

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111323\
 Data File : VN080069.D
 Acq On : 13 Nov 2023 16:17
 Operator : JC\MD
 Sample : PB157075ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 14 19:25:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

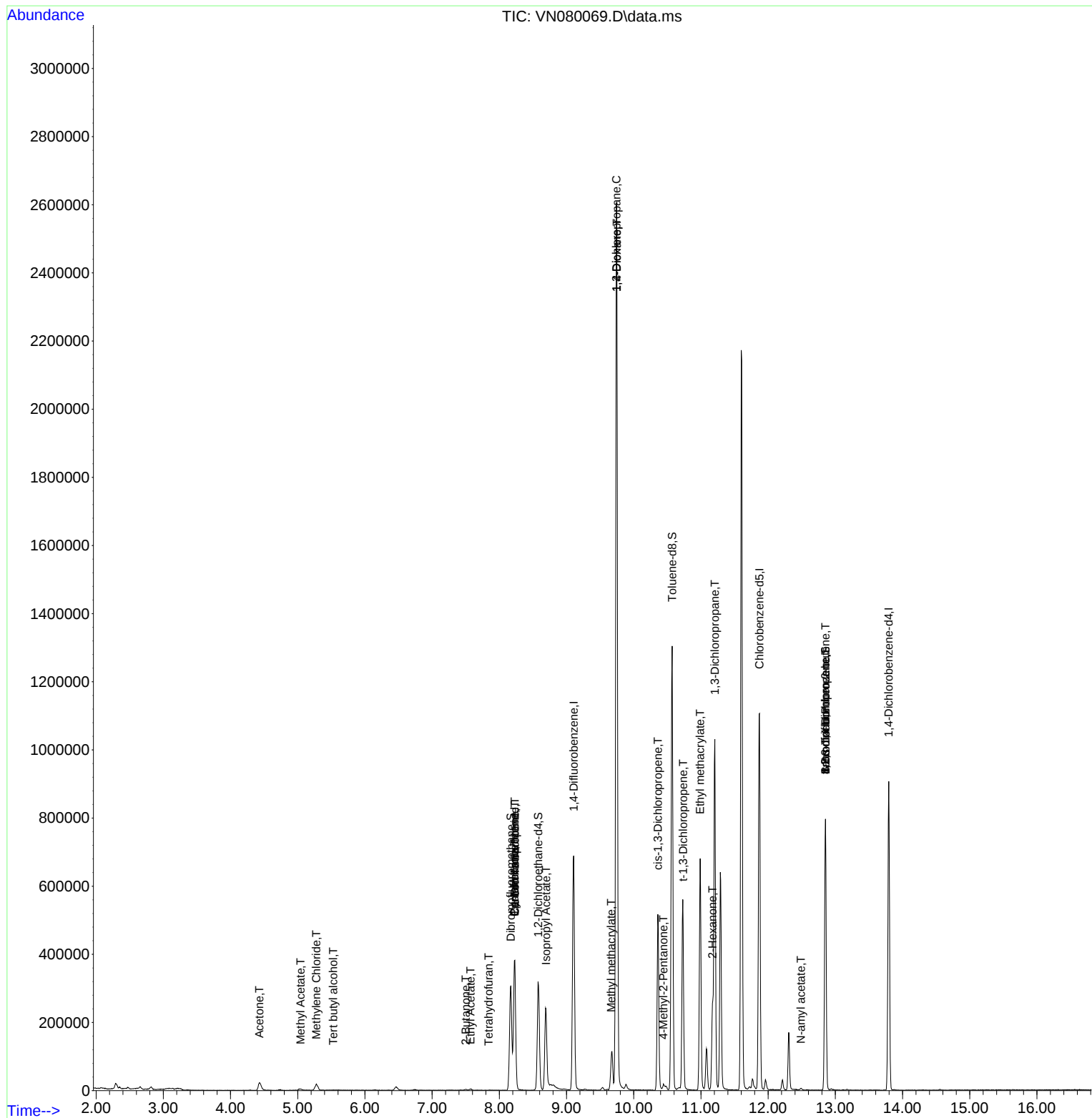
Internal Standards						
1) Pentafluorobenzene	8.224	168	272319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	655706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	258527	62.313	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.620%	
35) Dibromofluoromethane	8.171	113	220396	53.398	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.800%	
50) Toluene-d8	10.571	98	892327	58.727	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 117.460%#	
62) 4-Bromofluorobenzene	12.853	95	278386	55.244	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	1002	Below Cal	#	77
11) Tert butyl alcohol	5.530	59	260	0.491	ug/l #	72
16) Acetone	4.430	43	44458	30.506	ug/l	92
18) Methyl Acetate	5.042	43	7987	1.146	ug/l #	70
20) Methylene Chloride	5.277	84	12678	3.448	ug/l #	85
25) 2-Butanone	7.500	43	4067	1.906	ug/l #	67
29) Tetrahydrofuran	7.841	42	523	0.377	ug/l #	37
31) Cyclohexane	8.224	56	6797	1.240	ug/l #	25
36) 1,1-Dichloropropene	8.230	75	25268	4.288	ug/l #	47
37) Ethyl Acetate	7.571	43	5757	1.065	ug/l #	81
38) Carbon Tetrachloride	8.230	117	30121	5.071	ug/l #	17
43) Isopropyl Acetate	8.694	43	269314	28.414	ug/l #	82
45) 1,2-Dichloropropane	9.741	63	3365	0.746	ug/l #	45
48) Methyl methacrylate	9.665	41	7489	1.804	ug/l #	29
49) 1,4-Dioxane	9.747	88	585	7.974	ug/l #	1
51) 4-Methyl-2-Pentanone	10.441	43	10796	2.023	ug/l	99
53) t-1,3-Dichloropropene	10.735	75	1512	0.235	ug/l #	57
54) cis-1,3-Dichloropropene	10.359	75	92506	13.179	ug/l #	68
56) Ethyl methacrylate	10.988	69	3027	0.504	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	10188	1.373	ug/l #	42
59) 2-Hexanone	11.171	43	190448	46.653	ug/l #	19
71) Bromoform	12.853	173	2014	0.553	ug/l #	1
74) N-amyl acetate	12.488	43	2376	0.303	ug/l #	41
76) 1,2,3-Trichloropropane	12.853	75	147695	26.563	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	147695	72.271	ug/l #	15

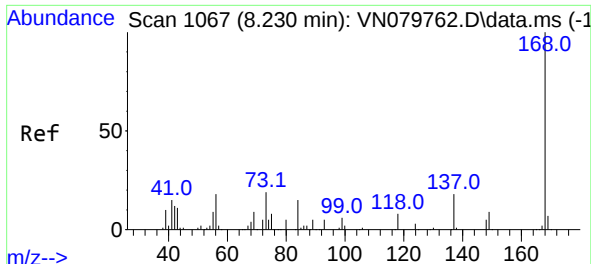
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

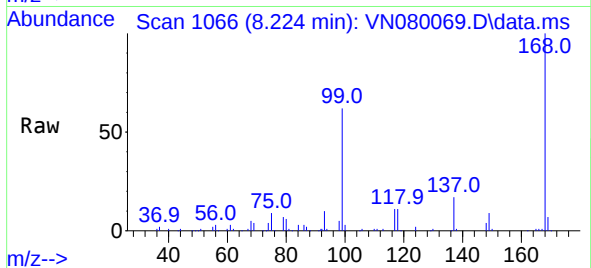
Quant Time: Nov 14 19:25:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration



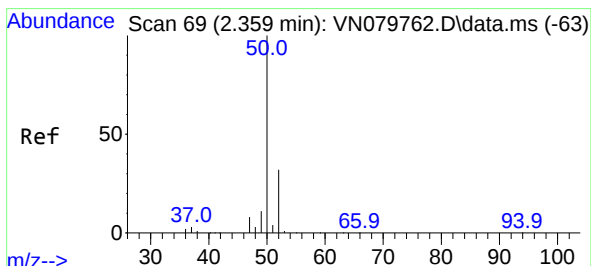
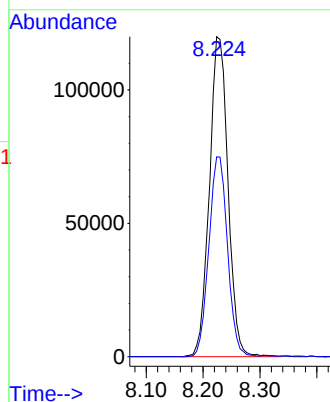
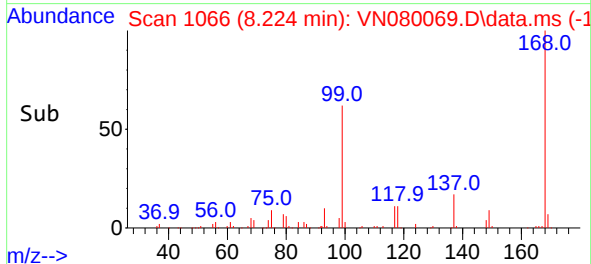


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.005 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

Instrument :
MSVOA_N
ClientSampleId :

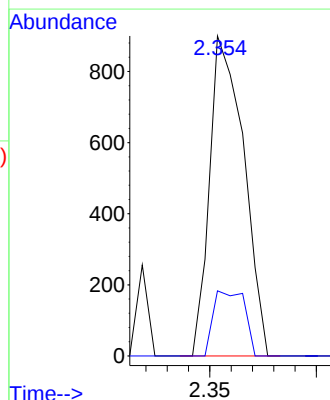
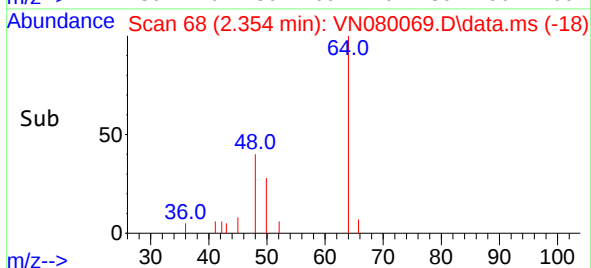
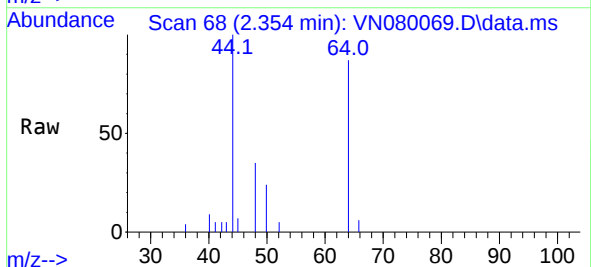


