

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083297.D
 Acq On : 14 Aug 2024 13:39
 Operator : JC\MD
 Sample : VN0814WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 23:22:14 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)

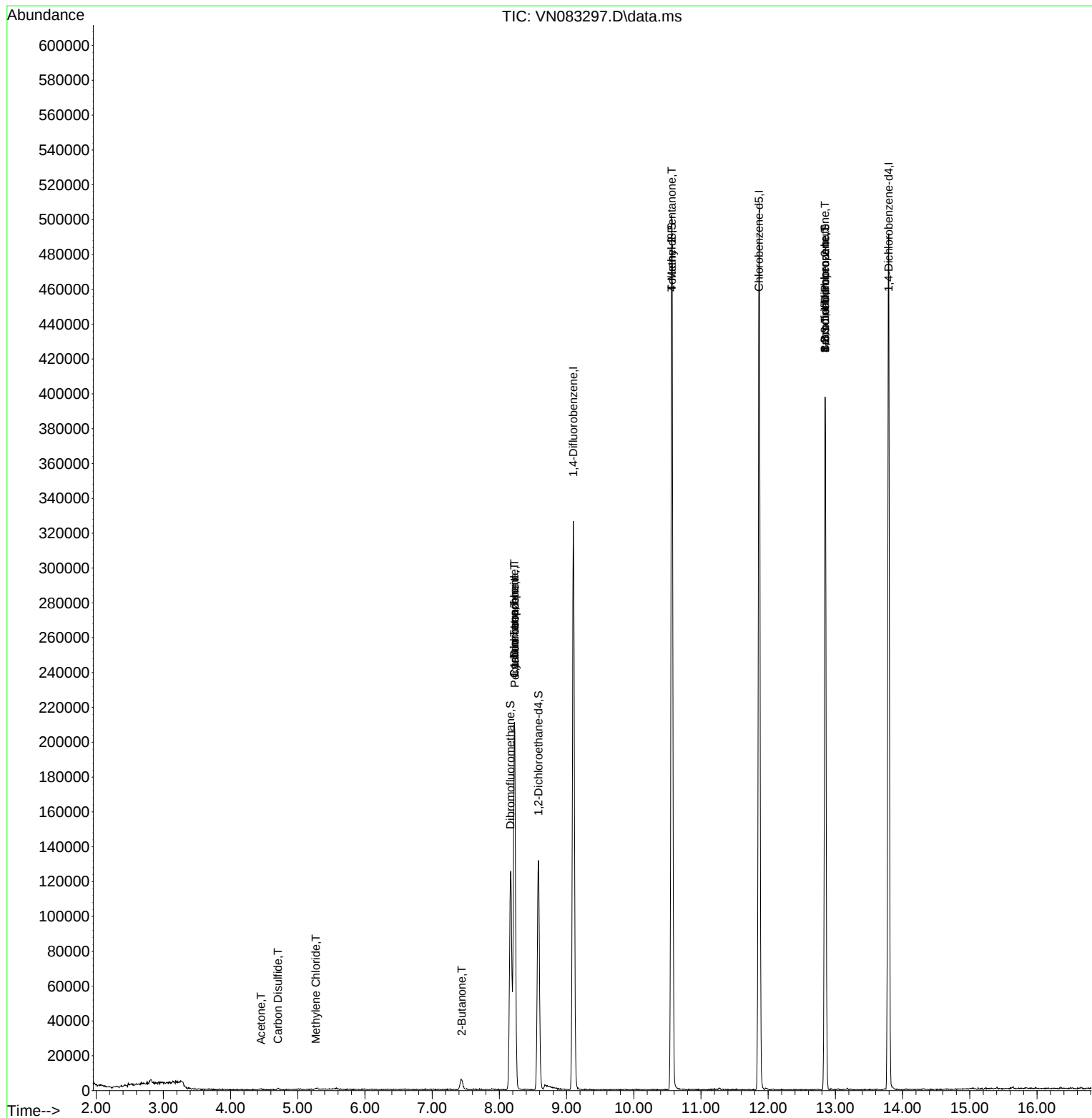
Internal Standards						
1) Pentafluorobenzene	8.230	168	145129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	114917	55.630	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.260%	
35) Dibromofluoromethane	8.165	113	91714	53.113	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	106.220%	
50) Toluene-d8	10.565	98	349304	54.229	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	108.460%	
62) 4-Bromofluorobenzene	12.847	95	141438	56.323	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	112.640%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	861	1.065	ug/l #	48
17) Carbon Disulfide	4.706	76	1293	0.275	ug/l #	75
20) Methylene Chloride	5.271	84	456	0.245	ug/l #	29
25) 2-Butanone	7.441	43	338	0.272	ug/l #	53
31) Cyclohexane	8.224	56	3685	1.204	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	13220	5.061	ug/l #	50
38) Carbon Tetrachloride	8.224	117	16002	5.439	ug/l #	17
43) Isopropyl Acetate	8.677	43	1353	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1584	0.573	ug/l #	1
71) Bromoform	12.847	173	721	0.426	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	78067	27.739	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78067	60.339	ug/l #	6

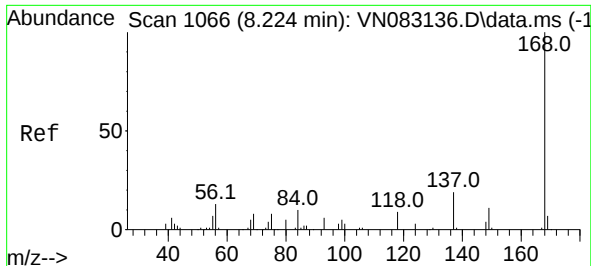
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
Data File : VN083297.D
Acq On : 14 Aug 2024 13:39
Operator : JC\MD
Sample : VN0814WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

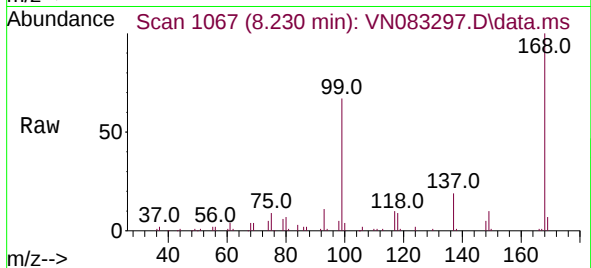
Quant Time: Aug 14 23:22:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration



