

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084130.D
 Acq On : 24 Sep 2024 13:31
 Operator : JC\MD
 Sample : P4116-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT158S1-20240916

Quant Time: Sep 25 01:33:22 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)

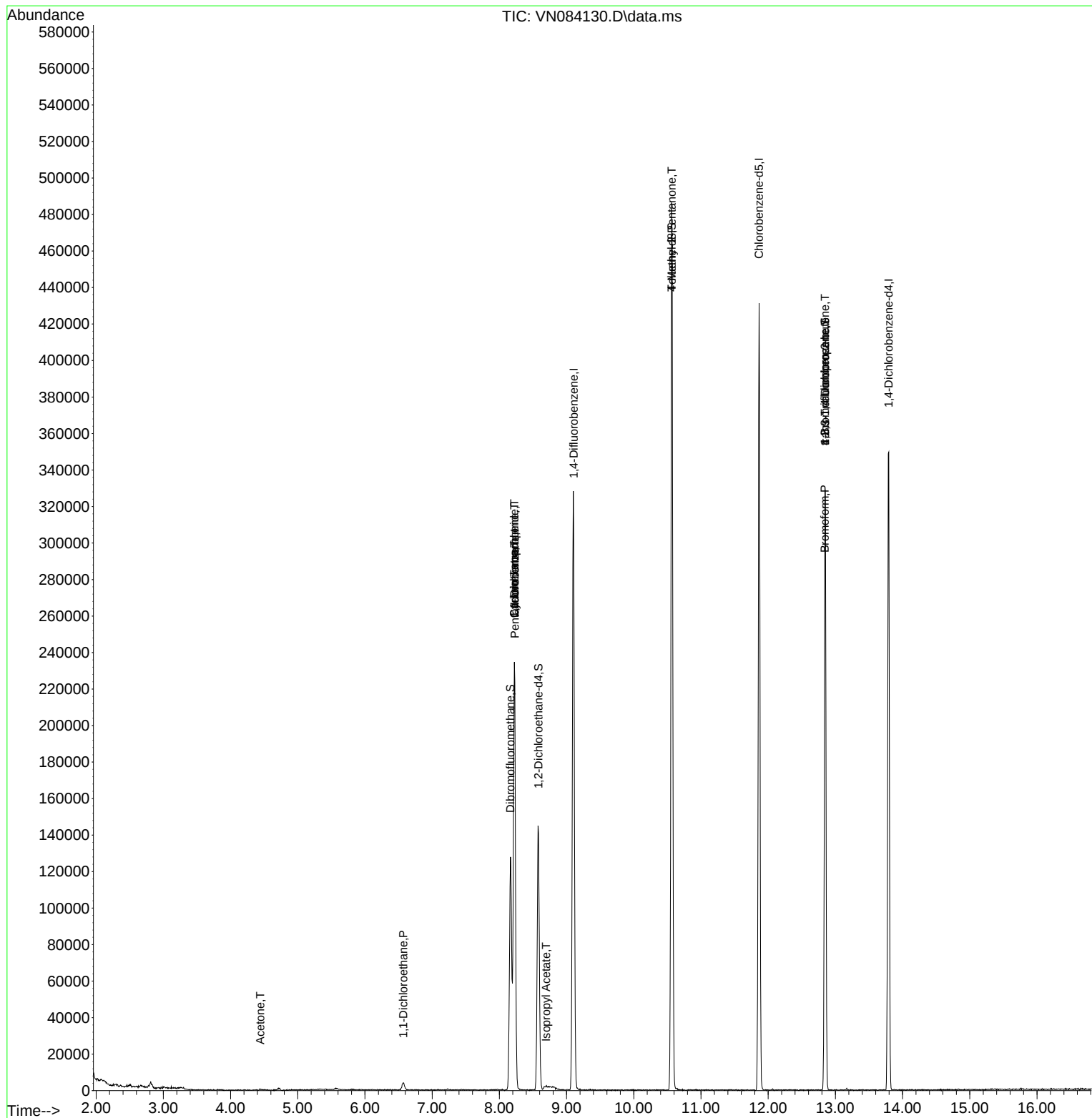
Internal Standards						
1) Pentafluorobenzene	8.230	168	155225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	272033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	120972	51.685	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.360%			
35) Dibromofluoromethane	8.165	113	89710	51.512	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.020%			
50) Toluene-d8	10.565	98	325864	54.125	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.260%			
62) 4-Bromofluorobenzene	12.847	95	111558	44.912	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.820%			
Target Compounds						
3) Chloromethane	2.365	50	570	Below Cal	#	41
16) Acetone	4.442	43	948	1.010	ug/l #	45
18) Methyl Acetate	5.042	43	58	Below Cal	#	52
24) 1,1-Dichloroethane	6.571	63	6970	1.965	ug/l #	91
31) Cyclohexane	8.224	56	4274	1.263	ug/l #	31
36) 1,1-Dichloropropene	8.224	75	14922	5.693	ug/l #	51
38) Carbon Tetrachloride	8.224	117	17876	6.011	ug/l #	19
43) Isopropyl Acetate	8.694	43	2221	0.515	ug/l #	57
51) 4-Methyl-2-Pentanone	10.565	43	1520	0.648	ug/l #	1
71) Bromoform	12.841	173	783	0.651	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61589	33.032	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61589	86.514	ug/l #	9

