

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080059.D
 Acq On : 18 Nov 2024 10:27
 Operator : RP/MD
 Sample : VD1118SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 04:43:46 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)

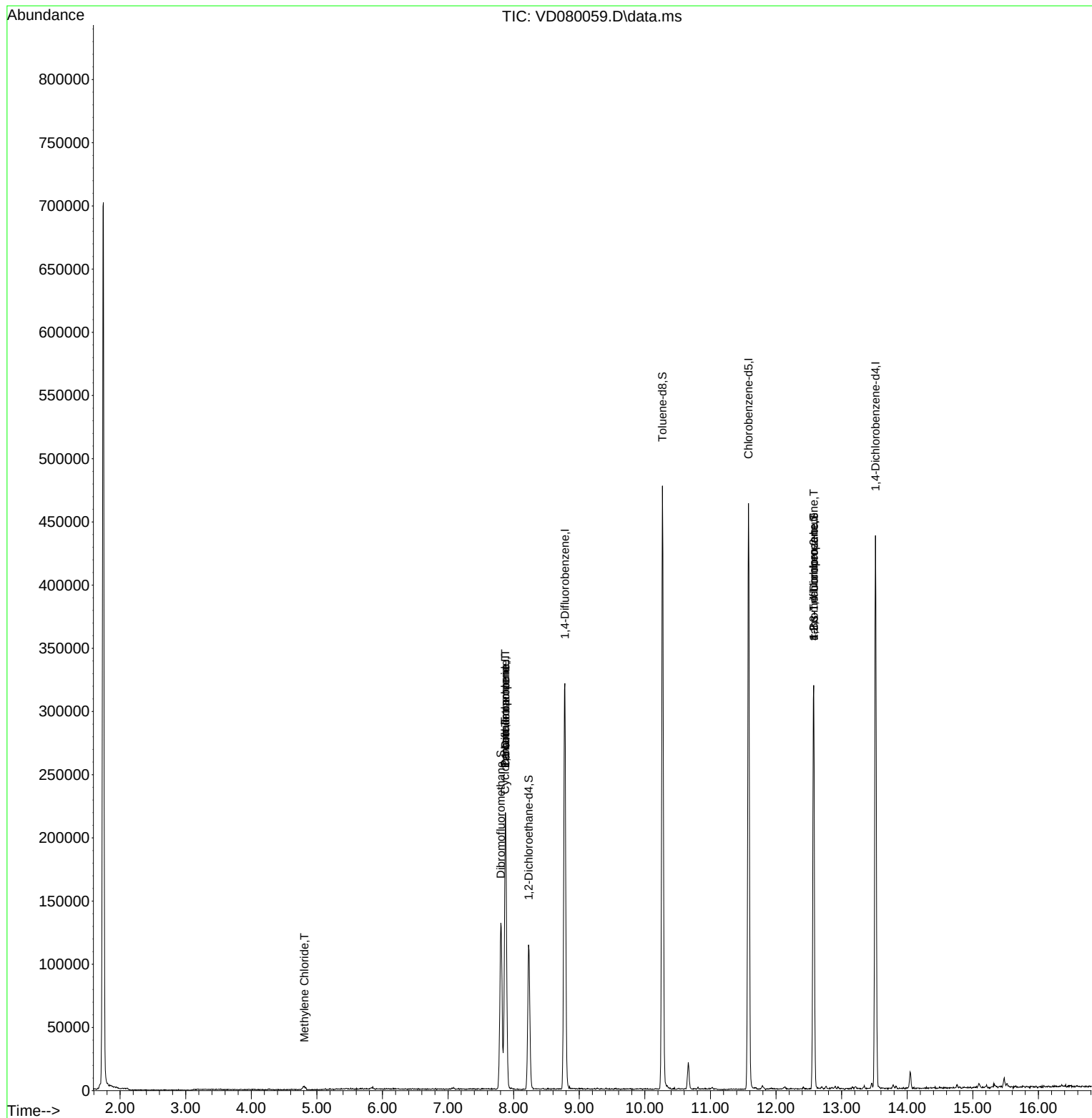
Internal Standards						
1) Pentafluorobenzene	7.875	168	175706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	294729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	273326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	122131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	89573	49.513	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.020%
35) Dibromofluoromethane	7.804	113	95998	48.941	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.880%
50) Toluene-d8	10.269	98	328392	44.420	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.840%
62) 4-Bromofluorobenzene	12.575	95	99895	41.185	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.360%
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	113	Below Cal	#	76
20) Methylene Chloride	4.810	84	2671	1.269	ug/l #	78
31) Cyclohexane	7.869	56	4052	1.375	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	12898	4.809	ug/l #	47
38) Carbon Tetrachloride	7.875	117	16655	5.683	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	48649	45.110	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	48649	92.325	ug/l #	15

