

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062623\
 Data File : VN078407.D
 Acq On : 26 Jun 2023 17:13
 Operator : JC\MD
 Sample : 03417-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1621

Quant Time: Jun 27 02:18:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

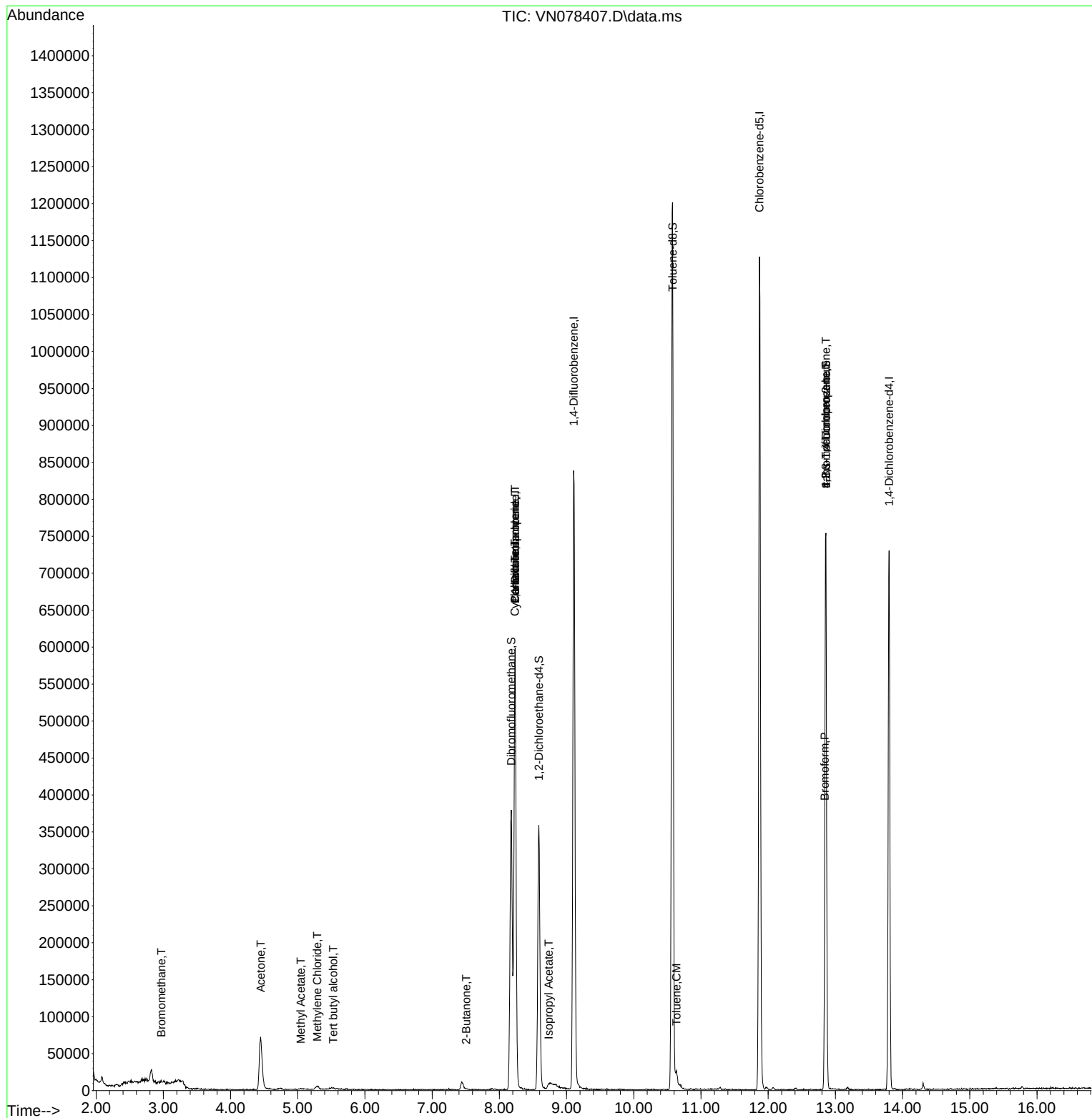
Internal Standards						
1) Pentafluorobenzene	8.235	168	413860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	766920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	675993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	195213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	289516	52.467	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.940%		
35) Dibromofluoromethane	8.177	113	278014	57.333	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 114.660%		
50) Toluene-d8	10.576	98	882117	47.187	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 94.380%		
62) 4-Bromofluorobenzene	12.859	95	275347	47.380	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.760%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1025	Below Cal	#	42
5) Bromomethane	2.971	94	1509	0.326	ug/l #	66
11) Tert butyl alcohol	5.530	59	478	0.627	ug/l #	72
16) Acetone	4.447	43	133503	84.055	ug/l	94
18) Methyl Acetate	5.047	43	2307	0.315	ug/l #	62
20) Methylene Chloride	5.289	84	2495	0.475	ug/l #	70
25) 2-Butanone	7.506	43	1781	0.729	ug/l #	37
31) Cyclohexane	8.230	56	9490	1.341	ug/l #	22
36) 1,1-Dichloropropene	8.235	75	36148	5.197	ug/l #	49
38) Carbon Tetrachloride	8.235	117	47261	6.435	ug/l #	15
43) Isopropyl Acetate	8.735	43	6175	0.594	ug/l #	53
52) Toluene	10.635	92	8584	0.655	ug/l	98
71) Bromoform	12.841	173	932	0.271	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	13.023	83	56	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.859	75	141185	30.593	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	141185	93.992	ug/l #	15

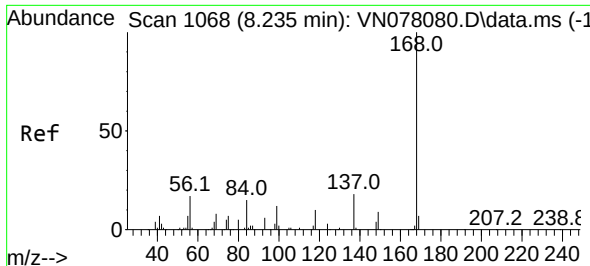
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062623\
Data File : VN078407.D
Acq On : 26 Jun 2023 17:13
Operator : JC\MD
Sample : 03417-02 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1621

Quant Time: Jun 27 02:18:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

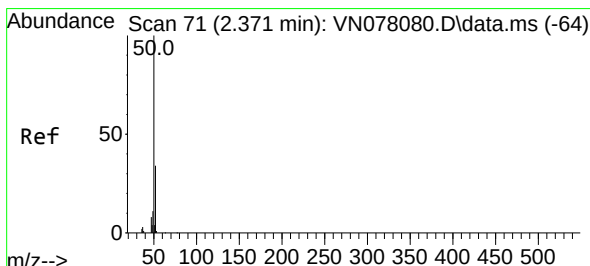
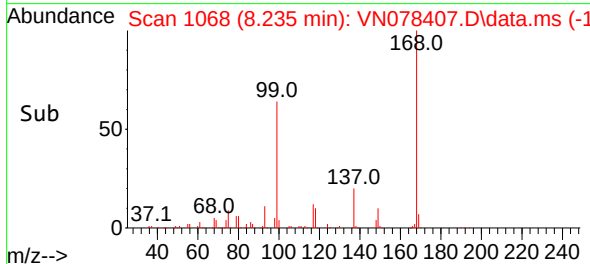
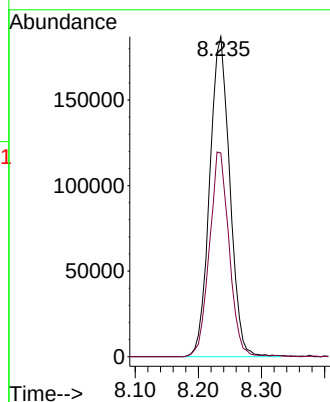
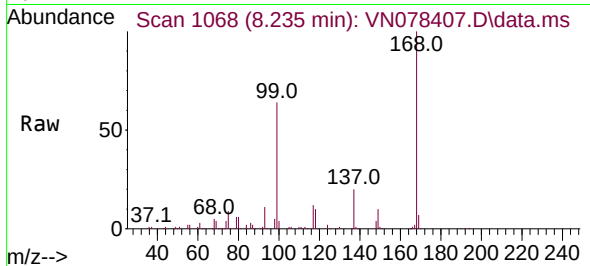




