

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084133.D
 Acq On : 24 Sep 2024 14:43
 Operator : JC\MD
 Sample : P4116-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D3-20240916

Quant Time: Sep 25 01:34:33 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)

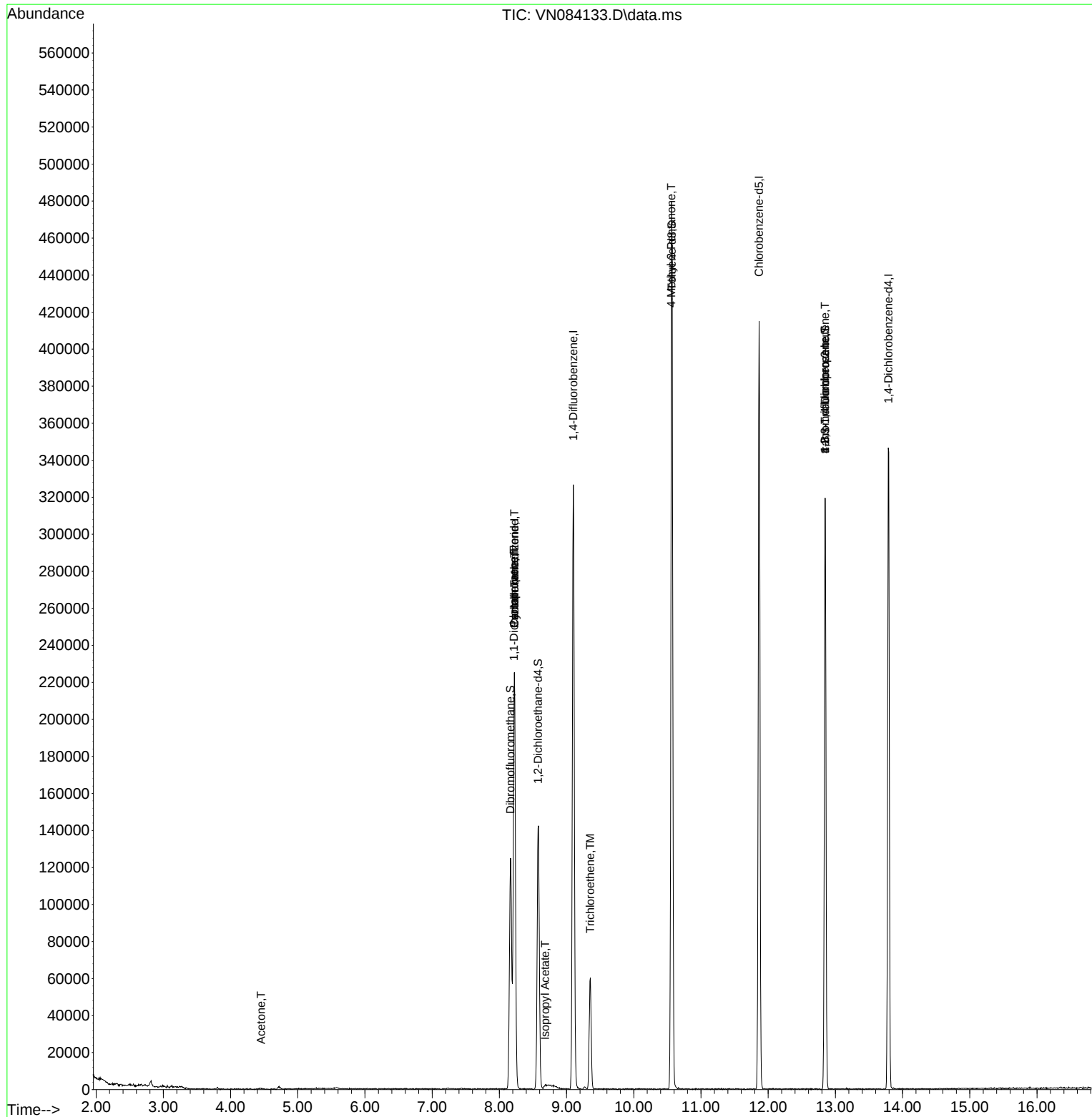
Internal Standards						
1) Pentafluorobenzene	8.224	168	154818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	91202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121176	51.908	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.820%			
35) Dibromofluoromethane	8.165	113	89493	51.815	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.620%			
50) Toluene-d8	10.565	98	322567	54.023	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.040%			
62) 4-Bromofluorobenzene	12.847	95	109090	44.283	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.560%			
Target Compounds						
3) Chloromethane	2.371	50	479	Below Cal	#	41
16) Acetone	4.453	43	1025	1.095	ug/l #	45
18) Methyl Acetate	5.024	43	67	Below Cal	#	52
31) Cyclohexane	8.224	56	3880	1.150	ug/l #	21
36) 1,1-Dichloropropene	8.218	75	14174	5.452	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17687	5.997	ug/l #	17
43) Isopropyl Acetate	8.683	43	1367	0.320	ug/l #	57
44) Trichloroethene	9.353	130	21632	11.938	ug/l	98
51) 4-Methyl-2-Pentanone	10.559	43	1379	0.592	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	60443	32.845	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60443	86.022	ug/l #	9

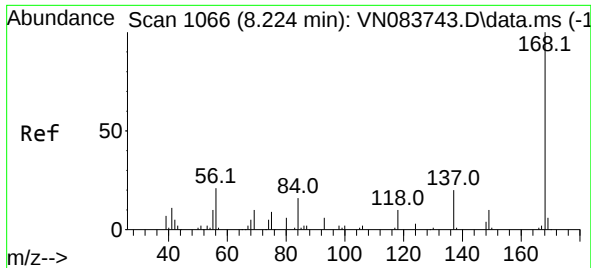
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
Data File : VN084133.D
Acq On : 24 Sep 2024 14:43
Operator : JC\MD
Sample : P4116-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE122D3-20240916

