

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080043.D
 Acq On : 17 Nov 2024 15:46
 Operator : RP/MD
 Sample : P4838-03
 Misc : 5.10G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 04:24:45 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)

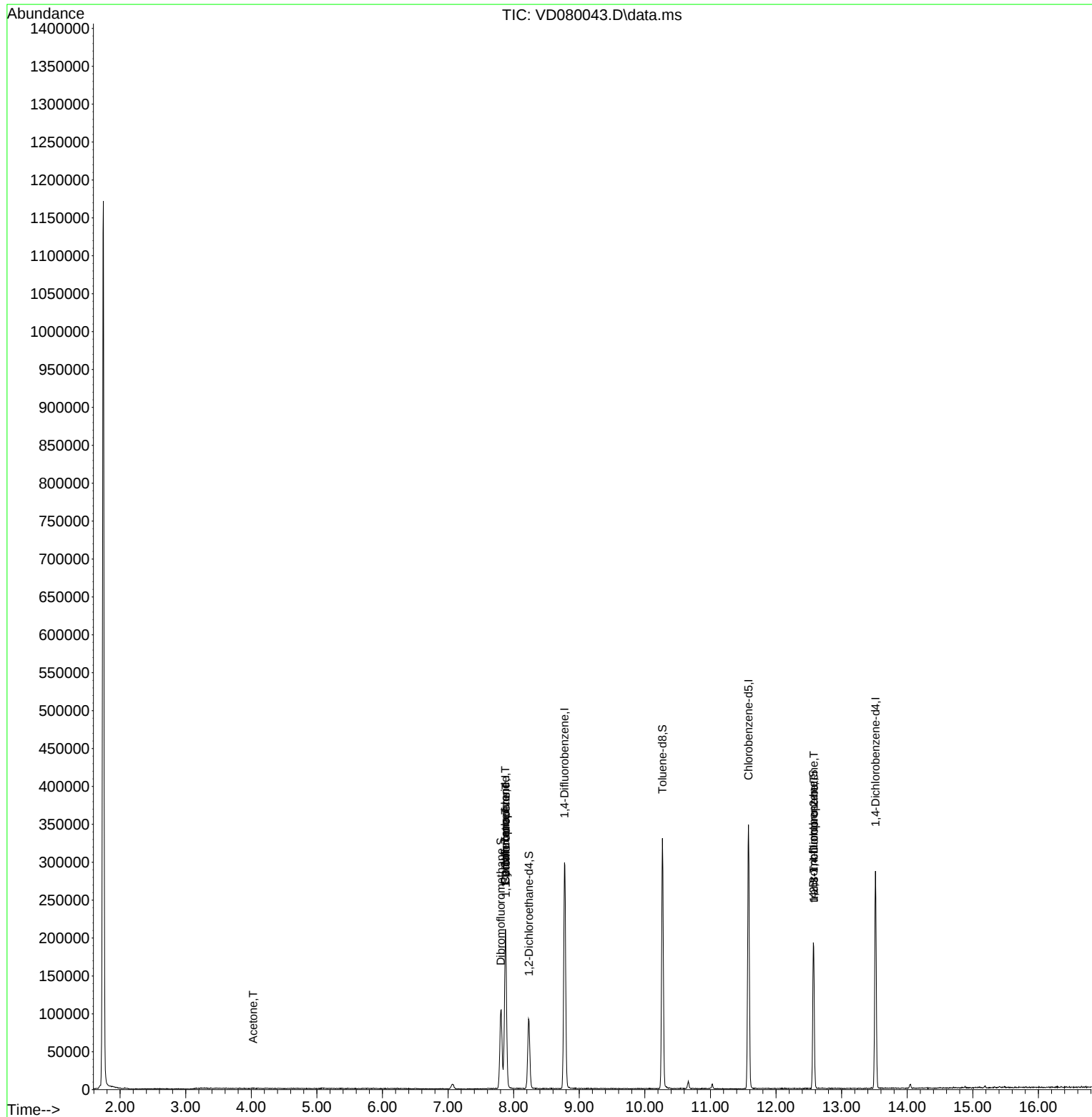
Internal Standards						
1) Pentafluorobenzene	7.875	168	162011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	275077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	217958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	80040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73880	44.291	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.580%		
35) Dibromofluoromethane	7.804	113	78020	42.617	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.240%		
50) Toluene-d8	10.269	98	231932	33.613	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	67.220%		
62) 4-Bromofluorobenzene	12.569	95	60938	26.918	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	53.840%		
Target Compounds						Qvalue
16) Acetone	4.028	43	379	1.047	ug/l #	85
31) Cyclohexane	7.875	56	3088	1.137	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	11481	4.586	ug/l #	48
38) Carbon Tetrachloride	7.875	117	15491	5.664	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	29230	41.357	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	29230	84.643	ug/l #	15

