

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081024\
 Data File : VN083199.D
 Acq On : 10 Aug 2024 11:34
 Operator : JC\MD
 Sample : VN0810WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 12 01:47:04 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)

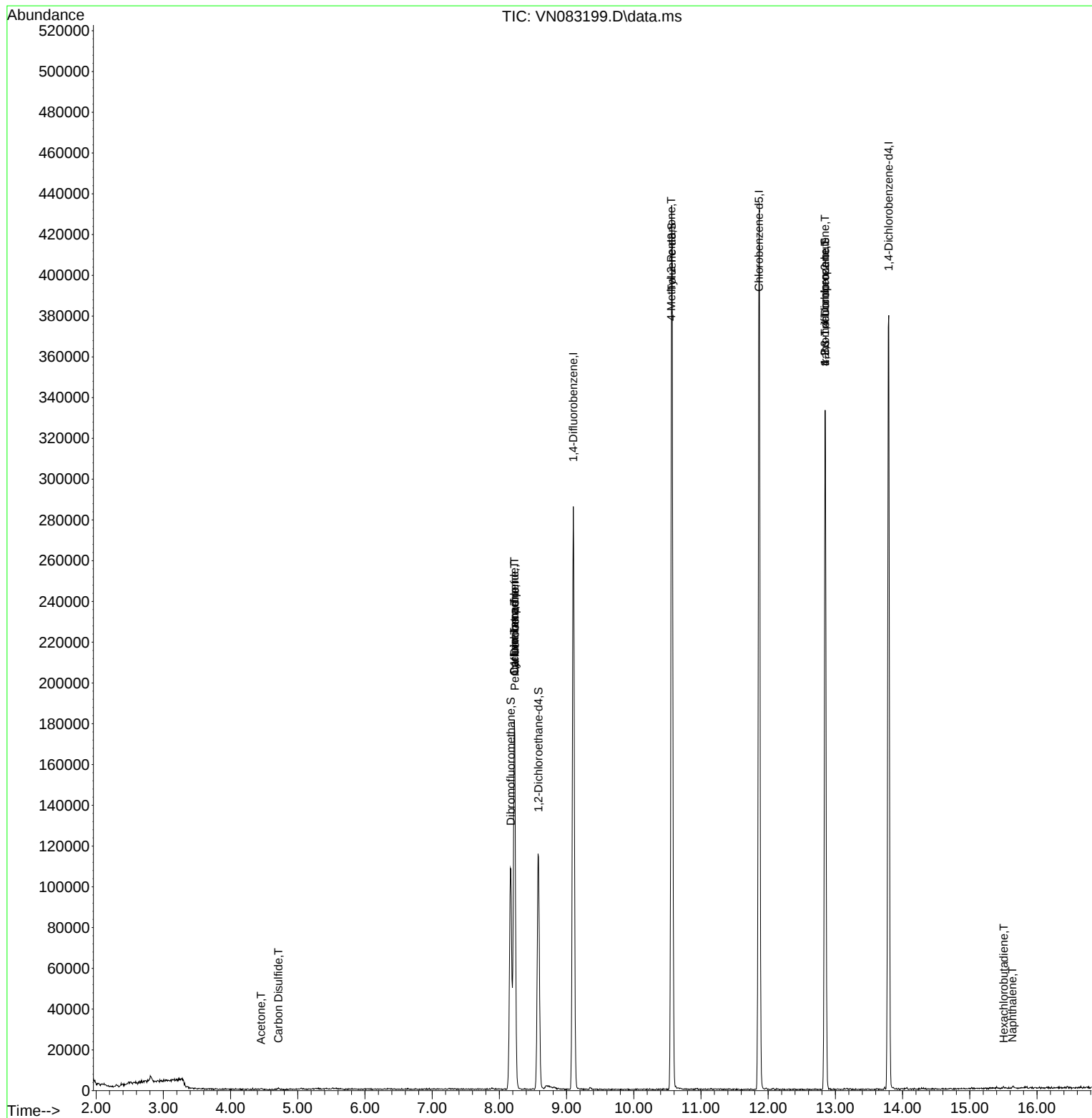
Internal Standards						
1) Pentafluorobenzene	8.230	168	124598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	239076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	101449	57.202	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.400%	
35) Dibromofluoromethane	8.171	113	79036	52.964	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.920%	
50) Toluene-d8	10.565	98	297083	53.370	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.740%	
62) 4-Bromofluorobenzene	12.847	95	117788	54.277	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 108.560%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	366	0.527	ug/l #	48
17) Carbon Disulfide	4.712	76	1323	0.327	ug/l #	75
31) Cyclohexane	8.224	56	3266	1.243	ug/l #	6
36) 1,1-Dichloropropene	8.224	75	11332	5.020	ug/l #	53
38) Carbon Tetrachloride	8.224	117	14676	5.772	ug/l #	17
43) Isopropyl Acetate	8.735	43	2819	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.559	43	1516	0.634	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	65536	29.438	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65536	64.035	ug/l #	6
94) Hexachlorobutadiene	15.506	225	207	0.242	ug/l #	43
95) Naphthalene	15.635	128	1413	0.207	ug/l #	73

