

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
 Data File : VN083048.D
 Acq On : 26 Jul 2024 13:46
 Operator : JC\MD
 Sample : P3323-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 26 23:06:04 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)

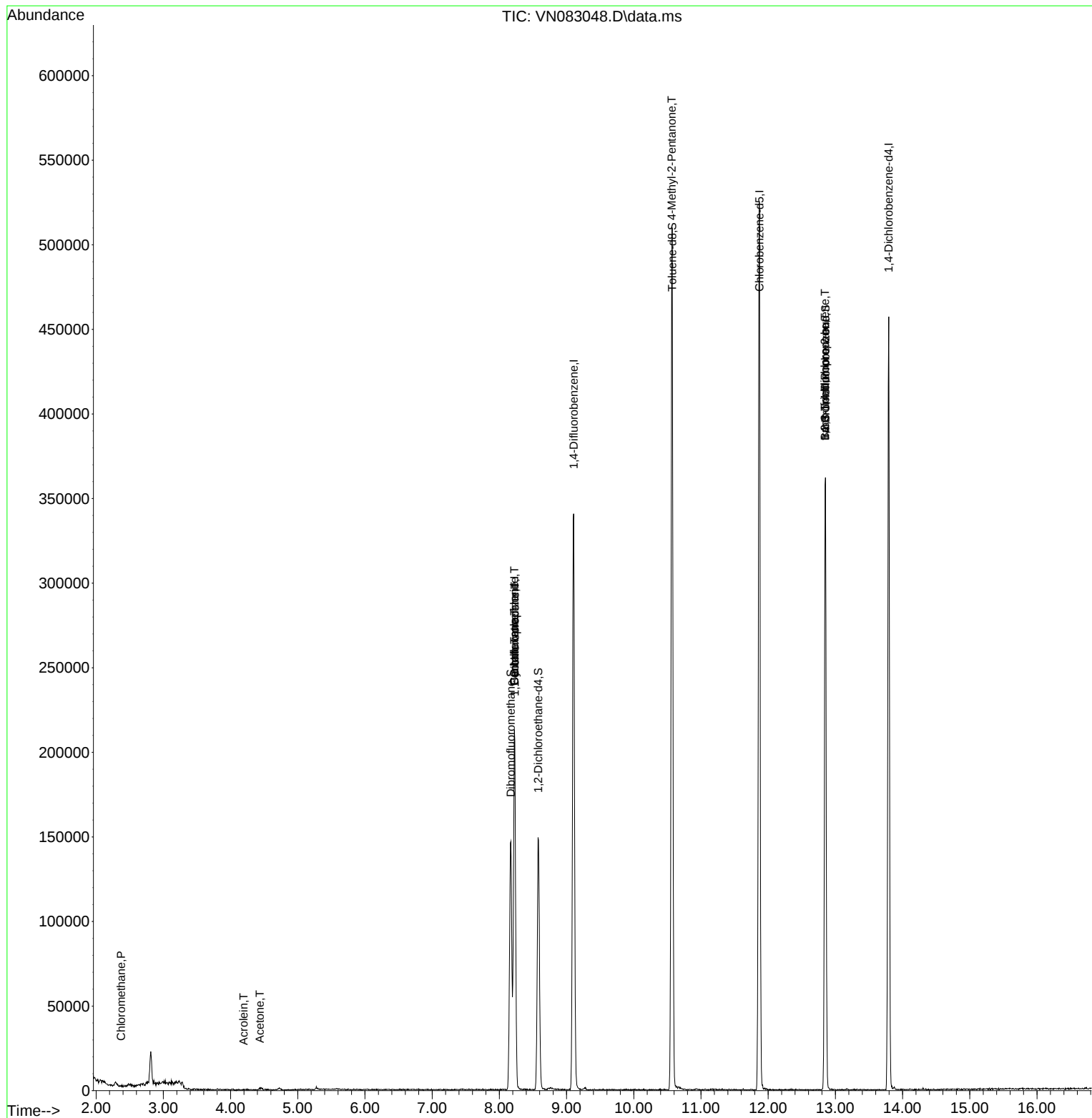
Internal Standards						
1) Pentafluorobenzene	8.224	168	144401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	282538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	297974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121935	60.238	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 120.480%		
35) Dibromofluoromethane	8.171	113	101580	56.029	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 112.060%		
50) Toluene-d8	10.571	98	343760	51.337	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.680%		
62) 4-Bromofluorobenzene	12.853	95	110686	46.017	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 92.040%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	487	0.275	ug/l #	43
13) Acrolein	4.195	56	58	0.236	ug/l #	14
16) Acetone	4.436	43	1200	1.684	ug/l #	86
31) Cyclohexane	8.224	56	4209	1.590	ug/l #	33
36) 1,1-Dichloropropene	8.230	75	13386	5.355	ug/l #	43
38) Carbon Tetrachloride	8.224	117	15696	5.215	ug/l #	17
43) Isopropyl Acetate	8.730	43	491	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1428	0.566	ug/l #	1
71) Bromoform	12.847	173	1267	0.709	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	65913	32.280	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65913	63.486	ug/l #	6

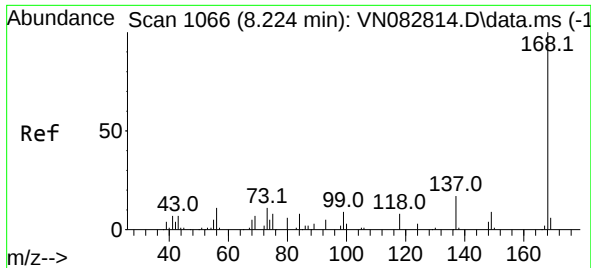
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072624\
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Quant Time: Jul 26 23:06:04 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

