

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081428.D
 Acq On : 15 Mar 2024 16:29
 Operator : JC\MD
 Sample : VN0315WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBL01

Quant Time: Mar 15 23:34:31 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)

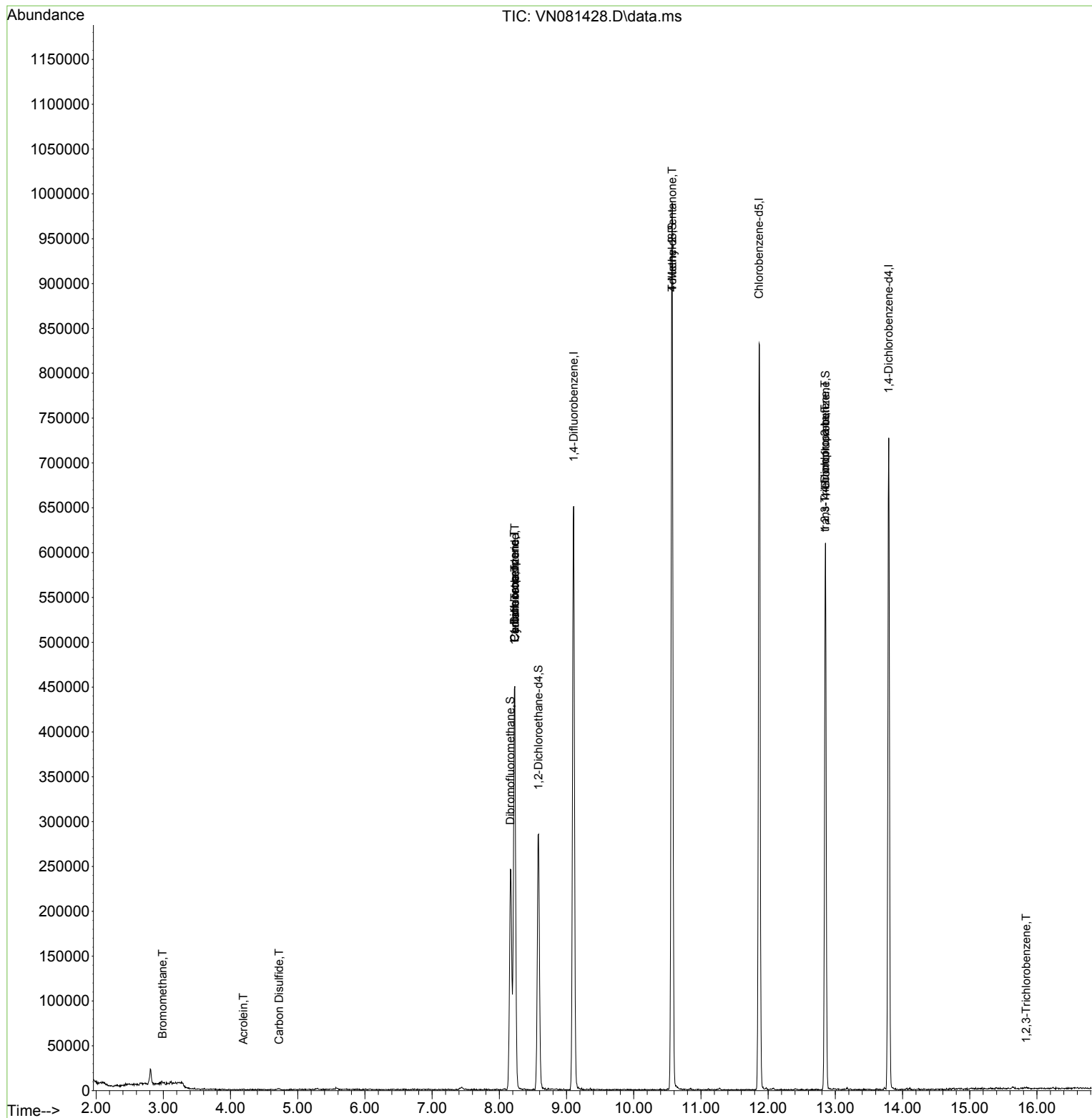
Internal Standards						
1) Pentafluorobenzene	8.230	168	300299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	542515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	475000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	229474	52.850	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.700%	
35) Dibromofluoromethane	8.165	113	175566	52.821	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.640%	
50) Toluene-d8	10.571	98	650021	52.315	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.620%	
62) 4-Bromofluorobenzene	12.853	95	203509	46.341	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 92.680%	
Target Compounds						Qvalue
5) Bromomethane	2.989	94	1604	0.535	ug/l #	59
13) Acrolein	4.189	56	303	0.337	ug/l	89
17) Carbon Disulfide	4.724	76	2558	0.256	ug/l #	78
20) Methylene Chloride	5.277	84	429	Below Cal	#	15
31) Cyclohexane	8.230	56	8605	1.309	ug/l #	22
36) 1,1-Dichloropropene	8.224	75	28465	5.308	ug/l #	49
38) Carbon Tetrachloride	8.230	117	35225	6.527	ug/l #	17
51) 4-Methyl-2-Pentanone	10.571	43	3685	0.692	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	116560	27.204	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	116560	75.921	ug/l #	14
96) 1,2,3-Trichlorobenzene	15.841	180	728	0.213	ug/l #	40

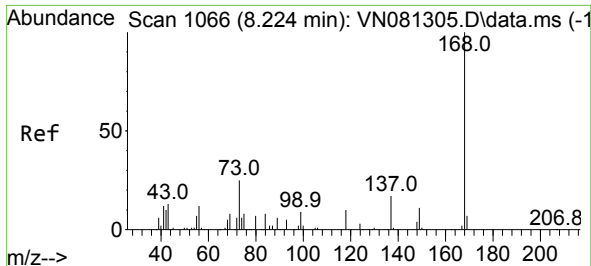
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

