

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022223\
 Data File : VD075399.D
 Acq On : 22 Feb 2023 14:12
 Operator : KP/SY
 Sample : 01593-01
 Misc : 1.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-13-SB01

Quant Time: Feb 22 22:38:10 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	65086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	116060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	113852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	42827	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	36783	66.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.400%
35) Dibromofluoromethane	7.805	113	38525	55.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.840%
50) Toluene-d8	10.269	98	145243	58.413	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.820%
62) 4-Bromofluorobenzene	12.575	95	44155	52.885	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.760%

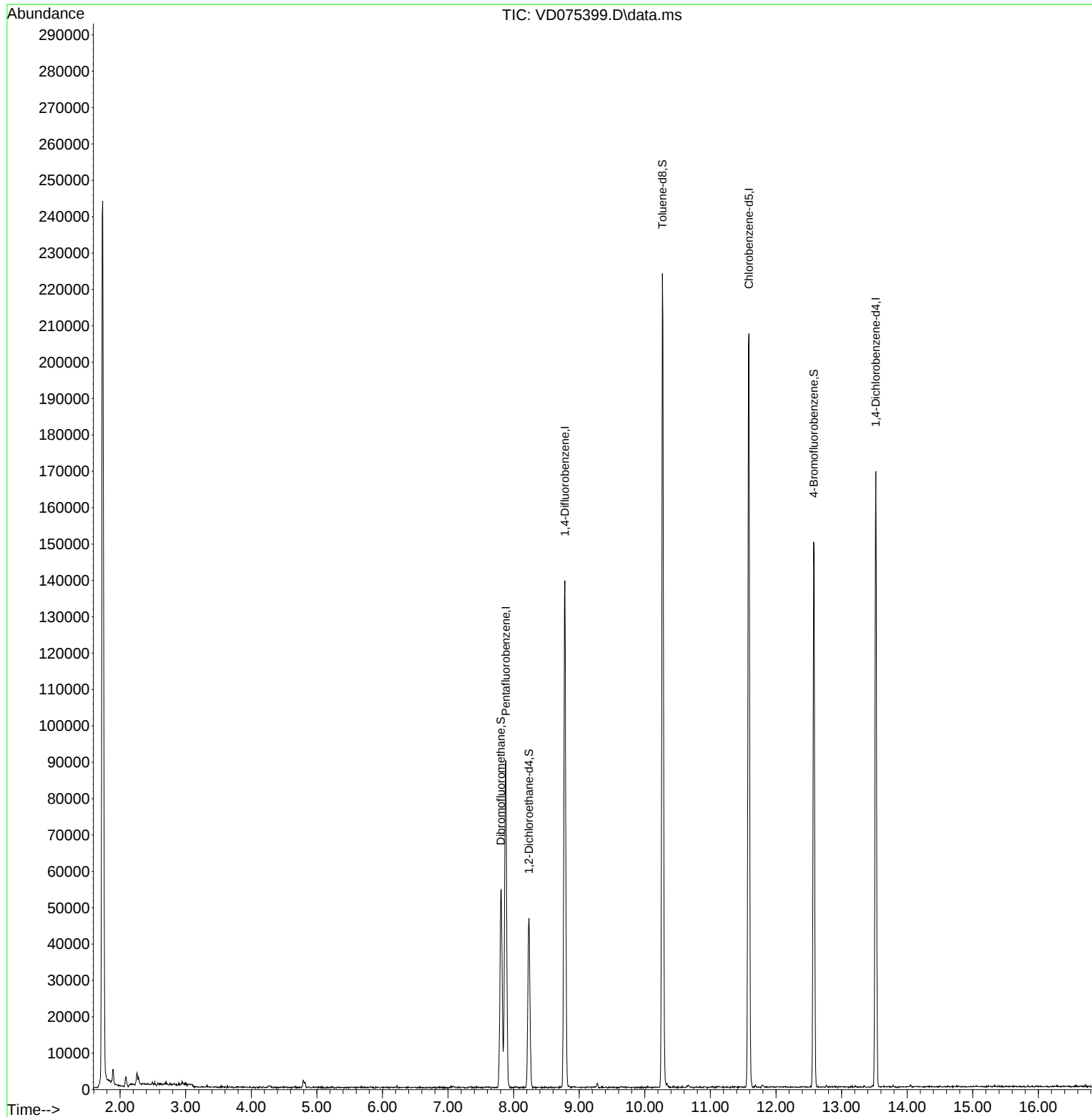
Target Compounds	Qvalue

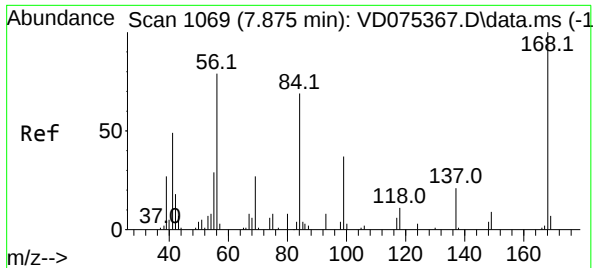
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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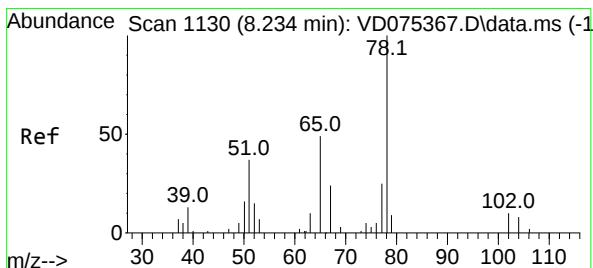
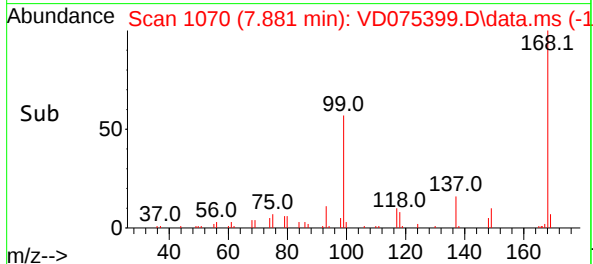
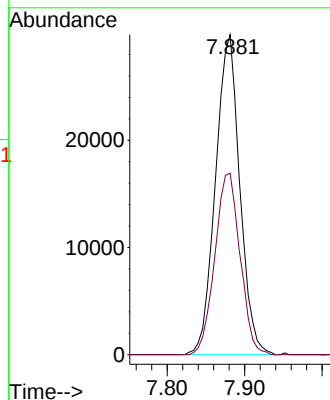
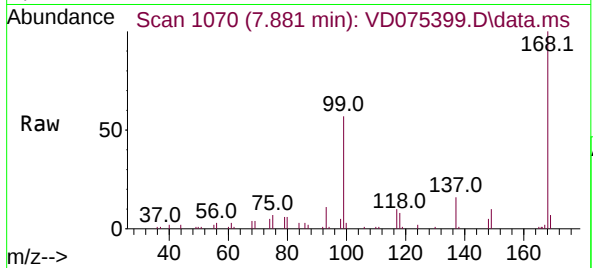




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075399.D
Acq: 22 Feb 2023 14:12

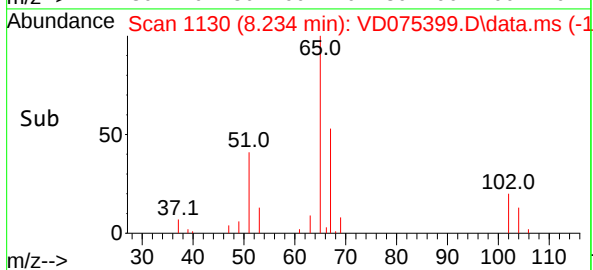
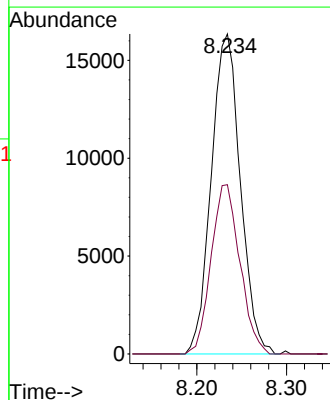
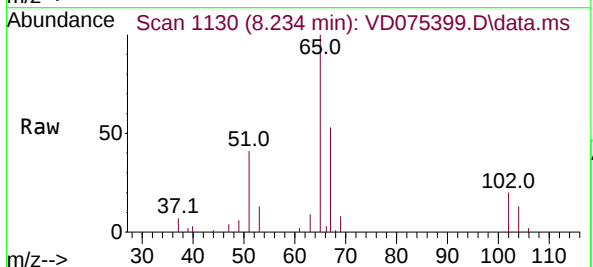
Instrument :
MSVOA_D
ClientSampleId :
B-13-SB01

