

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
 Data File : VN081357.D
 Acq On : 11 Mar 2024 12:41
 Operator : JC\MD
 Sample : P1683-07 100X
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3524

Quant Time: Mar 12 04:51:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

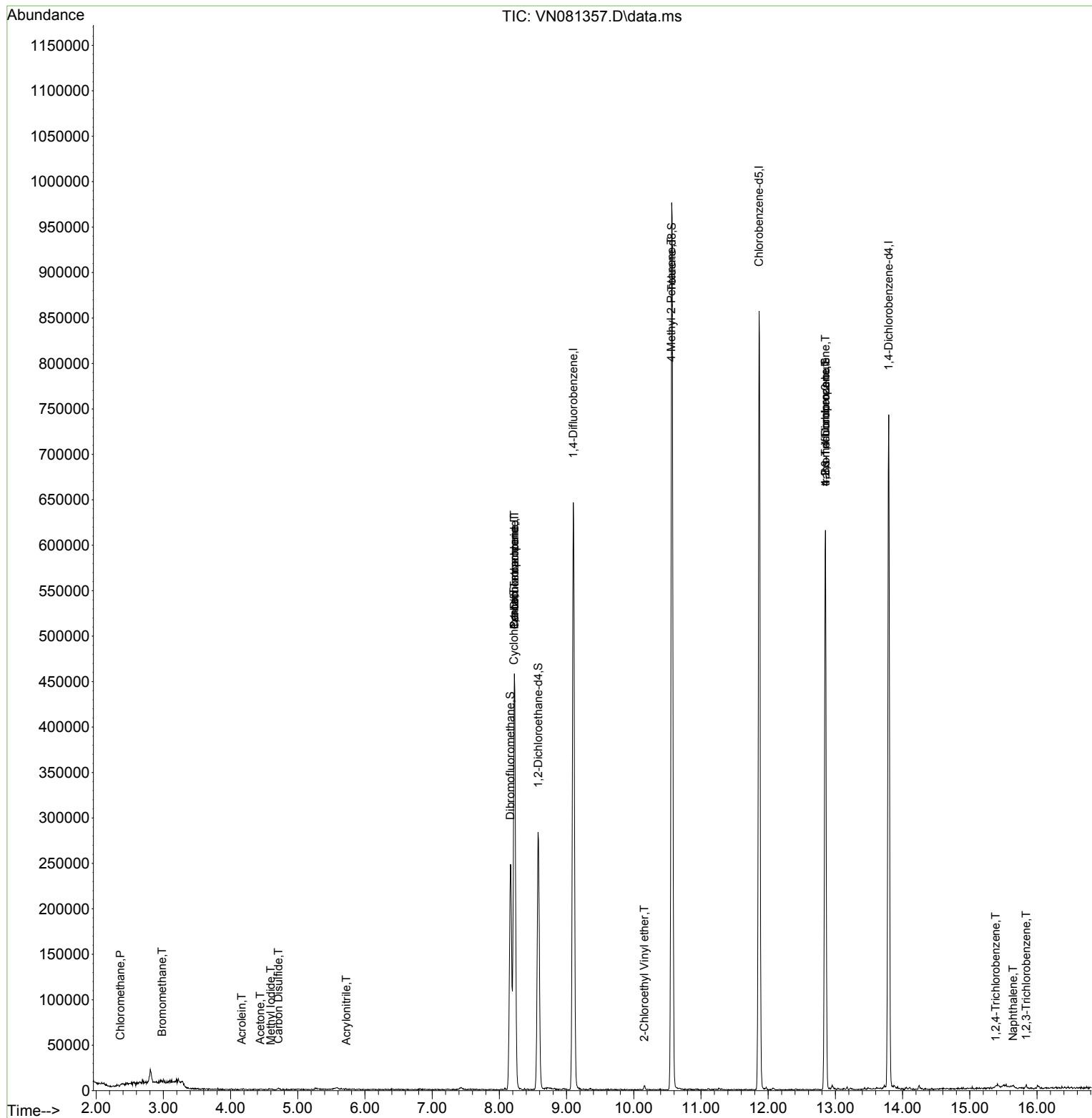
Internal Standards						
1) Pentafluorobenzene	8.224	168	310435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	558200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	482708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	229799	51.197	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	102.400%	
35) Dibromofluoromethane	8.165	113	176624	51.646	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	103.300%	
50) Toluene-d8	10.565	98	660140	51.636	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.280%	
62) 4-Bromofluorobenzene	12.853	95	204305	45.215	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	90.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1129	0.254	ug/l #	43
5) Bromomethane	2.983	94	1949	0.629	ug/l	95
10) Methyl Iodide	4.600	142	932	0.261	ug/l #	75
13) Acrolein	4.165	56	236	0.254	ug/l #	51
15) Acrylonitrile	5.724	53	473	0.231	ug/l #	44
16) Acetone	4.442	43	689	0.433	ug/l #	44
17) Carbon Disulfide	4.712	76	2791	0.270	ug/l #	78
20) Methylene Chloride	5.283	84	212	Below Cal	#	1
31) Cyclohexane	8.218	56	8839	1.301	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	27901	5.057	ug/l #	52
38) Carbon Tetrachloride	8.224	117	37079	6.677	ug/l #	17
51) 4-Methyl-2-Pentanone	10.559	43	3287	0.600	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.159	63	1798	0.590	ug/l	97
76) 1,2,3-Trichloropropane	12.853	75	116787	26.538	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	116787	74.064	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.388	180	839	0.243	ug/l	70
95) Naphthalene	15.647	128	3005	0.244	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.841	180	886	0.253	ug/l	86

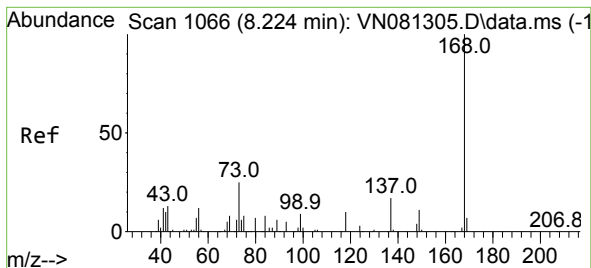
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN081357.D

Acq: 11 Mar 2024 12:41

Instrument :

MSVOA_N

ClientSampleId :

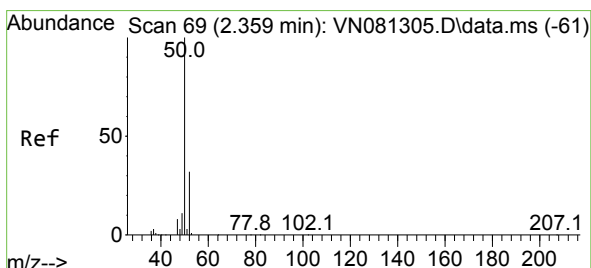
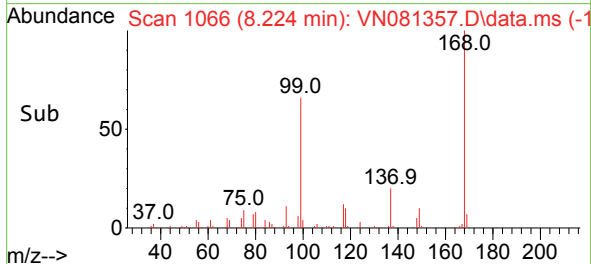
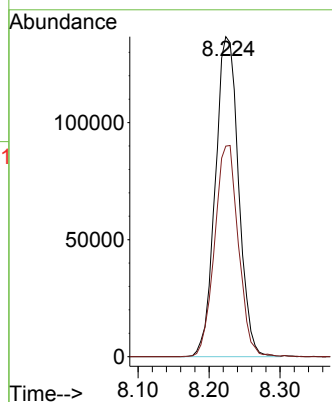
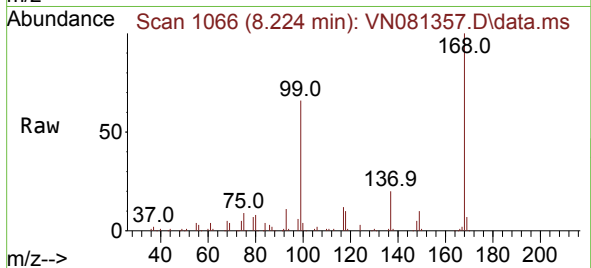
3524

