

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030824\
 Data File : VN081338.D
 Acq On : 08 Mar 2024 10:53
 Operator : JC\MD
 Sample : VN0308WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0308WBL01

Quant Time: Mar 09 00:54:23 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)

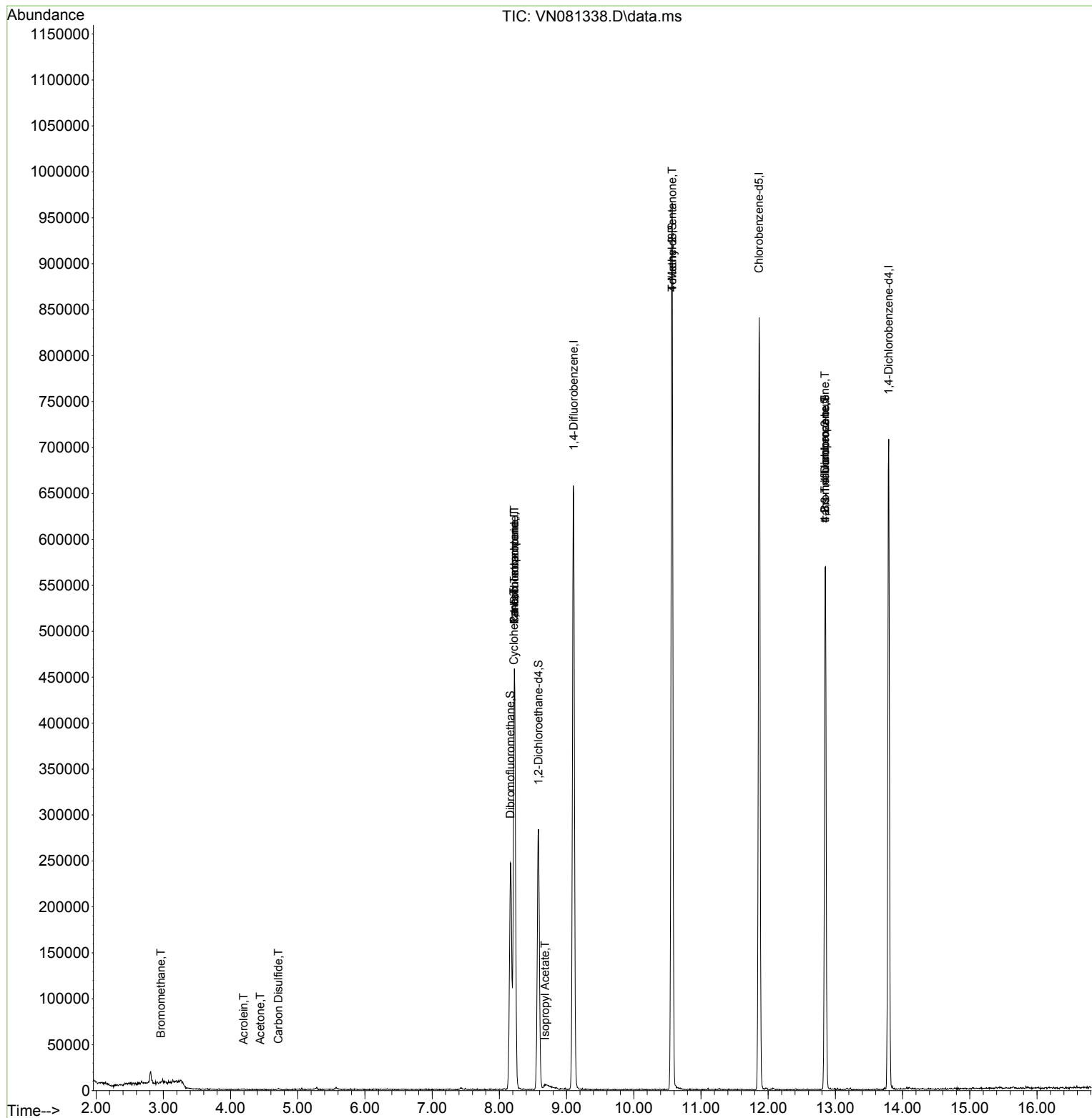
Internal Standards						
1) Pentafluorobenzene	8.224	168	309672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	560816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	474250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	231825	51.775	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.560%			
35) Dibromofluoromethane	8.165	113	179812	52.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.660%			
50) Toluene-d8	10.571	98	661265	51.483	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.960%			
62) 4-Bromofluorobenzene	12.847	95	197616	43.531	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 87.060%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.965	94	737	0.239	ug/l #	71
13) Acrolein	4.195	56	747	0.806	ug/l #	15
16) Acetone	4.442	43	598	0.377	ug/l #	44
17) Carbon Disulfide	4.712	76	2238	0.217	ug/l #	78
20) Methylene Chloride	5.283	84	513	Below Cal	#	75
31) Cyclohexane	8.218	56	8519	1.257	ug/l #	19
36) 1,1-Dichloropropene	8.224	75	28455	5.133	ug/l #	51
38) Carbon Tetrachloride	8.224	117	35596	6.380	ug/l #	18
43) Isopropyl Acetate	8.683	43	2853	0.301	ug/l #	65
51) 4-Methyl-2-Pentanone	10.571	43	3360	0.610	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	109859	26.330	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	109859	73.484	ug/l #	14

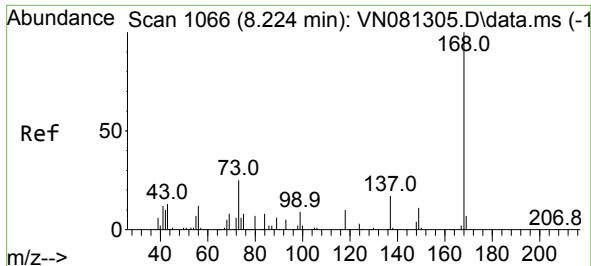
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

