

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083498.D
 Acq On : 27 Aug 2024 10:04
 Operator : JC\MD
 Sample : VN0827WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 28 01:40:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

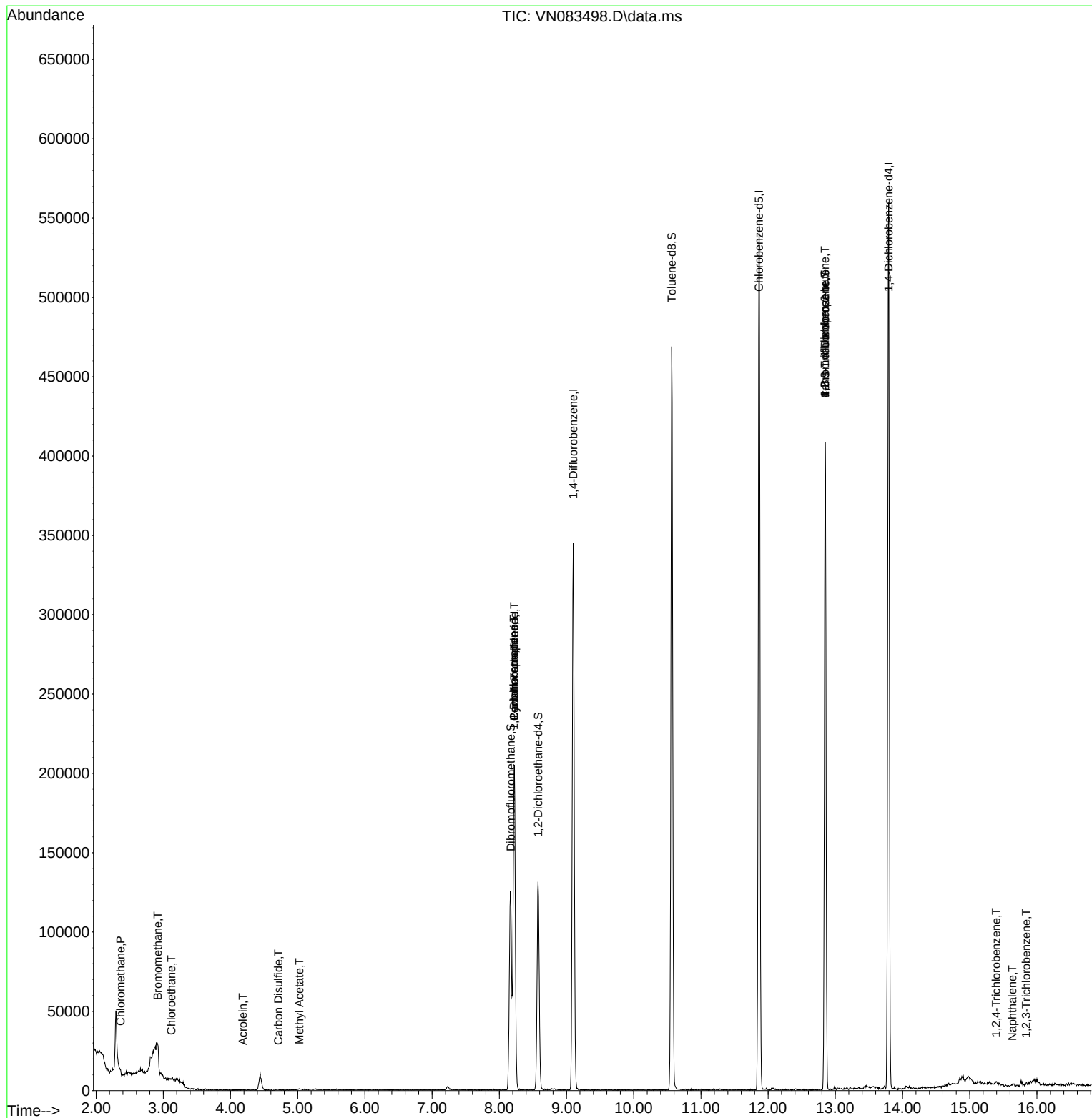
Internal Standards						
1) Pentafluorobenzene	8.224	168	141137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111873	55.688	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.380%	
35) Dibromofluoromethane	8.171	113	89829	50.547	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.100%	
50) Toluene-d8	10.565	98	320049	48.279	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.560%	
62) 4-Bromofluorobenzene	12.847	95	140082	54.202	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	108.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	744	0.454	ug/l #	86
5) Bromomethane	2.918	94	450	0.434	ug/l #	1
6) Chloroethane	3.118	64	503	0.481	ug/l #	41
13) Acrolein	4.183	56	71	0.261	ug/l	83
17) Carbon Disulfide	4.712	76	926	0.202	ug/l #	75
18) Methyl Acetate	5.024	43	1352	0.577	ug/l #	56
31) Cyclohexane	8.224	56	3551	1.193	ug/l #	15
36) 1,1-Dichloropropene	8.218	75	13073	4.863	ug/l #	50
38) Carbon Tetrachloride	8.224	117	16179	5.343	ug/l #	16
43) Isopropyl Acetate	8.688	43	93	Below Cal	#	60
76) 1,2,3-Trichloropropane	12.847	75	79273	25.340	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	79273	55.120	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.394	180	734	0.272	ug/l	78
95) Naphthalene	15.635	128	2197	0.230	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.841	180	566	0.212	ug/l #	85

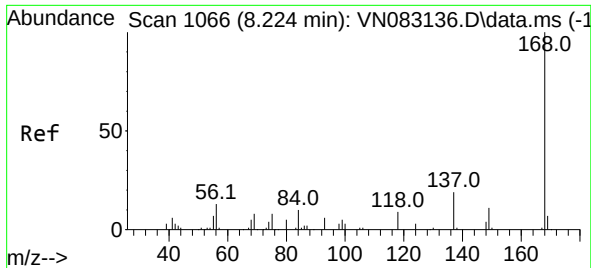
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
Data File : VN083498.D
Acq On : 27 Aug 2024 10:04
Operator : JC\MD
Sample : VN0827WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

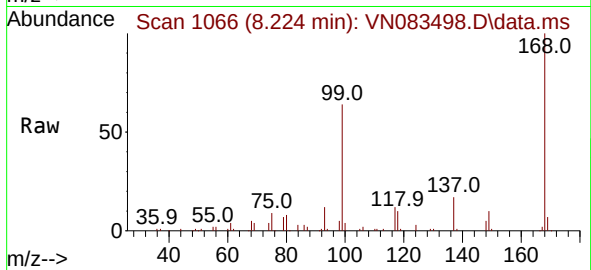
Quant Time: Aug 28 01:40:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