Tgt Ion:168 Resp: 310435

Ion Ratio Lower Upper

168 100

99 65.8 59.9 89.9



#3

Chloromethane

Concen: 0.254 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN081357.D

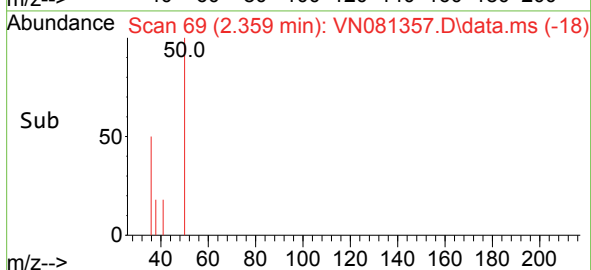
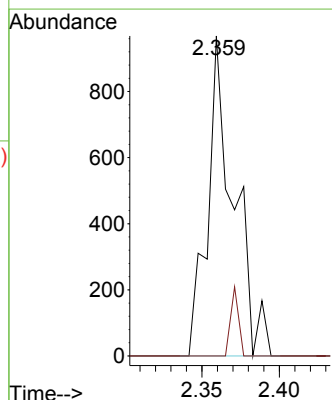
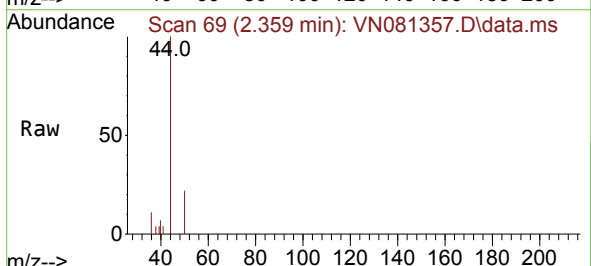
Acq: 11 Mar 2024 12:41

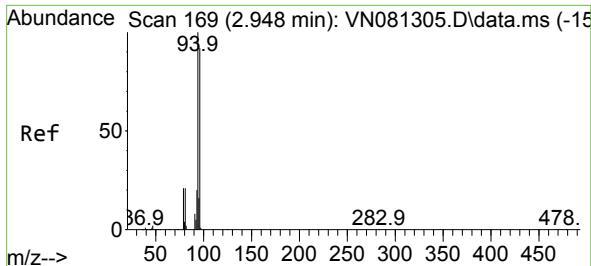
Tgt Ion: 50 Resp: 1129

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#

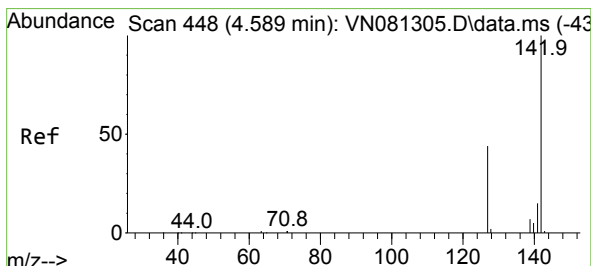
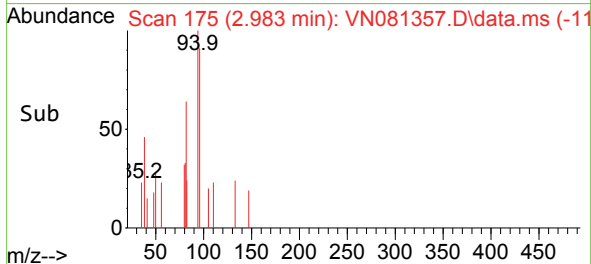
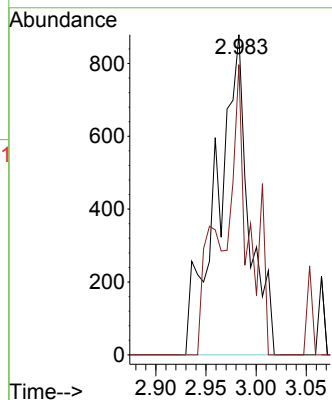
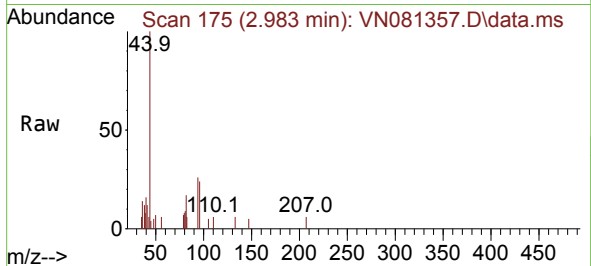




#5
Bromomethane
Concen: 0.629 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

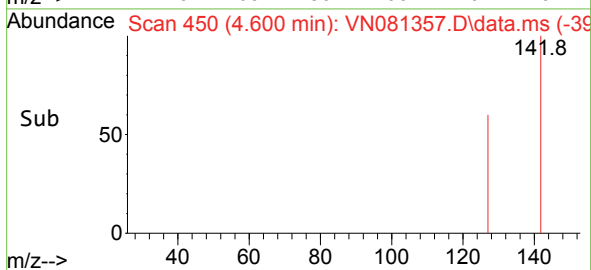
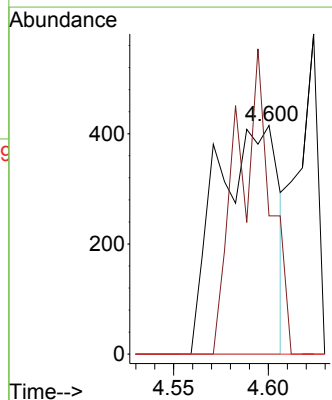
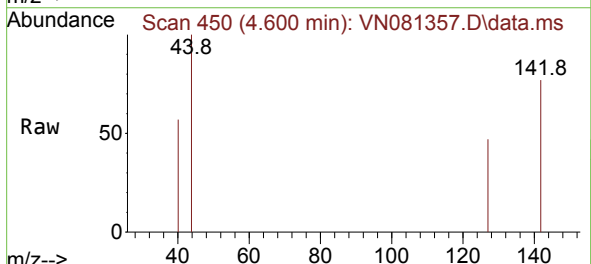
Instrument :
MSVOA_N
ClientSampleId :
3524

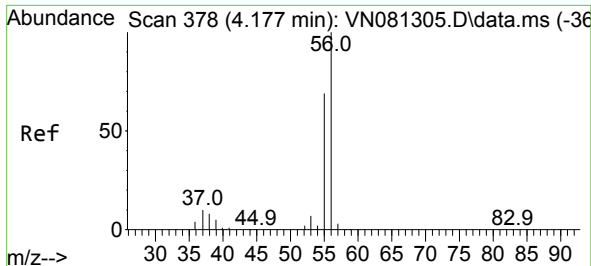
Tgt Ion: 94 Resp: 1949
Ion Ratio Lower Upper
94 100
96 90.7 69.2 103.8



#10
Methyl Iodide
Concen: 0.261 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.012 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

Tgt Ion: 142 Resp: 932
Ion Ratio Lower Upper
142 100
127 60.5 37.0 55.4#
141 0.0 12.5 18.7#

