

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083355.D
 Acq On : 16 Aug 2024 15:39
 Operator : JC\MD
 Sample : P3628-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 371

Quant Time: Aug 17 01:47:27 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)

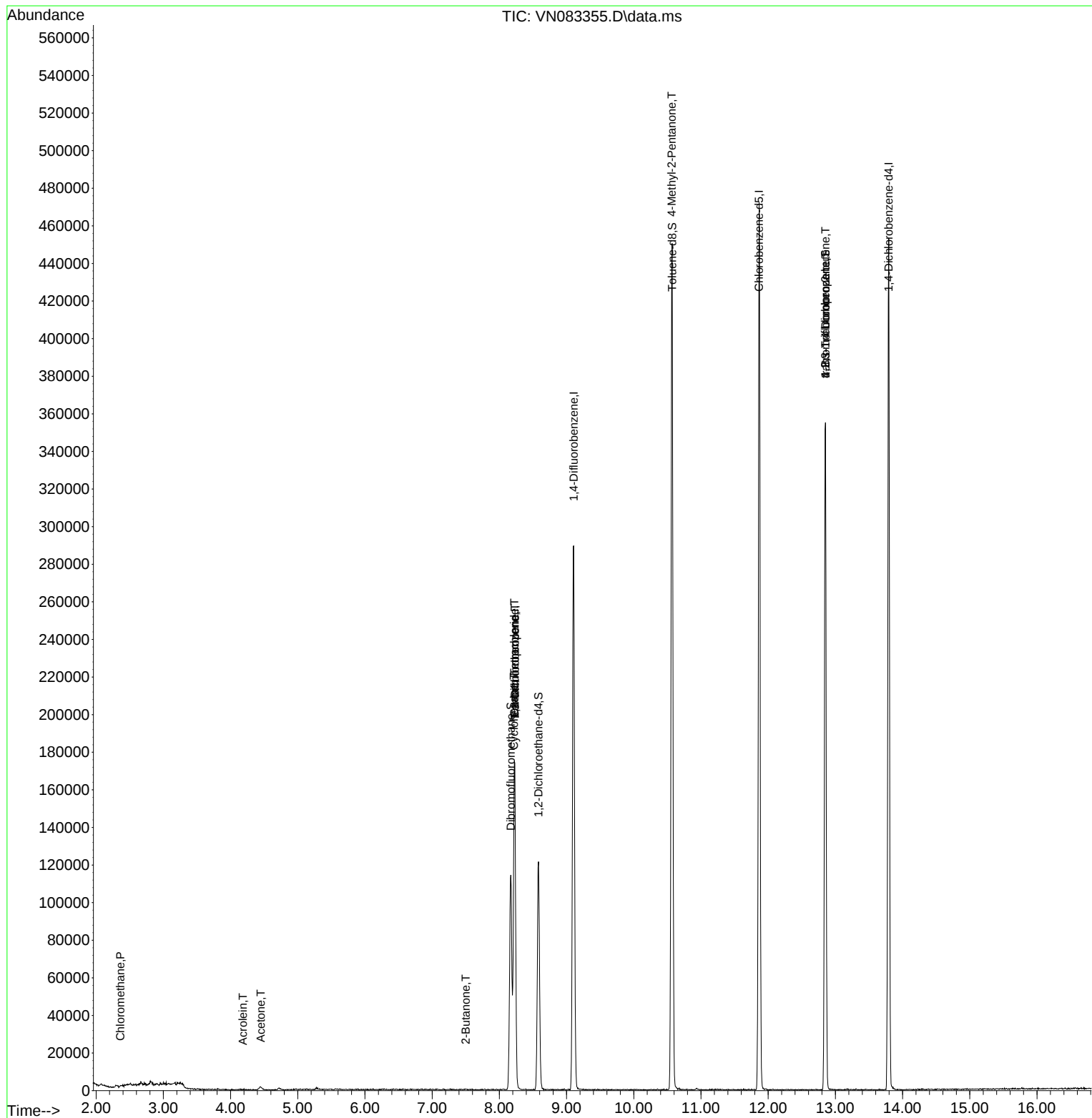
Internal Standards						
1) Pentafluorobenzene	8.230	168	122959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	104683	59.813	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.620%	
35) Dibromofluoromethane	8.171	113	83099	53.715	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.440%	
50) Toluene-d8	10.571	98	314727	54.538	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.080%	
62) 4-Bromofluorobenzene	12.853	95	129417	57.524	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 115.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	394	0.276	ug/l #	43
13) Acrolein	4.183	56	68	0.287	ug/l #	75
16) Acetone	4.447	43	3370	4.921	ug/l	96
25) 2-Butanone	7.500	43	455	0.433	ug/l #	53
31) Cyclohexane	8.218	56	2983	1.150	ug/l #	20
36) 1,1-Dichloropropene	8.230	75	11152	4.765	ug/l #	52
38) Carbon Tetrachloride	8.224	117	13427	5.094	ug/l #	17
43) Isopropyl Acetate	8.777	43	53	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1417	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	72092	28.124	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	72092	61.177	ug/l #	6

