

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083342.D
 Acq On : 15 Aug 2024 19:39
 Operator : JC\MD
 Sample : P3628-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 371

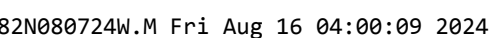
Quant Time: Aug 16 03:59:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

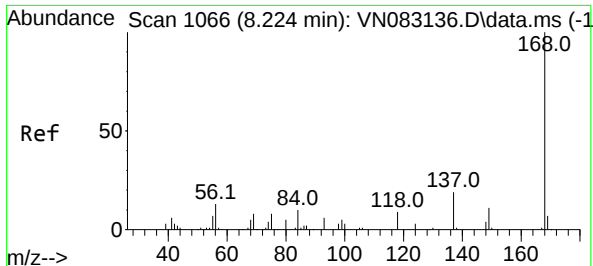
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	116233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	227508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	98765	59.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 119.400%		
35) Dibromofluoromethane	8.171	113	78885	55.551	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 111.100%		
50) Toluene-d8	10.565	98	288367	54.438	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 108.880%		
62) 4-Bromofluorobenzene	12.847	95	113612	55.014	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 110.020%		
Target Compounds						Qvalue
6) Chloroethane	3.124	64	384	0.446	ug/l #	41
13) Acrolein	4.195	56	67	0.299	ug/l #	14
16) Acetone	4.430	43	348	0.538	ug/l #	48
20) Methylene Chloride	5.271	84	659	0.442	ug/l #	59
31) Cyclohexane	8.230	56	2965	1.209	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	11037	5.138	ug/l #	51
38) Carbon Tetrachloride	8.230	117	12487	5.161	ug/l #	16
43) Isopropyl Acetate	8.712	43	1115	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1173	0.516	ug/l #	1
71) Bromoform	12.847	173	651	0.470	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	62253	28.905	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62253	62.875	ug/l #	6

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

Quant Time: Aug 16 03:59:59 2024
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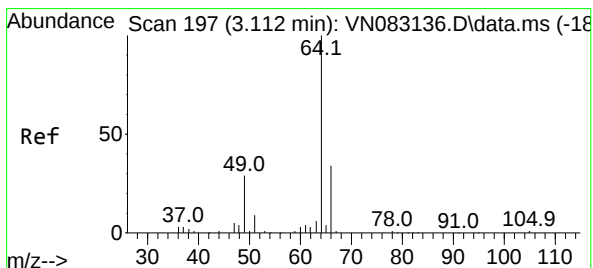
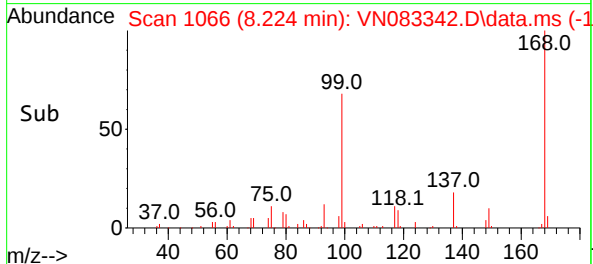
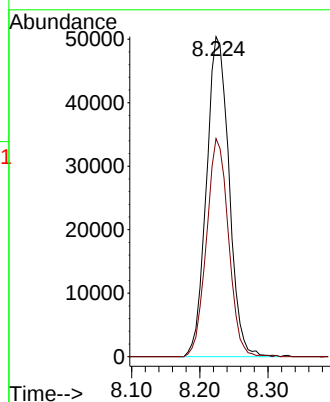
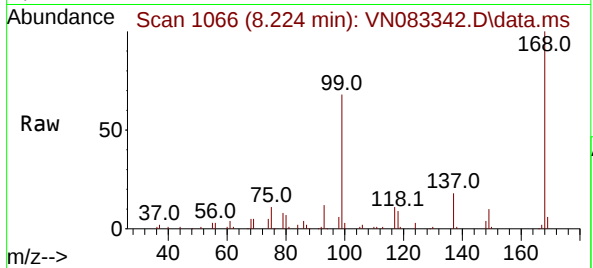




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083342.D
Acq: 15 Aug 2024 19:39

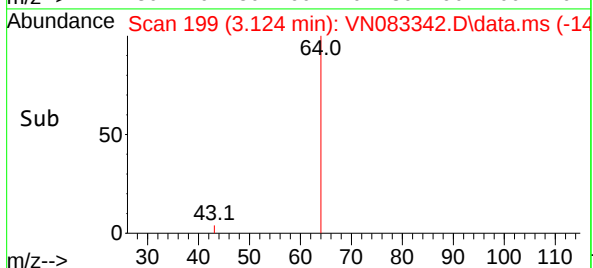
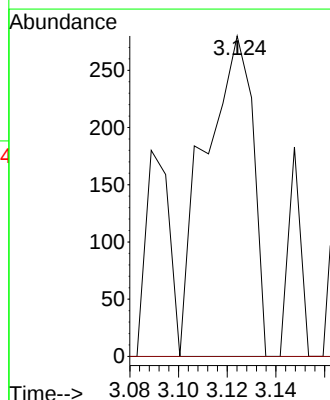
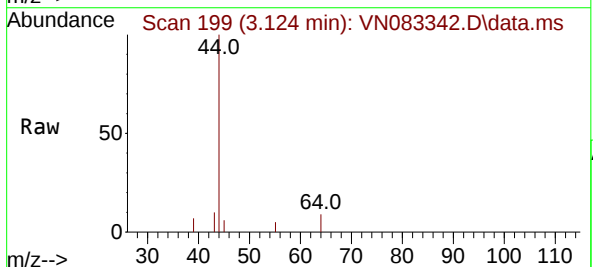
Instrument :
MSVOA_N
ClientSampleId :
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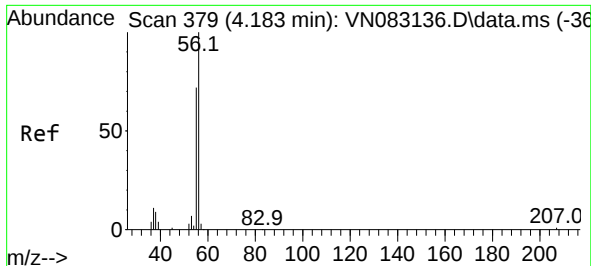
Tgt Ion:168 Resp: 116233
Ion Ratio Lower Upper
168 100
99 68.1 48.2 72.4



