

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072224\
 Data File : VN083003.D
 Acq On : 22 Jul 2024 14:47
 Operator : JC\MD
 Sample : P3323-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 23 03:50:54 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)

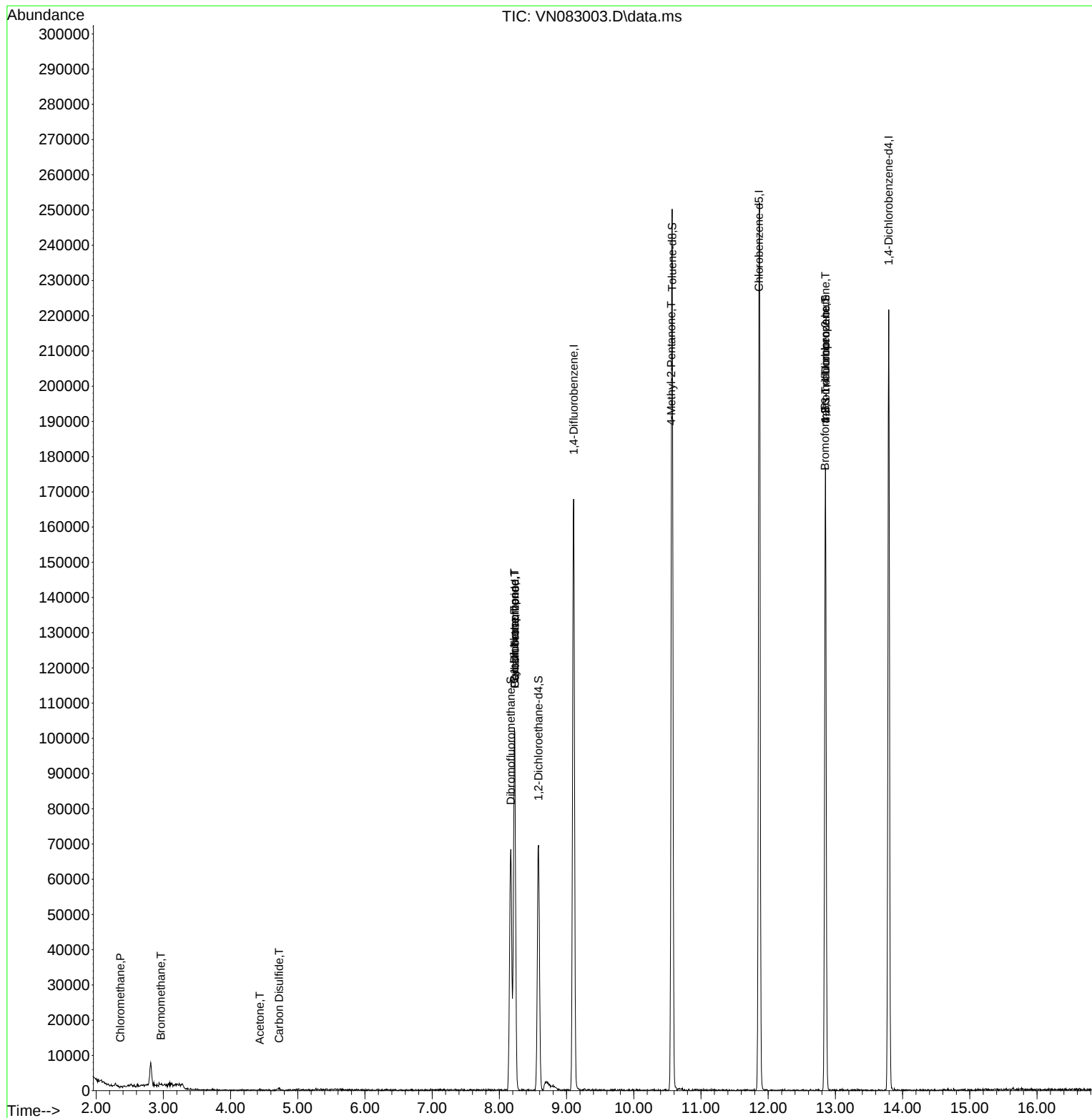
Internal Standards						
1) Pentafluorobenzene	8.229	168	72465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	142623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	143309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	57560	56.664	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.320%
35) Dibromofluoromethane	8.171	113	48529	53.027	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.060%
50) Toluene-d8	10.570	98	169008	50.000	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.853	95	54777	45.114	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.220%
Target Compounds						
						Qvalue
3) Chloromethane	2.359	50	187	0.210	ug/l #	43
5) Bromomethane	2.965	94	216	0.321	ug/l #	1
16) Acetone	4.436	43	208	0.582	ug/l #	48
17) Carbon Disulfide	4.724	76	792	0.358	ug/l #	75
31) Cyclohexane	8.224	56	1893	1.425	ug/l #	20
36) 1,1-Dichloropropene	8.224	75	6439	5.103	ug/l #	47
38) Carbon Tetrachloride	8.229	117	7793	5.130	ug/l #	19
43) Isopropyl Acetate	8.682	43	961	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.559	43	732	0.575	ug/l #	1
71) Bromoform	12.847	173	457	0.532	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	31342	31.504	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	31342	61.959	ug/l #	6