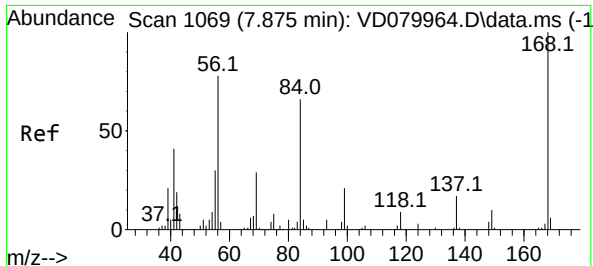
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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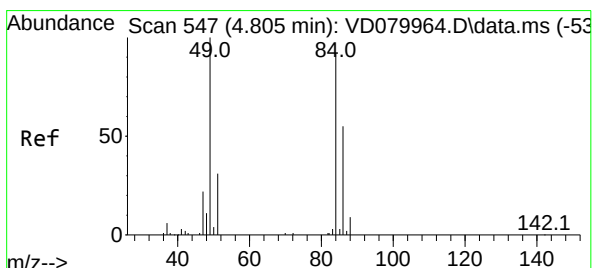
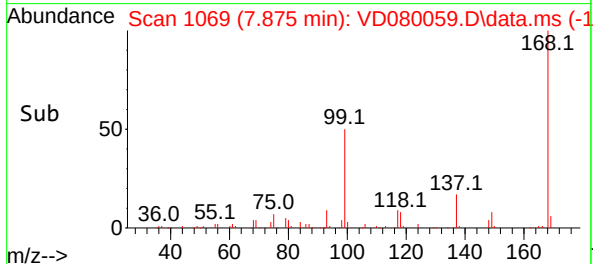
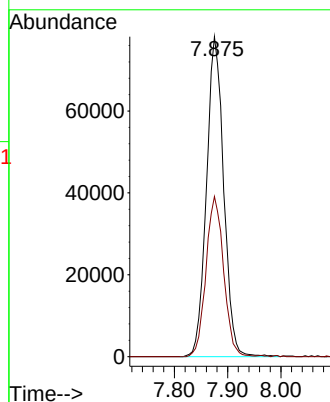
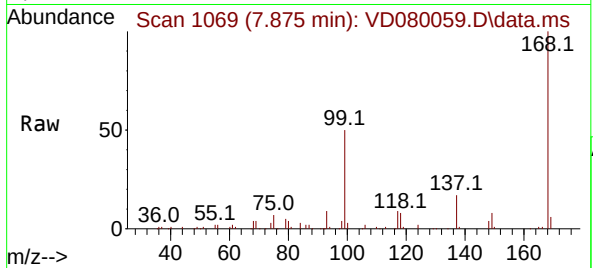




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080059.D
Acq: 18 Nov 2024 10:27

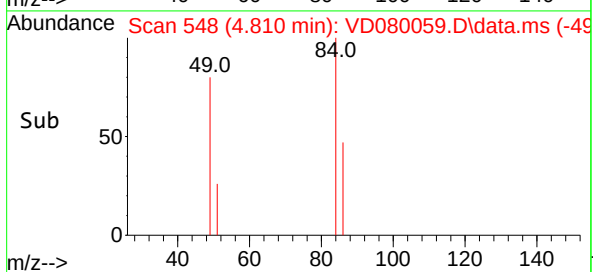
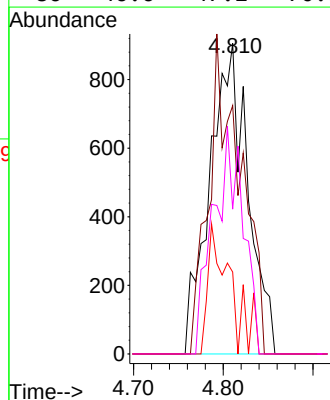
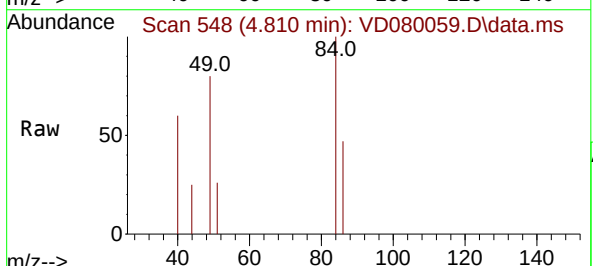
Instrument :
MSVOA_D
ClientSampleId :