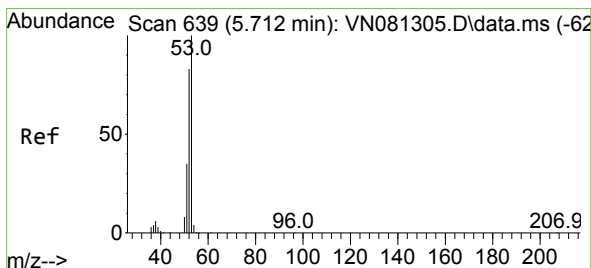
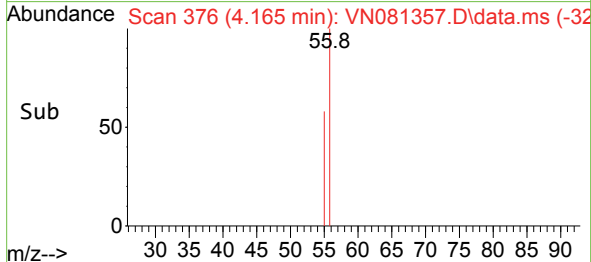
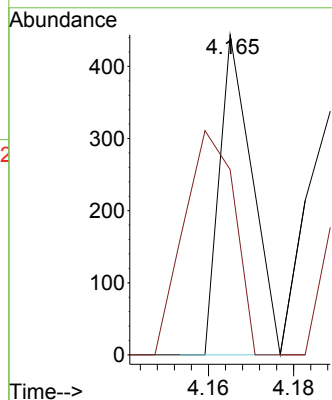
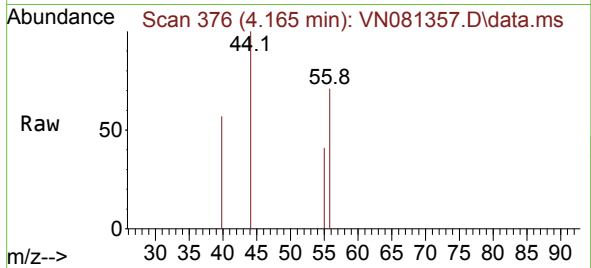




#13
Acrolein
Concen: 0.254 ug/l
RT: 4.165 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

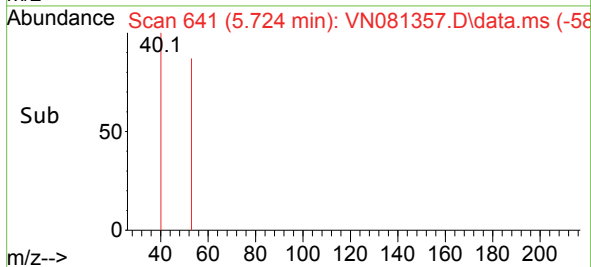
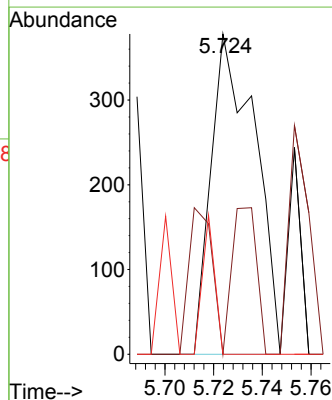
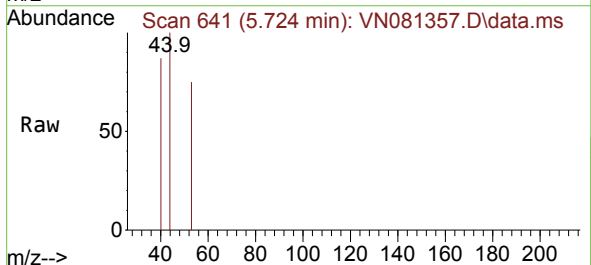
Instrument :
MSVOA_N
ClientSampleId :
3524

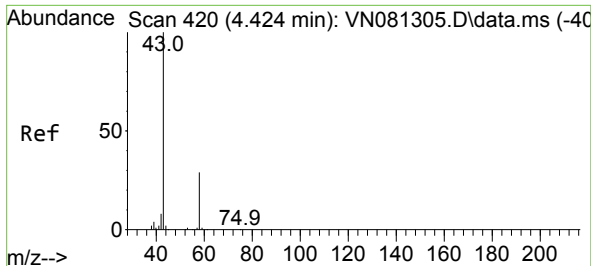
Tgt Ion: 56 Resp: 236
Ion Ratio Lower Upper
56 100
55 108.9 55.3 82.9#



#15
Acrylonitrile
Concen: 0.231 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

Tgt Ion: 53 Resp: 473
Ion Ratio Lower Upper
53 100
52 24.3 64.8 97.2#
51 12.3 26.9 40.3#

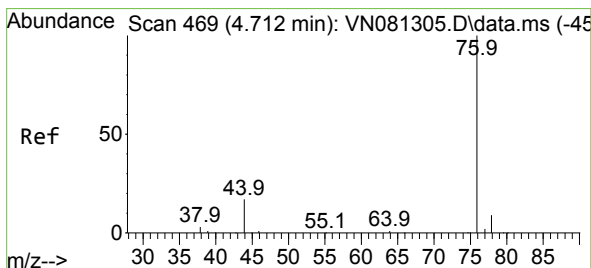
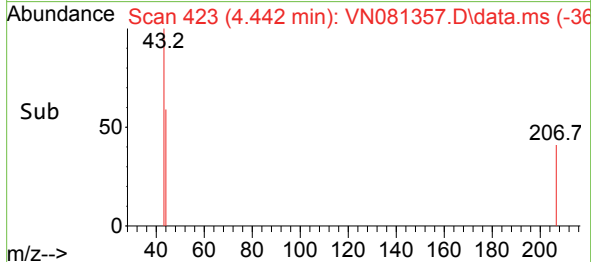
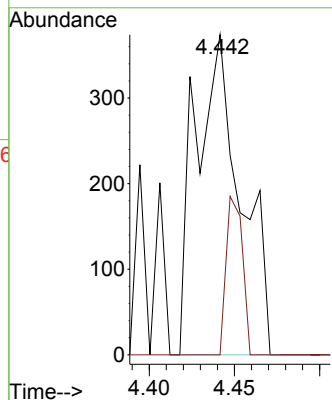
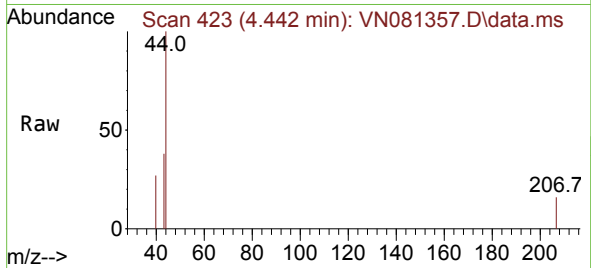




#16
Acetone
Concen: 0.433 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

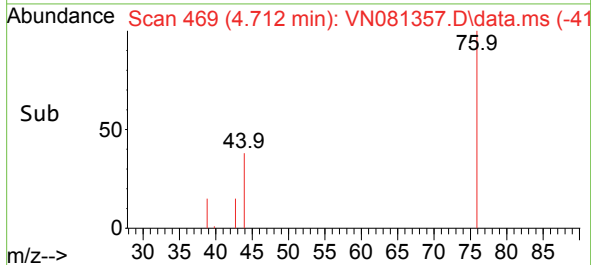
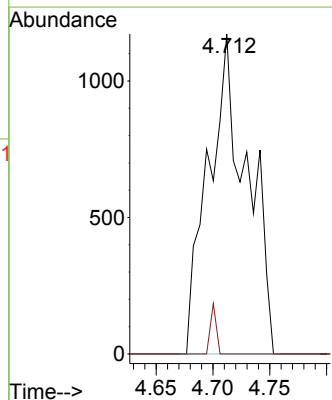
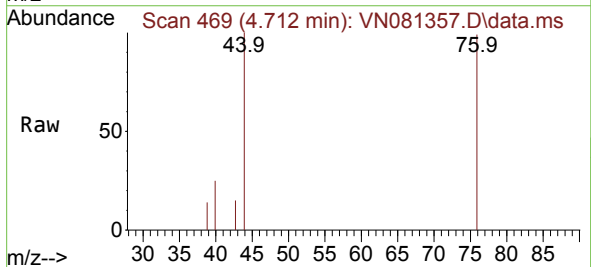
Instrument :
MSVOA_N
ClientSampleId :
3524

