

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080068.D
 Acq On : 18 Nov 2024 14:51
 Operator : RP/MD
 Sample : P4852-01
 Misc : 4.26G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:47:22 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)

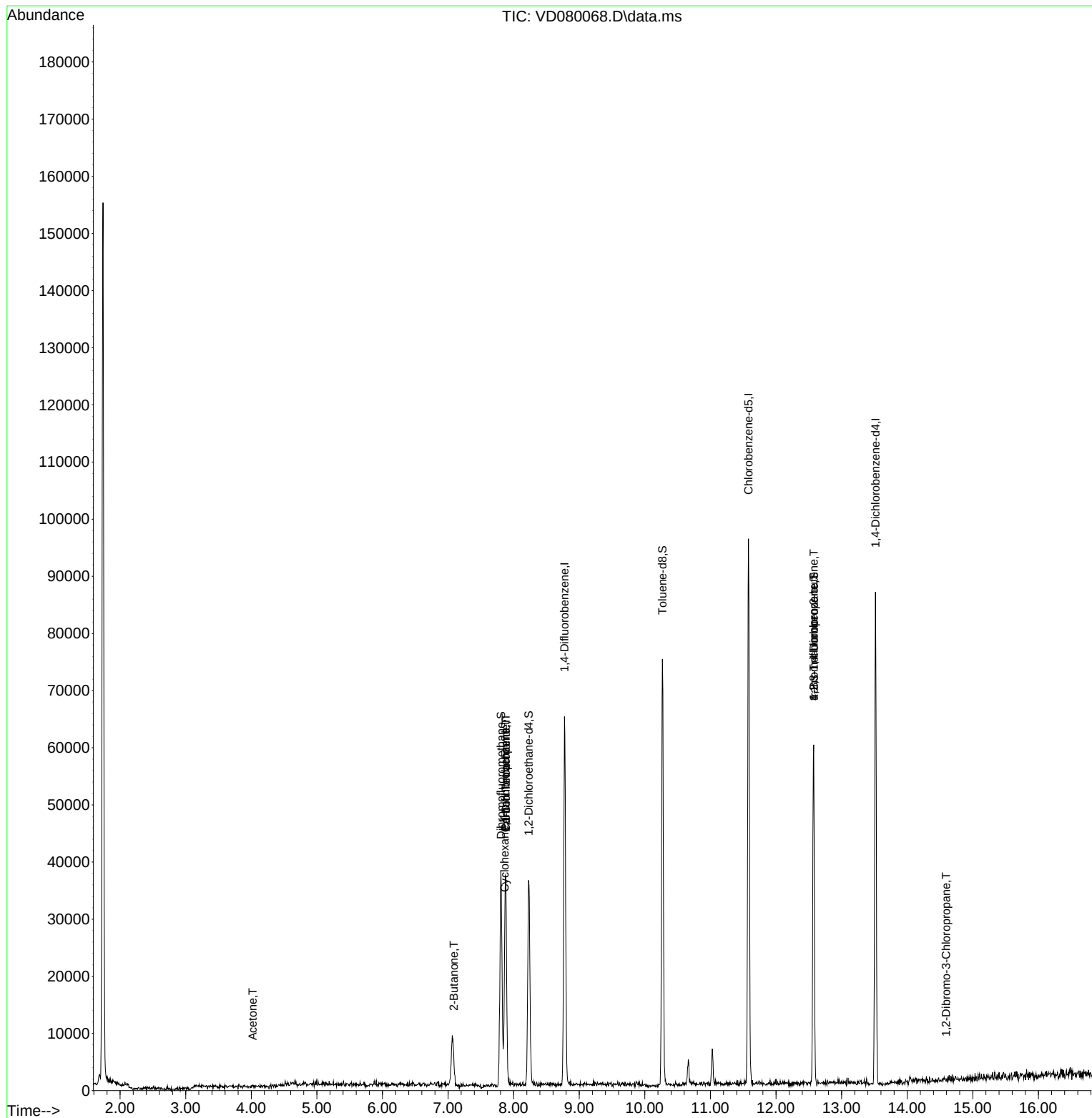
Internal Standards						
1) Pentafluorobenzene	7.875	168	30165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	55816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	56492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	26228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	29210	94.050	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 188.100%#	
35) Dibromofluoromethane	7.810	113	26309	70.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.640%	
50) Toluene-d8	10.269	98	54932	39.235	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 78.460%	
62) 4-Bromofluorobenzene	12.575	95	18890	41.123	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.240%	
Target Compounds						Qvalue
16) Acetone	4.022	43	229	3.398	ug/l #	43
25) 2-Butanone	7.087	43	453	5.144	ug/l #	47
31) Cyclohexane	7.863	56	776	1.534	ug/l #	53
36) 1,1-Dichloropropene	7.881	75	2370	4.666	ug/l #	40
38) Carbon Tetrachloride	7.881	117	2510	4.523	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	9017	38.934	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	9017	79.683	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.592	75	55	1.119	ug/l #	2

