

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082236.D
 Acq On : 21 May 2024 13:28
 Operator : JC\MD
 Sample : P2537-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 448

Quant Time: May 22 01:26:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

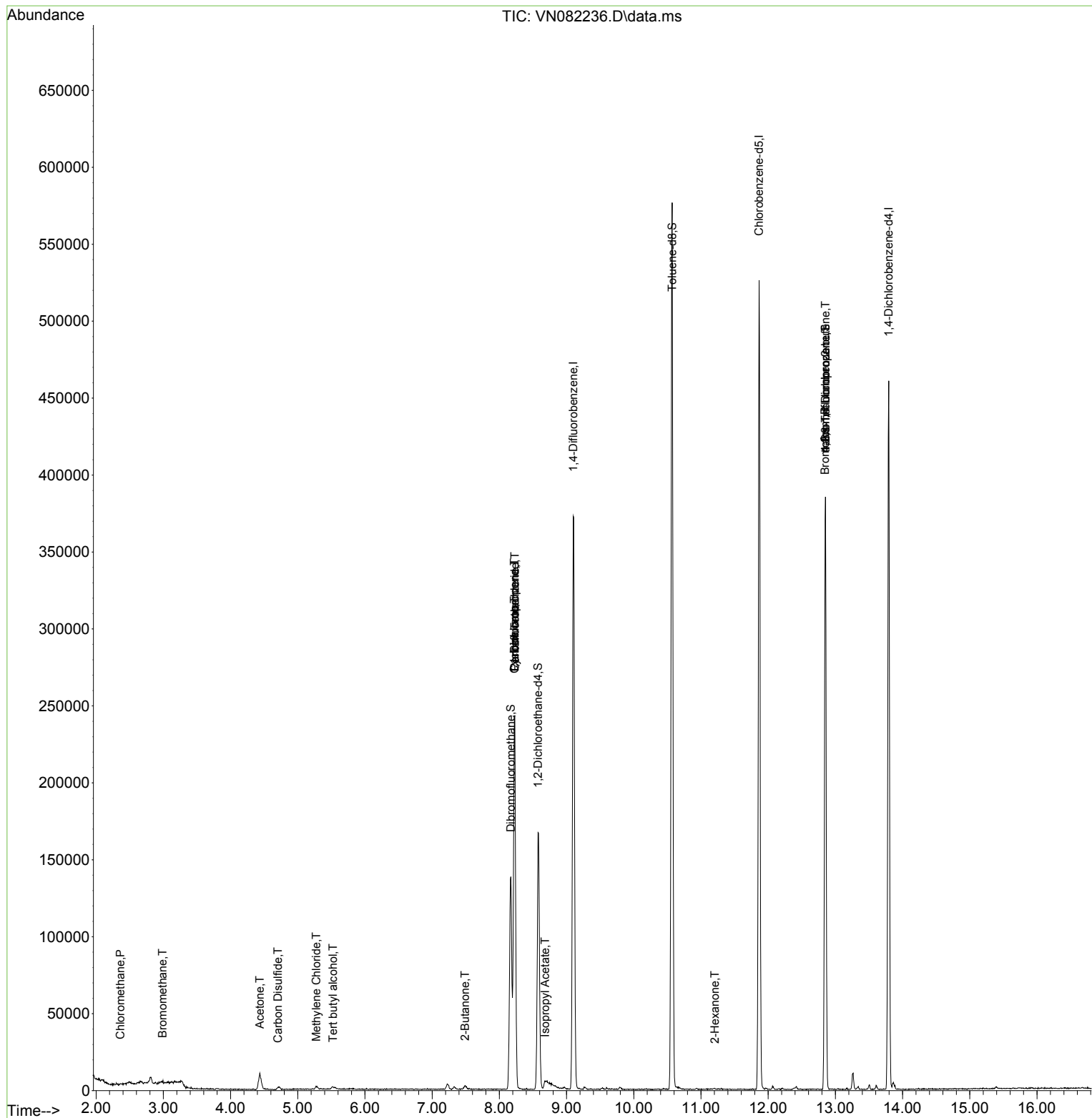
Internal Standards						
1) Pentafluorobenzene	8.230	168	168874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	139872	52.454	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.900%		
35) Dibromofluoromethane	8.171	113	97046	52.482	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.960%		
50) Toluene-d8	10.571	98	374852	52.875	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.740%		
62) 4-Bromofluorobenzene	12.853	95	122744	48.508	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 97.020%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	772	0.280	ug/l #	43
5) Bromomethane	2.989	94	767	0.514	ug/l #	58
11) Tert butyl alcohol	5.524	59	2592	6.055	ug/l #	71
16) Acetone	4.436	43	19624	17.940	ug/l	98
17) Carbon Disulfide	4.706	76	1578	0.265	ug/l #	74
20) Methylene Chloride	5.277	84	708	0.321	ug/l #	77
25) 2-Butanone	7.488	43	4987	3.007	ug/l #	70
31) Cyclohexane	8.224	56	5306	1.246	ug/l #	41
36) 1,1-Dichloropropene	8.224	75	15680	5.056	ug/l #	49
38) Carbon Tetrachloride	8.230	117	18442	5.866	ug/l #	15
43) Isopropyl Acetate	8.682	43	3082	0.501	ug/l #	52
59) 2-Hexanone	11.206	43	688	0.269	ug/l #	34
71) Bromoform	12.847	173	716	1.149	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	72983	30.207	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	72983	70.654	ug/l #	12

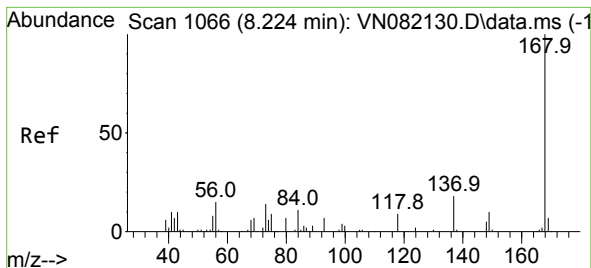
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
Data File : VN082236.D
Acq On : 21 May 2024 13:28
Operator : JC\MD
Sample : P2537-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
448

Quant Time: May 22 01:26:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN082236.D