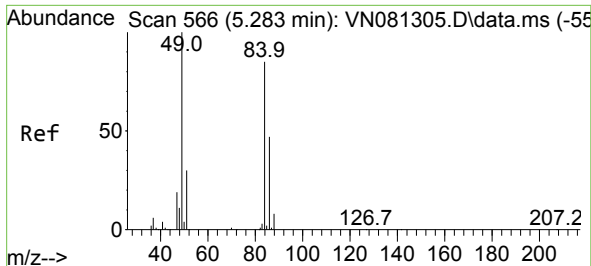
Tgt Ion: 43 Resp: 689
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#17
Carbon Disulfide
Concen: 0.270 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

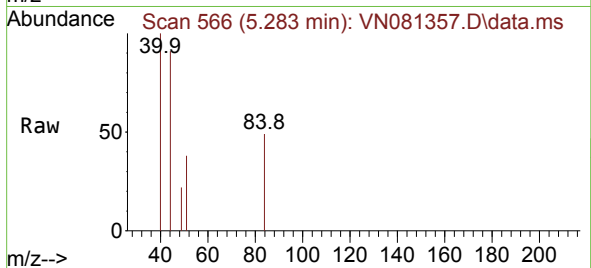
Tgt Ion: 76 Resp: 2791
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



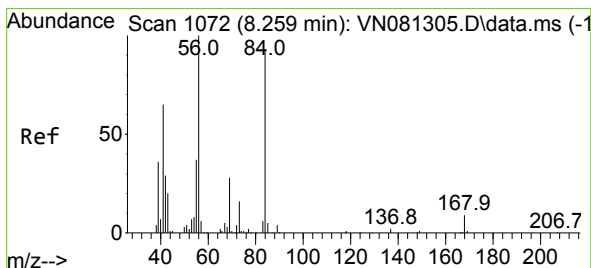
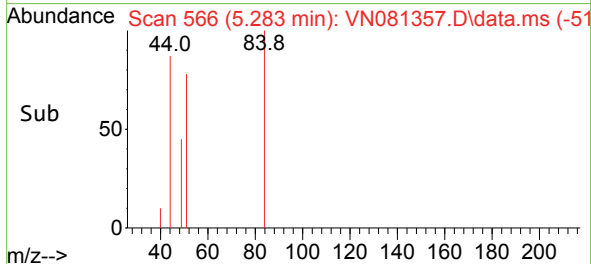
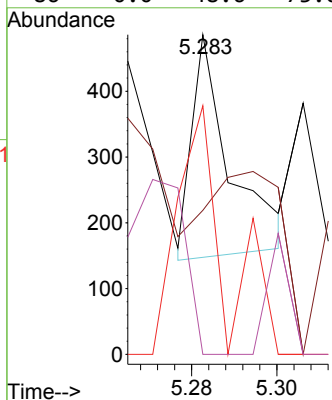


#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

Instrument :
MSVOA_N
ClientSampleId :
3524

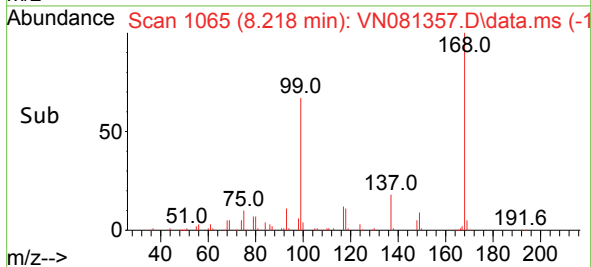
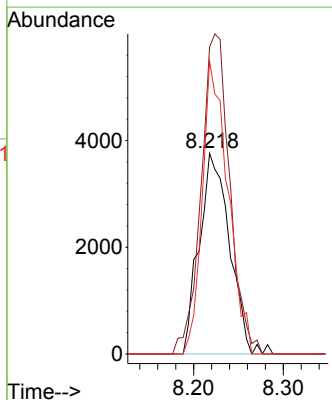
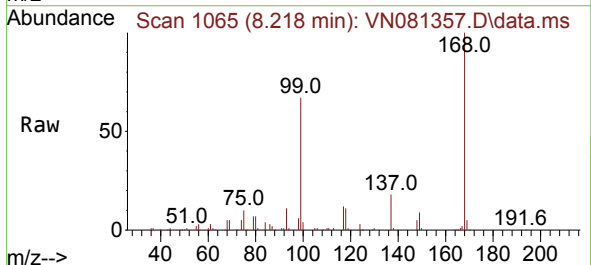


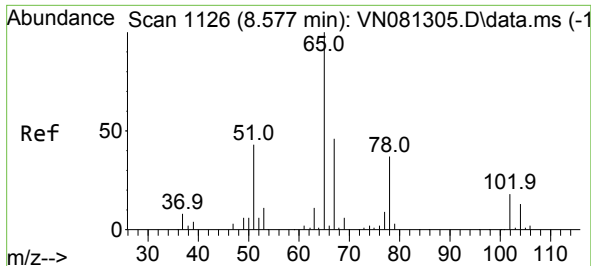
Tgt Ion:	84	Resp:	212
Ion	Ratio	Lower	Upper
84	100		
49	12.3	108.1	162.1#
51	116.3	32.9	49.3#
86	0.0	48.6	73.0#



#31
Cyclohexane
Concen: 1.301 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

Tgt Ion:	56	Resp:	8839
Ion	Ratio	Lower	Upper
56	100		
69	153.0	20.1	30.1#
84	146.2	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 51.197 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081357.D

Acq: 11 Mar 2024 12:41

Instrument :

MSVOA_N

ClientSampleId :

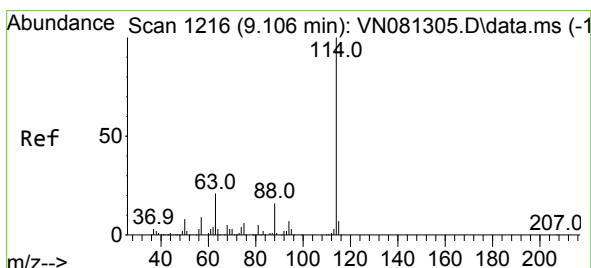
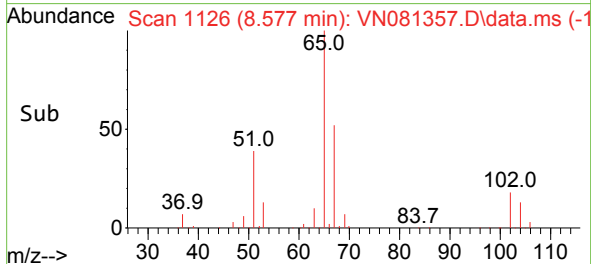
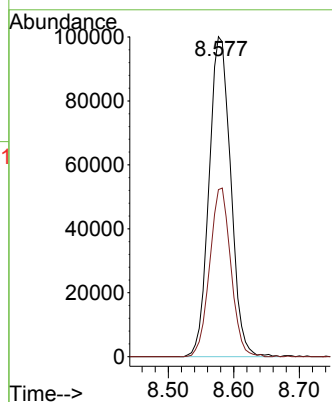
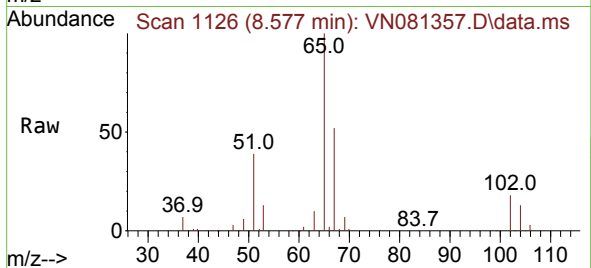
3524