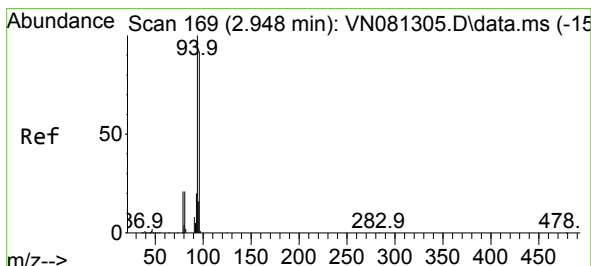
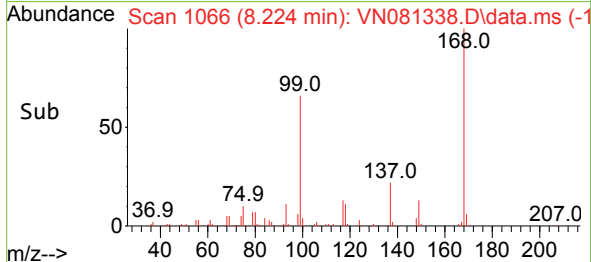
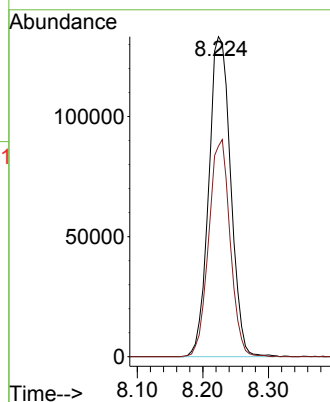
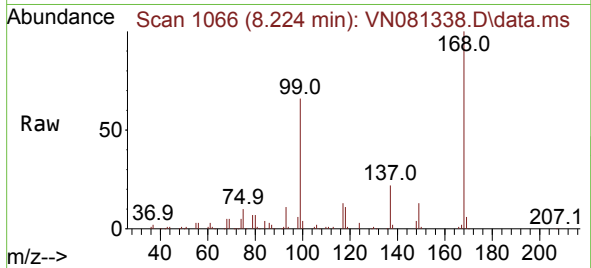




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

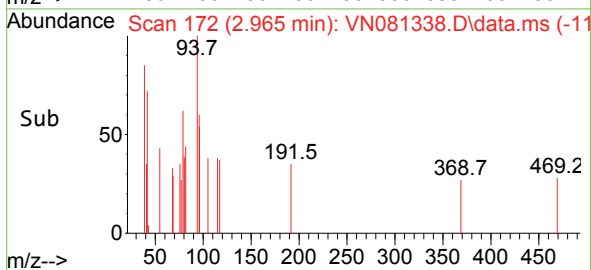
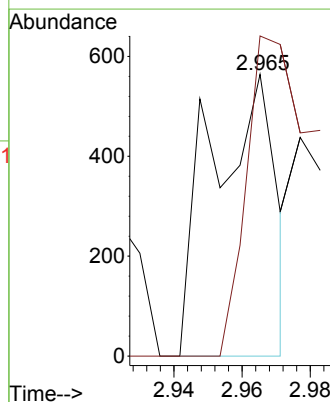
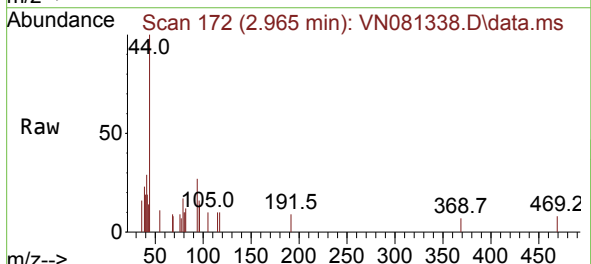
Instrument :
MSVOA_N
ClientSampleId :
VN0308WBL01

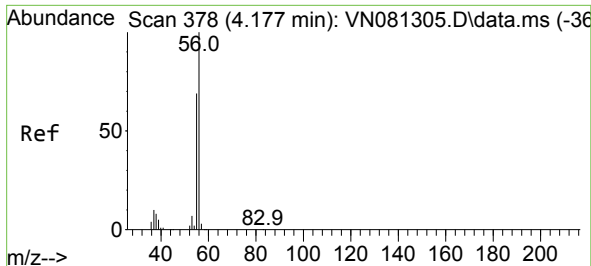
Tgt Ion:168 Resp: 309672
Ion Ratio Lower Upper
168 100
99 65.8 59.9 89.9



#5
Bromomethane
Concen: 0.239 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.018 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

Tgt Ion: 94 Resp: 737
Ion Ratio Lower Upper
94 100
96 113.7 69.2 103.8#

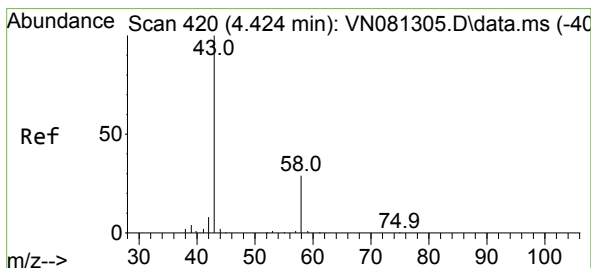
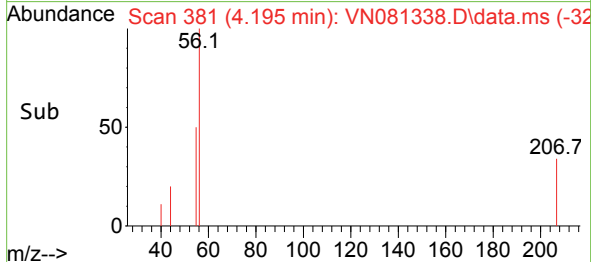
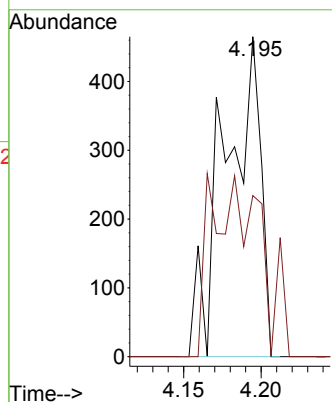
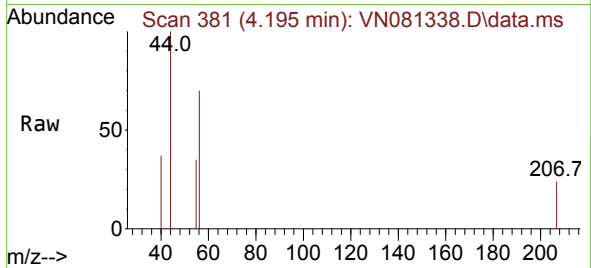




