

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083316.D
 Acq On : 14 Aug 2024 21:19
 Operator : JC\MD
 Sample : P3609-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 23:27:56 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)

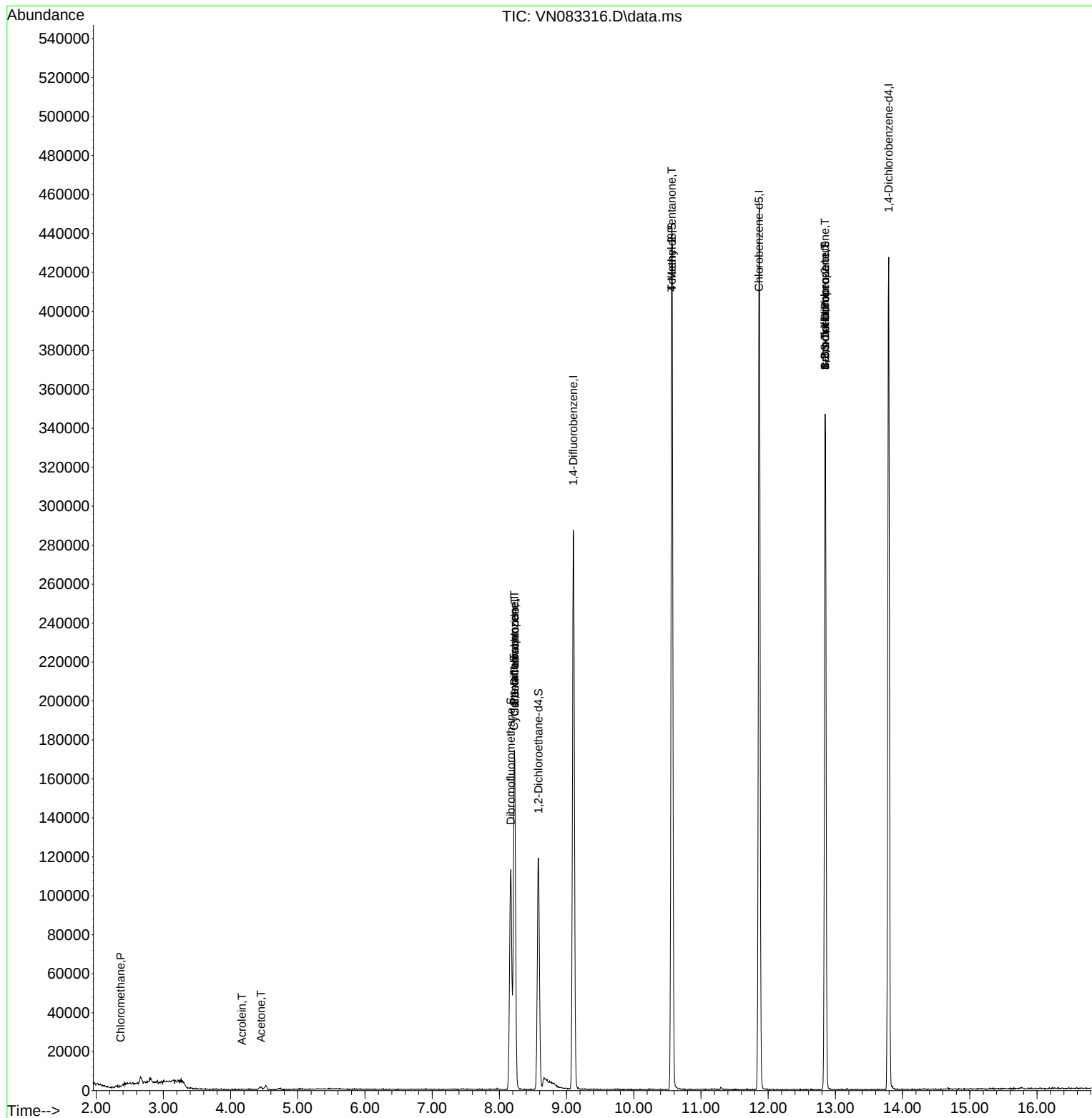
Internal Standards						
1) Pentafluorobenzene	8.224	168	123251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	102801	58.598	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 117.200%		
35) Dibromofluoromethane	8.171	113	81558	54.001	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 108.000%		
50) Toluene-d8	10.565	98	302168	53.634	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.260%		
62) 4-Bromofluorobenzene	12.847	95	125840	57.294	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 114.580%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	473	0.331	ug/l #	43
13) Acrolein	4.171	56	57	0.240	ug/l #	1
16) Acetone	4.453	43	2556	3.723	ug/l #	87
31) Cyclohexane	8.218	56	2864	1.102	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	10751	4.706	ug/l #	51
38) Carbon Tetrachloride	8.230	117	13663	5.310	ug/l #	19
43) Isopropyl Acetate	8.671	43	4467	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1557	0.644	ug/l #	1
71) Bromoform	12.847	173	645	0.432	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	67846	27.835	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67846	60.548	ug/l #	6

