

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083288.D
 Acq On : 14 Aug 2024 09:16
 Operator : JC\MD
 Sample : P3466-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 09:34:22 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)

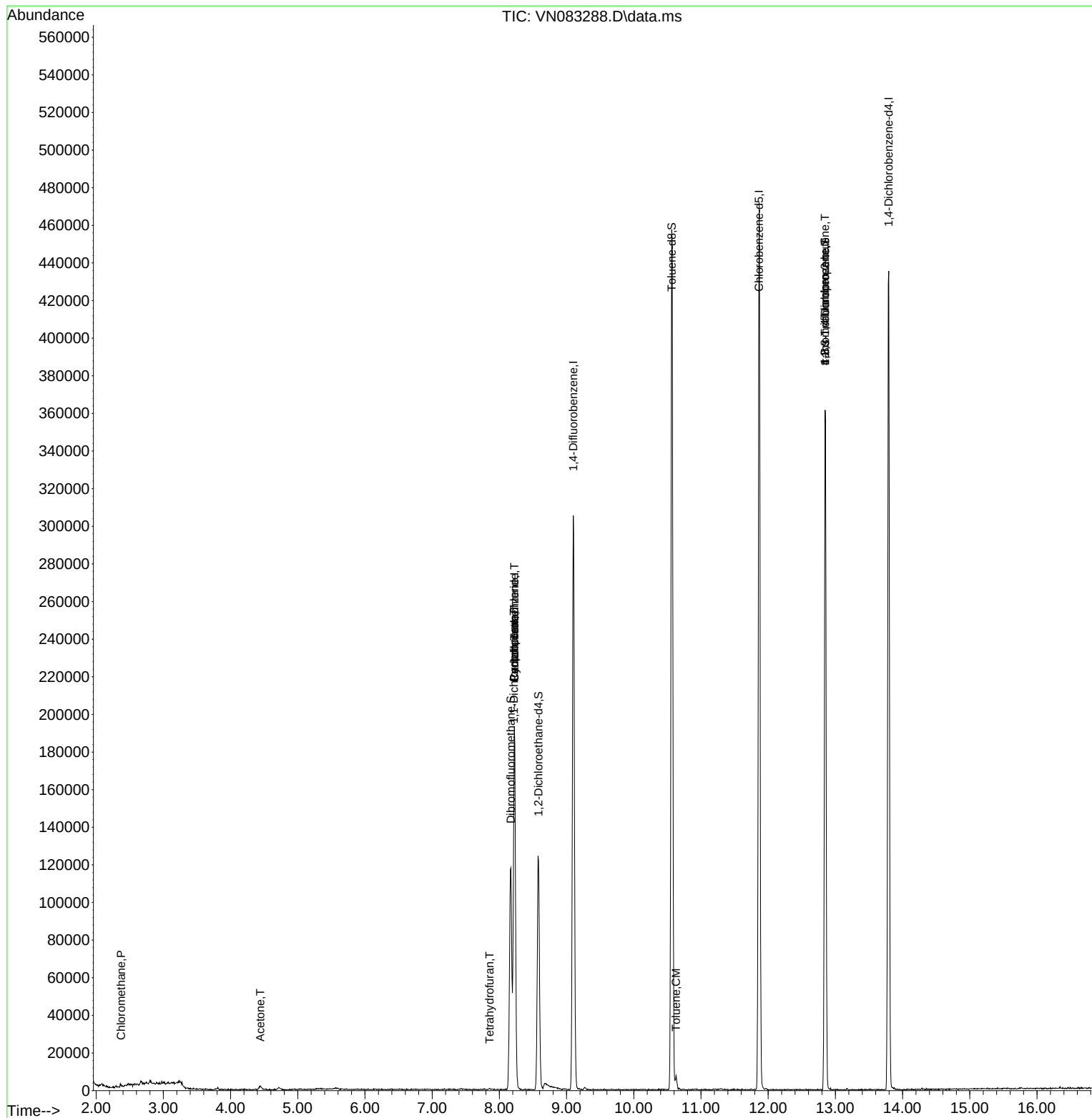
Internal Standards						
1) Pentafluorobenzene	8.224	168	131301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	108154	57.870	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 115.740%		
35) Dibromofluoromethane	8.171	113	85476	53.165	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.320%		
50) Toluene-d8	10.565	98	323258	53.901	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.800%		
62) 4-Bromofluorobenzene	12.847	95	132257	56.566	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 113.140%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1037	0.680	ug/l	92
16) Acetone	4.441	43	3762	5.144	ug/l	93
29) Tetrahydrofuran	7.853	42	420	0.579	ug/l #	64
31) Cyclohexane	8.224	56	3190	1.152	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	11915	4.899	ug/l #	53
38) Carbon Tetrachloride	8.224	117	14702	5.367	ug/l #	16
43) Isopropyl Acetate	8.688	43	3447	Below Cal	#	60
52) Toluene	10.629	92	2672	0.584	ug/l	88
76) 1,2,3-Trichloropropane	12.847	75	71408	27.859	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71408	60.600	ug/l #	6

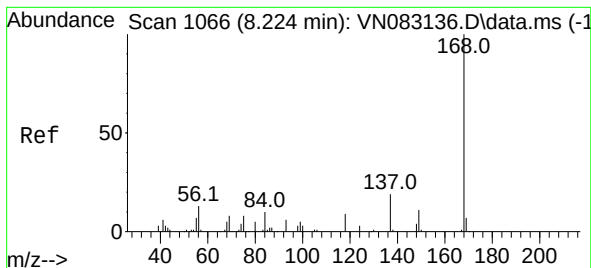
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083288.D

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Instrument :