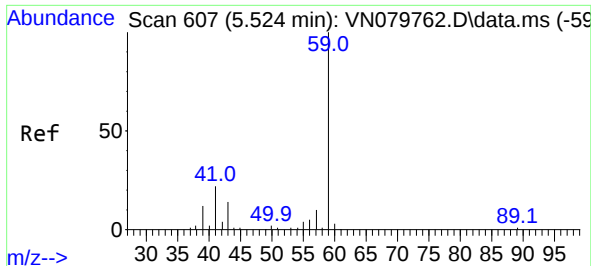
Tgt Ion:168 Resp: 272319
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

Tgt Ion: 50 Resp: 1002
Ion Ratio Lower Upper
50 100
52 20.3 26.5 39.7#

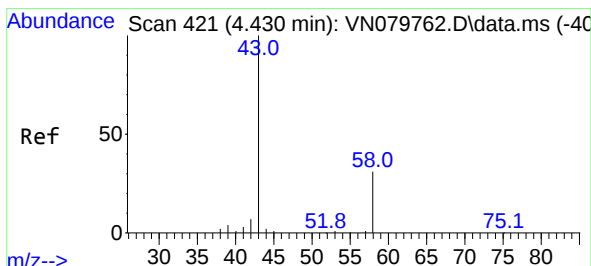
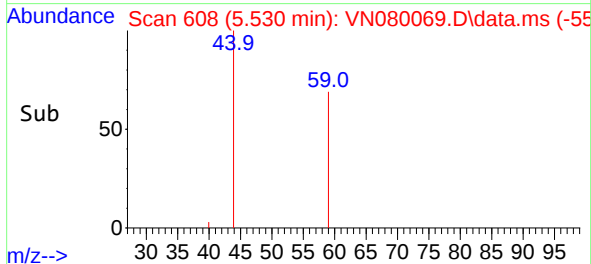
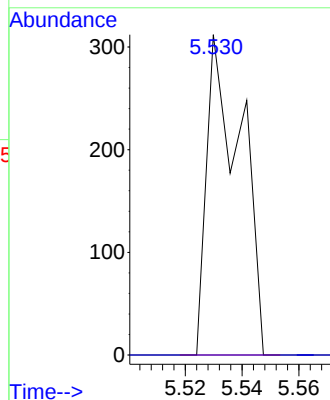
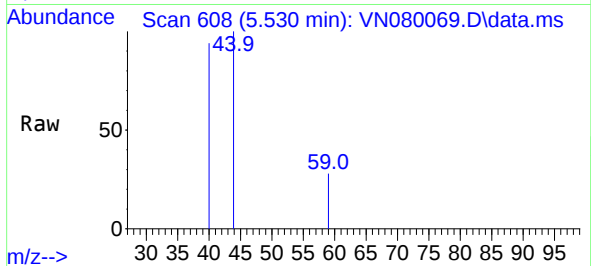




#11
Tert butyl alcohol
Concen: 0.491 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

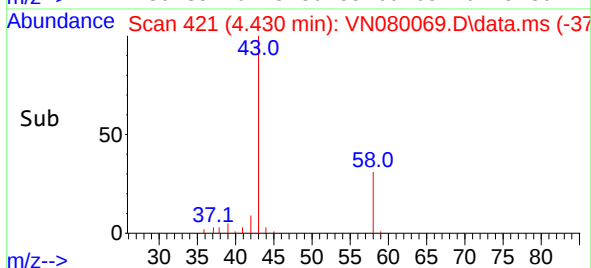
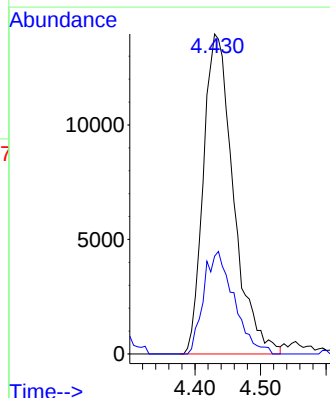
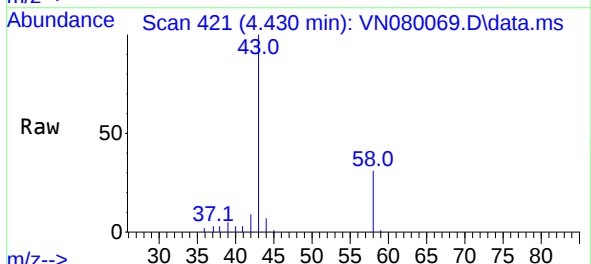
Instrument :
MSVOA_N
ClientSampleId :

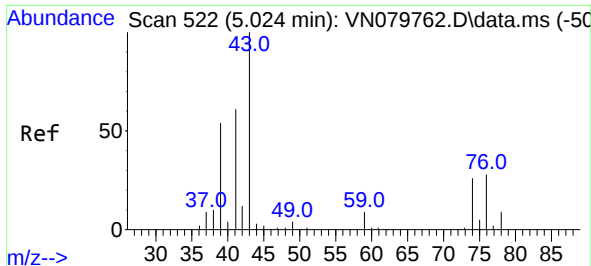
Tgt Ion: 59 Resp: 260
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 30.506 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

Tgt Ion: 43 Resp: 44458
Ion Ratio Lower Upper
43 100
58 30.5 28.0 42.0

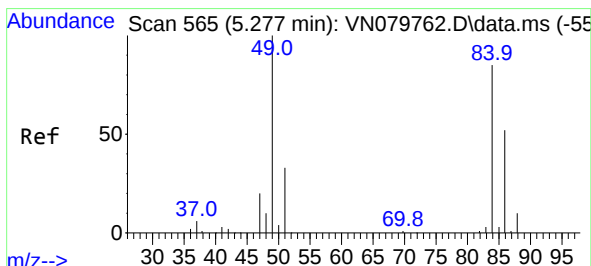
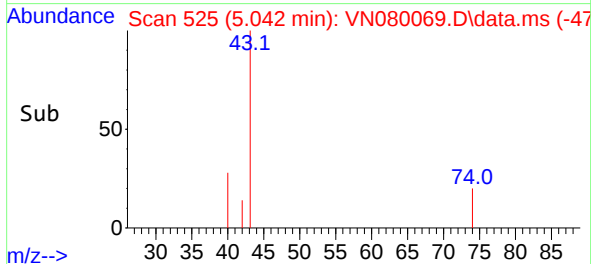
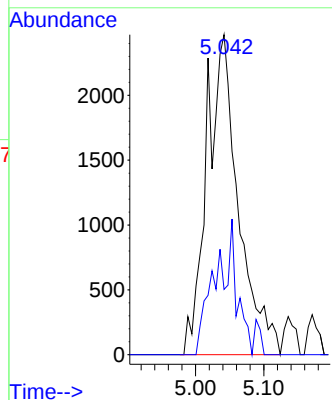
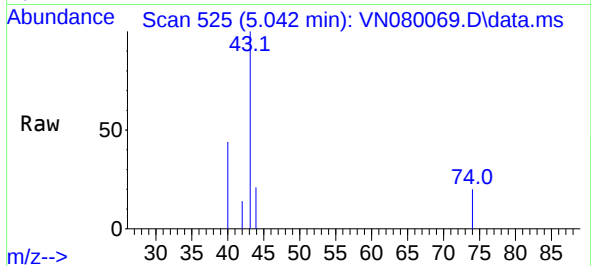




#18
Methyl Acetate
Concen: 1.146 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

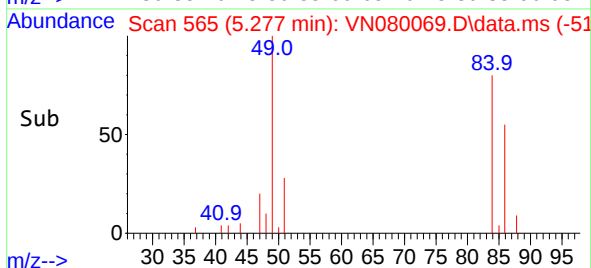
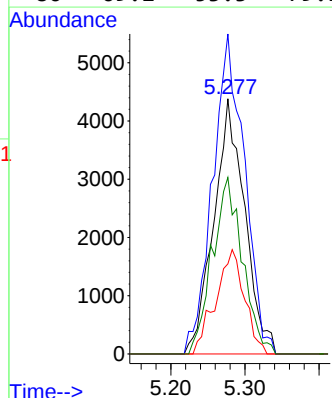
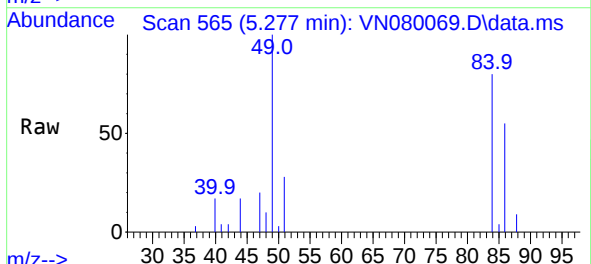
Instrument :
MSVOA_N
ClientSampleId :

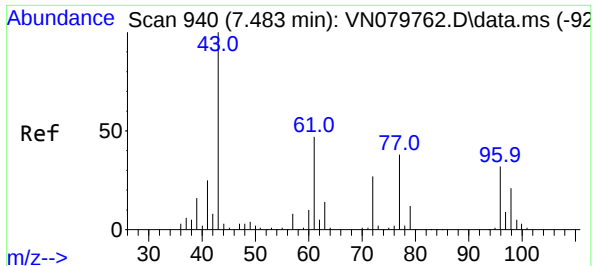
Tgt Ion: 43 Resp: 7987
Ion Ratio Lower Upper
43 100
74 15.7 26.2 39.4#



#20
Methylene Chloride
Concen: 3.448 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