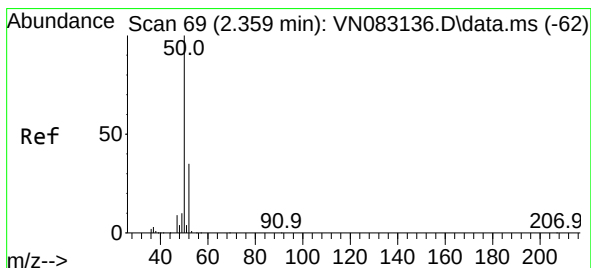
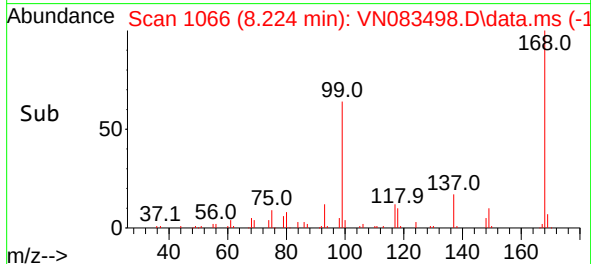
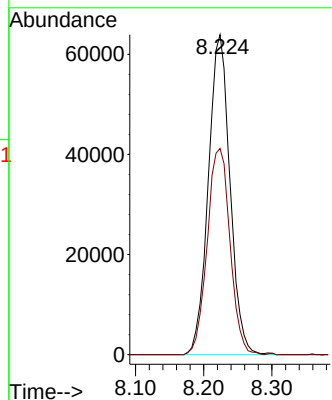


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083498.D
Acq: 27 Aug 2024 10:04

Instrument :
MSVOA_N
ClientSampleId :

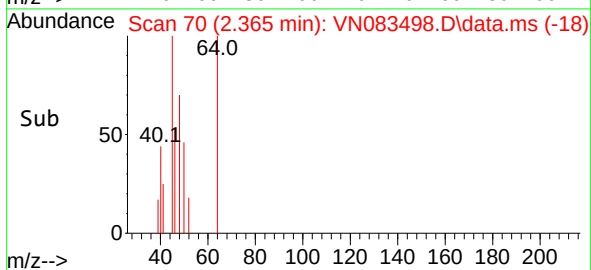
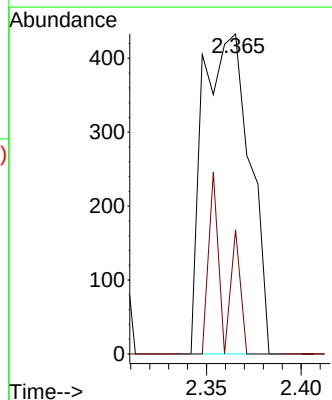
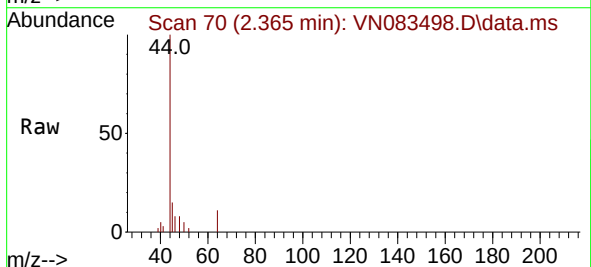


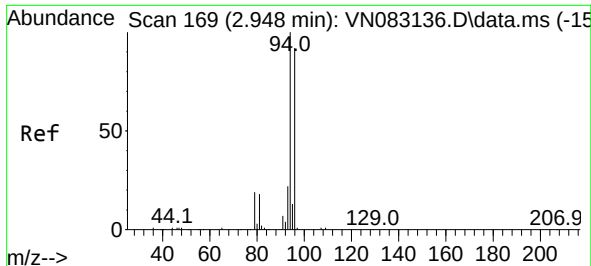
Tgt Ion:168 Resp: 141137
Ion Ratio Lower Upper
168 100
99 64.4 48.2 72.4



#3
Chloromethane
Concen: 0.454 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083498.D
Acq: 27 Aug 2024 10:04

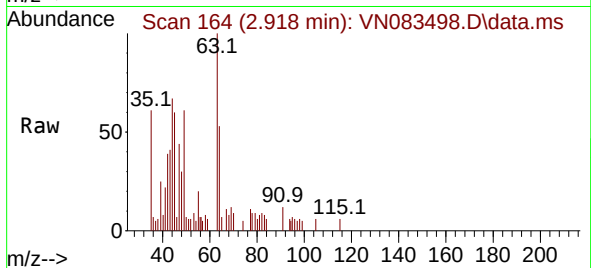
Tgt Ion: 50 Resp: 744
Ion Ratio Lower Upper
50 100
52 38.8 25.0 37.4#



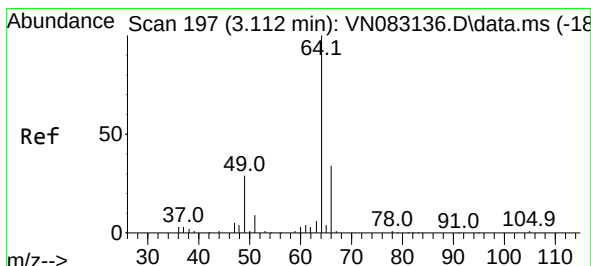
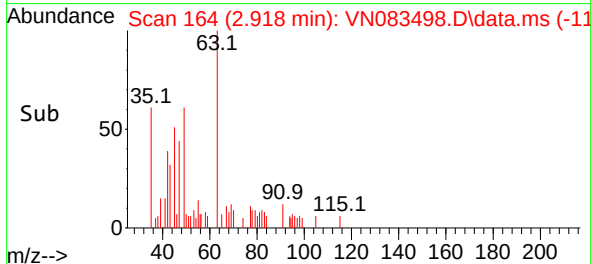
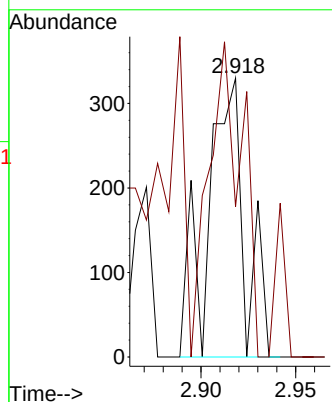


#5
Bromomethane
Concen: 0.434 ug/l
RT: 2.918 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN083498.D
Acq: 27 Aug 2024 10:04

Instrument :
MSVOA_N
ClientSampleId :

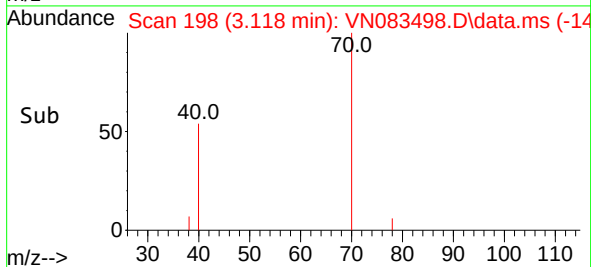
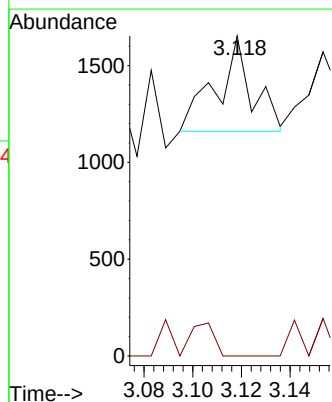
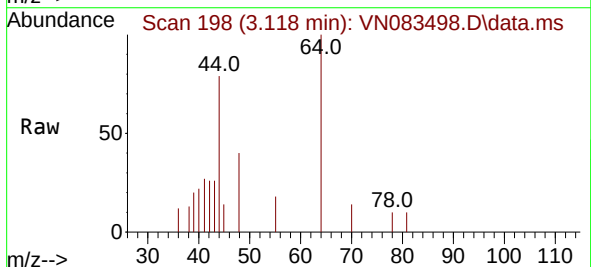