MSVOA_N

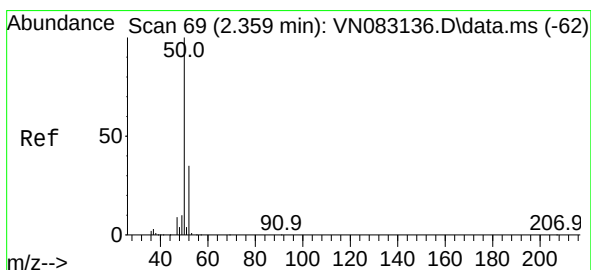
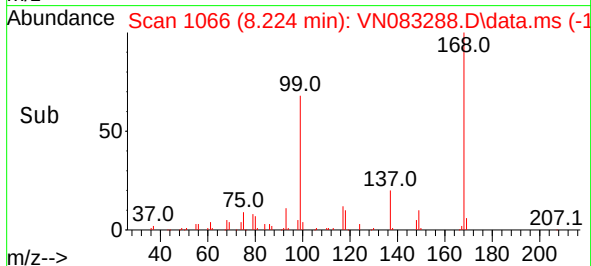
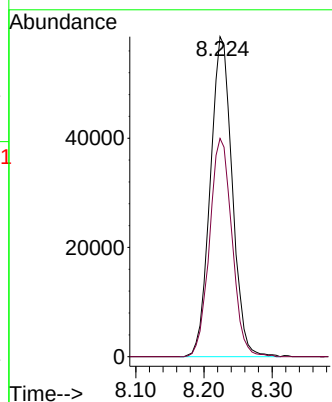
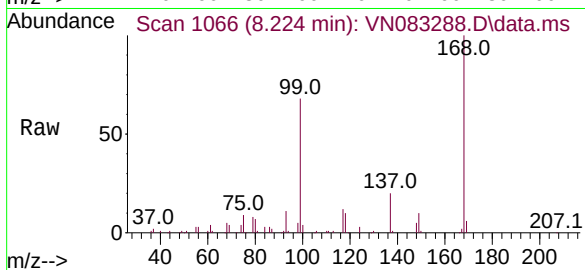
ClientSampleId :

Tgt Ion:168 Resp: 131301

Ion Ratio Lower Upper

168 100

99 68.2 48.2 72.4



#3

Chloromethane

Concen: 0.680 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN083288.D

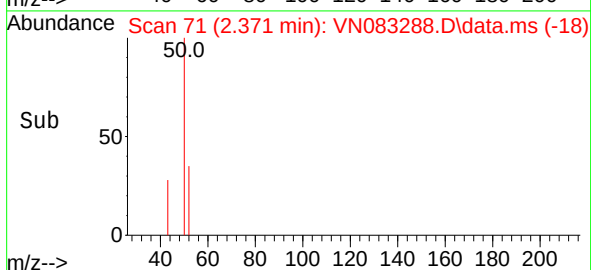
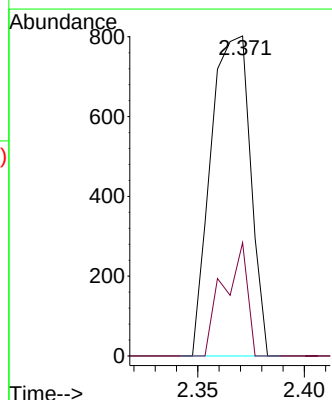
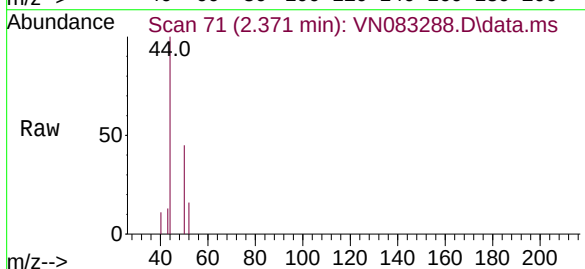
Acq: 14 Aug 2024 09:16

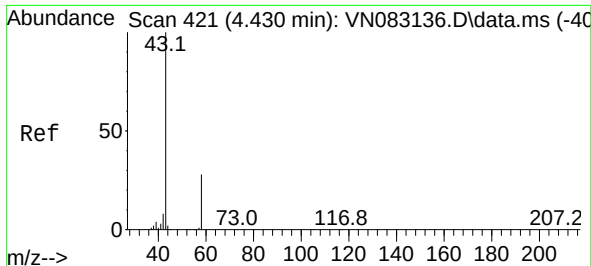
Tgt Ion: 50 Resp: 1037

Ion Ratio Lower Upper

50 100

52 35.4 25.0 37.4





#16

Acetone

Concen: 5.144 ug/l

RT: 4.441 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN083288.D

Acq: 14 Aug 2024 09:16

Instrument :

MSVOA_N

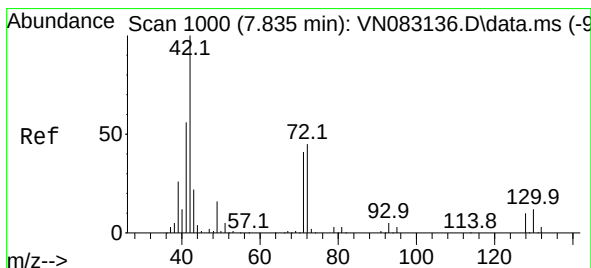
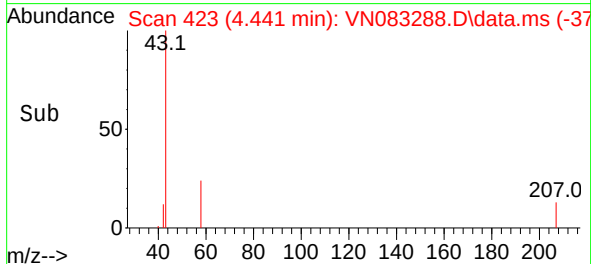
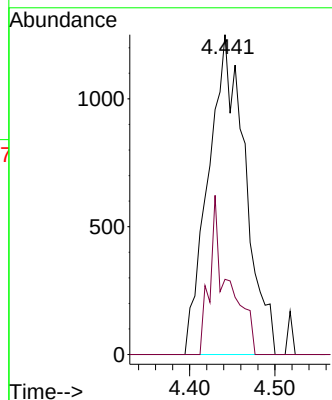
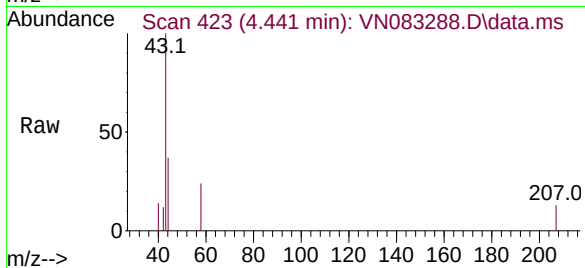
ClientSampleId :