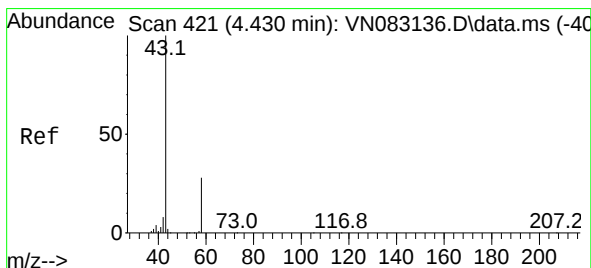
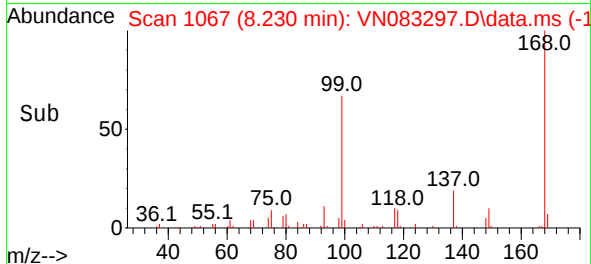
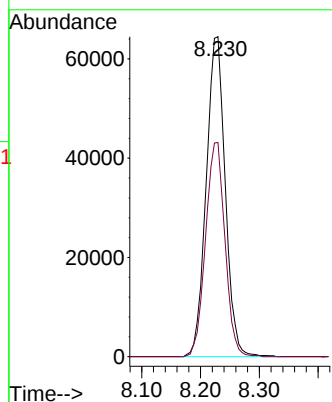


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083297.D
Acq: 14 Aug 2024 13:39

Instrument :
MSVOA_N
ClientSampleId :

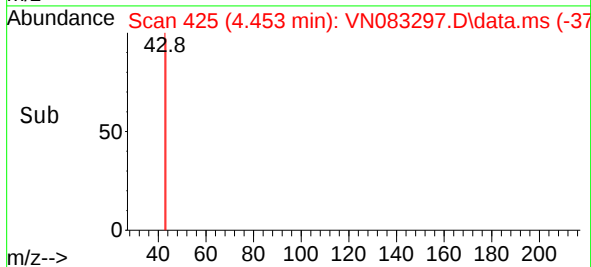
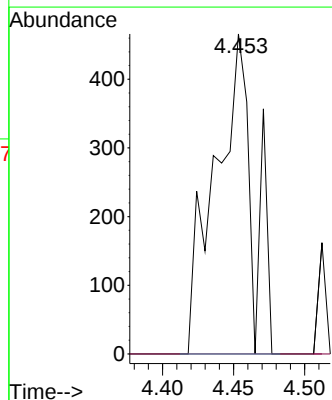
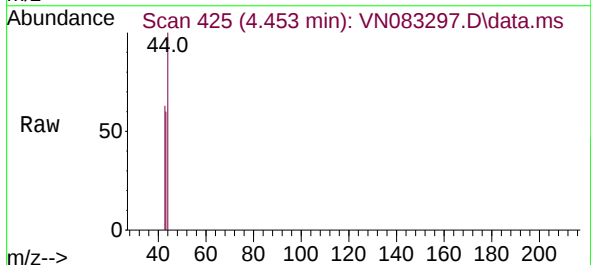


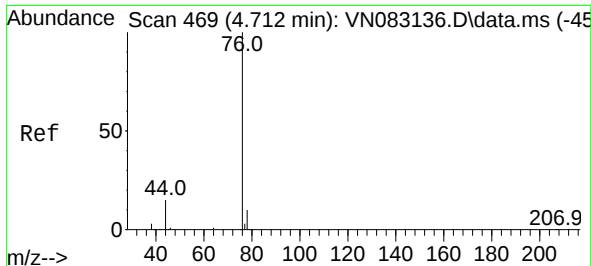
Tgt Ion:168 Resp: 145129
Ion Ratio Lower Upper
168 100
99 67.0 48.2 72.4



#16
Acetone
Concen: 1.065 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.024 min
Lab File: VN083297.D
Acq: 14 Aug 2024 13:39

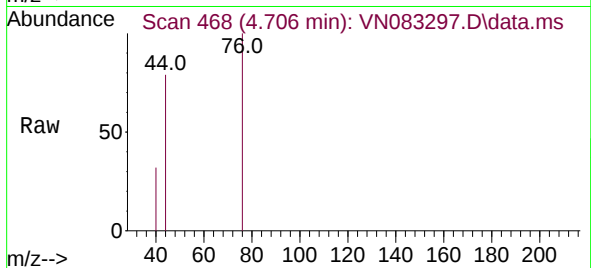
Tgt Ion: 43 Resp: 861
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#



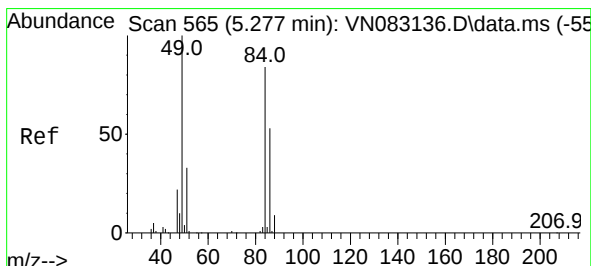
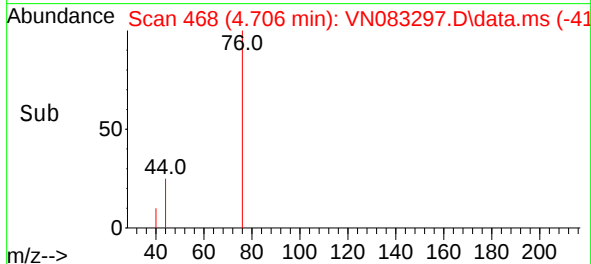
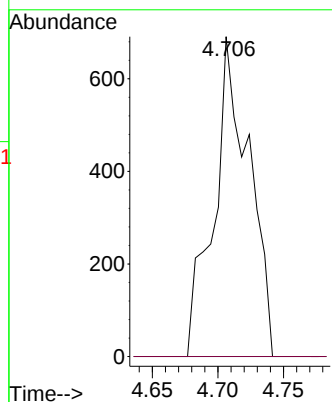


