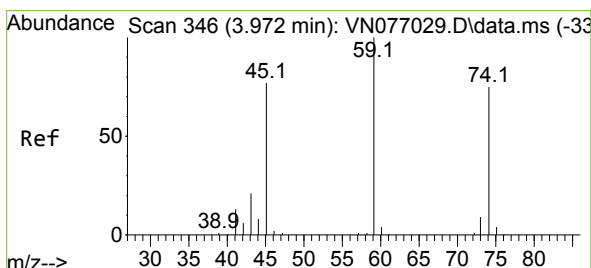
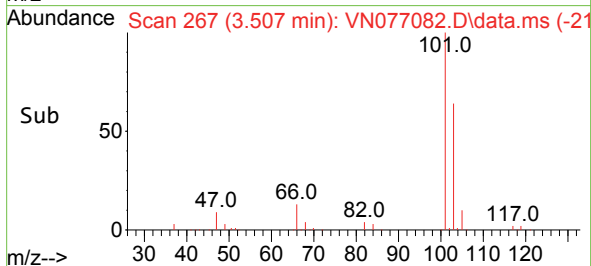
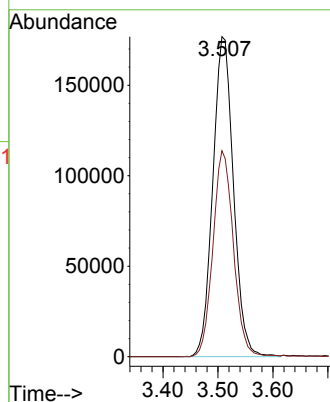
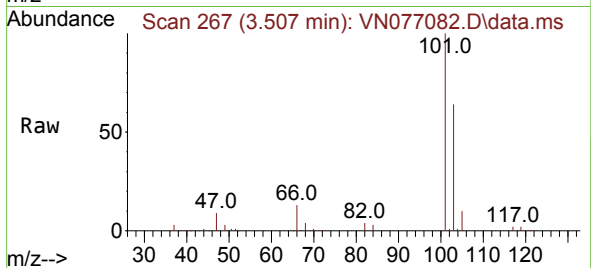




#7
 Trichlorofluoromethane
 Concen: 49.037 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. 0.000 min
 Lab File: VN077082.D
 Acq: 21 Mar 2023 10:48

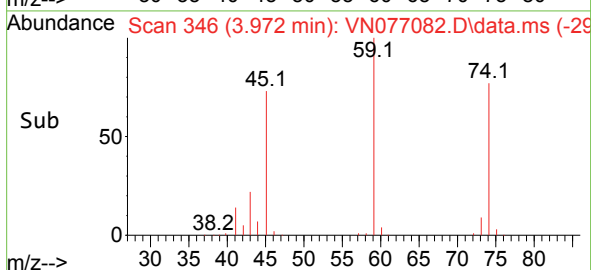
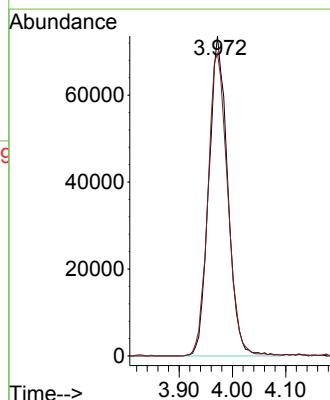
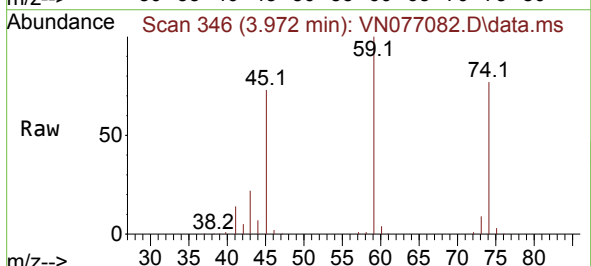
Instrument :
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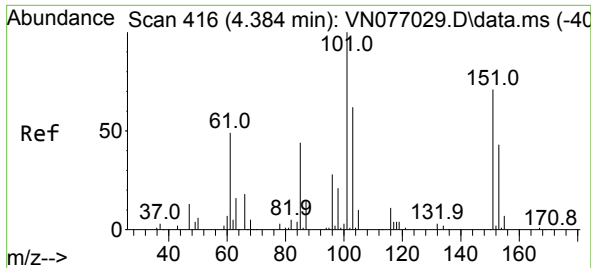
Tgt Ion:101 Resp: 461236
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.8 77.6



#8
 Diethyl Ether
 Concen: 51.097 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN077082.D
 Acq: 21 Mar 2023 10:48

Tgt Ion: 74 Resp: 180877
 Ion Ratio Lower Upper
 74 100
 45 99.4 50.8 152.5

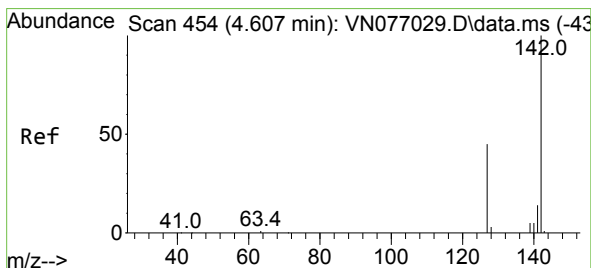
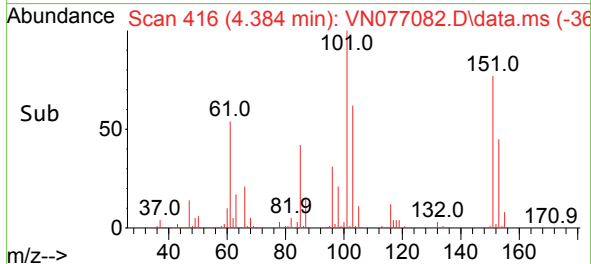
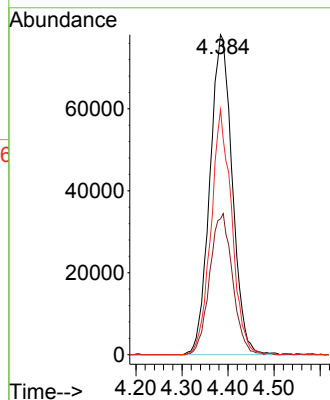
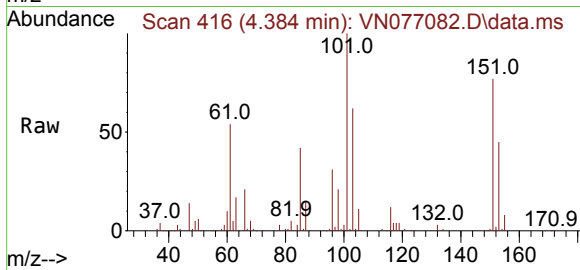




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.586 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077082.D
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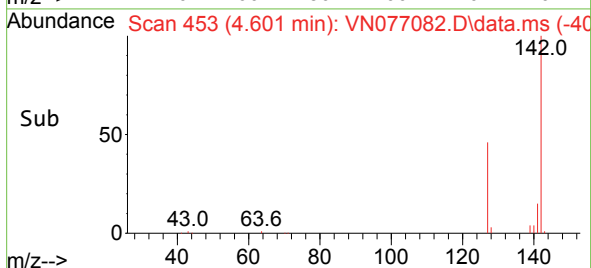
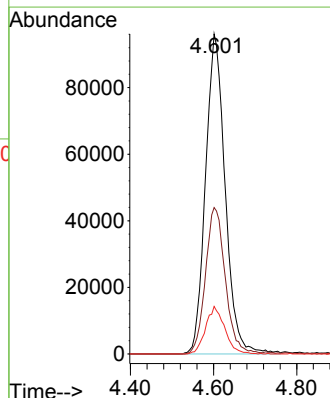
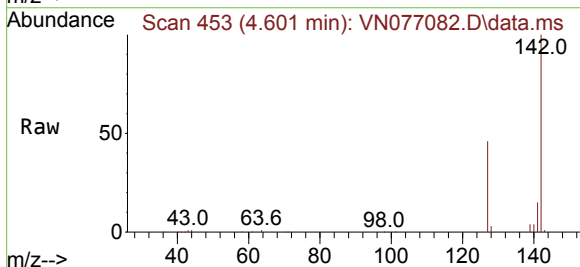
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

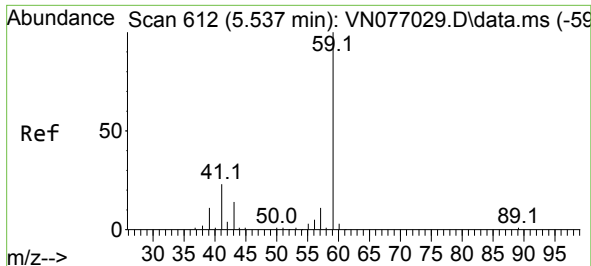
Tgt Ion:101 Resp: 264567
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 70.8 56.9 85.3



#10
Methyl Iodide
Concen: 52.500 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion:142 Resp: 315493
Ion Ratio Lower Upper
142 100
127 45.7 36.1 54.1
141 14.8 10.8 16.2

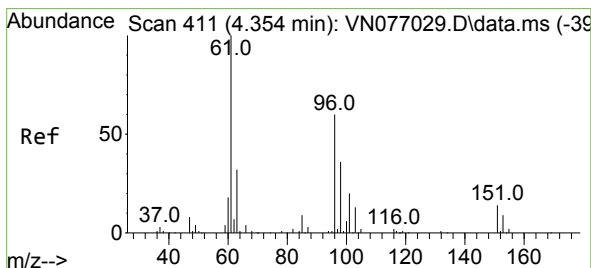
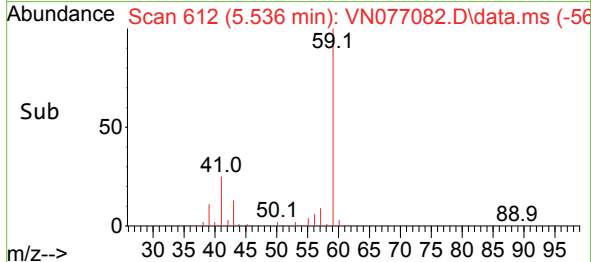
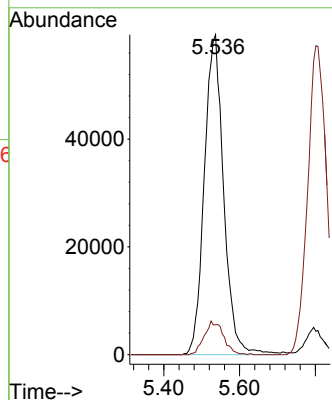
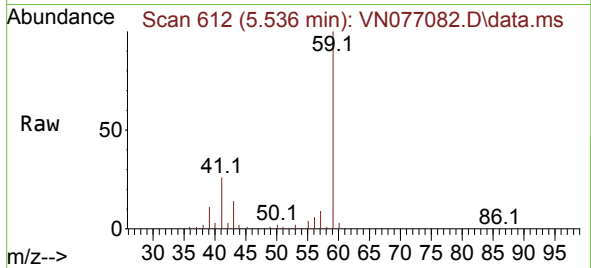




#11
Tert butyl alcohol
Concen: 224.643 ug/l
RT: 5.536 min Scan# 612
Delta R.T. -0.001 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

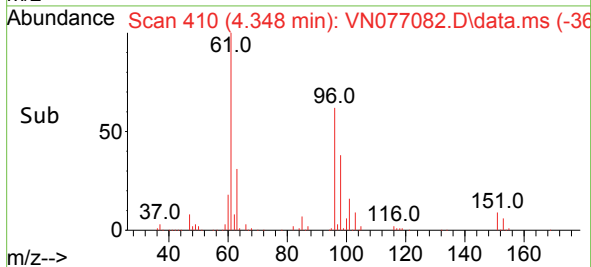
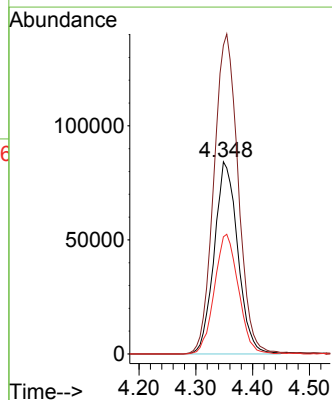
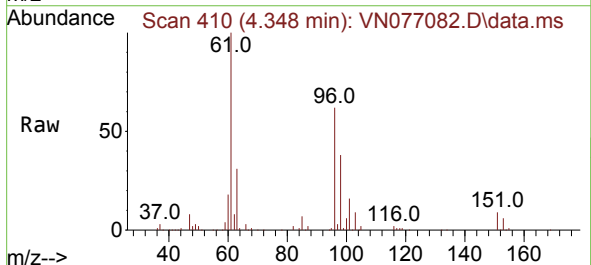
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

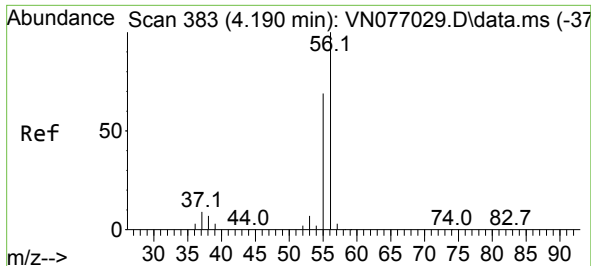
Tgt Ion: 59 Resp: 210209
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 49.682 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 96 Resp: 242491
Ion Ratio Lower Upper
96 100
61 160.6 133.8 200.8
98 60.9 48.6 72.8

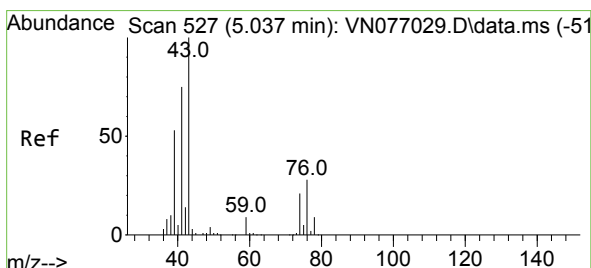
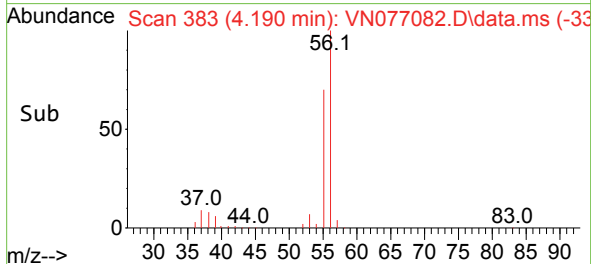
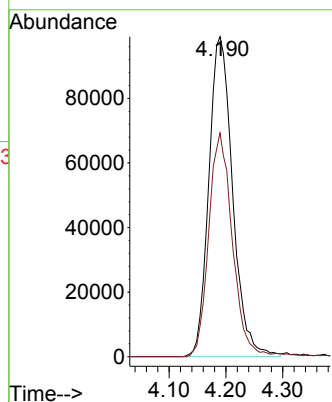
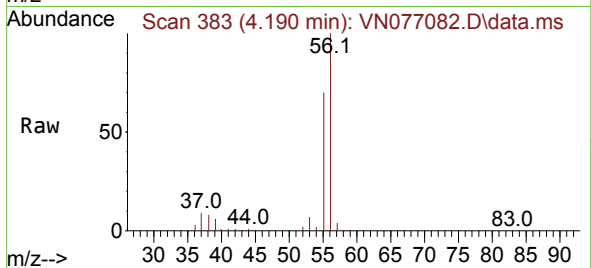




#13
Acrolein
Concen: 248.500 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

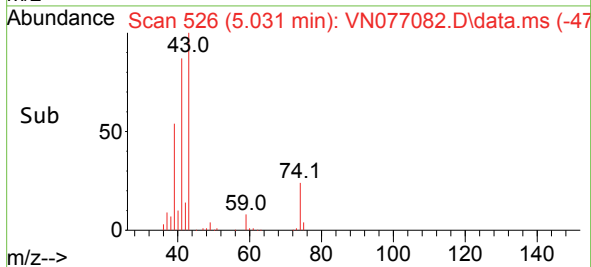
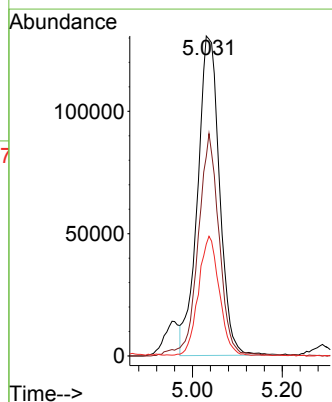
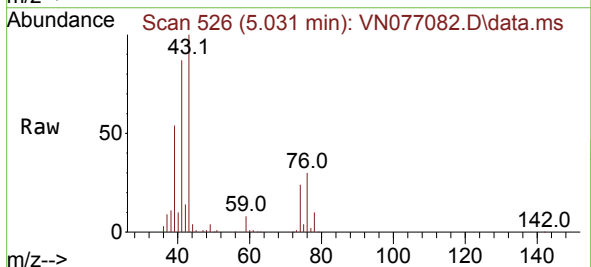
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

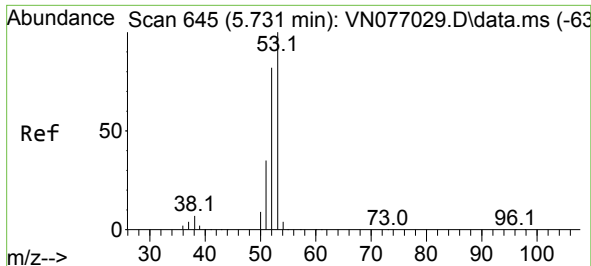
Tgt Ion: 56 Resp: 287610
Ion Ratio Lower Upper
56 100
55 69.0 57.0 85.6



#14
Allyl chloride
Concen: 49.701 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 41 Resp: 444103
Ion Ratio Lower Upper
41 100
39 66.7 53.8 80.8
76 35.1 26.7 40.1

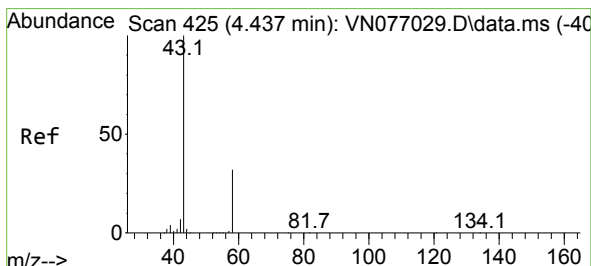
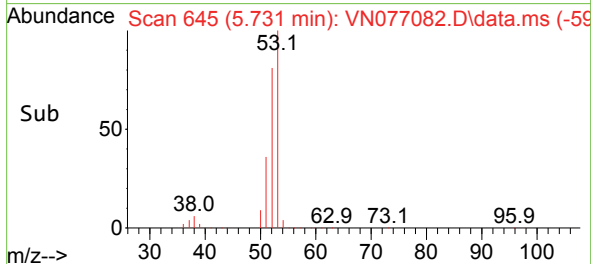
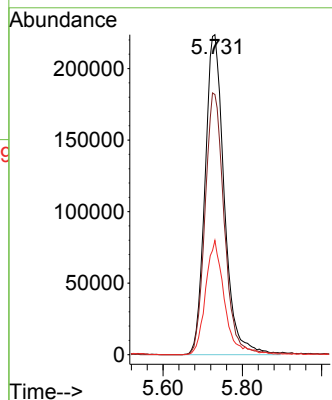
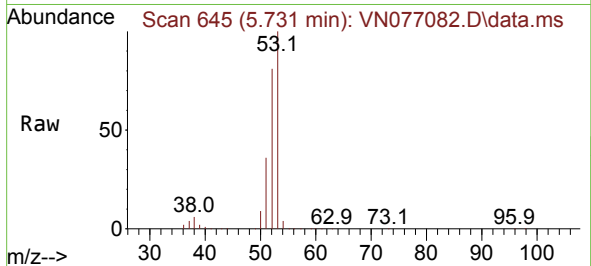




#15
Acrylonitrile
Concen: 239.234 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

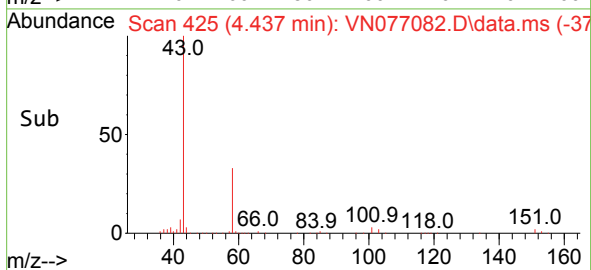
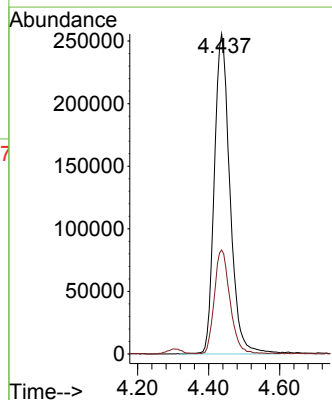
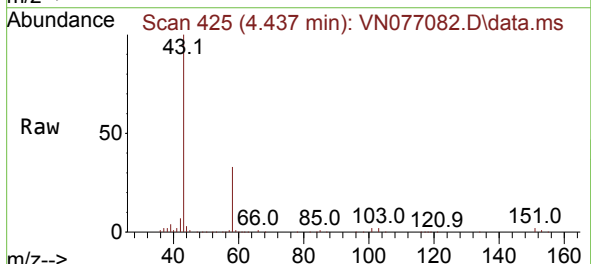
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

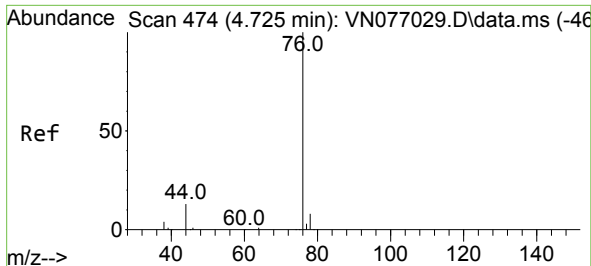
Tgt Ion: 53 Resp: 752578
Ion Ratio Lower Upper
53 100
52 81.8 64.6 97.0
51 35.4 28.3 42.5



#16
Acetone
Concen: 272.609 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 43 Resp: 780025
Ion Ratio Lower Upper
43 100
58 32.4 25.4 38.0

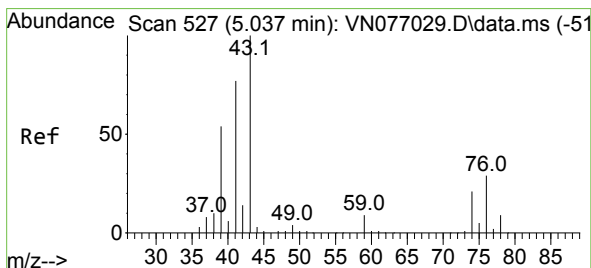
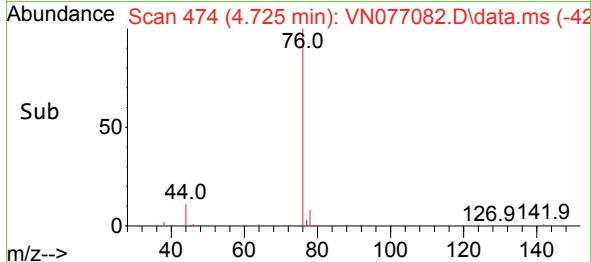
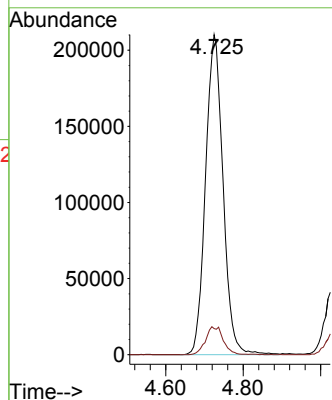
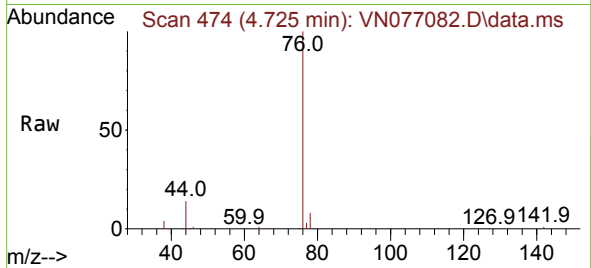




#17
Carbon Disulfide
Concen: 46.192 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