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

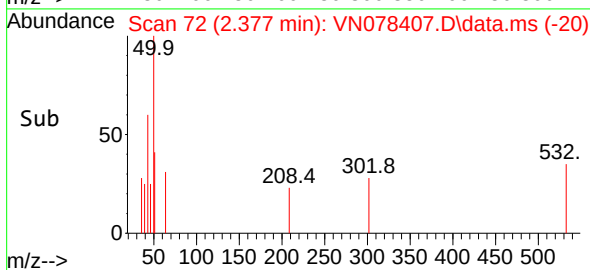
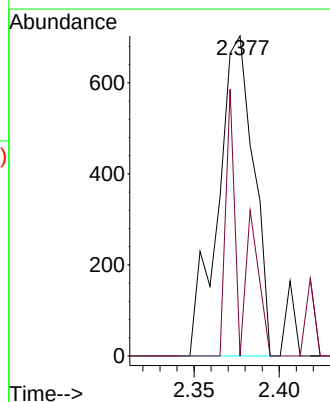
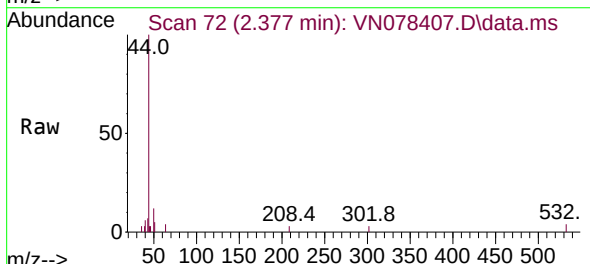
Instrument :
MSVOA_N
ClientSampleId :
1621

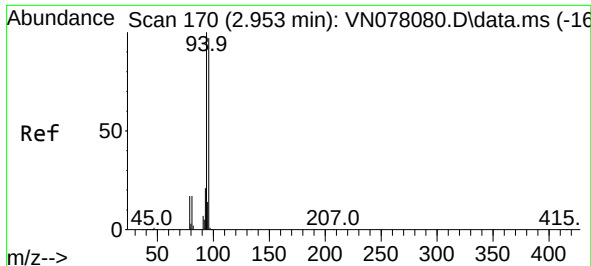
Tgt Ion:168 Resp: 413860
Ion Ratio Lower Upper
168 100
99 63.7 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

Tgt Ion: 50 Resp: 1025
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

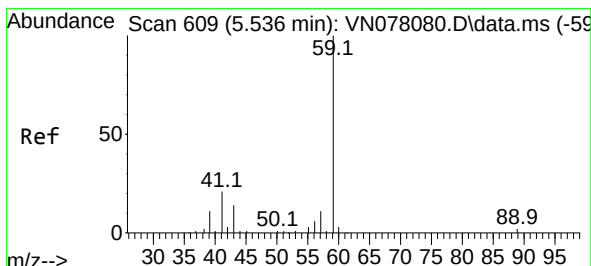
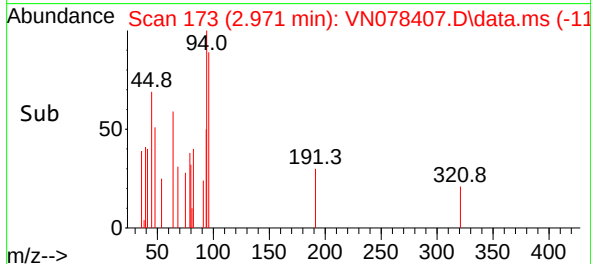
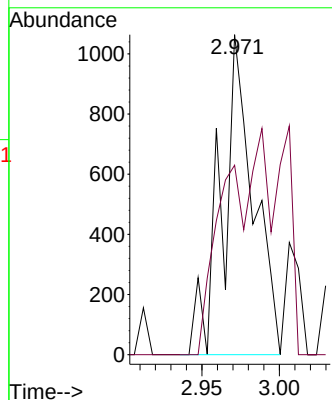
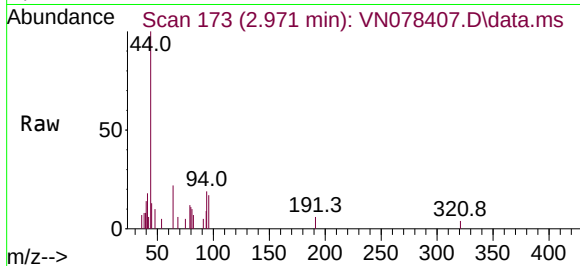




#5
Bromomethane
Concen: 0.326 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

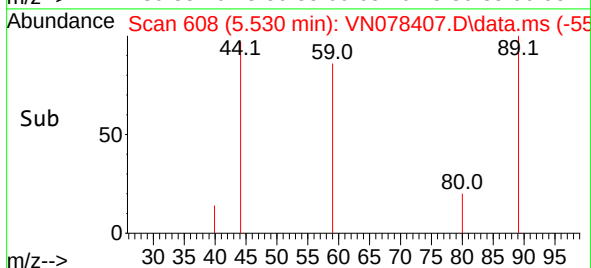
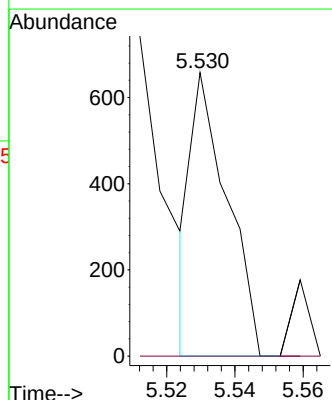
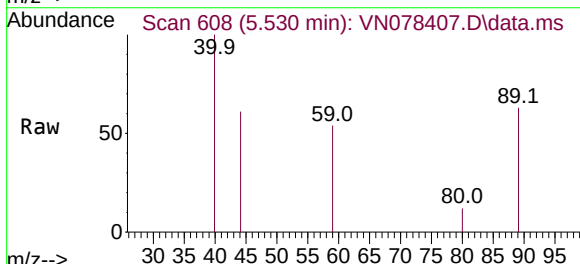
Instrument :
MSVOA_N
ClientSampleId :
1621