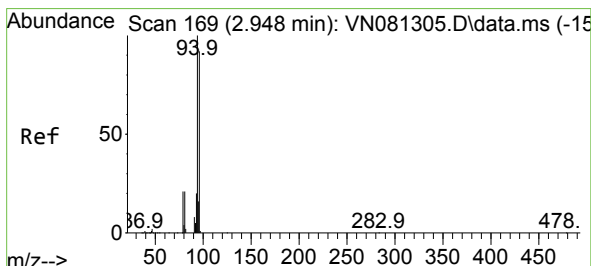
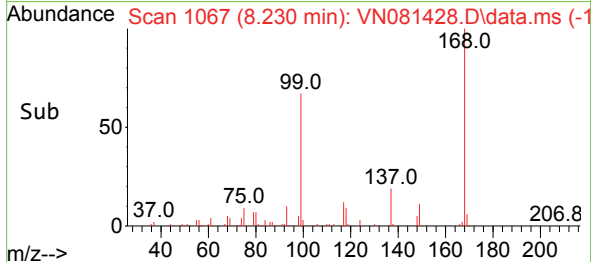
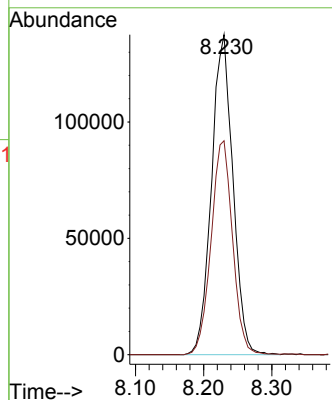
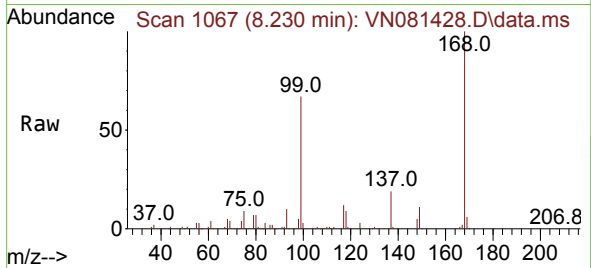




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081428.D
Acq: 15 Mar 2024 16:29

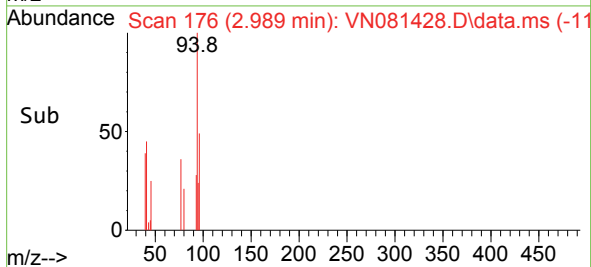
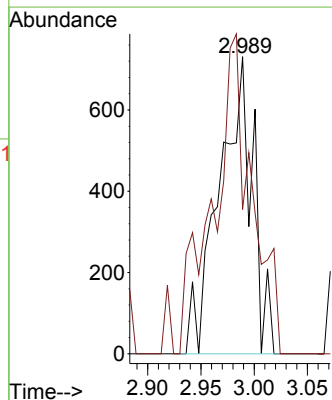
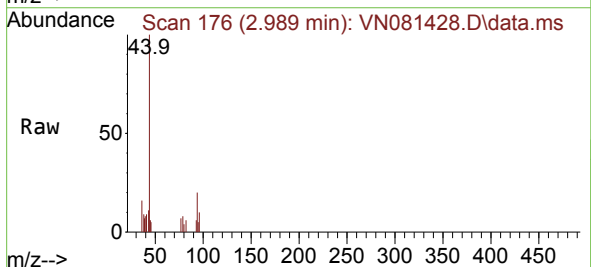
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBL01

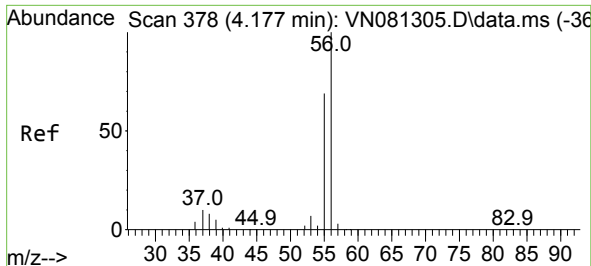
Tgt Ion:168 Resp: 300299
Ion Ratio Lower Upper
168 100
99 66.9 59.9 89.9



#5
Bromomethane
Concen: 0.535 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.041 min
Lab File: VN081428.D
Acq: 15 Mar 2024 16:29

Tgt Ion: 94 Resp: 1604
Ion Ratio Lower Upper
94 100
96 48.6 69.2 103.8#

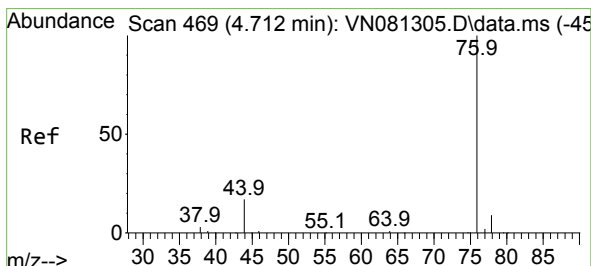
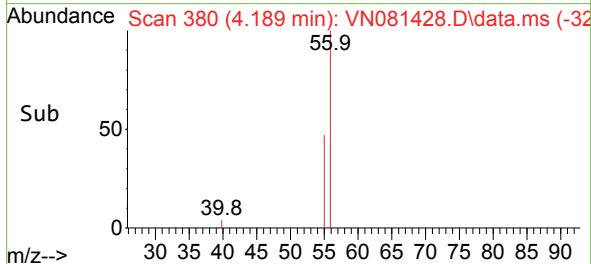
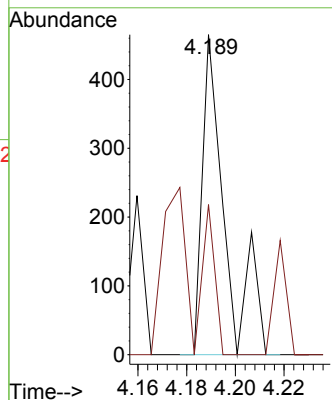
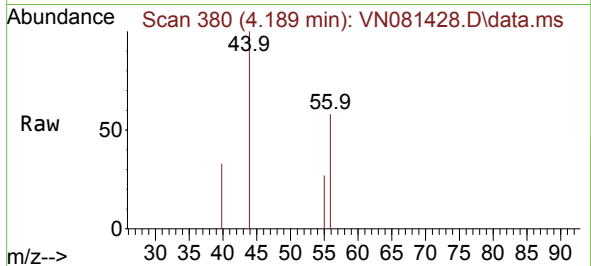




