

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080055.D
 Acq On : 17 Nov 2024 21:10
 Operator : RP/MD
 Sample : P4821-07
 Misc : 5.65G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 04:29:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

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

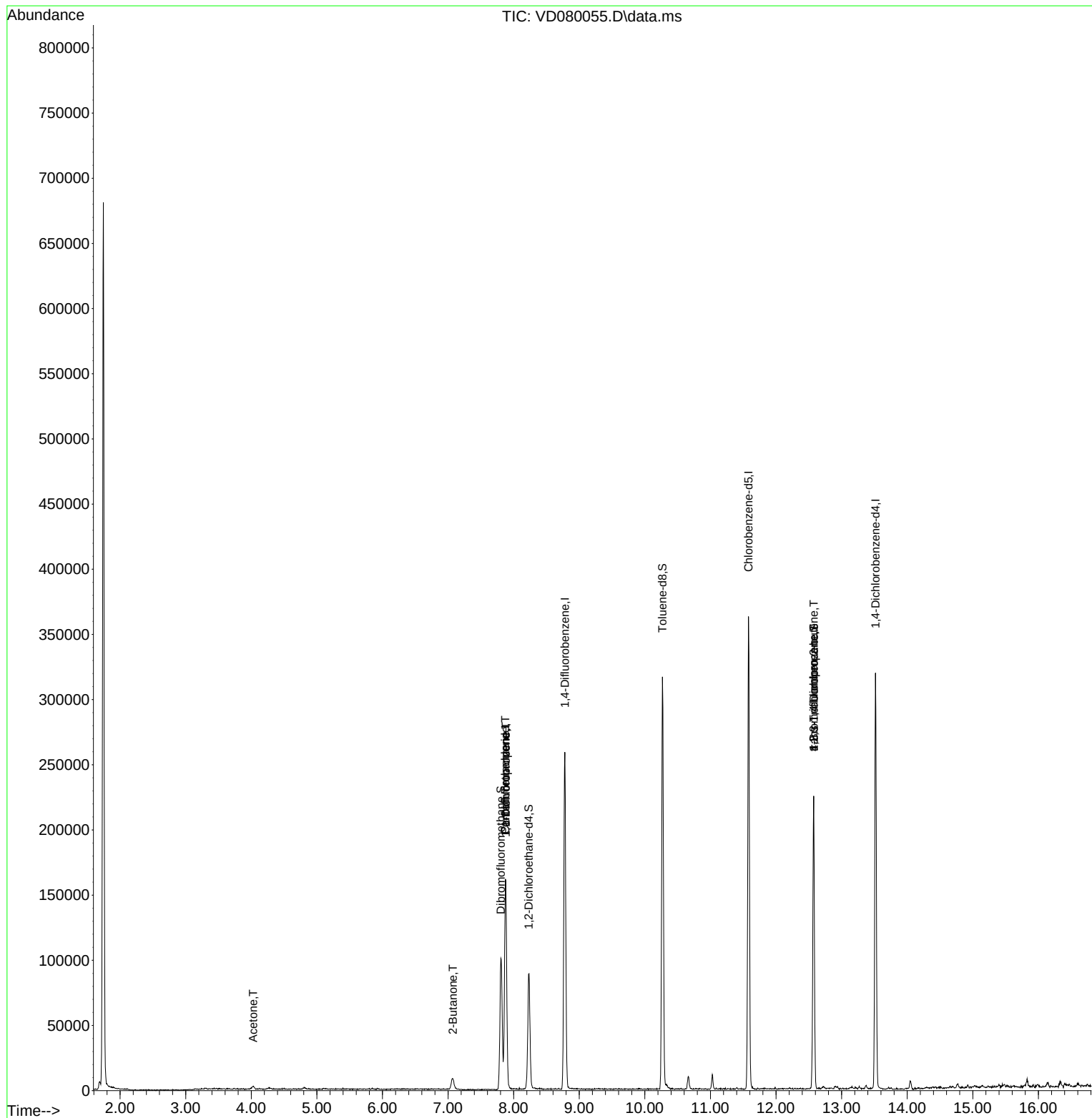
Internal Standards						
1) Pentafluorobenzene	7.875	168	138532	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	236083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	212587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71561	50.172	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.340%	
35) Dibromofluoromethane	7.804	113	75931	48.326	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.660%	
50) Toluene-d8	10.269	98	228170	38.530	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 77.060%	
62) 4-Bromofluorobenzene	12.575	95	68064	35.032	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 70.060%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	3474	11.226	ug/l	95
25) 2-Butanone	7.075	43	1254	3.101	ug/l	# 47
36) 1,1-Dichloropropene	7.881	75	9165	4.266	ug/l	# 50
38) Carbon Tetrachloride	7.875	117	12630	5.381	ug/l	# 19
76) 1,2,3-Trichloropropane	12.575	75	33860	42.422	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	33860	86.822	ug/l	# 15

