

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080050.D
 Acq On : 17 Nov 2024 18:55
 Operator : RP/MD
 Sample : P4857-03
 Misc : 5.07G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 04:27:28 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)

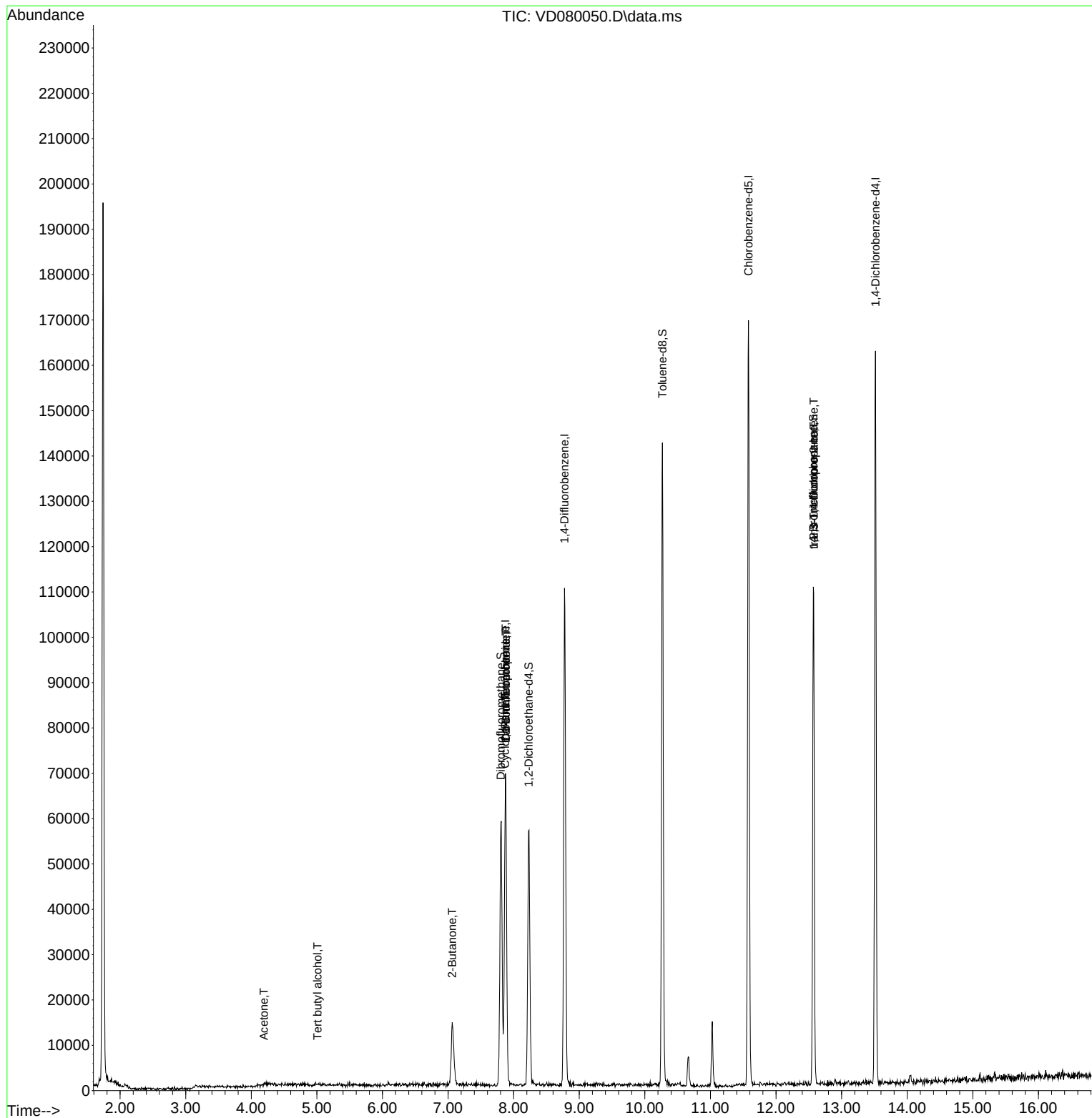
Internal Standards						
1) Pentafluorobenzene	7.875	168	55292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	98239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	102514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	47634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	45253	79.491	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 158.980%	
35) Dibromofluoromethane	7.804	113	41711	63.797	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.600%	
50) Toluene-d8	10.269	98	100273	40.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 81.380%	
62) 4-Bromofluorobenzene	12.569	95	34609	42.807	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.010	59	79	2.667	ug/l #	82
16) Acetone	4.193	43	145	1.174	ug/l #	43
25) 2-Butanone	7.063	43	700	4.337	ug/l #	47
31) Cyclohexane	7.869	56	1043	1.125	ug/l #	7
36) 1,1-Dichloropropene	7.881	75	4419	4.943	ug/l #	47
38) Carbon Tetrachloride	7.881	117	5454	5.584	ug/l #	20
76) 1,2,3-Trichloropropane	12.575	75	16708	39.722	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	16708	81.298	ug/l #	15