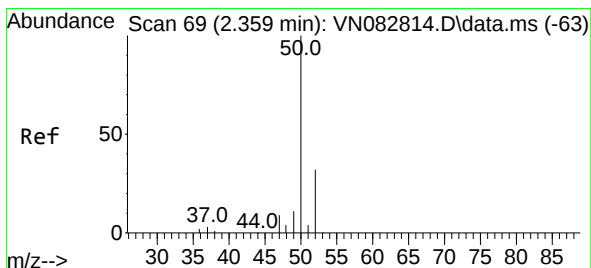
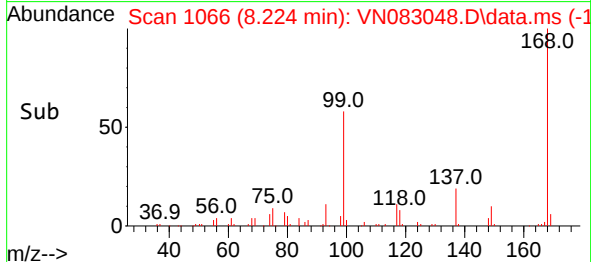
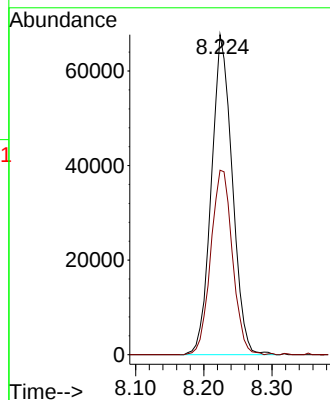
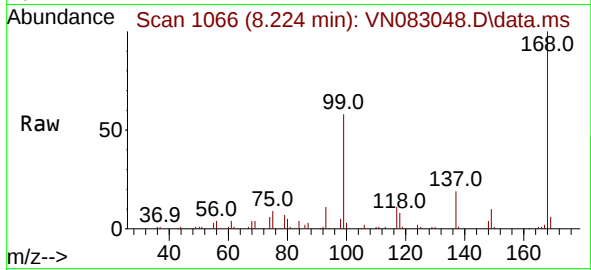




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083048.D
Acq: 26 Jul 2024 13:46

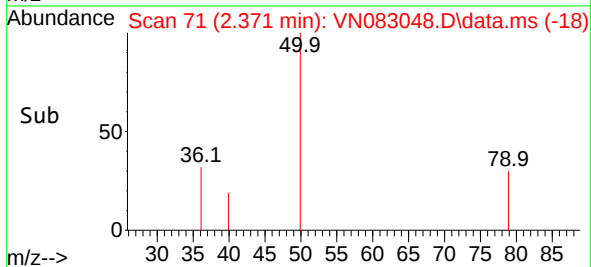
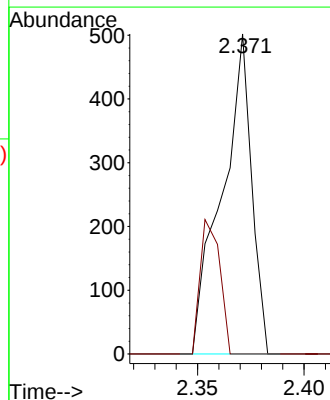
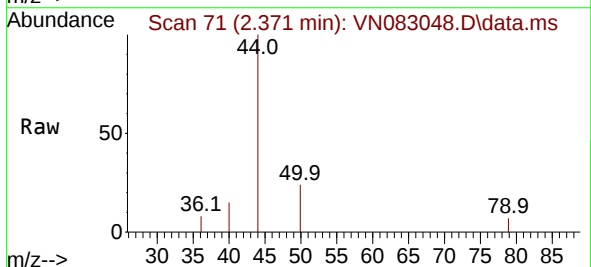
Instrument :
MSVOA_N
ClientSampleId :

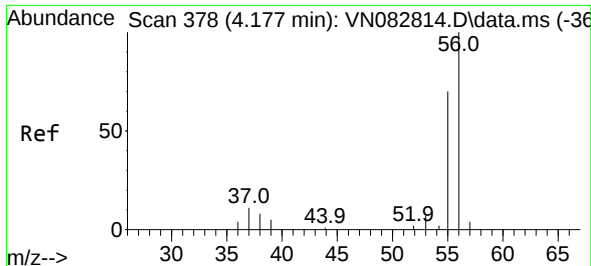
Tgt Ion:168 Resp: 144401
Ion Ratio Lower Upper
168 100
99 57.7 48.2 72.4



#3
Chloromethane
Concen: 0.275 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN083048.D
Acq: 26 Jul 2024 13:46

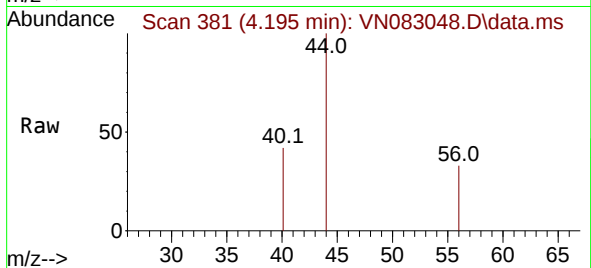
Tgt Ion: 50 Resp: 487
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



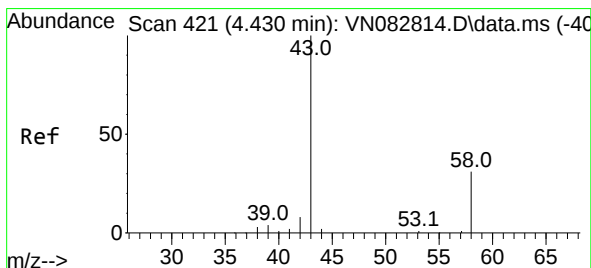
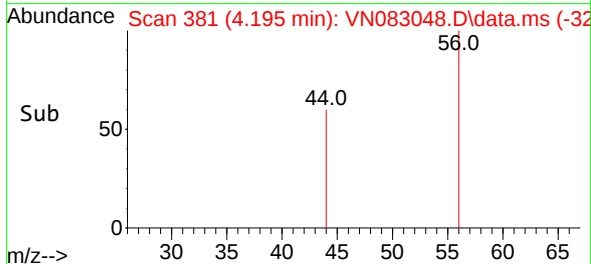
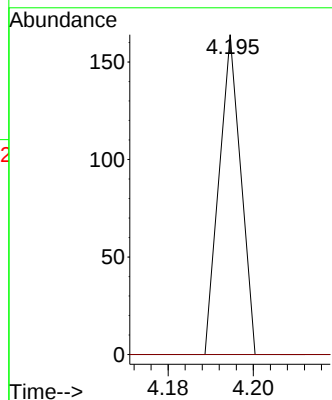