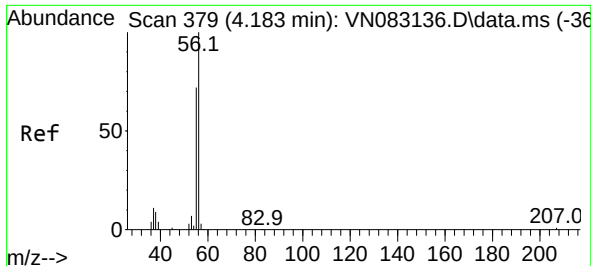
Tgt Ion: 94 Resp: 450
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



#6
Chloroethane
Concen: 0.481 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN083498.D
Acq: 27 Aug 2024 10:04

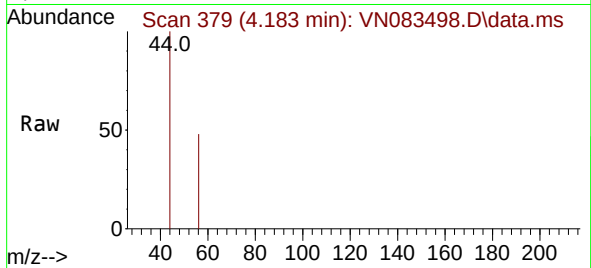
Tgt Ion: 64 Resp: 503
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



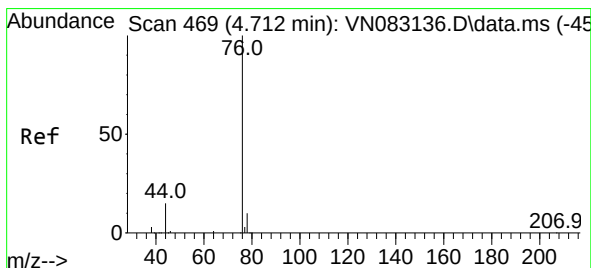
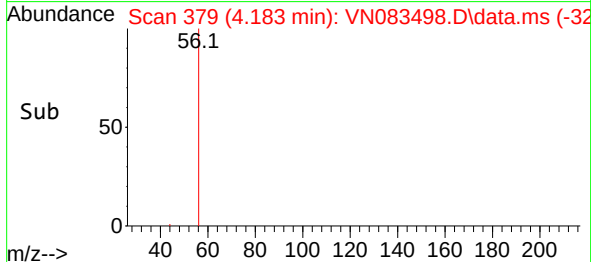
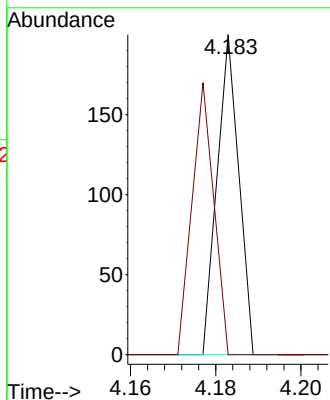


#13
Acrolein
Concen: 0.261 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN083498.D
Acq: 27 Aug 2024 10:04

Instrument :
MSVOA_N
ClientSampleId :

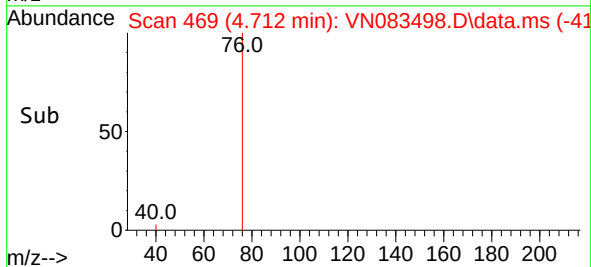
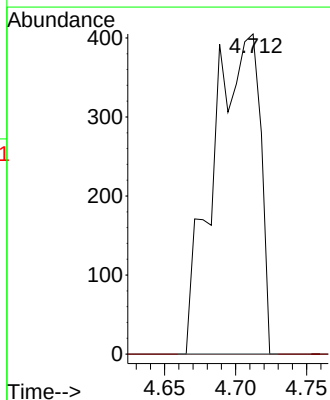
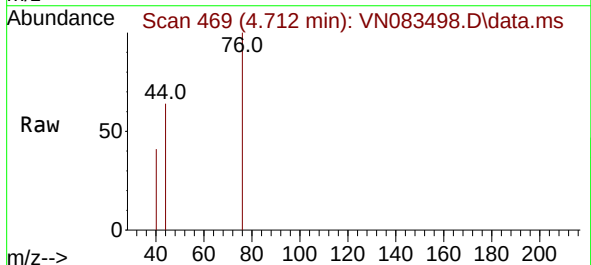


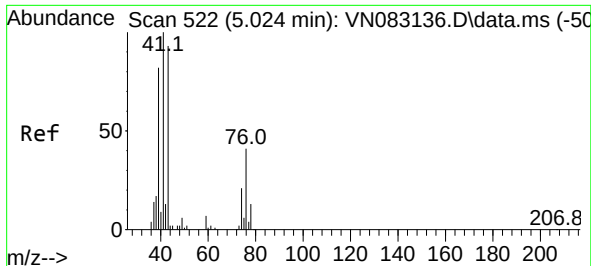
Tgt Ion: 56 Resp: 71
Ion Ratio Lower Upper
56 100
55 84.5 56.4 84.6



#17
Carbon Disulfide
Concen: 0.202 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083498.D
Acq: 27 Aug 2024 10:04

Tgt Ion: 76 Resp: 926
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.577 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.000 min

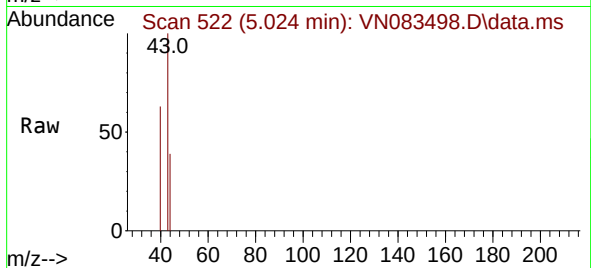
Lab File: VN083498.D

Acq: 27 Aug 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

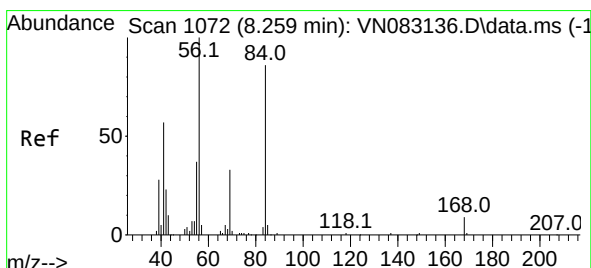
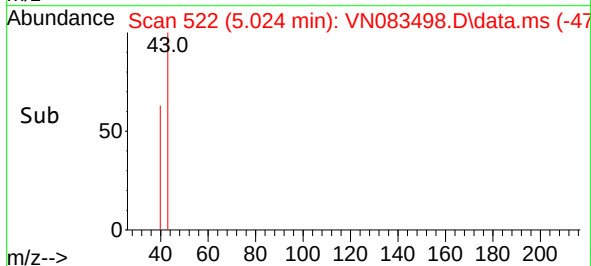
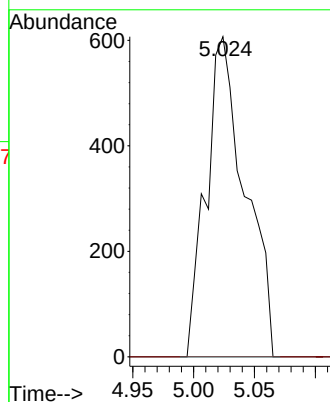