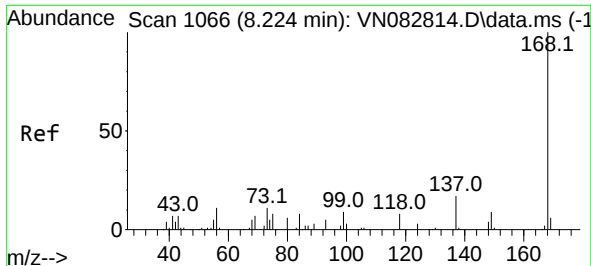
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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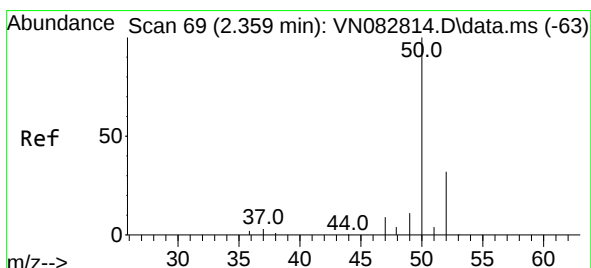
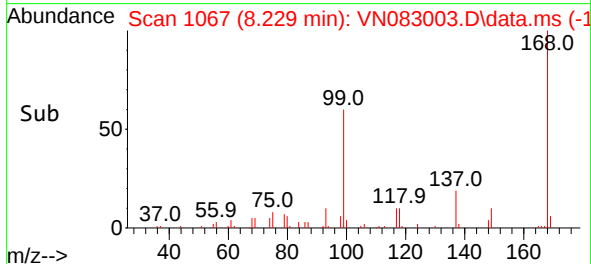
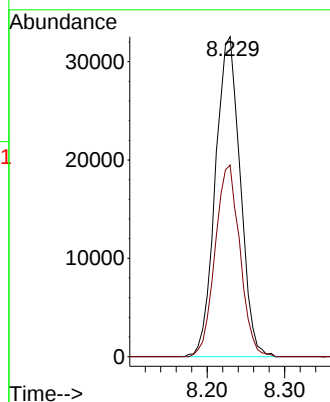
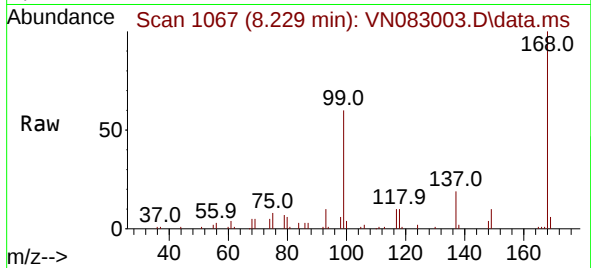




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

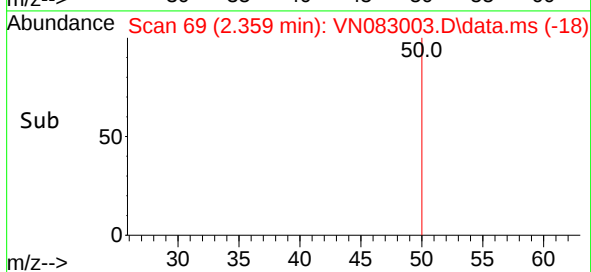
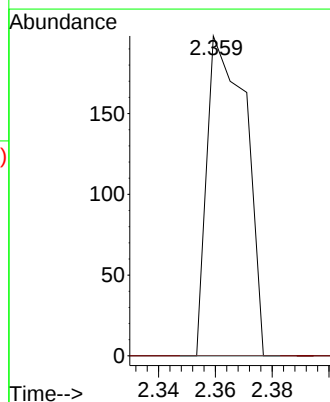
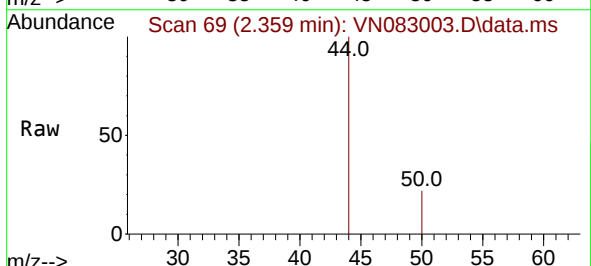
Instrument :
MSVOA_N
ClientSampleId :

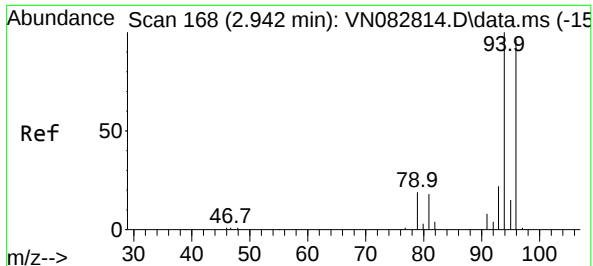
Tgt Ion:168 Resp: 72465
Ion Ratio Lower Upper
168 100
99 59.8 48.2 72.4



#3
Chloromethane
Concen: 0.210 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

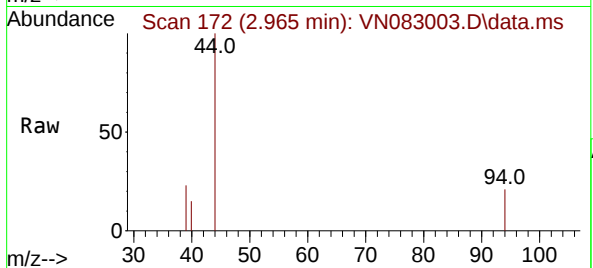
Tgt Ion: 50 Resp: 187
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



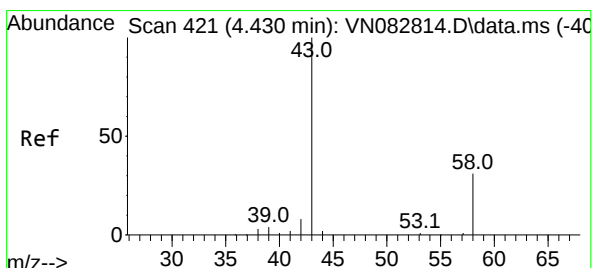
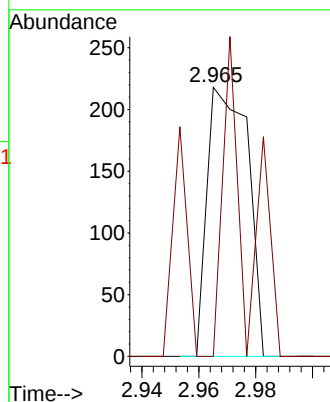
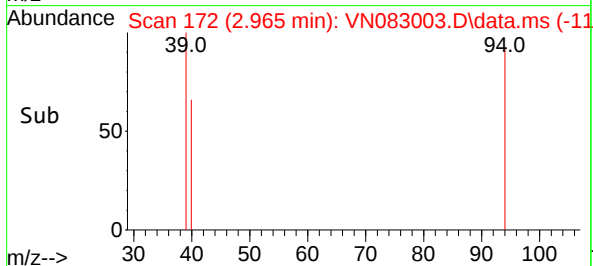


