

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080044.D
 Acq On : 17 Nov 2024 16:13
 Operator : RP/MD
 Sample : P4833-03
 Misc : 4.87G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 04:25:06 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)

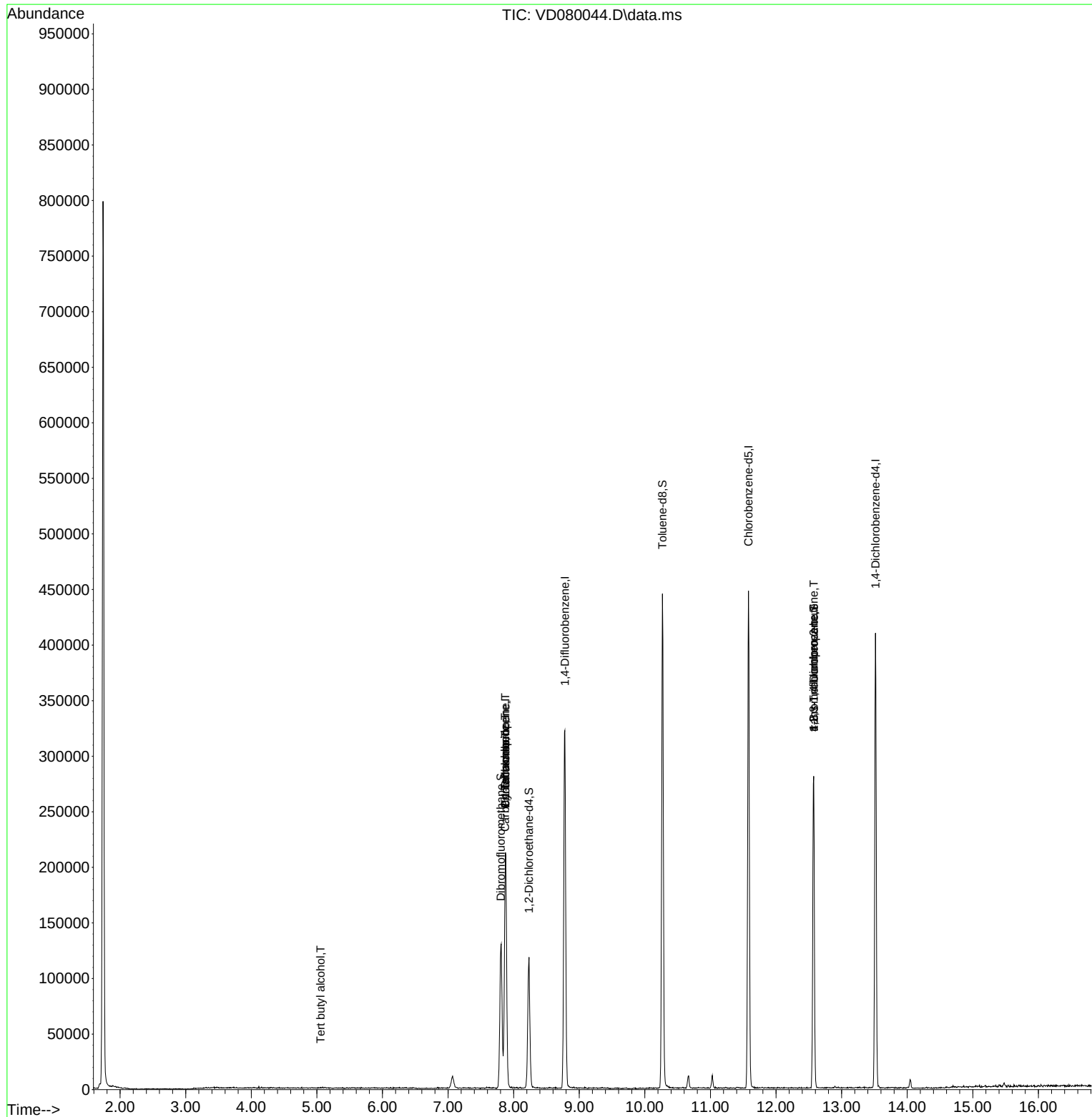
Internal Standards						
1) Pentafluorobenzene	7.875	168	172840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	291127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	262778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	90025	50.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.180%	
35) Dibromofluoromethane	7.804	113	95760	49.423	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.840%	
50) Toluene-d8	10.269	98	312067	42.734	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 85.460%	
62) 4-Bromofluorobenzene	12.575	95	93523	39.035	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.058	59	266	2.872	ug/l #	82
31) Cyclohexane	7.875	56	3453	1.192	ug/l #	21
36) 1,1-Dichloropropene	7.875	75	12635	4.769	ug/l #	50
38) Carbon Tetrachloride	7.869	117	16244	5.612	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	43934	43.854	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	43934	89.754	ug/l #	15