#13
Acrolein
Concen: 0.337 ug/l
RT: 4.189 min Scan# 303
Delta R.T. 0.012 min
Lab File: VN081428.D
Acq: 15 Mar 2024 16:29

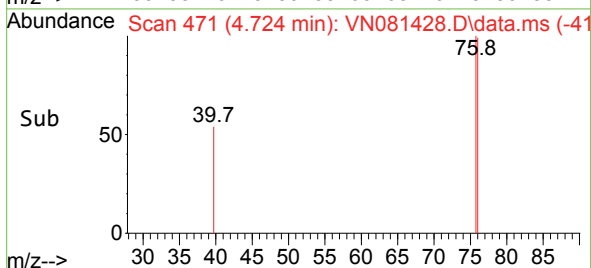
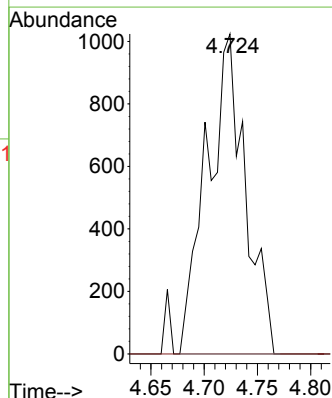
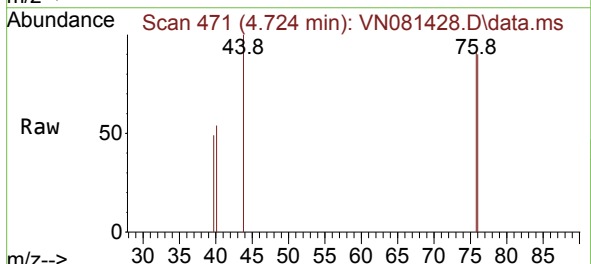
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBL01

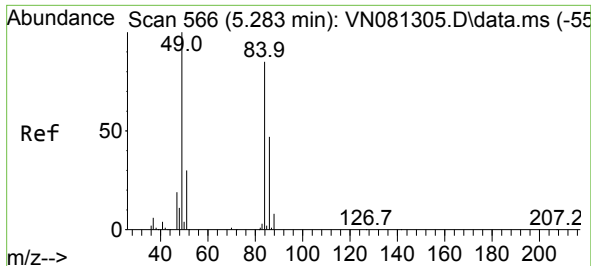
Tgt Ion: 56 Resp: 303
Ion Ratio Lower Upper
56 100
55 77.9 55.3 82.9



#17
Carbon Disulfide
Concen: 0.256 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN081428.D
Acq: 15 Mar 2024 16:29

Tgt Ion: 76 Resp: 2558
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.277 min Scan# 5

Delta R.T. -0.006 min

Lab File: VN081428.D

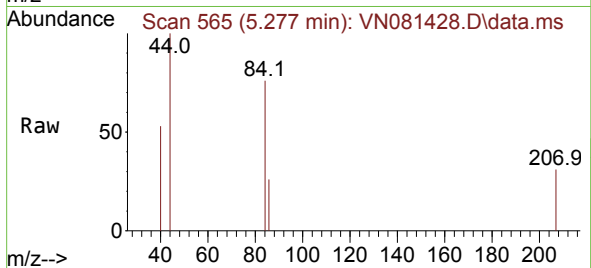
Acq: 15 Mar 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBL01



Tgt Ion: 84 Resp: 429

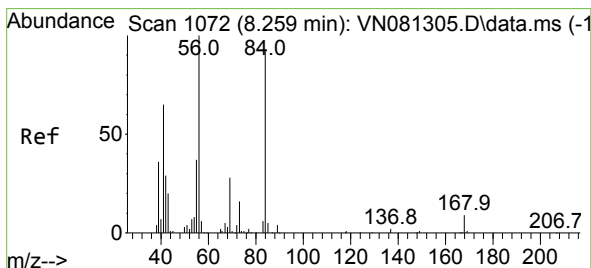
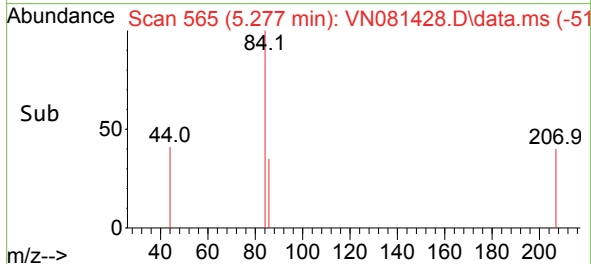
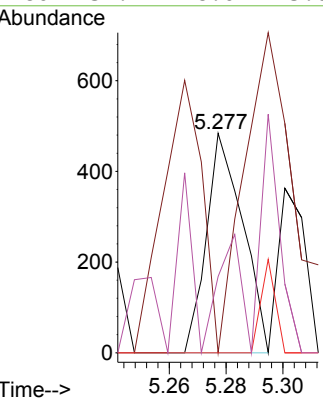
Ion Ratio Lower Upper