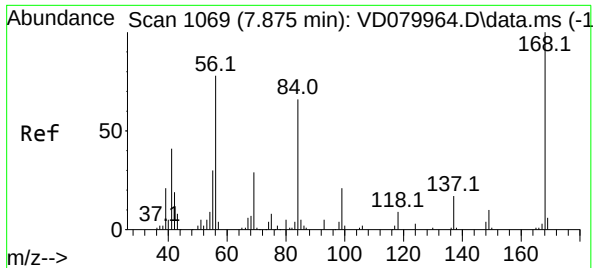
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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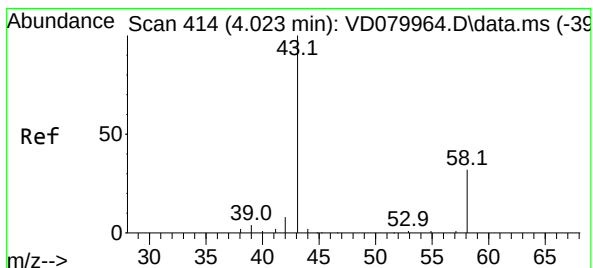
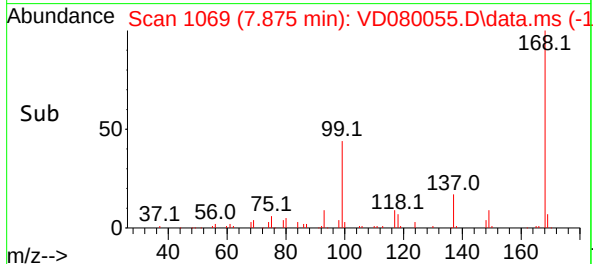
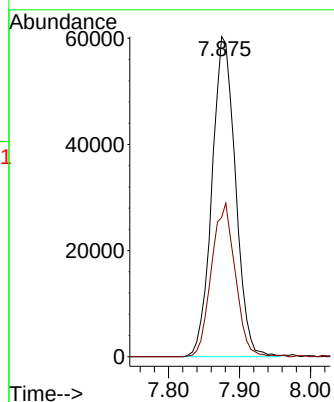
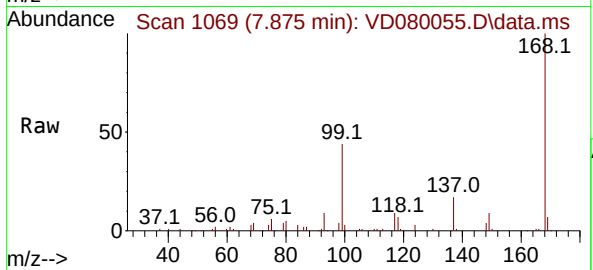




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD080055.D
Acq: 17 Nov 2024 21:10

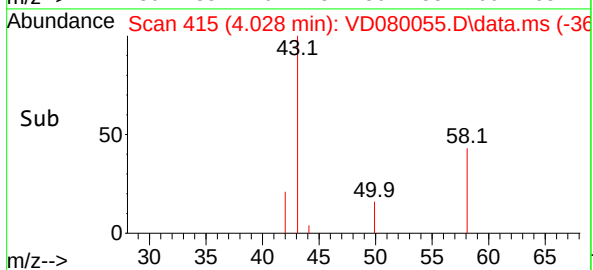
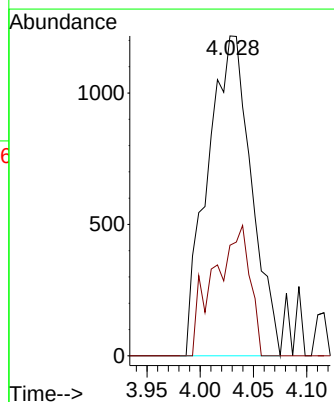
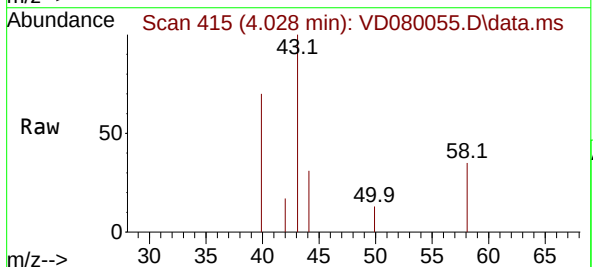
Instrument :
MSVOA_D
ClientSampleId :

