

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083317.D
 Acq On : 14 Aug 2024 21:43
 Operator : JC\MD
 Sample : P3609-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 23:28:19 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)

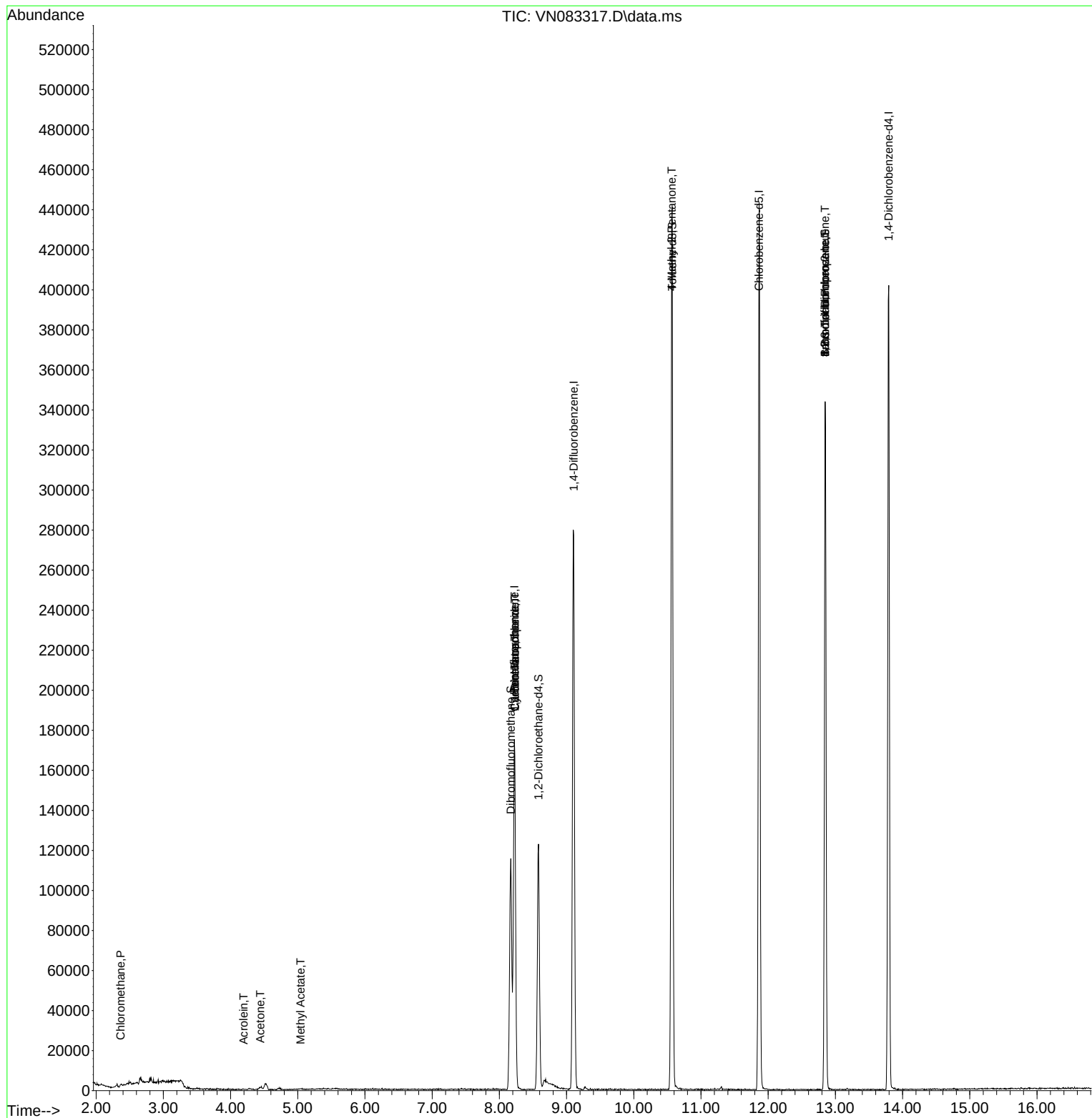
Internal Standards						
1) Pentafluorobenzene	8.224	168	120820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	238487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	103273	60.052	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.100%			
35) Dibromofluoromethane	8.171	113	81464	54.726	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.460%			
50) Toluene-d8	10.571	98	305149	54.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.900%			
62) 4-Bromofluorobenzene	12.847	95	122364	56.525	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.040%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	691	0.493	ug/l #	43
13) Acrolein	4.195	56	72	0.309	ug/l	95
16) Acetone	4.442	43	2519	3.743	ug/l #	73
18) Methyl Acetate	5.042	43	830	0.414	ug/l #	56
31) Cyclohexane	8.230	56	3163	1.241	ug/l #	32
36) 1,1-Dichloropropene	8.230	75	11475	5.096	ug/l #	51
38) Carbon Tetrachloride	8.230	117	14040	5.536	ug/l #	17
43) Isopropyl Acetate	8.665	43	3499	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1506	0.632	ug/l #	1
71) Bromoform	12.847	173	514	0.356	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	67311	28.855	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67311	62.766	ug/l #	6