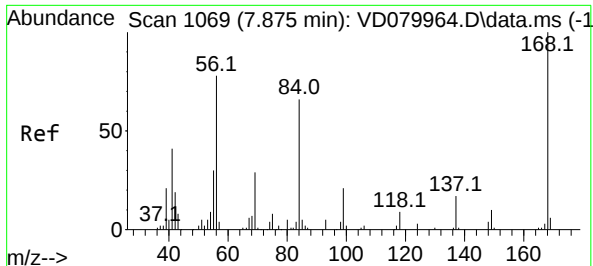
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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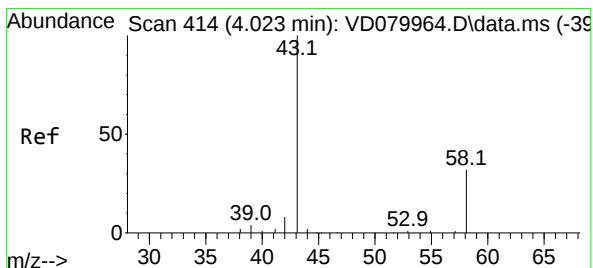
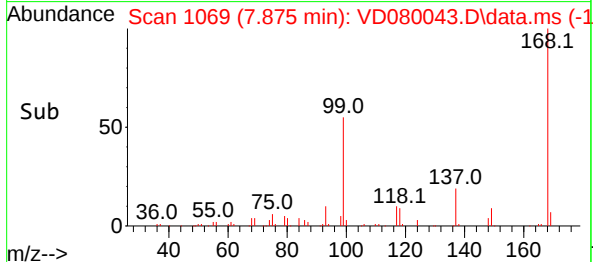
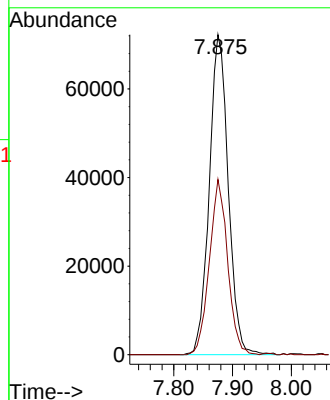
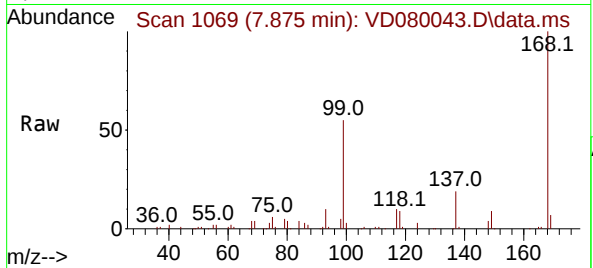




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080043.D
Acq: 17 Nov 2024 15:46

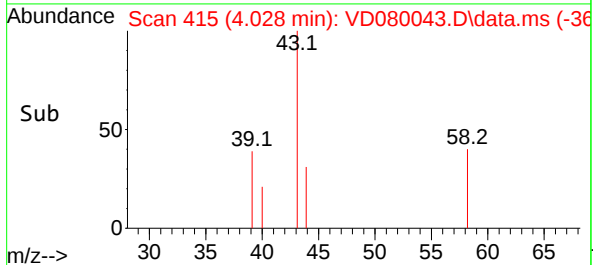
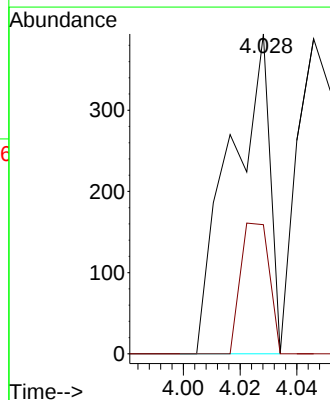
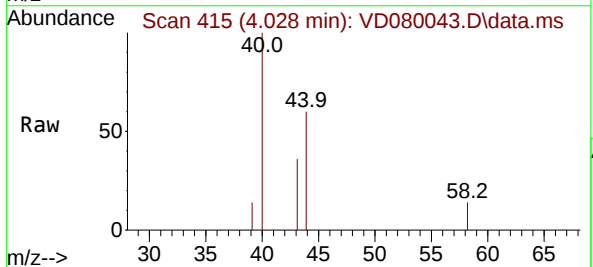
Instrument :
MSVOA_D
ClientSampleId :