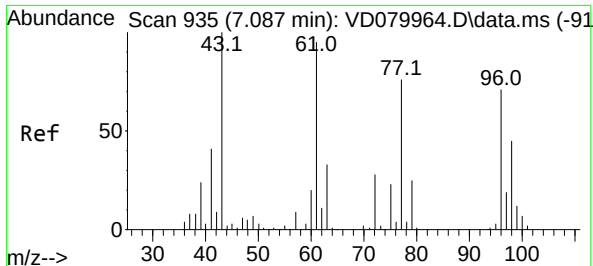
Tgt Ion:168 Resp: 138532
Ion Ratio Lower Upper
168 100
99 43.5 46.0 69.0#



#16
Acetone
Concen: 11.226 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.005 min
Lab File: VD080055.D
Acq: 17 Nov 2024 21:10

Tgt Ion: 43 Resp: 3474
Ion Ratio Lower Upper
43 100
58 34.6 25.4 38.2





#25

2-Butanone

Concen: 3.101 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD080055.D

Acq: 17 Nov 2024 21:10

Instrument :

MSVOA_D

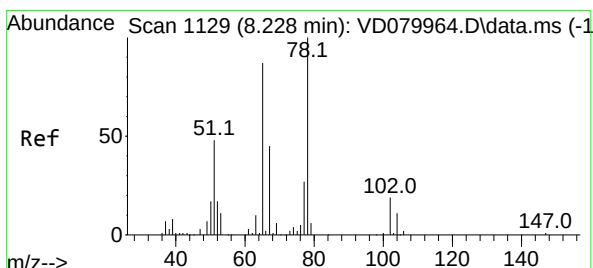
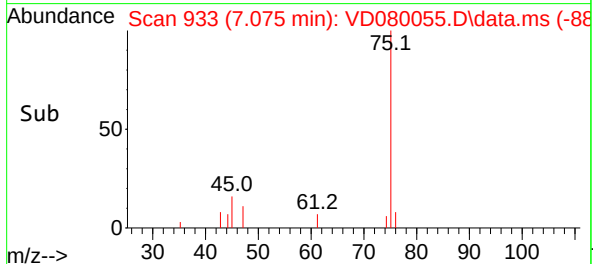
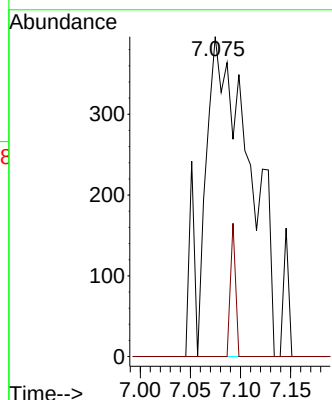
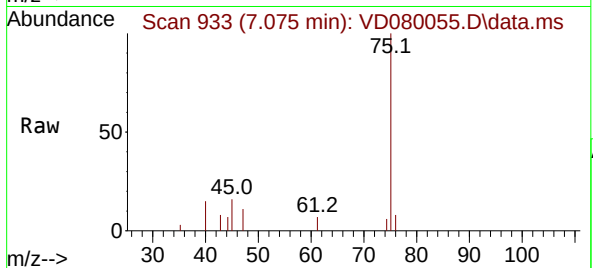
ClientSampleId :

Tgt Ion: 43 Resp: 1254

Ion Ratio Lower Upper

43 100

72 0.0 22.3 33.5#



#33

1,2-Dichloroethane-d4

Concen: 50.172 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD080055.D

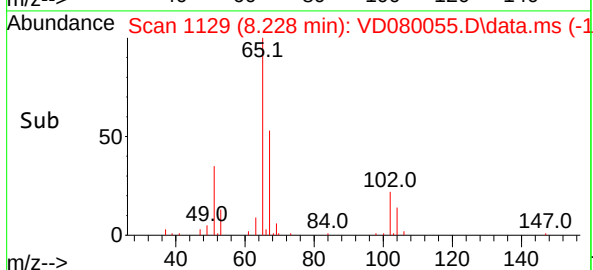
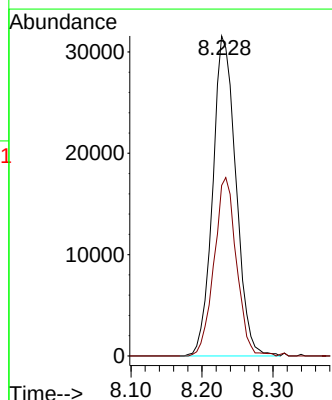
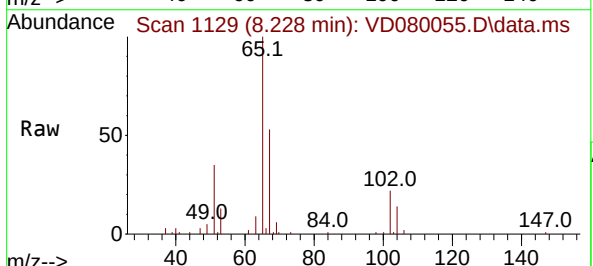
Acq: 17 Nov 2024 21:10