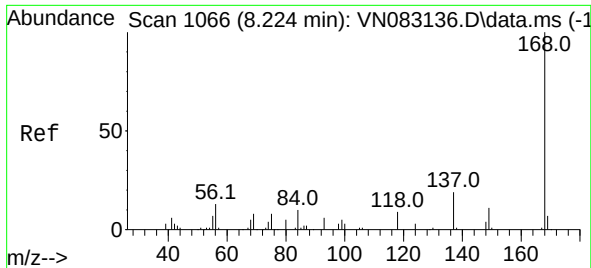
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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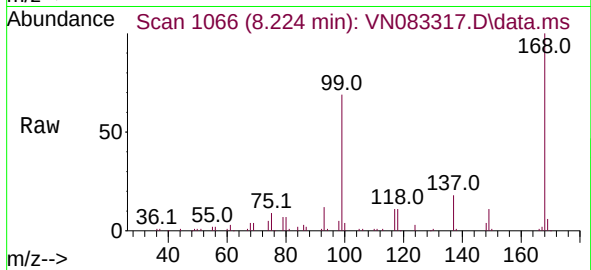
Quant Time: Aug 14 23:28:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
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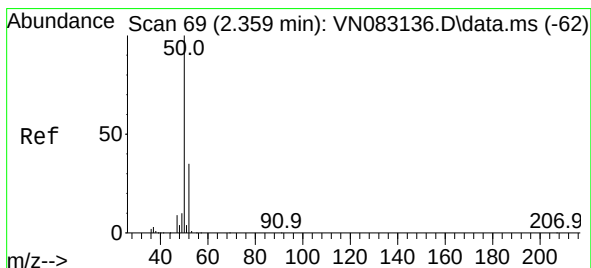
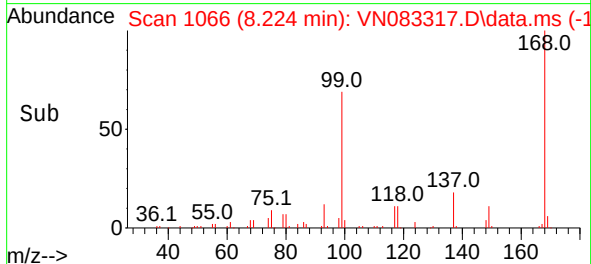
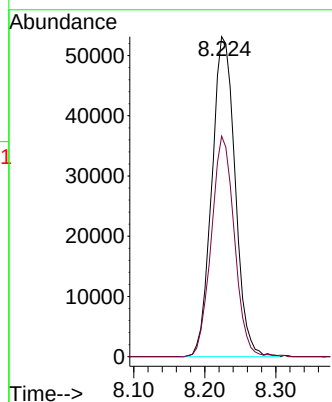


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083317.D
Acq: 14 Aug 2024 21:43

Instrument :
MSVOA_N
ClientSampleId :

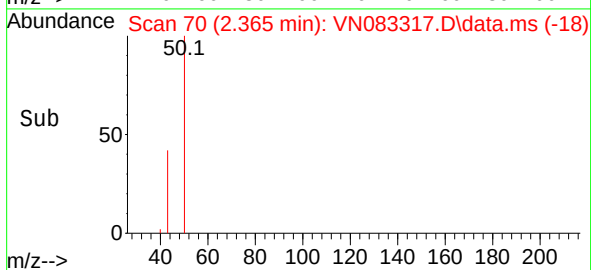
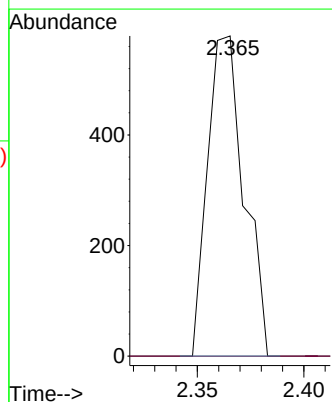
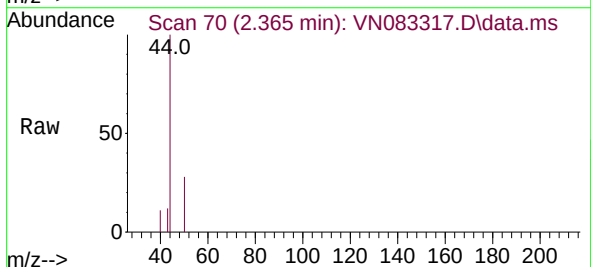


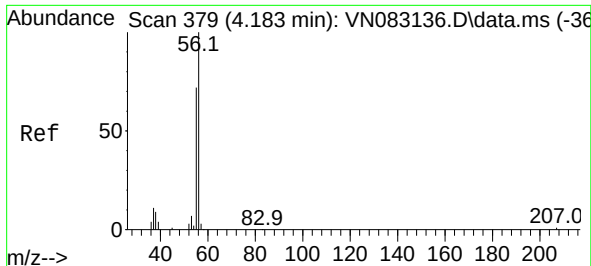
Tgt Ion:168 Resp: 120820
Ion Ratio Lower Upper
168 100
99 68.9 48.2 72.4



#3
Chloromethane
Concen: 0.493 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083317.D
Acq: 14 Aug 2024 21:43

Tgt Ion: 50 Resp: 691
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#13

Acrolein

Concen: 0.309 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.012 min

Lab File: VN083317.D

Acq: 14 Aug 2024 21:43

Instrument :

MSVOA_N

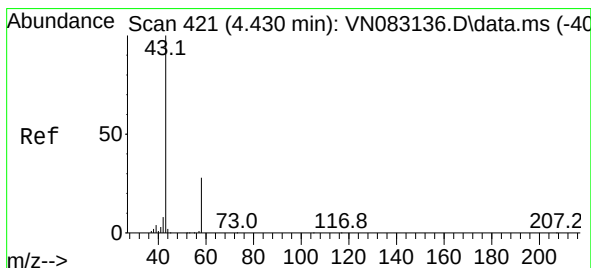
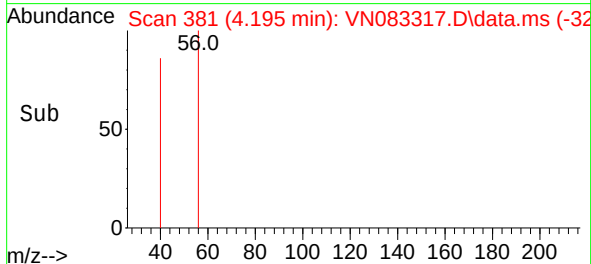
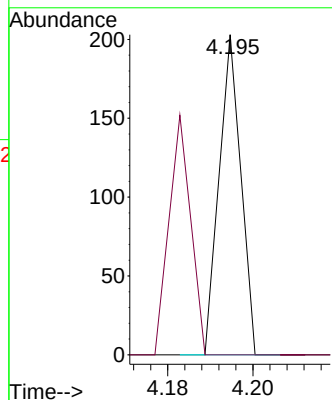
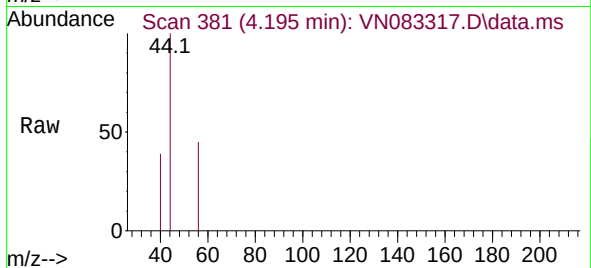
ClientSampleId :

