

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083055.D
 Acq On : 26 Jul 2024 16:36
 Operator : JC\MD
 Sample : P3383-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 26 23:09:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

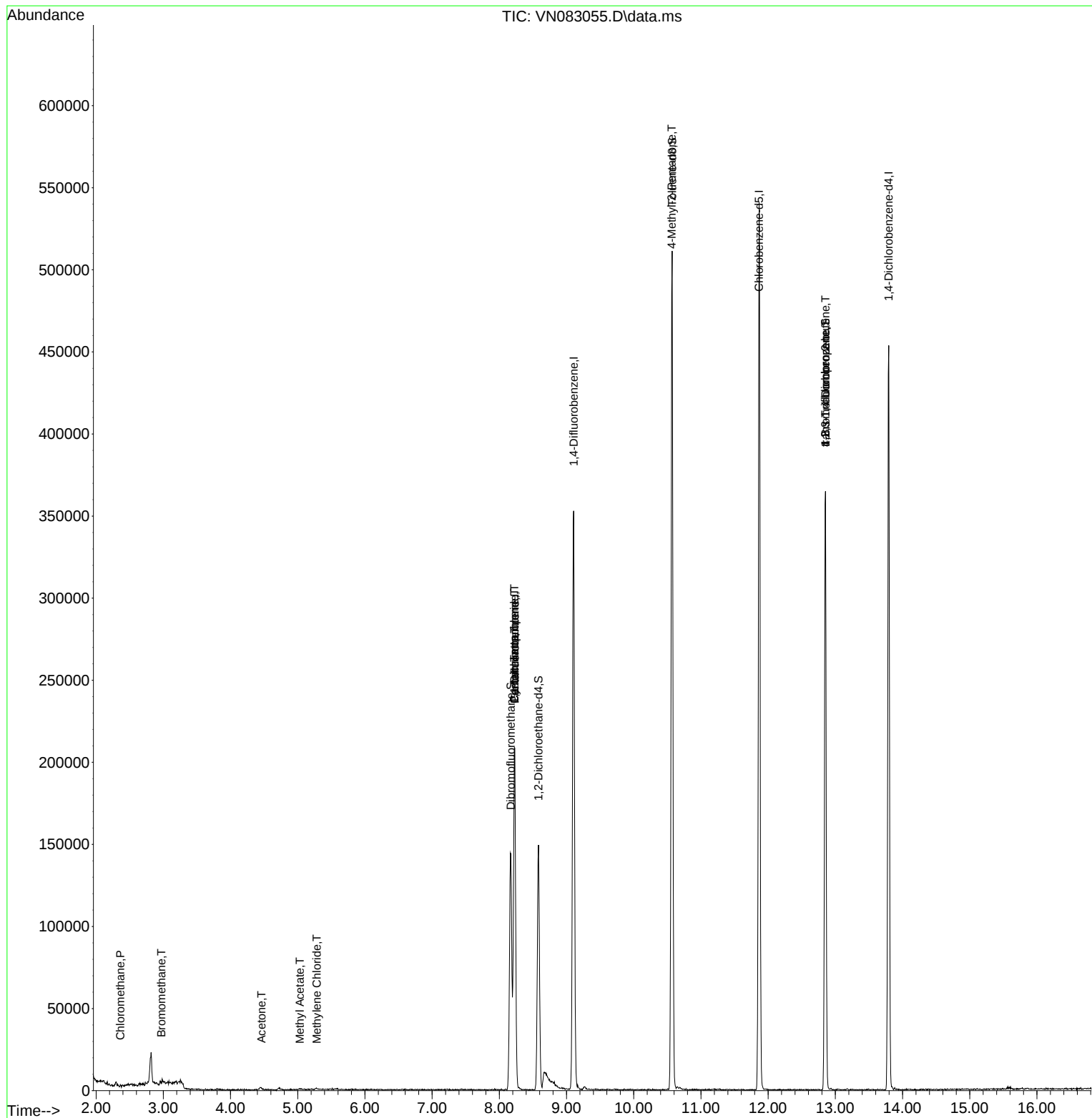
Internal Standards						
1) Pentafluorobenzene	8.230	168	144014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	292566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	119997	59.440	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.880%			
35) Dibromofluoromethane	8.171	113	102154	54.415	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.820%			
50) Toluene-d8	10.571	98	341549	49.258	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.520%			
62) 4-Bromofluorobenzene	12.853	95	108695	43.640	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 87.280%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	599	0.339	ug/l #	36
5) Bromomethane	2.971	94	511	0.382	ug/l #	2
16) Acetone	4.459	43	2794	3.931	ug/l	96
18) Methyl Acetate	5.030	43	519	0.276	ug/l #	56
20) Methylene Chloride	5.283	84	588	0.343	ug/l #	35
31) Cyclohexane	8.224	56	4429	1.678	ug/l #	53
36) 1,1-Dichloropropene	8.224	75	13723	5.302	ug/l #	49
38) Carbon Tetrachloride	8.224	117	15211	4.881	ug/l #	18
43) Isopropyl Acetate	8.677	43	12090	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1809	0.692	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	65779	32.054	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65779	63.042	ug/l #	6

