

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084131.D
 Acq On : 24 Sep 2024 13:55
 Operator : JC\MD
 Sample : P4116-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 25 01:33:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	146558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114164	51.661	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.320%
35) Dibromofluoromethane	8.165	113	86204	52.148	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.300%
50) Toluene-d8	10.565	98	307938	53.885	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.760%
62) 4-Bromofluorobenzene	12.847	95	106085	44.994	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.980%

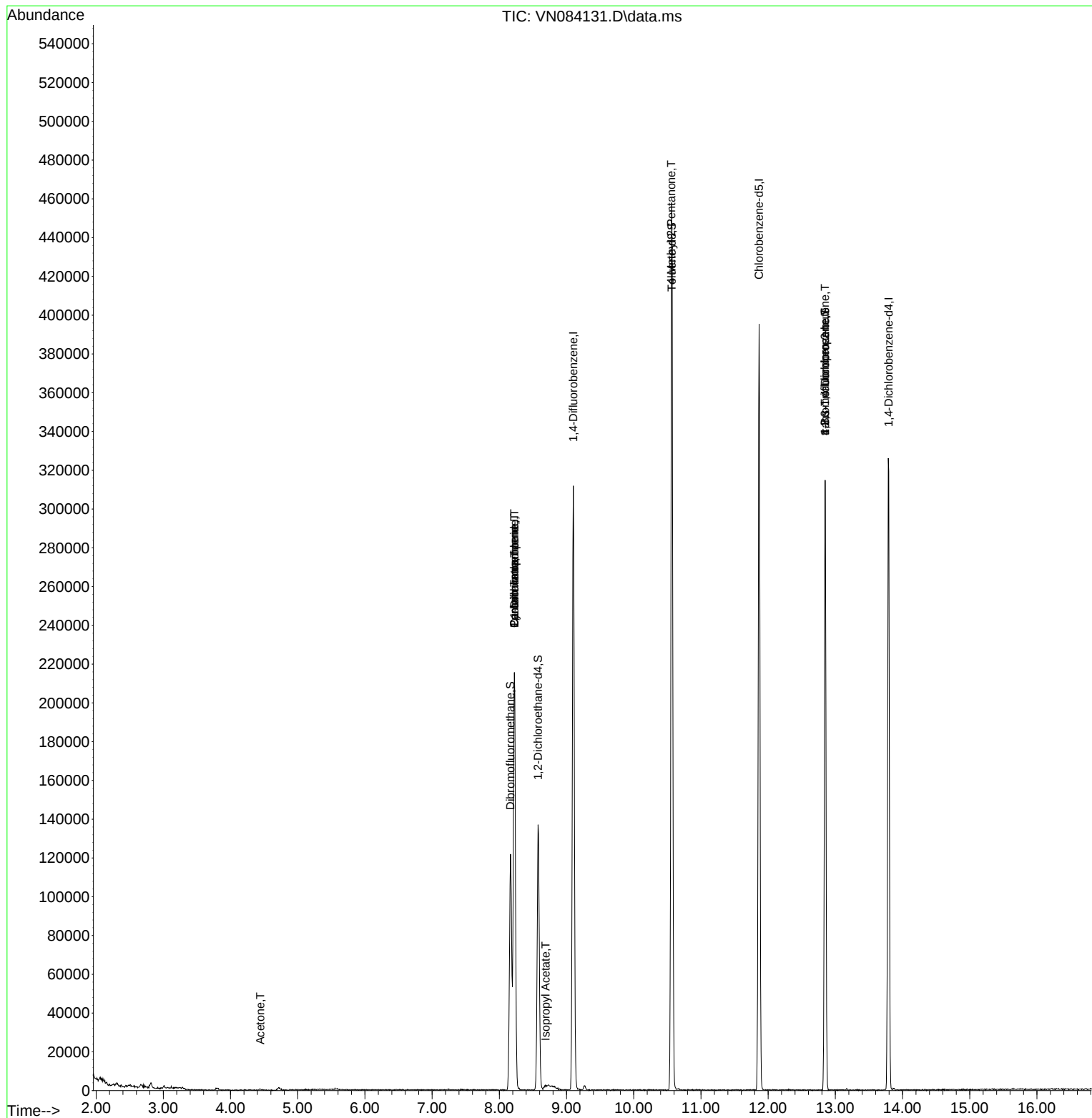
Target Compounds					Qvalue	
3) Chloromethane	2.360	50	337	Below Cal	#	41
16) Acetone	4.442	43	858	0.969	ug/l #	45
18) Methyl Acetate	5.006	43	54	Below Cal	#	52
31) Cyclohexane	8.224	56	3849	1.205	ug/l #	9
36) 1,1-Dichloropropene	8.224	75	13641	5.482	ug/l #	49
38) Carbon Tetrachloride	8.224	117	16931	5.998	ug/l #	16
43) Isopropyl Acetate	8.689	43	2163	0.529	ug/l #	57
51) 4-Methyl-2-Pentanone	10.559	43	1424	0.639	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	57282	33.856	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	57282	88.670	ug/l #	9

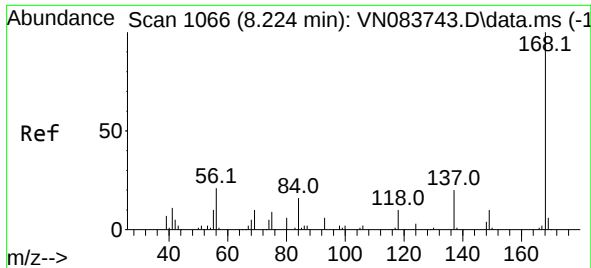
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
Data File : VN084131.D
Acq On : 24 Sep 2024 13:55
Operator : JC\MD
Sample : P4116-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