#5
Bromomethane
Concen: 0.321 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

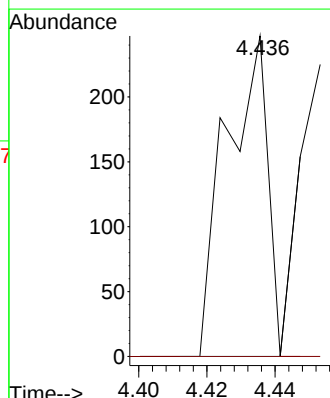
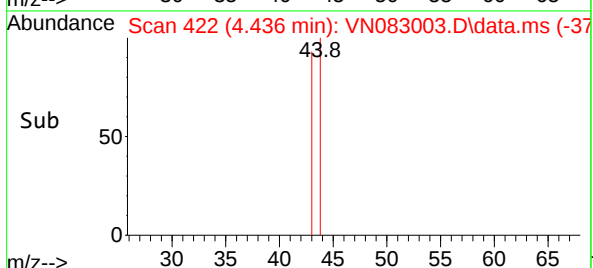
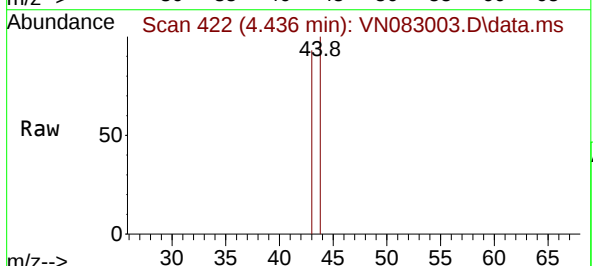


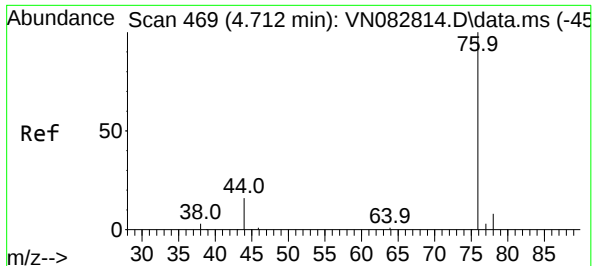
Tgt Ion: 94 Resp: 216
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



#16
Acetone
Concen: 0.582 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

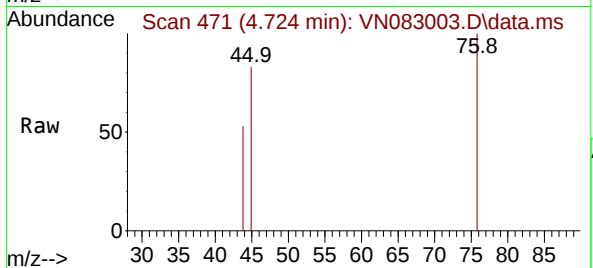
Tgt Ion: 43 Resp: 208
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



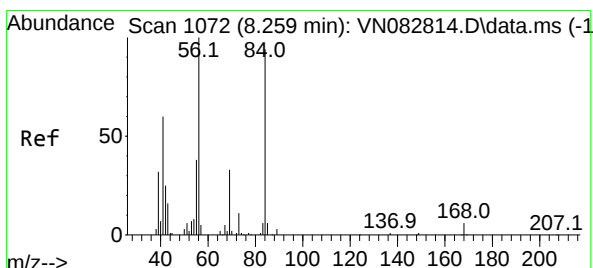
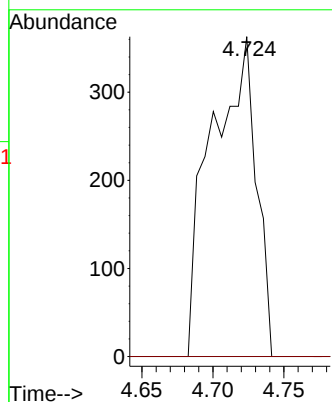
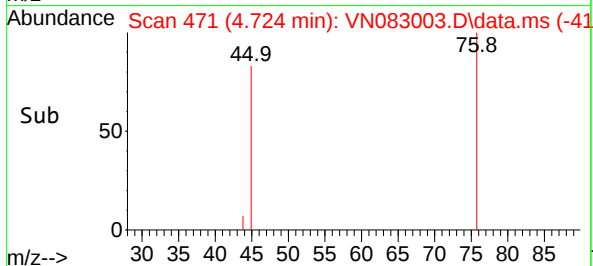


#17
Carbon Disulfide
Concen: 0.358 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

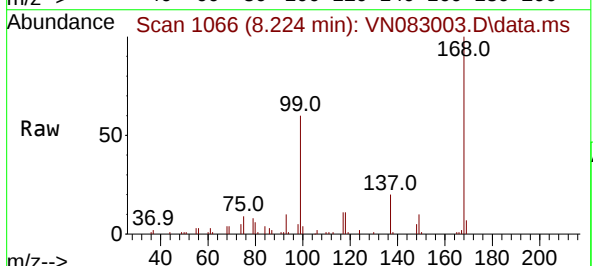
Instrument :
MSVOA_N
ClientSampleId :



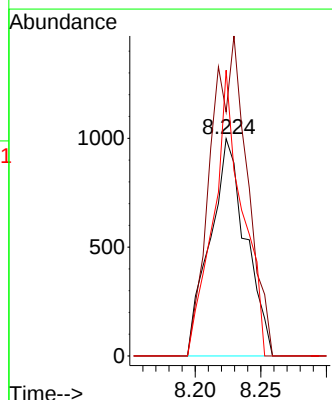
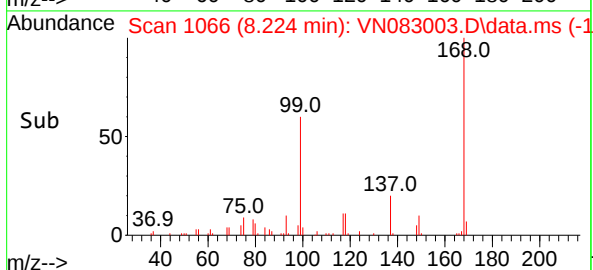
Tgt Ion: 76 Resp: 792
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