Tgt Ion: 56 Resp: 72

Ion Ratio Lower Upper

56 100

55 75.0 56.4 84.6



#16

Acetone

Concen: 3.743 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.012 min

Lab File: VN083317.D

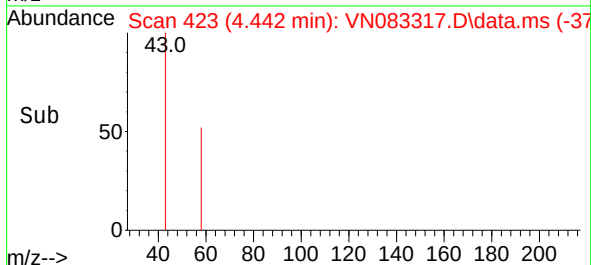
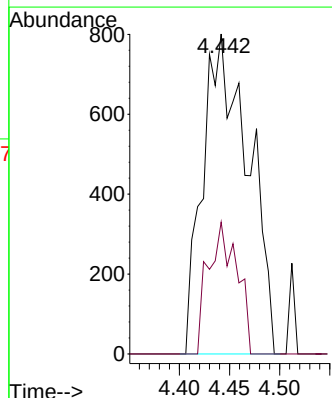
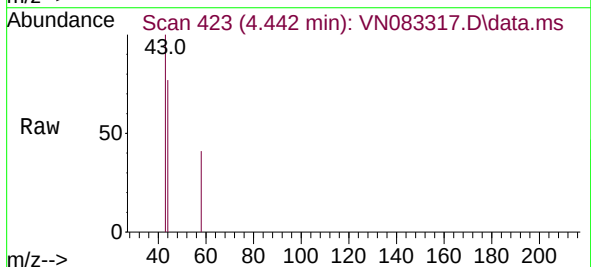
Acq: 14 Aug 2024 21:43

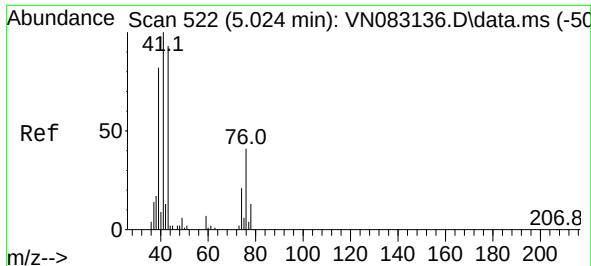
Tgt Ion: 43 Resp: 2519

Ion Ratio Lower Upper

43 100

58 41.2 21.8 32.6#





#18

Methyl Acetate

Concen: 0.414 ug/l

RT: 5.042 min Scan# 51

Delta R.T. 0.018 min

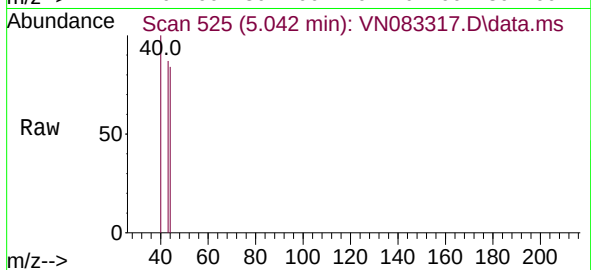
Lab File: VN083317.D

Acq: 14 Aug 2024 21:43

Instrument :

MSVOA_N

ClientSampleId :

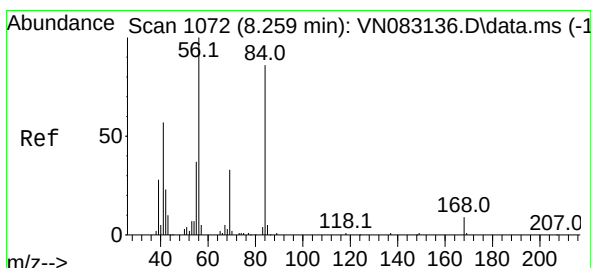
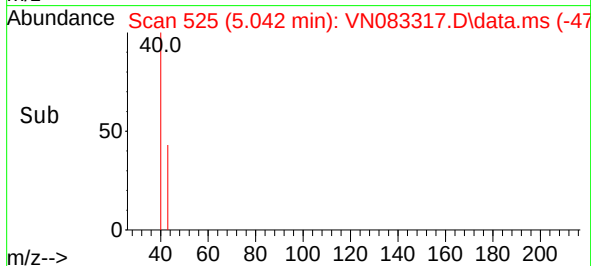
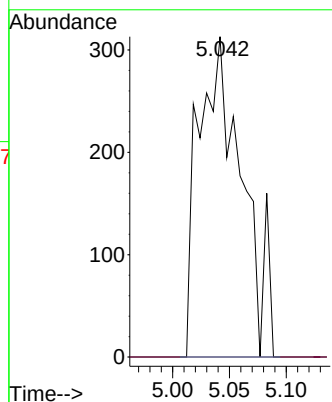


Tgt Ion: 43 Resp: 830

Ion Ratio Lower Upper

43 100

74 0.0 16.3 24.5#



#31

Cyclohexane

Concen: 1.241 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN083317.D

Acq: 14 Aug 2024 21:43

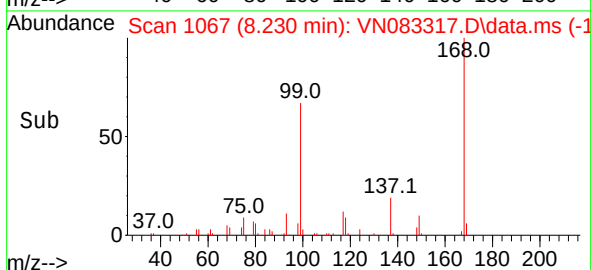
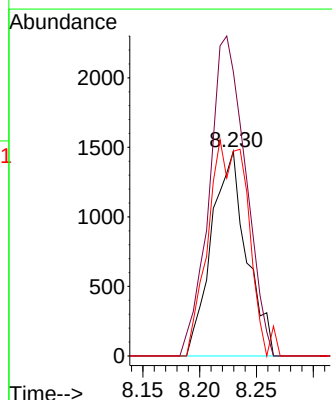
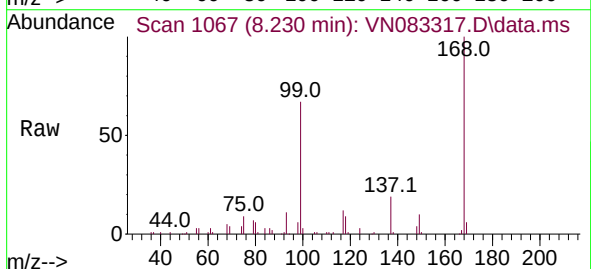
Tgt Ion: 56 Resp: 3163