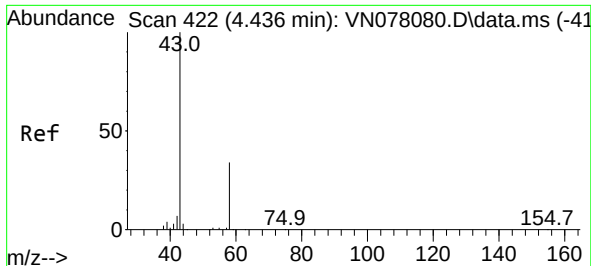
Tgt Ion: 94 Resp: 1509
Ion Ratio Lower Upper
94 100
96 59.2 73.1 109.7#



#11
Tert butyl alcohol
Concen: 0.627 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

Tgt Ion: 59 Resp: 478
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

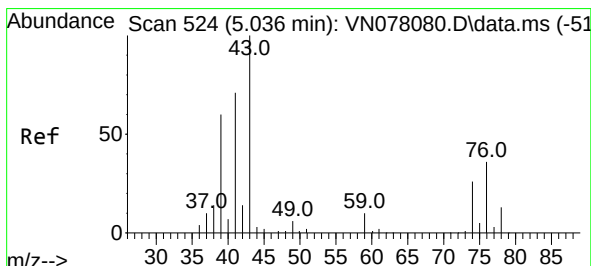
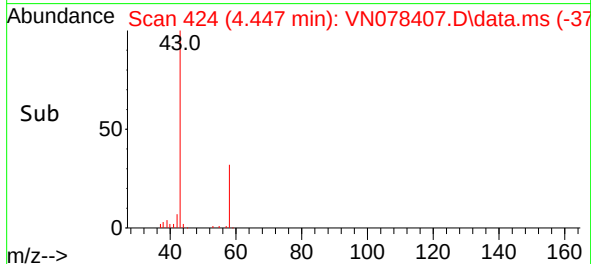
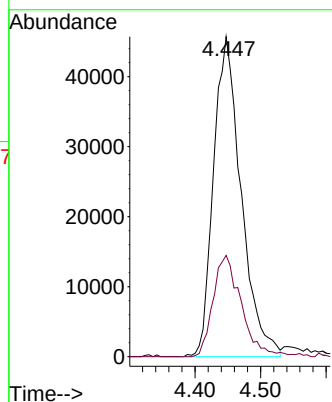
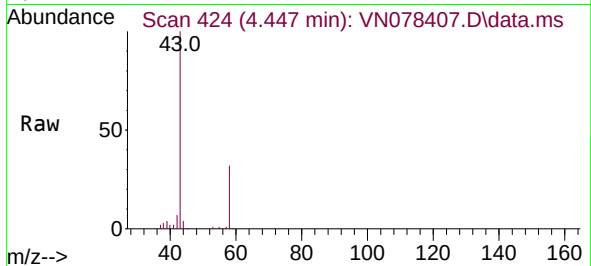




#16
Acetone
Concen: 84.055 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

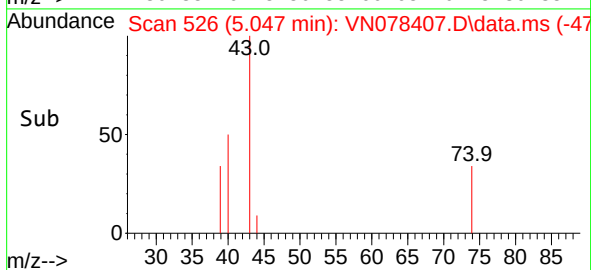
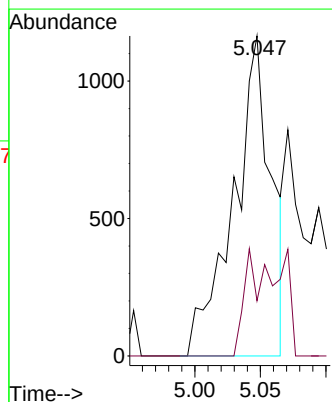
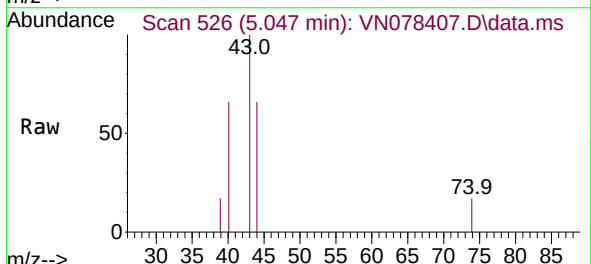
Instrument :
MSVOA_N
ClientSampleId :
1621

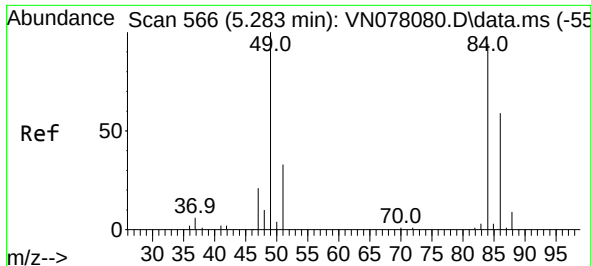
Tgt Ion: 43 Resp: 133503
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0



#18
Methyl Acetate
Concen: 0.315 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.012 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

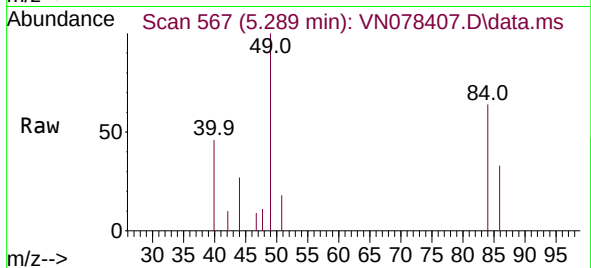
Tgt Ion: 43 Resp: 2307
Ion Ratio Lower Upper
43 100
74 11.5 26.2 39.4#



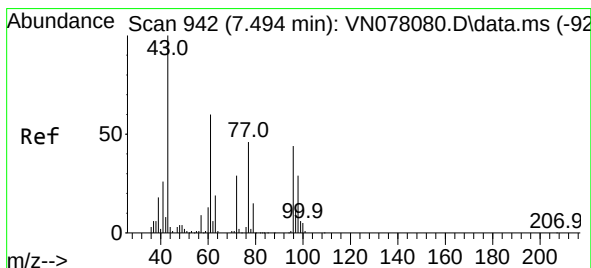
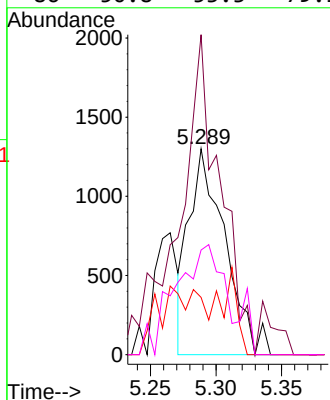
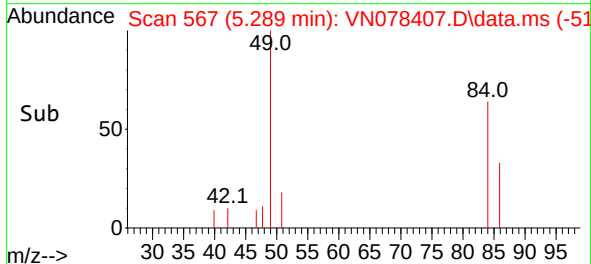


#20
Methylene Chloride
Concen: 0.475 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