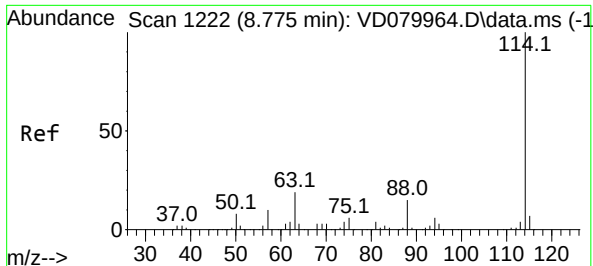
Tgt Ion: 65 Resp: 71561

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080055.D

Acq: 17 Nov 2024 21:10

Instrument :

MSVOA_D

ClientSampleId :

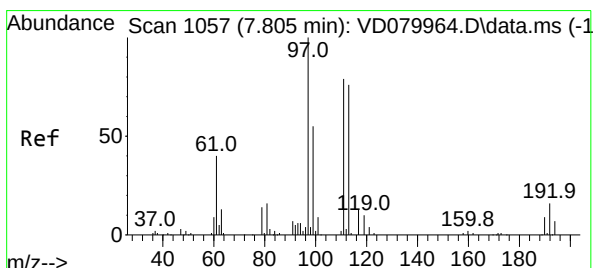
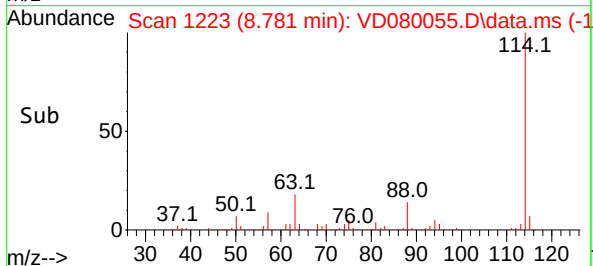
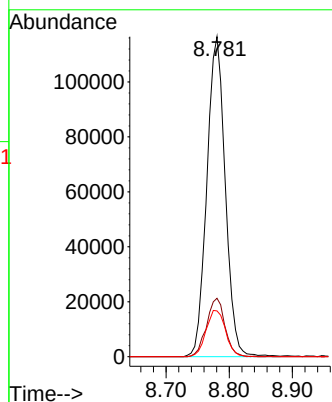
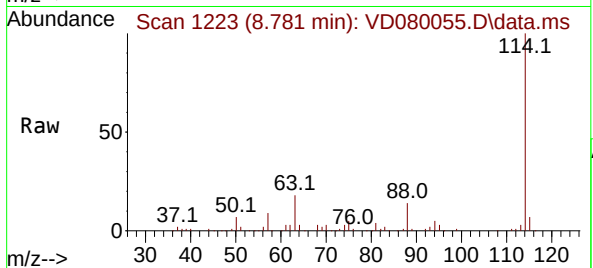
Tgt Ion:114 Resp: 236083

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.8

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.326 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD080055.D

Acq: 17 Nov 2024 21:10

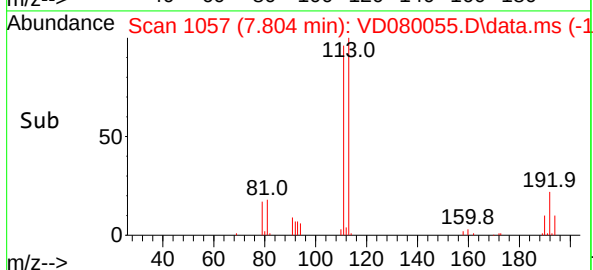
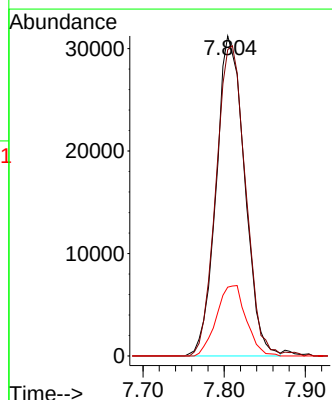
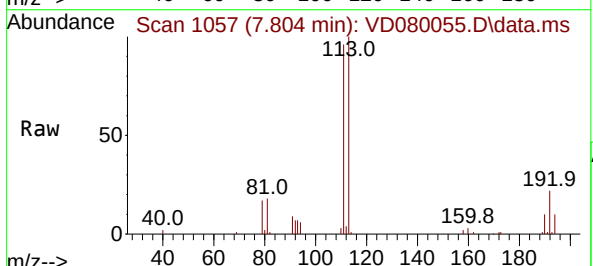
Tgt Ion:113 Resp: 75931

