

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077551.D
 Acq On : 03 May 2023 10:00
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: May 04 04:39:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	671715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1275555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1159602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	494211	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	459087	52.377	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.760%	
35) Dibromofluoromethane	8.172	113	410077	53.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.980%	
50) Toluene-d8	10.566	98	1533630	52.194	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	12.848	95	544569	56.647	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.300%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.137	85	355167	41.473	ug/l	99
3) Chloromethane	2.372	50	282126	41.900	ug/l	100
4) Vinyl Chloride	2.525	62	387306	43.179	ug/l	99
5) Bromomethane	2.948	94	315062	40.549	ug/l	97
6) Chloroethane	3.125	64	261934	38.437	ug/l	100
7) Trichlorofluoromethane	3.507	101	616171	46.738	ug/l	96
8) Diethyl Ether	3.966	74	235474	49.152	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.384	101	324804	42.362	ug/l	99
10) Methyl Iodide	4.601	142	434551	46.132	ug/l	99
11) Tert butyl alcohol	5.531	59	295736	210.173	ug/l	99
12) 1,1-Dichloroethene	4.348	96	341682	45.581	ug/l	97
13) Acrolein	4.190	56	314578	224.734	ug/l	99
14) Allyl chloride	5.037	41	349766	41.968	ug/l	91
15) Acrylonitrile	5.725	53	779194	244.101	ug/l	99
16) Acetone	4.431	43	554260	198.764	ug/l	97
17) Carbon Disulfide	4.725	76	765759	40.202	ug/l	100
18) Methyl Acetate	5.031	43	516943	48.005	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	1290712	51.774	ug/l	93
20) Methylene Chloride	5.284	84	414231	46.841	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	390003	48.114	ug/l	98
22) Diisopropyl ether	6.678	45	924439	48.331	ug/l	97
23) Vinyl Acetate	6.607	43	2766739	231.615	ug/l	99
24) 1,1-Dichloroethane	6.572	63	673541	49.747	ug/l	98
25) 2-Butanone	7.483	43	884696	223.686	ug/l	100
26) 2,2-Dichloropropane	7.495	77	489117	37.257	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	482731	50.285	ug/l	95
28) Bromochloromethane	7.819	49	266339	51.512	ug/l	89
29) Tetrahydrofuran	7.836	42	590900	238.452	ug/l	99
30) Chloroform	7.972	83	800199	52.442	ug/l	96
31) Cyclohexane	8.260	56	459222	36.984	ug/l	93
32) 1,1,1-Trichloroethane	8.172	97	724937	51.676	ug/l	97
36) 1,1-Dichloropropene	8.372	75	538607	48.628	ug/l	99
37) Ethyl Acetate	7.566	43	377122	44.807	ug/l	99
38) Carbon Tetrachloride	8.366	117	613951	50.239	ug/l	98
39) Methylcyclohexane	9.601	83	573430	39.295	ug/l	98
40) Benzene	8.607	78	1701935	50.440	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	203704	46.469	ug/l	94
42) 1,2-Dichloroethane	8.672	62	571749	49.335	ug/l	98
43) Isopropyl Acetate	8.689	43	683792	46.962	ug/l	96
44) Trichloroethene	9.354	130	434890	50.338	ug/l	100
45) 1,2-Dichloropropane	9.625	63	394359	49.894	ug/l	95
46) Dibromomethane	9.713	93	319153	49.764	ug/l	96
47) Bromodichloromethane	9.889	83	659085	53.129	ug/l	99
48) Methyl methacrylate	9.683	41	300053	45.271	ug/l	95
49) 1,4-Dioxane	9.695	88	154044	926.584	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	1967971	230.429	ug/l	97
52) Toluene	10.630	92	1140277	51.585	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	640487	50.987	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	684981	50.097	ug/l	95
55) 1,1,2-Trichloroethane	11.019	97	461589	51.929	ug/l	99
56) Ethyl methacrylate	10.877	69	640238	51.403	ug/l	94
57) 1,3-Dichloropropane	11.166	76	746672	52.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	1001429	237.710	ug/l	98
59) 2-Hexanone	11.195	43	1400777	225.641	ug/l	96
60) Dibromochloromethane	11.360	129	497955	53.978	ug/l	99
61) 1,2-Dibromoethane	11.471	107	475346	52.380	ug/l	98
64) Tetrachloroethene	11.107	164	337338	48.597	ug/l	99
65) Chlorobenzene	11.895	112	1220003	49.719	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	449914	50.396	ug/l	98
67) Ethyl Benzene	11.966	91	2147928	49.725	ug/l	99
68) m/p-Xylenes	12.071	106	1688486	100.574	ug/l	100
69) o-Xylene	12.401	106	854557	51.749	ug/l	98
70) Styrene	12.413	104	1389297	53.797	ug/l	99
71) Bromoform	12.583	173	315444	54.007	ug/l #	100
73) Isopropylbenzene	12.695	105	2165823	47.226	ug/l	100
74) N-amyl acetate	12.495	43	570909	42.049	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.942	83	653701	45.366	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	758356	65.988	ug/l	72
77) Bromobenzene	12.983	156	469572	46.981	ug/l	98
78) n-propylbenzene	13.036	91	2439885	48.116	ug/l	100
79) 2-Chlorotoluene	13.124	91	1495092	47.821	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1843895	54.141	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.742	75	170805	41.989	ug/l	99
82) 4-Chlorotoluene	13.224	91	1441164	49.331	ug/l	99
83) tert-Butylbenzene	13.442	119	1549139	46.838	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1775223	55.812	ug/l	100
85) sec-Butylbenzene	13.618	105	2195495	48.362	ug/l	99
86) p-Isopropyltoluene	13.730	119	1761383	50.427	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	863904	48.602	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	857940	48.883	ug/l	99
89) n-Butylbenzene	14.060	91	1420667	52.556	ug/l	99
90) Hexachloroethane	14.336	117	356082	46.144	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	865673	49.102	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	117639	44.148	ug/l	96
93) 1,2,4-Trichlorobenzene	15.395	180	265984	47.796	ug/l	96
94) Hexachlorobutadiene	15.507	225	171606	48.169	ug/l	97
95) Naphthalene	15.642	128	1028272	48.409	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	251384	48.138	ug/l	97

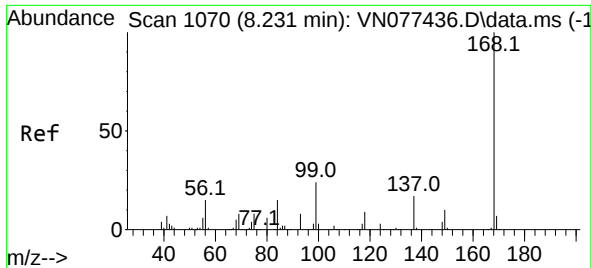
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Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:50:59 2023
Response via : Initial Calibration

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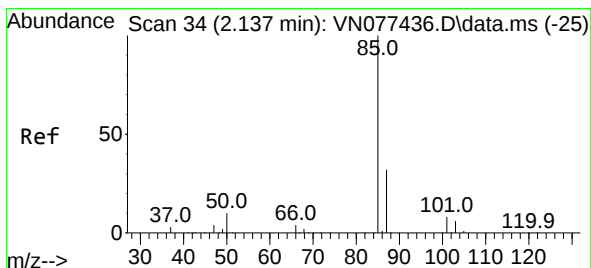
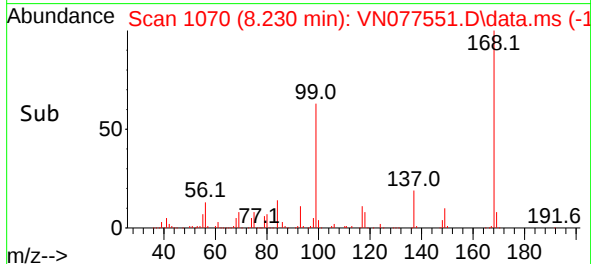
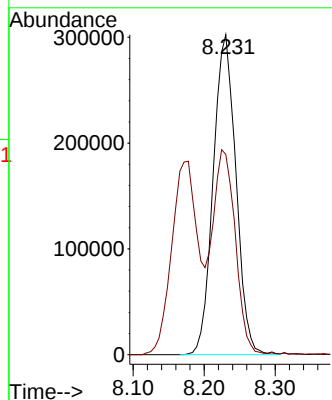
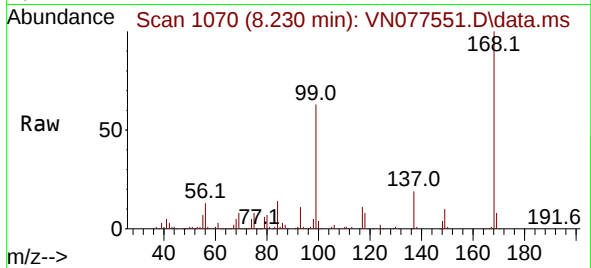
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

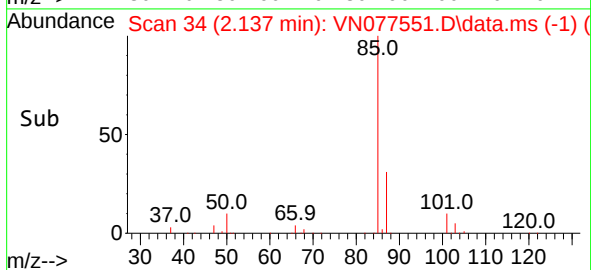
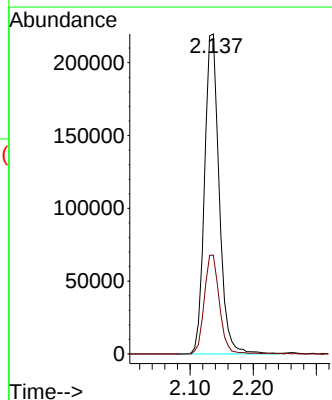
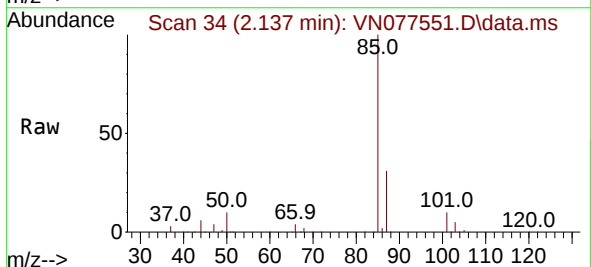
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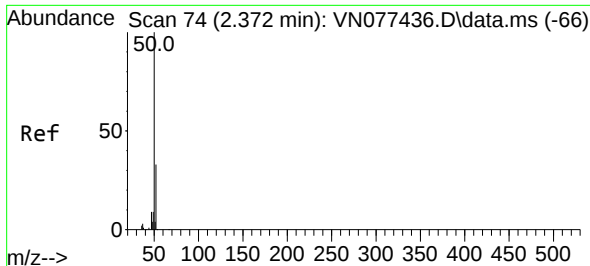
Tgt Ion:168 Resp: 671715
Ion Ratio Lower Upper
168 100
99 62.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 41.473 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 85 Resp: 355167
Ion Ratio Lower Upper
85 100
87 30.9 15.8 47.4

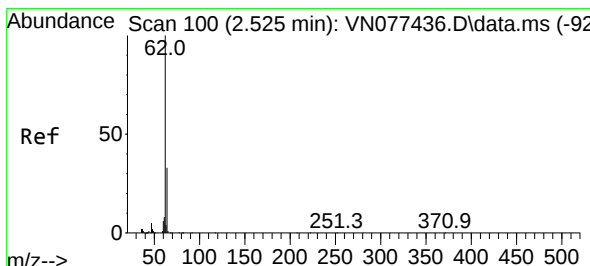
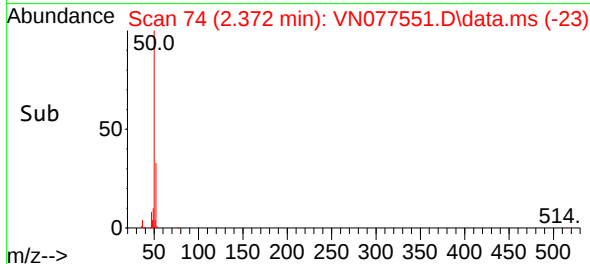
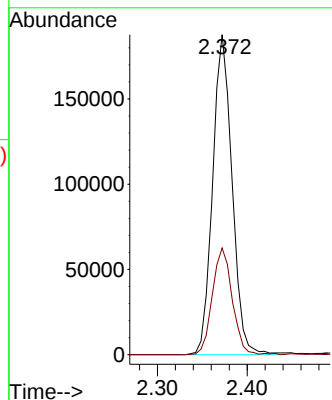
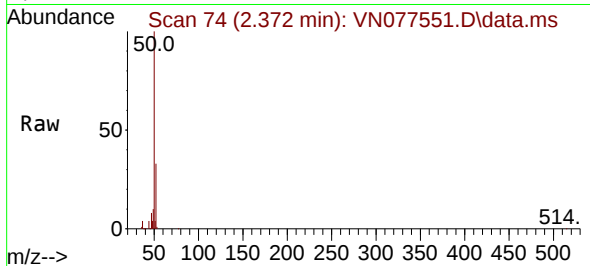




#3
Chloromethane
Concen: 41.900 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

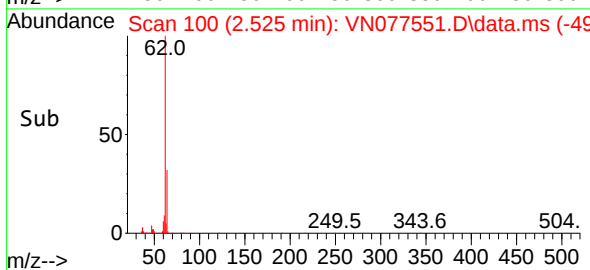
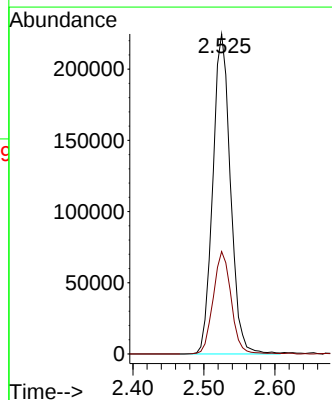
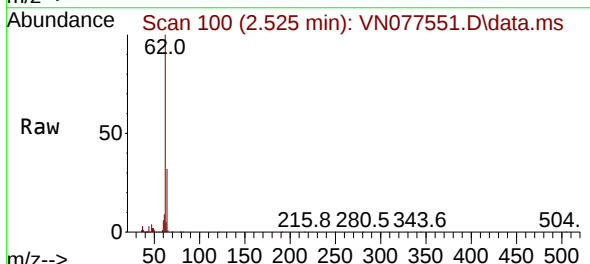
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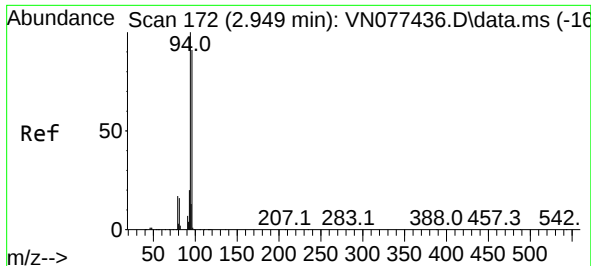
Tgt Ion: 50 Resp: 282126
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7



#4
Vinyl Chloride
Concen: 43.179 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 62 Resp: 387306
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2

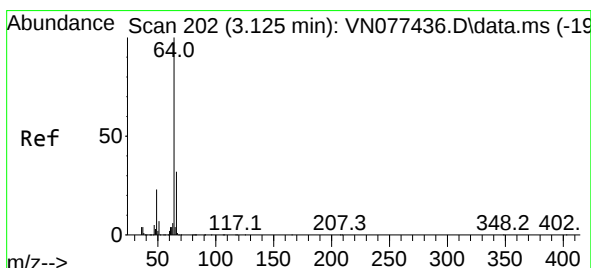
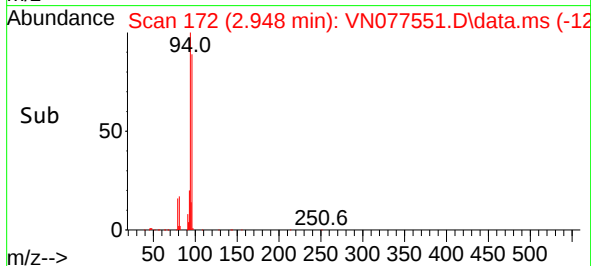
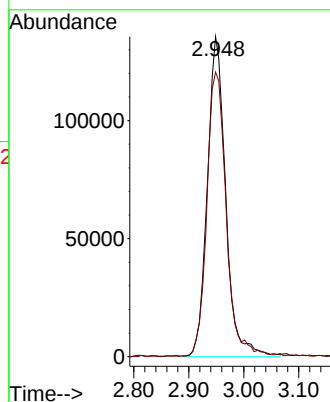
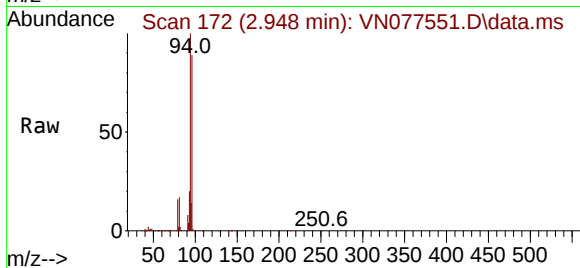




#5
Bromomethane
Concen: 40.549 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

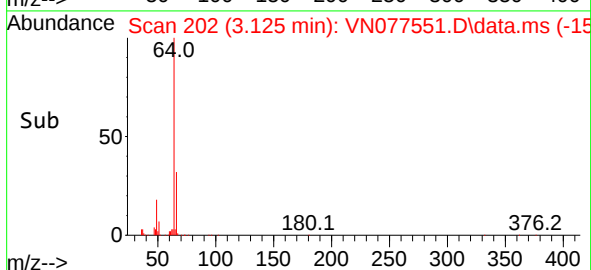
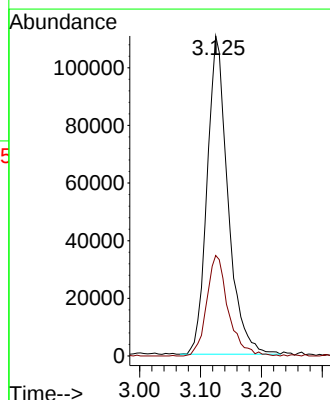
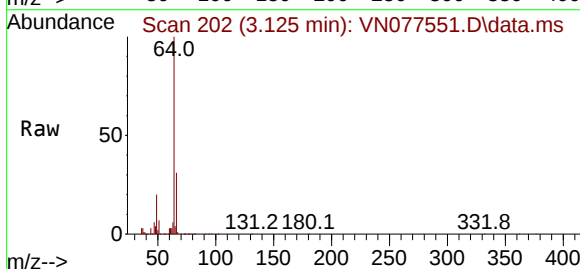
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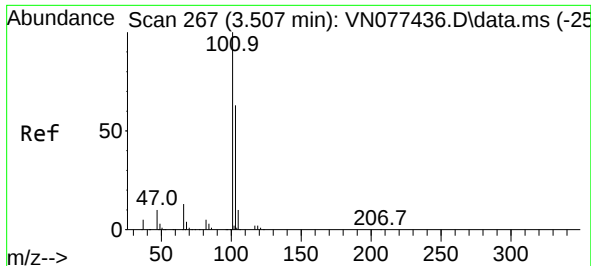
Tgt Ion: 94 Resp: 315062
Ion Ratio Lower Upper
94 100
96 88.7 73.1 109.7



#6
Chloroethane
Concen: 38.437 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 64 Resp: 261934
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.2

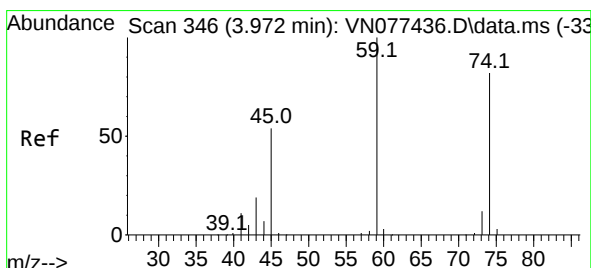
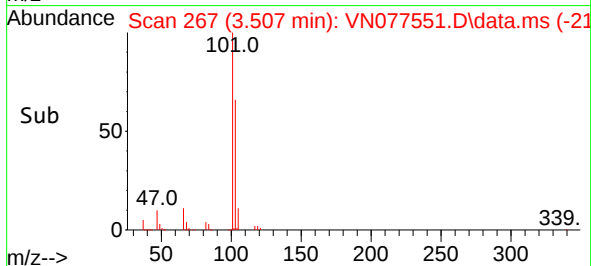
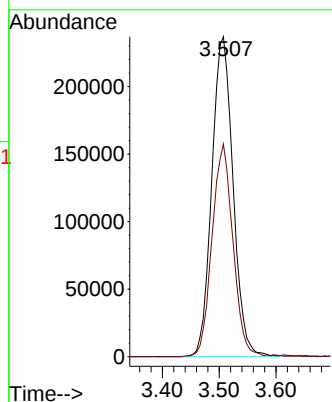
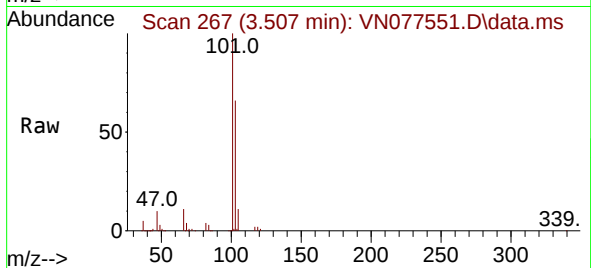




#7
 Trichlorofluoromethane
 Concen: 46.738 ug/l
 RT: 3.507 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077551.D
 Acq: 03 May 2023 10:00

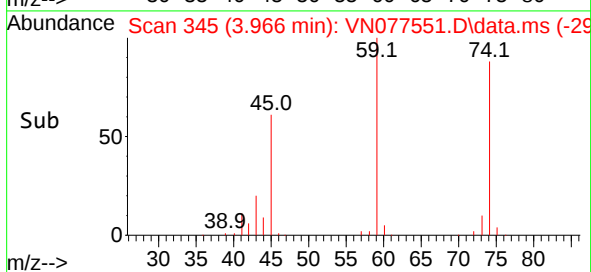
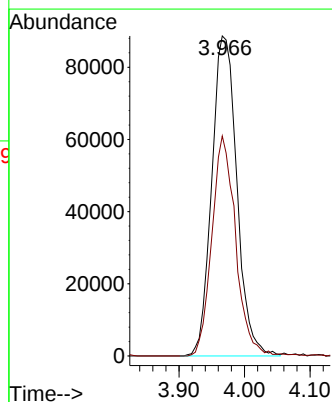
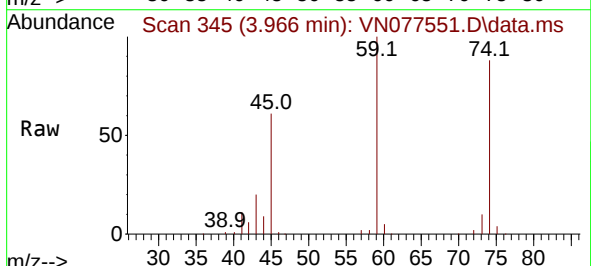
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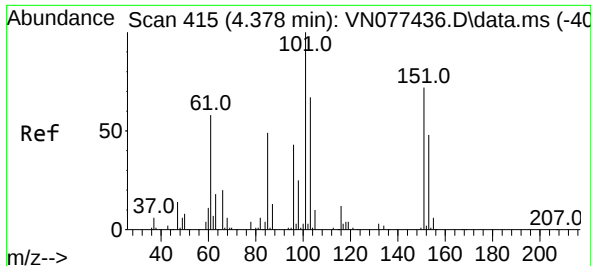
Tgt Ion:101 Resp: 616171
 Ion Ratio Lower Upper
 101 100
 103 66.5 50.7 76.1



#8
 Diethyl Ether
 Concen: 49.152 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. -0.006 min
 Lab File: VN077551.D
 Acq: 03 May 2023 10:00

Tgt Ion: 74 Resp: 235474
 Ion Ratio Lower Upper
 74 100
 45 64.9 34.4 103.3

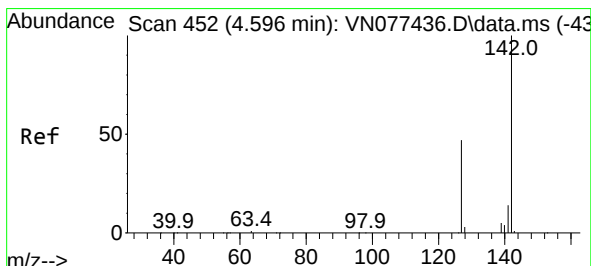
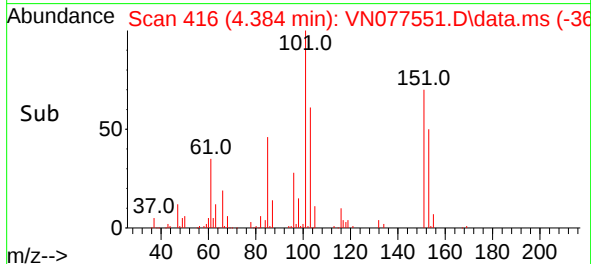
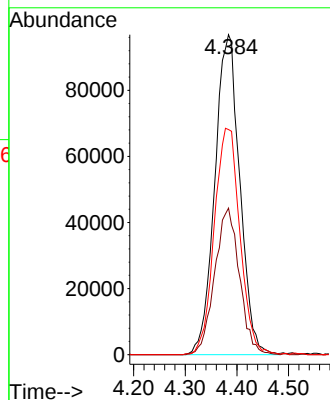
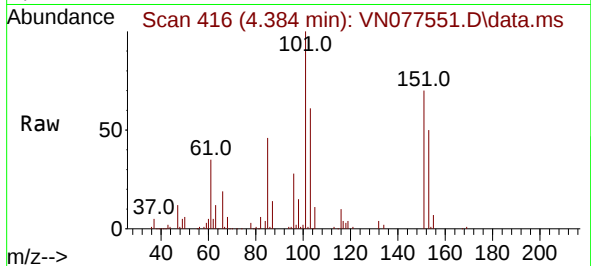




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.362 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

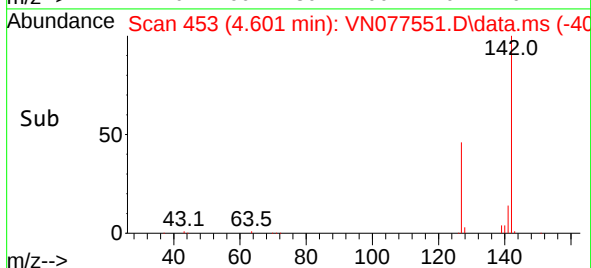
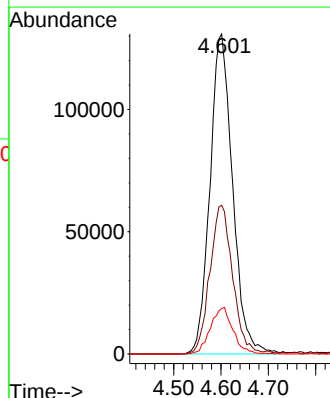
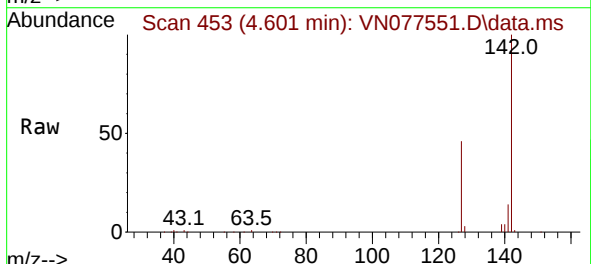
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