Instrument :
MSVOA_N
ClientSampleId :
1621

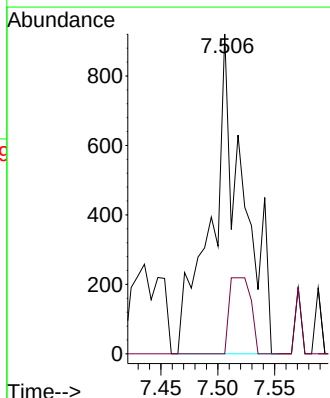
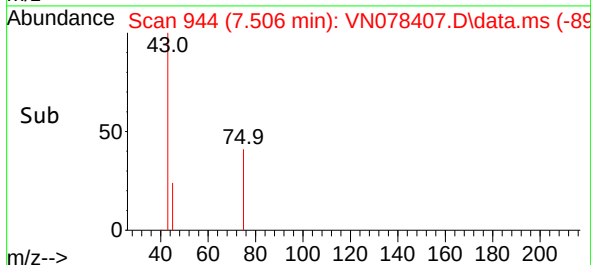
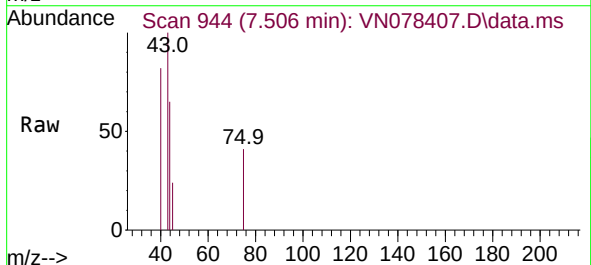


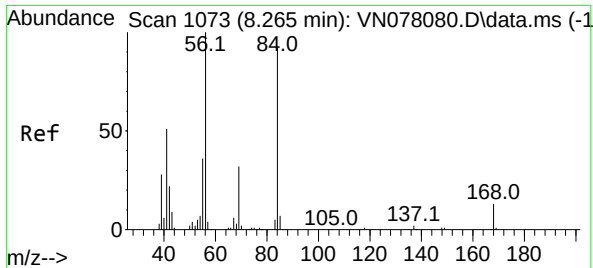
Tgt Ion:	84	Resp:	2495
Ion	Ratio	Lower	Upper
84	100		
49	143.5	79.7	119.5#
51	27.8	25.2	37.8
86	50.8	53.3	79.9#



#25
2-Butanone
Concen: 0.729 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.012 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

Tgt Ion:	43	Resp:	1781
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.2	45.2#

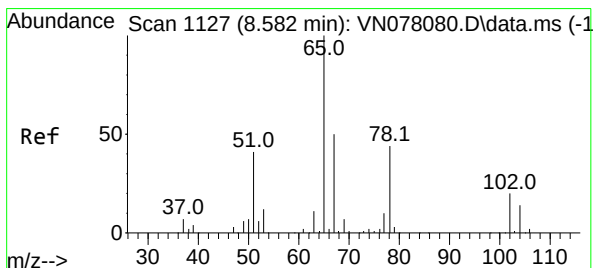
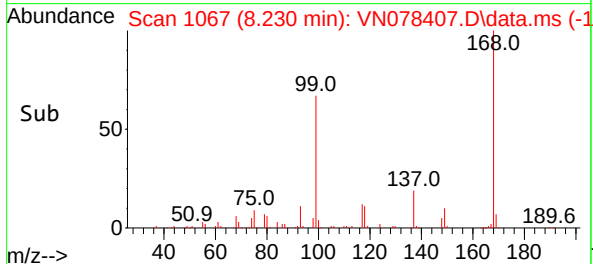
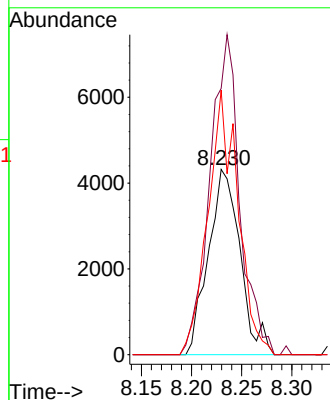
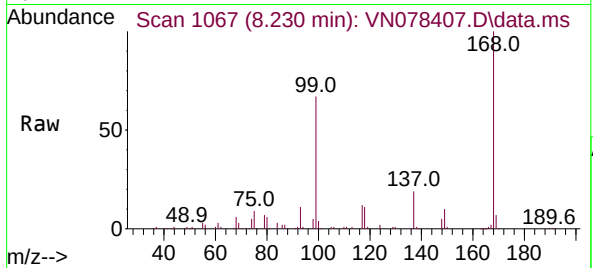




#31
Cyclohexane
Concen: 1.341 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

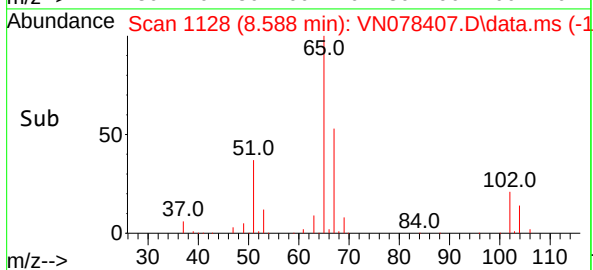
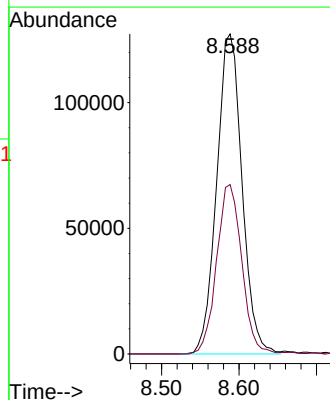
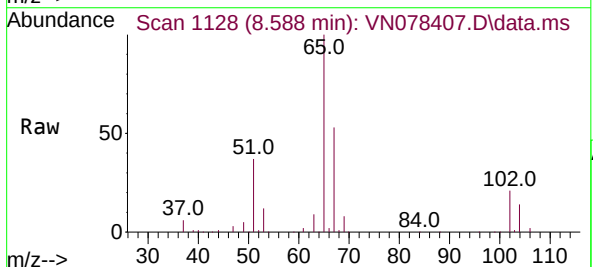
Instrument :
MSVOA_N
ClientSampleId :
1621

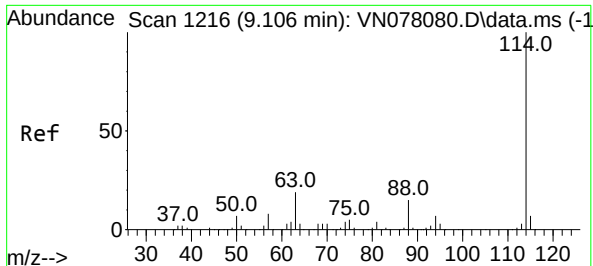
Tgt Ion: 56 Resp: 9490
Ion Ratio Lower Upper
56 100
69 143.7 26.8 40.2#
84 142.8 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 52.467 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