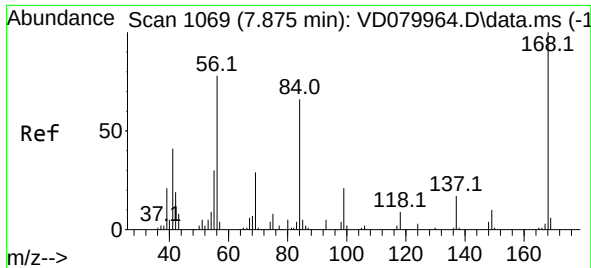
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 2024
Response via : Initial Calibration

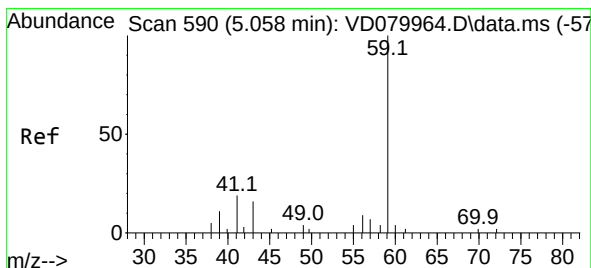
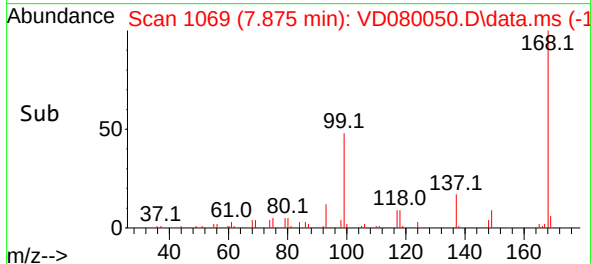
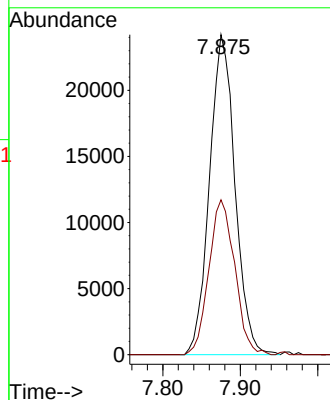
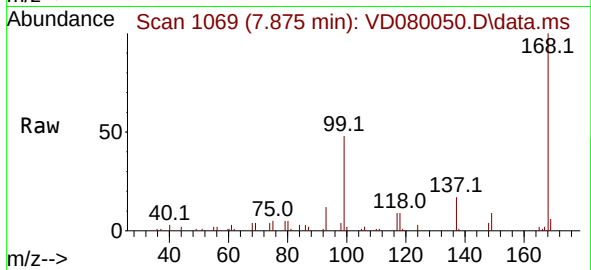




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD080050.D
Acq: 17 Nov 2024 18:55

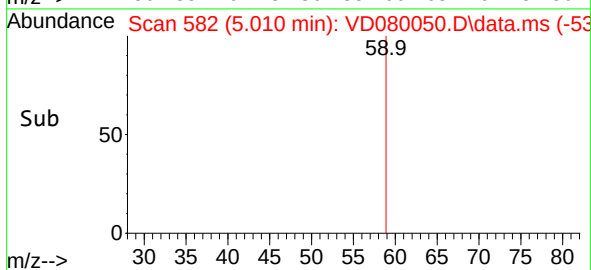
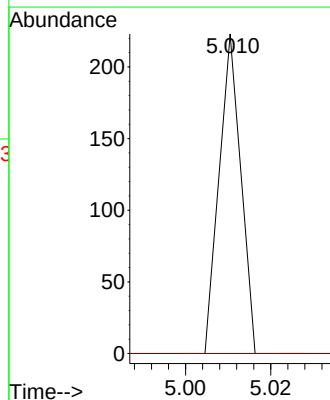
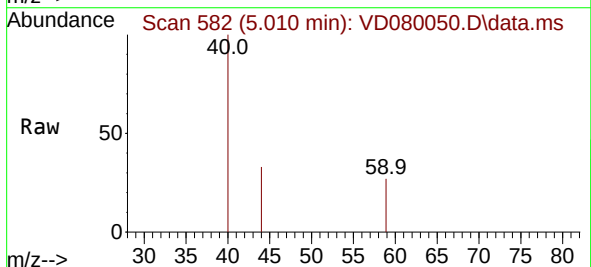
Instrument :
MSVOA_D
ClientSampleId :

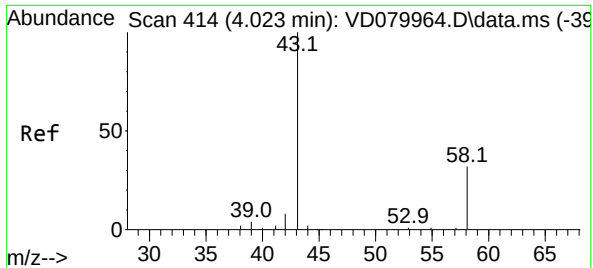
Tgt Ion:168 Resp: 55292
Ion Ratio Lower Upper
168 100
99 48.4 46.0 69.0



#11
Tert butyl alcohol
Concen: 2.667 ug/l
RT: 5.010 min Scan# 582
Delta R.T. -0.048 min
Lab File: VD080050.D
Acq: 17 Nov 2024 18:55