Quant Time: Sep 25 01:34:33 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

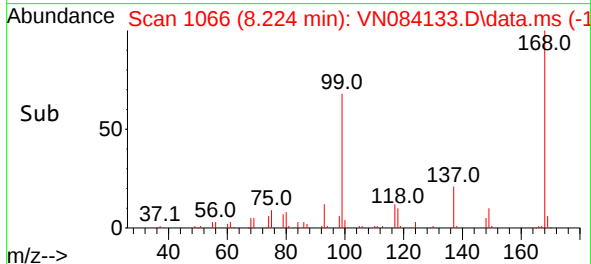
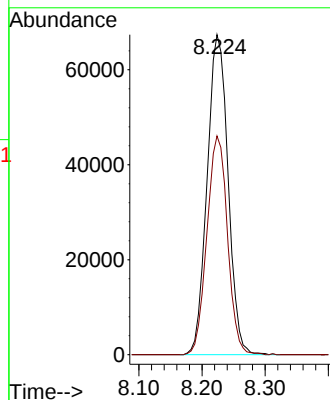
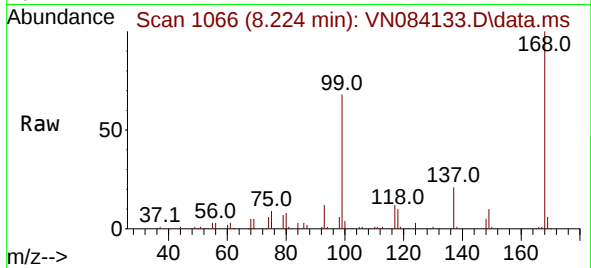




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084133.D
Acq: 24 Sep 2024 14:43

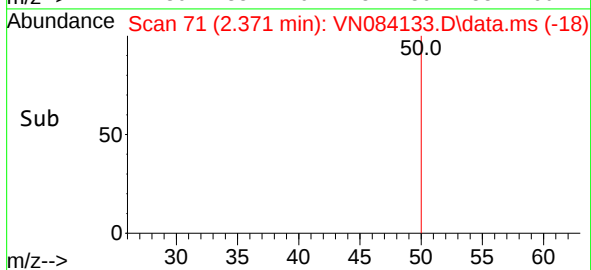
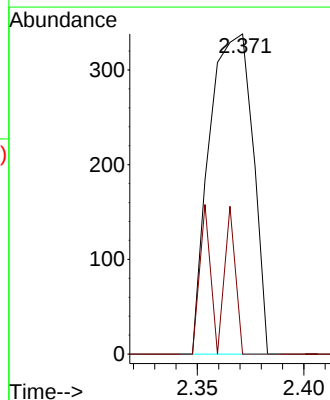
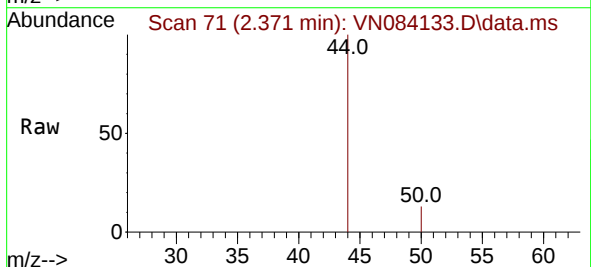
Instrument :
MSVOA_N
ClientSampleId :
RE122D3-20240916

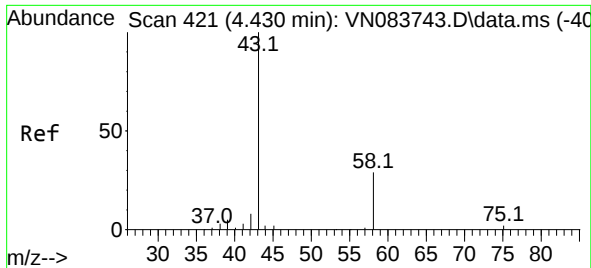
Tgt Ion:168 Resp: 154818
Ion Ratio Lower Upper
168 100
99 68.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN084133.D
Acq: 24 Sep 2024 14:43

Tgt Ion: 50 Resp: 479
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#





#16

Acetone

Concen: 1.095 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.024 min

Lab File: VN084133.D

Acq: 24 Sep 2024 14:43

Instrument :

MSVOA_N

ClientSampleId :

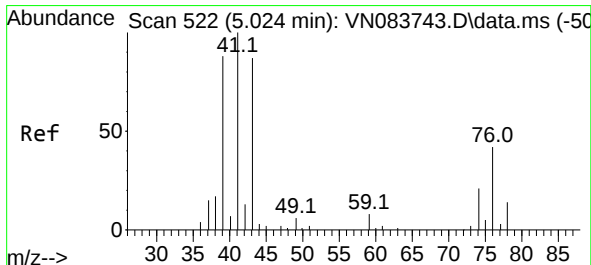
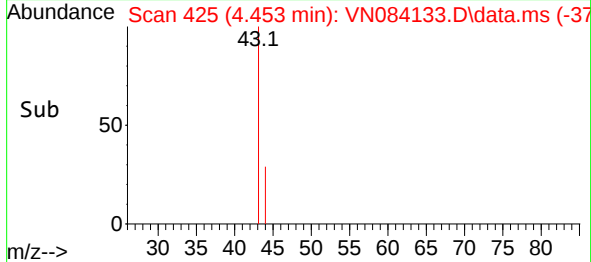
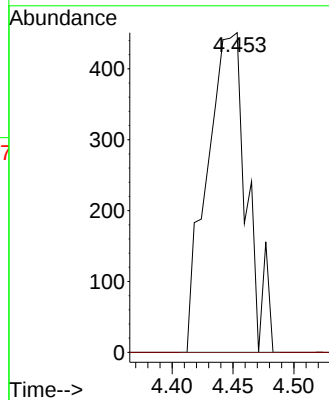
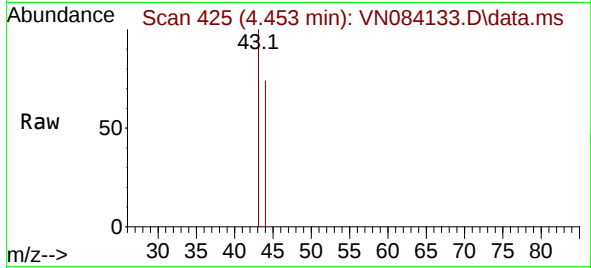
RE122D3-20240916