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

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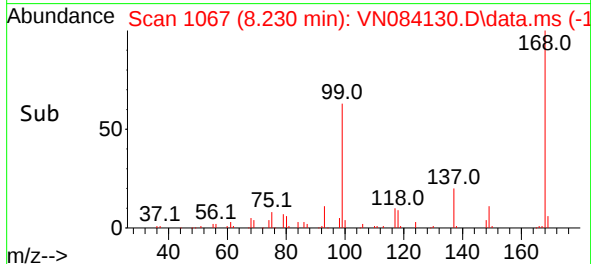
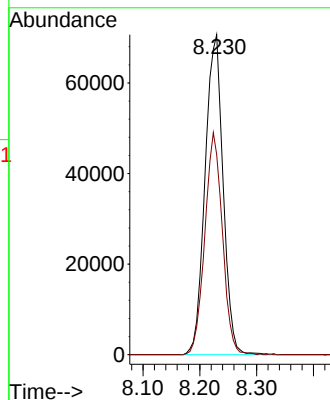
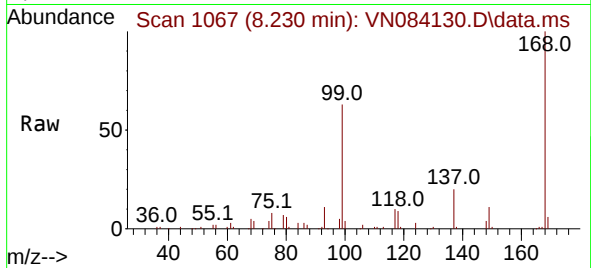




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN084130.D
Acq: 24 Sep 2024 13:31

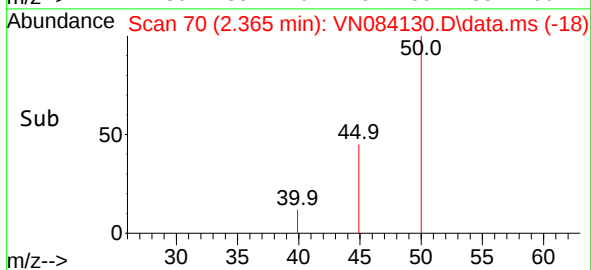
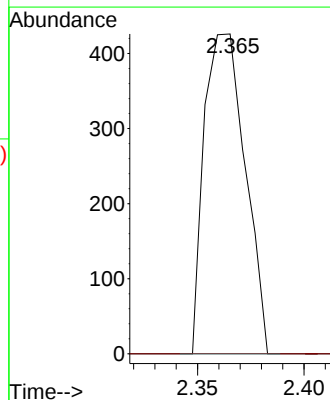
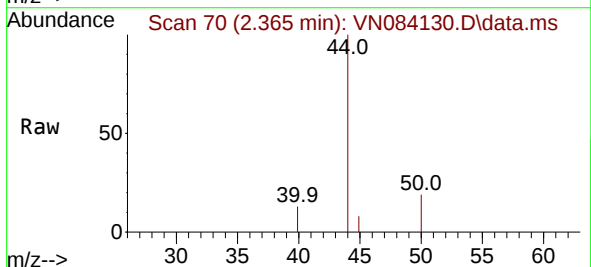
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20240916

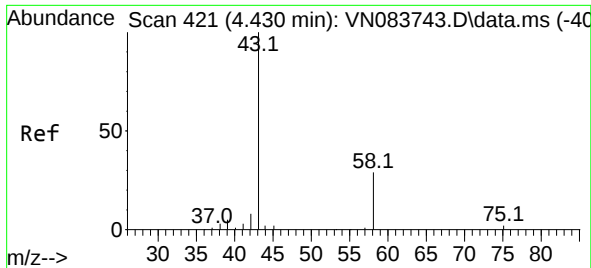
Tgt Ion:168 Resp: 155225
Ion Ratio Lower Upper
168 100
99 62.5 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084130.D
Acq: 24 Sep 2024 13:31

Tgt Ion: 50 Resp: 570
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#





#16

Acetone

Concen: 1.010 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN084130.D

Acq: 24 Sep 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

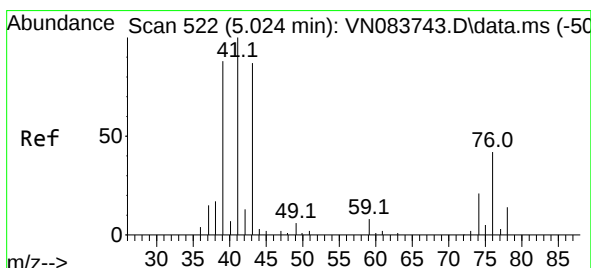
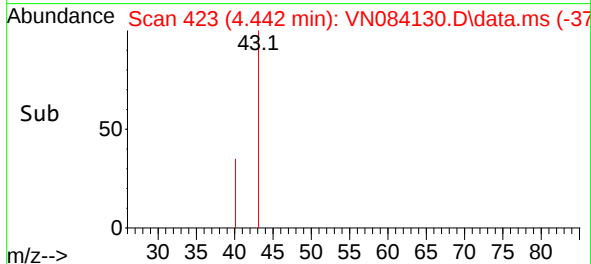
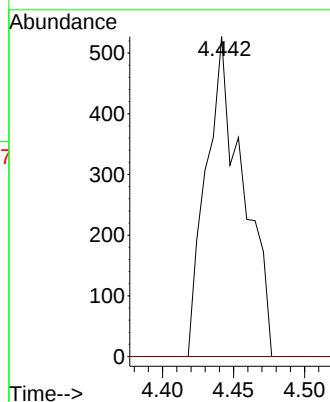
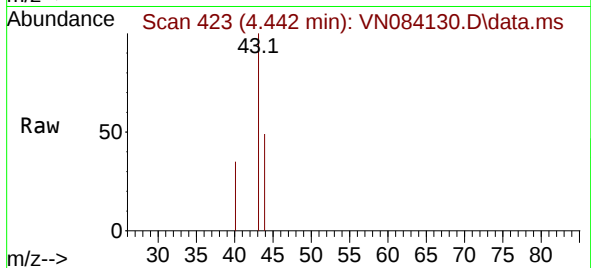
TT158S1-20240916