Tgt Ion: 59 Resp: 79
Ion Ratio Lower Upper
59 100
57 0.0 4.8 7.2#

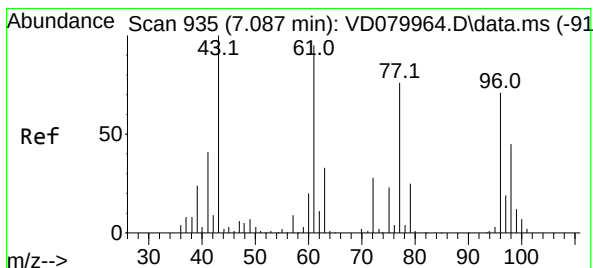
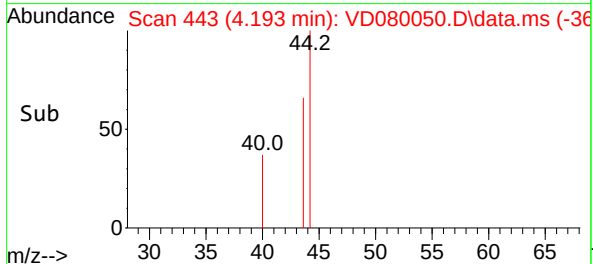
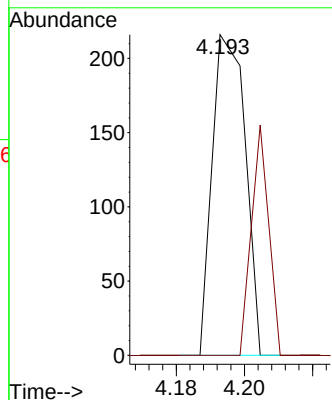
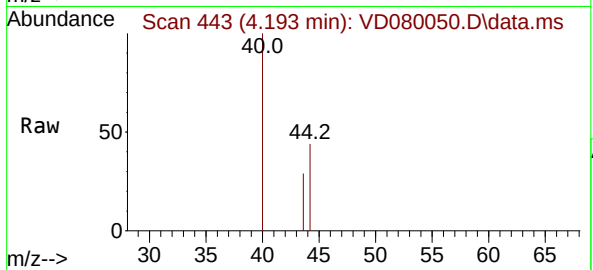




#16
Acetone
Concen: 1.174 ug/l
RT: 4.193 min Scan# 44
Delta R.T. 0.170 min
Lab File: VD080050.D
Acq: 17 Nov 2024 18:55

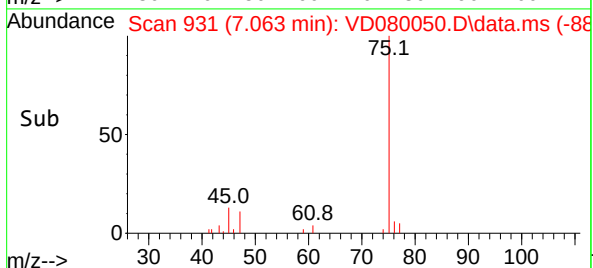
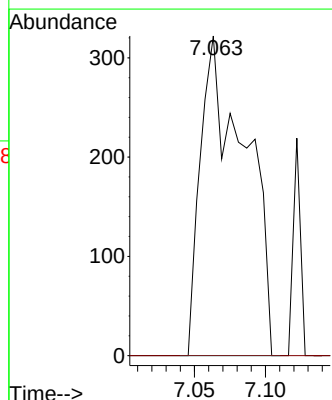
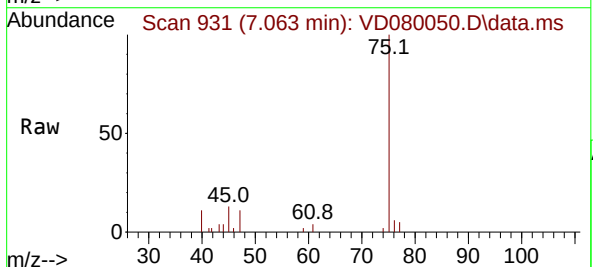
Instrument :
MSVOA_D
ClientSampleId :

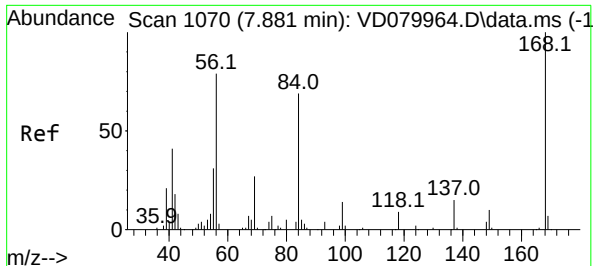
Tgt Ion: 43 Resp: 145
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#



#25
2-Butanone
Concen: 4.337 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.024 min
Lab File: VD080050.D
Acq: 17 Nov 2024 18:55