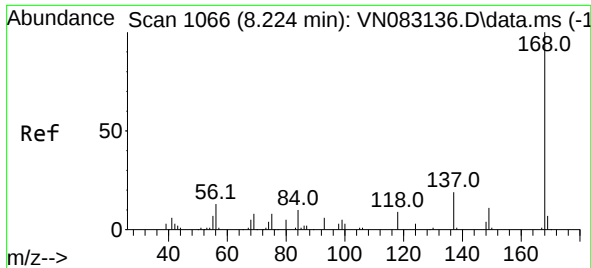
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
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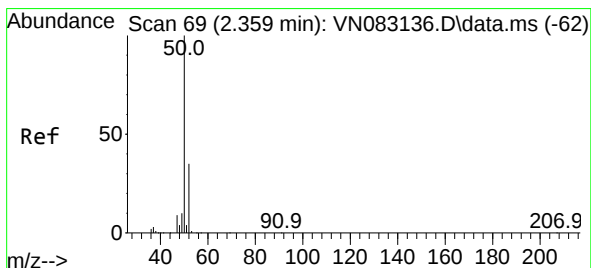
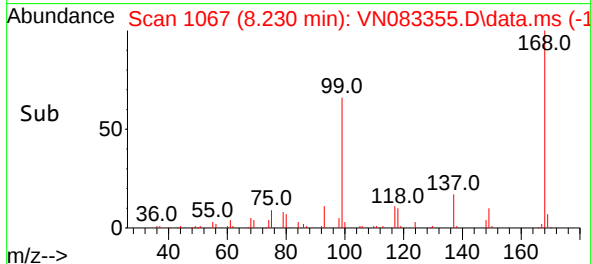
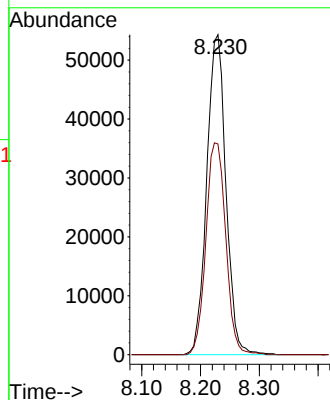
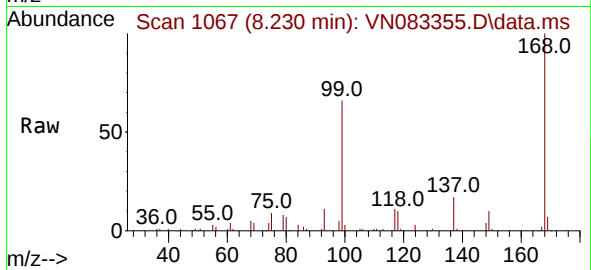




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083355.D
Acq: 16 Aug 2024 15:39

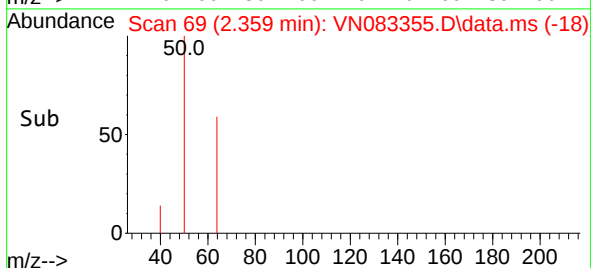
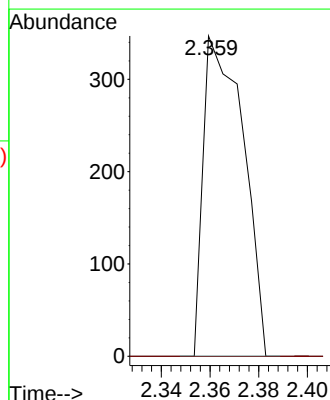
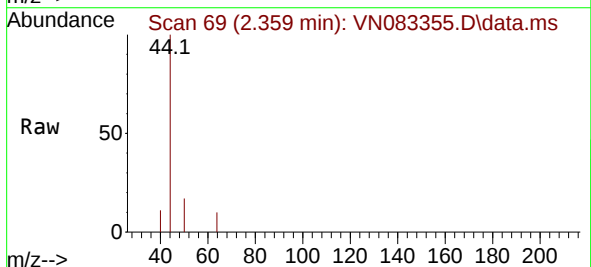
Instrument :
MSVOA_N
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371

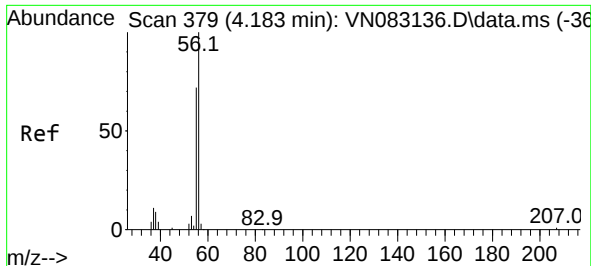
Tgt Ion:168 Resp: 122959
Ion Ratio Lower Upper
168 100
99 65.9 48.2 72.4



#3
Chloromethane
Concen: 0.276 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083355.D
Acq: 16 Aug 2024 15:39

Tgt Ion: 50 Resp: 394
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

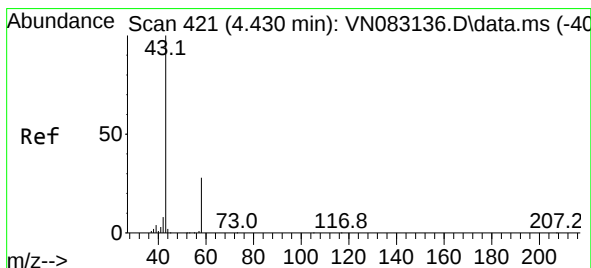
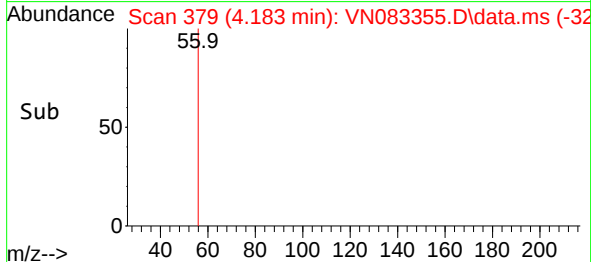
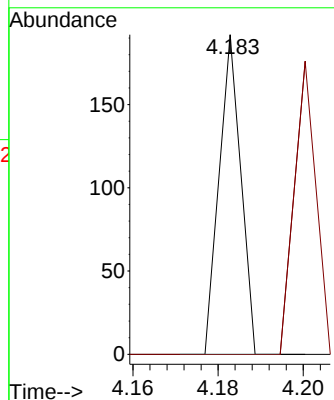
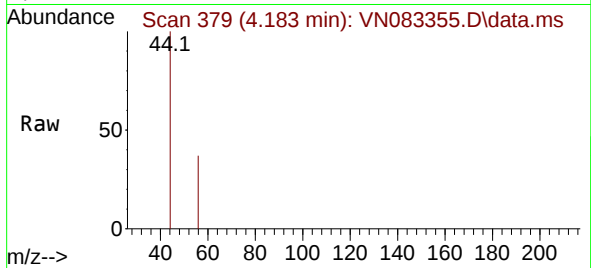