Tgt Ion: 43 Resp: 3762

Ion Ratio Lower Upper

43 100

58 23.5 21.8 32.6



#29

Tetrahydrofuran

Concen: 0.579 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.018 min

Lab File: VN083288.D

Acq: 14 Aug 2024 09:16

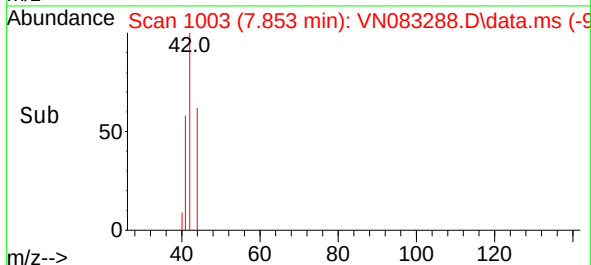
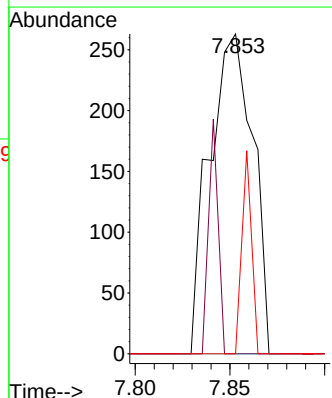
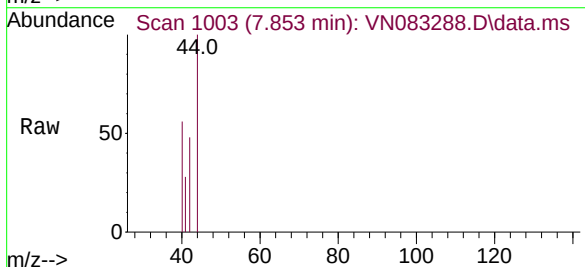
Tgt Ion: 42 Resp: 420

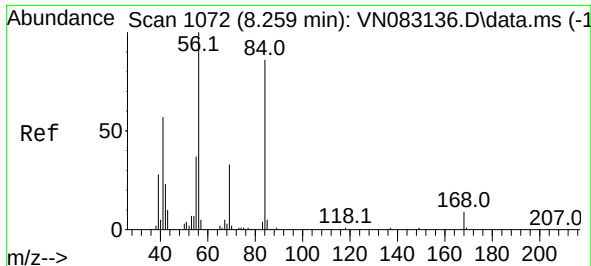
Ion Ratio Lower Upper

42 100

72 16.2 30.0 45.0#

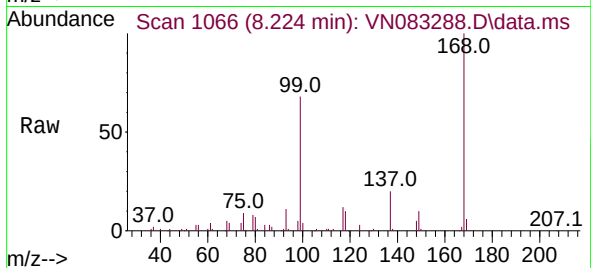
71 14.0 28.3 42.5#



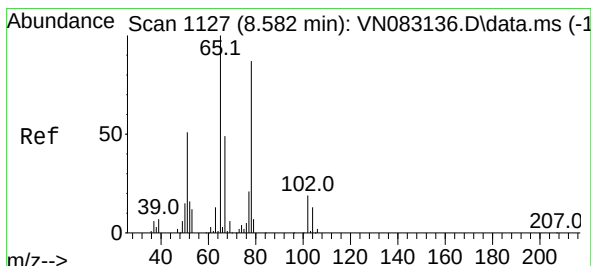
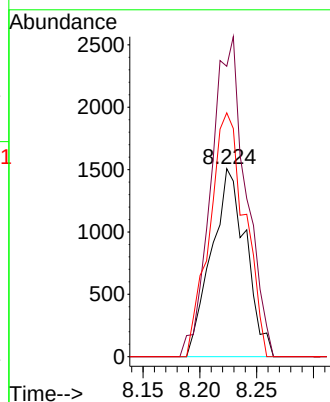
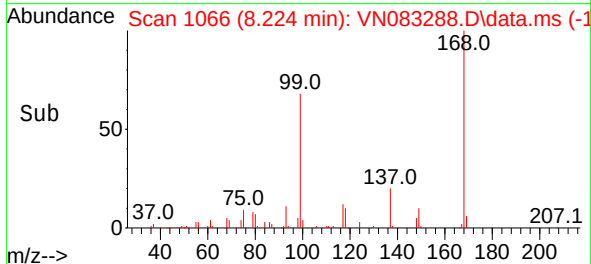