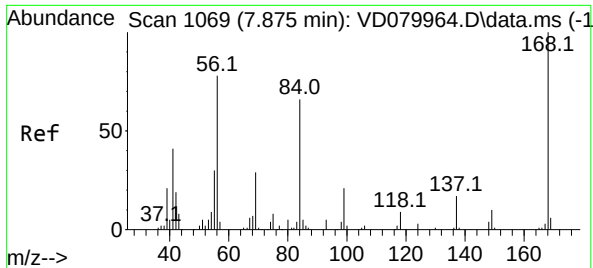
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

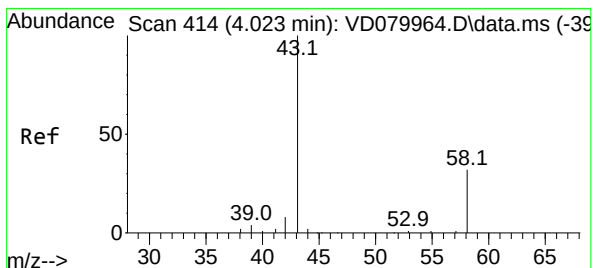
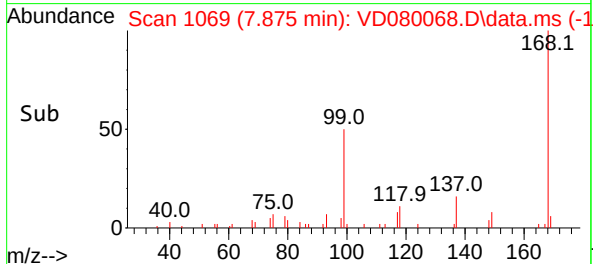
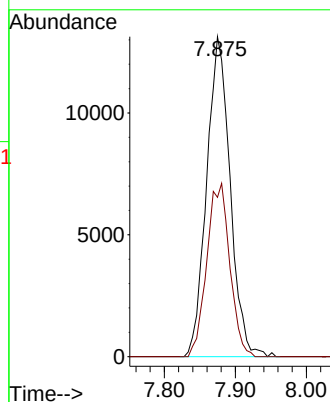
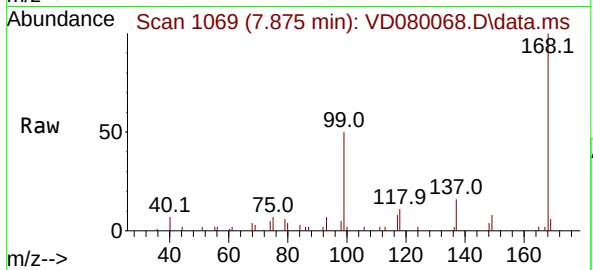




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD080068.D
Acq: 18 Nov 2024 14:51

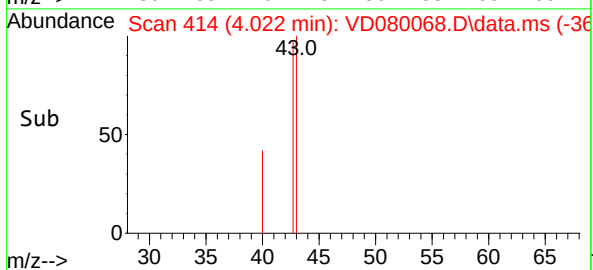
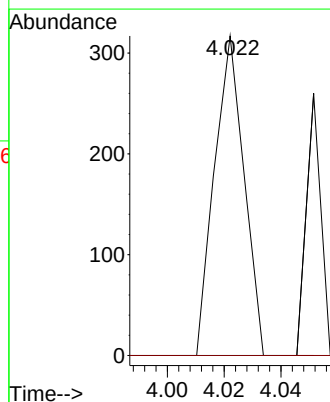
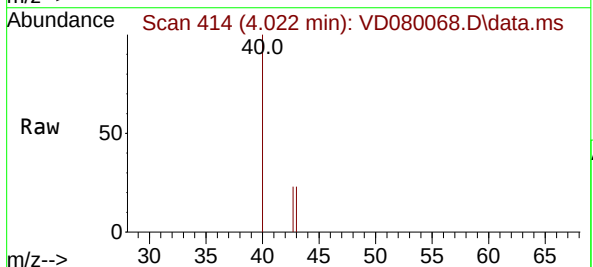
Instrument :
MSVOA_D
ClientSampleId :

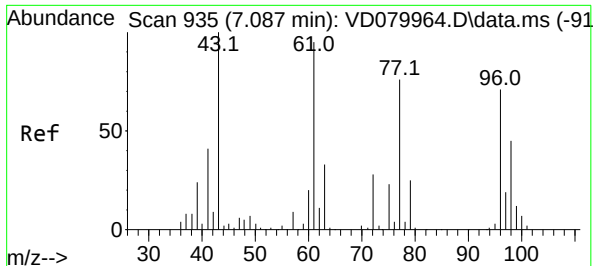
Tgt Ion:168 Resp: 30165
Ion Ratio Lower Upper
168 100
99 49.8 46.0 69.0



#16
Acetone
Concen: 3.398 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD080068.D
Acq: 18 Nov 2024 14:51