Tgt Ion: 84 Resp: 12678
Ion Ratio Lower Upper
84 100
49 125.4 79.7 119.5#
51 35.3 25.2 37.8
86 69.2 53.3 79.9





#25

2-Butanone

Concen: 1.906 ug/l

RT: 7.500 min Scan# 940

Delta R.T. 0.012 min

Lab File: VN080069.D

Acq: 13 Nov 2023 16:17

Instrument :

MSVOA_N

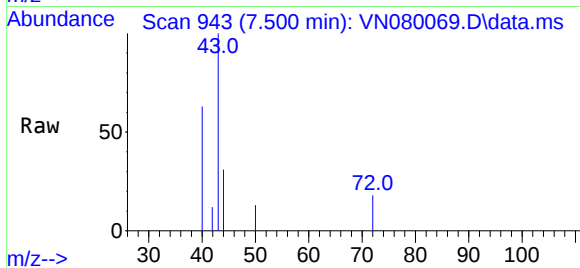
ClientSampleId :

Tgt Ion: 43 Resp: 4067

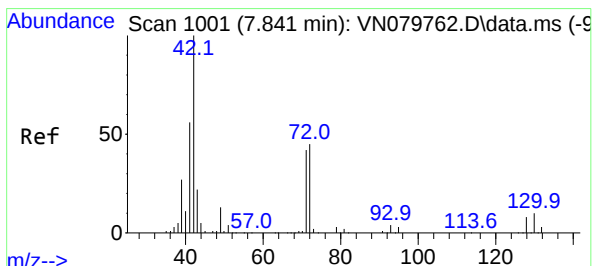
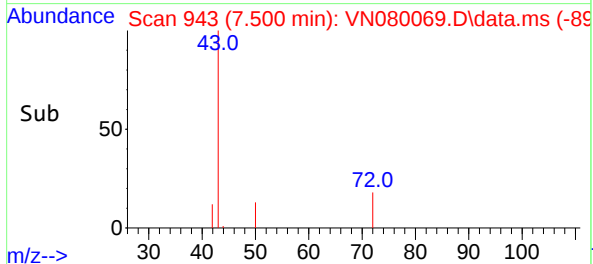
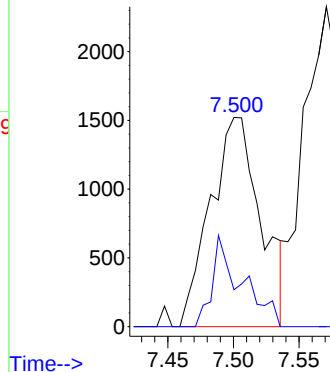
Ion Ratio Lower Upper

43 100

72 17.7 30.2 45.2#



Abundance



#29

Tetrahydrofuran

Concen: 0.377 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN080069.D

Acq: 13 Nov 2023 16:17

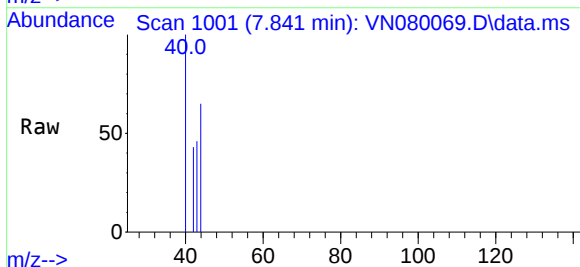
Tgt Ion: 42 Resp: 523

Ion Ratio Lower Upper

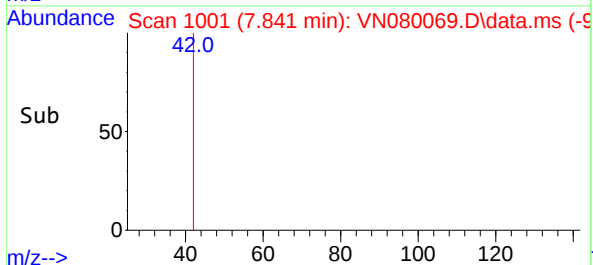
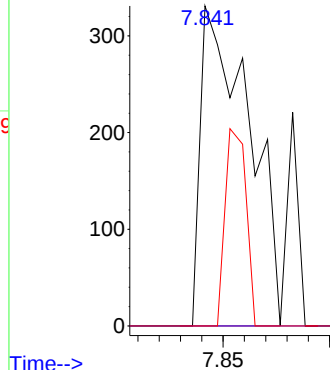
42 100

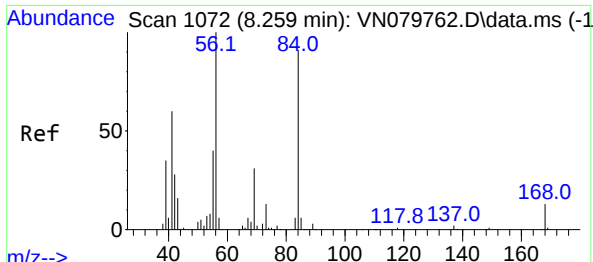
72 0.0 49.8 74.6#

71 26.4 47.4 71.2#



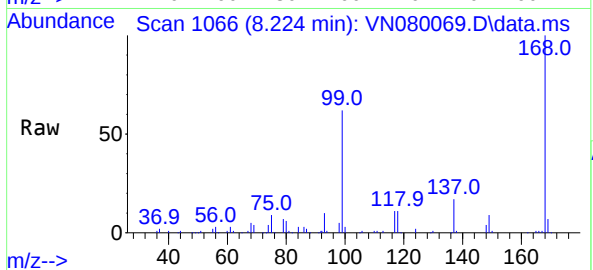
Abundance



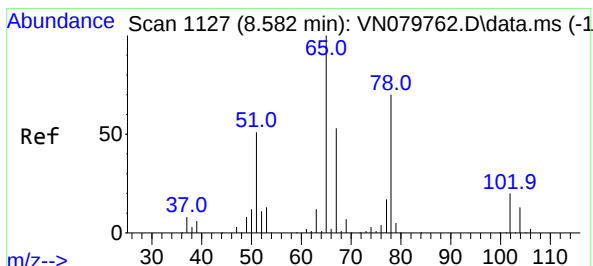
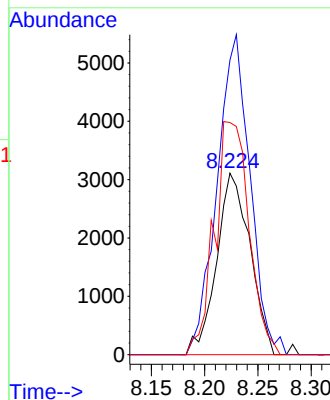
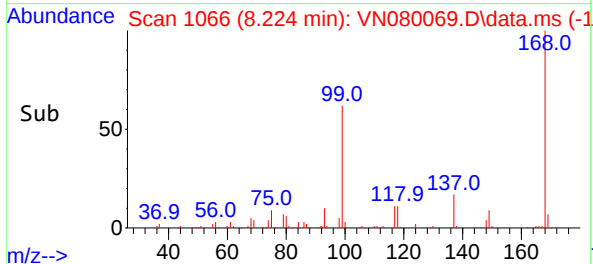


#31
Cyclohexane
Concen: 1.240 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

Instrument :
MSVOA_N
ClientSampleId :

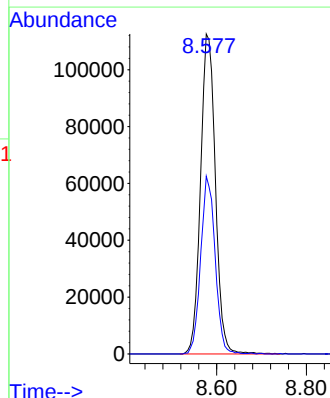
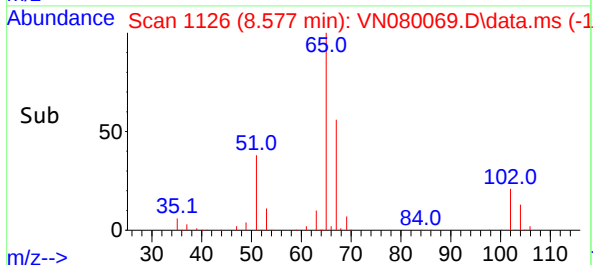
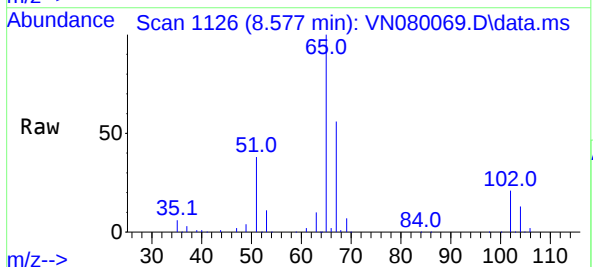


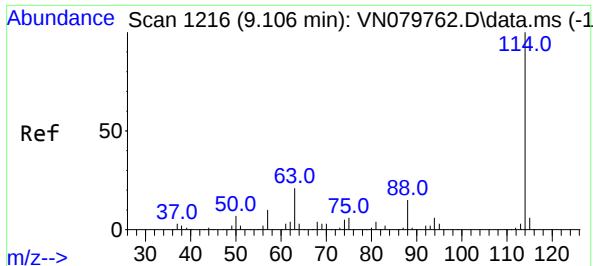
Tgt Ion: 56 Resp: 6797
Ion Ratio Lower Upper
56 100
69 162.3 26.8 40.2#
84 127.9 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 62.313 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

Tgt Ion: 65 Resp: 258527
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080069.D

Acq: 13 Nov 2023 16:17

Instrument :

MSVOA_N

ClientSampleId :