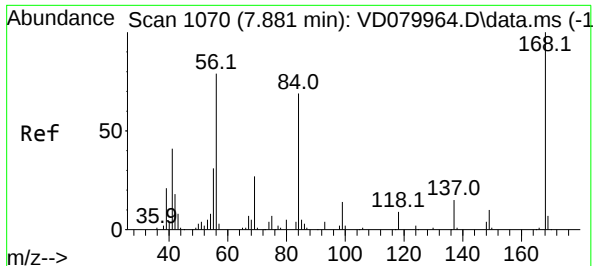
Tgt Ion:168 Resp: 162011
Ion Ratio Lower Upper
168 100
99 54.8 46.0 69.0



#16
Acetone
Concen: 1.047 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.005 min
Lab File: VD080043.D
Acq: 17 Nov 2024 15:46

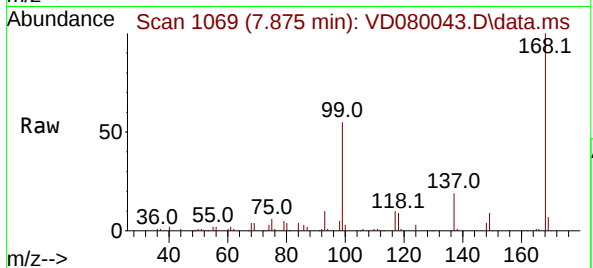
Tgt Ion: 43 Resp: 379
Ion Ratio Lower Upper
43 100
58 40.4 25.4 38.2#



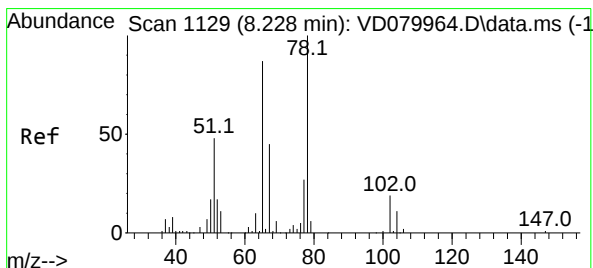
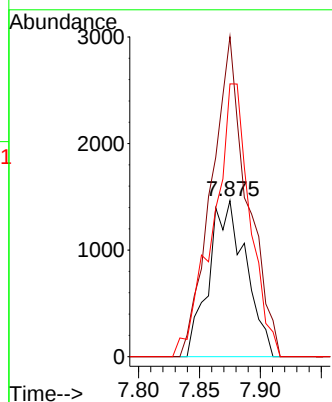
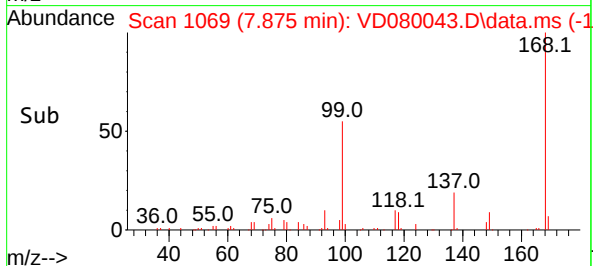


#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD080043.D
Acq: 17 Nov 2024 15:46

Instrument :
MSVOA_D
ClientSampleId :

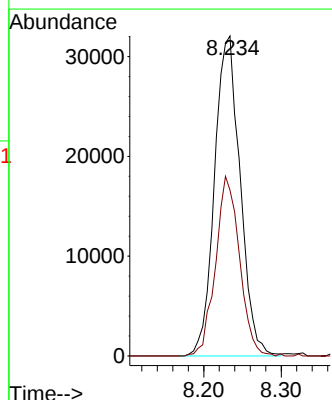
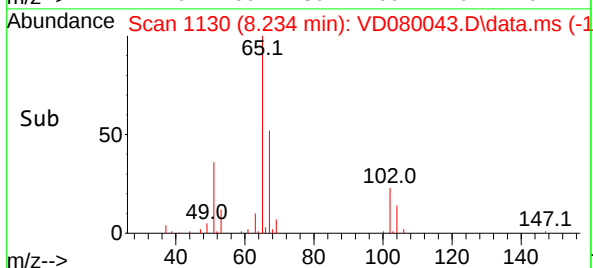
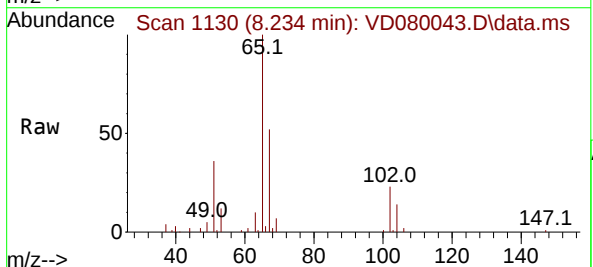