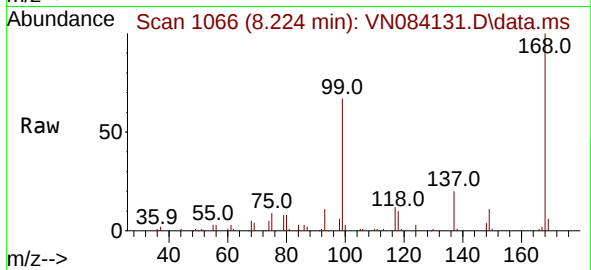
Quant Time: Sep 25 01:33:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



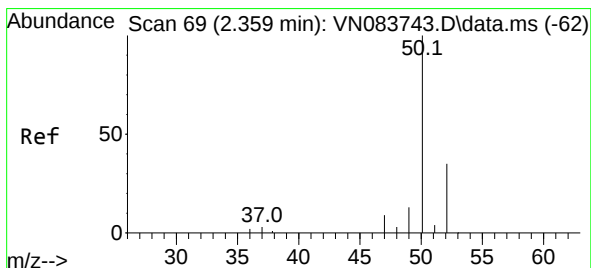
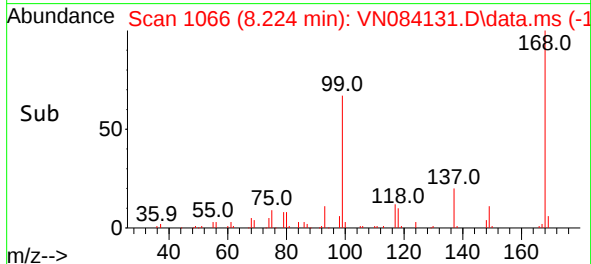
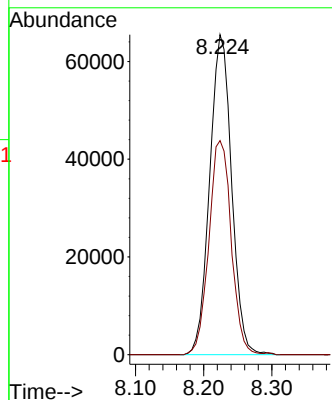


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :

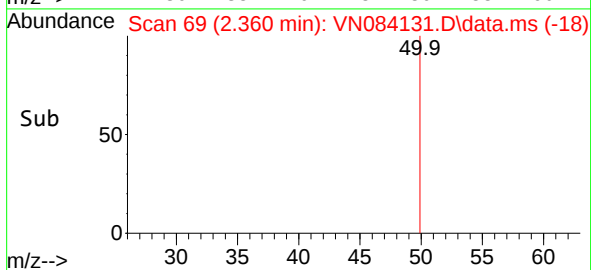
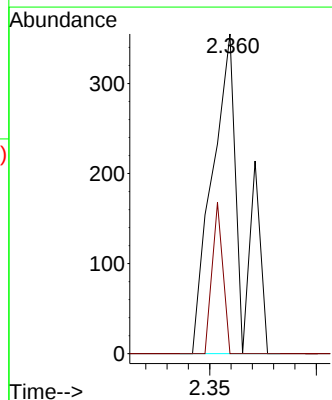
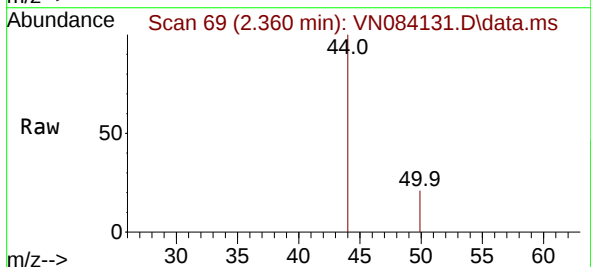


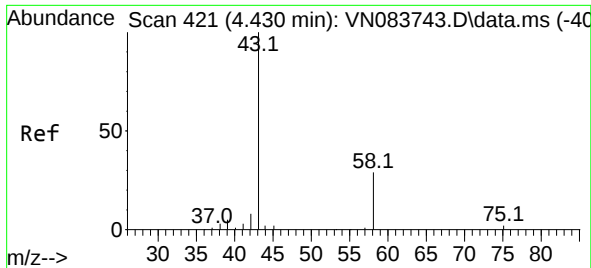
Tgt Ion:168 Resp: 146558
Ion Ratio Lower Upper
168 100
99 66.9 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

Tgt Ion: 50 Resp: 337
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#





#16

Acetone

Concen: 0.969 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN084131.D

Acq: 24 Sep 2024 13:55

Instrument :