Tgt Ion: 43 Resp: 1025

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN084133.D

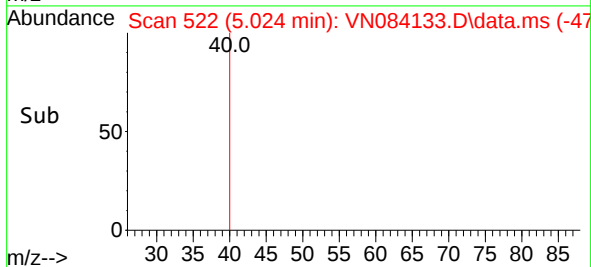
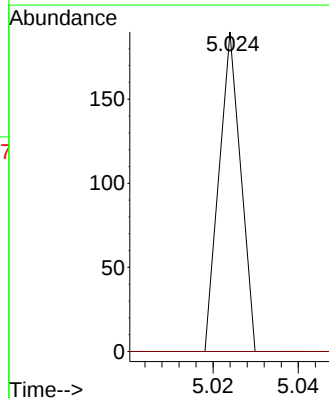
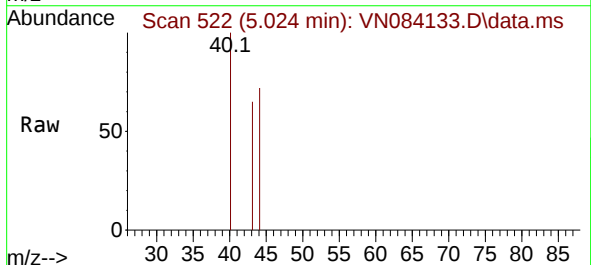
Acq: 24 Sep 2024 14:43

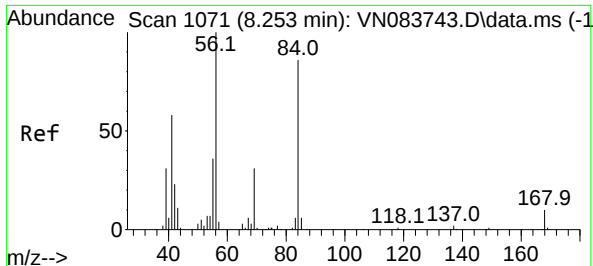
Tgt Ion: 43 Resp: 67

Ion Ratio Lower Upper

43 100

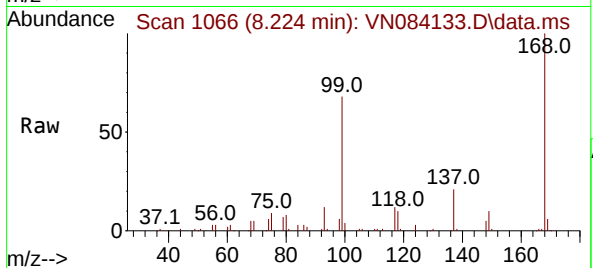
74 0.0 19.0 28.4#



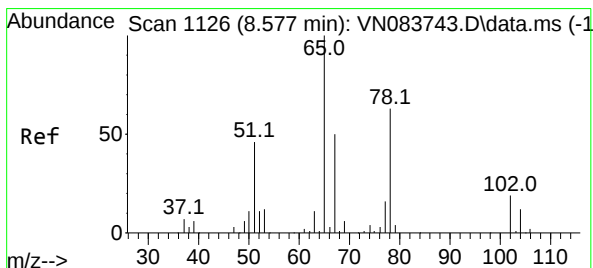
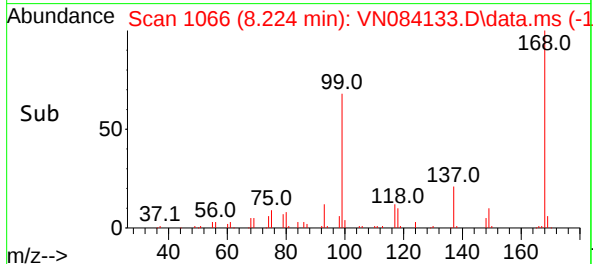
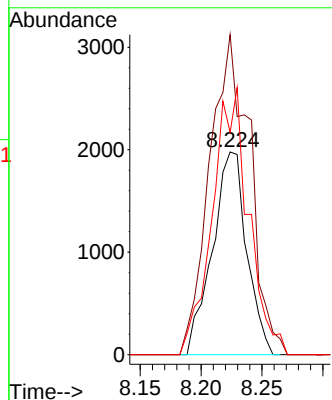


#31
Cyclohexane
Concen: 1.150 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084133.D
Acq: 24 Sep 2024 14:43