#13
Acrolein
Concen: 0.806 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

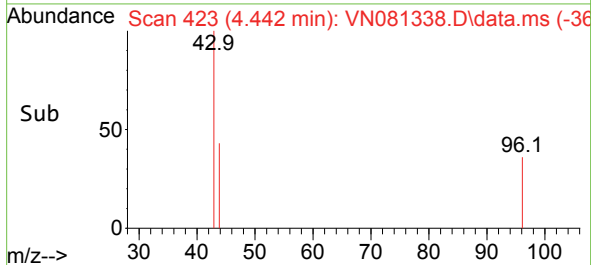
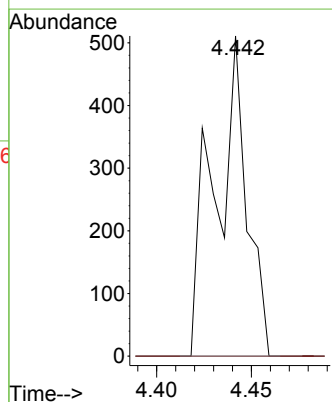
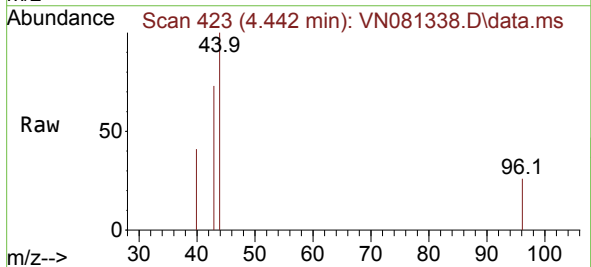
Instrument :
MSVOA_N
ClientSampleId :
VN0308WBL01

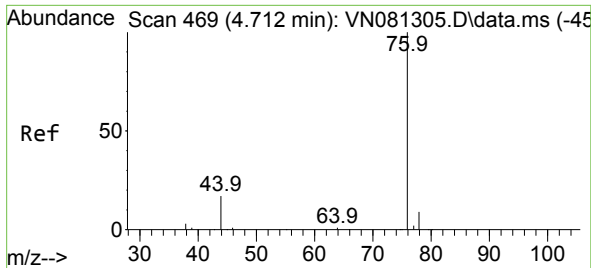
Tgt Ion: 56 Resp: 747
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



#16
Acetone
Concen: 0.377 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

Tgt Ion: 43 Resp: 598
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#

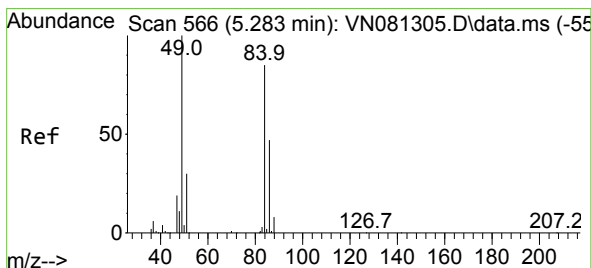
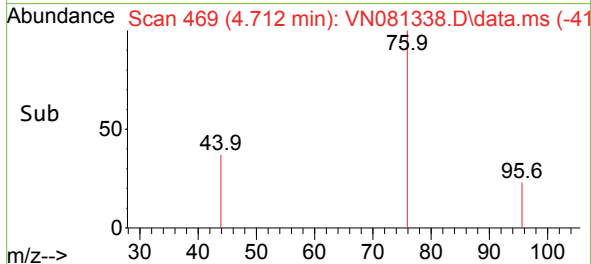
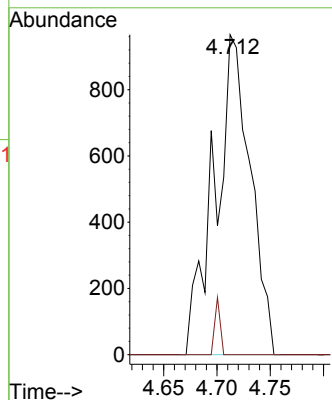
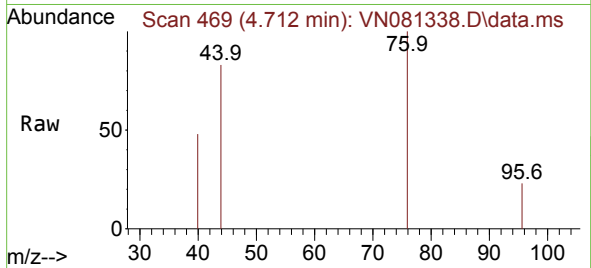




#17
Carbon Disulfide
Concen: 0.217 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

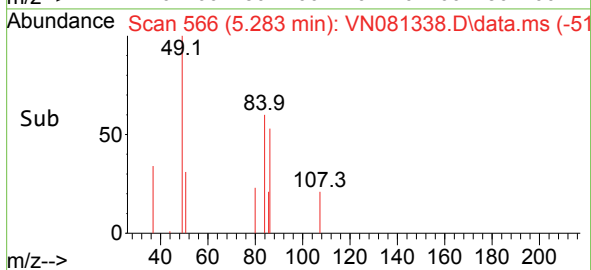
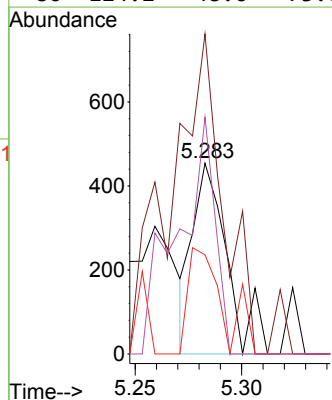
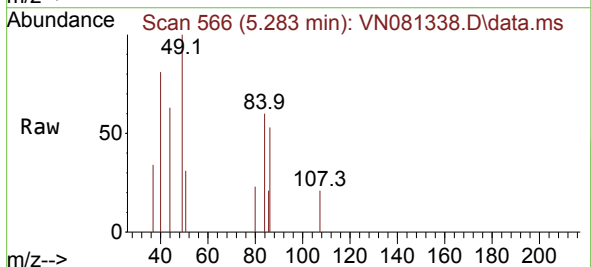
Instrument :
MSVOA_N
ClientSampleId :
VN0308WBL01