Acq: 21 May 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

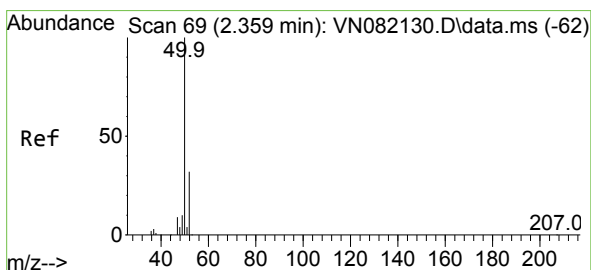
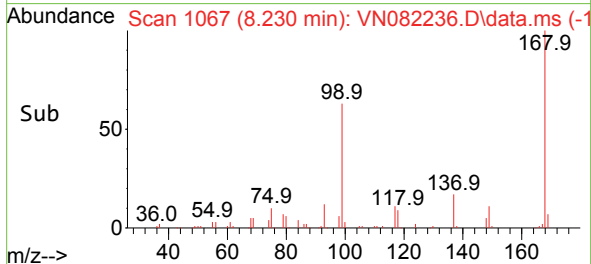
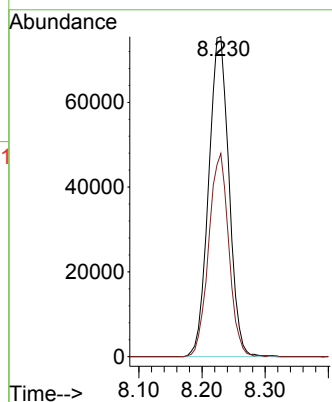
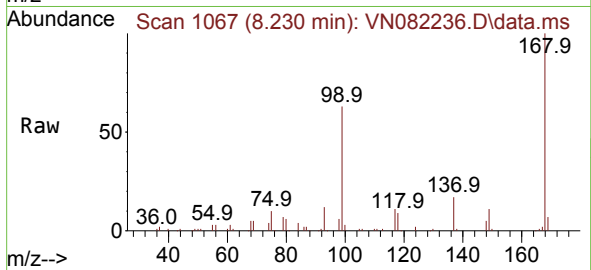
448

Tgt Ion:168 Resp: 168874

Ion Ratio Lower Upper

168 100

99 63.5 48.2 72.4



#3

Chloromethane

Concen: 0.280 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN082236.D

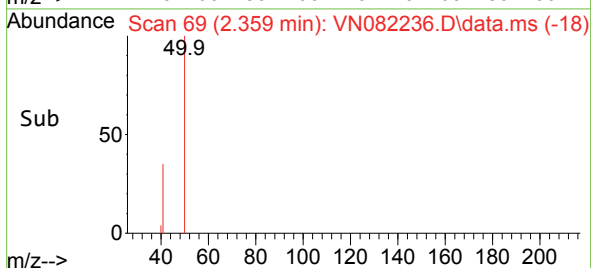
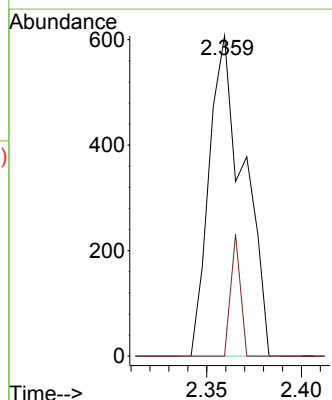
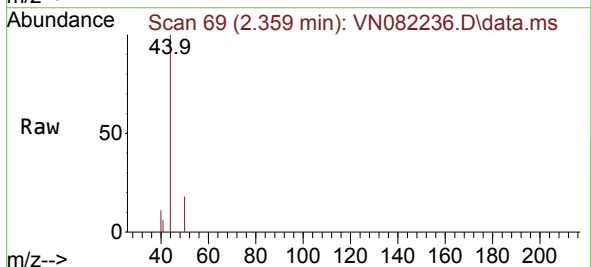
Acq: 21 May 2024 13:28

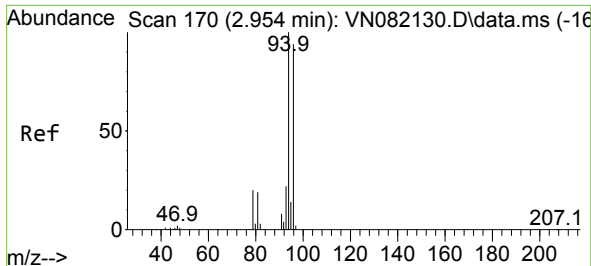
Tgt Ion: 50 Resp: 772

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

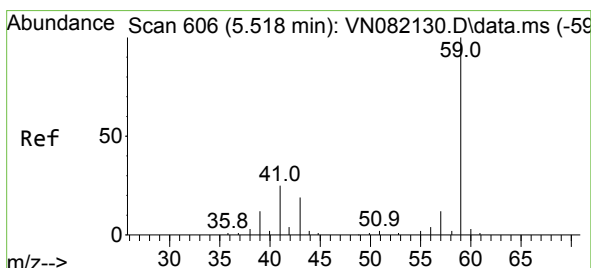
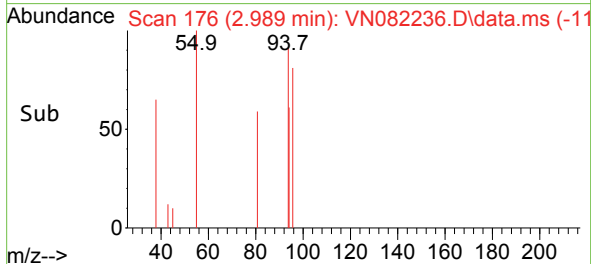
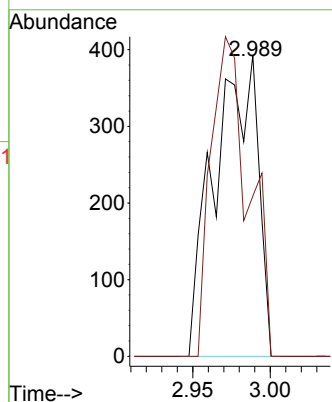
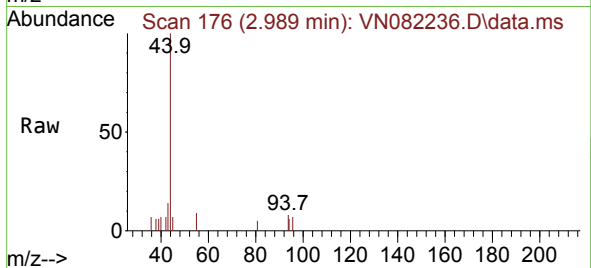




#5
Bromomethane
Concen: 0.514 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

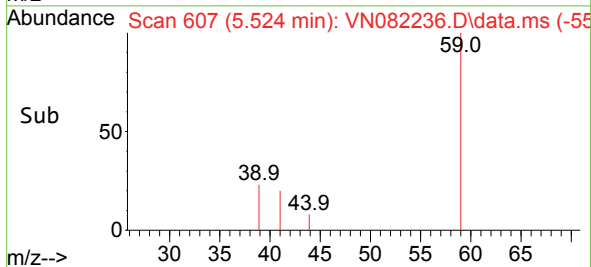
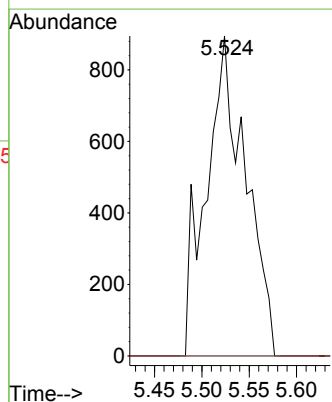
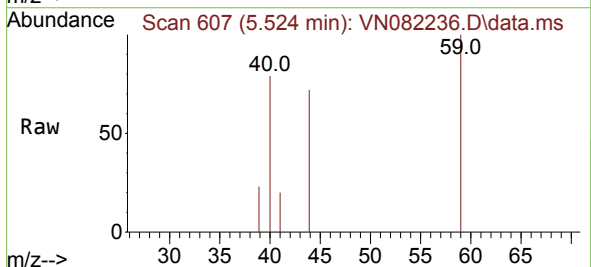
Instrument :
MSVOA_N
ClientSampleId :
448