#6
Chloroethane
Concen: 0.446 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN083342.D
Acq: 15 Aug 2024 19:39

Tgt Ion: 64 Resp: 384
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#

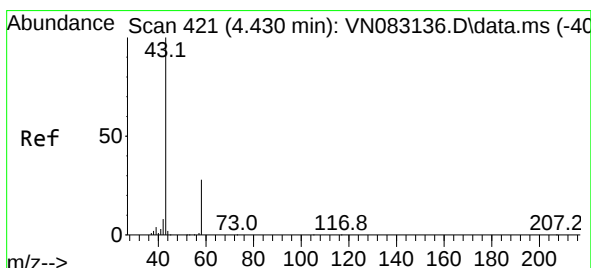
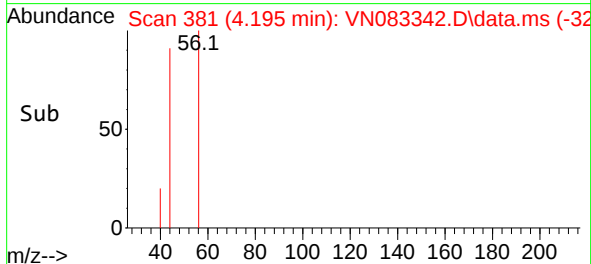
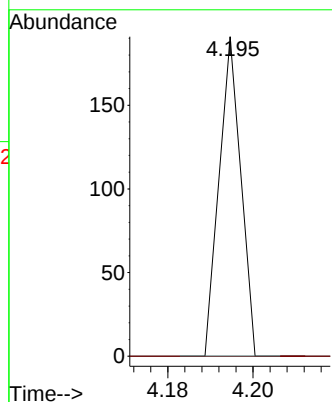
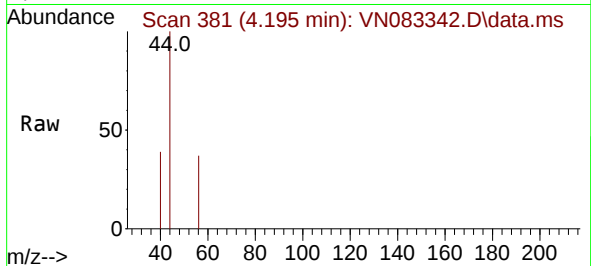




#13
Acrolein
Concen: 0.299 ug/l
RT: 4.195 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN083342.D
Acq: 15 Aug 2024 19:39

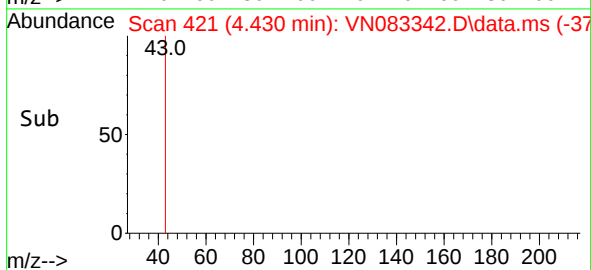
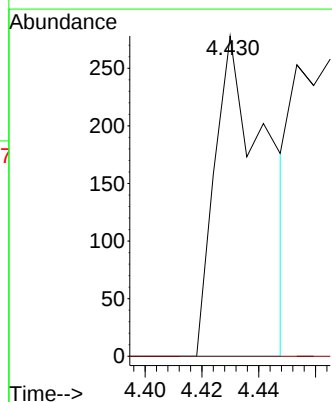
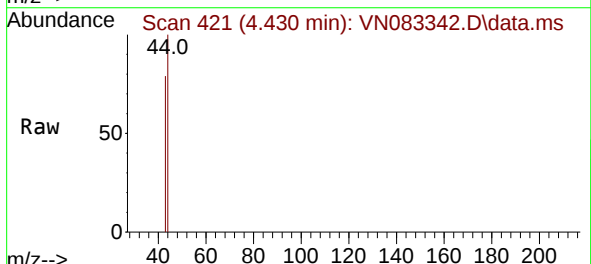
Instrument :
MSVOA_N
ClientSampleId :
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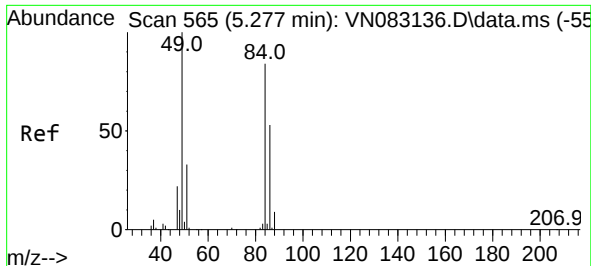
Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 0.538 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083342.D
Acq: 15 Aug 2024 19:39