MSVOA_N

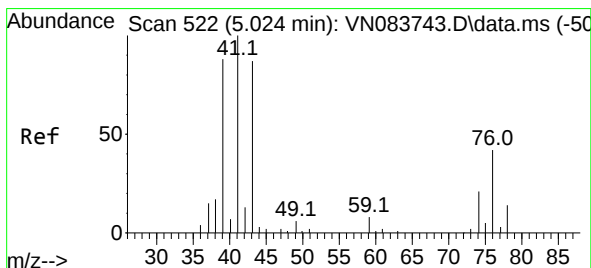
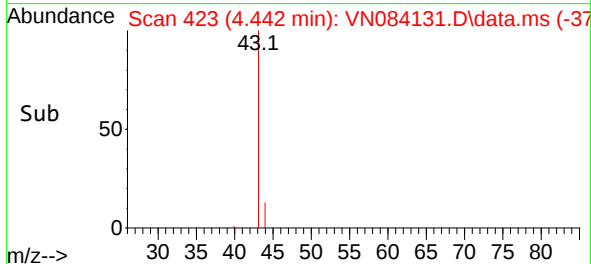
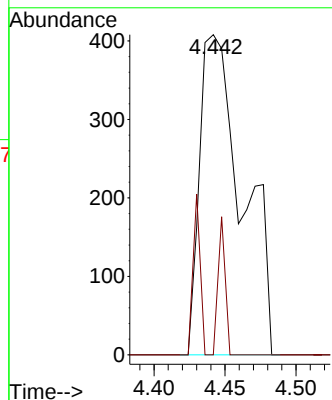
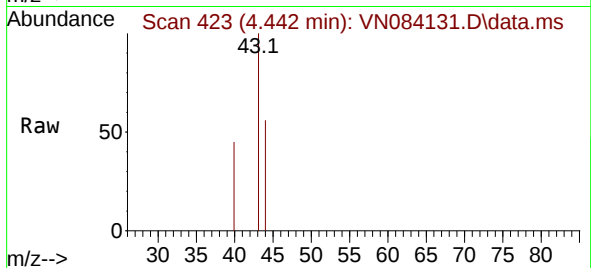
ClientSampleId :

Tgt Ion: 43 Resp: 858

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.006 min Scan# 519

Delta R.T. -0.018 min

Lab File: VN084131.D

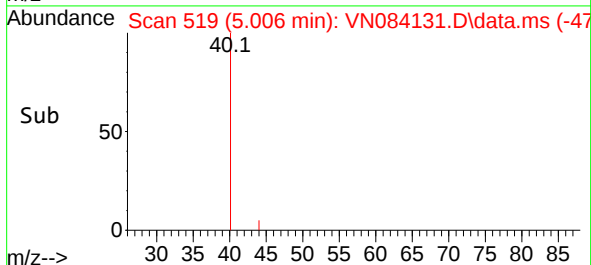
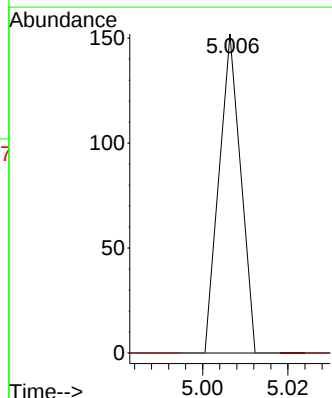
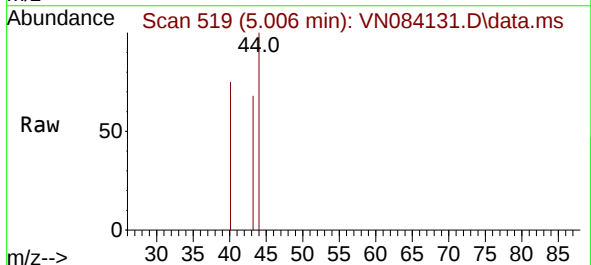
Acq: 24 Sep 2024 13:55

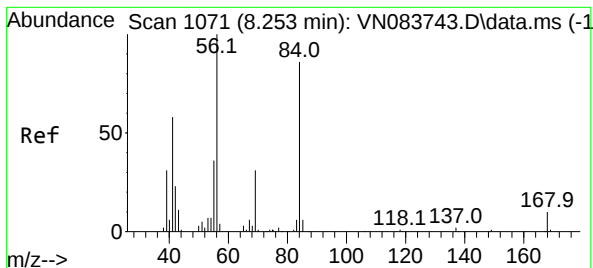
Tgt Ion: 43 Resp: 54

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#





#31

Cyclohexane

Concen: 1.205 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

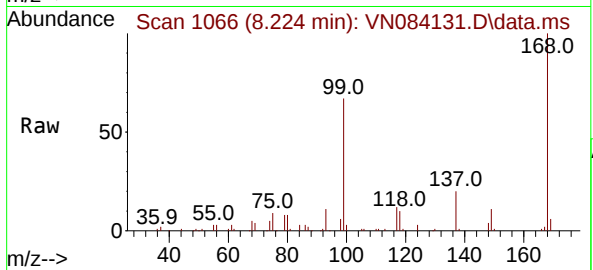
Lab File: VN084131.D

Acq: 24 Sep 2024 13:55

Instrument :

MSVOA_N

ClientSampleId :



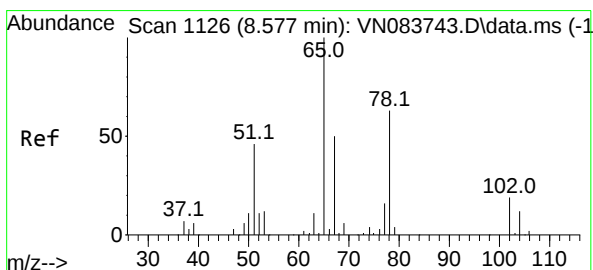
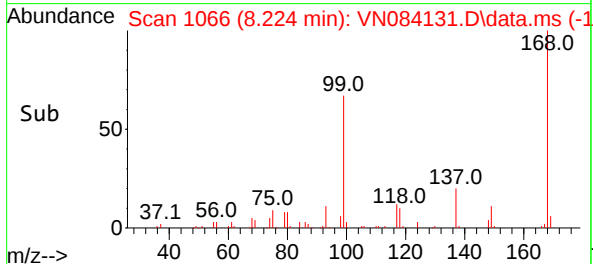
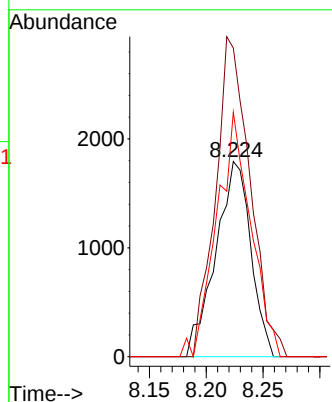
Tgt Ion: 56 Resp: 3849