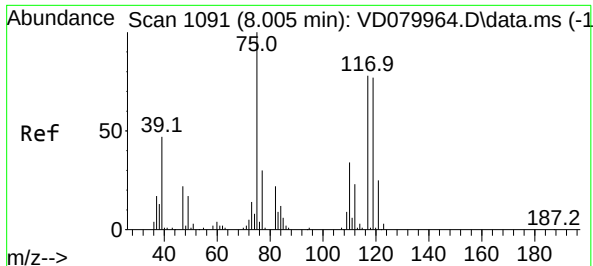
Ion Ratio Lower Upper

113 100

111 100.6 82.5 123.7

192 22.9 16.6 25.0

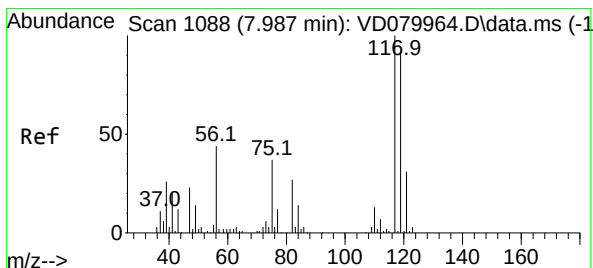
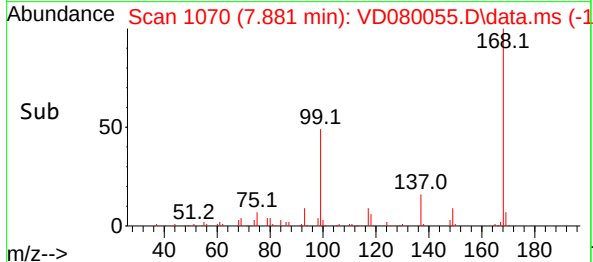
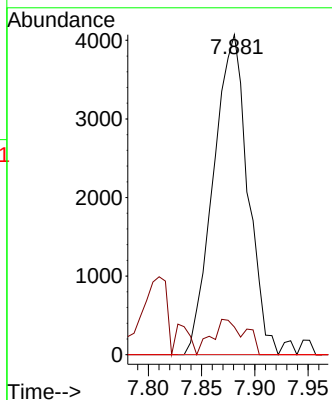
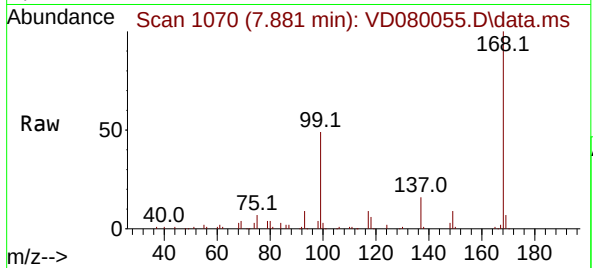




#36
 1,1-Dichloropropene
 Concen: 4.266 ug/l
 RT: 7.881 min Scan# 1069
 Delta R.T. -0.124 min
 Lab File: VD080055.D
 Acq: 17 Nov 2024 21:10

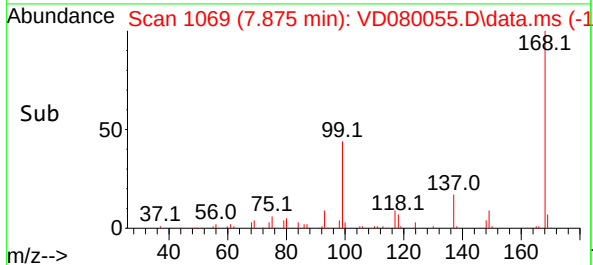
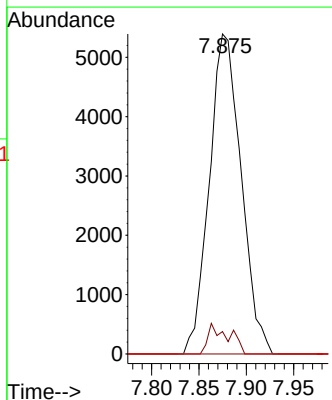
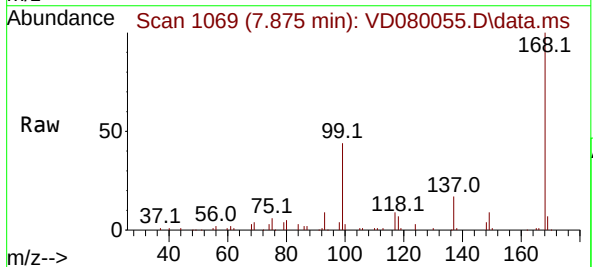
Instrument :
 MSVOA_D
 ClientSampleId :