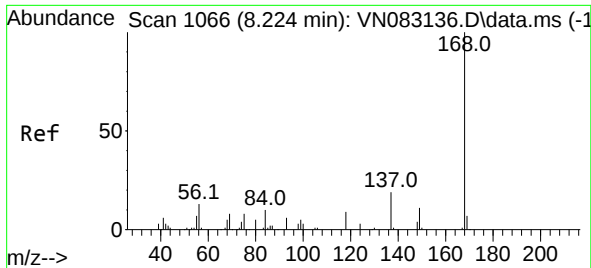
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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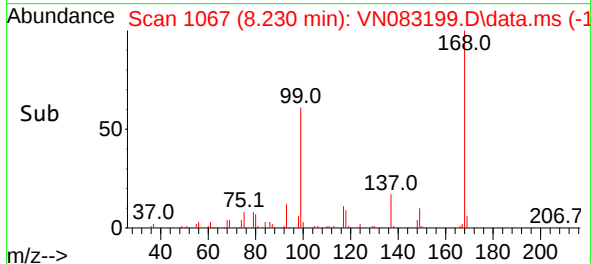
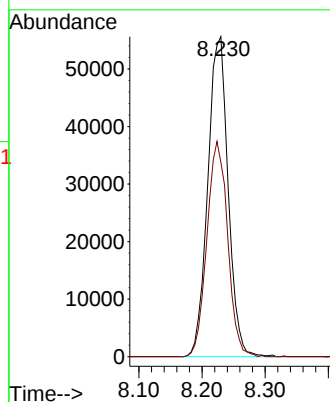
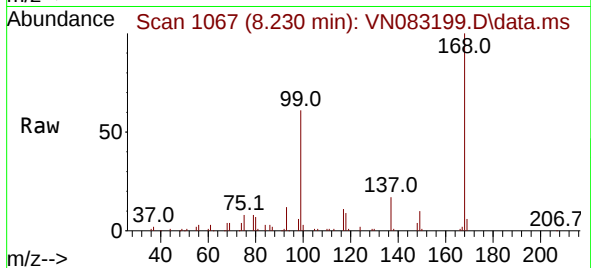




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

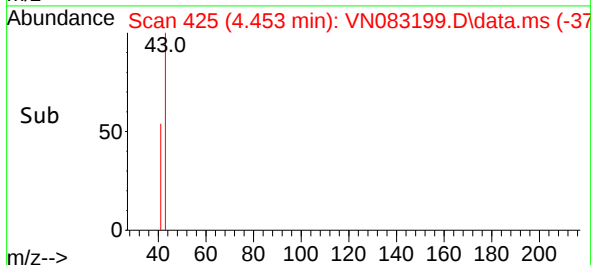
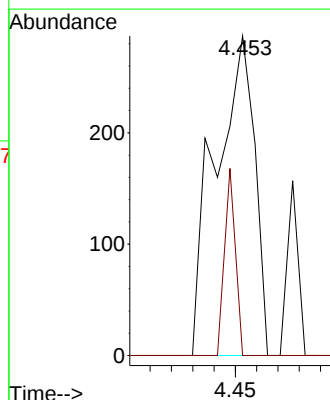
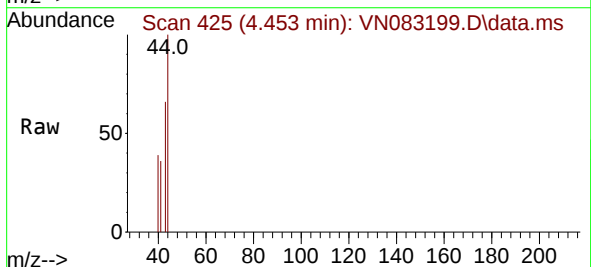
Instrument :
MSVOA_N
ClientSampleId :

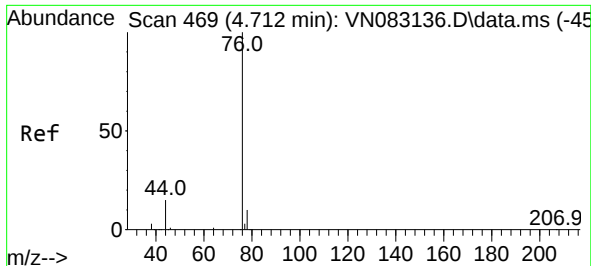
Tgt Ion:168 Resp: 124598
Ion Ratio Lower Upper
168 100
99 60.8 48.2 72.4



#16
Acetone
Concen: 0.527 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.024 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

Tgt Ion: 43 Resp: 366
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

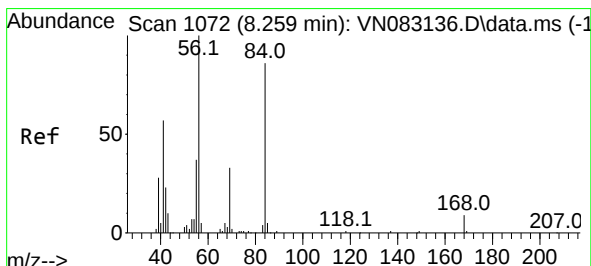
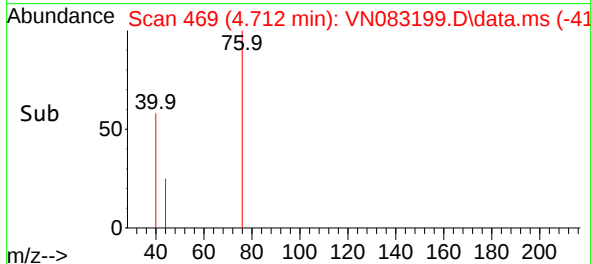
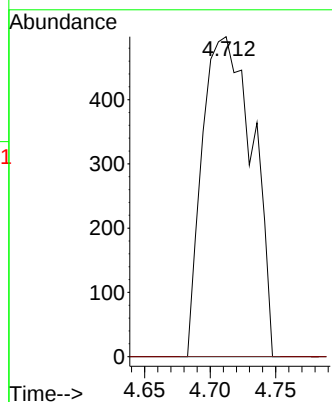
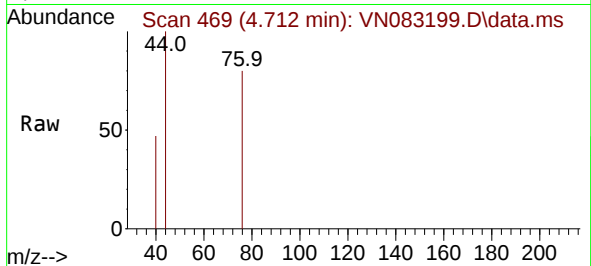