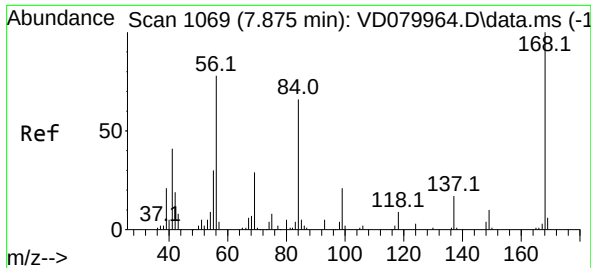
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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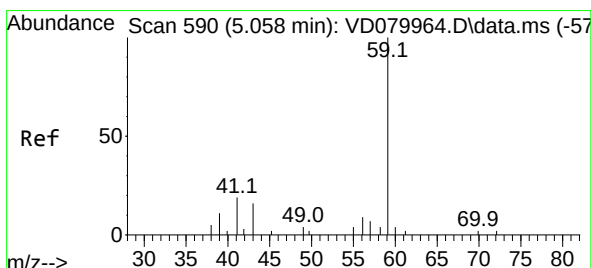
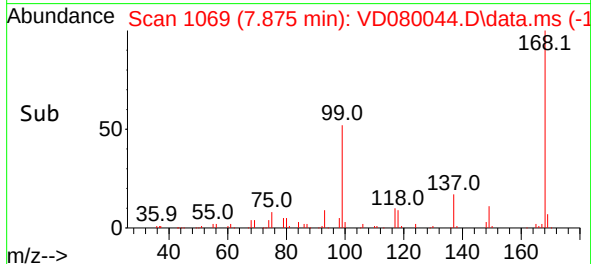
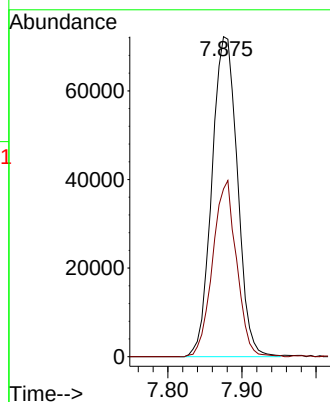
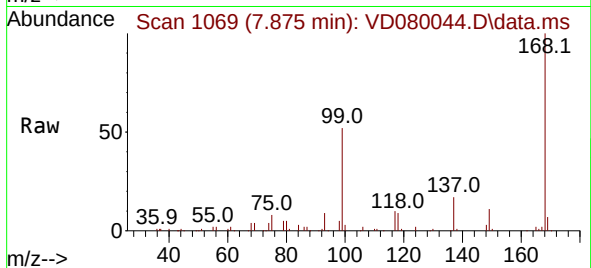




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080044.D
Acq: 17 Nov 2024 16:13

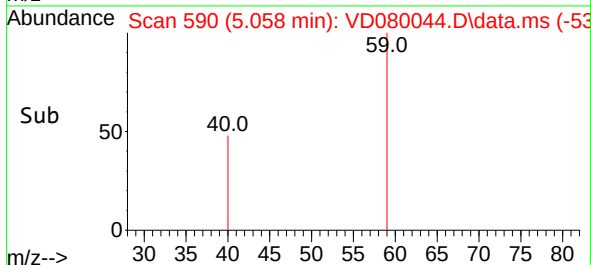
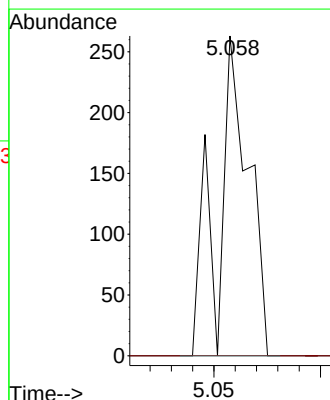
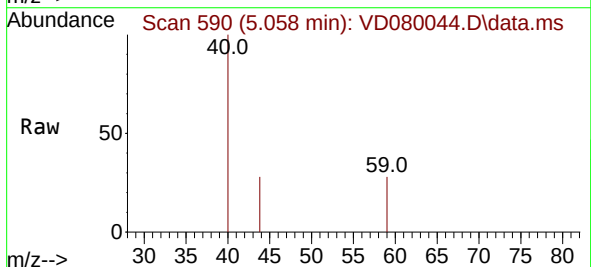
Instrument :
MSVOA_D
ClientSampleId :