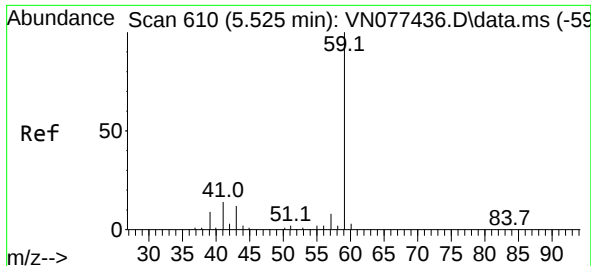
Tgt Ion:101 Resp: 324804
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 72.8 57.6 86.4



#10
Methyl Iodide
Concen: 46.132 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion:142 Resp: 434551
Ion Ratio Lower Upper
142 100
127 46.5 37.6 56.4
141 14.2 11.4 17.0

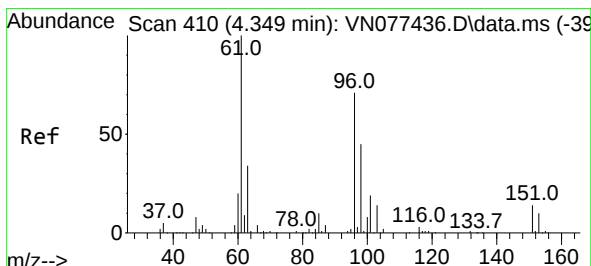
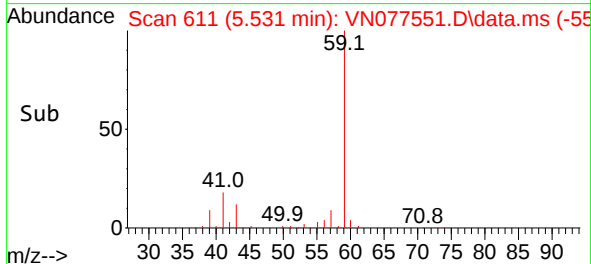
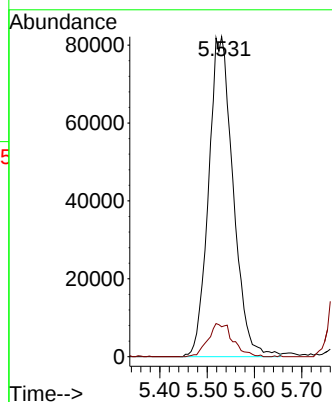
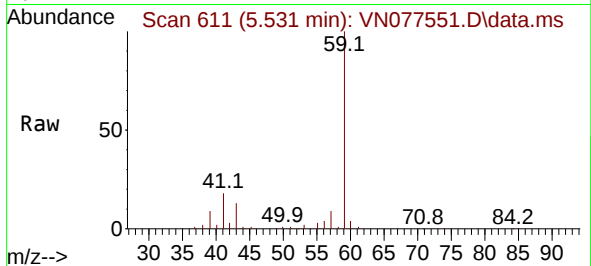




#11
Tert butyl alcohol
Concen: 210.173 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

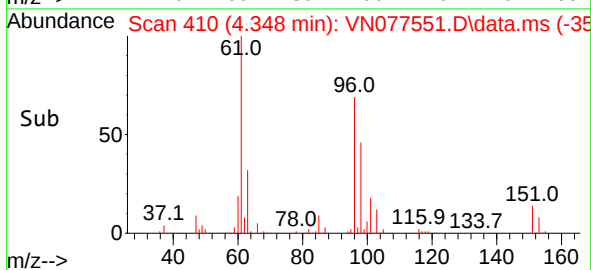
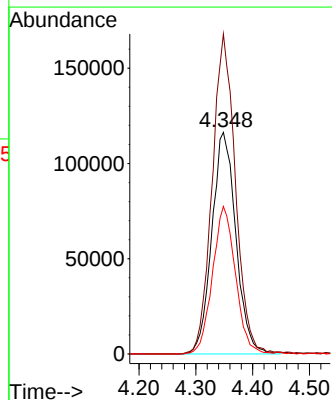
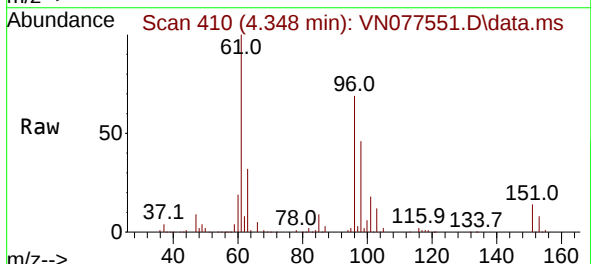
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

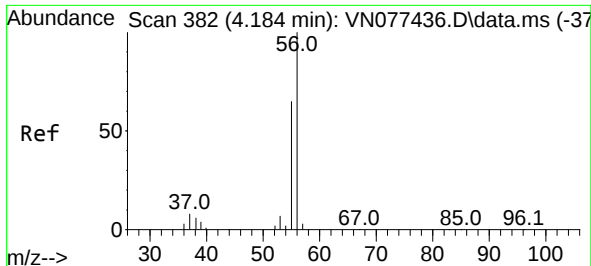
Tgt Ion: 59 Resp: 295736
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 45.581 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 96 Resp: 341682
Ion Ratio Lower Upper
96 100
61 144.3 112.7 169.1
98 66.5 51.2 76.8





#13

Acrolein

Concen: 224.734 ug/l

RT: 4.190 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

Instrument :

MSVOA_N

ClientSampleId :

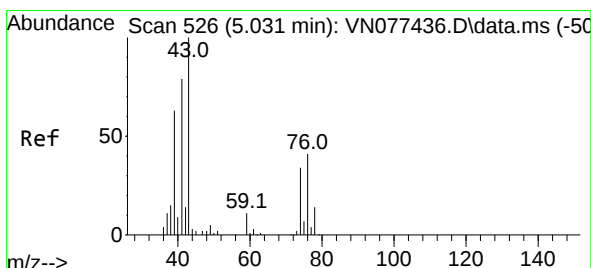
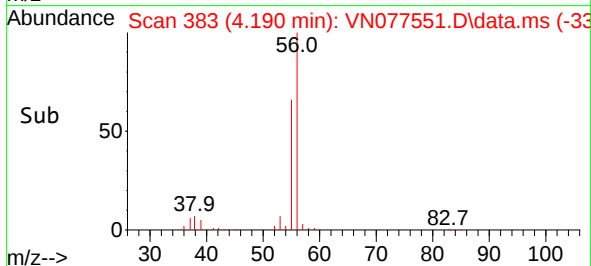
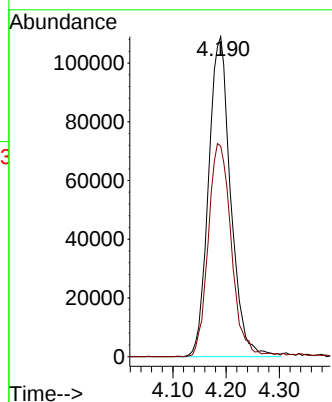
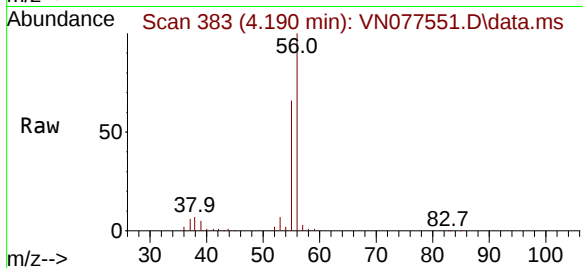
VSTDCCC050

Tgt Ion: 56 Resp: 314578

Ion Ratio Lower Upper

56 100

55 68.9 54.5 81.7



#14

Allyl chloride

Concen: 41.968 ug/l

RT: 5.037 min Scan# 527

Delta R.T. 0.006 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

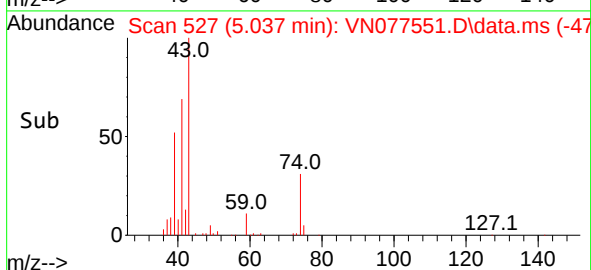
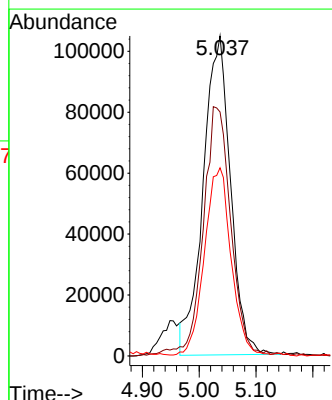
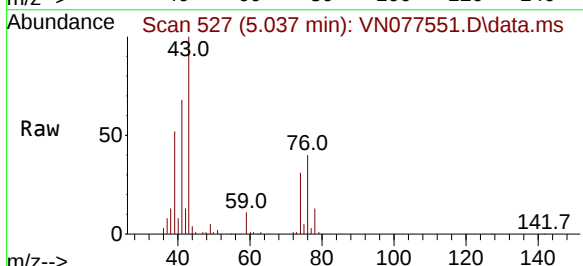
Tgt Ion: 41 Resp: 349766

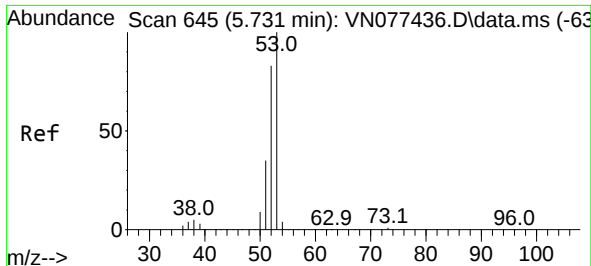
Ion Ratio Lower Upper

41 100

39 79.4 58.8 88.2

76 56.9 39.1 58.7

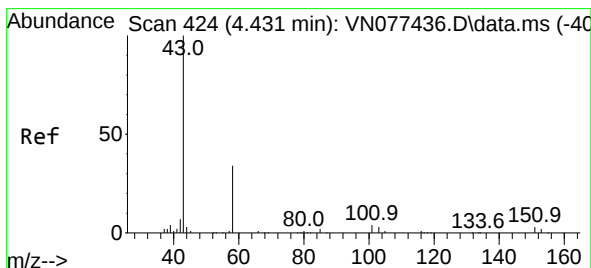
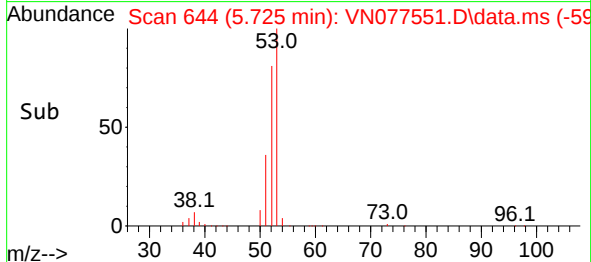
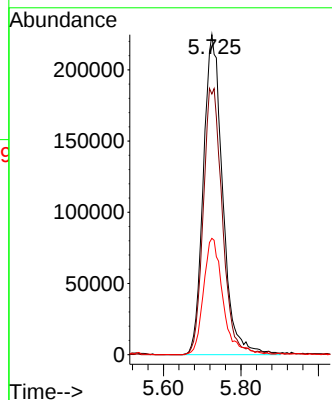
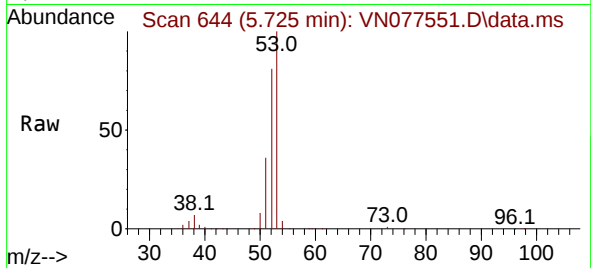




#15
Acrylonitrile
Concen: 244.101 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

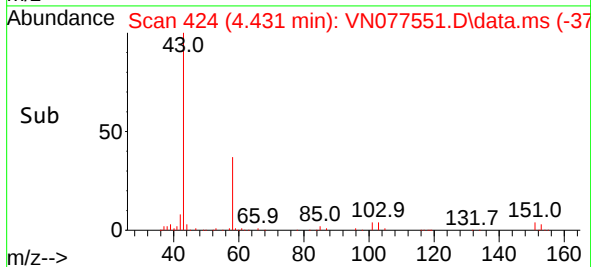
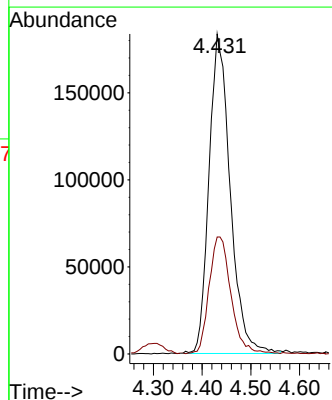
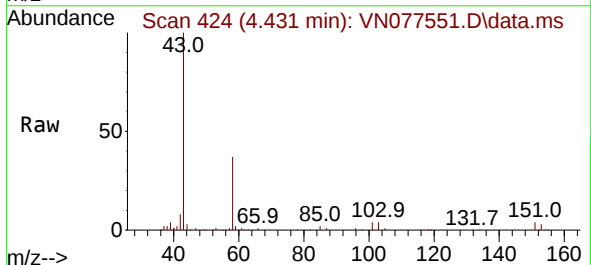
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

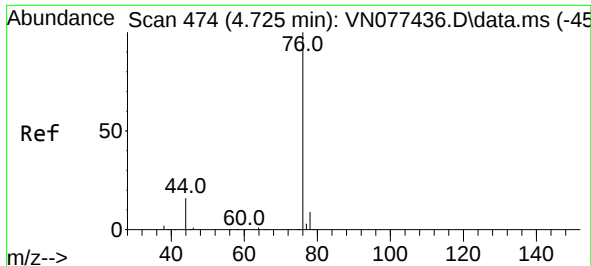
Tgt Ion: 53 Resp: 779194
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 36.8 28.9 43.3



#16
Acetone
Concen: 198.764 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 43 Resp: 554260
Ion Ratio Lower Upper
43 100
58 36.5 28.0 42.0

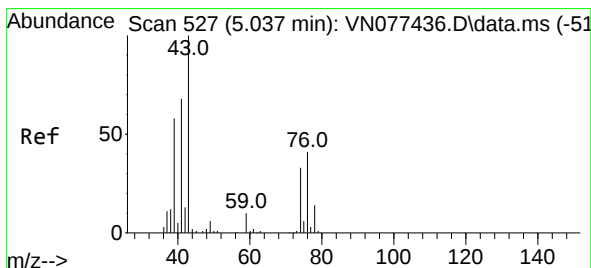
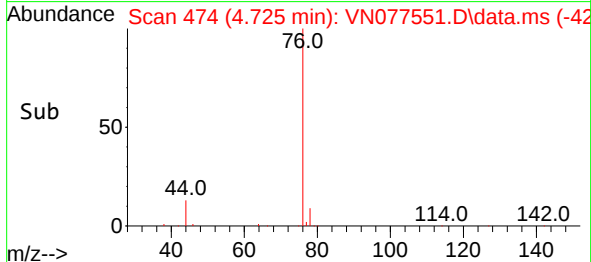
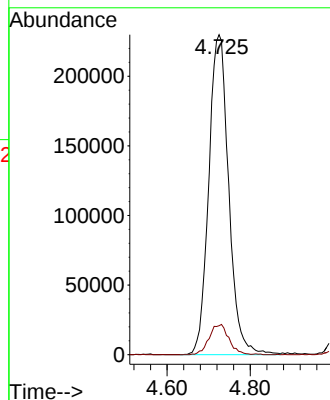
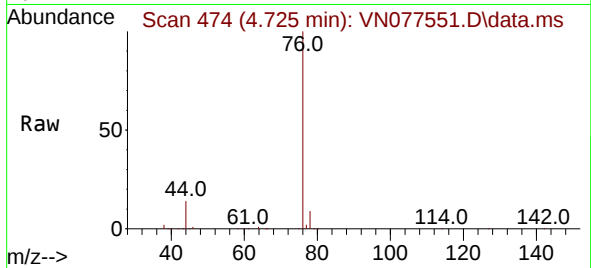




#17
Carbon Disulfide
Concen: 40.202 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

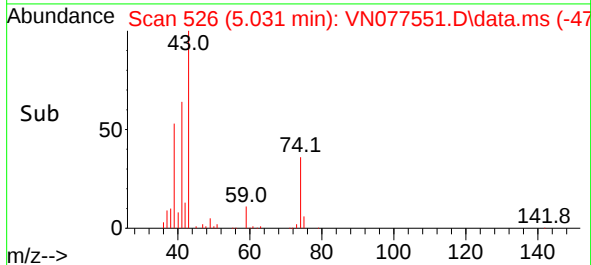
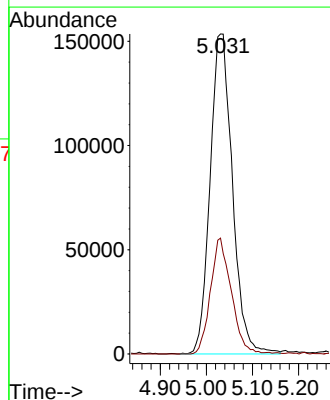
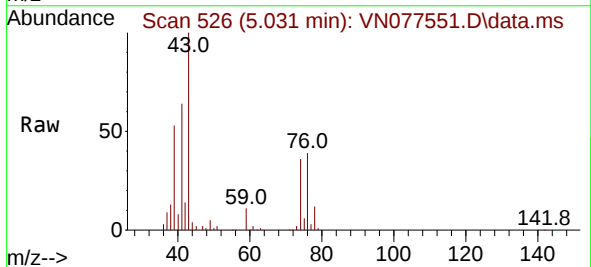
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

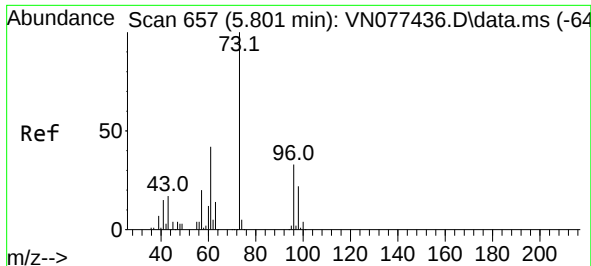
Tgt Ion: 76 Resp: 765759
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 48.005 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 43 Resp: 516943
Ion Ratio Lower Upper
43 100
74 33.6 26.2 39.4

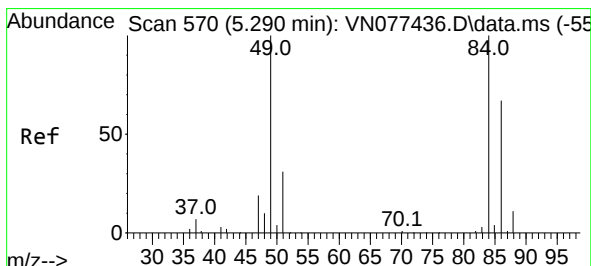
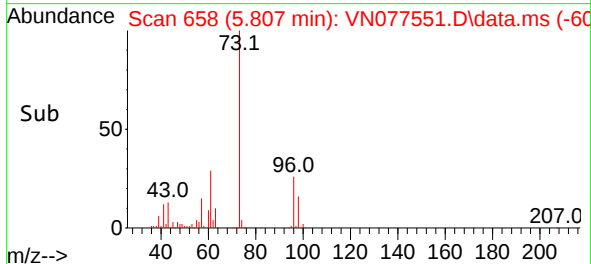
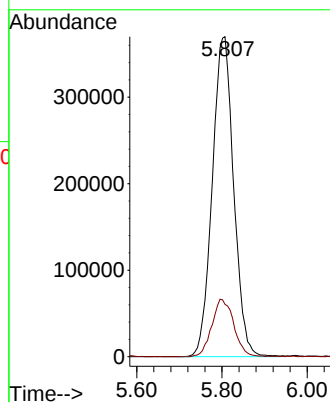
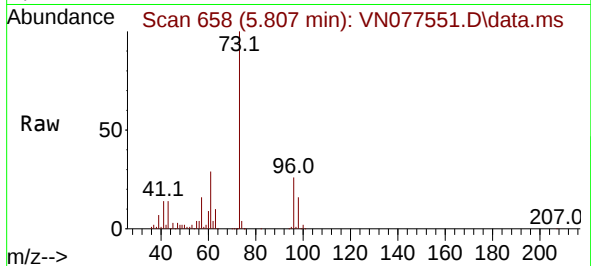




#19
Methyl tert-butyl Ether
Concen: 51.774 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

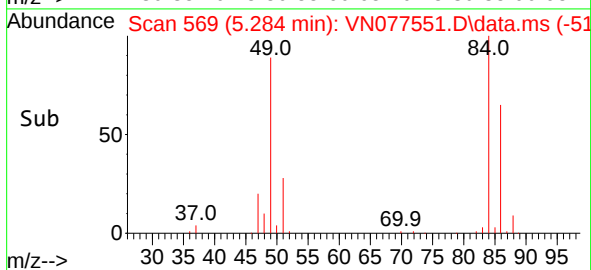
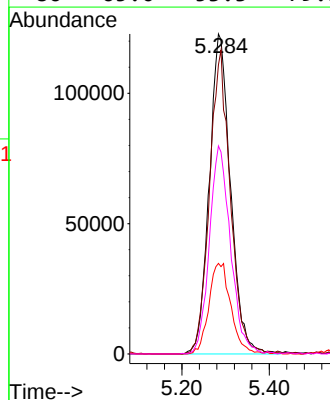
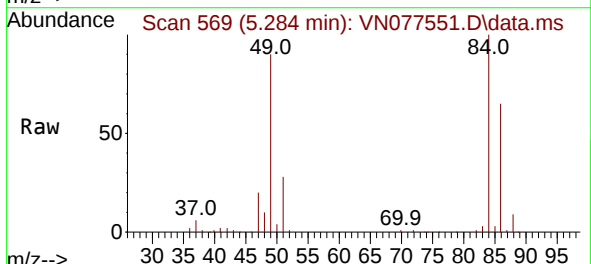
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

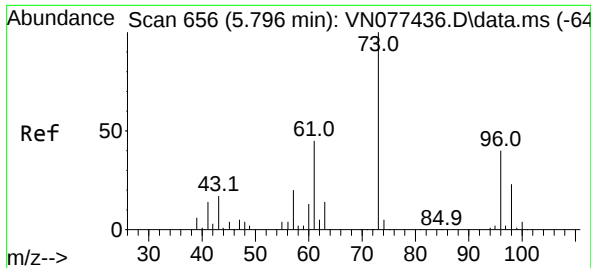
Tgt Ion: 73 Resp: 1290712
Ion Ratio Lower Upper
73 100
57 16.3 15.6 23.4



#20
Methylene Chloride
Concen: 46.841 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 84 Resp: 414231
Ion Ratio Lower Upper
84 100
49 90.4 79.7 119.5
51 28.3 25.2 37.8
86 65.0 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 48.114 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

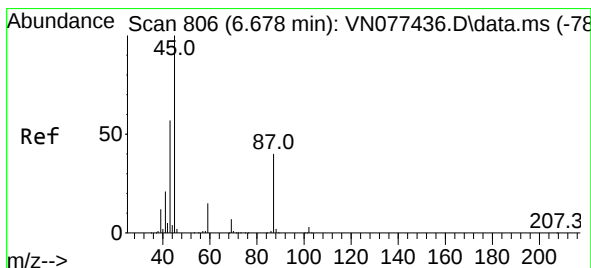
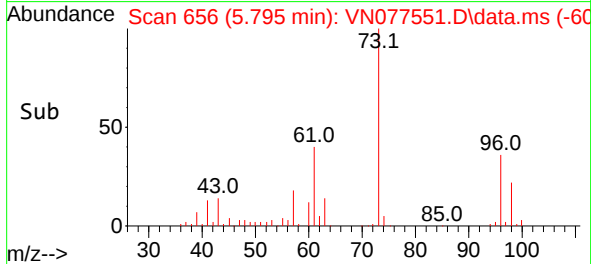
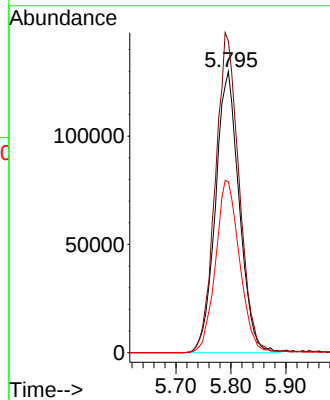
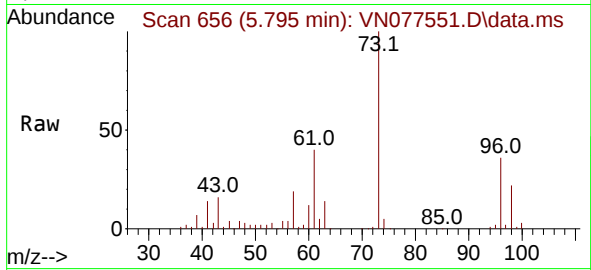
Tgt Ion: 96 Resp: 390003

Ion Ratio Lower Upper

96 100

61 110.8 90.1 135.1

98 60.8 46.4 69.6



#22

Diisopropyl ether

Concen: 48.331 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.000 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

Tgt Ion: 45 Resp: 924439

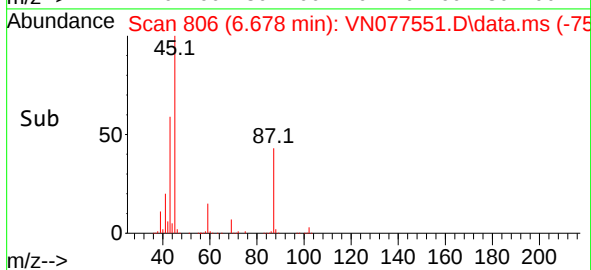
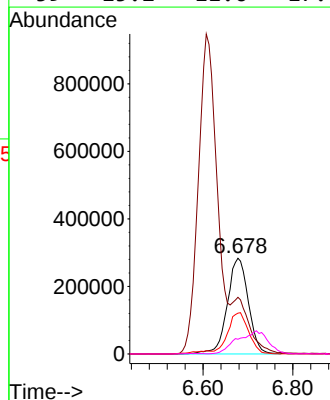
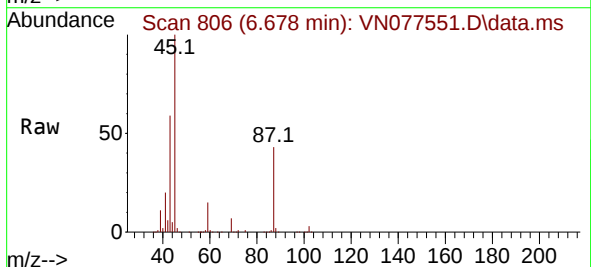
Ion Ratio Lower Upper