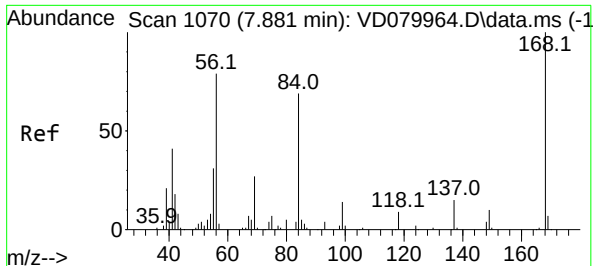
Tgt Ion:168 Resp: 175706
Ion Ratio Lower Upper
168 100
99 50.0 46.0 69.0



#20
Methylene Chloride
Concen: 1.269 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD080059.D
Acq: 18 Nov 2024 10:27

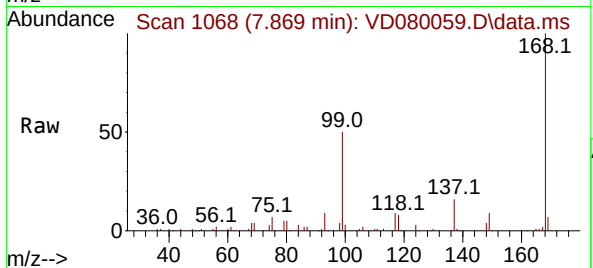
Tgt Ion: 84 Resp: 2671
Ion Ratio Lower Upper
84 100
49 79.9 86.5 129.7#
51 26.4 26.9 40.3#
86 46.6 47.2 70.8#



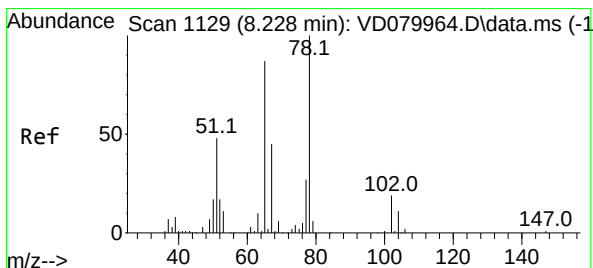
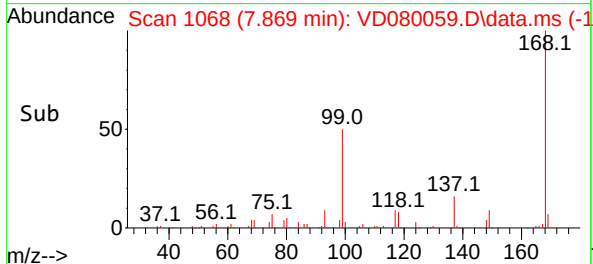
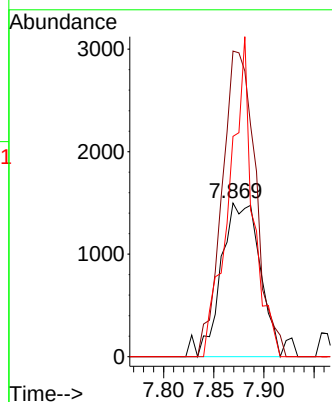


#31
Cyclohexane
Concen: 1.375 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD080059.D
Acq: 18 Nov 2024 10:27

Instrument :
MSVOA_D
ClientSampleId :

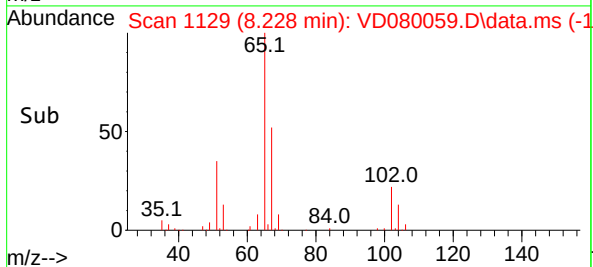
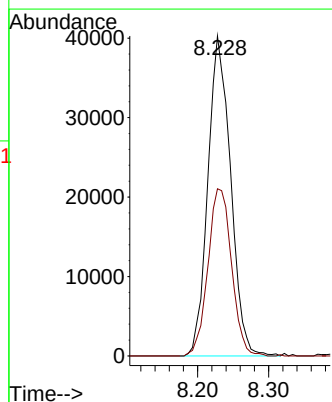
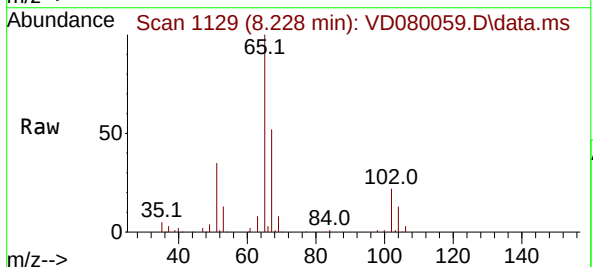