#17
Carbon Disulfide
Concen: 0.327 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

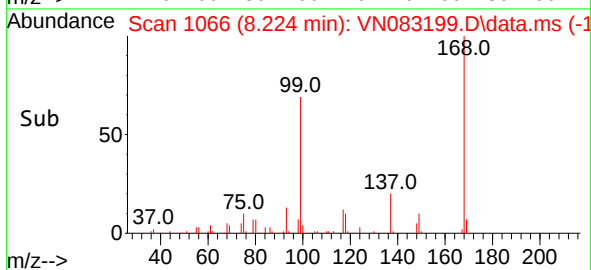
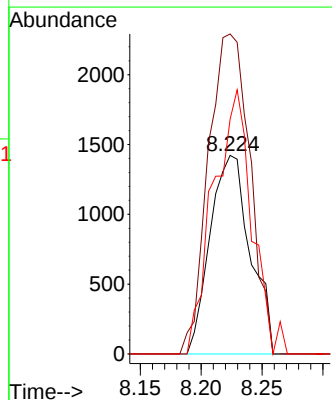
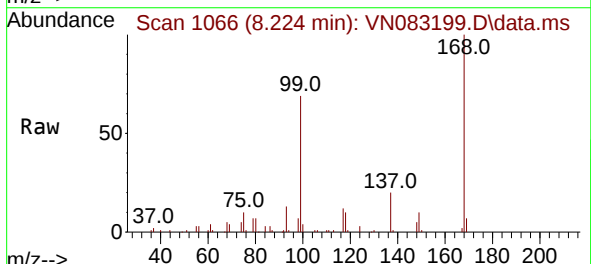
Instrument :
MSVOA_N
ClientSampleId :

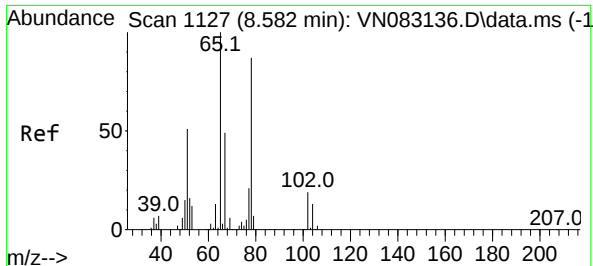
Tgt Ion: 76 Resp: 1323
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.243 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

Tgt Ion: 56 Resp: 3266
Ion Ratio Lower Upper
56 100
69 161.2 24.5 36.7#
84 118.2 66.0 99.0#

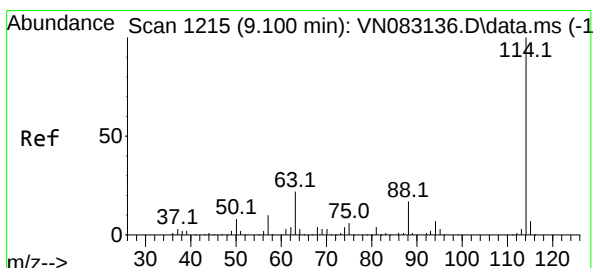
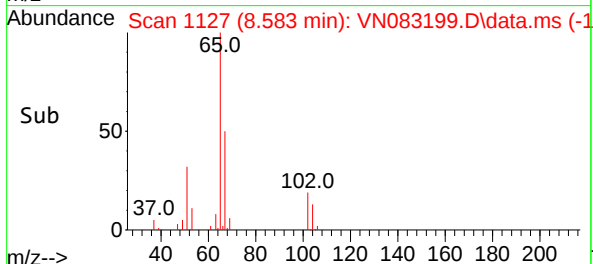
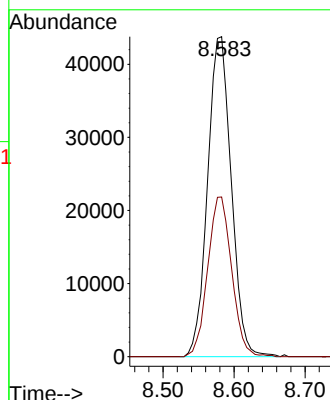
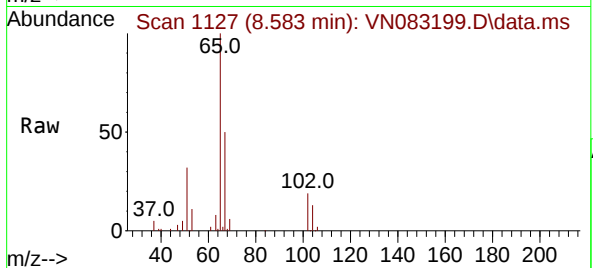




#33
 1,2-Dichloroethane-d4
 Concen: 57.202 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN083199.D
 Acq: 10 Aug 2024 11:34

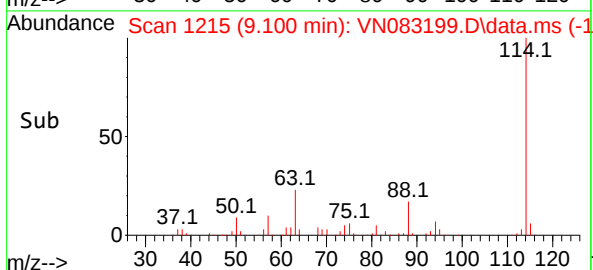
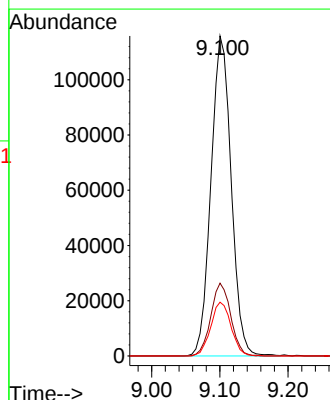
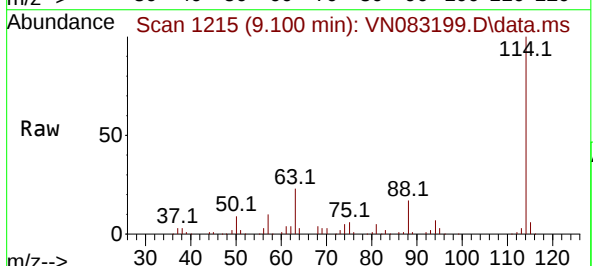
Instrument :
 MSVOA_N
 ClientSampleId :