Instrument :
MSVOA_N
ClientSampleId :
RE122D3-20240916

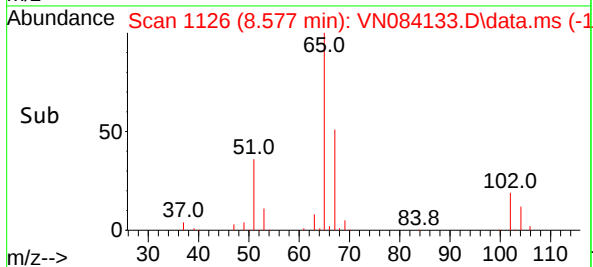
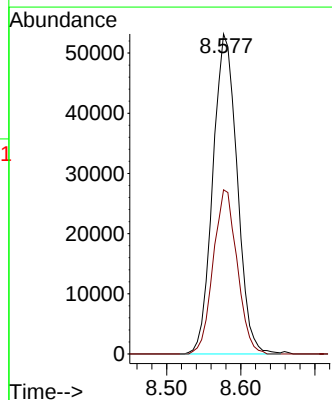
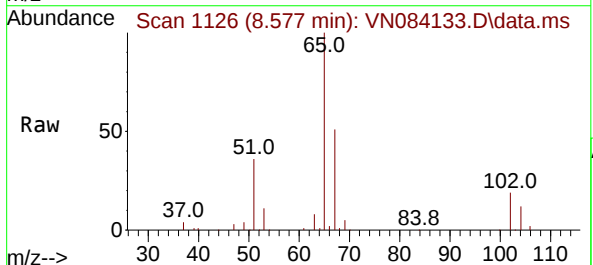


Tgt Ion: 56 Resp: 3880
Ion Ratio Lower Upper
56 100
69 157.9 26.9 40.3#
84 109.7 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 51.908 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084133.D
Acq: 24 Sep 2024 14:43

Tgt Ion: 65 Resp: 121176
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084133.D

Acq: 24 Sep 2024 14:43

Instrument :

MSVOA_N

ClientSampleId :

RE122D3-20240916

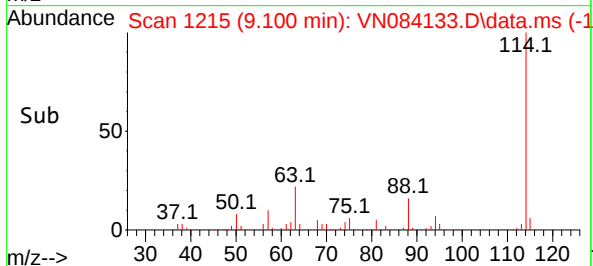
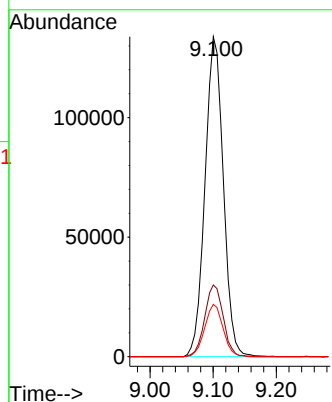
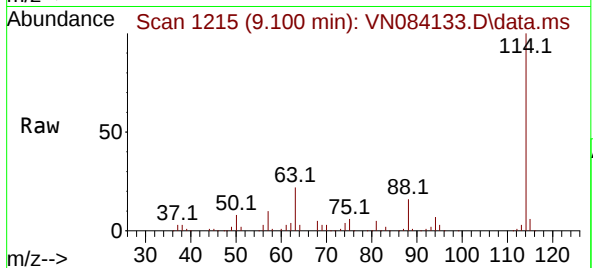
Tgt Ion:114 Resp: 269791

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.4

88 16.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.815 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084133.D

Acq: 24 Sep 2024 14:43

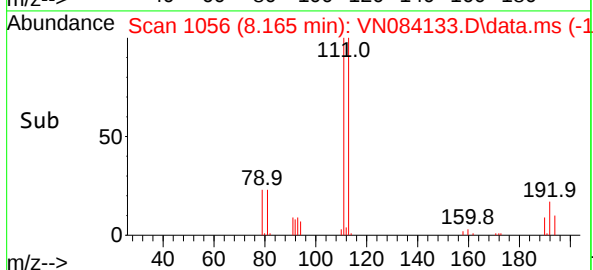
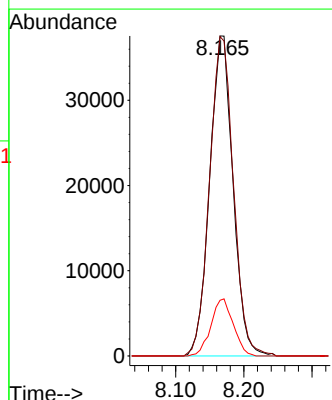
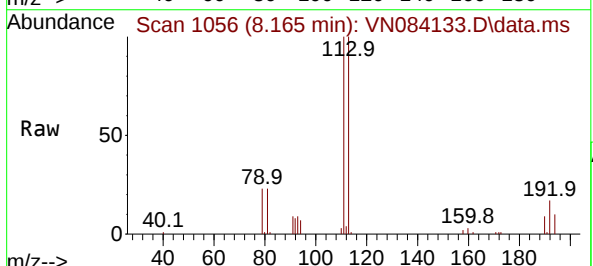
Tgt Ion:113 Resp: 89493

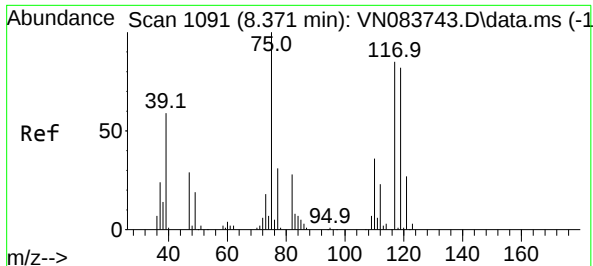
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 17.1 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.452 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084133.D

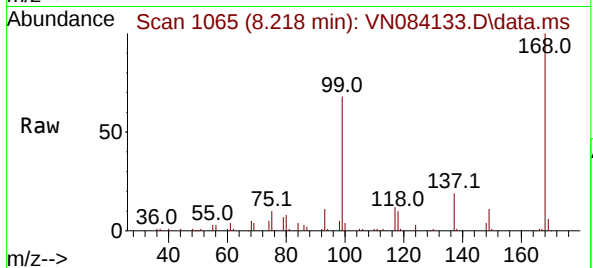
Acq: 24 Sep 2024 14:43

Instrument :