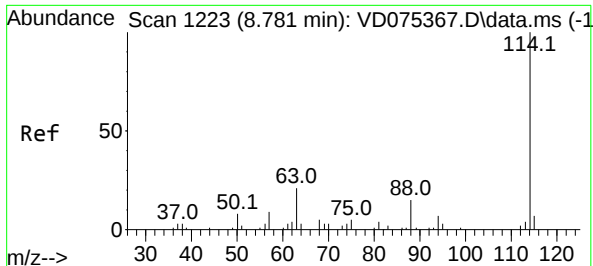
Tgt Ion:168 Resp: 65086
Ion Ratio Lower Upper
168 100
99 56.7 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 66.696 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075399.D
Acq: 22 Feb 2023 14:12

Tgt Ion: 65 Resp: 36783
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.2

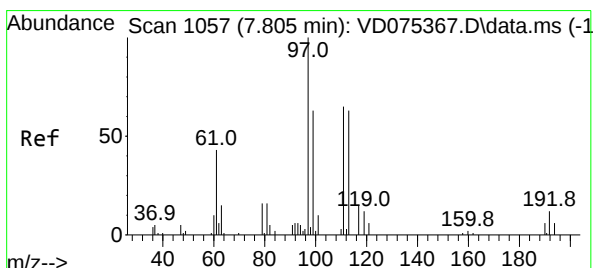
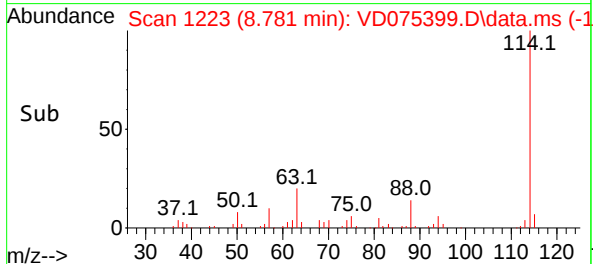
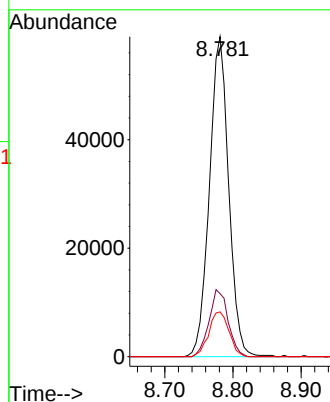
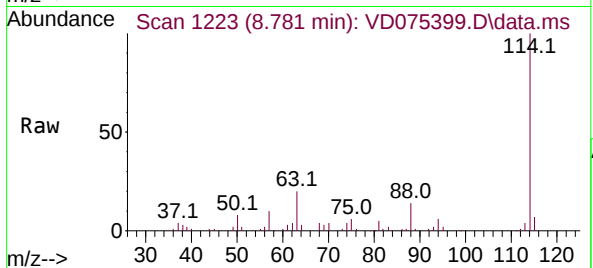




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 116060
Delta R.T. 0.000 min
Lab File: VD075399.D
Acq: 22 Feb 2023 14:12

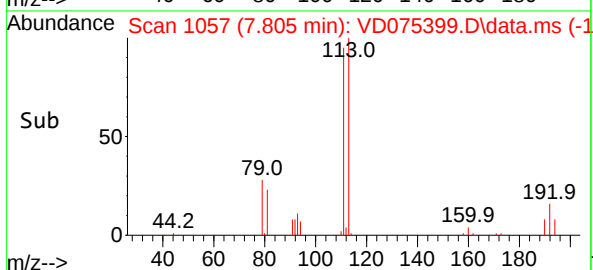
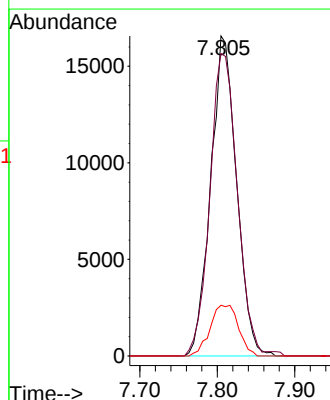
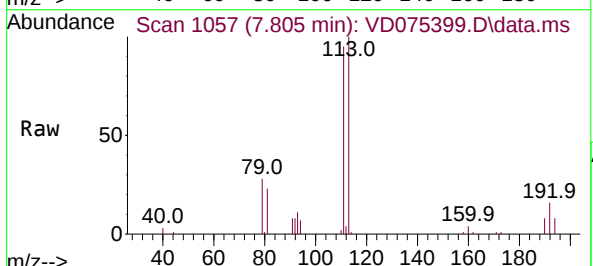
Instrument :
MSVOA_D
ClientSampleId :
B-13-SB01