Tgt Ion: 43 Resp: 948

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.042 min Scan# 525

Delta R.T. 0.018 min

Lab File: VN084130.D

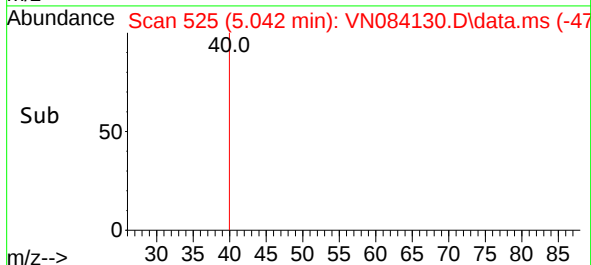
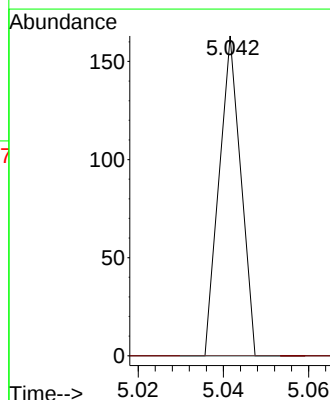
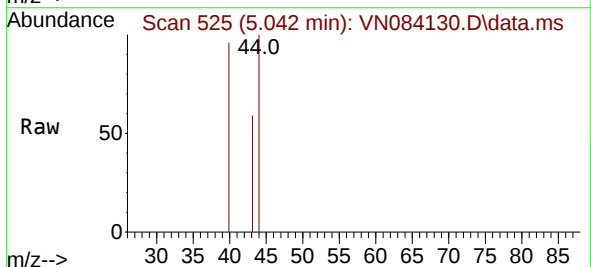
Acq: 24 Sep 2024 13:31

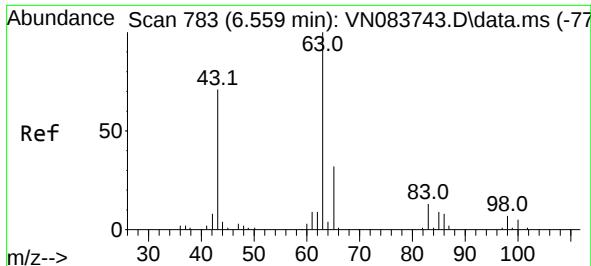
Tgt Ion: 43 Resp: 58

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.4#





#24

1,1-Dichloroethane

Concen: 1.965 ug/l

RT: 6.571 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN084130.D

Acq: 24 Sep 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

TT158S1-20240916

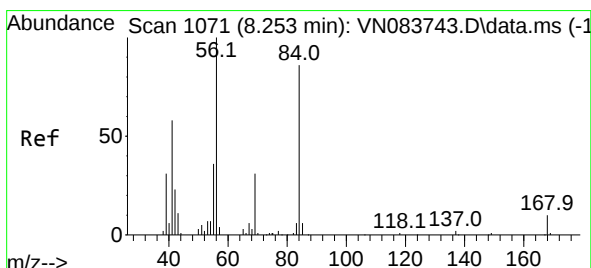
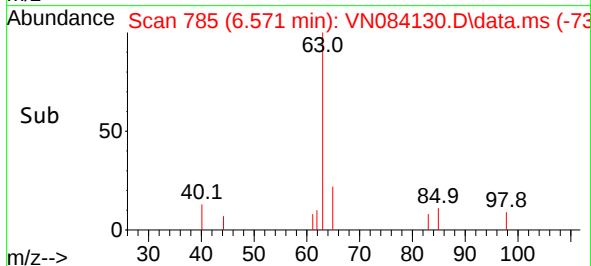
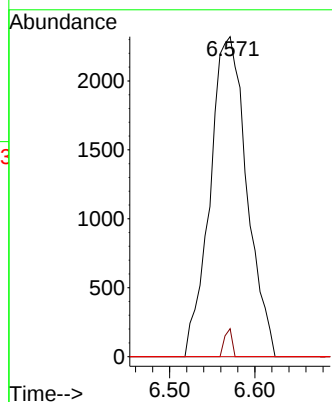
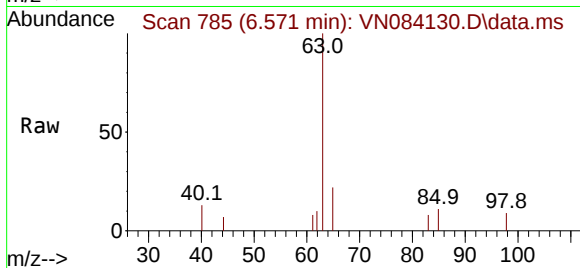
Tgt Ion: 63 Resp: 6970

Ion Ratio Lower Upper

63 100

98 8.7 3.5 10.4

100 0.0 2.5 7.5#



#31

Cyclohexane

Concen: 1.263 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN084130.D

Acq: 24 Sep 2024 13:31

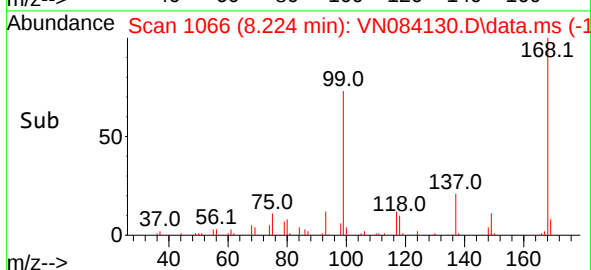
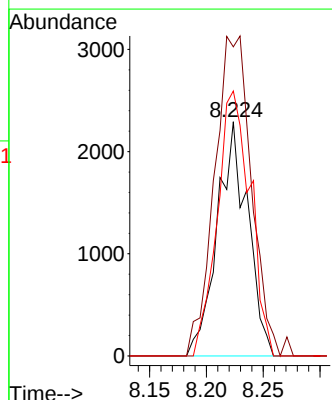
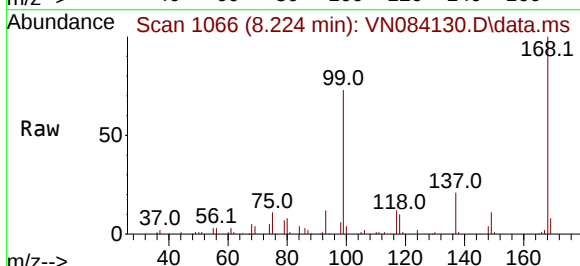
Tgt Ion: 56 Resp: 4274