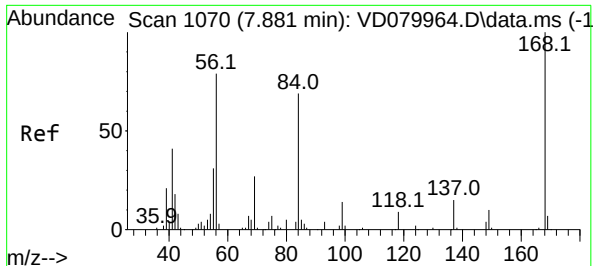
Tgt Ion:168 Resp: 172840
Ion Ratio Lower Upper
168 100
99 52.5 46.0 69.0



#11
Tert butyl alcohol
Concen: 2.872 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD080044.D
Acq: 17 Nov 2024 16:13

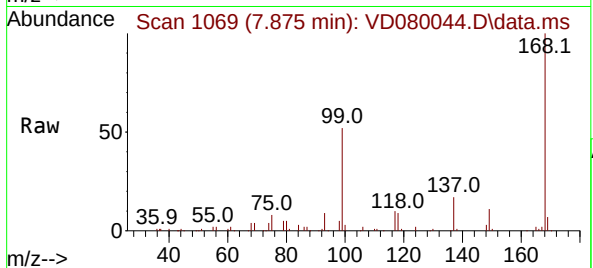
Tgt Ion: 59 Resp: 266
Ion Ratio Lower Upper
59 100
57 0.0 4.8 7.2#



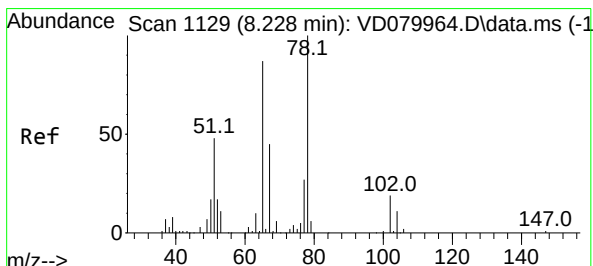
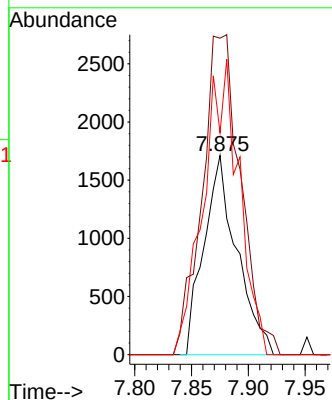
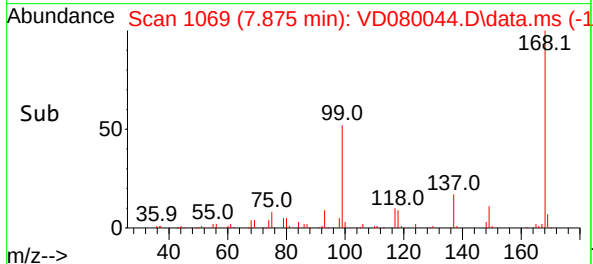


#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD080044.D
Acq: 17 Nov 2024 16:13

Instrument :
MSVOA_D
ClientSampleId :

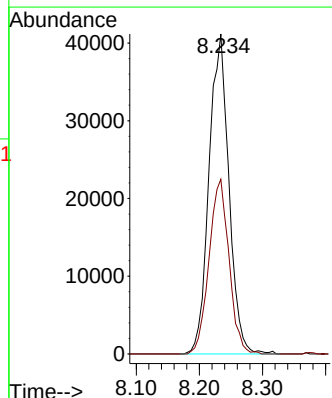
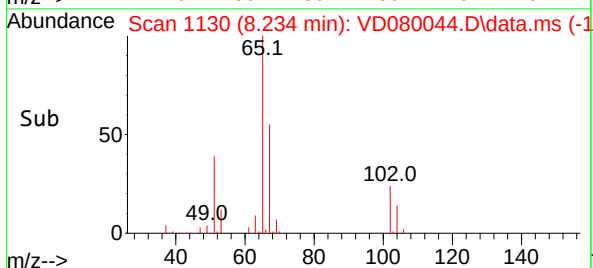
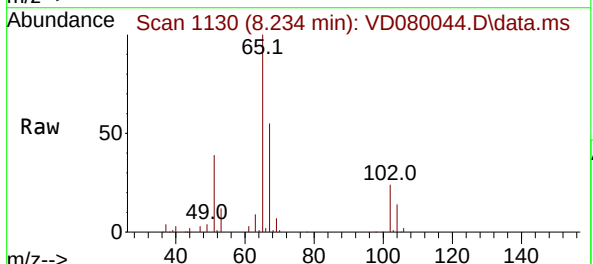