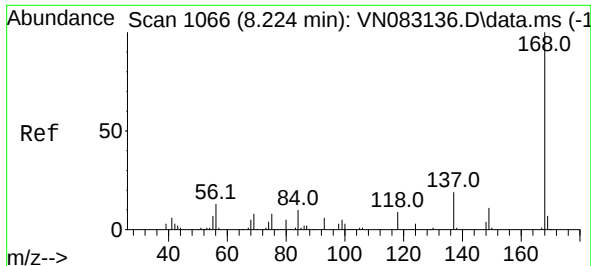
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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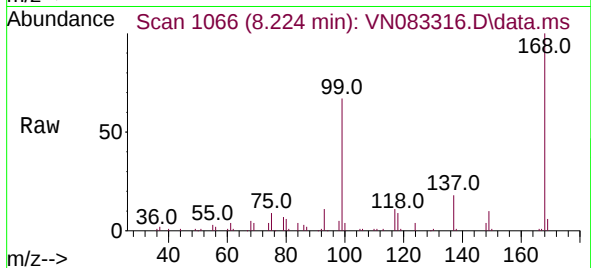
Quant Time: Aug 14 23:27:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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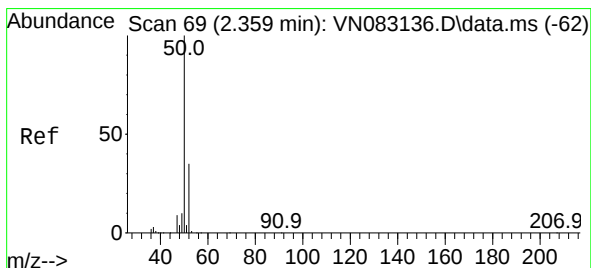
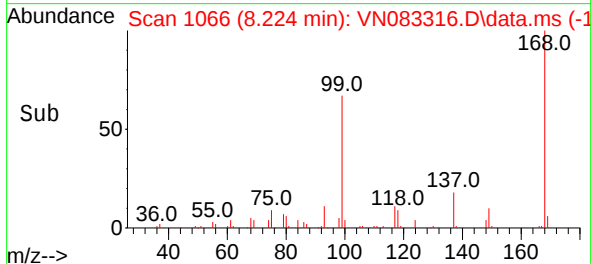
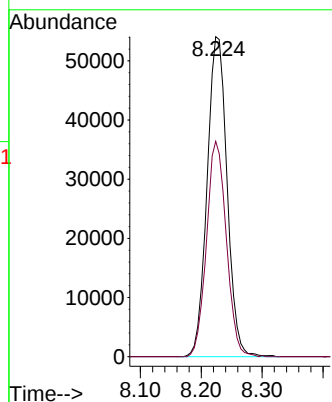


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083316.D
Acq: 14 Aug 2024 21:19

Instrument :
MSVOA_N
ClientSampleId :

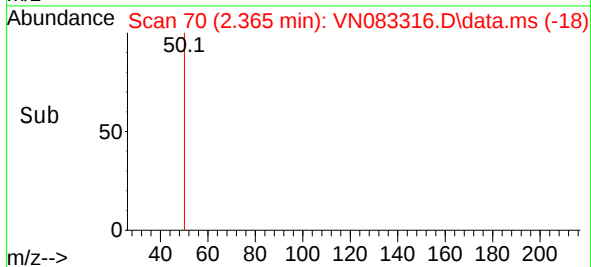
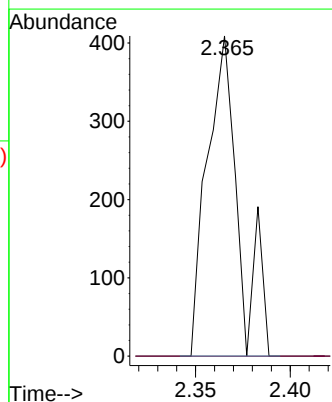
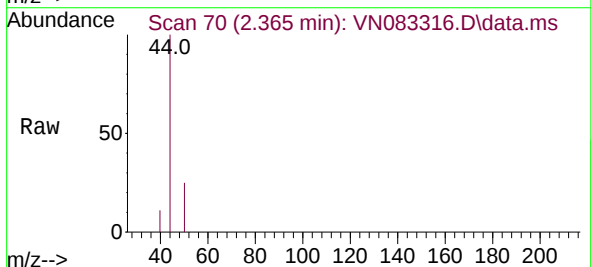


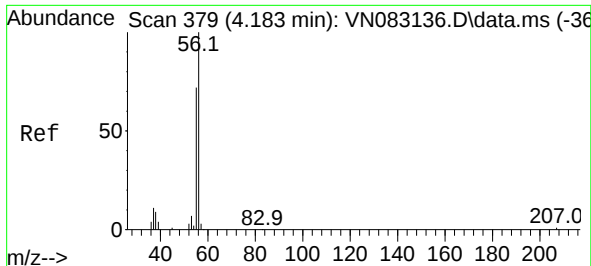
Tgt Ion:168 Resp: 123251
Ion Ratio Lower Upper
168 100
99 67.3 48.2 72.4



#3
Chloromethane
Concen: 0.331 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083316.D
Acq: 14 Aug 2024 21:19

Tgt Ion: 50 Resp: 473
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#13

Acrolein

Concen: 0.240 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.012 min

Lab File: VN083316.D

Acq: 14 Aug 2024 21:19

Instrument :

MSVOA_N

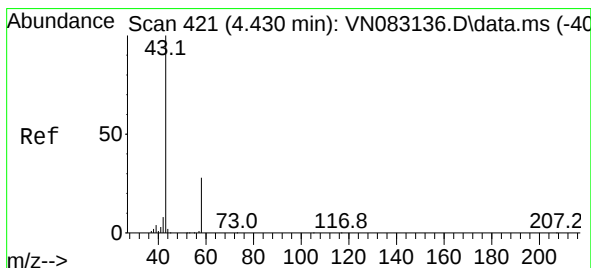
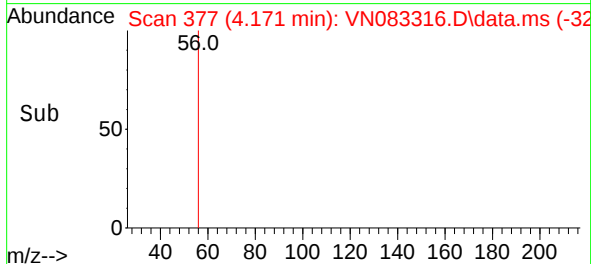
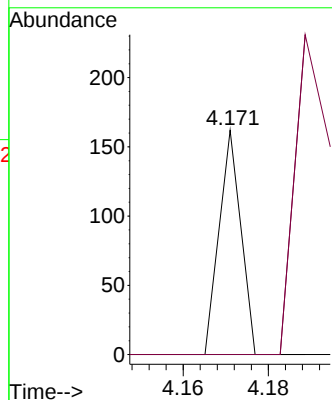
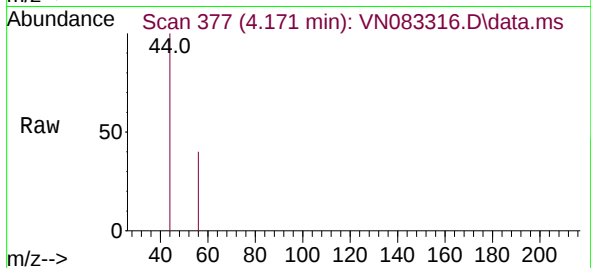
ClientSampleId :