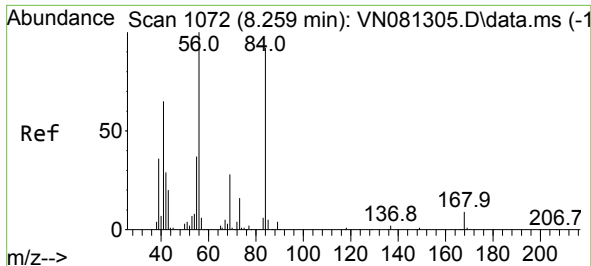
Tgt Ion: 76 Resp: 2238
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

Tgt Ion: 84 Resp: 513
Ion Ratio Lower Upper
84 100
49 134.1 108.1 162.1
51 52.0 32.9 49.3#
86 124.2 48.6 73.0#

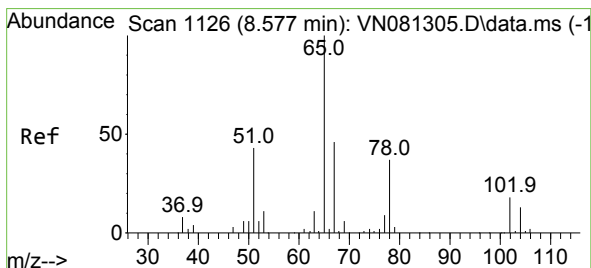
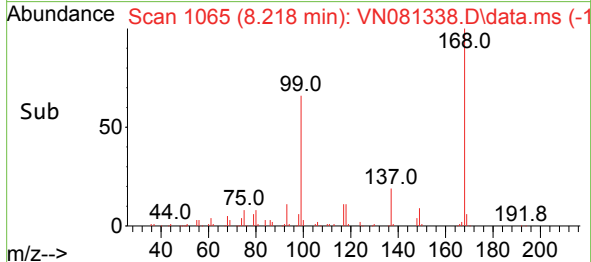
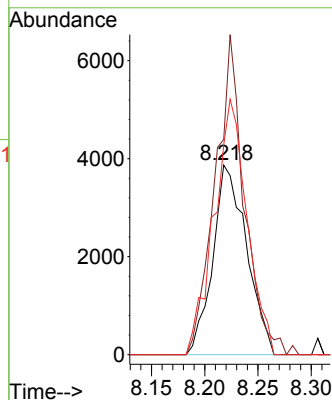
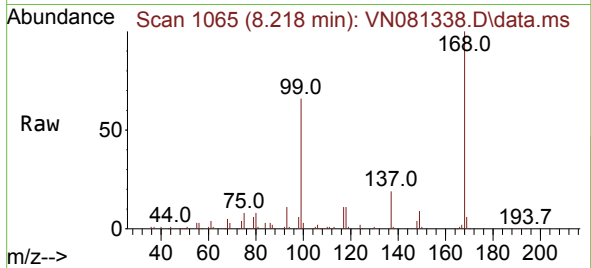




#31
Cyclohexane
Concen: 1.257 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

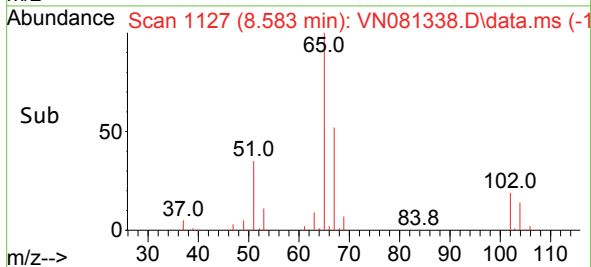
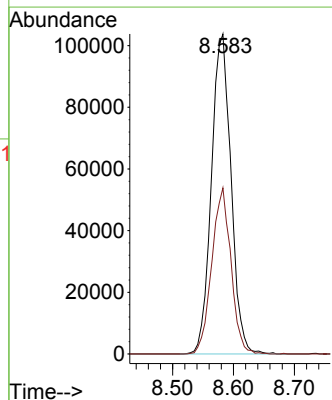
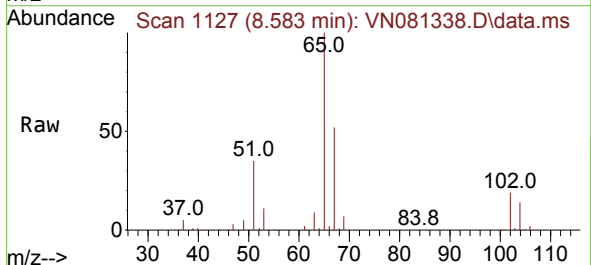
Instrument :
MSVOA_N
ClientSampleId :
VN0308WBL01

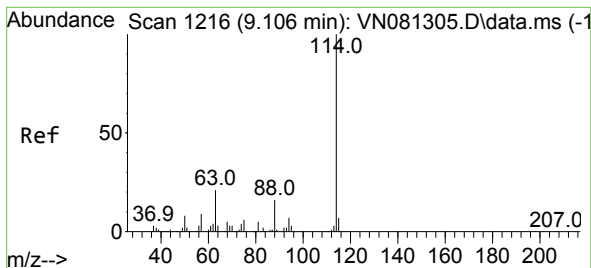
Tgt Ion: 56 Resp: 8519
Ion Ratio Lower Upper
56 100
69 113.5 20.1 30.1#
84 110.7 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 51.775 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

Tgt Ion: 65 Resp: 231825
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081338.D