Ion Ratio Lower Upper

56 100

69 158.1 26.9 40.3#

84 125.2 69.2 103.8#



#33

1,2-Dichloroethane-d4

Concen: 51.661 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084131.D

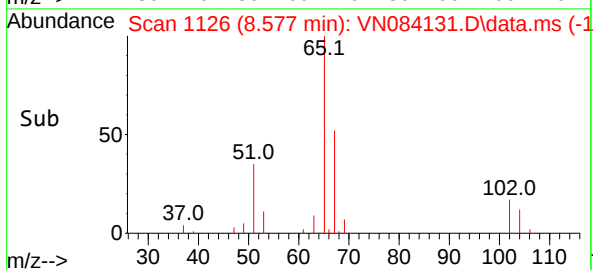
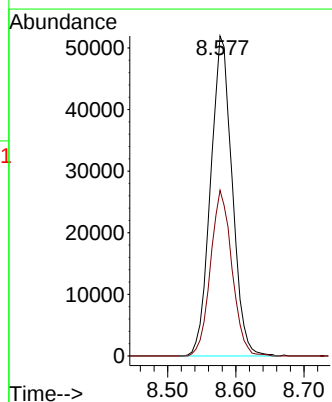
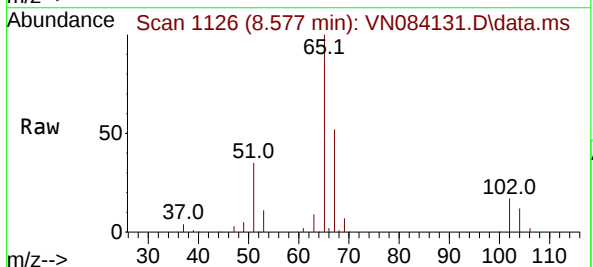
Acq: 24 Sep 2024 13:55

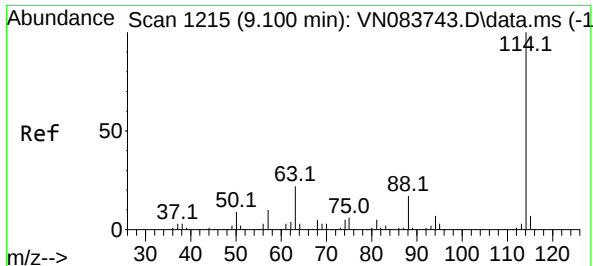
Tgt Ion: 65 Resp: 114164

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084131.D

Acq: 24 Sep 2024 13:55

Instrument :

MSVOA_N

ClientSampleId :

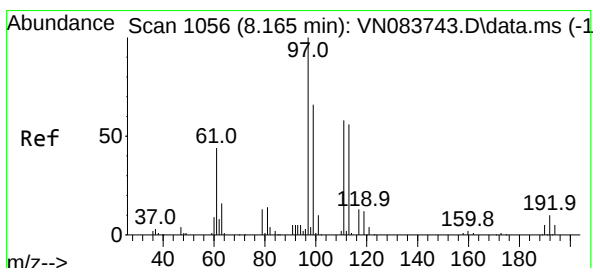
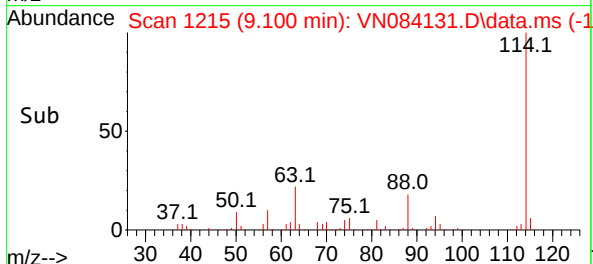
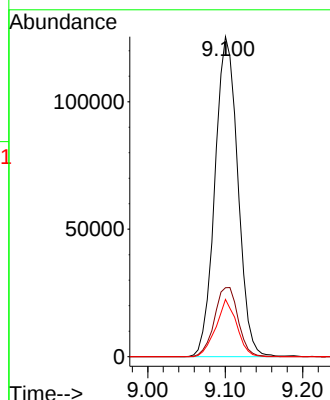
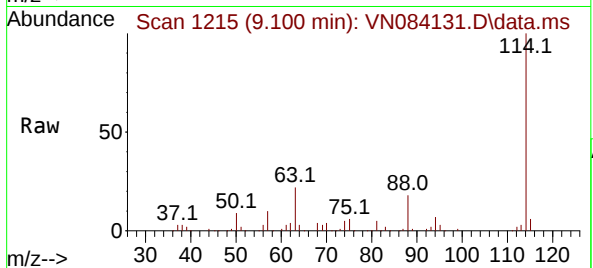
Tgt Ion:114 Resp: 258216

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.4

88 17.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.148 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084131.D