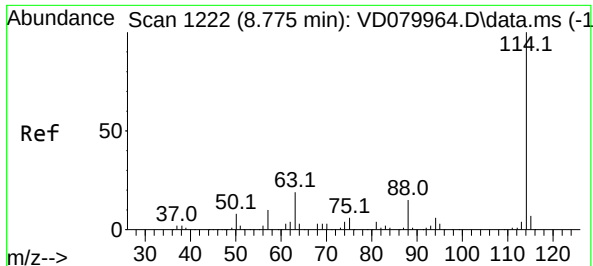
Tgt Ion: 56 Resp: 3453
Ion Ratio Lower Upper
56 100
69 158.9 27.3 40.9#
84 111.3 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 50.588 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD080044.D
Acq: 17 Nov 2024 16:13

Tgt Ion: 65 Resp: 90025
Ion Ratio Lower Upper
65 100
67 54.9 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: VD080044.D

Acq: 17 Nov 2024 16:13

Instrument :

MSVOA_D

ClientSampleId :

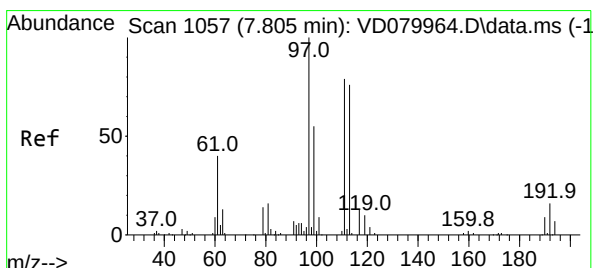
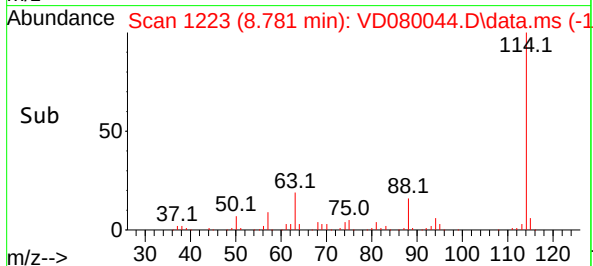
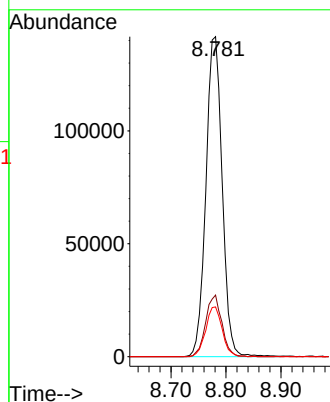
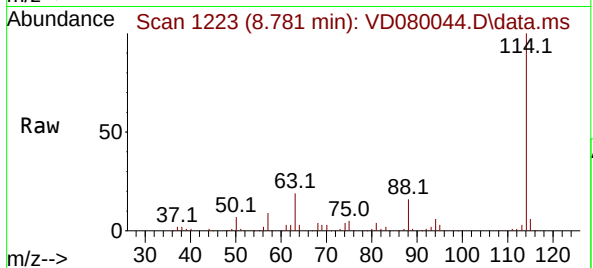
Tgt Ion:114 Resp: 291127

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.8

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.423 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD080044.D

Acq: 17 Nov 2024 16:13

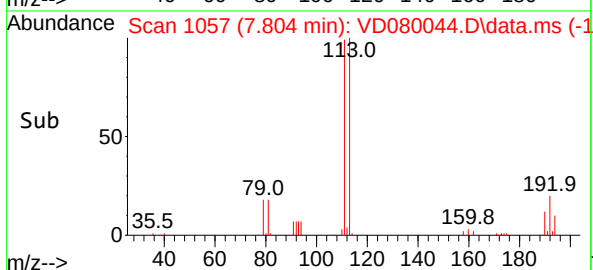
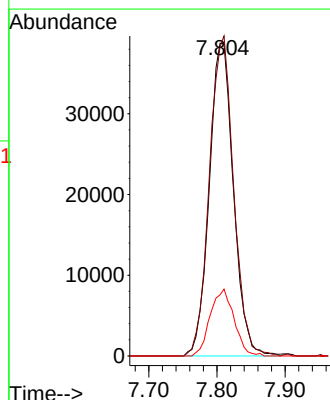
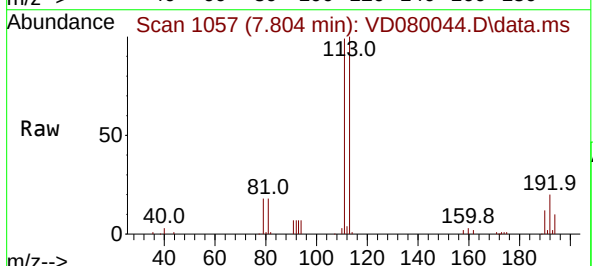
Tgt Ion:113 Resp: 95760