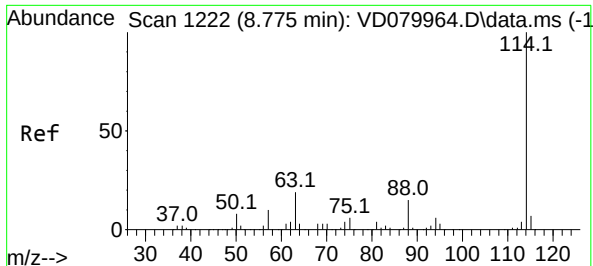
Tgt Ion: 56 Resp: 4052
Ion Ratio Lower Upper
56 100
69 198.9 27.3 40.9#
84 143.4 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 49.513 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD080059.D
Acq: 18 Nov 2024 10:27

Tgt Ion: 65 Resp: 89573
Ion Ratio Lower Upper
65 100
67 54.3 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: VD080059.D

Acq: 18 Nov 2024 10:27

Instrument :

MSVOA_D

ClientSampleId :

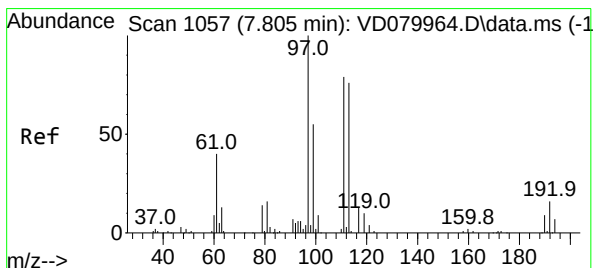
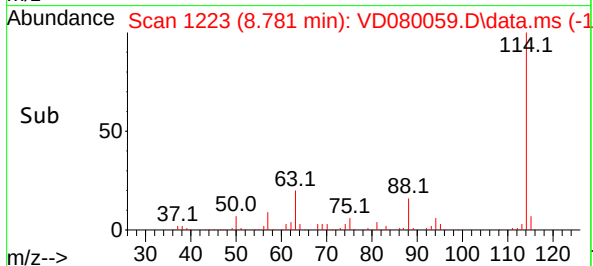
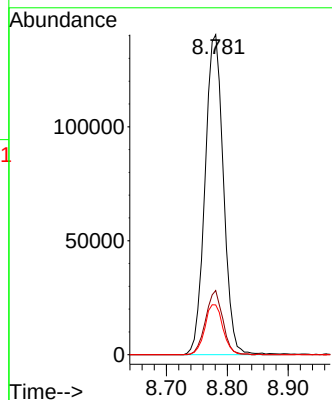
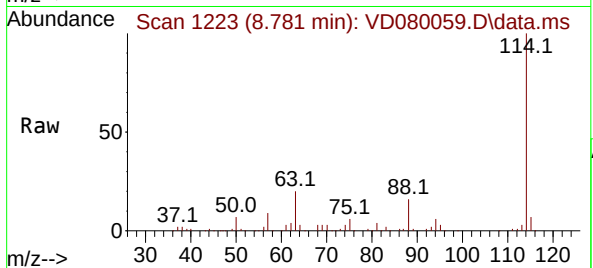
Tgt Ion:114 Resp: 294729

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.941 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD080059.D