#17
Carbon Disulfide
Concen: 0.275 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083297.D
Acq: 14 Aug 2024 13:39

Instrument :
MSVOA_N
ClientSampleId :

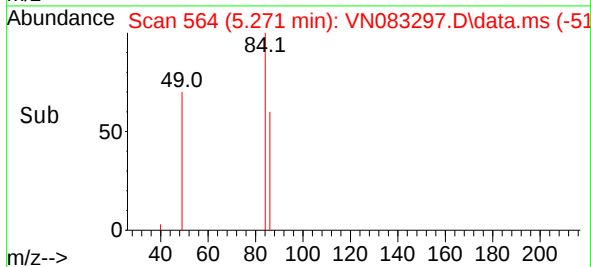
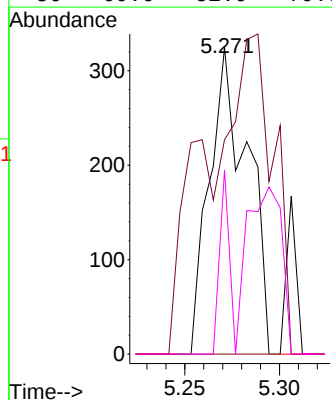
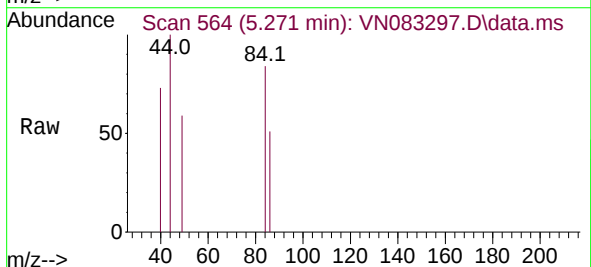


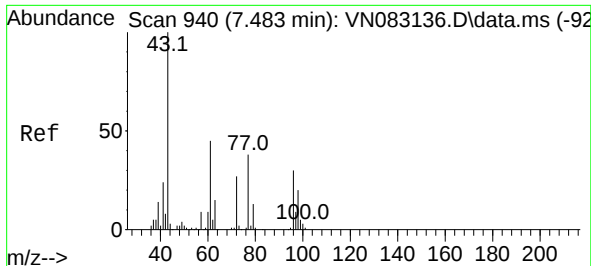
Tgt Ion: 76 Resp: 1293
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.245 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN083297.D
Acq: 14 Aug 2024 13:39

Tgt Ion: 84 Resp: 456
Ion Ratio Lower Upper
84 100
49 23.7 119.6 179.4#
51 0.0 34.8 52.2#
86 60.0 52.9 79.3





#25

2-Butanone

Concen: 0.272 ug/l

RT: 7.441 min Scan# 91

Delta R.T. -0.041 min

Lab File: VN083297.D

Acq: 14 Aug 2024 13:39

Instrument :

MSVOA_N

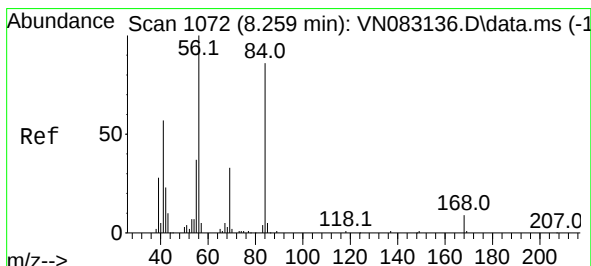
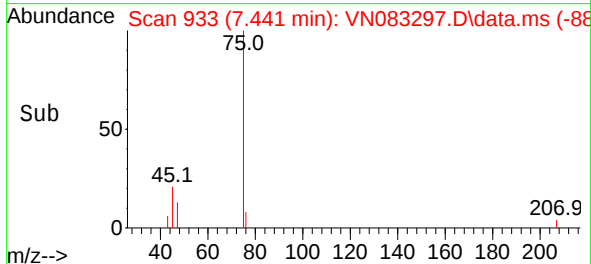
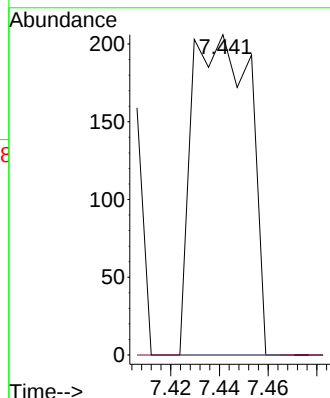
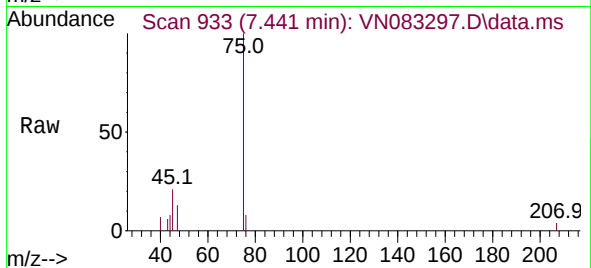
ClientSampleId :

Tgt Ion: 43 Resp: 338

Ion Ratio Lower Upper

43 100

72 0.0 18.2 27.2#



#31

Cyclohexane

Concen: 1.204 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN083297.D

Acq: 14 Aug 2024 13:39

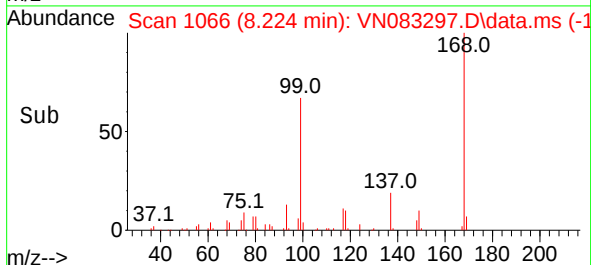
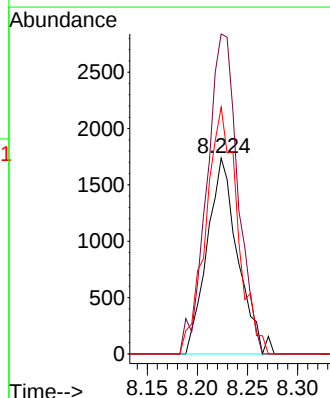
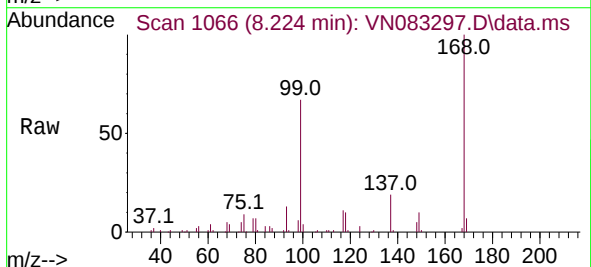
Tgt Ion: 56 Resp: 3685