#13
Acrolein
Concen: 0.287 ug/l
RT: 4.183 min Scan# 371
Delta R.T. 0.000 min
Lab File: VN083355.D
Acq: 16 Aug 2024 15:39

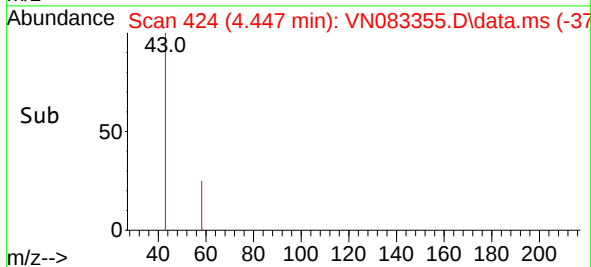
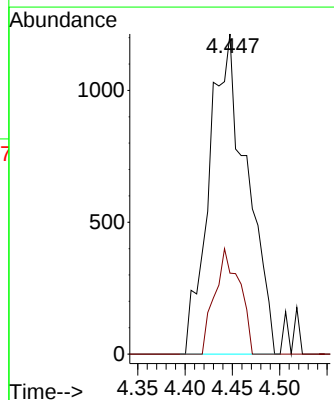
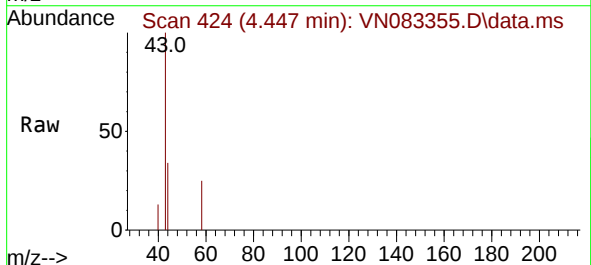
Instrument :
MSVOA_N
ClientSampleId :
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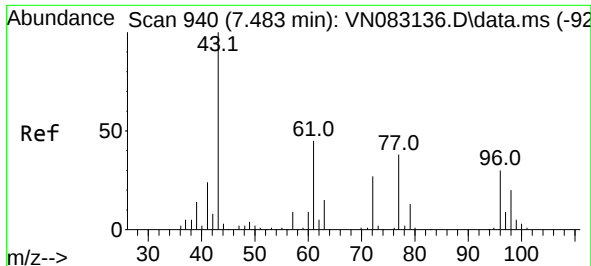
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 91.2 56.4 84.6#



#16
Acetone
Concen: 4.921 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN083355.D
Acq: 16 Aug 2024 15:39

Tgt Ion: 43 Resp: 3370
Ion Ratio Lower Upper
43 100
58 25.3 21.8 32.6

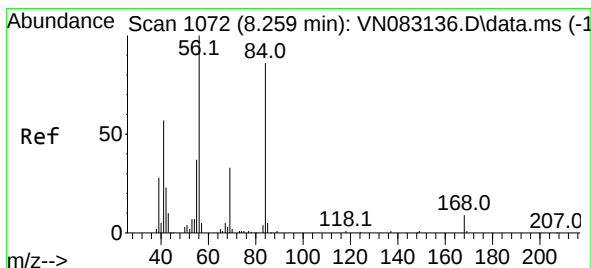
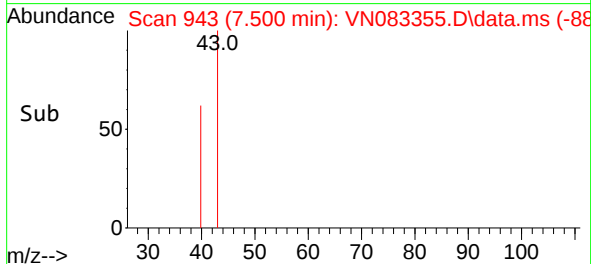
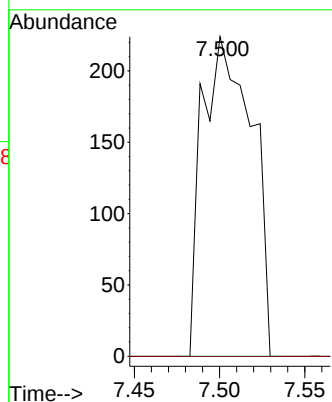
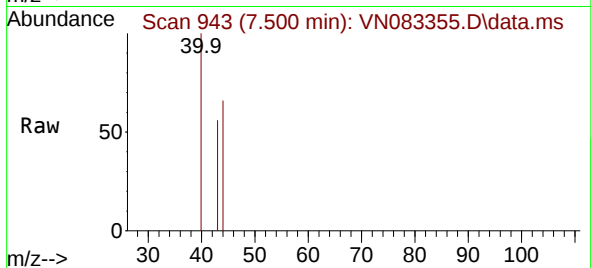




#25
2-Butanone
Concen: 0.433 ug/l
RT: 7.500 min Scan# 940
Delta R.T. 0.018 min
Lab File: VN083355.D
Acq: 16 Aug 2024 15:39

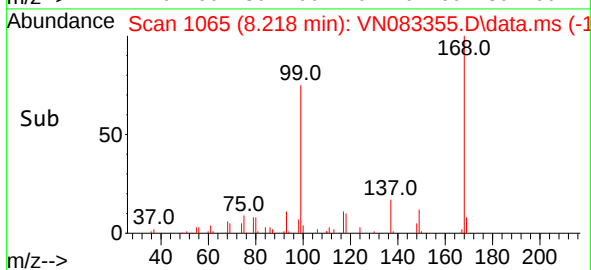
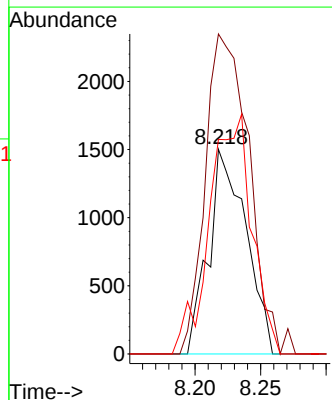
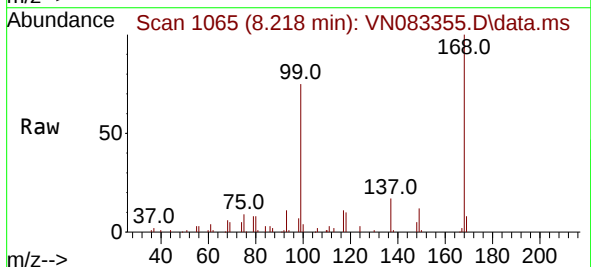
Instrument :
MSVOA_N
ClientSampleId :
371