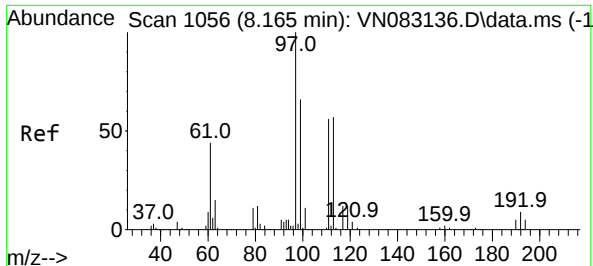
Tgt Ion: 65 Resp: 101449
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN083199.D
 Acq: 10 Aug 2024 11:34

Tgt Ion: 114 Resp: 239076
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.6
 88 16.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.964 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083199.D

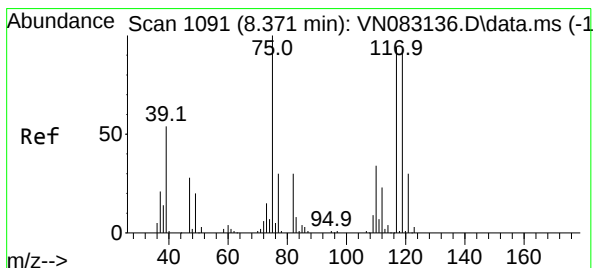
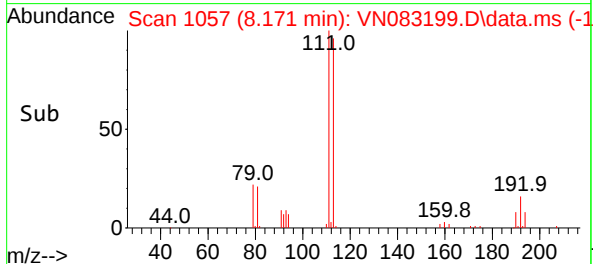
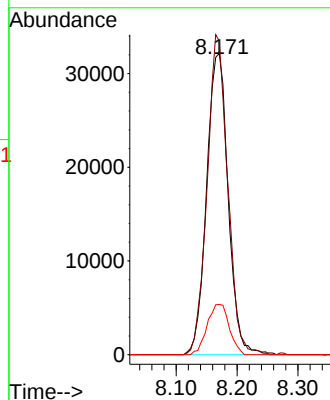
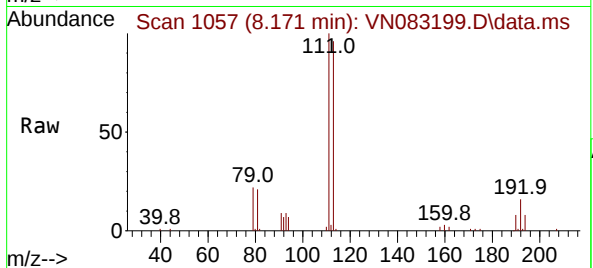
Acq: 10 Aug 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	113	Resp:	79036
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	17.0	14.9	22.3



#36

1,1-Dichloropropene

Concen: 5.020 ug/l

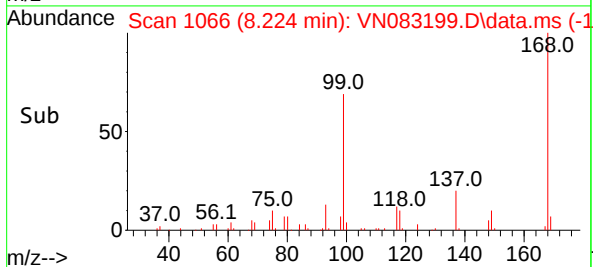
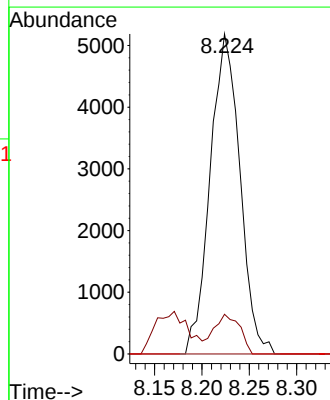
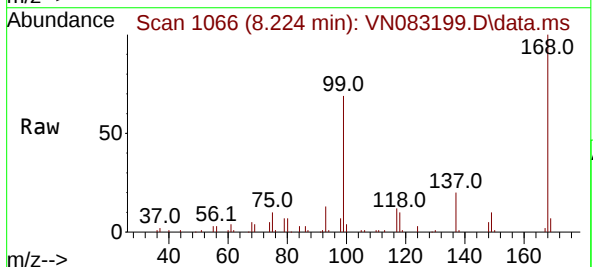
RT: 8.224 min Scan# 1066

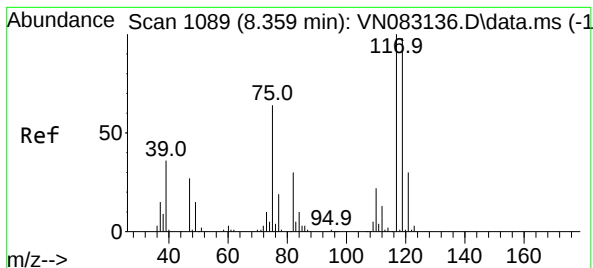
Delta R.T. -0.147 min

Lab File: VN083199.D

Acq: 10 Aug 2024 11:34

Tgt Ion:	75	Resp:	11332
Ion	Ratio	Lower	Upper
75	100		
110	10.9	16.3	48.9#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 5.772 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.135 min