Acq: 24 Sep 2024 13:55

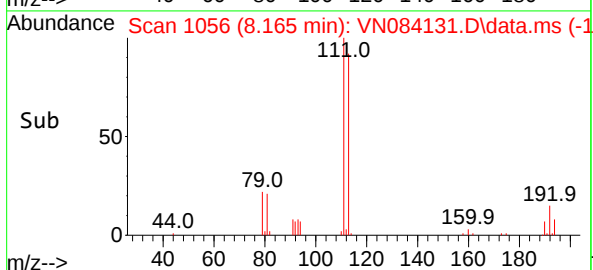
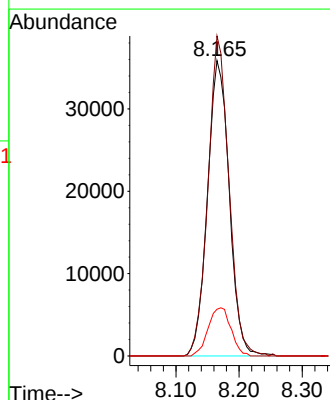
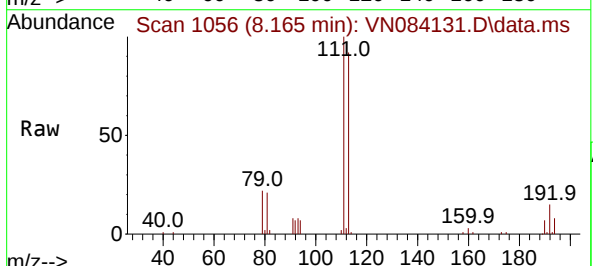
Tgt Ion:113 Resp: 86204

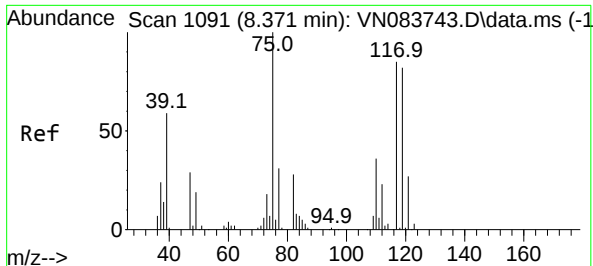
Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

192 17.0 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.482 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

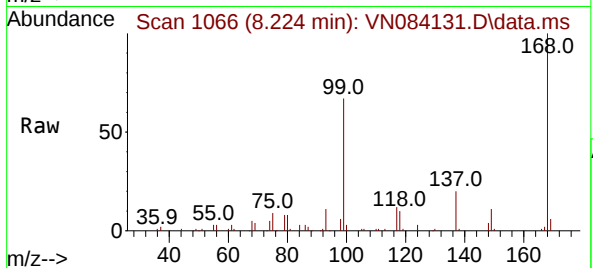
Lab File: VN084131.D

Acq: 24 Sep 2024 13:55

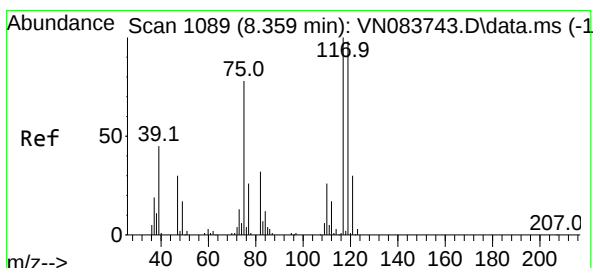
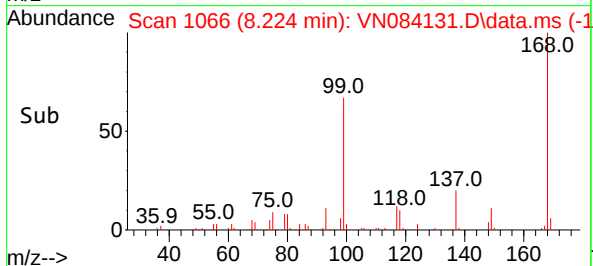
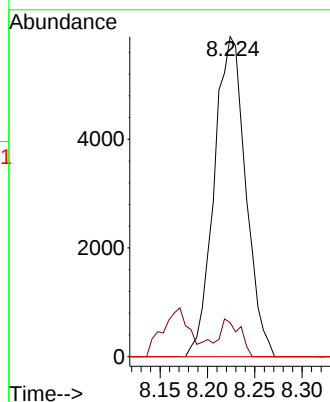
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 13641
Ion Ratio	Lower Upper
75	100
110	7.3 16.7 50.1#
77	0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.998 ug/l

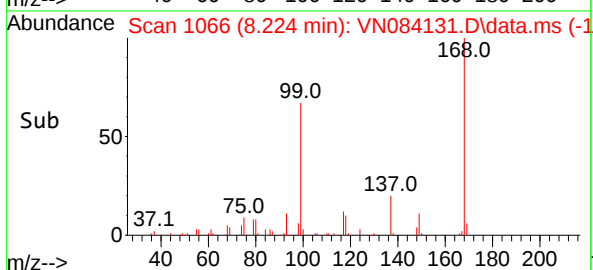
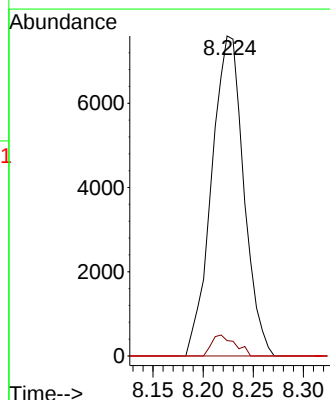
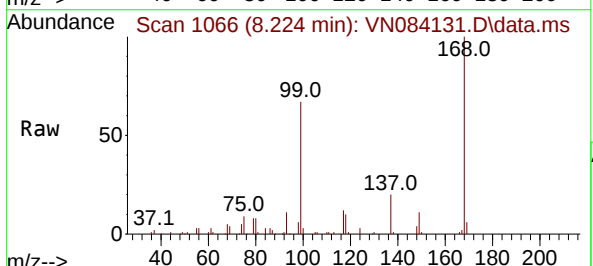
RT: 8.224 min Scan# 1066