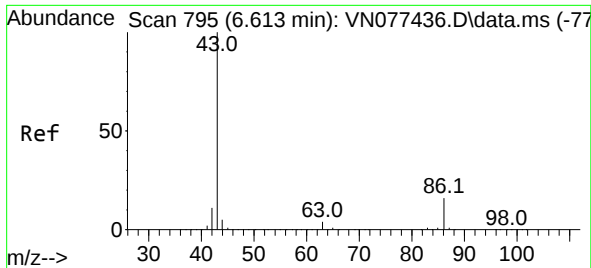
45 100

43 58.3 45.5 68.3

87 42.5 31.8 47.8

59 15.2 11.6 17.4

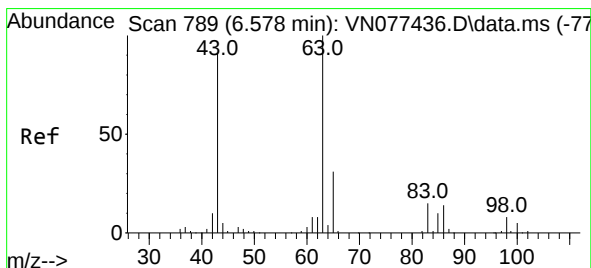
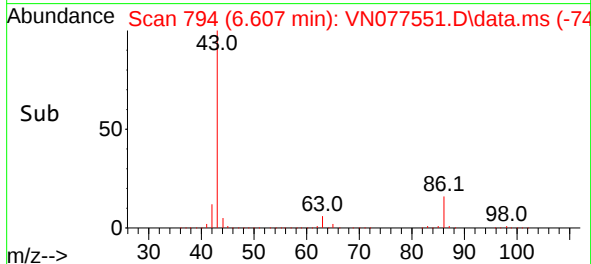
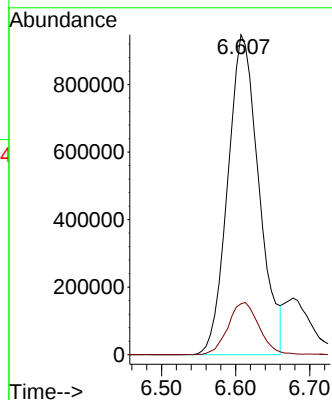
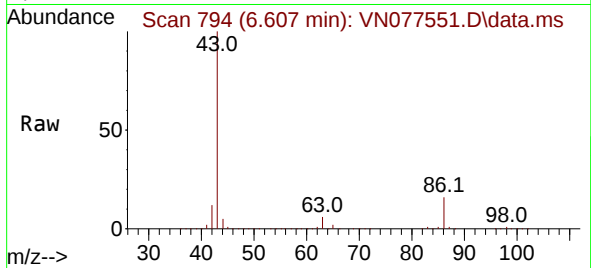




#23
 Vinyl Acetate
 Concen: 231.615 ug/l
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077551.D
 Acq: 03 May 2023 10:00

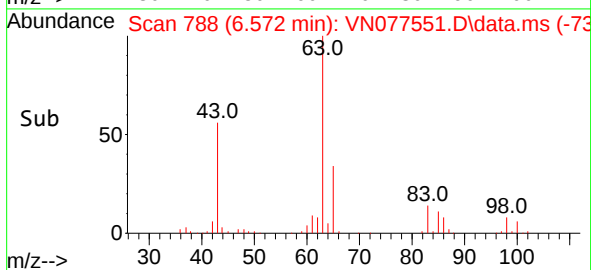
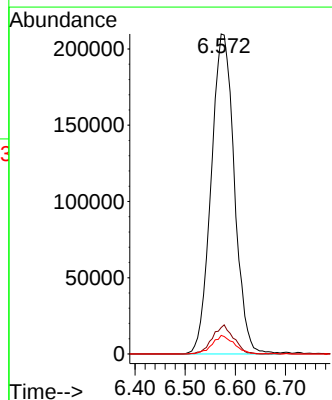
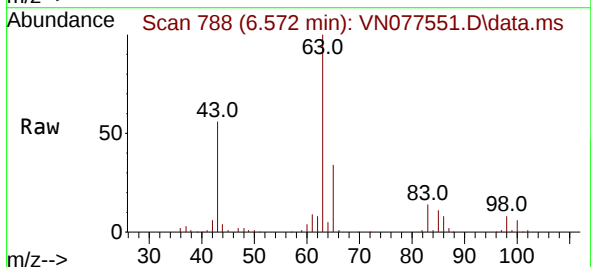
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

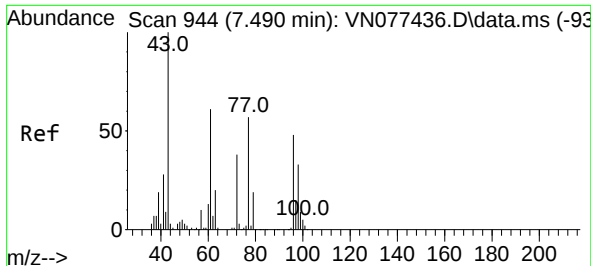
Tgt Ion: 43 Resp: 2766739
 Ion Ratio Lower Upper
 43 100
 86 15.9 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 49.747 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077551.D
 Acq: 03 May 2023 10:00

Tgt Ion: 63 Resp: 673541
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.7
 100 5.8 2.5 7.4

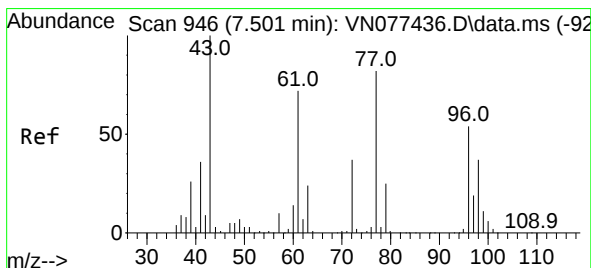
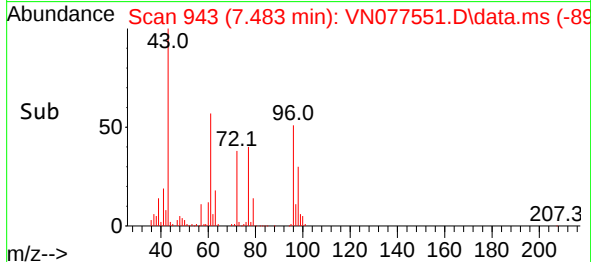
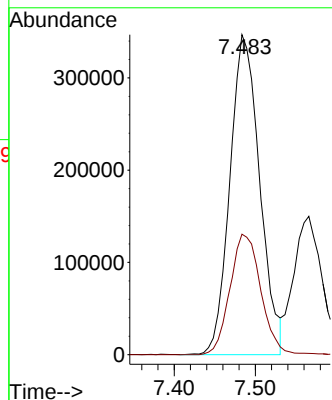
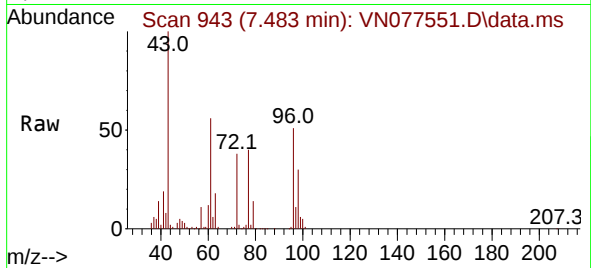




#25
2-Butanone
Concen: 223.686 ug/l
RT: 7.483 min Scan# 943
Delta R.T. -0.006 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

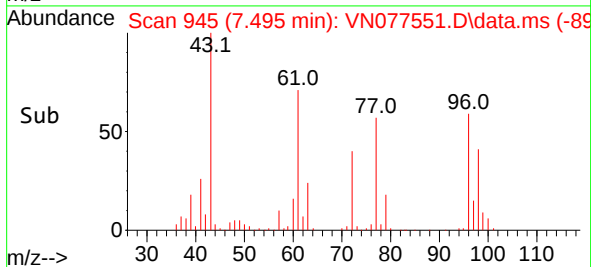
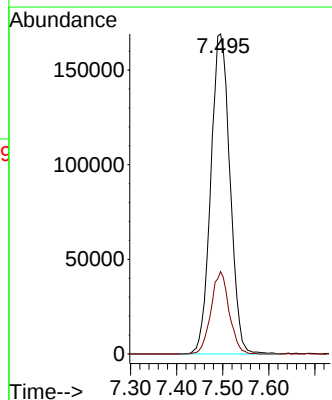
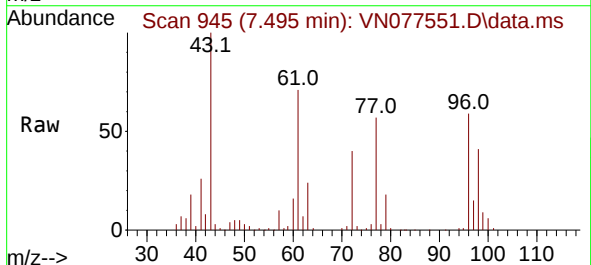
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

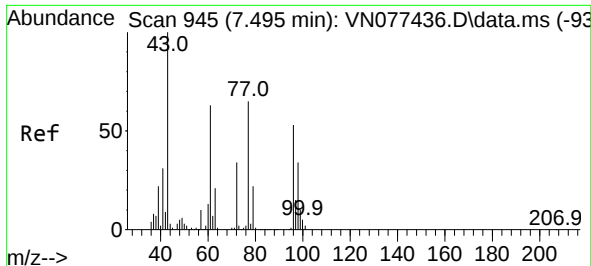
Tgt Ion: 43 Resp: 884696
Ion Ratio Lower Upper
43 100
72 37.7 30.2 45.2



#26
2,2-Dichloropropane
Concen: 37.257 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 77 Resp: 489117
Ion Ratio Lower Upper
77 100
97 24.3 11.2 33.6

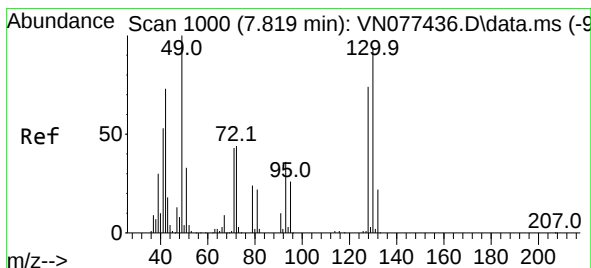
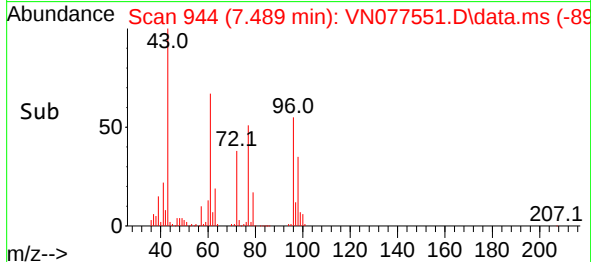
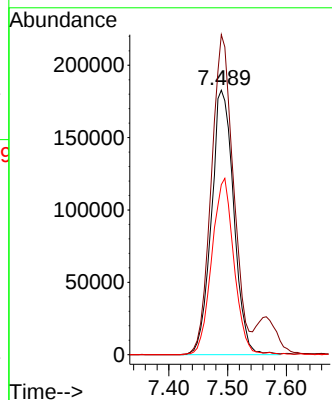
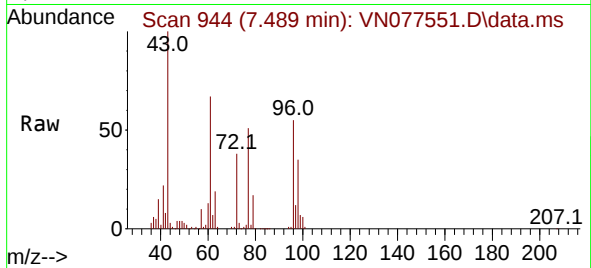




#27
 cis-1,2-Dichloroethene
 Concen: 50.285 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077551.D
 Acq: 03 May 2023 10:00

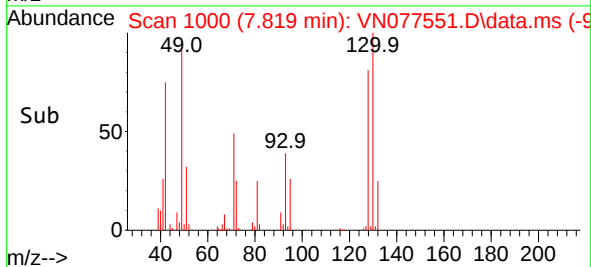
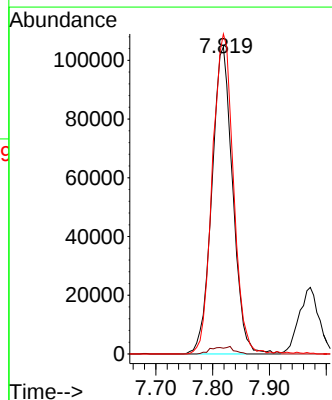
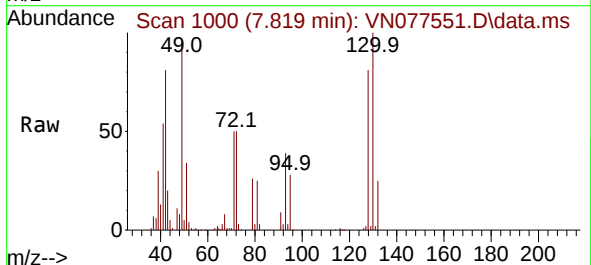
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

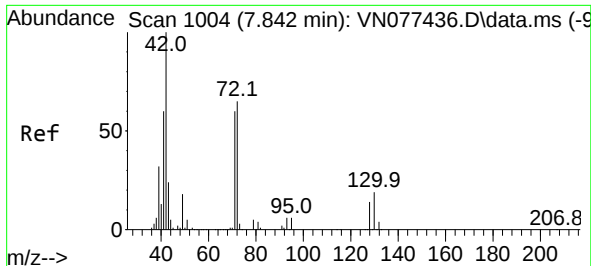
Tgt Ion: 96 Resp: 482731
 Ion Ratio Lower Upper
 96 100
 61 120.4 0.0 255.2
 98 66.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 51.512 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077551.D
 Acq: 03 May 2023 10:00

Tgt Ion: 49 Resp: 266339
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 105.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 238.452 ug/l

RT: 7.836 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

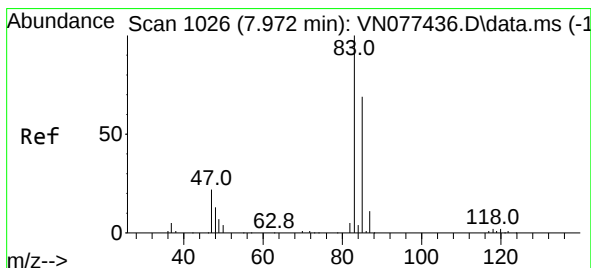
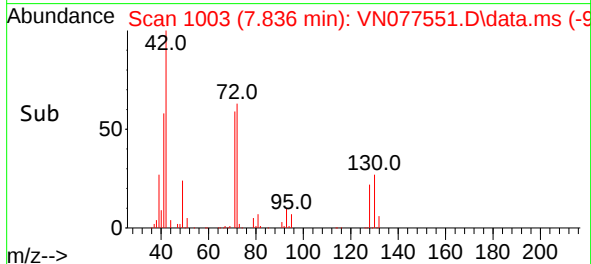
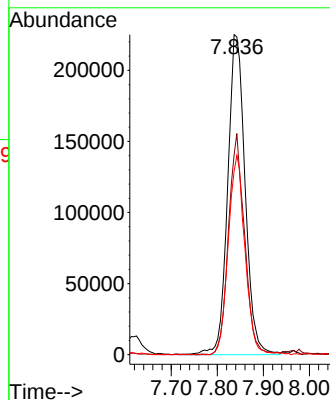
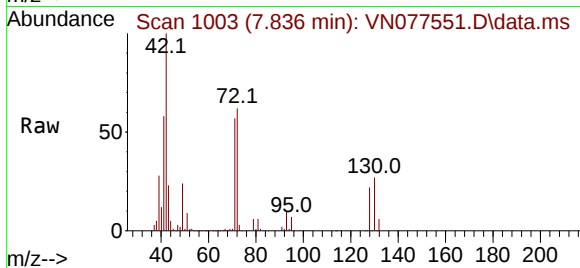
Tgt Ion: 42 Resp: 590900

Ion Ratio Lower Upper

42 100

72 63.5 49.8 74.6

71 59.8 47.4 71.2



#30

Chloroform

Concen: 52.442 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077551.D

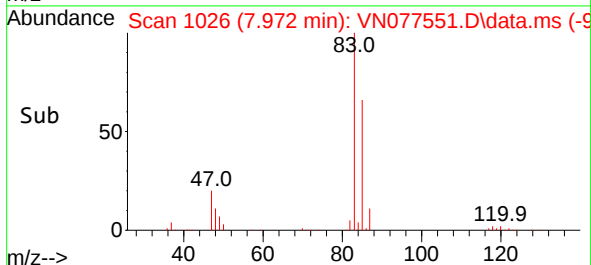
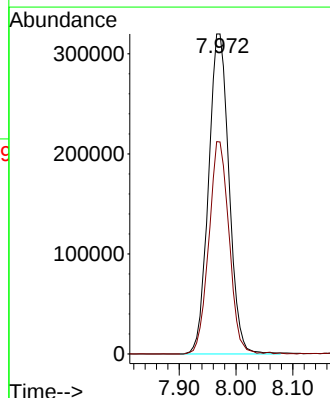
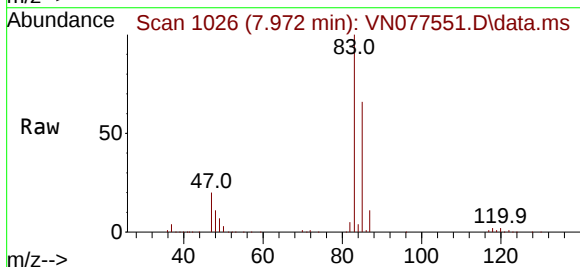
Acq: 03 May 2023 10:00

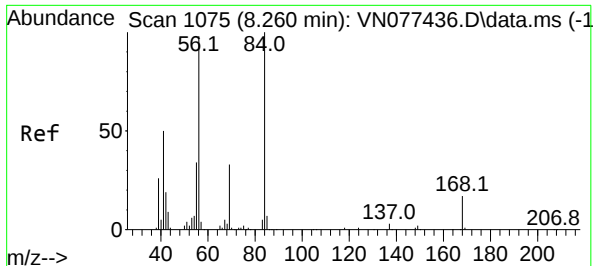
Tgt Ion: 83 Resp: 800199

Ion Ratio Lower Upper

83 100

85 66.3 55.4 83.0

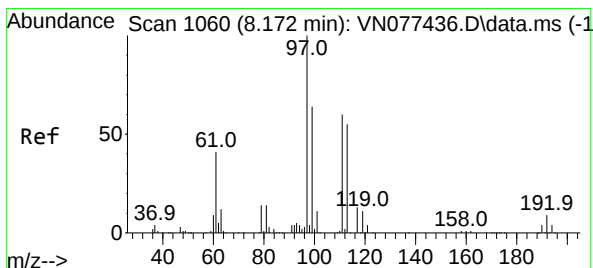
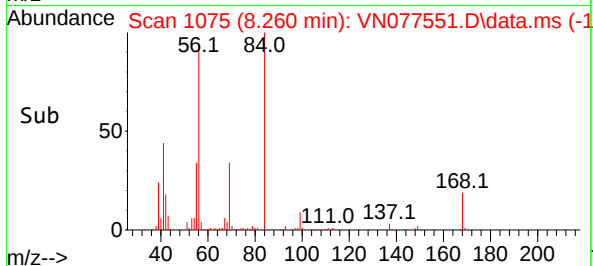
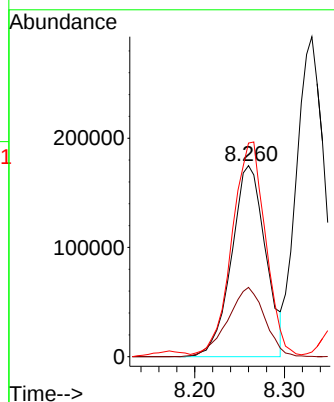
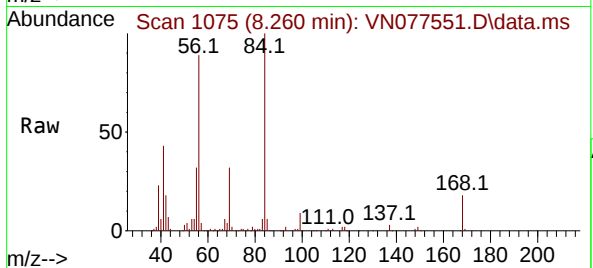




#31
Cyclohexane
Concen: 36.984 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

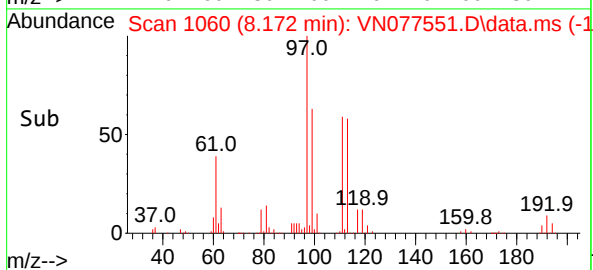
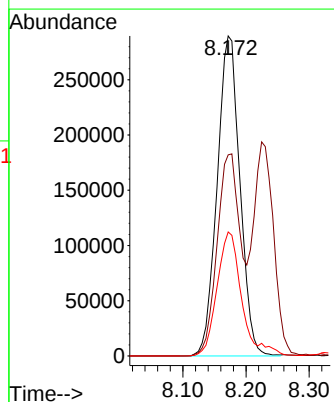
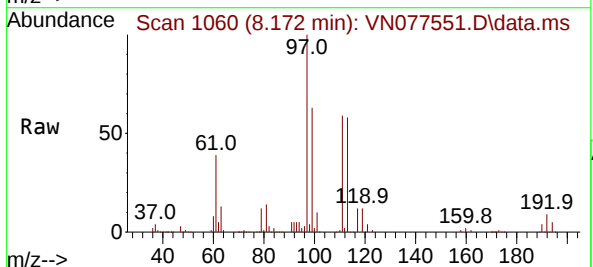
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

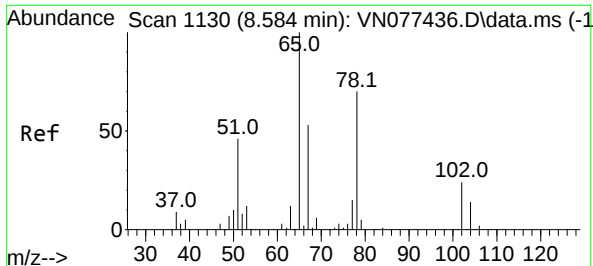
Tgt Ion: 56 Resp: 459222
Ion Ratio Lower Upper
56 100
69 36.2 26.8 40.2
84 109.6 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 51.676 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 97 Resp: 724937
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 42.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.377 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

Instrument :

MSVOA_N

ClientSampleId :

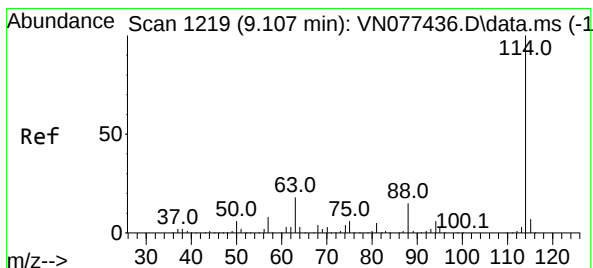
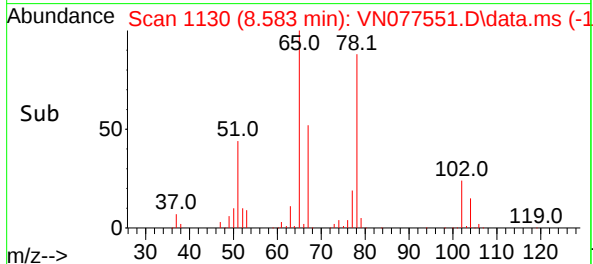
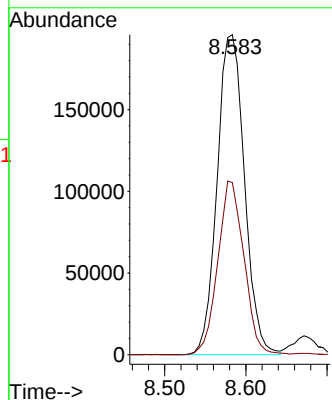
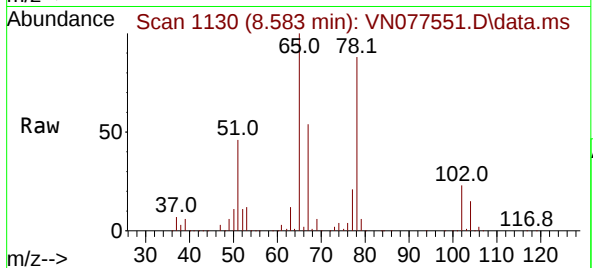
VSTDCCC050

Tgt Ion: 65 Resp: 459087

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

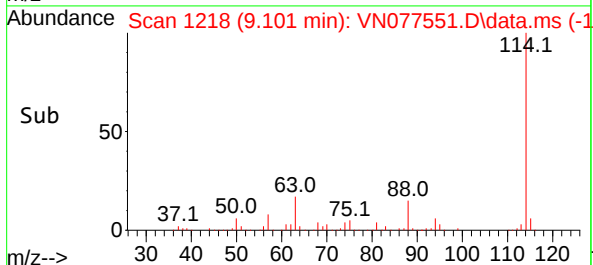
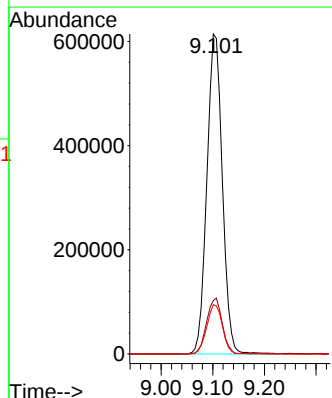
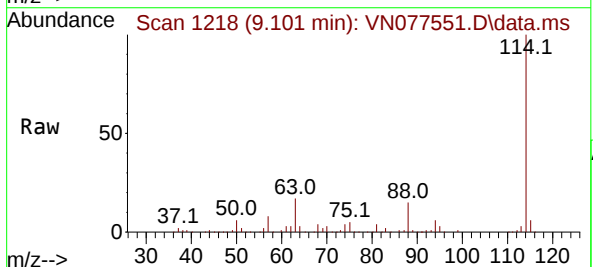
Tgt Ion: 114 Resp: 1275555