Tgt Ion: 43 Resp: 229
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#

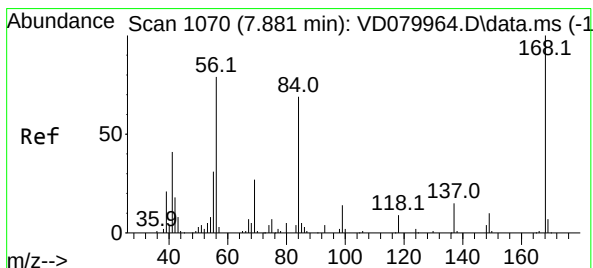
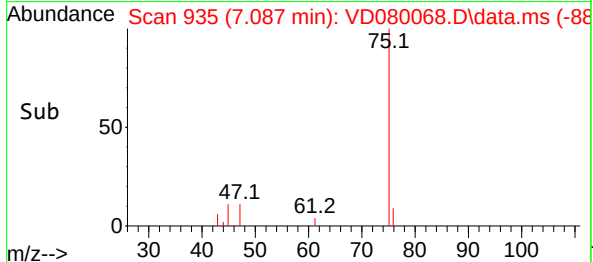
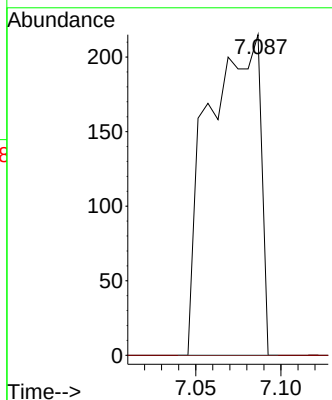
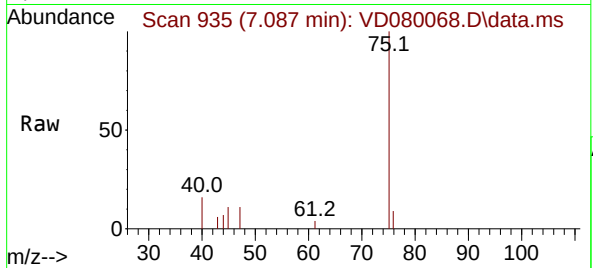




#25
2-Butanone
Concen: 5.144 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080068.D
Acq: 18 Nov 2024 14:51

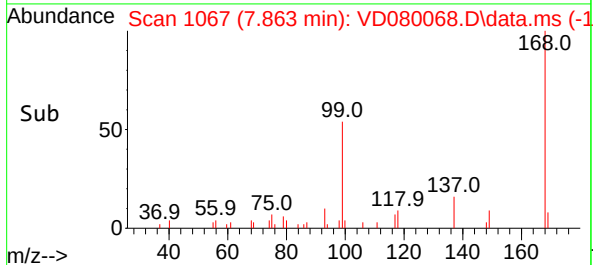
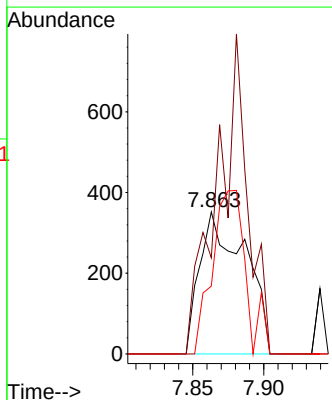
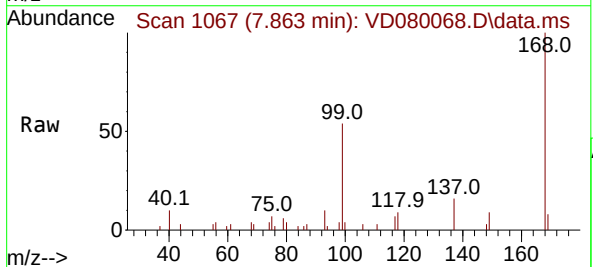
Instrument :
MSVOA_D
ClientSampleId :

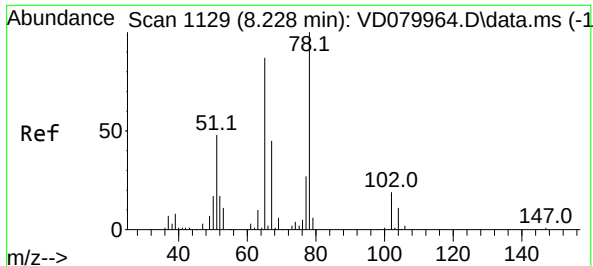
Tgt Ion: 43 Resp: 453
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#



#31
Cyclohexane
Concen: 1.534 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.018 min
Lab File: VD080068.D
Acq: 18 Nov 2024 14:51

Tgt Ion: 56 Resp: 776
Ion Ratio Lower Upper
56 100
69 67.6 27.3 40.9#
84 47.7 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 94.050 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD080068.D

Acq: 18 Nov 2024 14:51

Instrument :