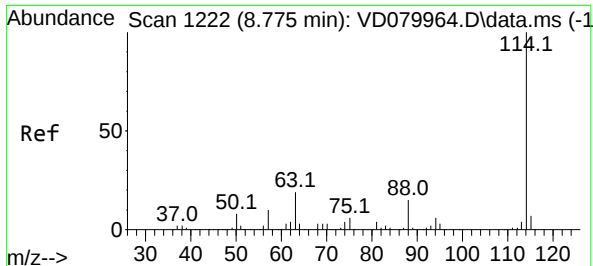
Tgt Ion: 56 Resp: 3088
Ion Ratio Lower Upper
56 100
69 205.1 27.3 40.9#
84 174.9 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 44.291 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD080043.D
Acq: 17 Nov 2024 15:46

Tgt Ion: 65 Resp: 73880
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080043.D

Acq: 17 Nov 2024 15:46

Instrument :

MSVOA_D

ClientSampleId :

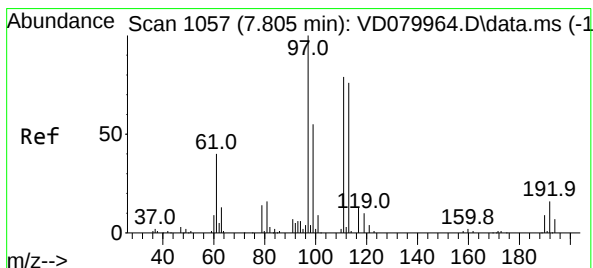
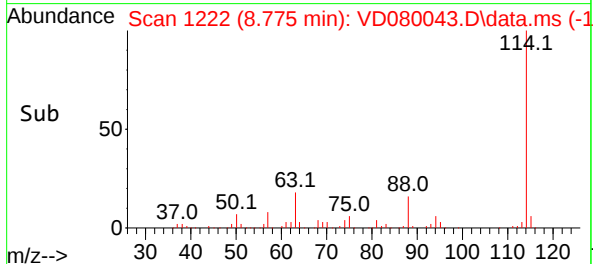
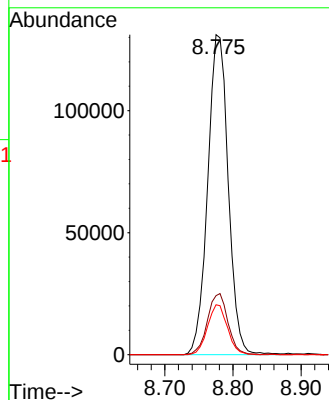
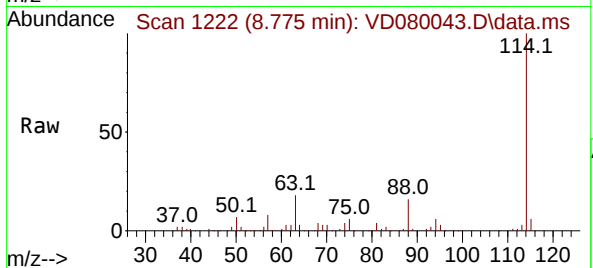
Tgt Ion:114 Resp: 275077

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.8

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 42.617 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD080043.D

Acq: 17 Nov 2024 15:46

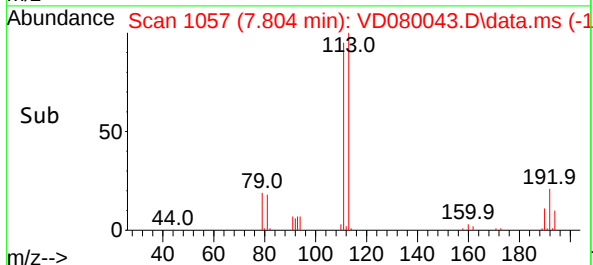
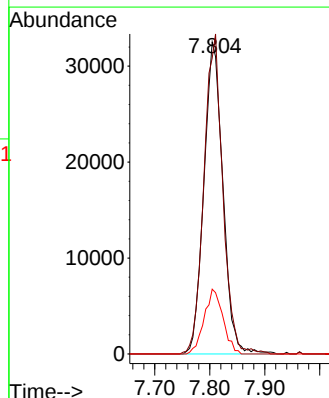
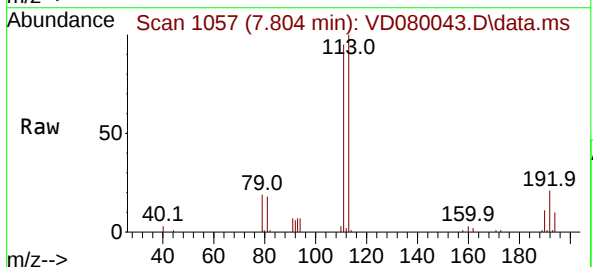
Tgt Ion:113 Resp: 78020