Tgt Ion: 43 Resp: 348
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

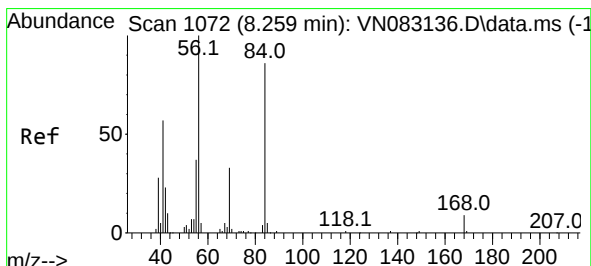
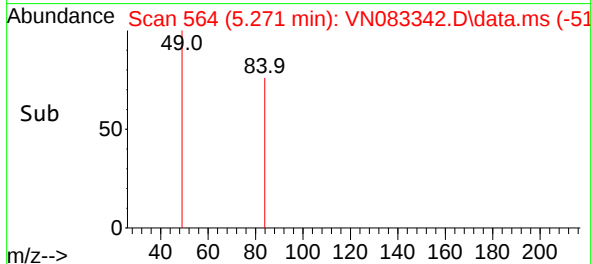
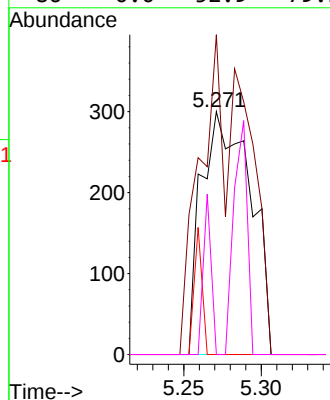
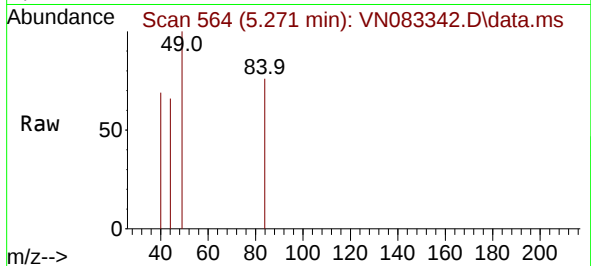




#20
Methylene Chloride
Concen: 0.442 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083342.D
Acq: 15 Aug 2024 19:39

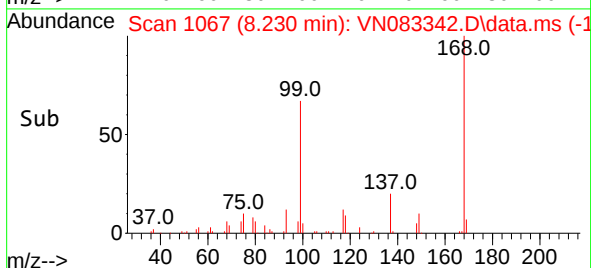
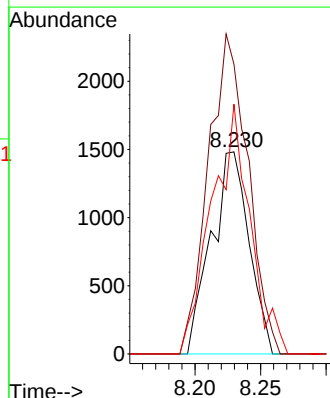
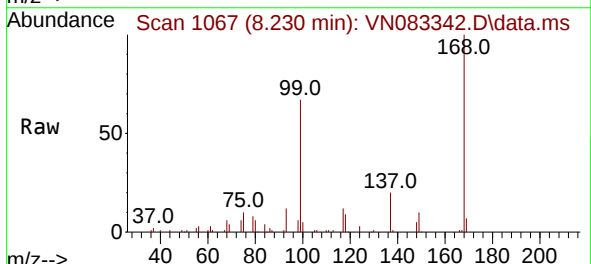
Instrument :
MSVOA_N
ClientSampleId :
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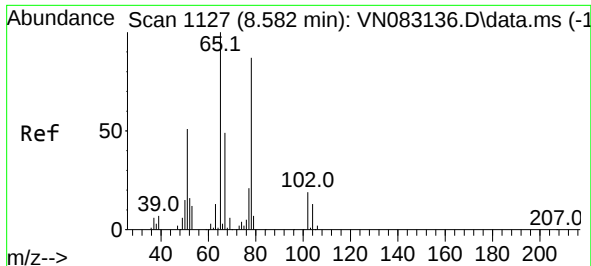
Tgt Ion:	84	Resp:	659
Ion	Ratio	Lower	Upper
84	100		
49	131.7	119.6	179.4
51	0.0	34.8	52.2#
86	0.0	52.9	79.3#



#31
Cyclohexane
Concen: 1.209 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083342.D
Acq: 15 Aug 2024 19:39

Tgt Ion:	56	Resp:	2965
Ion	Ratio	Lower	Upper
56	100		
69	143.4	24.5	36.7#
84	136.0	66.0	99.0#





#33

1,2-Dichloroethane-d4

Concen: 59.697 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083342.D

Acq: 15 Aug 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

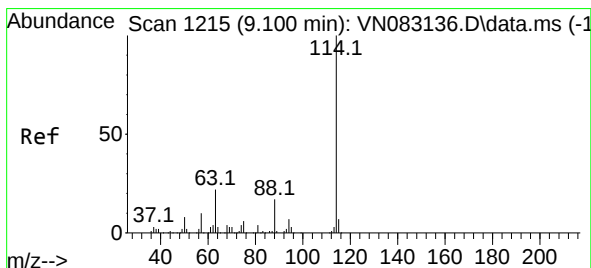
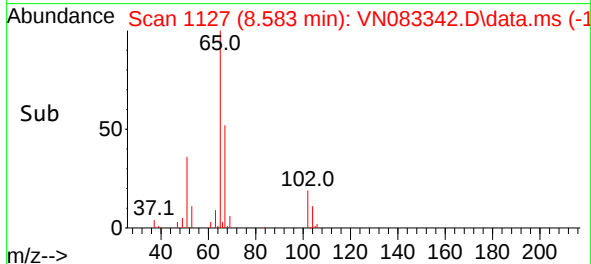
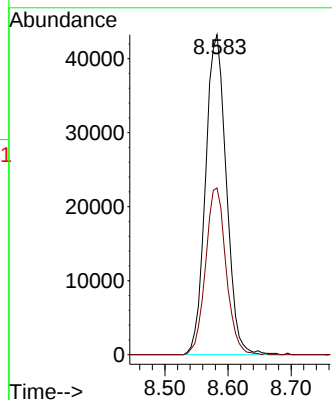
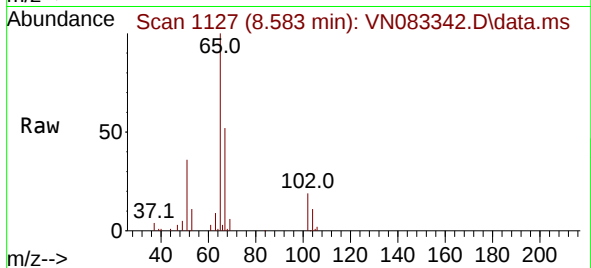
371