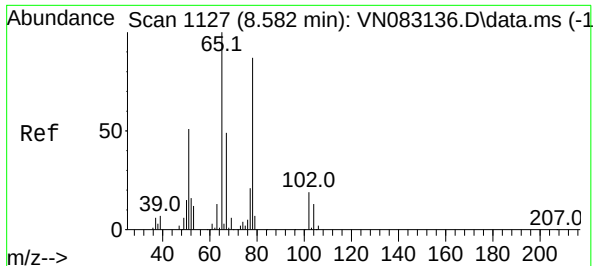
Ion Ratio Lower Upper

56 100

69 139.0 24.5 36.7#

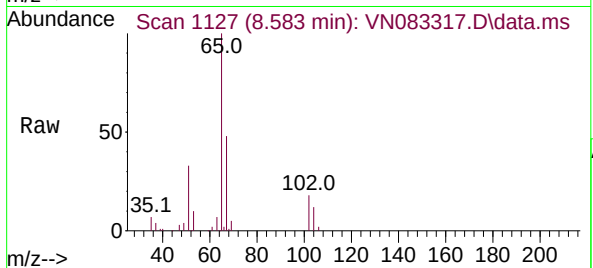
84 100.1 66.0 99.0#



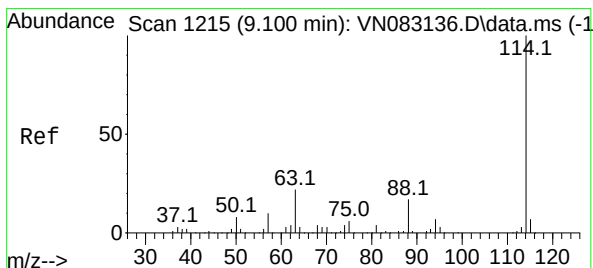
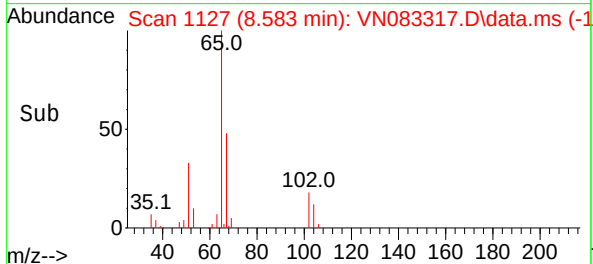
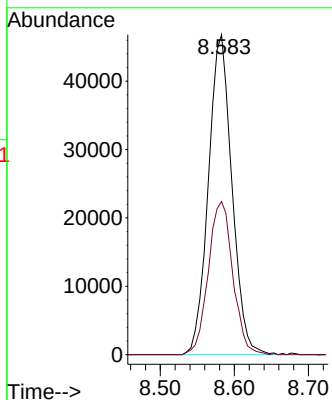


#33
1,2-Dichloroethane-d4
Concen: 60.052 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083317.D
Acq: 14 Aug 2024 21:43

Instrument :
MSVOA_N
ClientSampleId :

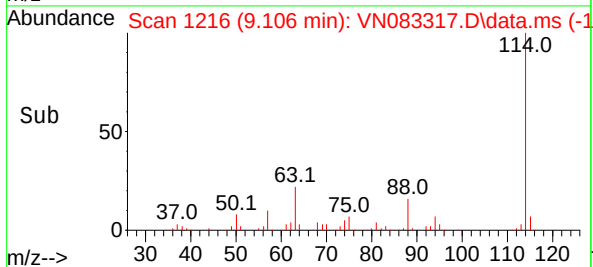
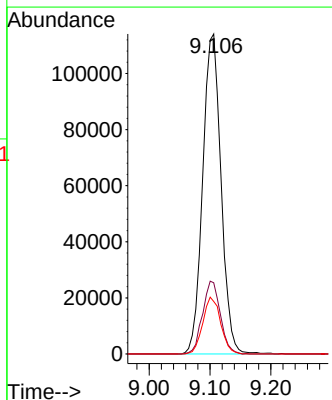
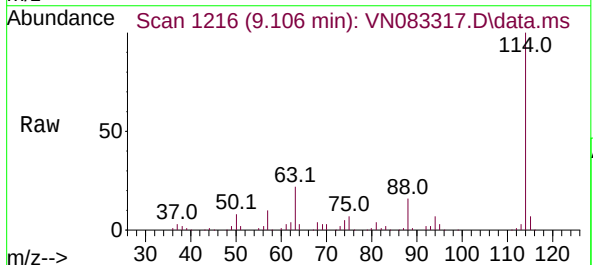


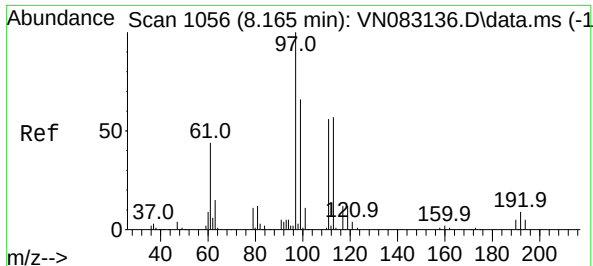
Tgt Ion: 65 Resp: 103273
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN083317.D
Acq: 14 Aug 2024 21:43

Tgt Ion: 114 Resp: 238487
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.6
88 16.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.726 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083317.D