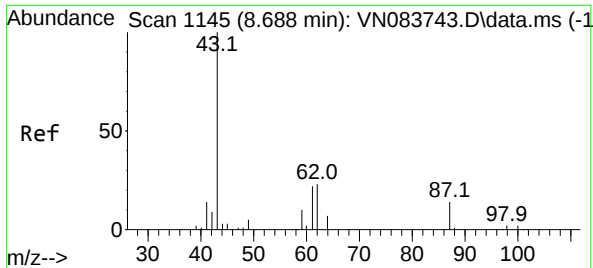
Delta R.T. -0.135 min

Lab File: VN084131.D

Acq: 24 Sep 2024 13:55

Tgt Ion: 117	Resp: 16931
Ion Ratio	Lower Upper
117	100
119	4.8 76.1 114.1#
121	0.0 24.1 36.1#

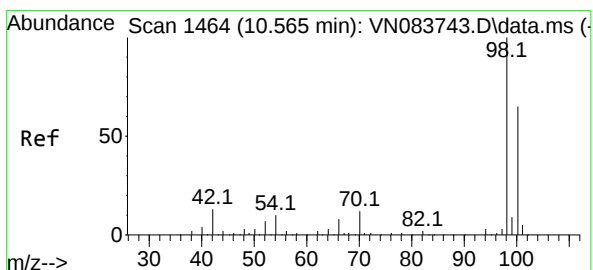
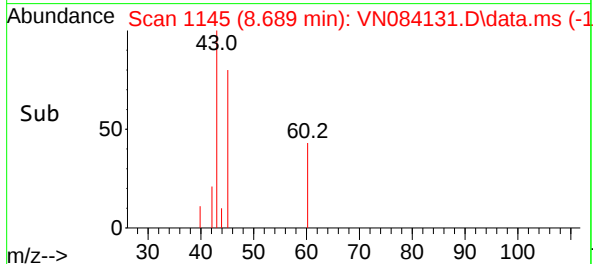
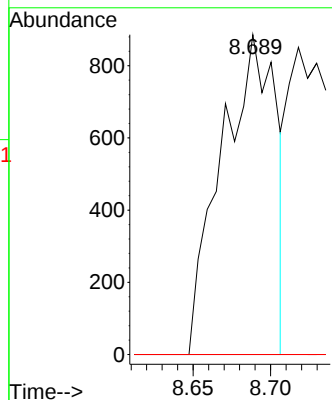
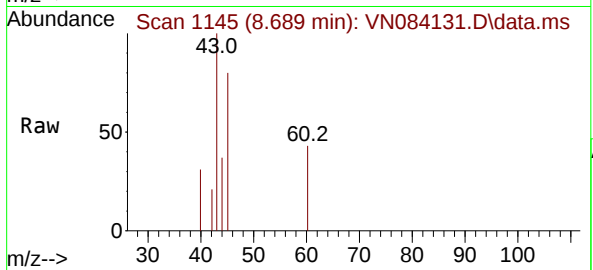




#43
Isopropyl Acetate
Concen: 0.529 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

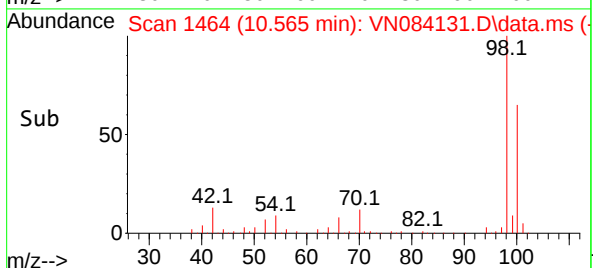
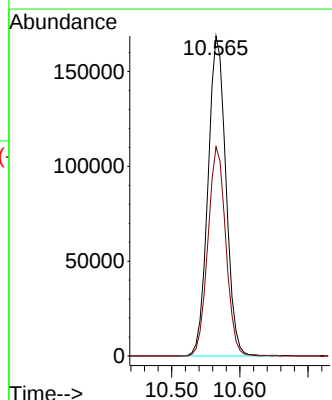
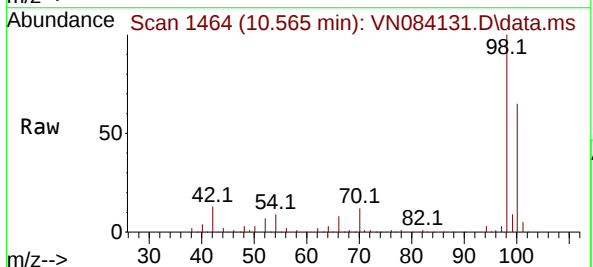
Instrument :
MSVOA_N
ClientSampleId :

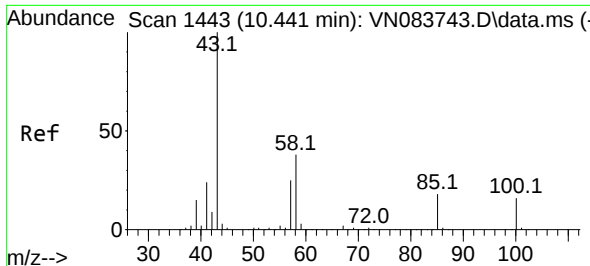
Tgt Ion: 43 Resp: 2163
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 53.885 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

Tgt Ion: 98 Resp: 307938
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.639 ug/l

RT: 10.559 min Scan# 1443

Delta R.T. 0.118 min

Lab File: VN084131.D

Acq: 24 Sep 2024 13:55

Instrument :