Acq: 08 Mar 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

VN0308WBL01

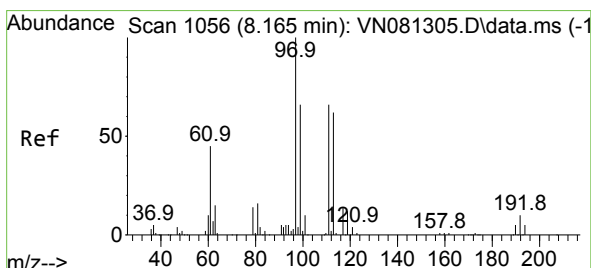
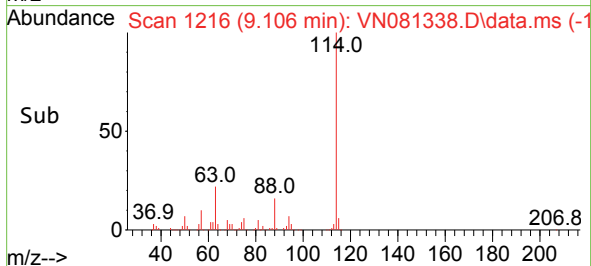
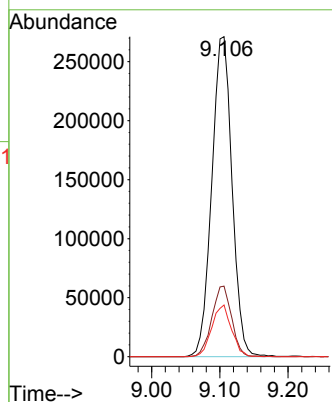
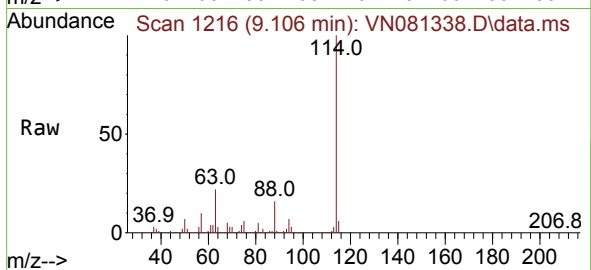
Tgt Ion:114 Resp: 560816

Ion Ratio Lower Upper

114 100

63 22.1 0.0 48.0

88 16.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.333 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081338.D

Acq: 08 Mar 2024 10:53

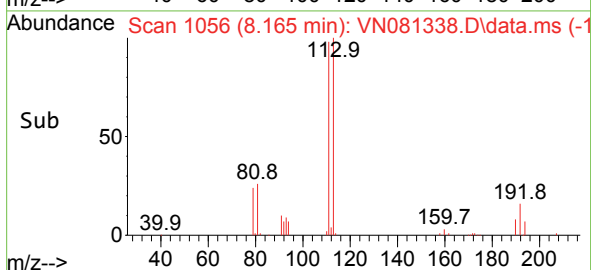
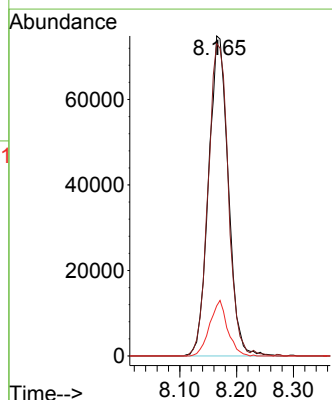
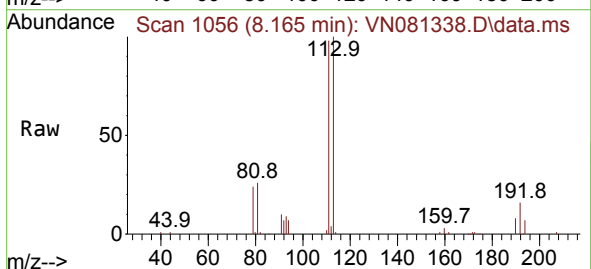
Tgt Ion:113 Resp: 179812

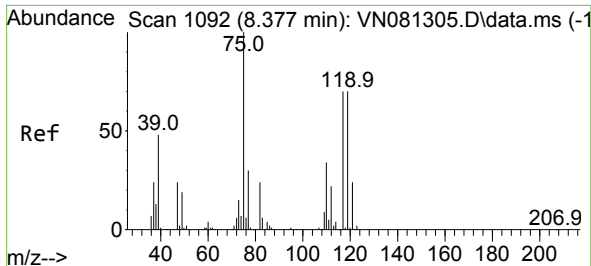
Ion Ratio Lower Upper

113 100

111 99.7 82.2 123.4

192 15.8 12.5 18.7

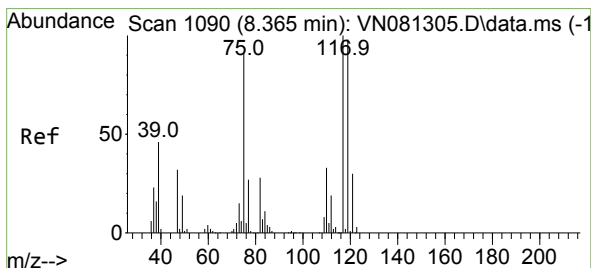
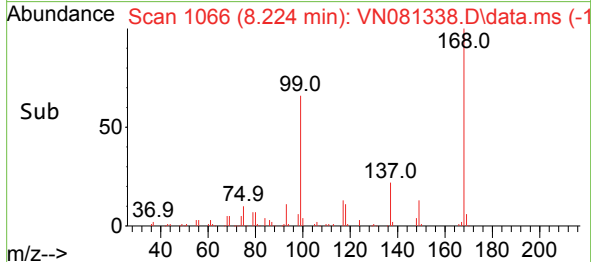
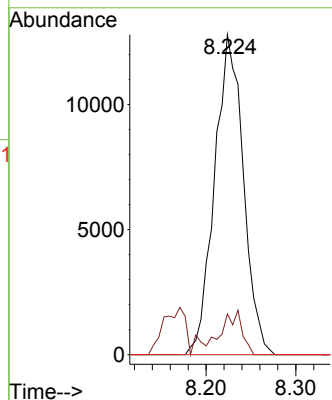
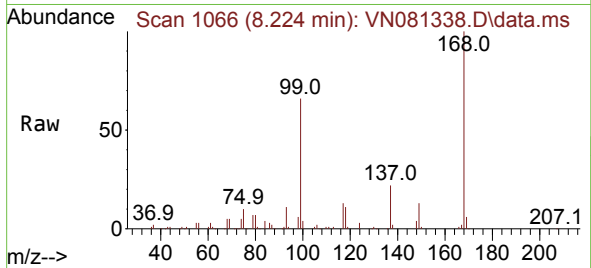




#36
1,1-Dichloropropene
Concen: 5.133 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