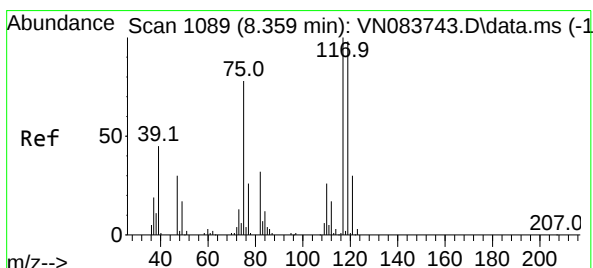
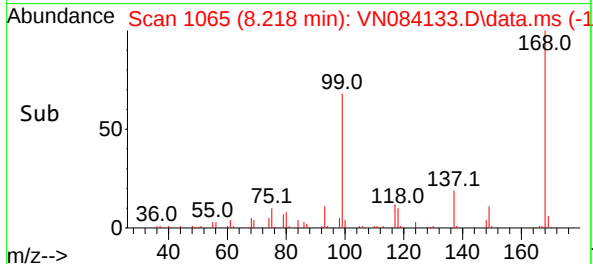
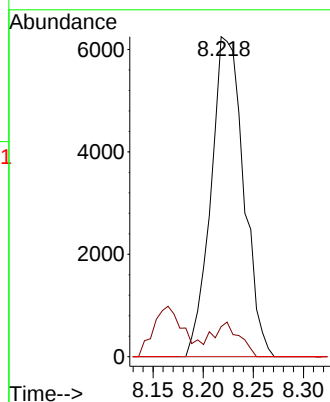
MSVOA_N

ClientSampleId :

RE122D3-20240916



Tgt Ion: 75	Resp: 14174
Ion Ratio	Lower Upper
75	100
110	8.6 16.7 50.1#
77	0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.997 ug/l

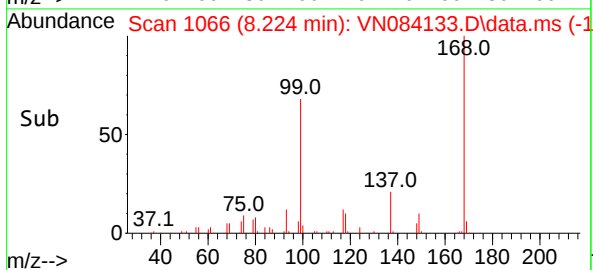
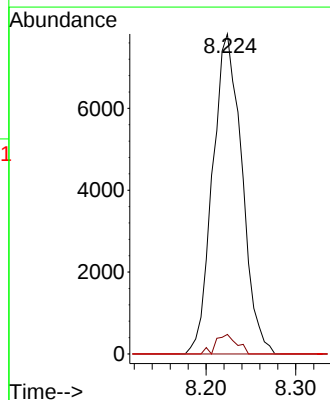
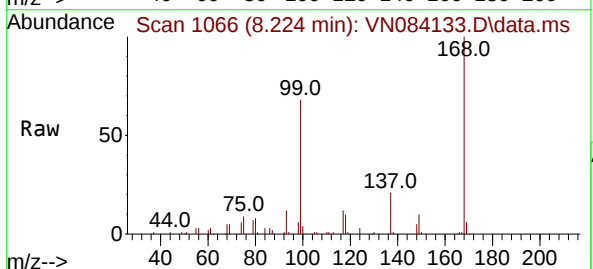
RT: 8.224 min Scan# 1066

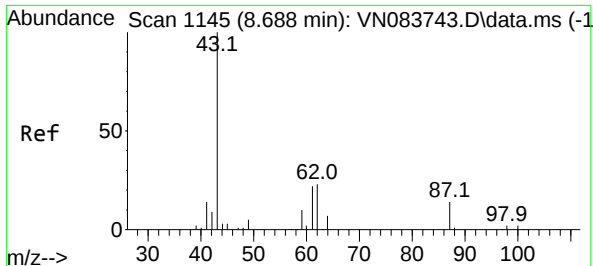
Delta R.T. -0.135 min

Lab File: VN084133.D

Acq: 24 Sep 2024 14:43

Tgt Ion: 117	Resp: 17687
Ion Ratio	Lower Upper
117	100
119	6.1 76.1 114.1#
121	0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 0.320 ug/l

RT: 8.683 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN084133.D

Acq: 24 Sep 2024 14:43

Instrument :

MSVOA_N

ClientSampleId :

RE122D3-20240916

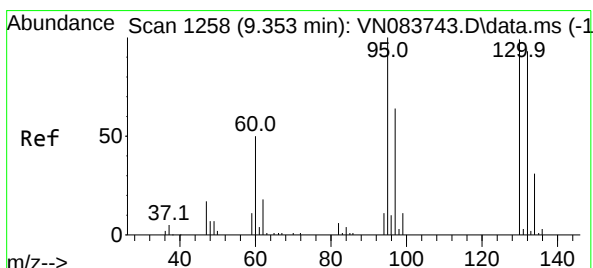
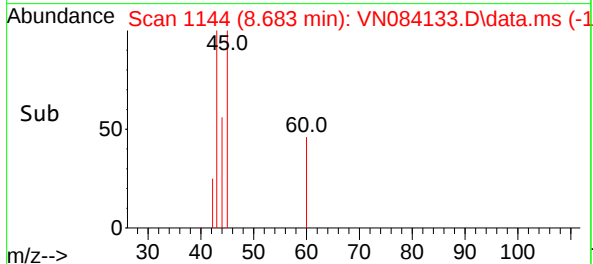
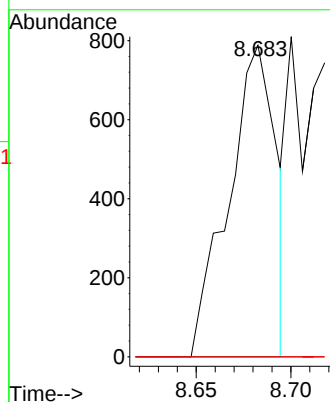
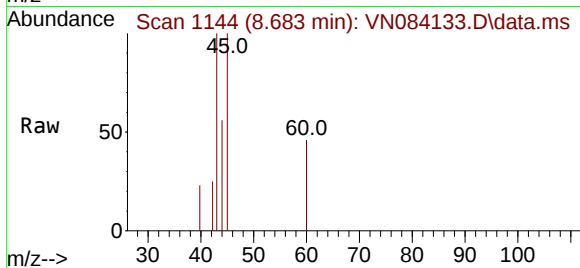
Tgt Ion: 43 Resp: 1367