Tgt Ion: 43 Resp: 700
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#





#31

Cyclohexane

Concen: 1.125 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.012 min

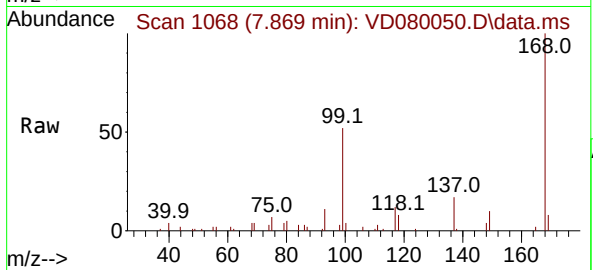
Lab File: VD080050.D

Acq: 17 Nov 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :



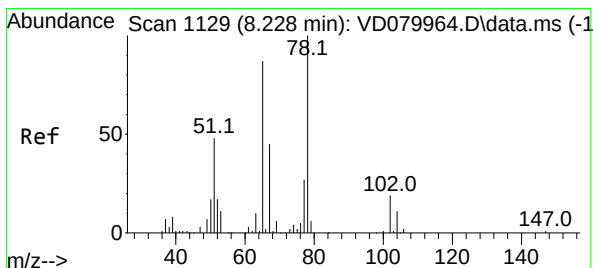
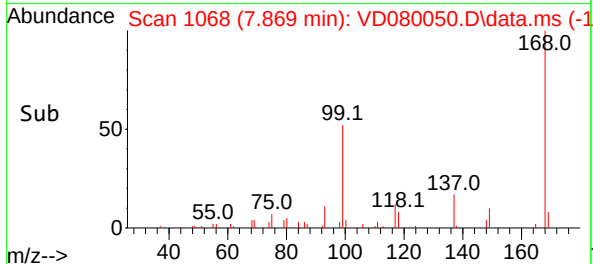
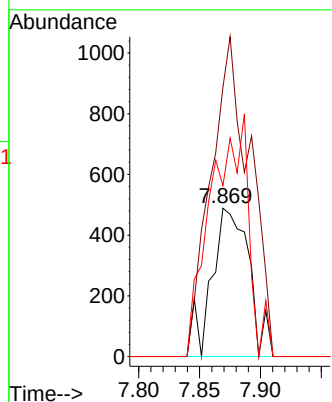
Tgt Ion: 56 Resp: 1043

Ion Ratio Lower Upper

56 100

69 181.4 27.3 40.9#

84 115.1 70.2 105.4#



#33

1,2-Dichloroethane-d4

Concen: 79.491 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD080050.D

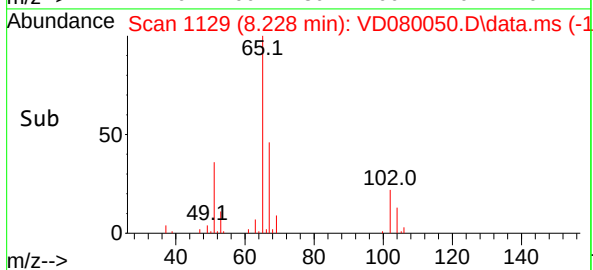
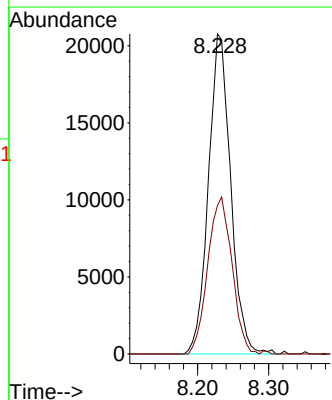
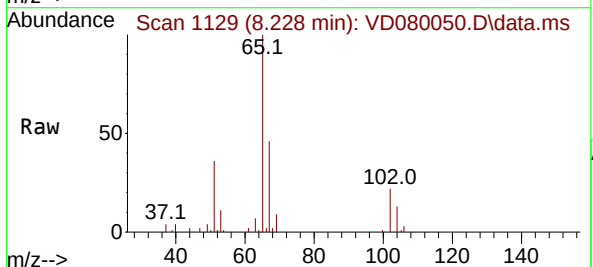
Acq: 17 Nov 2024 18:55

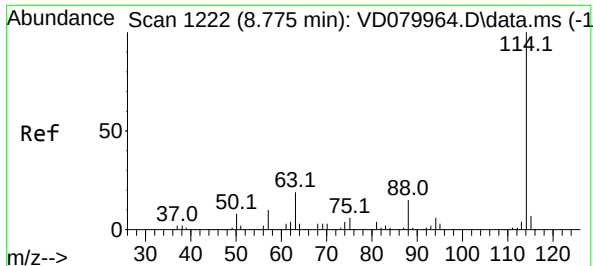
Tgt Ion: 65 Resp: 45253

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD080050.D

Acq: 17 Nov 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :