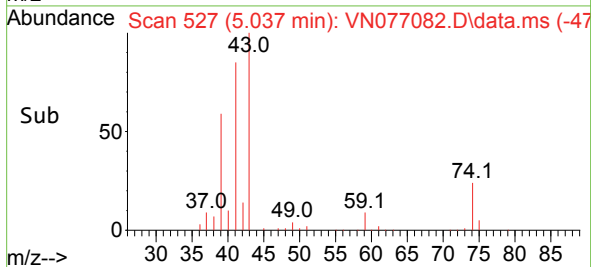
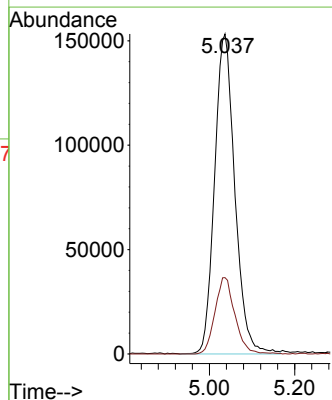
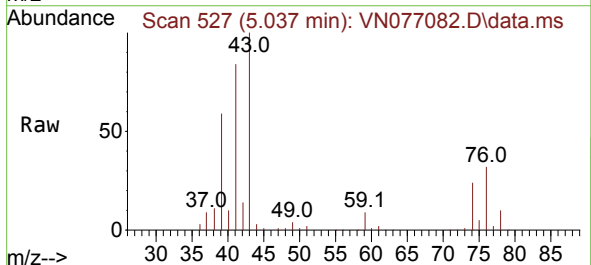
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

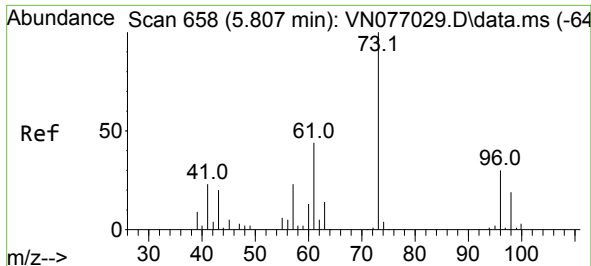
Tgt Ion: 76 Resp: 657412
Ion Ratio Lower Upper
76 100
78 8.2 6.6 10.0



#18
Methyl Acetate
Concen: 46.907 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 43 Resp: 506115
Ion Ratio Lower Upper
43 100
74 23.4 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 51.401 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Instrument :

MSVOA_N

ClientSampleId :

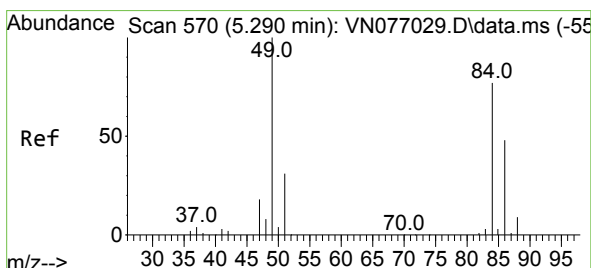
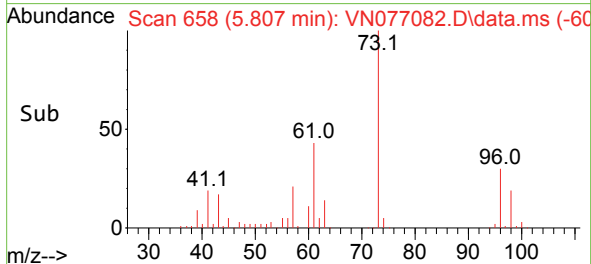
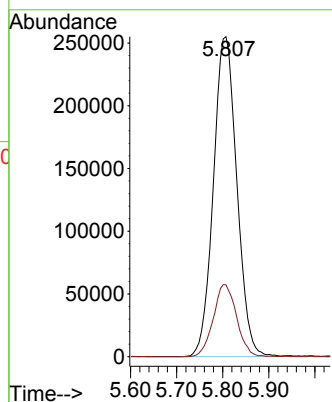
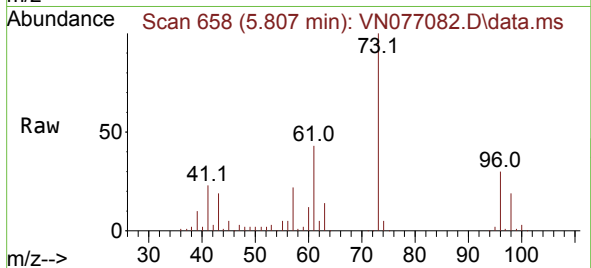
VSTDCCC050

Tgt Ion: 73 Resp: 900417

Ion Ratio Lower Upper

73 100

57 22.4 18.7 28.1



#20

Methylene Chloride

Concen: 47.695 ug/l

RT: 5.289 min Scan# 570

Delta R.T. -0.001 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Tgt Ion: 84 Resp: 296183

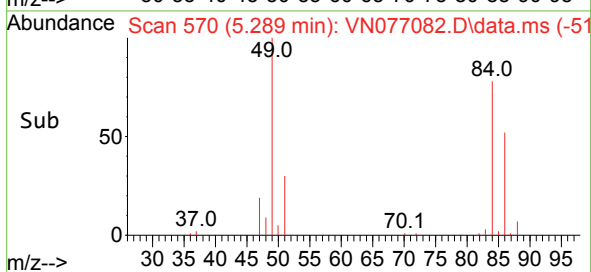
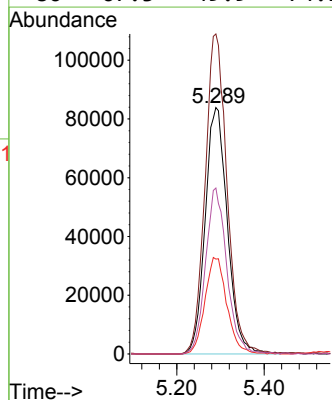
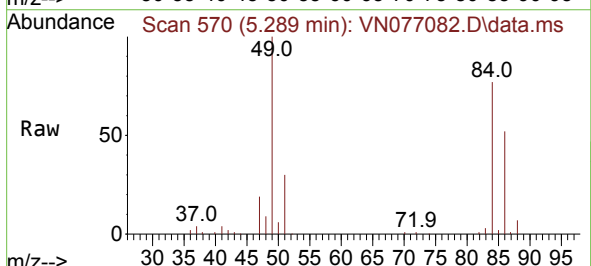
Ion Ratio Lower Upper

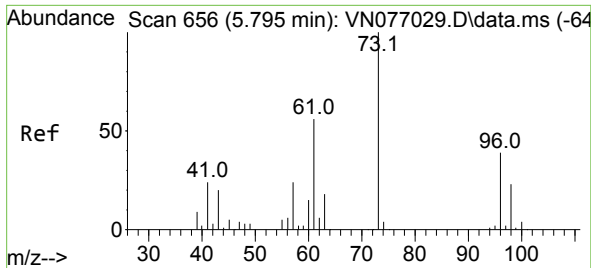
84 100

49 129.8 103.8 155.6

51 38.5 32.3 48.5

86 67.3 49.9 74.9

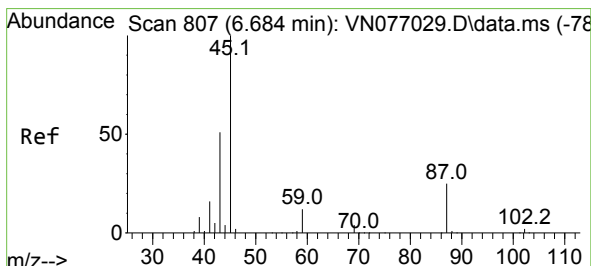
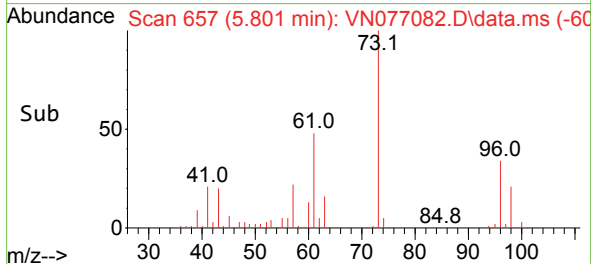
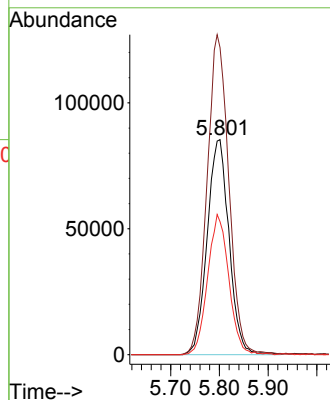
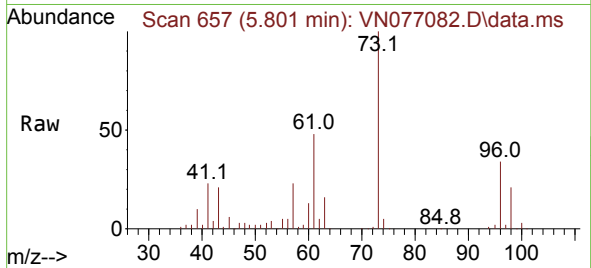




#21
trans-1,2-Dichloroethene
Concen: 50.269 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

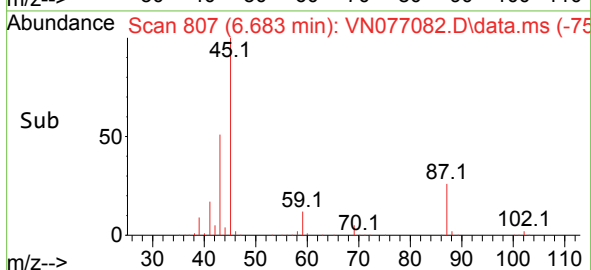
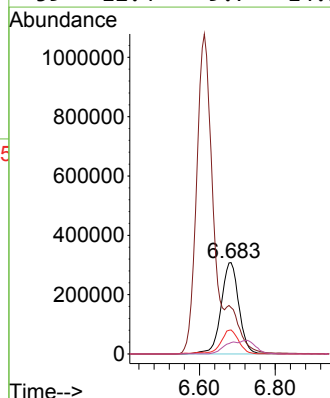
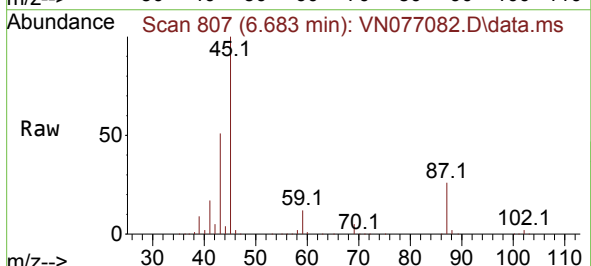
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

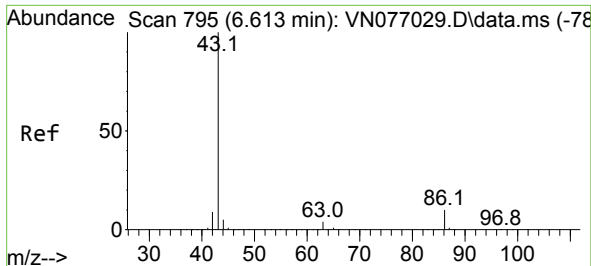
Tgt Ion: 96 Resp: 265936
Ion Ratio Lower Upper
96 100
61 142.8 115.8 173.6
98 61.8 48.2 72.2



#22
Diisopropyl ether
Concen: 51.313 ug/l
RT: 6.683 min Scan# 807
Delta R.T. -0.001 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 45 Resp: 1004584
Ion Ratio Lower Upper
45 100
43 50.3 41.5 62.3
87 26.2 20.6 30.8
59 12.4 9.7 14.5

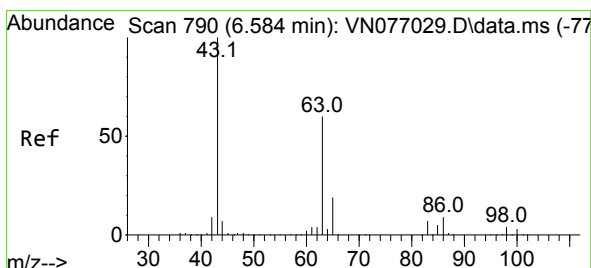
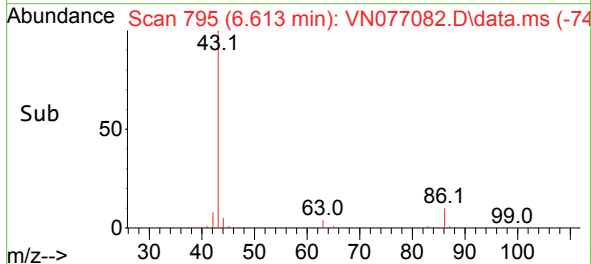
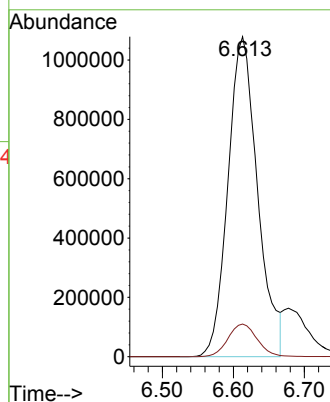
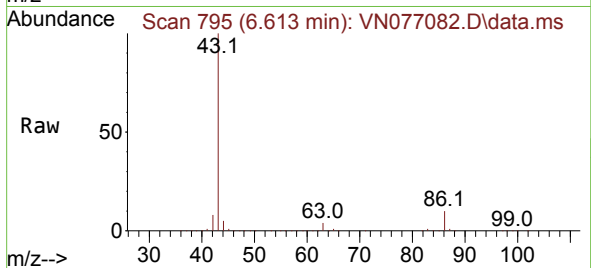




#23
 Vinyl Acetate
 Concen: 253.705 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077082.D
 Acq: 21 Mar 2023 10:48

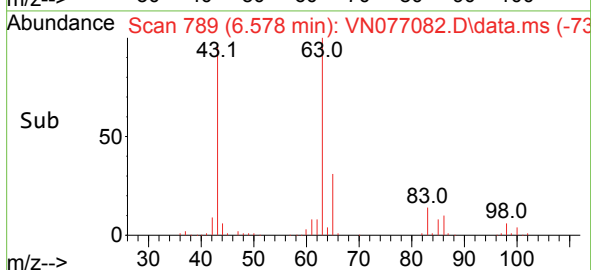
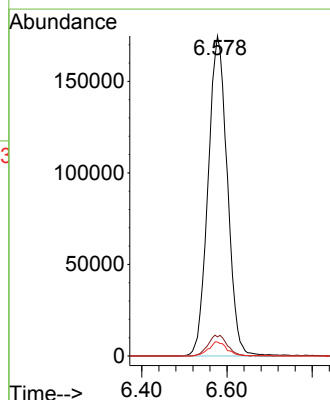
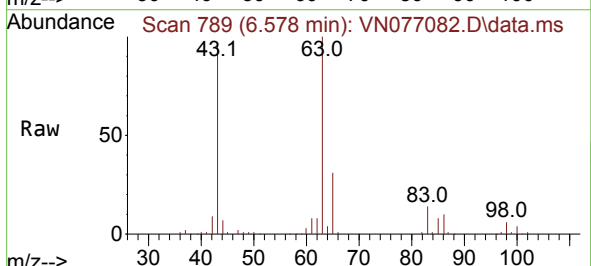
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

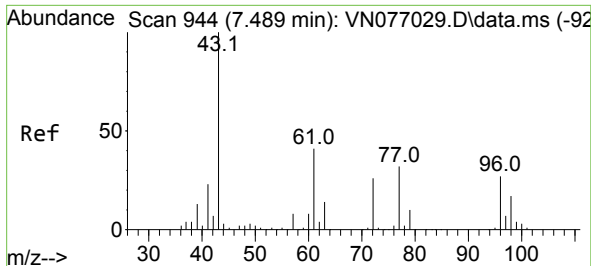
Tgt Ion: 43 Resp: 3134312
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 48.847 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077082.D
 Acq: 21 Mar 2023 10:48

Tgt Ion: 63 Resp: 547223
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.1 9.4
 100 4.3 2.1 6.3

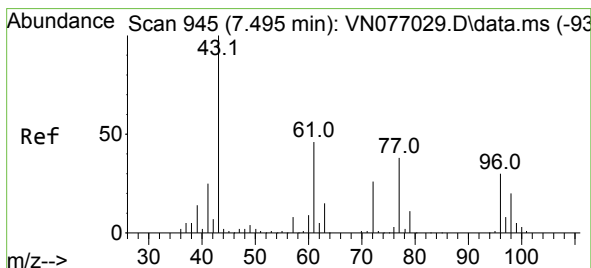
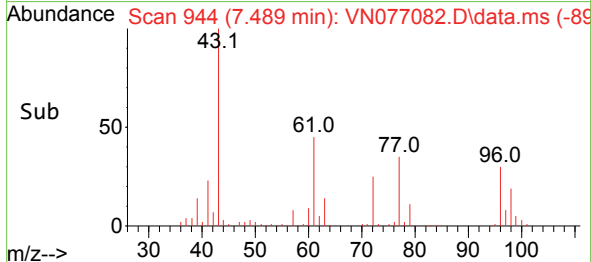
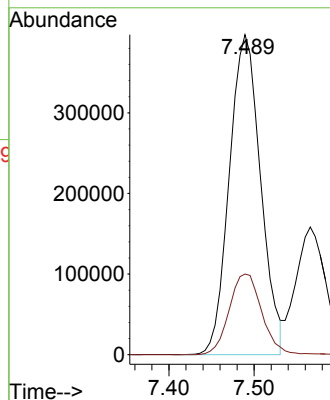
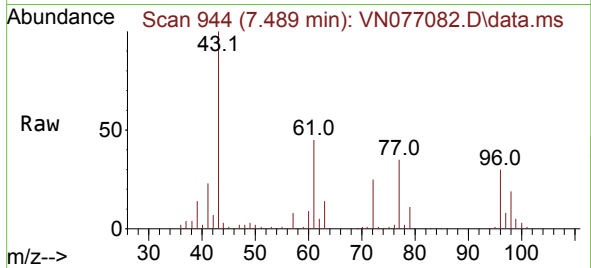




#25
2-Butanone
Concen: 242.127 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

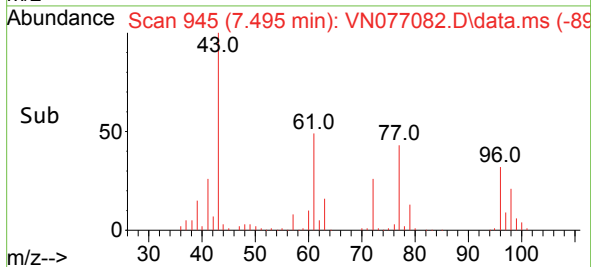
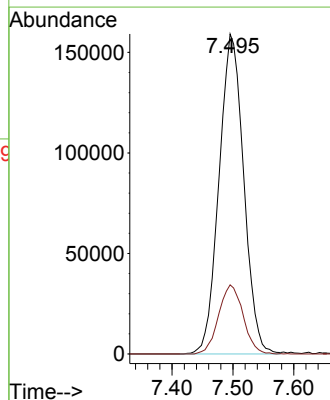
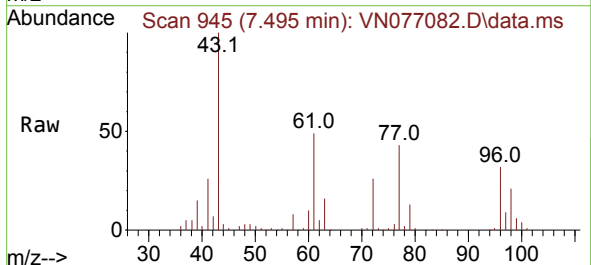
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

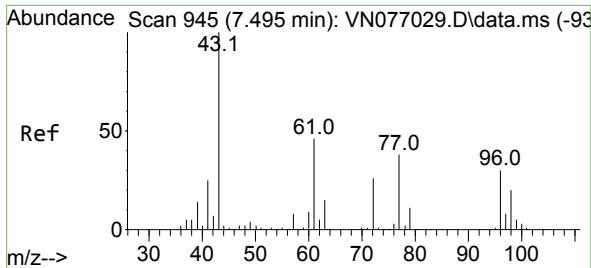
Tgt Ion: 43 Resp: 1013479
Ion Ratio Lower Upper
43 100
72 25.2 20.7 31.1



#26
2,2-Dichloropropane
Concen: 53.162 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 77 Resp: 448112
Ion Ratio Lower Upper
77 100
97 21.4 10.9 32.9

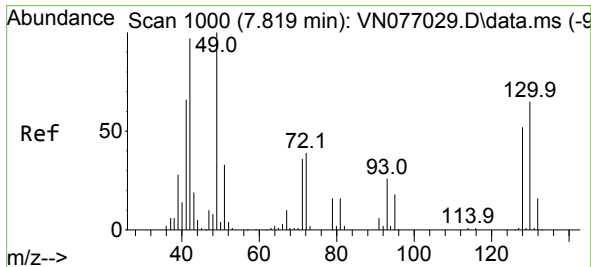
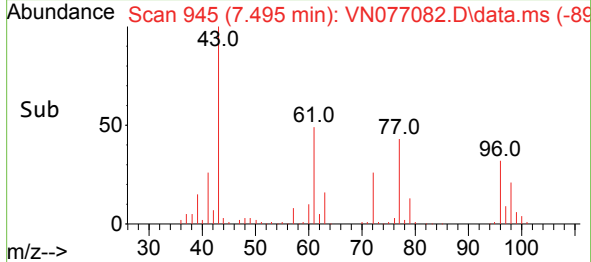
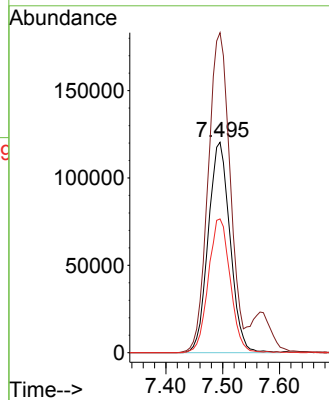
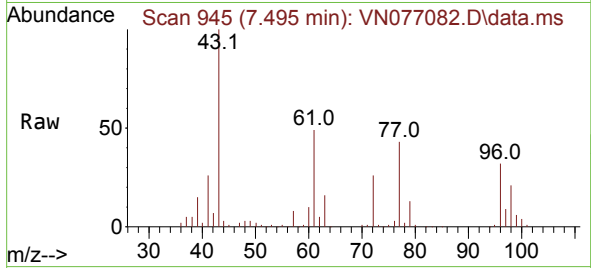




#27
 cis-1,2-Dichloroethene
 Concen: 53.021 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077082.D
 Acq: 21 Mar 2023 10:48

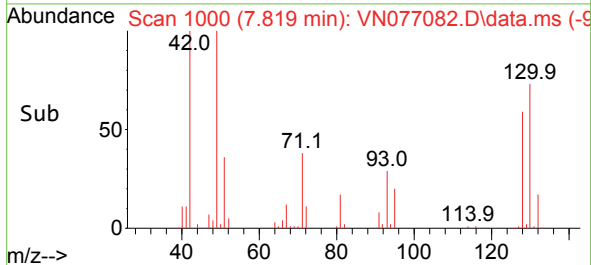
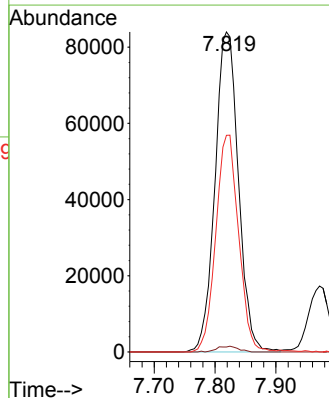
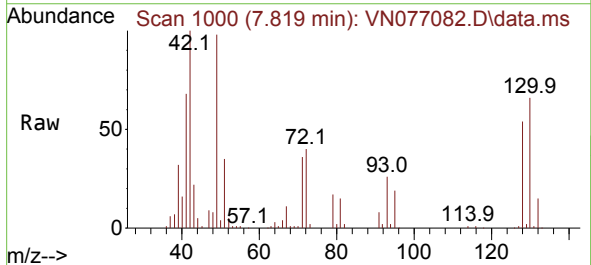
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

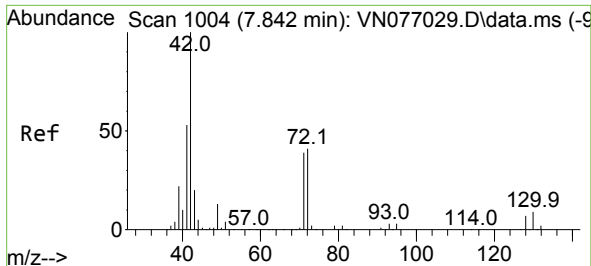
Tgt Ion: 96 Resp: 321259
 Ion Ratio Lower Upper
 96 100
 61 154.2 0.0 315.4
 98 63.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 46.179 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077082.D
 Acq: 21 Mar 2023 10:48

Tgt Ion: 49 Resp: 224663
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 65.9 51.9 77.9

