

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022223\
 Data File : VD075400.D
 Acq On : 22 Feb 2023 14:40
 Operator : KP/SY
 Sample : 01593-04
 Misc : 7.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-26-SB03

Quant Time: Feb 22 22:38:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	60549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	110400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	118375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	56067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	35747	69.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.660%
35) Dibromofluoromethane	7.810	113	36620	55.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.760%
50) Toluene-d8	10.269	98	140052	59.213	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.420%
62) 4-Bromofluorobenzene	12.575	95	50307	63.342	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	126.680%

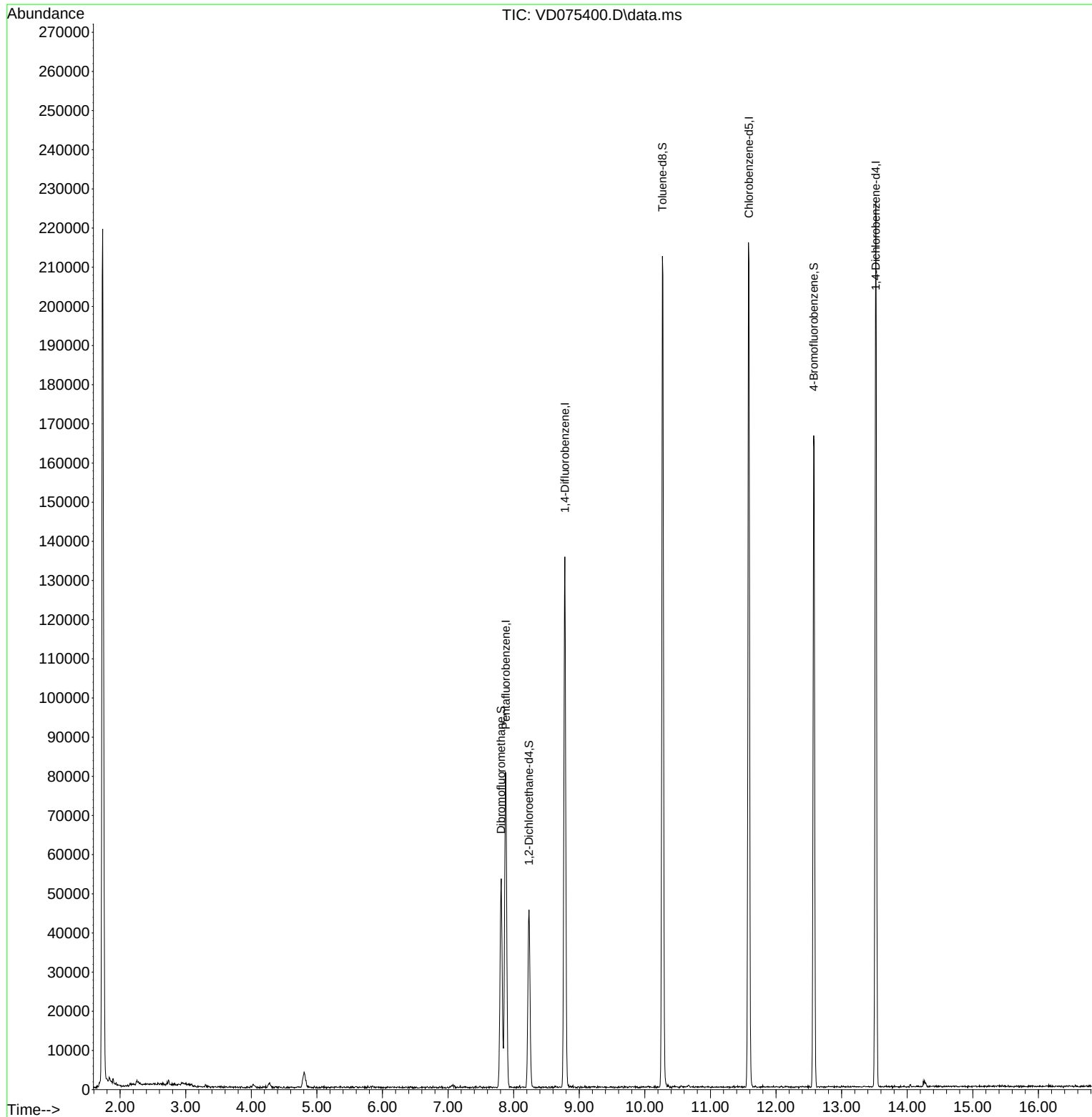
Target Compounds	Qvalue

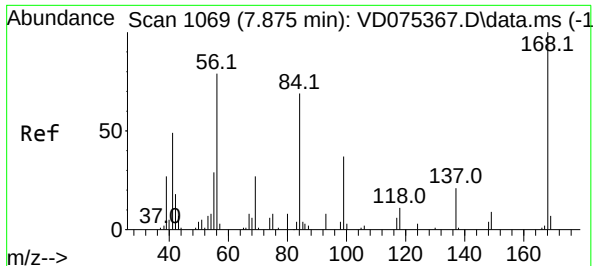
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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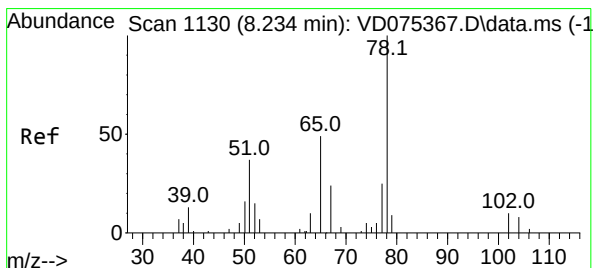
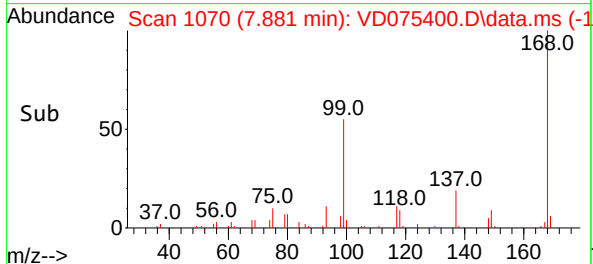
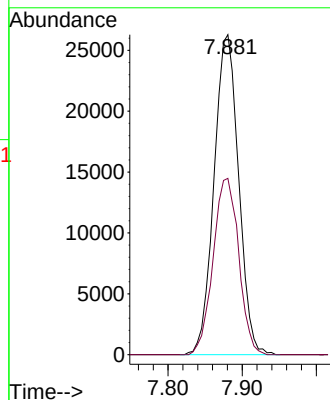
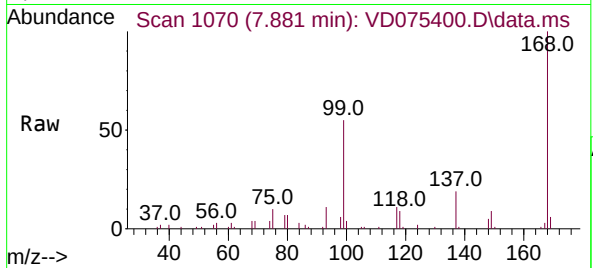




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075400.D
Acq: 22 Feb 2023 14:40

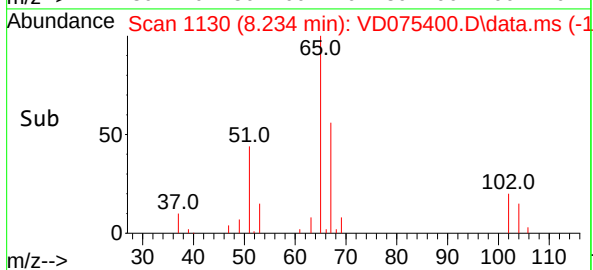
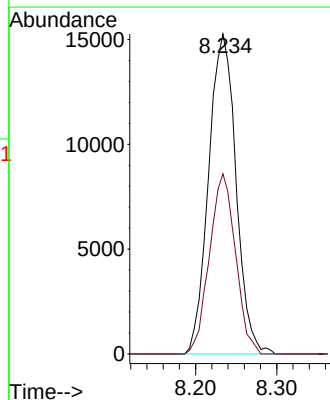
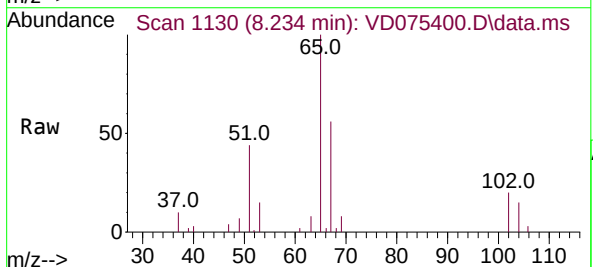
Instrument :
MSVOA_D
ClientSampleId :
B-26-SB03