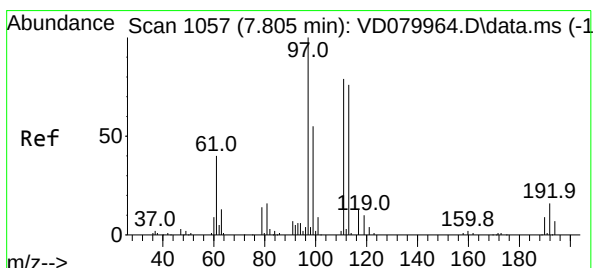
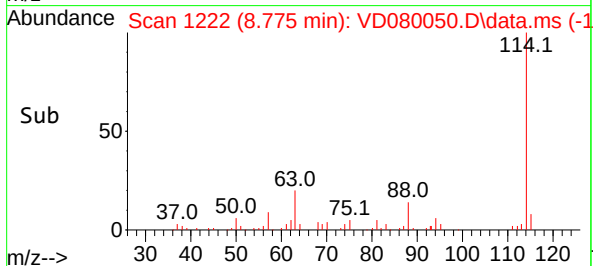
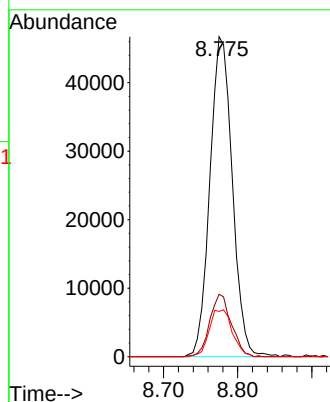
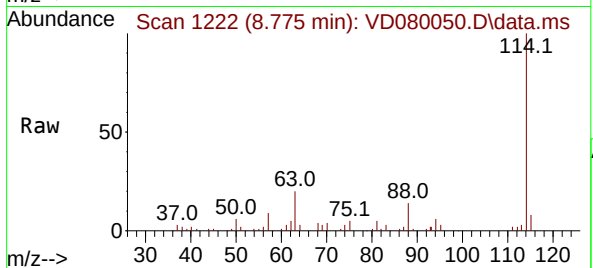
Tgt Ion:114 Resp: 98239

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.8

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 63.797 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD080050.D

Acq: 17 Nov 2024 18:55

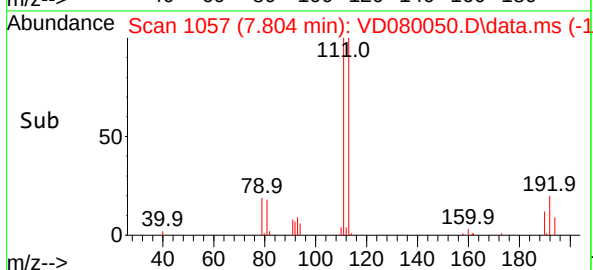
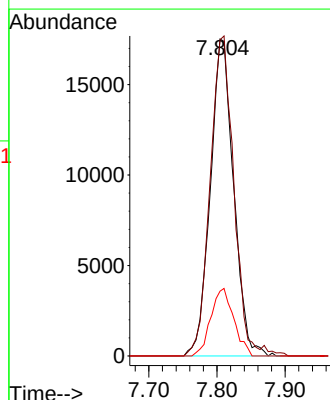
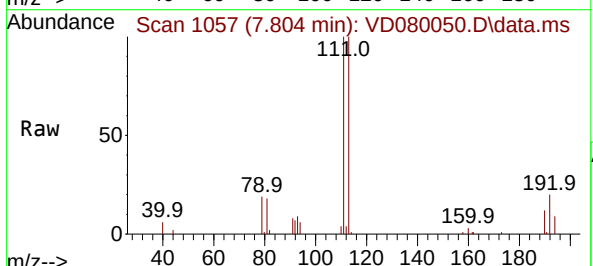
Tgt Ion:113 Resp: 41711

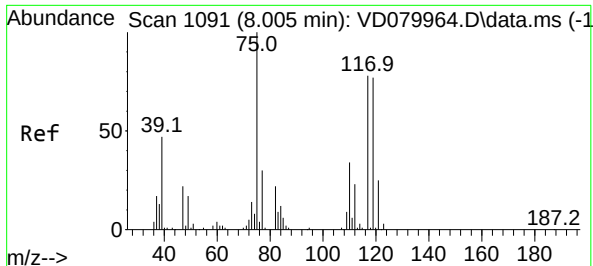
Ion Ratio Lower Upper

113 100

111 102.8 82.5 123.7

192 20.9 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.943 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.124 min

Lab File: VD080050.D

Acq: 17 Nov 2024 18:55

Instrument :

MSVOA_D

ClientSampleId :