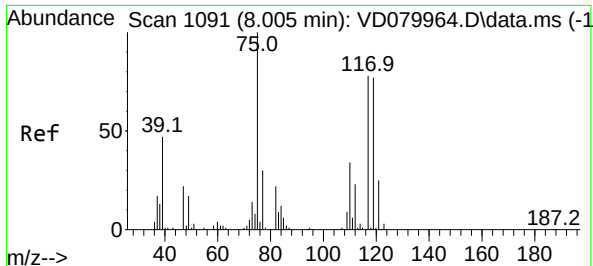
Ion Ratio Lower Upper

113 100

111 102.3 82.5 123.7

192 21.0 16.6 25.0





#36

1,1-Dichloropropene

Concen: 4.769 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

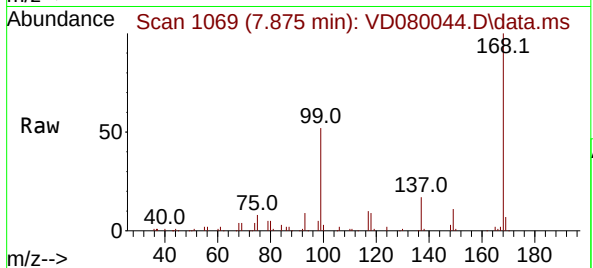
Lab File: VD080044.D

Acq: 17 Nov 2024 16:13

Instrument :

MSVOA_D

ClientSampleId :



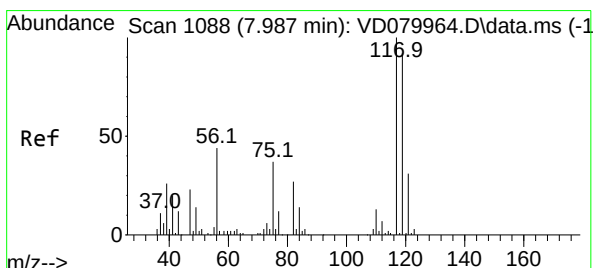
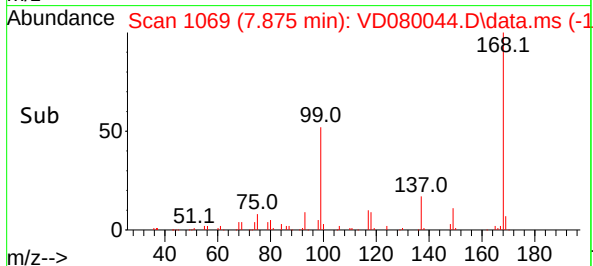
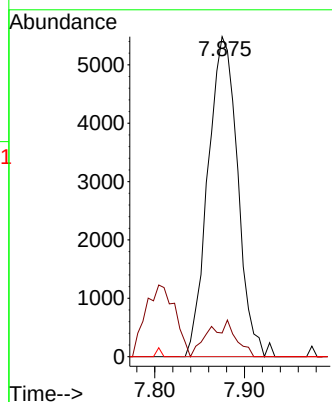
Tgt Ion: 75 Resp: 12635

Ion Ratio Lower Upper

75 100

110 10.5 18.4 55.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 5.612 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.118 min

