

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083285.D
 Acq On : 14 Aug 2024 08:04
 Operator : JC\MD
 Sample : P3534-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 08:20:23 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)

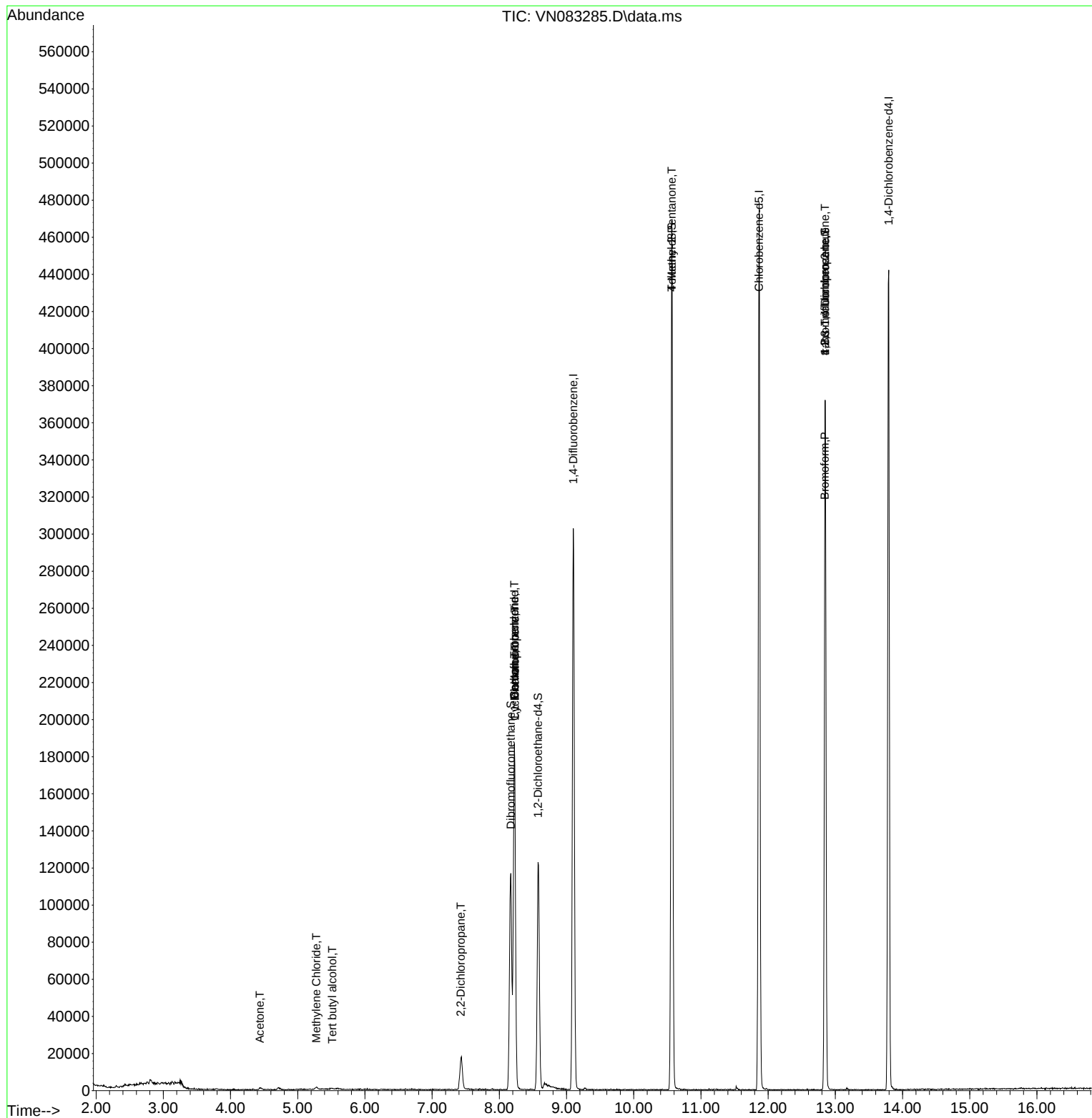
Internal Standards						
1) Pentafluorobenzene	8.224	168	131144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107634	57.660	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 115.320%		
35) Dibromofluoromethane	8.171	113	84650	52.588	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.180%		
50) Toluene-d8	10.565	98	313963	52.288	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.580%		
62) 4-Bromofluorobenzene	12.847	95	130777	55.867	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 111.740%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.512	59	590	1.521	ug/l #	71
16) Acetone	4.436	43	1672	2.289	ug/l #	86
20) Methylene Chloride	5.277	84	1142	0.679	ug/l #	72
26) 2,2-Dichloropropane	7.424	77	956	0.366	ug/l #	56
31) Cyclohexane	8.230	56	3265	1.180	ug/l #	22
36) 1,1-Dichloropropene	8.230	75	11638	4.779	ug/l #	52
38) Carbon Tetrachloride	8.224	117	14996	5.468	ug/l #	17
43) Isopropyl Acetate	8.671	43	1644	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1534	0.595	ug/l #	1
71) Bromoform	12.841	173	669	0.428	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71779	27.993	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71779	60.892	ug/l #	6

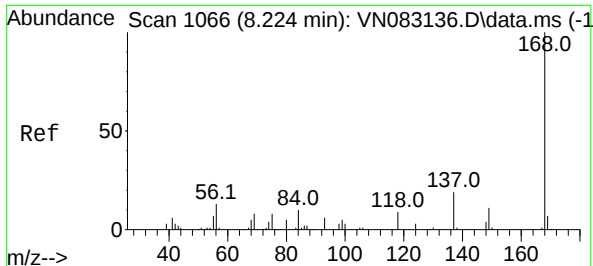
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
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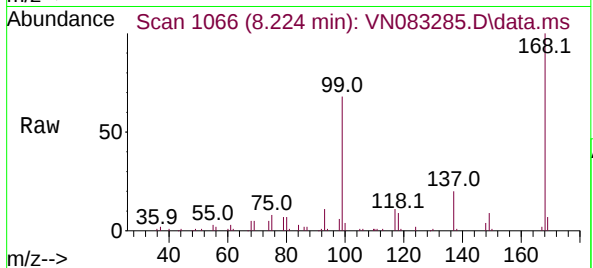
Quant Time: Aug 14 08:20:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