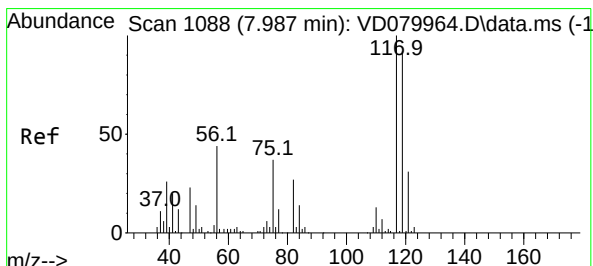
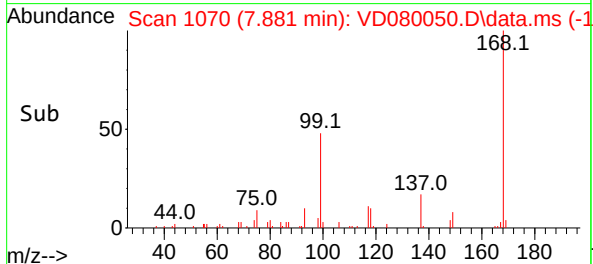
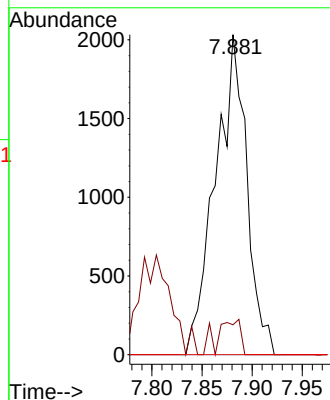
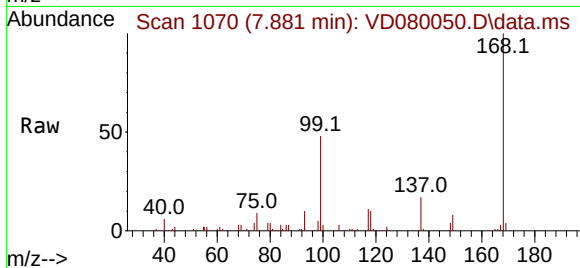
Tgt Ion: 75 Resp: 4419

Ion Ratio Lower Upper

75 100

110 8.1 18.4 55.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 5.584 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.106 min

Lab File: VD080050.D

Acq: 17 Nov 2024 18:55

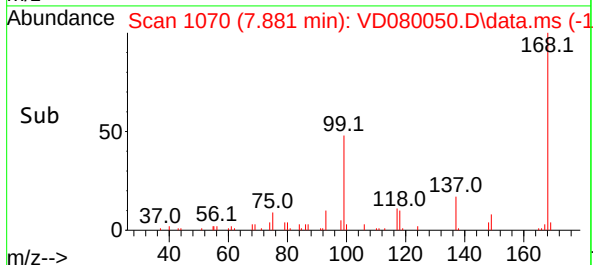
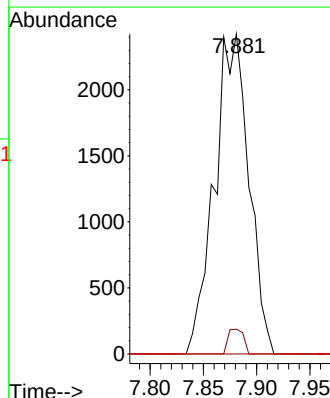
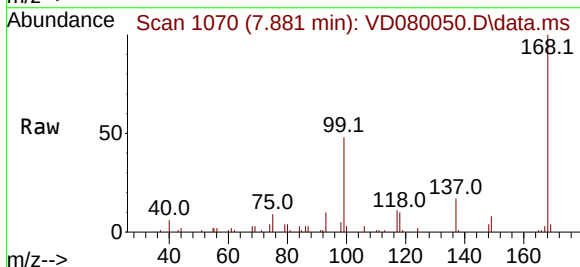
Tgt Ion: 117 Resp: 5454

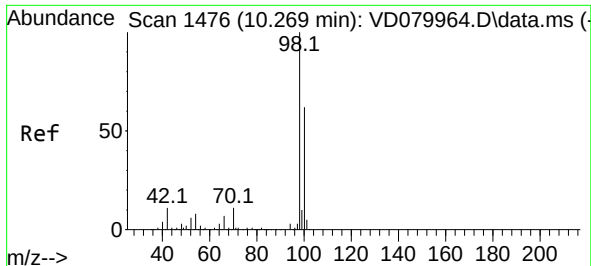
Ion Ratio Lower Upper

117 100

119 7.8 73.4 110.0#

121 0.0 24.5 36.7#

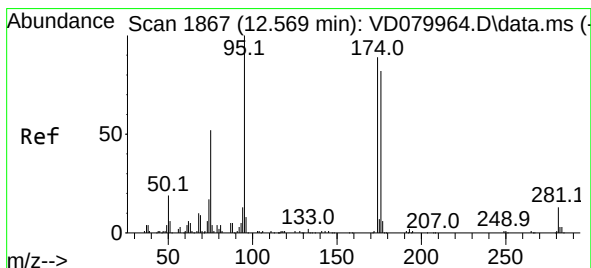
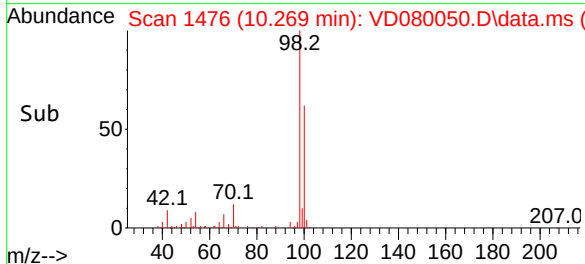
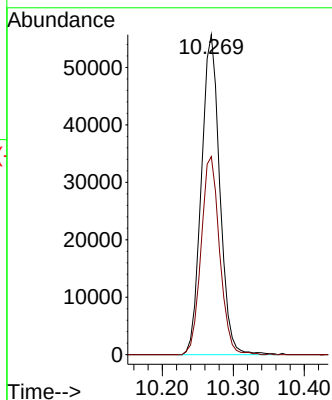
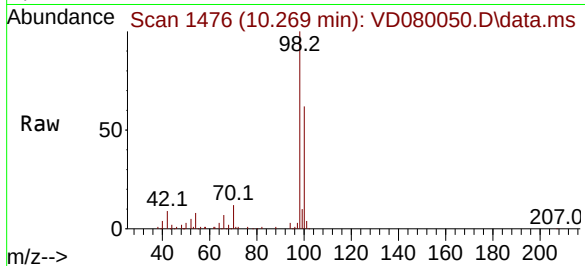