84 100

49 0.0 108.1 162.1#

51 0.0 32.9 49.3#

86 34.7 48.6 73.0#



#31

Cyclohexane

Concen: 1.309 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN081428.D

Acq: 15 Mar 2024 16:29

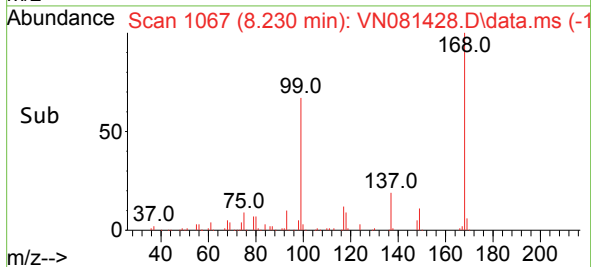
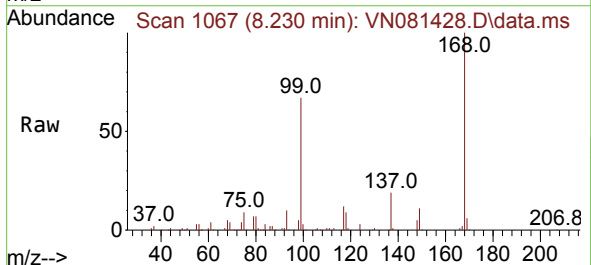
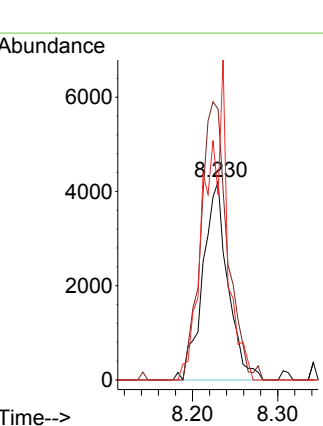
Tgt Ion: 56 Resp: 8605

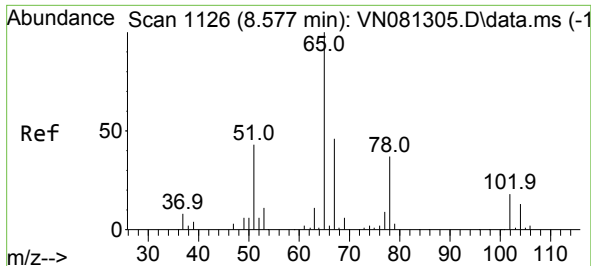
Ion Ratio Lower Upper

56 100

69 136.5 20.1 30.1#

84 93.3 56.9 85.3#

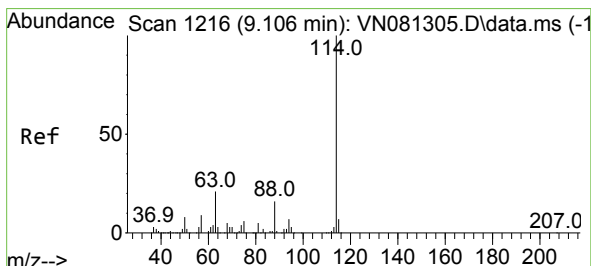
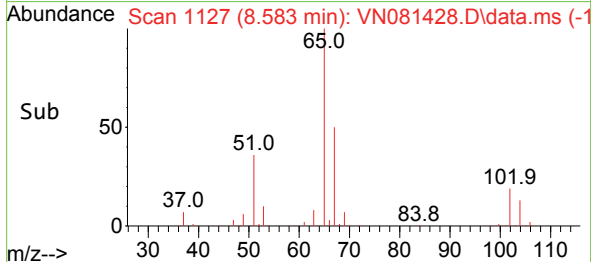
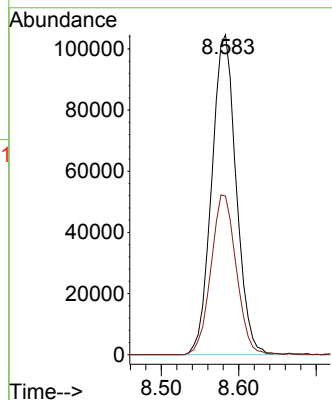
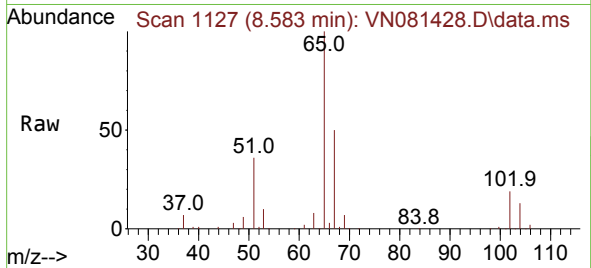




#33
 1,2-Dichloroethane-d4
 Concen: 52.850 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN081428.D
 Acq: 15 Mar 2024 16:29

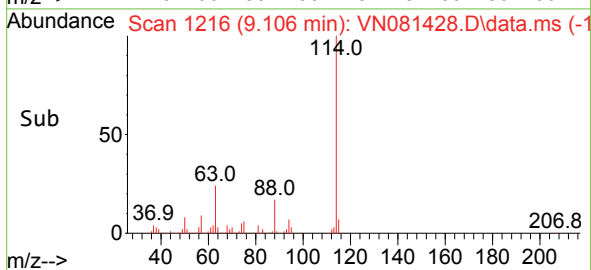
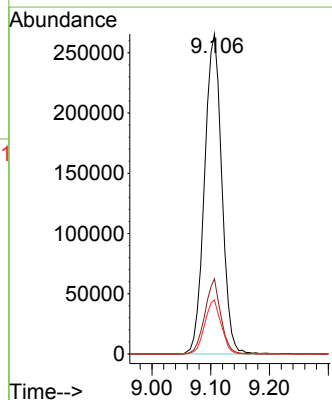
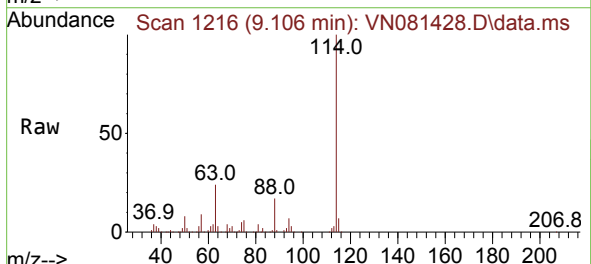
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBL01