#31
Cyclohexane
Concen: 1.152 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083288.D
Acq: 14 Aug 2024 09:16

Instrument :
MSVOA_N
ClientSampleId :

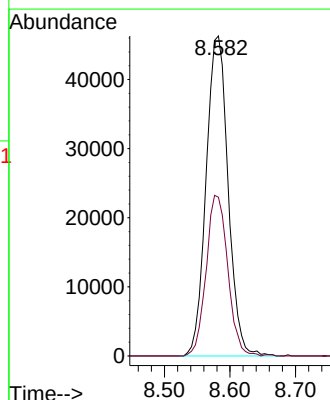
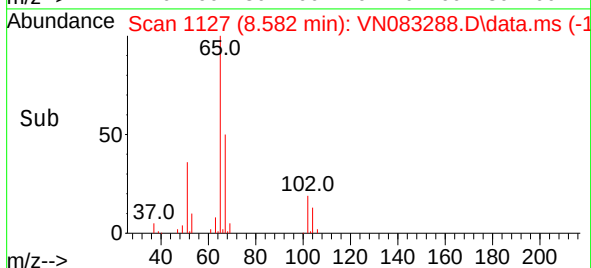
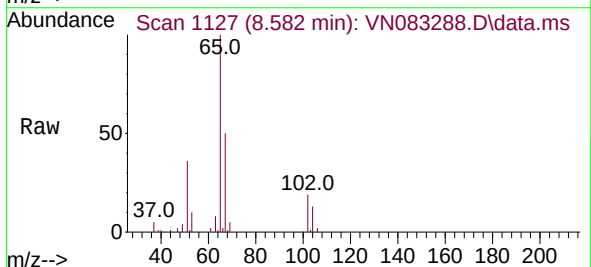


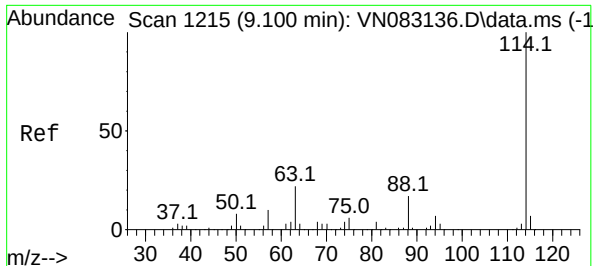
Tgt Ion: 56 Resp: 3190
Ion Ratio Lower Upper
56 100
69 154.5 24.5 36.7#
84 129.7 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 57.870 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN083288.D
Acq: 14 Aug 2024 09:16

Tgt Ion: 65 Resp: 108154
Ion Ratio Lower Upper
65 100
67 49.3 0.0 104.4

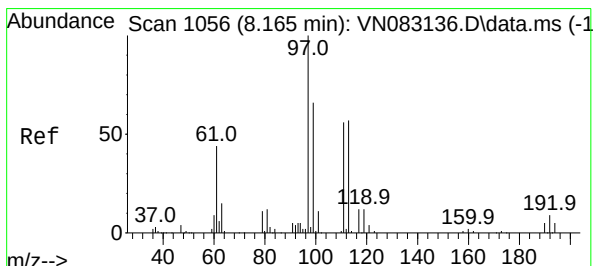
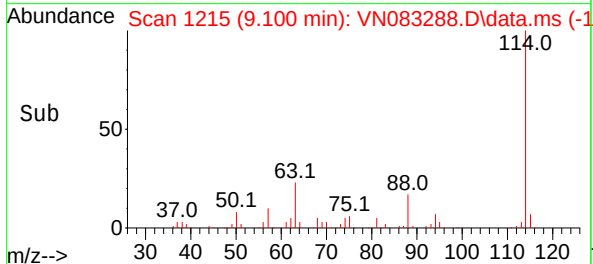
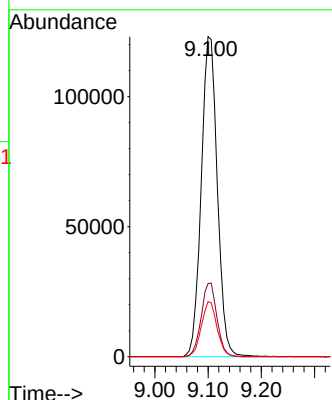
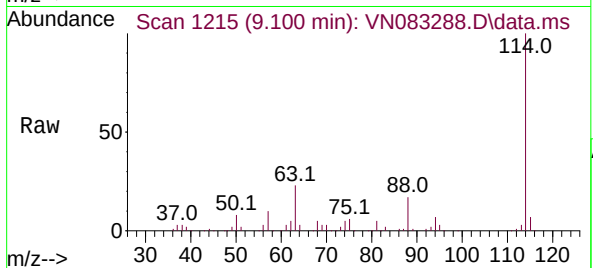




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN083288.D
Acq: 14 Aug 2024 09:16

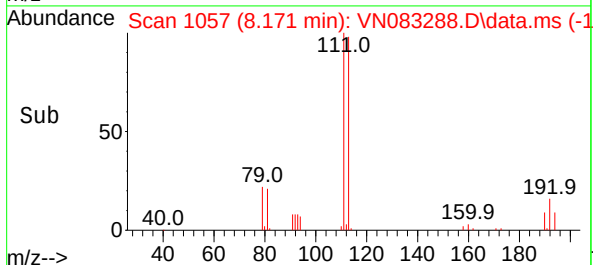
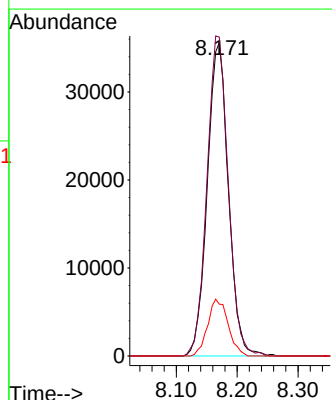
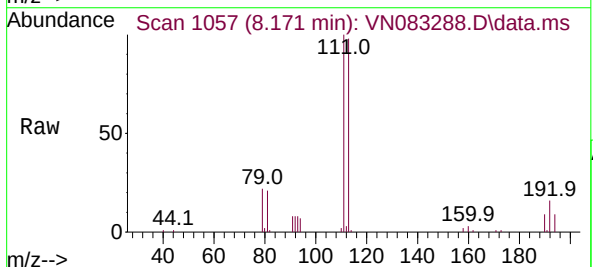
Instrument :
MSVOA_N
ClientSampleId :