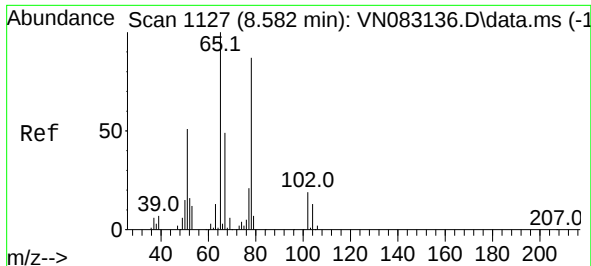
Ion Ratio Lower Upper

56 100

69 163.3 24.5 36.7#

84 125.9 66.0 99.0#

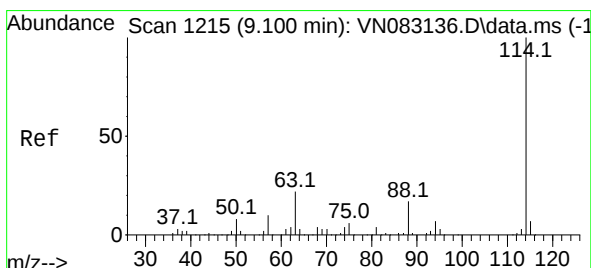
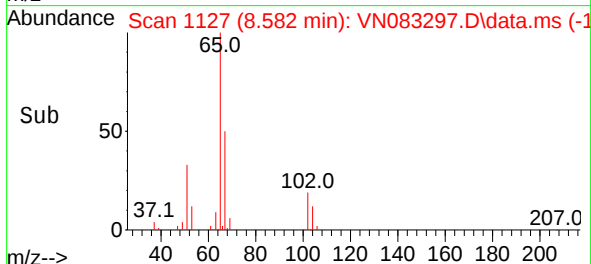
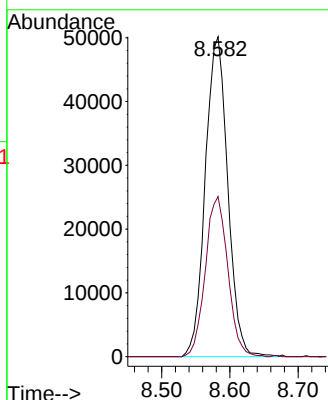
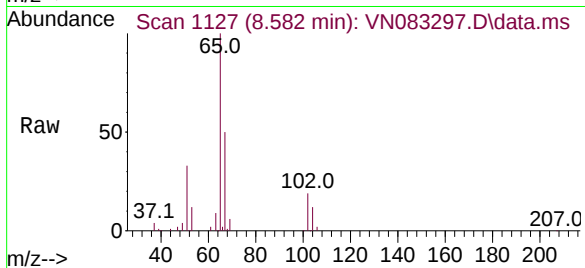




#33
 1,2-Dichloroethane-d4
 Concen: 55.630 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN083297.D
 Acq: 14 Aug 2024 13:39

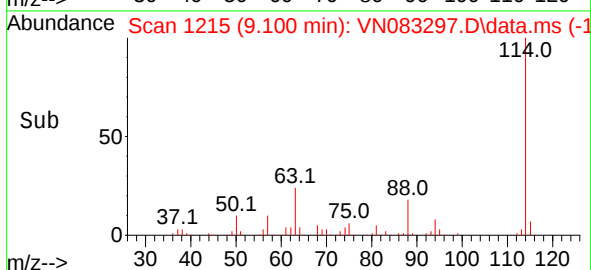
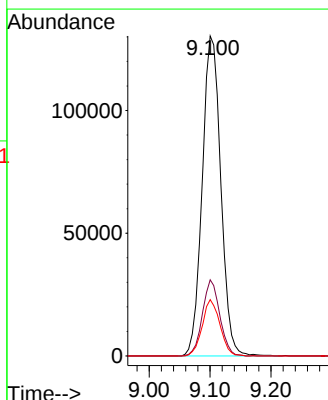
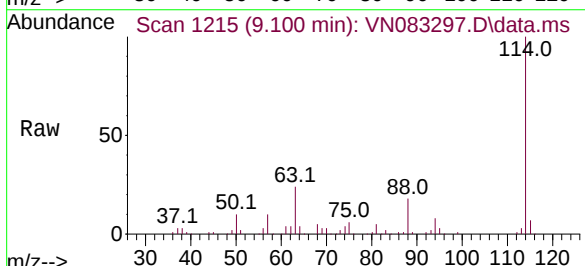
Instrument :
 MSVOA_N
 ClientSampleId :

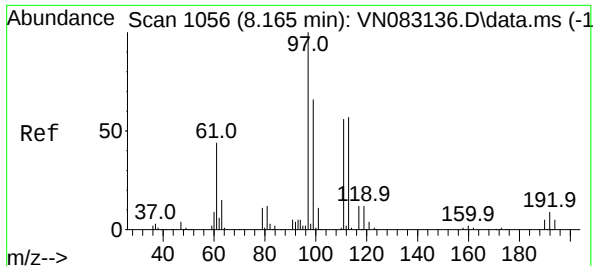
Tgt Ion: 65 Resp: 114917
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN083297.D
 Acq: 14 Aug 2024 13:39

Tgt Ion: 114 Resp: 276647
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 44.6
 88 17.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.113 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083297.D

Acq: 14 Aug 2024 13:39

Instrument :

MSVOA_N

ClientSampleId :