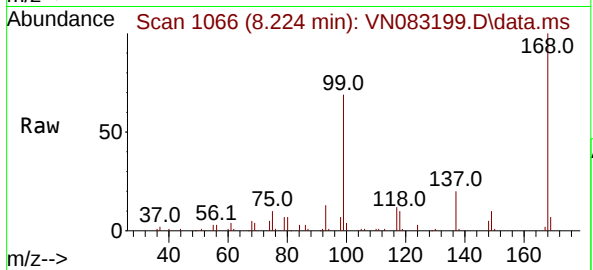
Lab File: VN083199.D

Acq: 10 Aug 2024 11:34

Instrument :

MSVOA_N

ClientSampleId :



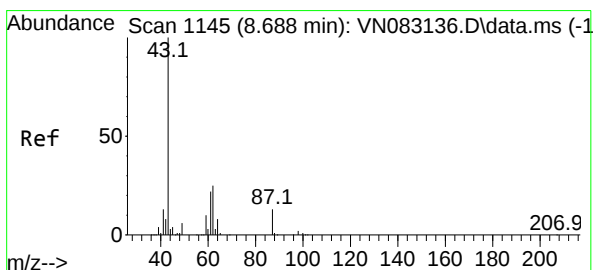
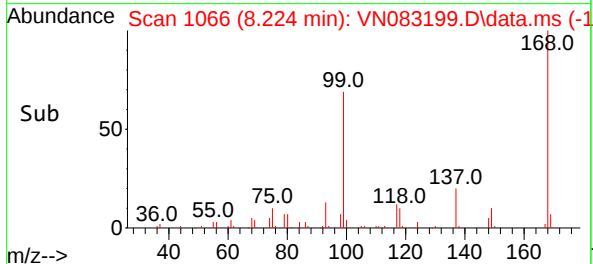
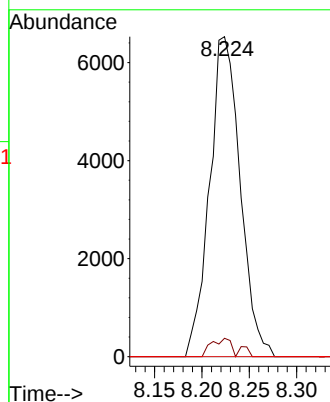
Tgt Ion:117 Resp: 14676

Ion Ratio Lower Upper

117 100

119 5.7 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.735 min Scan# 1153

Delta R.T. 0.047 min

Lab File: VN083199.D

Acq: 10 Aug 2024 11:34

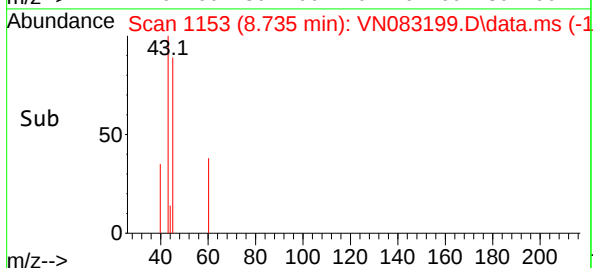
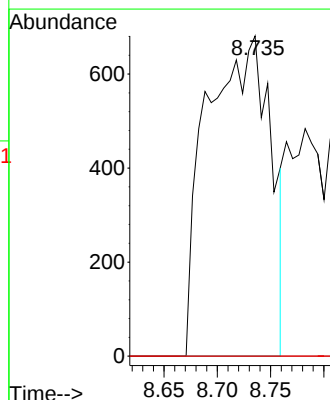
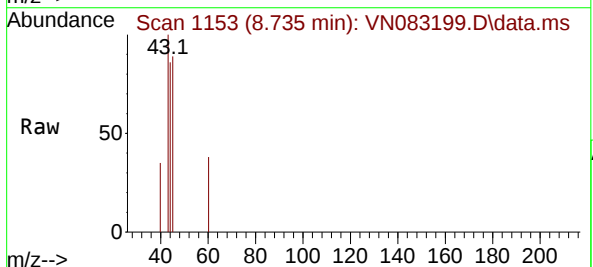
Tgt Ion: 43 Resp: 2819

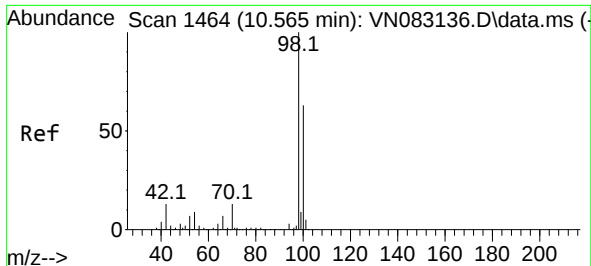
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

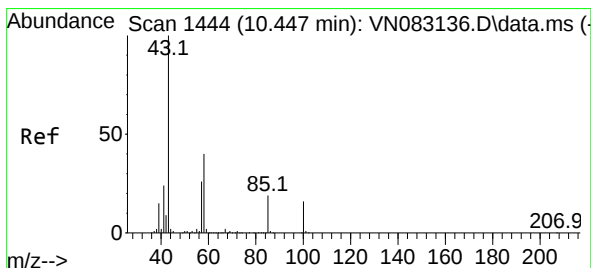
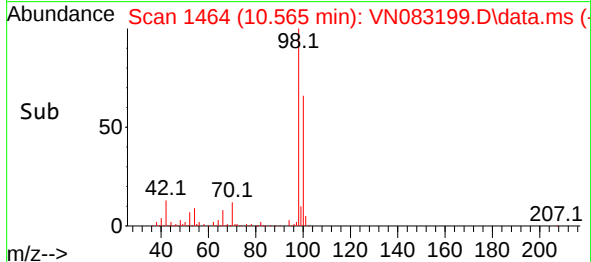
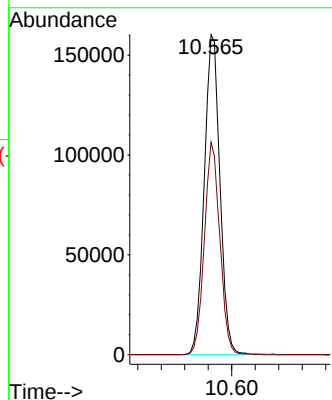
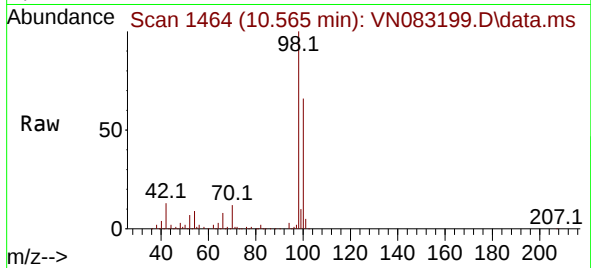