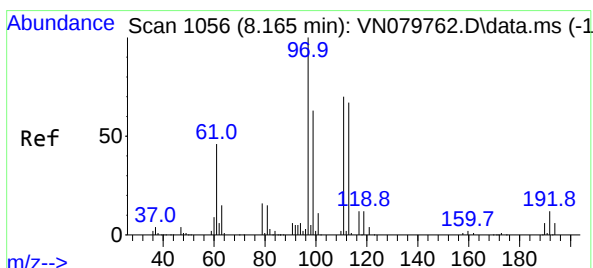
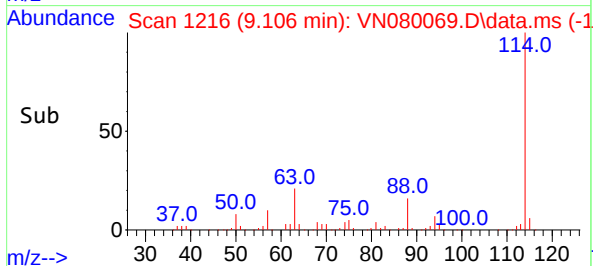
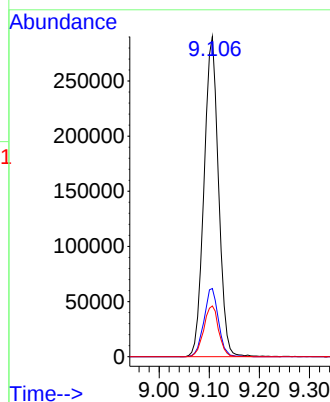
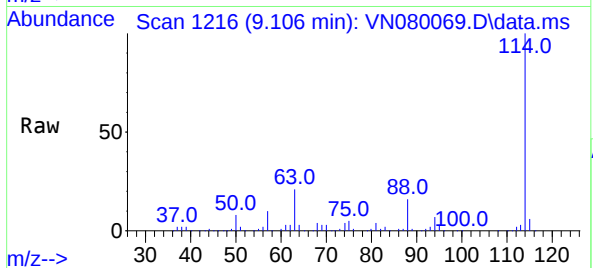
Tgt Ion:114 Resp: 583163

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.398 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080069.D

Acq: 13 Nov 2023 16:17

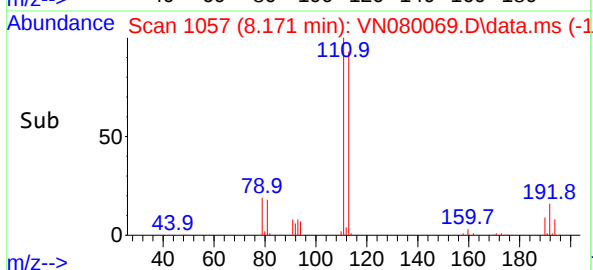
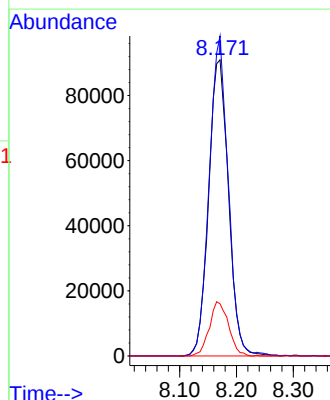
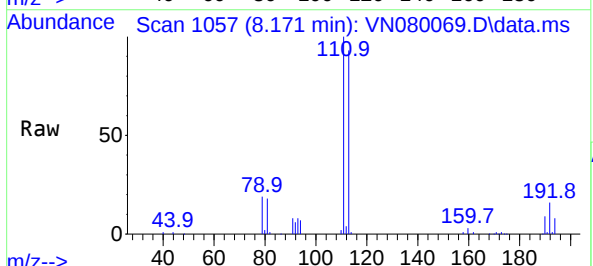
Tgt Ion:113 Resp: 220396

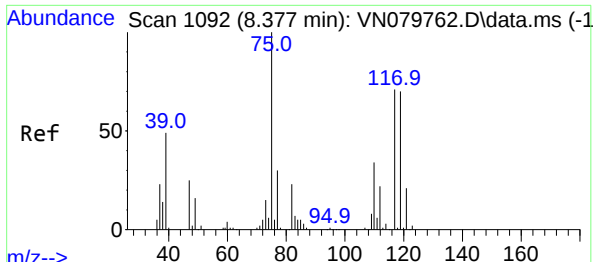
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

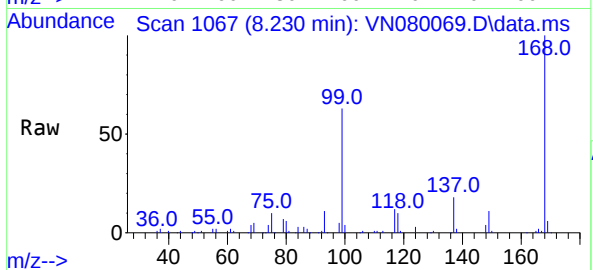
192 17.7 12.7 19.1



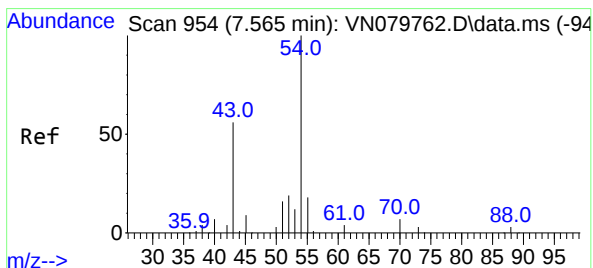
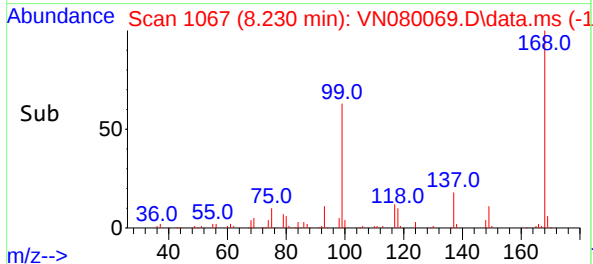
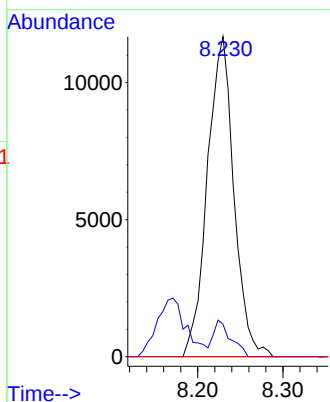


#36
1,1-Dichloropropene
Concen: 4.288 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

Instrument :
MSVOA_N
ClientSampleId :

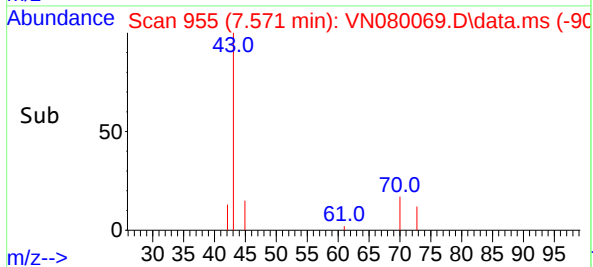
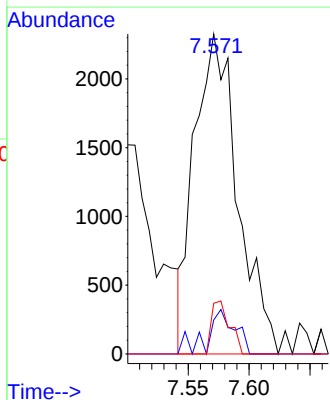
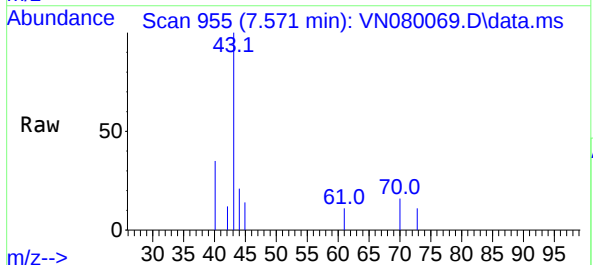


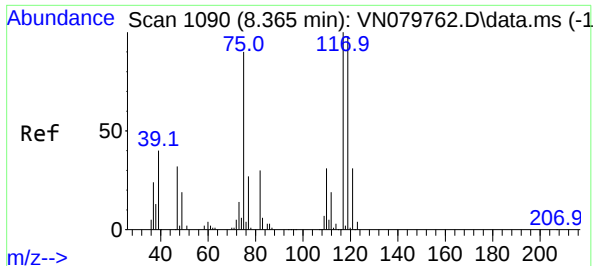
Tgt Ion: 75 Resp: 25268
Ion Ratio Lower Upper
75 100
110 7.5 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.065 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.006 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

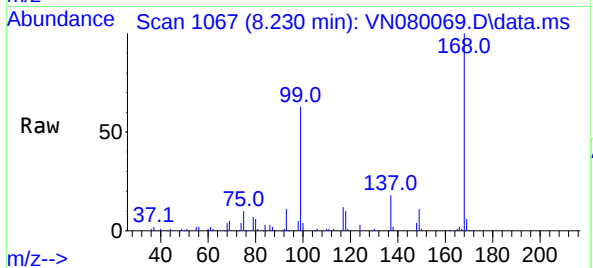
Tgt Ion: 43 Resp: 5757
Ion Ratio Lower Upper
43 100
61 7.9 13.2 19.8#
70 7.0 11.3 16.9#



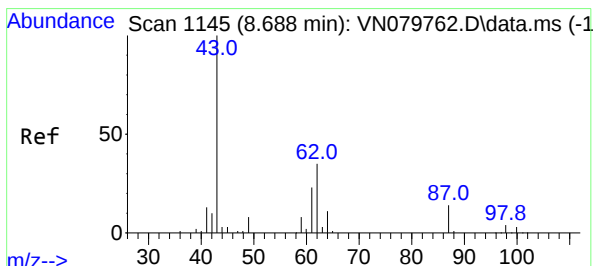
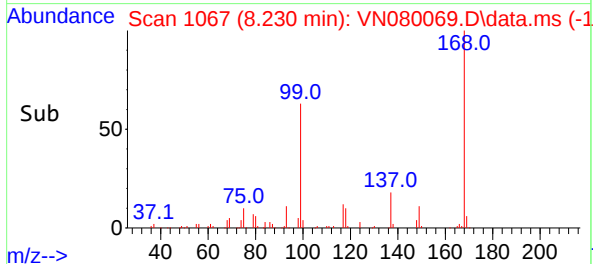
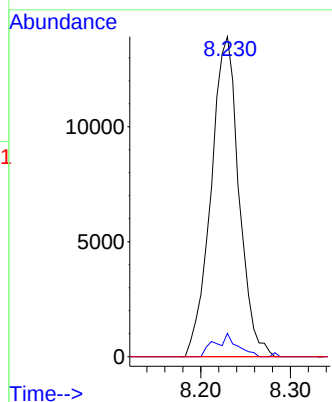