Tgt Ion: 65 Resp: 98765

Ion Ratio Lower Upper

65 100

67 51.4 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: VN083342.D

Acq: 15 Aug 2024 19:39

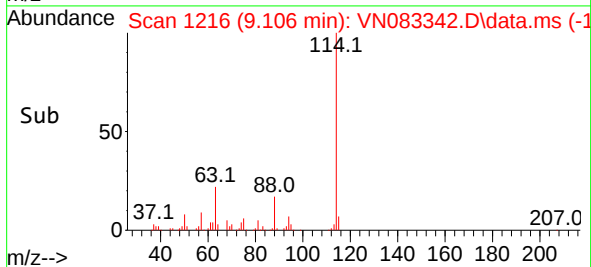
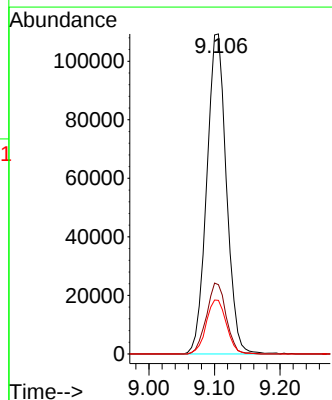
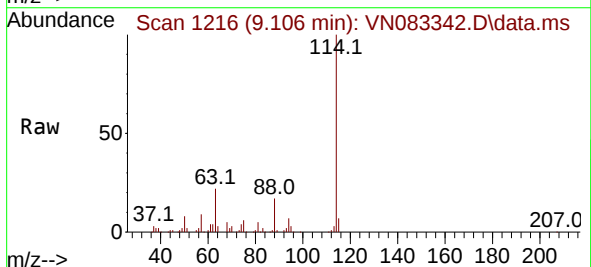
Tgt Ion: 114 Resp: 227508

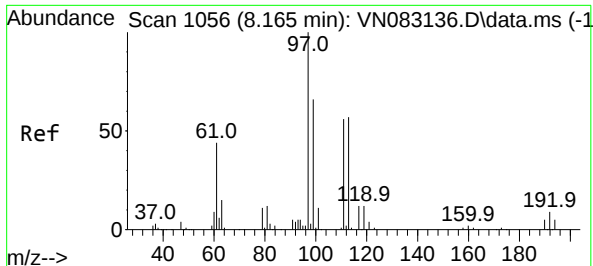
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.6

88 16.7 0.0 31.4

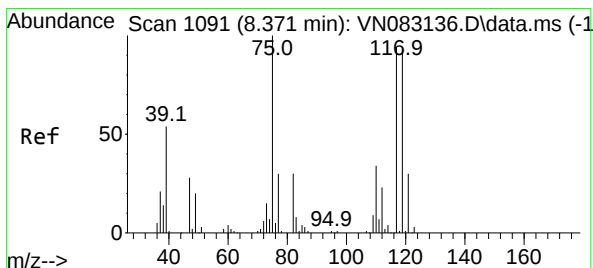
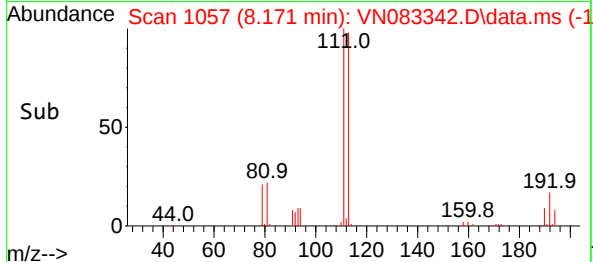
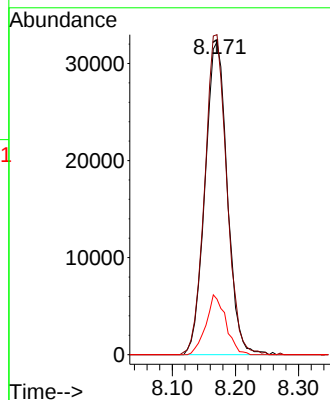
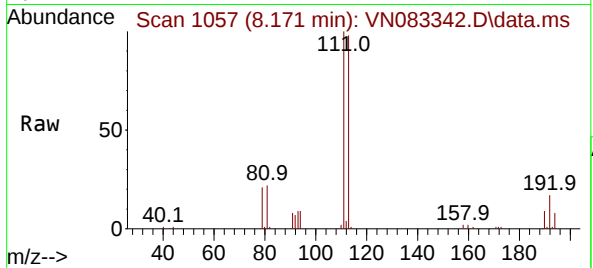




#35
Dibromofluoromethane
Concen: 55.551 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN083342.D
Acq: 15 Aug 2024 19:39