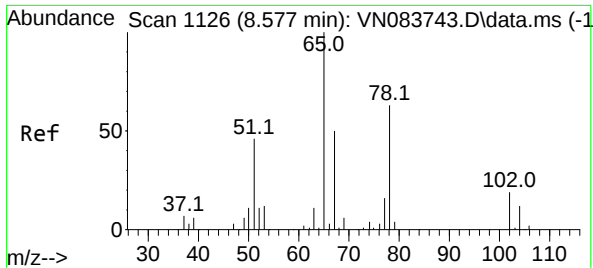
Ion Ratio Lower Upper

56 100

69 132.0 26.9 40.3#

84 113.1 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 51.685 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084130.D

Acq: 24 Sep 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

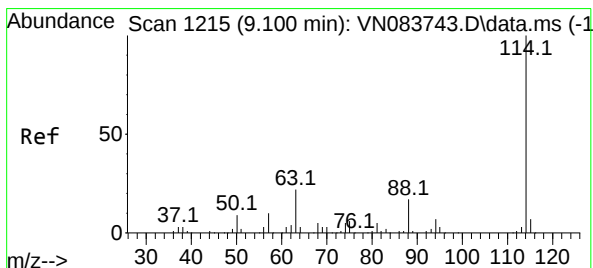
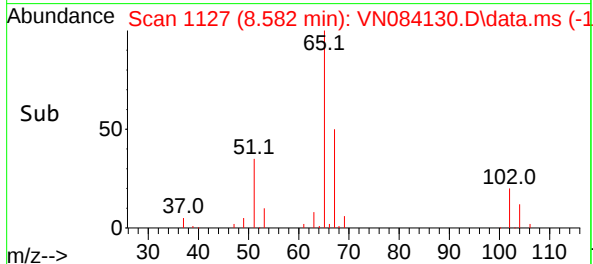
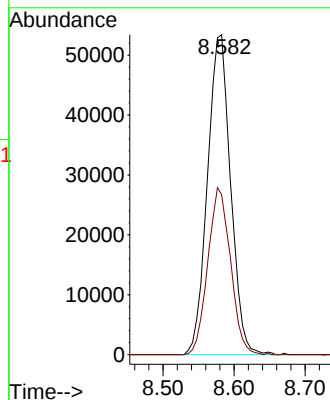
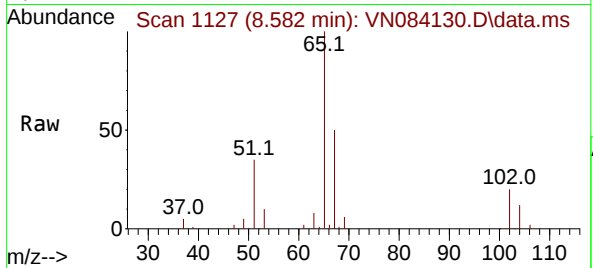
TT158S1-20240916

Tgt Ion: 65 Resp: 120972

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN084130.D

Acq: 24 Sep 2024 13:31

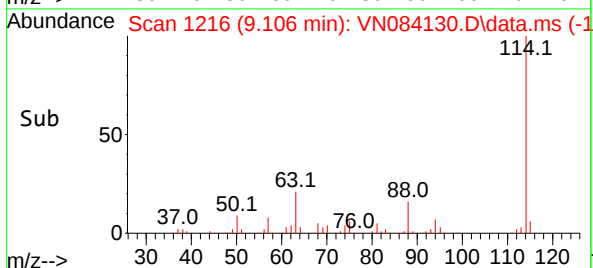
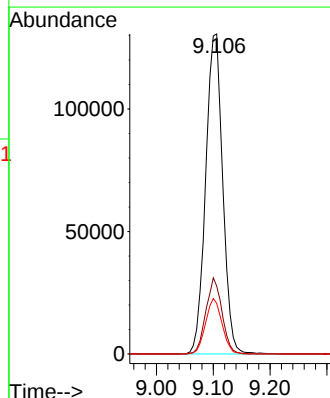
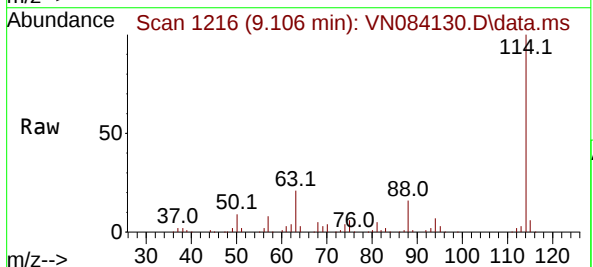
Tgt Ion: 114 Resp: 272033

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.4

88 15.8 0.0 32.6

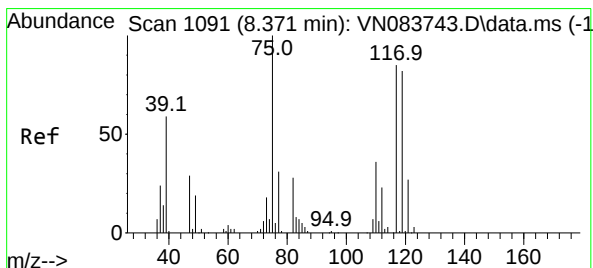
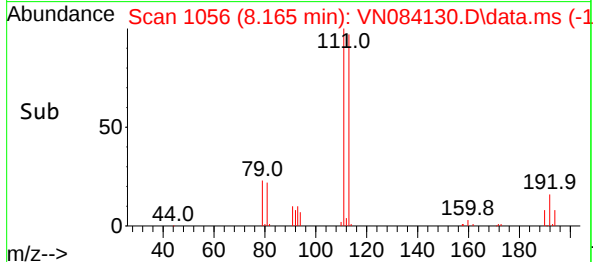
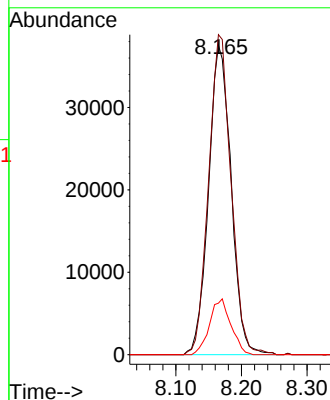
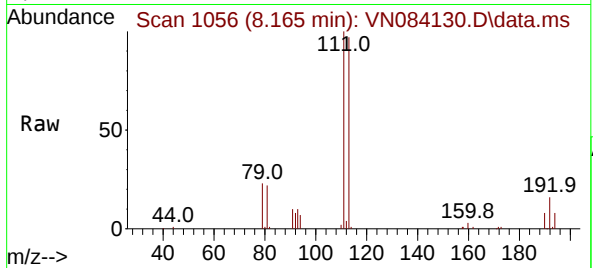