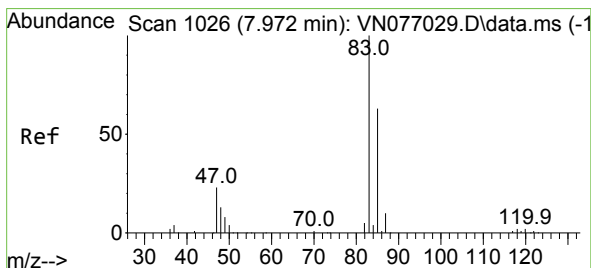
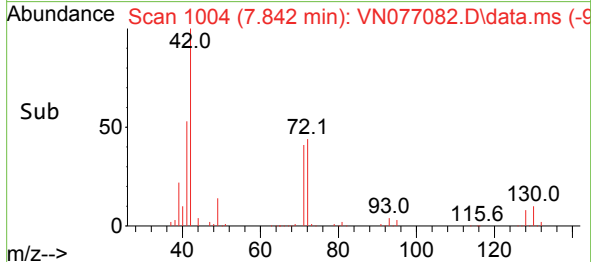
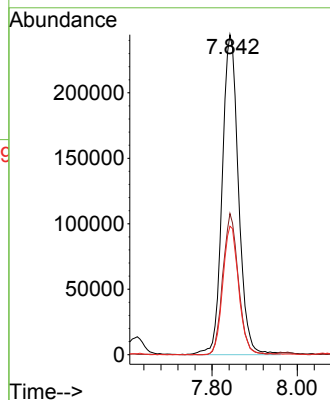
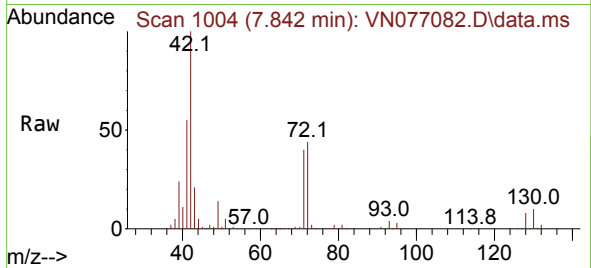




#29
Tetrahydrofuran
Concen: 239.325 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

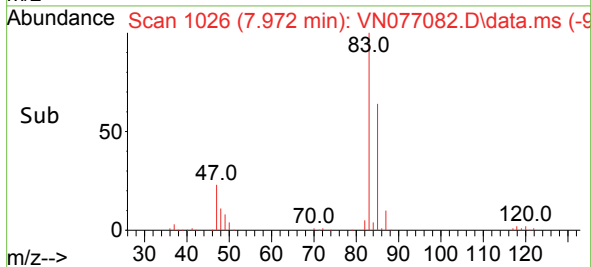
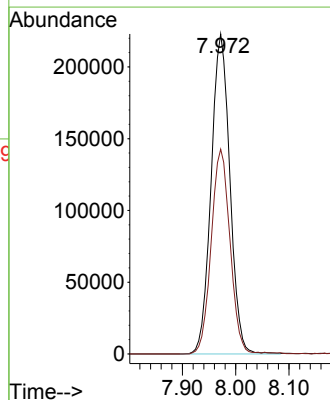
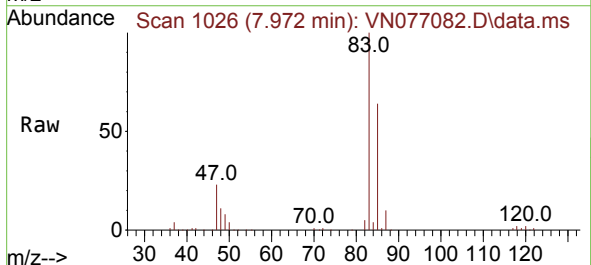
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

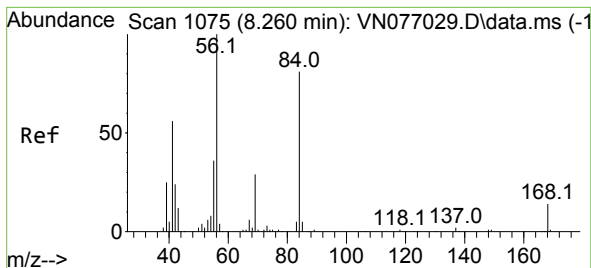
Tgt Ion: 42 Resp: 649141
Ion Ratio Lower Upper
42 100
72 42.1 33.2 49.8
71 39.1 31.0 46.4



#30
Chloroform
Concen: 50.147 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 83 Resp: 545261
Ion Ratio Lower Upper
83 100
85 64.0 50.6 75.8

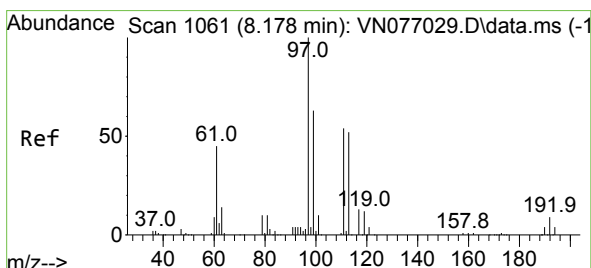
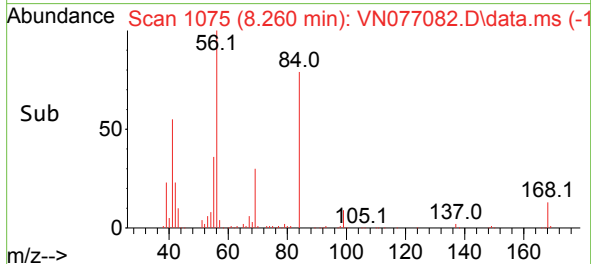
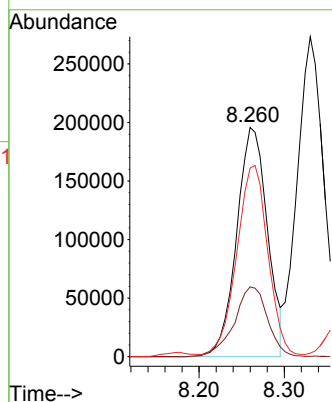
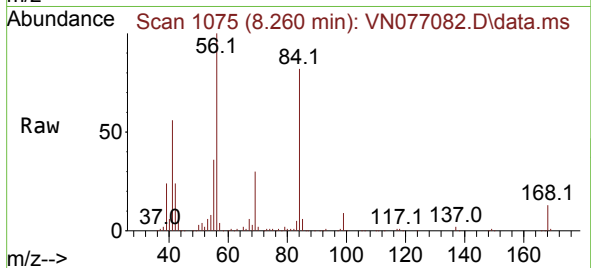




#31
Cyclohexane
Concen: 46.713 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

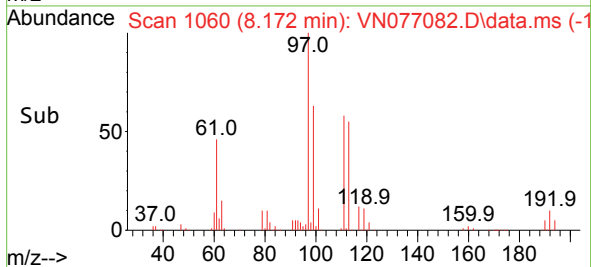
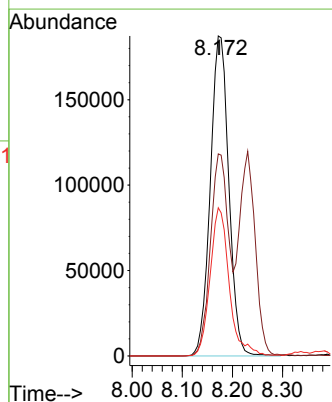
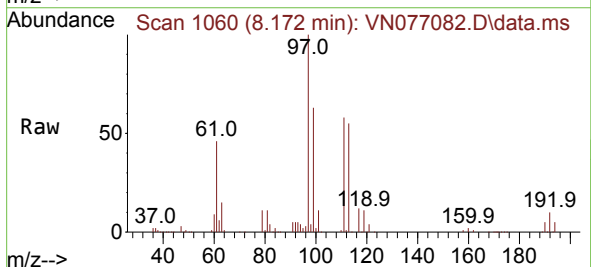
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

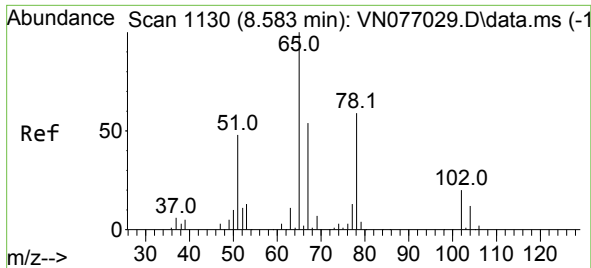
Tgt Ion: 56 Resp: 490795
Ion Ratio Lower Upper
56 100
69 30.4 22.8 34.2
84 80.3 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 51.717 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 97 Resp: 480628
Ion Ratio Lower Upper
97 100
99 61.9 50.2 75.2
61 48.0 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 50.212 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Instrument :

MSVOA_N

ClientSampleId :

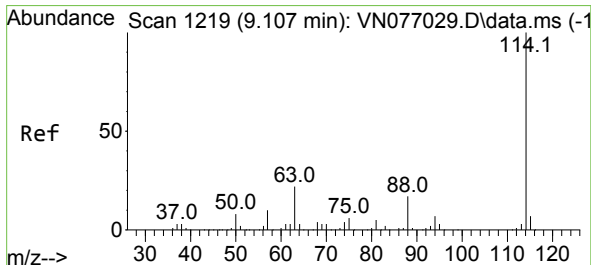
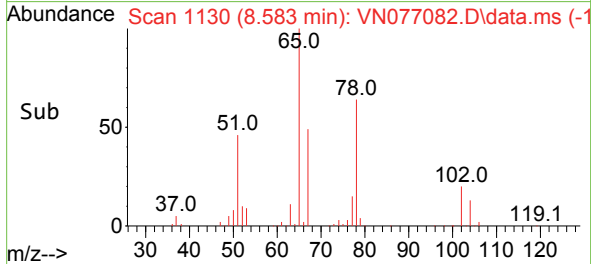
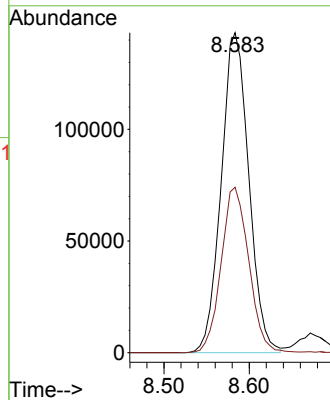
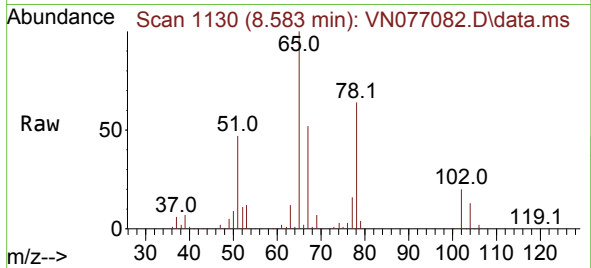
VSTDCCC050

Tgt Ion: 65 Resp: 322443

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

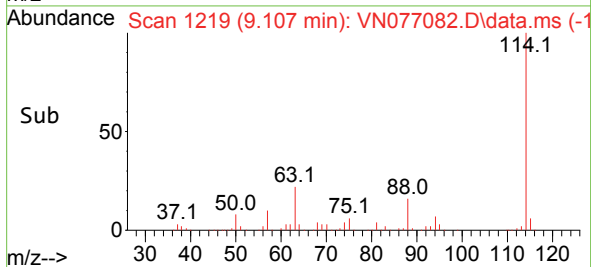
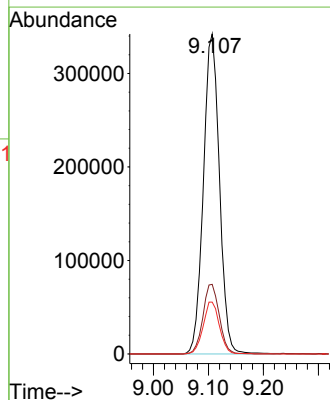
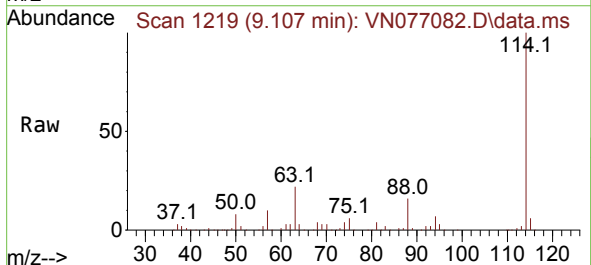
Tgt Ion: 114 Resp: 694282

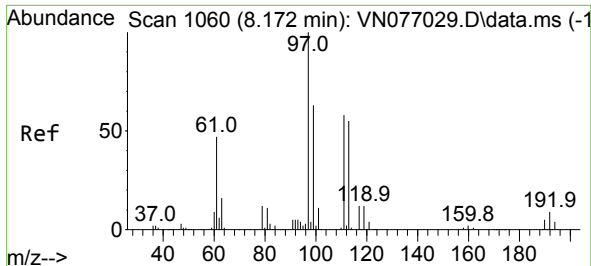
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.6

88 16.2 0.0 33.8

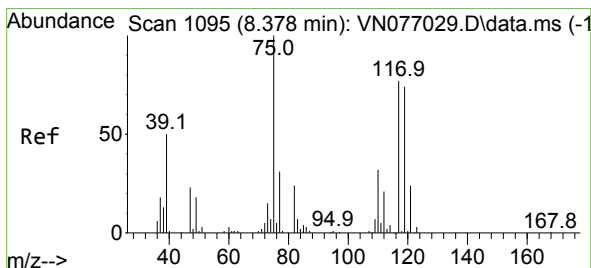
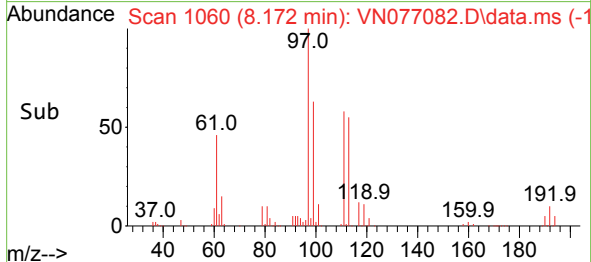
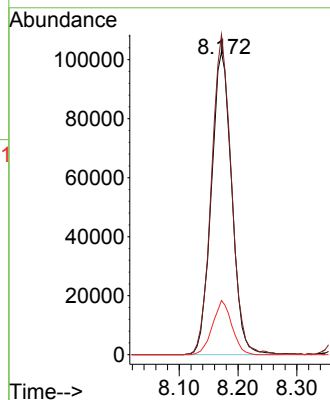
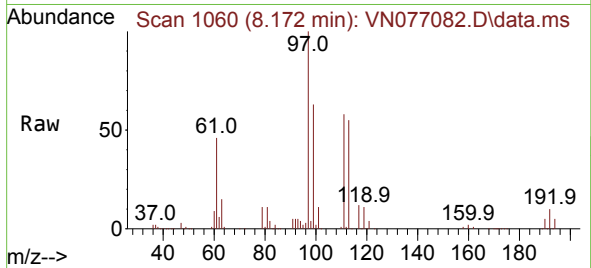




#35
Dibromofluoromethane
Concen: 50.823 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

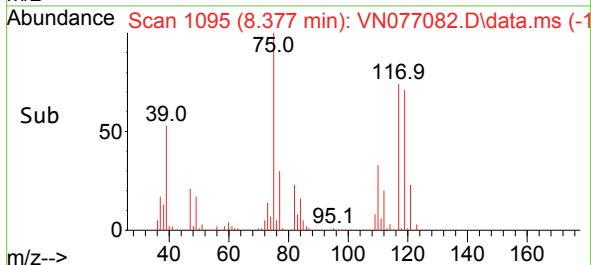
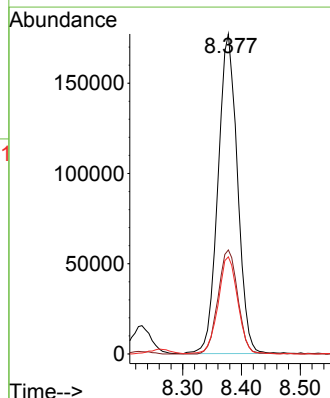
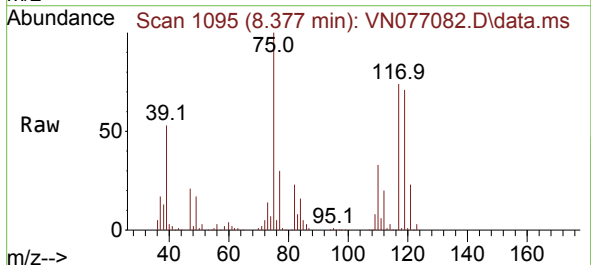
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

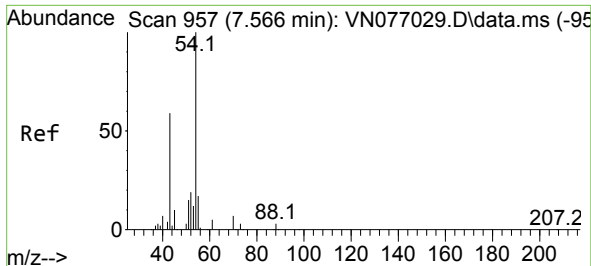
Tgt Ion:113 Resp: 247109
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 16.9 13.0 19.6



#36
1,1-Dichloropropene
Concen: 53.414 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 75 Resp: 405637
Ion Ratio Lower Upper
75 100
110 33.2 15.9 47.7
77 30.8 24.3 36.5

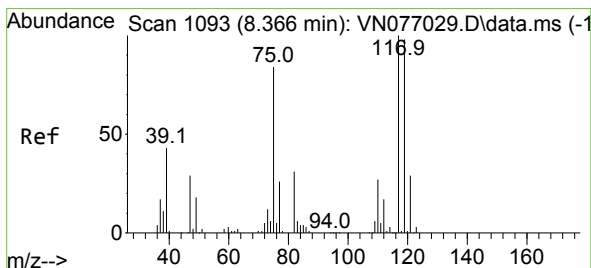
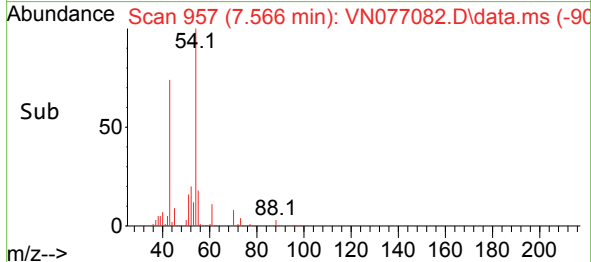
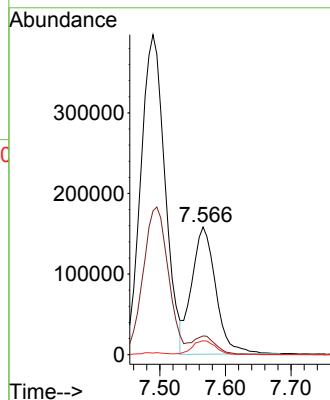
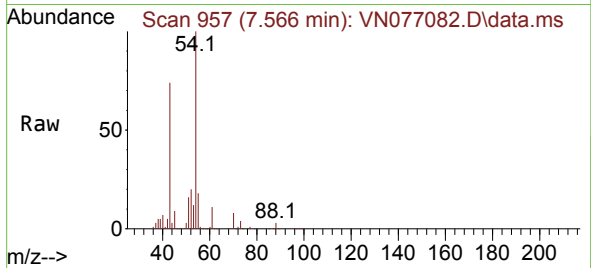




#37
Ethyl Acetate
Concen: 49.727 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

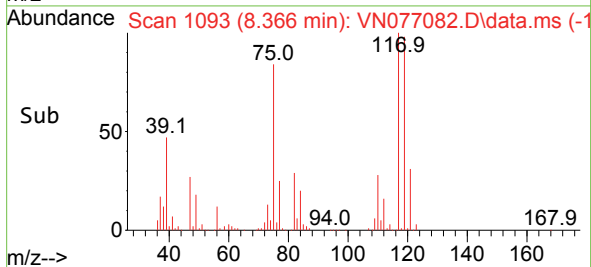
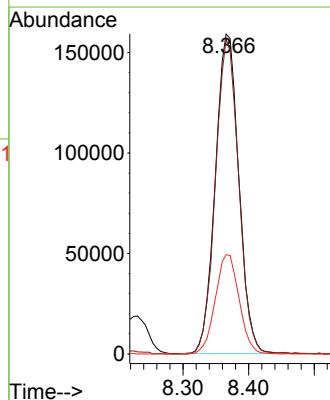
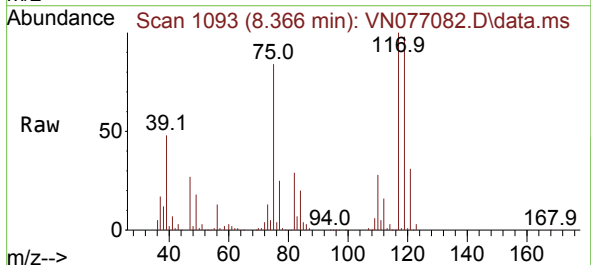
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

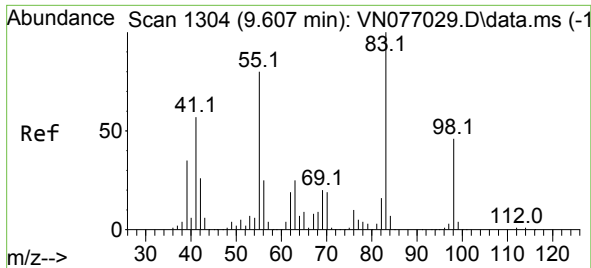
Tgt Ion: 43 Resp: 404049
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.6
70 10.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 53.425 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 117 Resp: 395189
Ion Ratio Lower Upper
117 100
119 98.5 78.2 117.2
121 31.0 23.2 34.8

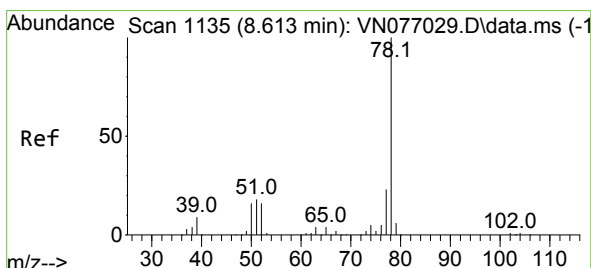
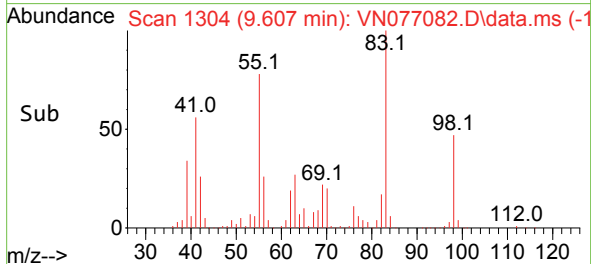
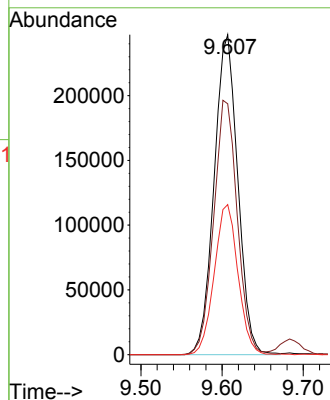
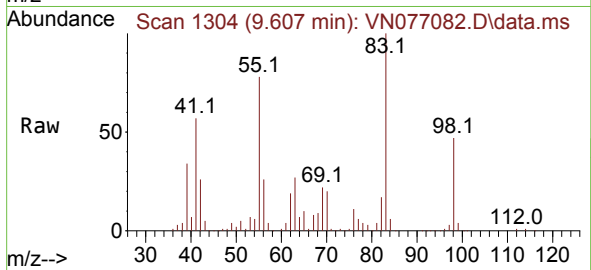




#39
Methylcyclohexane
Concen: 56.384 ug/l
RT: 9.607 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

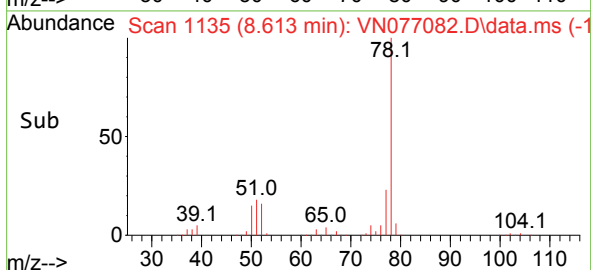
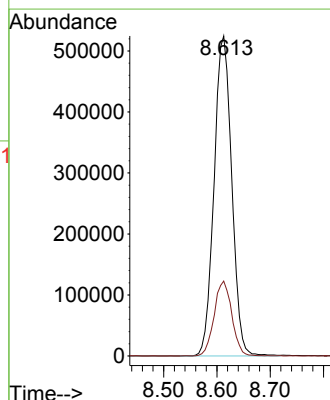
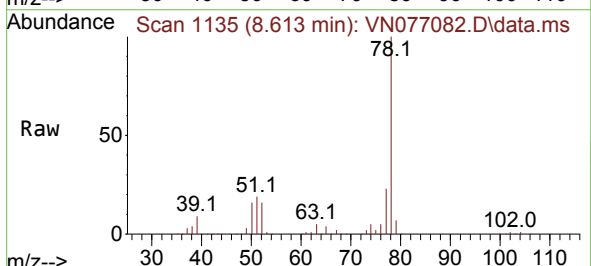
Instrument :
MSVOA_N
ClientSampleId :
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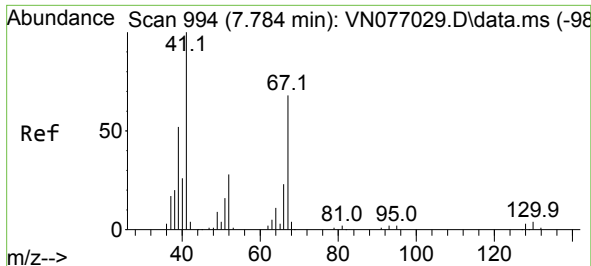
Tgt Ion: 83 Resp: 501202
Ion Ratio Lower Upper
83 100
55 78.4 63.8 95.8
98 46.9 37.1 55.7