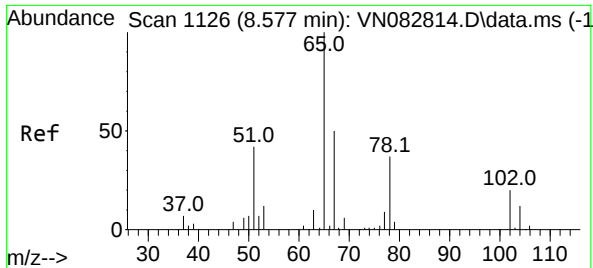


#31
Cyclohexane
Concen: 1.425 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47



Tgt Ion: 56 Resp: 1893
Ion Ratio Lower Upper
56 100
69 112.3 24.5 36.7#
84 131.6 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 56.664 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083003.D

Acq: 22 Jul 2024 14:47

Instrument :

MSVOA_N

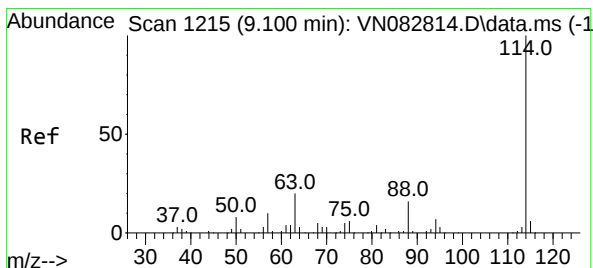
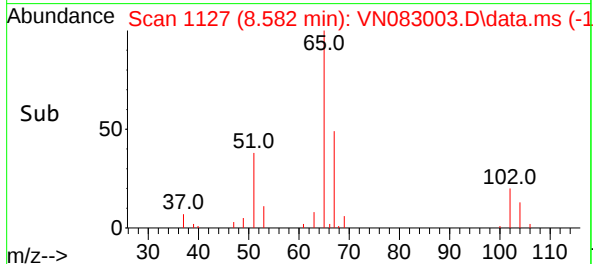
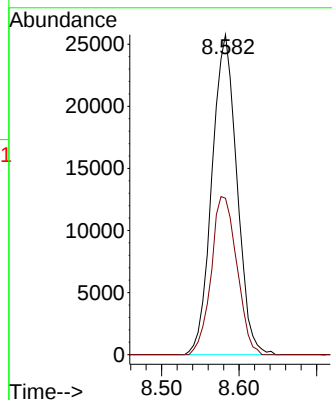
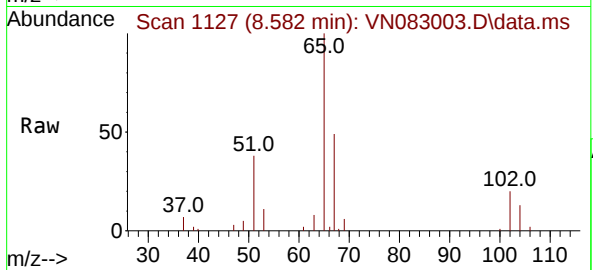
ClientSampleId :

Tgt Ion: 65 Resp: 57560

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# 1216

Delta R.T. -0.000 min

Lab File: VN083003.D

Acq: 22 Jul 2024 14:47

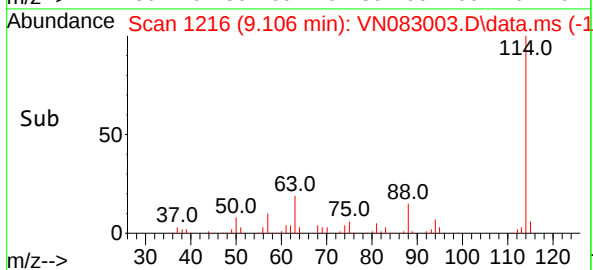
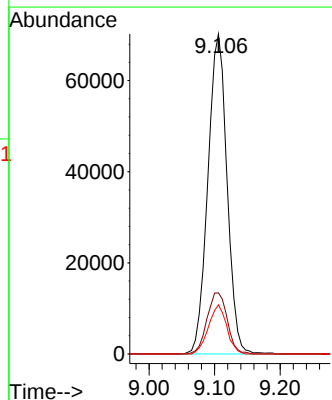
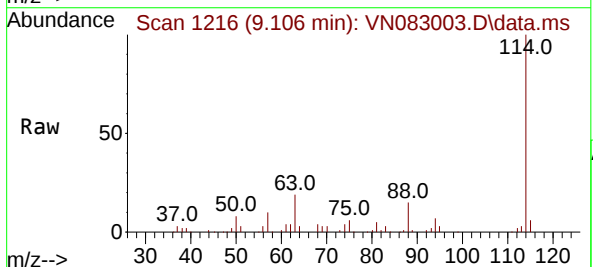
Tgt Ion: 114 Resp: 142623

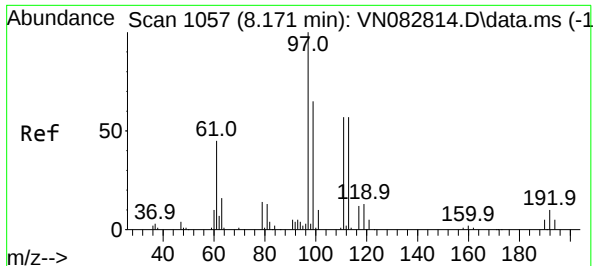
Ion Ratio Lower Upper

114 100

63 19.1 0.0 44.6

88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.027 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

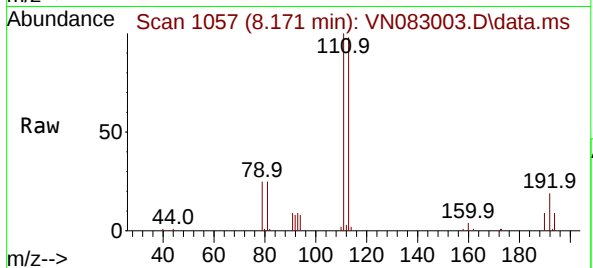
Lab File: VN083003.D

Acq: 22 Jul 2024 14:47

Instrument :