#35
Dibromofluoromethane
Concen: 51.512 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084130.D
Acq: 24 Sep 2024 13:31

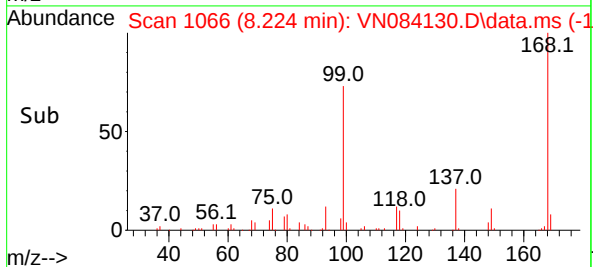
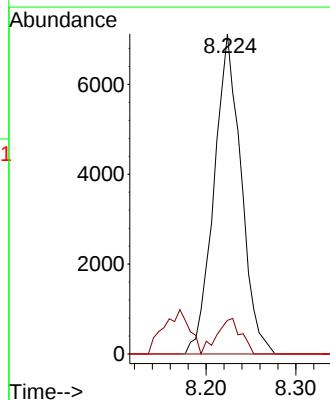
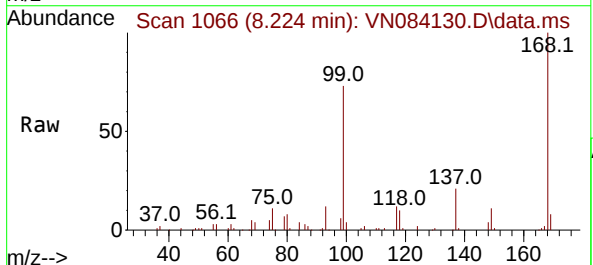
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20240916

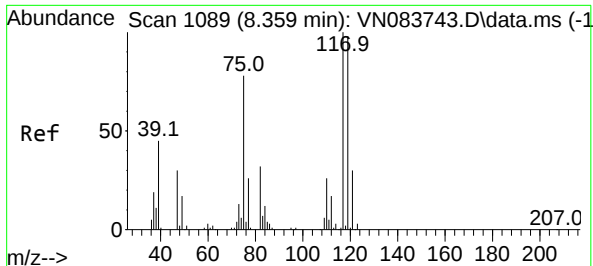
Tgt Ion:113 Resp: 89710
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 17.1 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.693 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084130.D
Acq: 24 Sep 2024 13:31

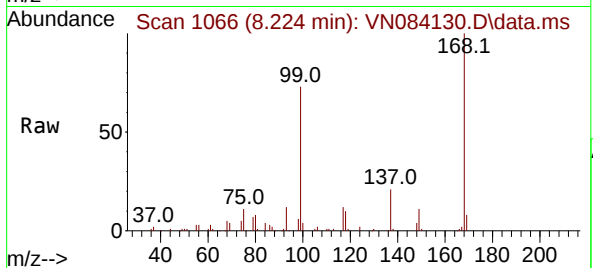
Tgt Ion: 75 Resp: 14922
Ion Ratio Lower Upper
75 100
110 9.8 16.7 50.1#
77 0.0 25.2 37.8#



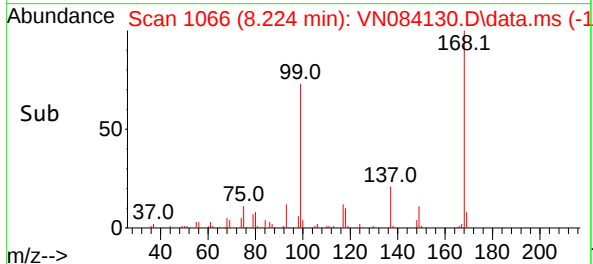
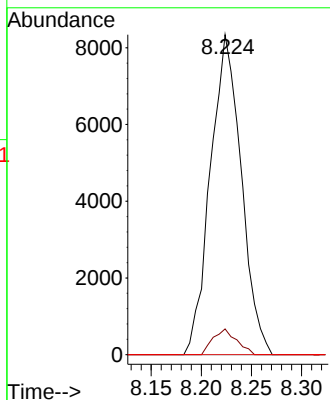


#38
Carbon Tetrachloride
Concen: 6.011 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN084130.D
Acq: 24 Sep 2024 13:31

Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20240916

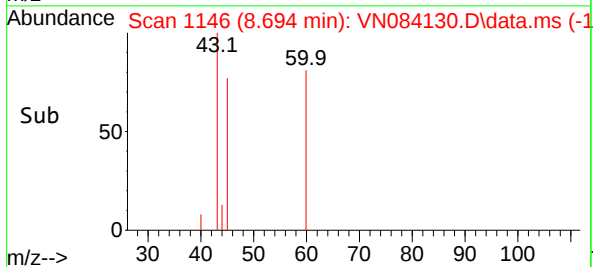
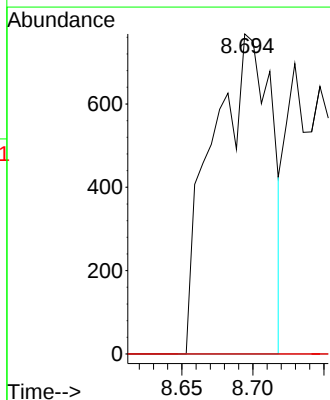
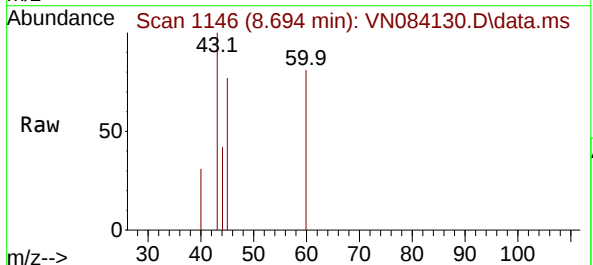