Tgt Ion: 56 Resp: 57

Ion Ratio Lower Upper

56 100

55 329.8 56.4 84.6#



#16

Acetone

Concen: 3.723 ug/l

RT: 4.453 min Scan# 425

Delta R.T. 0.024 min

Lab File: VN083316.D

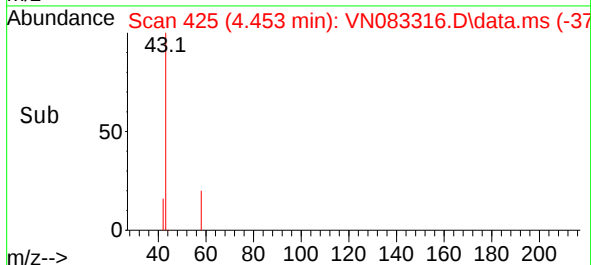
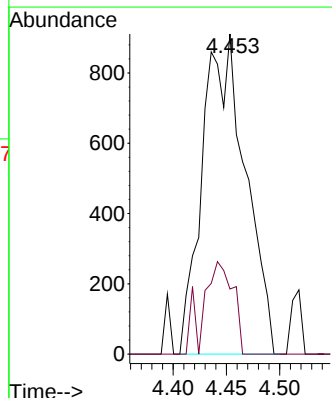
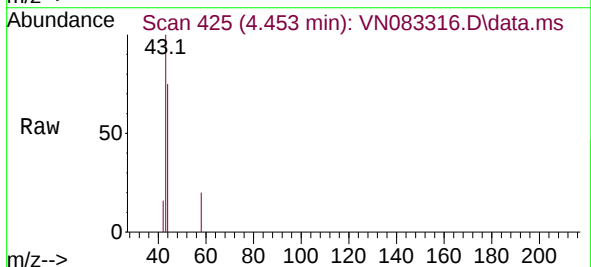
Acq: 14 Aug 2024 21:19

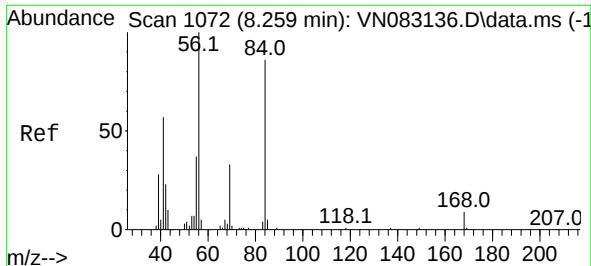
Tgt Ion: 43 Resp: 2556

Ion Ratio Lower Upper

43 100

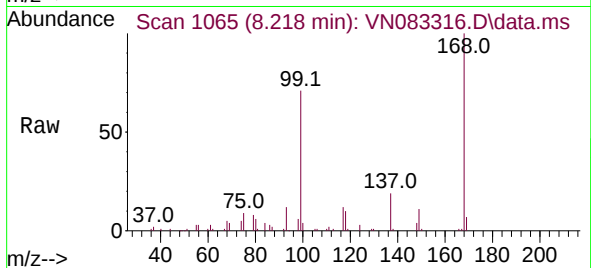
58 20.3 21.8 32.6#



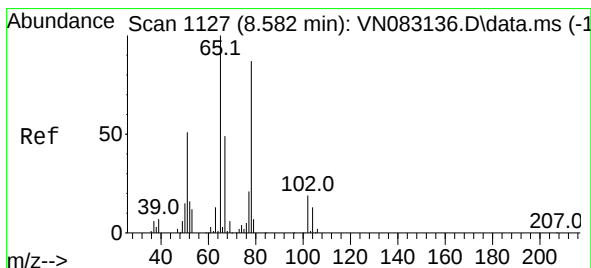
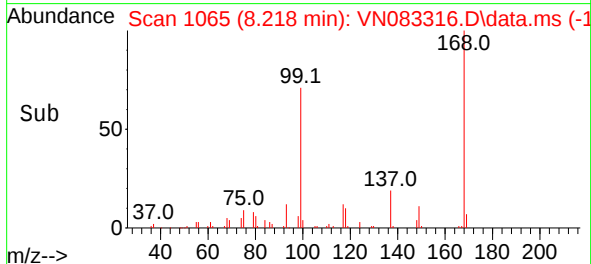
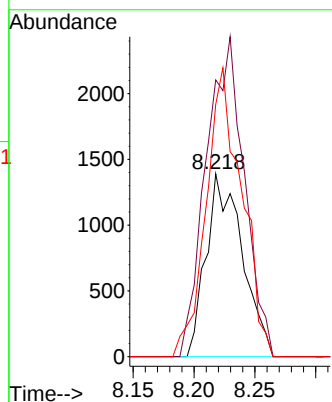


#31
Cyclohexane
Concen: 1.102 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083316.D
Acq: 14 Aug 2024 21:19

Instrument :
MSVOA_N
ClientSampleId :