#50
Toluene-d8
Concen: 53.370 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

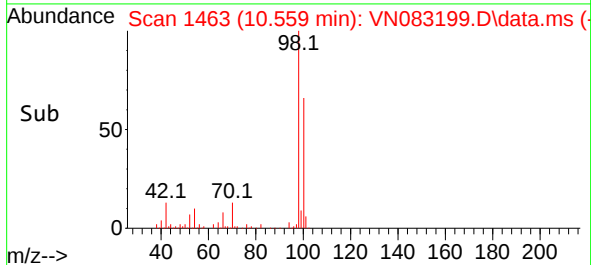
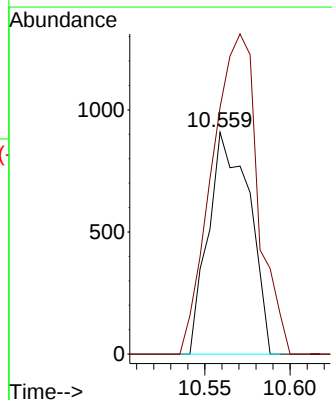
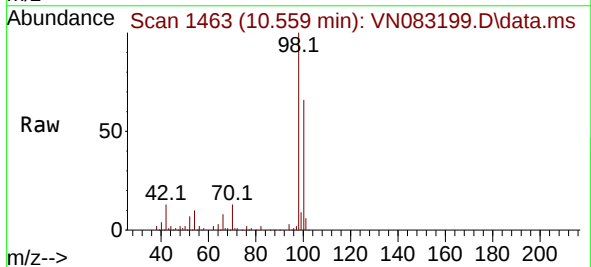
Instrument :
MSVOA_N
ClientSampleId :

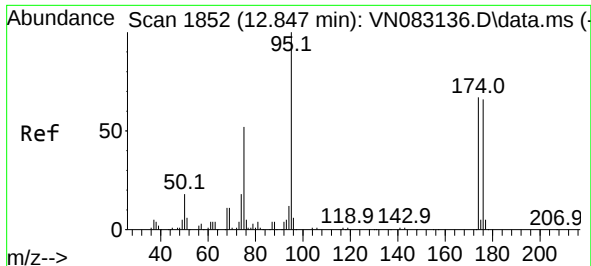
Tgt Ion: 98 Resp: 297083
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.634 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.112 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

Tgt Ion: 43 Resp: 1516
Ion Ratio Lower Upper
43 100
58 162.5 28.2 42.4#

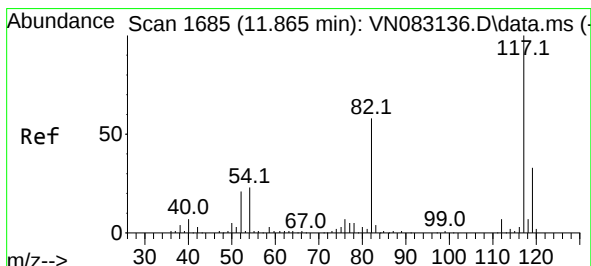
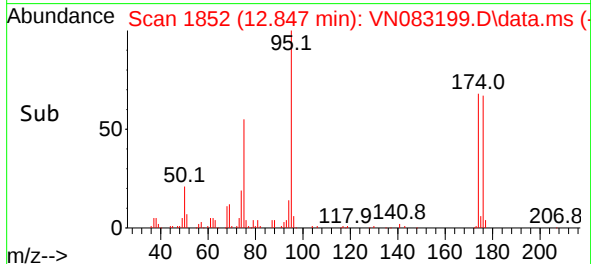
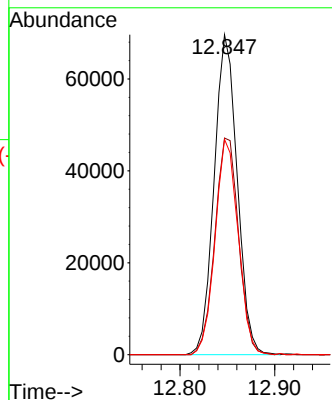
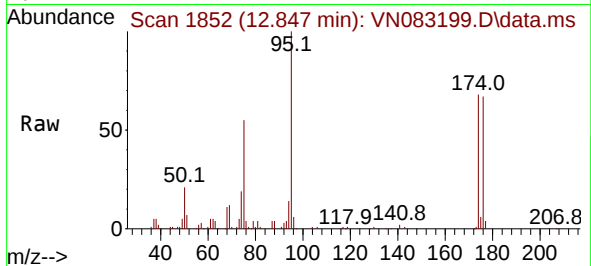




#62
4-Bromofluorobenzene
Concen: 54.277 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