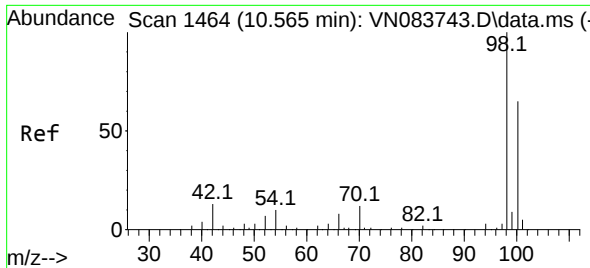
Tgt Ion:117 Resp: 17876
Ion Ratio Lower Upper
117 100
119 8.0 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.515 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN084130.D
Acq: 24 Sep 2024 13:31

Tgt Ion: 43 Resp: 2221
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

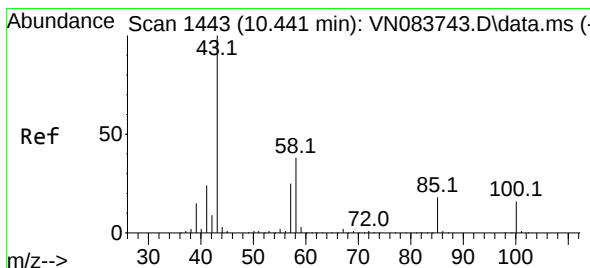
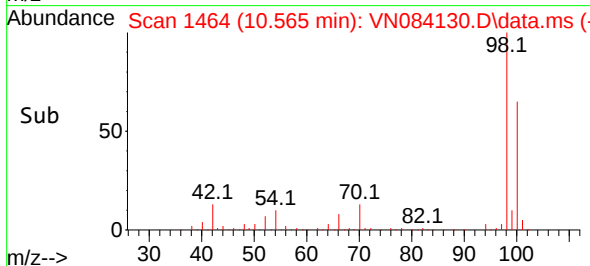
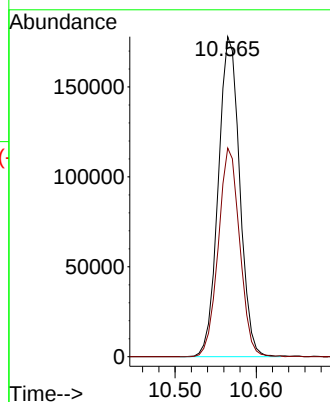
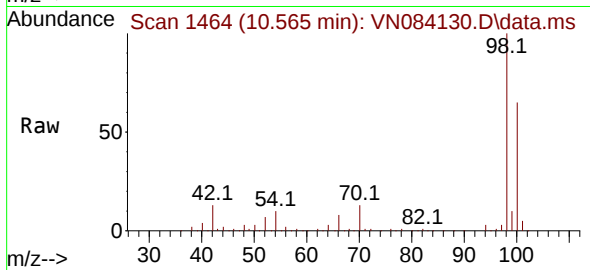




#50
Toluene-d8
Concen: 54.125 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084130.D
Acq: 24 Sep 2024 13:31

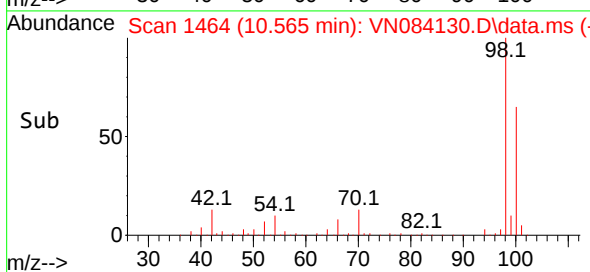
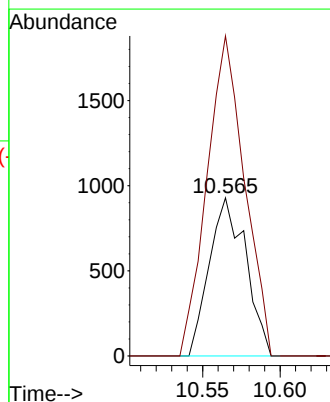
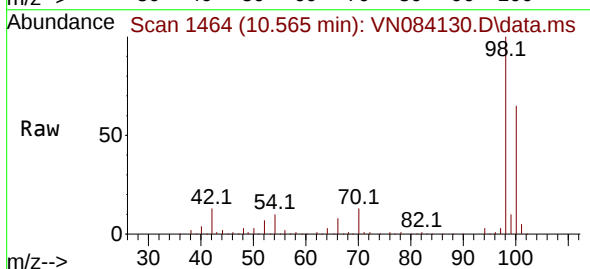
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20240916

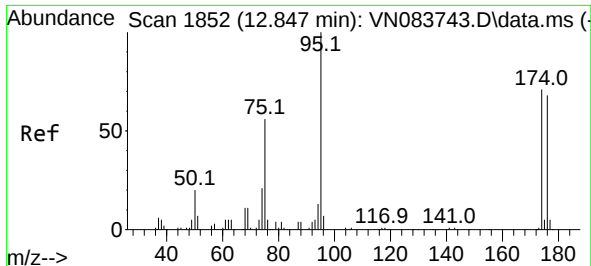
Tgt Ion: 98 Resp: 325864
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.648 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN084130.D
Acq: 24 Sep 2024 13:31