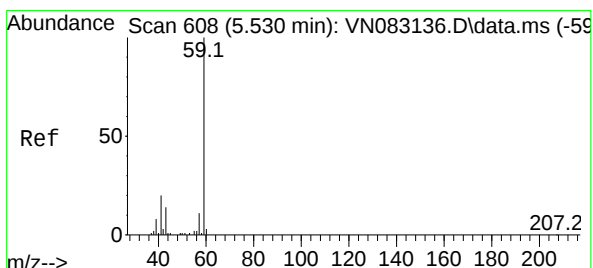
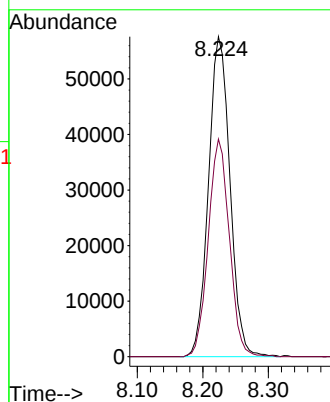
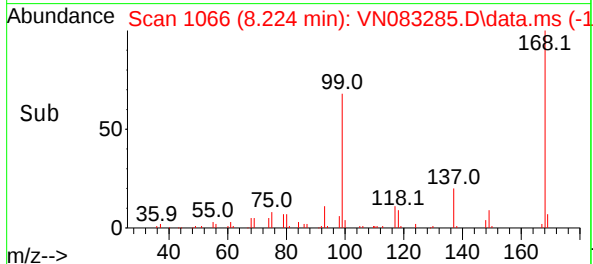


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083285.D
Acq: 14 Aug 2024 08:04

Instrument :
MSVOA_N
ClientSampleId :

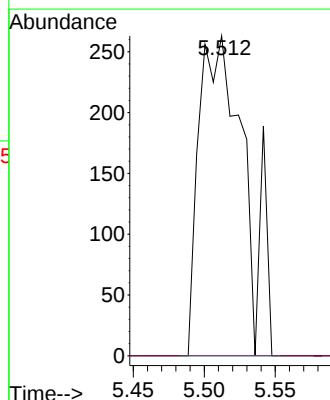
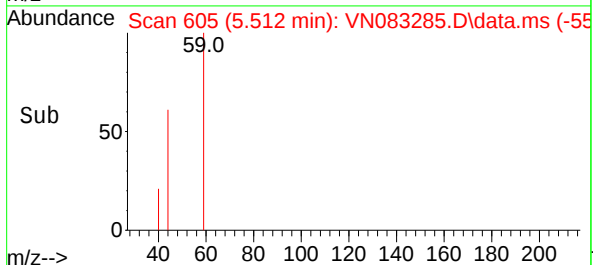
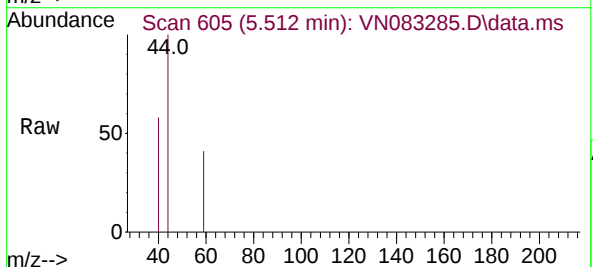


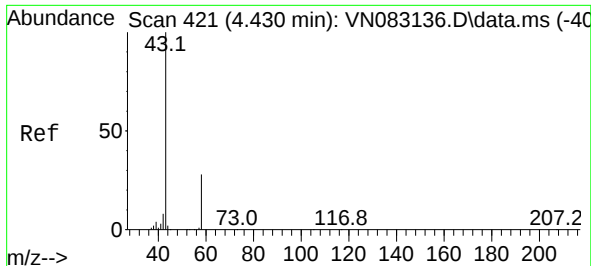
Tgt Ion:168 Resp: 131144
Ion Ratio Lower Upper
168 100
99 68.0 48.2 72.4



#11
Tert butyl alcohol
Concen: 1.521 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.018 min
Lab File: VN083285.D
Acq: 14 Aug 2024 08:04

Tgt Ion: 59 Resp: 590
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#





#16

Acetone

Concen: 2.289 ug/l

RT: 4.436 min Scan# 421

Delta R.T. 0.006 min

Lab File: VN083285.D

Acq: 14 Aug 2024 08:04

Instrument :

MSVOA_N

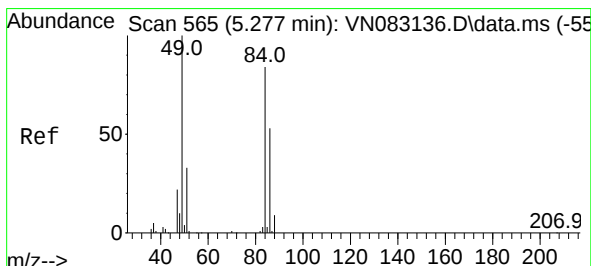
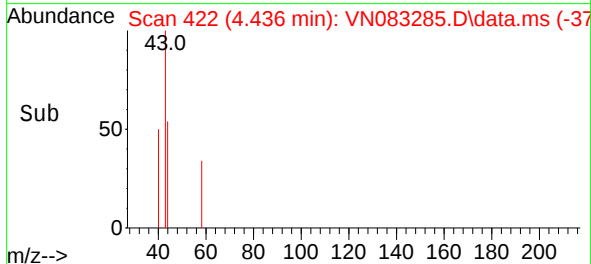
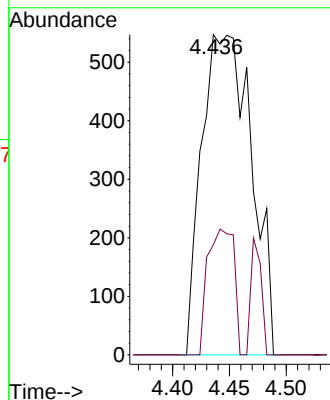
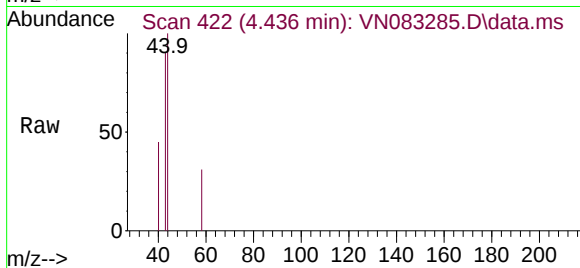
ClientSampleId :