MSVOA_N

ClientSampleId :



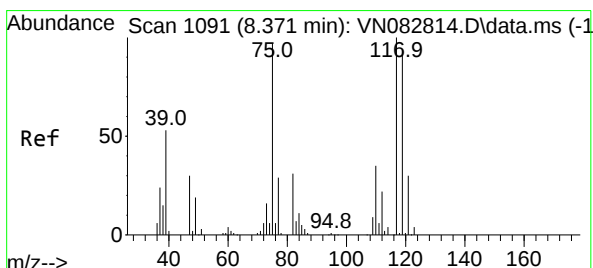
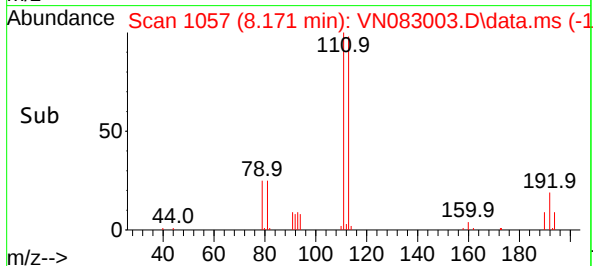
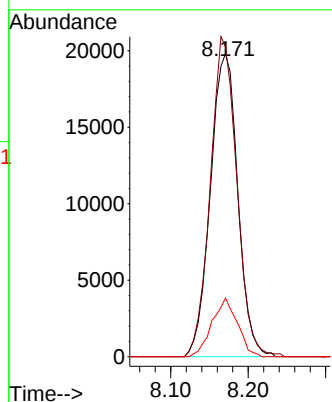
Tgt Ion:113 Resp: 48529

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

192 18.0 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.103 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083003.D

Acq: 22 Jul 2024 14:47

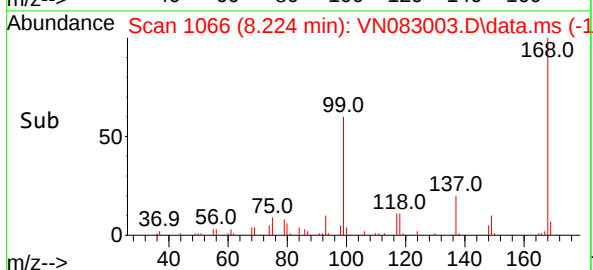
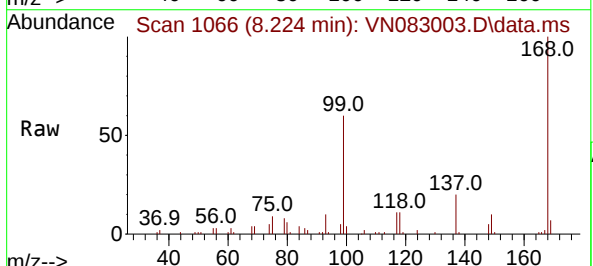
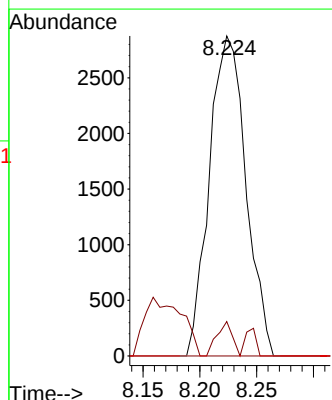
Tgt Ion: 75 Resp: 6439

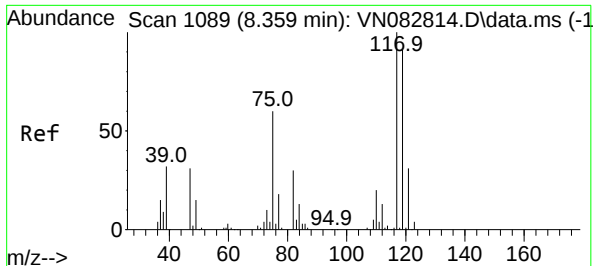
Ion Ratio Lower Upper

75 100

110 4.6 16.3 48.9#

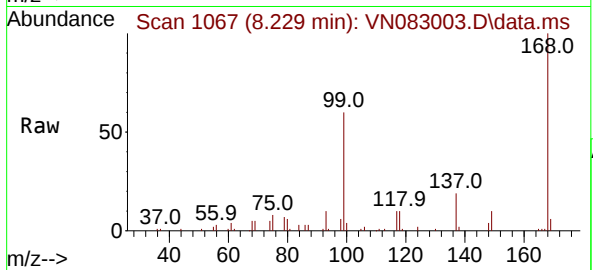
77 0.0 24.6 37.0#



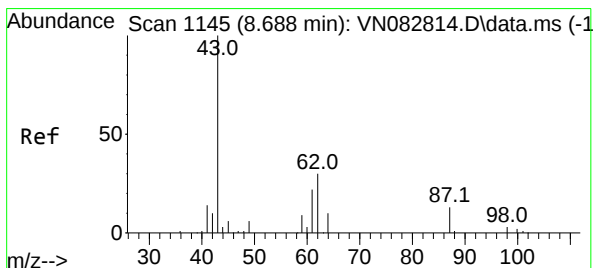
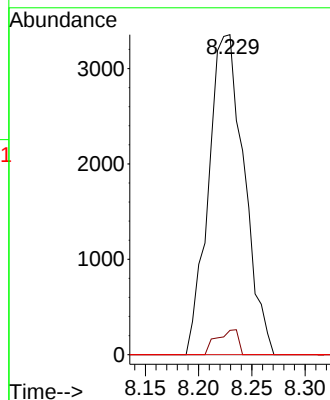
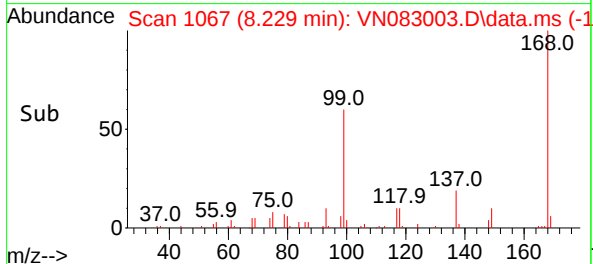