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#44

Trichloroethene

Concen: 11.938 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN084133.D

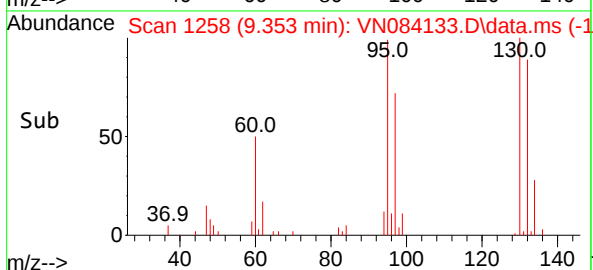
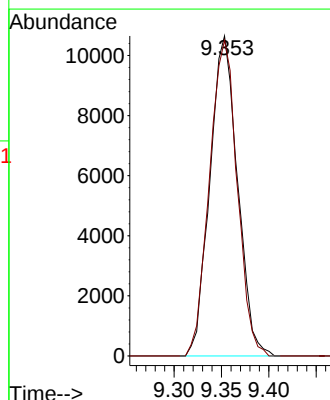
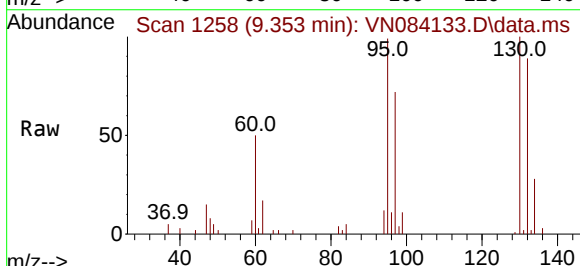
Acq: 24 Sep 2024 14:43

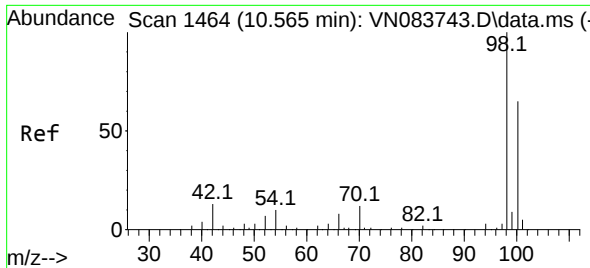
Tgt Ion:130 Resp: 21632

Ion Ratio Lower Upper

130 100

95 98.6 0.0 200.4

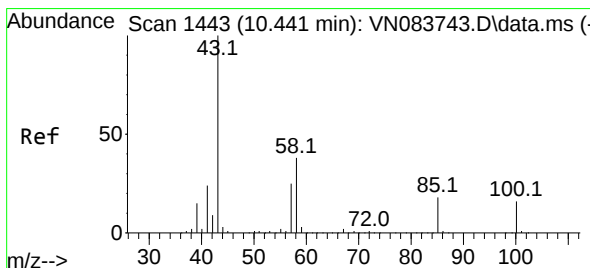
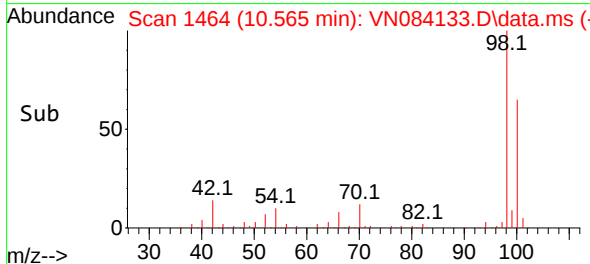
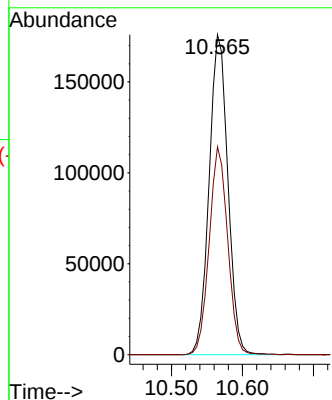
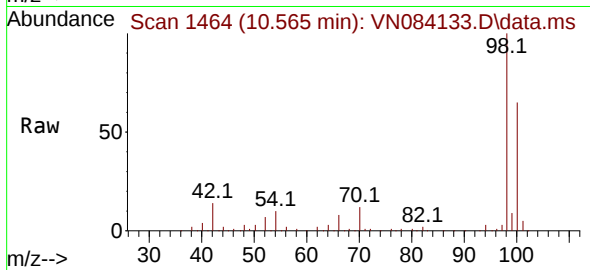




#50
Toluene-d8
Concen: 54.023 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084133.D
Acq: 24 Sep 2024 14:43