Tgt Ion: 65 Resp: 289516
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6

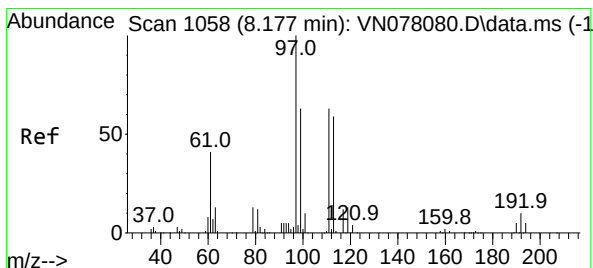
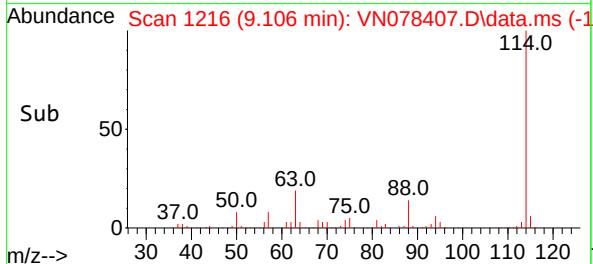
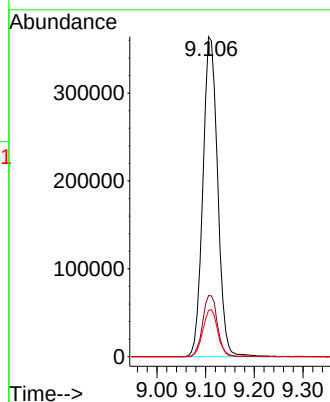
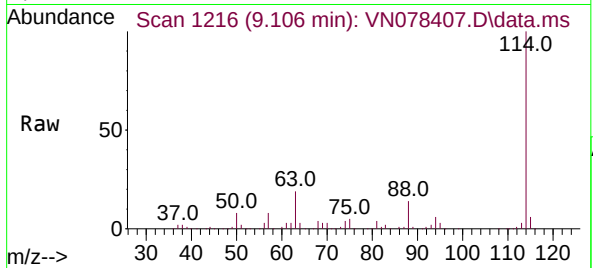




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

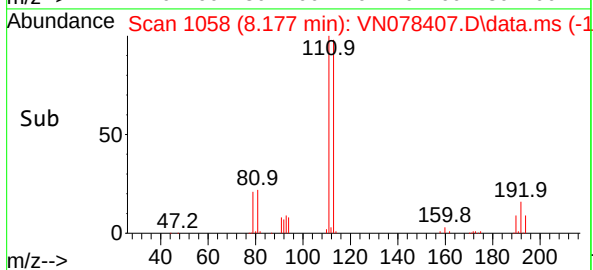
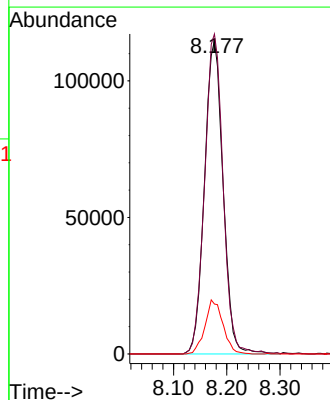
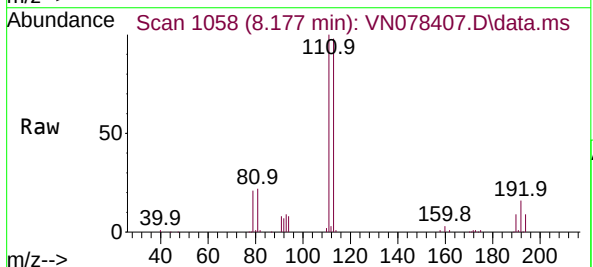
Instrument :
MSVOA_N
ClientSampleId :
1621

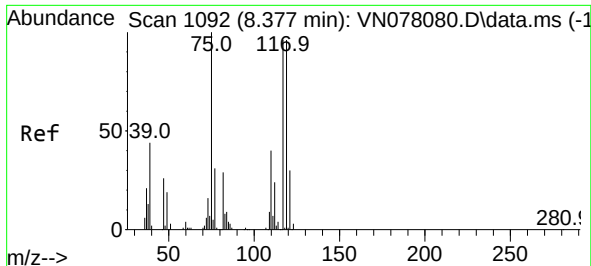
Tgt Ion:114 Resp: 766920
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.333 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

Tgt Ion:113 Resp: 278014
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 16.7 12.7 19.1

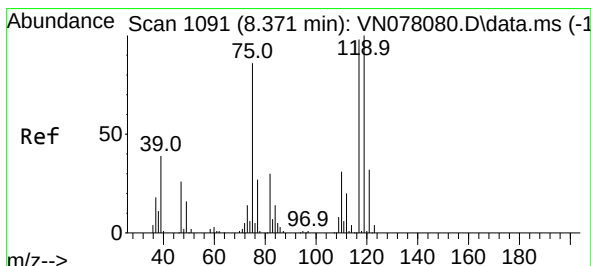
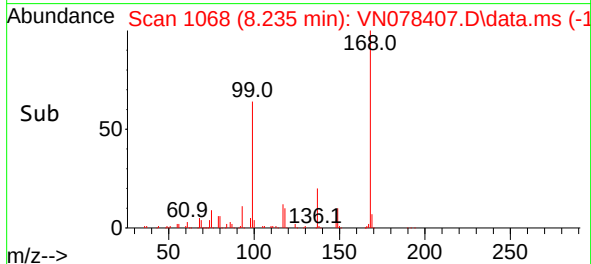
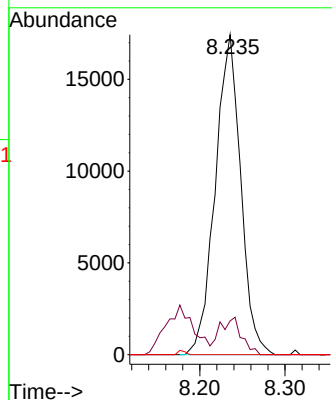
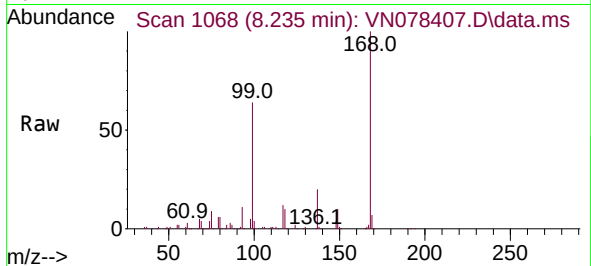




#36
1,1-Dichloropropene
Concen: 5.197 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

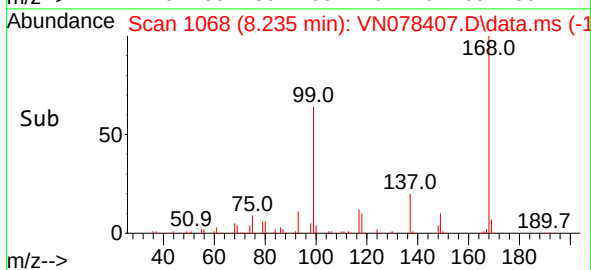
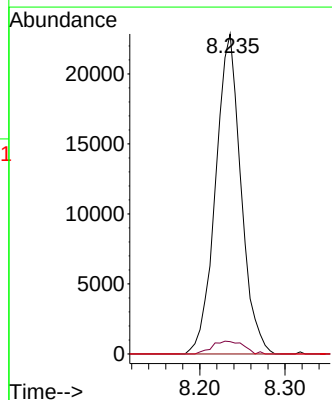
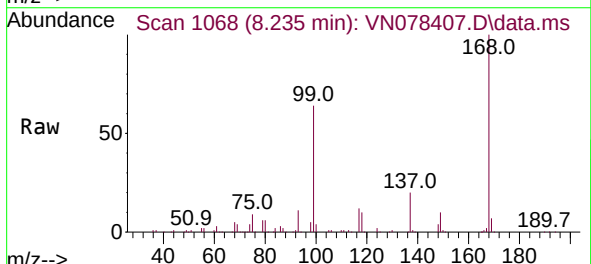
Instrument :
MSVOA_N
ClientSampleId :
1621