Tgt Ion: 43 Resp: 1672

Ion Ratio Lower Upper

43 100

58 34.4 21.8 32.6#



#20

Methylene Chloride

Concen: 0.679 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN083285.D

Acq: 14 Aug 2024 08:04

Tgt Ion: 84 Resp: 1142

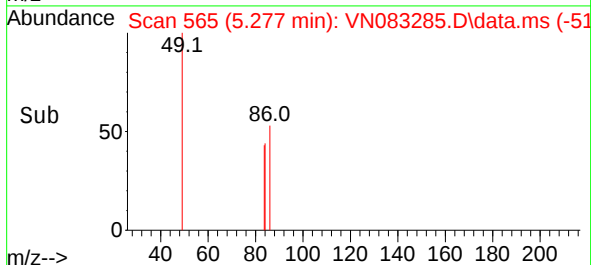
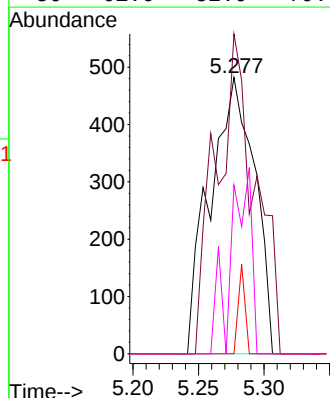
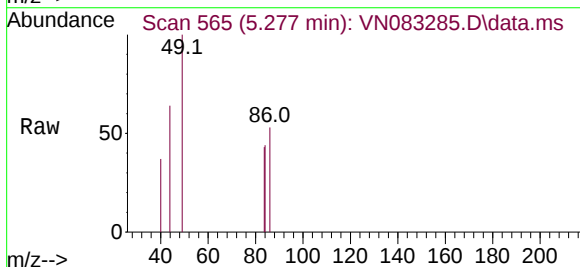
Ion Ratio Lower Upper

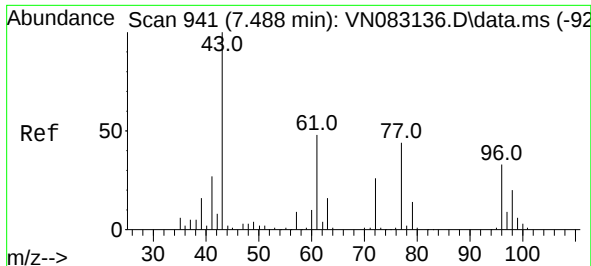
84 100

49 115.8 119.6 179.4#

51 0.0 34.8 52.2#

86 61.0 52.9 79.3

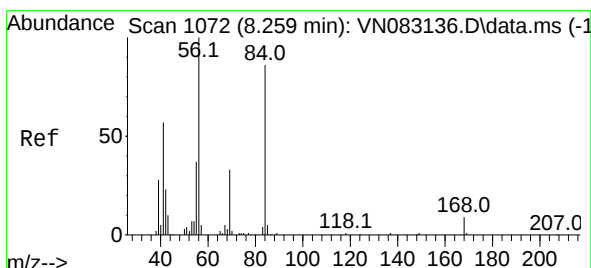
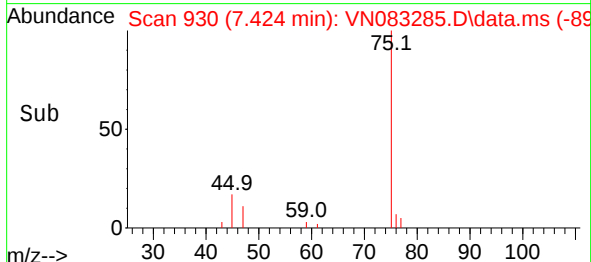
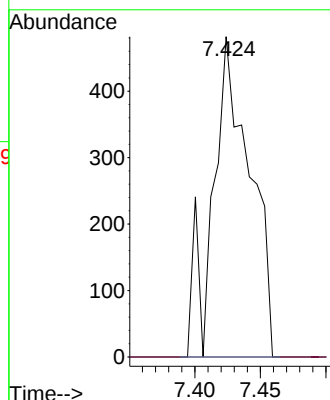
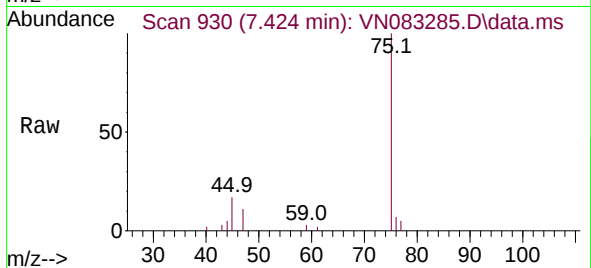




#26
2,2-Dichloropropane
Concen: 0.366 ug/l
RT: 7.424 min Scan# 91
Delta R.T. -0.065 min
Lab File: VN083285.D
Acq: 14 Aug 2024 08:04

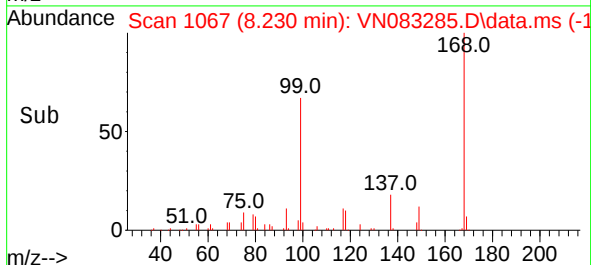
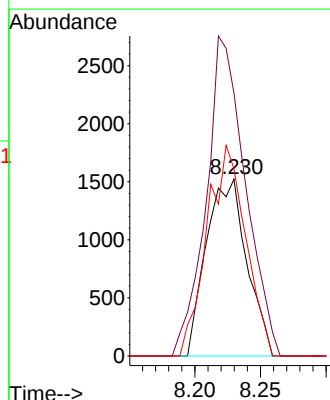
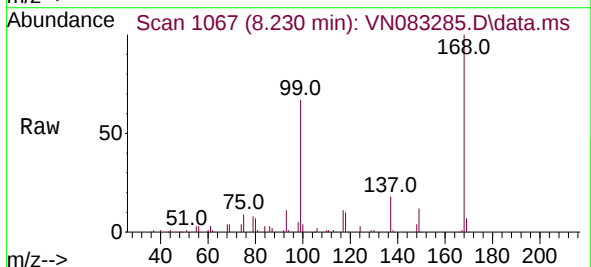
Instrument :
MSVOA_N
ClientSampleId :