MSVOA_D

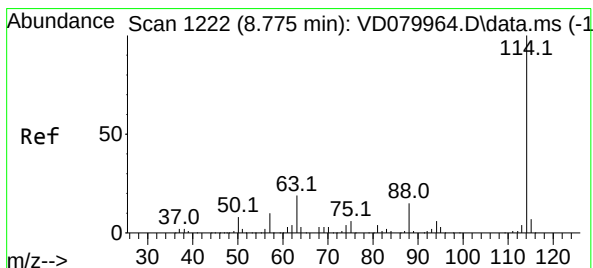
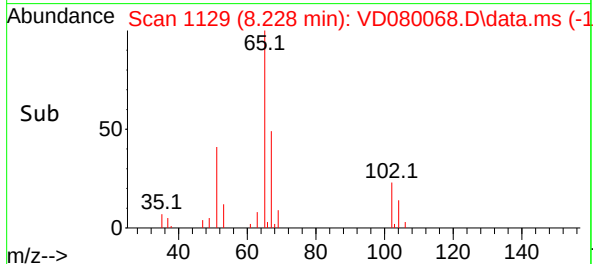
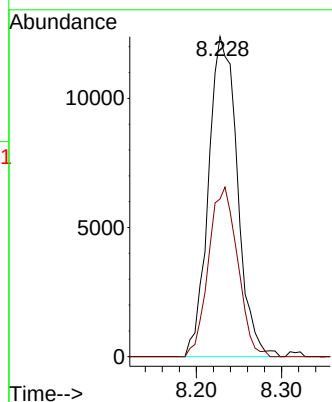
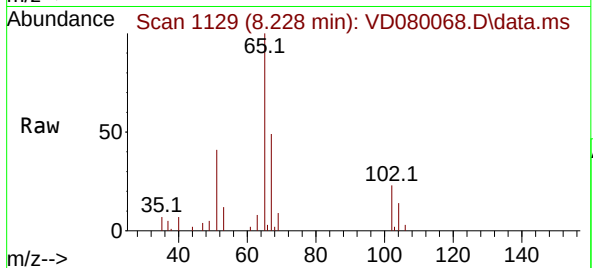
ClientSampleId :

Tgt Ion: 65 Resp: 29210

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD080068.D

Acq: 18 Nov 2024 14:51

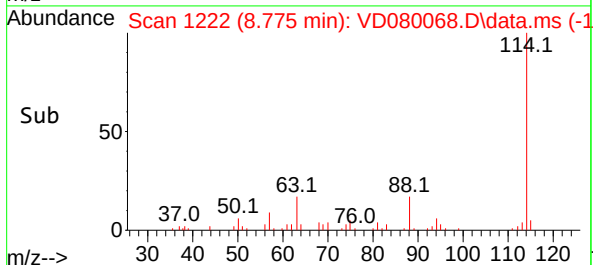
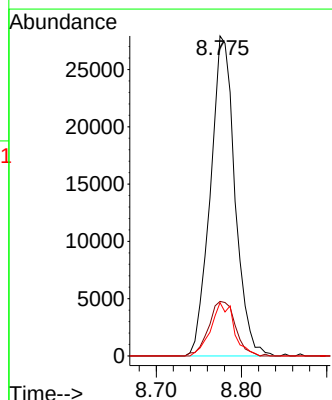
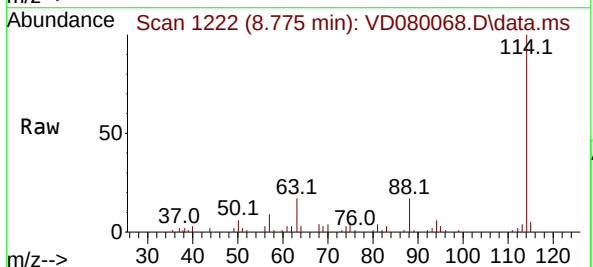
Tgt Ion: 114 Resp: 55816

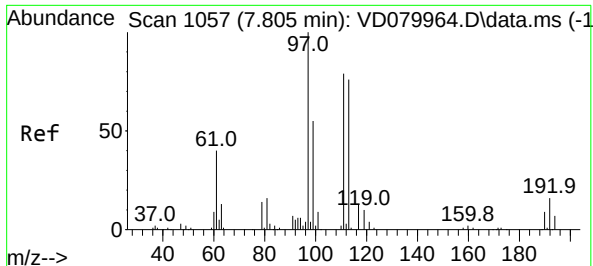
Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.8

88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 70.823 ug/l

RT: 7.810 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD080068.D

Acq: 18 Nov 2024 14:51

Instrument :

MSVOA_D

ClientSampleId :