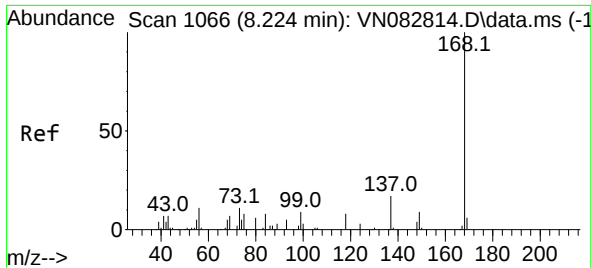
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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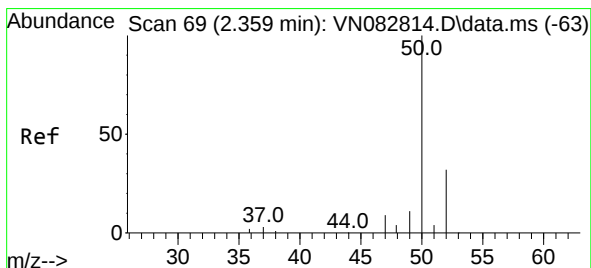
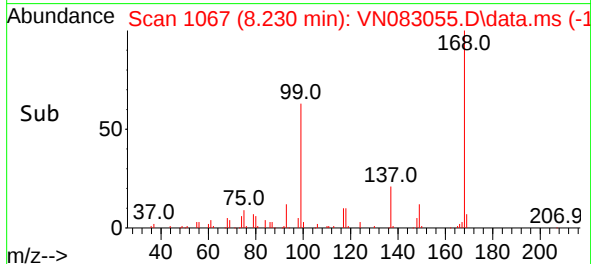
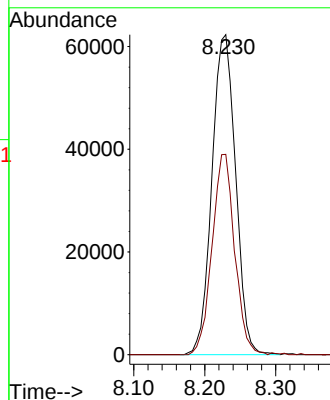
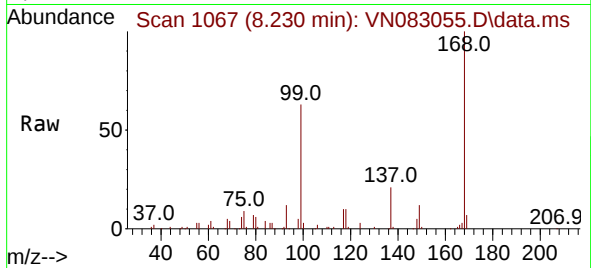




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN083055.D
Acq: 26 Jul 2024 16:36

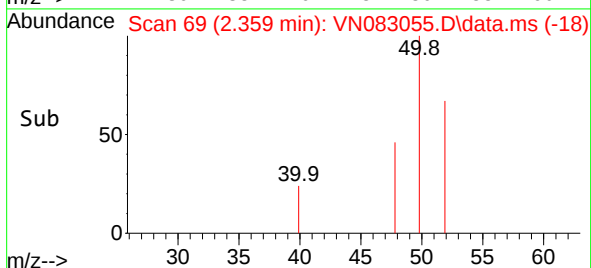
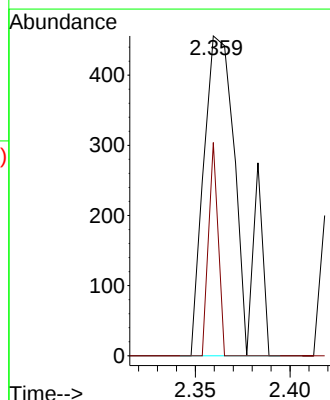
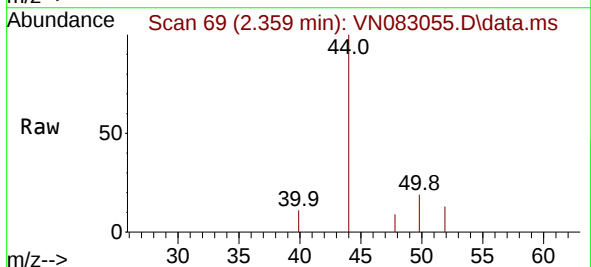
Instrument :
MSVOA_N
ClientSampleId :

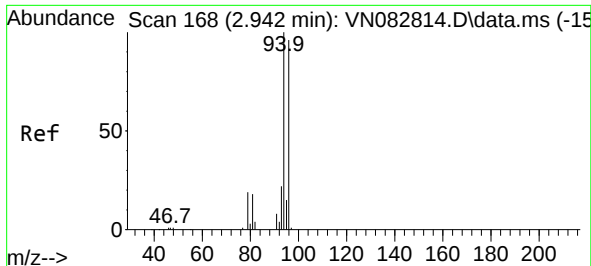
Tgt Ion:168 Resp: 144014
Ion Ratio Lower Upper
168 100
99 62.6 48.2 72.4



#3
Chloromethane
Concen: 0.339 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083055.D
Acq: 26 Jul 2024 16:36

Tgt Ion: 50 Resp: 599
Ion Ratio Lower Upper
50 100
52 66.7 25.0 37.4#

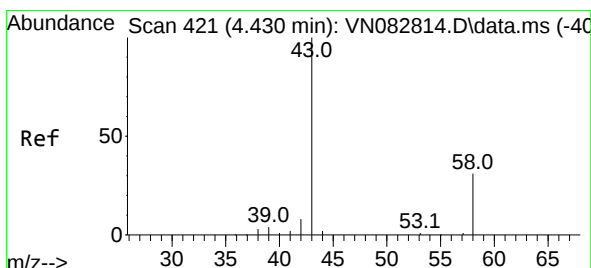
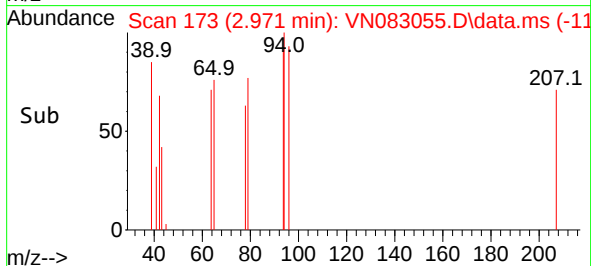
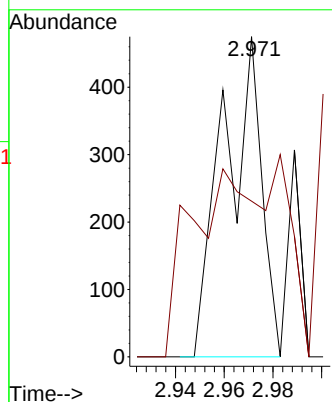
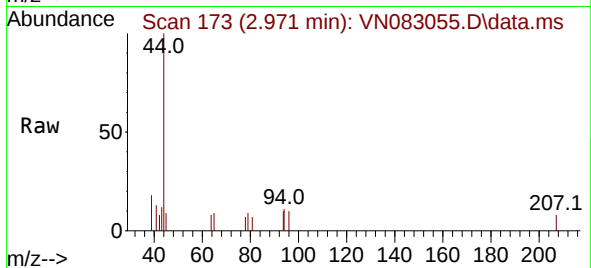




#5
Bromomethane
Concen: 0.382 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN083055.D
Acq: 26 Jul 2024 16:36