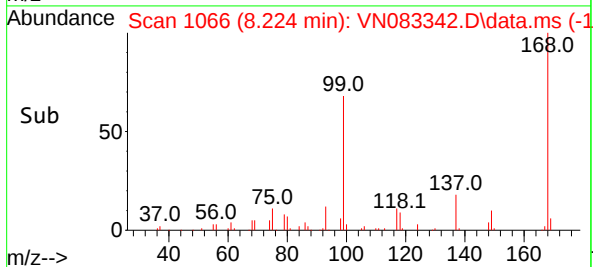
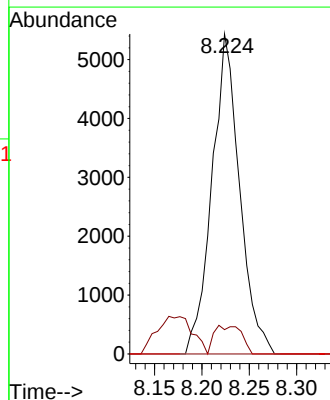
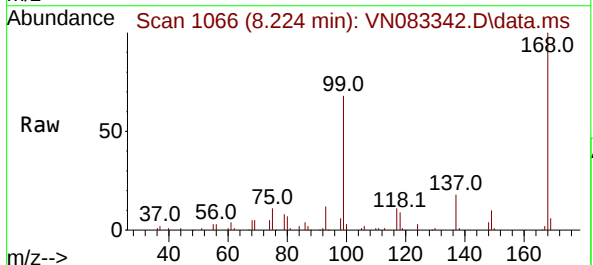
Instrument :
MSVOA_N
ClientSampleId :
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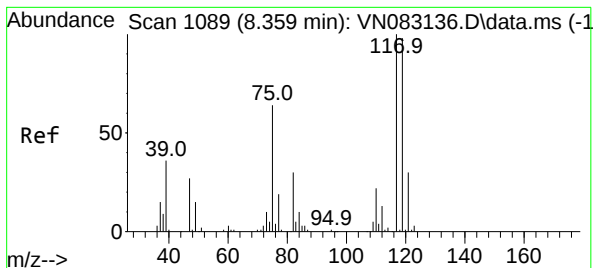
Tgt Ion:113 Resp: 78885
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 17.1 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.138 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN083342.D
Acq: 15 Aug 2024 19:39

Tgt Ion: 75 Resp: 11037
Ion Ratio Lower Upper
75 100
110 8.7 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.161 ug/l

RT: 8.230 min Scan# 1107

Delta R.T. -0.129 min

Lab File: VN083342.D

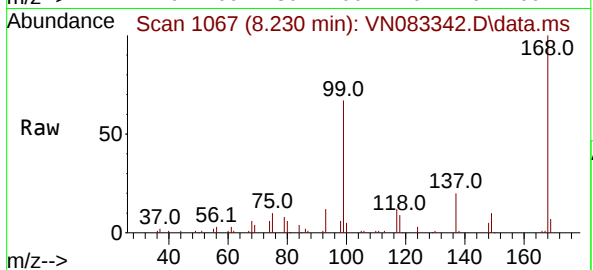
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Instrument :

MSVOA_N

ClientSampleId :

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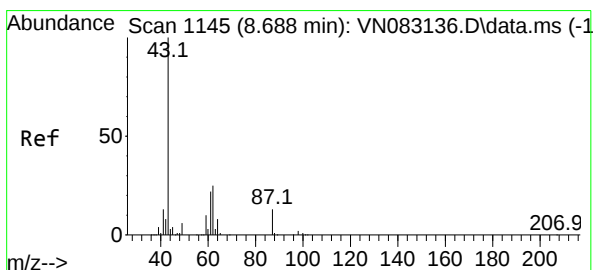
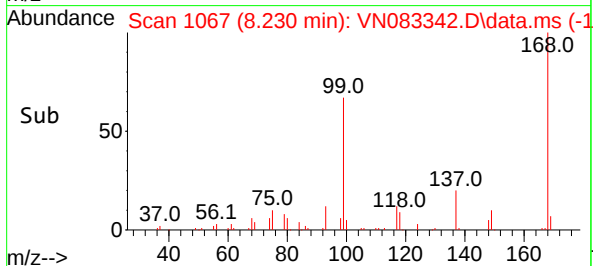
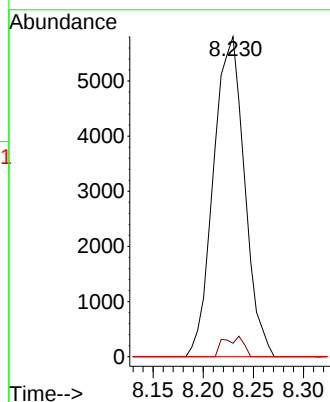
Tgt Ion:117 Resp: 12487

Ion Ratio Lower Upper

117 100

119 4.2 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.712 min Scan# 1149

Delta R.T. 0.024 min

Lab File: VN083342.D

Acq: 15 Aug 2024 19:39

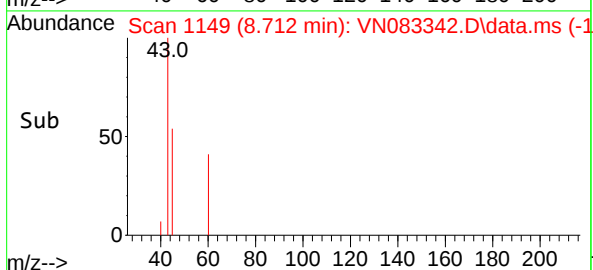
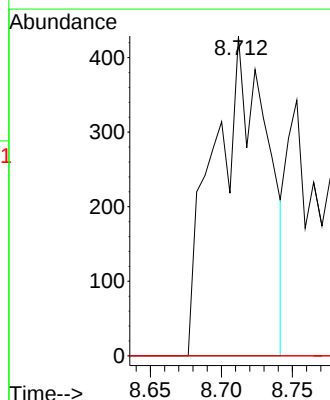
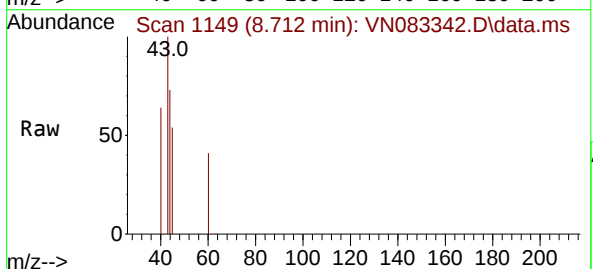
Tgt Ion: 43 Resp: 1115