Tgt Ion: 43 Resp: 1352

Ion Ratio Lower Upper

43 100

74 0.0 16.3 24.5#



#31

Cyclohexane

Concen: 1.193 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN083498.D

Acq: 27 Aug 2024 10:04

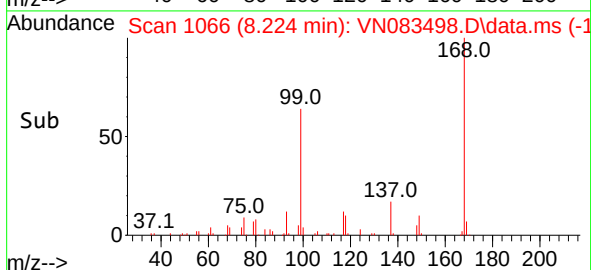
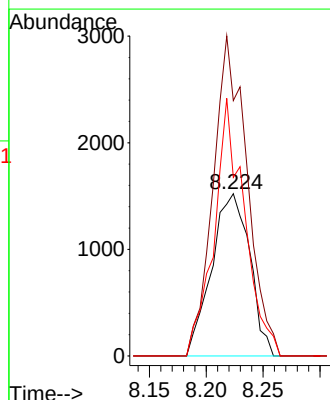
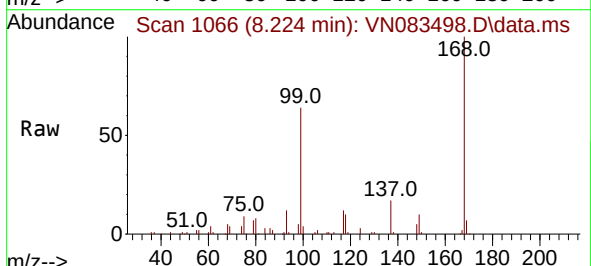
Tgt Ion: 56 Resp: 3551

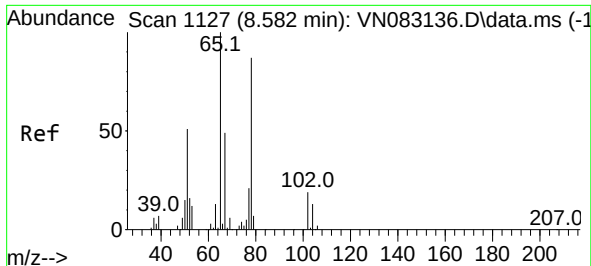
Ion Ratio Lower Upper

56 100

69 157.4 24.5 36.7#

84 110.1 66.0 99.0#





#33

1,2-Dichloroethane-d4

Concen: 55.688 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

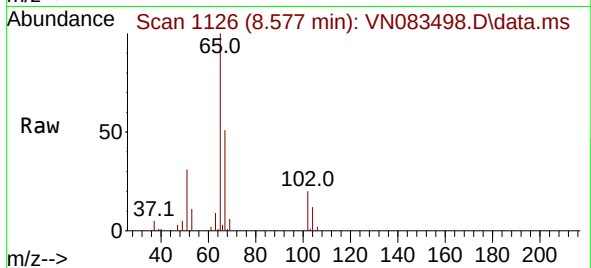
Lab File: VN083498.D

Acq: 27 Aug 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

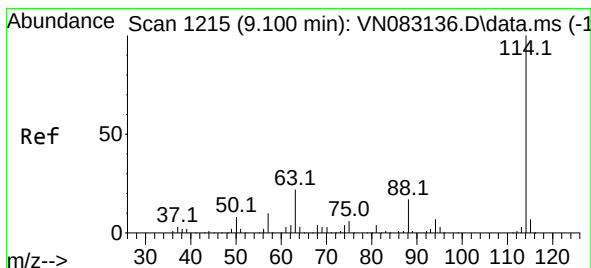
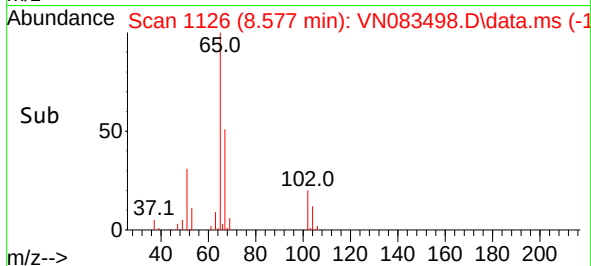
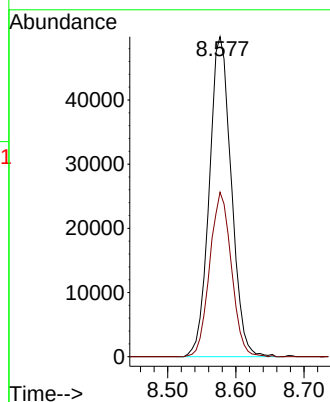


Tgt Ion: 65 Resp: 111873

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083498.D

Acq: 27 Aug 2024 10:04

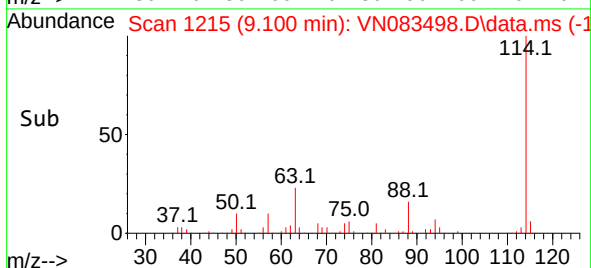
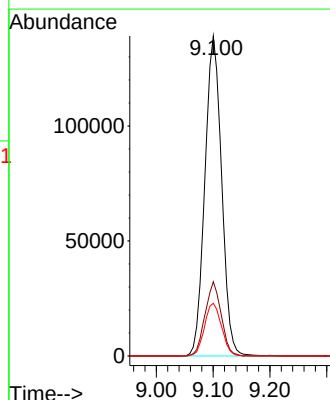
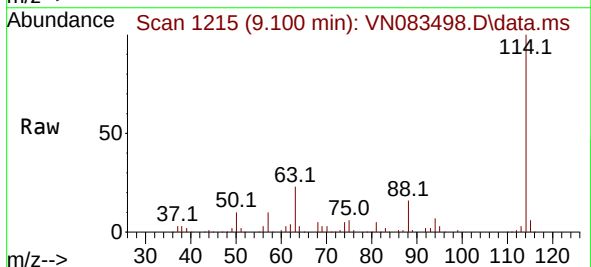
Tgt Ion: 114 Resp: 284718