#50
Toluene-d8
Concen: 40.692 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD080050.D
Acq: 17 Nov 2024 18:55

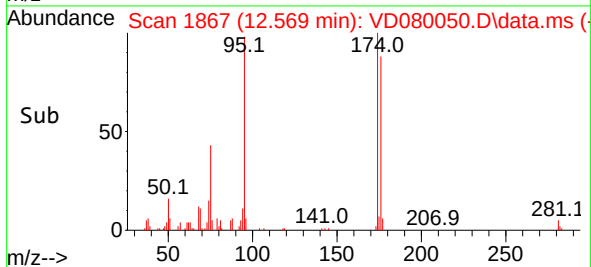
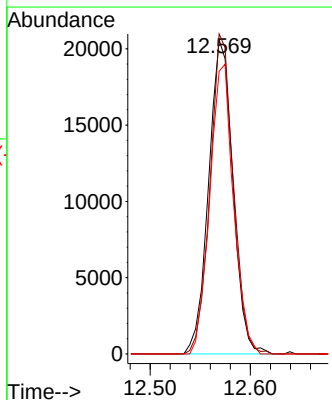
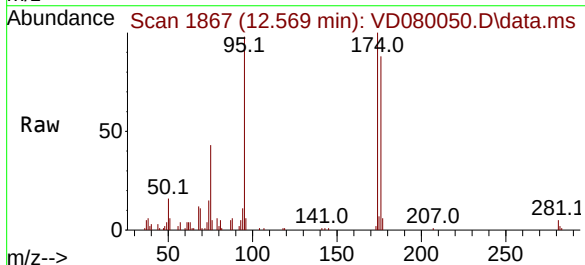
Instrument :
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ClientSampleId :

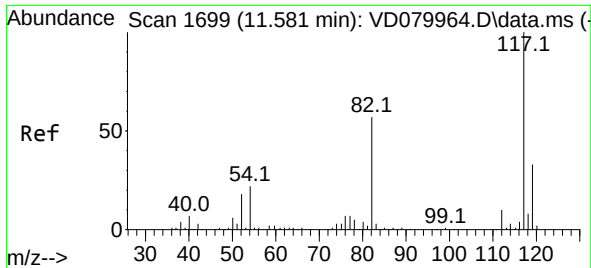
Tgt Ion: 98 Resp: 100273
Ion Ratio Lower Upper
98 100
100 62.4 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 42.807 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD080050.D
Acq: 17 Nov 2024 18:55

Tgt Ion: 95 Resp: 34609
Ion Ratio Lower Upper
95 100
174 97.4 0.0 173.4
176 90.2 0.0 166.6

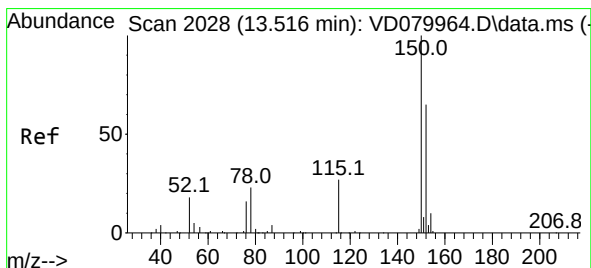
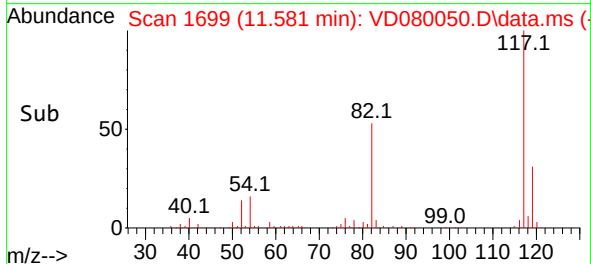
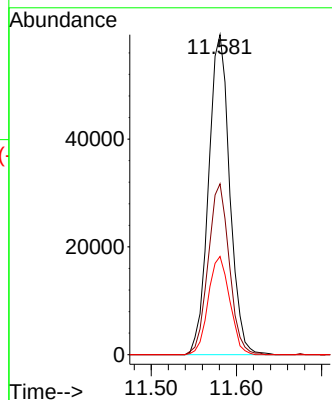
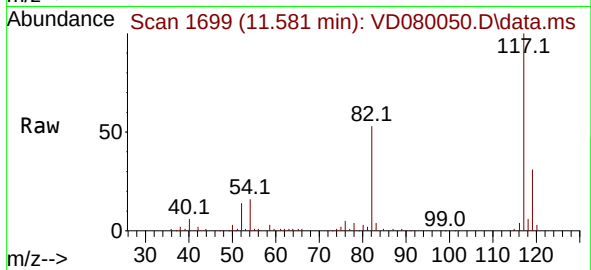