#38
Carbon Tetrachloride
Concen: 5.071 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

Instrument :
MSVOA_N
ClientSampleId :

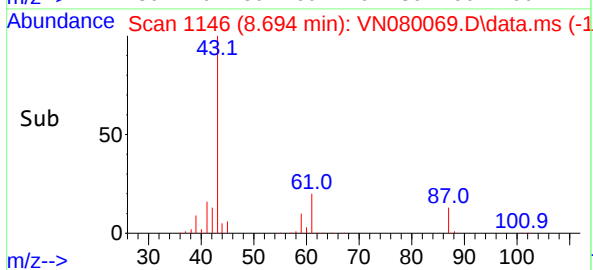
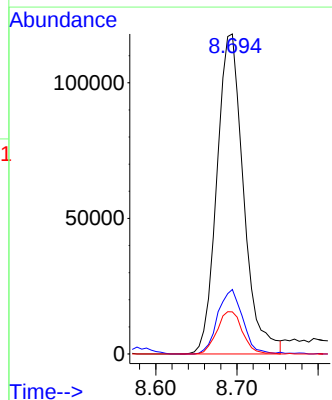
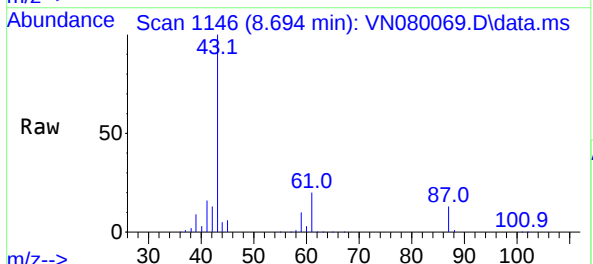


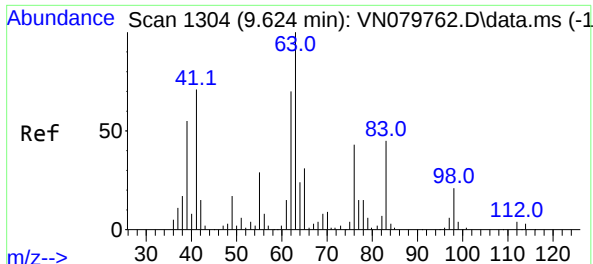
Tgt Ion:117 Resp: 30121
Ion Ratio Lower Upper
117 100
119 7.3 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 28.414 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

Tgt Ion: 43 Resp: 269314
Ion Ratio Lower Upper
43 100
61 18.8 24.7 37.1#
87 12.6 14.6 21.8#

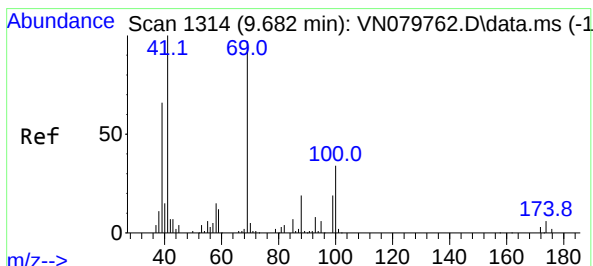
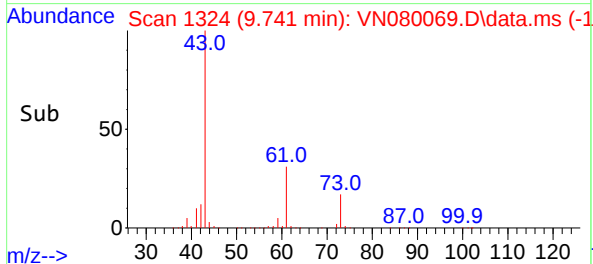
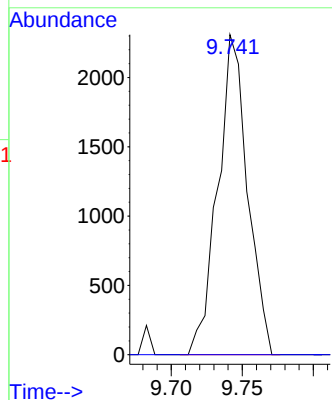
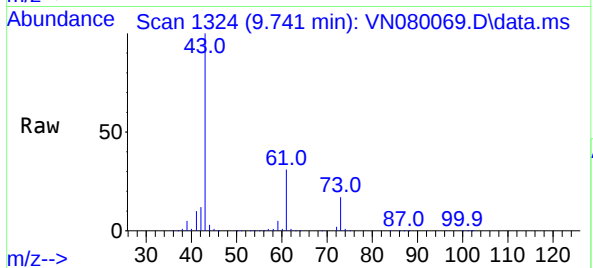




#45
1,2-Dichloropropane
Concen: 0.746 ug/l
RT: 9.741 min Scan# 1311
Delta R.T. 0.118 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

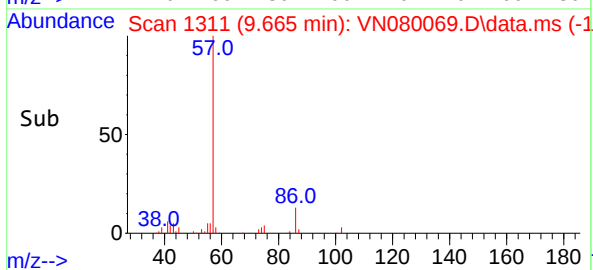
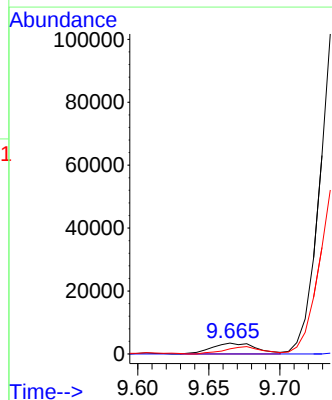
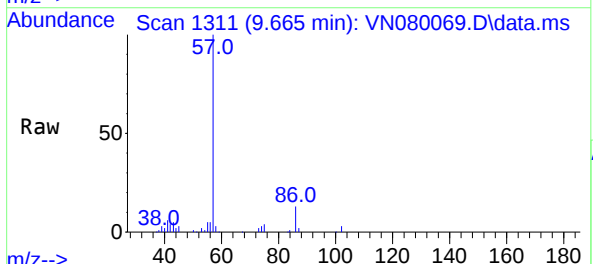
Instrument :
MSVOA_N
ClientSampleId :

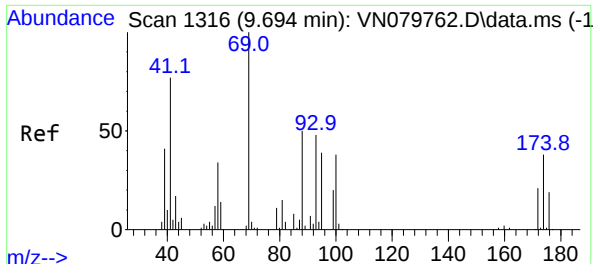
Tgt Ion: 63 Resp: 3365
Ion Ratio Lower Upper
63 100
65 0.0 23.9 35.9#



#48
Methyl methacrylate
Concen: 1.804 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.017 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

Tgt Ion: 41 Resp: 7489
Ion Ratio Lower Upper
41 100
69 0.0 90.4 135.6#
39 56.0 54.6 81.8

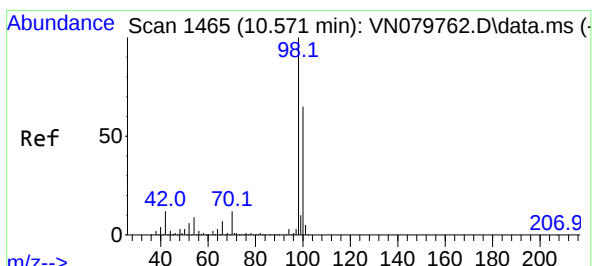
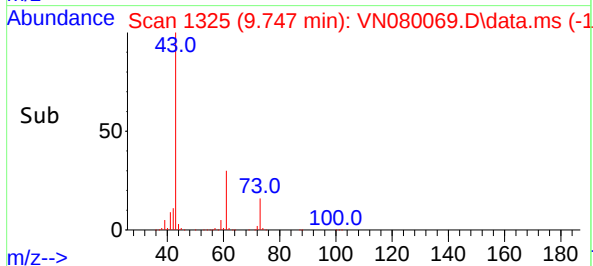
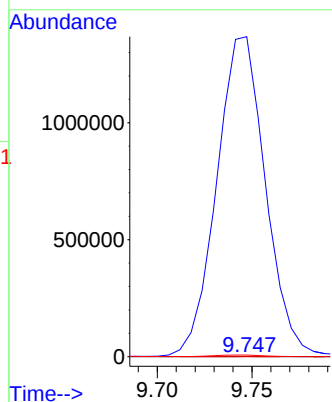
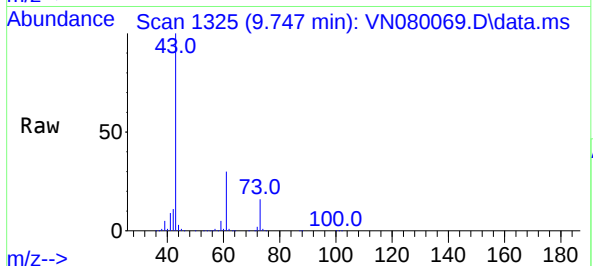




#49
1,4-Dioxane
Concen: 7.974 ug/l
RT: 9.747 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