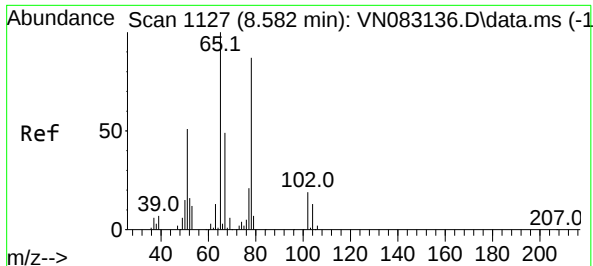
Tgt Ion: 43 Resp: 455
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#31
Cyclohexane
Concen: 1.150 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN083355.D
Acq: 16 Aug 2024 15:39

Tgt Ion: 56 Resp: 2983
Ion Ratio Lower Upper
56 100
69 156.3 24.5 36.7#
84 104.8 66.0 99.0#

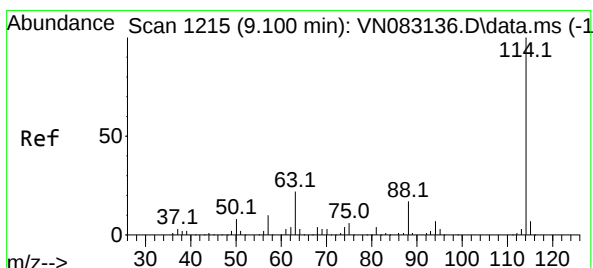
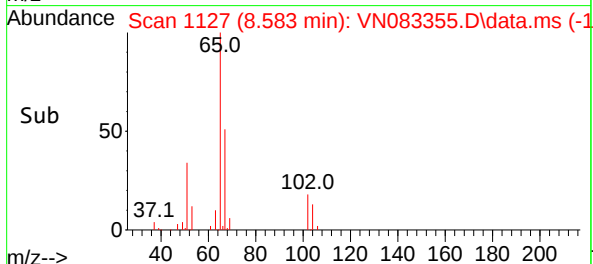
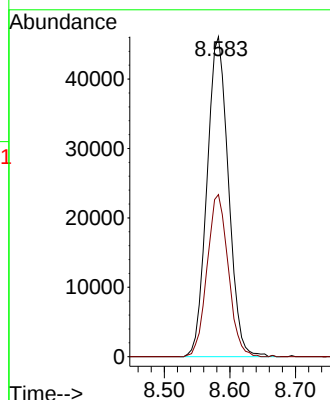
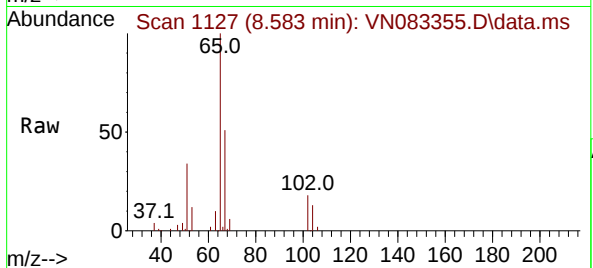




#33
1,2-Dichloroethane-d4
Concen: 59.813 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN083355.D
Acq: 16 Aug 2024 15:39

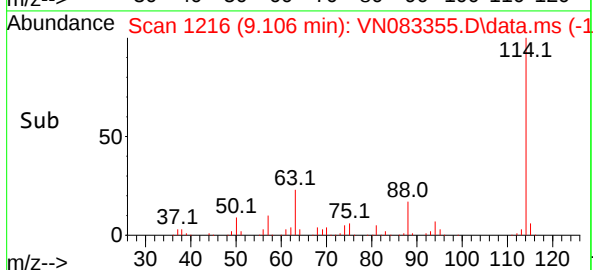
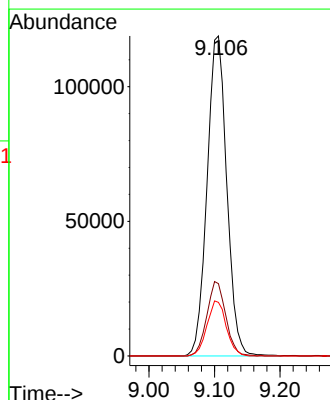
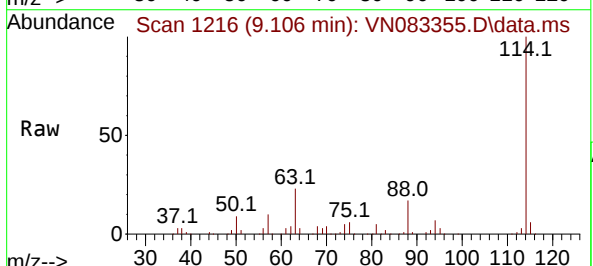
Instrument :
MSVOA_N
ClientSampleId :
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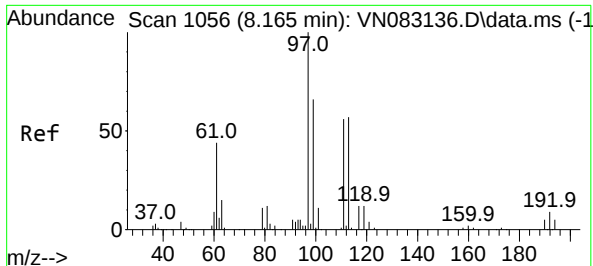
Tgt Ion: 65 Resp: 104683
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN083355.D
Acq: 16 Aug 2024 15:39