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080050.D
Acq: 17 Nov 2024 18:55

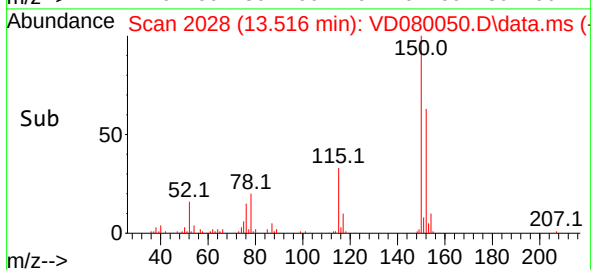
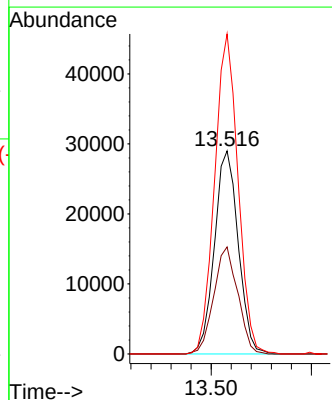
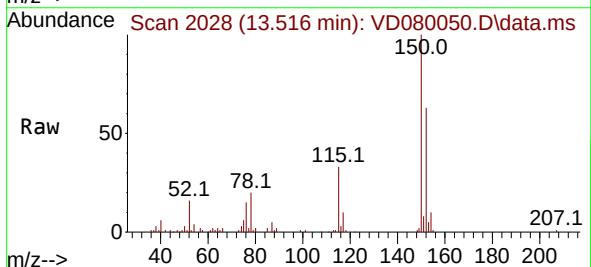
Instrument :
MSVOA_D
ClientSampleId :

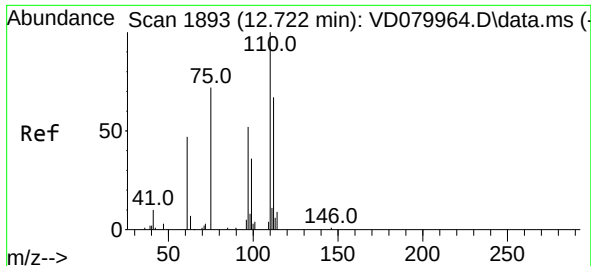
Tgt Ion:117 Resp: 102514
Ion Ratio Lower Upper
117 100
82 53.4 45.8 68.6
119 30.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080050.D
Acq: 17 Nov 2024 18:55

Tgt Ion:152 Resp: 47634
Ion Ratio Lower Upper
152 100
115 53.3 28.9 86.8
150 154.9 0.0 354.8

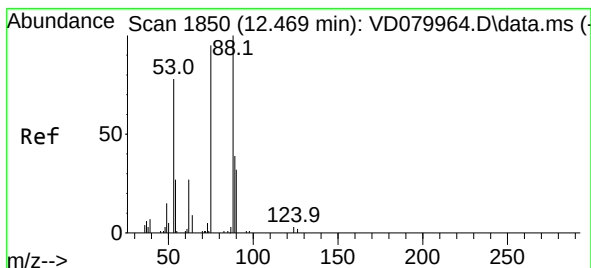
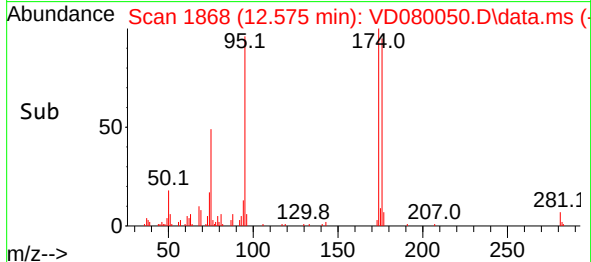
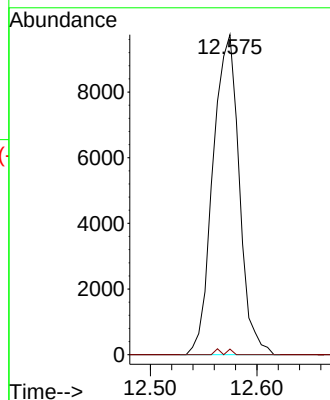
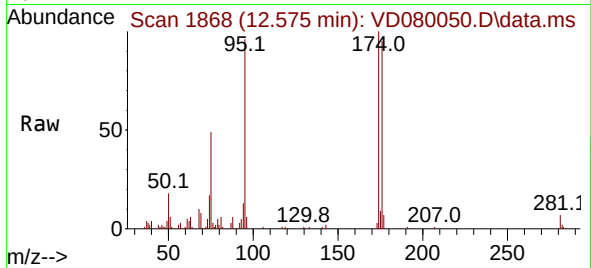




#76
1,2,3-Trichloropropane
Concen: 39.722 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD080050.D
Acq: 17 Nov 2024 18:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 16708
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.298 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD080050.D
Acq: 17 Nov 2024 18:55

Tgt Ion: 75 Resp: 16708
Ion Ratio Lower Upper
75 100
53 0.0 68.7 103.1#
89 0.0 36.1 54.1#