#13
Acrolein
Concen: 0.236 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN083048.D
Acq: 26 Jul 2024 13:46

Instrument :
MSVOA_N
ClientSampleId :

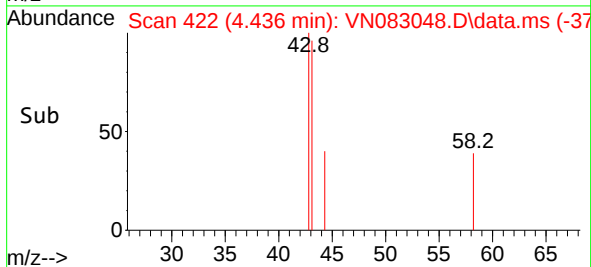
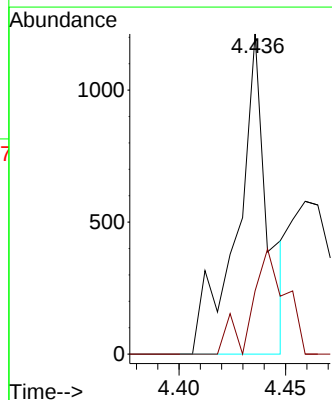
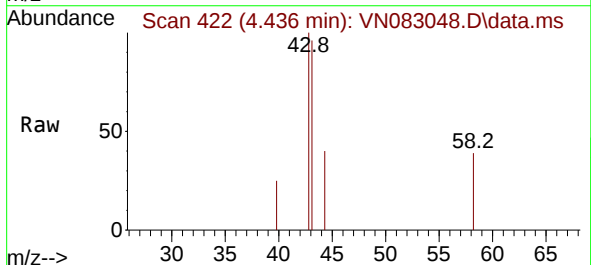


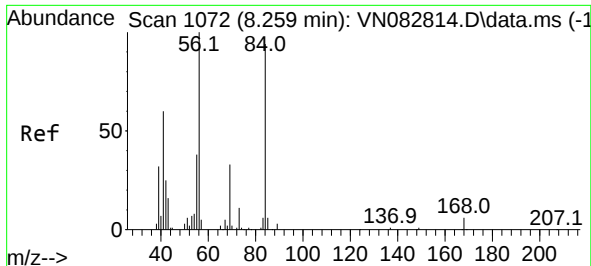
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.684 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083048.D
Acq: 26 Jul 2024 13:46

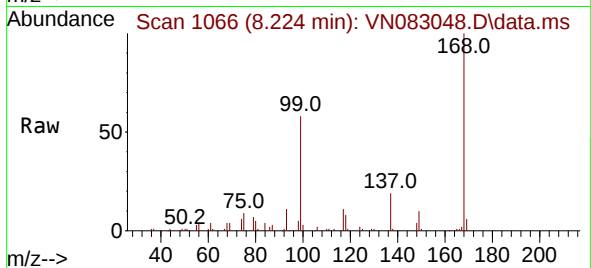
Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
58 19.7 21.8 32.6#



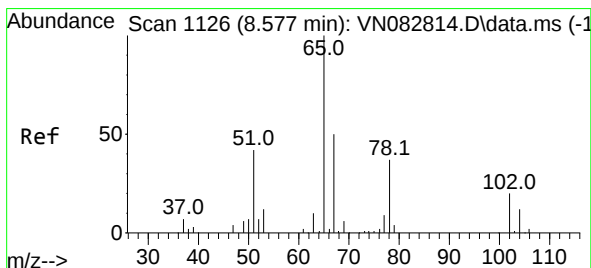
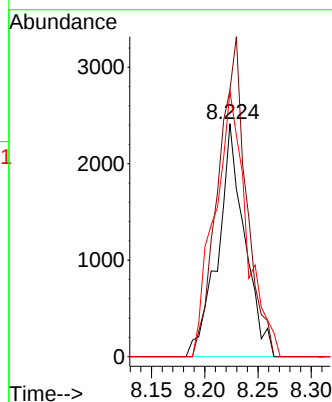
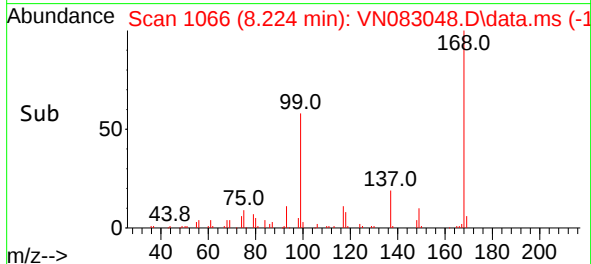


#31
Cyclohexane
Concen: 1.590 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083048.D
Acq: 26 Jul 2024 13:46

Instrument :
MSVOA_N
ClientSampleId :

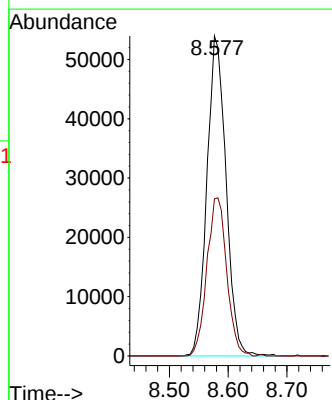
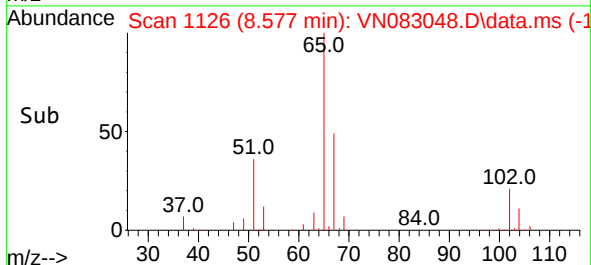
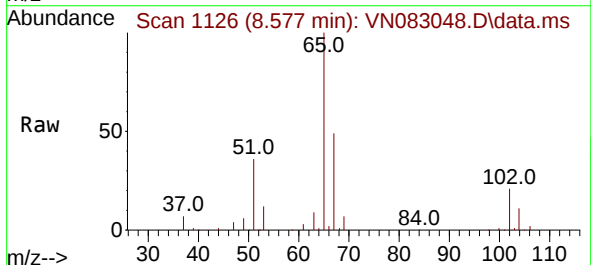