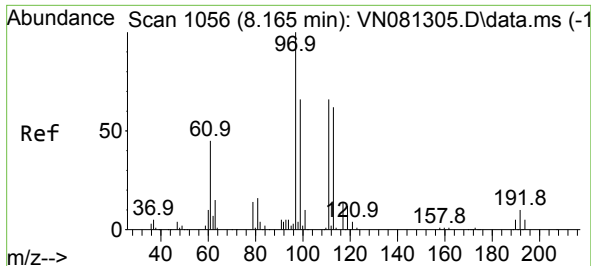
Tgt Ion: 65 Resp: 229474
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN081428.D
 Acq: 15 Mar 2024 16:29

Tgt Ion: 114 Resp: 542515
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 48.0
 88 16.9 0.0 34.8

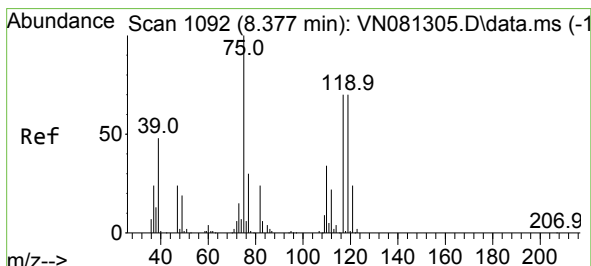
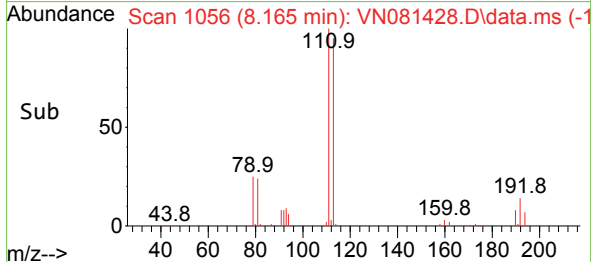
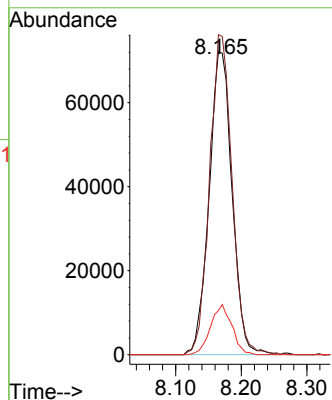
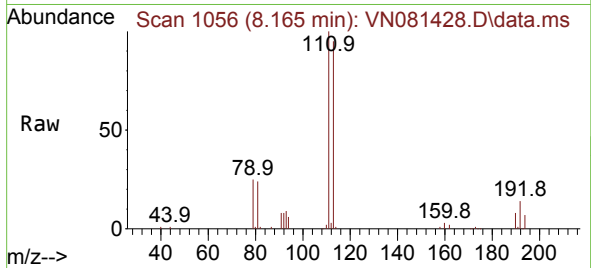




#35
Dibromofluoromethane
Concen: 52.821 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081428.D
Acq: 15 Mar 2024 16:29

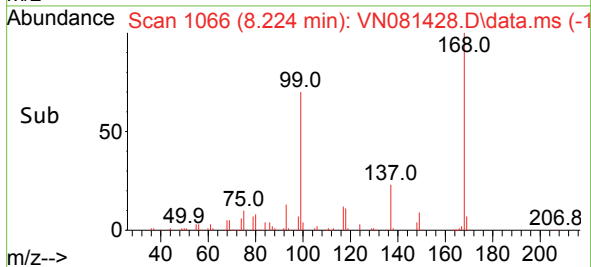
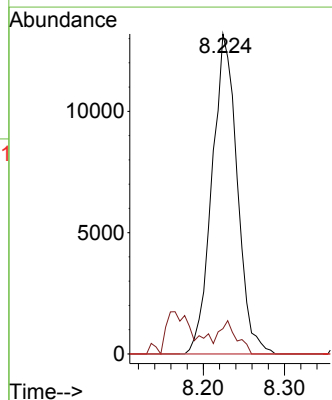
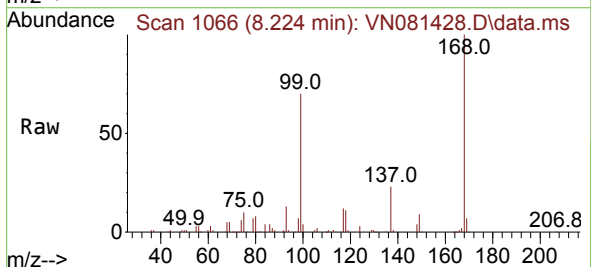
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBL01

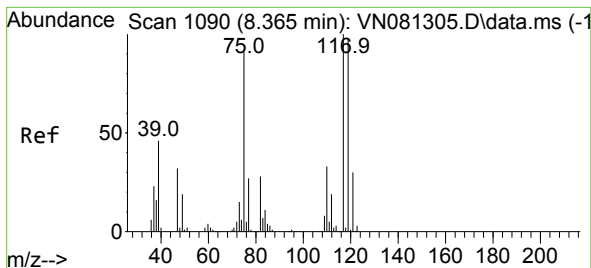
Tgt Ion:113 Resp: 175566
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 15.3 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.308 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN081428.D
Acq: 15 Mar 2024 16:29

Tgt Ion: 75 Resp: 28465
Ion Ratio Lower Upper
75 100
110 7.1 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.527 ug/l