Tgt Ion: 65 Resp: 229799

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081357.D

Acq: 11 Mar 2024 12:41

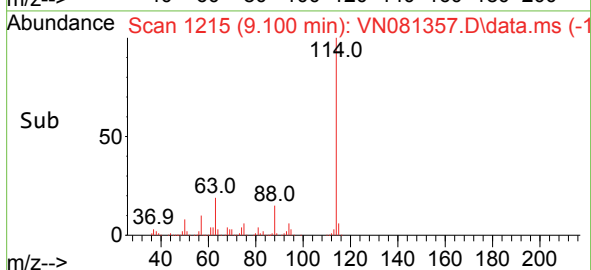
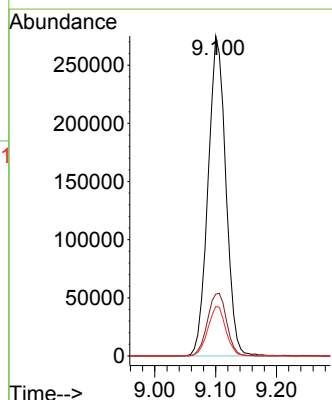
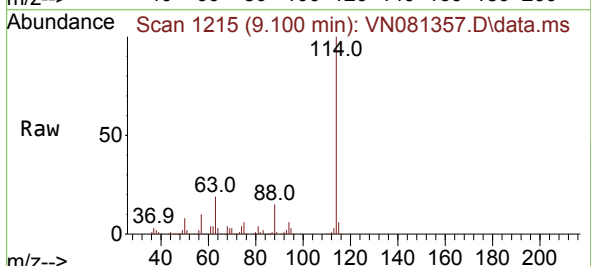
Tgt Ion: 114 Resp: 558200

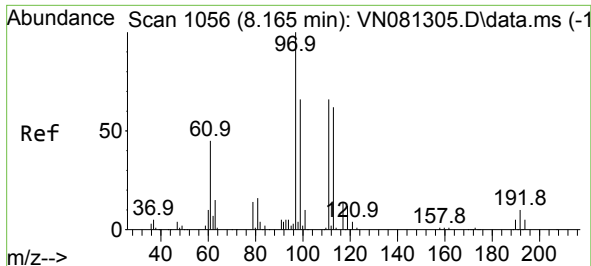
Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

88 15.4 0.0 34.8

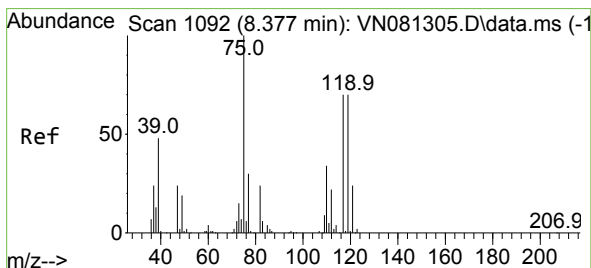
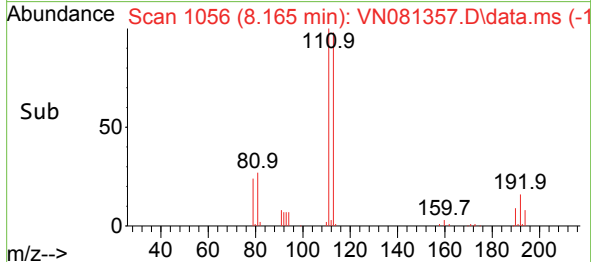
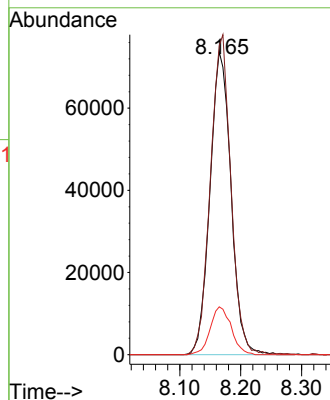
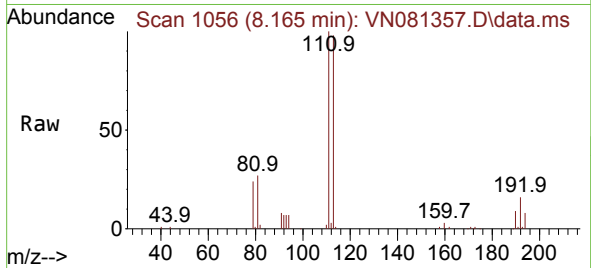




#35
Dibromofluoromethane
Concen: 51.646 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

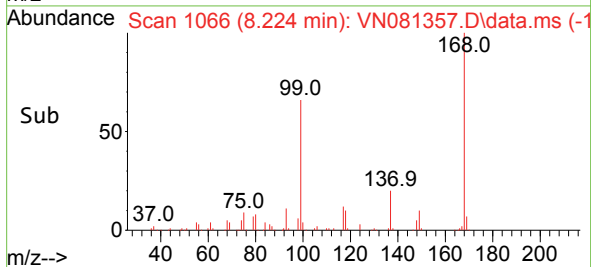
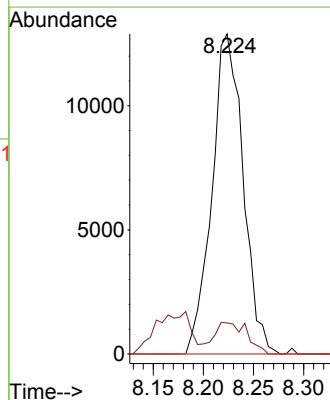
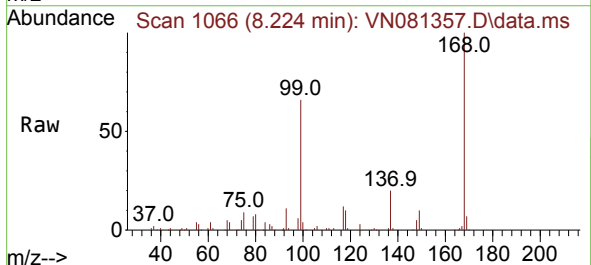
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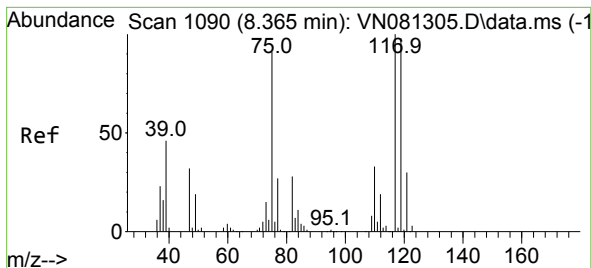
Tgt Ion:113 Resp: 176624
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 15.9 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.057 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

Tgt Ion: 75 Resp: 27901
Ion Ratio Lower Upper
75 100
110 10.3 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.677 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081357.D

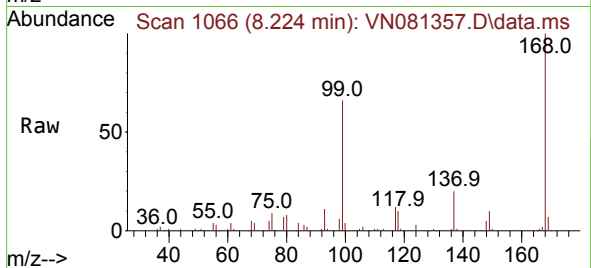
Acq: 11 Mar 2024 12:41

Instrument :

MSVOA_N

ClientSampleId :

3524



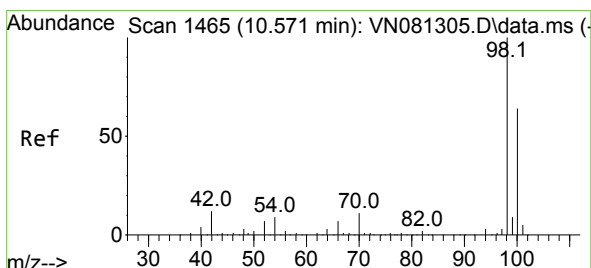
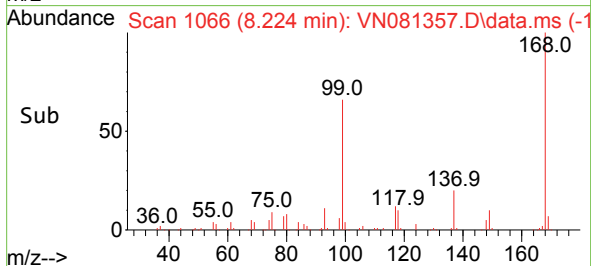
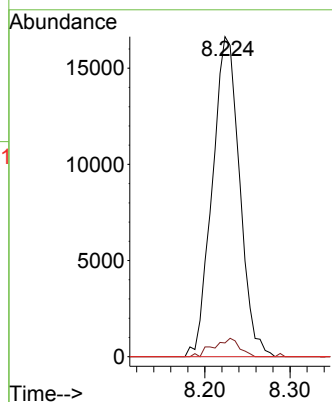
Tgt Ion:117 Resp: 37079