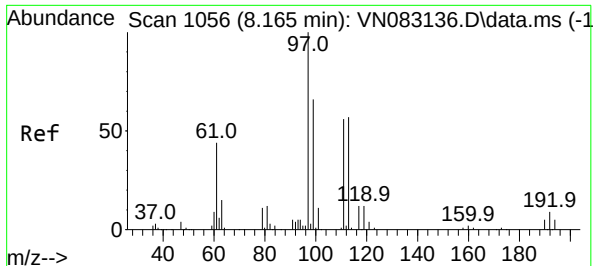
Ion Ratio Lower Upper

114 100

63 23.2 0.0 44.6

88 16.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.547 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083498.D

Acq: 27 Aug 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

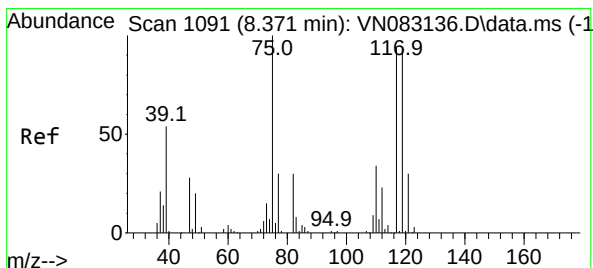
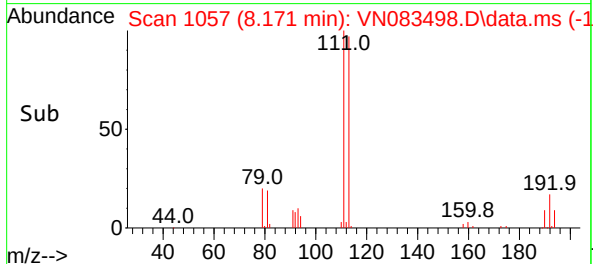
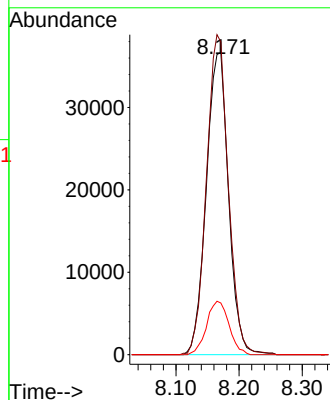
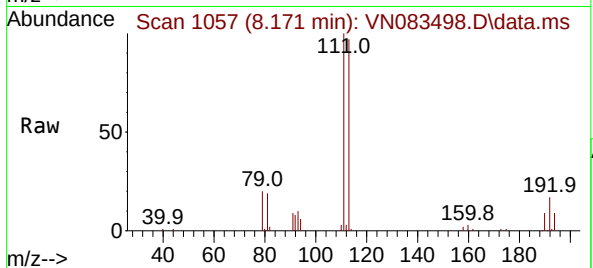
Tgt Ion:113 Resp: 89829

Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

192 17.8 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.863 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083498.D

Acq: 27 Aug 2024 10:04

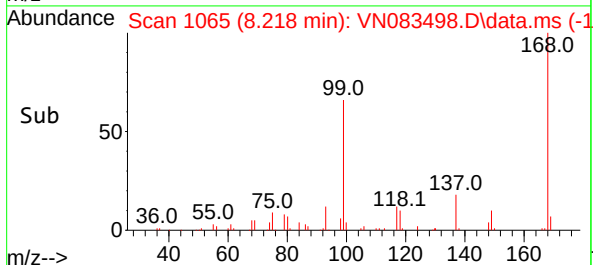
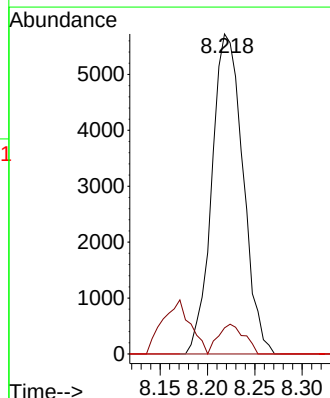
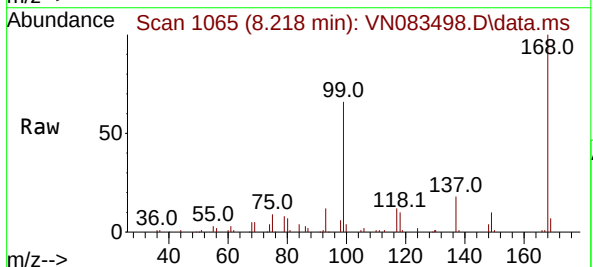
Tgt Ion: 75 Resp: 13073

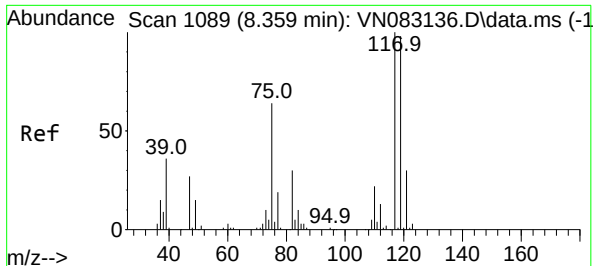
Ion Ratio Lower Upper

75 100

110 7.7 16.3 48.9#

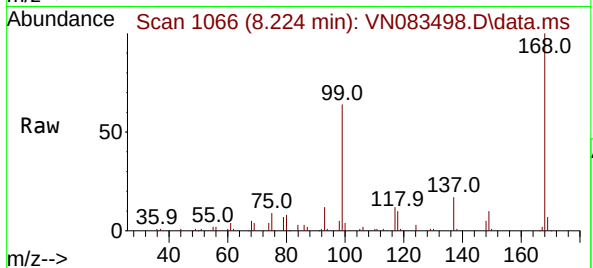
77 0.0 24.6 37.0#



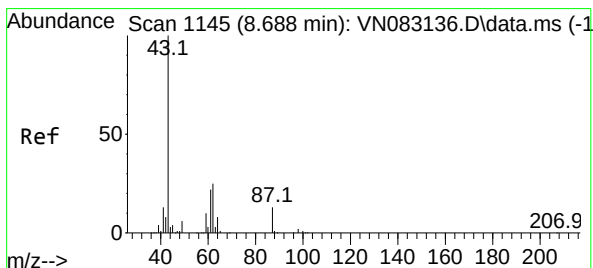
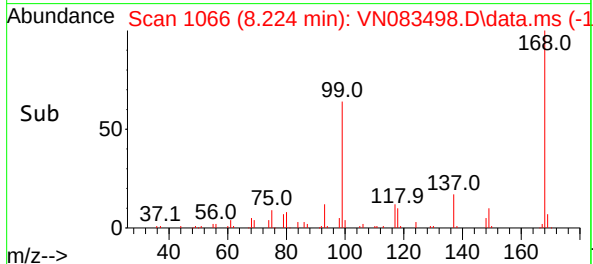
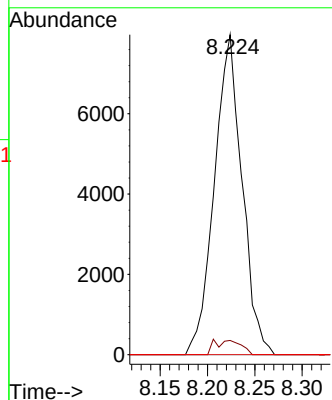