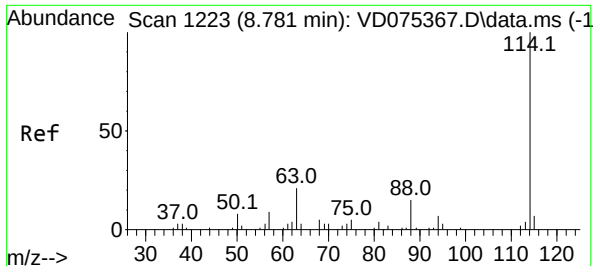
Tgt Ion:168 Resp: 60549
Ion Ratio Lower Upper
168 100
99 55.1 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 69.826 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075400.D
Acq: 22 Feb 2023 14:40

Tgt Ion: 65 Resp: 35747
Ion Ratio Lower Upper
65 100
67 53.5 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 110400

Delta R.T. -0.000 min

Lab File: VD075400.D

Acq: 22 Feb 2023 14:40

Instrument :

MSVOA_D

ClientSampleId :

B-26-SB03

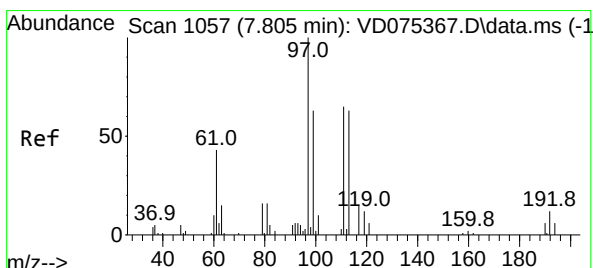
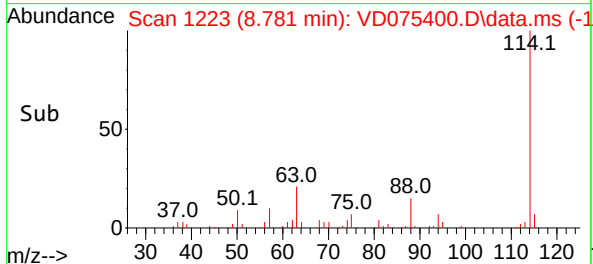
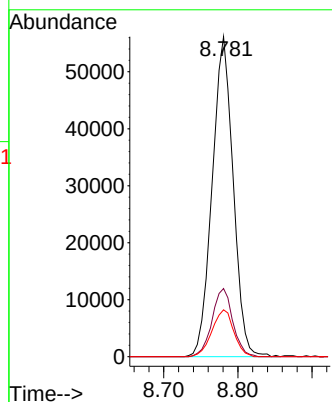
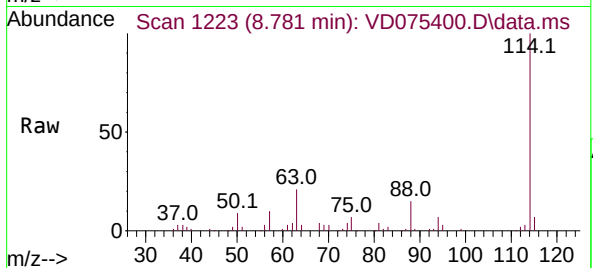
Tgt Ion:114 Resp: 110400

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.6

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.876 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075400.D

Acq: 22 Feb 2023 14:40

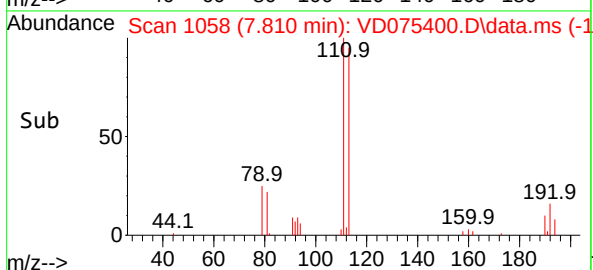
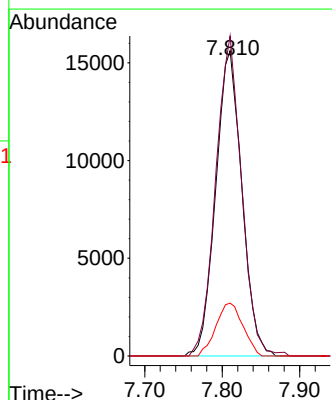
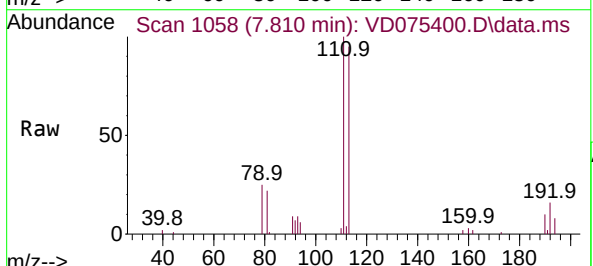
Tgt Ion:113 Resp: 36620