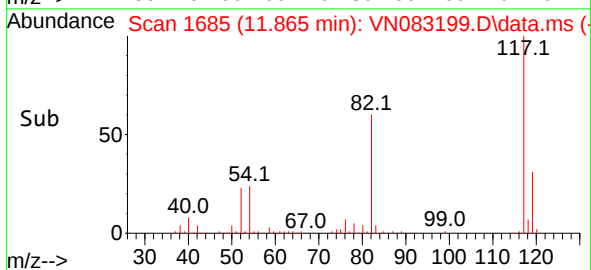
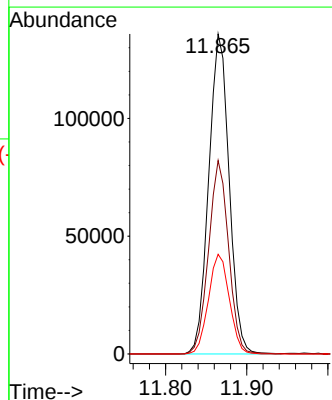
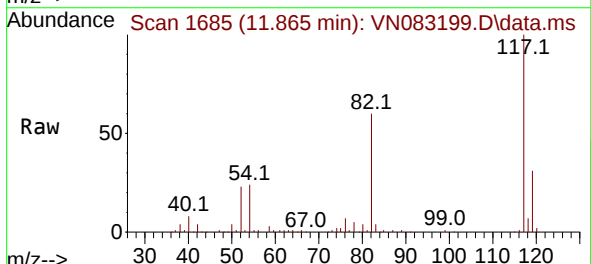
Instrument :
MSVOA_N
ClientSampleId :

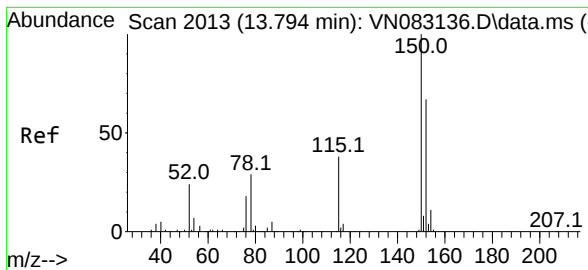
Tgt Ion: 95 Resp: 117788
Ion Ratio Lower Upper
95 100
174 69.8 0.0 159.2
176 67.2 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

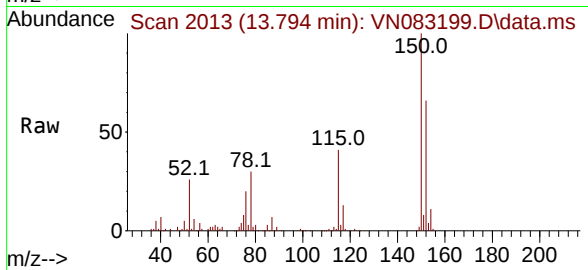
Tgt Ion: 117 Resp: 236621
Ion Ratio Lower Upper
117 100
82 60.5 47.5 71.3
119 31.2 25.6 38.4



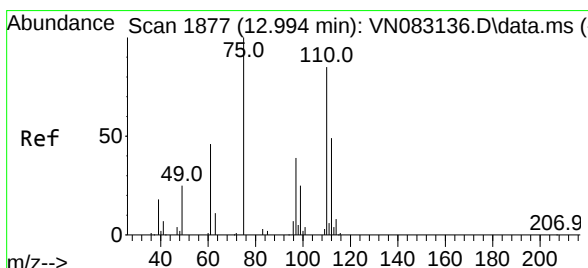
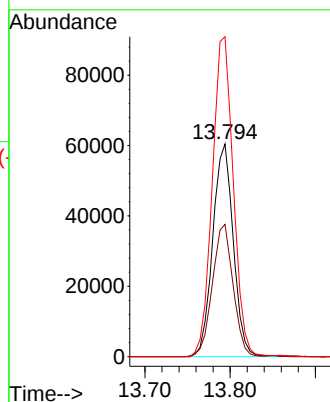
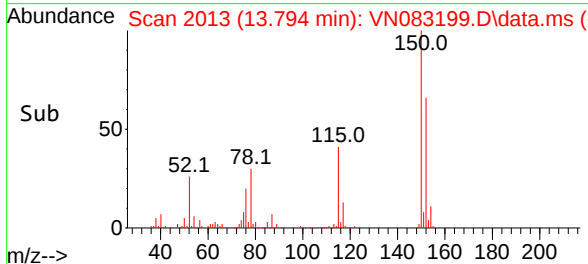


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

Instrument :
MSVOA_N
ClientSampleId :

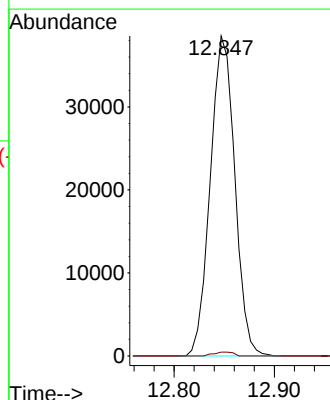
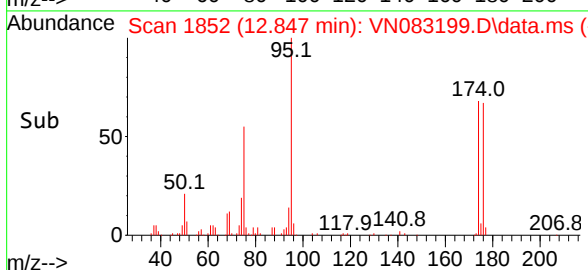
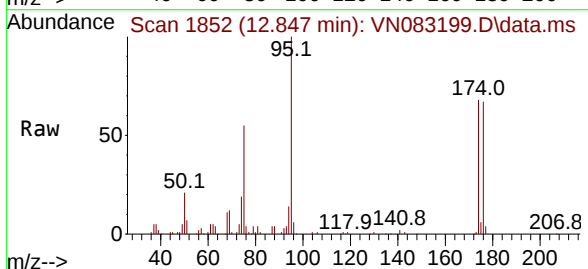