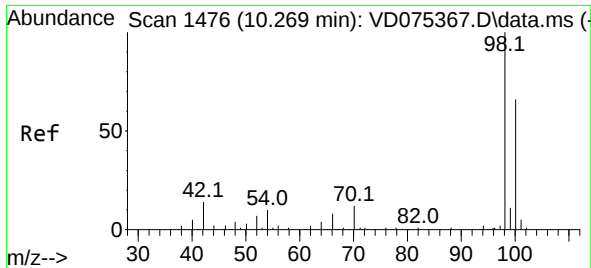
Tgt Ion:	114	Resp:	116060
Ion Ratio	Lower	Upper	
114	100		
63	19.7	0.0	41.6
88	14.0	0.0	30.6



#35
Dibromofluoromethane
Concen: 55.916 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075399.D
Acq: 22 Feb 2023 14:12

Tgt Ion:	113	Resp:	38525
Ion Ratio	Lower	Upper	
113	100		
111	100.1	81.4	122.0
192	17.3	15.2	22.8

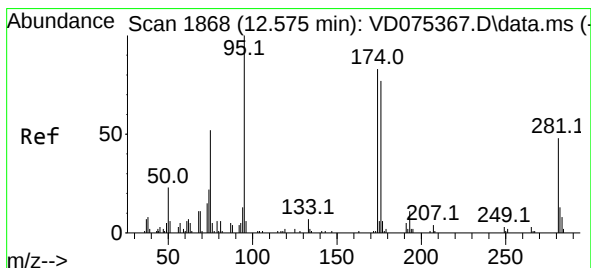
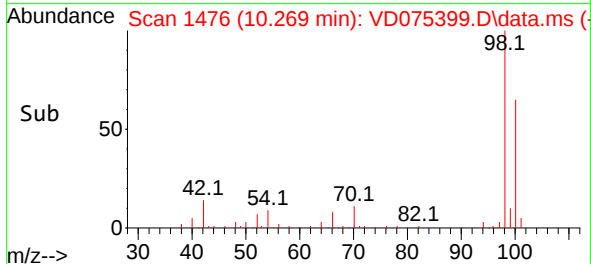
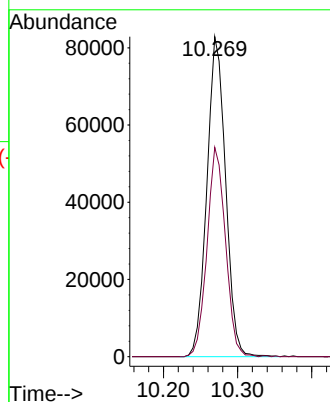
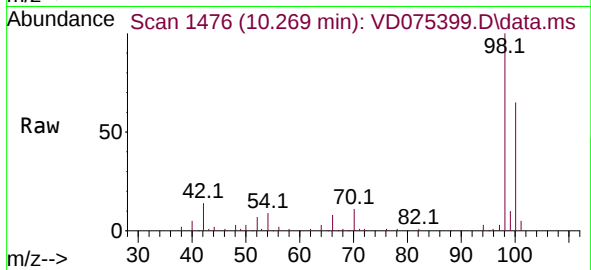




#50
Toluene-d8
Concen: 58.413 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075399.D
Acq: 22 Feb 2023 14:12