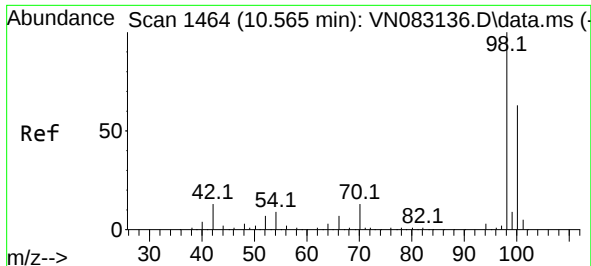
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

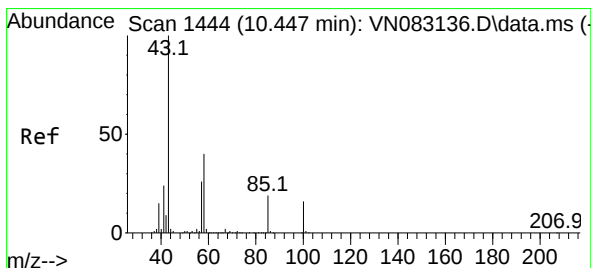
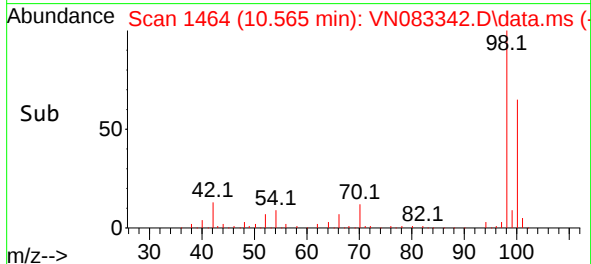
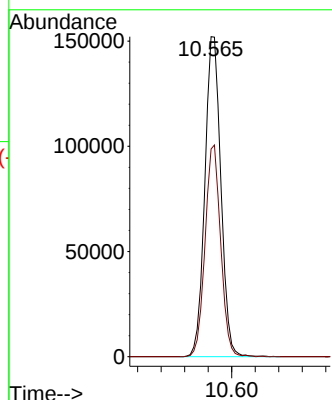
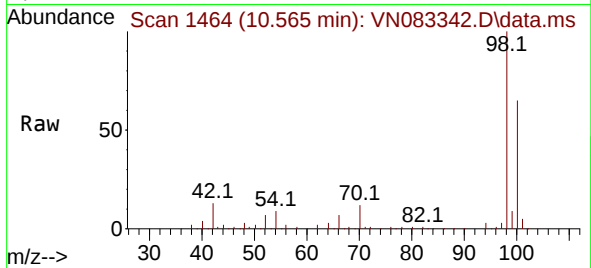




#50
Toluene-d8
Concen: 54.438 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083342.D
Acq: 15 Aug 2024 19:39

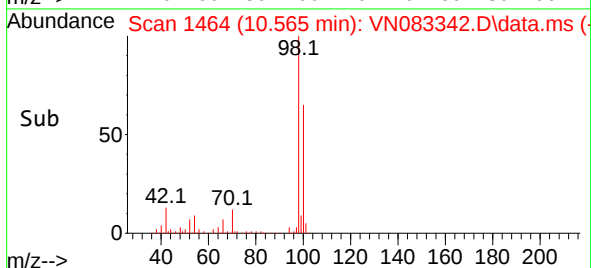
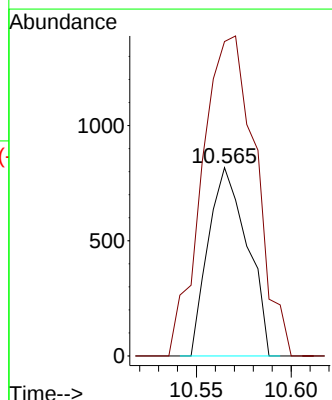
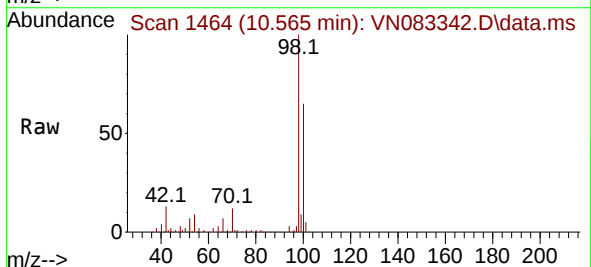
Instrument :
MSVOA_N
ClientSampleId :
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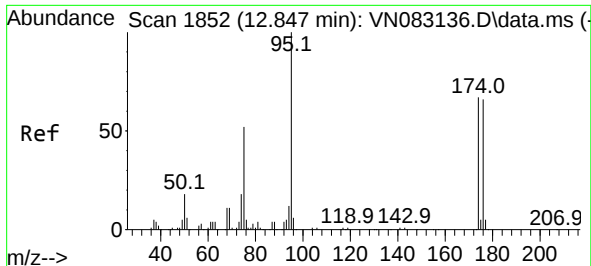
Tgt Ion: 98 Resp: 288367
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.516 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083342.D
Acq: 15 Aug 2024 19:39