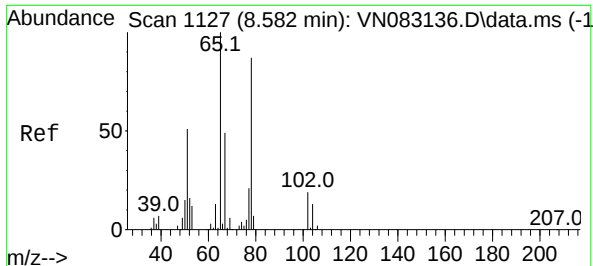
Tgt Ion: 77 Resp: 956
Ion Ratio Lower Upper
77 100
97 0.0 10.3 30.9#



#31
Cyclohexane
Concen: 1.180 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083285.D
Acq: 14 Aug 2024 08:04

Tgt Ion: 56 Resp: 3265
Ion Ratio Lower Upper
56 100
69 148.8 24.5 36.7#
84 105.9 66.0 99.0#

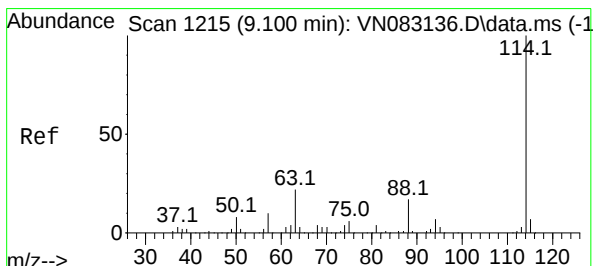
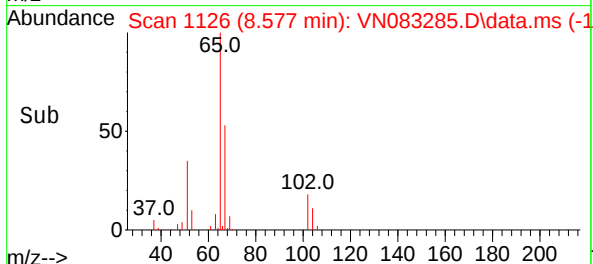
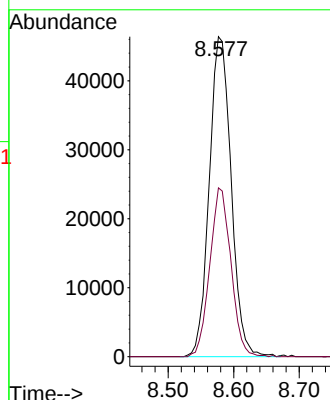
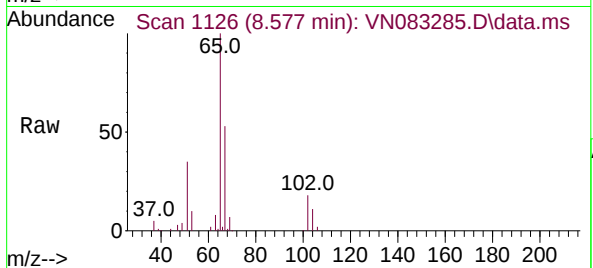




#33
1,2-Dichloroethane-d4
Concen: 57.660 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083285.D
Acq: 14 Aug 2024 08:04

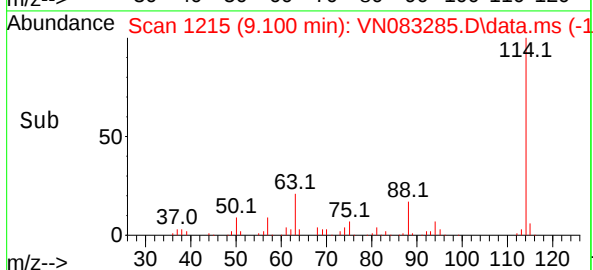
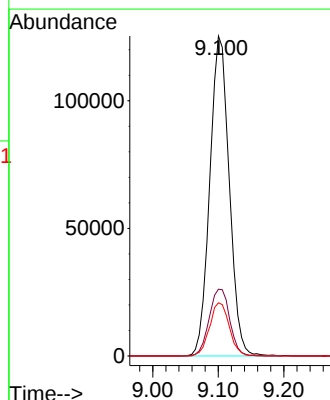
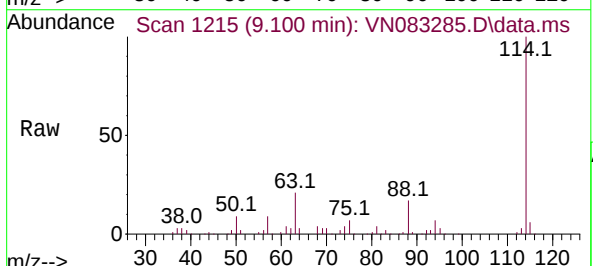
Instrument :
MSVOA_N
ClientSampleId :

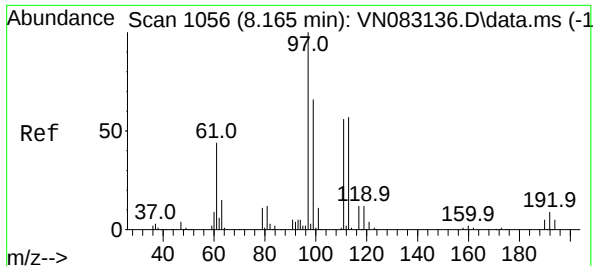
Tgt Ion: 65 Resp: 107634
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083285.D
Acq: 14 Aug 2024 08:04

Tgt Ion: 114 Resp: 257886
Ion Ratio Lower Upper
114 100
63 20.9 0.0 44.6
88 16.6 0.0 31.4