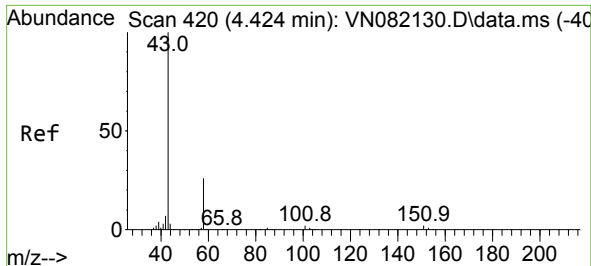
Tgt Ion: 94 Resp: 767
Ion Ratio Lower Upper
94 100
96 53.2 74.8 112.2#



#11
Tert butyl alcohol
Concen: 6.055 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

Tgt Ion: 59 Resp: 2592
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

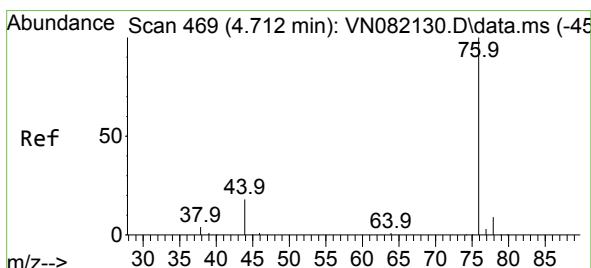
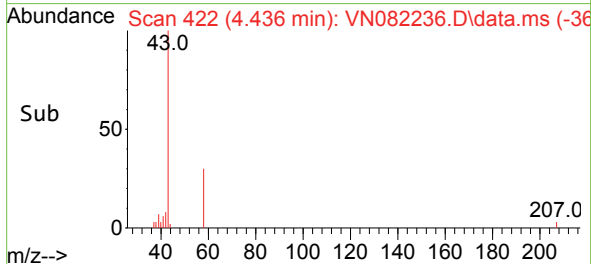
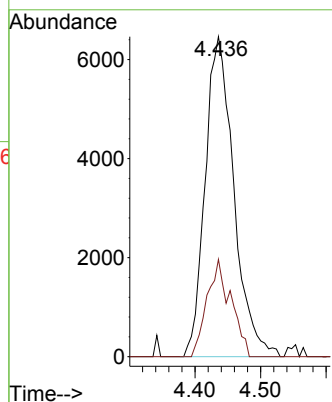
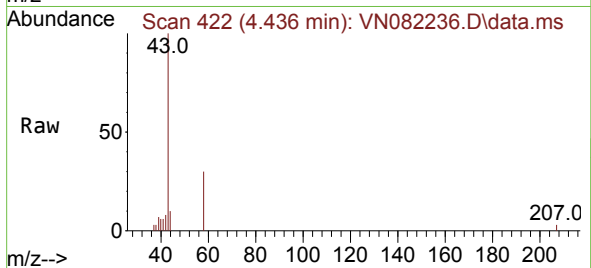




#16
Acetone
Concen: 17.940 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

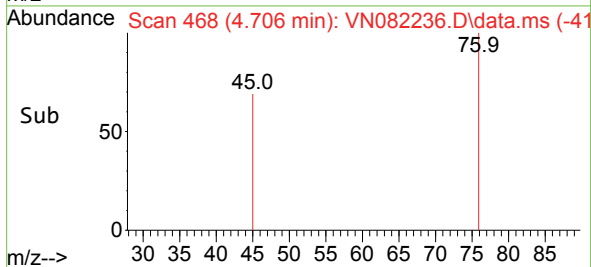
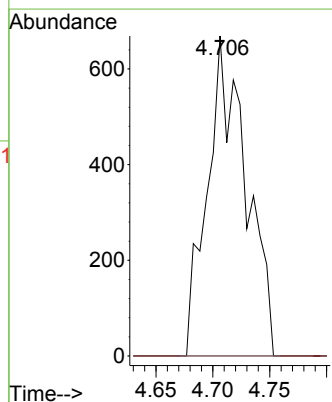
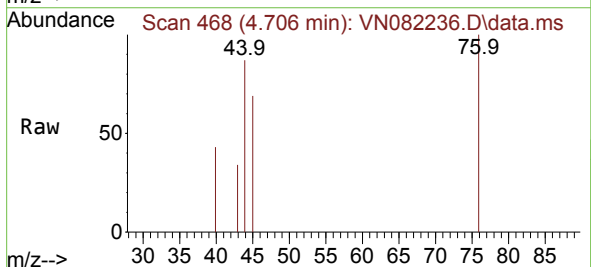
Instrument :
MSVOA_N
ClientSampleId :
448

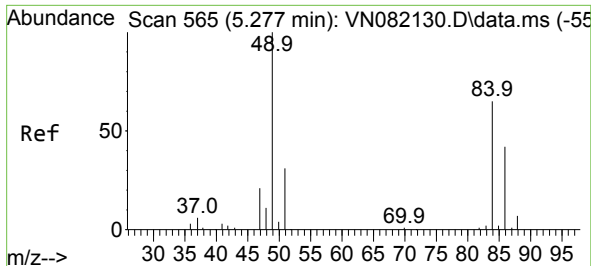
Tgt Ion: 43 Resp: 19624
Ion Ratio Lower Upper
43 100
58 30.4 25.2 37.8



#17
Carbon Disulfide
Concen: 0.265 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

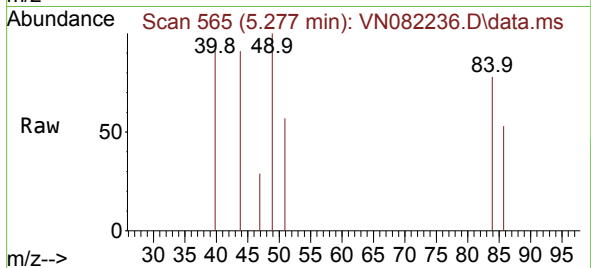
Tgt Ion: 76 Resp: 1578
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



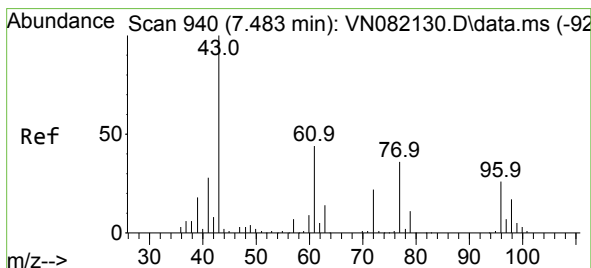
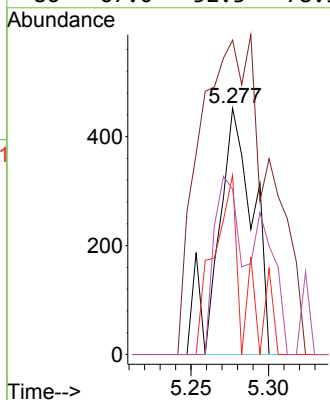