#40
Benzene
Concen: 52.444 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 78 Resp: 1207865
Ion Ratio Lower Upper
78 100
77 23.4 18.5 27.7



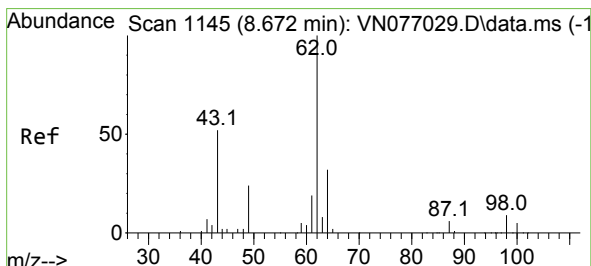
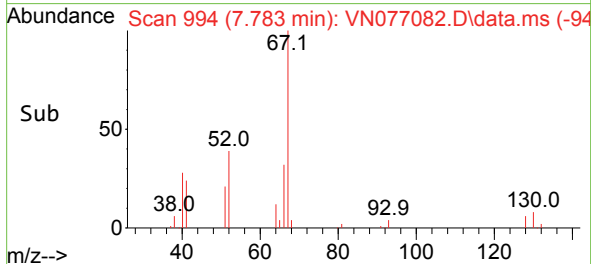
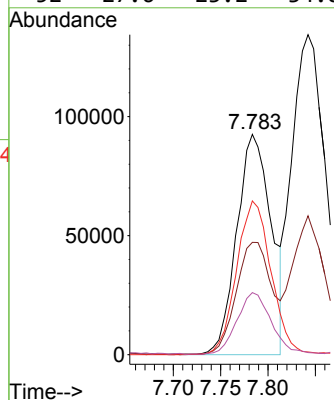
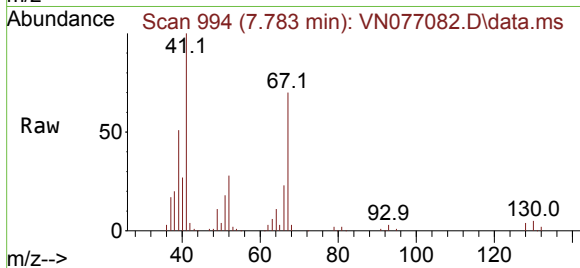


#41
Methacrylonitrile
Concen: 53.545 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 234380

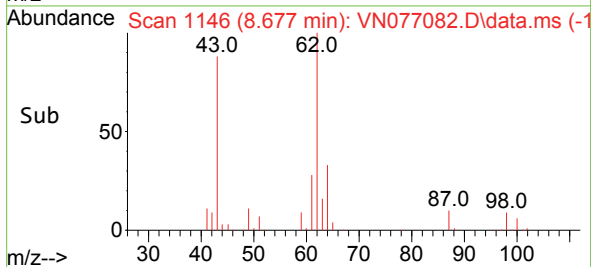
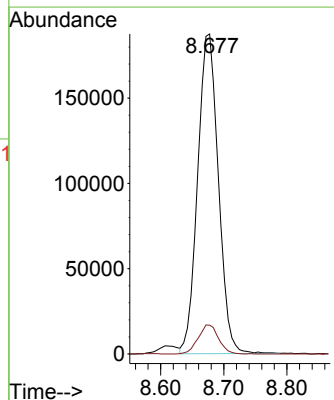
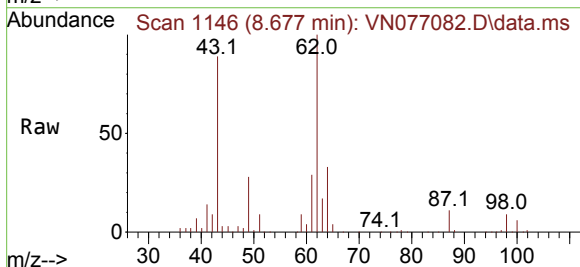
Ion	Ratio	Lower	Upper
41	100		
39	52.5	41.6	62.4
67	69.8	53.8	80.8
52	27.6	23.2	34.8

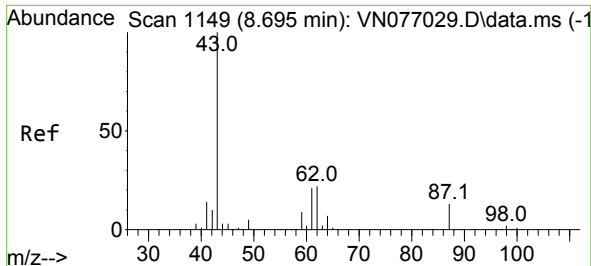


#42
1,2-Dichloroethane
Concen: 51.353 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 62 Resp: 427384

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.4

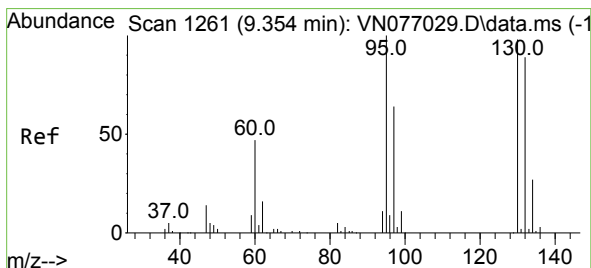
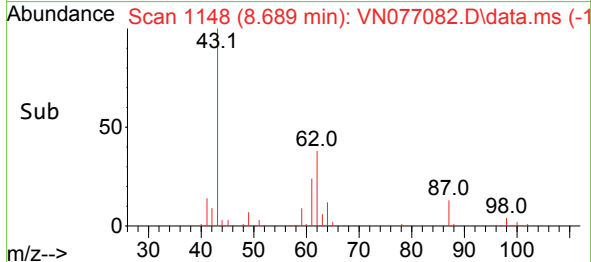
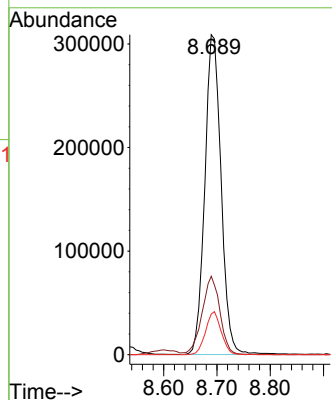
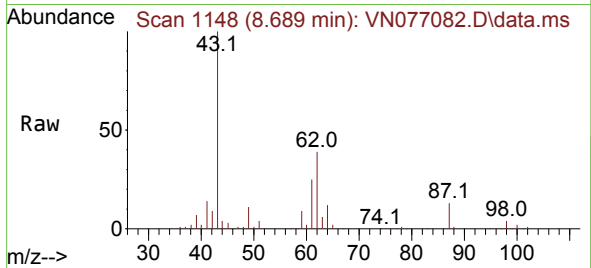




#43
Isopropyl Acetate
Concen: 51.564 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

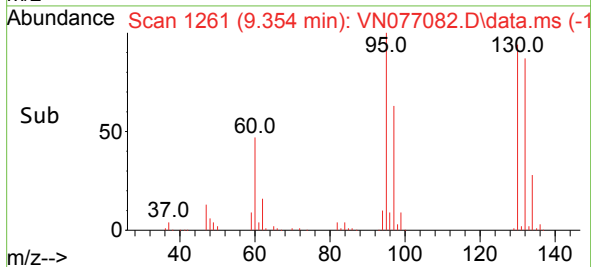
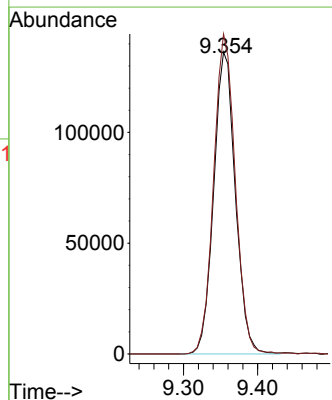
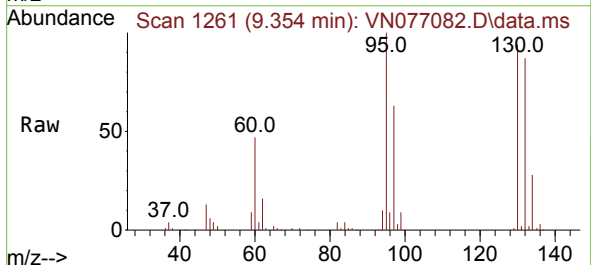
Instrument :
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ClientSampleId :
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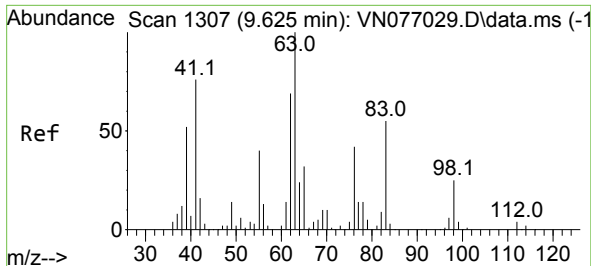
Tgt Ion: 43 Resp: 654506
Ion Ratio Lower Upper
43 100
61 26.7 20.6 30.8
87 12.9 10.0 15.0



#44
Trichloroethene
Concen: 52.279 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion:130 Resp: 276572
Ion Ratio Lower Upper
130 100
95 106.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 52.563 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Instrument :

MSVOA_N

ClientSampleId :

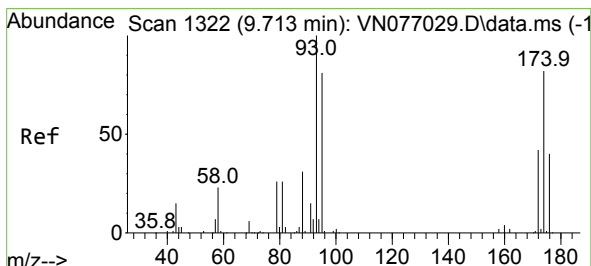
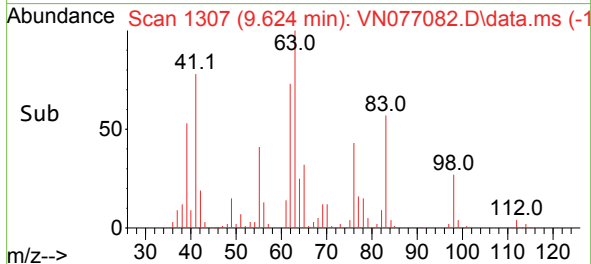
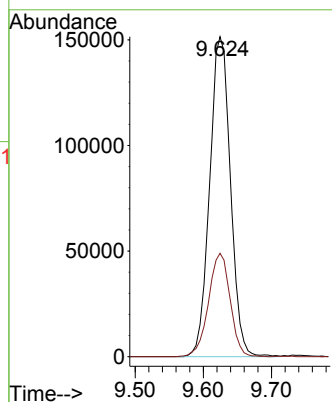
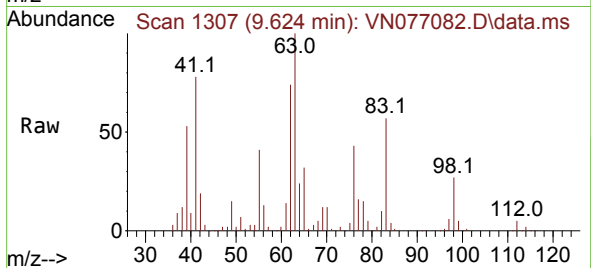
VSTDCCC050

Tgt Ion: 63 Resp: 321532

Ion Ratio Lower Upper

63 100

65 32.2 25.5 38.3



#46

Dibromomethane

Concen: 51.790 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

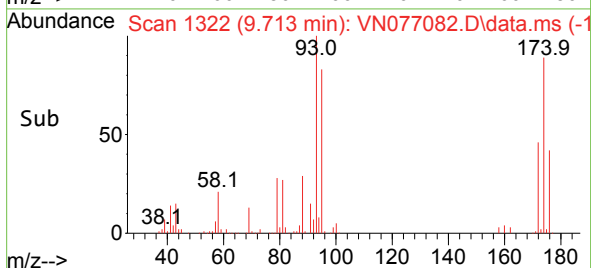
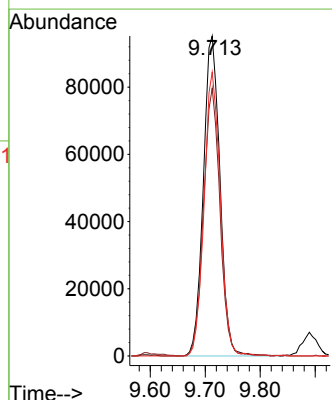
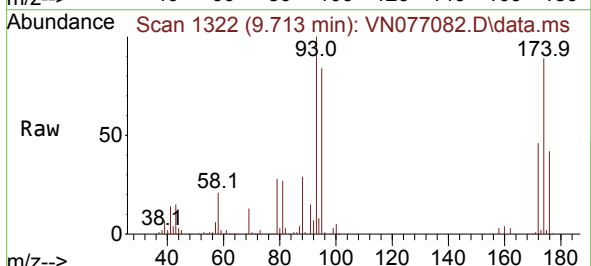
Tgt Ion: 93 Resp: 199797

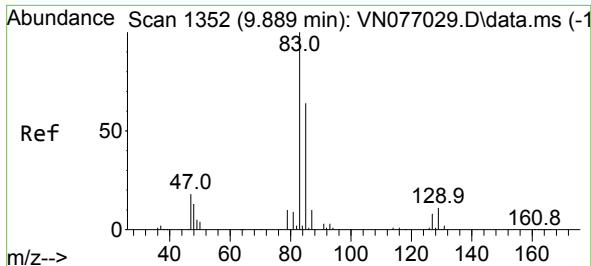
Ion Ratio Lower Upper

93 100

95 82.8 65.7 98.5

174 86.7 66.4 99.6

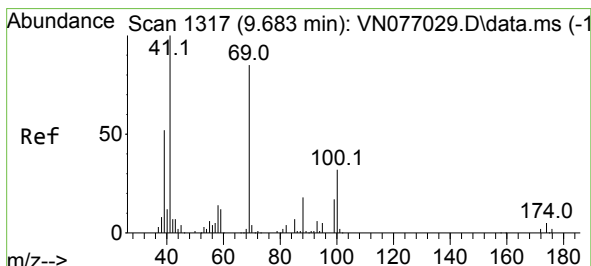
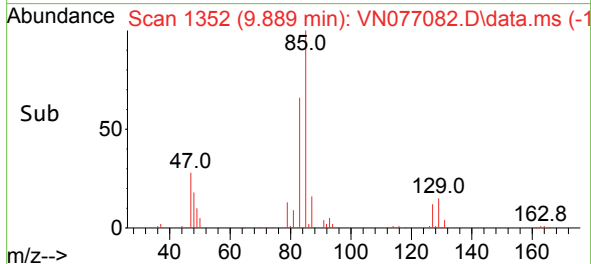
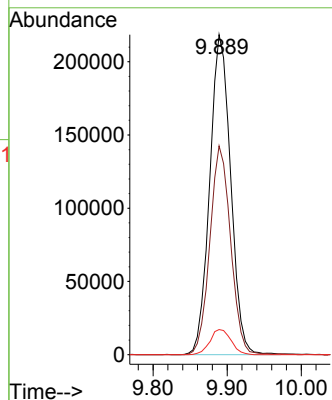
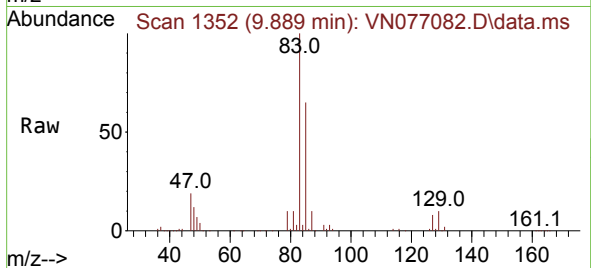




#47
Bromodichloromethane
Concen: 53.030 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

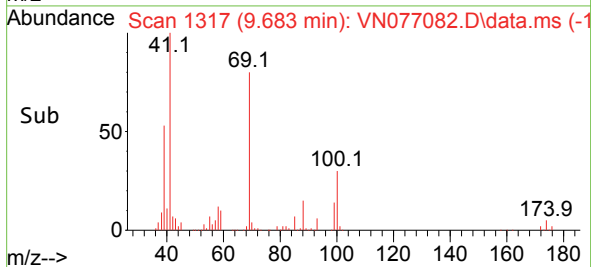
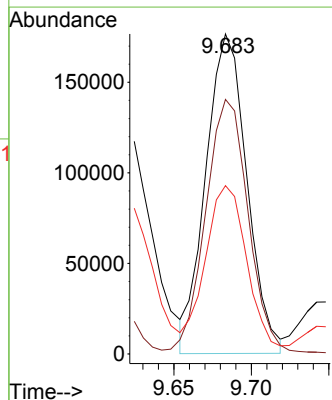
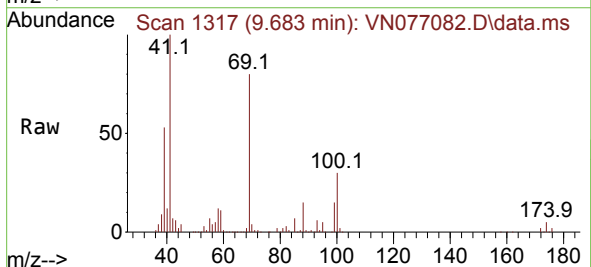
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

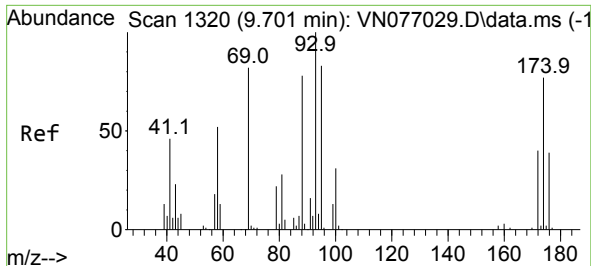
Tgt Ion: 83 Resp: 429076
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.4
127 7.8 6.1 9.1



#48
Methyl methacrylate
Concen: 53.638 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 41 Resp: 325486
Ion Ratio Lower Upper
41 100
69 82.2 64.3 96.5
39 53.9 43.2 64.8





#49

1,4-Dioxane

Concen: 943.993 ug/l

RT: 9.695 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

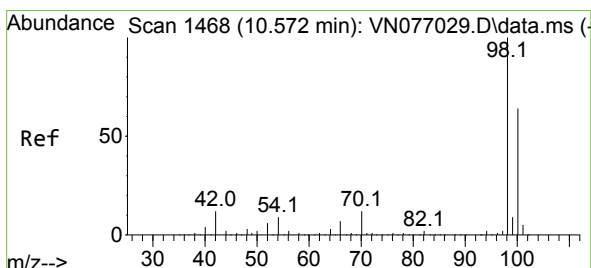
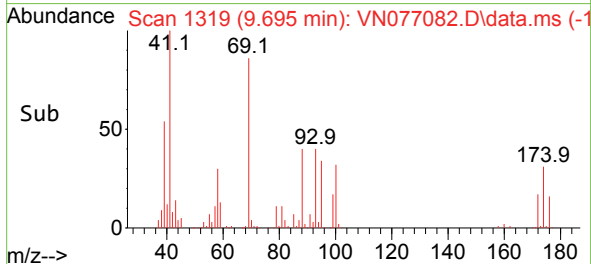
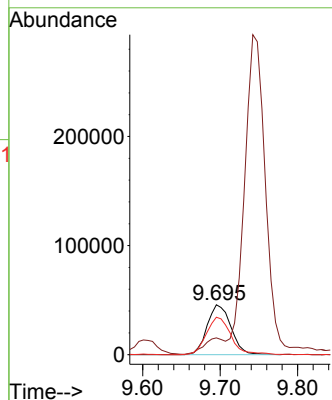
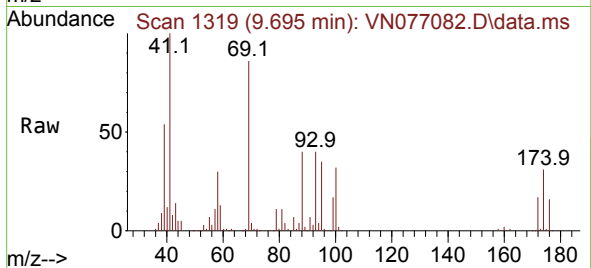
Tgt Ion: 88 Resp: 97838

Ion Ratio Lower Upper

88 100

43 28.8 22.2 33.2

58 77.8 60.8 91.2



#50

Toluene-d8

Concen: 53.719 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.006 min

Lab File: VN077082.D

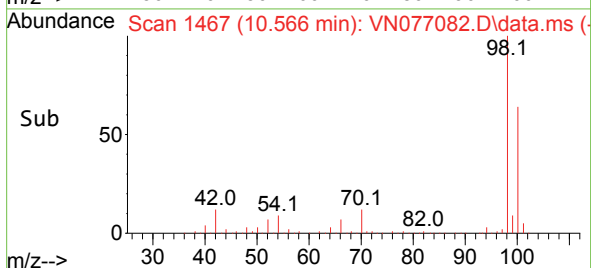
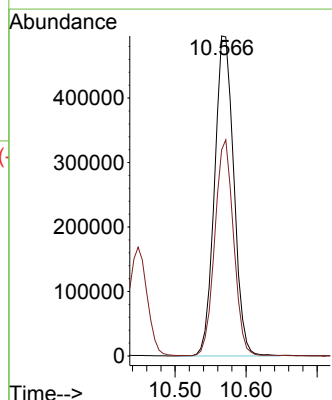
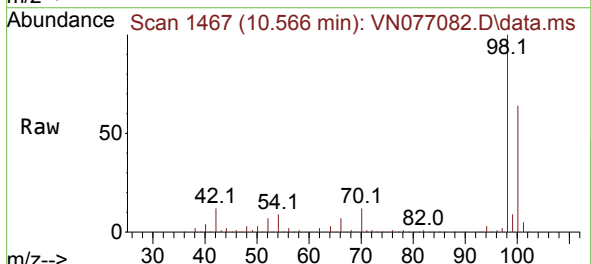
Acq: 21 Mar 2023 10:48

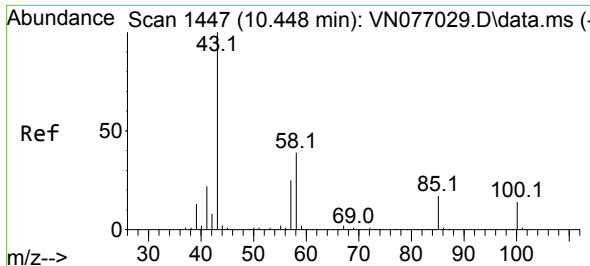
Tgt Ion: 98 Resp: 933000

Ion Ratio Lower Upper

98 100

100 66.0 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 253.842 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Instrument :

MSVOA_N

ClientSampleId :

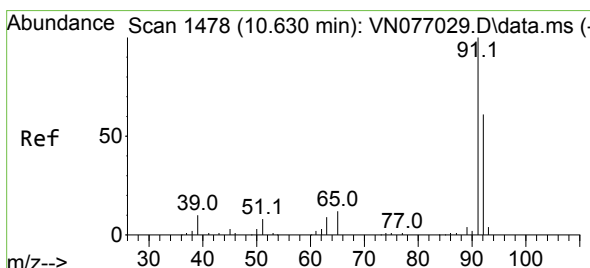
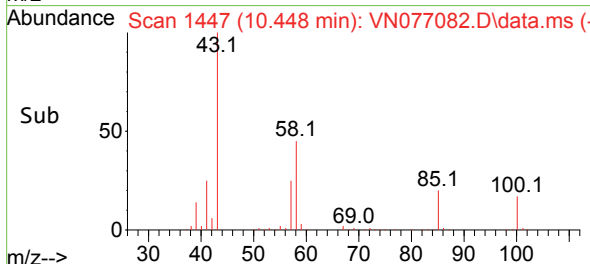
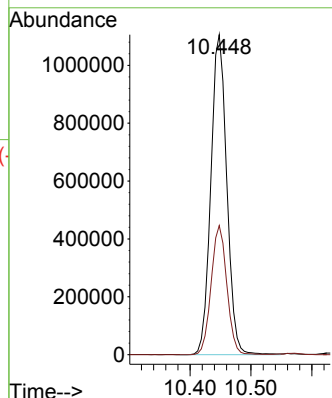
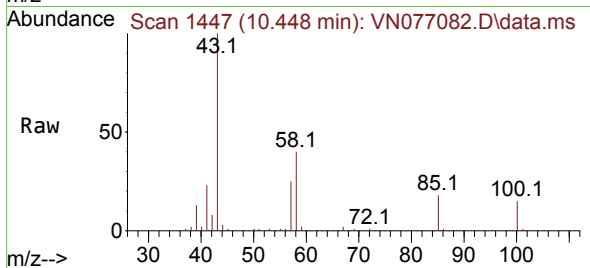
VSTDCCC050