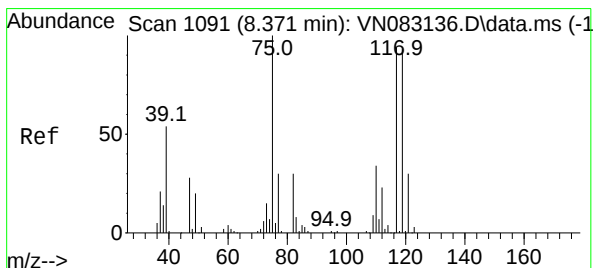
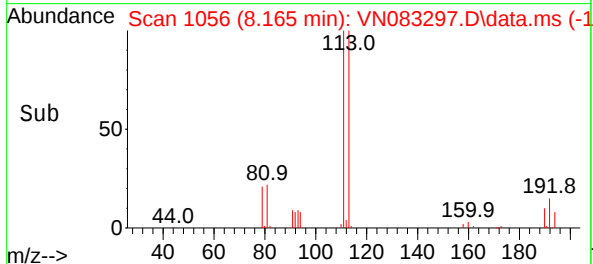
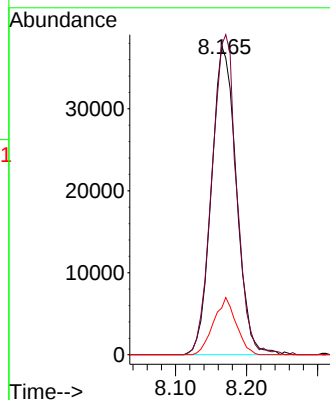
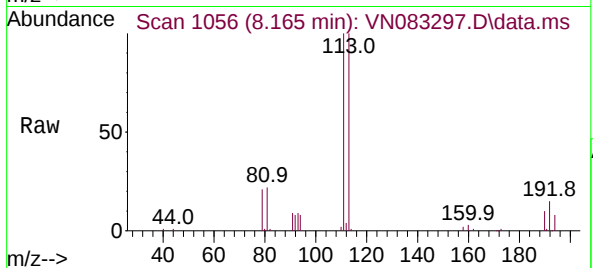
Tgt Ion:113 Resp: 91714

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 16.7 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.061 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083297.D

Acq: 14 Aug 2024 13:39

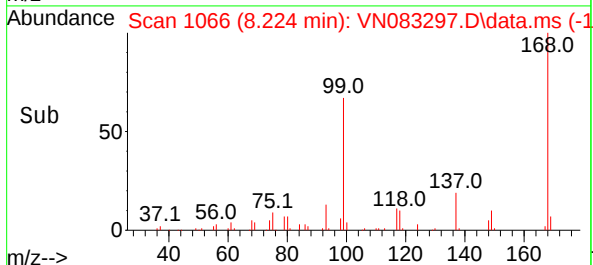
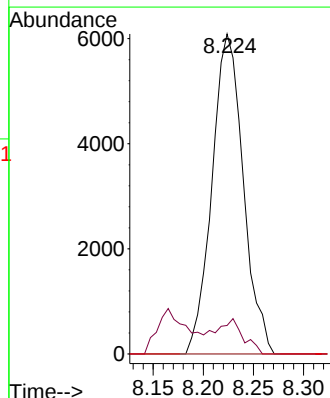
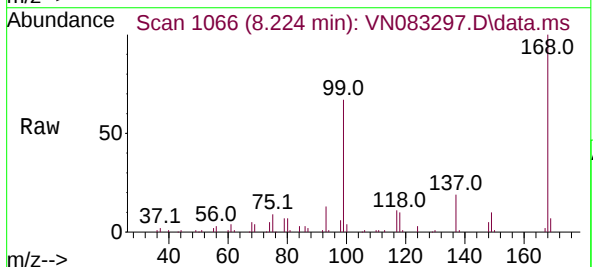
Tgt Ion: 75 Resp: 13220

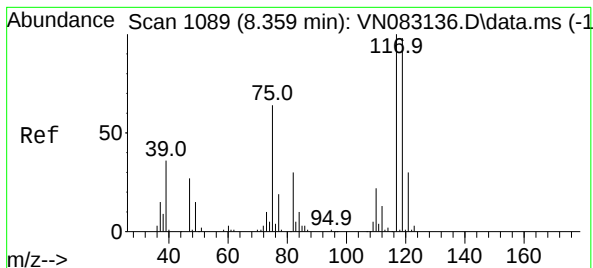
Ion Ratio Lower Upper

75 100

110 7.6 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.439 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.135 min

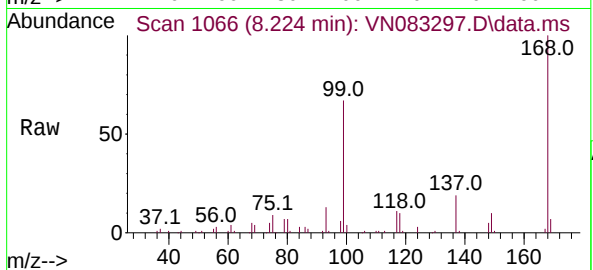
Lab File: VN083297.D

Acq: 14 Aug 2024 13:39

Instrument :

MSVOA_N

ClientSampleId :



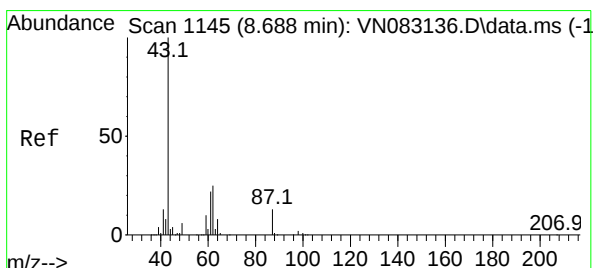
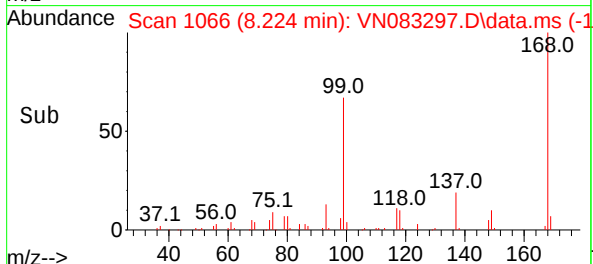
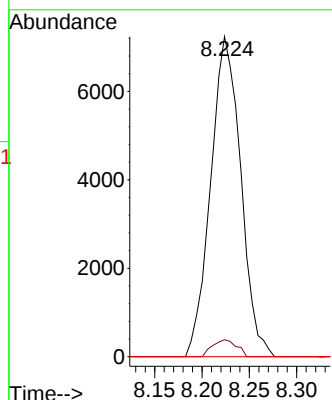
Tgt Ion:117 Resp: 16002