#38
Carbon Tetrachloride
Concen: 5.343 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083498.D
Acq: 27 Aug 2024 10:04

Instrument :
MSVOA_N
ClientSampleId :

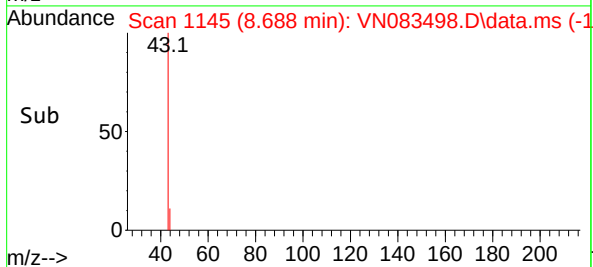
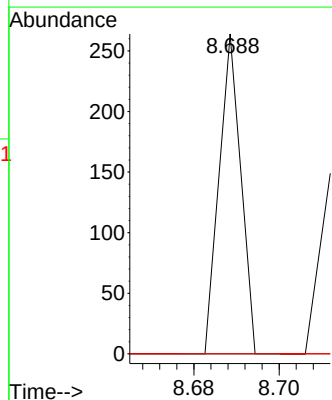
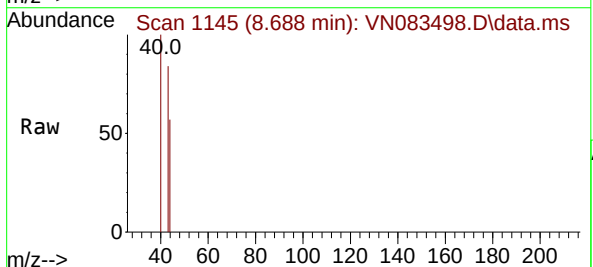


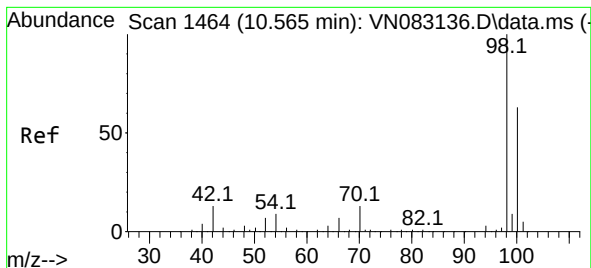
Tgt Ion: 117 Resp: 16179
Ion Ratio Lower Upper
117 100
119 4.5 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083498.D
Acq: 27 Aug 2024 10:04

Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#

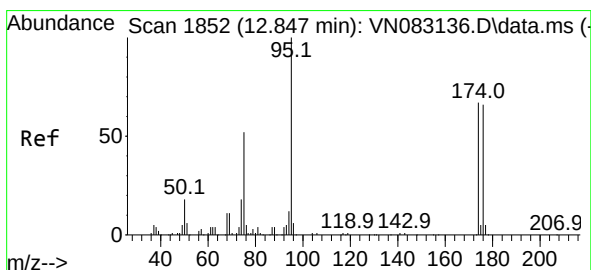
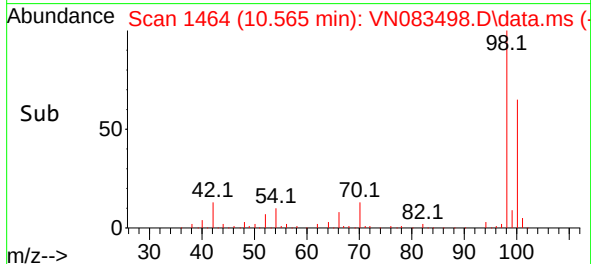
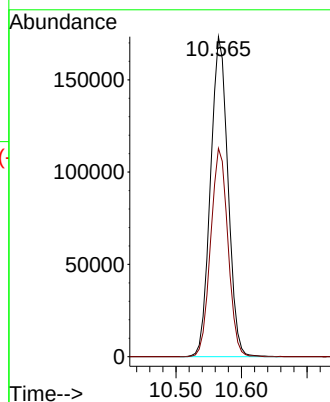
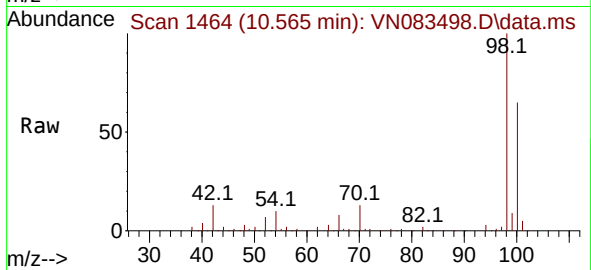




#50
Toluene-d8
Concen: 48.279 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083498.D
Acq: 27 Aug 2024 10:04

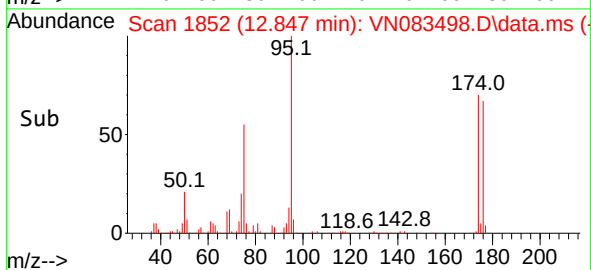
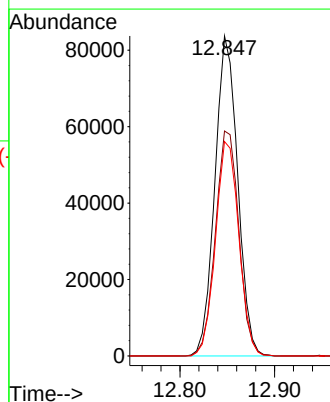
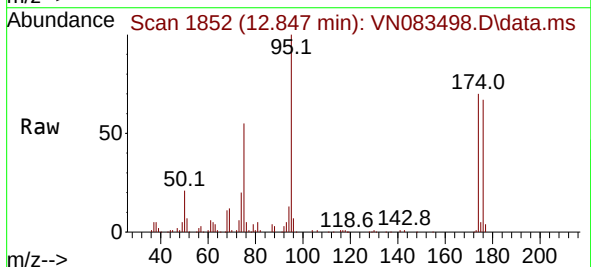
Instrument :
MSVOA_N
ClientSampleId :

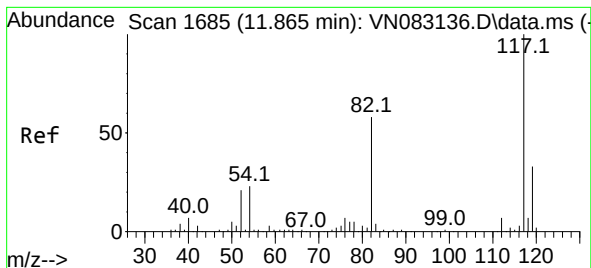
Tgt Ion: 98 Resp: 320049
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 54.202 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083498.D
Acq: 27 Aug 2024 10:04

Tgt Ion: 95 Resp: 140082
Ion Ratio Lower Upper
95 100
174 72.4 0.0 159.2
176 68.6 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083498.D