MSVOA_N

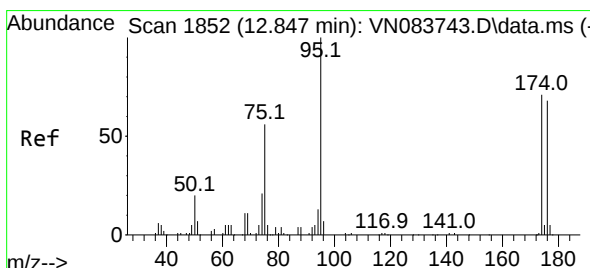
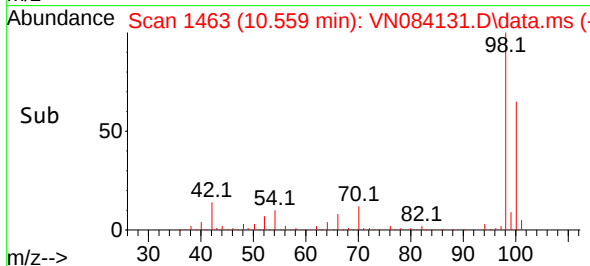
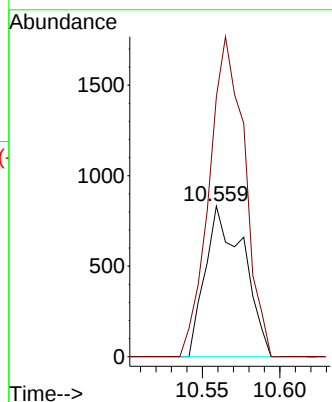
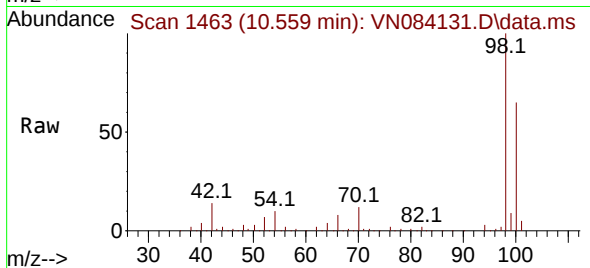
ClientSampleId :

Tgt Ion: 43 Resp: 1424

Ion Ratio Lower Upper

43 100

58 198.0 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 44.994 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084131.D

Acq: 24 Sep 2024 13:55

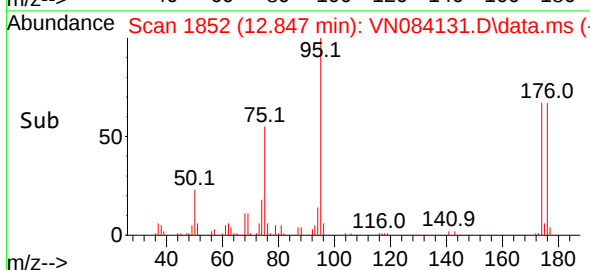
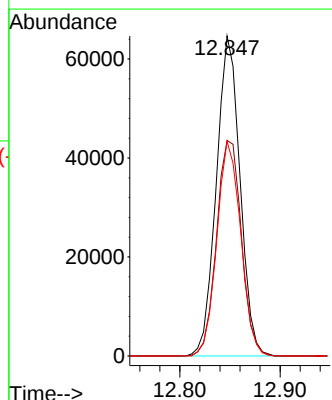
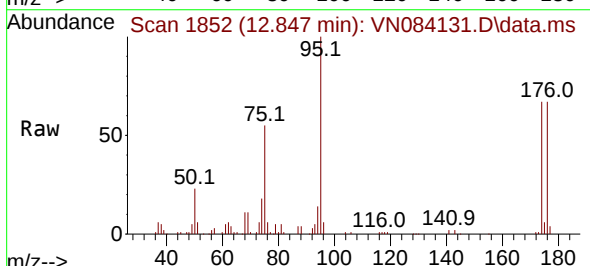
Tgt Ion: 95 Resp: 106085

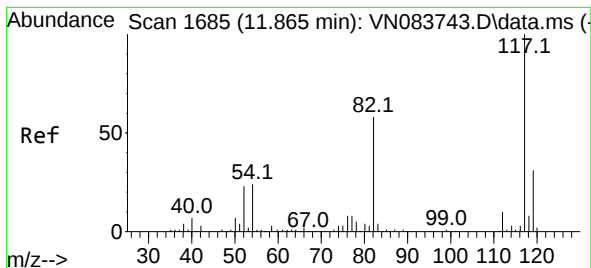
Ion Ratio Lower Upper

95 100

174 70.8 0.0 139.8

176 67.6 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084131.D

Acq: 24 Sep 2024 13:55

Instrument :

MSVOA_N

ClientSampleId :

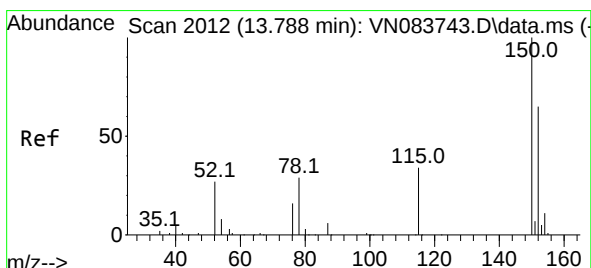
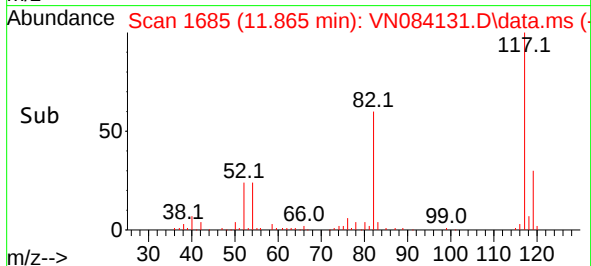
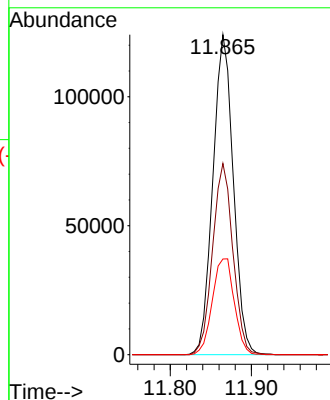
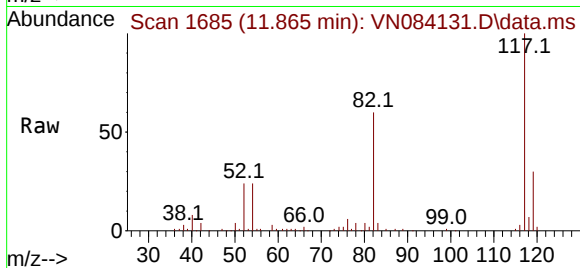
Tgt Ion:117 Resp: 216916