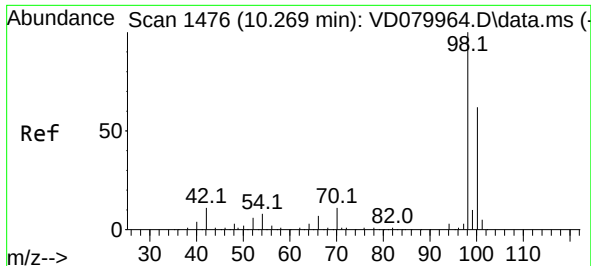
Tgt Ion: 75 Resp: 9165
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.4 55.0#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 5.381 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.112 min
 Lab File: VD080055.D
 Acq: 17 Nov 2024 21:10

Tgt Ion: 117 Resp: 12630
 Ion Ratio Lower Upper
 117 100
 119 7.0 73.4 110.0#
 121 0.0 24.5 36.7#

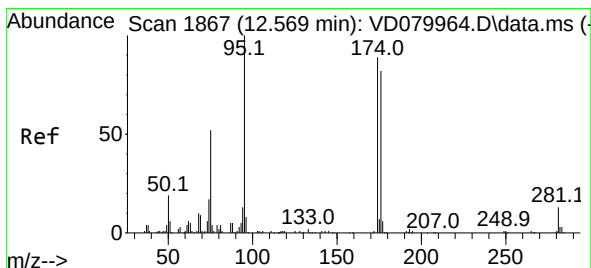
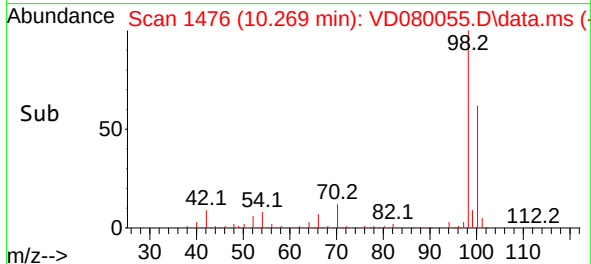
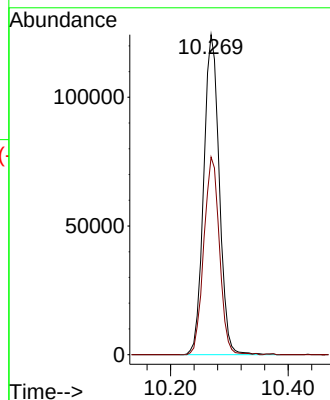
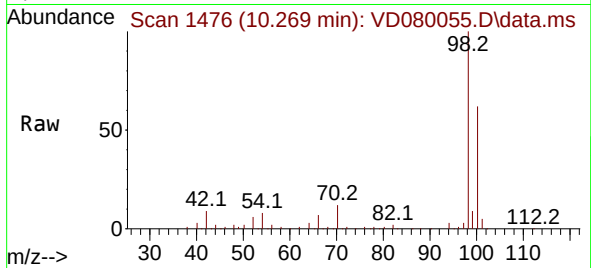




#50
Toluene-d8
Concen: 38.530 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD080055.D
Acq: 17 Nov 2024 21:10