Acq: 18 Nov 2024 10:27

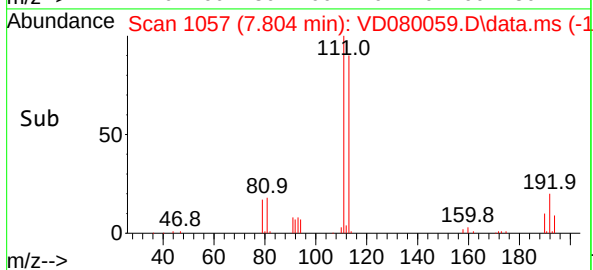
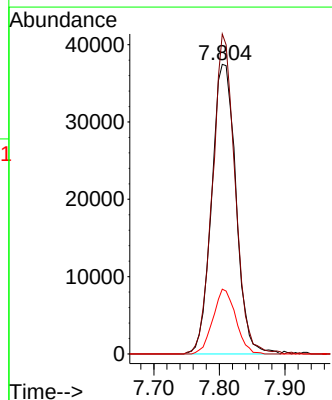
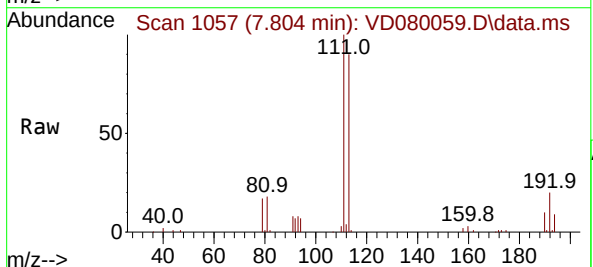
Tgt Ion:113 Resp: 95998

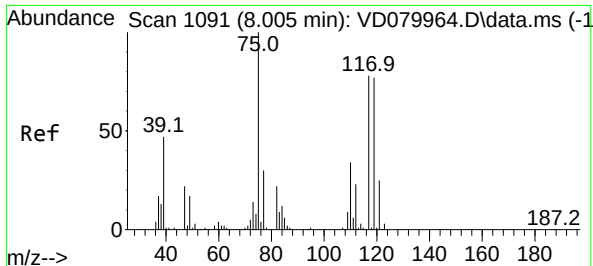
Ion Ratio Lower Upper

113 100

111 102.6 82.5 123.7

192 21.1 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.809 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD080059.D

Acq: 18 Nov 2024 10:27

Instrument :

MSVOA_D

ClientSampleId :

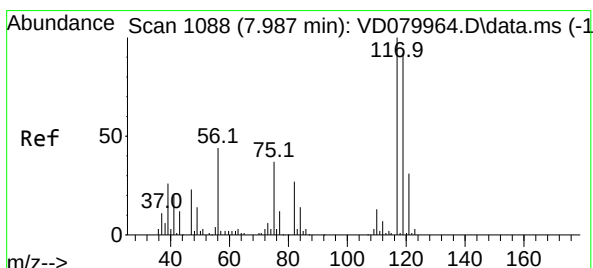
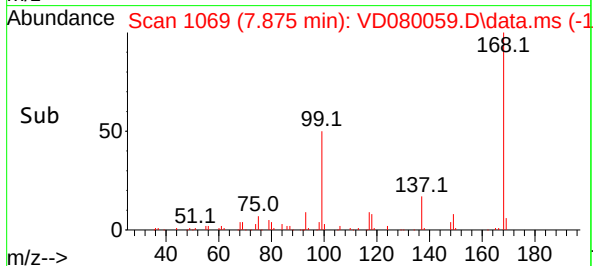
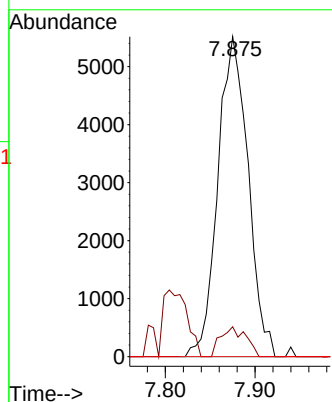
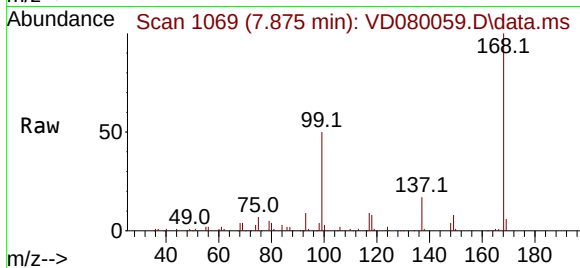
Tgt Ion: 75 Resp: 12898

Ion Ratio Lower Upper

75 100

110 7.8 18.4 55.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 5.683 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD080059.D

