

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075236.D
 Acq On : 30 Jan 2023 14:24
 Operator : KP/SY
 Sample : 01348-02
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E-H5(31.5-33.5)

Quant Time: Jan 31 00:22:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	78783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	143485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	137935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	62330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	40086	49.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.720%
35) Dibromofluoromethane	7.804	113	43393	50.048	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.100%
50) Toluene-d8	10.269	98	178913	52.408	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.820%
62) 4-Bromofluorobenzene	12.575	95	56295	51.959	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.920%

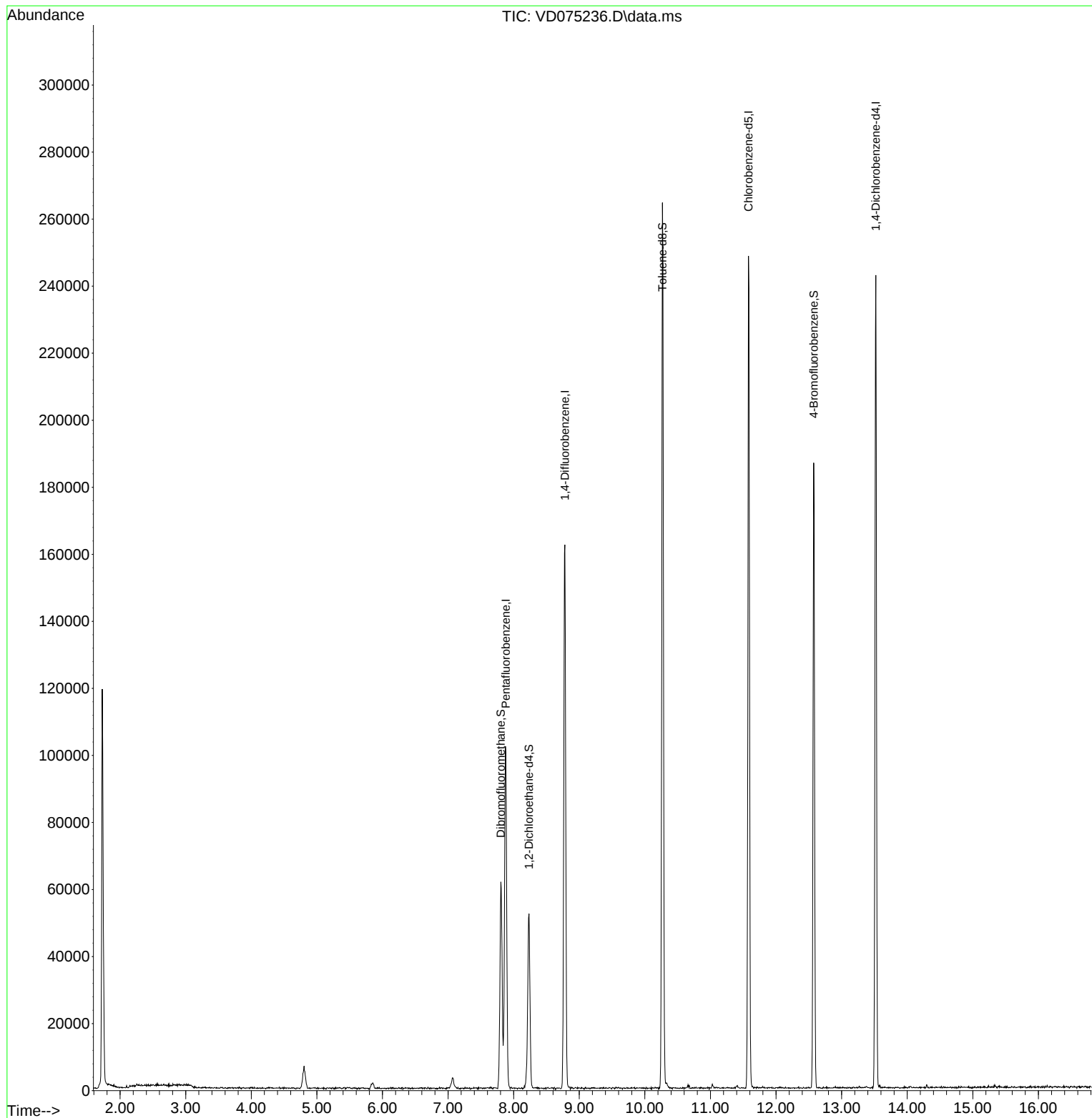
Target Compounds	Qvalue

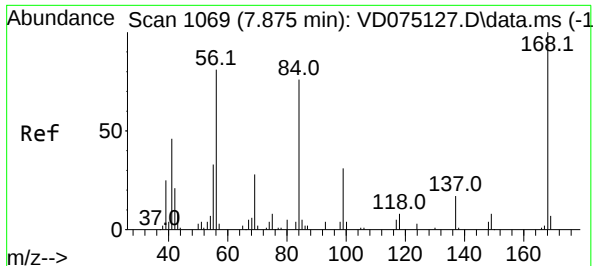