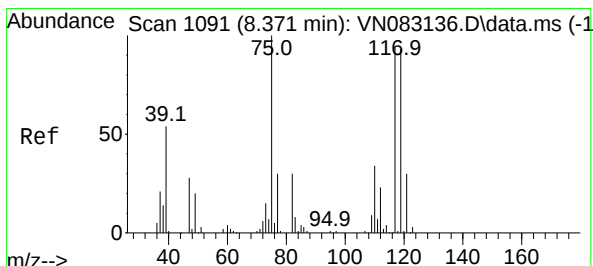
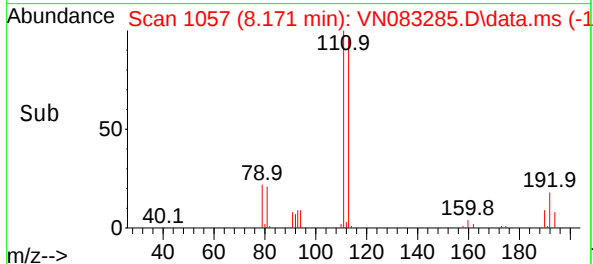
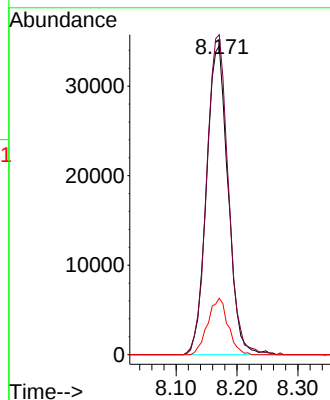
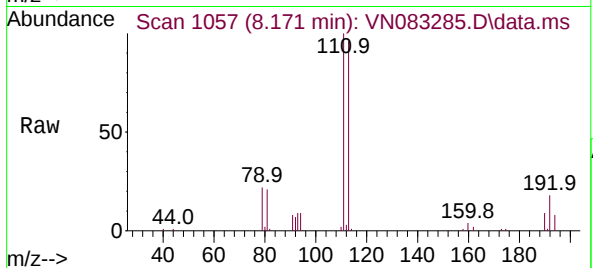




#35
Dibromofluoromethane
Concen: 52.588 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN083285.D
Acq: 14 Aug 2024 08:04

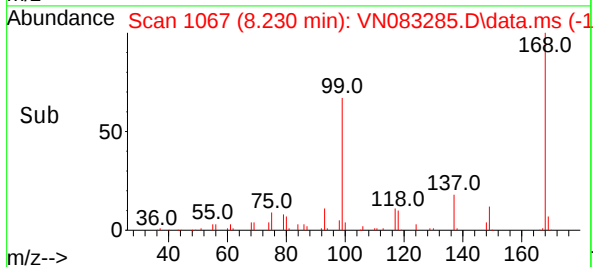
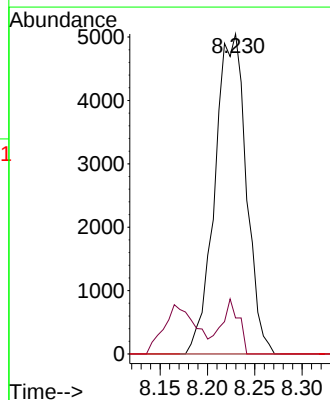
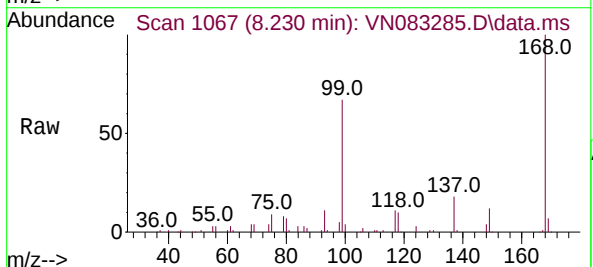
Instrument :
MSVOA_N
ClientSampleId :

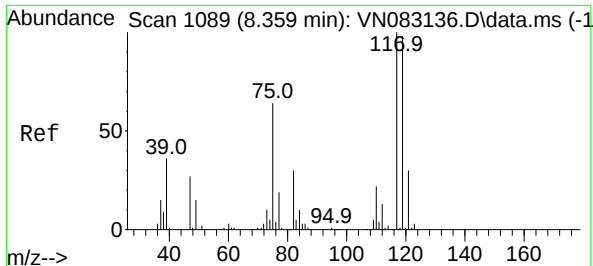
Tgt Ion:113 Resp: 84650
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 17.3 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.779 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN083285.D
Acq: 14 Aug 2024 08:04

Tgt Ion: 75 Resp: 11638
Ion Ratio Lower Upper
75 100
110 9.8 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.468 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.135 min

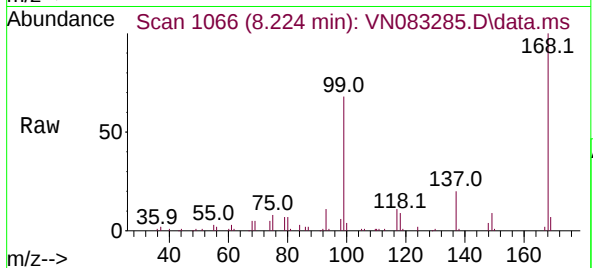
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Acq: 14 Aug 2024 08:04

Instrument :

MSVOA_N

ClientSampleId :



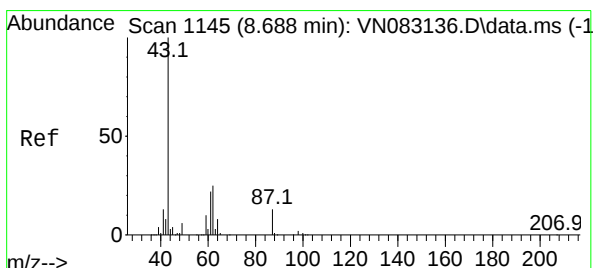
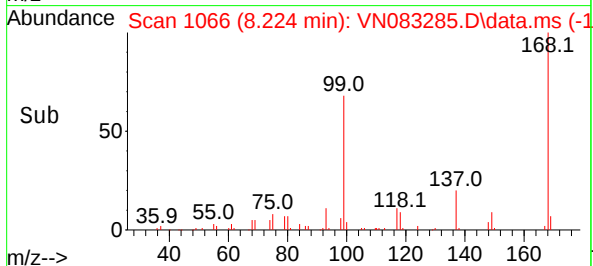
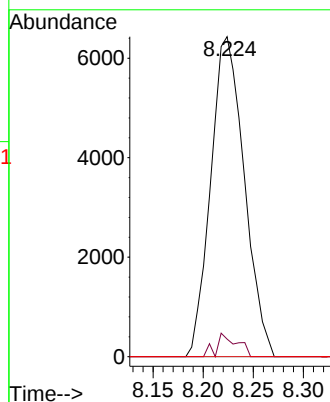
Tgt Ion:117 Resp: 14996