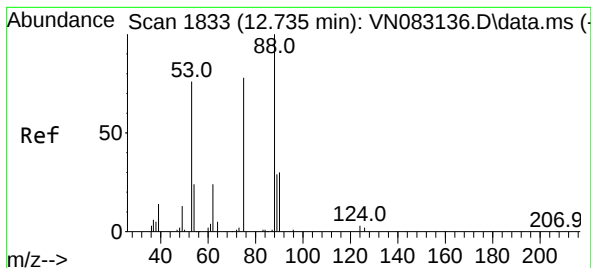
Tgt Ion:152 Resp: 101434
Ion Ratio Lower Upper
152 100
115 62.7 30.6 91.6
150 154.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 29.438 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

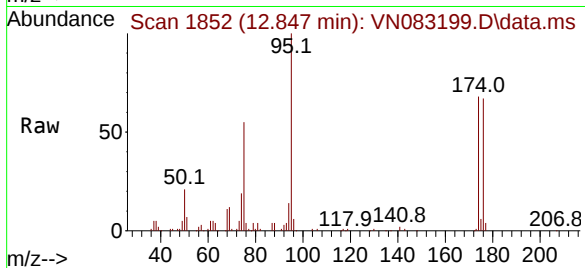
Tgt Ion: 75 Resp: 65536
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#



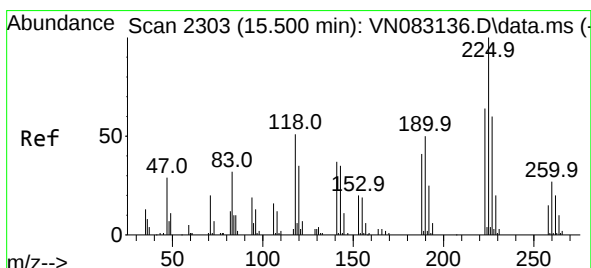
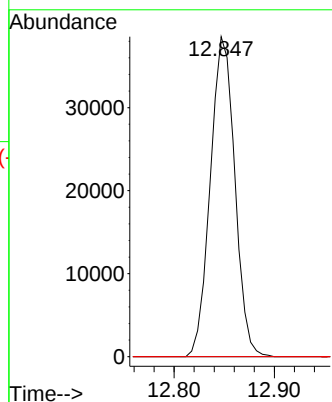
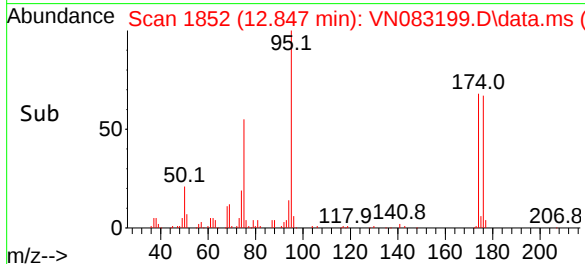


#81
trans-1,4-Dichloro-2-butene
Concen: 64.035 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

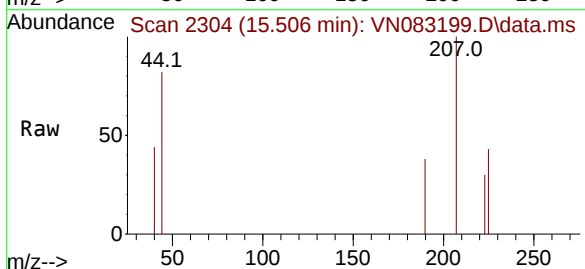
Instrument :
MSVOA_N
ClientSampleId :



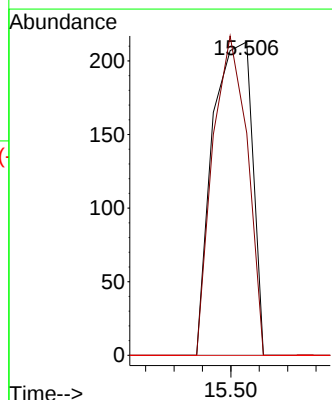
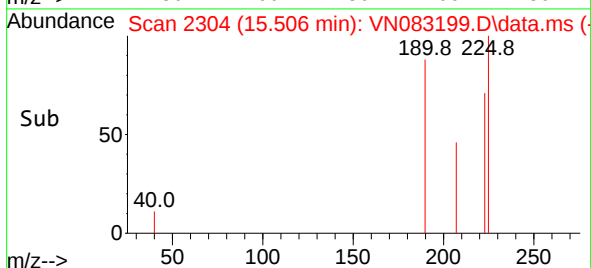
Tgt Ion: 75 Resp: 65536
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

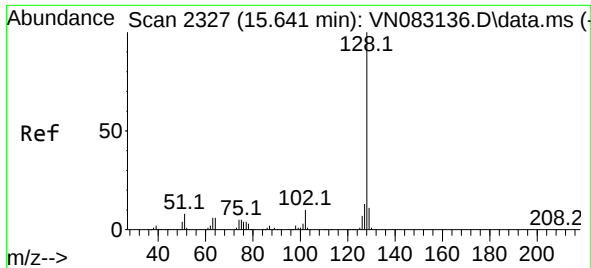


#94
Hexachlorobutadiene
Concen: 0.242 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34



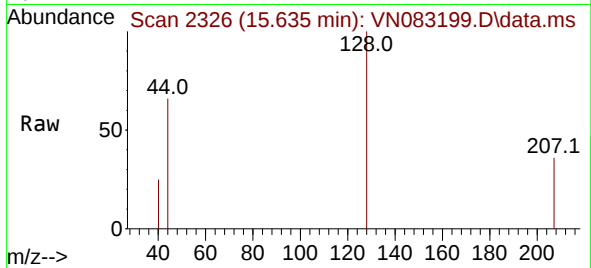
Tgt Ion: 225 Resp: 207
Ion Ratio Lower Upper
225 100
223 88.4 31.9 95.7
227 0.0 32.5 97.5#





#95
Naphthalene
Concen: 0.207 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN083199.D
Acq: 10 Aug 2024 11:34

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1413
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 3.8 8.6 12.8#