#20
Methylene Chloride
Concen: 0.321 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
448

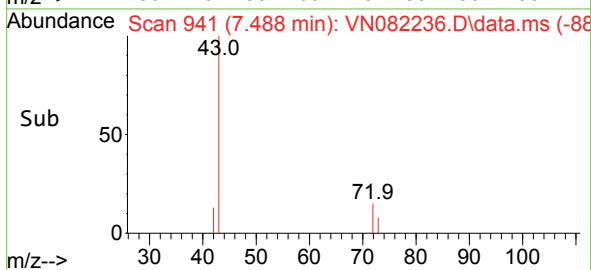
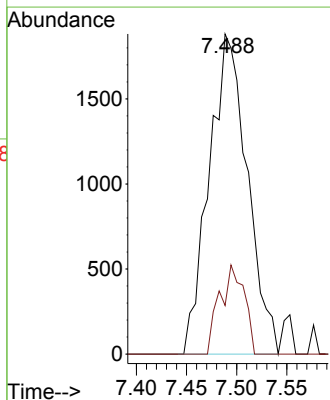
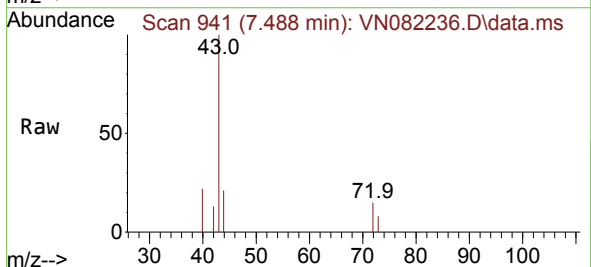


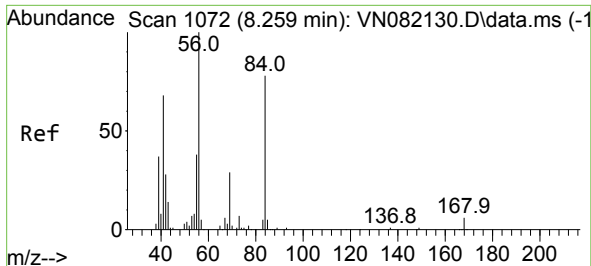
Tgt Ion: 84	Resp: 708
Ion Ratio	Lower Upper
84	100
49	127.7 84.9 127.3#
51	72.8 27.0 40.6#
86	67.0 52.3 78.5



#25
2-Butanone
Concen: 3.007 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

Tgt Ion: 43	Resp: 4987
Ion Ratio	Lower Upper
43	100
72	15.2 25.3 37.9#

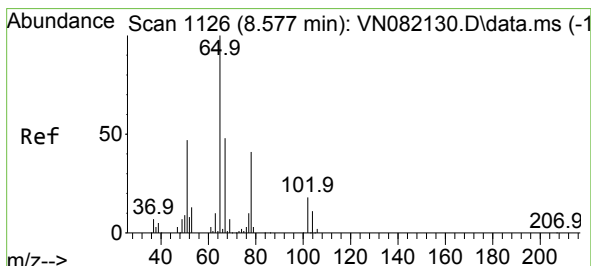
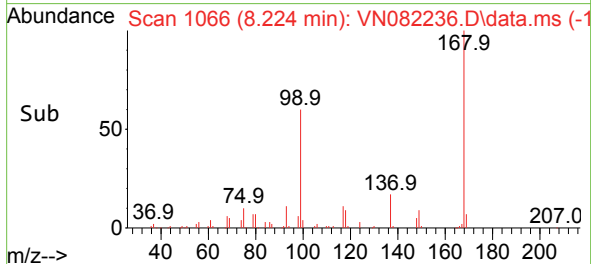
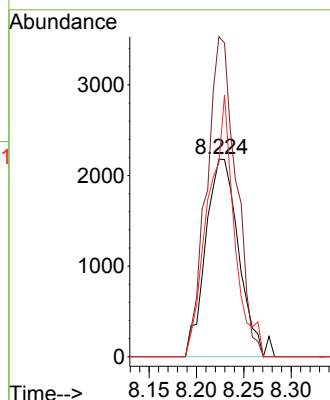
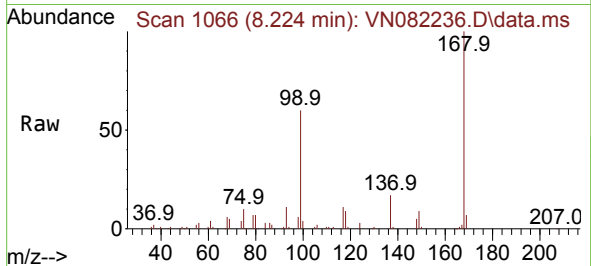




#31
Cyclohexane
Concen: 1.246 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

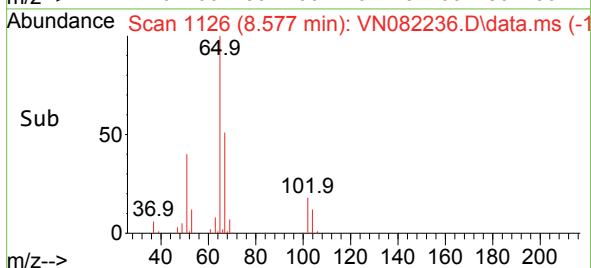
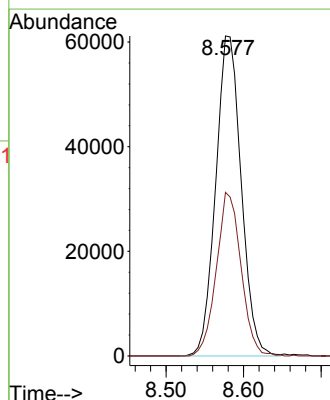
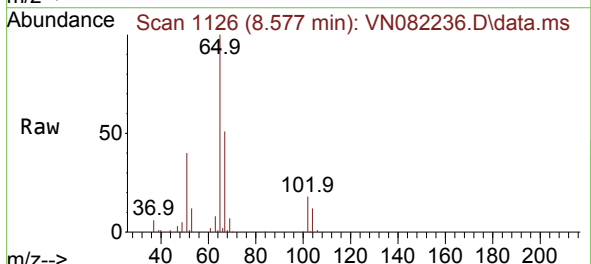
Instrument :
MSVOA_N
ClientSampleId :
448

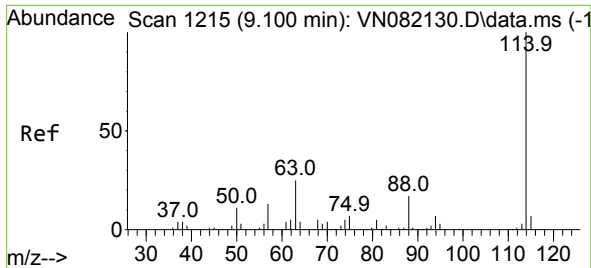
Tgt Ion: 56 Resp: 5306
Ion Ratio Lower Upper
56 100
69 161.9 24.4 36.6#
84 98.0 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 52.454 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