Ion Ratio Lower Upper

117 100

119 5.5 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.671 min Scan# 1142

Delta R.T. -0.017 min

Lab File: VN083285.D

Acq: 14 Aug 2024 08:04

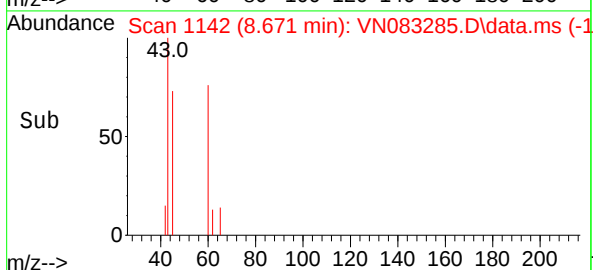
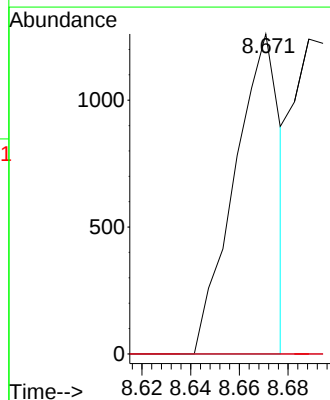
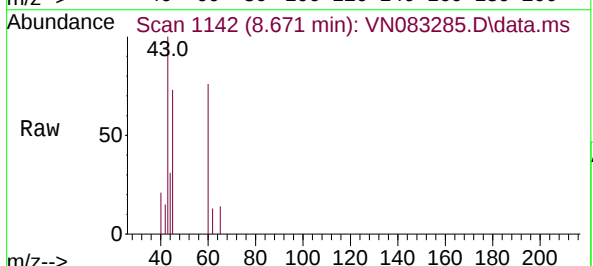
Tgt Ion: 43 Resp: 1644

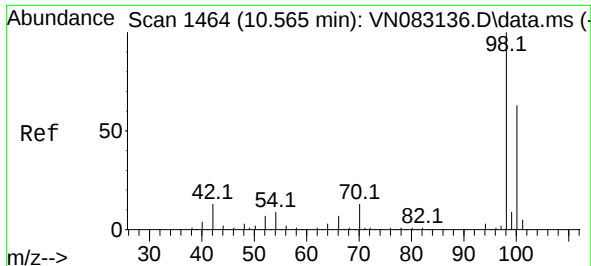
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 52.288 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083285.D

Acq: 14 Aug 2024 08:04

Instrument :

MSVOA_N

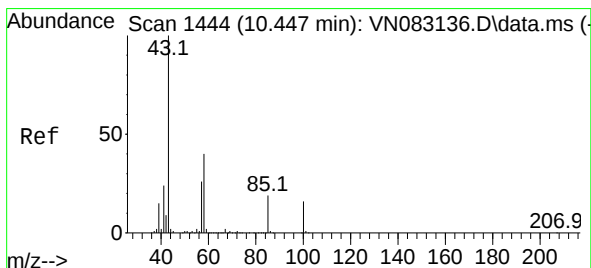
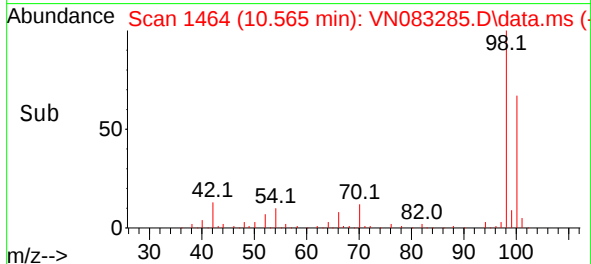
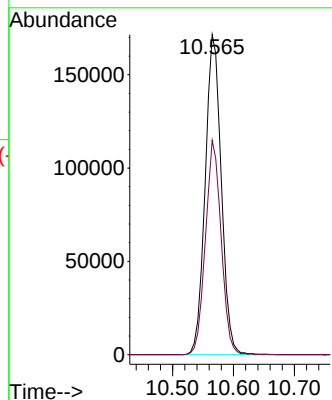
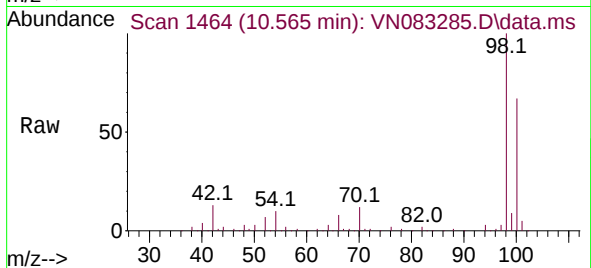
ClientSampleId :

Tgt Ion: 98 Resp: 313963

Ion Ratio Lower Upper

98 100

100 65.5 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.595 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN083285.D

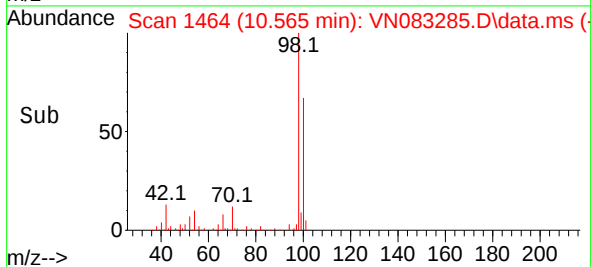
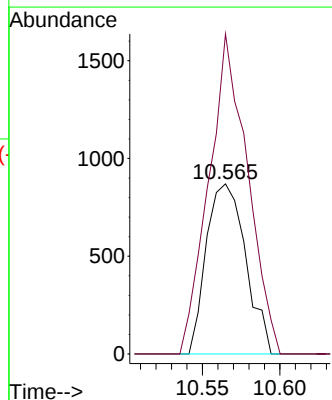
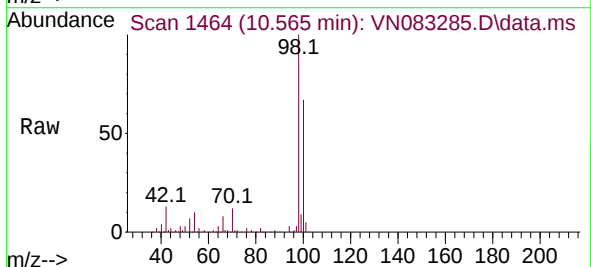
Acq: 14 Aug 2024 08:04