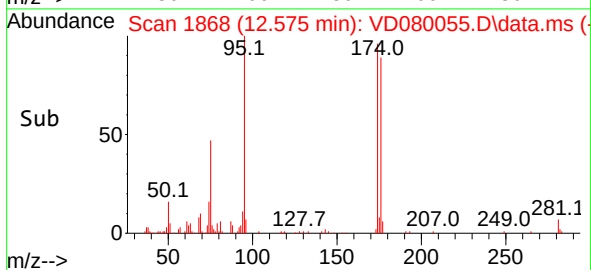
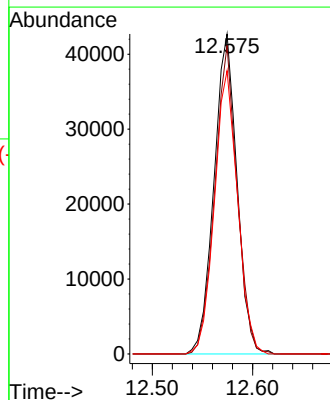
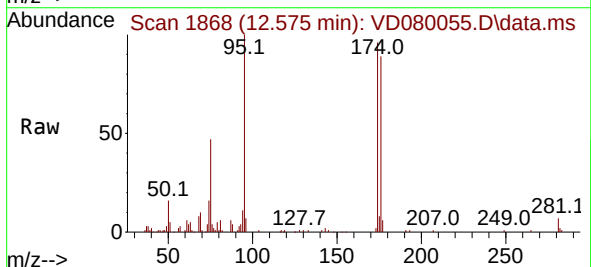
Instrument :
MSVOA_D
ClientSampleId :

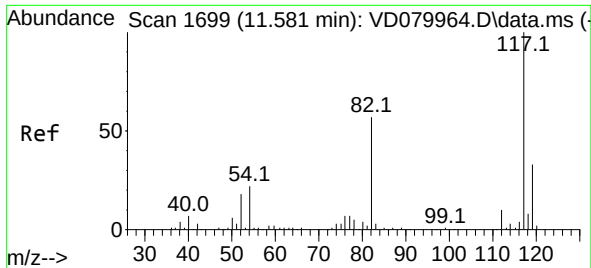
Tgt Ion: 98 Resp: 228170
Ion Ratio Lower Upper
98 100
100 61.8 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 35.032 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD080055.D
Acq: 17 Nov 2024 21:10

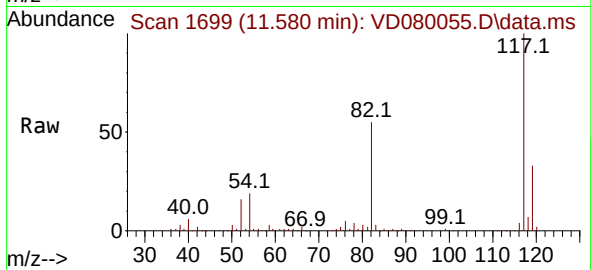
Tgt Ion: 95 Resp: 68064
Ion Ratio Lower Upper
95 100
174 93.2 0.0 173.4
176 89.0 0.0 166.6



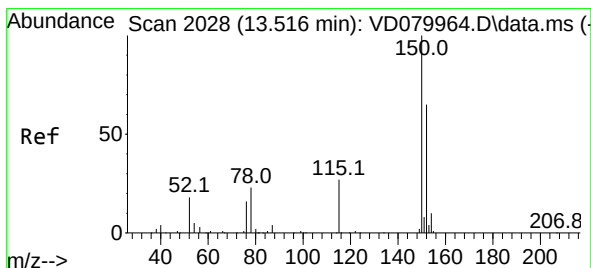
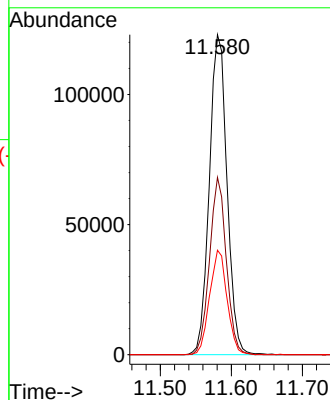
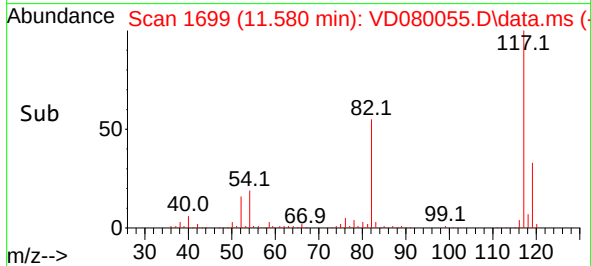


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD080055.D
Acq: 17 Nov 2024 21:10

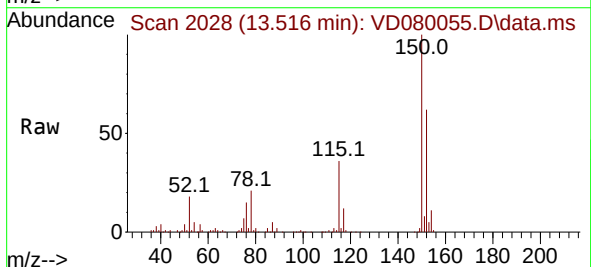
Instrument :
MSVOA_D
ClientSampleId :