#38
Carbon Tetrachloride
Concen: 5.130 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.136 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

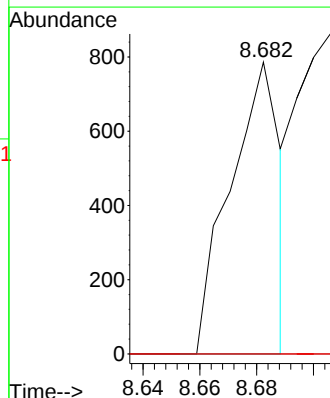
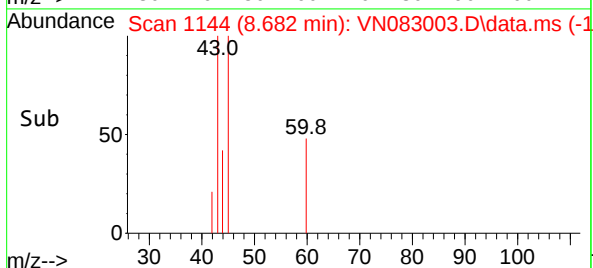
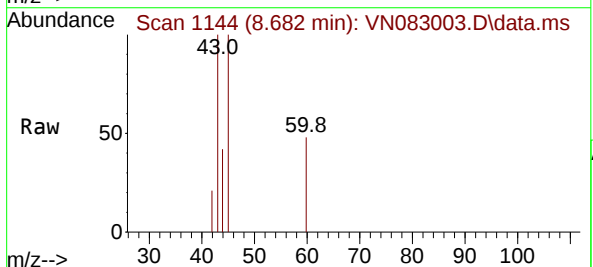


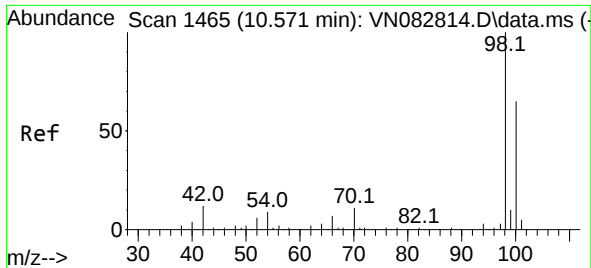
Tgt Ion:117 Resp: 7793
Ion Ratio Lower Upper
117 100
119 7.6 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

Tgt Ion: 43 Resp: 961
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

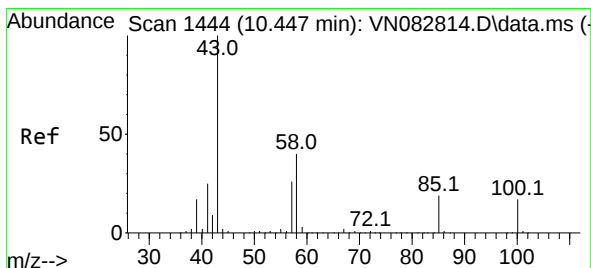
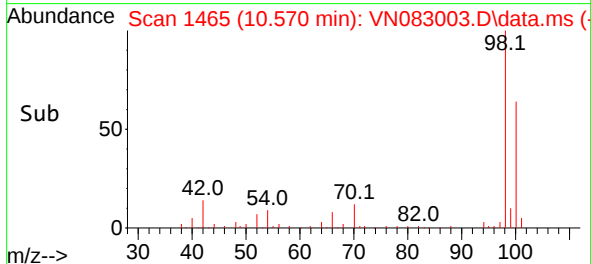
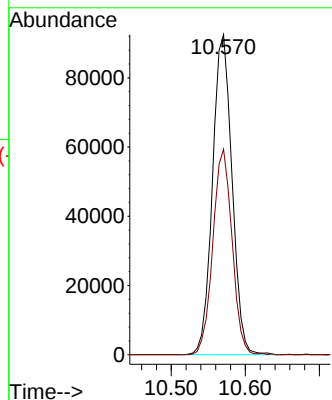
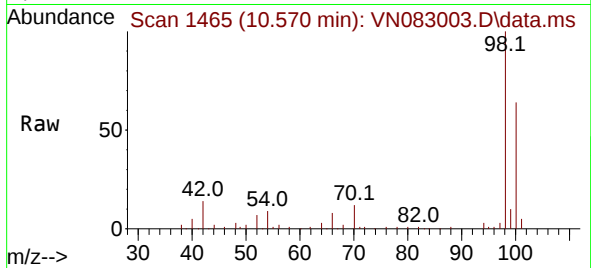




#50
Toluene-d8
Concen: 50.000 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

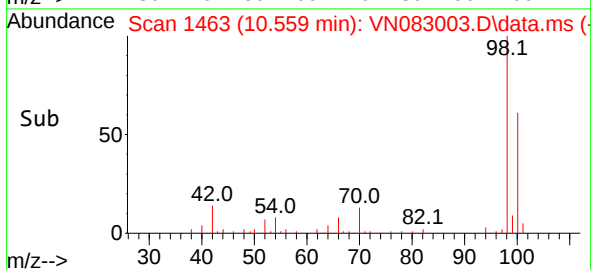
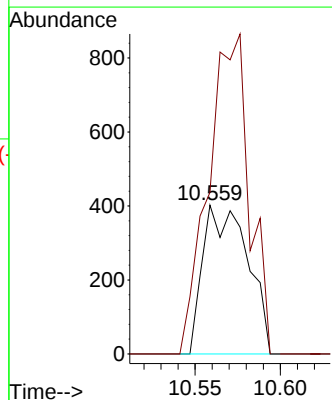
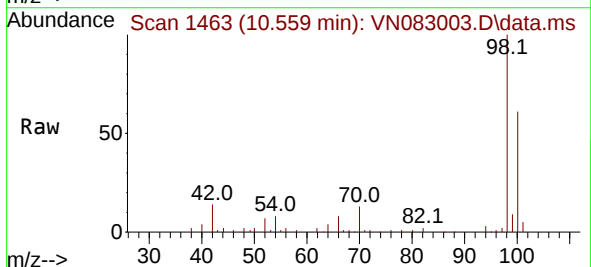
Instrument :
MSVOA_N
ClientSampleId :