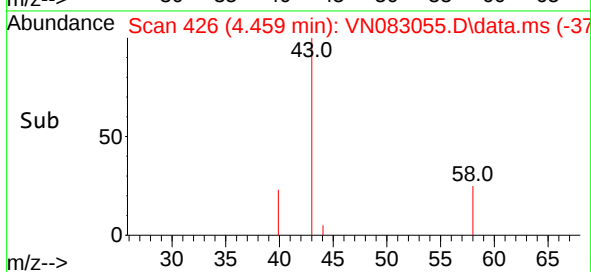
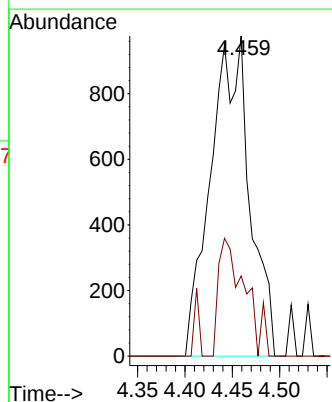
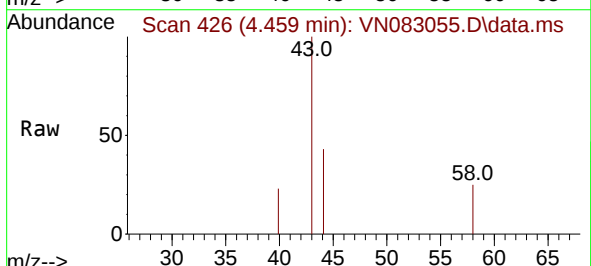
Instrument :
MSVOA_N
ClientSampleId :

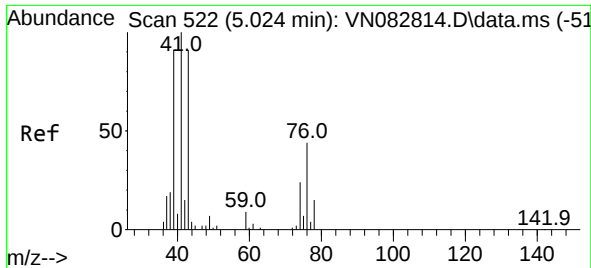
Tgt Ion: 94 Resp: 511
Ion Ratio Lower Upper
94 100
96 1.3 78.0 117.0#



#16
Acetone
Concen: 3.931 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.029 min
Lab File: VN083055.D
Acq: 26 Jul 2024 16:36

Tgt Ion: 43 Resp: 2794
Ion Ratio Lower Upper
43 100
58 25.0 21.8 32.6

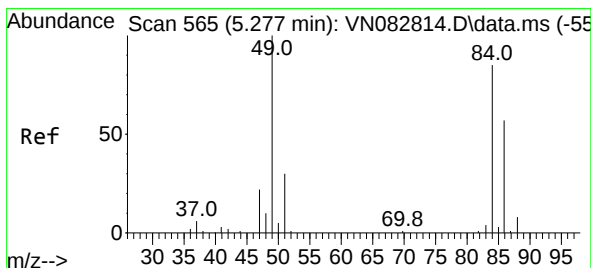
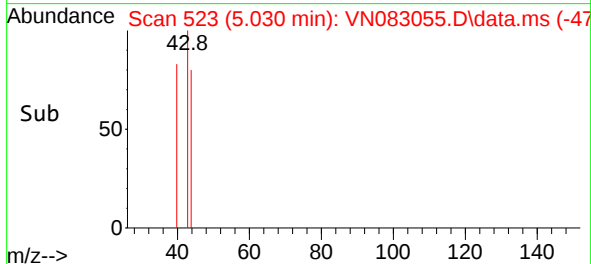
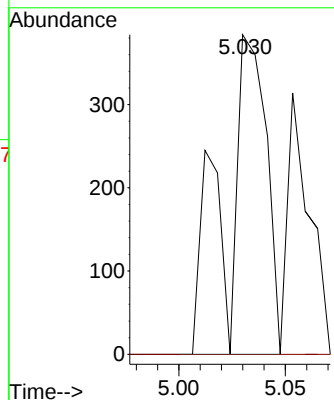
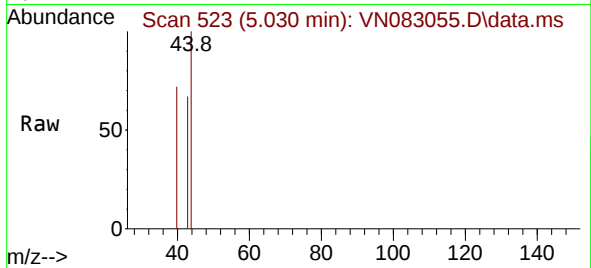




#18
Methyl Acetate
Concen: 0.276 ug/l
RT: 5.030 min Scan# 519
Delta R.T. -0.000 min
Lab File: VN083055.D
Acq: 26 Jul 2024 16:36

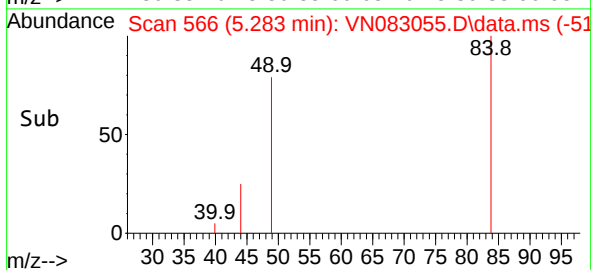
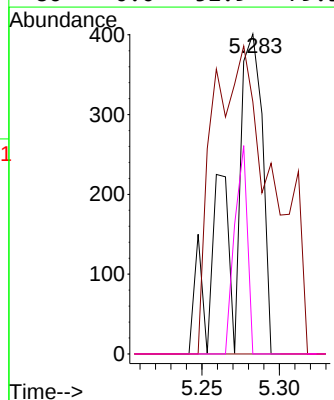
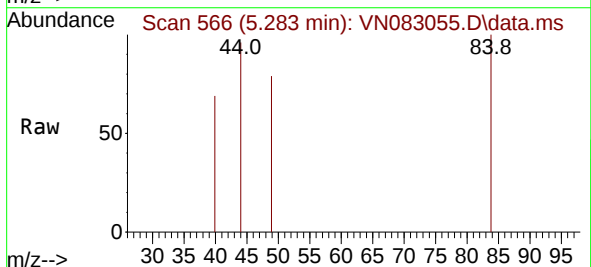
Instrument :
MSVOA_N
ClientSampleId :