Tgt Ion: 65 Resp: 139872
Ion Ratio Lower Upper
65 100
67 49.5 0.0 103.0

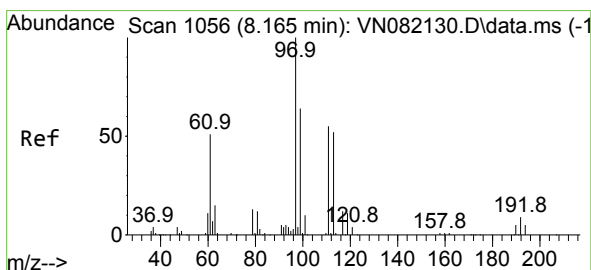
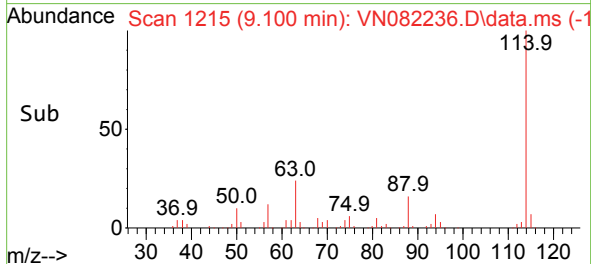
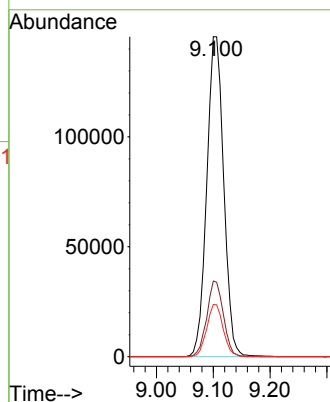
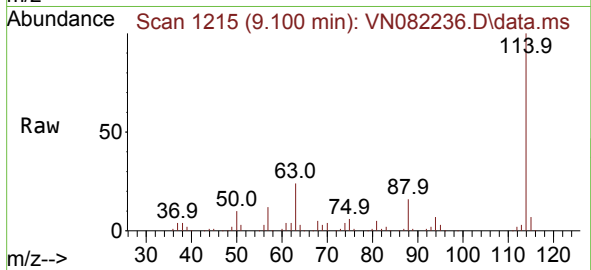




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

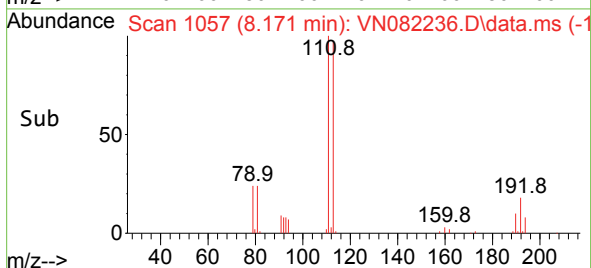
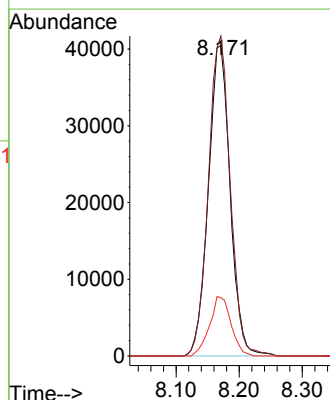
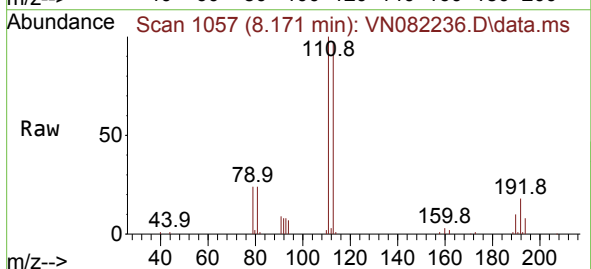
Instrument :
MSVOA_N
ClientSampleId :
448

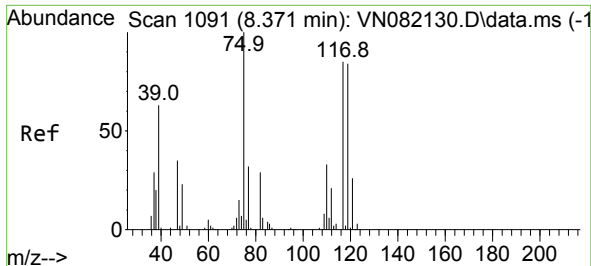
Tgt Ion:114 Resp: 300598
Ion Ratio Lower Upper
114 100
63 23.6 0.0 41.0
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.482 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

Tgt Ion:113 Resp: 97046
Ion Ratio Lower Upper
113 100
111 103.5 83.4 125.2
192 18.8 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.056 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082236.D

Acq: 21 May 2024 13:28

Instrument :

MSVOA_N

ClientSampleId :

448

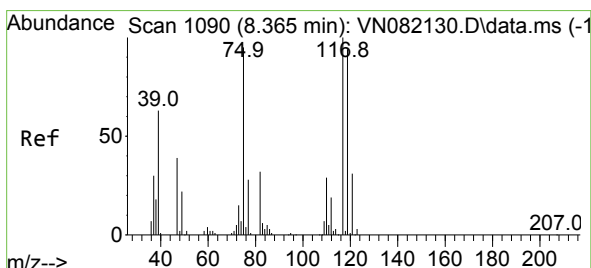
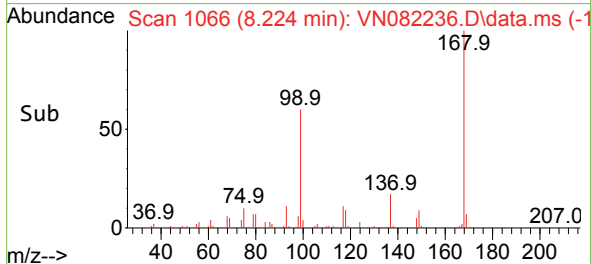
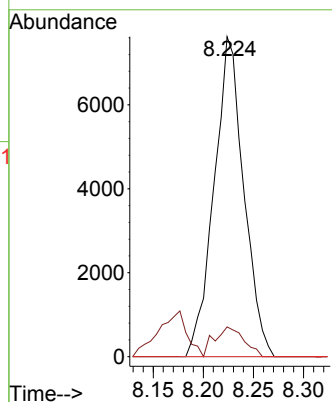
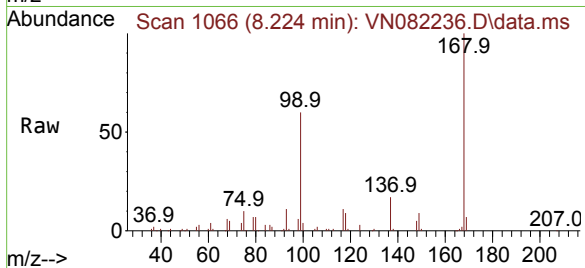
Tgt Ion: 75 Resp: 15680

Ion Ratio Lower Upper

75 100

110 9.2 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.866 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082236.D