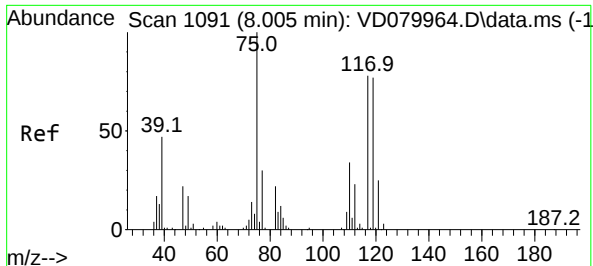
Ion Ratio Lower Upper

113 100

111 101.5 82.5 123.7

192 20.6 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.586 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.124 min

Lab File: VD080043.D

Acq: 17 Nov 2024 15:46

Instrument :

MSVOA_D

ClientSampleId :

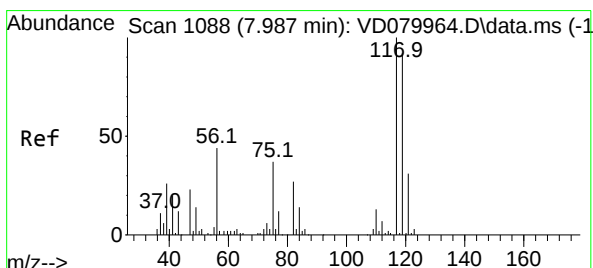
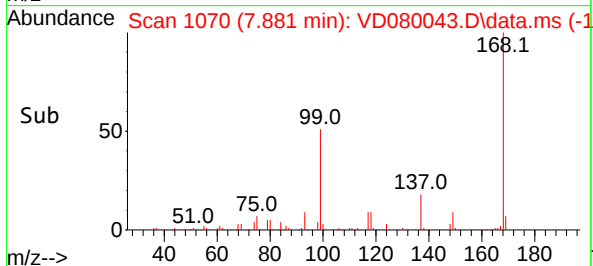
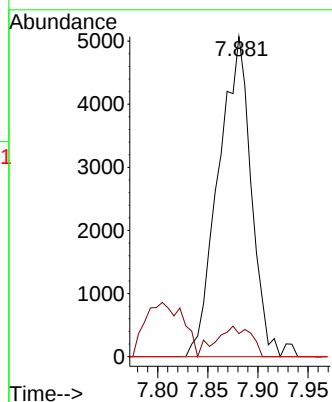
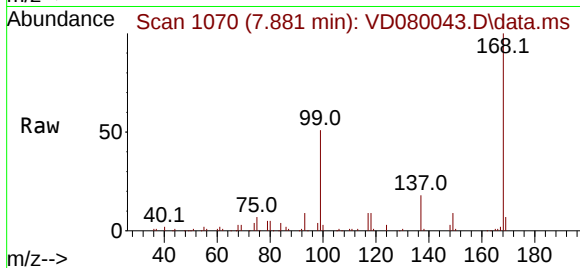
Tgt Ion: 75 Resp: 11481

Ion Ratio Lower Upper

75 100

110 8.8 18.4 55.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 5.664 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD080043.D