Tgt Ion: 43 Resp: 1520
Ion Ratio Lower Upper
43 100
58 208.6 31.6 47.4#

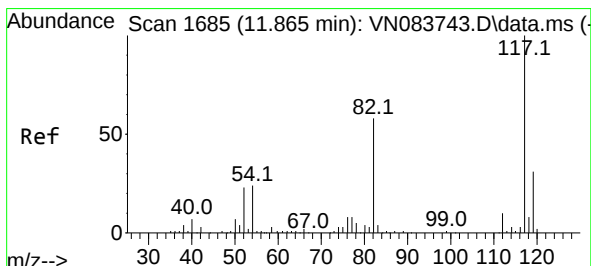
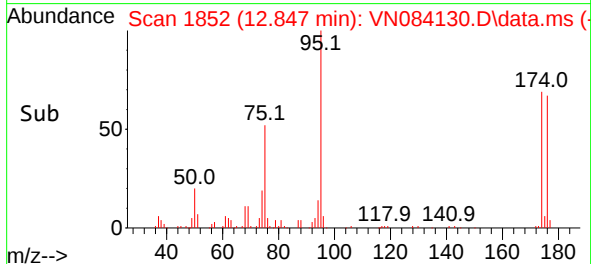
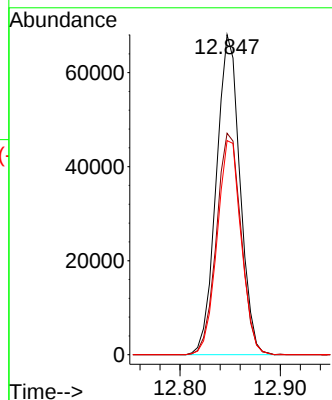
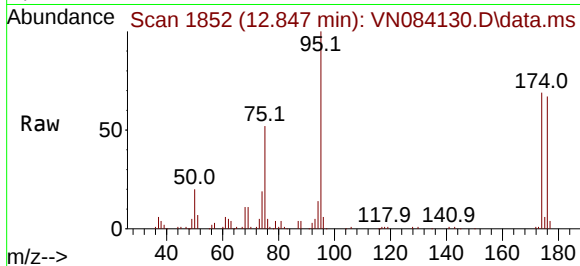




#62
4-Bromofluorobenzene
Concen: 44.912 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084130.D
Acq: 24 Sep 2024 13:31

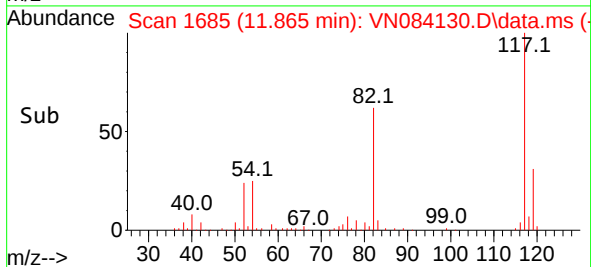
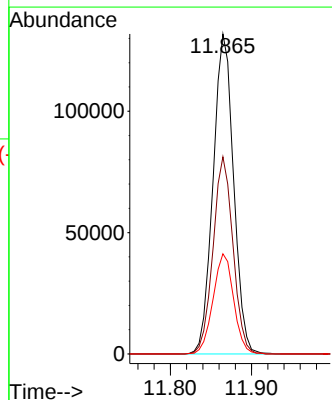
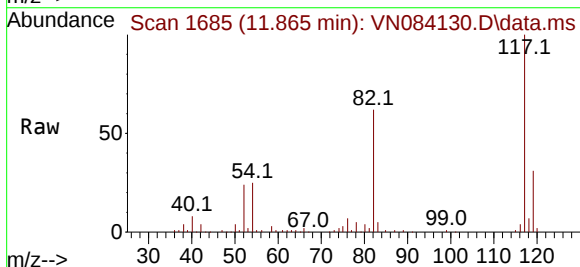
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20240916

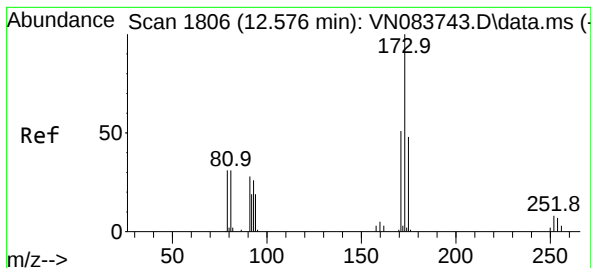
Tgt Ion: 95 Resp: 111558
Ion Ratio Lower Upper
95 100
174 72.0 0.0 139.8
176 68.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084130.D
Acq: 24 Sep 2024 13:31

Tgt Ion: 117 Resp: 231490
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.0
119 31.3 26.3 39.5





#71

Bromoform

Concen: 0.651 ug/l

RT: 12.841 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN084130.D

Acq: 24 Sep 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

TT158S1-20240916

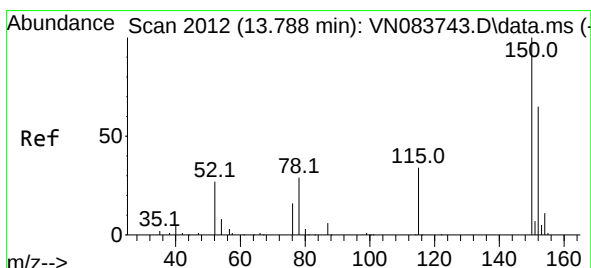
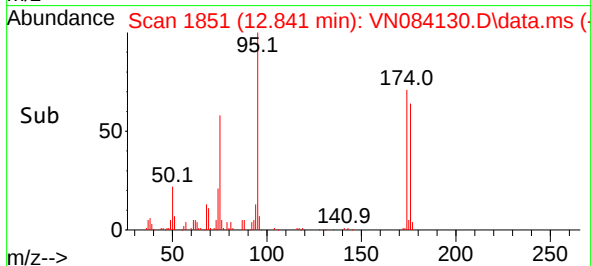
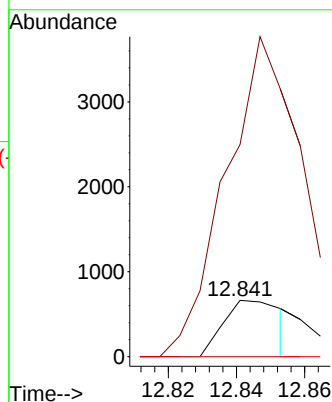
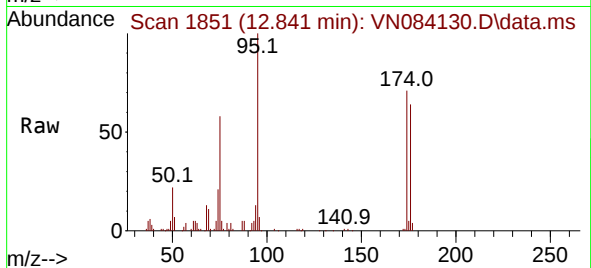
Tgt Ion:173 Resp: 783