Tgt Ion: 114 Resp: 247851
Ion Ratio Lower Upper
114 100
63 22.6 0.0 44.6
88 16.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.715 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083355.D

Acq: 16 Aug 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

371

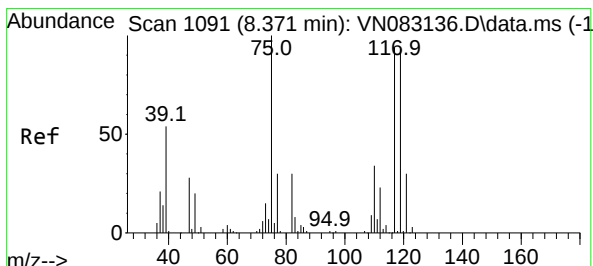
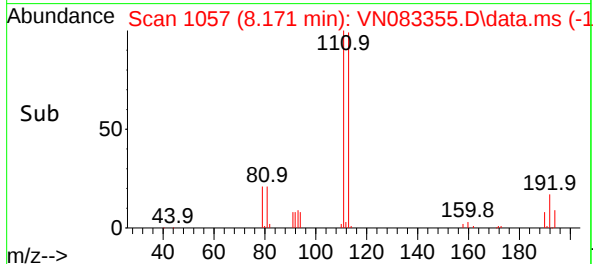
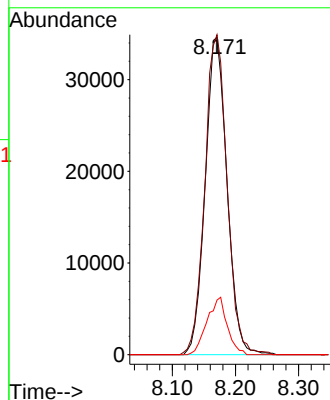
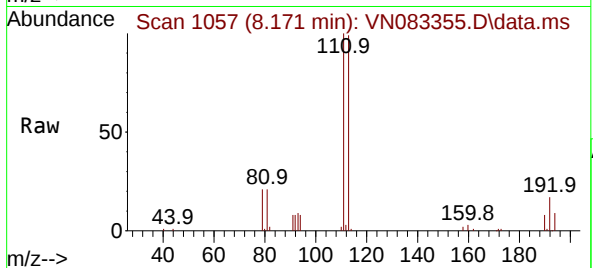
Tgt Ion:113 Resp: 83099

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

192 16.8 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.765 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083355.D

Acq: 16 Aug 2024 15:39

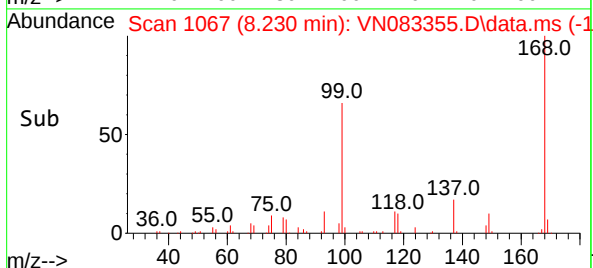
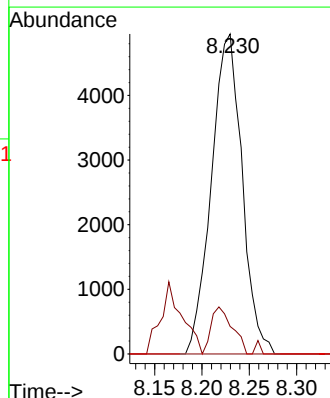
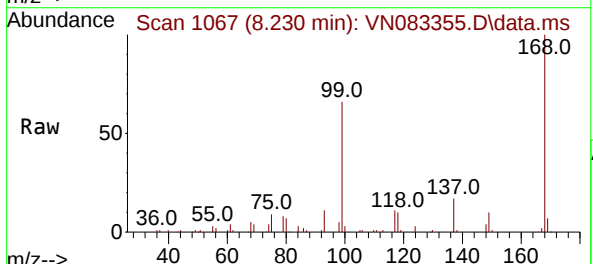
Tgt Ion: 75 Resp: 11152

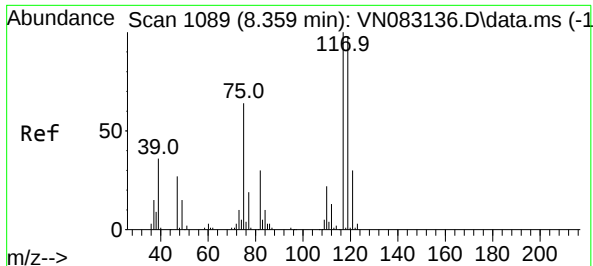
Ion Ratio Lower Upper

75 100

110 10.2 16.3 48.9#

77 0.0 24.6 37.0#

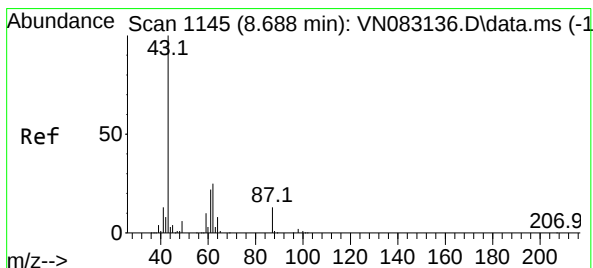
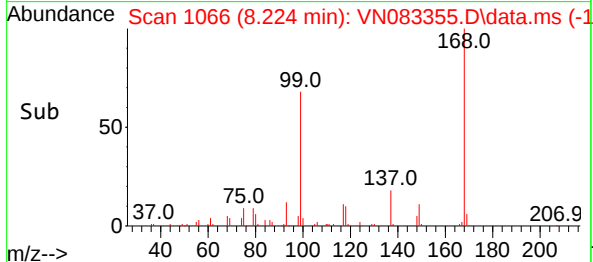
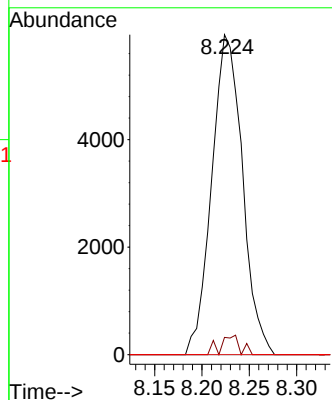
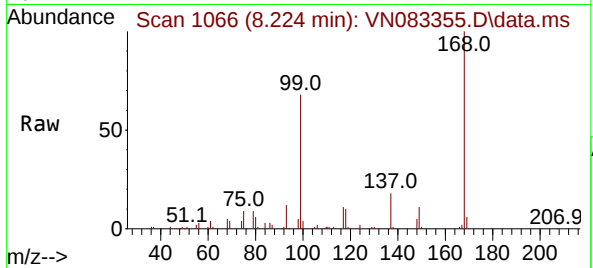