Acq: 21 May 2024 13:28

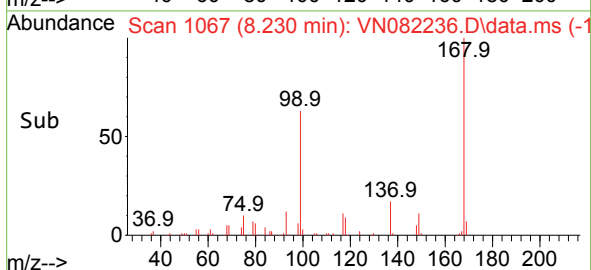
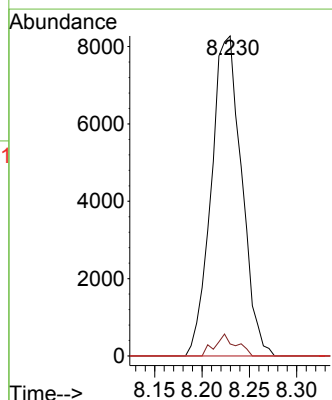
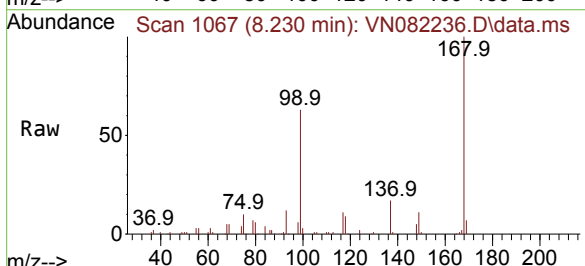
Tgt Ion: 117 Resp: 18442

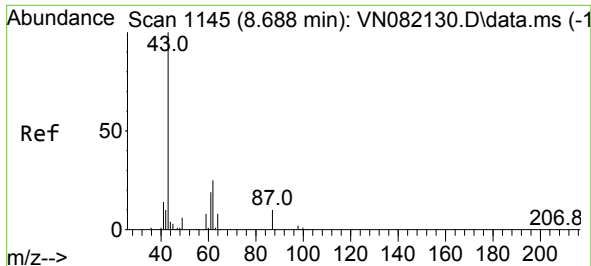
Ion Ratio Lower Upper

117 100

119 3.8 76.5 114.7#

121 0.0 23.9 35.9#

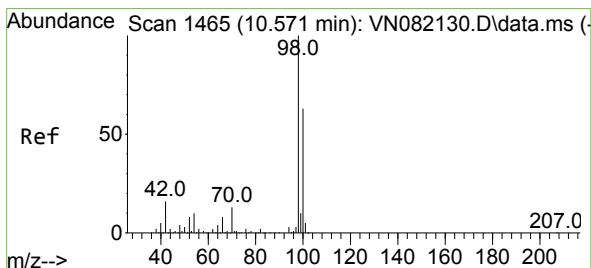
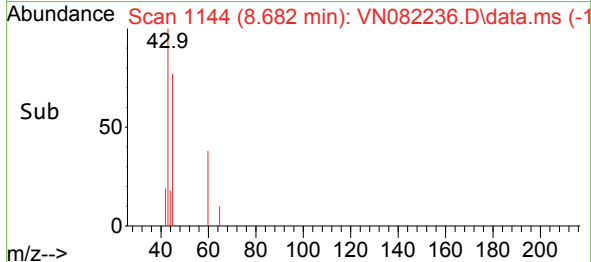
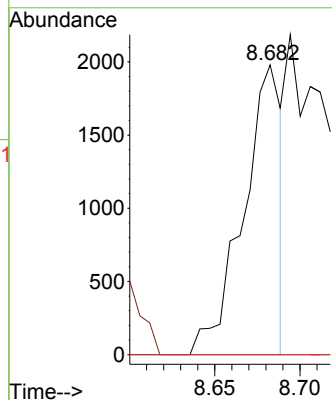
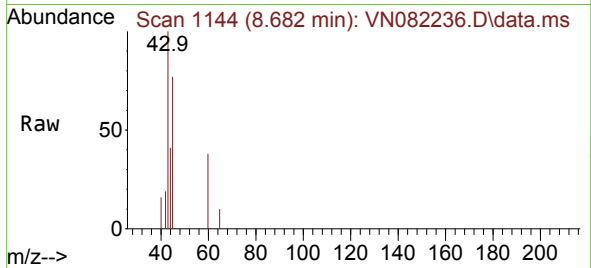




#43
Isopropyl Acetate
Concen: 0.501 ug/l
RT: 8.682 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

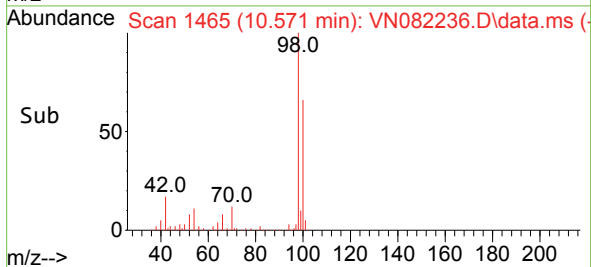
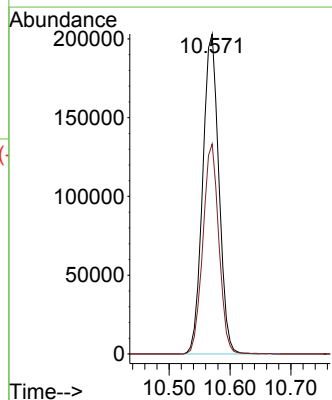
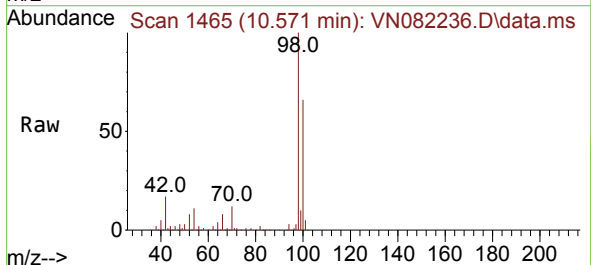
Instrument :
MSVOA_N
ClientSampleId :
448

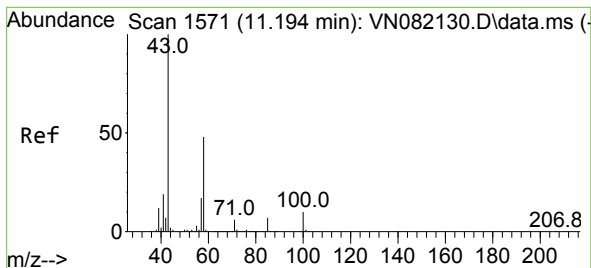
Tgt Ion: 43 Resp: 3082
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 52.875 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