Lab File: VD080044.D

Acq: 17 Nov 2024 16:13

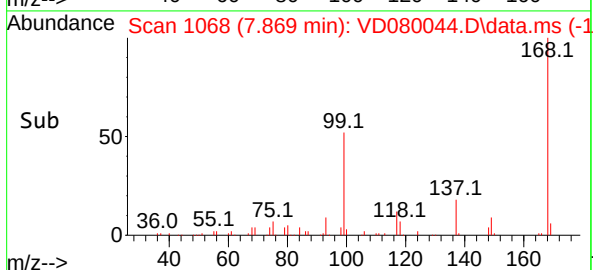
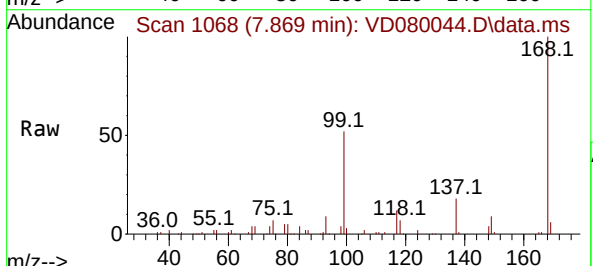
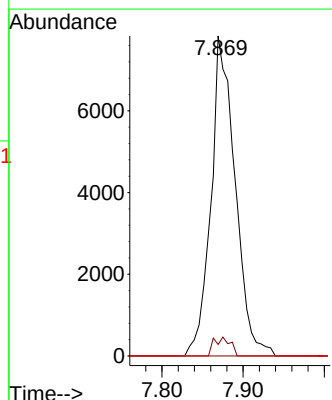
Tgt Ion: 117 Resp: 16244

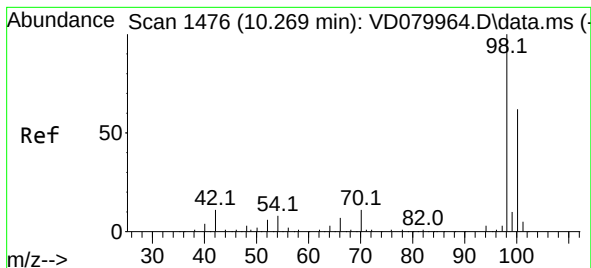
Ion Ratio Lower Upper

117 100

119 3.6 73.4 110.0#

121 0.0 24.5 36.7#

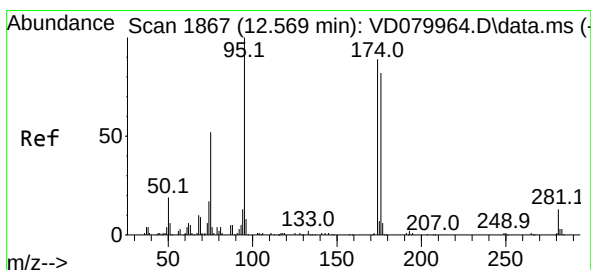
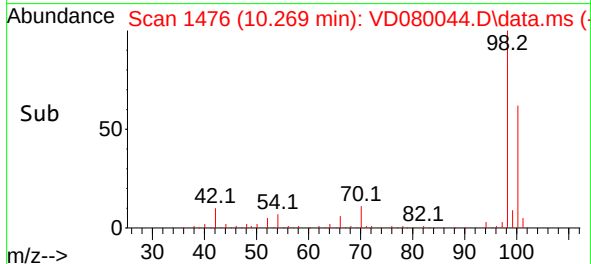
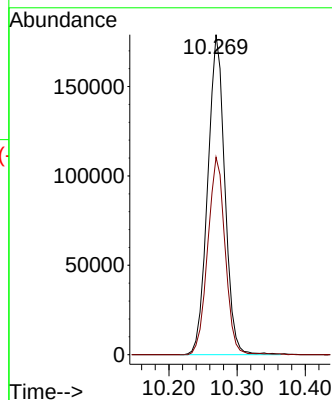
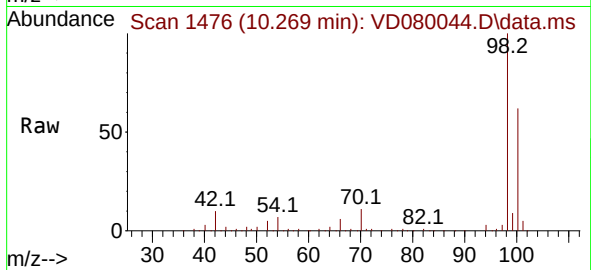




#50
Toluene-d8
Concen: 42.734 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080044.D
Acq: 17 Nov 2024 16:13