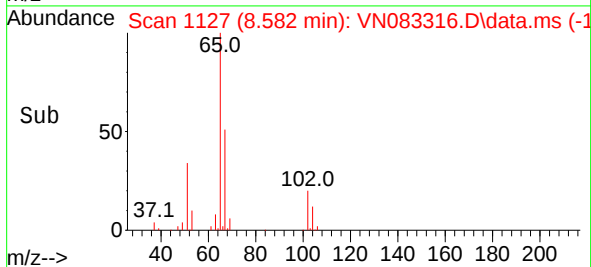
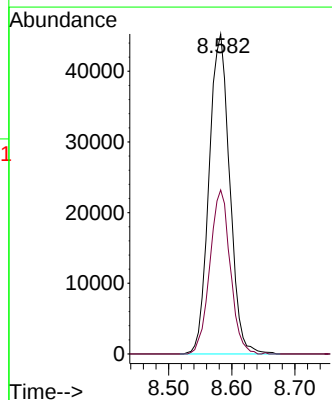
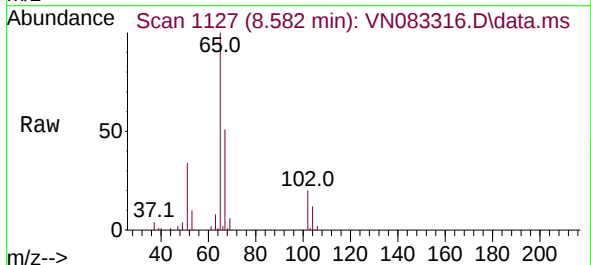


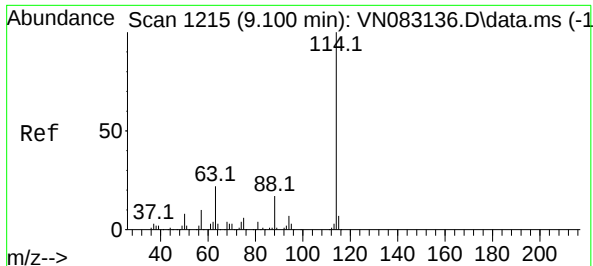
Tgt Ion: 56 Resp: 2864
Ion Ratio Lower Upper
56 100
69 151.3 24.5 36.7#
84 137.9 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 58.598 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083316.D
Acq: 14 Aug 2024 21:19

Tgt Ion: 65 Resp: 102801
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.4

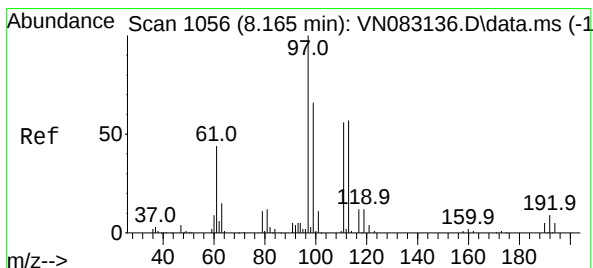
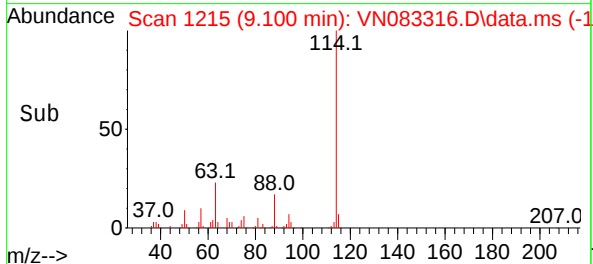
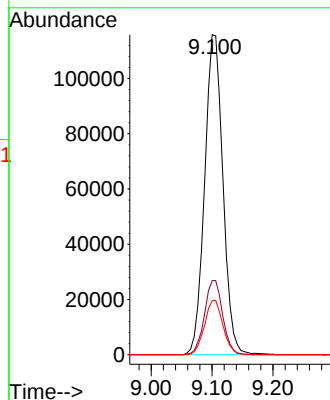
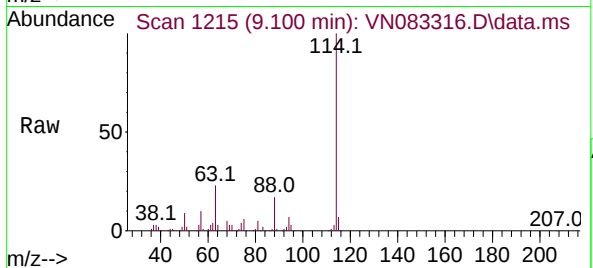




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083316.D
Acq: 14 Aug 2024 21:19

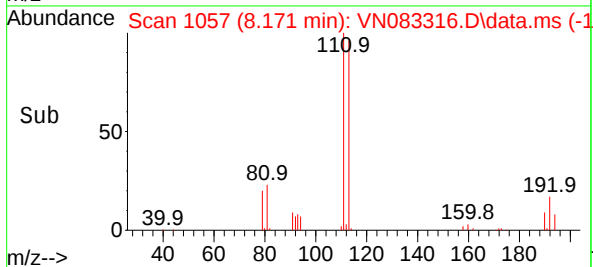
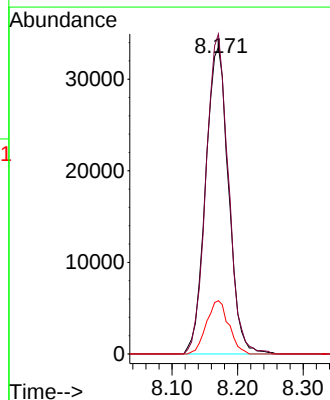
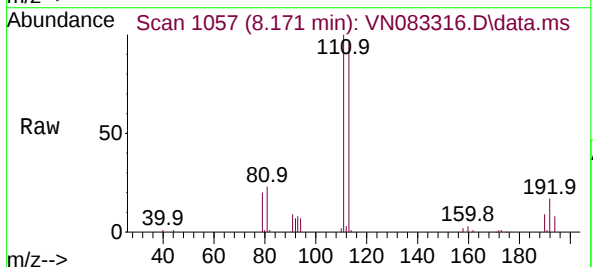
Instrument :
MSVOA_N
ClientSampleId :

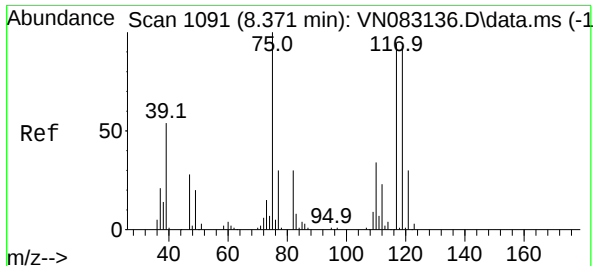
Tgt Ion:114 Resp: 241969
Ion Ratio Lower Upper
114 100
63 23.2 0.0 44.6
88 16.8 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.001 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083316.D
Acq: 14 Aug 2024 21:19