RT: 8.230 min Scan# 1090

Delta R.T. -0.135 min

Lab File: VN081428.D

Acq: 15 Mar 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBL01

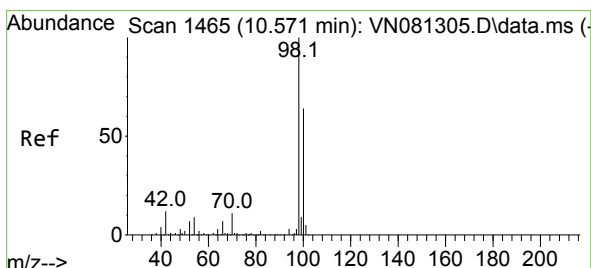
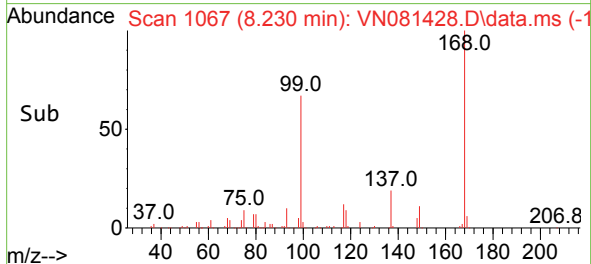
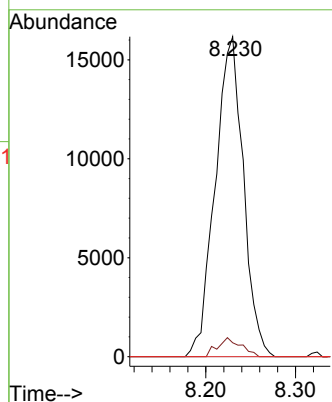
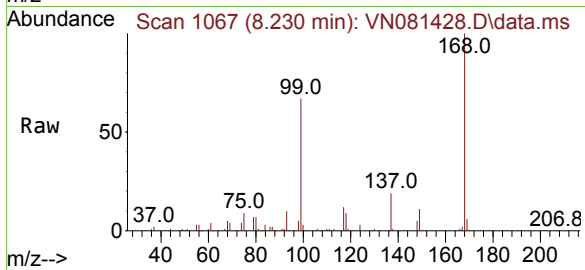
Tgt Ion:117 Resp: 35225

Ion Ratio Lower Upper

117 100

119 4.4 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 52.315 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081428.D

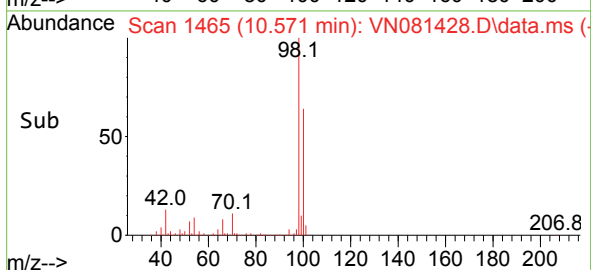
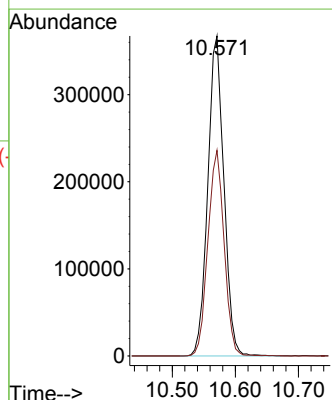
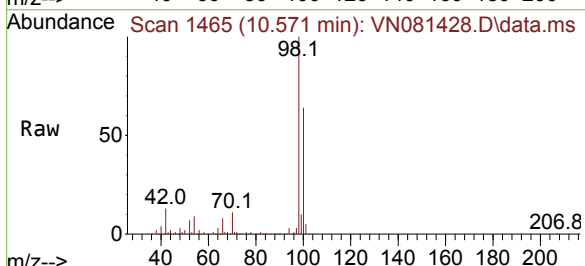
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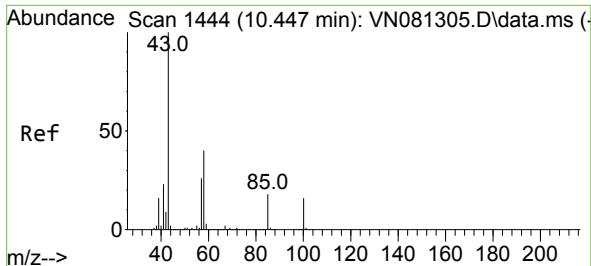
Tgt Ion: 98 Resp: 650021

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.0

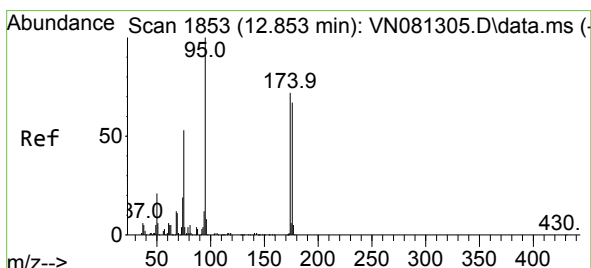
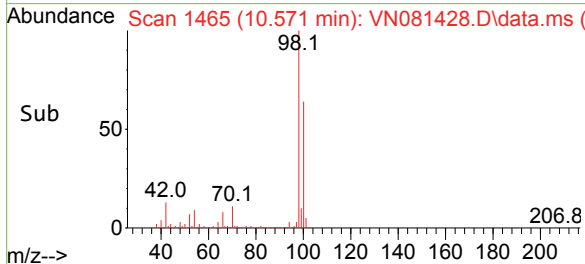
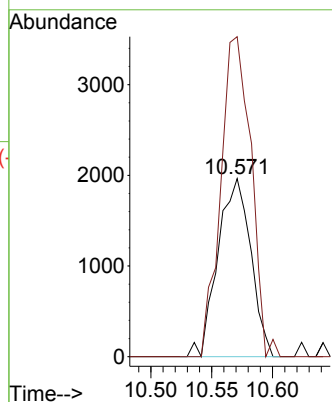
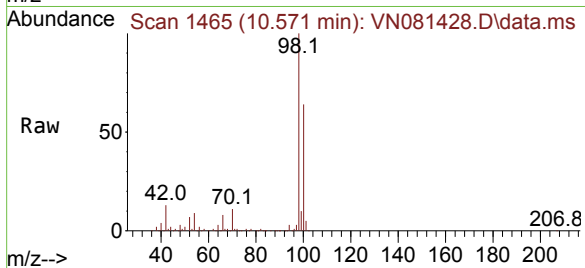




#51
4-Methyl-2-Pentanone
Concen: 0.692 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.124 min
Lab File: VN081428.D
Acq: 15 Mar 2024 16:29