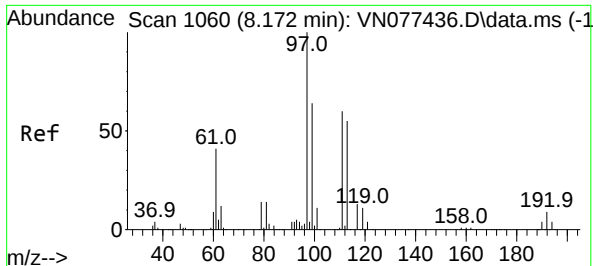
Ion Ratio Lower Upper

114 100

63 16.7 0.0 36.4

88 15.4 0.0 30.6

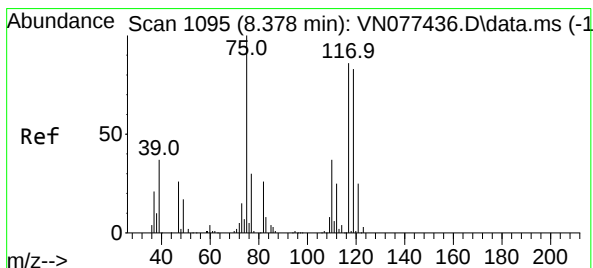
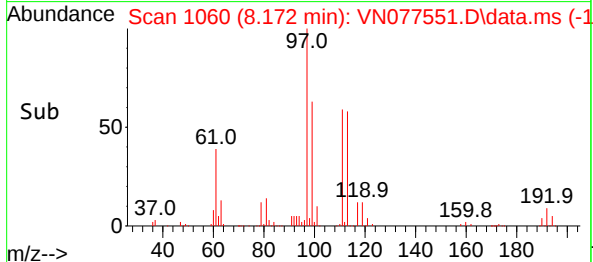
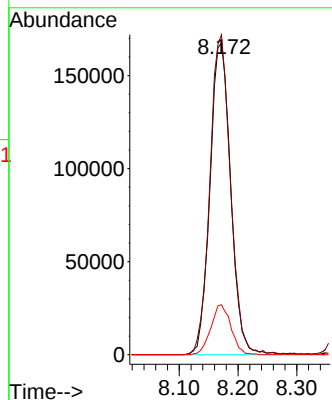
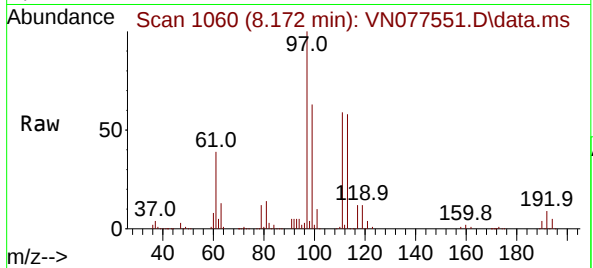




#35
Dibromofluoromethane
Concen: 53.489 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

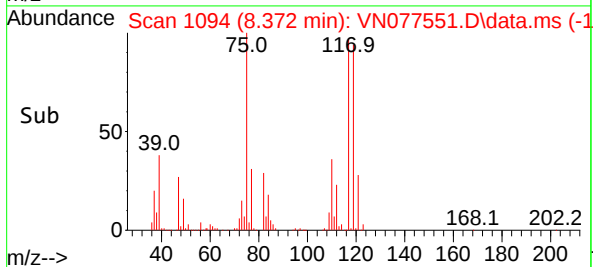
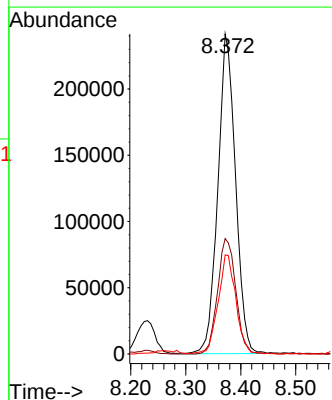
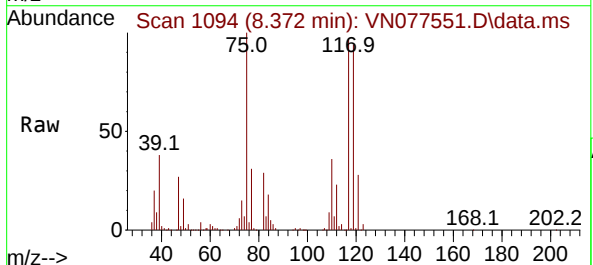
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

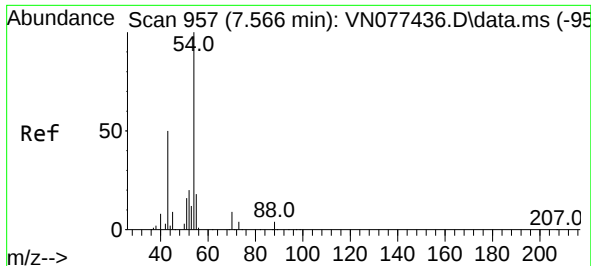
Tgt Ion:113 Resp: 410077
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 15.6 12.7 19.1



#36
1,1-Dichloropropene
Concen: 48.628 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.006 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 75 Resp: 538607
Ion Ratio Lower Upper
75 100
110 37.2 19.1 57.3
77 31.3 25.0 37.4

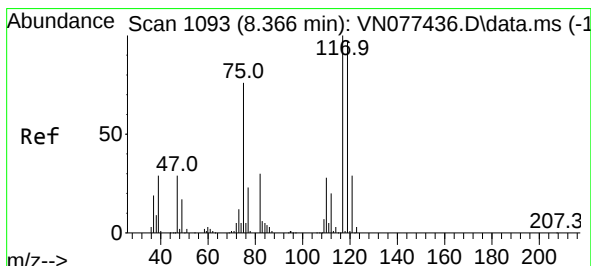
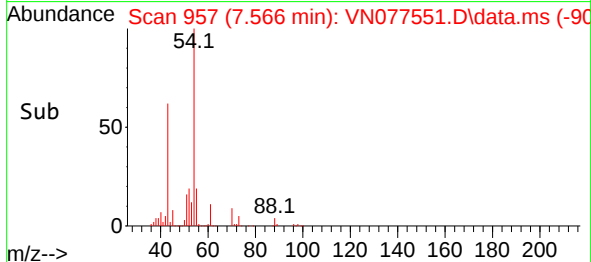
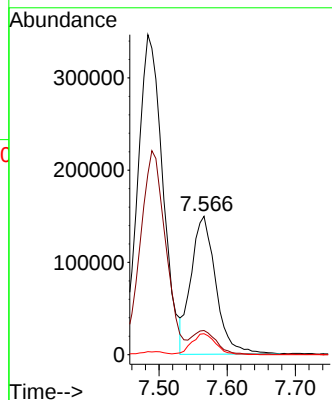
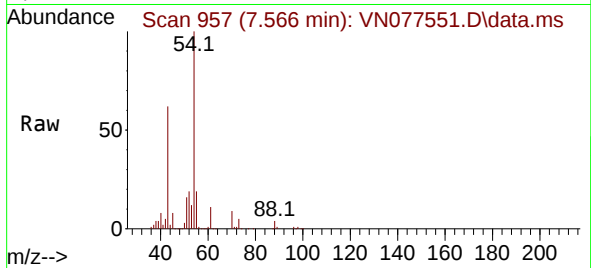




#37
Ethyl Acetate
Concen: 44.807 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

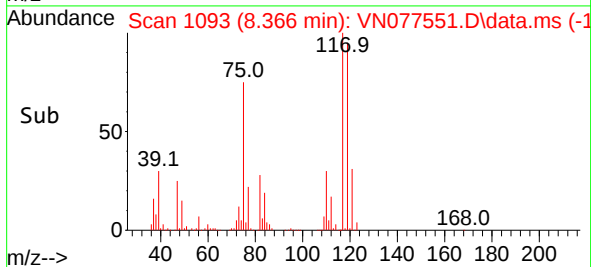
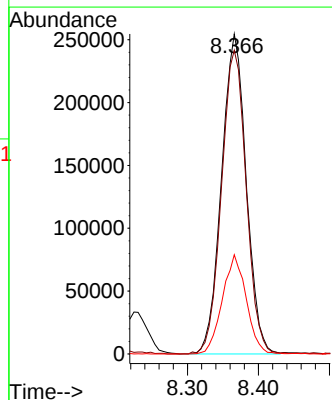
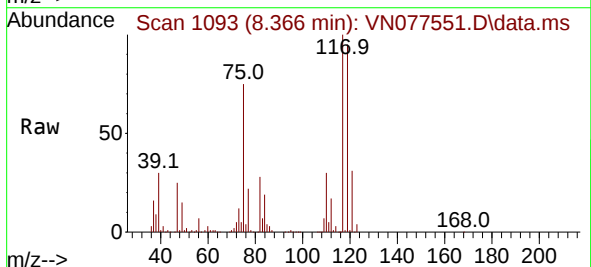
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

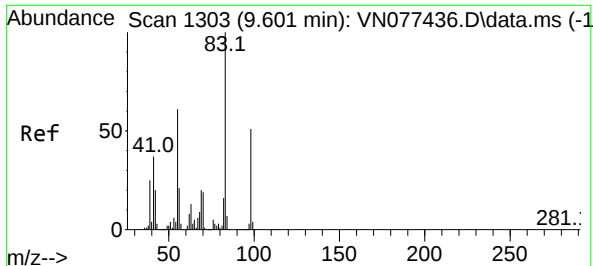
Tgt Ion: 43 Resp: 377122
Ion Ratio Lower Upper
43 100
61 16.2 13.2 19.8
70 14.9 11.3 16.9



#38
Carbon Tetrachloride
Concen: 50.239 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 117 Resp: 613951
Ion Ratio Lower Upper
117 100
119 94.9 77.3 115.9
121 31.0 23.3 34.9





#39

Methylcyclohexane

Concen: 39.295 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.000 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

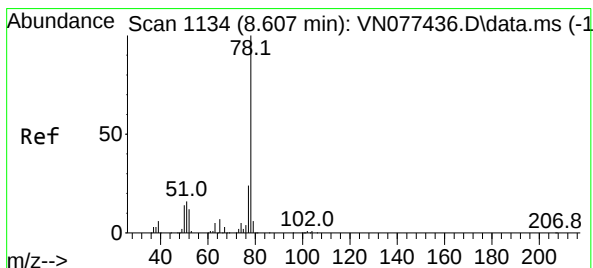
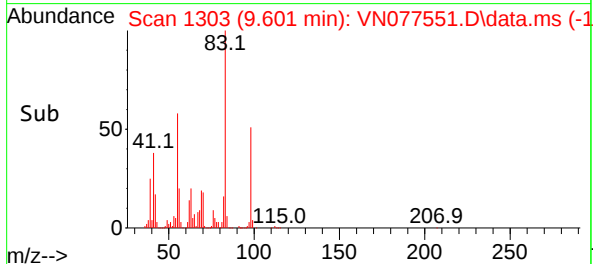
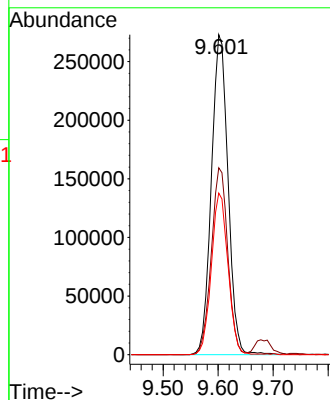
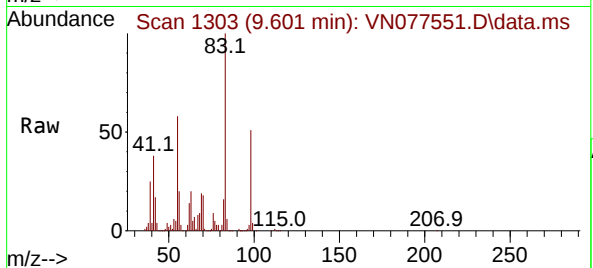
Tgt Ion: 83 Resp: 573430

Ion Ratio Lower Upper

83 100

55 58.4 49.1 73.7

98 50.5 40.6 61.0



#40

Benzene

Concen: 50.440 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077551.D

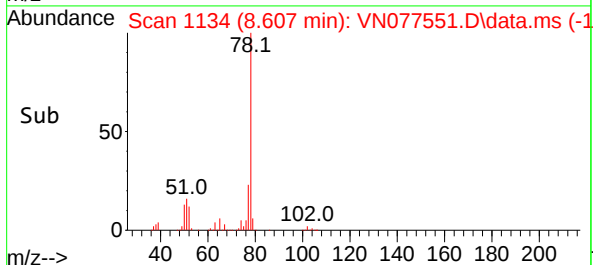
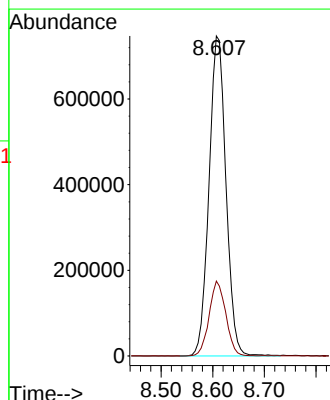
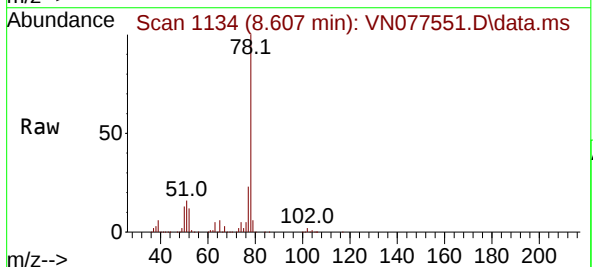
Acq: 03 May 2023 10:00

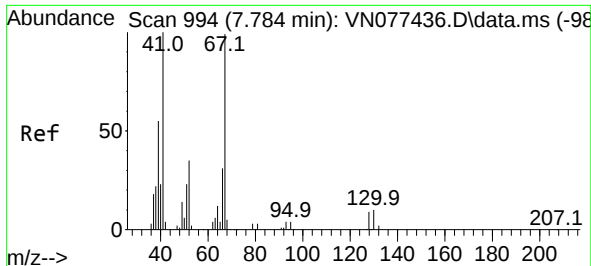
Tgt Ion: 78 Resp: 1701935

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6



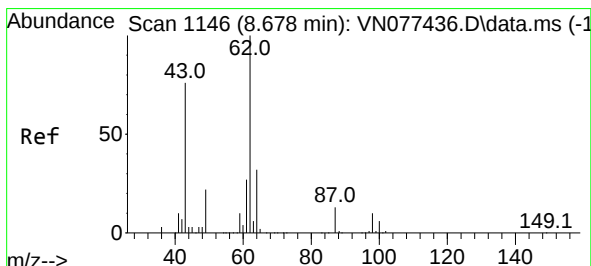
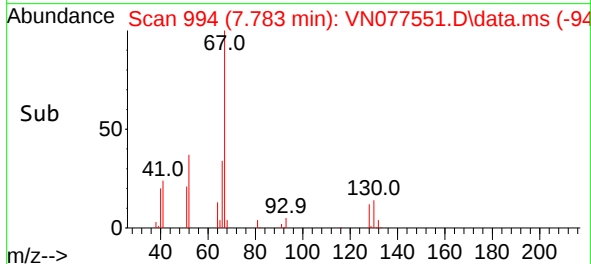
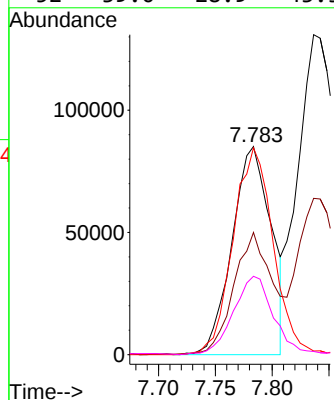
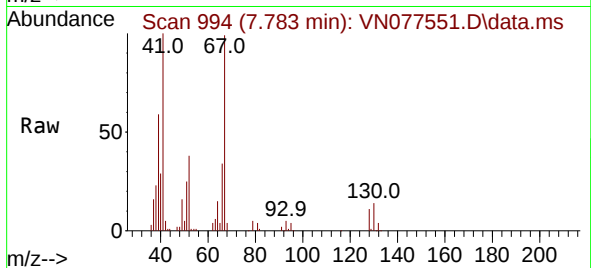


#41
Methacrylonitrile
Concen: 46.469 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 203704

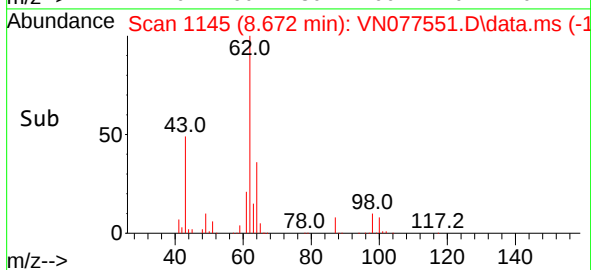
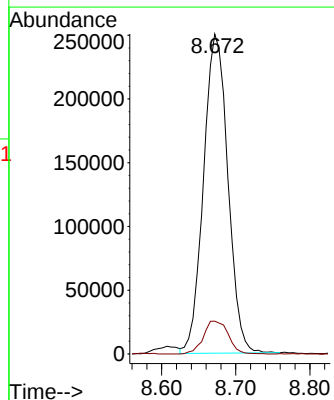
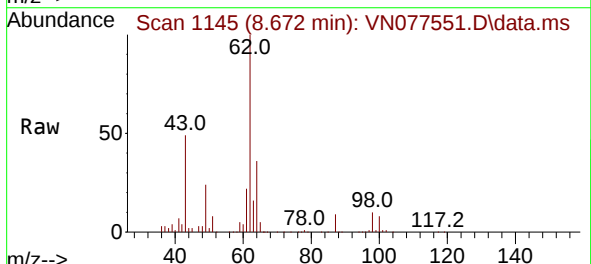
Ion	Ratio	Lower	Upper
41	100		
39	59.7	42.6	64.0
67	102.4	77.5	116.3
52	39.0	28.9	43.3

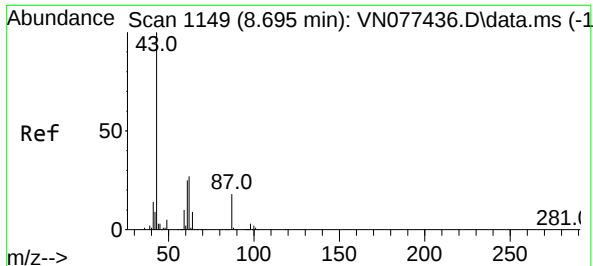


#42
1,2-Dichloroethane
Concen: 49.335 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 62 Resp: 571749

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.8





#43

Isopropyl Acetate

Concen: 46.962 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

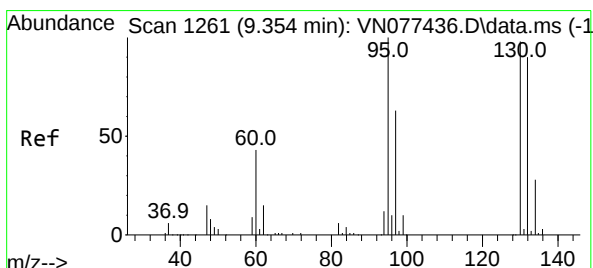
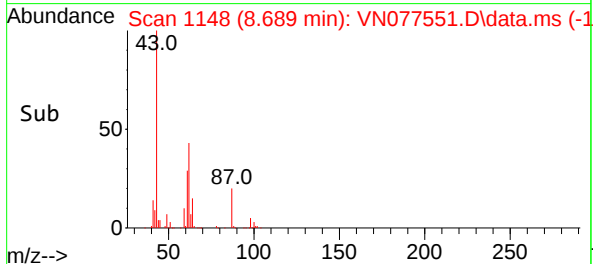
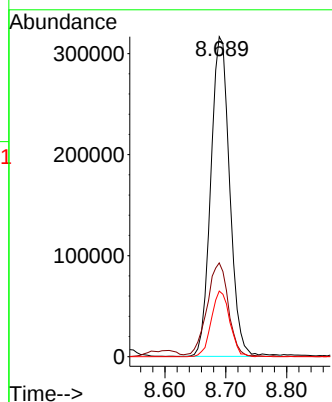
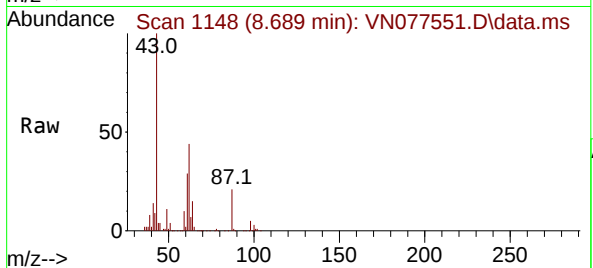
Tgt Ion: 43 Resp: 683792

Ion Ratio Lower Upper

43 100

61 33.1 24.7 37.1

87 20.1 14.6 21.8



#44

Trichloroethene

Concen: 50.338 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VN077551.D

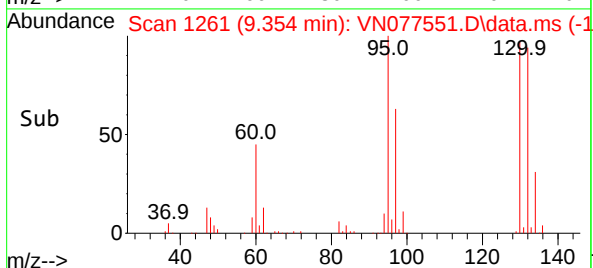
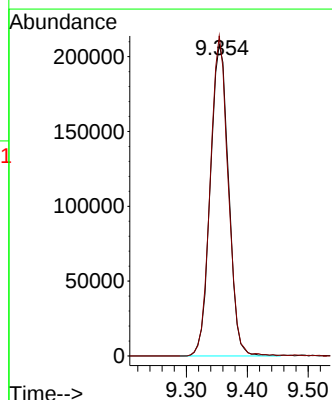
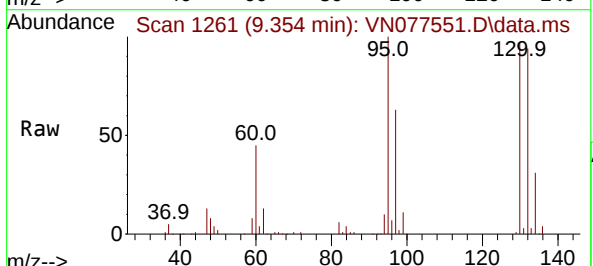
Acq: 03 May 2023 10:00

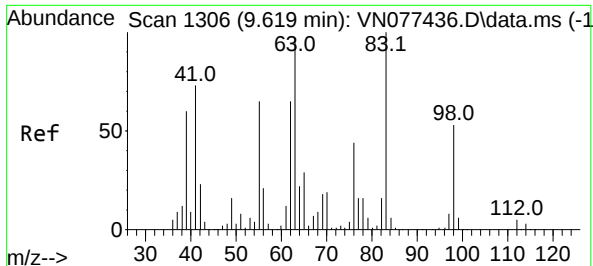
Tgt Ion:130 Resp: 434890

Ion Ratio Lower Upper

130 100

95 102.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.894 ug/l

RT: 9.625 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

Instrument :

MSVOA_N

ClientSampleId :

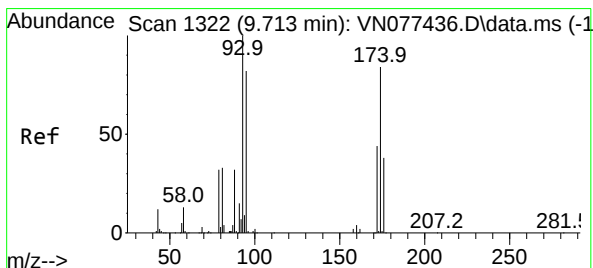
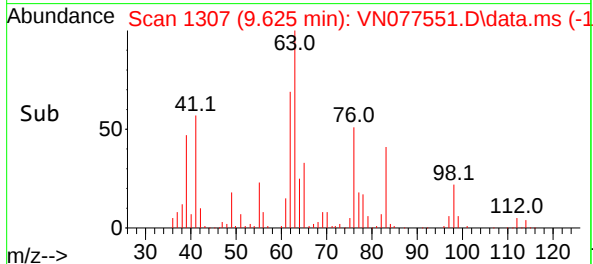
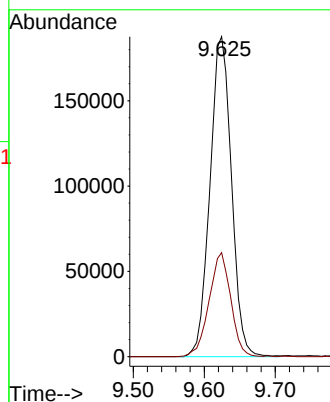
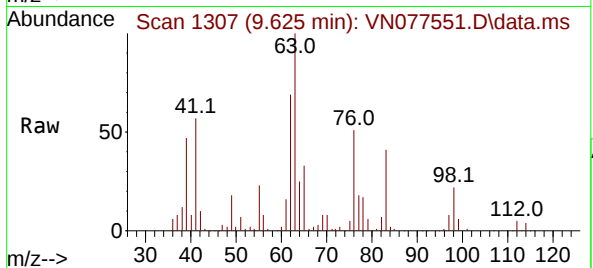
VSTDCCC050

Tgt Ion: 63 Resp: 394359

Ion Ratio Lower Upper

63 100

65 32.4 23.9 35.9



#46

Dibromomethane

Concen: 49.764 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

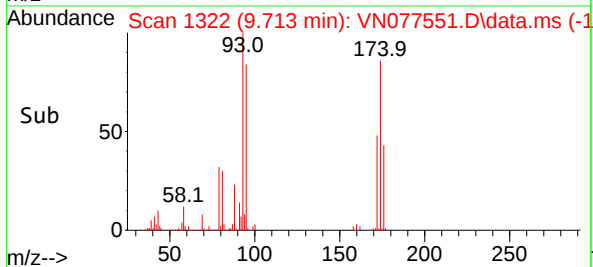
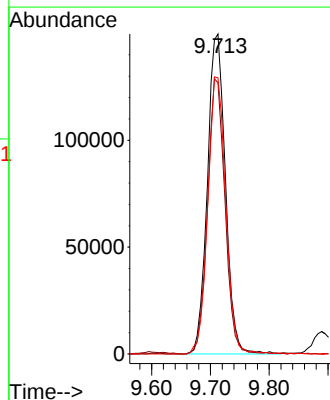
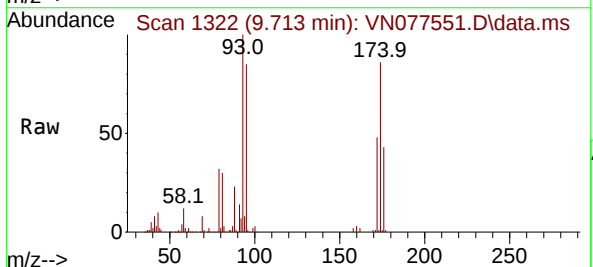
Tgt Ion: 93 Resp: 319153