Acq: 27 Aug 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

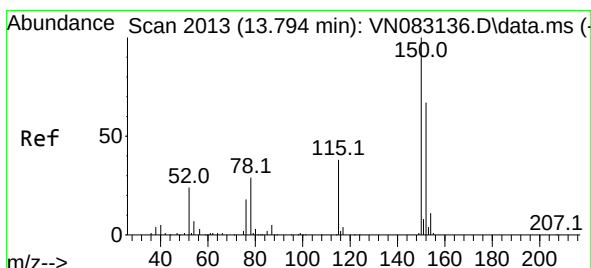
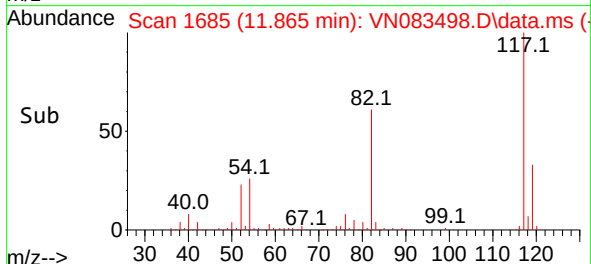
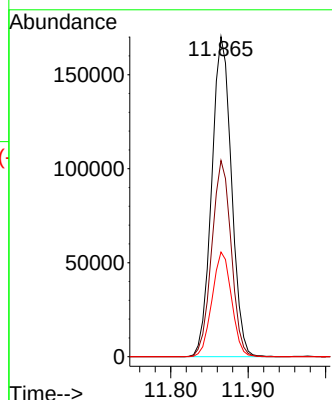
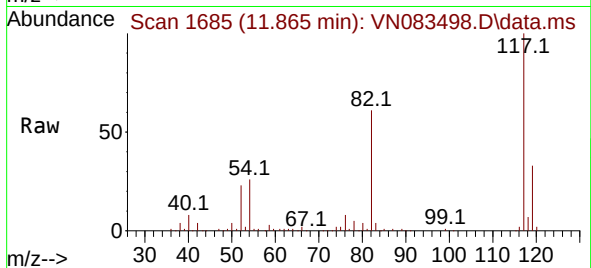
Tgt Ion:117 Resp: 301175

Ion Ratio Lower Upper

117 100

82 61.3 47.5 71.3

119 32.7 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: VN083498.D

Acq: 27 Aug 2024 10:04

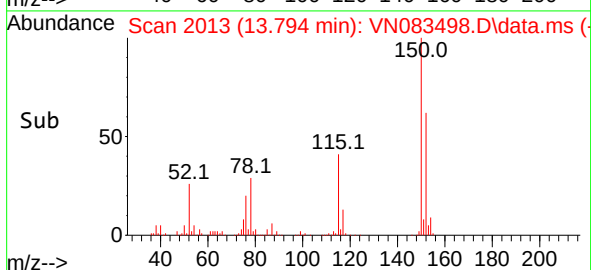
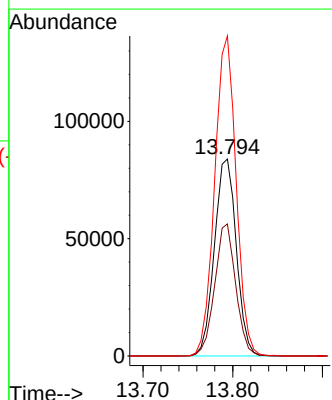
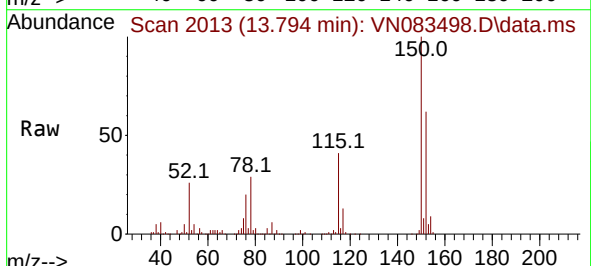
Tgt Ion:152 Resp: 142541

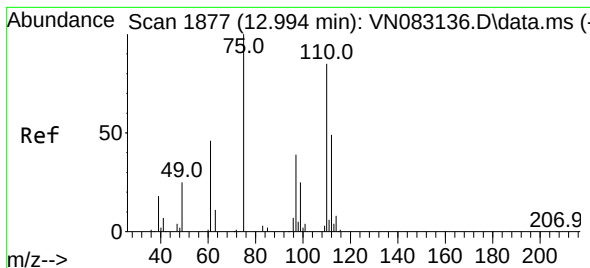
Ion Ratio Lower Upper

152 100

115 64.2 30.6 91.6

150 158.6 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 25.340 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

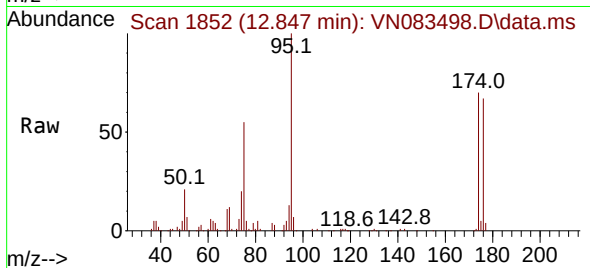
Lab File: VN083498.D

Acq: 27 Aug 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

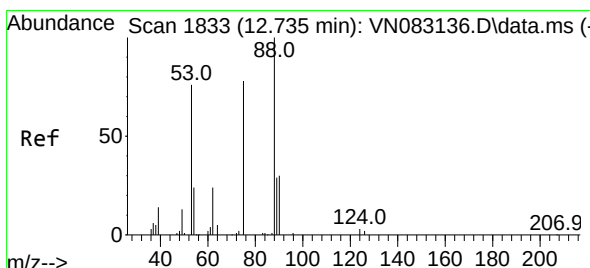
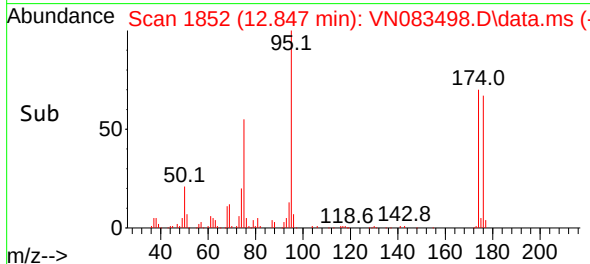
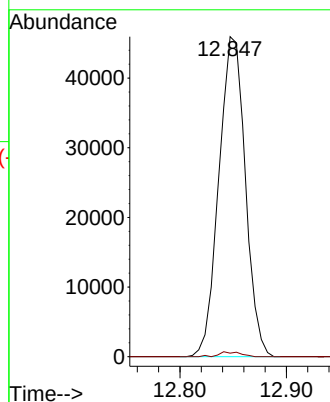


Tgt Ion: 75 Resp: 79273

Ion Ratio Lower Upper

75 100

77 1.2 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.120 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083498.D