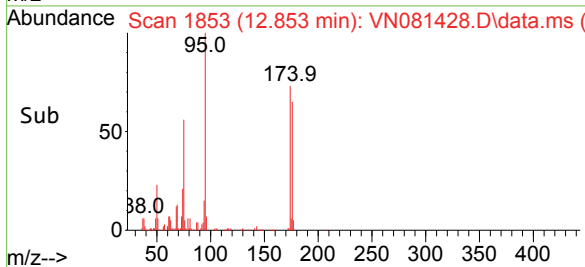
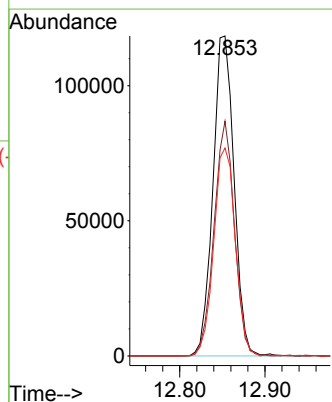
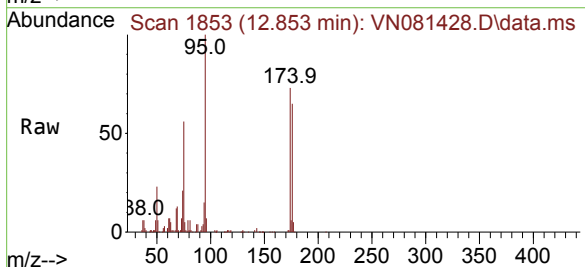
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBL01

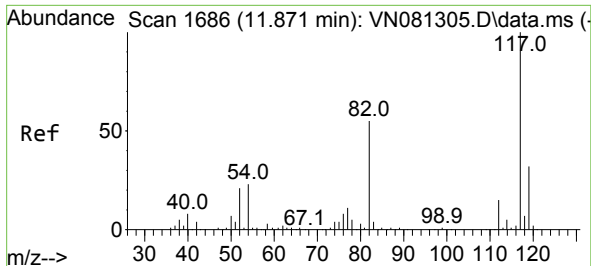
Tgt Ion: 43 Resp: 3685
Ion Ratio Lower Upper
43 100
58 166.1 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 46.341 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081428.D
Acq: 15 Mar 2024 16:29

Tgt Ion: 95 Resp: 203509
Ion Ratio Lower Upper
95 100
174 70.9 0.0 120.4
176 66.4 0.0 121.0

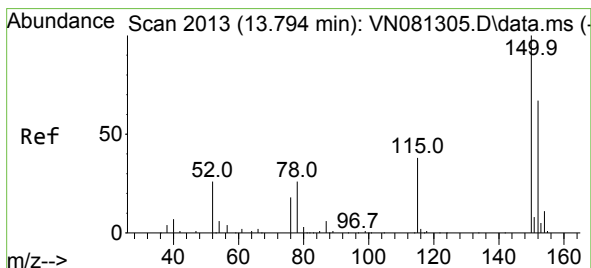
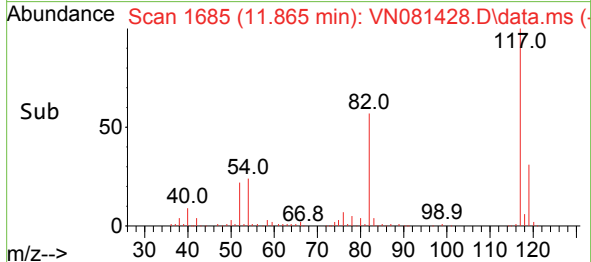
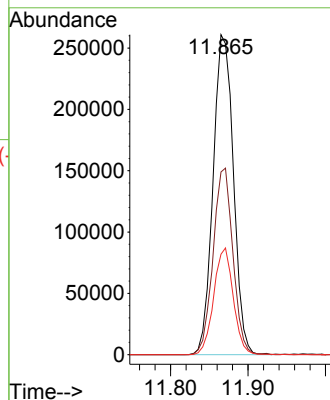
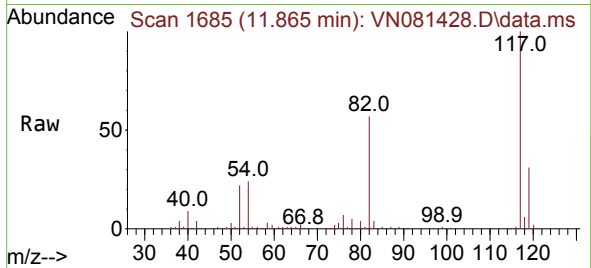




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081428.D
Acq: 15 Mar 2024 16:29

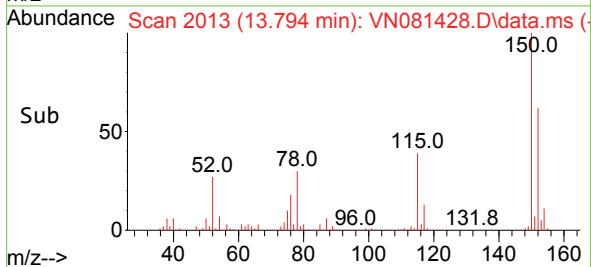
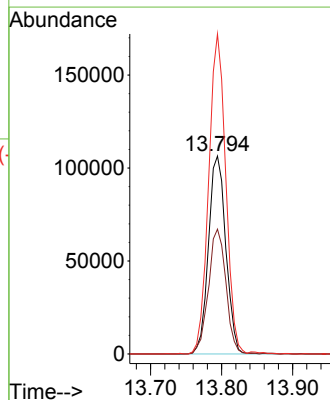
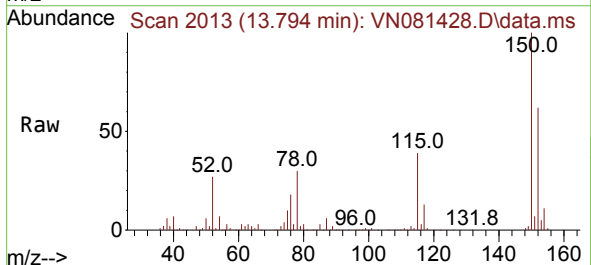
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBL01