Acq: 18 Nov 2024 10:27

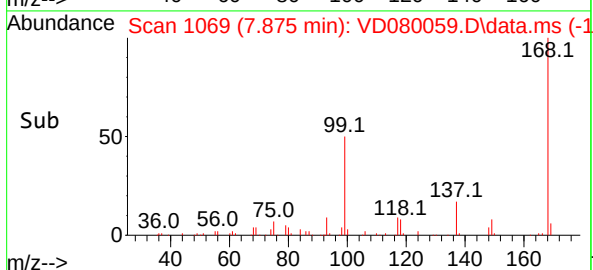
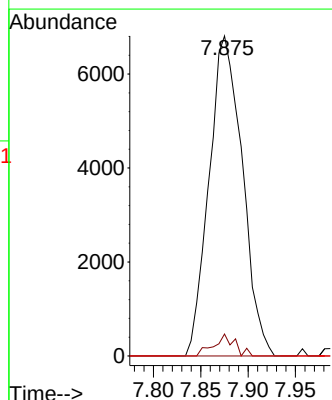
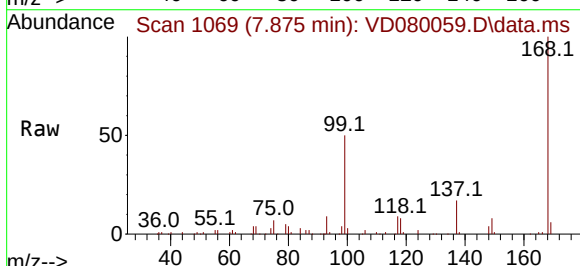
Tgt Ion: 117 Resp: 16655

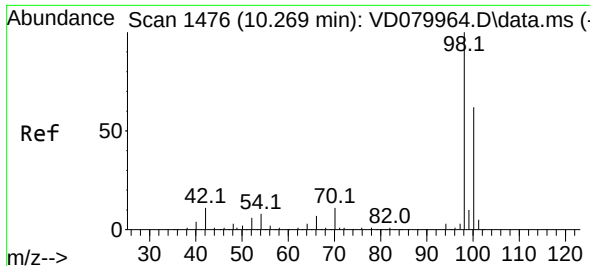
Ion Ratio Lower Upper

117 100

119 6.8 73.4 110.0#

121 0.0 24.5 36.7#

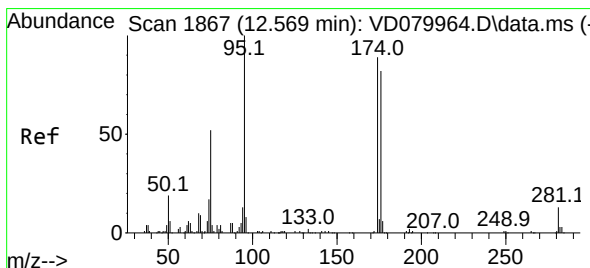
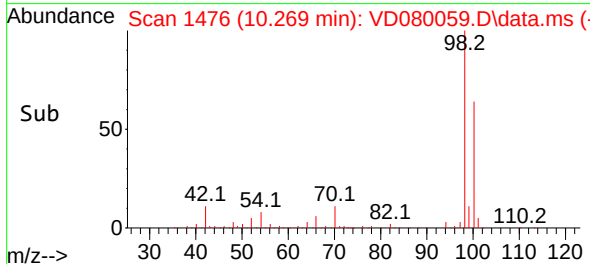
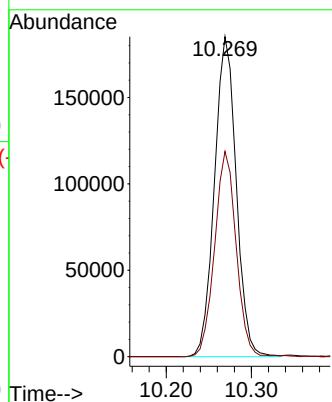
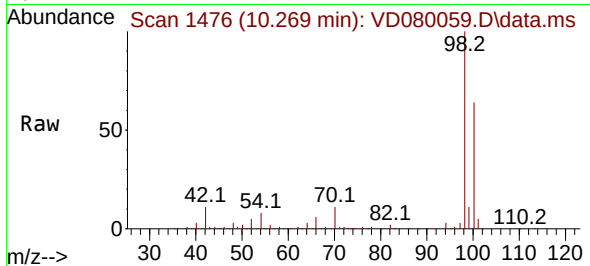




#50
Toluene-d8
Concen: 44.420 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080059.D
Acq: 18 Nov 2024 10:27