Tgt Ion: 43 Resp: 2006434

Ion Ratio Lower Upper

43 100

58 39.8 31.1 46.7



#52

Toluene

Concen: 54.662 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VN077082.D

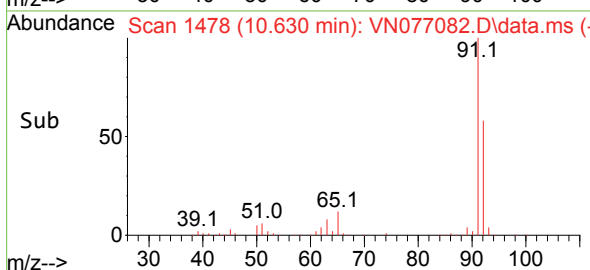
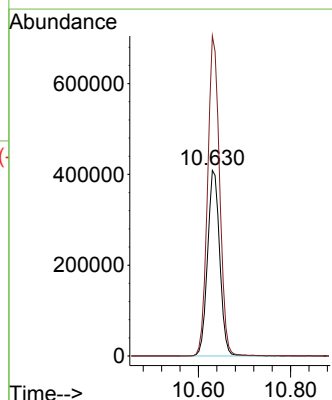
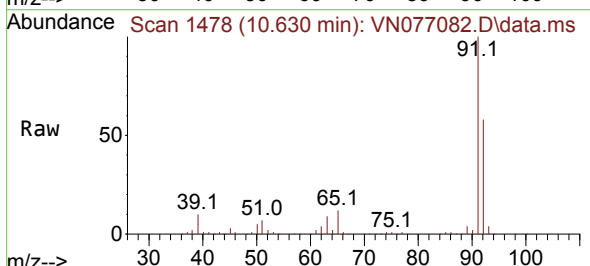
Acq: 21 Mar 2023 10:48

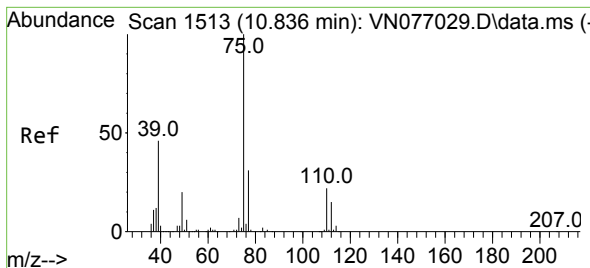
Tgt Ion: 92 Resp: 751693

Ion Ratio Lower Upper

92 100

91 170.8 135.8 203.8

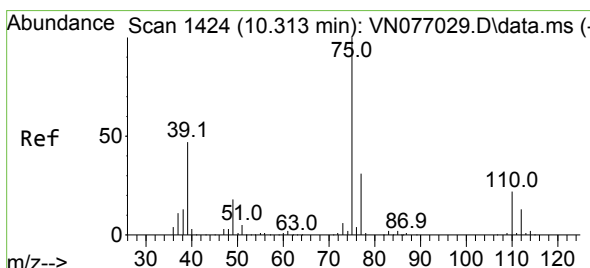
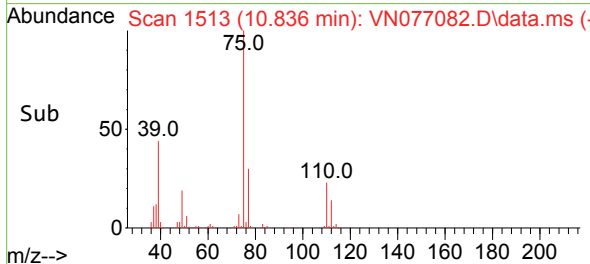
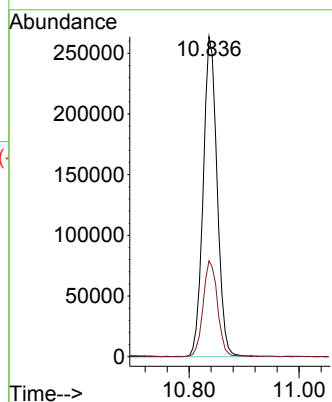
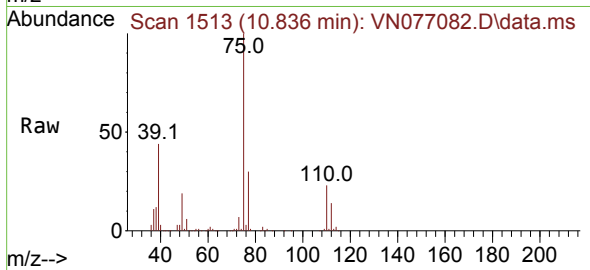




#53
 t-1,3-Dichloropropene
 Concen: 58.560 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN077082.D
 Acq: 21 Mar 2023 10:48

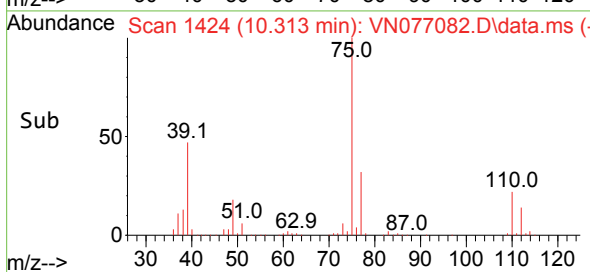
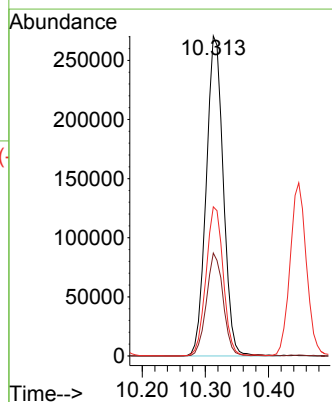
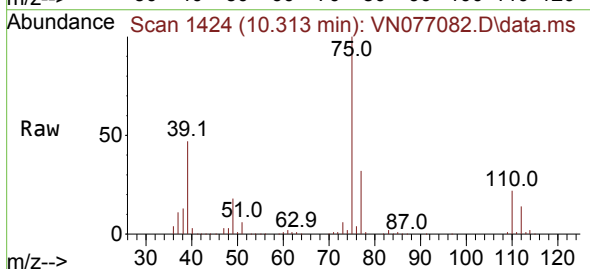
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

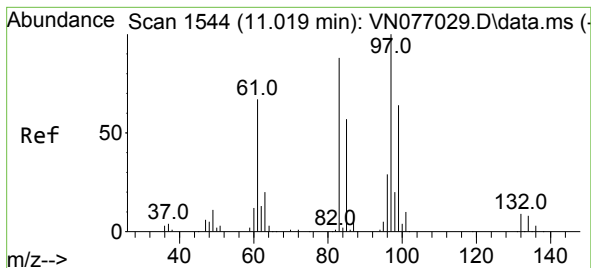
Tgt Ion: 75 Resp: 464393
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 56.747 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077082.D
 Acq: 21 Mar 2023 10:48

Tgt Ion: 75 Resp: 507747
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.5 36.7
 39 46.6 37.8 56.6





#55

1,1,2-Trichloroethane

Concen: 53.823 ug/l

RT: 11.018 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 291864

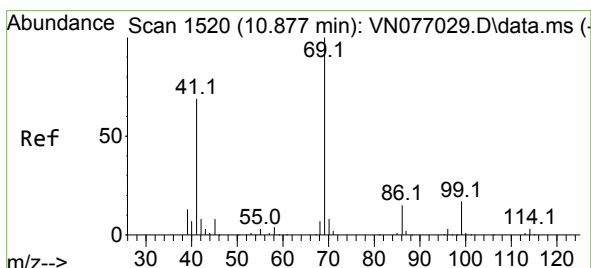
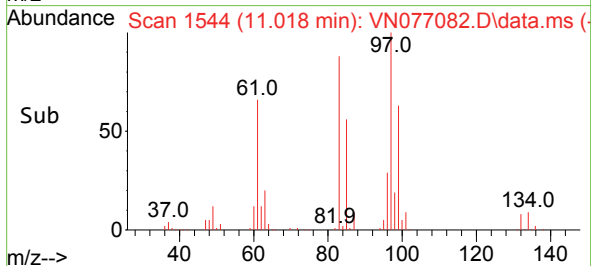
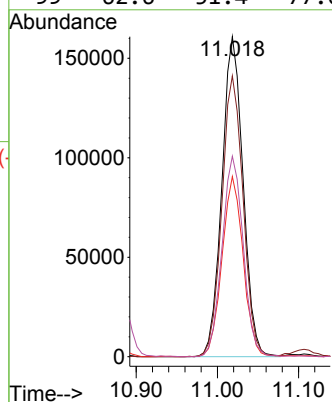
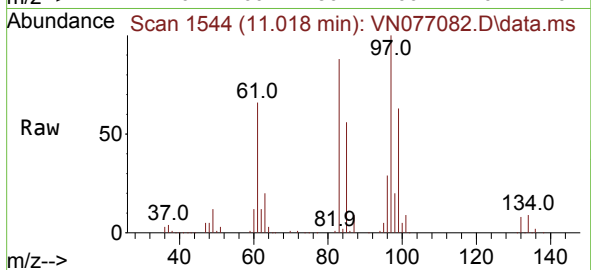
Ion Ratio Lower Upper

97 100

83 87.7 70.5 105.7

85 56.3 45.4 68.2

99 62.6 51.4 77.0



#56

Ethyl methacrylate

Concen: 57.106 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

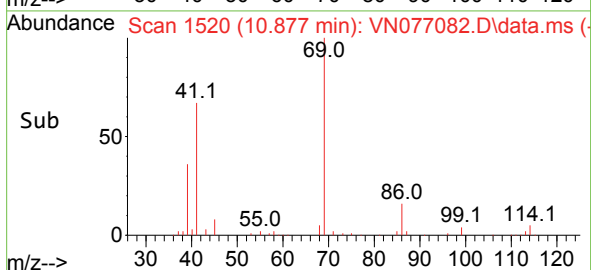
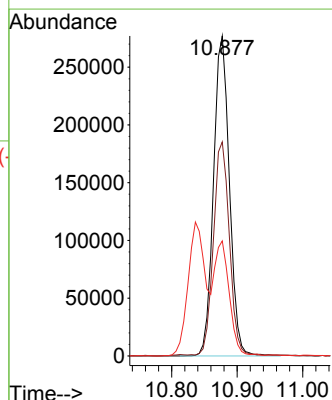
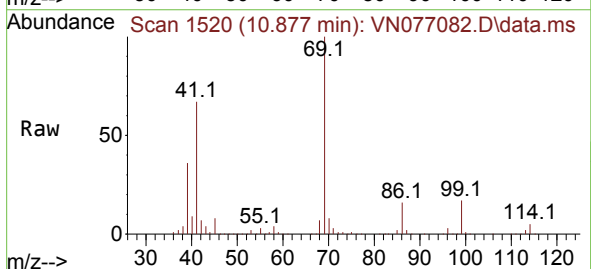
Tgt Ion: 69 Resp: 465652

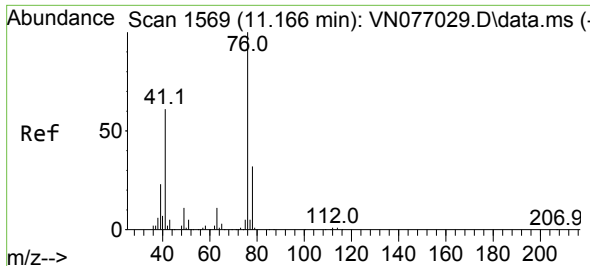
Ion Ratio Lower Upper

69 100

41 66.5 54.9 82.3

39 32.9 26.6 40.0





#57

1,3-Dichloropropane

Concen: 52.338 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Instrument :

MSVOA_N

ClientSampleId :

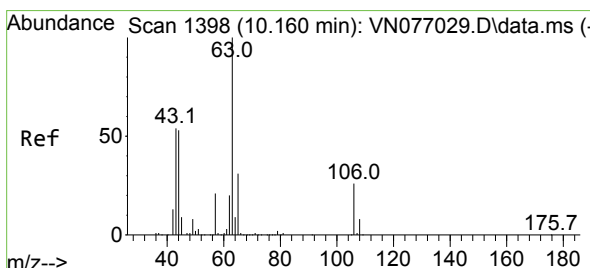
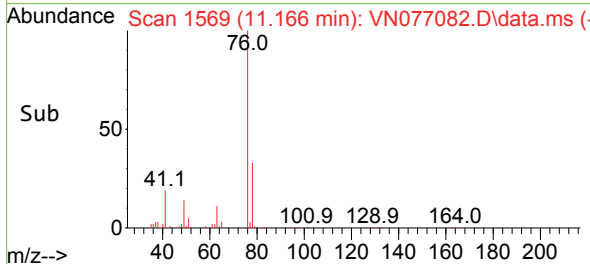
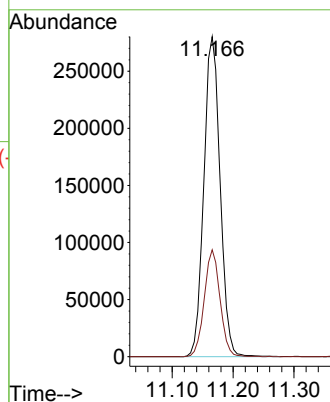
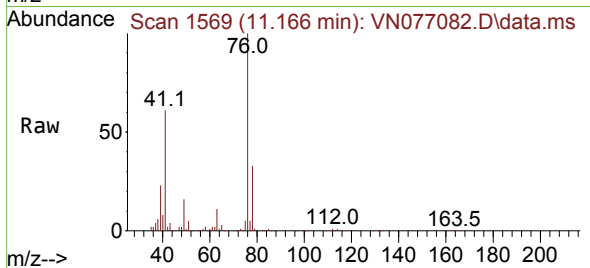
VSTDCCC050

Tgt Ion: 76 Resp: 519617

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 209.740 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077082.D

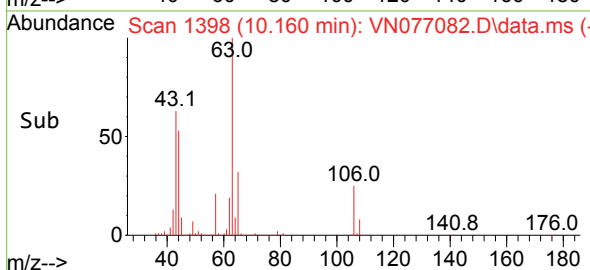
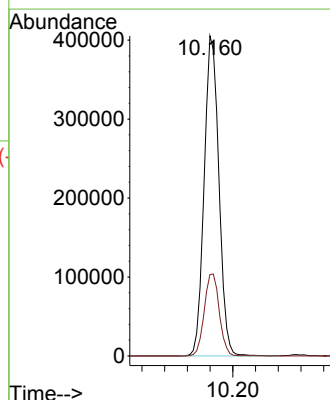
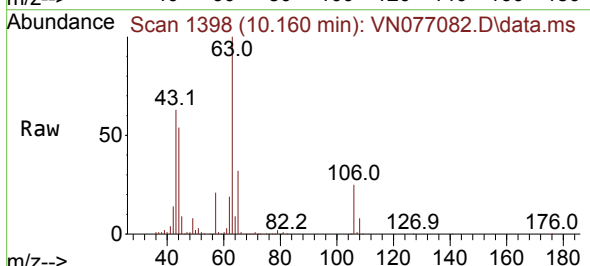
Acq: 21 Mar 2023 10:48

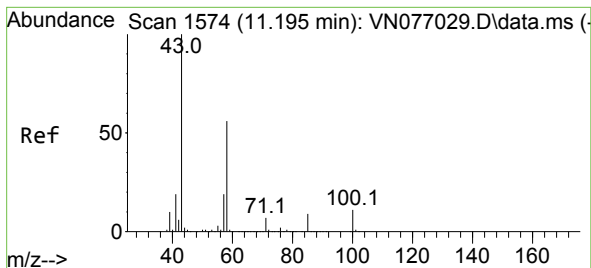
Tgt Ion: 63 Resp: 729130

Ion Ratio Lower Upper

63 100

106 26.0 20.6 31.0

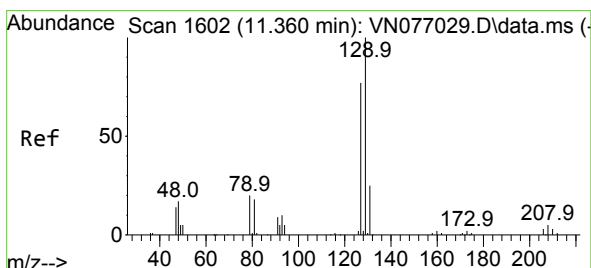
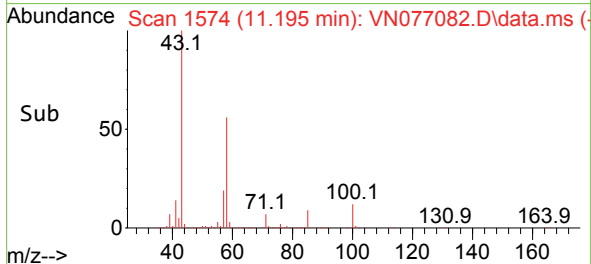
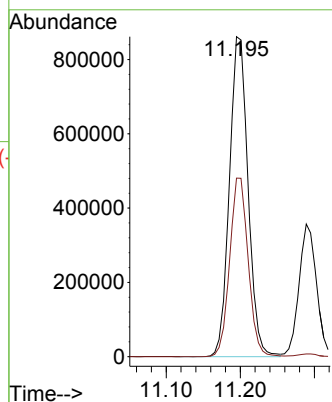
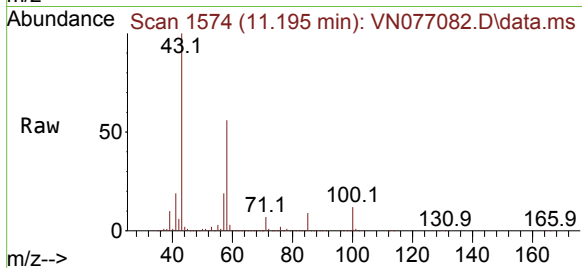




#59
2-Hexanone
Concen: 261.804 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

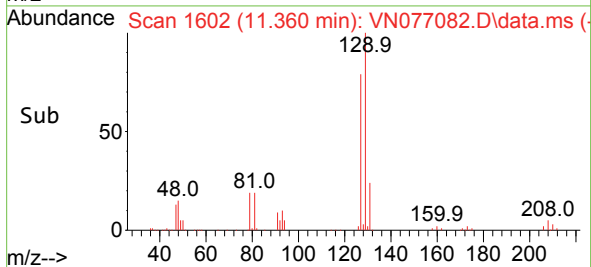
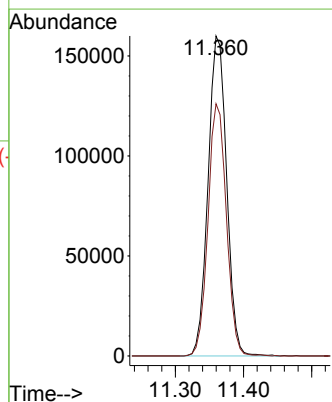
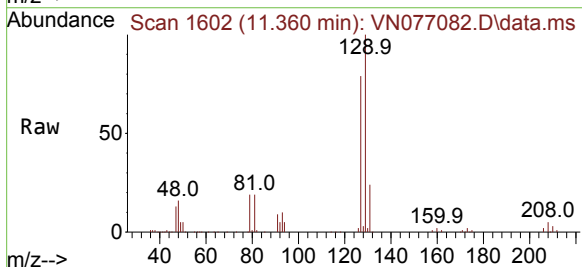
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

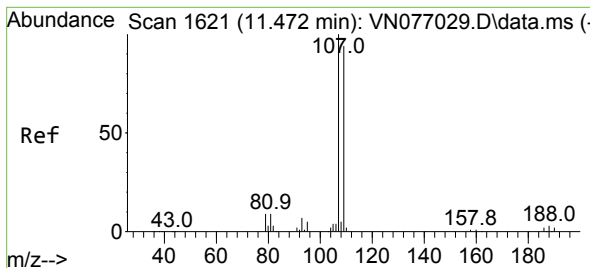
Tgt Ion: 43 Resp: 1500938
Ion Ratio Lower Upper
43 100
58 55.6 27.7 83.1



#60
Dibromochloromethane
Concen: 55.703 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 129 Resp: 303422
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7





#61

1,2-Dibromoethane

Concen: 53.480 ug/l

RT: 11.471 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Instrument :

MSVOA_N

ClientSampleId :

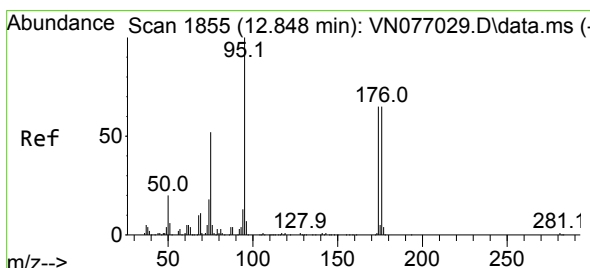
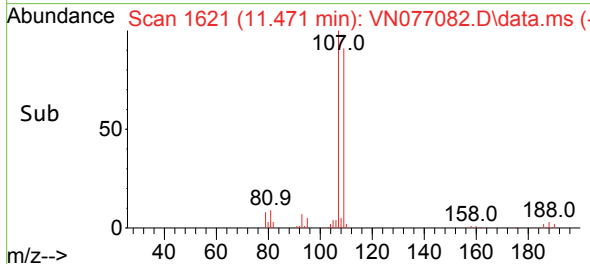
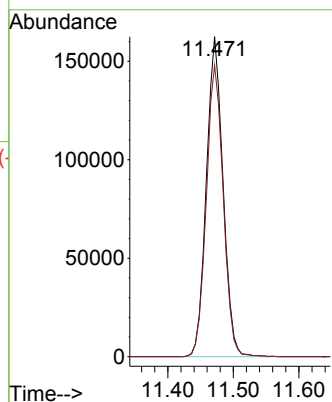
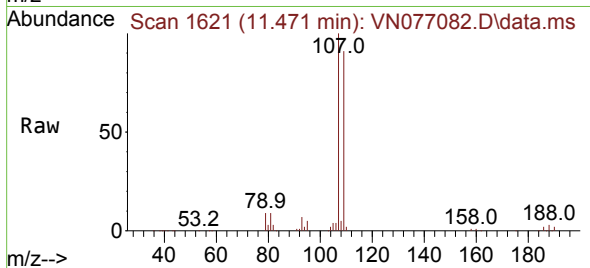
VSTDCCC050

Tgt Ion:107 Resp: 287587

Ion Ratio Lower Upper

107 100

109 92.6 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 57.497 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

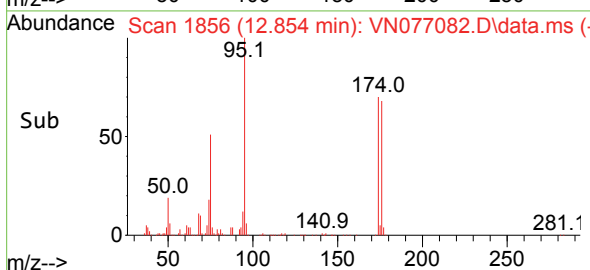
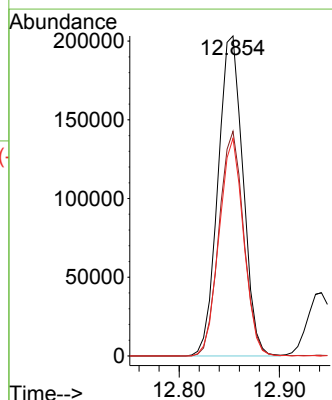
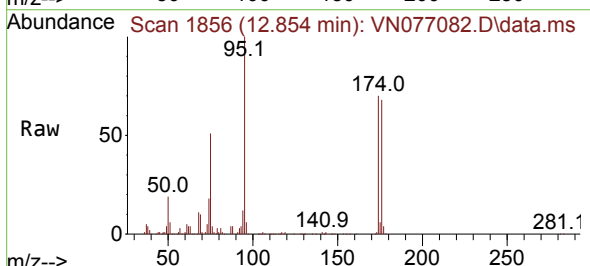
Tgt Ion: 95 Resp: 352879