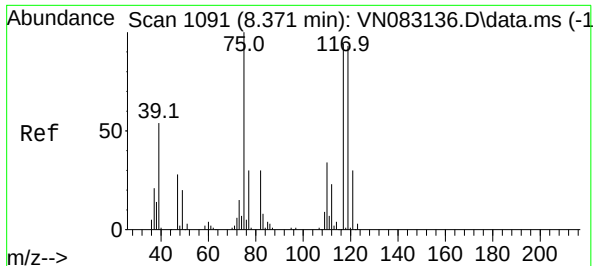
Tgt Ion:114 Resp: 257579
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.6
88 17.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.165 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083288.D
Acq: 14 Aug 2024 09:16

Tgt Ion:113 Resp: 85476
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 17.6 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.899 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.153 min

Lab File: VN083288.D

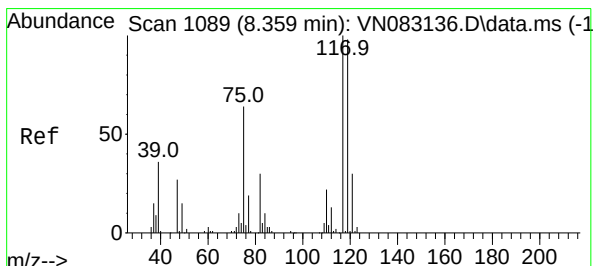
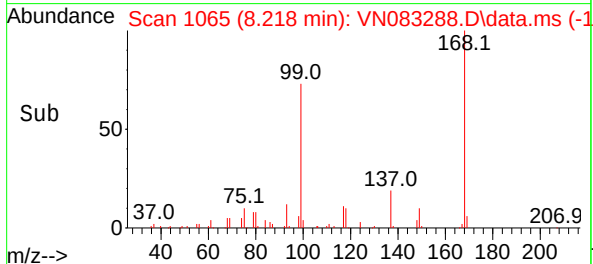
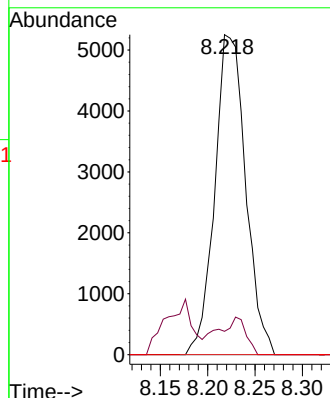
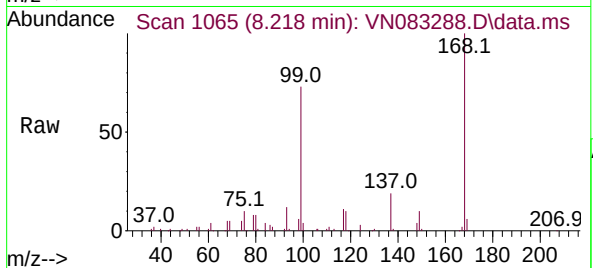
Acq: 14 Aug 2024 09:16

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	11915
Ion	Ratio	Lower	Upper
75	100		
110	10.8	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.367 ug/l

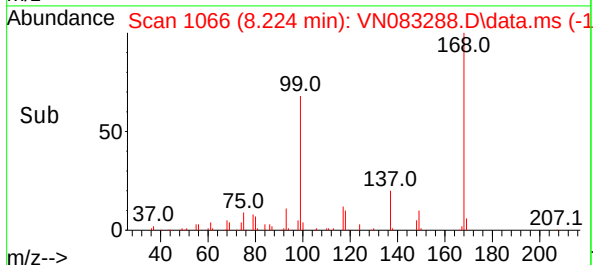
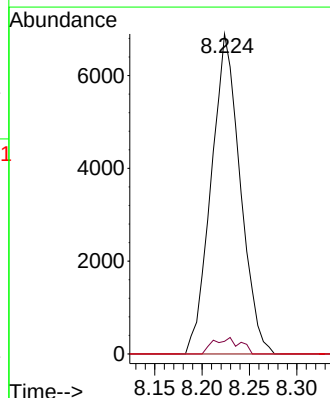
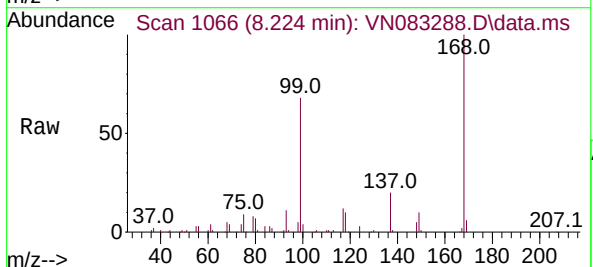
RT: 8.224 min Scan# 1066