Ion Ratio Lower Upper

117 100

119 4.3 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 51.636 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081357.D

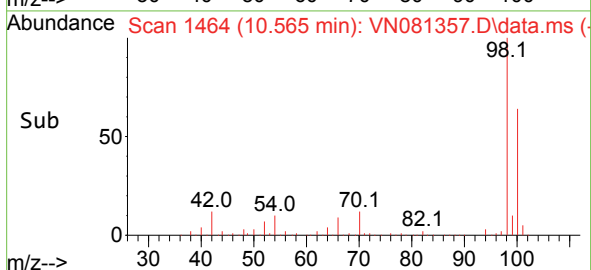
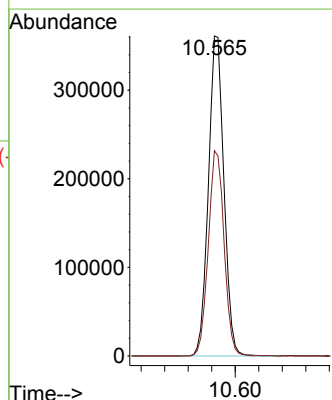
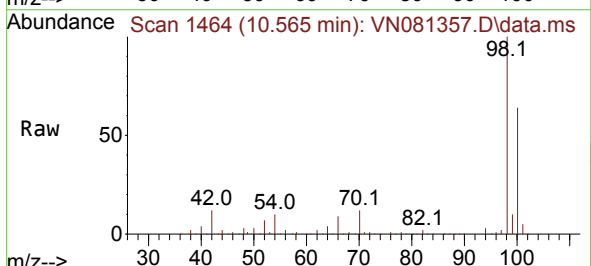
Acq: 11 Mar 2024 12:41

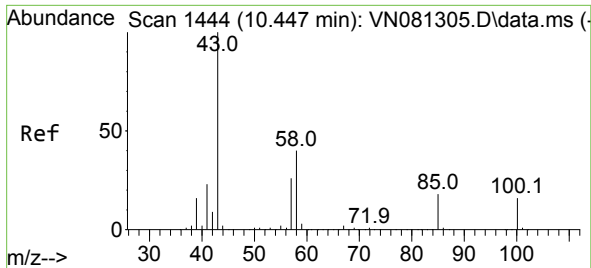
Tgt Ion: 98 Resp: 660140

Ion Ratio Lower Upper

98 100

100 65.3 51.4 77.0

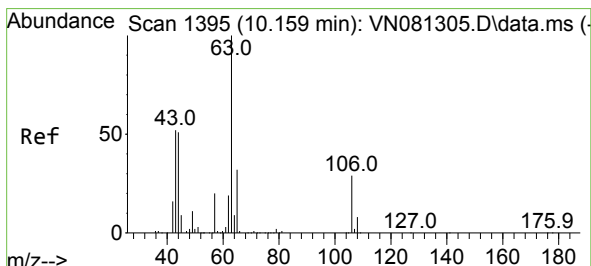
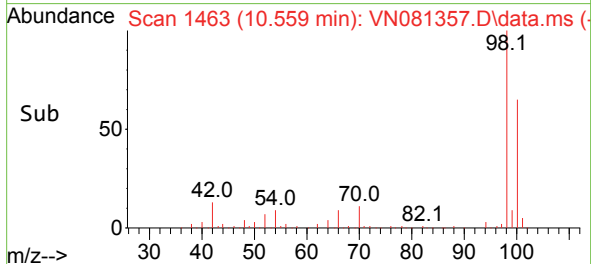
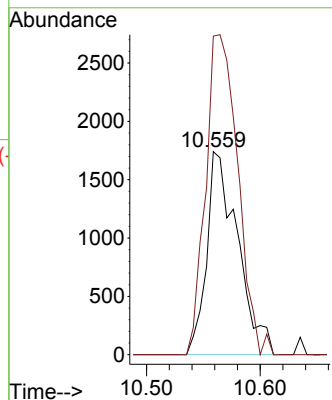
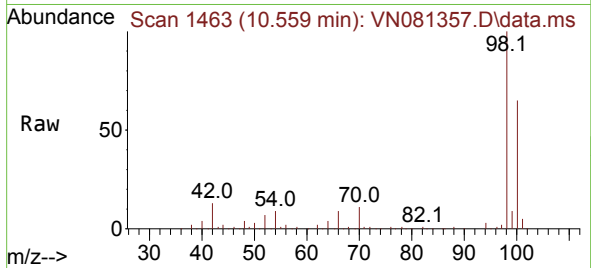




#51
4-Methyl-2-Pentanone
Concen: 0.600 ug/l
RT: 10.559 min Scan# 1444
Delta R.T. 0.112 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

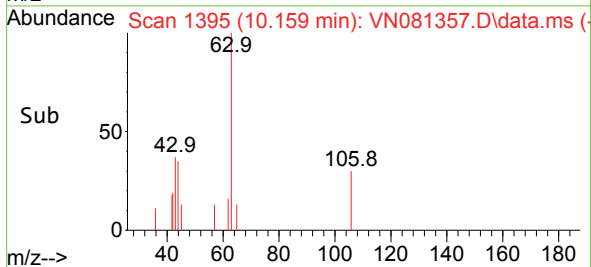
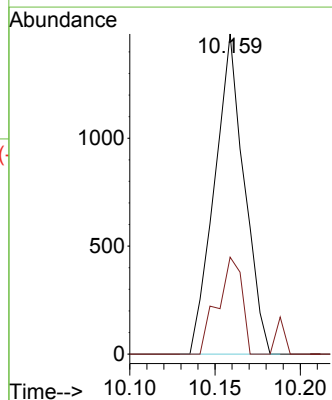
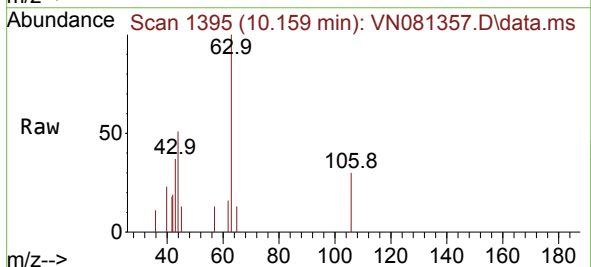
Instrument :
MSVOA_N
ClientSampleId :
3524

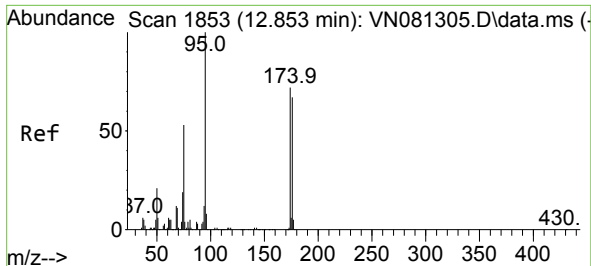
Tgt Ion: 43 Resp: 3287
Ion Ratio Lower Upper
43 100
58 164.1 29.4 44.0#



#58
2-Chloroethyl Vinyl ether
Concen: 0.590 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