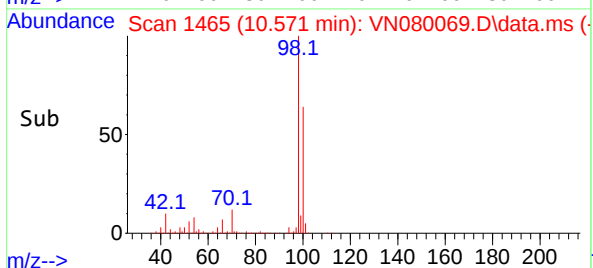
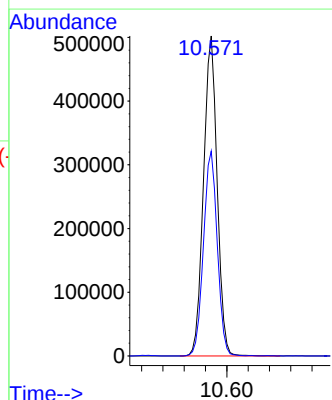
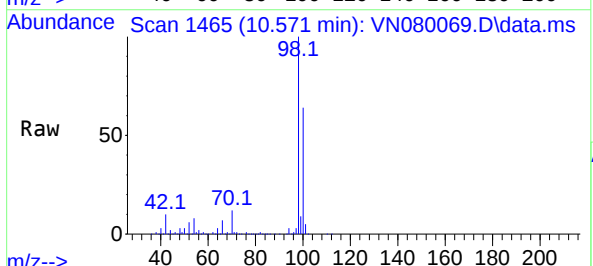
Instrument :
MSVOA_N
ClientSampleId :

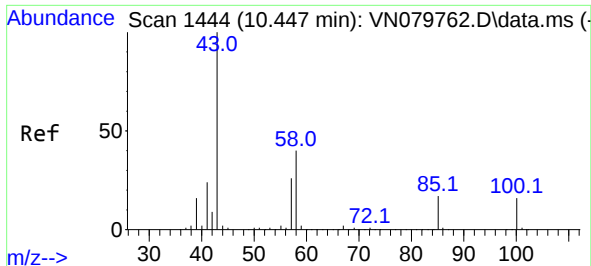
Tgt Ion: 88 Resp: 585
Ion Ratio Lower Upper
88 100
43 421057.3 17.0 25.6#
58 2376.4 47.0 70.4#



#50
Toluene-d8
Concen: 58.727 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

Tgt Ion: 98 Resp: 892327
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

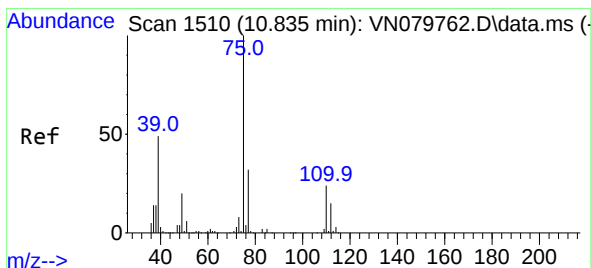
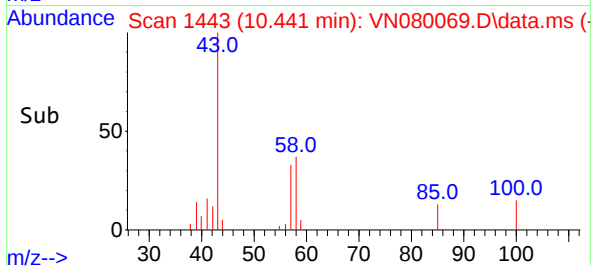
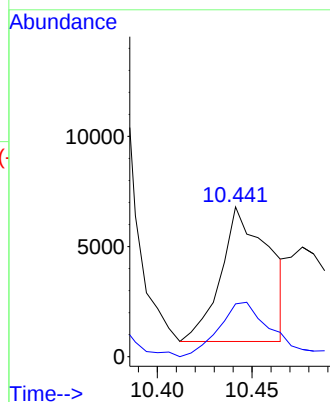
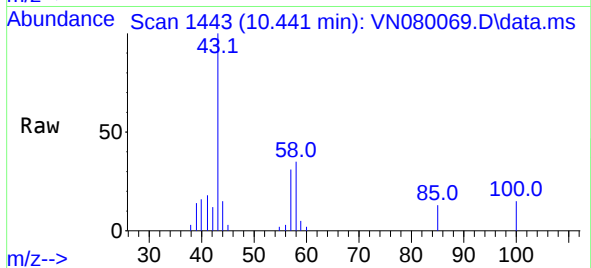




#51
4-Methyl-2-Pentanone
Concen: 2.023 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

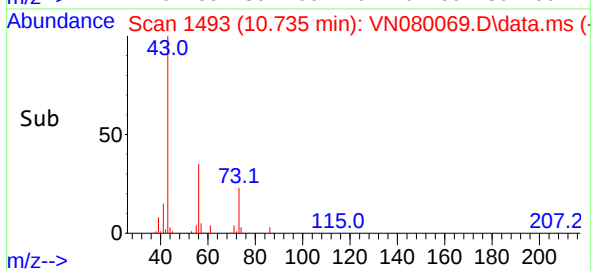
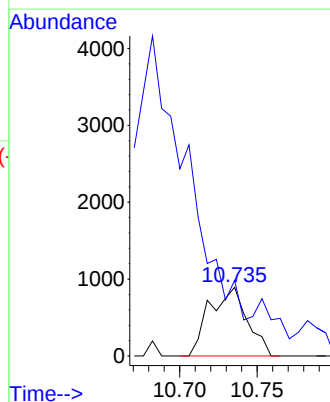
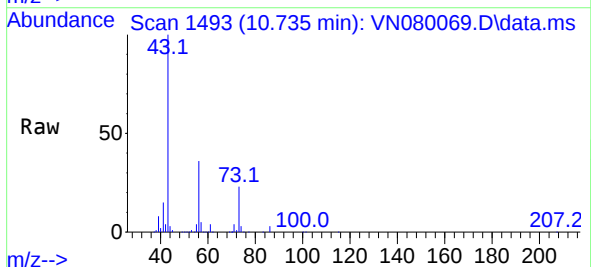
Instrument :
MSVOA_N
ClientSampleId :

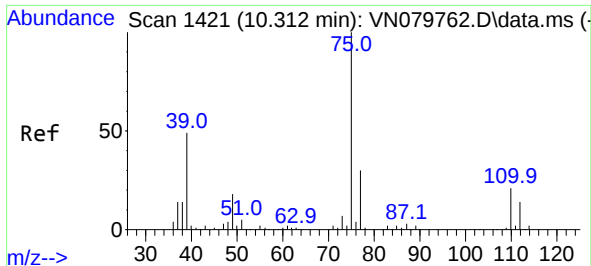
Tgt Ion: 43 Resp: 10796
Ion Ratio Lower Upper
43 100
58 45.2 36.6 54.8



#53
t-1,3-Dichloropropene
Concen: 0.235 ug/l
RT: 10.735 min Scan# 1493
Delta R.T. -0.106 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

Tgt Ion: 75 Resp: 1512
Ion Ratio Lower Upper
75 100
77 55.3 25.4 38.0#

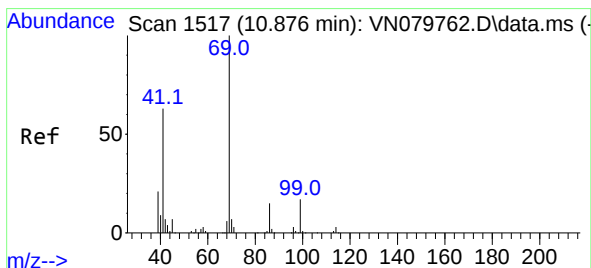
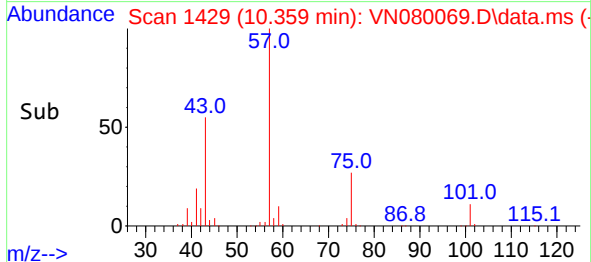
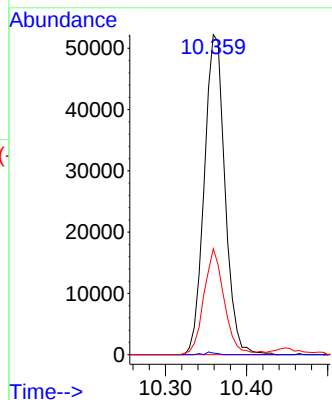
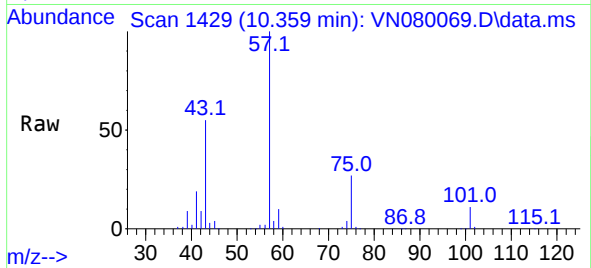




#54
 cis-1,3-Dichloropropene
 Concen: 13.179 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN080069.D
 Acq: 13 Nov 2023 16:17

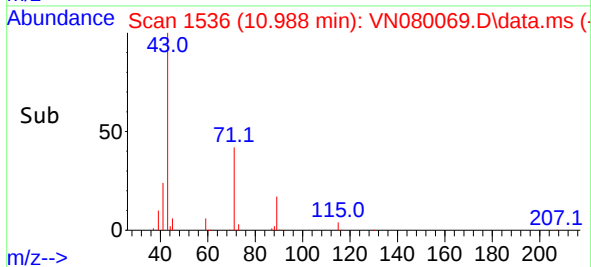
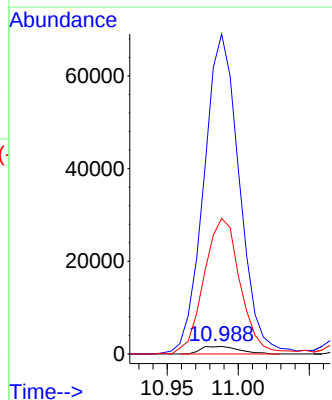
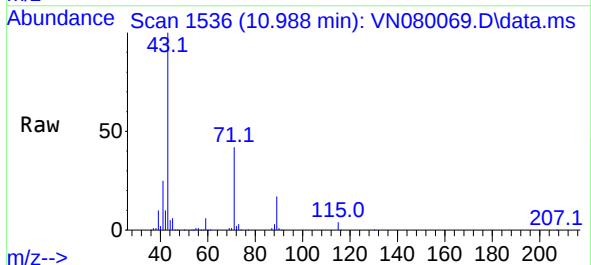
Instrument :
 MSVOA_N
 ClientSampleId :