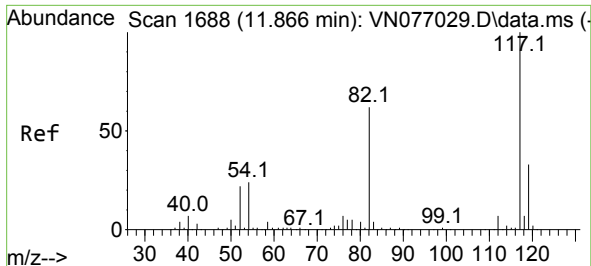
Ion Ratio Lower Upper

95 100

174 69.2 0.0 136.6

176 66.4 0.0 130.0

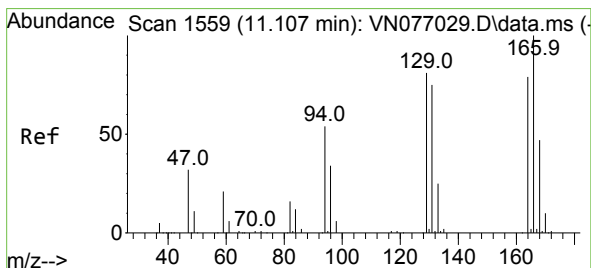
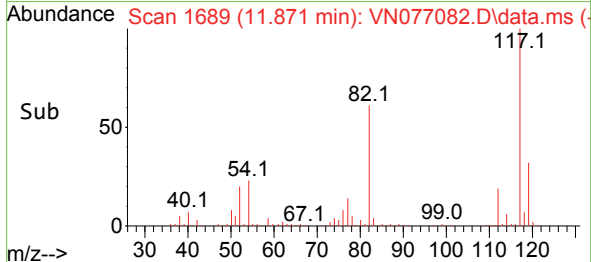
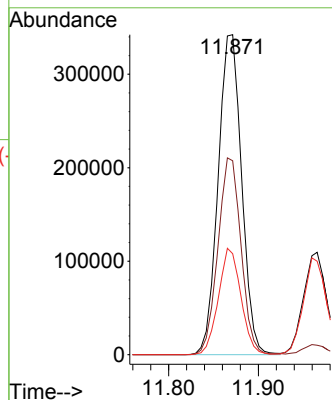
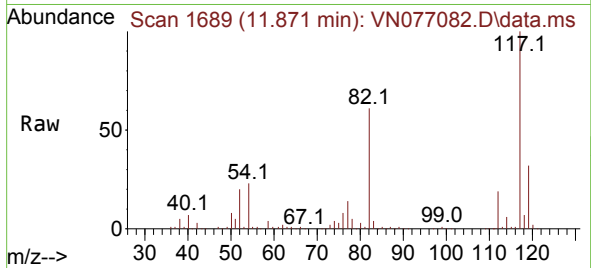




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

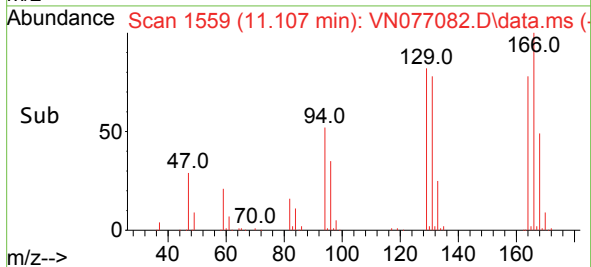
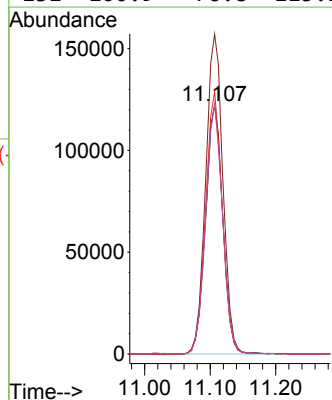
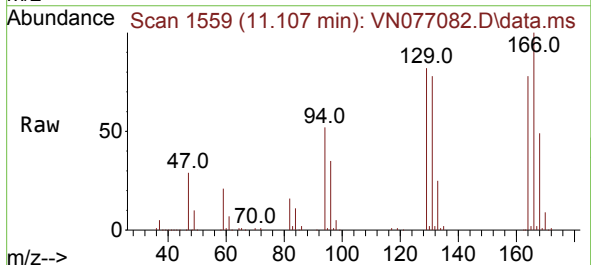
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

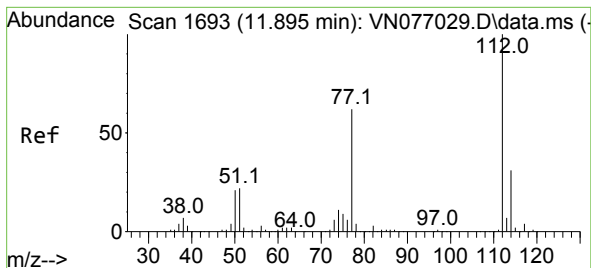
Tgt Ion:117 Resp: 623541
Ion Ratio Lower Upper
117 100
82 60.6 49.4 74.0
119 31.6 26.5 39.7



#64
Tetrachloroethene
Concen: 53.378 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion:164 Resp: 223379
Ion Ratio Lower Upper
164 100
166 128.8 101.9 152.9
129 105.8 82.6 123.8
131 100.9 76.8 115.2





#65

Chlorobenzene

Concen: 53.031 ug/l

RT: 11.895 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Instrument :

MSVOA_N

ClientSampleId :

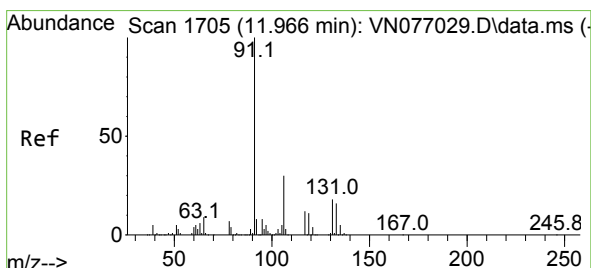
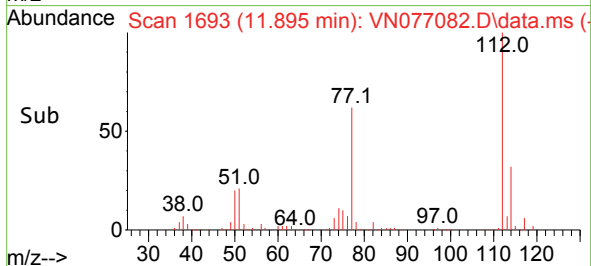
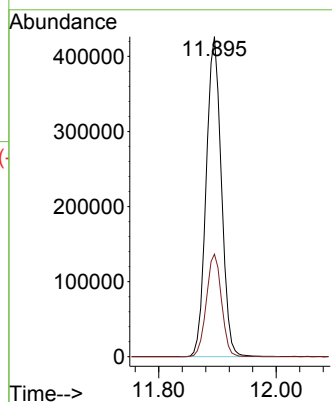
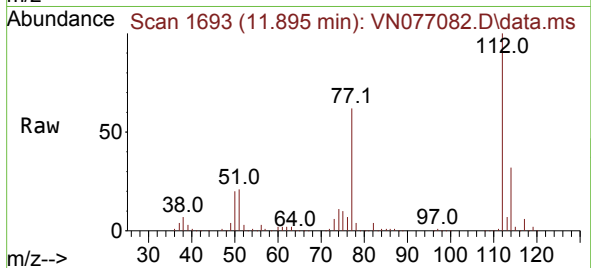
VSTDCCC050

Tgt Ion:112 Resp: 760829

Ion Ratio Lower Upper

112 100

114 32.0 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 54.269 ug/l

RT: 11.965 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

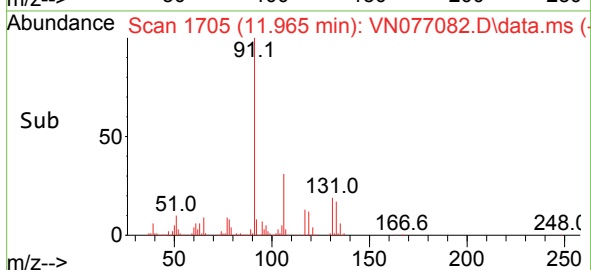
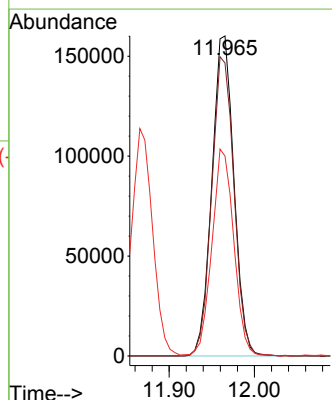
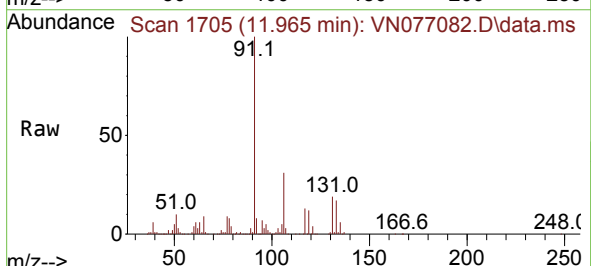
Tgt Ion:131 Resp: 288097

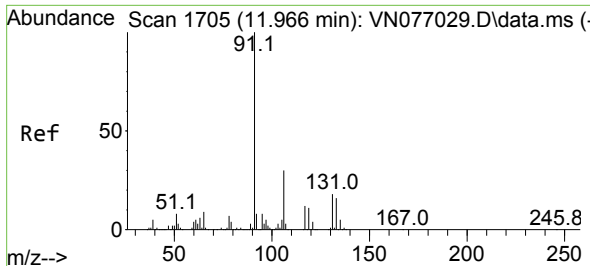
Ion Ratio Lower Upper

131 100

133 94.1 46.8 140.3

119 64.3 32.6 97.8

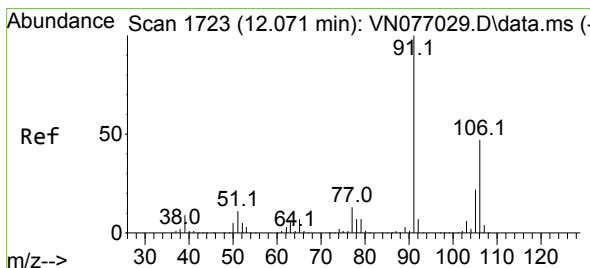
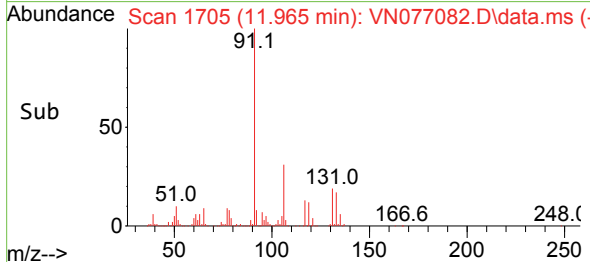
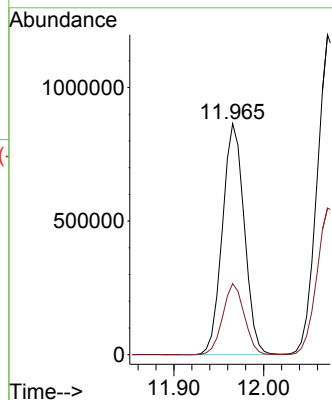
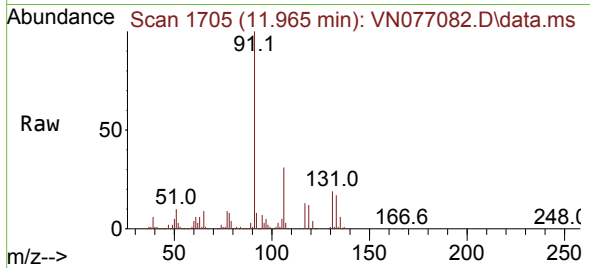




#67
Ethyl Benzene
Concen: 56.229 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

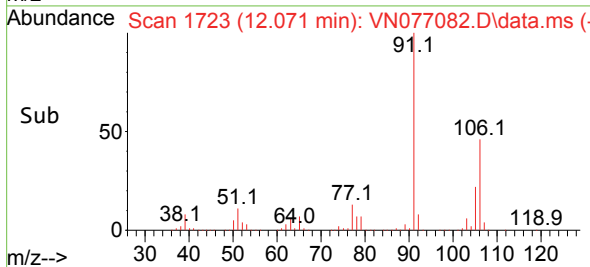
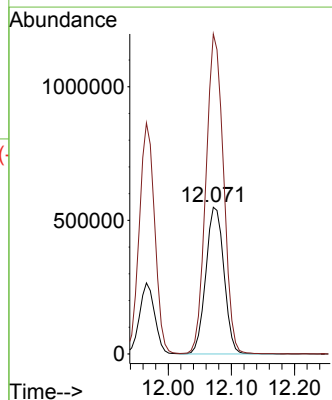
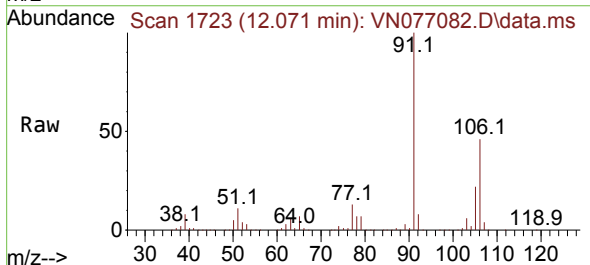
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

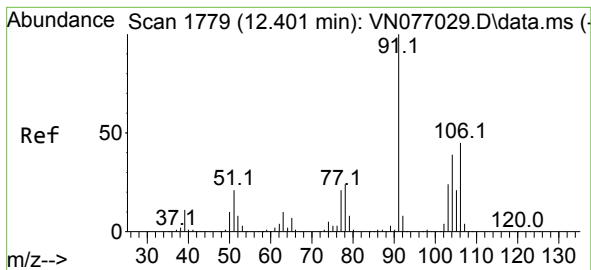
Tgt Ion: 91 Resp: 1465295
Ion Ratio Lower Upper
91 100
106 30.8 24.3 36.5



#68
m/p-Xylenes
Concen: 113.264 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion:106 Resp: 1094647
Ion Ratio Lower Upper
106 100
91 211.6 168.0 252.0





#69

o-Xylene

Concen: 56.009 ug/l

RT: 12.401 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Instrument :

MSVOA_N

ClientSampleId :

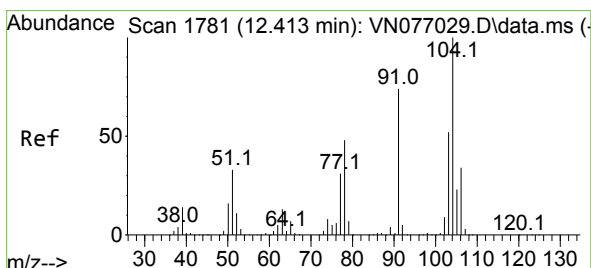
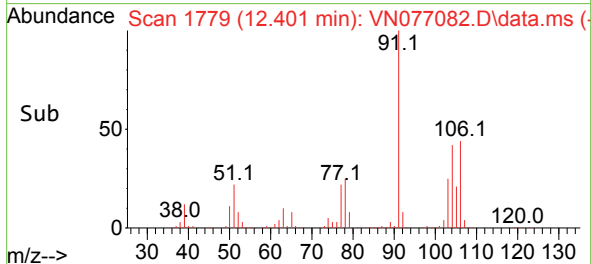
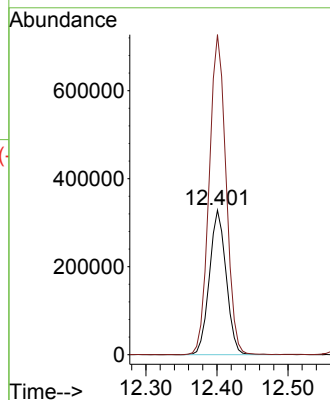
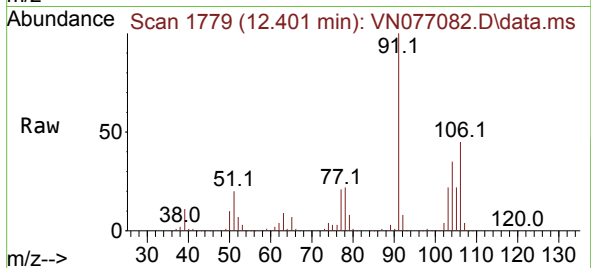
VSTDCCC050

Tgt Ion:106 Resp: 537851

Ion Ratio Lower Upper

106 100

91 223.2 110.3 330.9



#70

Styrene

Concen: 60.383 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

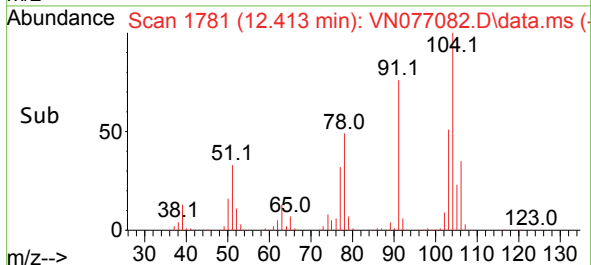
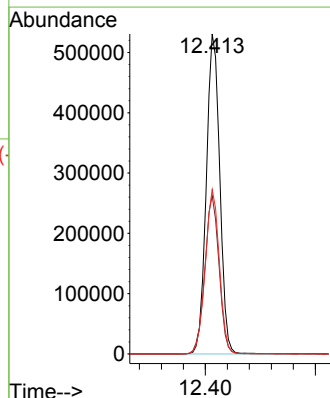
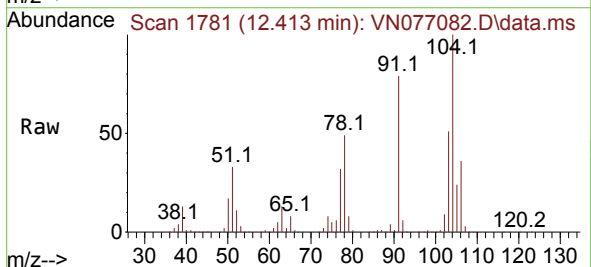
Tgt Ion:104 Resp: 902764

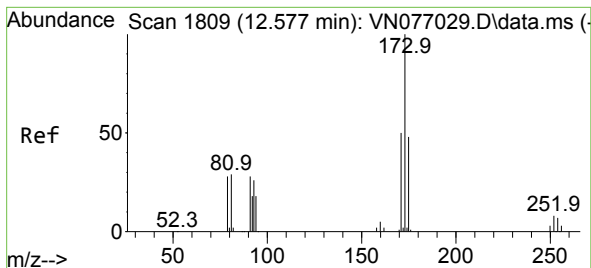
Ion Ratio Lower Upper

104 100

78 52.1 41.8 62.8

103 53.7 43.8 65.6





#71

Bromoform

Concen: 57.454 ug/l

RT: 12.583 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

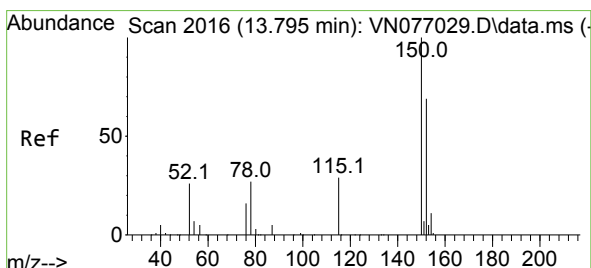
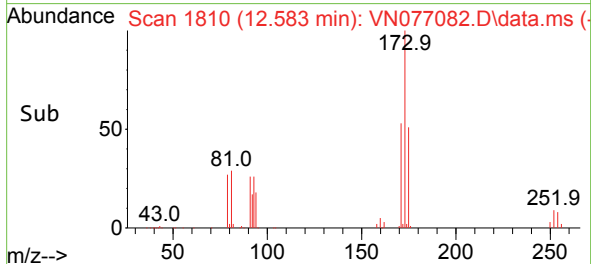
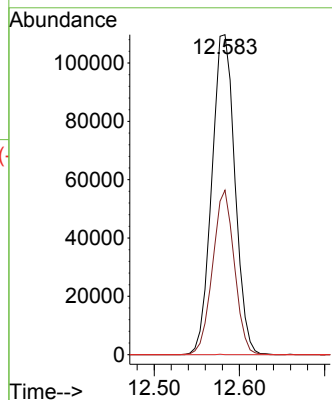
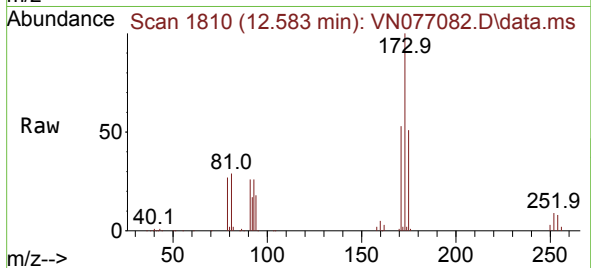
Tgt Ion:173 Resp: 206679

Ion Ratio Lower Upper

173 100

175 48.3 24.5 73.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

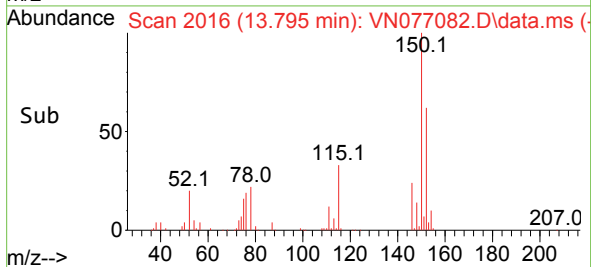
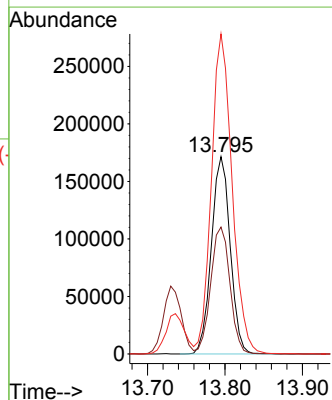
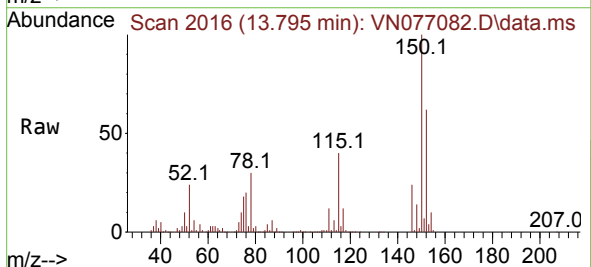
Tgt Ion:152 Resp: 289175

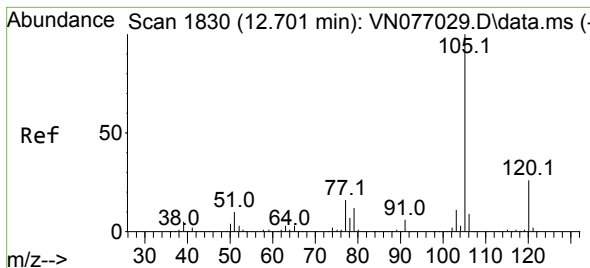
Ion Ratio Lower Upper

152 100

115 66.0 31.9 95.7

150 178.8 0.0 348.0





#73

Isopropylbenzene

Concen: 55.472 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Instrument :

MSVOA_N

ClientSampleId :

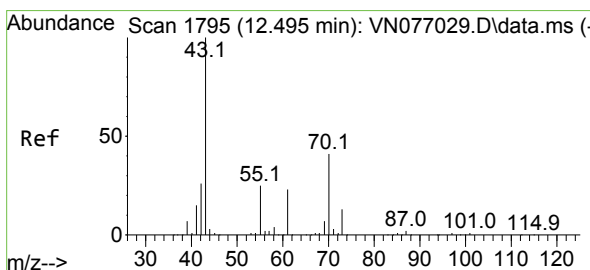
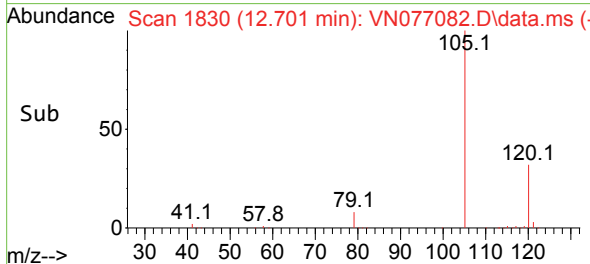
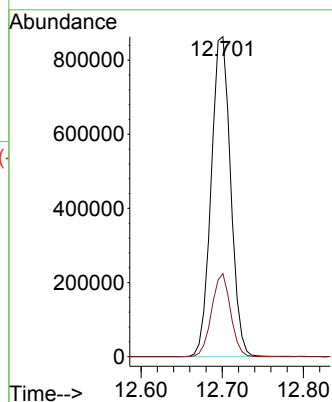
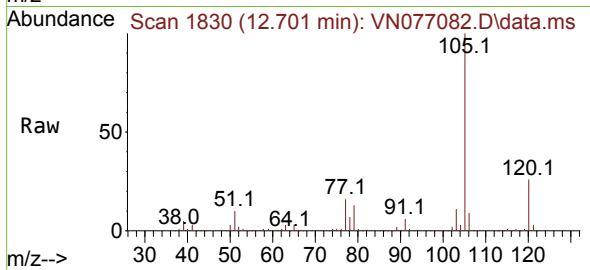
VSTDCCC050