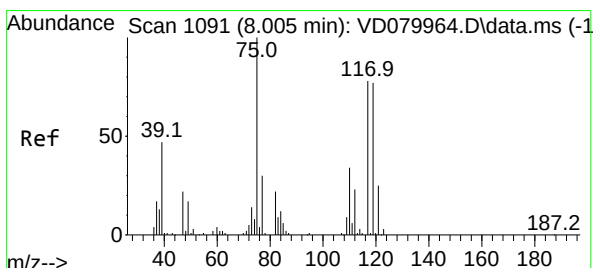
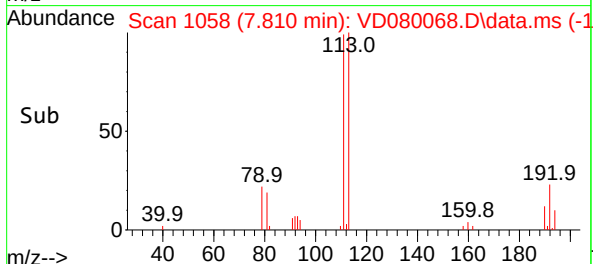
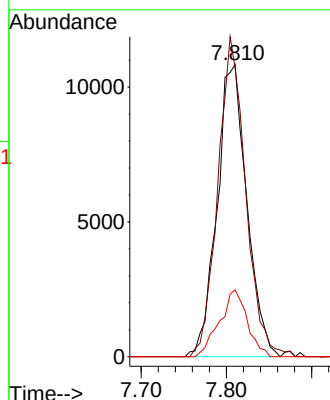
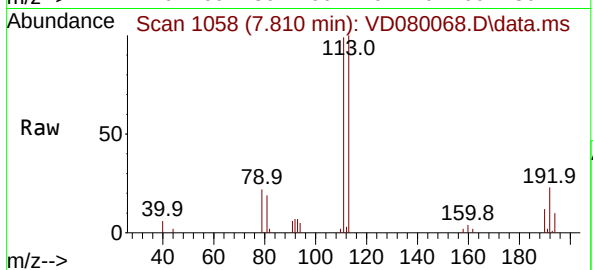
Tgt Ion:113 Resp: 26309

Ion Ratio Lower Upper

113 100

111 102.0 82.5 123.7

192 21.2 16.6 25.0



#36

1,1-Dichloropropene

Concen: 4.666 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.124 min

Lab File: VD080068.D

Acq: 18 Nov 2024 14:51

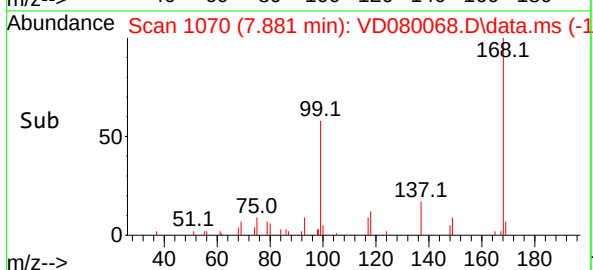
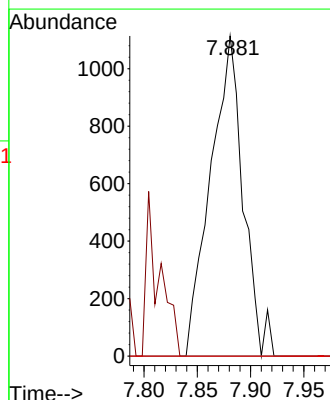
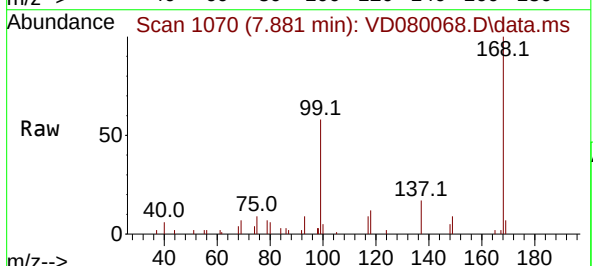
Tgt Ion: 75 Resp: 2370