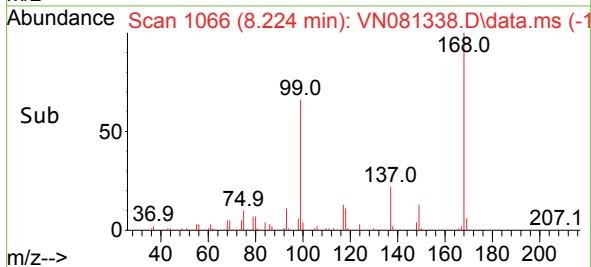
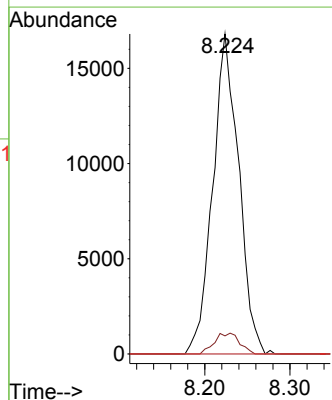
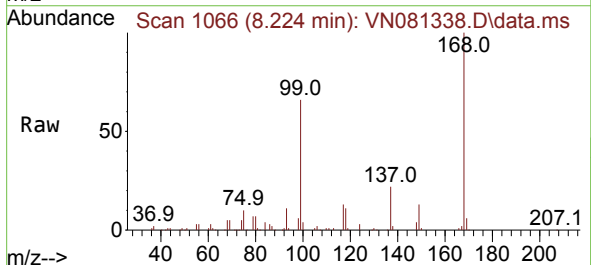
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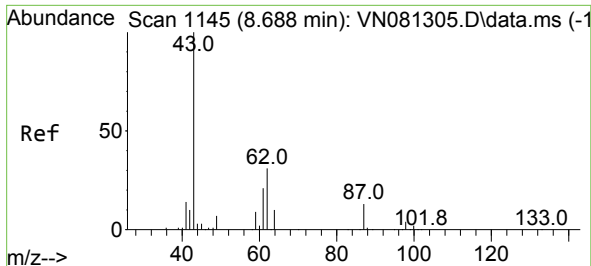
Tgt Ion: 75 Resp: 28455
Ion Ratio Lower Upper
75 100
110 9.7 16.0 48.0#
77 0.0 25.8 38.6#



#38
Carbon Tetrachloride
Concen: 6.380 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

Tgt Ion: 117 Resp: 35596
Ion Ratio Lower Upper
117 100
119 5.7 73.4 110.2#
121 0.0 24.4 36.6#

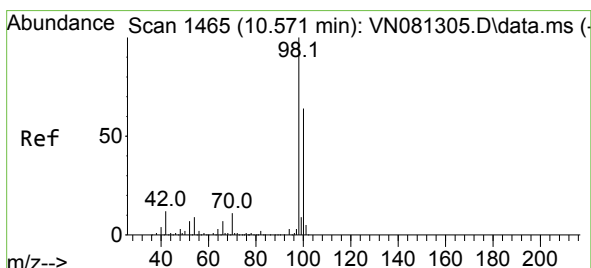
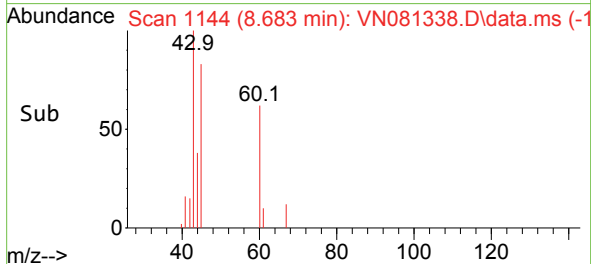
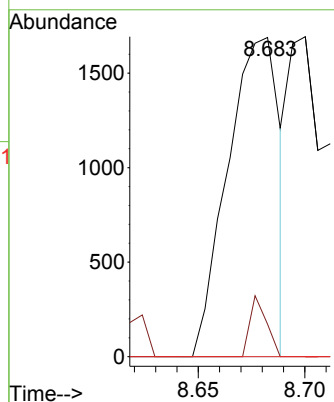
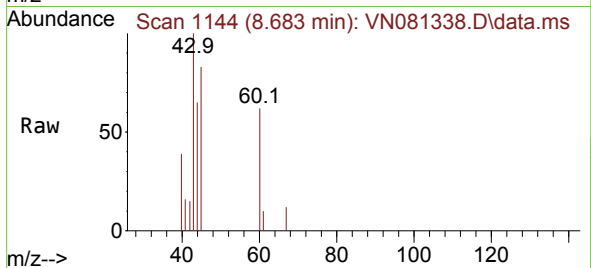




#43
Isopropyl Acetate
Concen: 0.301 ug/l
RT: 8.683 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

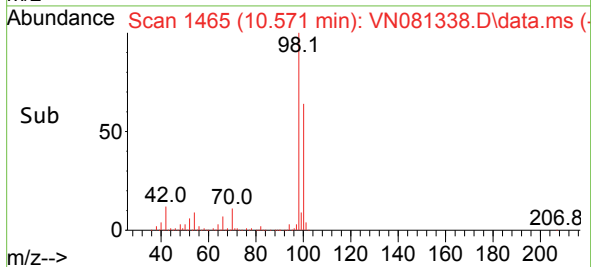
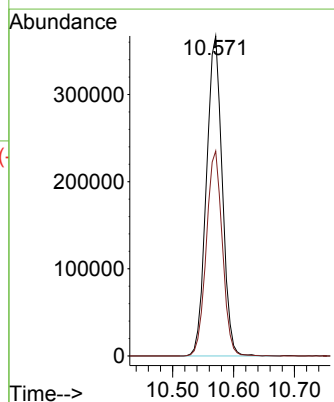
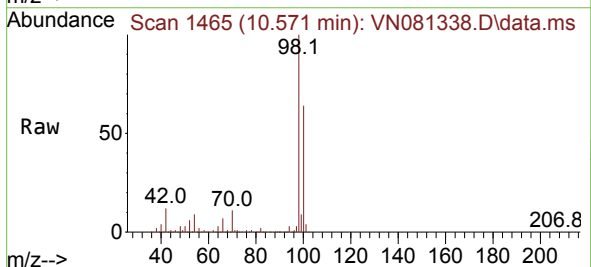
Instrument :
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VN0308WBL01