#38
Carbon Tetrachloride
Concen: 5.094 ug/l
RT: 8.224 min Scan# 1160
Delta R.T. -0.135 min
Lab File: VN083355.D
Acq: 16 Aug 2024 15:39

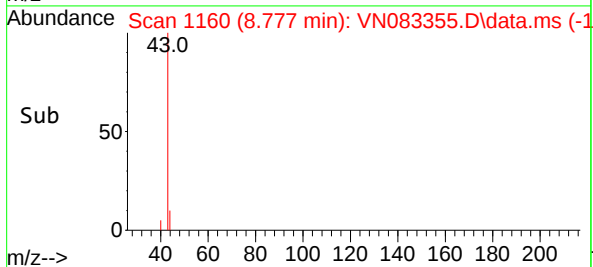
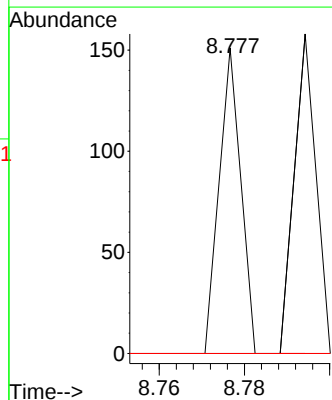
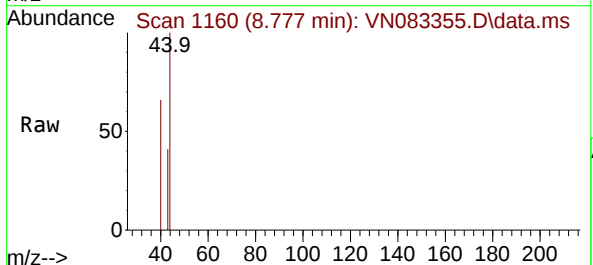
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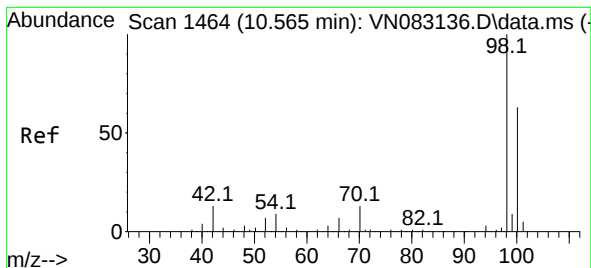
Tgt Ion:117 Resp: 13427
Ion Ratio Lower Upper
117 100
119 5.4 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.777 min Scan# 1160
Delta R.T. 0.089 min
Lab File: VN083355.D
Acq: 16 Aug 2024 15:39

Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 54.538 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN083355.D

Acq: 16 Aug 2024 15:39

Instrument :

MSVOA_N

ClientSampleId :

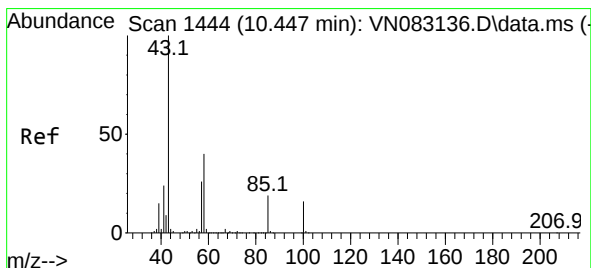
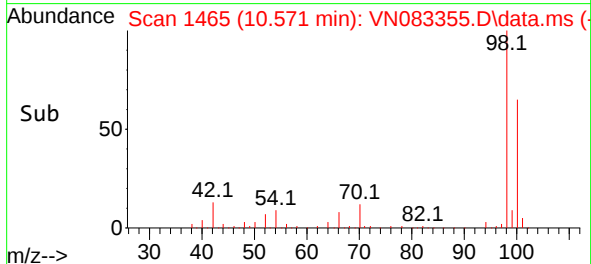
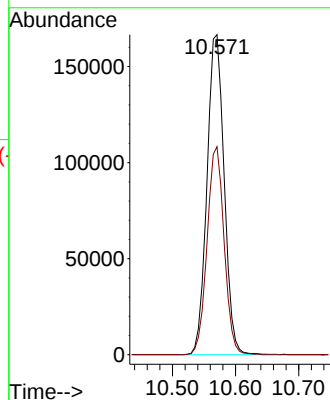
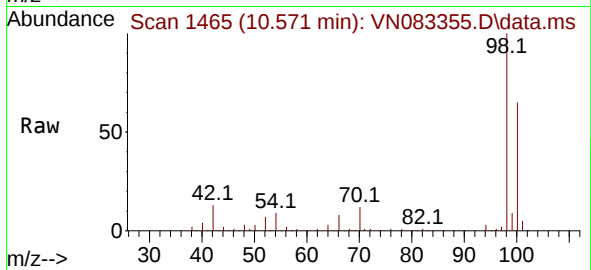
371

Tgt Ion: 98 Resp: 314727

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.572 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN083355.D