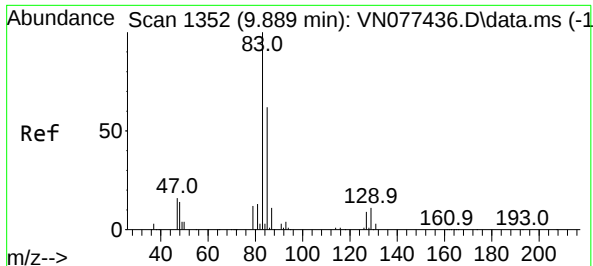
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

174 86.1 65.6 98.4





#47

Bromodichloromethane

Concen: 53.129 ug/l

RT: 9.889 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

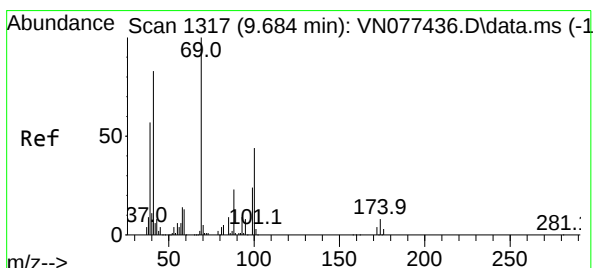
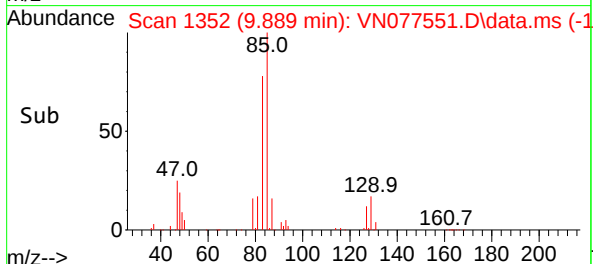
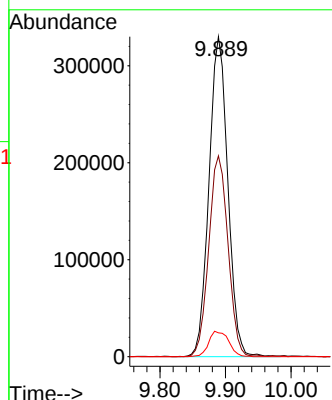
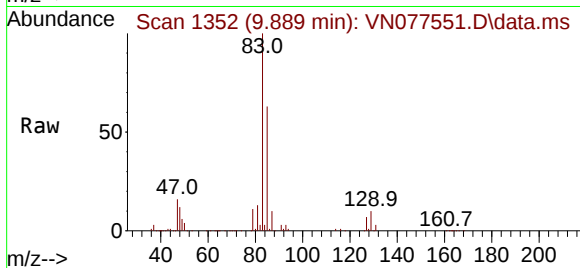
Tgt Ion: 83 Resp: 659085

Ion Ratio Lower Upper

83 100

85 62.7 49.6 74.4

127 7.5 7.0 10.6



#48

Methyl methacrylate

Concen: 45.271 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

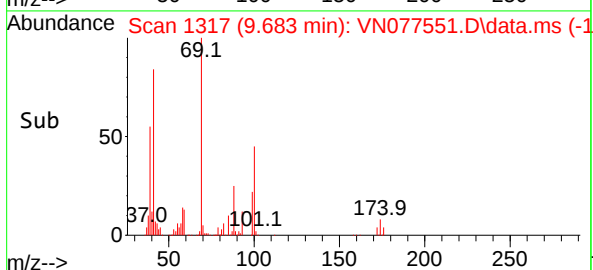
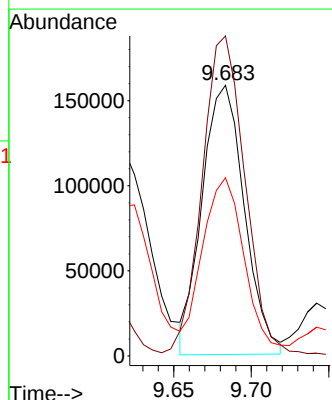
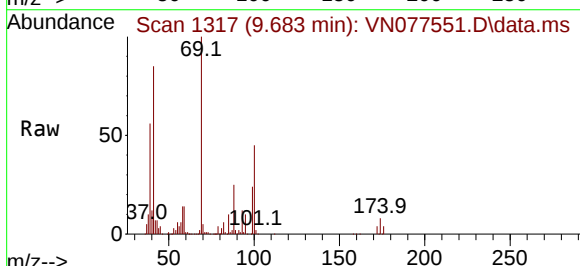
Tgt Ion: 41 Resp: 300053

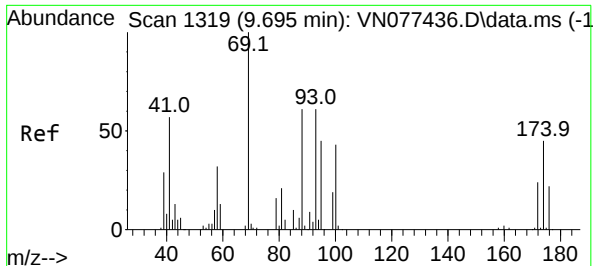
Ion Ratio Lower Upper

41 100

69 120.1 90.4 135.6

39 66.8 54.6 81.8





#49

1,4-Dioxane

Concen: 926.584 ug/l

RT: 9.695 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

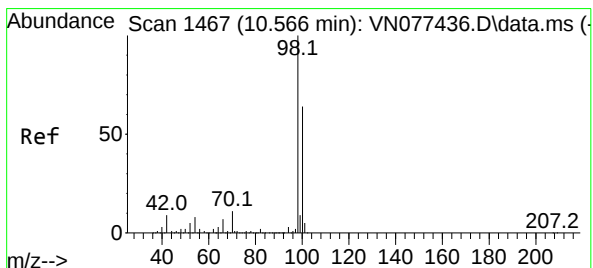
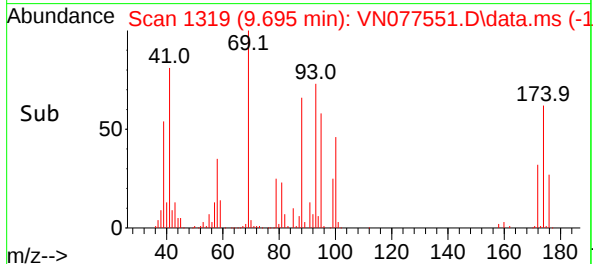
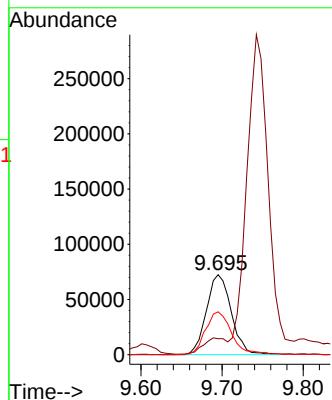
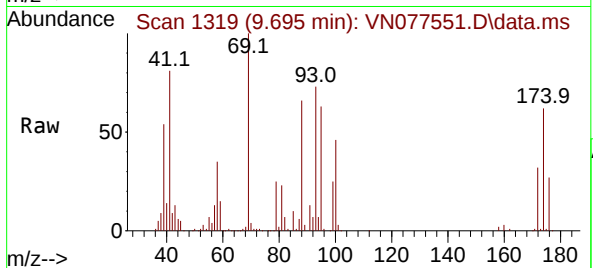
Tgt Ion: 88 Resp: 154044

Ion Ratio Lower Upper

88 100

43 19.2 17.0 25.6

58 57.0 47.0 70.4



#50

Toluene-d8

Concen: 52.194 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN077551.D

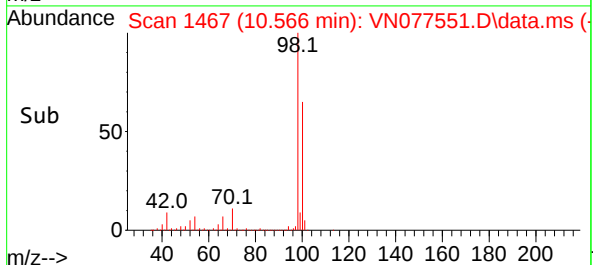
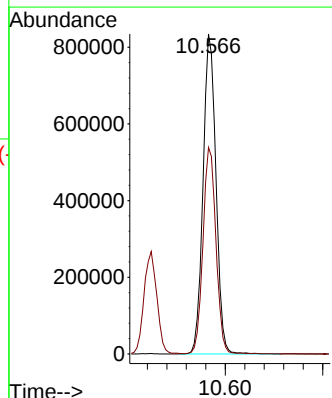
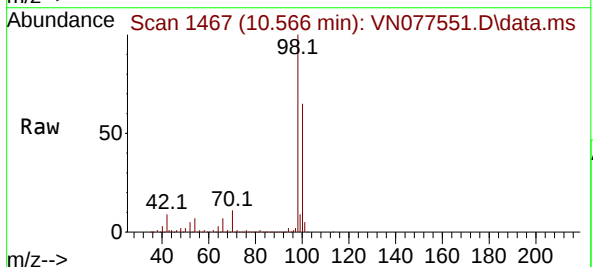
Acq: 03 May 2023 10:00

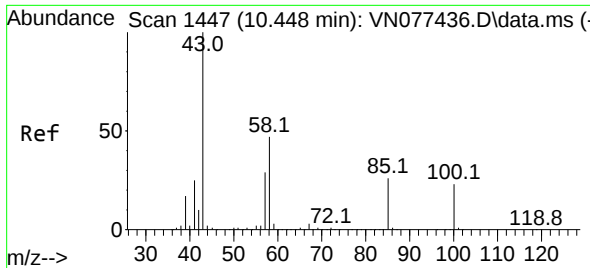
Tgt Ion: 98 Resp: 1533630

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

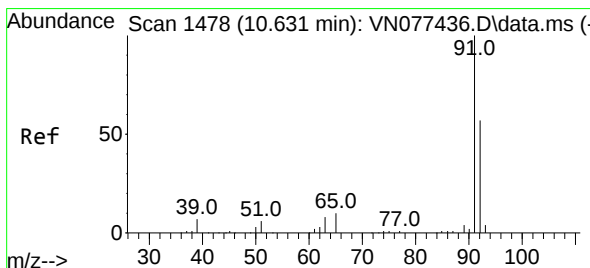
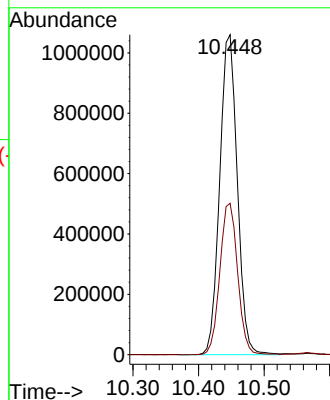
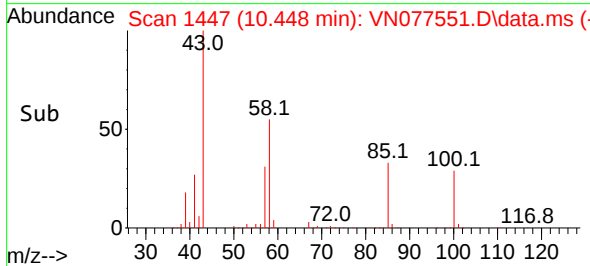
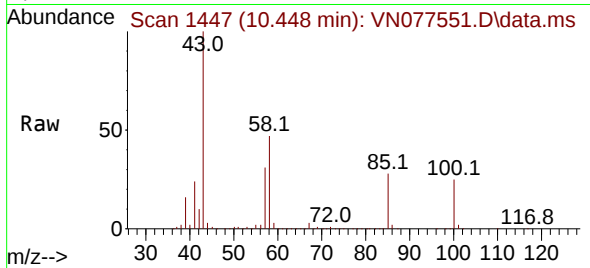




#51
4-Methyl-2-Pentanone
Concen: 230.429 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

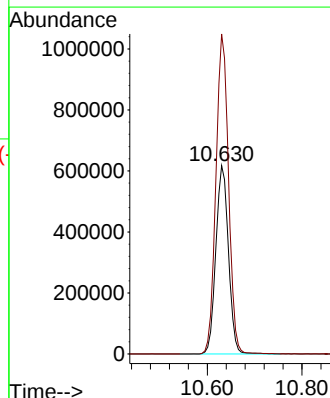
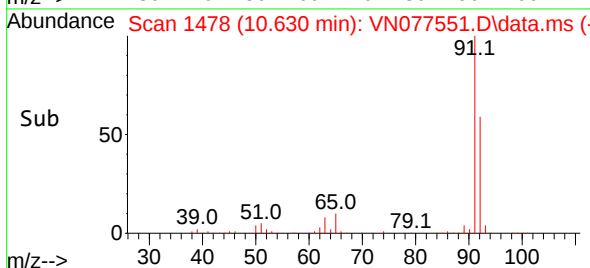
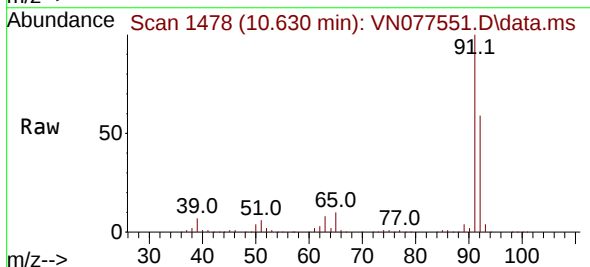
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

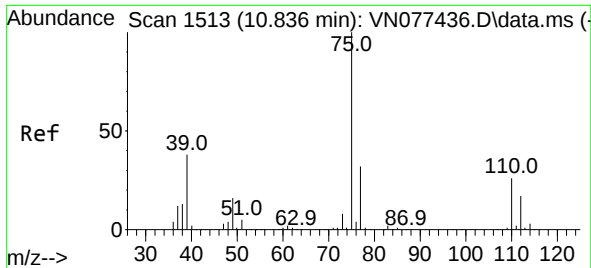
Tgt Ion: 43 Resp: 1967971
Ion Ratio Lower Upper
43 100
58 47.8 36.6 54.8



#52
Toluene
Concen: 51.585 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 92 Resp: 1140277
Ion Ratio Lower Upper
92 100
91 170.1 137.4 206.0

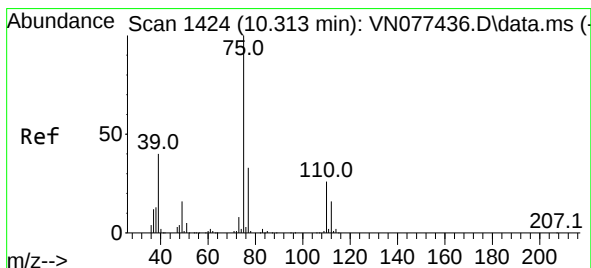
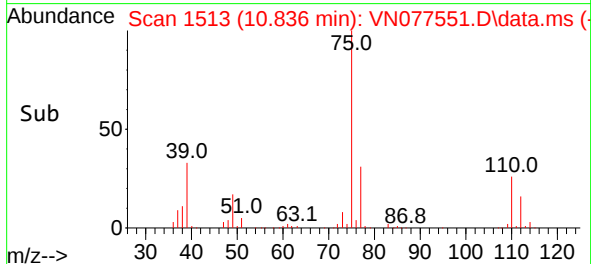
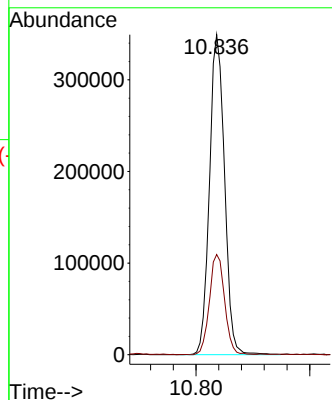
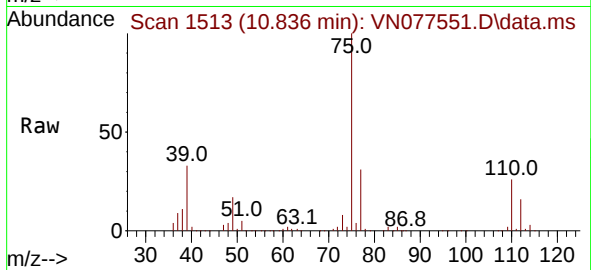




#53
t-1,3-Dichloropropene
Concen: 50.987 ug/l
RT: 10.836 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

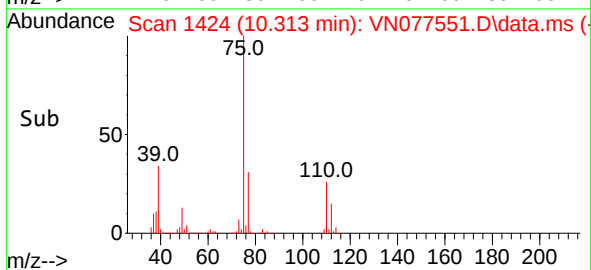
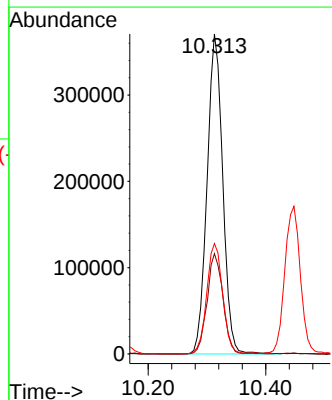
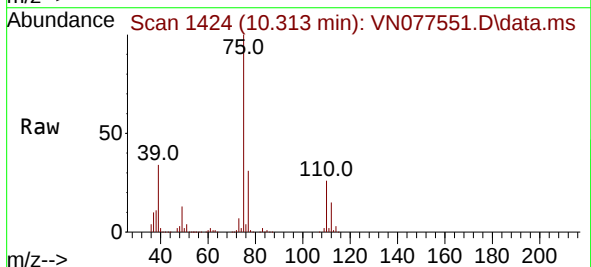
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

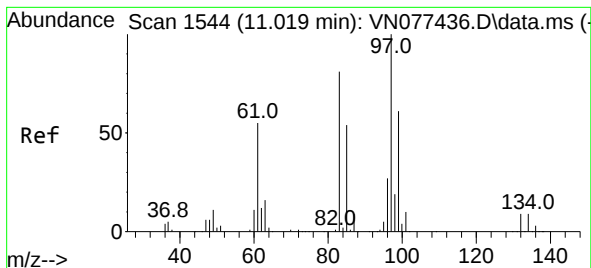
Tgt Ion: 75 Resp: 640487
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 50.097 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 75 Resp: 684981
Ion Ratio Lower Upper
75 100
77 31.4 26.1 39.1
39 34.5 31.6 47.4

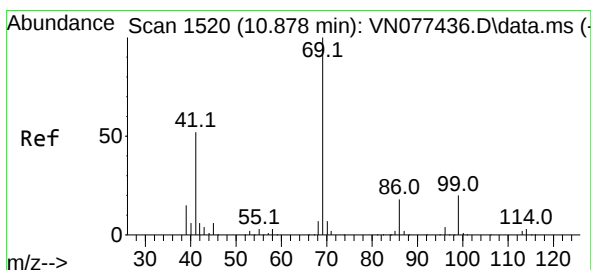
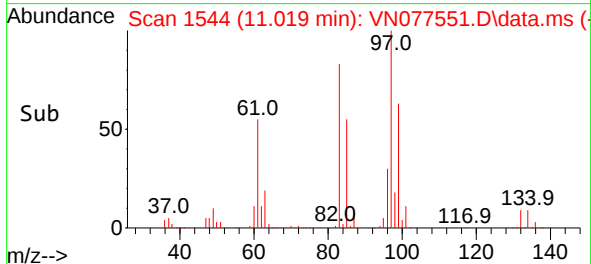
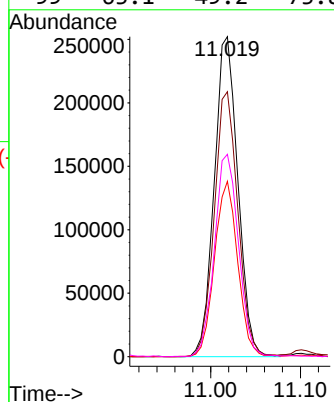
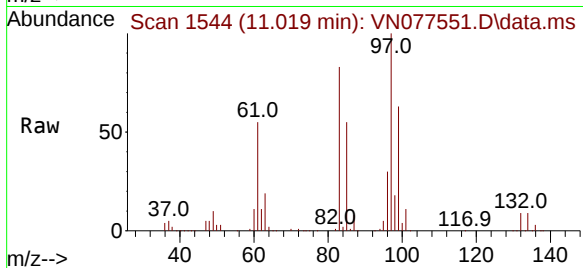




#55
1,1,2-Trichloroethane
Concen: 51.929 ug/l
RT: 11.019 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

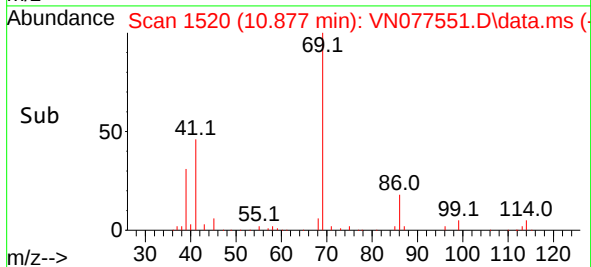
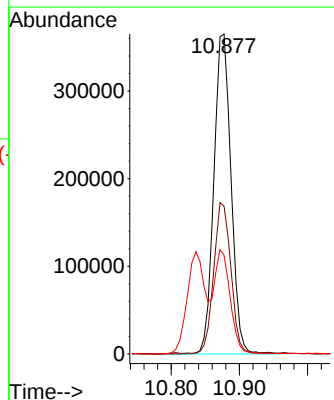
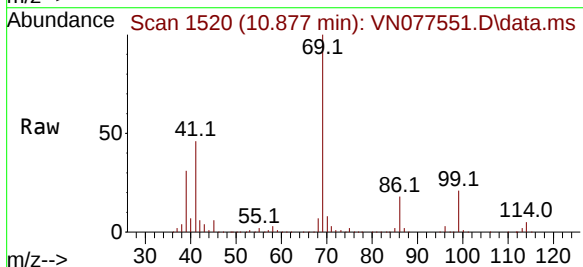
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

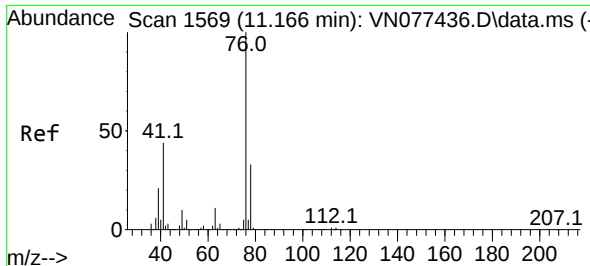
Tgt Ion:	97	Resp:	461589
Ion	Ratio	Lower	Upper
97	100		
83	82.8	65.1	97.7
85	54.7	43.4	65.2
99	63.1	49.2	73.8



#56
Ethyl methacrylate
Concen: 51.403 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion:	69	Resp:	640238
Ion	Ratio	Lower	Upper
69	100		
41	47.0	39.6	59.4
39	30.6	28.6	43.0

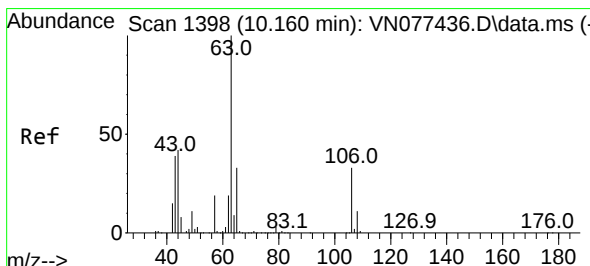
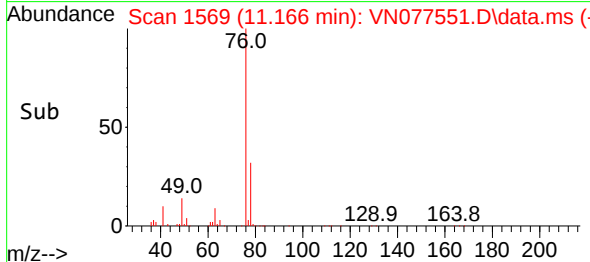
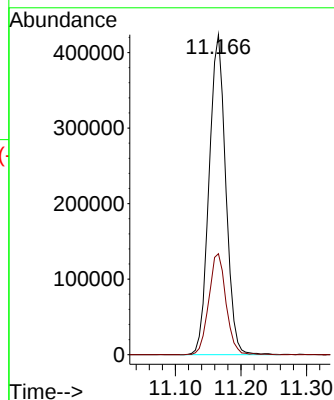
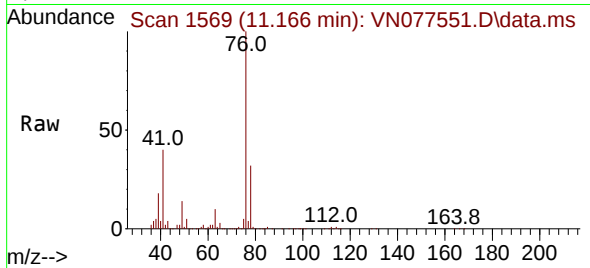




#57
1,3-Dichloropropane
Concen: 52.736 ug/l
RT: 11.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

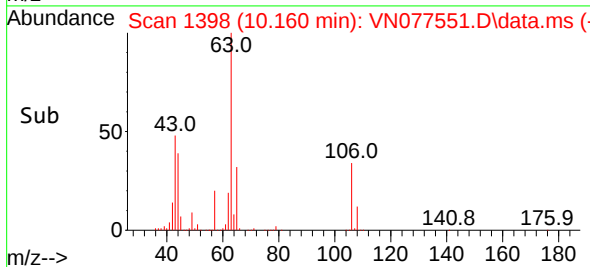
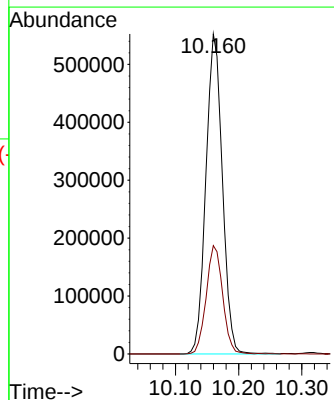
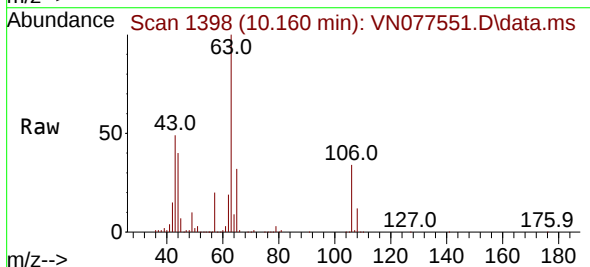
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

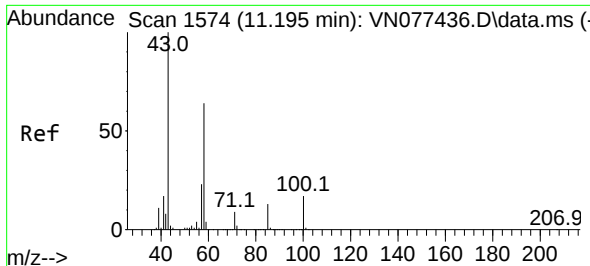
Tgt Ion: 76 Resp: 746672
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 237.710 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 63 Resp: 1001429
Ion Ratio Lower Upper
63 100
106 33.8 26.2 39.4