Acq: 17 Nov 2024 15:46

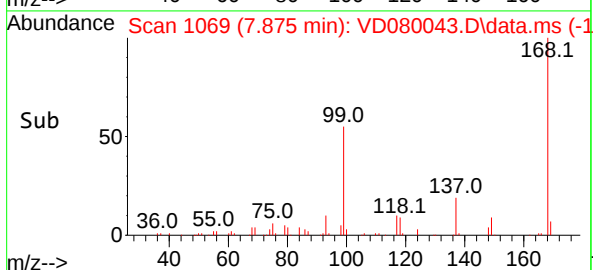
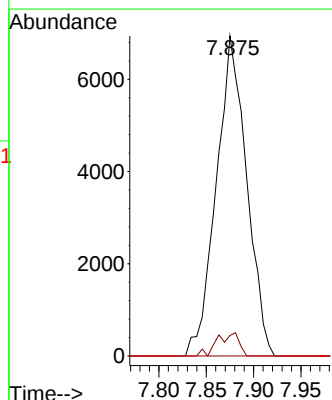
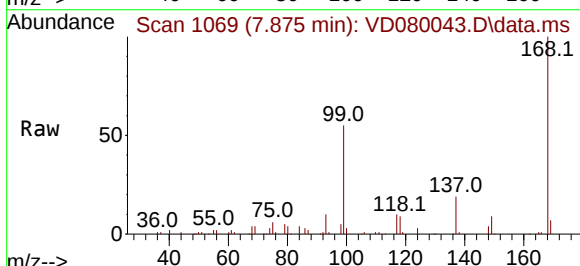
Tgt Ion: 117 Resp: 15491

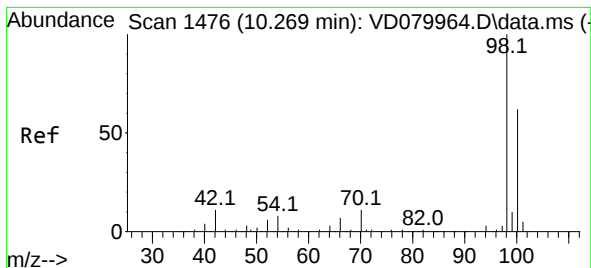
Ion Ratio Lower Upper

117 100

119 6.4 73.4 110.0#

121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 33.613 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080043.D

Acq: 17 Nov 2024 15:46

Instrument :

MSVOA_D

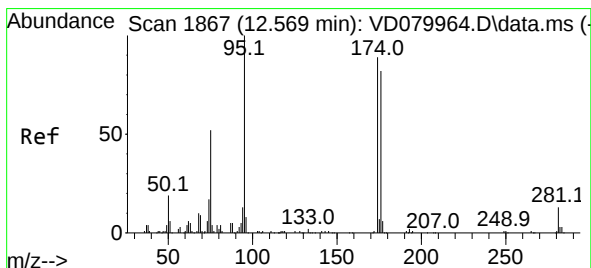
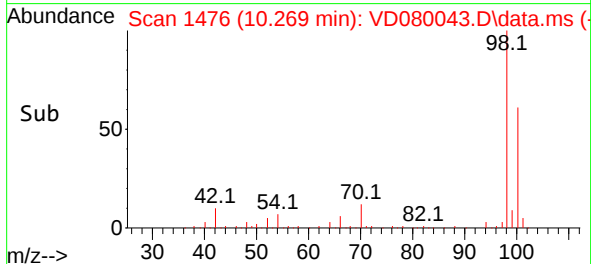
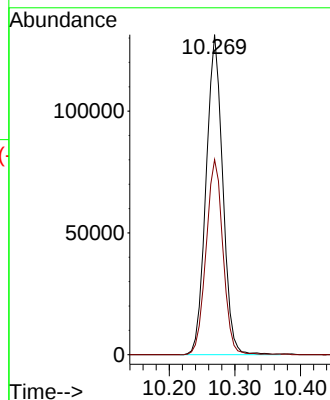
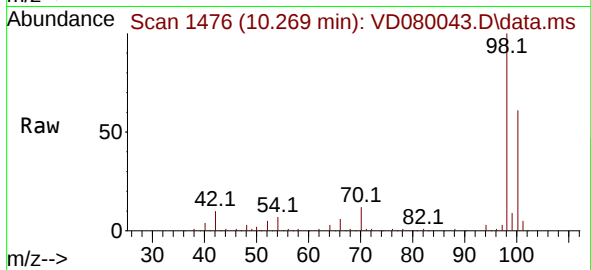
ClientSampleId :