Tgt Ion:113 Resp: 81558
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 16.8 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.706 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083316.D

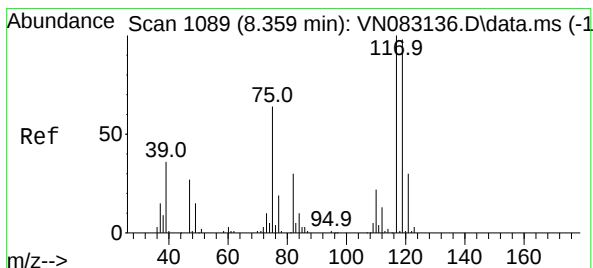
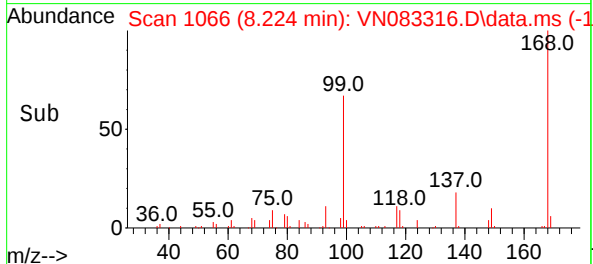
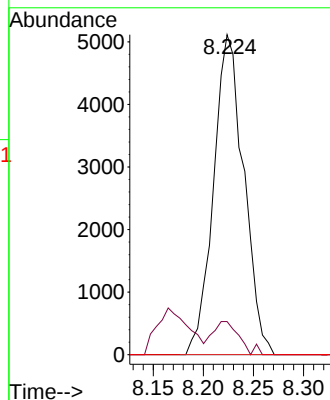
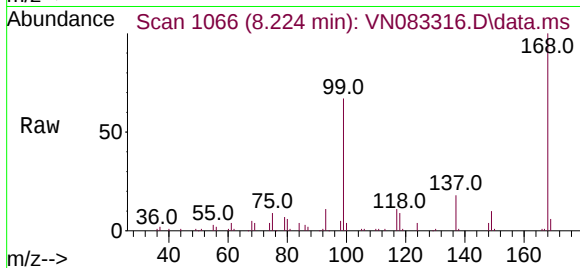
Acq: 14 Aug 2024 21:19

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	10751
Ion	Ratio	Lower	Upper
75	100		
110	9.2	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.310 ug/l

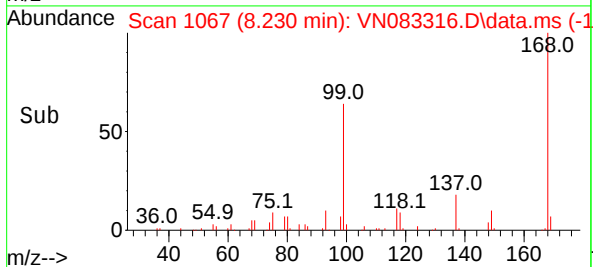
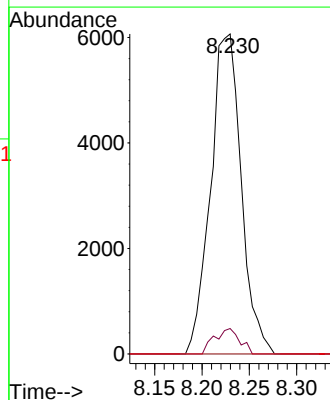
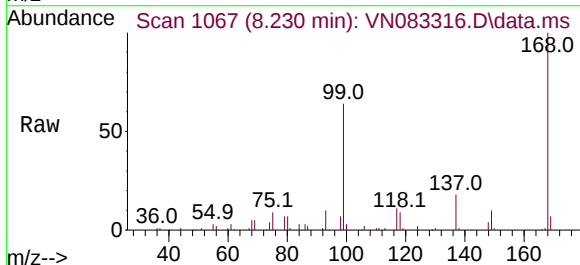
RT: 8.230 min Scan# 1067

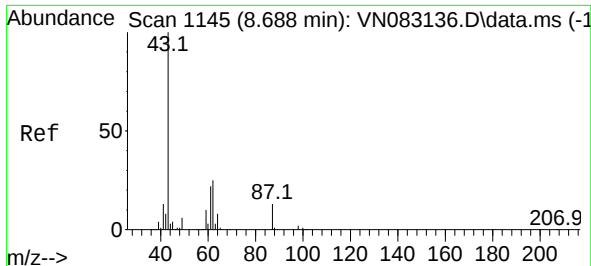
Delta R.T. -0.129 min

Lab File: VN083316.D

Acq: 14 Aug 2024 21:19

Tgt Ion:	117	Resp:	13663
Ion	Ratio	Lower	Upper
117	100		
119	7.9	74.9	112.3#
121	0.0	24.3	36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.671 min Scan# 1145

Delta R.T. -0.017 min

Lab File: VN083316.D

Acq: 14 Aug 2024 21:19

Instrument :

MSVOA_N

ClientSampleId :