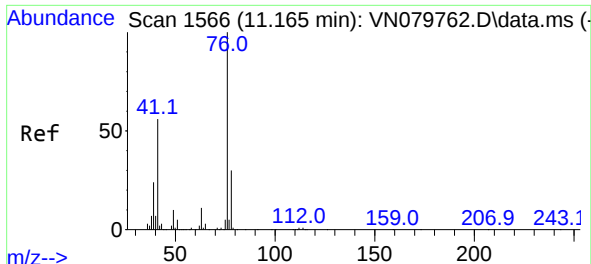
Tgt Ion: 75 Resp: 92506
 Ion Ratio Lower Upper
 75 100
 77 0.5 26.1 39.1#
 39 33.1 31.6 47.4



#56
 Ethyl methacrylate
 Concen: 0.504 ug/l
 RT: 10.988 min Scan# 1536
 Delta R.T. 0.112 min
 Lab File: VN080069.D
 Acq: 13 Nov 2023 16:17

Tgt Ion: 69 Resp: 3027
 Ion Ratio Lower Upper
 69 100
 41 3975.7 39.6 59.4#
 39 1721.3 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 1.373 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.041 min

Lab File: VN080069.D

Acq: 13 Nov 2023 16:17

Instrument :

MSVOA_N

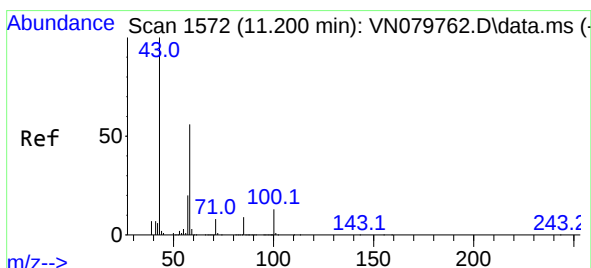
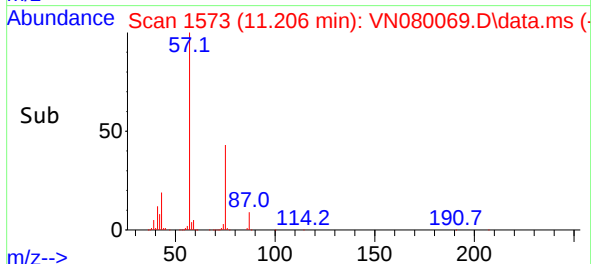
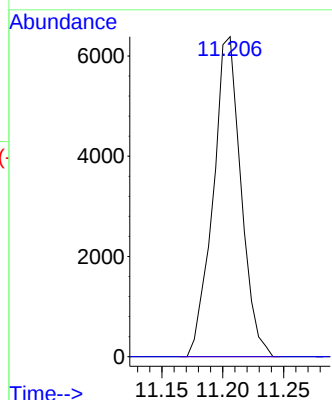
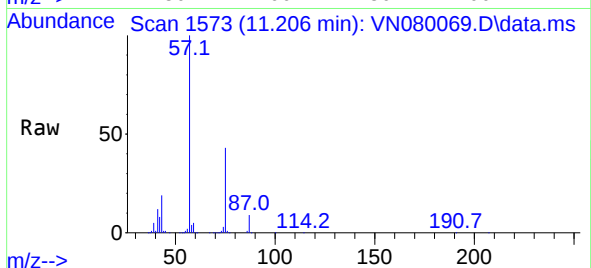
ClientSampleId :

Tgt Ion: 76 Resp: 10188

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 46.653 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.029 min

Lab File: VN080069.D

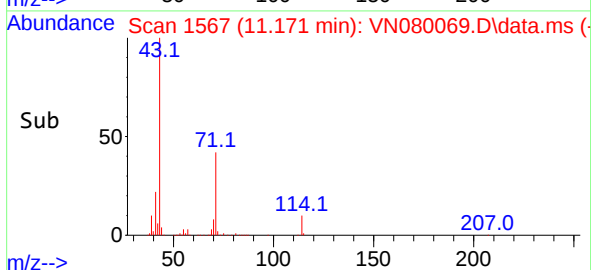
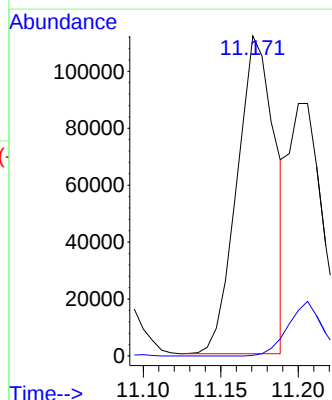
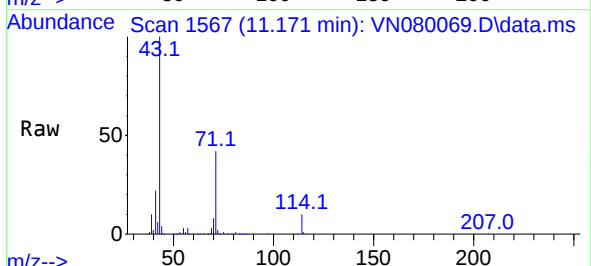
Acq: 13 Nov 2023 16:17

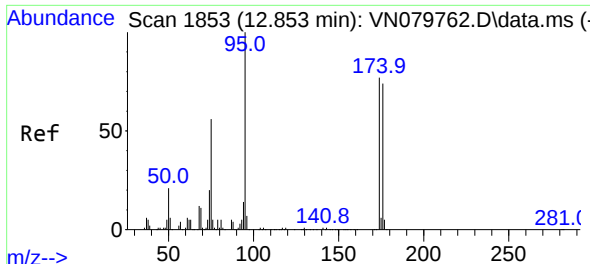
Tgt Ion: 43 Resp: 190448

Ion Ratio Lower Upper

43 100

58 0.0 31.7 95.1#

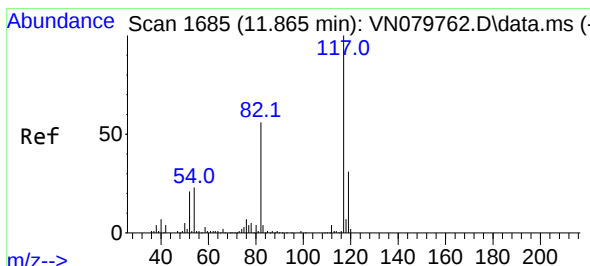
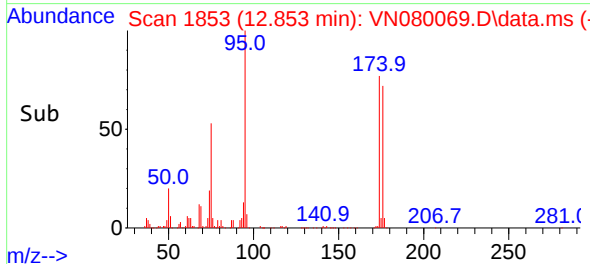
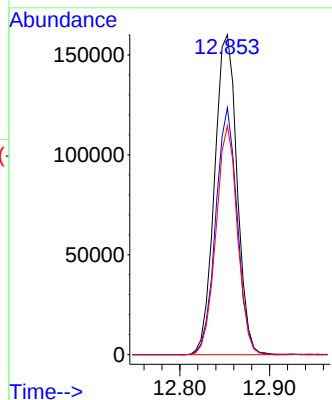
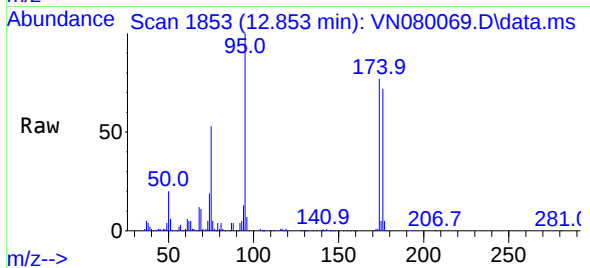




#62
4-Bromofluorobenzene
Concen: 55.244 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

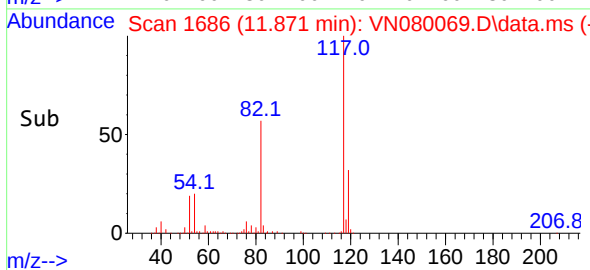
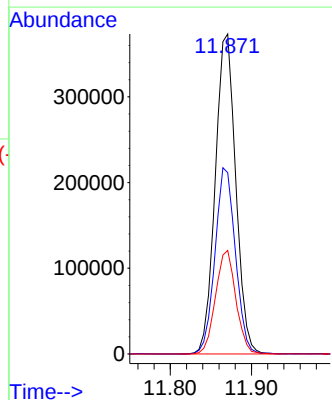
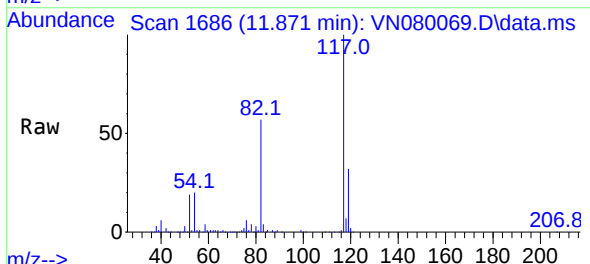
Instrument :
MSVOA_N
ClientSampleId :