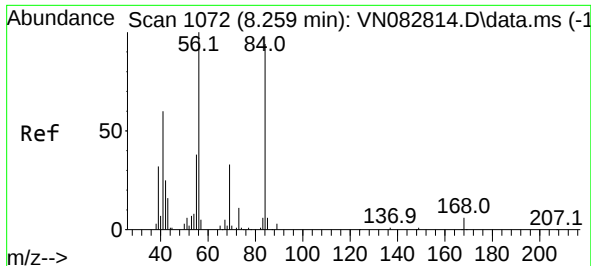
Tgt Ion: 43 Resp: 519
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 0.343 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083055.D
Acq: 26 Jul 2024 16:36

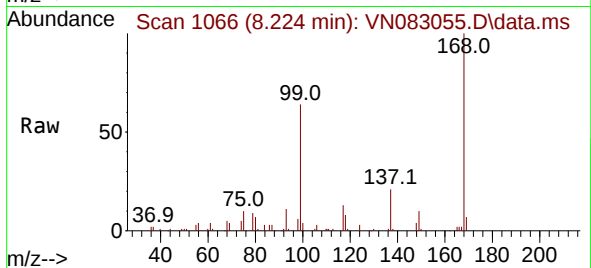
Tgt Ion: 84 Resp: 588
Ion Ratio Lower Upper
84 100
49 78.8 119.6 179.4#
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#



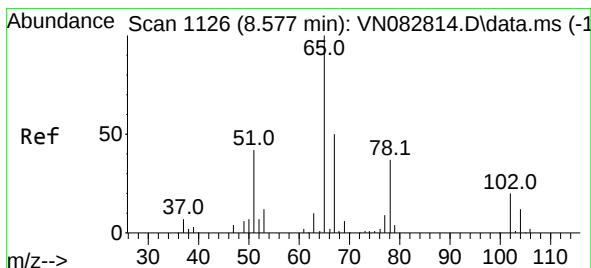
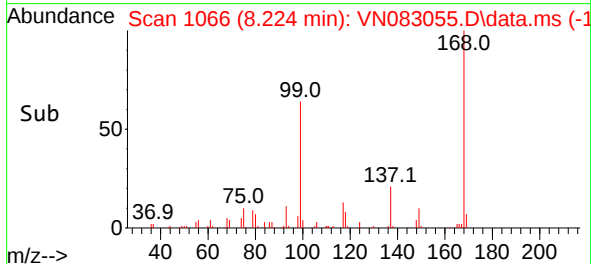
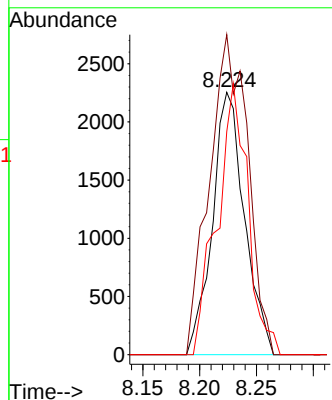


#31
Cyclohexane
Concen: 1.678 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083055.D
Acq: 26 Jul 2024 16:36

Instrument :
MSVOA_N
ClientSampleId :

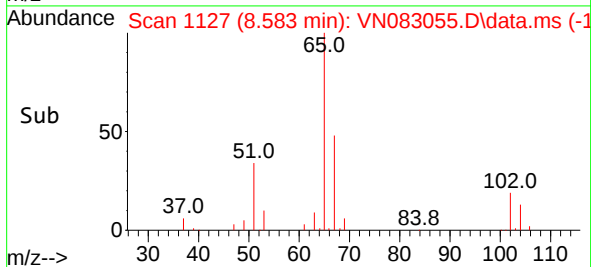
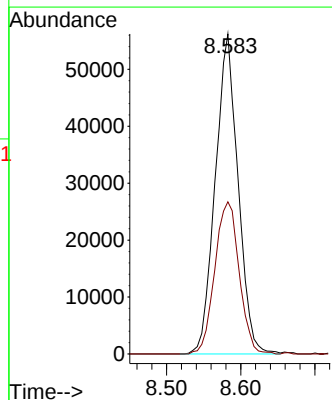
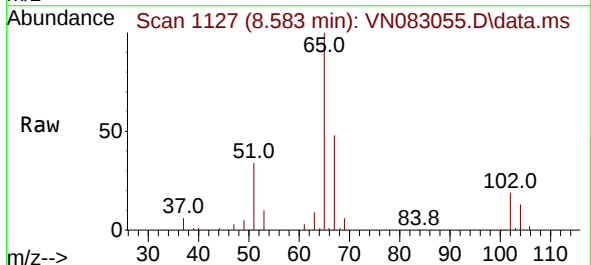


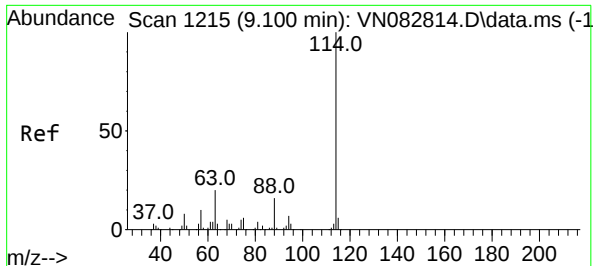
Tgt Ion: 56 Resp: 4429
Ion Ratio Lower Upper
56 100
69 122.0 24.5 36.7#
84 85.0 66.0 99.0



#33
1,2-Dichloroethane-d4
Concen: 59.440 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083055.D
Acq: 26 Jul 2024 16:36

Tgt Ion: 65 Resp: 119997
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083055.D

Acq: 26 Jul 2024 16:36

Instrument :

MSVOA_N

ClientSampleId :