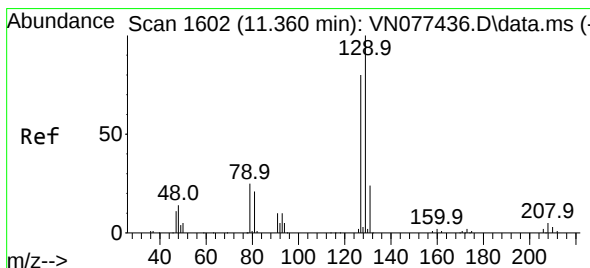
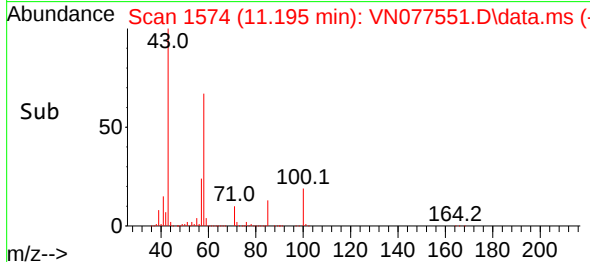
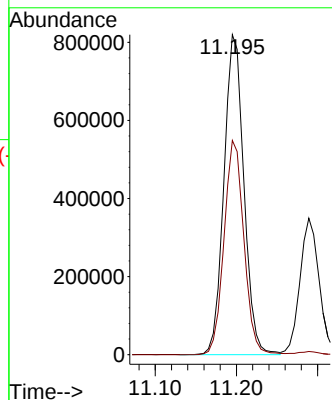
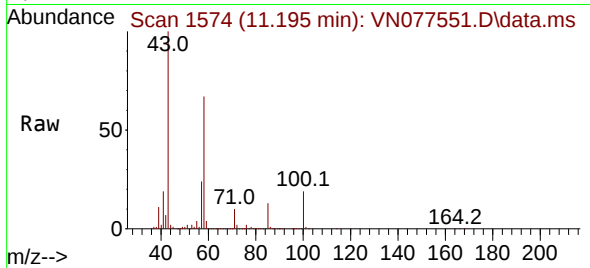




#59
2-Hexanone
Concen: 225.641 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

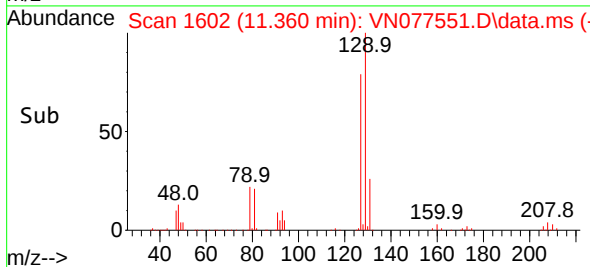
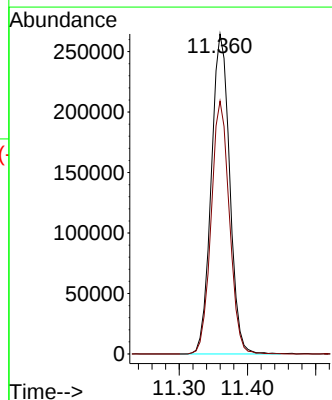
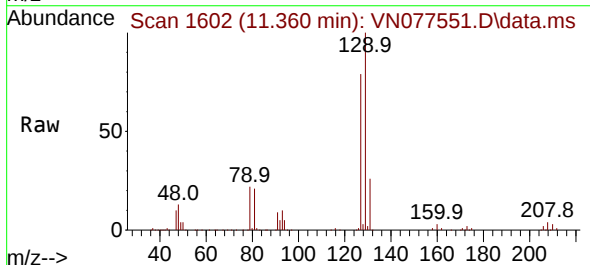
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

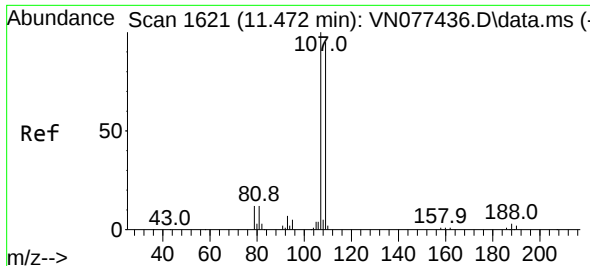
Tgt Ion: 43 Resp: 1400777
Ion Ratio Lower Upper
43 100
58 66.7 31.7 95.1



#60
Dibromochloromethane
Concen: 53.978 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion:129 Resp: 497955
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0

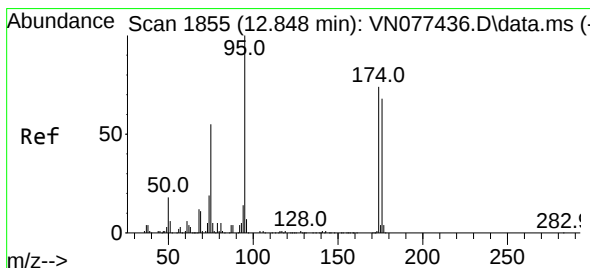
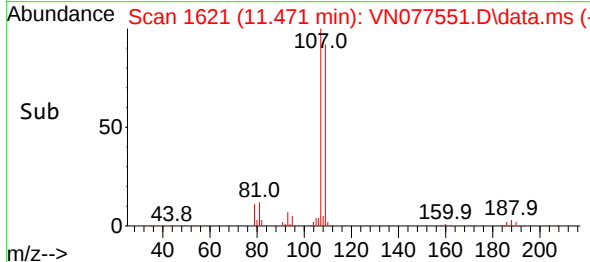
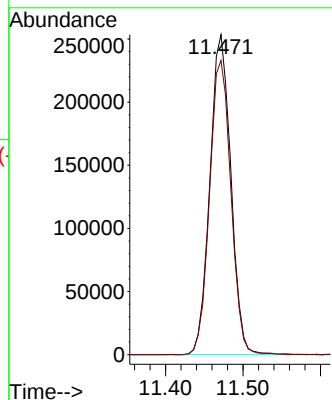
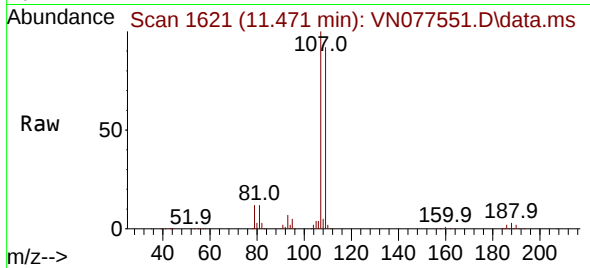




#61
1,2-Dibromoethane
Concen: 52.380 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

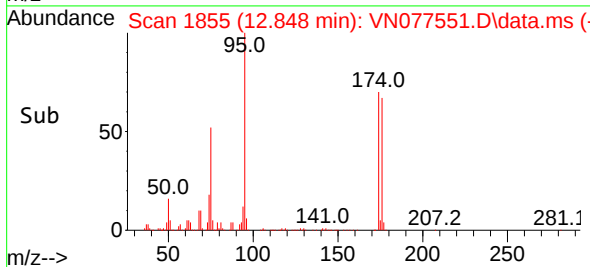
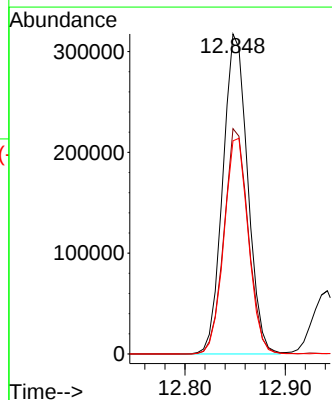
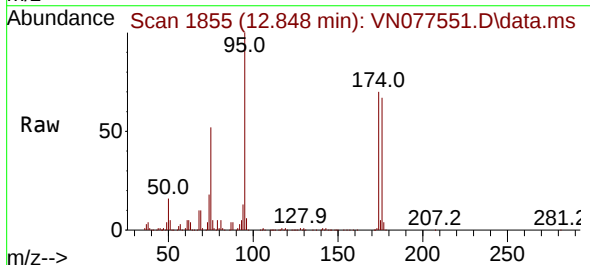
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

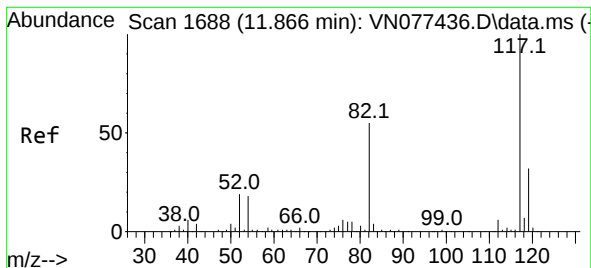
Tgt Ion:107 Resp: 475346
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 56.647 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 95 Resp: 544569
Ion Ratio Lower Upper
95 100
174 69.1 0.0 143.8
176 66.5 0.0 135.8

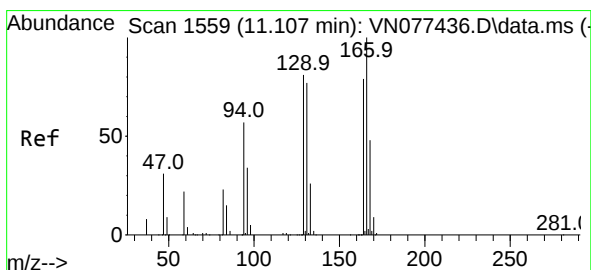
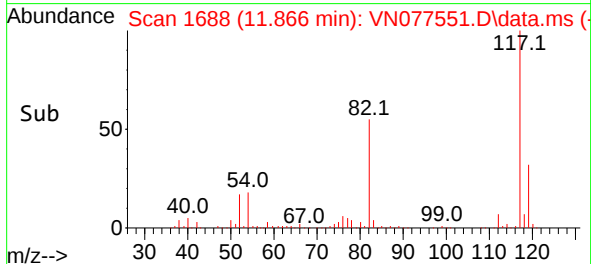
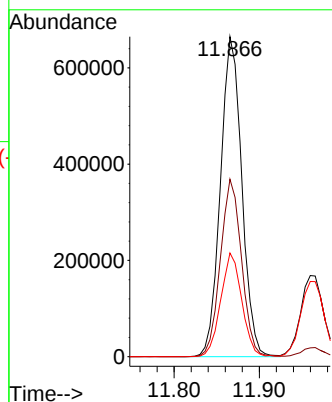
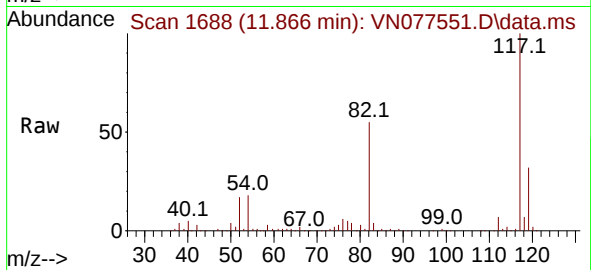




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

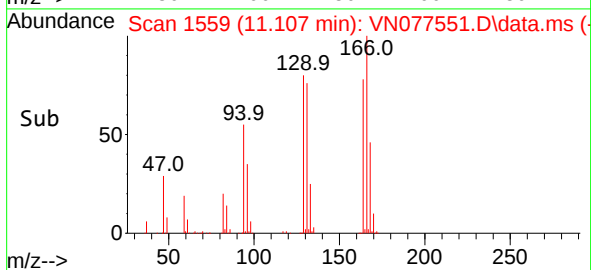
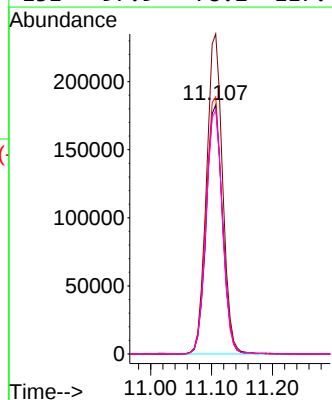
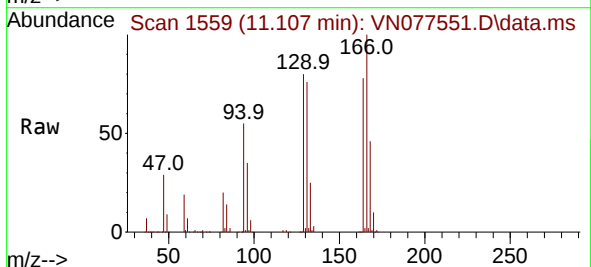
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

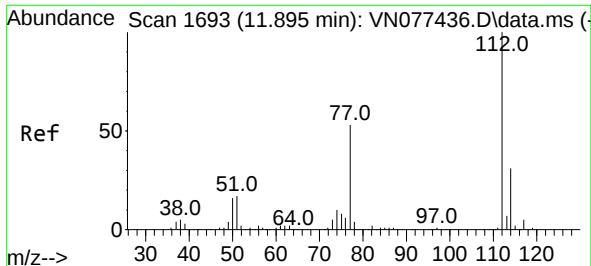
Tgt Ion:117 Resp: 1159602
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 48.597 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion:164 Resp: 337338
Ion Ratio Lower Upper
164 100
166 128.5 101.4 152.0
129 103.2 82.4 123.6
131 97.9 78.2 117.4

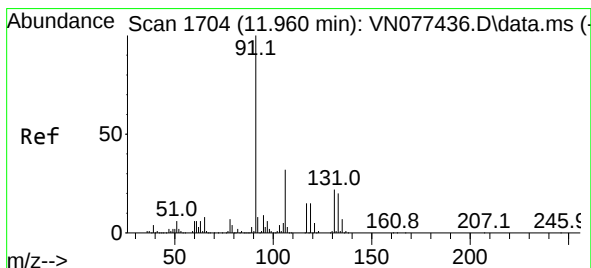
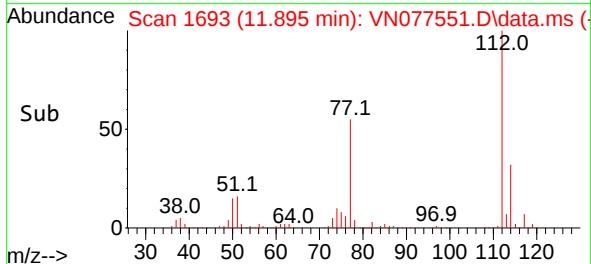
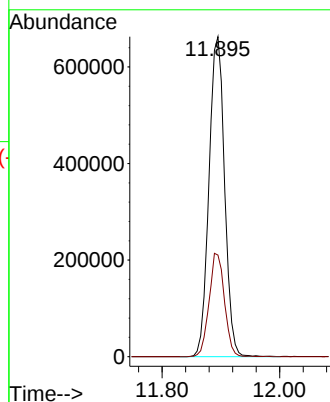
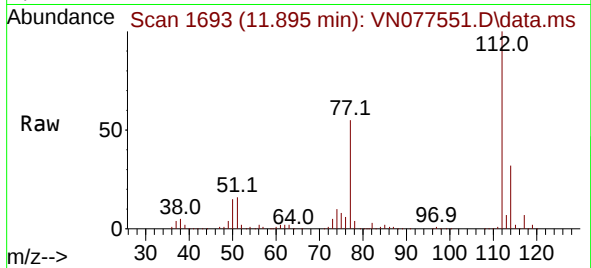




#65
Chlorobenzene
Concen: 49.719 ug/l
RT: 11.895 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

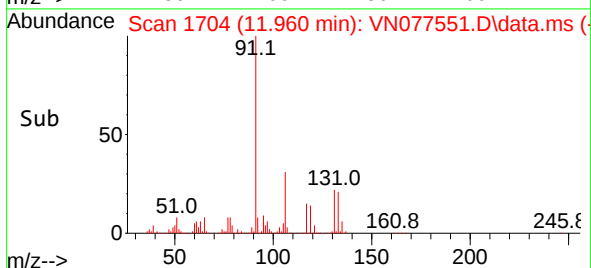
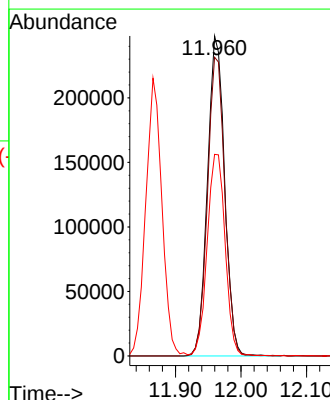
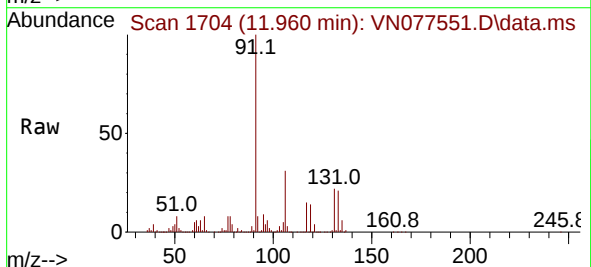
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

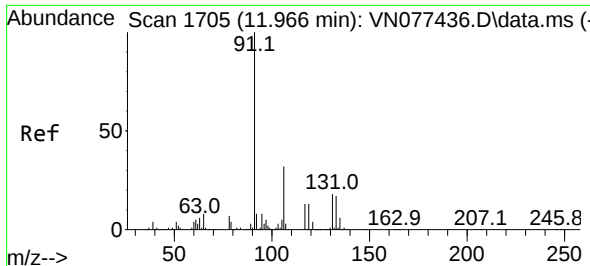
Tgt Ion:112 Resp: 1220003
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.396 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion:131 Resp: 449914
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 66.1 34.1 102.2

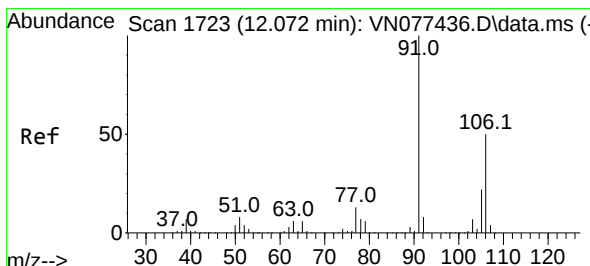
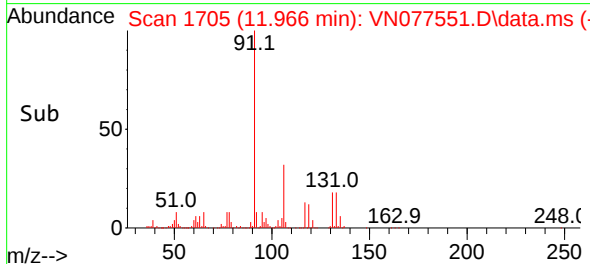
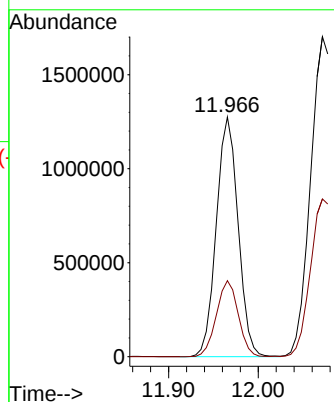
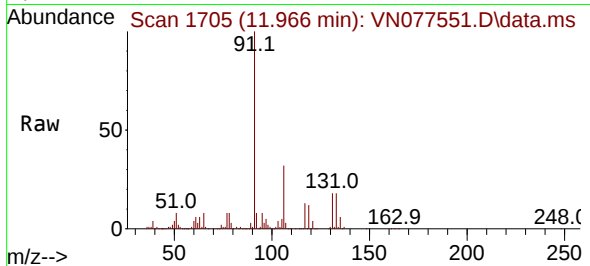




#67
Ethyl Benzene
Concen: 49.725 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

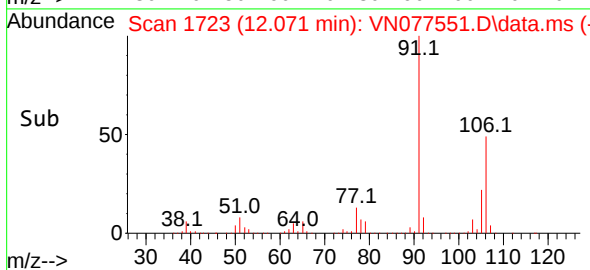
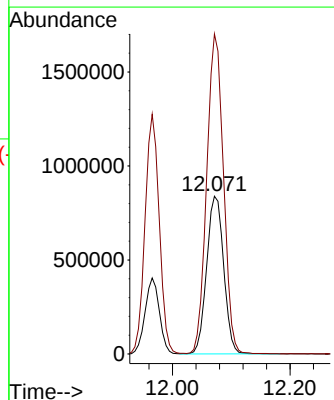
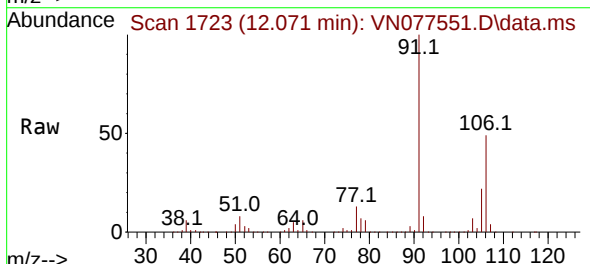
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

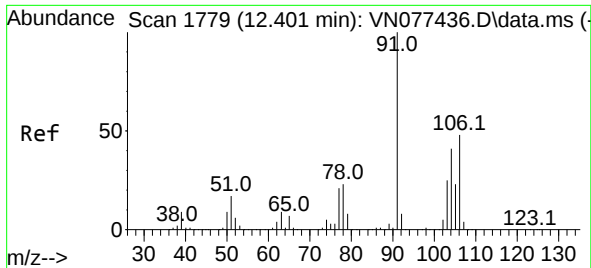
Tgt Ion: 91 Resp: 2147928
Ion Ratio Lower Upper
91 100
106 31.7 25.6 38.4



#68
m/p-Xylenes
Concen: 100.574 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion:106 Resp: 1688486
Ion Ratio Lower Upper
106 100
91 199.9 159.6 239.4

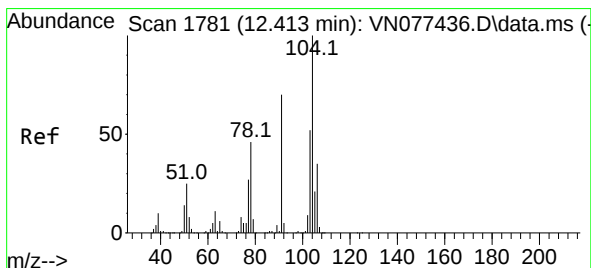
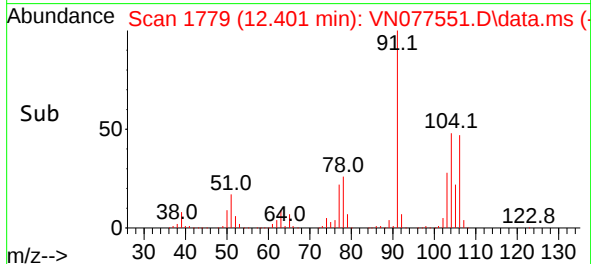
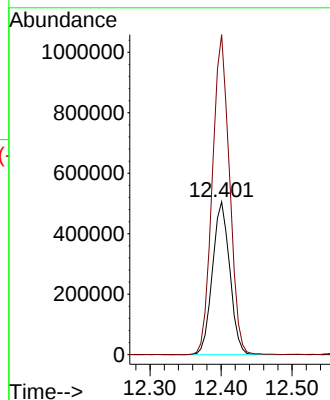
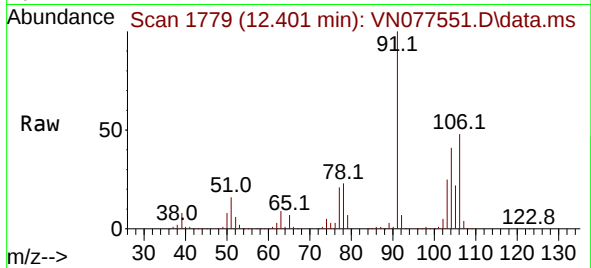




#69
o-Xylene
Concen: 51.749 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

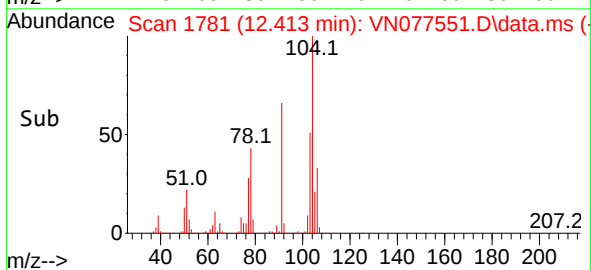
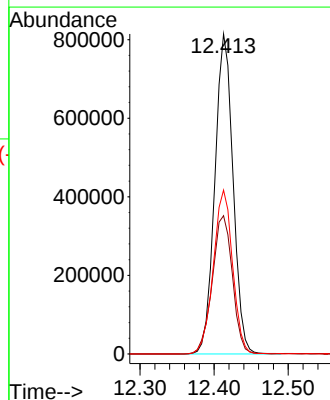
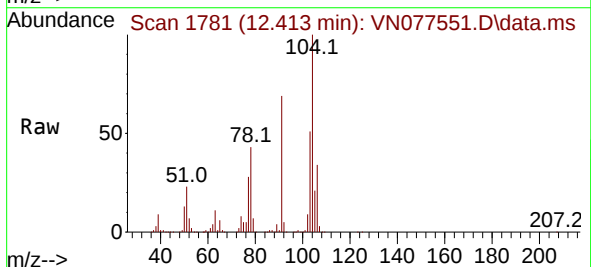
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

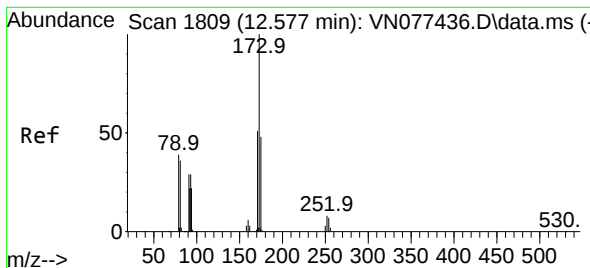
Tgt Ion:106 Resp: 854557
Ion Ratio Lower Upper
106 100
91 207.8 105.2 315.5



#70
Styrene
Concen: 53.797 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion:104 Resp: 1389297
Ion Ratio Lower Upper
104 100
78 47.7 39.5 59.3
103 54.2 43.2 64.8