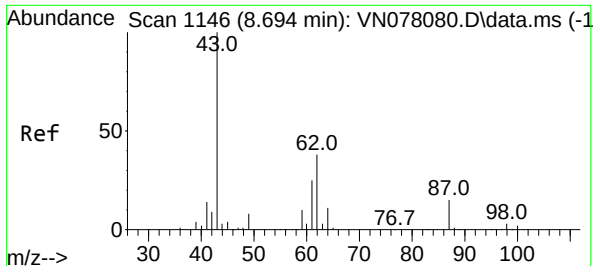
Tgt Ion: 75 Resp: 36148
Ion Ratio Lower Upper
75 100
110 10.0 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.435 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

Tgt Ion: 117 Resp: 47261
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 23.3 34.9#

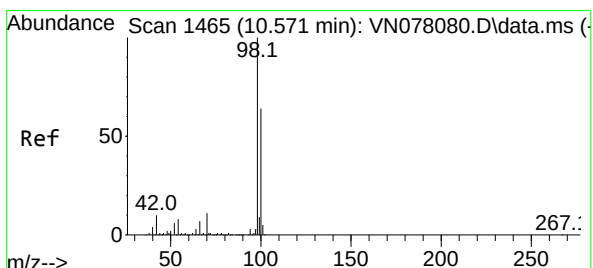
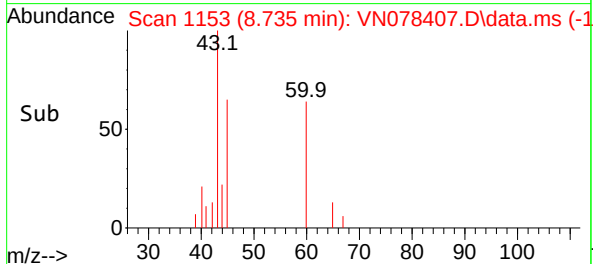
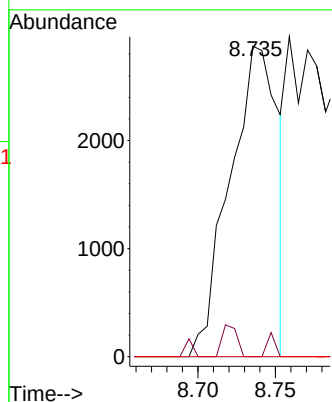
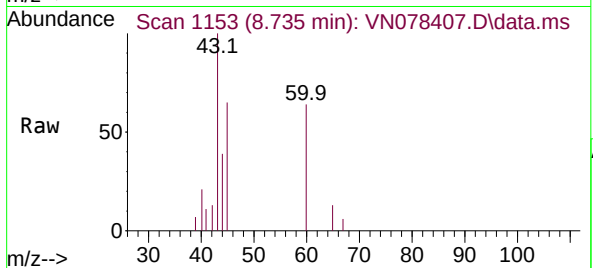




#43
Isopropyl Acetate
Concen: 0.594 ug/l
RT: 8.735 min Scan# 1146
Delta R.T. 0.041 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

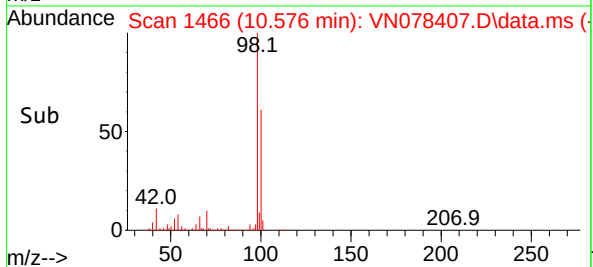
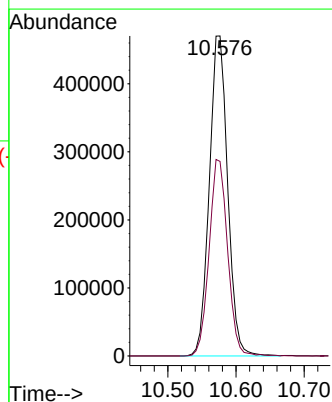
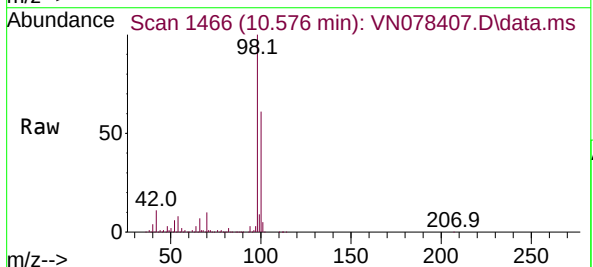
Instrument :
MSVOA_N
ClientSampleId :
1621

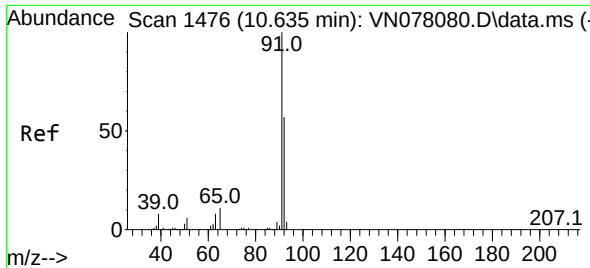
Tgt Ion: 43 Resp: 6175
Ion Ratio Lower Upper
43 100
61 3.2 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 47.187 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

Tgt Ion: 98 Resp: 882117
Ion Ratio Lower Upper
98 100
100 61.9 52.0 78.0

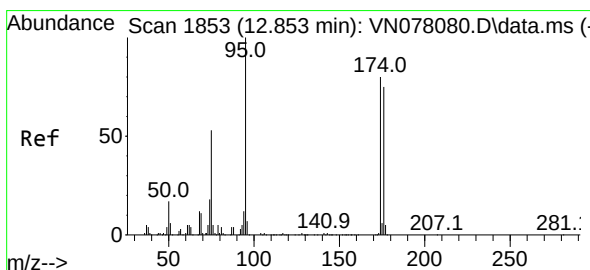
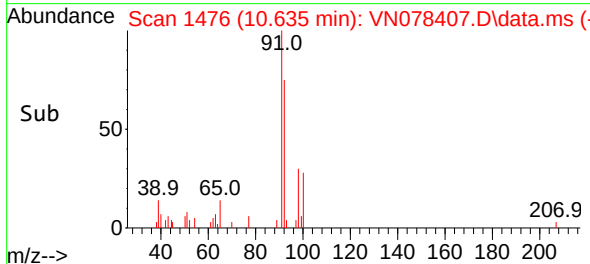
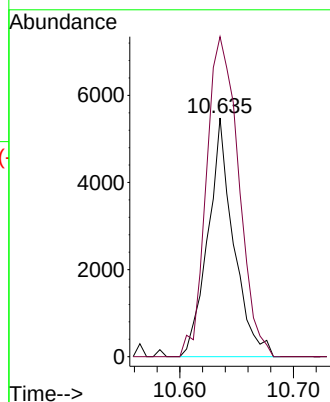
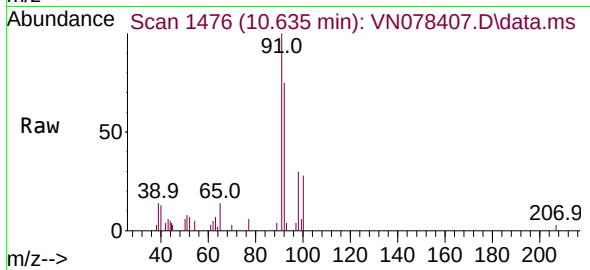