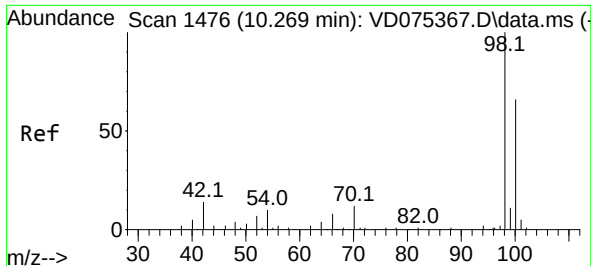
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 17.9 15.2 22.8

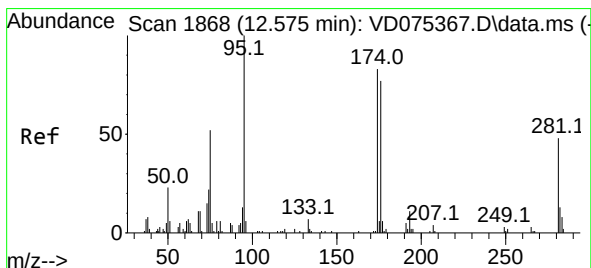
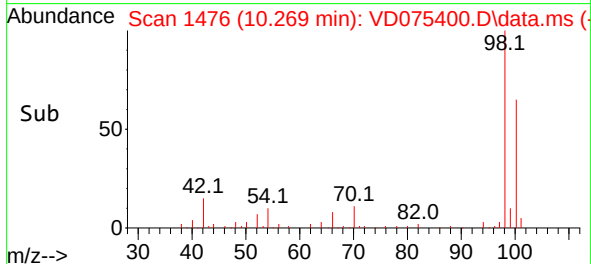
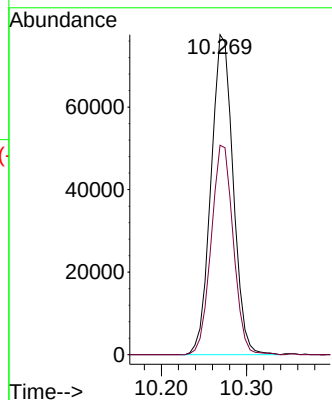
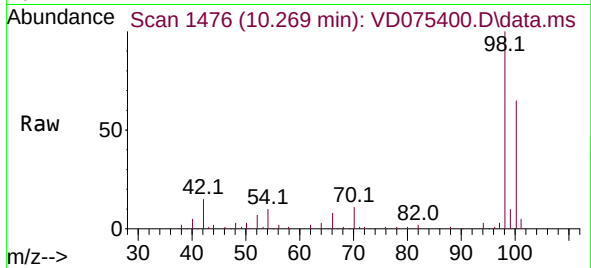




#50
Toluene-d8
Concen: 59.213 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075400.D
Acq: 22 Feb 2023 14:40