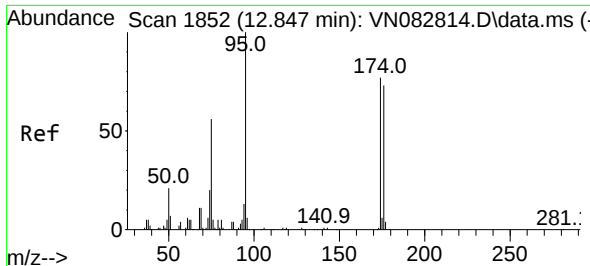
Tgt Ion: 98 Resp: 169008
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.575 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.112 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

Tgt Ion: 43 Resp: 732
Ion Ratio Lower Upper
43 100
58 197.0 28.2 42.4#

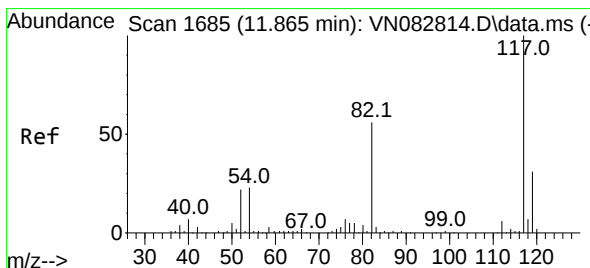
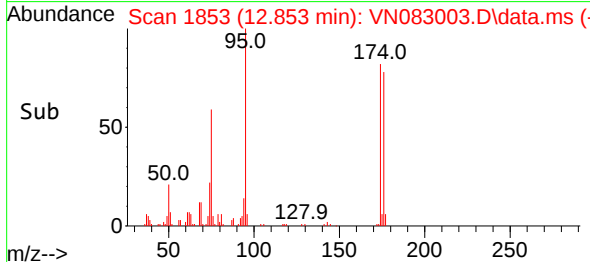
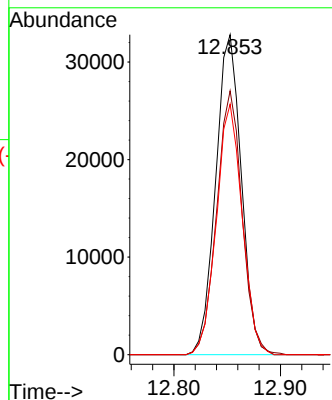
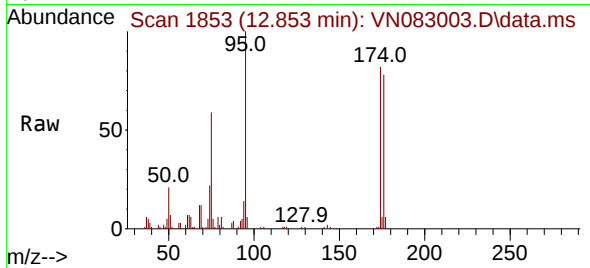




#62
4-Bromofluorobenzene
Concen: 45.114 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

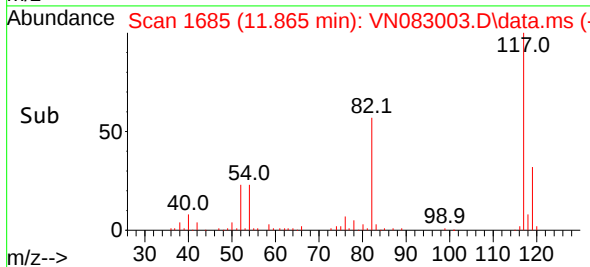
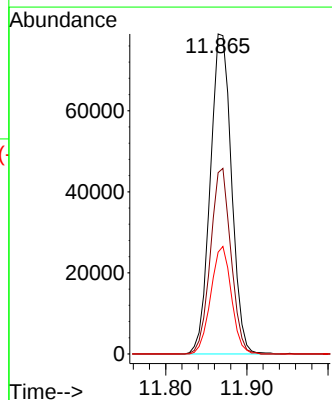
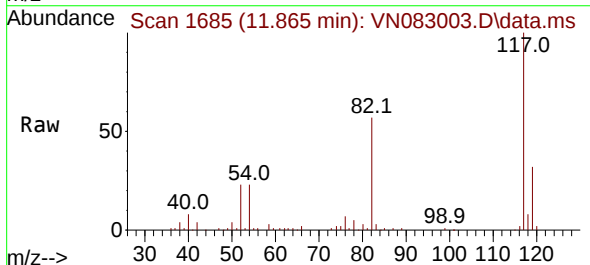
Instrument :
MSVOA_N
ClientSampleId :

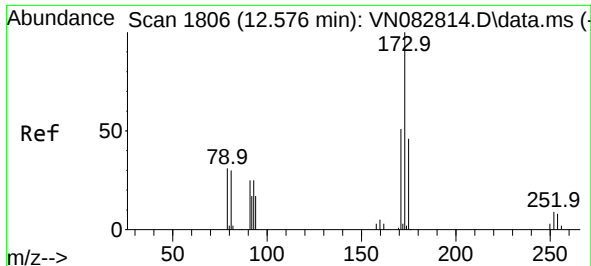
Tgt Ion: 95 Resp: 54777
Ion Ratio Lower Upper
95 100
174 81.9 0.0 159.2
176 79.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

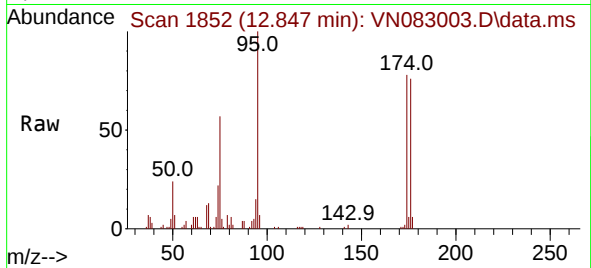
Tgt Ion: 117 Resp: 143309
Ion Ratio Lower Upper
117 100
82 56.6 47.5 71.3
119 31.8 25.6 38.4