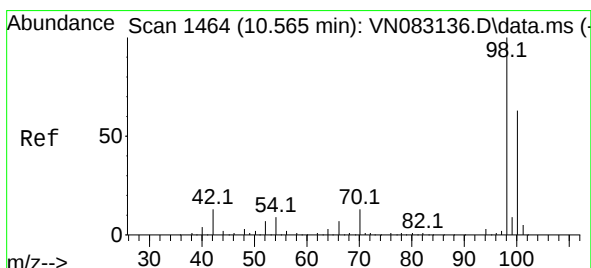
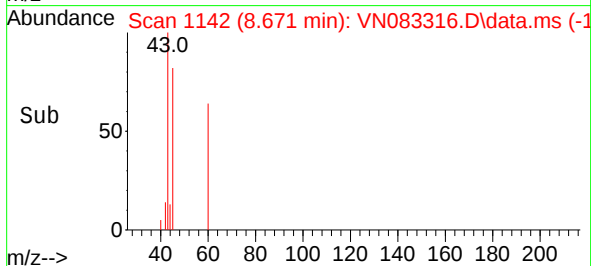
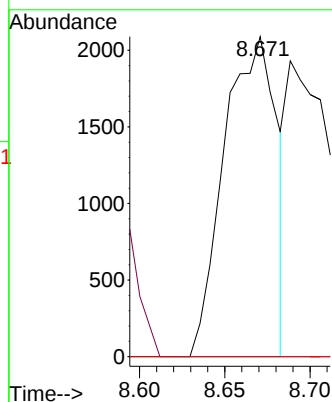
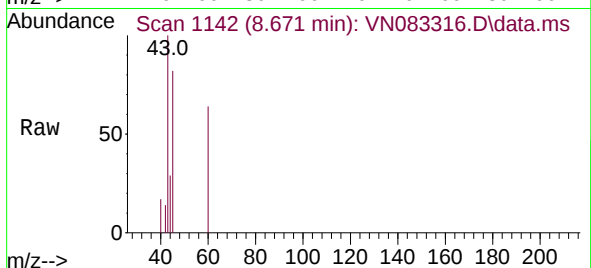
Tgt Ion: 43 Resp: 4467

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#50

Toluene-d8

Concen: 53.634 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083316.D

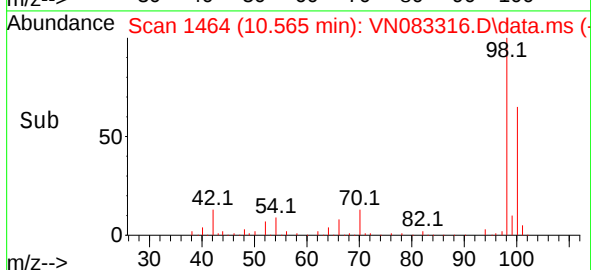
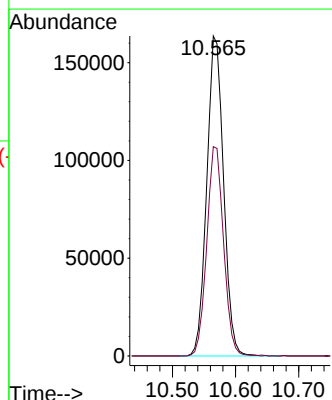
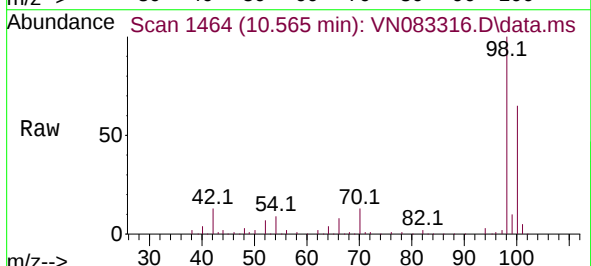
Acq: 14 Aug 2024 21:19

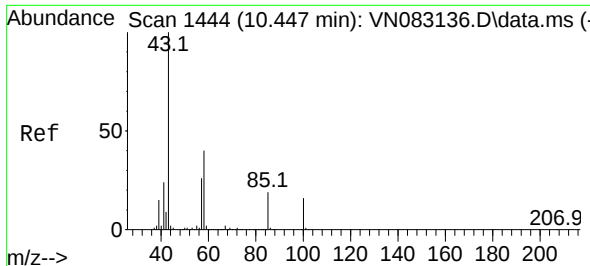
Tgt Ion: 98 Resp: 302168

Ion Ratio Lower Upper

98 100

100 65.5 51.5 77.3

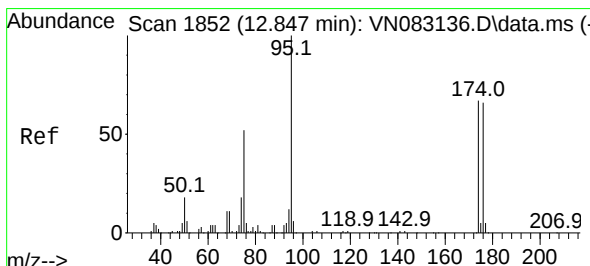
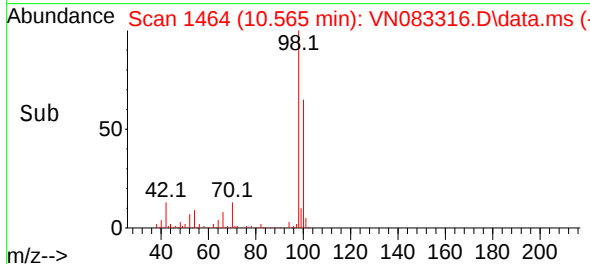
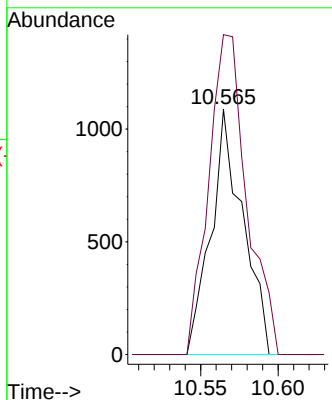
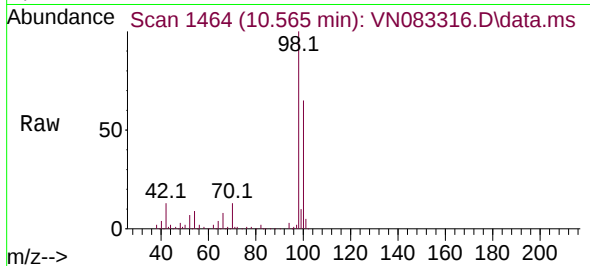




#51
4-Methyl-2-Pentanone
Concen: 0.644 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083316.D
Acq: 14 Aug 2024 21:19