Tgt Ion: 63 Resp: 1798
Ion Ratio Lower Upper
63 100
106 24.7 18.6 28.0

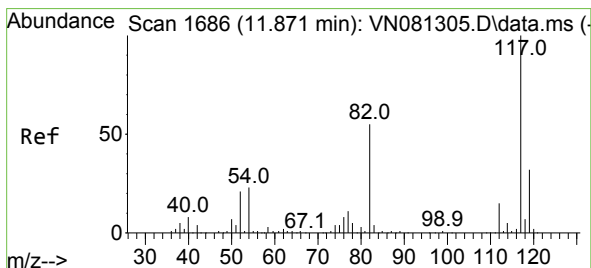
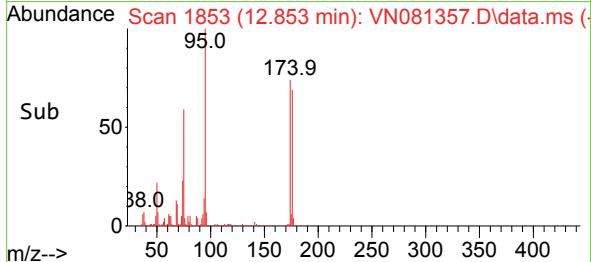
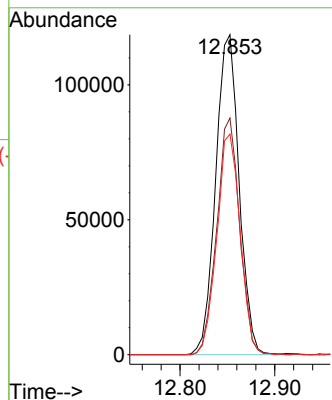
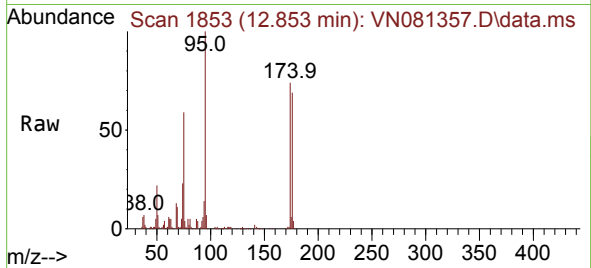




#62
4-Bromofluorobenzene
Concen: 45.215 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

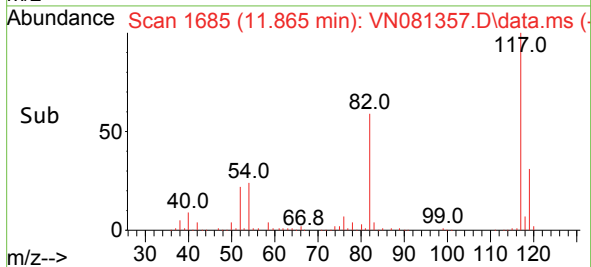
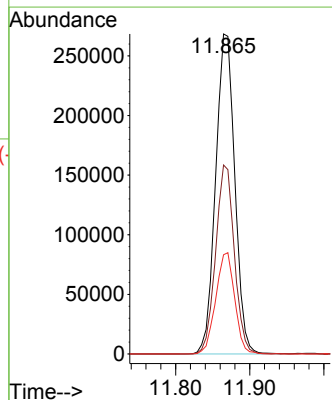
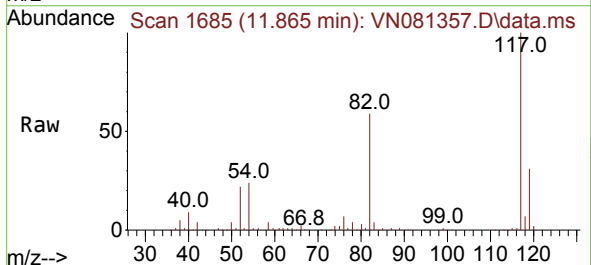
Instrument :
MSVOA_N
ClientSampleId :
3524

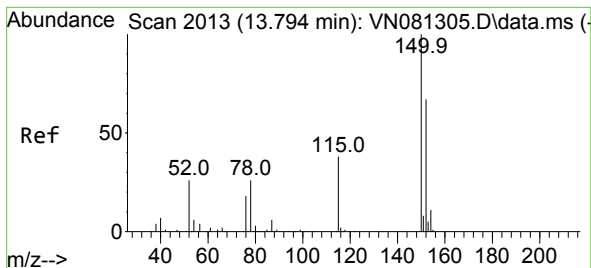
Tgt Ion: 95 Resp: 204305
Ion Ratio Lower Upper
95 100
174 72.1 0.0 120.4
176 68.4 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

Tgt Ion: 117 Resp: 482708
Ion Ratio Lower Upper
117 100
82 59.0 52.7 79.1
119 31.0 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081357.D

Acq: 11 Mar 2024 12:41

Instrument :

MSVOA_N

ClientSampleId :

3524

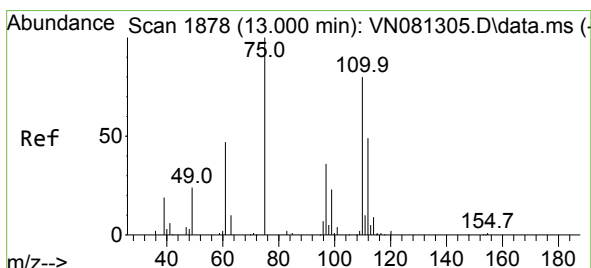
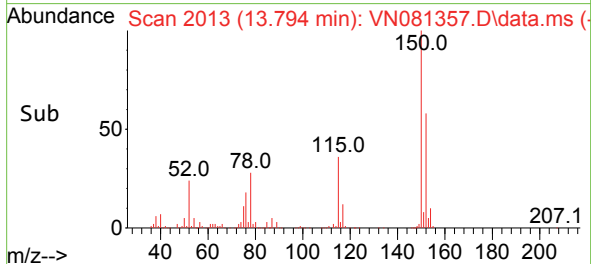
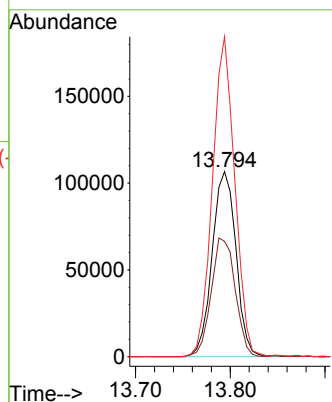
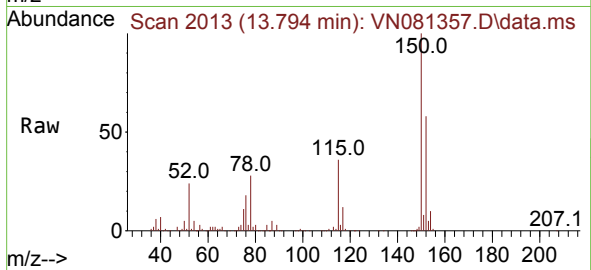
Tgt Ion:152 Resp: 186315

Ion Ratio Lower Upper

152 100

115 64.7 32.3 96.8

150 161.8 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 26.538 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN081357.D

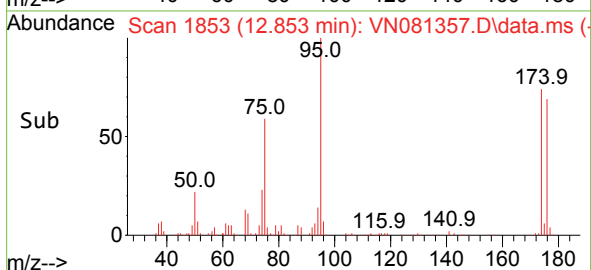
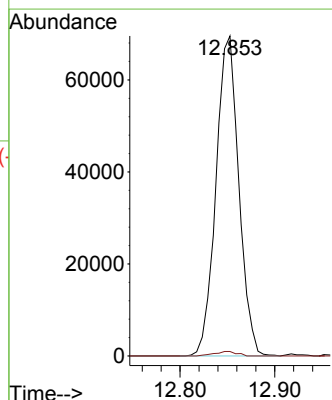
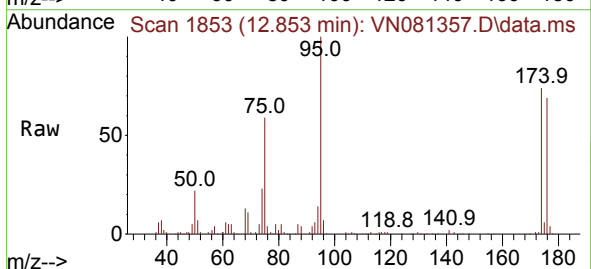
Acq: 11 Mar 2024 12:41