#71

Bromoform

Concen: 54.007 ug/l

RT: 12.583 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

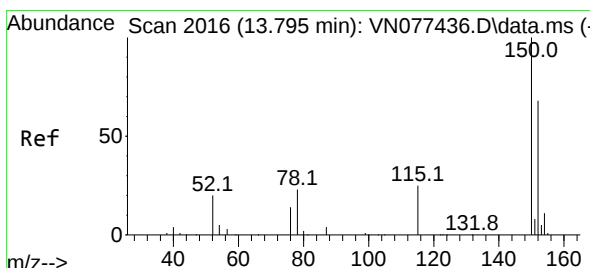
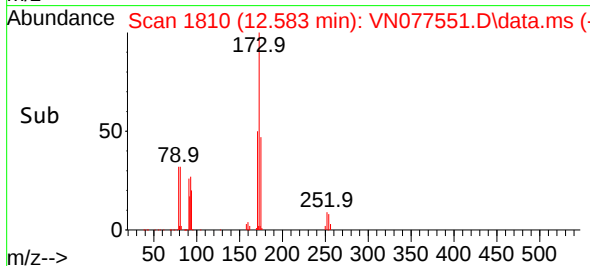
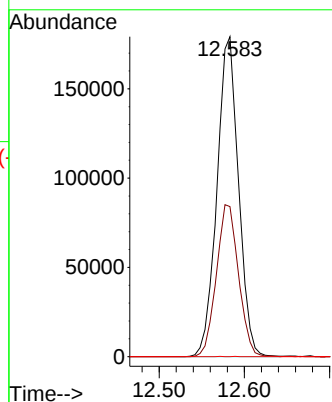
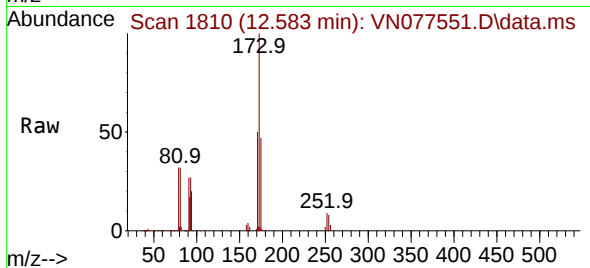
Tgt Ion:173 Resp: 315444

Ion Ratio Lower Upper

173 100

175 48.8 24.3 73.0

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

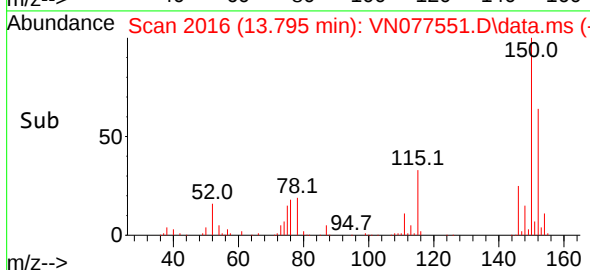
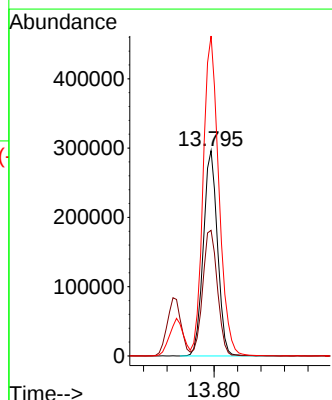
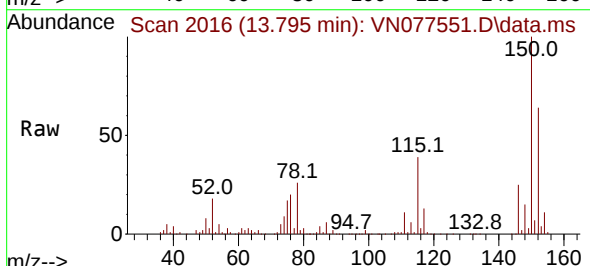
Tgt Ion:152 Resp: 494211

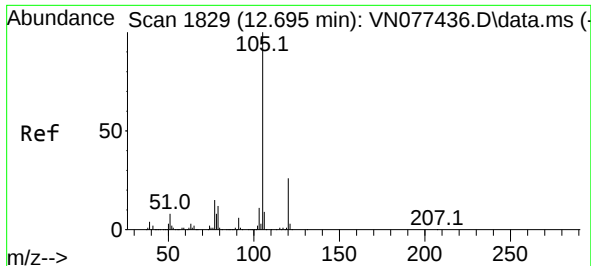
Ion Ratio Lower Upper

152 100

115 63.9 32.3 96.8

150 173.7 0.0 355.8

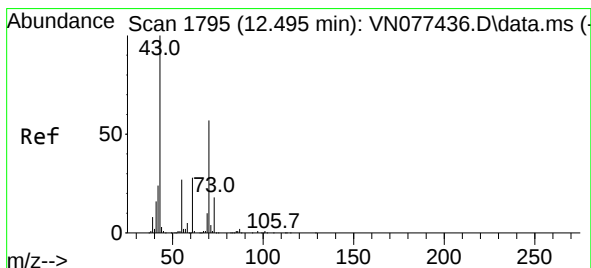
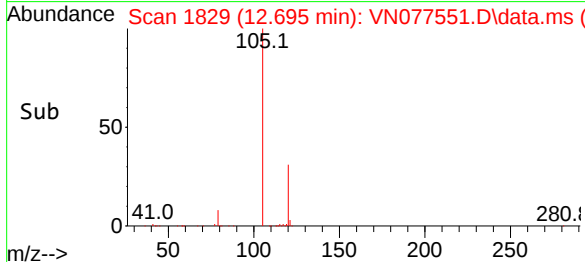
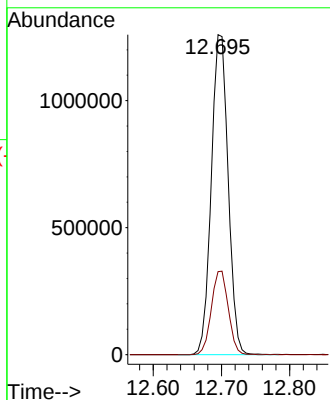
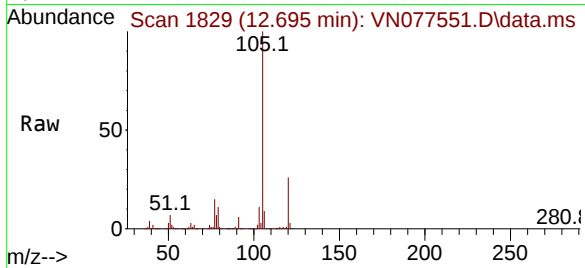




#73
Isopropylbenzene
Concen: 47.226 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

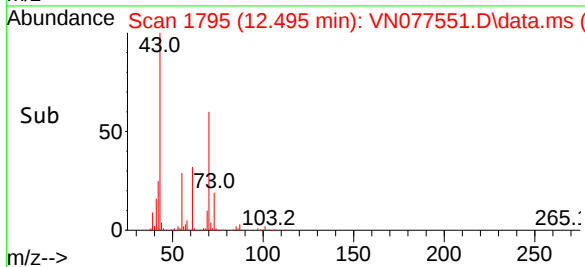
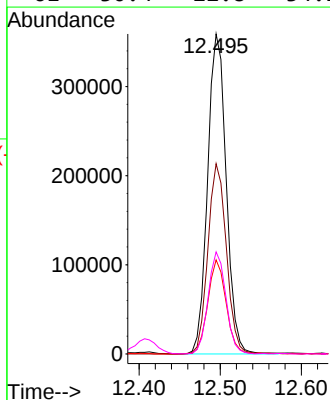
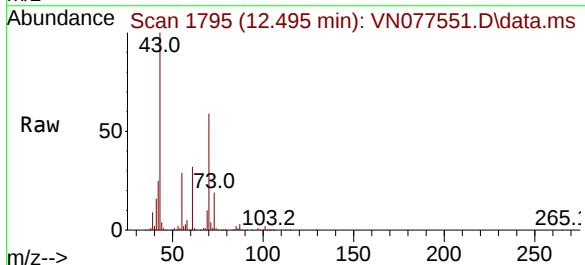
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

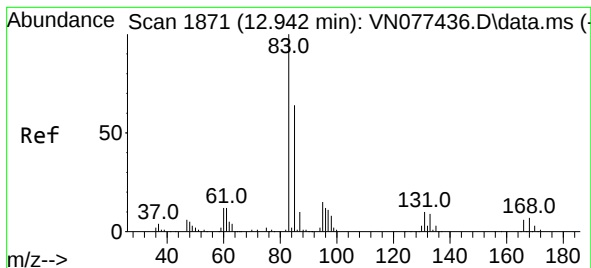
Tgt Ion:105 Resp: 2165823
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 42.049 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 43 Resp: 570909
Ion Ratio Lower Upper
43 100
70 59.1 43.4 65.2
55 28.9 21.4 32.0
61 30.4 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.366 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

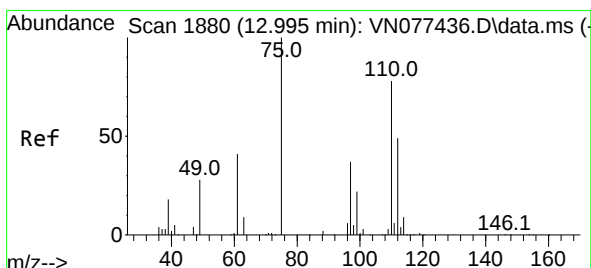
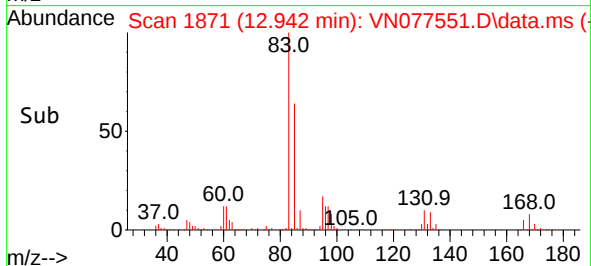
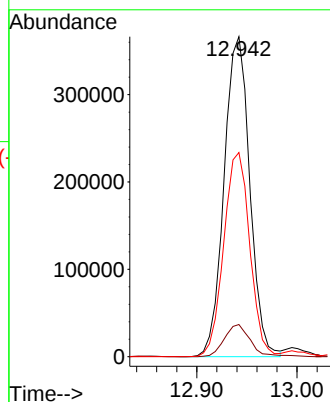
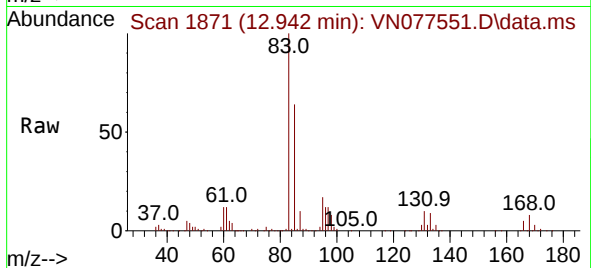
Tgt Ion: 83 Resp: 653701

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

85 64.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 65.988 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN077551.D

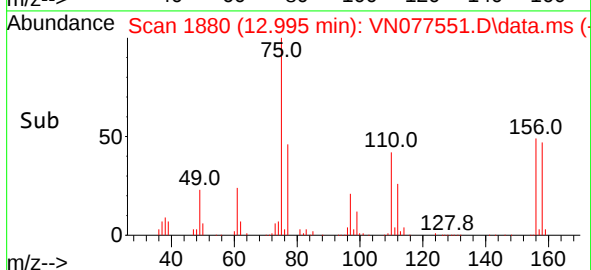
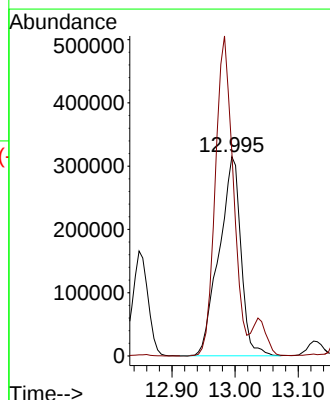
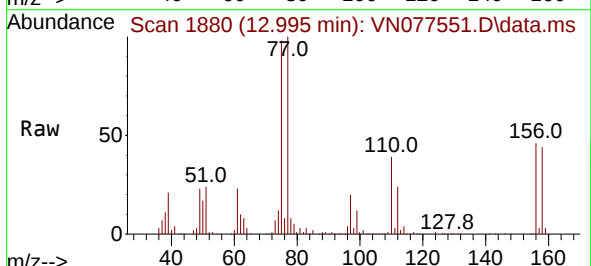
Acq: 03 May 2023 10:00

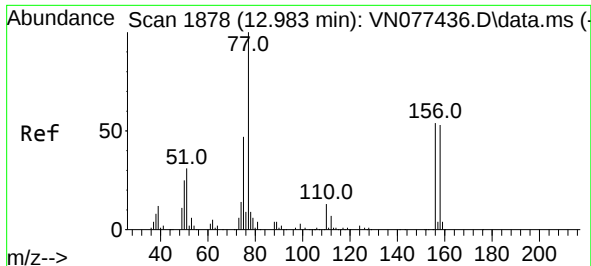
Tgt Ion: 75 Resp: 758356

Ion Ratio Lower Upper

75 100

77 131.2 84.5 253.5

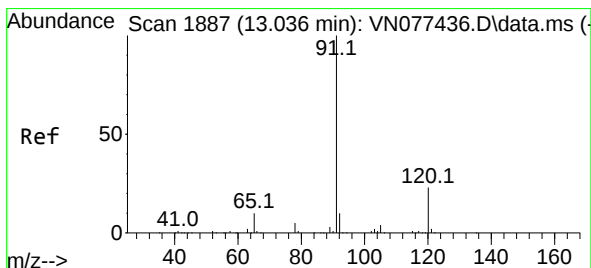
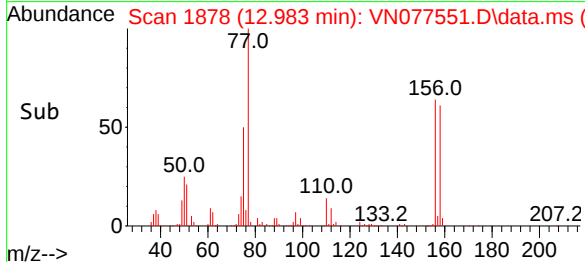
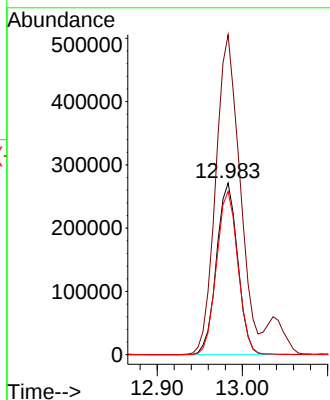
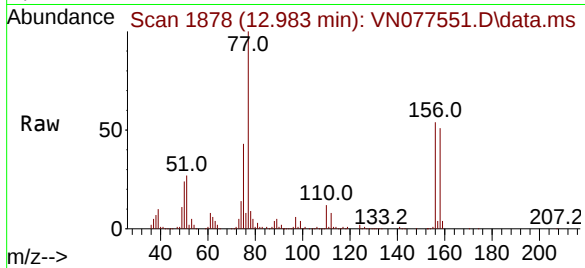




#77
Bromobenzene
Concen: 46.981 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

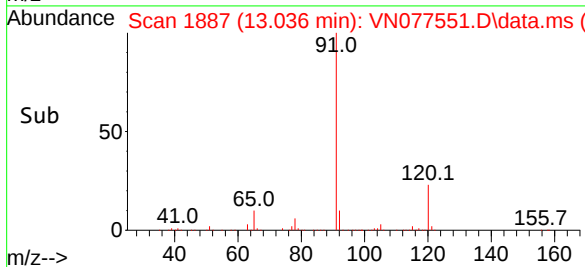
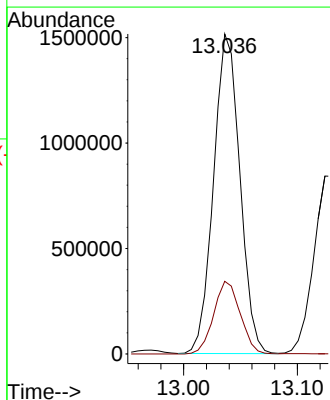
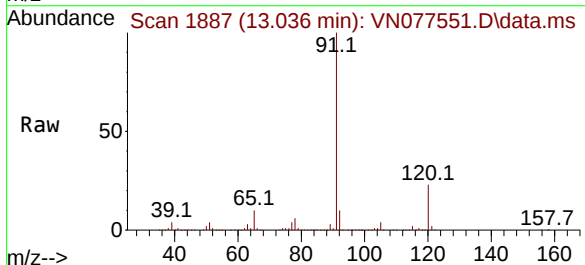
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

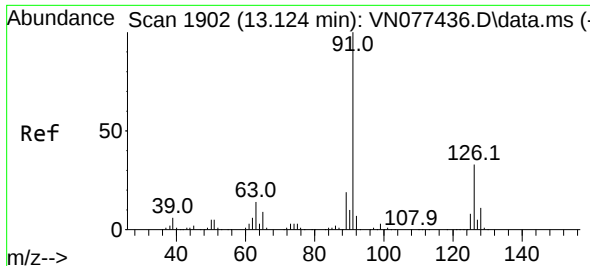
Tgt Ion:156 Resp: 469572
Ion Ratio Lower Upper
156 100
77 211.8 107.7 323.3
158 95.8 48.4 145.3



#78
n-propylbenzene
Concen: 48.116 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 91 Resp: 2439885
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

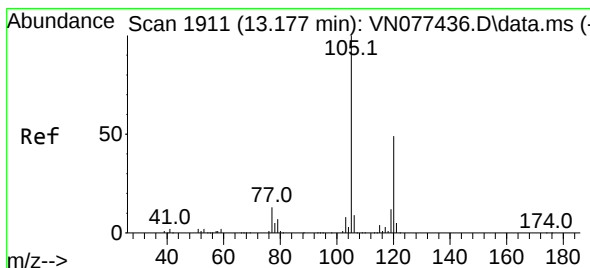
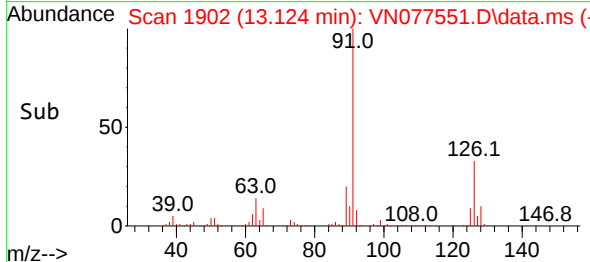
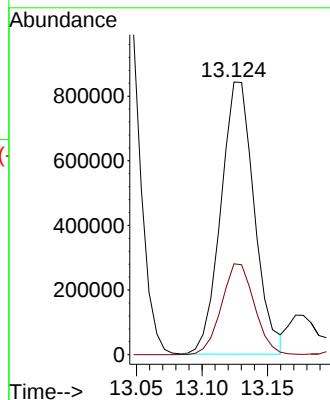
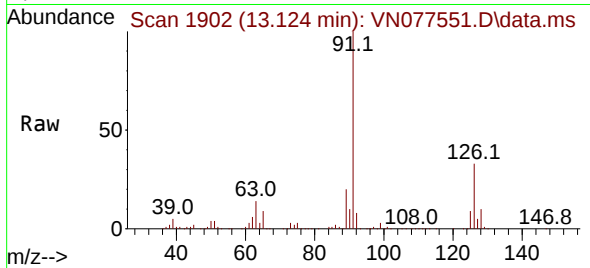




#79
2-Chlorotoluene
Concen: 47.821 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

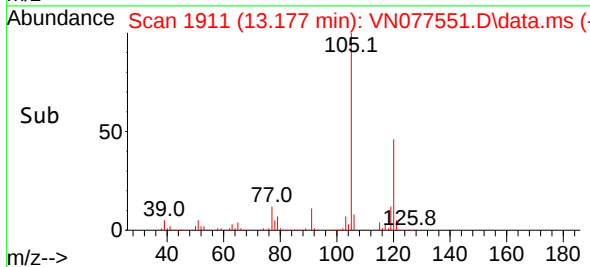
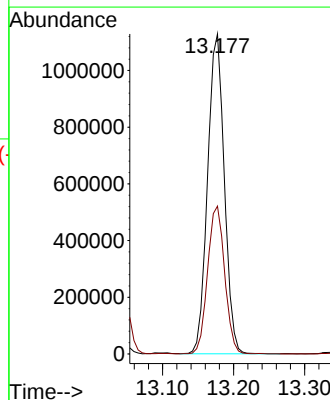
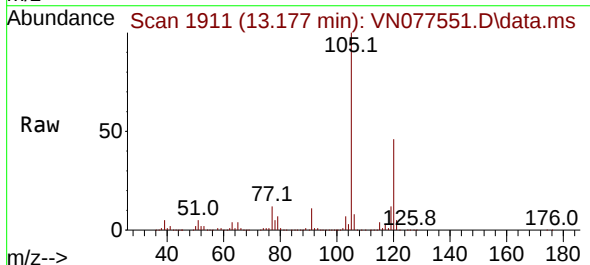
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

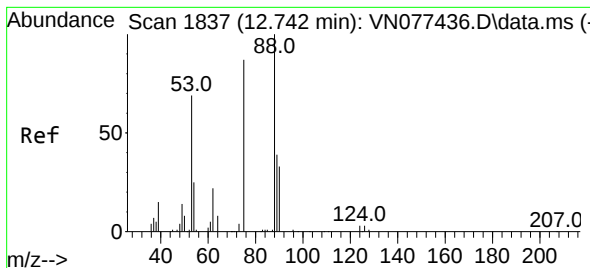
Tgt Ion: 91 Resp: 1495092
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 54.141 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion:105 Resp: 1843895
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3

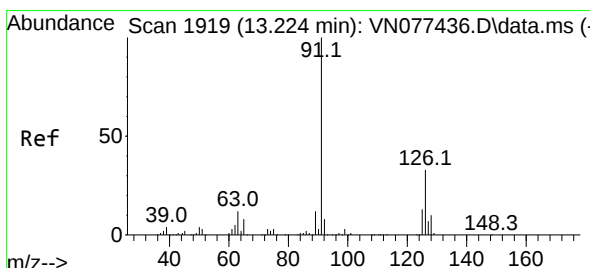
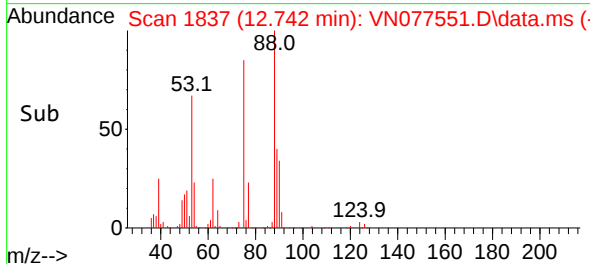
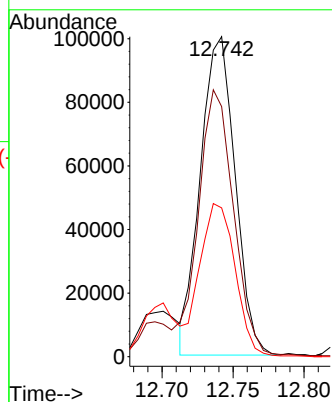
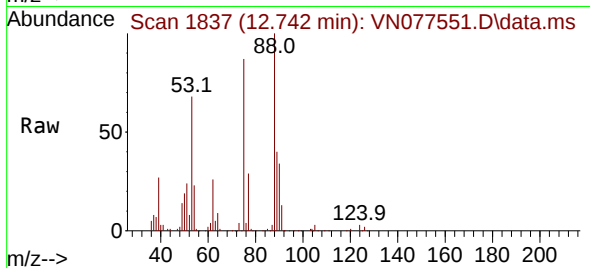




#81
trans-1,4-Dichloro-2-butene
Concen: 41.989 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

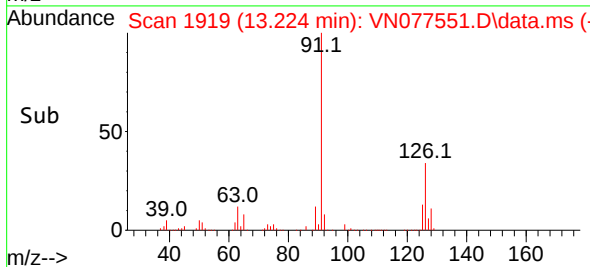
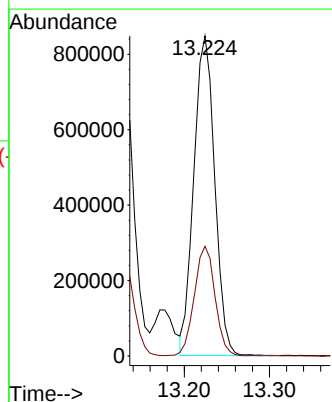
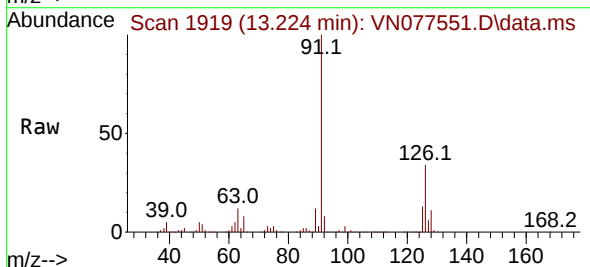
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

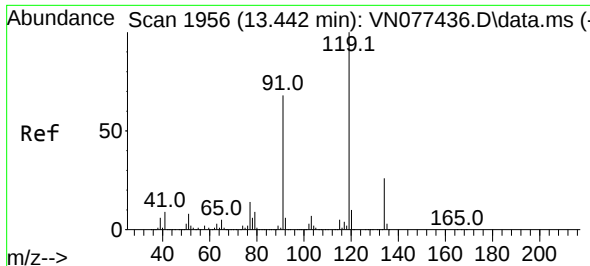
Tgt Ion: 75 Resp: 170805
Ion Ratio Lower Upper
75 100
53 85.4 67.4 101.2
89 49.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 49.331 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 91 Resp: 1441164
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.0

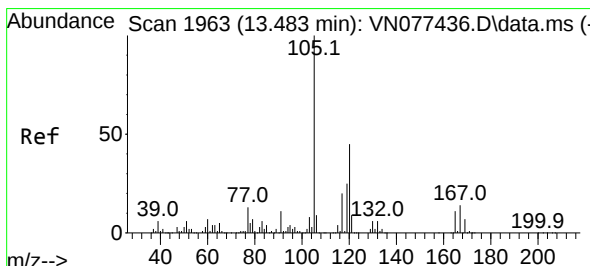
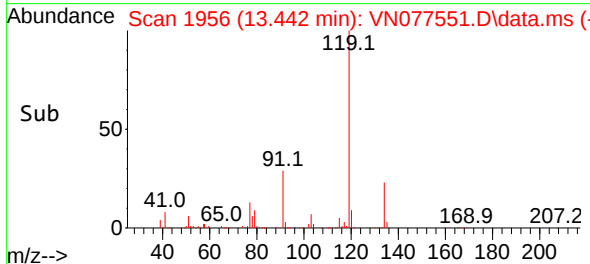
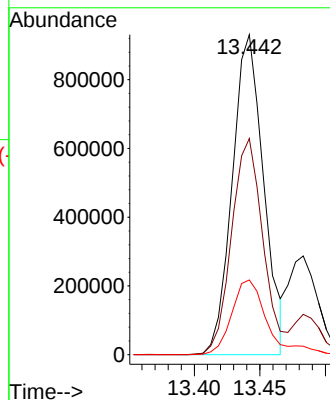
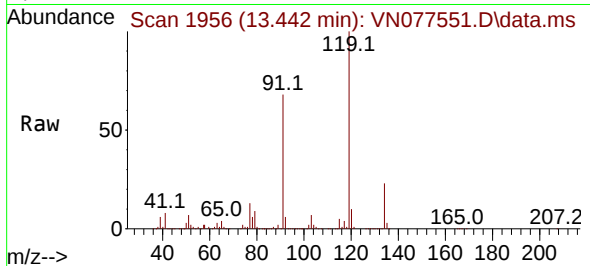