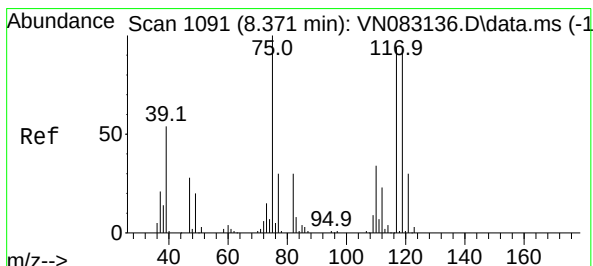
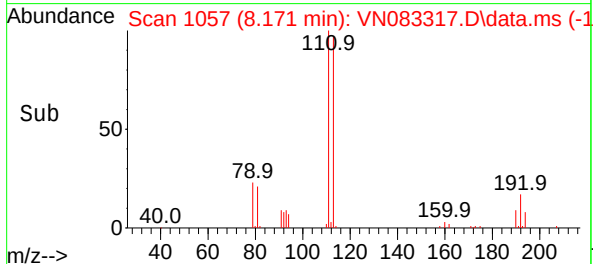
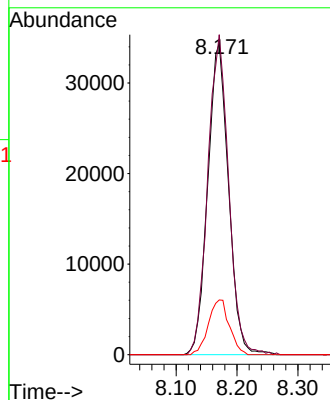
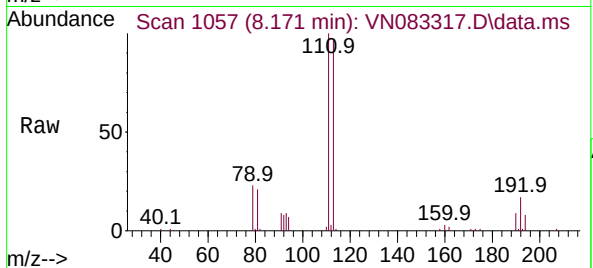
Acq: 14 Aug 2024 21:43

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	113	Resp:	81464
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	17.7	14.9	22.3



#36

1,1-Dichloropropene

Concen: 5.096 ug/l

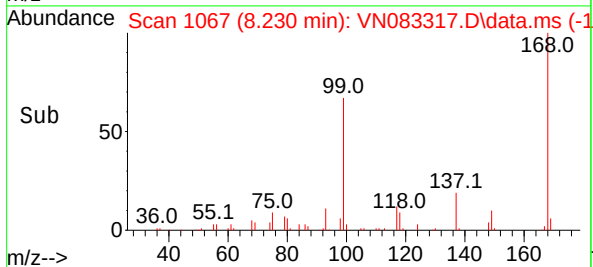
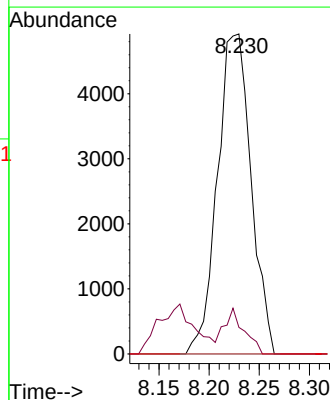
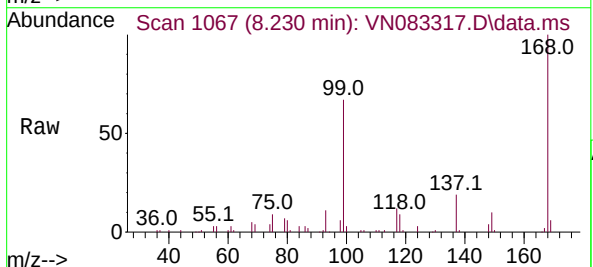
RT: 8.230 min Scan# 1067

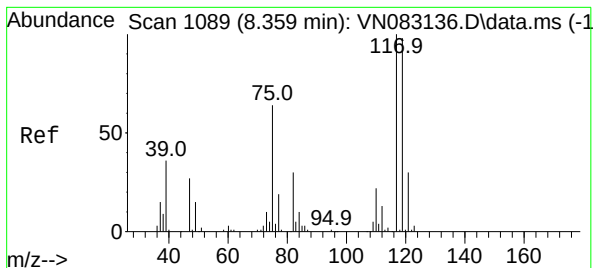
Delta R.T. -0.141 min

Lab File: VN083317.D

Acq: 14 Aug 2024 21:43

Tgt Ion:	75	Resp:	11475
Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.3	48.9#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 5.536 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.129 min

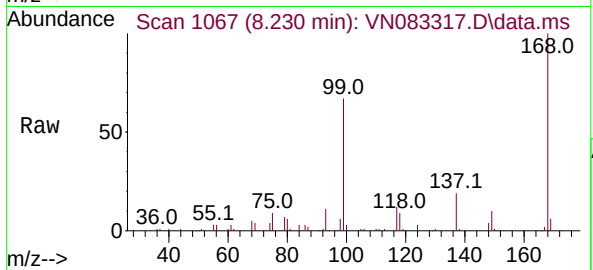
Lab File: VN083317.D

Acq: 14 Aug 2024 21:43

Instrument :

MSVOA_N

ClientSampleId :



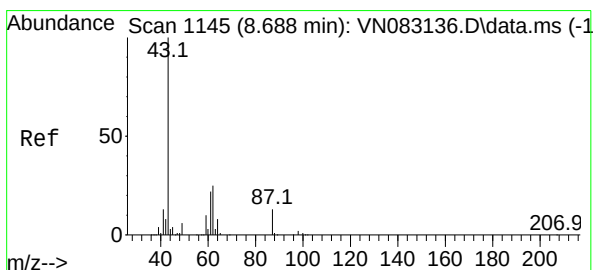
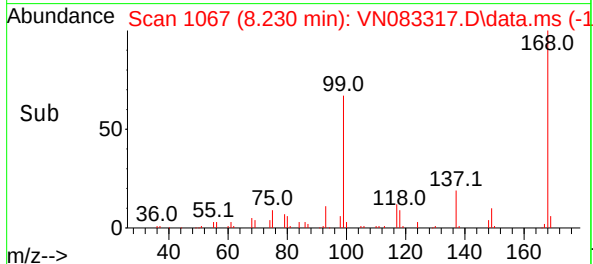
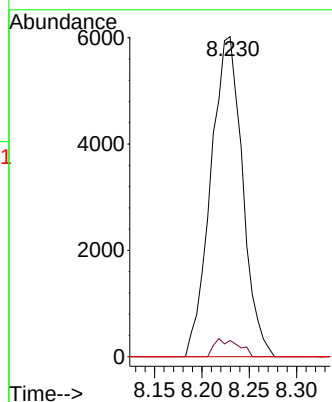
Tgt Ion:117 Resp: 14040