Tgt Ion: 43 Resp: 1173
Ion Ratio Lower Upper
43 100
58 232.8 28.2 42.4#

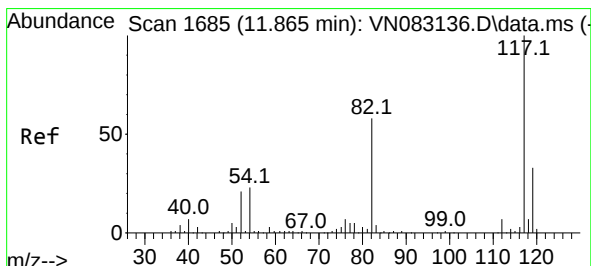
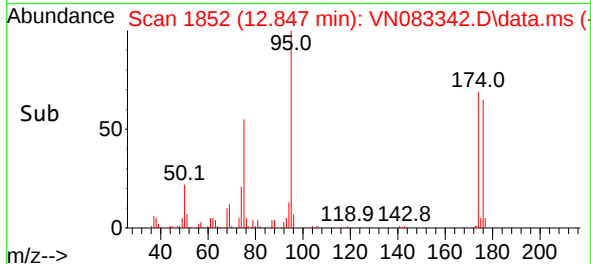
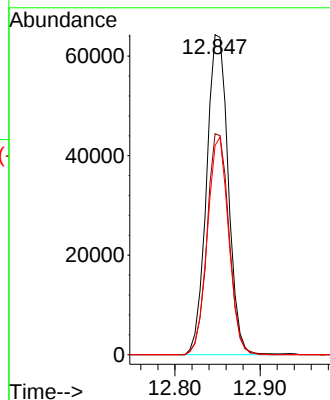
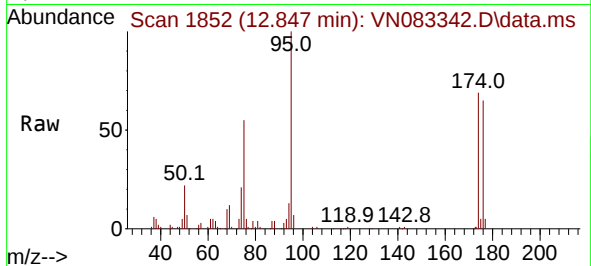




#62
4-Bromofluorobenzene
Concen: 55.014 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083342.D
Acq: 15 Aug 2024 19:39

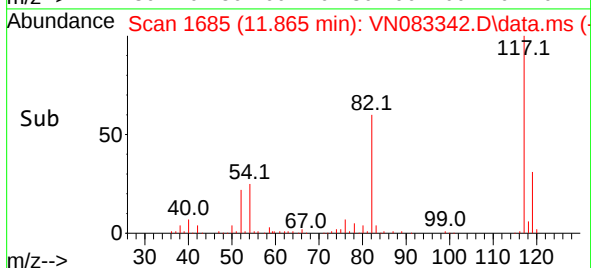
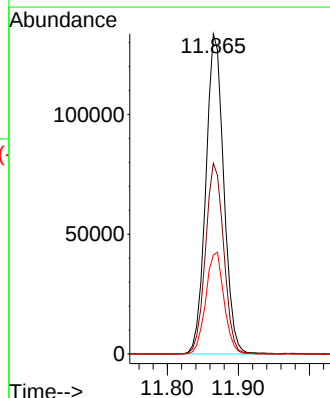
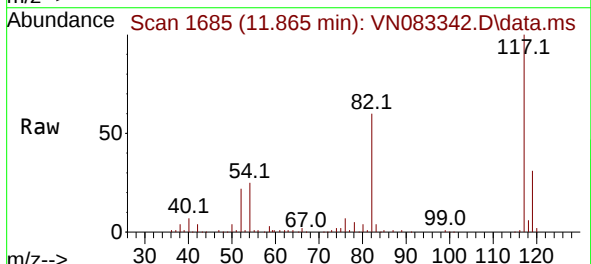
Instrument :
MSVOA_N
ClientSampleId :
371

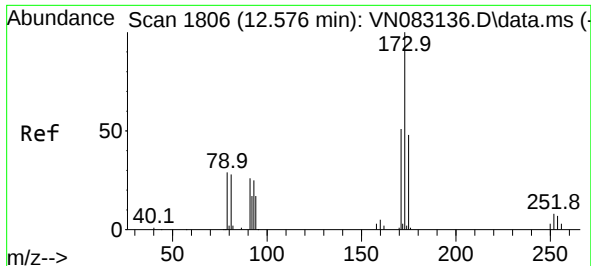
Tgt Ion: 95 Resp: 113612
Ion Ratio Lower Upper
95 100
174 69.6 0.0 159.2
176 66.8 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083342.D
Acq: 15 Aug 2024 19:39

Tgt Ion: 117 Resp: 234743
Ion Ratio Lower Upper
117 100
82 59.6 47.5 71.3
119 30.9 25.6 38.4

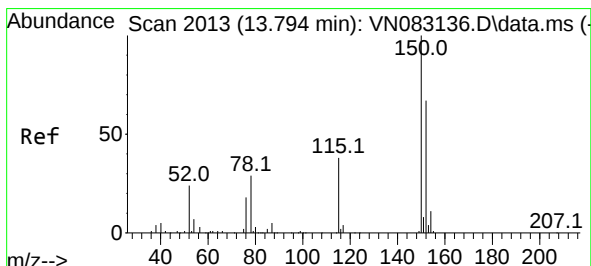
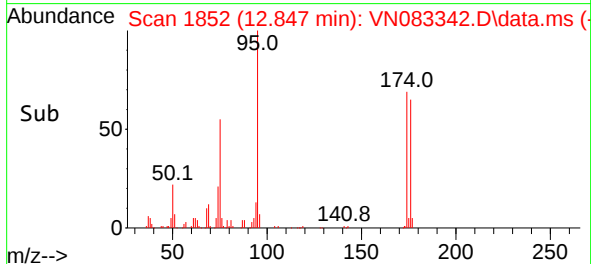
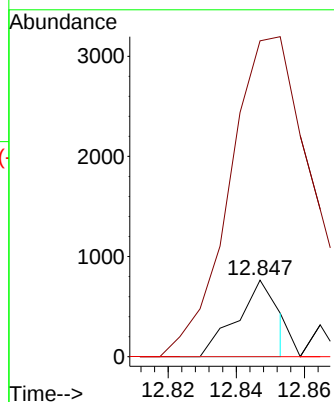
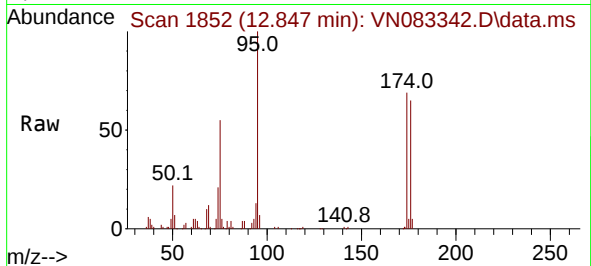