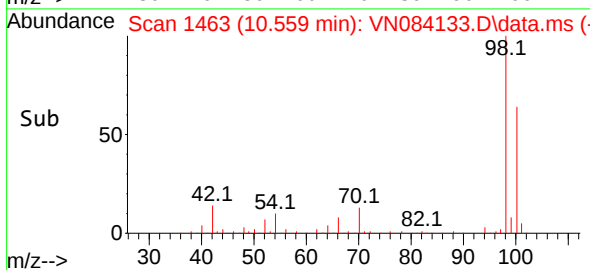
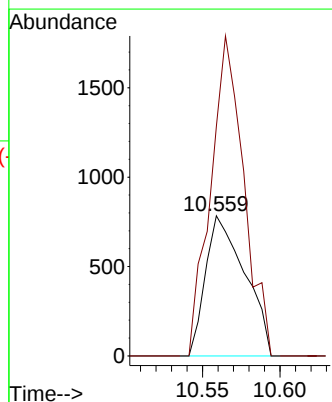
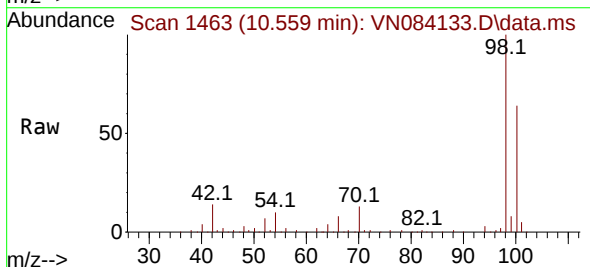
Instrument :
MSVOA_N
ClientSampleId :
RE122D3-20240916

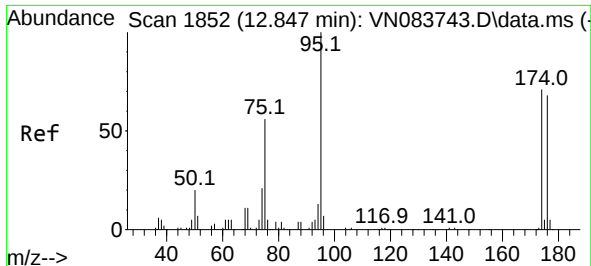
Tgt Ion: 98 Resp: 322567
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.592 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN084133.D
Acq: 24 Sep 2024 14:43

Tgt Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
58 193.5 31.6 47.4#

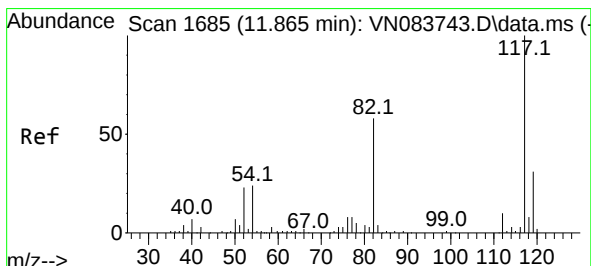
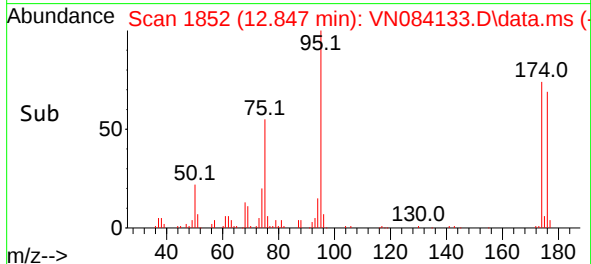
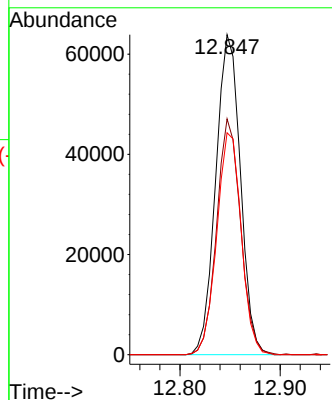
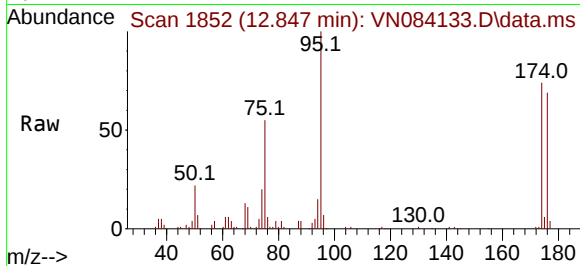




#62
4-Bromofluorobenzene
Concen: 44.283 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084133.D
Acq: 24 Sep 2024 14:43

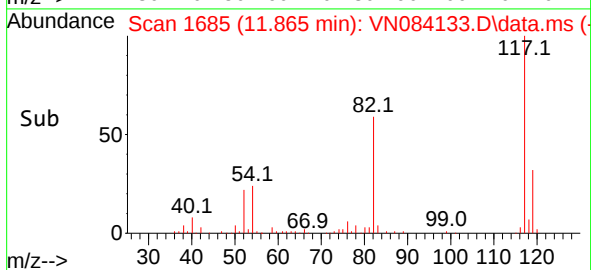
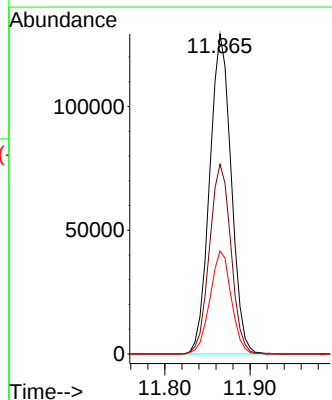
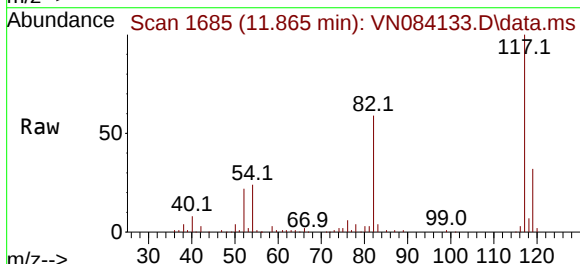
Instrument :
MSVOA_N
ClientSampleId :
RE122D3-20240916