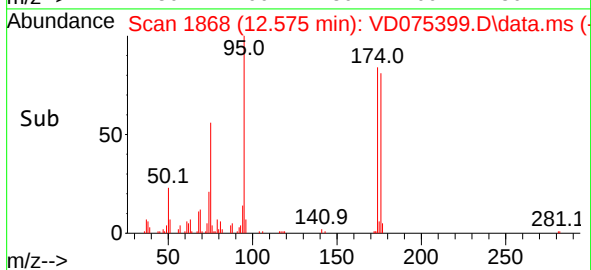
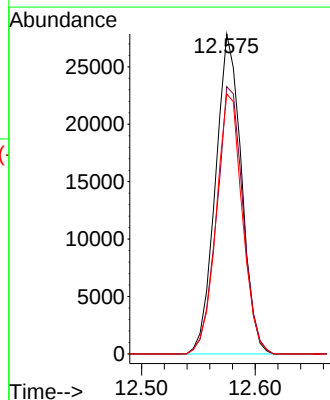
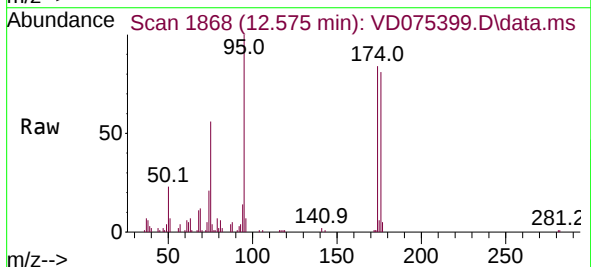
Instrument :
MSVOA_D
ClientSampleId :
B-13-SB01

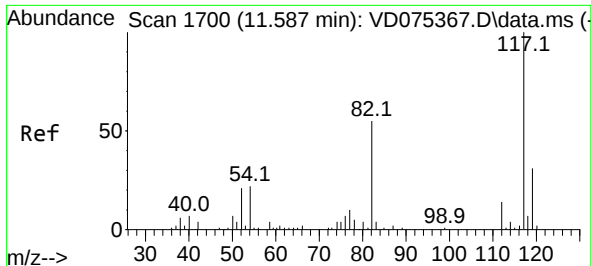
Tgt Ion: 98 Resp: 145243
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.885 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075399.D
Acq: 22 Feb 2023 14:12

Tgt Ion: 95 Resp: 44155
Ion Ratio Lower Upper
95 100
174 84.7 0.0 164.0
176 81.9 0.0 156.8

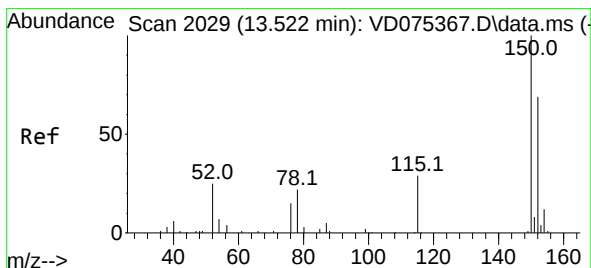
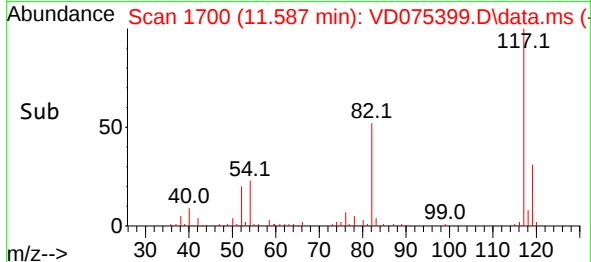
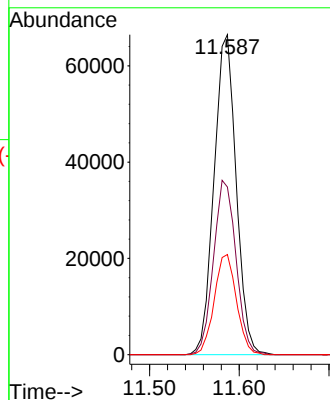
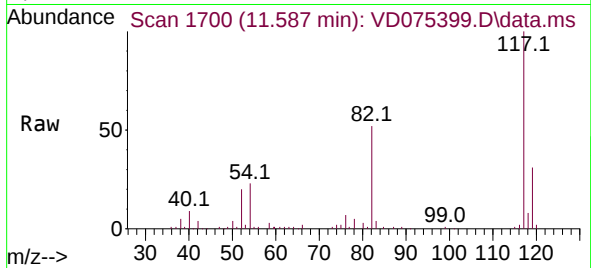




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075399.D
Acq: 22 Feb 2023 14:12

Instrument :
MSVOA_D
ClientSampleId :
B-13-SB01

Tgt Ion:117 Resp: 113852
Ion Ratio Lower Upper
117 100
82 52.4 44.0 66.0
119 31.3 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: VD075399.D
Acq: 22 Feb 2023 14:12

Tgt Ion:152 Resp: 42827
Ion Ratio Lower Upper
152 100
115 59.0 30.1 90.3
150 157.1 0.0 364.8