Ion Ratio Lower Upper

173 100

175 563.7 24.1 72.2#

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. 0.006 min

Lab File: VN084130.D

Acq: 24 Sep 2024 13:31

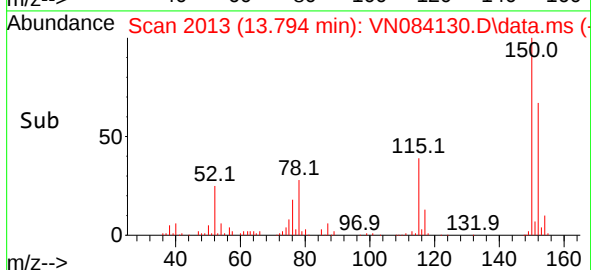
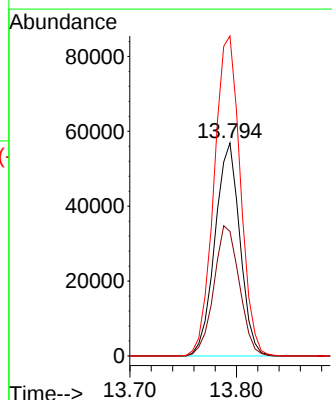
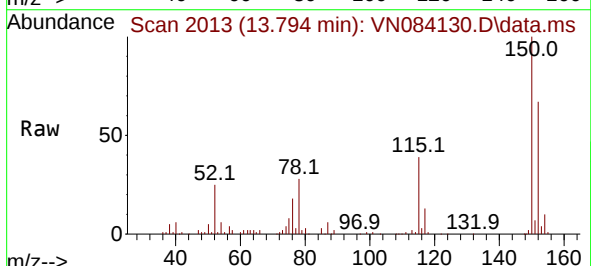
Tgt Ion:152 Resp: 92403

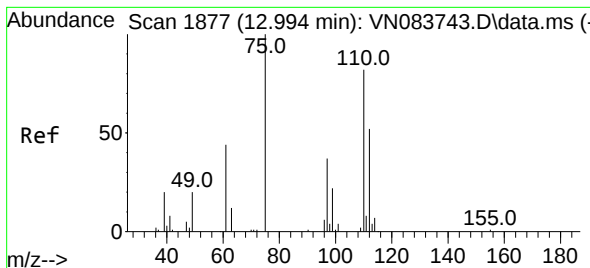
Ion Ratio Lower Upper

152 100

115 62.6 32.2 96.6

150 158.0 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 33.032 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN084130.D

Acq: 24 Sep 2024 13:31

Instrument :

MSVOA_N

ClientSampleId :

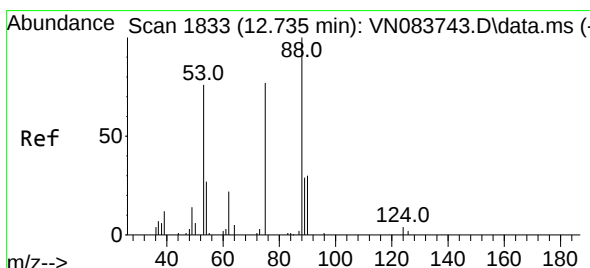
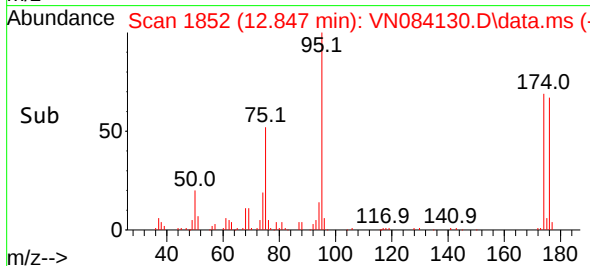
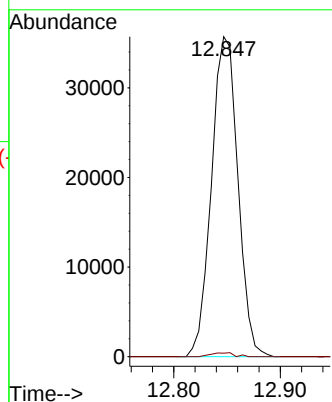
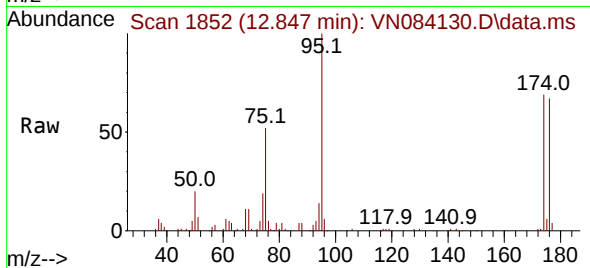
TT158S1-20240916

Tgt Ion: 75 Resp: 61589

Ion Ratio Lower Upper

75 100

77 1.1 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.514 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084130.D

Acq: 24 Sep 2024 13:31

Tgt Ion: 75 Resp: 61589

Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