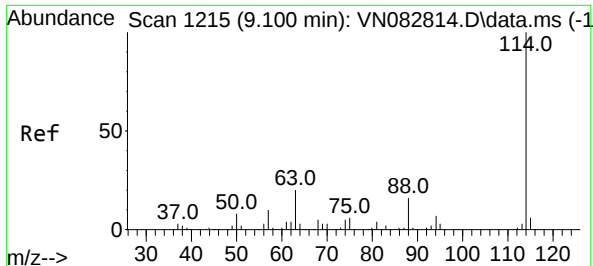
Tgt Ion: 56 Resp: 4209
Ion Ratio Lower Upper
56 100
69 114.5 24.5 36.7#
84 113.8 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 60.238 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083048.D
Acq: 26 Jul 2024 13:46

Tgt Ion: 65 Resp: 121935
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 114

Delta R.T. -0.000 min

Lab File: VN083048.D

Acq: 26 Jul 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

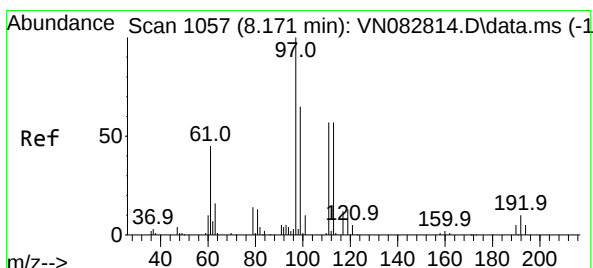
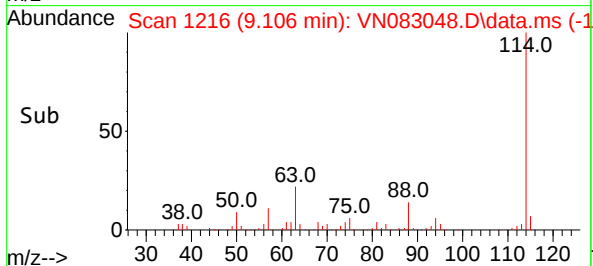
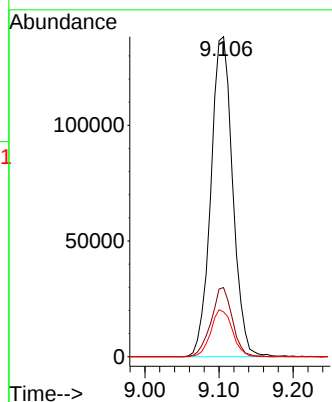
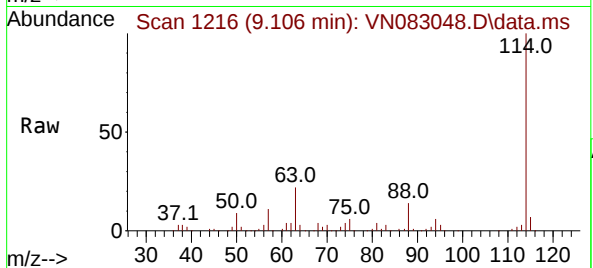
Tgt Ion:114 Resp: 282538

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.6

88 14.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 56.029 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083048.D

Acq: 26 Jul 2024 13:46

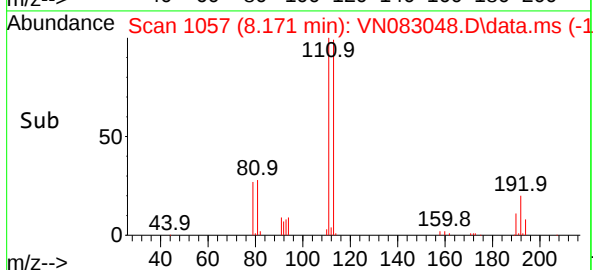
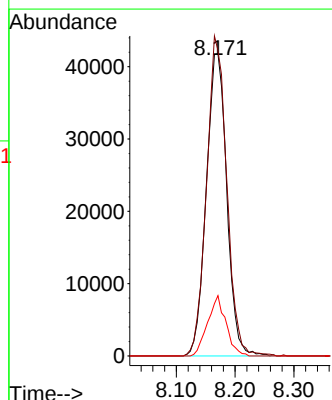
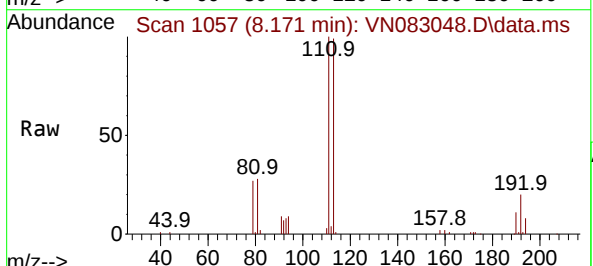
Tgt Ion:113 Resp: 101580

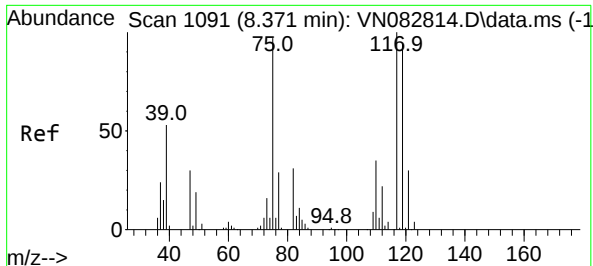
Ion Ratio Lower Upper

113 100

111 104.2 82.4 123.6

192 17.8 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.355 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