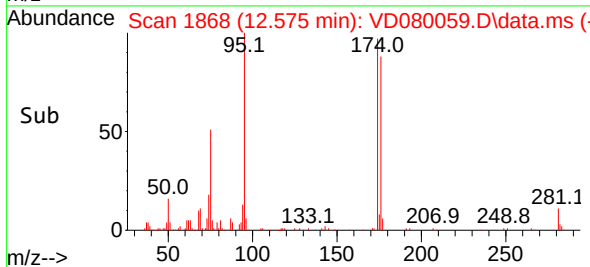
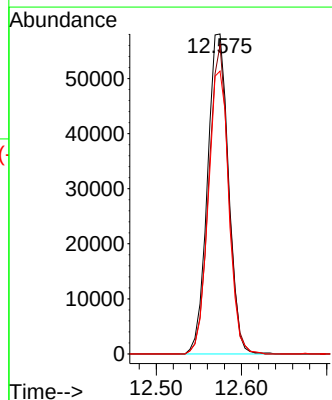
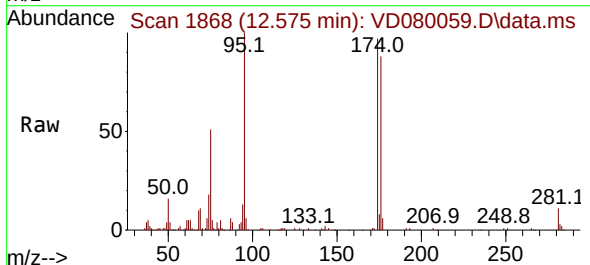
Instrument :
MSVOA_D
ClientSampleId :

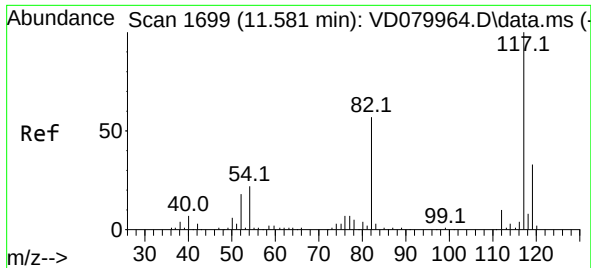
Tgt Ion: 98 Resp: 328392
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 41.185 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD080059.D
Acq: 18 Nov 2024 10:27

Tgt Ion: 95 Resp: 99895
Ion Ratio Lower Upper
95 100
174 90.8 0.0 173.4
176 86.6 0.0 166.6

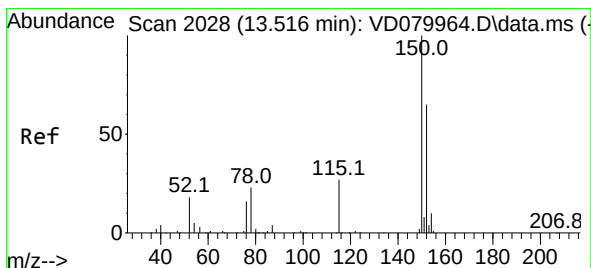
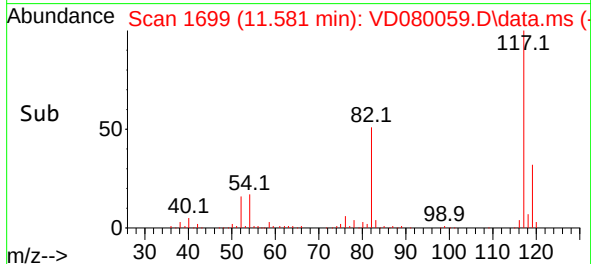
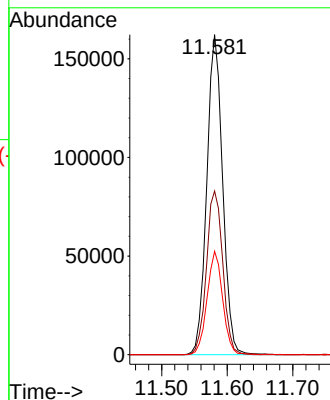
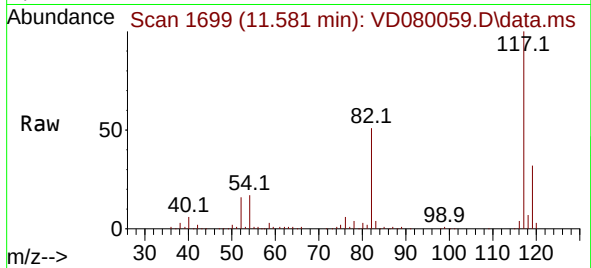




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080059.D
Acq: 18 Nov 2024 10:27