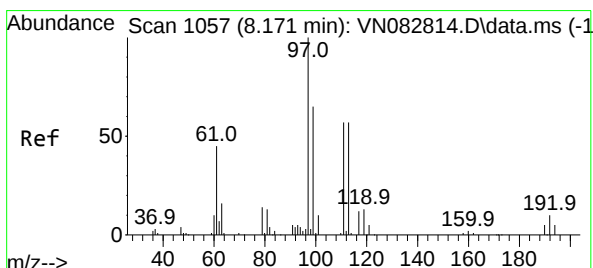
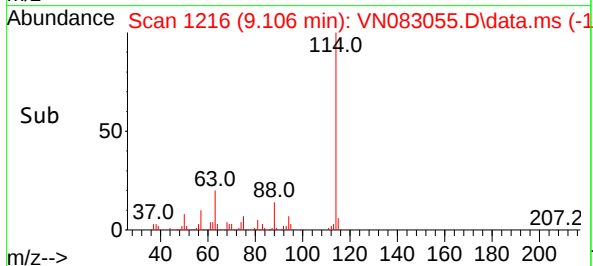
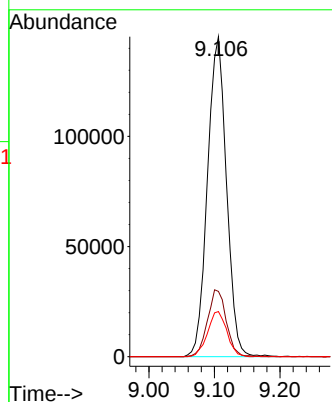
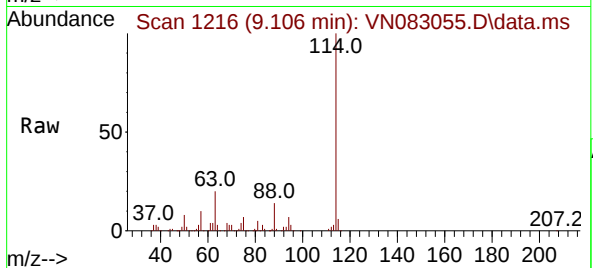
Tgt Ion:114 Resp: 292566

Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.6

88 14.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 54.415 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083055.D

Acq: 26 Jul 2024 16:36

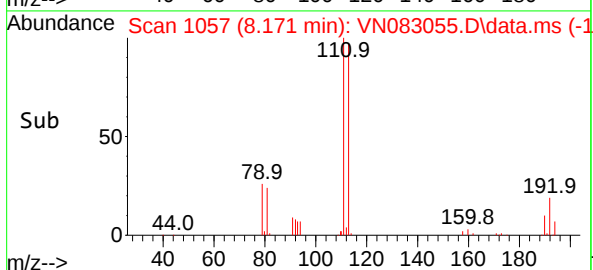
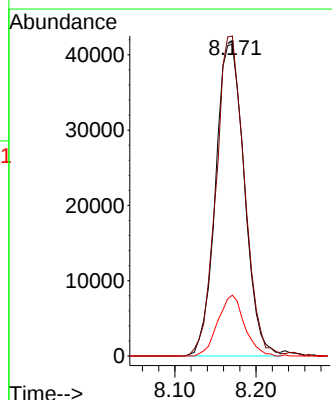
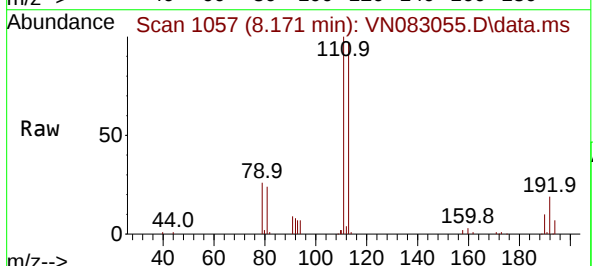
Tgt Ion:113 Resp: 102154

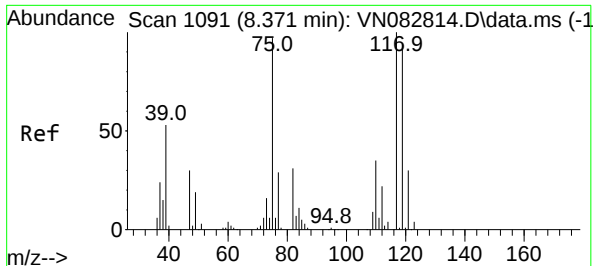
Ion Ratio Lower Upper

113 100

111 100.8 82.4 123.6

192 18.0 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.302 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

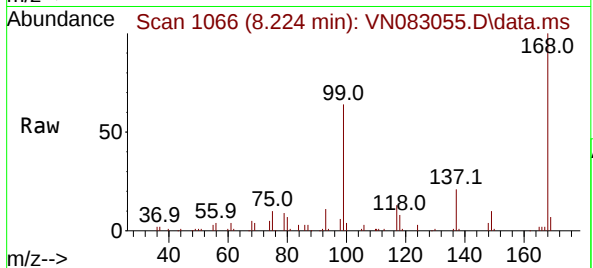
Lab File: VN083055.D

Acq: 26 Jul 2024 16:36

Instrument :

MSVOA_N

ClientSampleId :



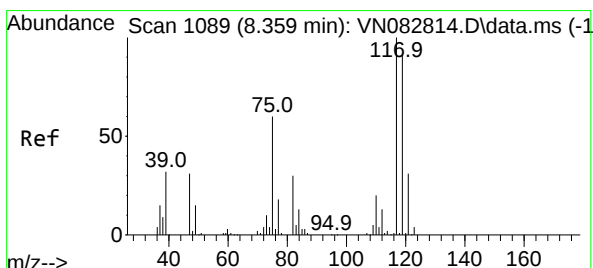
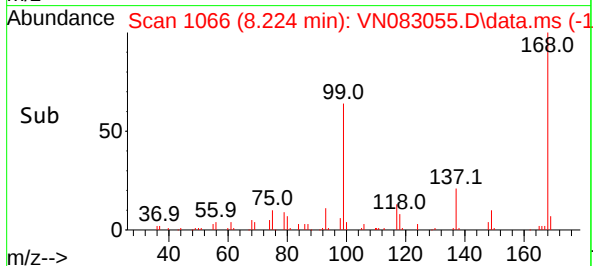
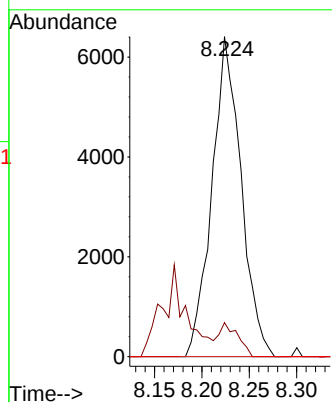
Tgt Ion: 75 Resp: 13723

Ion Ratio Lower Upper

75 100

110 6.8 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 4.881 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN083055.D