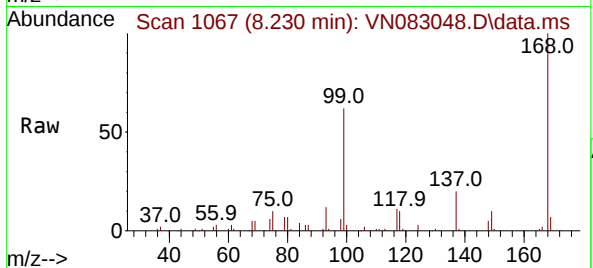
Lab File: VN083048.D

Acq: 26 Jul 2024 13:46

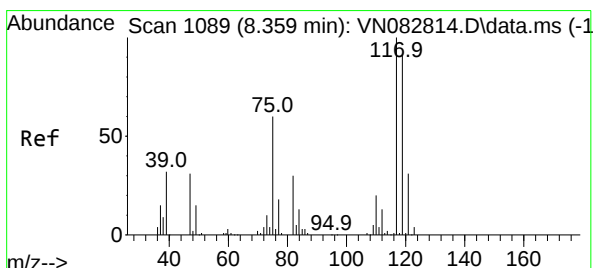
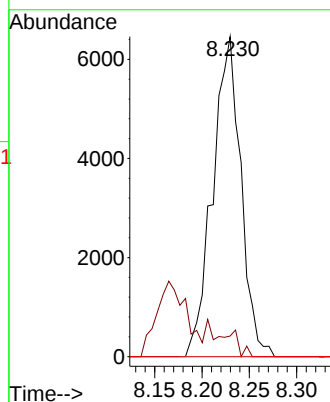
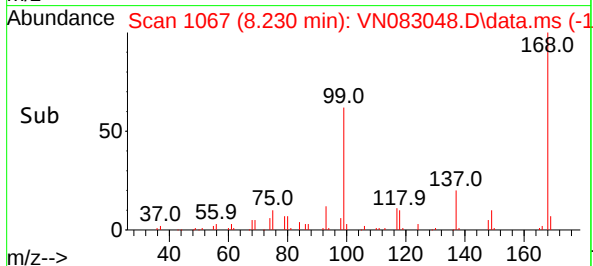
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	13386
Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

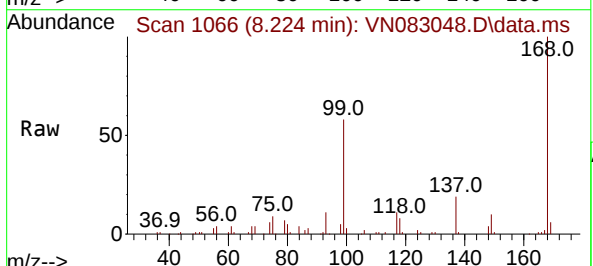
Concen: 5.215 ug/l

RT: 8.224 min Scan# 1066

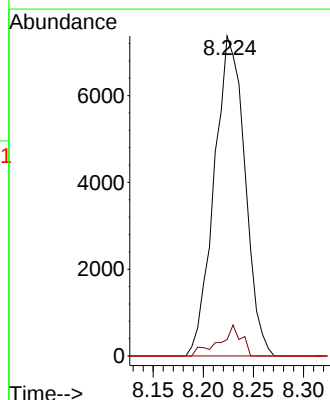
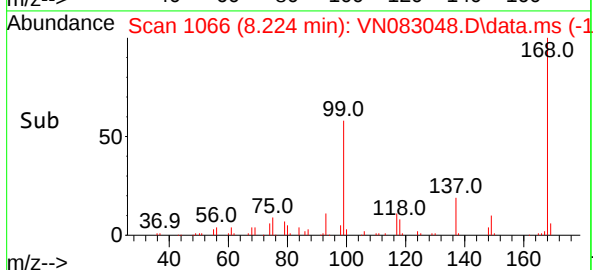
Delta R.T. -0.141 min

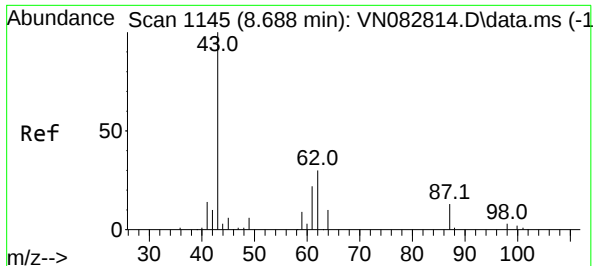
Lab File: VN083048.D

Acq: 26 Jul 2024 13:46



Tgt Ion:	117	Resp:	15696
Ion	Ratio	Lower	Upper
117	100		
119	5.1	74.9	112.3#
121	0.0	24.3	36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.730 min Scan# 1145

Delta R.T. 0.036 min

Lab File: VN083048.D

Acq: 26 Jul 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

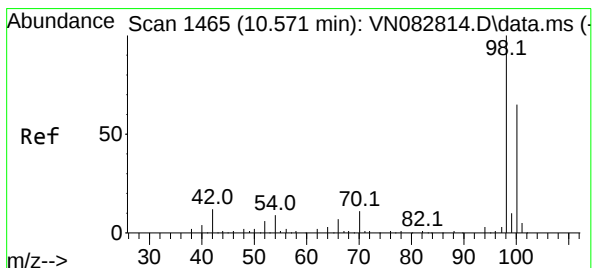
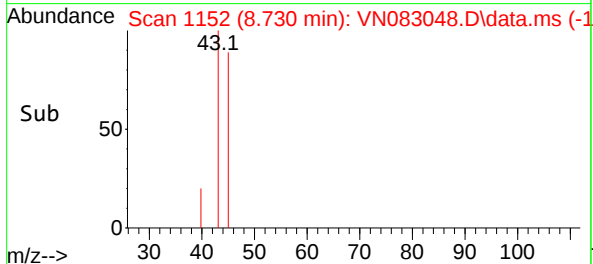
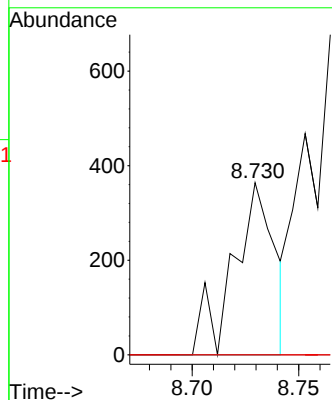
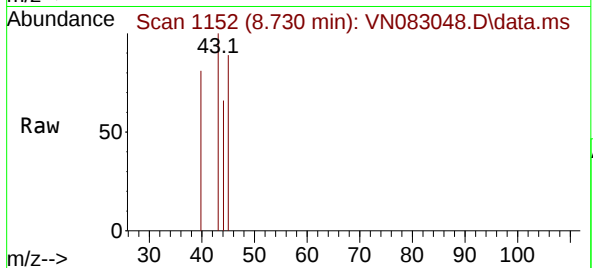
Tgt Ion: 43 Resp: 491