Tgt Ion: 98 Resp: 374852
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

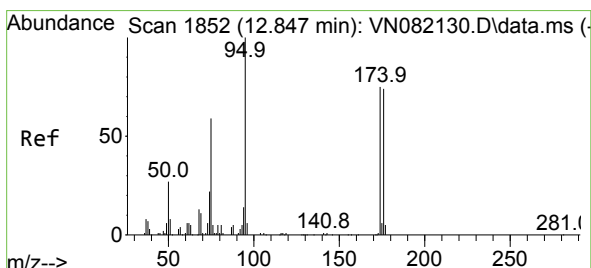
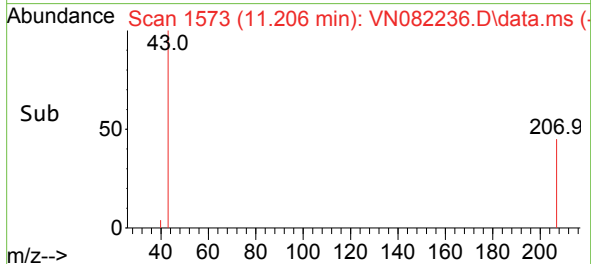
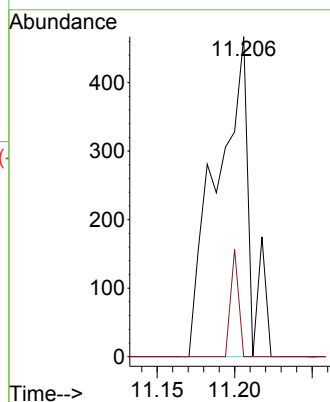
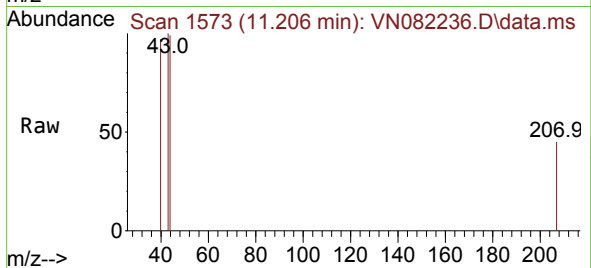




#59
2-Hexanone
Concen: 0.269 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

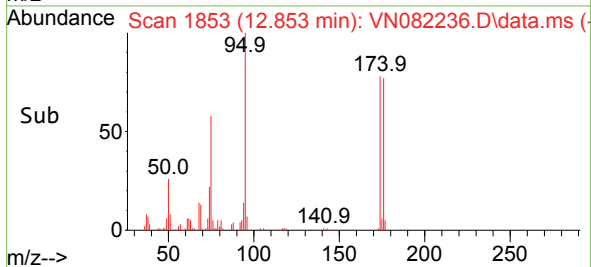
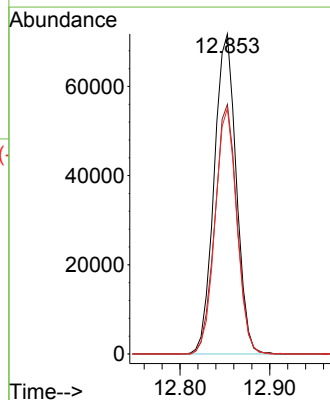
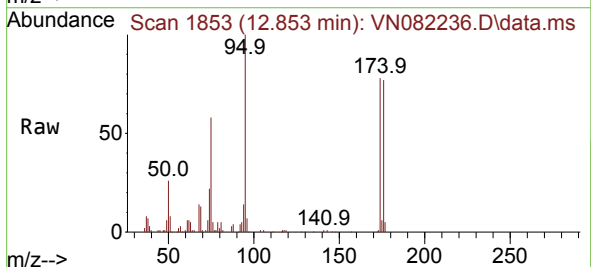
Instrument :
MSVOA_N
ClientSampleId :
448

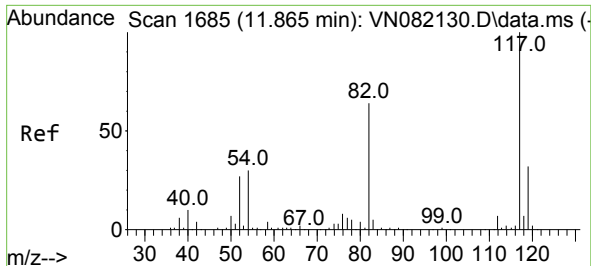
Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
58 8.0 28.3 84.9#



#62
4-Bromofluorobenzene
Concen: 48.508 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

Tgt Ion: 95 Resp: 122744
Ion Ratio Lower Upper
95 100
174 77.5 0.0 160.6
176 75.2 0.0 152.8

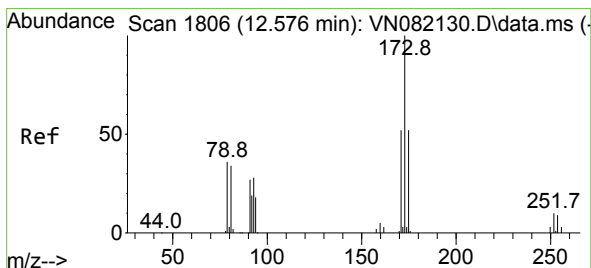
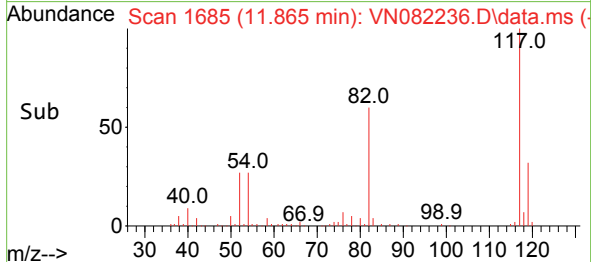
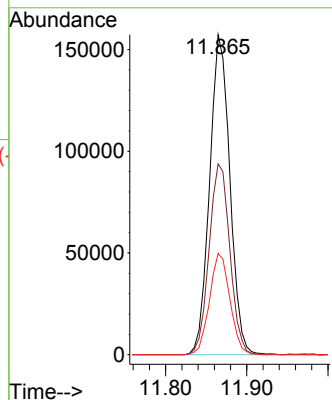
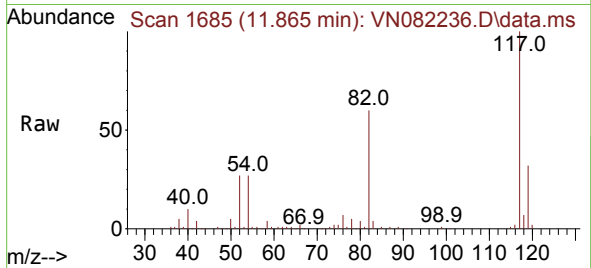