#52
Toluene
Concen: 0.655 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

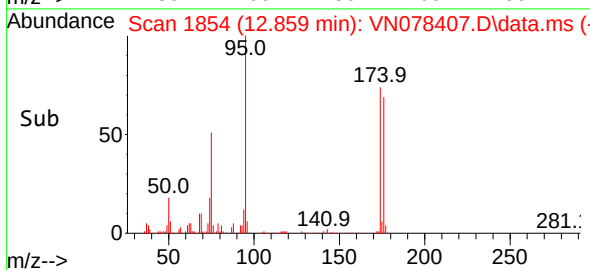
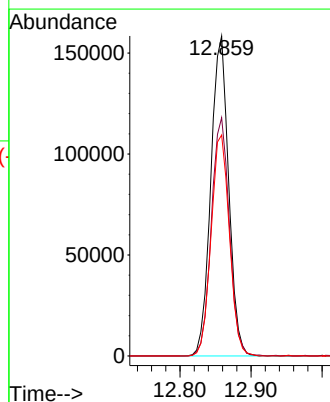
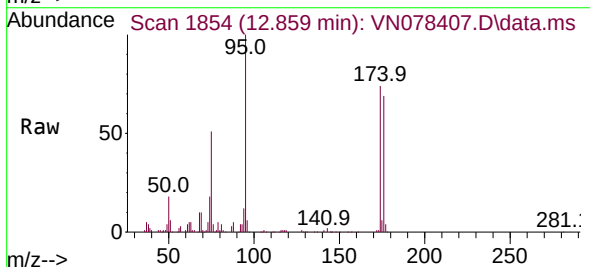
Instrument :
MSVOA_N
ClientSampleId :
1621

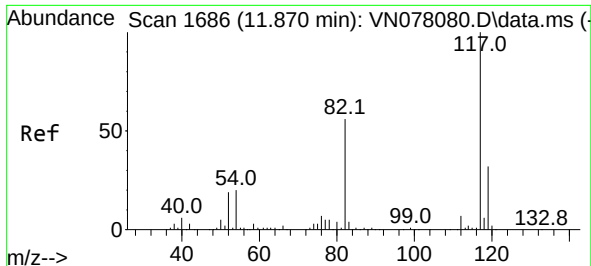
Tgt Ion: 92 Resp: 8584
Ion Ratio Lower Upper
92 100
91 168.7 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 47.380 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

Tgt Ion: 95 Resp: 275347
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 70.9 0.0 135.8

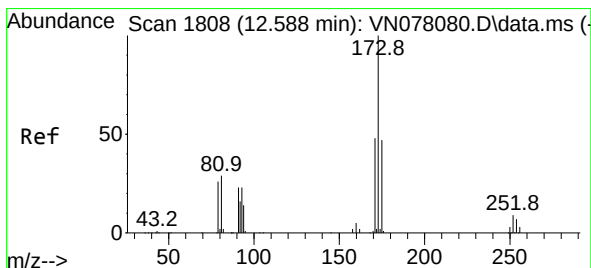
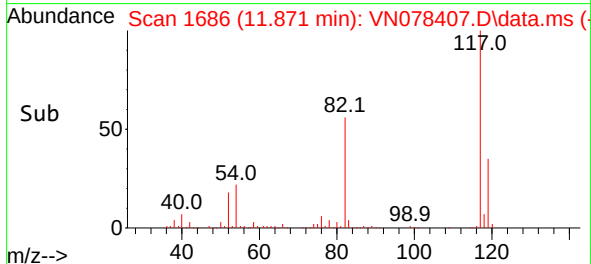
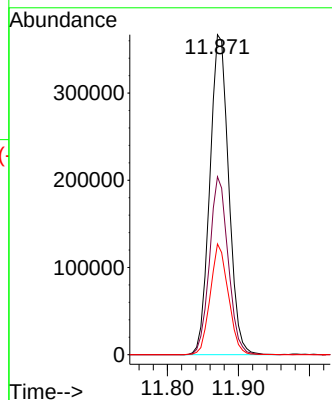
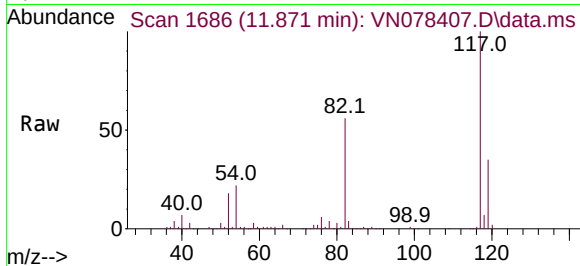




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

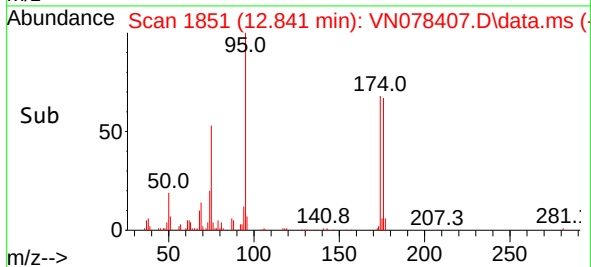
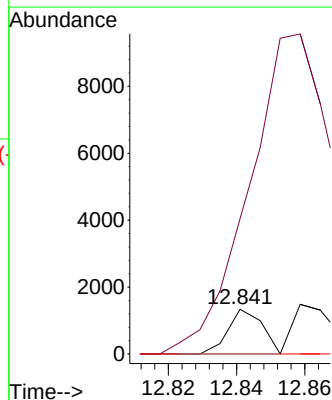
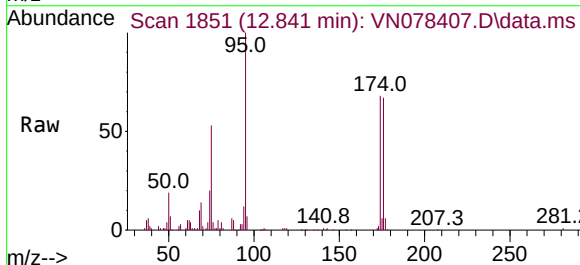
Instrument :
MSVOA_N
ClientSampleId :
1621

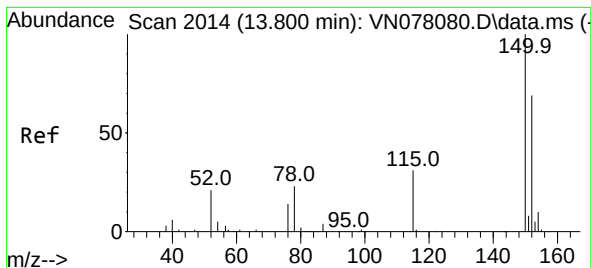
Tgt Ion:117 Resp: 675993
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 34.6 25.6 38.4