Acq: 26 Jul 2024 16:36

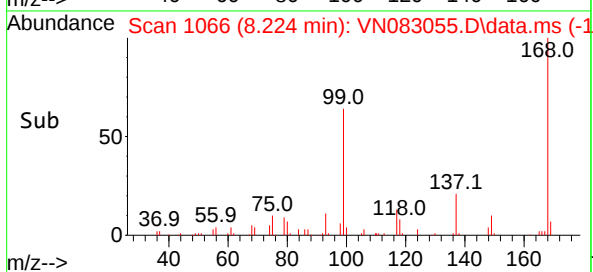
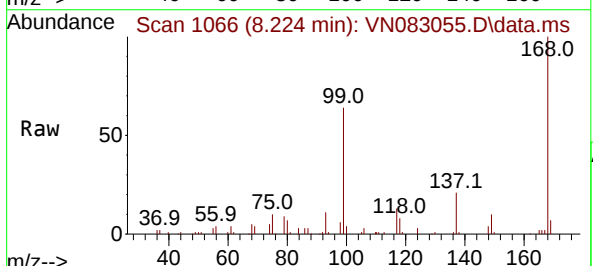
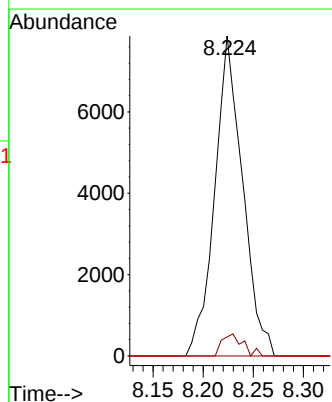
Tgt Ion: 117 Resp: 15211

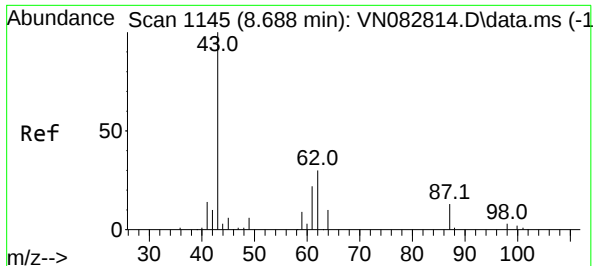
Ion Ratio Lower Upper

117 100

119 5.9 74.9 112.3#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.677 min Scan# 1143

Delta R.T. -0.017 min

Lab File: VN083055.D

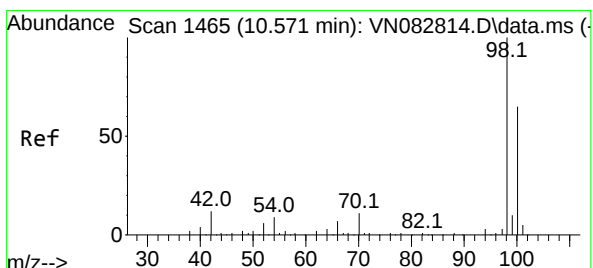
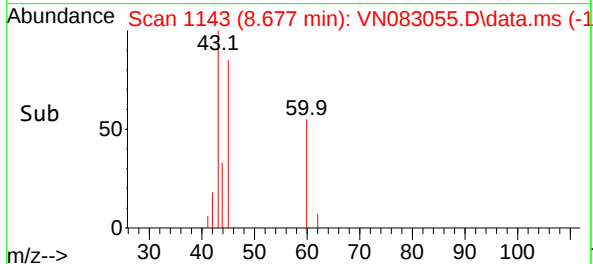
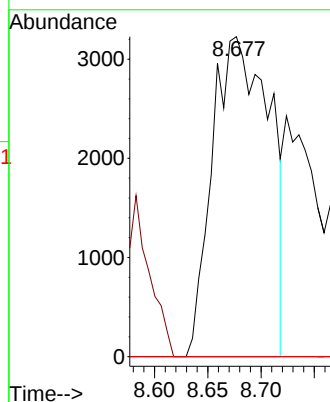
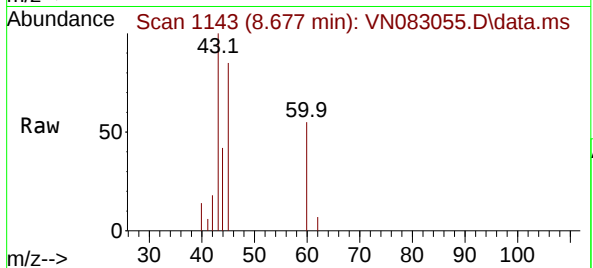
Acq: 26 Jul 2024 16:36

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 12090
Ion Ratio	Lower Upper
43	100
61	0.0 17.8 26.6#
87	0.0 8.2 12.2#



#50

Toluene-d8

Concen: 49.258 ug/l

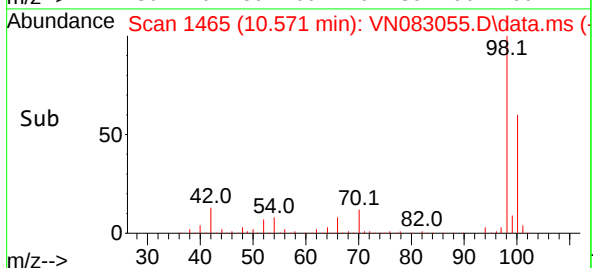
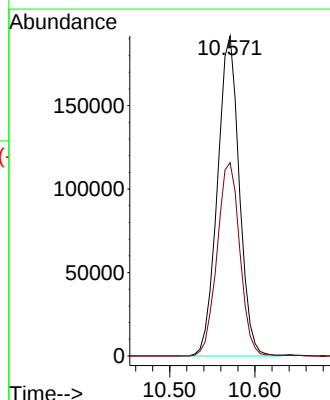
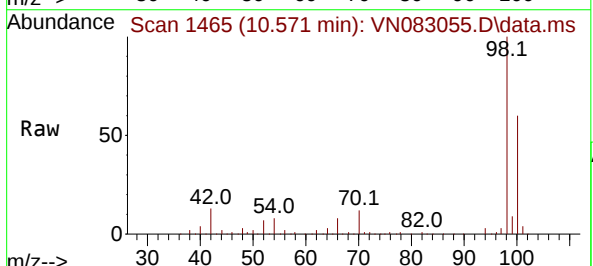
RT: 10.571 min Scan# 1465