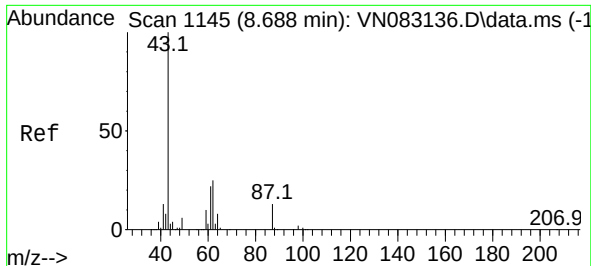
Delta R.T. -0.135 min

Lab File: VN083288.D

Acq: 14 Aug 2024 09:16

Tgt Ion:	117	Resp:	14702
Ion	Ratio	Lower	Upper
117	100		
119	4.0	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

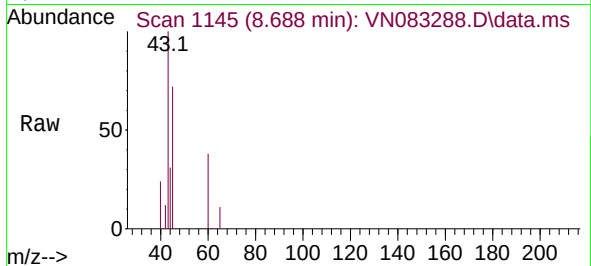
Lab File: VN083288.D

Acq: 14 Aug 2024 09:16

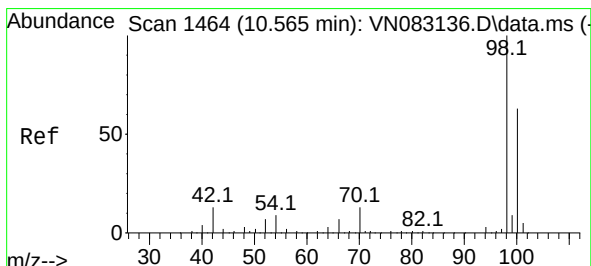
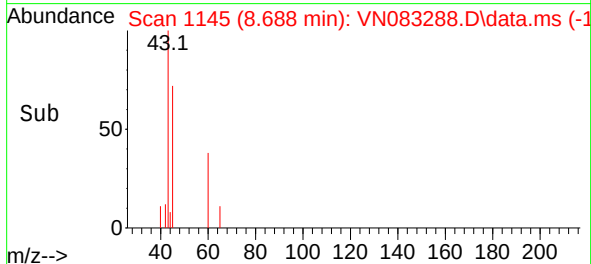
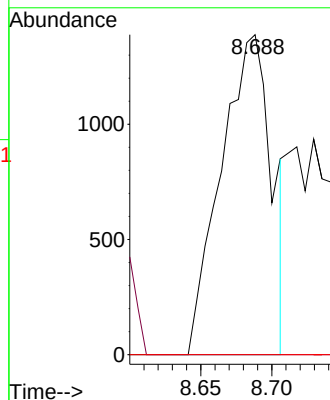
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	3447
Ion Ratio	Lower	Upper	
43	100		
61	0.0	17.8	26.6#
87	0.0	8.2	12.2#



#50

Toluene-d8

Concen: 53.901 ug/l

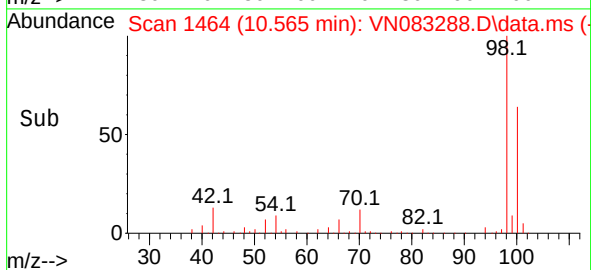
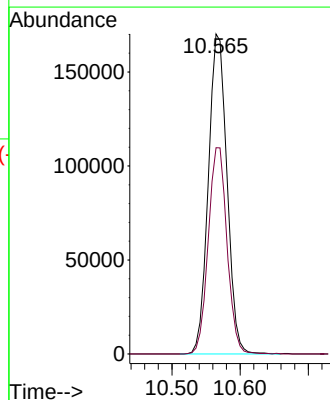
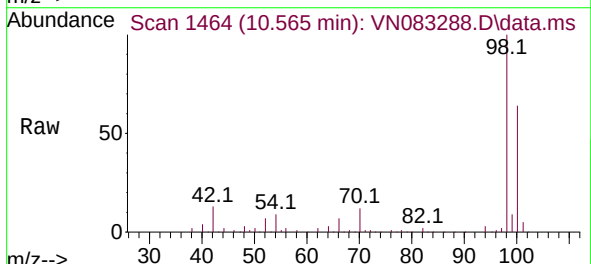
RT: 10.565 min Scan# 1464

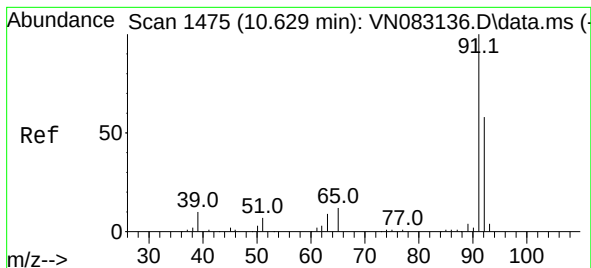
Delta R.T. -0.000 min

Lab File: VN083288.D

Acq: 14 Aug 2024 09:16

Tgt Ion:	98	Resp:	323258
Ion Ratio	Lower	Upper	
98	100		
100	65.0	51.5	77.3





#52

Toluene

Concen: 0.584 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN083288.D

Acq: 14 Aug 2024 09:16

Instrument :