#83
tert-Butylbenzene
Concen: 46.838 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

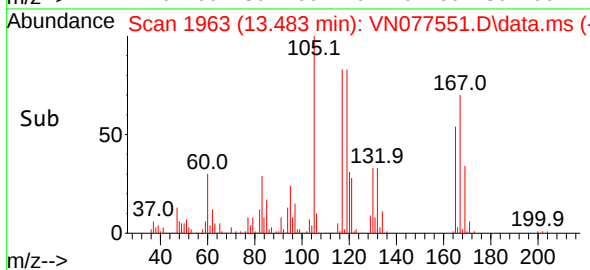
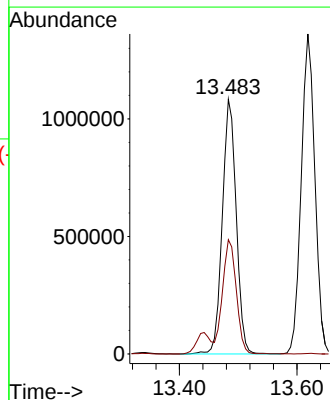
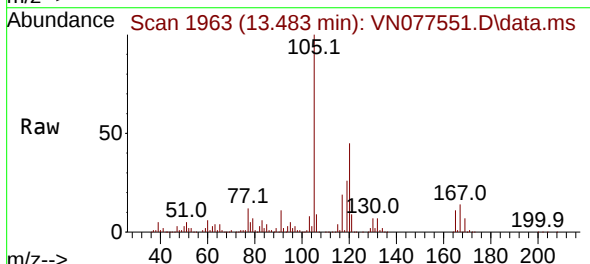
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

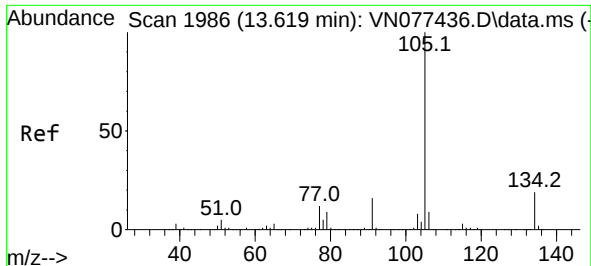
Tgt Ion:119 Resp: 1549139
Ion Ratio Lower Upper
119 100
91 68.2 33.9 101.7
134 26.5 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 55.812 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion:105 Resp: 1775223
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0

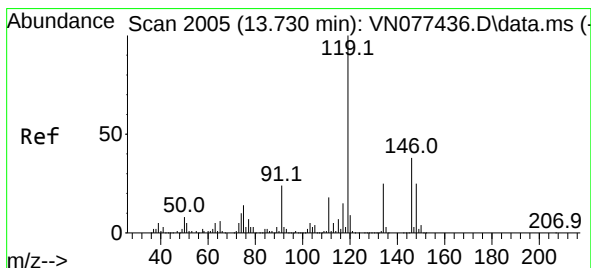
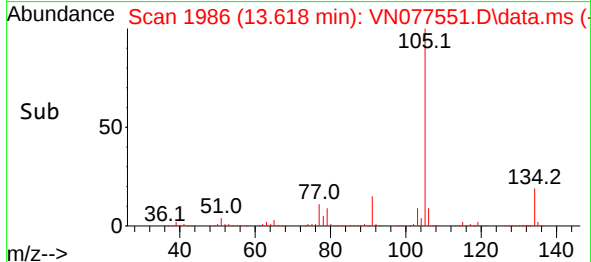
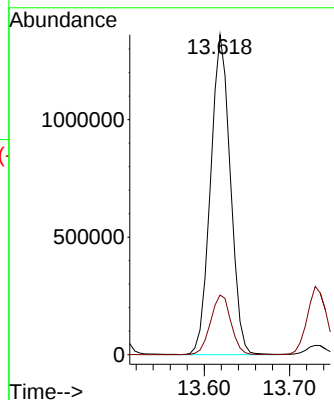
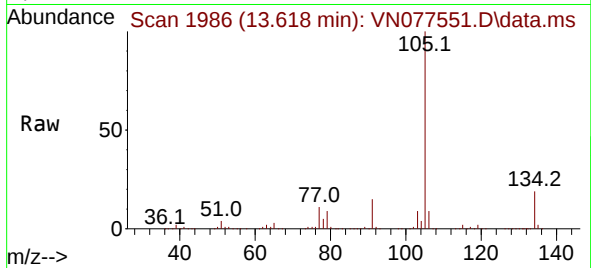




#85
 sec-Butylbenzene
 Concen: 48.362 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077551.D
 Acq: 03 May 2023 10:00

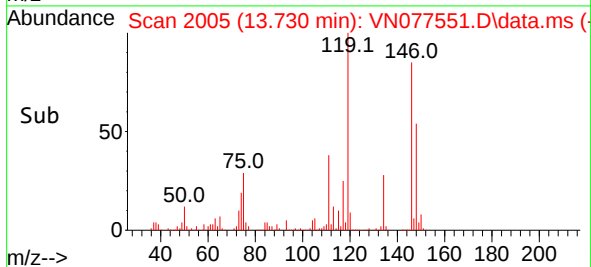
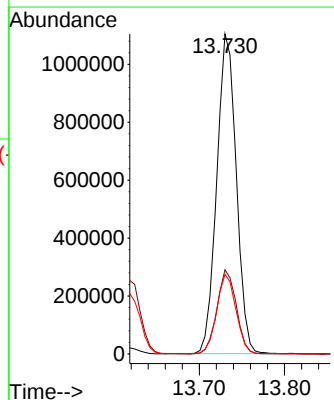
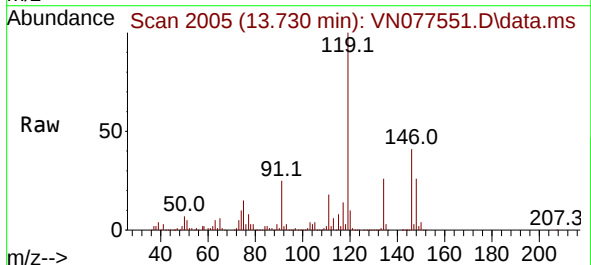
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

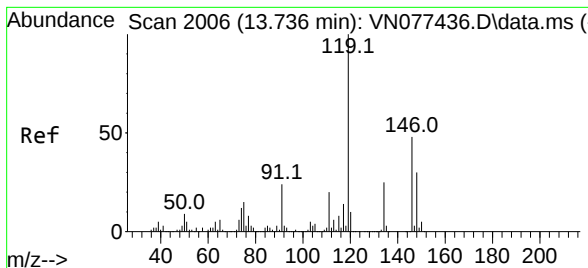
Tgt Ion:105 Resp: 2195495
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 50.427 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077551.D
 Acq: 03 May 2023 10:00

Tgt Ion:119 Resp: 1761383
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 24.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.602 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

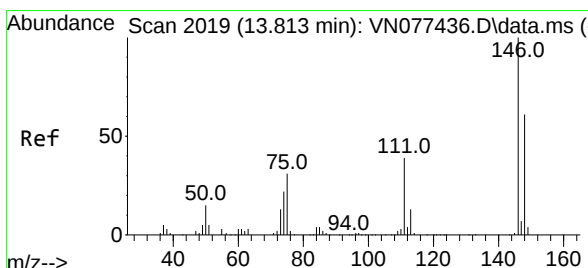
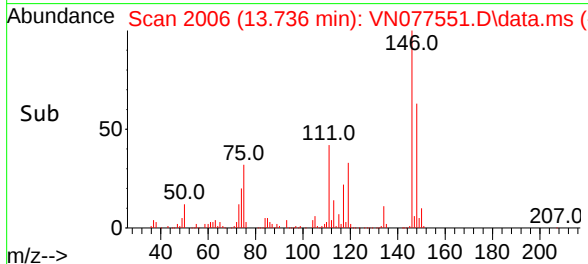
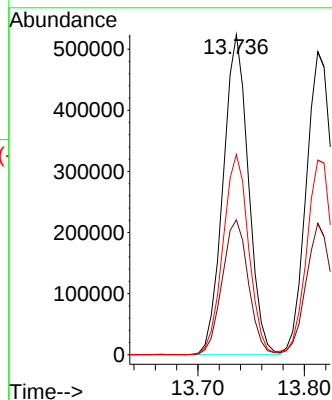
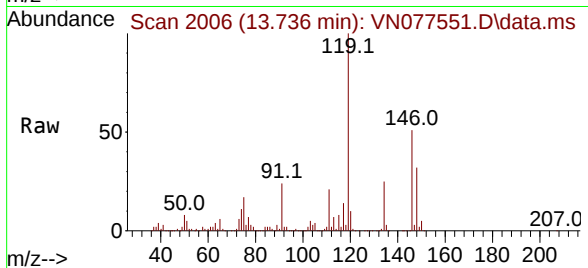
Tgt Ion:146 Resp: 863904

Ion Ratio Lower Upper

146 100

111 43.6 22.1 66.3

148 63.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 48.883 ug/l

RT: 13.812 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

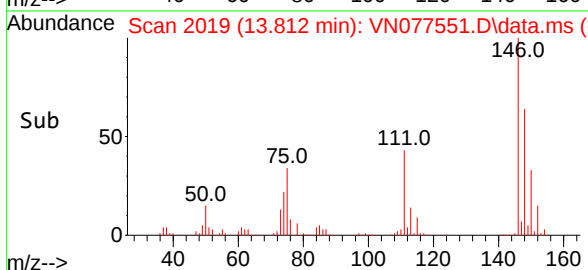
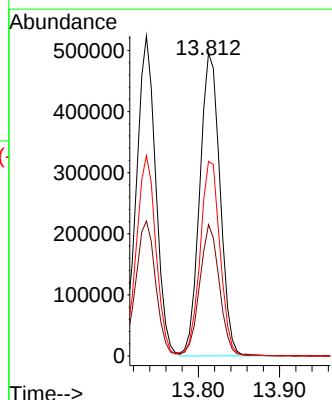
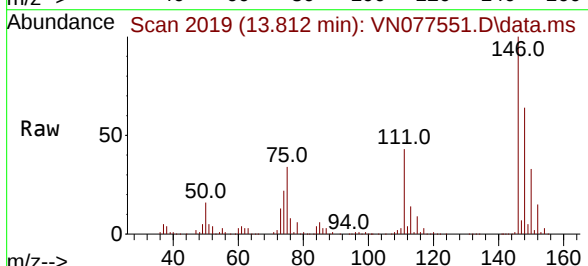
Tgt Ion:146 Resp: 857940

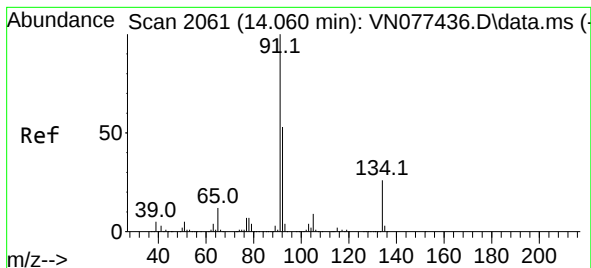
Ion Ratio Lower Upper

146 100

111 42.2 20.6 61.8

148 63.6 31.6 94.8





#89

n-Butylbenzene

Concen: 52.556 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

Instrument :

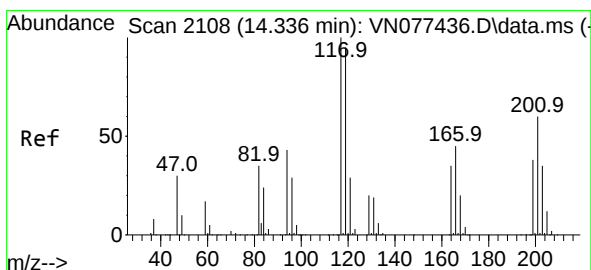
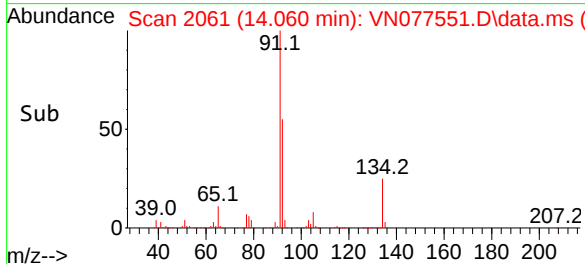
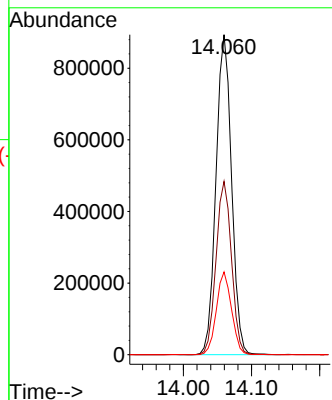
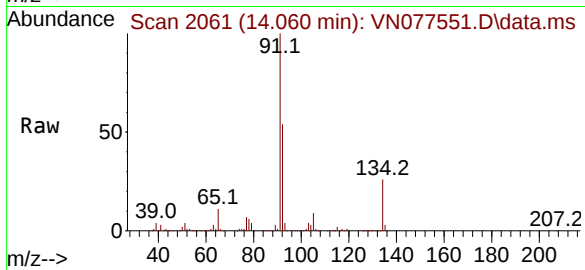
MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1420667

Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.4	79.0
134	25.2	12.6	37.6



#90

Hexachloroethane

Concen: 46.144 ug/l

RT: 14.336 min Scan# 2108

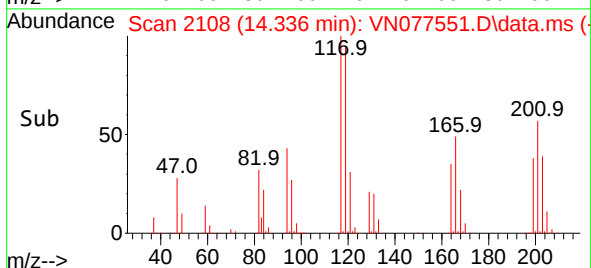
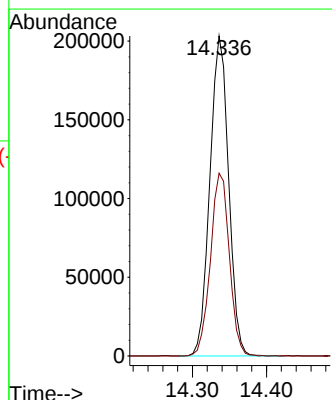
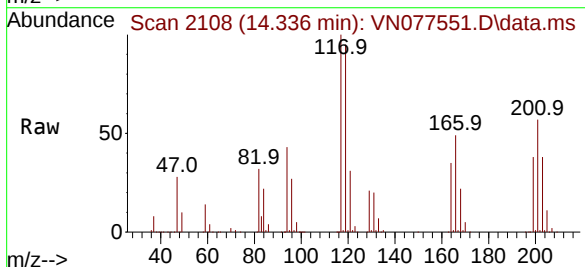
Delta R.T. -0.000 min

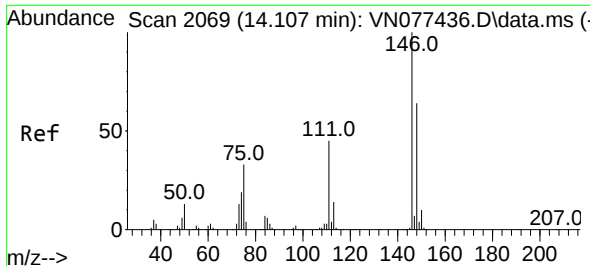
Lab File: VN077551.D

Acq: 03 May 2023 10:00

Tgt Ion: 117 Resp: 356082

Ion	Ratio	Lower	Upper
117	100		
201	57.7	29.3	88.0

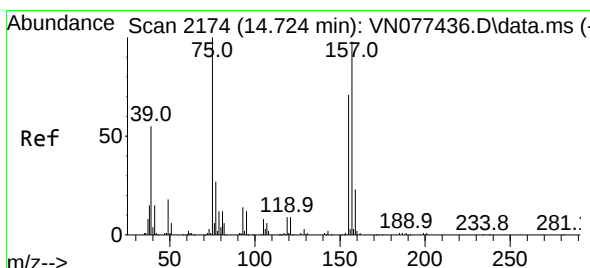
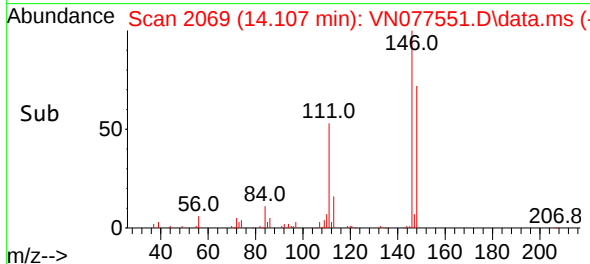
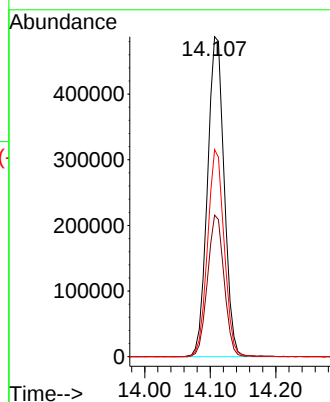
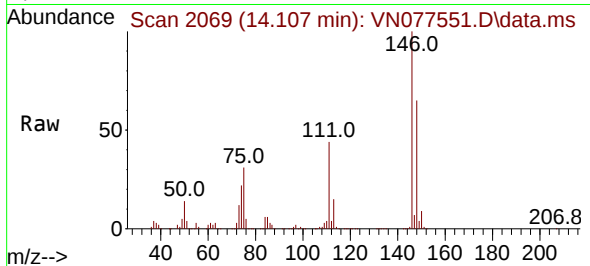




#91
1,2-Dichlorobenzene
Concen: 49.102 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

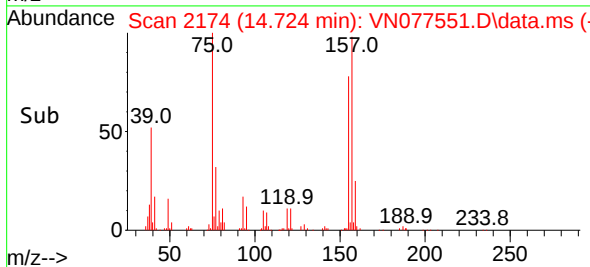
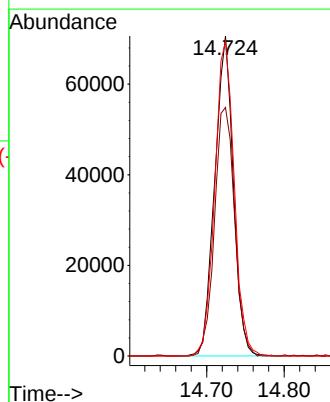
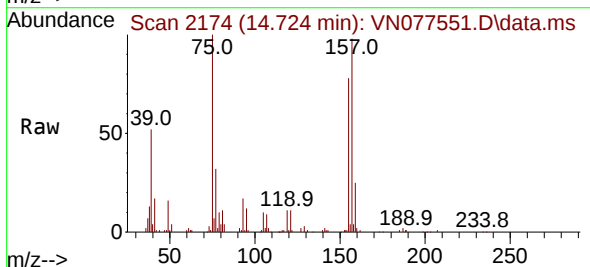
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

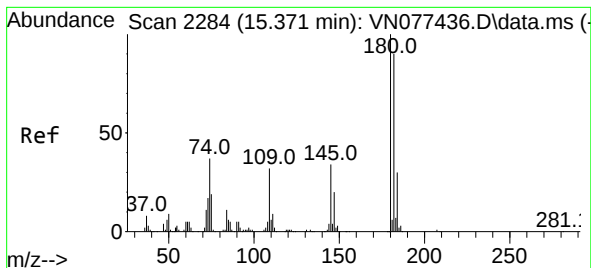
Tgt Ion:146 Resp: 865673
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 64.2 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.148 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion: 75 Resp: 117639
Ion Ratio Lower Upper
75 100
155 84.0 39.1 117.2
157 102.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 47.796 ug/l

RT: 15.395 min Scan# 21

Delta R.T. 0.024 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

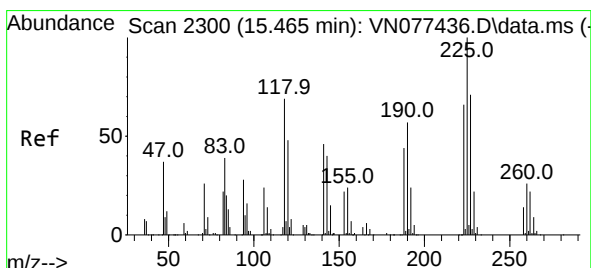
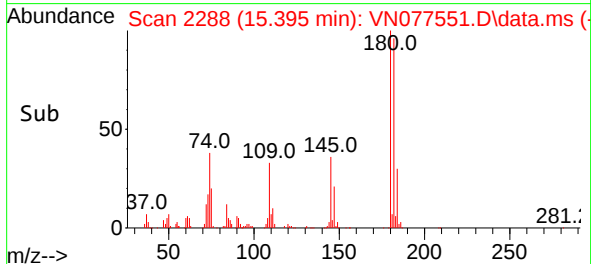
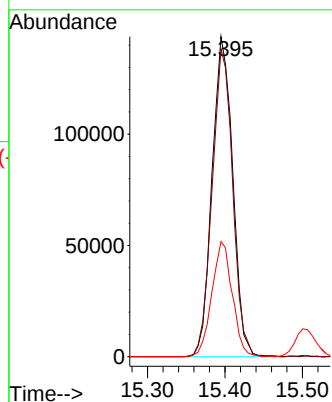
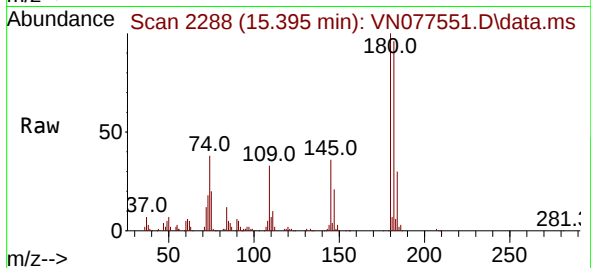
Tgt Ion:180 Resp: 265984

Ion Ratio Lower Upper

180 100

182 95.7 46.1 138.2

145 35.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 48.169 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. 0.042 min

Lab File: VN077551.D

Acq: 03 May 2023 10:00

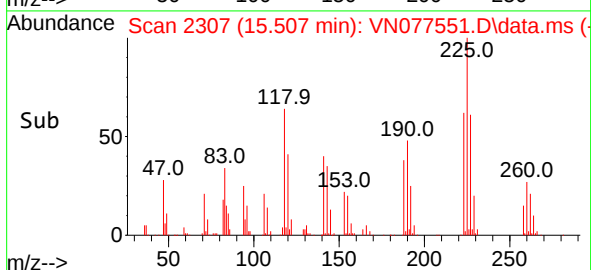
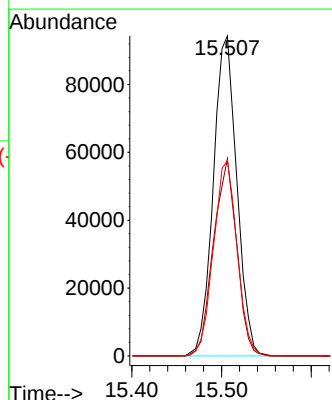
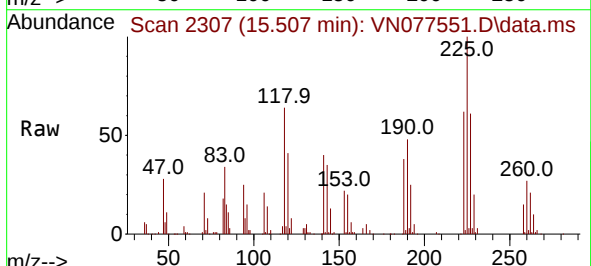
Tgt Ion:225 Resp: 171606

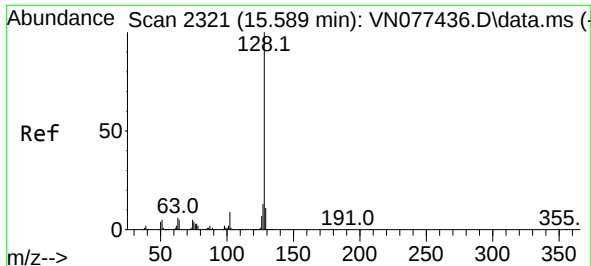
Ion Ratio Lower Upper

225 100

223 60.9 31.3 93.8

227 61.4 31.9 95.9

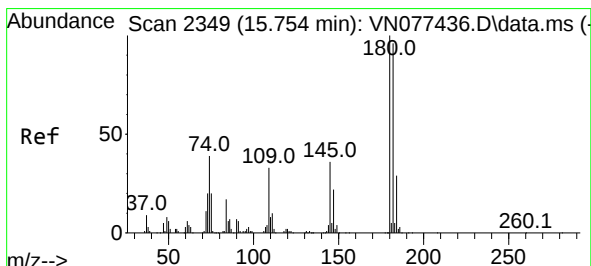
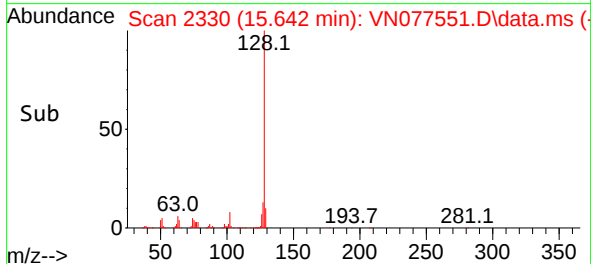
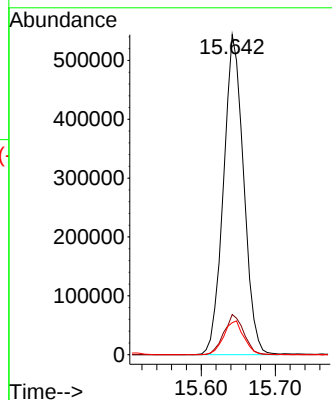
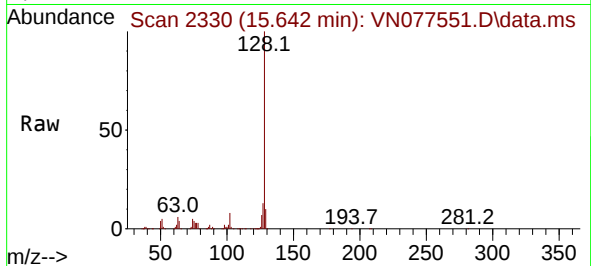




#95
Naphthalene
Concen: 48.409 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.053 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1028272
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.138 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.088 min
Lab File: VN077551.D
Acq: 03 May 2023 10:00

Tgt Ion:180 Resp: 251384
Ion Ratio Lower Upper
180 100
182 95.5 46.2 138.6
145 35.7 17.5 52.6