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#50

Toluene-d8

Concen: 51.337 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.001 min

Lab File: VN083048.D

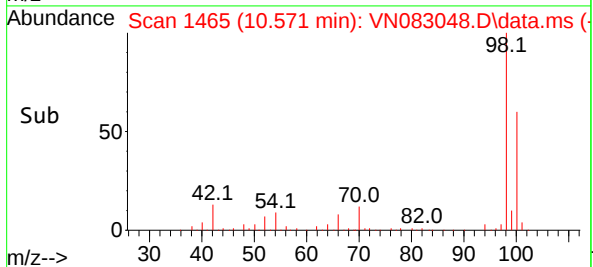
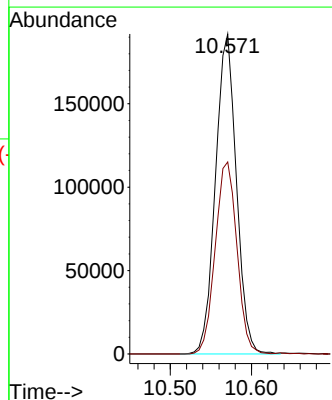
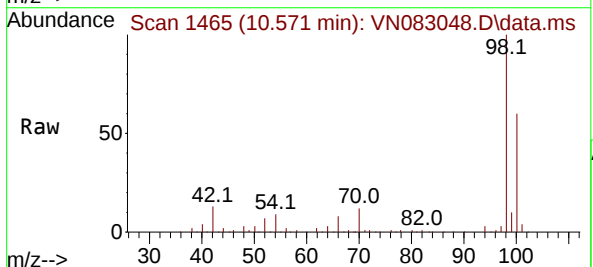
Acq: 26 Jul 2024 13:46

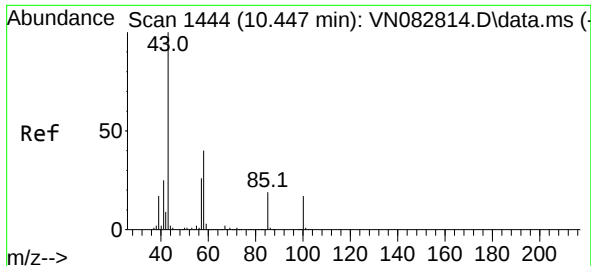
Tgt Ion: 98 Resp: 343760

Ion Ratio Lower Upper

98 100

100 62.2 51.5 77.3

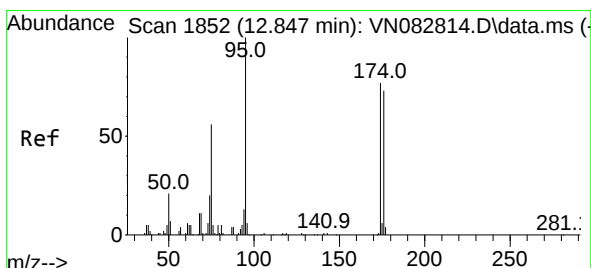
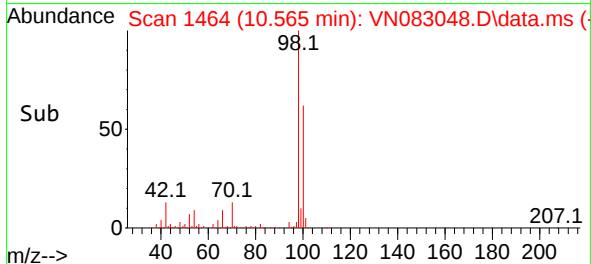
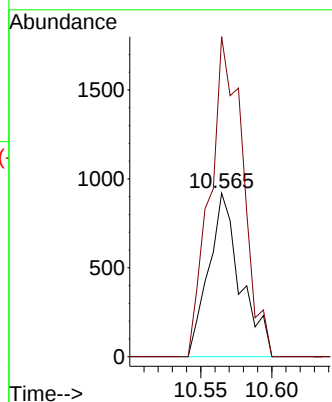
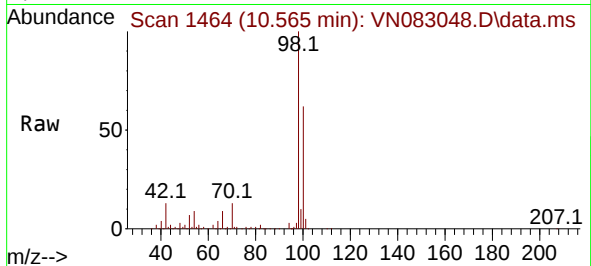




#51
4-Methyl-2-Pentanone
Concen: 0.566 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN083048.D
Acq: 26 Jul 2024 13:46