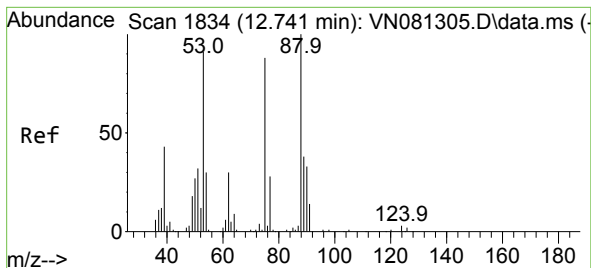
Tgt Ion: 75 Resp: 116787

Ion Ratio Lower Upper

75 100

77 1.4 91.0 272.8#

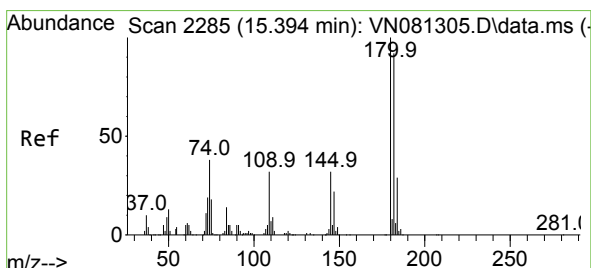
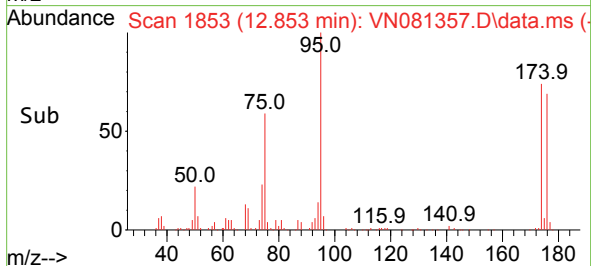
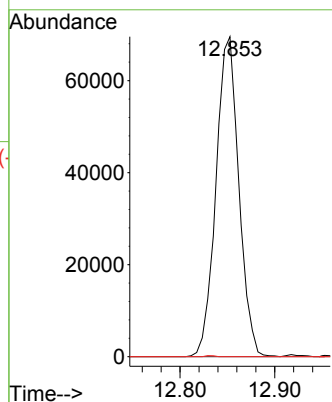
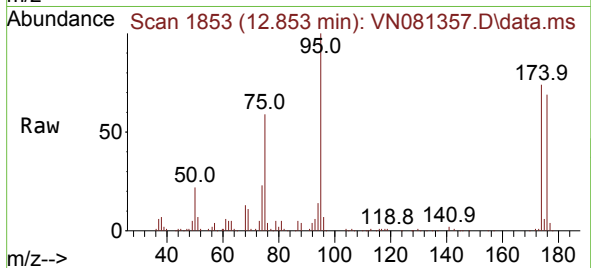




#81
trans-1,4-Dichloro-2-butene
Concen: 74.064 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

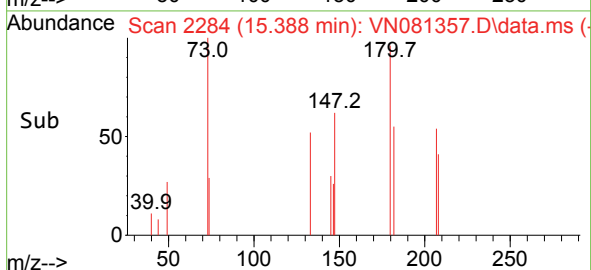
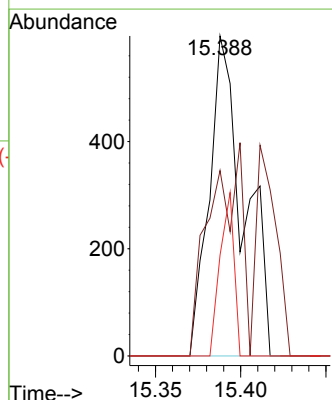
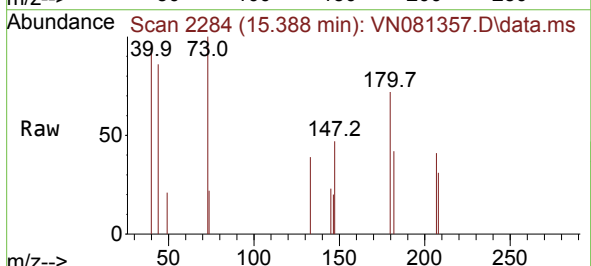
Instrument :
MSVOA_N
ClientSampleId :
3524

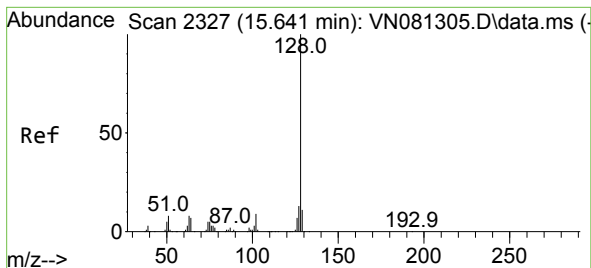
Tgt Ion: 75 Resp: 116787
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.243 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.006 min
Lab File: VN081357.D
Acq: 11 Mar 2024 12:41

Tgt Ion:180 Resp: 839
Ion Ratio Lower Upper
180 100
182 61.4 46.6 139.7
145 20.7 16.8 50.3





#95

Naphthalene

Concen: 0.244 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN081357.D

Acq: 11 Mar 2024 12:41

Instrument :

MSVOA_N

ClientSampleId :

3524

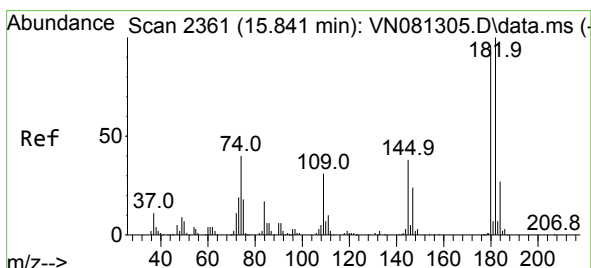
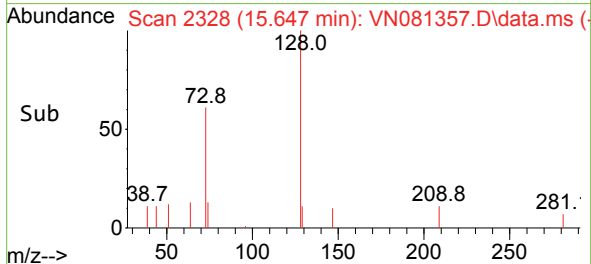
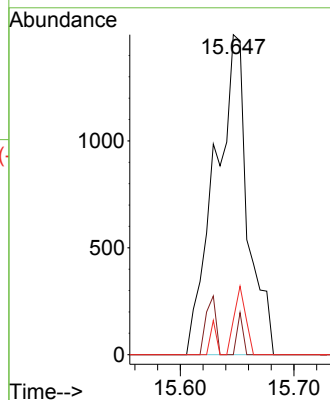
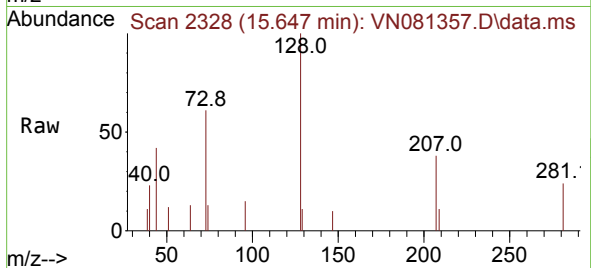
Tgt Ion:128 Resp: 3005

Ion Ratio Lower Upper

128 100

127 2.3 10.0 15.0#

129 7.5 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.253 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081357.D

Acq: 11 Mar 2024 12:41

Tgt Ion:180 Resp: 886

Ion Ratio Lower Upper

180 100

182 103.3 46.5 139.3

145 22.3 17.8 53.4