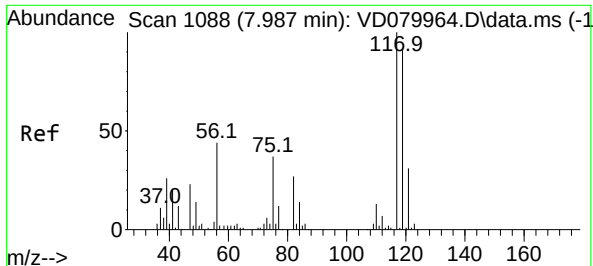
Ion Ratio Lower Upper

75 100

110 0.0 18.4 55.0#

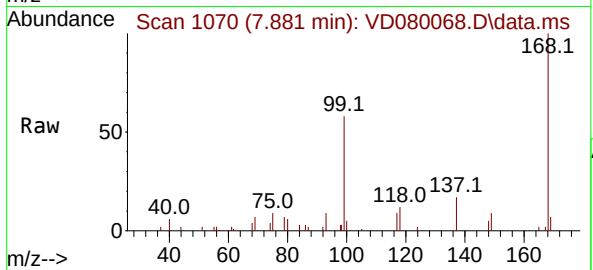
77 0.0 25.6 38.4#



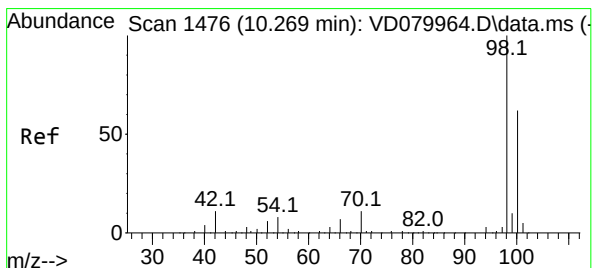
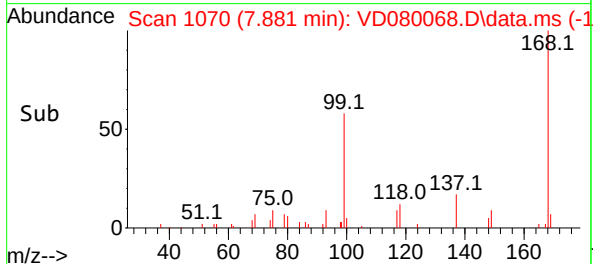
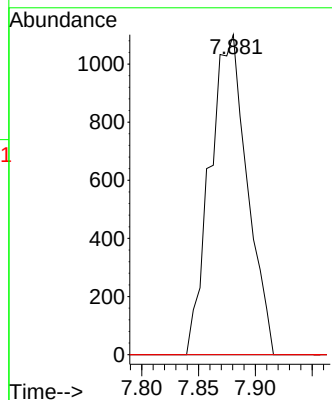


#38
Carbon Tetrachloride
Concen: 4.523 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.106 min
Lab File: VD080068.D
Acq: 18 Nov 2024 14:51

Instrument :
MSVOA_D
ClientSampleId :

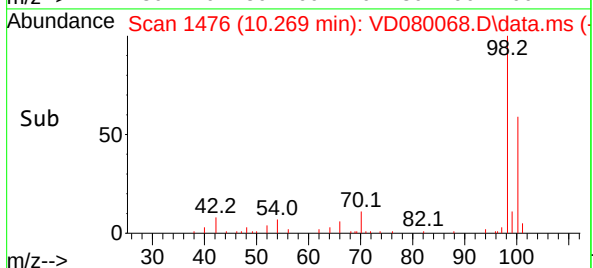
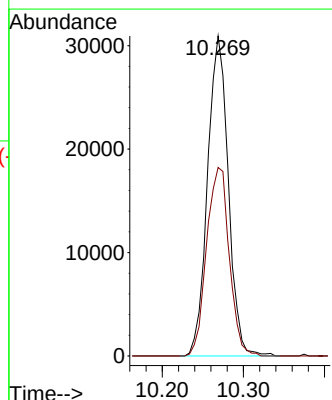
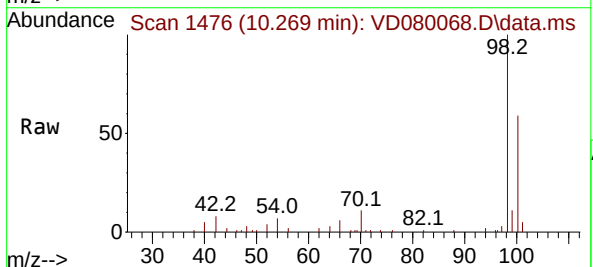


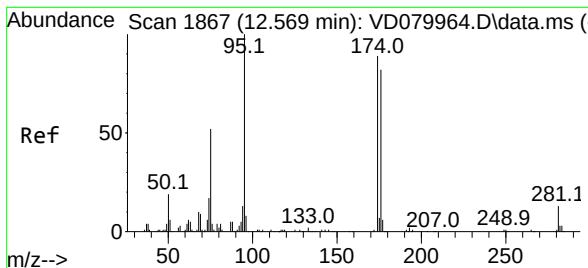
Tgt Ion:117 Resp: 2510
Ion Ratio Lower Upper
117 100
119 0.0 73.4 110.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 39.235 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD080068.D
Acq: 18 Nov 2024 14:51

Tgt Ion: 98 Resp: 54932
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.4

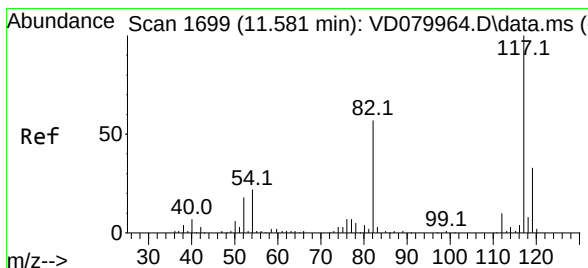
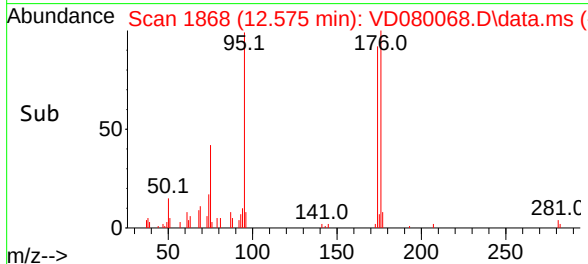
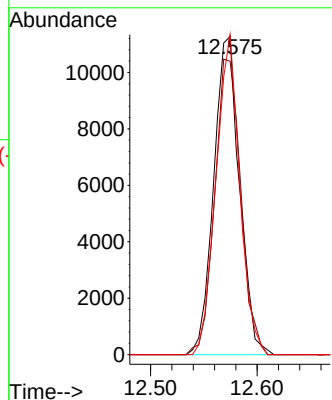
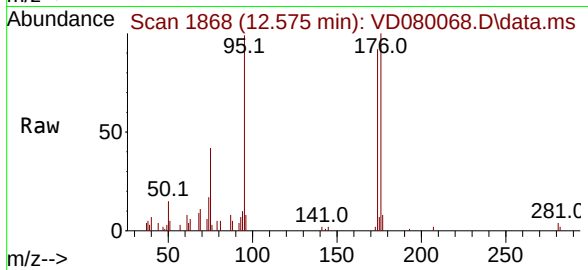