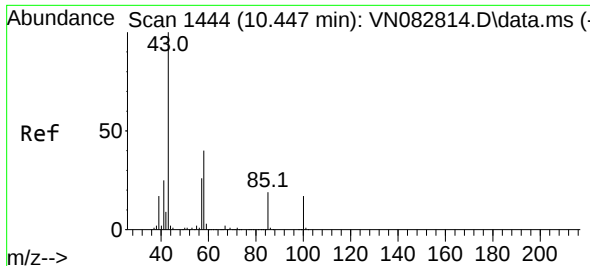
Delta R.T. 0.001 min

Lab File: VN083055.D

Acq: 26 Jul 2024 16:36

Tgt Ion: 98	Resp: 341549
Ion Ratio	Lower Upper
98	100
100	62.9 51.5 77.3

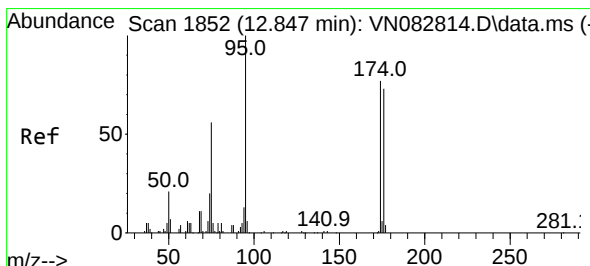
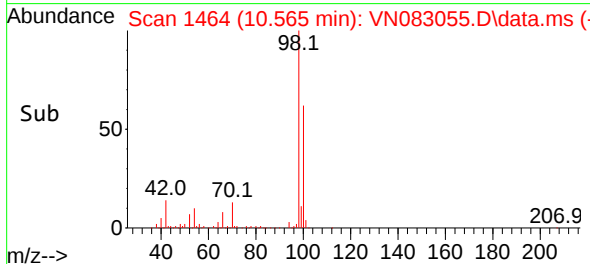
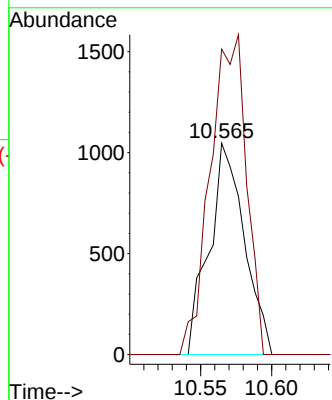
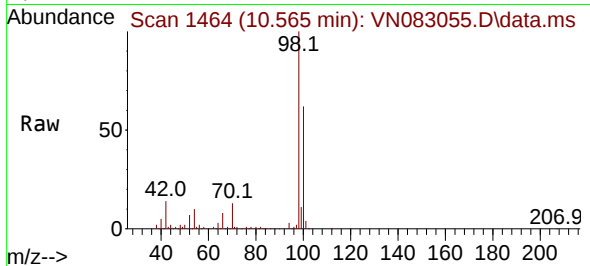




#51
4-Methyl-2-Pentanone
Concen: 0.692 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083055.D
Acq: 26 Jul 2024 16:36

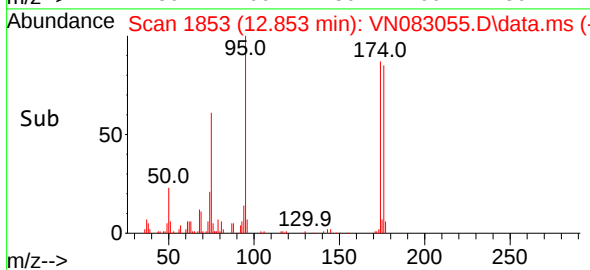
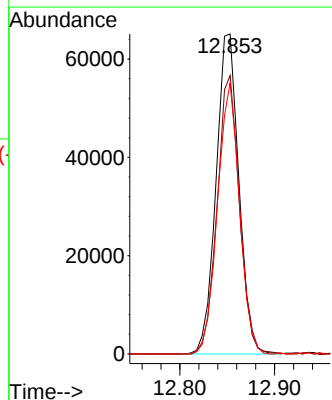
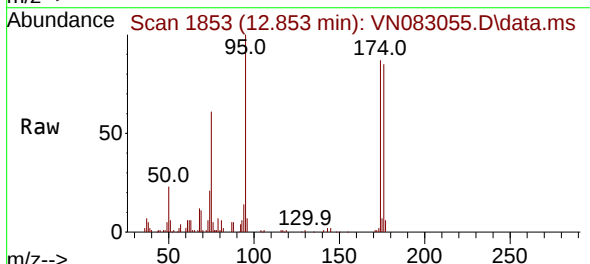
Instrument :
MSVOA_N
ClientSampleId :

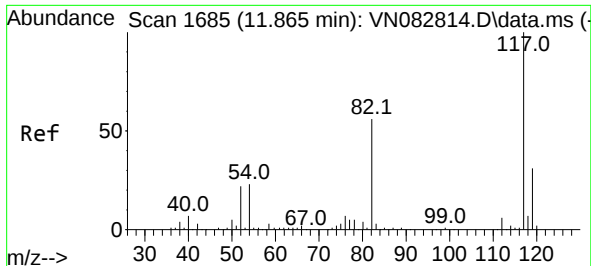
Tgt Ion: 43 Resp: 1809
Ion Ratio Lower Upper
43 100
58 155.1 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 43.640 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083055.D
Acq: 26 Jul 2024 16:36

Tgt Ion: 95 Resp: 108695
Ion Ratio Lower Upper
95 100
174 85.3 0.0 159.2
176 81.5 0.0 147.6