Ion Ratio Lower Upper

117 100

119 5.3 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.677 min Scan# 1143

Delta R.T. -0.011 min

Lab File: VN083297.D

Acq: 14 Aug 2024 13:39

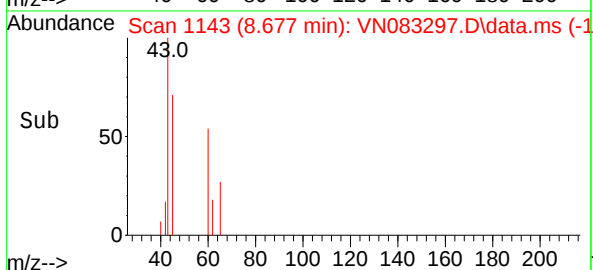
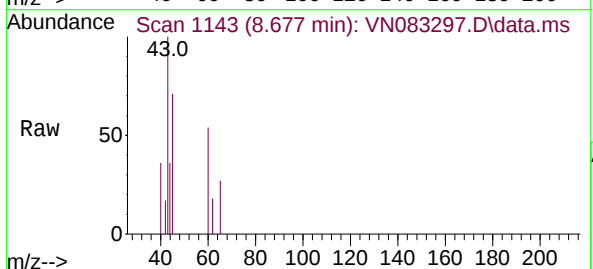
Tgt Ion: 43 Resp: 1353

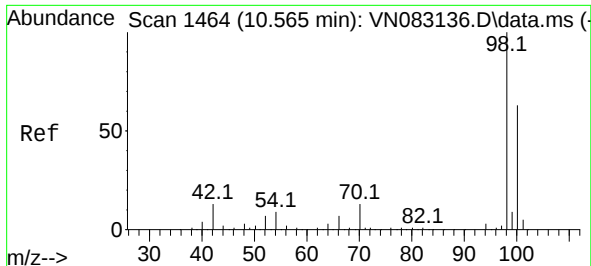
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

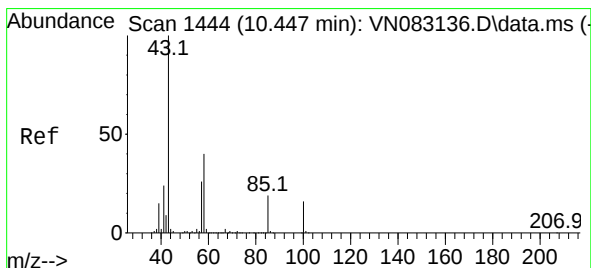
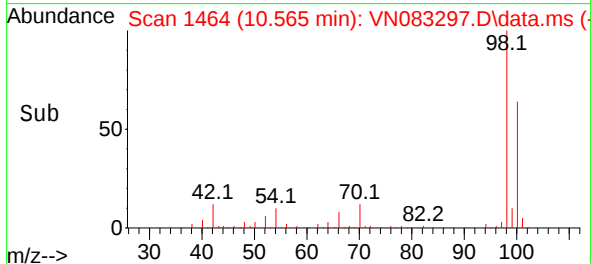
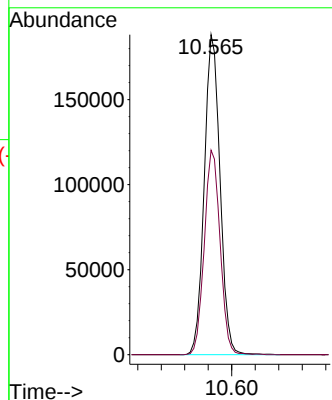
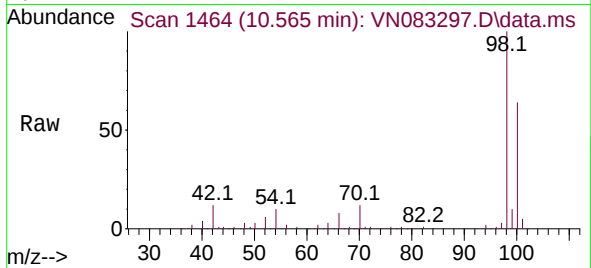




#50
Toluene-d8
Concen: 54.229 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083297.D
Acq: 14 Aug 2024 13:39

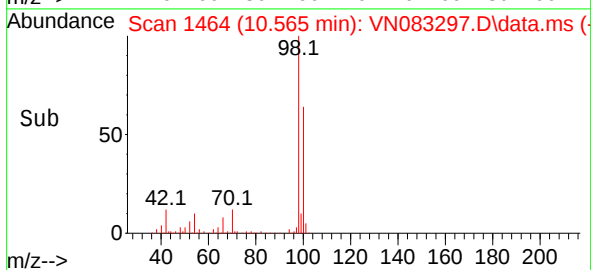
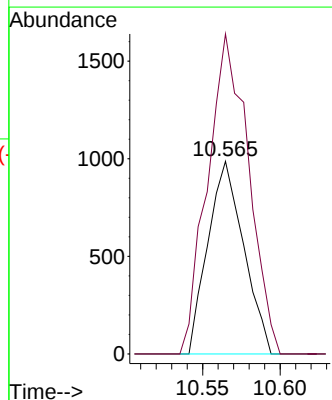
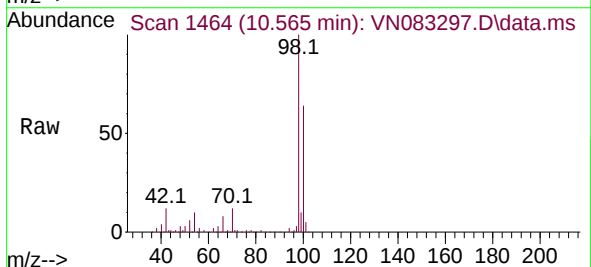
Instrument :
MSVOA_N
ClientSampleId :