#62
4-Bromofluorobenzene
Concen: 41.123 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD080068.D
Acq: 18 Nov 2024 14:51

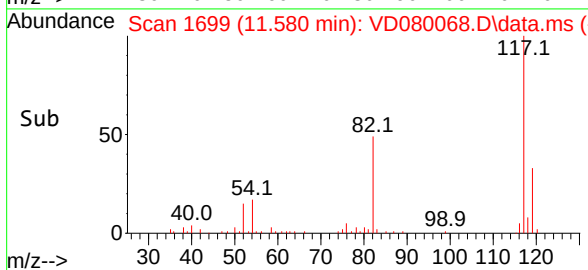
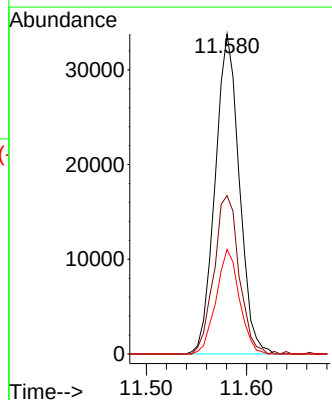
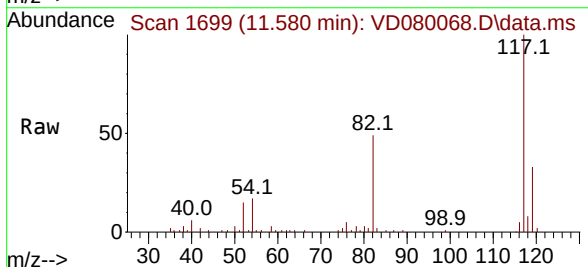
Instrument :
MSVOA_D
ClientSampleId :

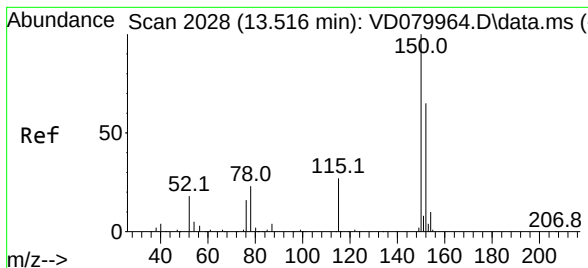
Tgt Ion: 95 Resp: 18890
Ion Ratio Lower Upper
95 100
174 94.1 0.0 173.4
176 92.8 0.0 166.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.001 min
Lab File: VD080068.D
Acq: 18 Nov 2024 14:51

Tgt Ion: 117 Resp: 56492
Ion Ratio Lower Upper
117 100
82 49.4 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# 20

Delta R.T. -0.000 min

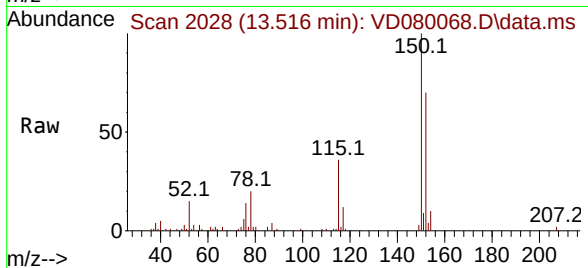
Lab File: VD080068.D

Acq: 18 Nov 2024 14:51

Instrument :

MSVOA_D

ClientSampleId :



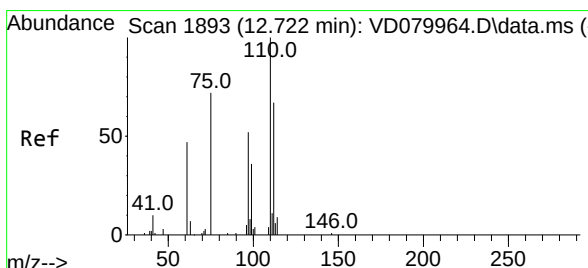
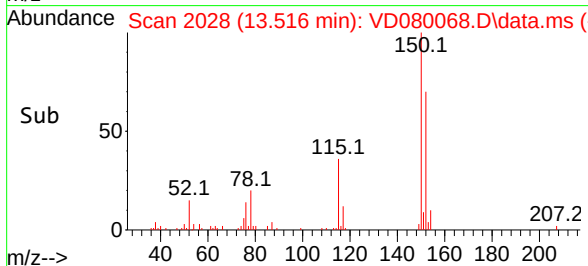
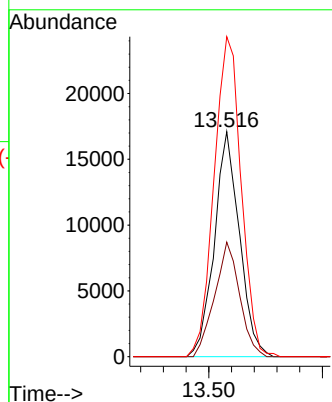
Tgt Ion:152 Resp: 26228