#71
Bromoform
Concen: 0.470 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN083342.D
Acq: 15 Aug 2024 19:39

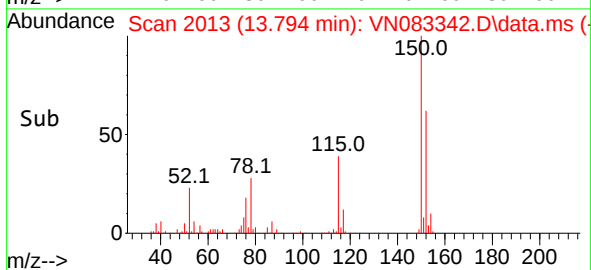
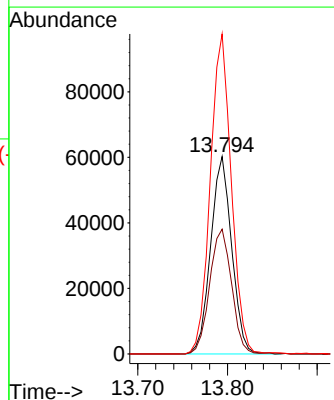
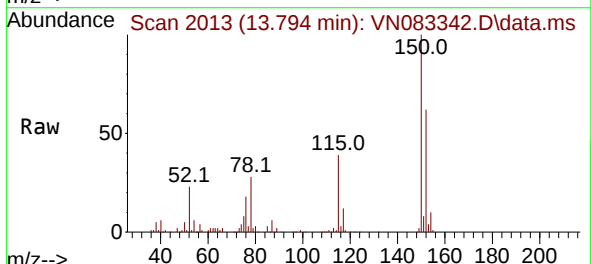
Instrument :
MSVOA_N
ClientSampleId :
371

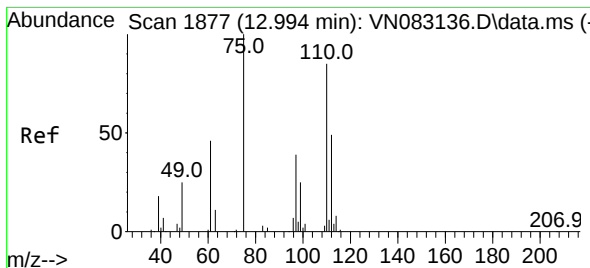
Tgt Ion:173 Resp: 651
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083342.D
Acq: 15 Aug 2024 19:39

Tgt Ion:152 Resp: 98131
Ion Ratio Lower Upper
152 100
115 65.9 30.6 91.6
150 161.6 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 28.905 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083342.D

Acq: 15 Aug 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

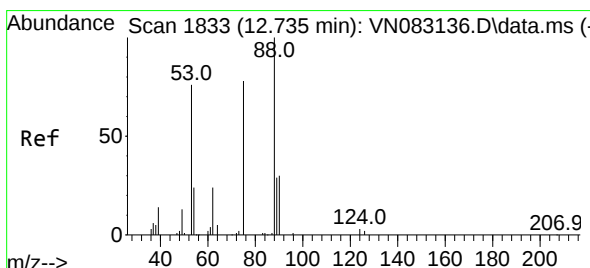
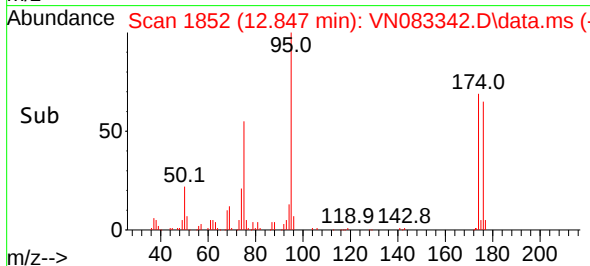
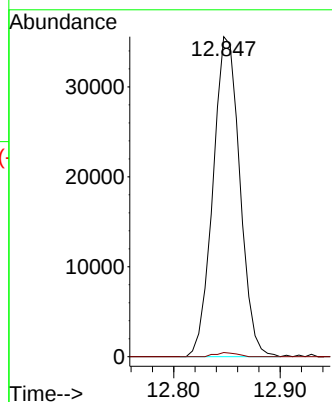
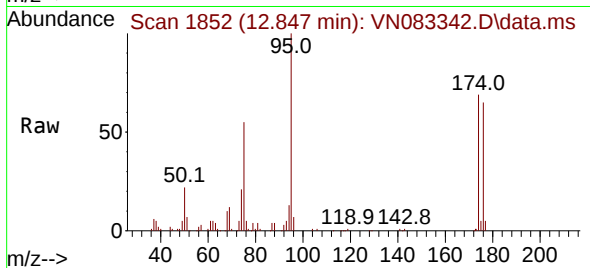
371

Tgt Ion: 75 Resp: 62253

Ion Ratio Lower Upper

75 100

77 1.0 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.875 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083342.D

Acq: 15 Aug 2024 19:39

Tgt Ion: 75 Resp: 62253

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