Ion Ratio Lower Upper

117 100

119 5.0 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.665 min Scan# 1141

Delta R.T. -0.023 min

Lab File: VN083317.D

Acq: 14 Aug 2024 21:43

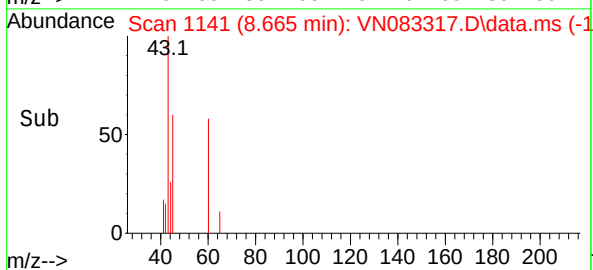
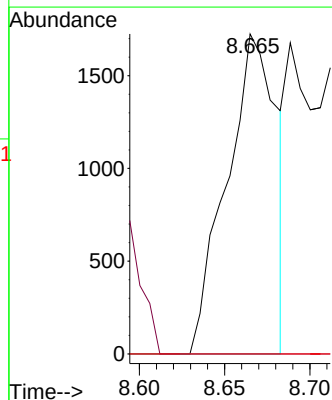
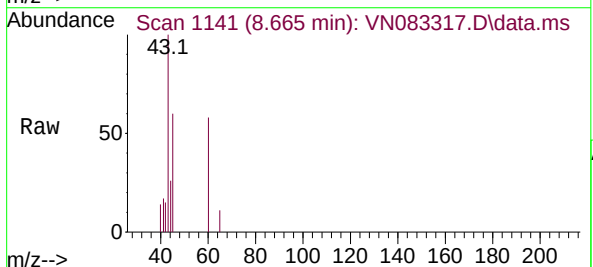
Tgt Ion: 43 Resp: 3499

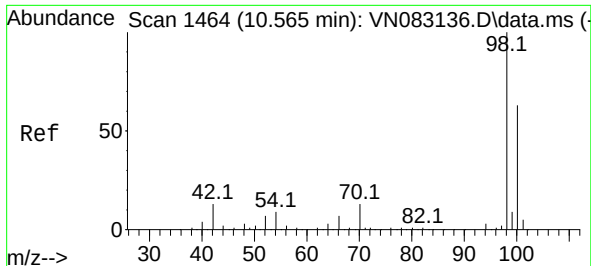
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 54.954 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN083317.D

Acq: 14 Aug 2024 21:43

Instrument :

MSVOA_N

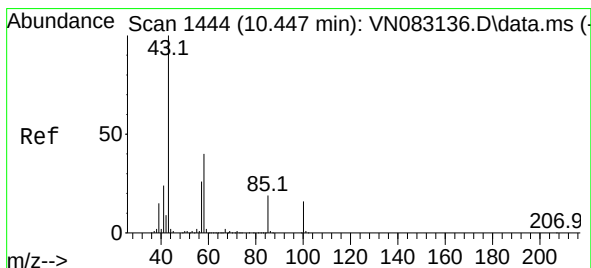
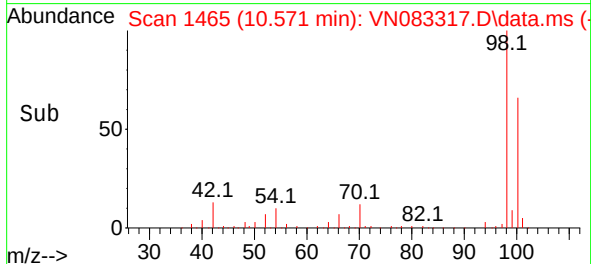
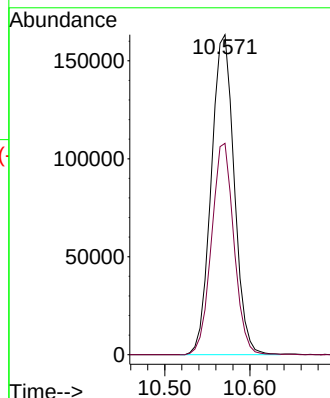
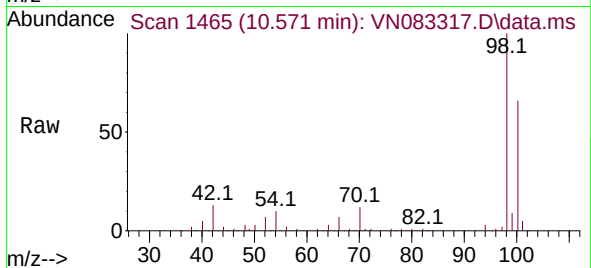
ClientSampleId :

Tgt Ion: 98 Resp: 305149

Ion Ratio Lower Upper

98 100

100 64.6 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.632 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN083317.D

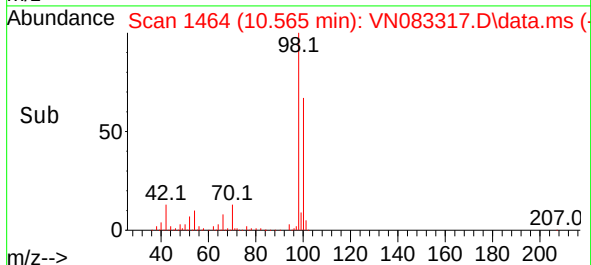
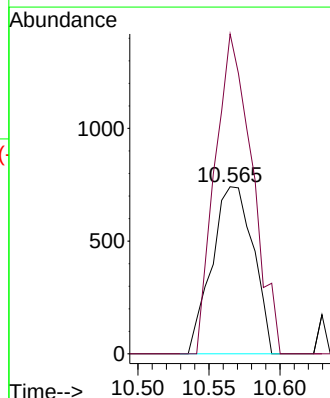
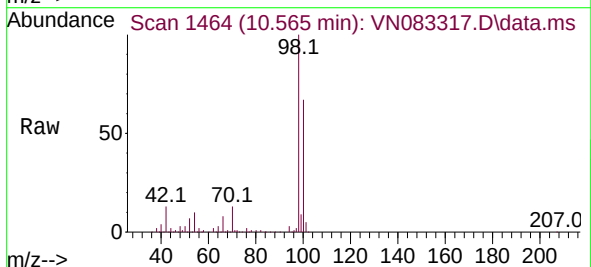
Acq: 14 Aug 2024 21:43