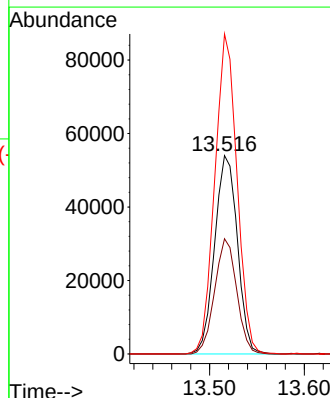
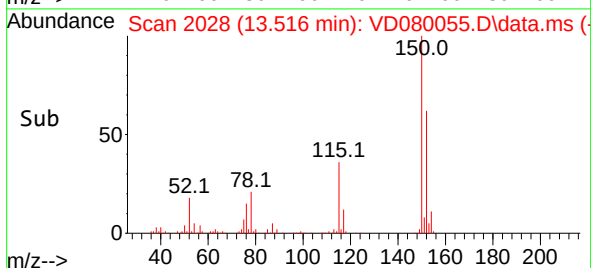
Tgt Ion:117 Resp: 212587
Ion Ratio Lower Upper
117 100
82 55.4 45.8 68.6
119 32.6 26.2 39.2

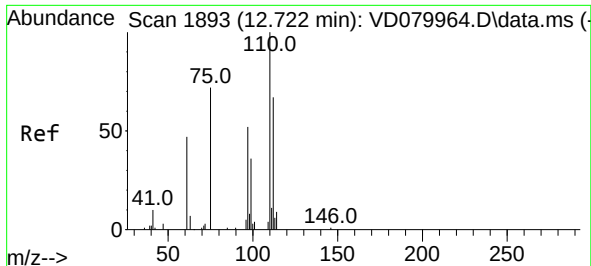


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080055.D
Acq: 17 Nov 2024 21:10



Tgt Ion:152 Resp: 90391
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.8
150 157.0 0.0 354.8

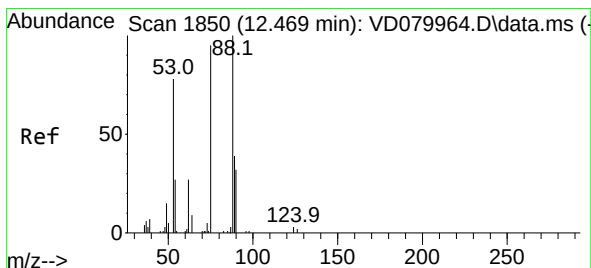
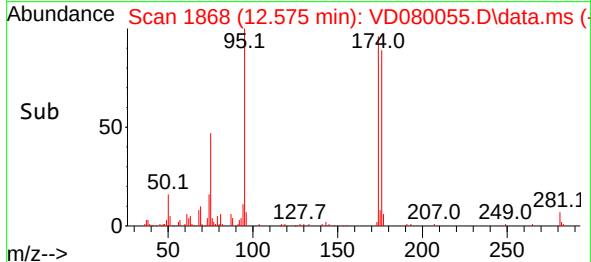
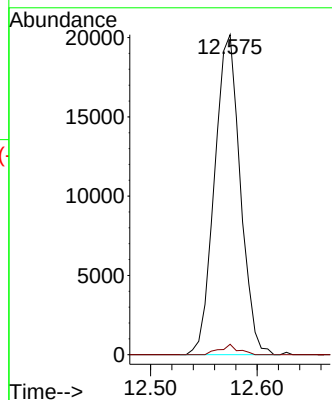
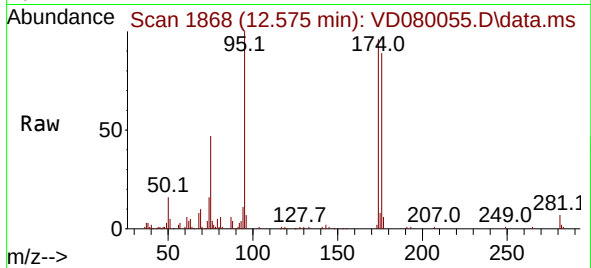




#76
1,2,3-Trichloropropane
Concen: 42.422 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD080055.D
Acq: 17 Nov 2024 21:10

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 33860
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.822 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD080055.D
Acq: 17 Nov 2024 21:10

Tgt Ion: 75 Resp: 33860
Ion Ratio Lower Upper
75 100
53 0.3 68.7 103.1#
89 0.0 36.1 54.1#