MSVOA_N

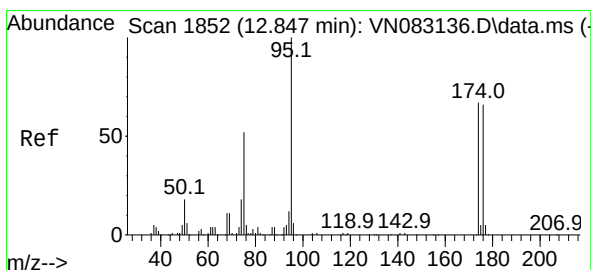
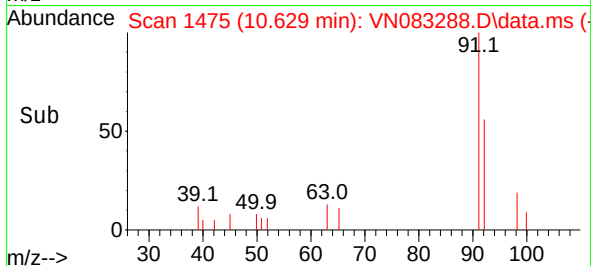
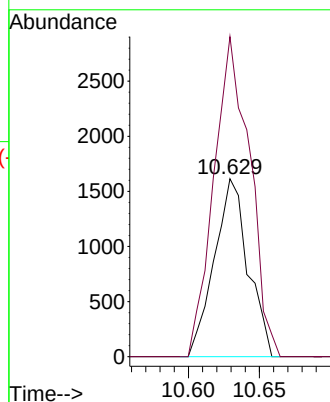
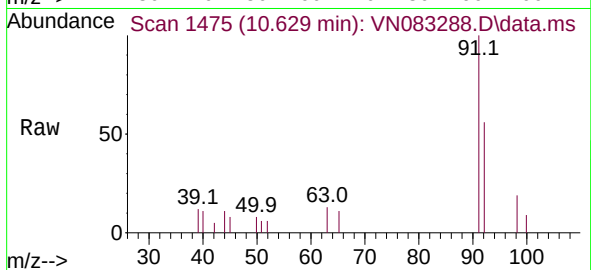
ClientSampleId :

Tgt Ion: 92 Resp: 2672

Ion Ratio Lower Upper

92 100

91 190.9 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 56.566 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083288.D

Acq: 14 Aug 2024 09:16

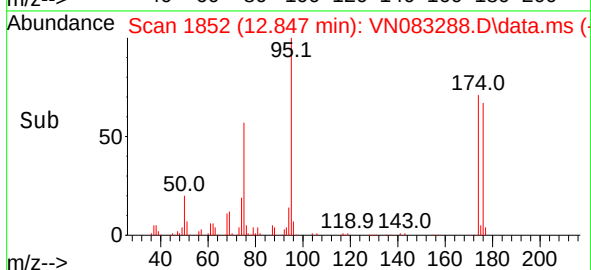
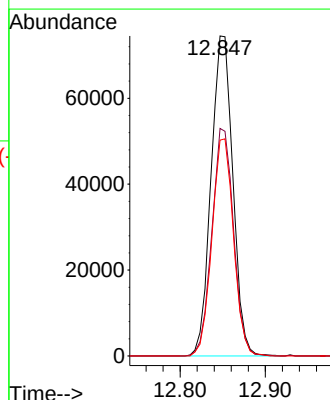
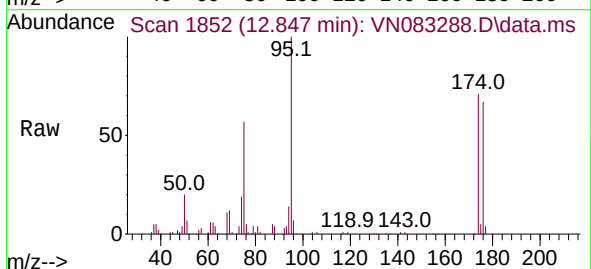
Tgt Ion: 95 Resp: 132257

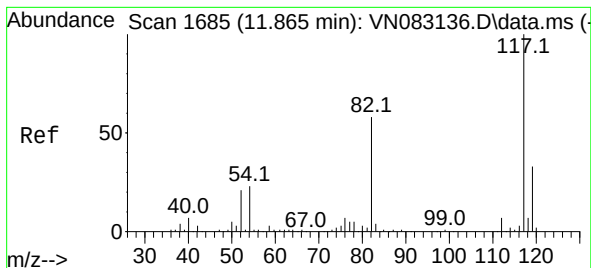
Ion Ratio Lower Upper

95 100

174 70.7 0.0 159.2

176 67.3 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: VN083288.D

Acq: 14 Aug 2024 09:16

Instrument :

MSVOA_N

ClientSampleId :

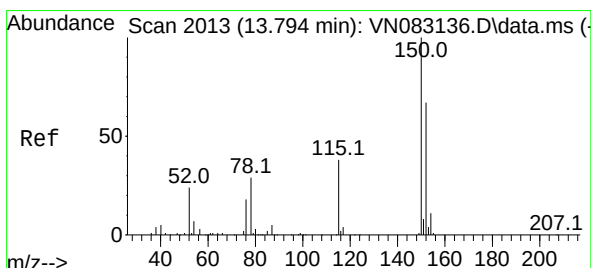
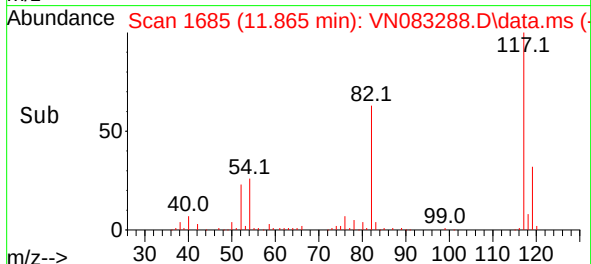
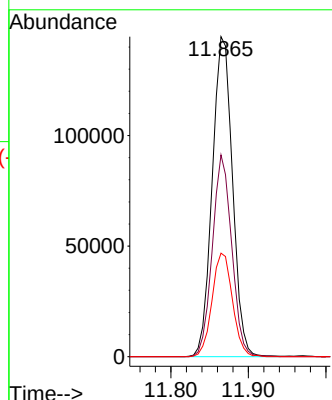
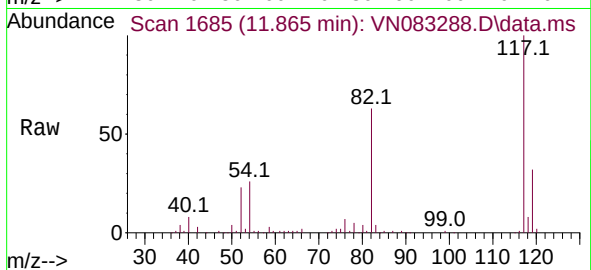
Tgt Ion:117 Resp: 262677