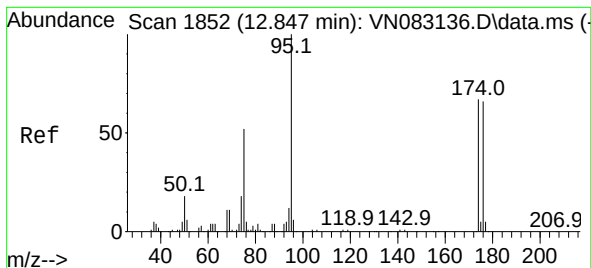
Tgt Ion: 43 Resp: 1506

Ion Ratio Lower Upper

43 100

58 171.2 28.2 42.4#

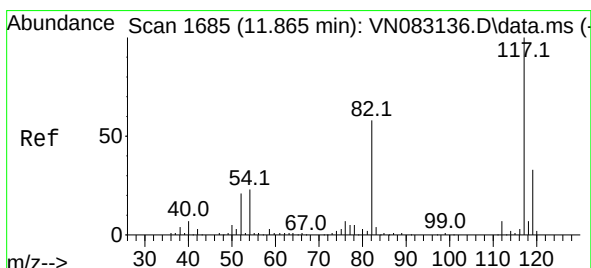
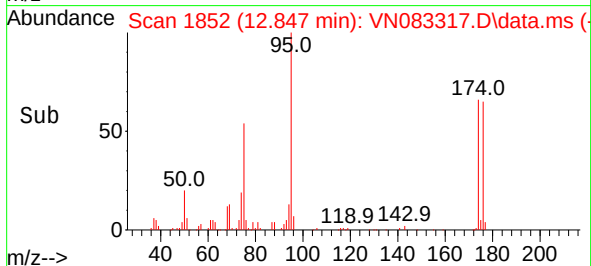
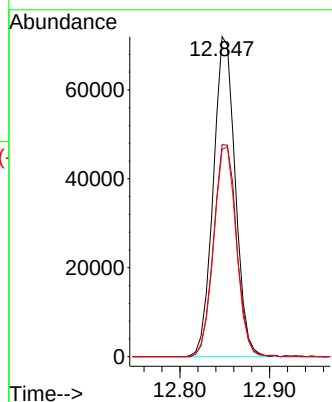
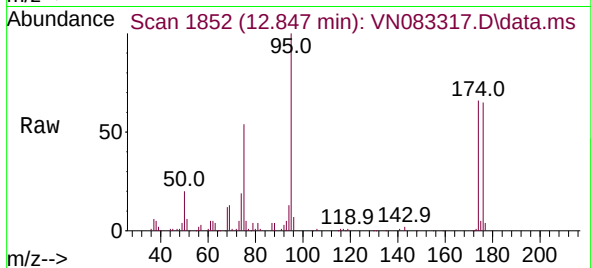




#62
4-Bromofluorobenzene
Concen: 56.525 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083317.D
Acq: 14 Aug 2024 21:43

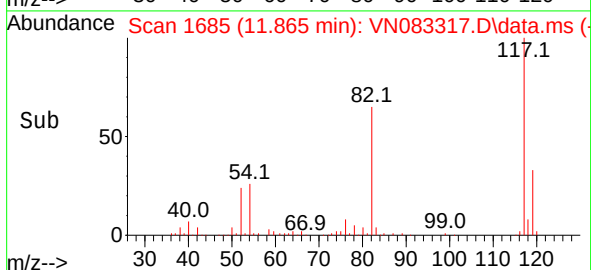
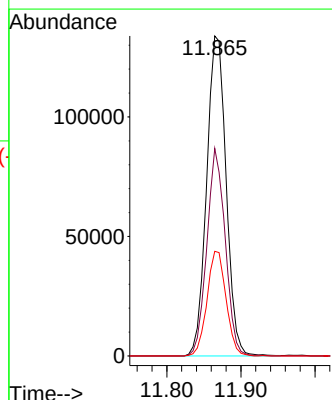
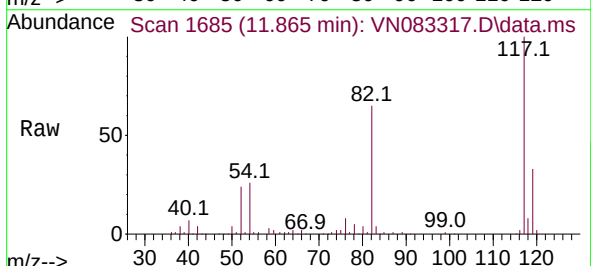
Instrument :
MSVOA_N
ClientSampleId :

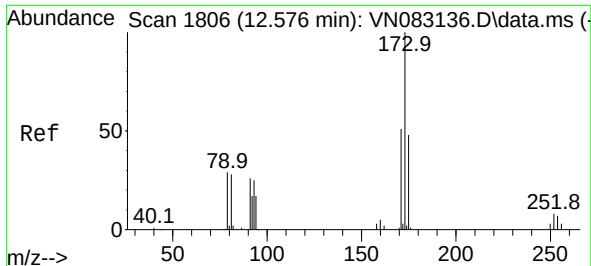
Tgt Ion: 95 Resp: 122364
Ion Ratio Lower Upper
95 100
174 69.5 0.0 159.2
176 67.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083317.D
Acq: 14 Aug 2024 21:43

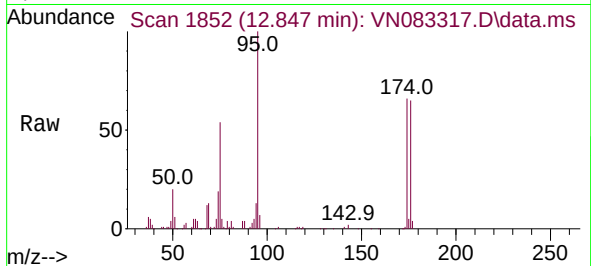
Tgt Ion: 117 Resp: 244841
Ion Ratio Lower Upper
117 100
82 64.8 47.5 71.3
119 32.7 25.6 38.4