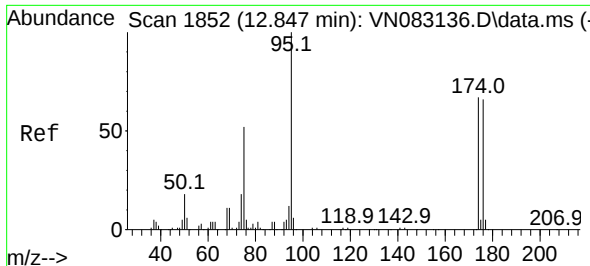
Tgt Ion: 98 Resp: 349304
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.573 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083297.D
Acq: 14 Aug 2024 13:39

Tgt Ion: 43 Resp: 1584
Ion Ratio Lower Upper
43 100
58 189.5 28.2 42.4#





#62

4-Bromofluorobenzene

Concen: 56.323 ug/l

RT: 12.847 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083297.D

Acq: 14 Aug 2024 13:39

Instrument :

MSVOA_N

ClientSampleId :

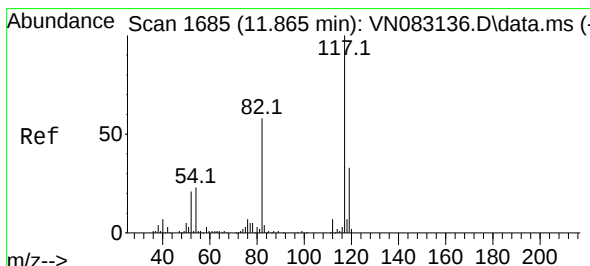
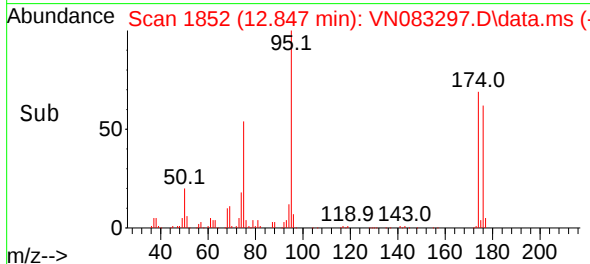
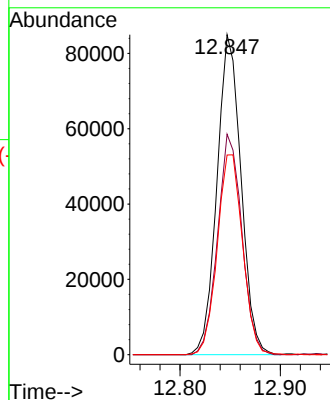
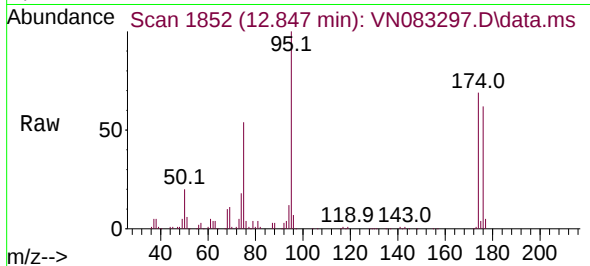
Tgt Ion: 95 Resp: 141438

Ion Ratio Lower Upper

95 100

174 69.3 0.0 159.2

176 65.8 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: VN083297.D

Acq: 14 Aug 2024 13:39

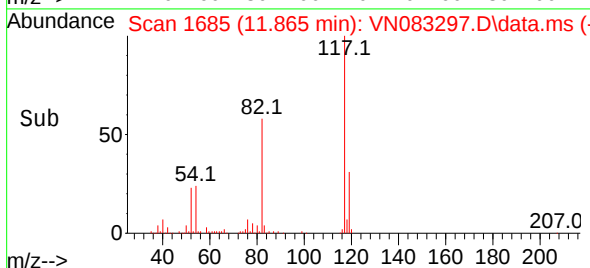
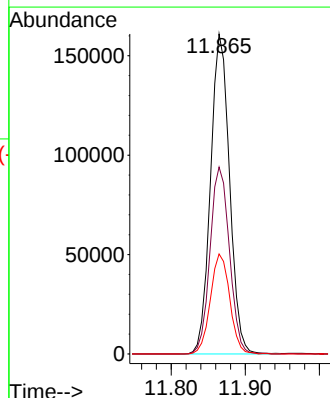
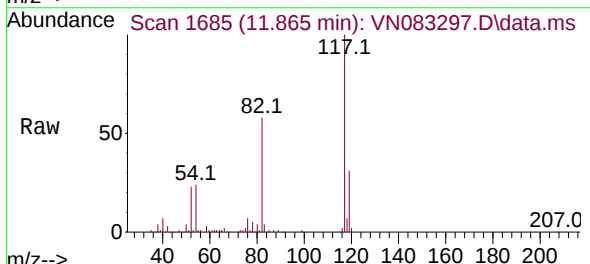
Tgt Ion:117 Resp: 286871