Tgt Ion: 98 Resp: 231932

Ion Ratio Lower Upper

98 100

100 61.9 50.2 75.4



#62

4-Bromofluorobenzene

Concen: 26.918 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD080043.D

Acq: 17 Nov 2024 15:46

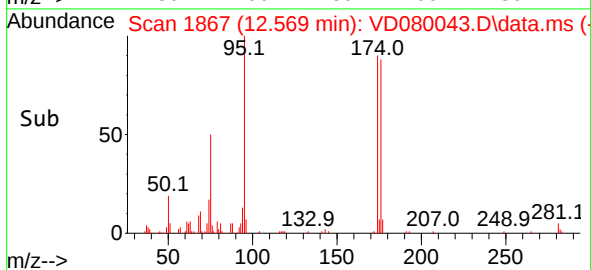
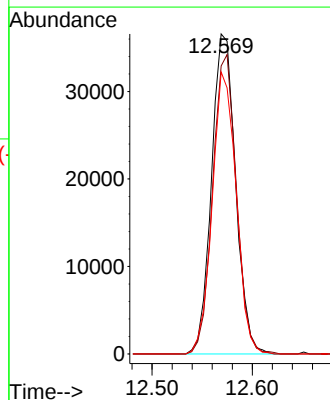
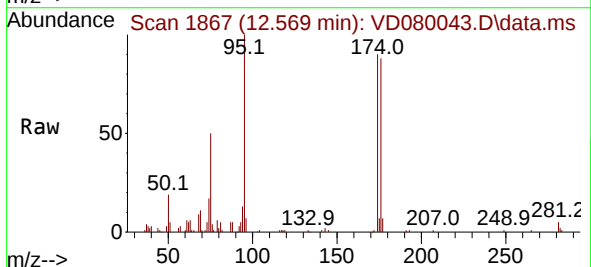
Tgt Ion: 95 Resp: 60938

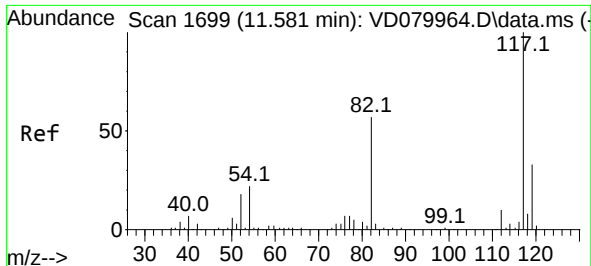
Ion Ratio Lower Upper

95 100

174 92.5 0.0 173.4

176 87.8 0.0 166.6

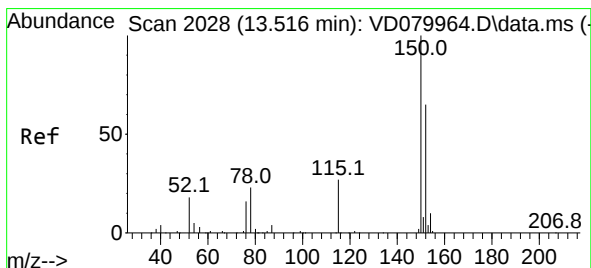
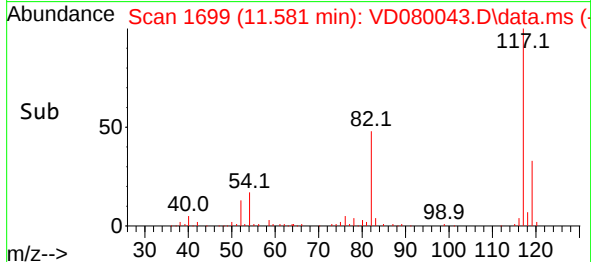
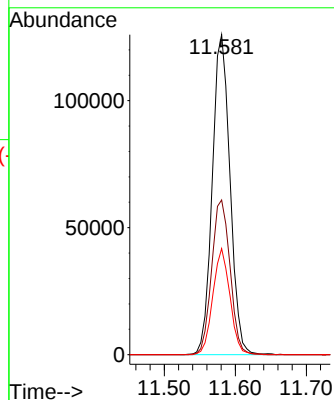
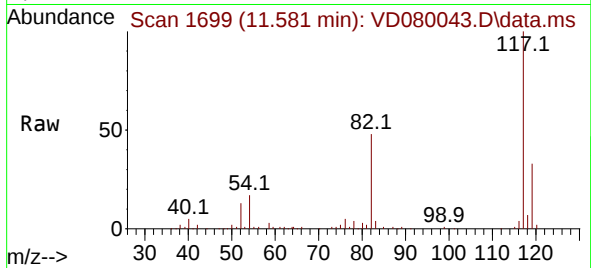




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080043.D
Acq: 17 Nov 2024 15:46