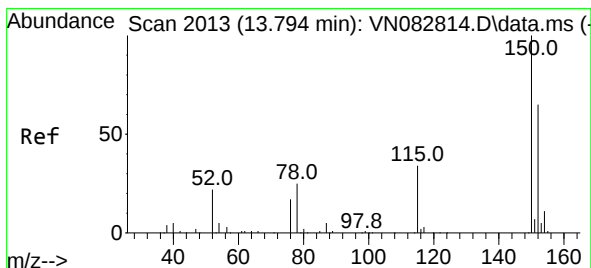
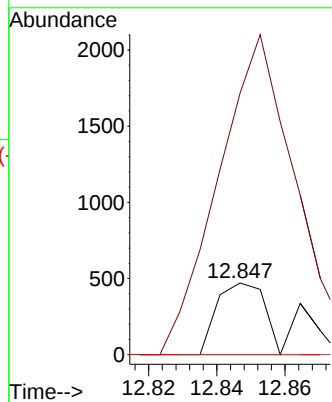
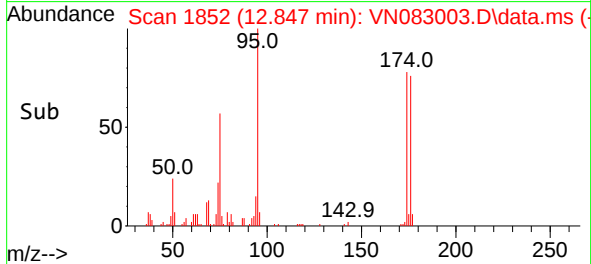


#71
Bromoform
Concen: 0.532 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

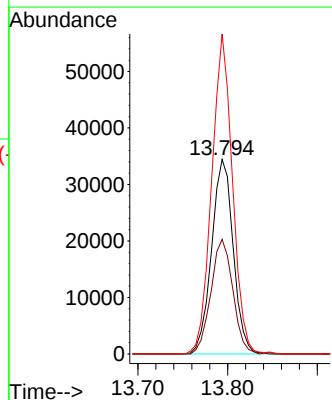
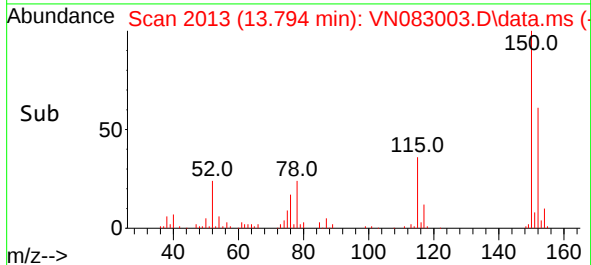
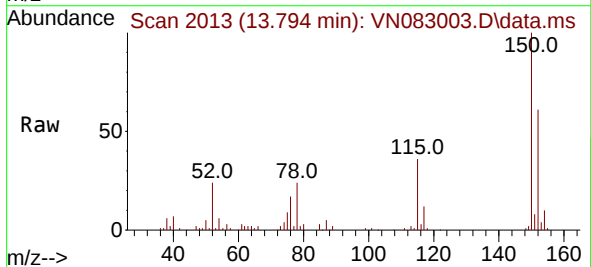


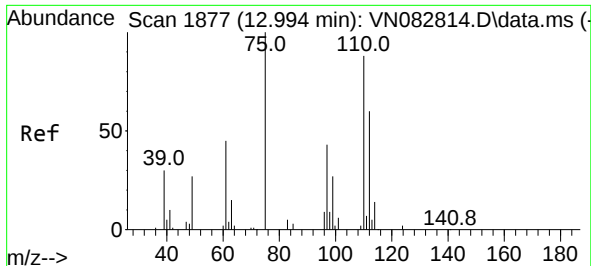
Tgt Ion:173 Resp: 457
Ion Ratio Lower Upper
173 100
175 581.8 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

Tgt Ion:152 Resp: 57705
Ion Ratio Lower Upper
152 100
115 59.6 30.6 91.6
150 157.5 0.0 348.6

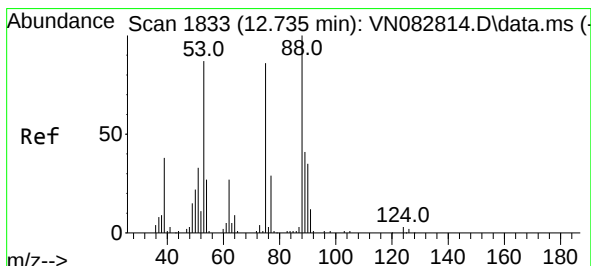
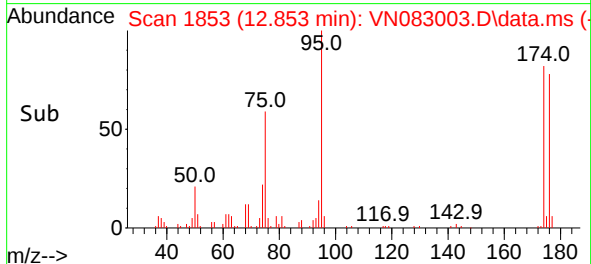
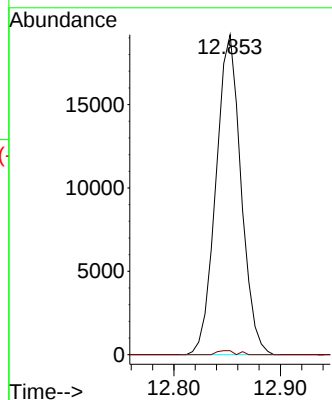
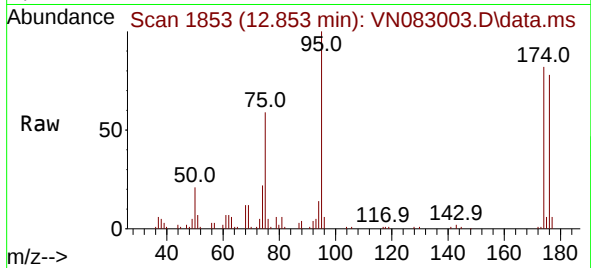




#76
1,2,3-Trichloropropane
Concen: 31.504 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 31342
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.959 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN083003.D
Acq: 22 Jul 2024 14:47

Tgt Ion: 75 Resp: 31342
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