#71
Bromoform
Concen: 0.271 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.253 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

Tgt Ion:173 Resp: 932
Ion Ratio Lower Upper
173 100
175 1501.6 24.3 73.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078407.D

Acq: 26 Jun 2023 17:13

Instrument :

MSVOA_N

ClientSampleId :

1621

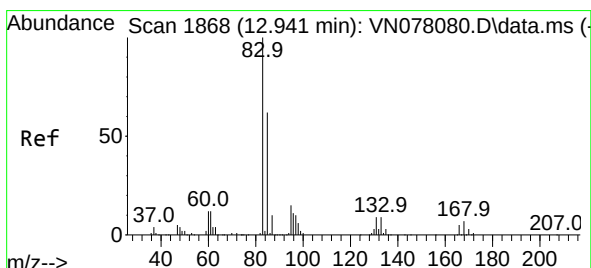
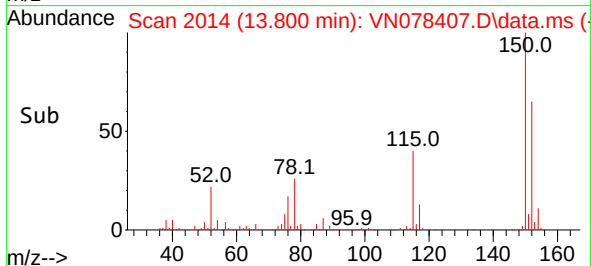
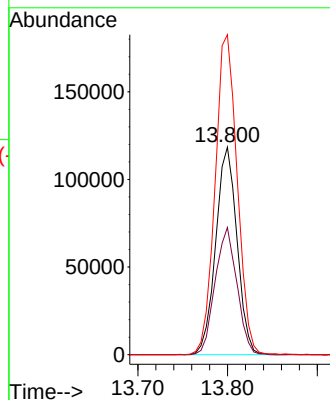
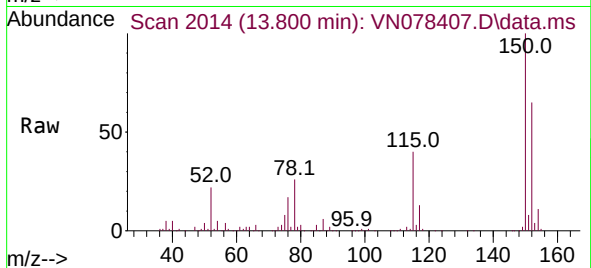
Tgt Ion:152 Resp: 195213

Ion Ratio Lower Upper

152 100

115 62.5 32.3 96.8

150 159.8 0.0 355.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 13.023 min Scan# 1882

Delta R.T. 0.082 min

Lab File: VN078407.D

Acq: 26 Jun 2023 17:13

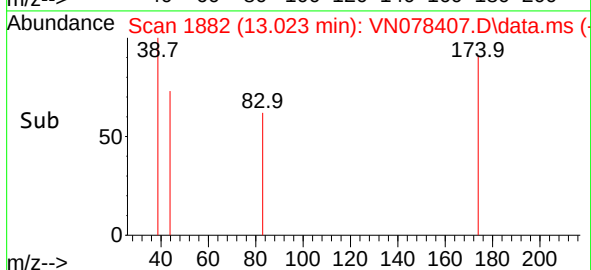
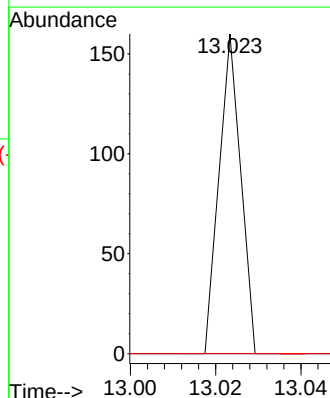
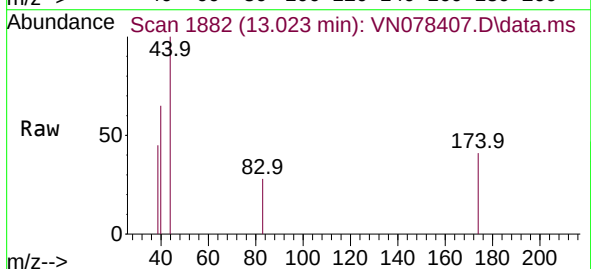
Tgt Ion: 83 Resp: 56

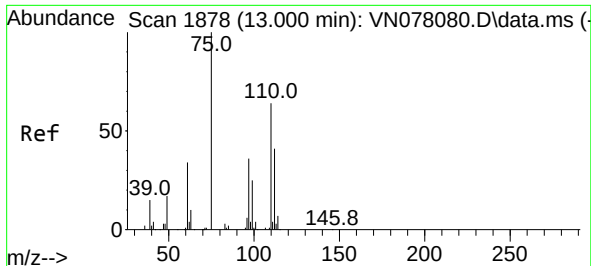
Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#

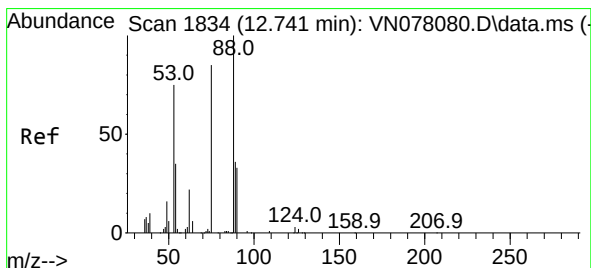
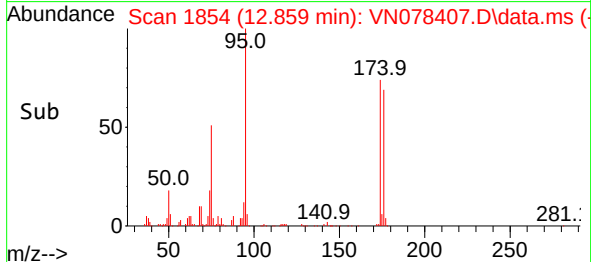
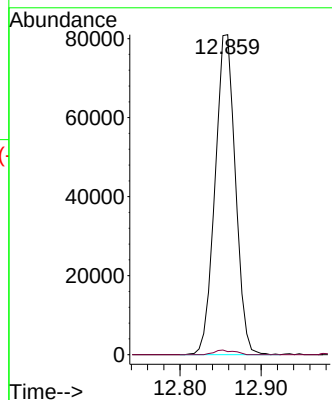
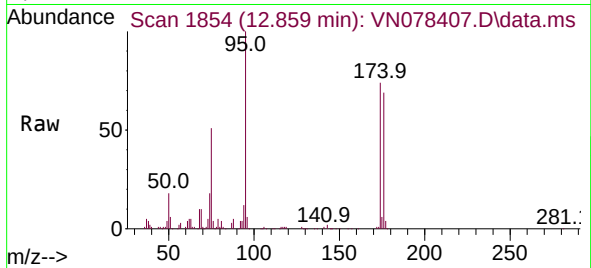




#76
1,2,3-Trichloropropane
Concen: 30.593 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

Instrument :
MSVOA_N
ClientSampleId :
1621

Tgt Ion: 75 Resp: 141185
Ion Ratio Lower Upper
75 100
77 1.4 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.992 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN078407.D
Acq: 26 Jun 2023 17:13

Tgt Ion: 75 Resp: 141185
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.2 38.8 58.2#