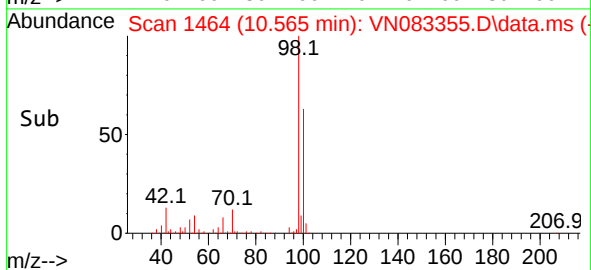
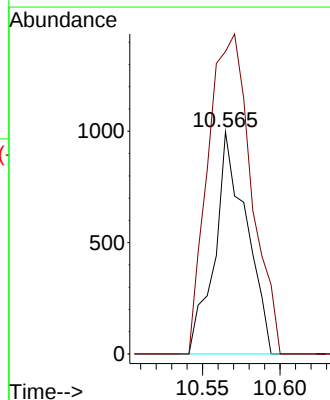
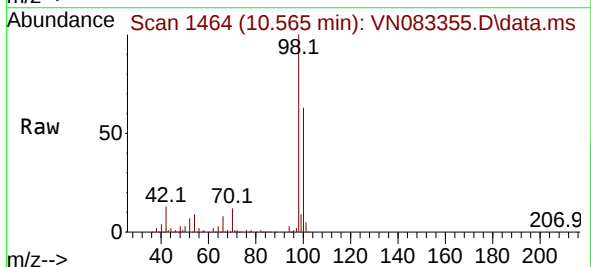
Acq: 16 Aug 2024 15:39

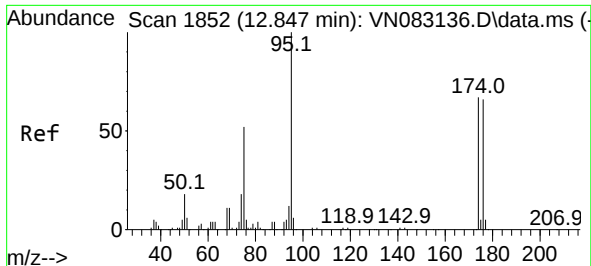
Tgt Ion: 43 Resp: 1417

Ion Ratio Lower Upper

43 100

58 197.4 28.2 42.4#

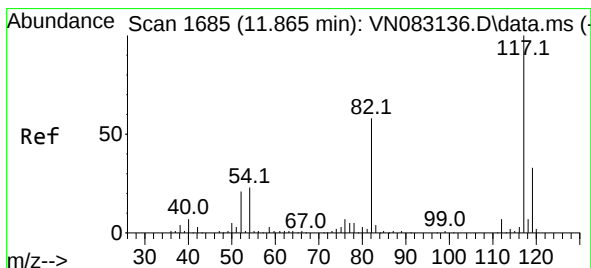
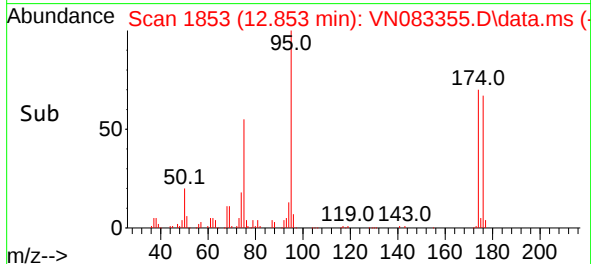
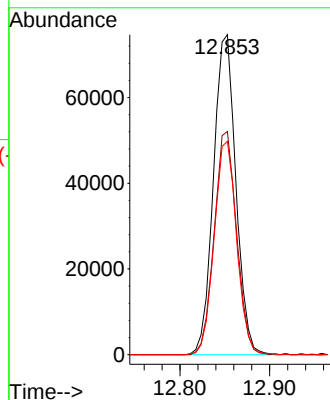
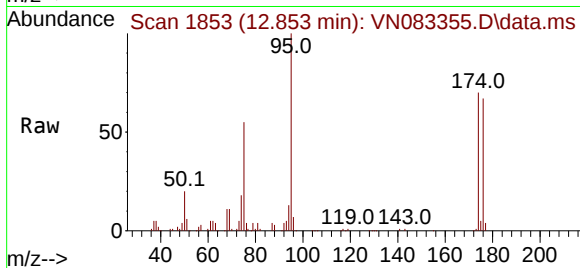




#62
4-Bromofluorobenzene
Concen: 57.524 ug/l
RT: 12.853 min Scan# 11853
Delta R.T. 0.006 min
Lab File: VN083355.D
Acq: 16 Aug 2024 15:39

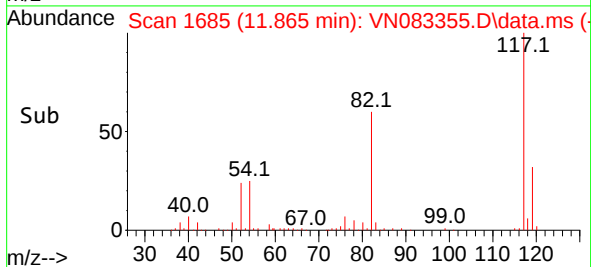
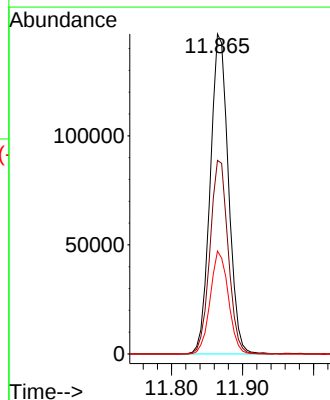
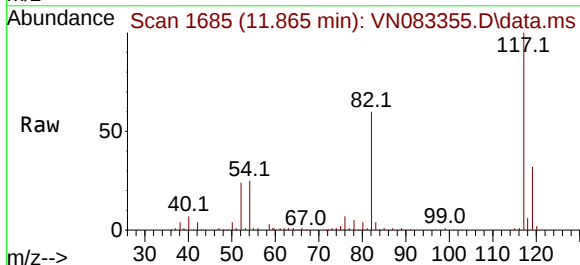
Instrument :
MSVOA_N
ClientSampleId :
371