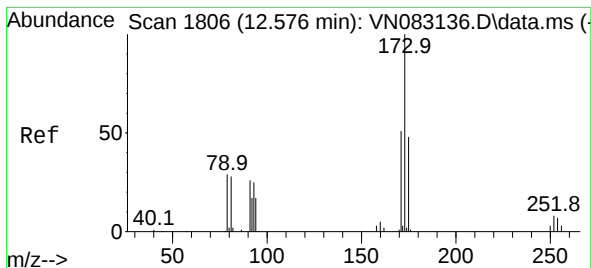
Ion Ratio Lower Upper

117 100

82 58.4 47.5 71.3

119 31.3 25.6 38.4





#71

Bromoform

Concen: 0.426 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

Lab File: VN083297.D

Acq: 14 Aug 2024 13:39

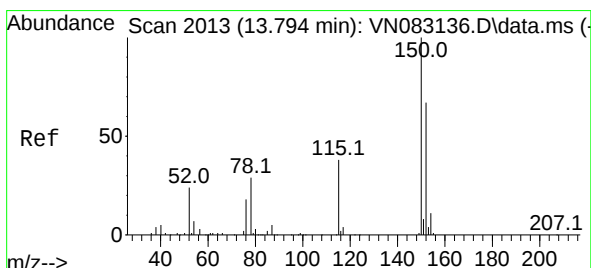
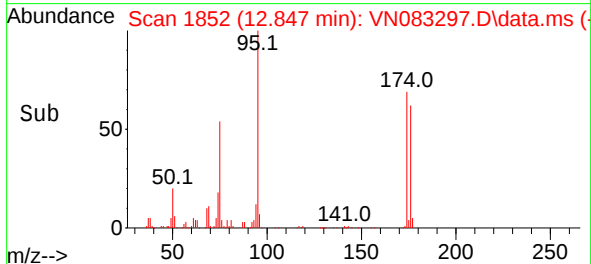
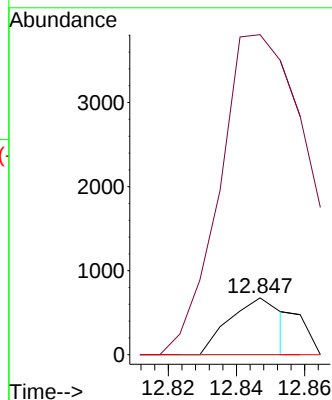
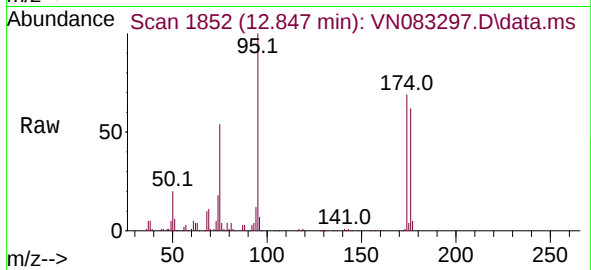
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173 Resp: 721

Ion	Ratio	Lower	Upper
173	100		
175	694.2	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

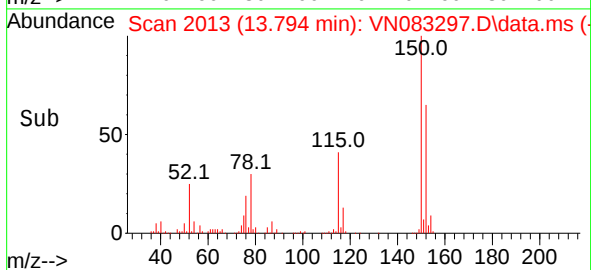
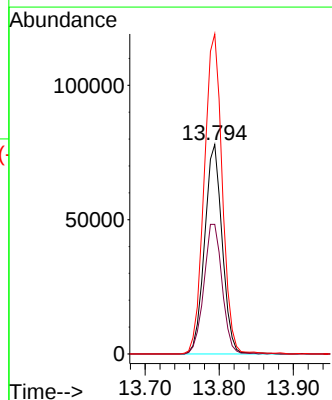
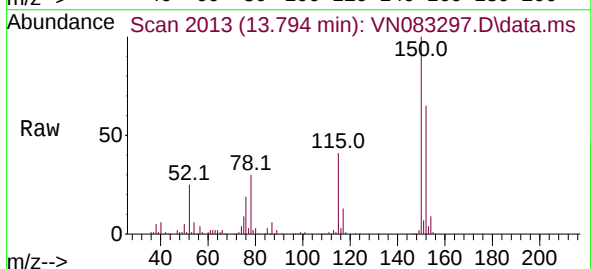
Delta R.T. 0.000 min

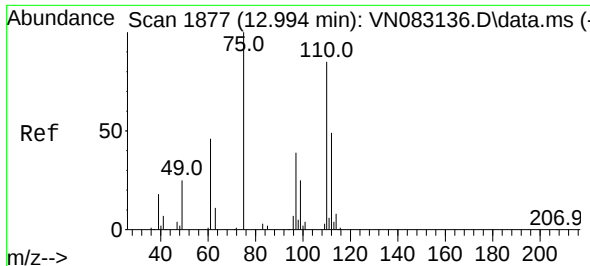
Lab File: VN083297.D

Acq: 14 Aug 2024 13:39

Tgt Ion:152 Resp: 128230

Ion	Ratio	Lower	Upper
152	100		
115	64.2	30.6	91.6
150	157.1	0.0	348.6

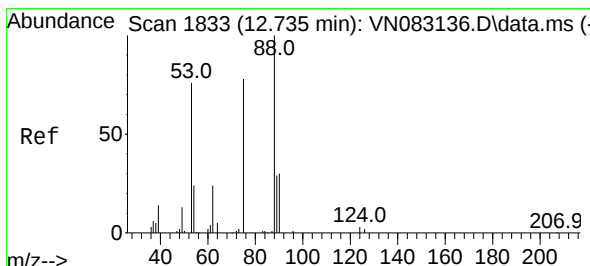
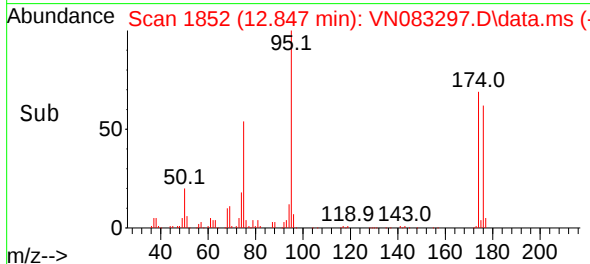
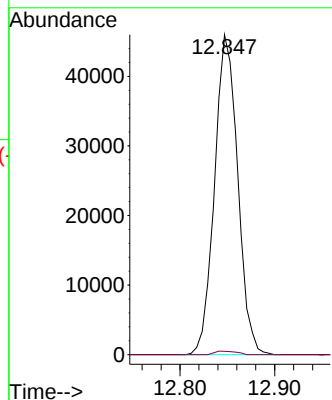
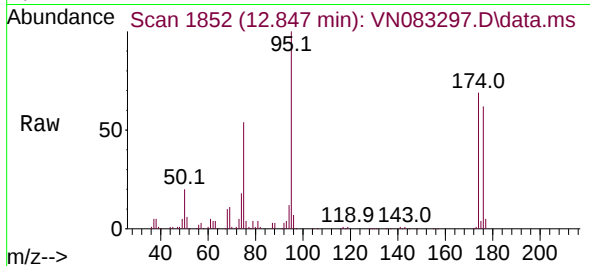




#76
1,2,3-Trichloropropane
Concen: 27.739 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083297.D
Acq: 14 Aug 2024 13:39

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 78067
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.339 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083297.D
Acq: 14 Aug 2024 13:39

Tgt Ion: 75 Resp: 78067
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