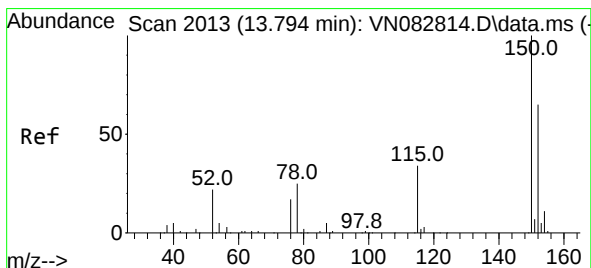
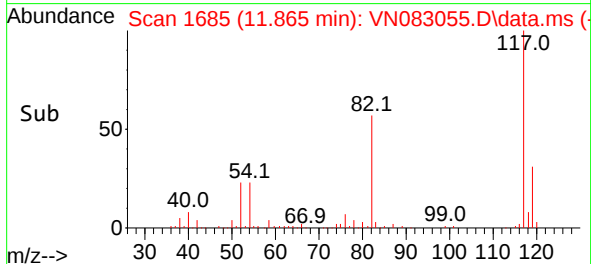
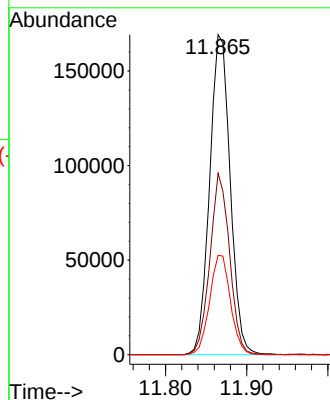
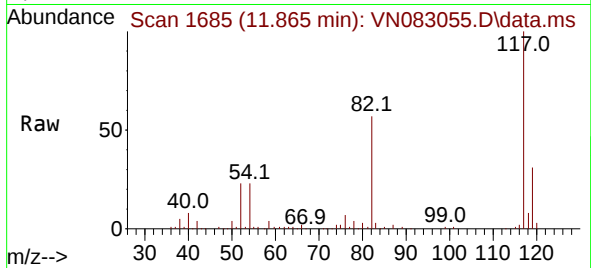




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN083055.D
Acq: 26 Jul 2024 16:36

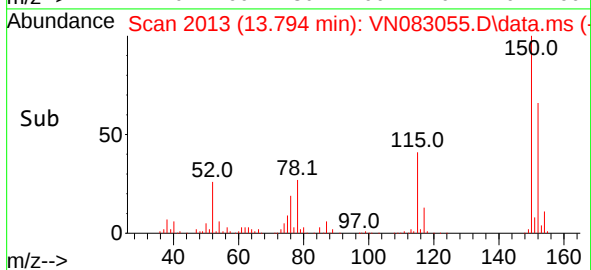
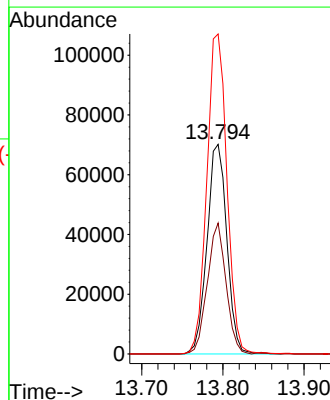
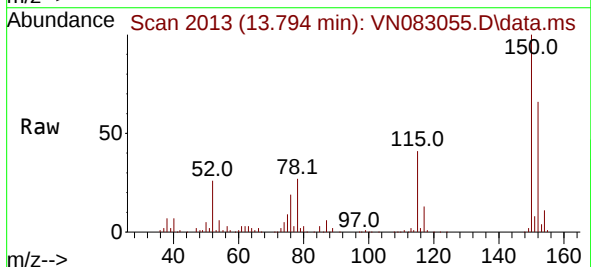
Instrument :
MSVOA_N
ClientSampleId :

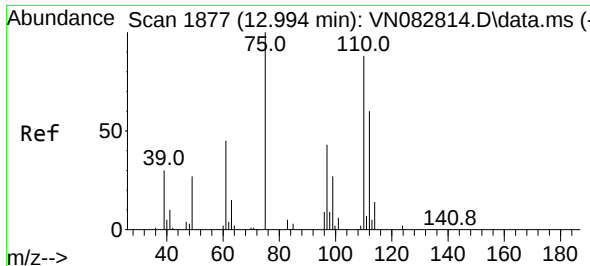
Tgt Ion:117 Resp: 297213
Ion Ratio Lower Upper
117 100
82 56.7 47.5 71.3
119 31.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083055.D
Acq: 26 Jul 2024 16:36

Tgt Ion:152 Resp: 119028
Ion Ratio Lower Upper
152 100
115 58.9 30.6 91.6
150 154.6 0.0 348.6

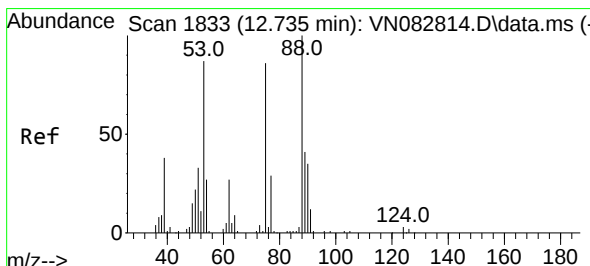
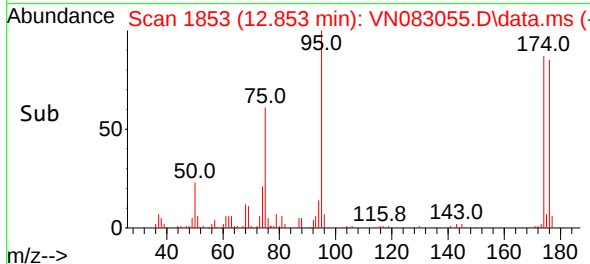
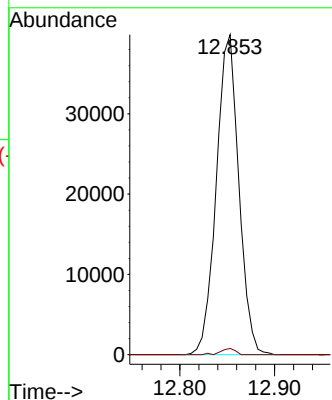
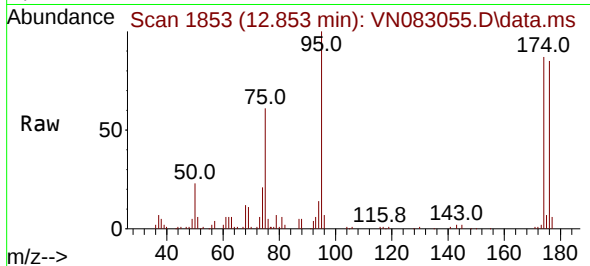




#76
1,2,3-Trichloropropane
Concen: 32.054 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083055.D
Acq: 26 Jul 2024 16:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 65779
Ion Ratio Lower Upper
75 100
77 1.3 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.042 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN083055.D
Acq: 26 Jul 2024 16:36

Tgt Ion: 75 Resp: 65779
Ion Ratio Lower Upper
75 100
53 0.5 88.4 132.6#
89 0.0 36.3 54.5#