Ion Ratio Lower Upper

152 100

115 50.8 28.9 86.8

150 153.5 0.0 354.8



#76

1,2,3-Trichloropropane

Concen: 38.934 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD080068.D

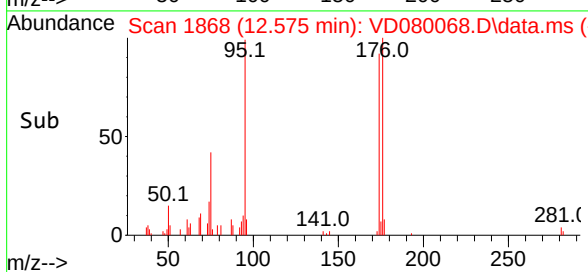
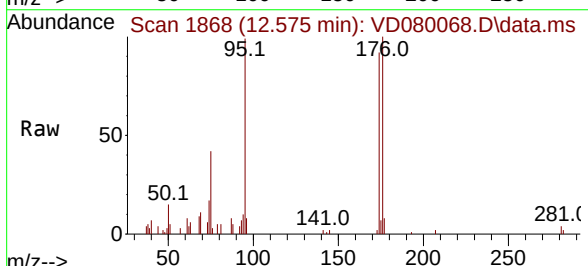
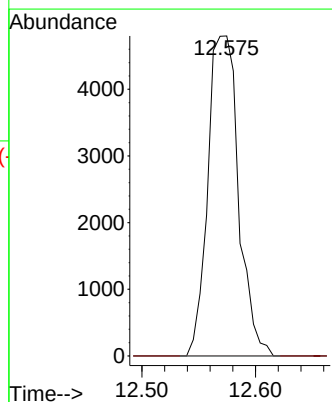
Acq: 18 Nov 2024 14:51

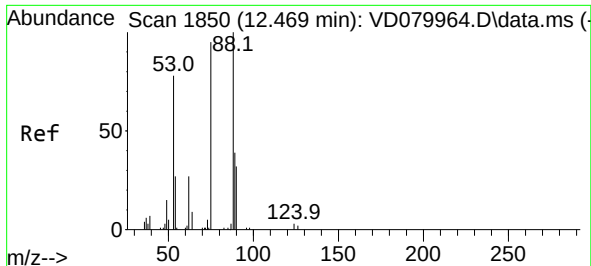
Tgt Ion: 75 Resp: 9017

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

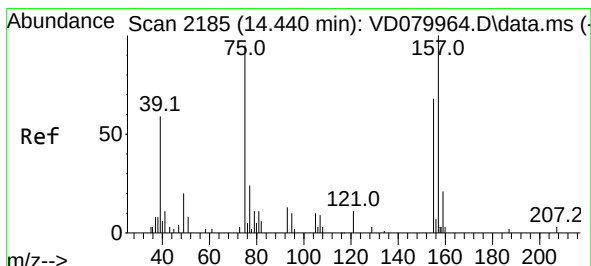
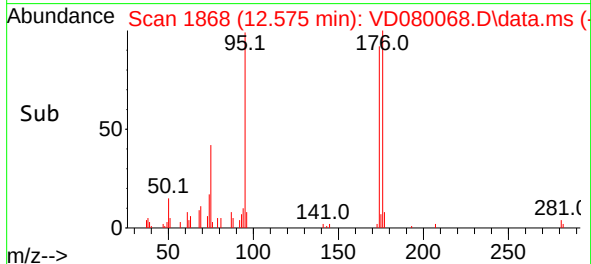
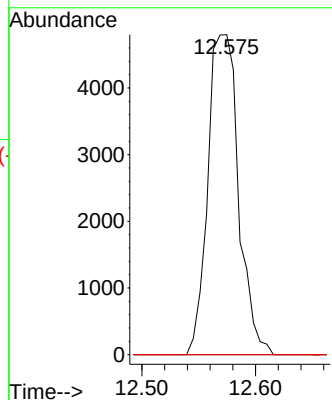
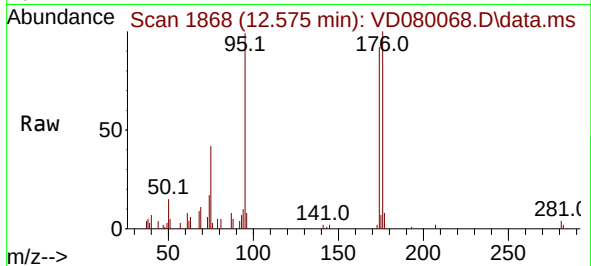




#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.683 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD080068.D
 Acq: 18 Nov 2024 14:51

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 9017
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.7 103.1#
 89 0.0 36.1 54.1#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.119 ug/l
 RT: 14.592 min Scan# 2211
 Delta R.T. 0.152 min
 Lab File: VD080068.D
 Acq: 18 Nov 2024 14:51

Tgt Ion: 75 Resp: 55
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.6 122.0#
 157 0.0 53.3 159.9#