Ion Ratio Lower Upper

117 100

82 63.0 47.5 71.3

119 32.3 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: VN083288.D

Acq: 14 Aug 2024 09:16

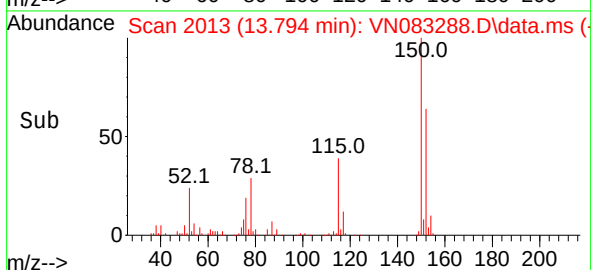
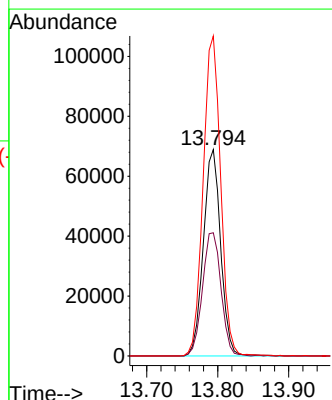
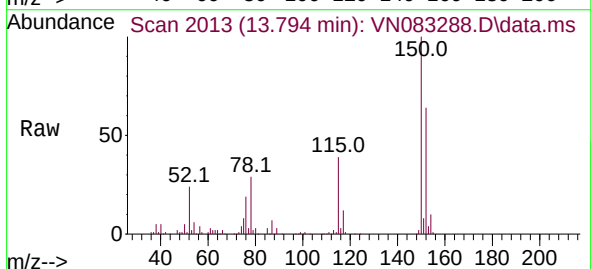
Tgt Ion:152 Resp: 116788

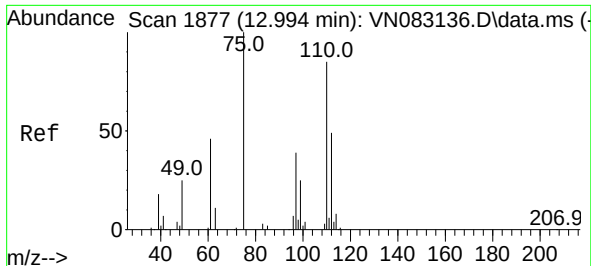
Ion Ratio Lower Upper

152 100

115 63.9 30.6 91.6

150 156.9 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 27.859 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083288.D

Acq: 14 Aug 2024 09:16

Instrument :

MSVOA_N

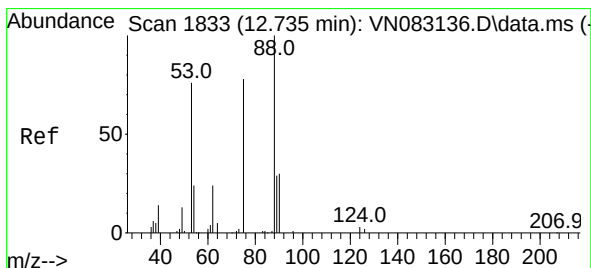
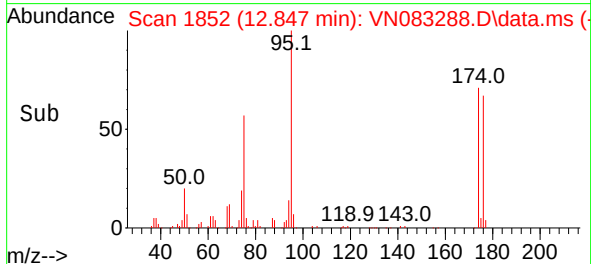
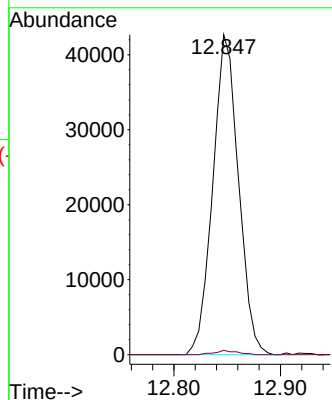
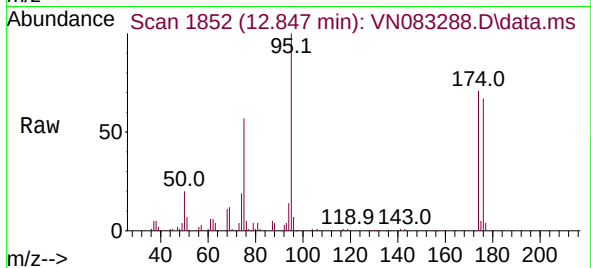
ClientSampleId :

Tgt Ion: 75 Resp: 71408

Ion Ratio Lower Upper

75 100

77 1.2 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.600 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083288.D

Acq: 14 Aug 2024 09:16

Tgt Ion: 75 Resp: 71408

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