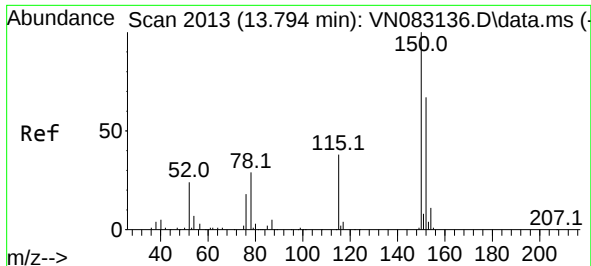
Tgt Ion: 95 Resp: 129417
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 66.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083355.D
Acq: 16 Aug 2024 15:39

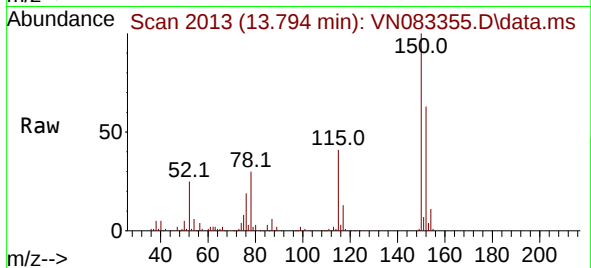
Tgt Ion: 117 Resp: 261085
Ion Ratio Lower Upper
117 100
82 60.5 47.5 71.3
119 32.1 25.6 38.4



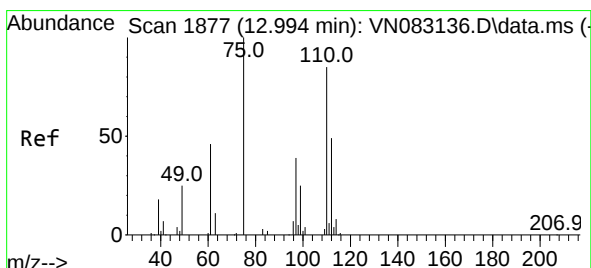
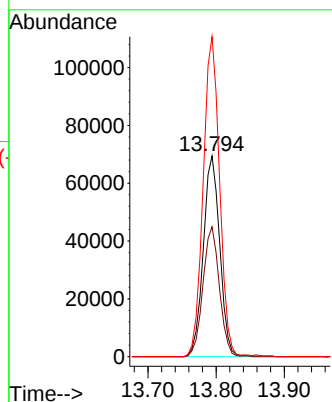
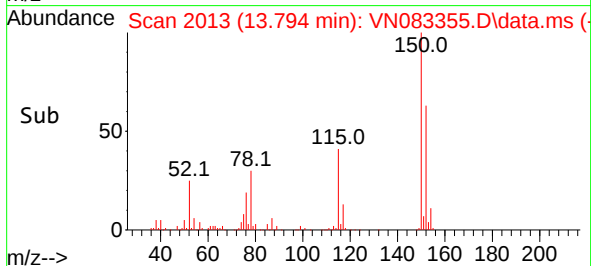


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083355.D
Acq: 16 Aug 2024 15:39

Instrument :
MSVOA_N
ClientSampleId :
371

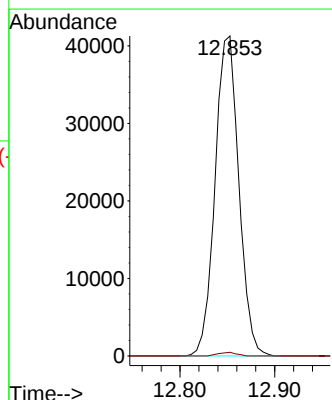
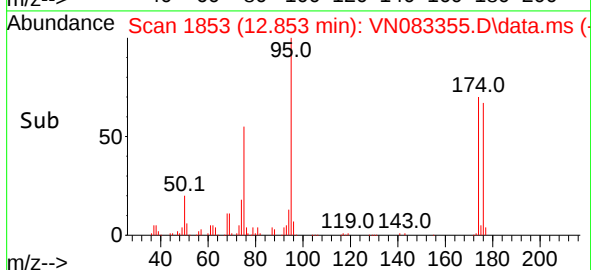
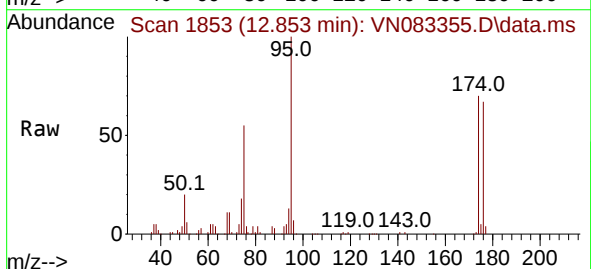


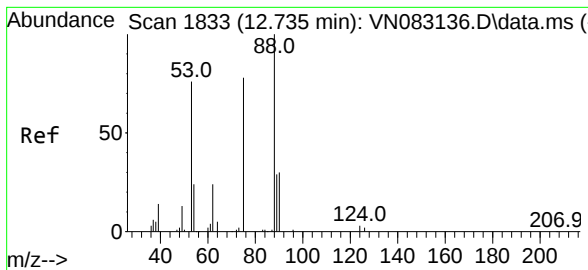
Tgt Ion:152 Resp: 116794
Ion Ratio Lower Upper
152 100
115 64.5 30.6 91.6
150 157.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 28.124 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083355.D
Acq: 16 Aug 2024 15:39

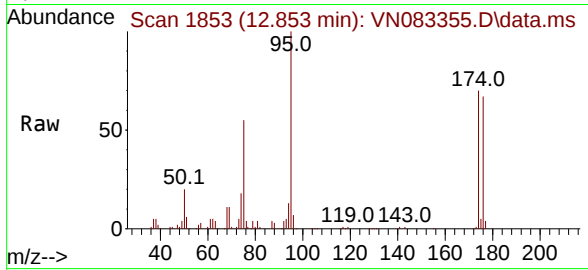
Tgt Ion: 75 Resp: 72092
Ion Ratio Lower Upper
75 100
77 0.9 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.177 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN083355.D
 Acq: 16 Aug 2024 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 371



Tgt Ion: 75 Resp: 72092
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