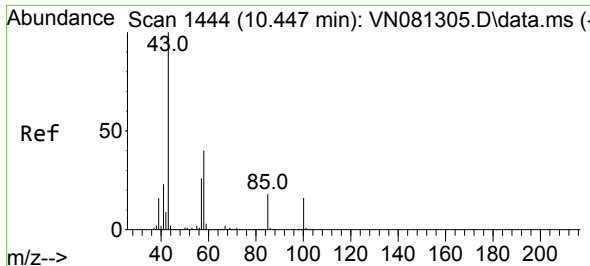
Tgt Ion: 43 Resp: 2853
Ion Ratio Lower Upper
43 100
61 6.1 19.9 29.9#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 51.483 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

Tgt Ion: 98 Resp: 661265
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0

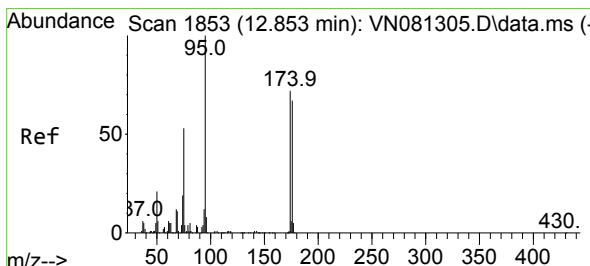
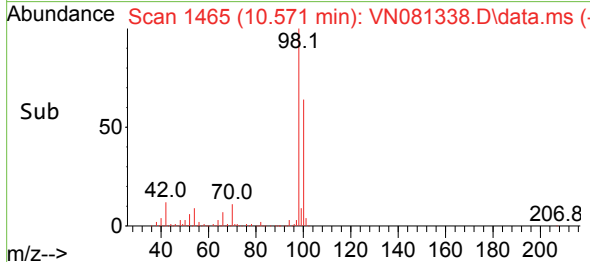
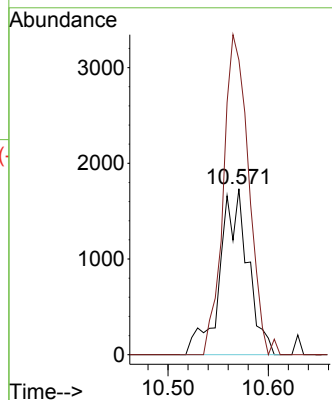
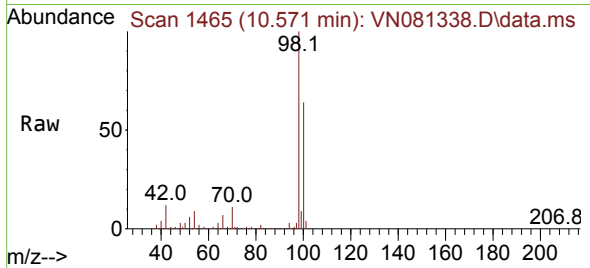




#51
 4-Methyl-2-Pentanone
 Concen: 0.610 ug/l
 RT: 10.571 min Scan# 1444
 Delta R.T. 0.124 min
 Lab File: VN081338.D
 Acq: 08 Mar 2024 10:53

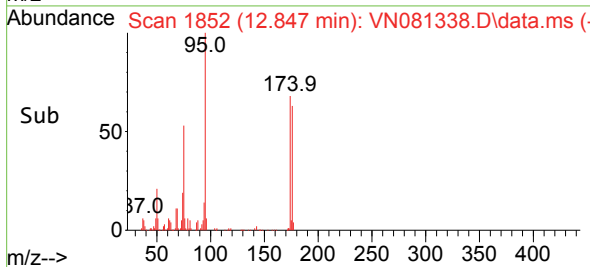
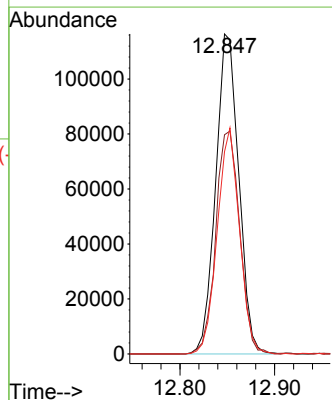
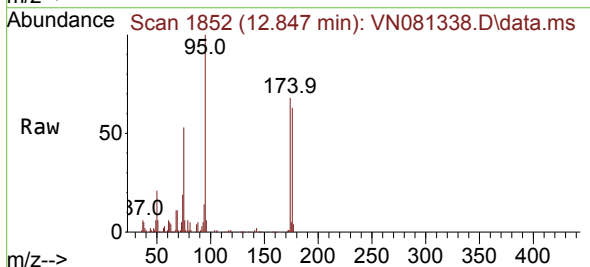
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0308WBL01

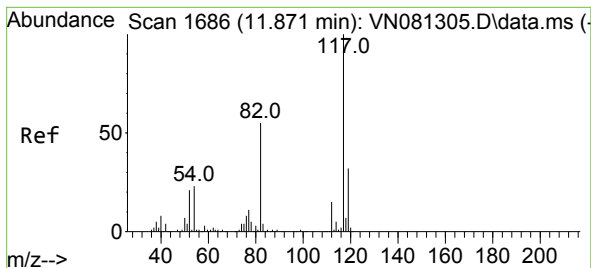
Tgt Ion: 43 Resp: 3360
 Ion Ratio Lower Upper
 43 100
 58 174.5 29.4 44.0#



#62
 4-Bromofluorobenzene
 Concen: 43.531 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: VN081338.D
 Acq: 08 Mar 2024 10:53

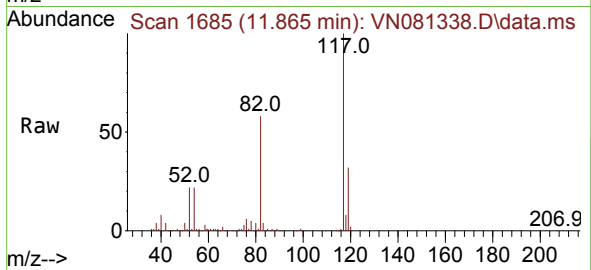
Tgt Ion: 95 Resp: 197616
 Ion Ratio Lower Upper
 95 100
 174 72.2 0.0 120.4
 176 67.8 0.0 121.0