Tgt Ion:105 Resp: 1437552

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.4



#74

N-ethyl acetate

Concen: 51.416 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Tgt Ion: 43 Resp: 576733

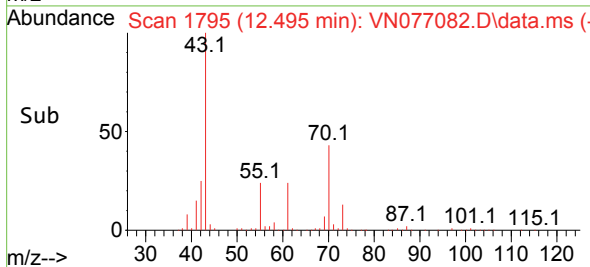
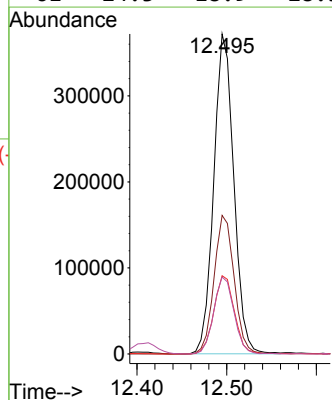
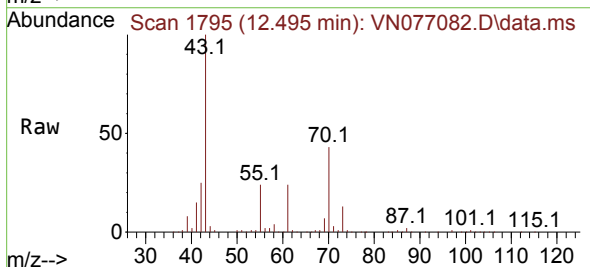
Ion Ratio Lower Upper

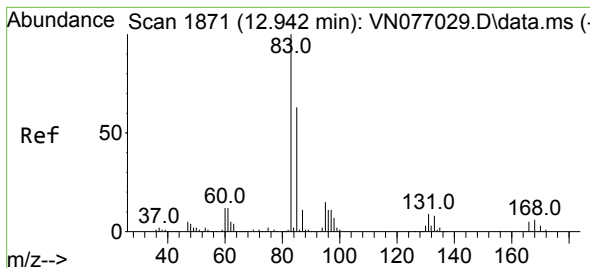
43 100

70 43.6 33.6 50.4

55 25.2 20.3 30.5

61 24.3 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.569 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

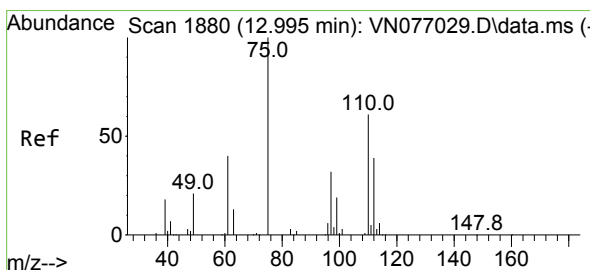
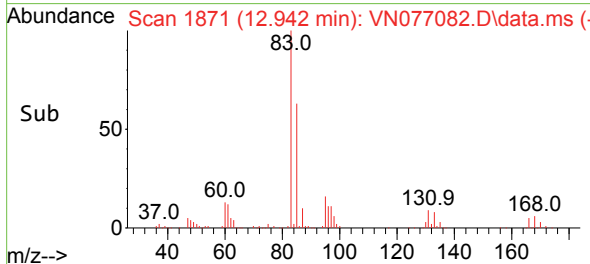
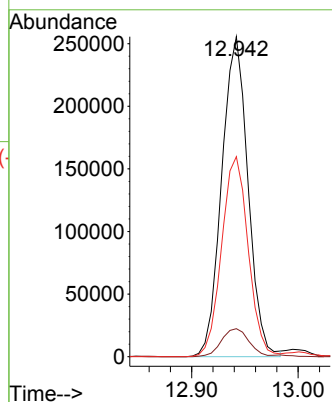
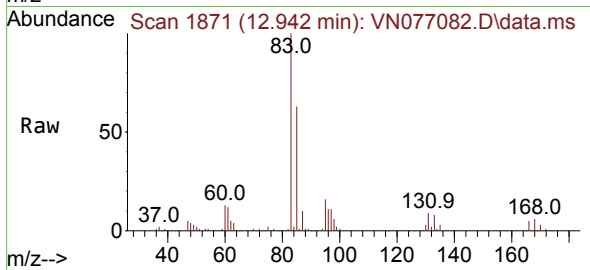
Tgt Ion: 83 Resp: 437219

Ion Ratio Lower Upper

83 100

131 9.6 4.5 13.7

85 63.2 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 73.540 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN077082.D

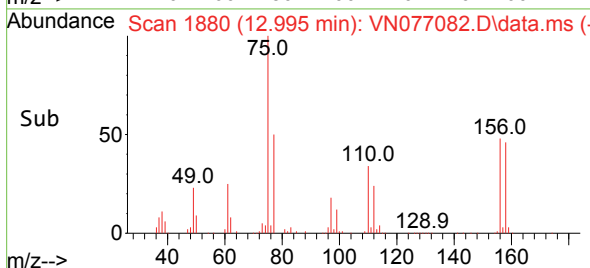
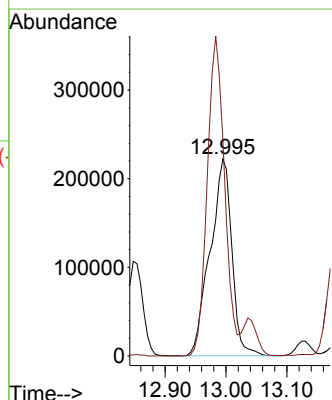
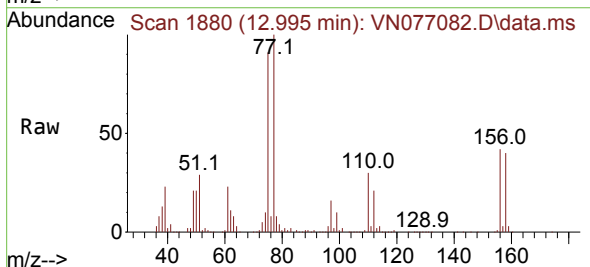
Acq: 21 Mar 2023 10:48

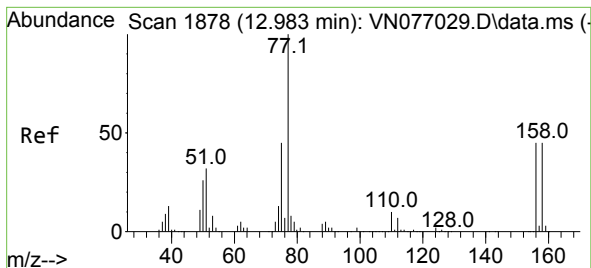
Tgt Ion: 75 Resp: 550075

Ion Ratio Lower Upper

75 100

77 129.3 107.3 322.0





#77

Bromobenzene

Concen: 52.004 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

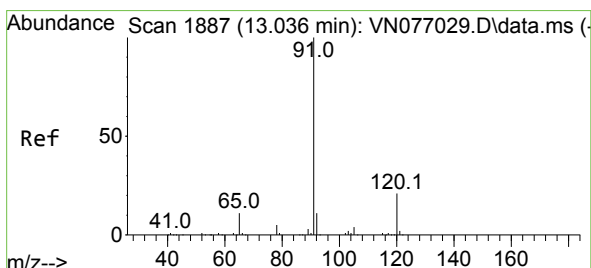
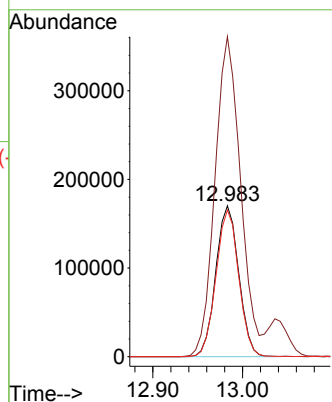
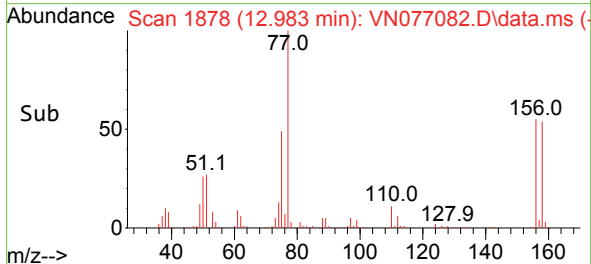
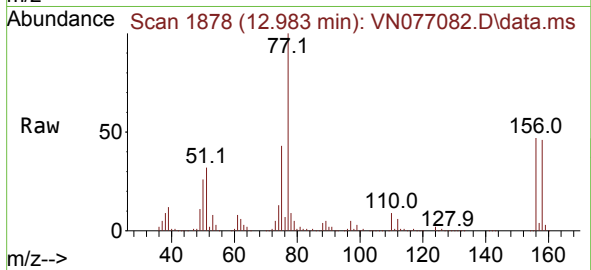
Tgt Ion:156 Resp: 301898

Ion Ratio Lower Upper

156 100

77 235.6 124.8 374.3

158 96.4 48.6 145.9



#78

n-propylbenzene

Concen: 57.491 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN077082.D

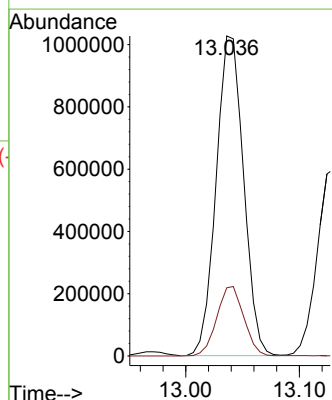
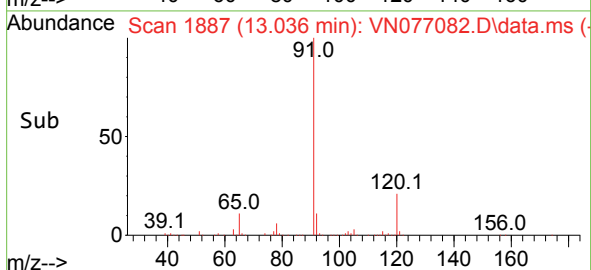
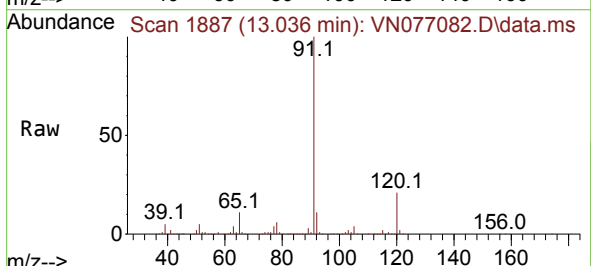
Acq: 21 Mar 2023 10:48

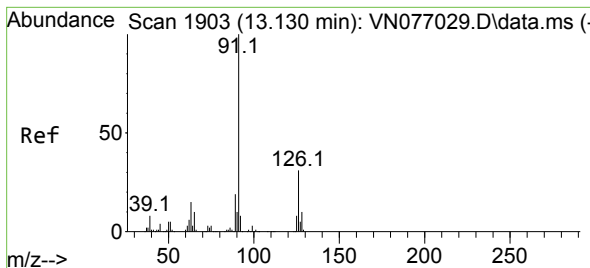
Tgt Ion: 91 Resp: 1719895

Ion Ratio Lower Upper

91 100

120 21.5 10.8 32.3





#79

2-Chlorotoluene

Concen: 54.060 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Instrument :

MSVOA_N

ClientSampleId :

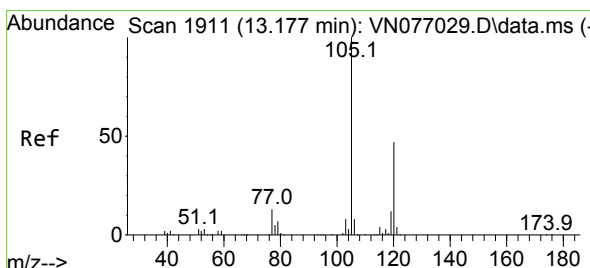
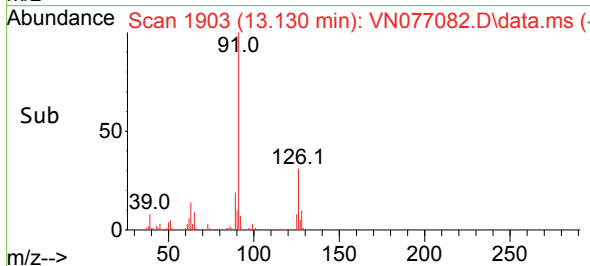
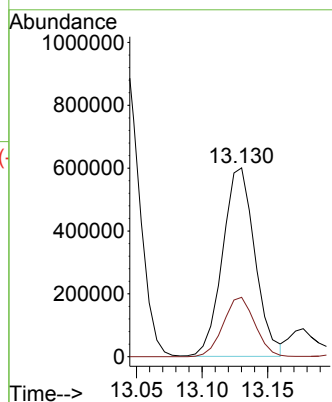
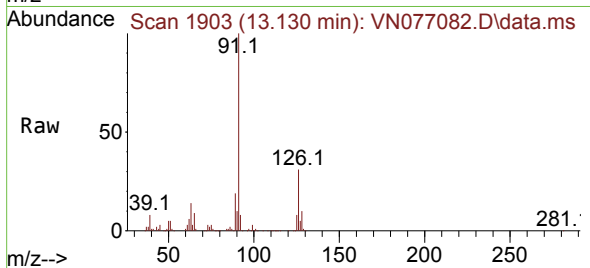
VSTDCCC050

Tgt Ion: 91 Resp: 1030505

Ion Ratio Lower Upper

91 100

126 30.9 15.2 45.5



#80

1,3,5-Trimethylbenzene

Concen: 57.071 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077082.D

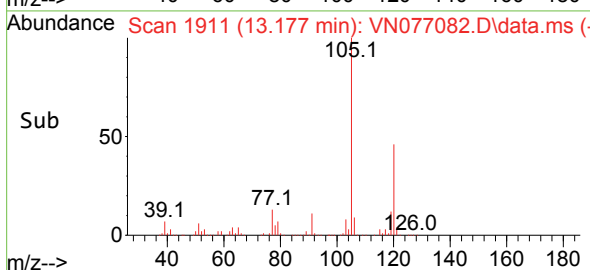
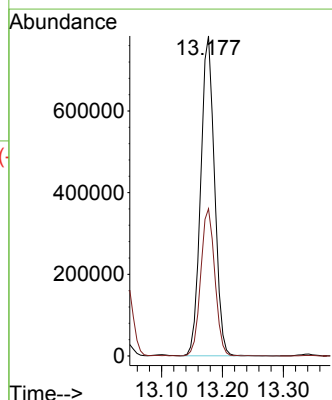
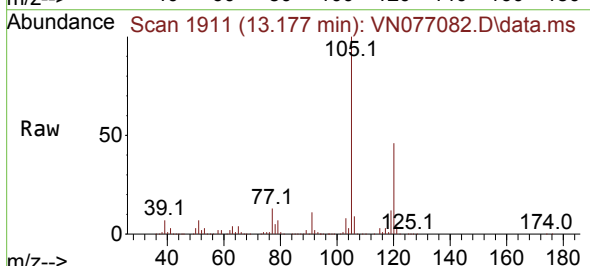
Acq: 21 Mar 2023 10:48

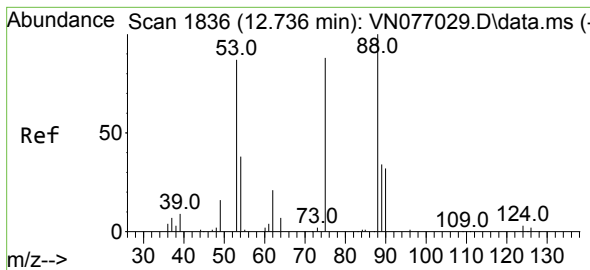
Tgt Ion: 105 Resp: 1234810

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.2

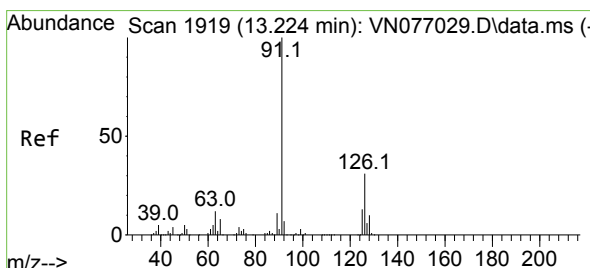
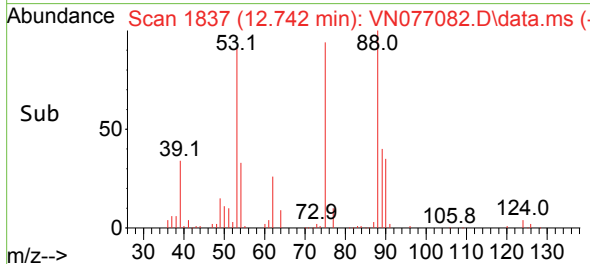
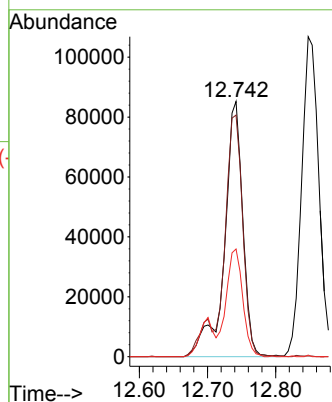
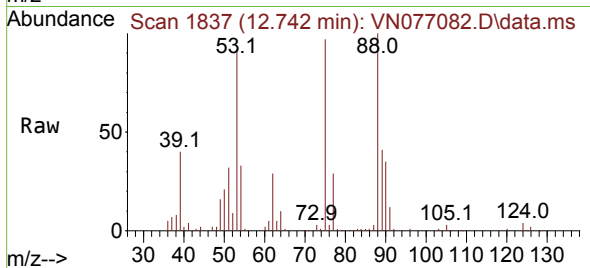




#81
trans-1,4-Dichloro-2-butene
Concen: 58.894 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

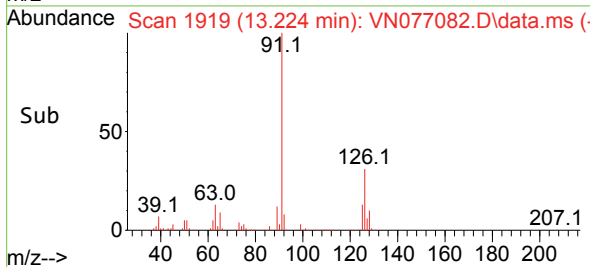
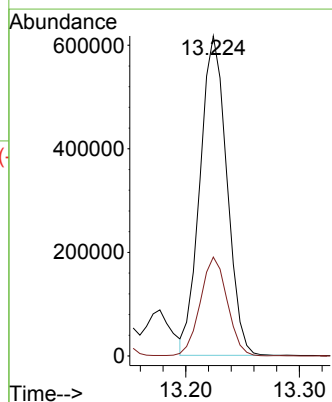
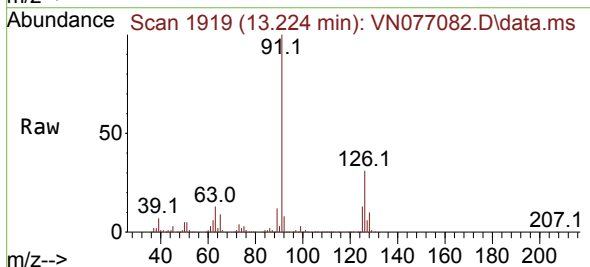
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

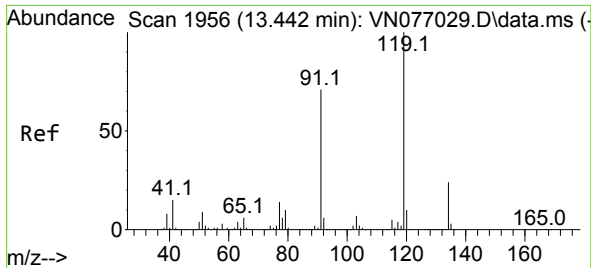
Tgt Ion: 75 Resp: 160040
Ion Ratio Lower Upper
75 100
53 88.8 80.8 121.2
89 38.1 34.2 51.4



#82
4-Chlorotoluene
Concen: 55.863 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 91 Resp: 1012613
Ion Ratio Lower Upper
91 100
126 31.2 15.5 46.5

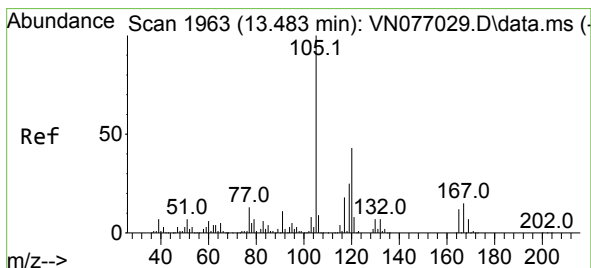
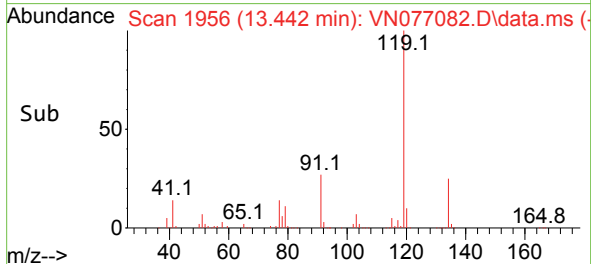
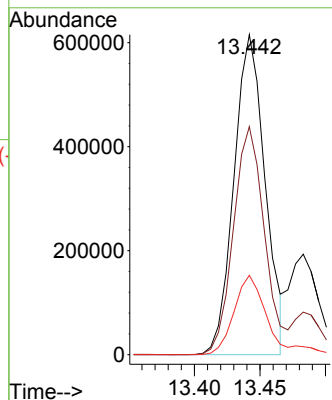
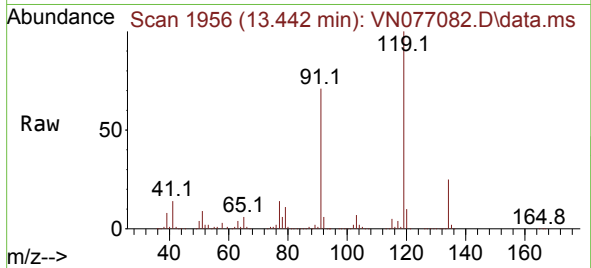




#83
tert-Butylbenzene
Concen: 56.072 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

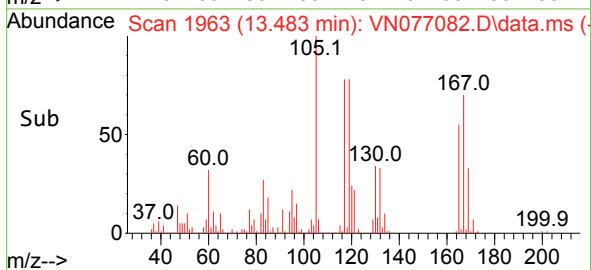
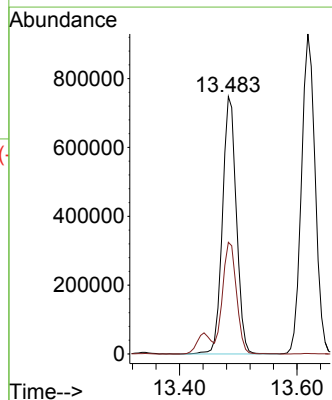
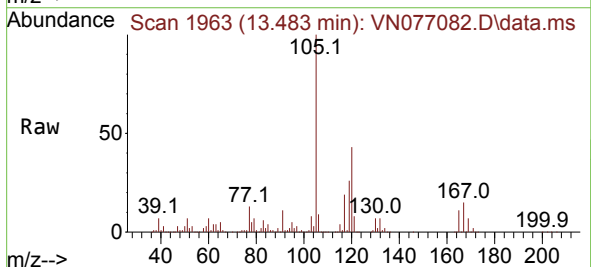
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

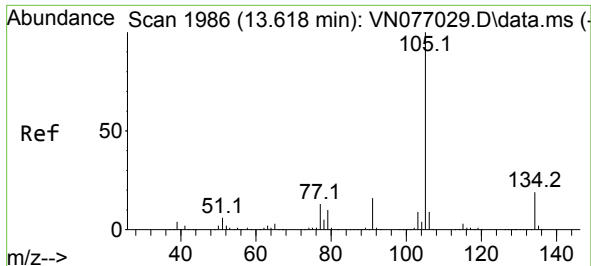
Tgt Ion:119 Resp: 1018617
Ion Ratio Lower Upper
119 100
91 71.4 35.8 107.3
134 26.7 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 56.919 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion:105 Resp: 1228983
Ion Ratio Lower Upper
105 100
120 43.2 21.8 65.3