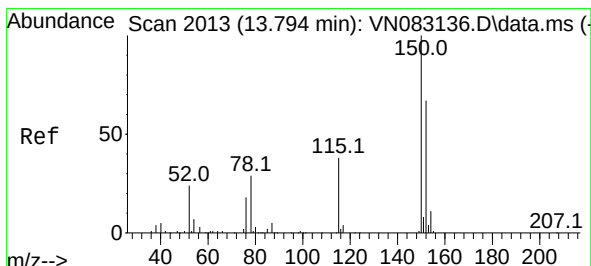
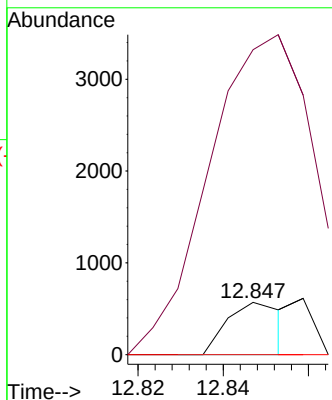
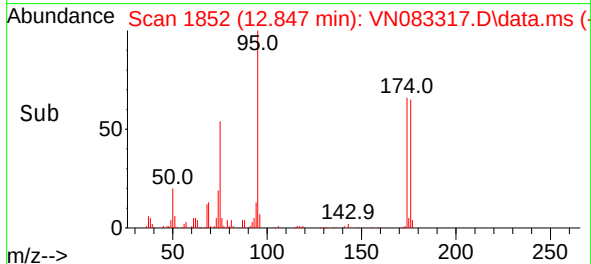


#71
Bromoform
Concen: 0.356 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN083317.D
Acq: 14 Aug 2024 21:43

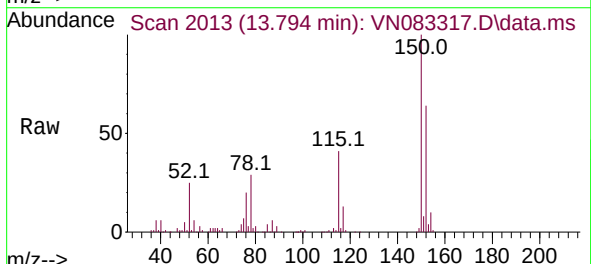
Instrument :
MSVOA_N
ClientSampleId :



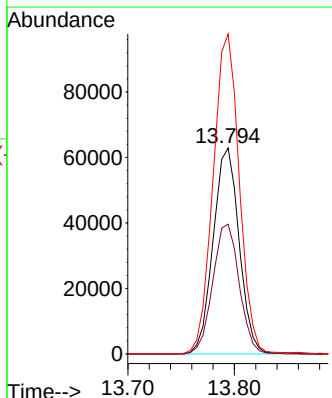
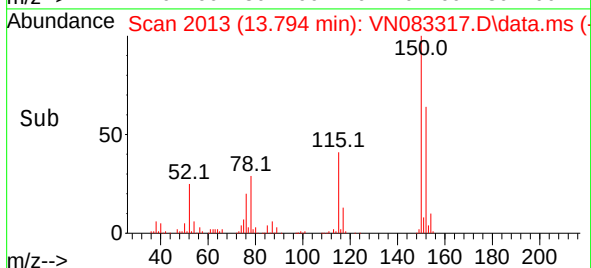
Tgt Ion:173 Resp: 514
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0

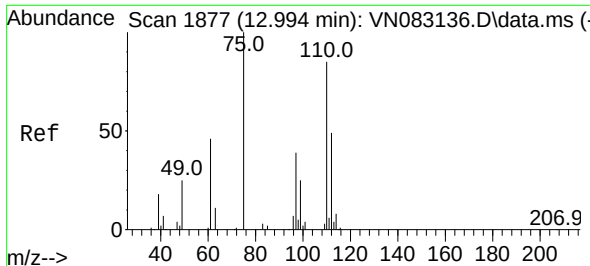


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083317.D
Acq: 14 Aug 2024 21:43



Tgt Ion:152 Resp: 106288
Ion Ratio Lower Upper
152 100
115 64.4 30.6 91.6
150 156.5 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 28.855 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083317.D

Acq: 14 Aug 2024 21:43

Instrument :

MSVOA_N

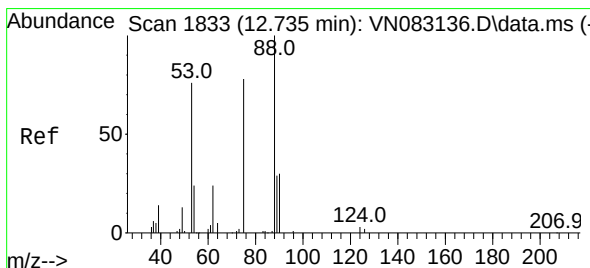
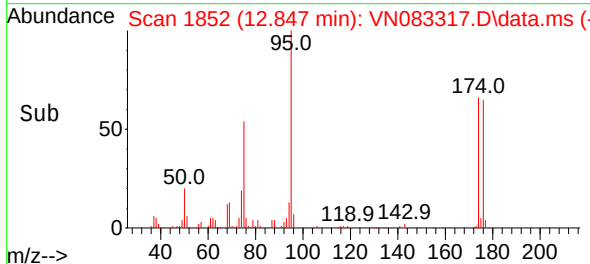
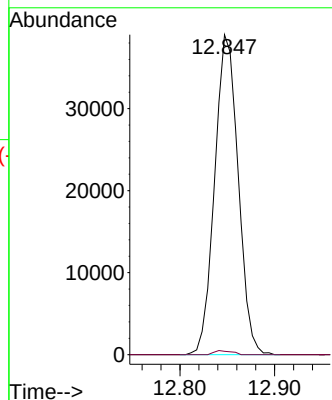
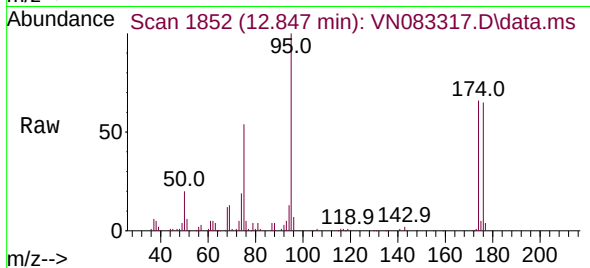
ClientSampleId :

Tgt Ion: 75 Resp: 67311

Ion Ratio Lower Upper

75 100

77 1.0 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.766 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083317.D

Acq: 14 Aug 2024 21:43

Tgt Ion: 75 Resp: 67311

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