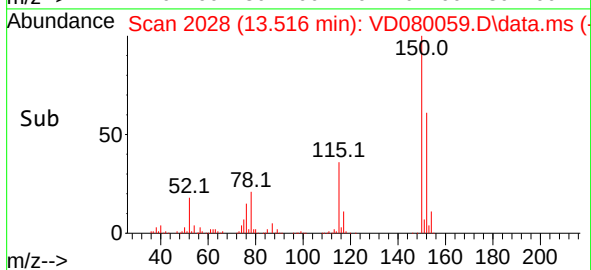
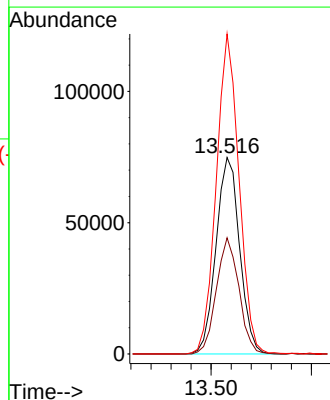
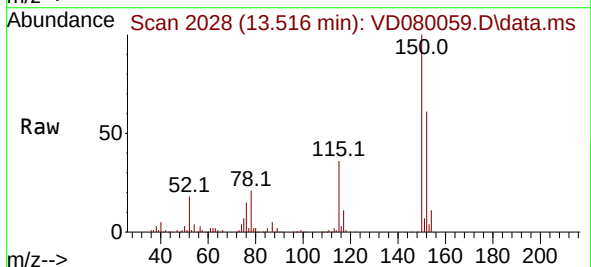
Instrument :
MSVOA_D
ClientSampleId :

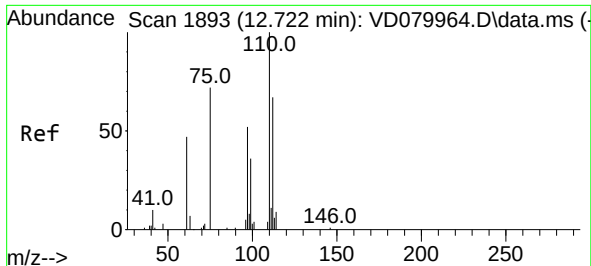
Tgt Ion:117 Resp: 273326
Ion Ratio Lower Upper
117 100
82 51.1 45.8 68.6
119 32.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080059.D
Acq: 18 Nov 2024 10:27

Tgt Ion:152 Resp: 122131
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.8
150 156.9 0.0 354.8

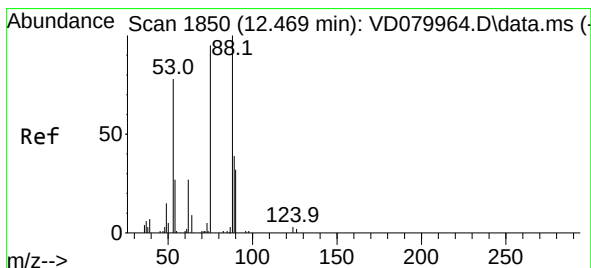
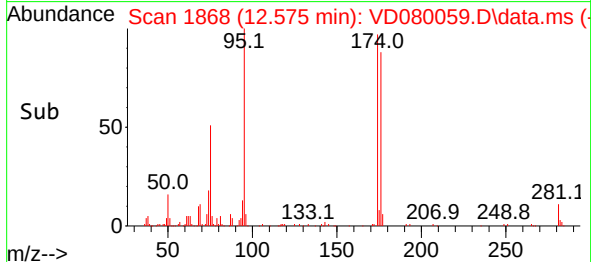
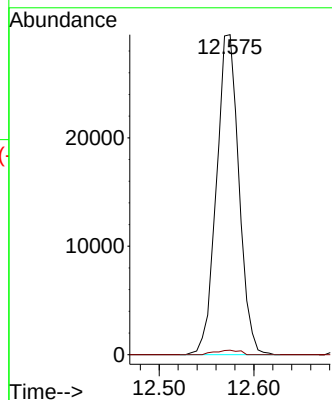
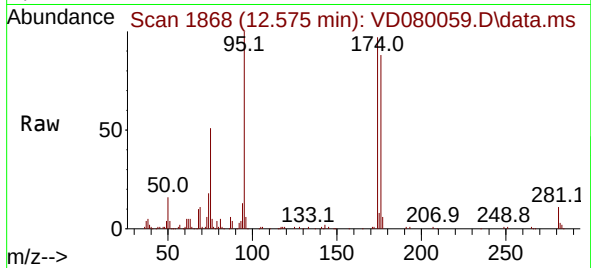




#76
1,2,3-Trichloropropane
Concen: 45.110 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD080059.D
Acq: 18 Nov 2024 10:27

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 48649
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.325 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD080059.D
Acq: 18 Nov 2024 10:27

Tgt Ion: 75 Resp: 48649
Ion Ratio Lower Upper
75 100
53 0.4 68.7 103.1#
89 0.0 36.1 54.1#