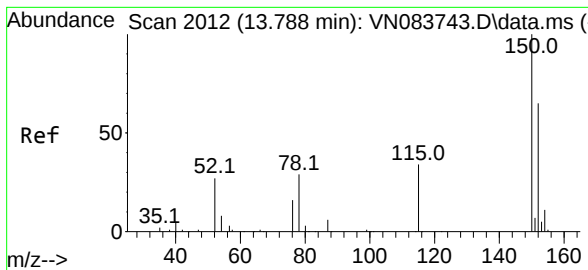
Tgt Ion: 95 Resp: 109090
Ion Ratio Lower Upper
95 100
174 71.8 0.0 139.8
176 68.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084133.D
Acq: 24 Sep 2024 14:43

Tgt Ion: 117 Resp: 227032
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.0
119 32.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084133.D

Acq: 24 Sep 2024 14:43

Instrument :

MSVOA_N

ClientSampleId :

RE122D3-20240916

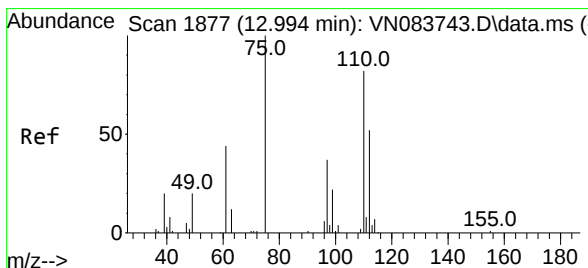
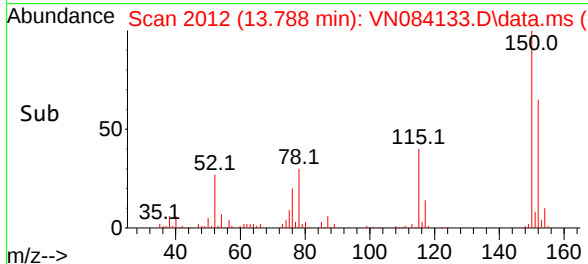
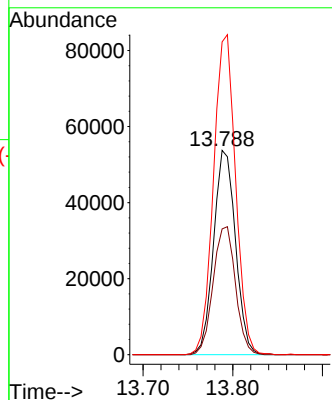
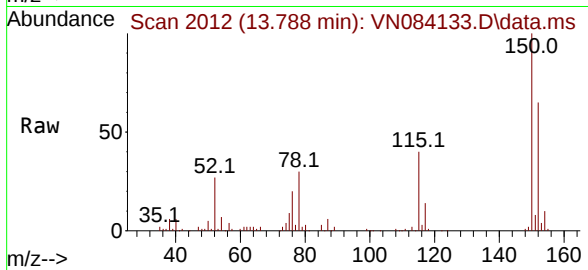
Tgt Ion:152 Resp: 91202

Ion Ratio Lower Upper

152 100

115 63.9 32.2 96.6

150 157.9 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 32.845 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN084133.D

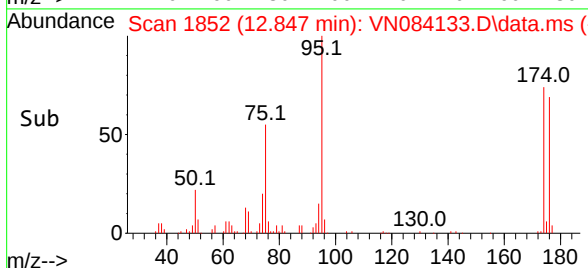
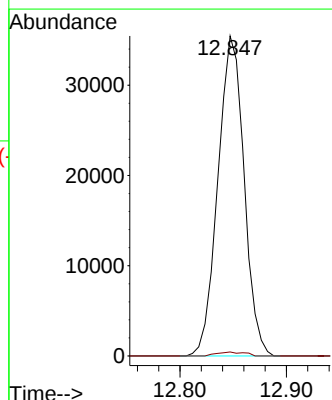
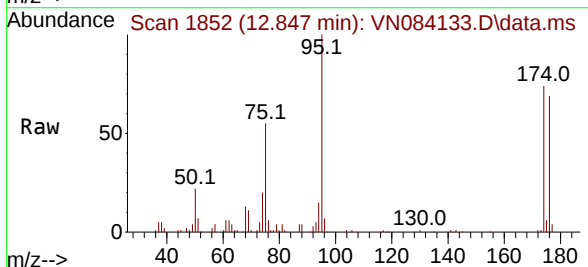
Acq: 24 Sep 2024 14:43

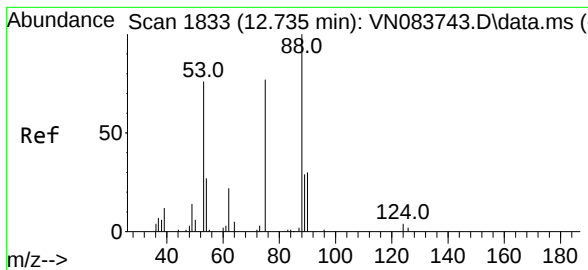
Tgt Ion: 75 Resp: 60443

Ion Ratio Lower Upper

75 100

77 1.3 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.022 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084133.D
Acq: 24 Sep 2024 14:43

Instrument :
MSVOA_N
ClientSampleId :
RE122D3-20240916

Tgt Ion: 75 Resp: 60443
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