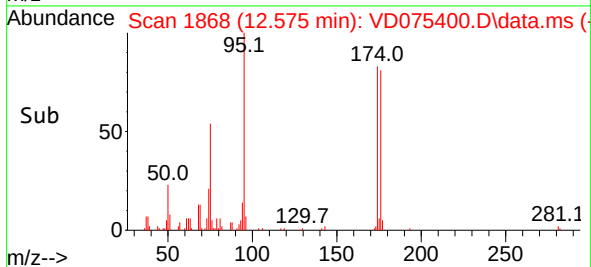
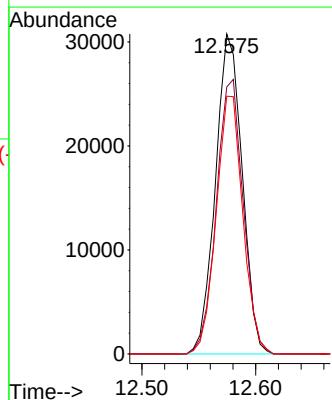
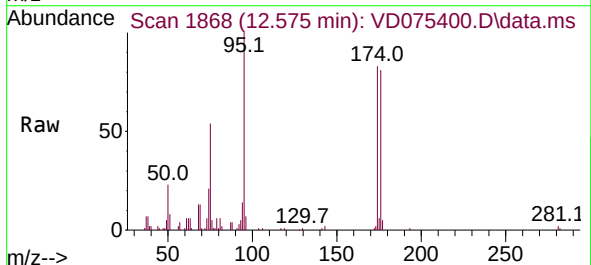
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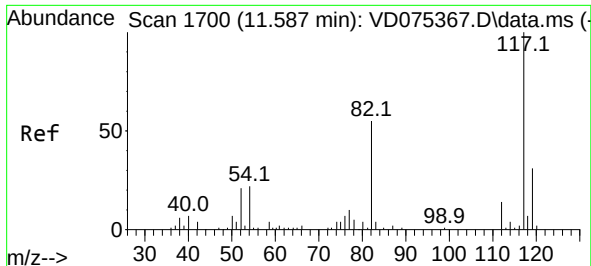
Tgt Ion: 98 Resp: 140052
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 63.342 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075400.D
Acq: 22 Feb 2023 14:40

Tgt Ion: 95 Resp: 50307
Ion Ratio Lower Upper
95 100
174 86.0 0.0 164.0
176 80.4 0.0 156.8

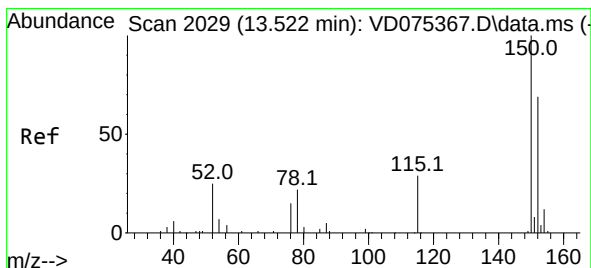
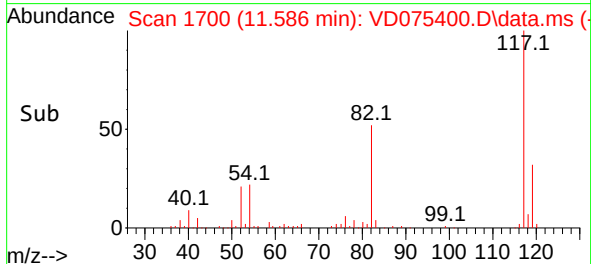
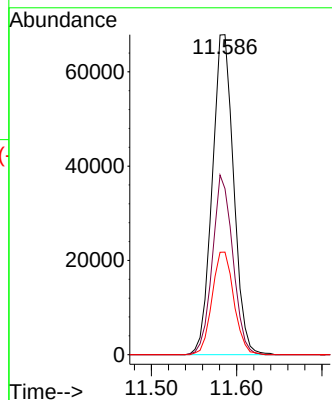
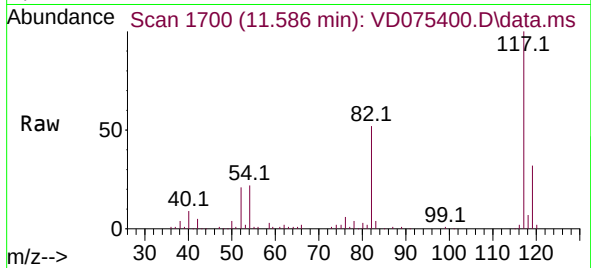




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075400.D
Acq: 22 Feb 2023 14:40

Instrument :
MSVOA_D
ClientSampleId :
B-26-SB03

Tgt Ion:117 Resp: 118375
Ion Ratio Lower Upper
117 100
82 51.9 44.0 66.0
119 32.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075400.D
Acq: 22 Feb 2023 14:40

Tgt Ion:152 Resp: 56067
Ion Ratio Lower Upper
152 100
115 57.8 30.1 90.3
150 155.2 0.0 364.8