Ion Ratio Lower Upper

117 100

82 59.8 47.4 71.0

119 29.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084131.D

Acq: 24 Sep 2024 13:55

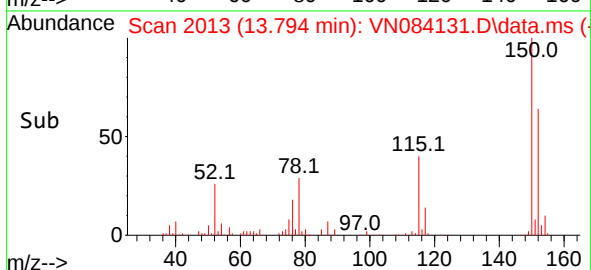
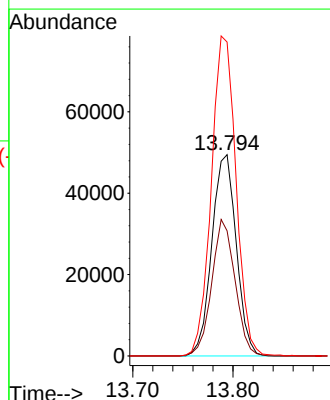
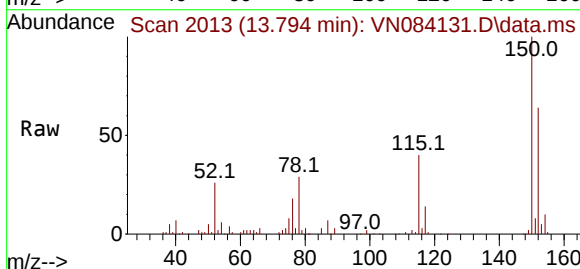
Tgt Ion:152 Resp: 83851

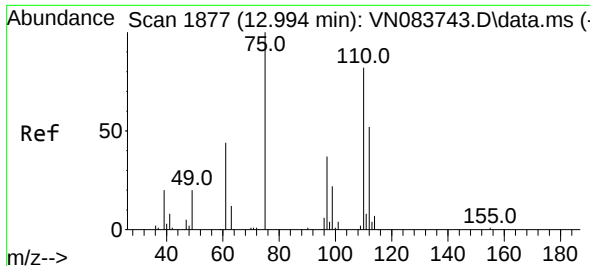
Ion Ratio Lower Upper

152 100

115 64.6 32.2 96.6

150 160.7 0.0 348.6

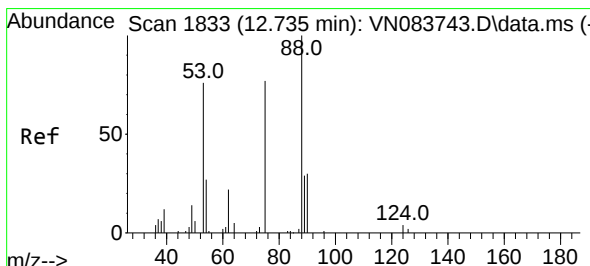
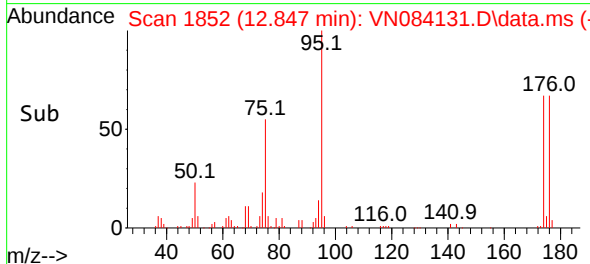
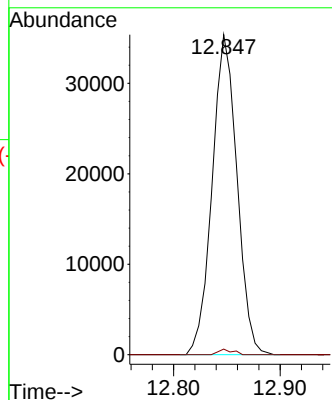
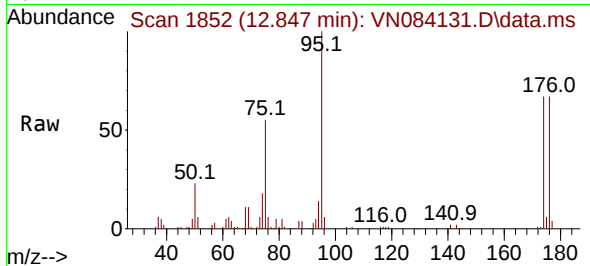




#76
1,2,3-Trichloropropane
Concen: 33.856 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 57282
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.670 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084131.D
Acq: 24 Sep 2024 13:55

Tgt Ion: 75 Resp: 57282
Ion Ratio Lower Upper
75 100
53 0.1 81.2 121.8#
89 0.0 35.7 53.5#