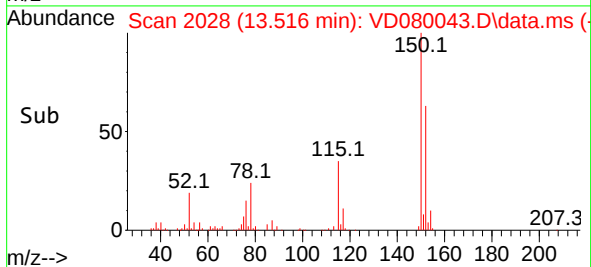
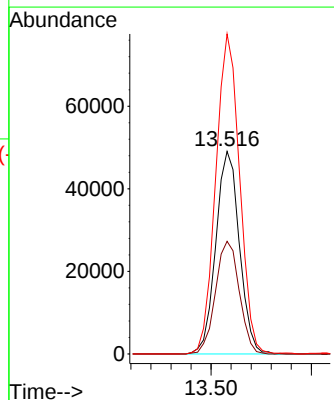
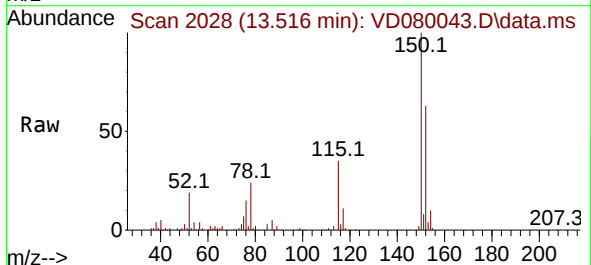
Instrument :
MSVOA_D
ClientSampleId :

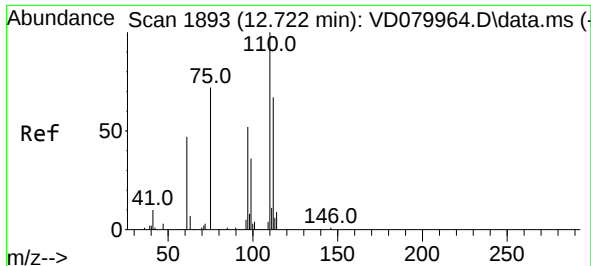
Tgt Ion:117 Resp: 217958
Ion Ratio Lower Upper
117 100
82 48.4 45.8 68.6
119 33.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080043.D
Acq: 17 Nov 2024 15:46

Tgt Ion:152 Resp: 80040
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.8
150 159.5 0.0 354.8

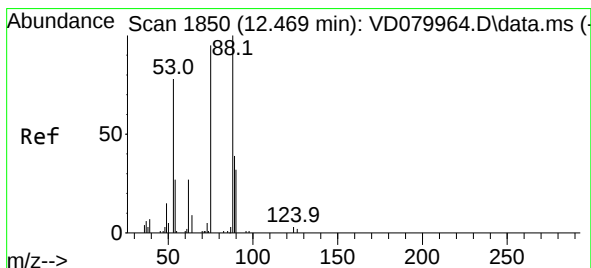
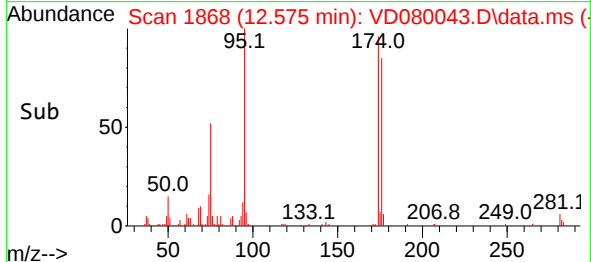
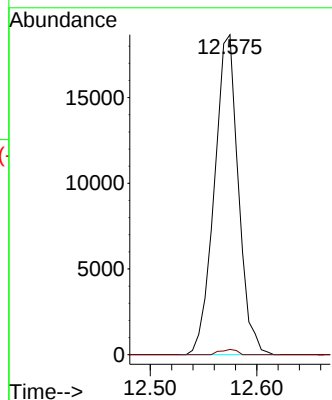
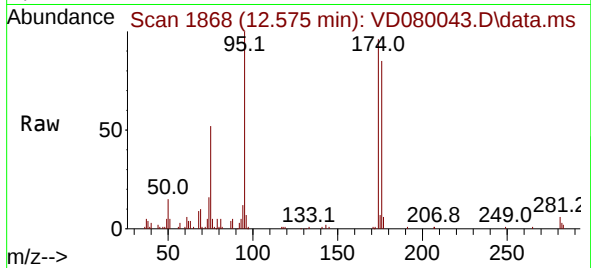




#76
1,2,3-Trichloropropane
Concen: 41.357 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD080043.D
Acq: 17 Nov 2024 15:46

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 29230
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.643 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD080043.D
Acq: 17 Nov 2024 15:46

Tgt Ion: 75 Resp: 29230
Ion Ratio Lower Upper
75 100
53 0.0 68.7 103.1#
89 0.0 36.1 54.1#