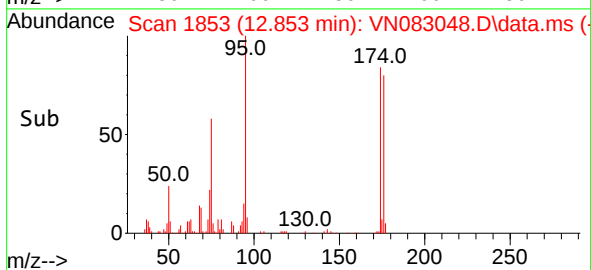
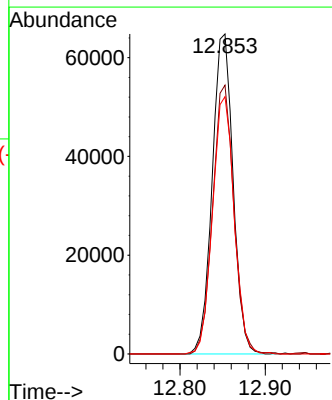
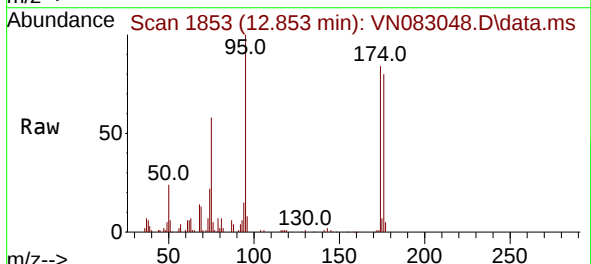
Instrument :
MSVOA_N
ClientSampleId :

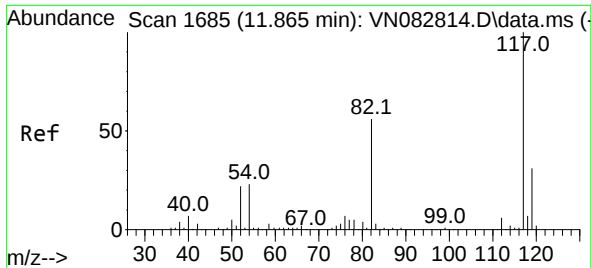
Tgt Ion: 43 Resp: 1428
Ion Ratio Lower Upper
43 100
58 203.2 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 46.017 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083048.D
Acq: 26 Jul 2024 13:46

Tgt Ion: 95 Resp: 110686
Ion Ratio Lower Upper
95 100
174 84.6 0.0 159.2
176 83.0 0.0 147.6

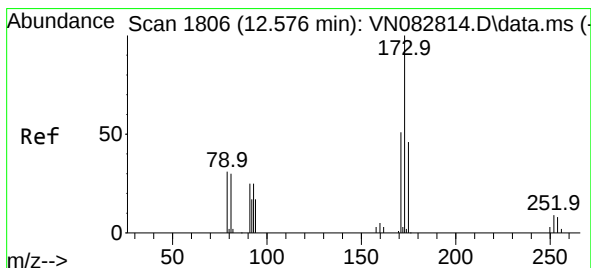
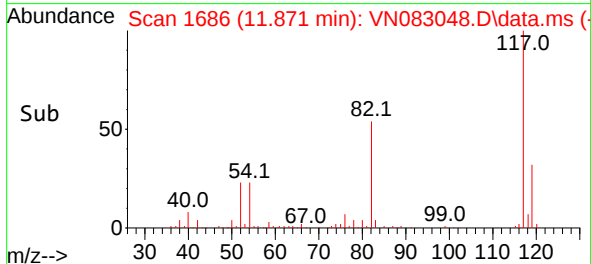
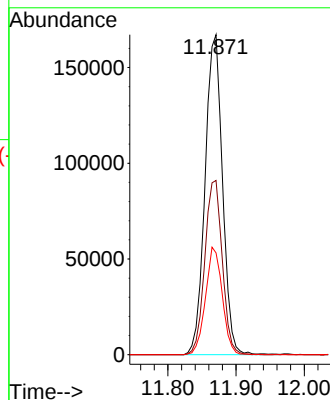
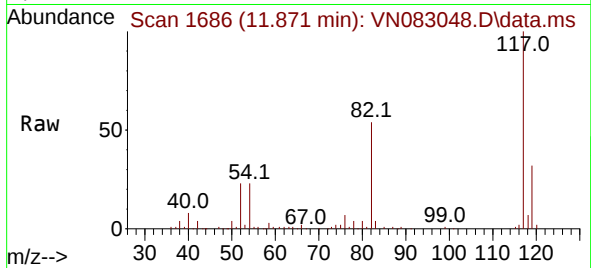




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN083048.D
Acq: 26 Jul 2024 13:46

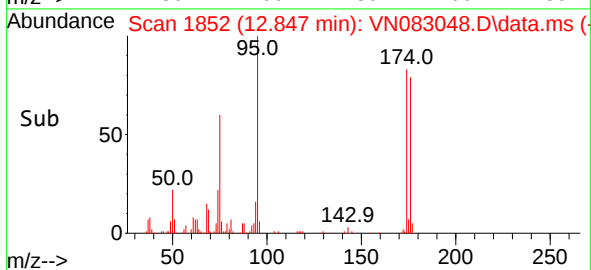
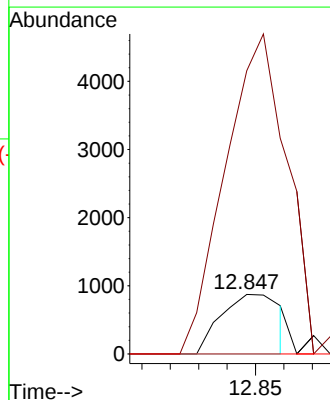
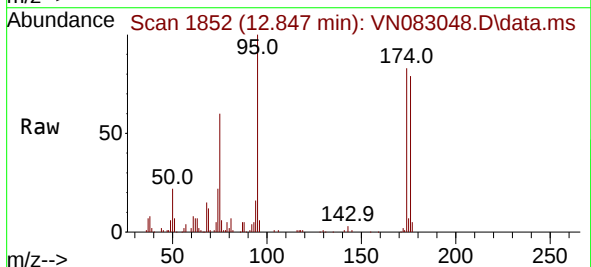
Instrument :
MSVOA_N
ClientSampleId :