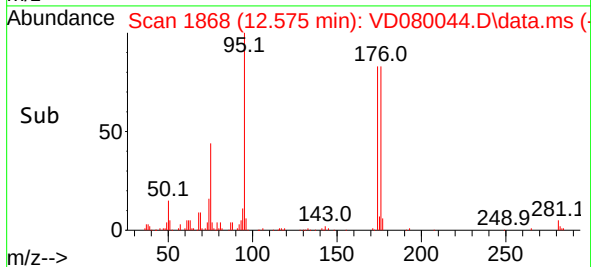
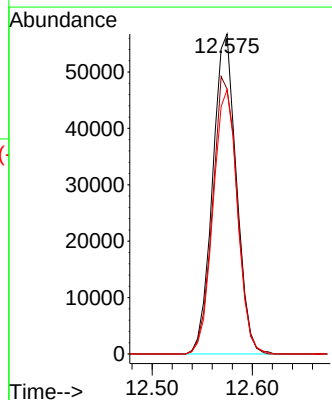
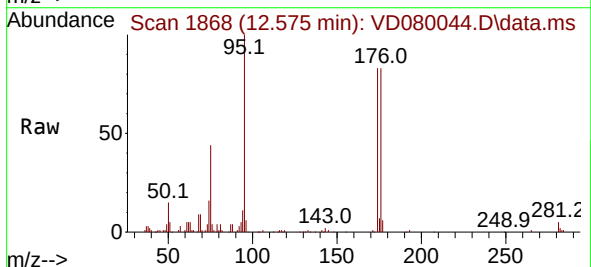
Instrument :
MSVOA_D
ClientSampleId :

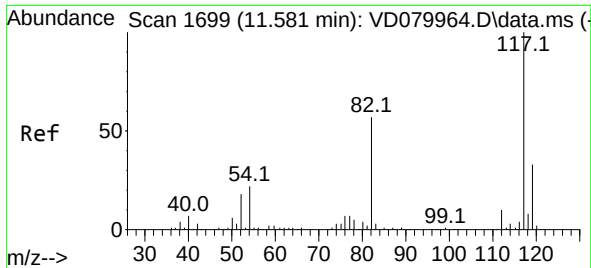
Tgt Ion: 98 Resp: 312067
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 39.035 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD080044.D
Acq: 17 Nov 2024 16:13

Tgt Ion: 95 Resp: 93523
Ion Ratio Lower Upper
95 100
174 88.7 0.0 173.4
176 84.4 0.0 166.6

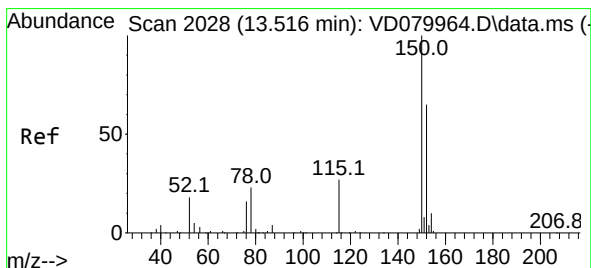
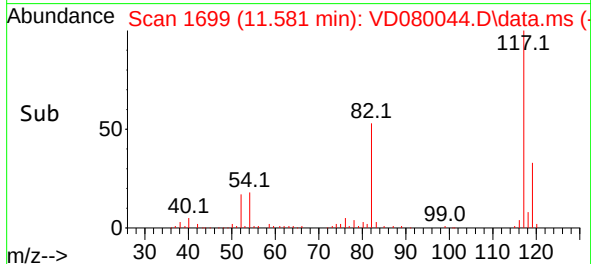
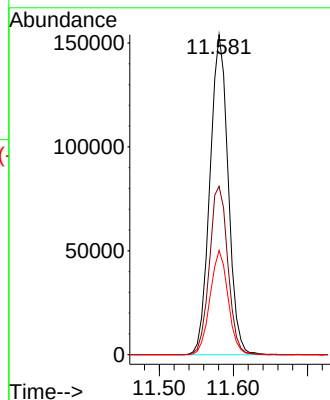
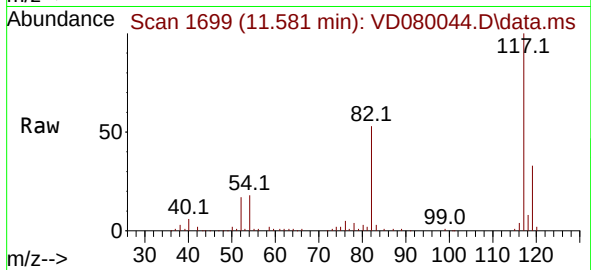




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080044.D
Acq: 17 Nov 2024 16:13