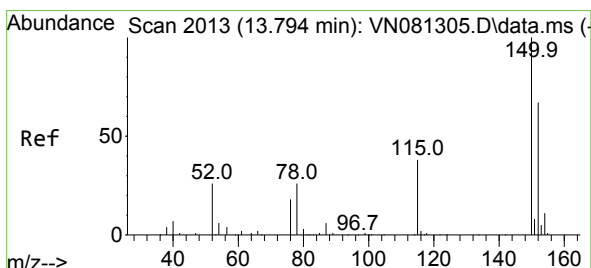
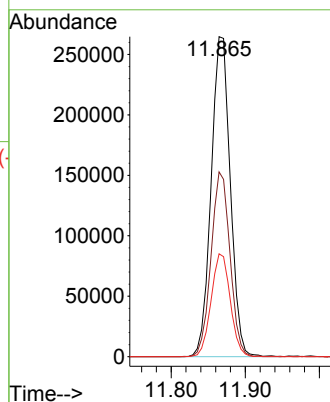
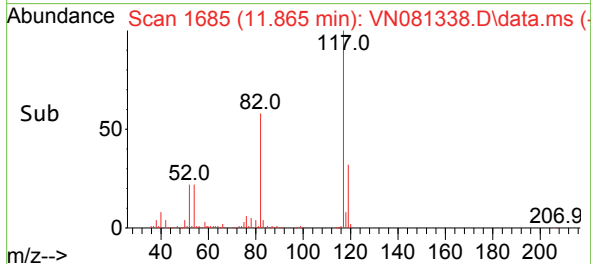


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

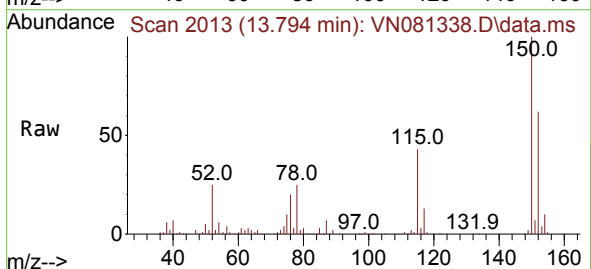
Instrument :
MSVOA_N
ClientSampleId :
VN0308WBL01



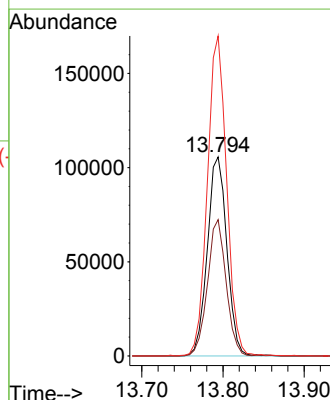
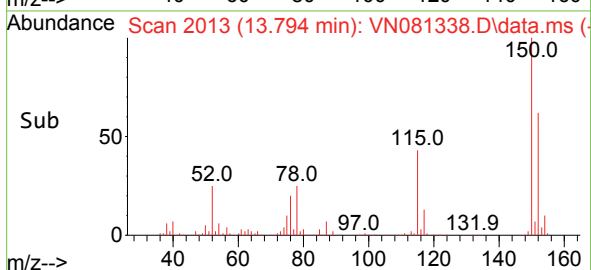
Tgt Ion:117 Resp: 474250
Ion Ratio Lower Upper
117 100
82 57.8 52.7 79.1
119 32.1 25.3 37.9

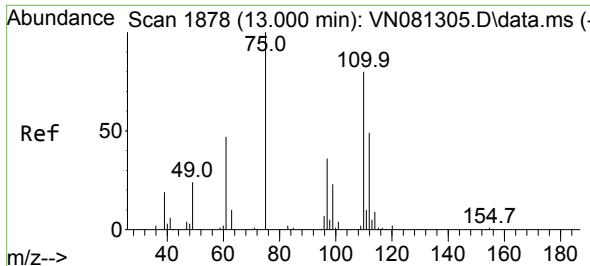


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53



Tgt Ion:152 Resp: 176645
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 158.1 0.0 339.8

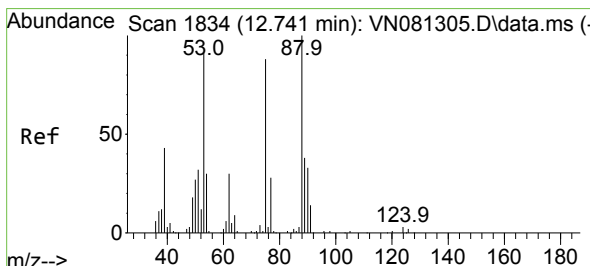
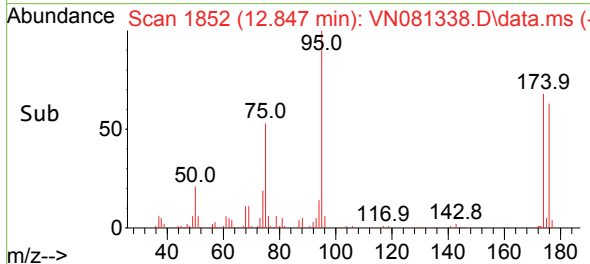
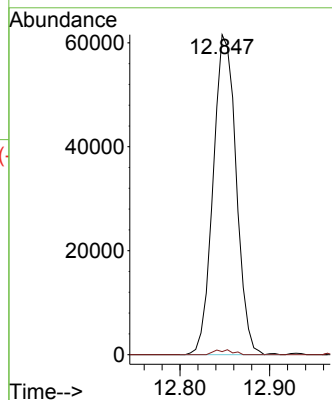
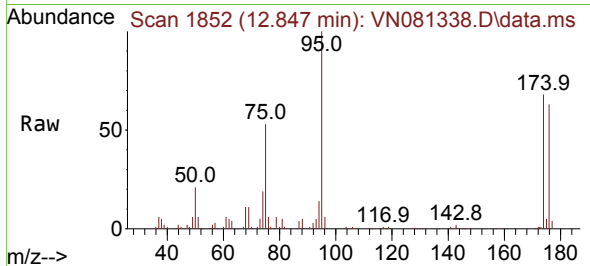




#76
1,2,3-Trichloropropane
Concen: 26.330 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.153 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0308WBL01

Tgt Ion: 75 Resp: 109859
Ion Ratio Lower Upper
75 100
77 1.2 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.484 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081338.D
Acq: 08 Mar 2024 10:53

Tgt Ion: 75 Resp: 109859
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