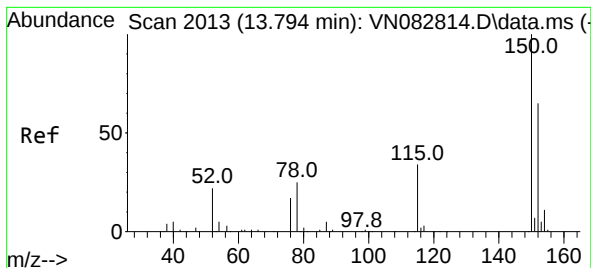
Tgt Ion:117 Resp: 297974
Ion Ratio Lower Upper
117 100
82 54.4 47.5 71.3
119 31.8 25.6 38.4



#71
Bromoform
Concen: 0.709 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN083048.D
Acq: 26 Jul 2024 13:46

Tgt Ion:173 Resp: 1267
Ion Ratio Lower Upper
173 100
175 490.5 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# 20

Delta R.T. -0.000 min MSVOA_N

Lab File: VN083048.D

Acq: 26 Jul 2024 13:46

Instrument :

MSVOA_N

ClientSampleId :

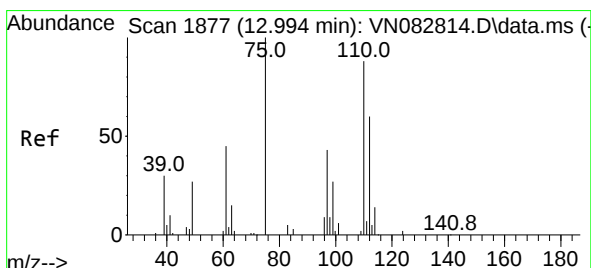
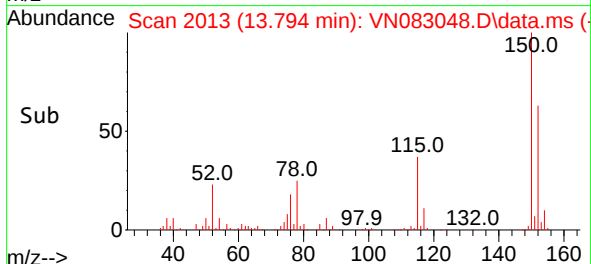
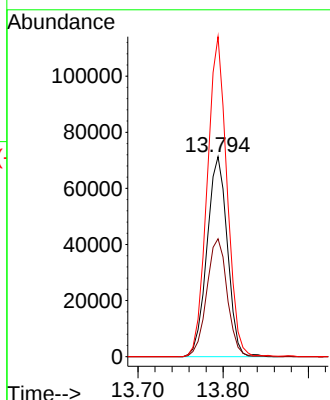
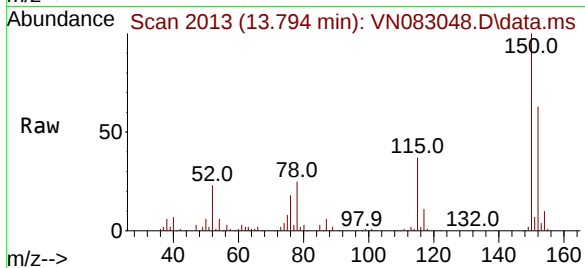
Tgt Ion:152 Resp: 118436

Ion Ratio Lower Upper

152 100

115 59.2 30.6 91.6

150 155.2 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 32.280 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083048.D

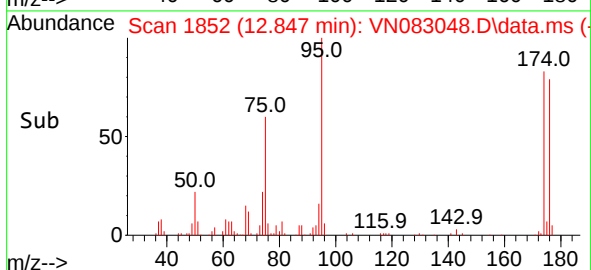
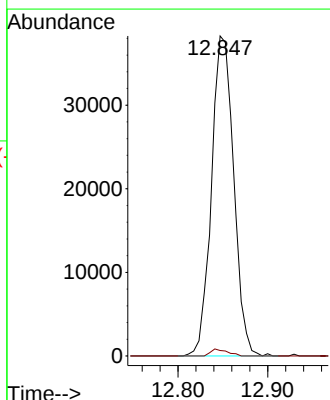
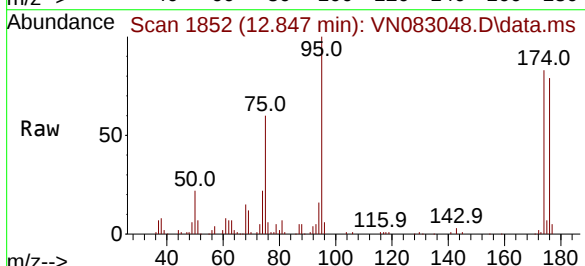
Acq: 26 Jul 2024 13:46

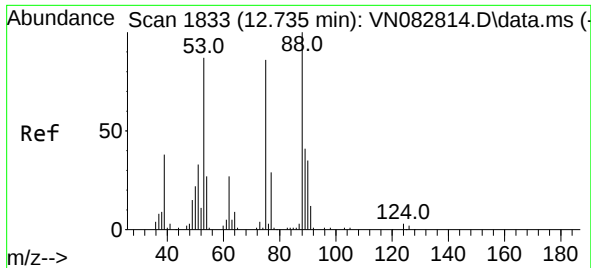
Tgt Ion: 75 Resp: 65913

Ion Ratio Lower Upper

75 100

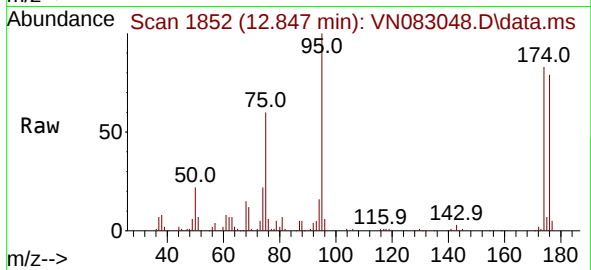
77 1.6 110.9 332.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.486 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN083048.D
Acq: 26 Jul 2024 13:46

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 65913
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.1 36.3 54.5#