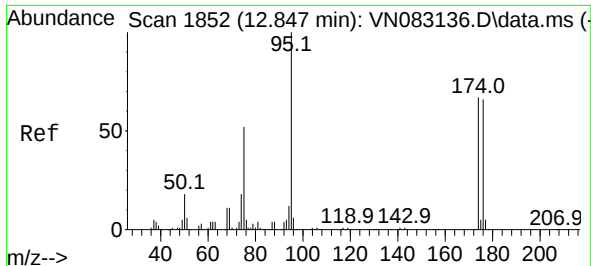
Tgt Ion: 43 Resp: 1534

Ion Ratio Lower Upper

43 100

58 185.3 28.2 42.4#





#62

4-Bromofluorobenzene

Concen: 55.867 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083285.D

Acq: 14 Aug 2024 08:04

Instrument :

MSVOA_N

ClientSampleId :

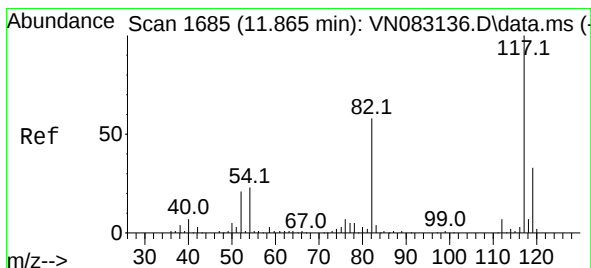
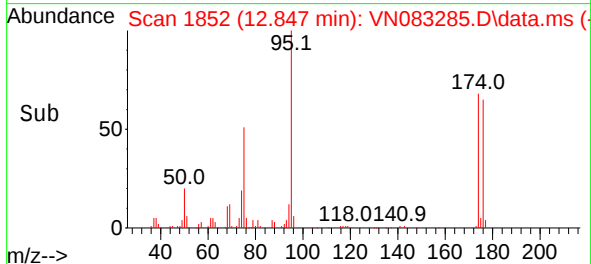
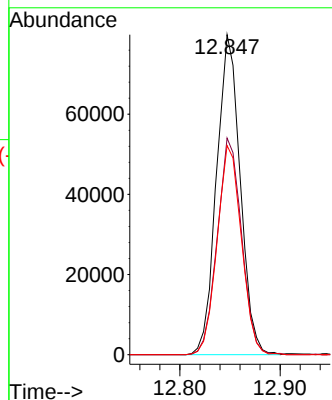
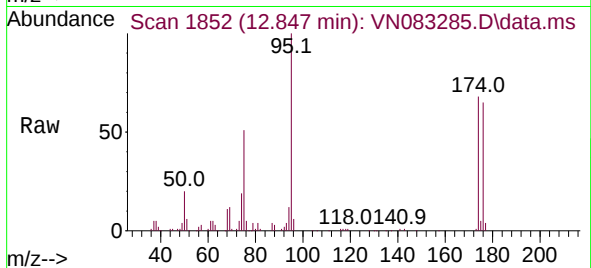
Tgt Ion: 95 Resp: 130777

Ion Ratio Lower Upper

95 100

174 69.4 0.0 159.2

176 67.1 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VN083285.D

Acq: 14 Aug 2024 08:04

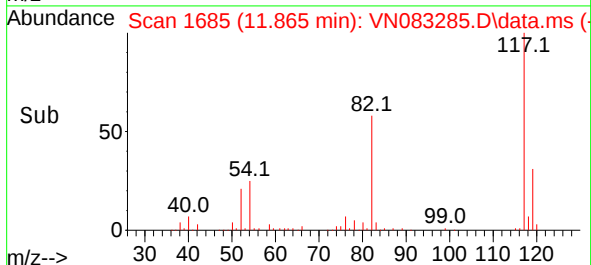
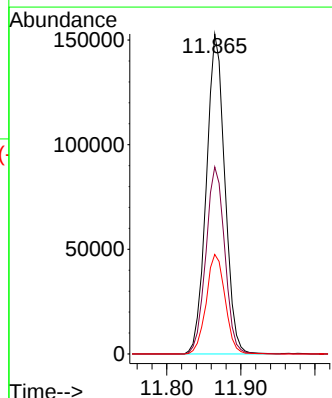
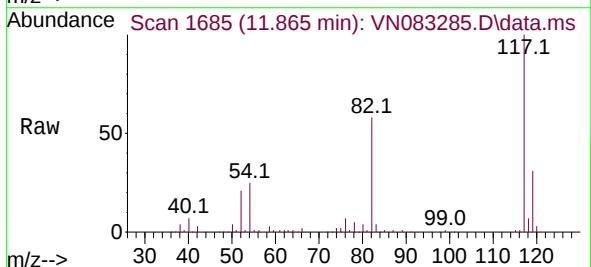
Tgt Ion: 117 Resp: 264947