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

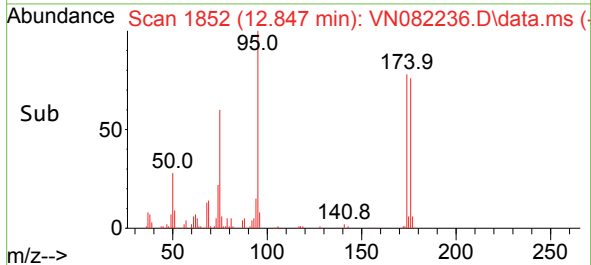
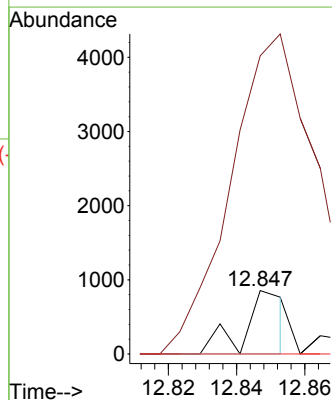
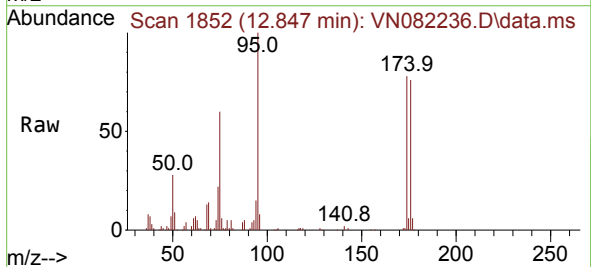
Instrument :
MSVOA_N
ClientSampleId :
448

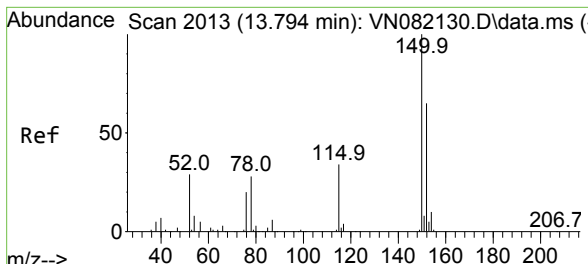
Tgt Ion:117 Resp: 272556
Ion Ratio Lower Upper
117 100
82 59.7 44.6 66.8
119 31.6 25.9 38.9



#71
Bromoform
Concen: 1.149 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN082236.D
Acq: 21 May 2024 13:28

Tgt Ion:173 Resp: 716
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

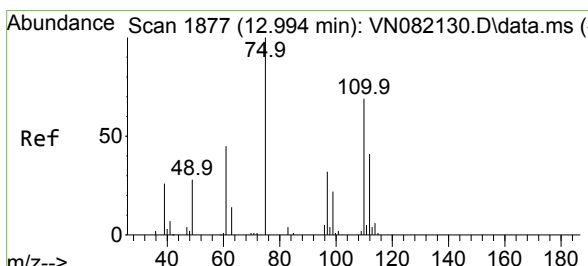
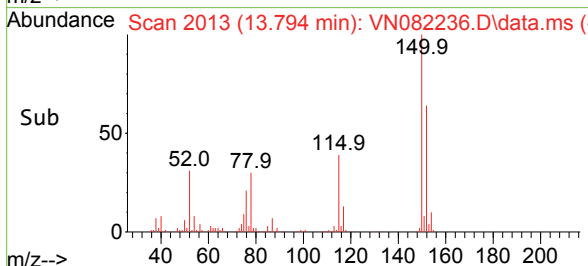
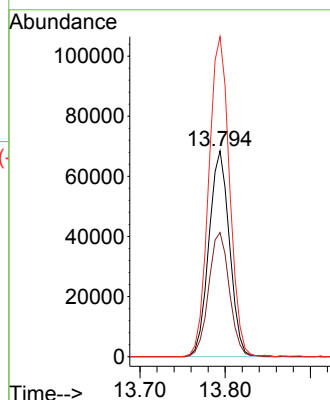
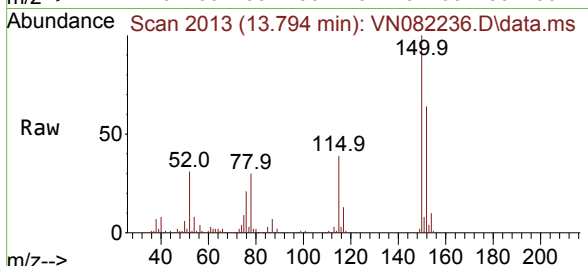




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN082236.D
 Acq: 21 May 2024 13:28

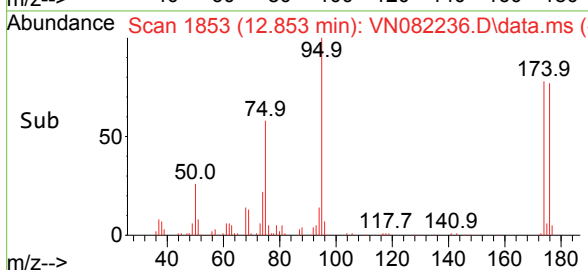
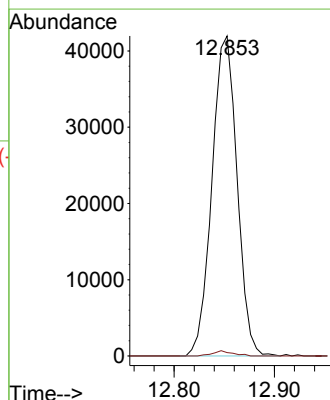
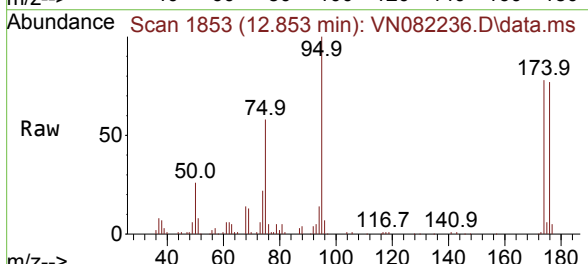
Instrument :
 MSVOA_N
 ClientSampleId :
 448

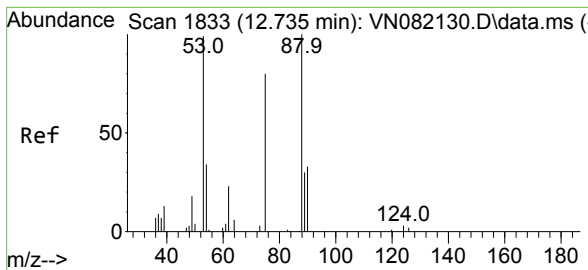
Tgt Ion:152 Resp: 114790
 Ion Ratio Lower Upper
 152 100
 115 60.8 30.4 91.3
 150 157.2 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 30.207 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082236.D
 Acq: 21 May 2024 13:28

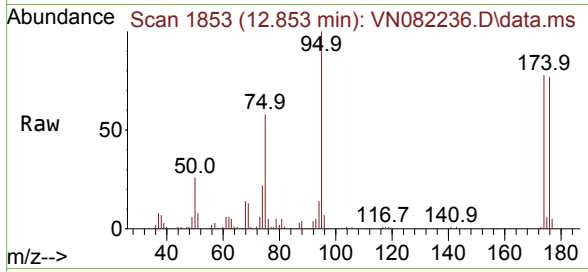
Tgt Ion: 75 Resp: 72983
 Ion Ratio Lower Upper
 75 100
 77 1.3 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.654 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082236.D
 Acq: 21 May 2024 13:28

Instrument :
 MSVOA_N
 ClientSampleId :
 448



Tgt Ion: 75 Resp: 72983

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.9	109.3#
89	0.0	39.1	58.7#