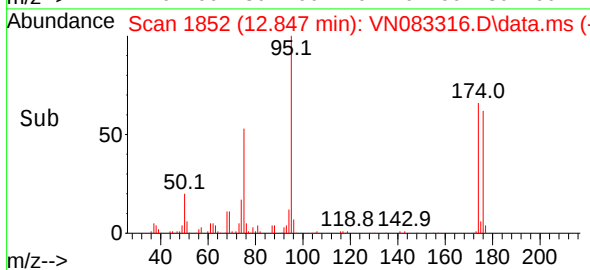
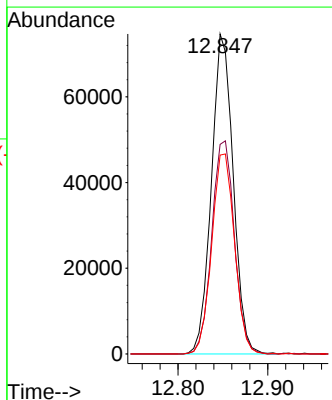
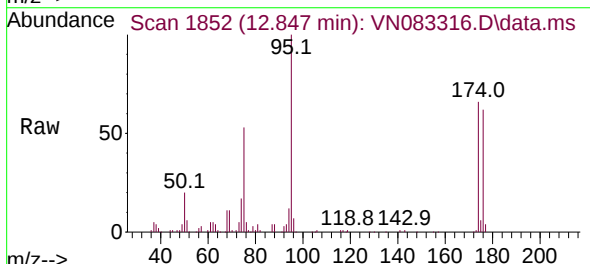
Instrument :
MSVOA_N
ClientSampleId :

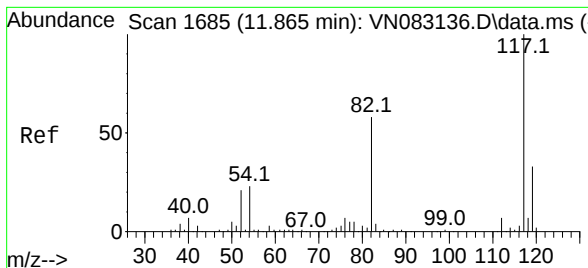
Tgt Ion: 43 Resp: 1557
Ion Ratio Lower Upper
43 100
58 156.0 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 57.294 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083316.D
Acq: 14 Aug 2024 21:19

Tgt Ion: 95 Resp: 125840
Ion Ratio Lower Upper
95 100
174 69.2 0.0 159.2
176 65.6 0.0 147.6

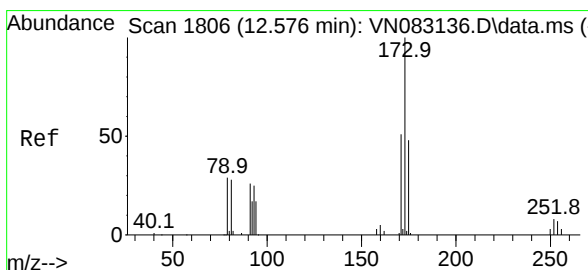
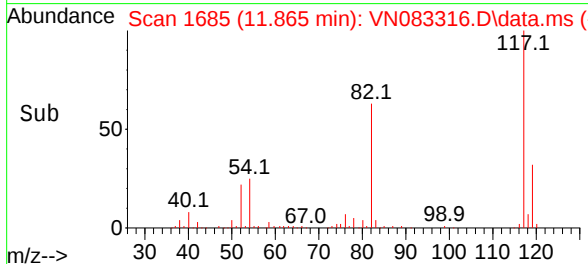
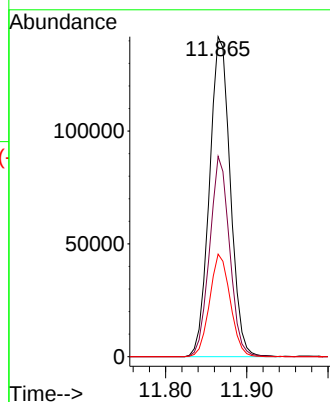
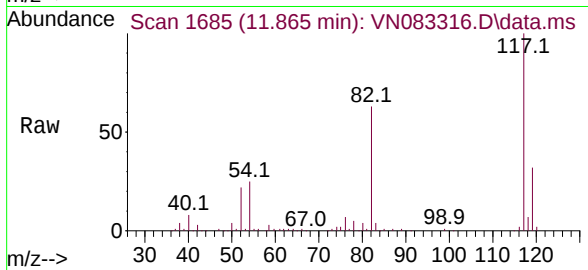




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083316.D
Acq: 14 Aug 2024 21:19

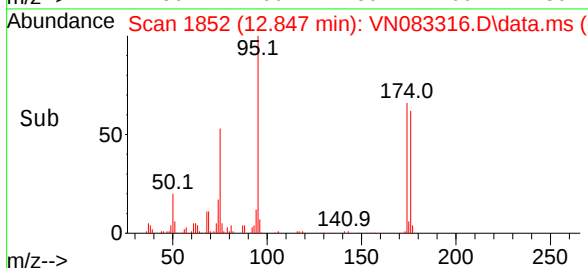
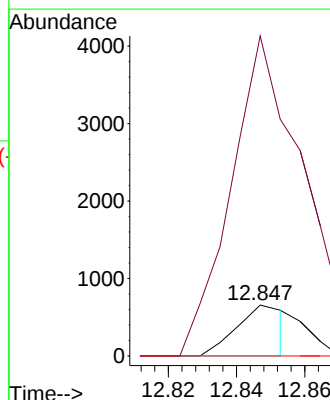
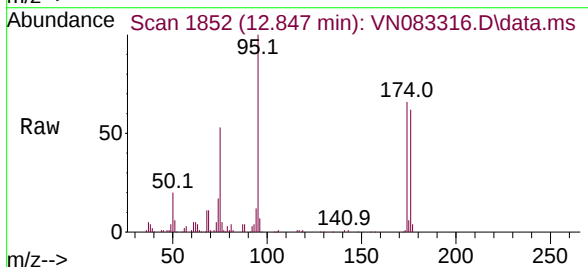
Instrument :
MSVOA_N
ClientSampleId :