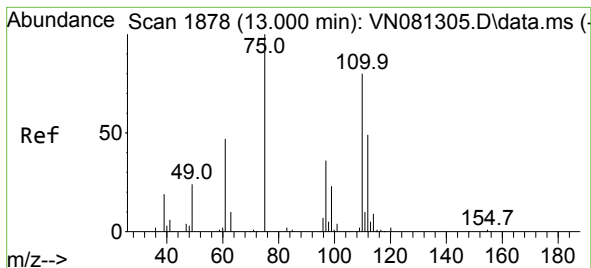
Tgt Ion:117 Resp: 475000
Ion Ratio Lower Upper
117 100
82 57.1 52.7 79.1
119 31.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081428.D
Acq: 15 Mar 2024 16:29

Tgt Ion:152 Resp: 181403
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 158.4 0.0 339.8





#76

1,2,3-Trichloropropane

Concen: 27.204 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.153 min

Lab File: VN081428.D

Acq: 15 Mar 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

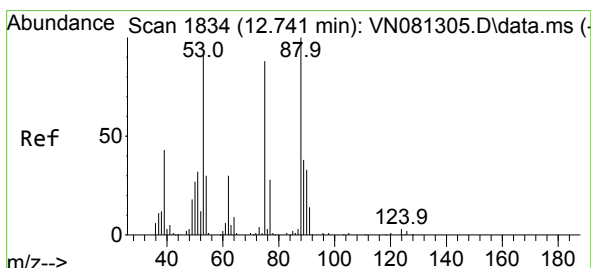
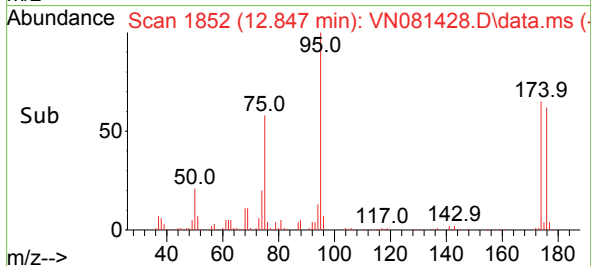
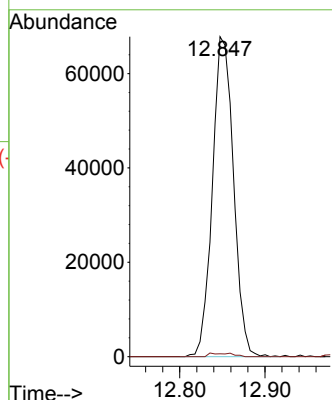
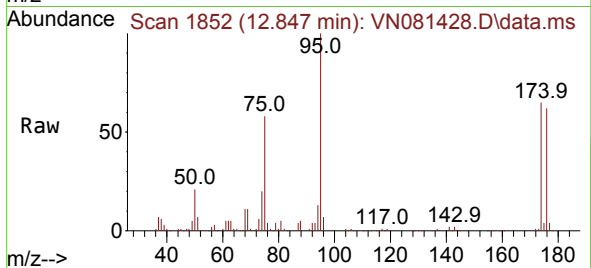
VN0315WBL01

Tgt Ion: 75 Resp: 116560

Ion Ratio Lower Upper

75 100

77 1.2 91.0 272.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.921 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.106 min

Lab File: VN081428.D

Acq: 15 Mar 2024 16:29

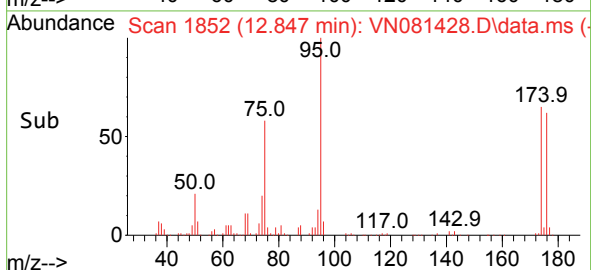
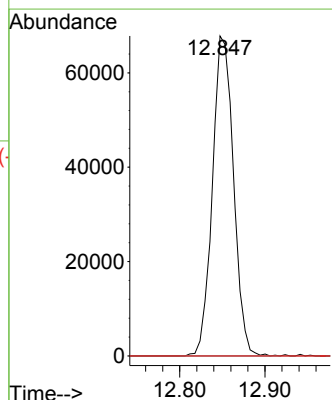
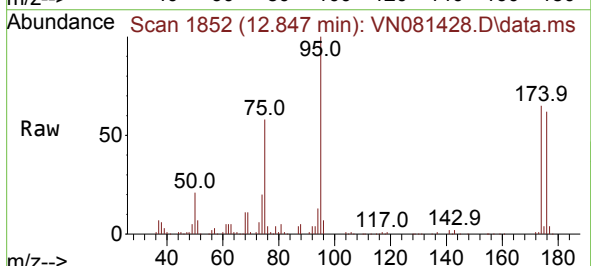
Tgt Ion: 75 Resp: 116560

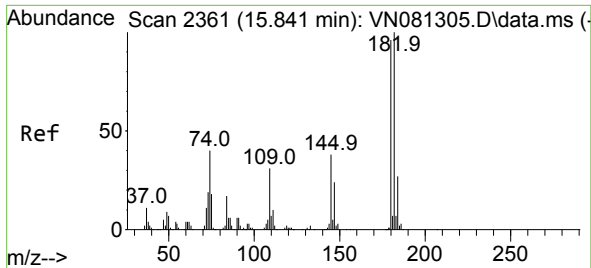
Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

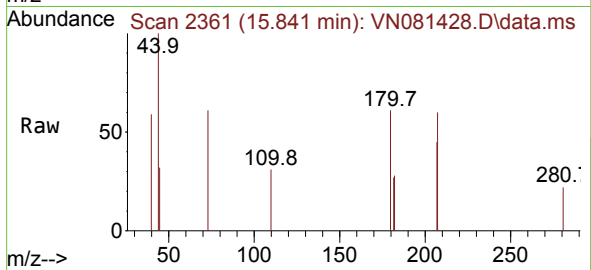
89 0.0 33.4 50.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.213 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081428.D
 Acq: 15 Mar 2024 16:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBL01



Tgt Ion	Ratio	Lower	Upper
180	100		
182	29.5	46.5	139.3#
145	9.6	17.8	53.4#