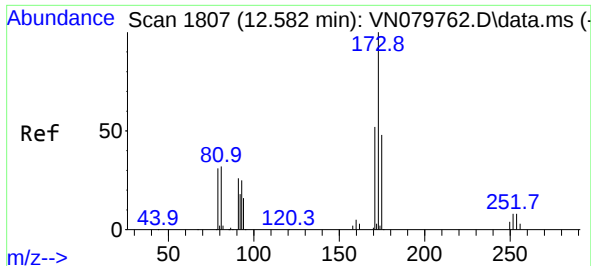
Tgt Ion: 95 Resp: 278386
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 68.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

Tgt Ion: 117 Resp: 655706
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 32.4 25.6 38.4

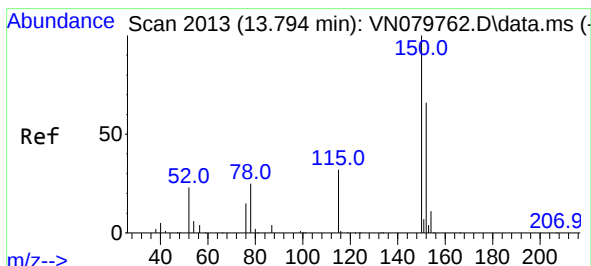
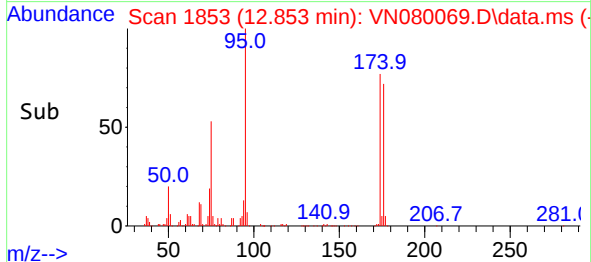
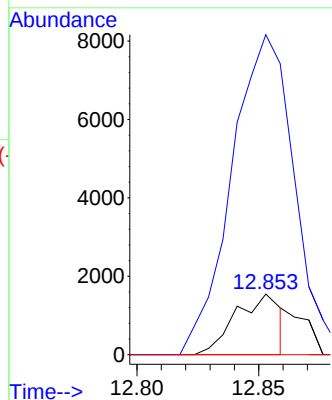
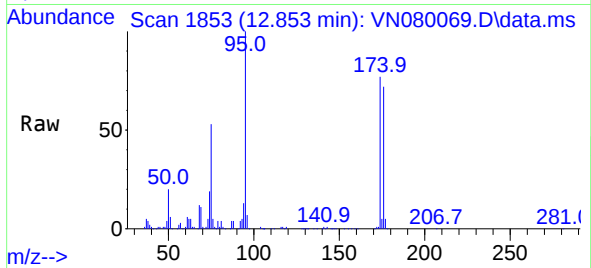




#71
Bromoform
Concen: 0.553 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

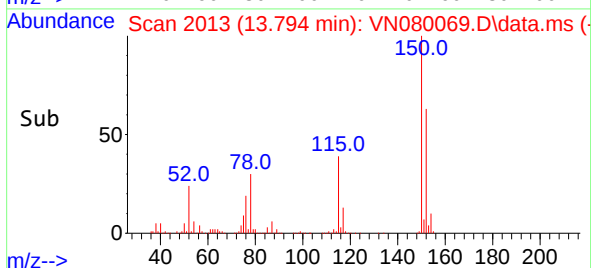
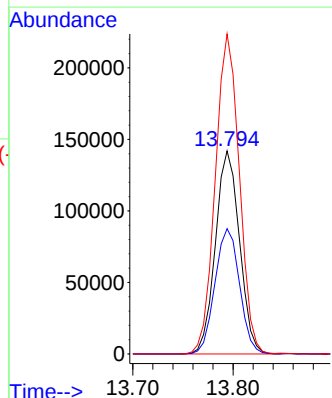
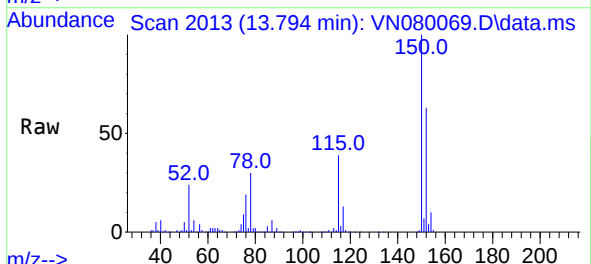
Instrument :
MSVOA_N
ClientSampleId :

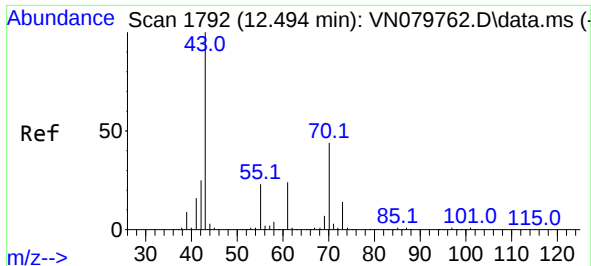
Tgt Ion:173 Resp: 2014
Ion Ratio Lower Upper
173 100
175 591.8 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

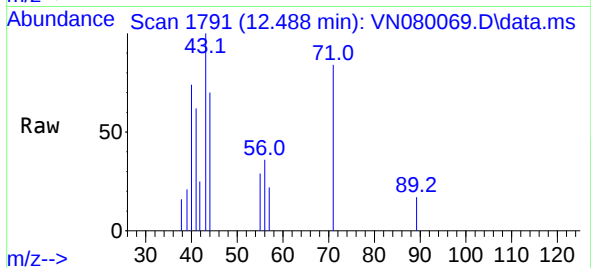
Tgt Ion:152 Resp: 236836
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 157.3 0.0 355.8



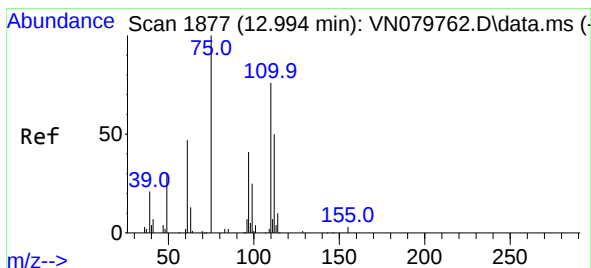
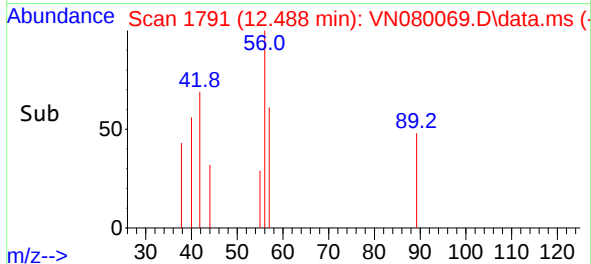
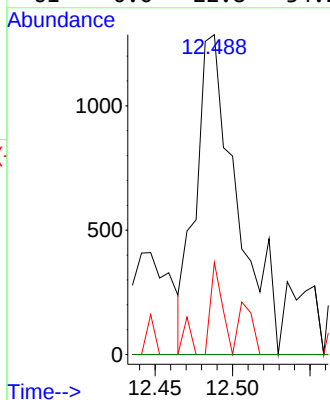


#74
N-amy1 acetate
Concen: 0.303 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

Instrument :
MSVOA_N
ClientSampleId :

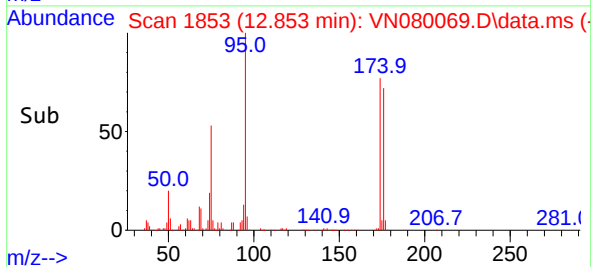
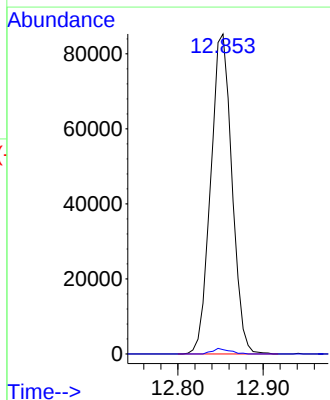
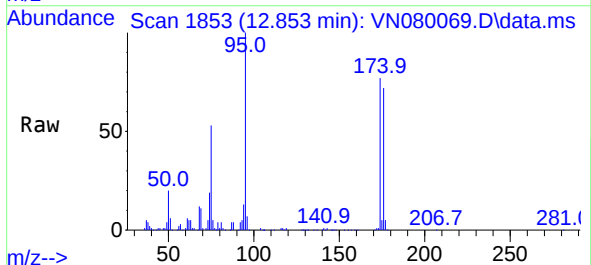


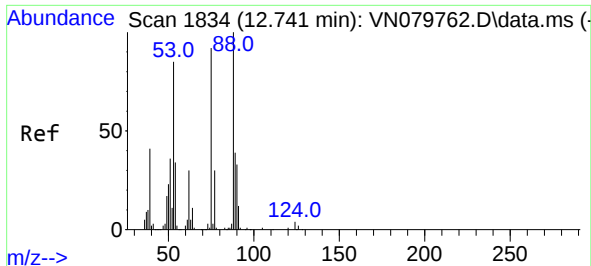
Tgt Ion: 43 Resp: 2376
Ion Ratio Lower Upper
43 100
70 0.0 43.4 65.2#
55 10.4 21.4 32.0#
61 0.0 22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 26.563 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

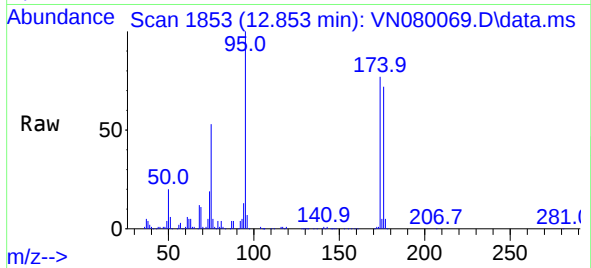
Tgt Ion: 75 Resp: 147695
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.271 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN080069.D
Acq: 13 Nov 2023 16:17

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 147695
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 38.8 58.2#