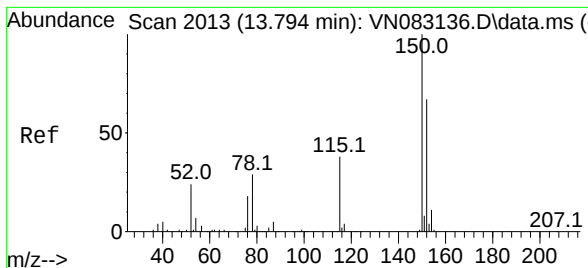
Tgt Ion:117 Resp: 252623
Ion Ratio Lower Upper
117 100
82 62.6 47.5 71.3
119 32.1 25.6 38.4



#71
Bromoform
Concen: 0.432 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN083316.D
Acq: 14 Aug 2024 21:19

Tgt Ion:173 Resp: 645
Ion Ratio Lower Upper
173 100
175 661.9 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: VN083316.D

Acq: 14 Aug 2024 21:19

Instrument :

MSVOA_N

ClientSampleId :

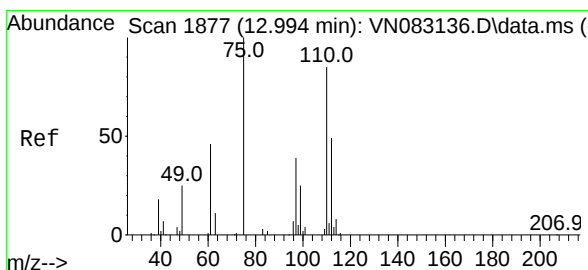
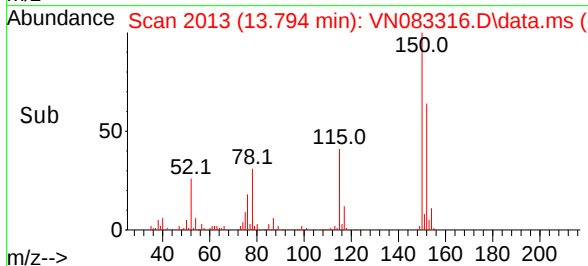
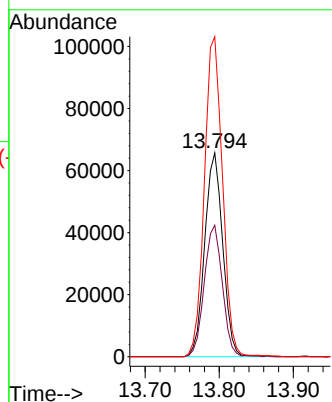
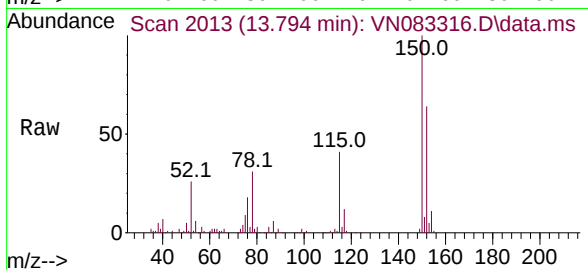
Tgt Ion:152 Resp: 111058

Ion Ratio Lower Upper

152 100

115 64.8 30.6 91.6

150 157.6 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 27.835 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083316.D

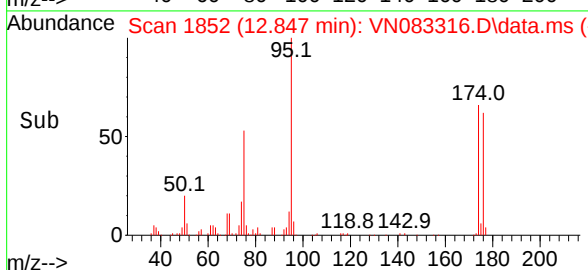
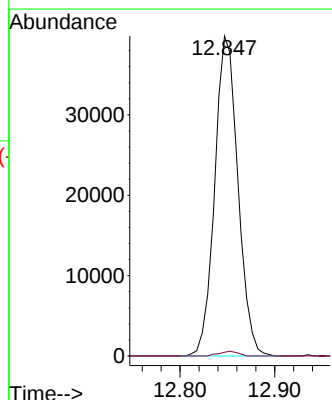
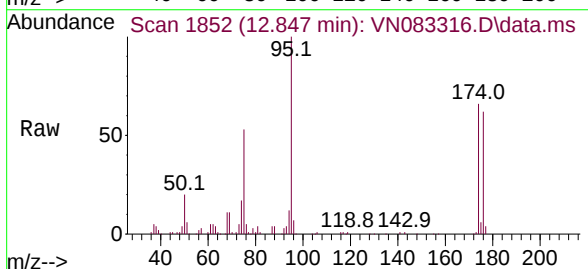
Acq: 14 Aug 2024 21:19

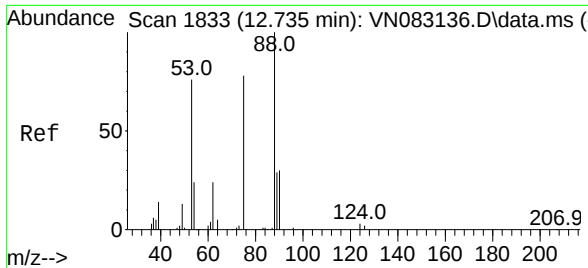
Tgt Ion: 75 Resp: 67846

Ion Ratio Lower Upper

75 100

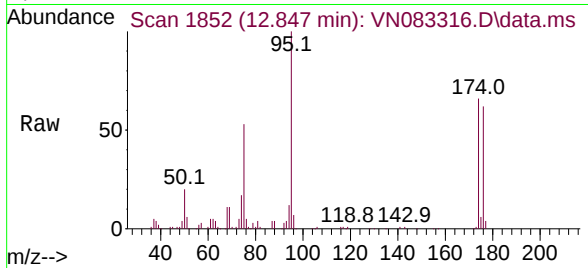
77 1.2 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.548 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083316.D
 Acq: 14 Aug 2024 21:19

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 67846
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