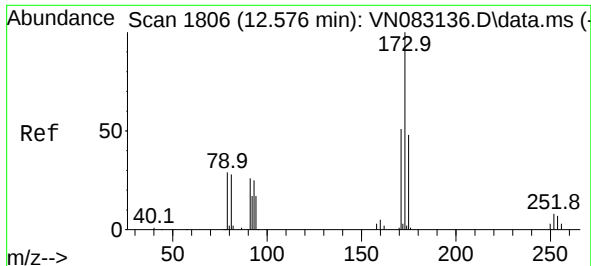
Ion Ratio Lower Upper

117 100

82 58.5 47.5 71.3

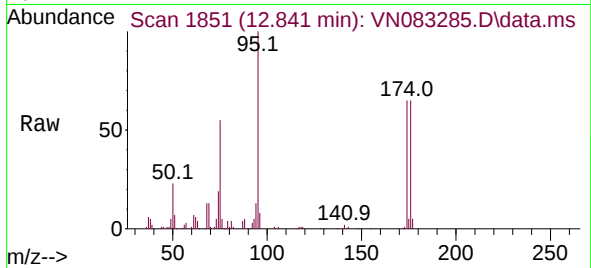
119 31.1 25.6 38.4



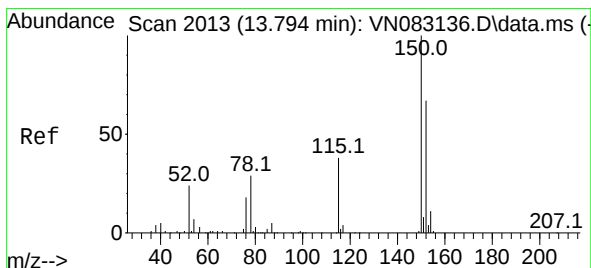
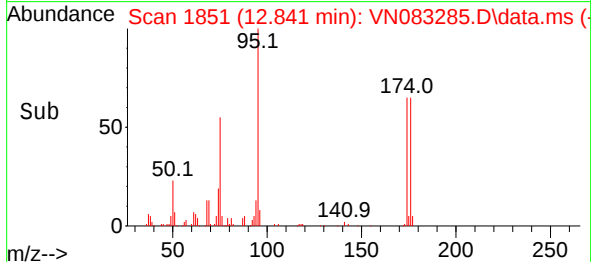
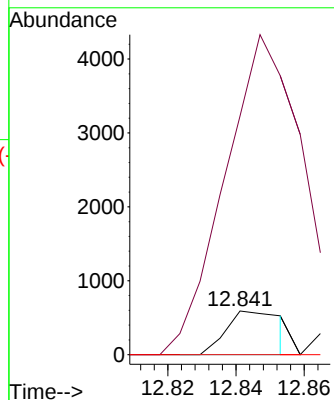


#71
Bromoform
Concen: 0.428 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN083285.D
Acq: 14 Aug 2024 08:04

Instrument :
MSVOA_N
ClientSampleId :

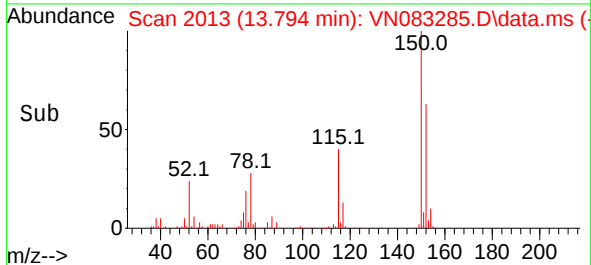
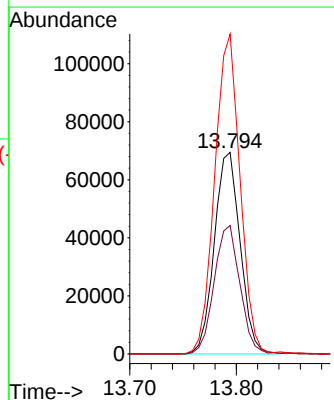
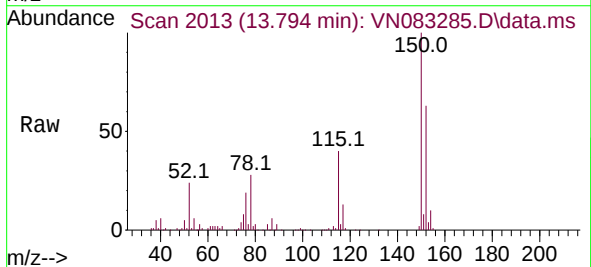


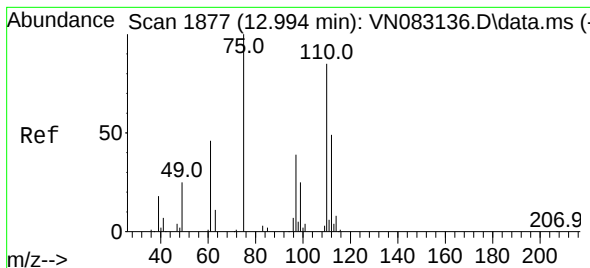
Tgt Ion:173 Resp: 669
Ion Ratio Lower Upper
173 100
175 779.7 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083285.D
Acq: 14 Aug 2024 08:04

Tgt Ion:152 Resp: 116832
Ion Ratio Lower Upper
152 100
115 63.6 30.6 91.6
150 156.0 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 27.993 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083285.D

Acq: 14 Aug 2024 08:04

Instrument :

MSVOA_N

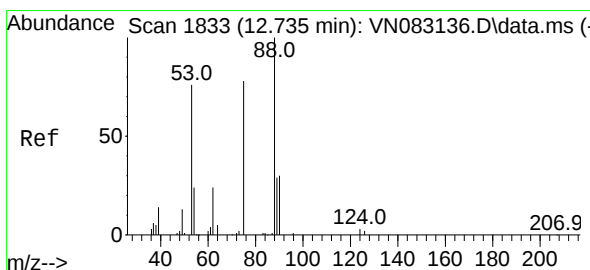
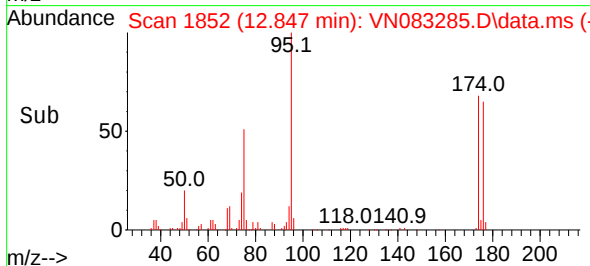
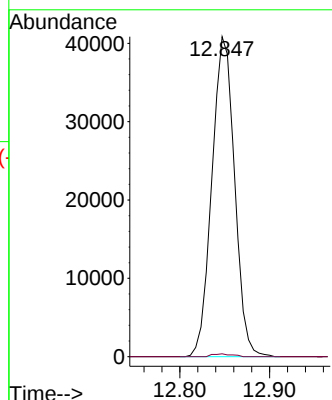
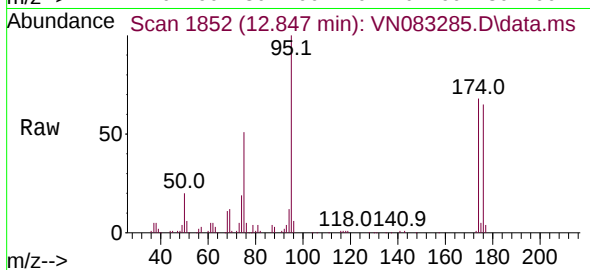
ClientSampleId :

Tgt Ion: 75 Resp: 71779

Ion Ratio Lower Upper

75 100

77 0.8 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.892 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083285.D

Acq: 14 Aug 2024 08:04

Tgt Ion: 75 Resp: 71779

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