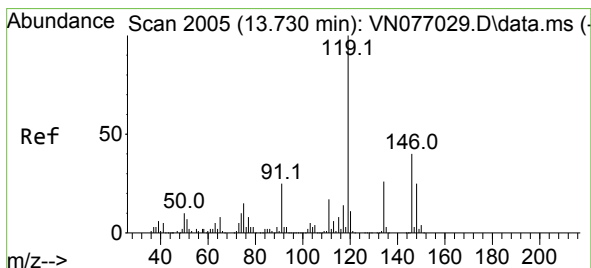
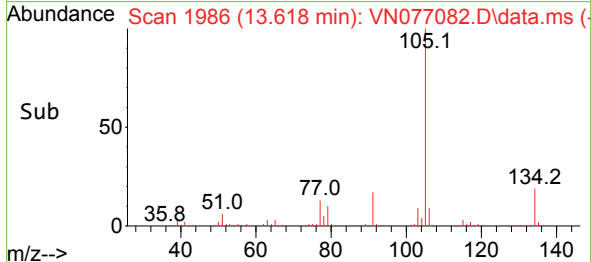
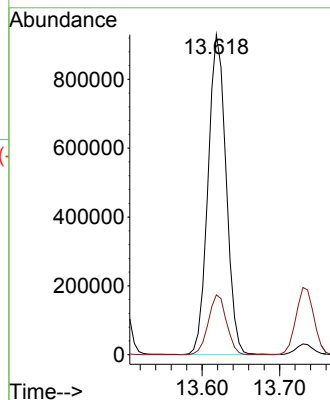
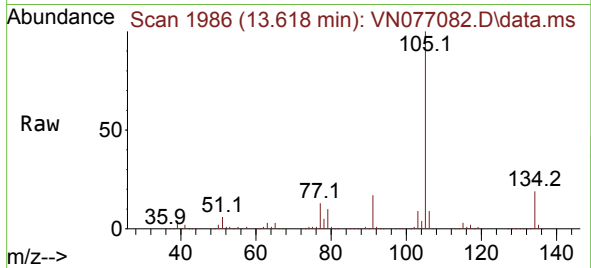




#85
 sec-Butylbenzene
 Concen: 58.188 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077082.D
 Acq: 21 Mar 2023 10:48

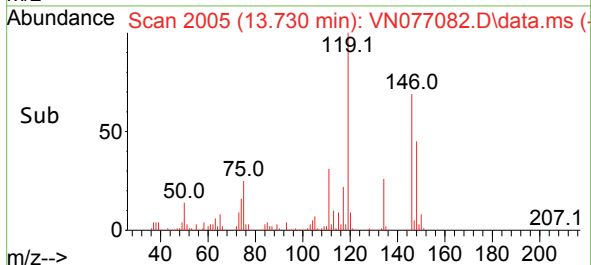
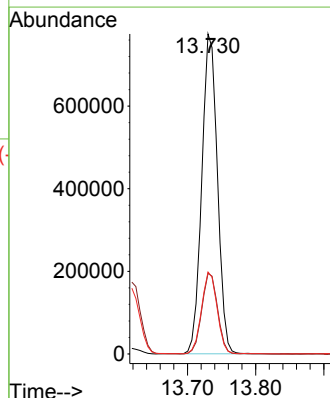
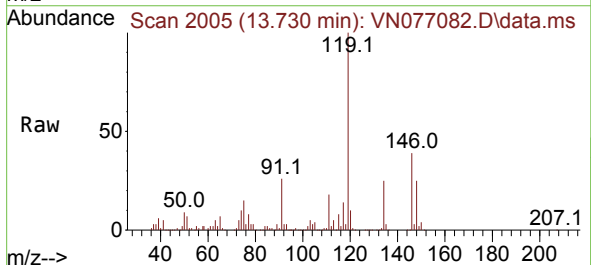
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

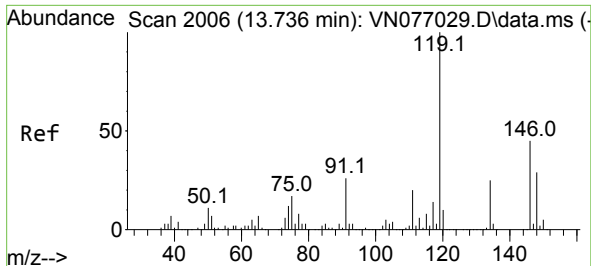
Tgt Ion:105 Resp: 1503667
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.3 27.9



#86
 p-Isopropyltoluene
 Concen: 59.595 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077082.D
 Acq: 21 Mar 2023 10:48

Tgt Ion:119 Resp: 1236729
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 25.2 12.7 38.1

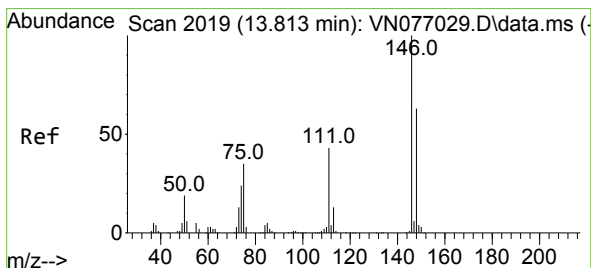
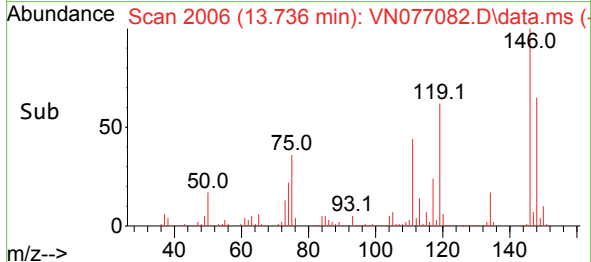
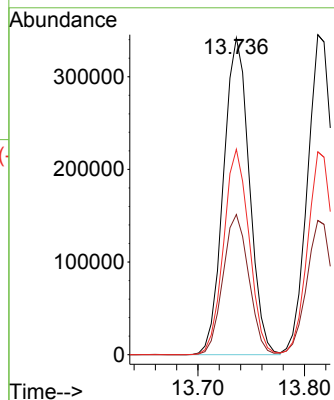
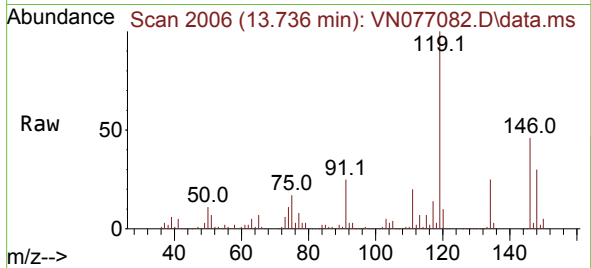




#87
 1,3-Dichlorobenzene
 Concen: 52.552 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077082.D
 Acq: 21 Mar 2023 10:48

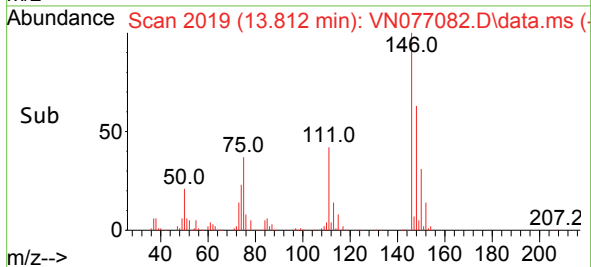
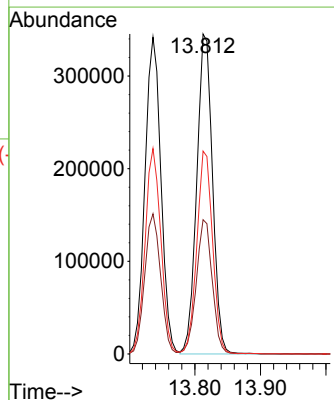
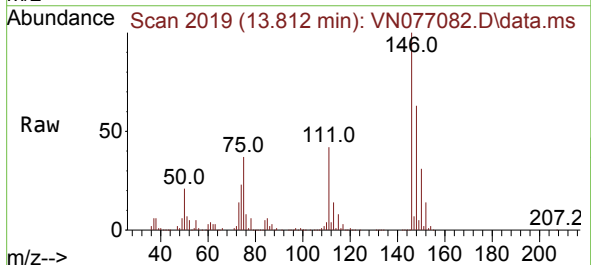
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

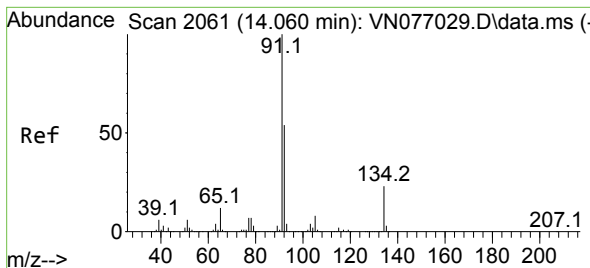
Tgt Ion:146 Resp: 576596
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.9 65.5
 148 63.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 53.083 ug/l
 RT: 13.812 min Scan# 2019
 Delta R.T. -0.001 min
 Lab File: VN077082.D
 Acq: 21 Mar 2023 10:48

Tgt Ion:146 Resp: 579468
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.5 64.5
 148 62.9 31.9 95.9





#89

n-Butylbenzene

Concen: 61.382 ug/l

RT: 14.059 min Scan# 2061

Delta R.T. -0.001 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

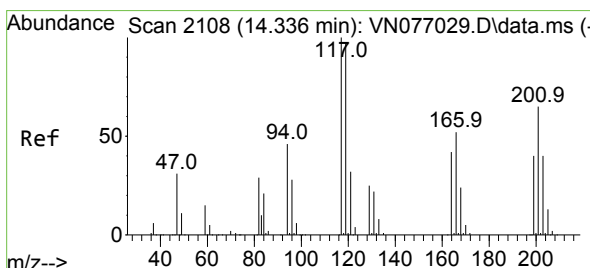
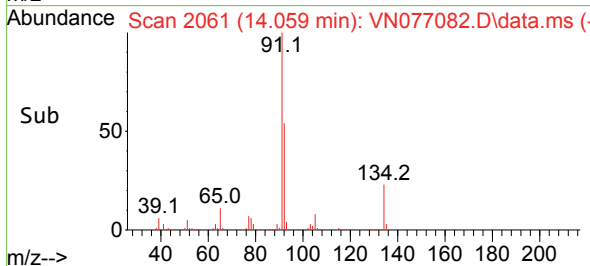
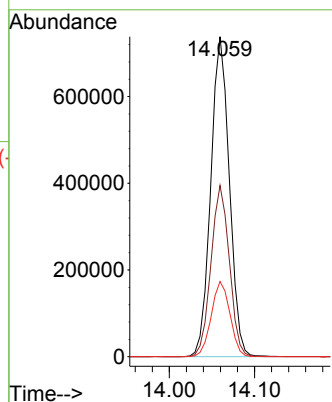
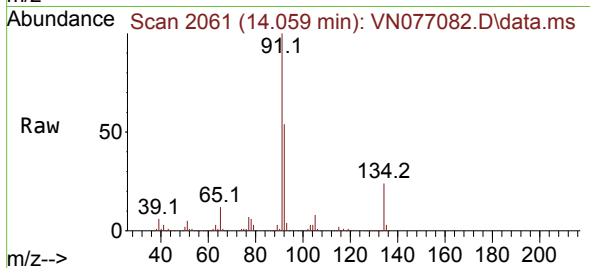
Tgt Ion: 91 Resp: 1117482

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 23.7 11.7 35.1



#90

Hexachloroethane

Concen: 52.573 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077082.D

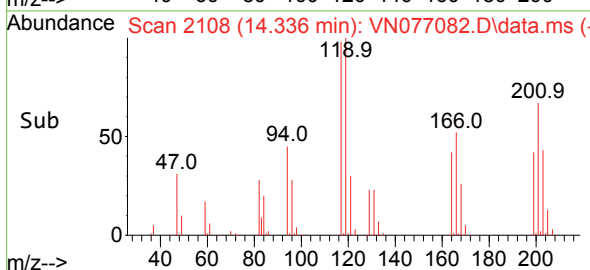
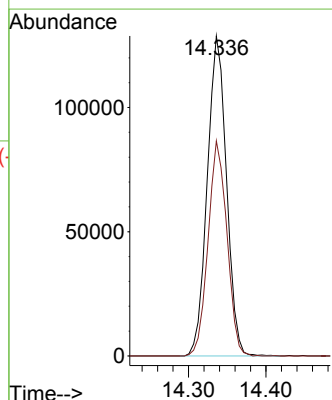
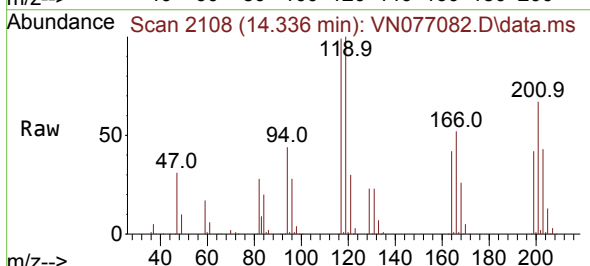
Acq: 21 Mar 2023 10:48

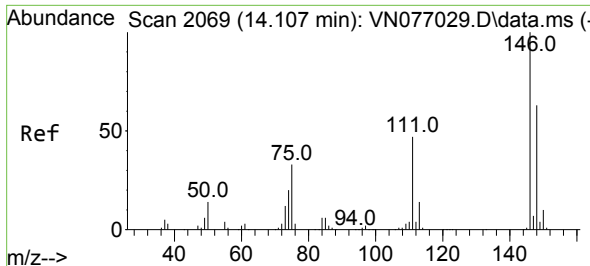
Tgt Ion: 117 Resp: 221817

Ion Ratio Lower Upper

117 100

201 65.8 32.5 97.4

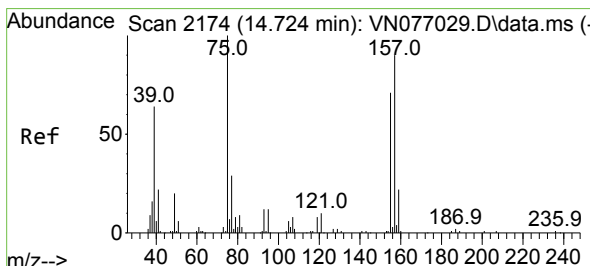
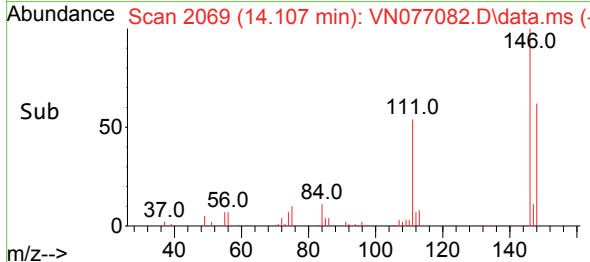
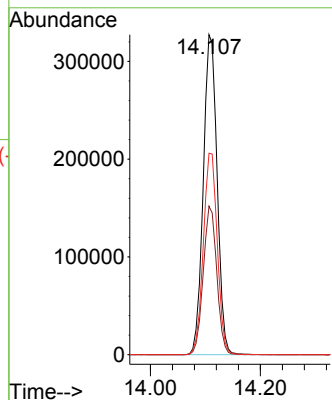
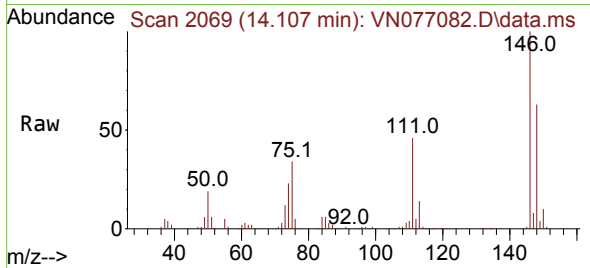




#91
1,2-Dichlorobenzene
Concen: 52.355 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

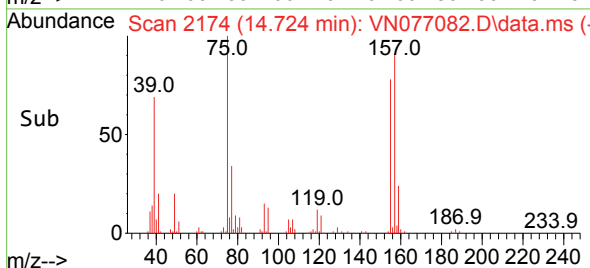
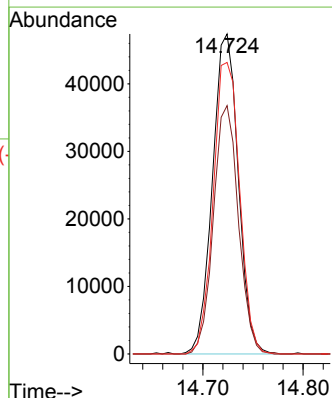
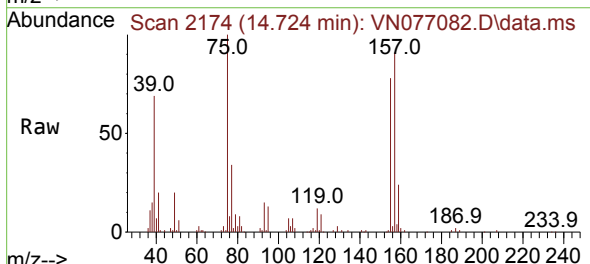
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MSVOA_N
ClientSampleId :
VSTDCCC050

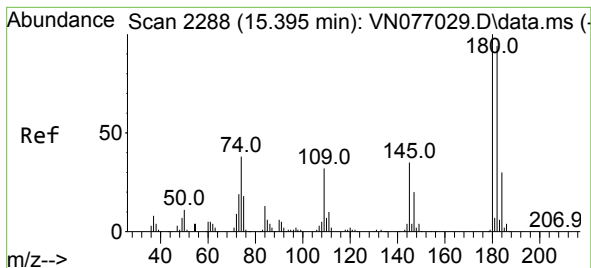
Tgt Ion:146 Resp: 572587
Ion Ratio Lower Upper
146 100
111 45.5 22.6 67.7
148 63.4 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.683 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion: 75 Resp: 84694
Ion Ratio Lower Upper
75 100
155 75.5 36.1 108.3
157 93.1 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 61.544 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

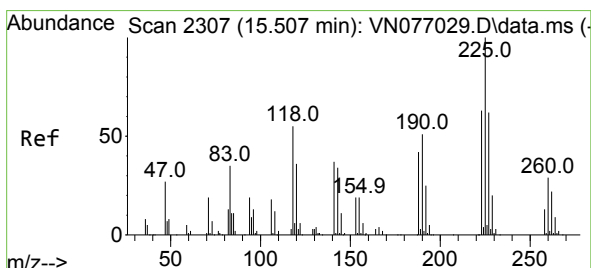
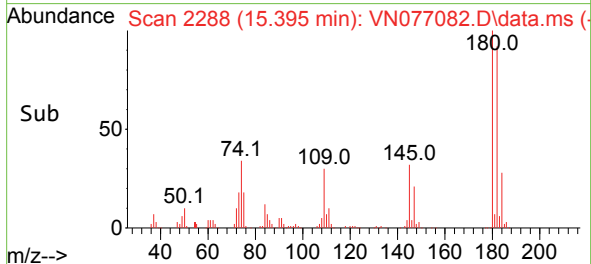
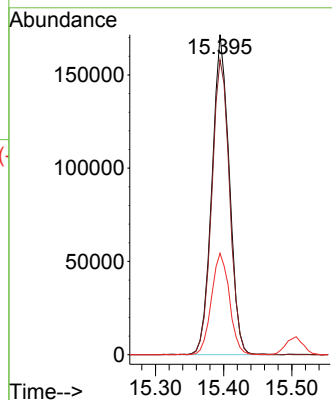
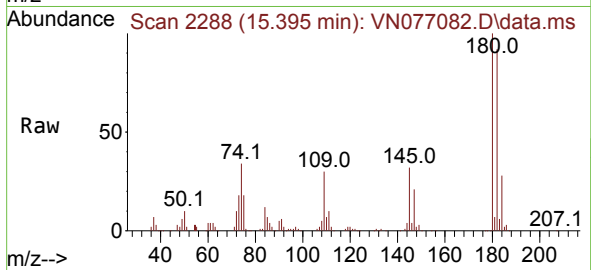
Tgt Ion:180 Resp: 304275

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.9

145 32.8 16.9 50.7



#94

Hexachlorobutadiene

Concen: 56.092 ug/l

RT: 15.506 min Scan# 2307

Delta R.T. -0.001 min

Lab File: VN077082.D

Acq: 21 Mar 2023 10:48

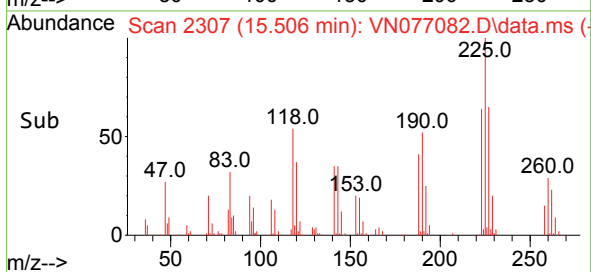
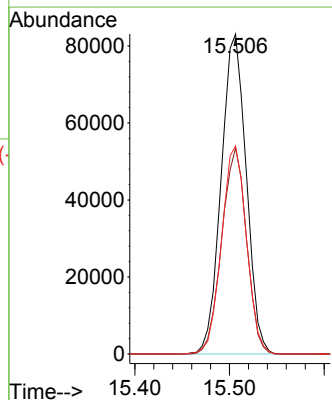
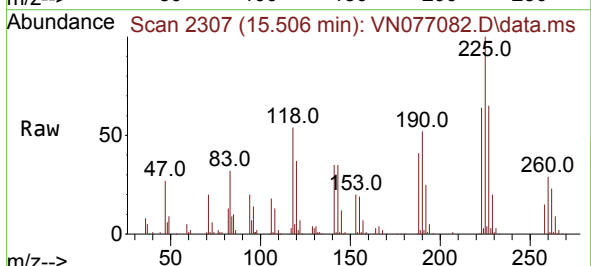
Tgt Ion:225 Resp: 152725

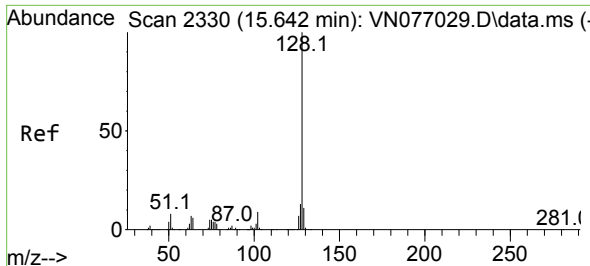
Ion Ratio Lower Upper

225 100

223 63.6 31.6 95.0

227 64.6 31.3 93.8

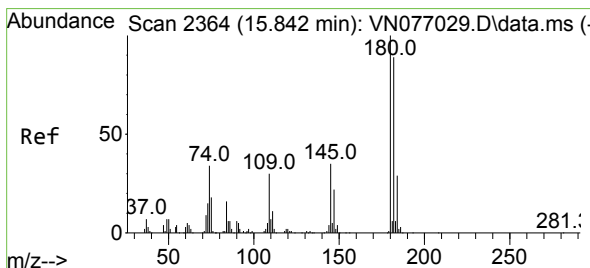
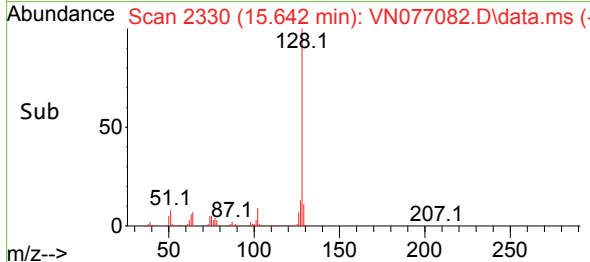
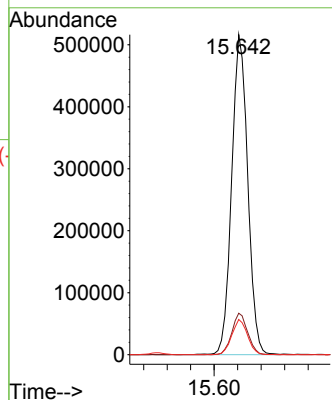
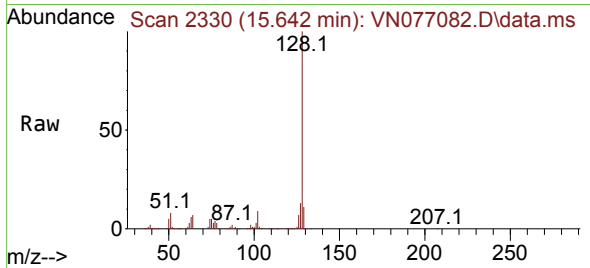




#95
Naphthalene
Concen: 50.943 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 979474
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 59.139 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077082.D
Acq: 21 Mar 2023 10:48

Tgt Ion:180 Resp: 293378
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 35.7 17.9 53.8