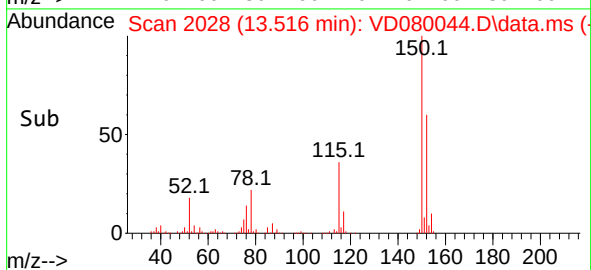
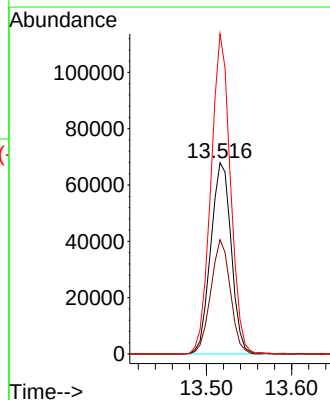
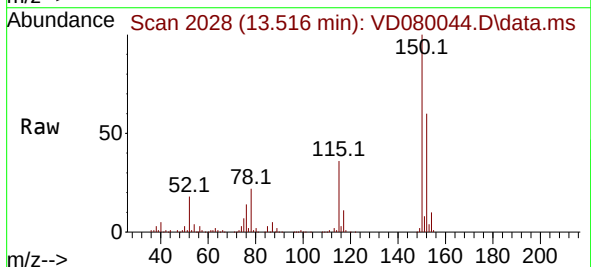
Instrument :
MSVOA_D
ClientSampleId :

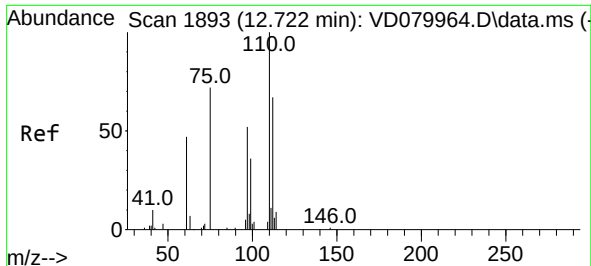
Tgt Ion:117 Resp: 262778
Ion Ratio Lower Upper
117 100
82 52.6 45.8 68.6
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080044.D
Acq: 17 Nov 2024 16:13

Tgt Ion:152 Resp: 113453
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.8
150 159.2 0.0 354.8

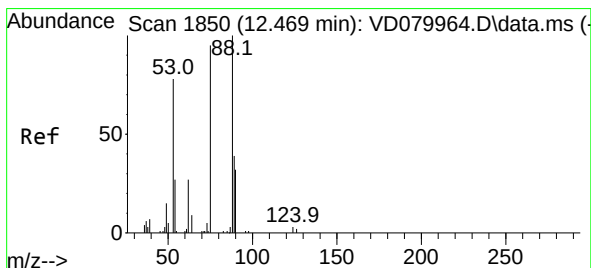
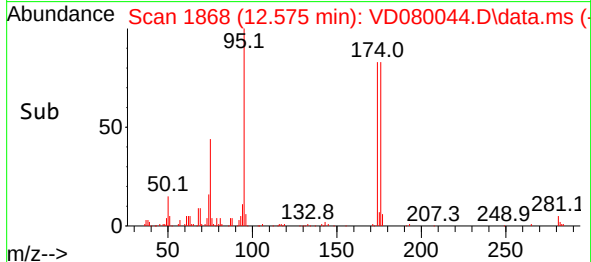
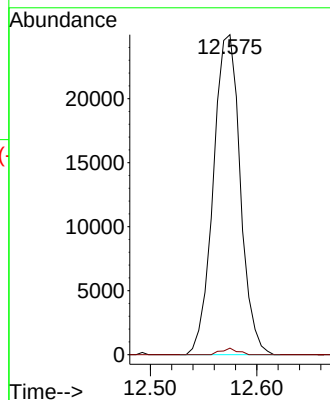
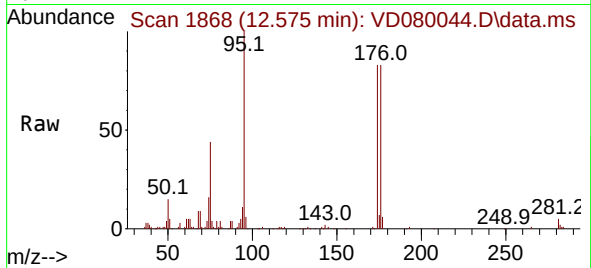




#76
1,2,3-Trichloropropane
Concen: 43.854 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD080044.D
Acq: 17 Nov 2024 16:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 43934
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.754 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD080044.D
Acq: 17 Nov 2024 16:13

Tgt Ion: 75 Resp: 43934
Ion Ratio Lower Upper
75 100
53 0.3 68.7 103.1#
89 0.2 36.1 54.1#