Acq: 27 Aug 2024 10:04

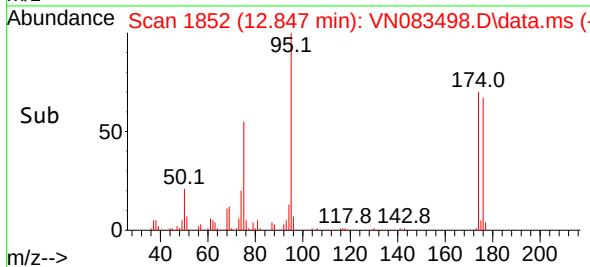
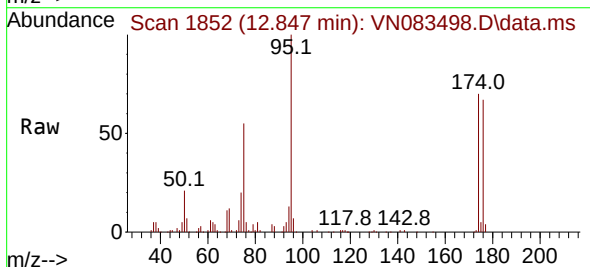
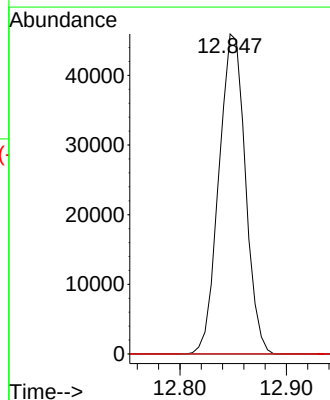
Tgt Ion: 75 Resp: 79273

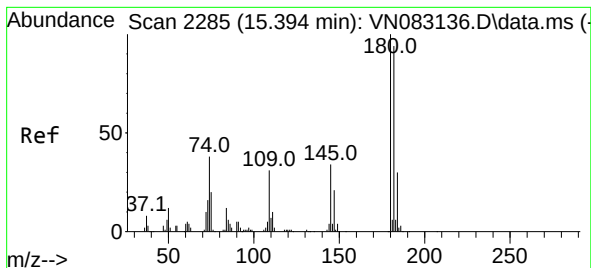
Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.272 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083498.D

Acq: 27 Aug 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

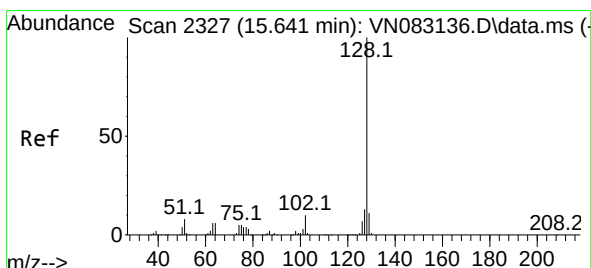
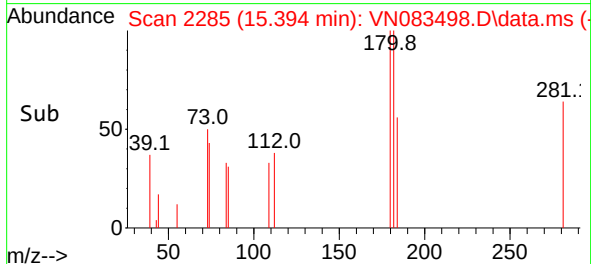
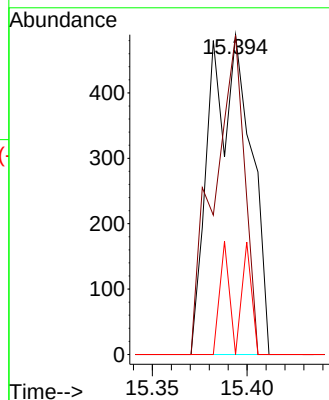
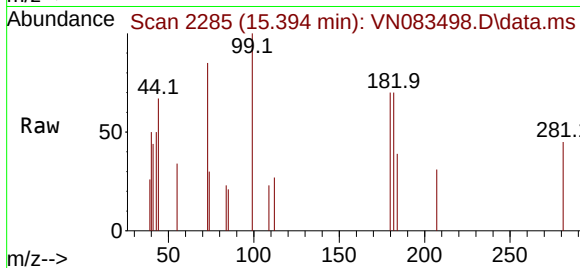
Tgt Ion:180 Resp: 734

Ion Ratio Lower Upper

180 100

182 74.7 47.3 141.8

145 16.6 15.7 47.1



#95

Naphthalene

Concen: 0.230 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN083498.D

Acq: 27 Aug 2024 10:04

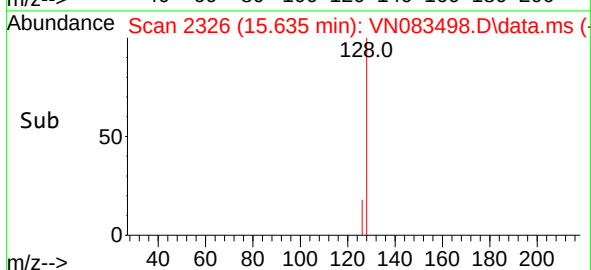
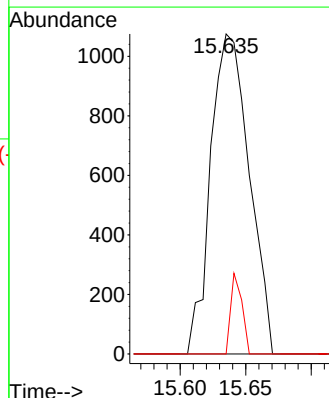
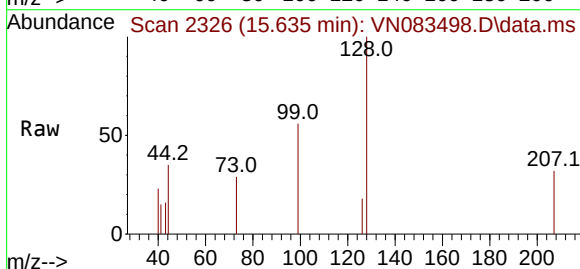
Tgt Ion:128 Resp: 2197

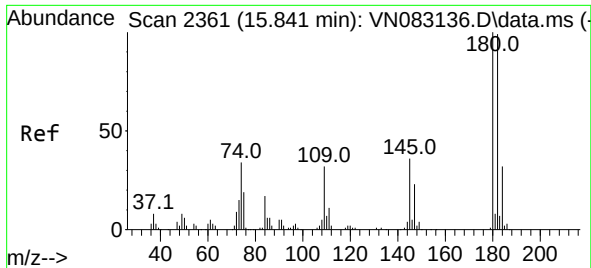
Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

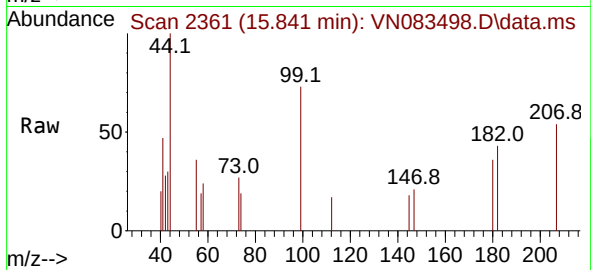
129 7.3 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.212 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN083498.D
 Acq: 27 Aug 2024 10:04

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 566
 Ion Ratio Lower Upper
 180 100
 182 91.7 48.9 146.8
 145 9.9 16.8 50.4#