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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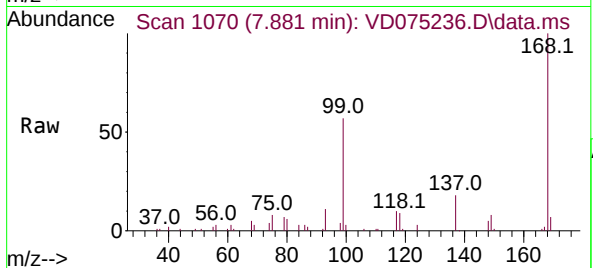
Quant Time: Jan 31 00:22:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
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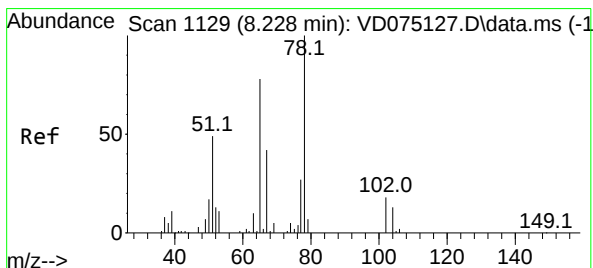
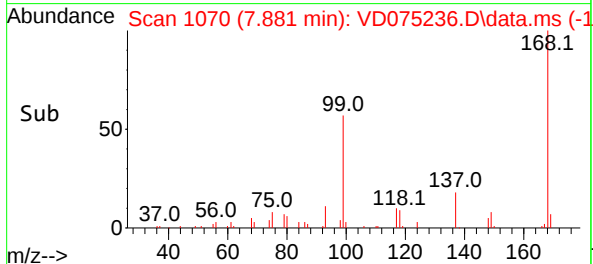
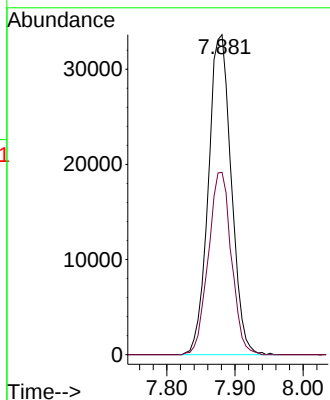


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD075236.D
Acq: 30 Jan 2023 14:24

Instrument :
MSVOA_D
ClientSampleId :
E-H5(31.5-33.5)

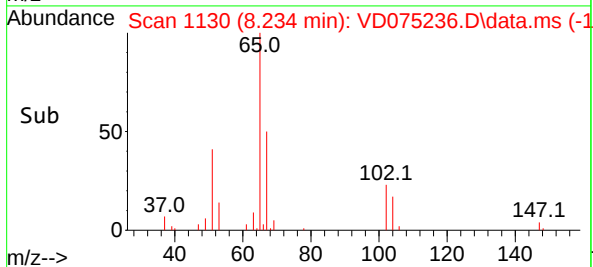
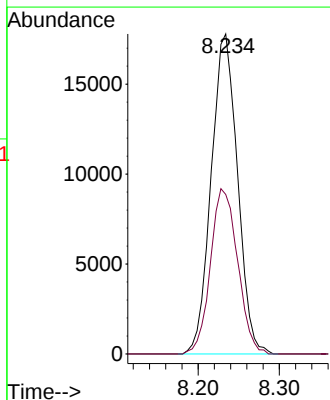
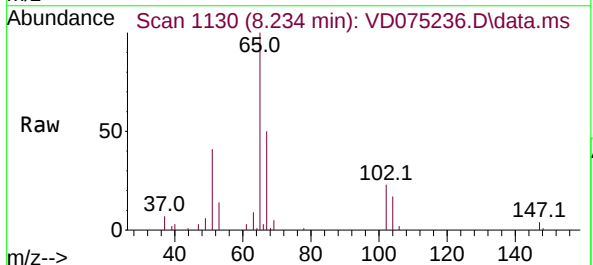


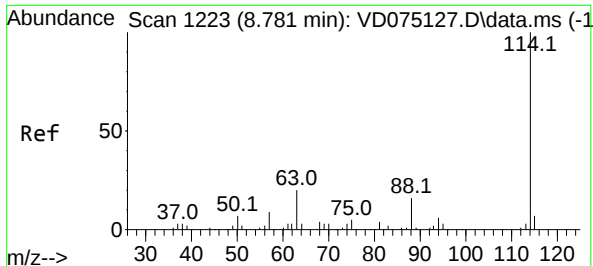
Tgt Ion:168 Resp: 78783
Ion Ratio Lower Upper
168 100
99 57.0 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 49.863 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075236.D
Acq: 30 Jan 2023 14:24

Tgt Ion: 65 Resp: 40086
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.2

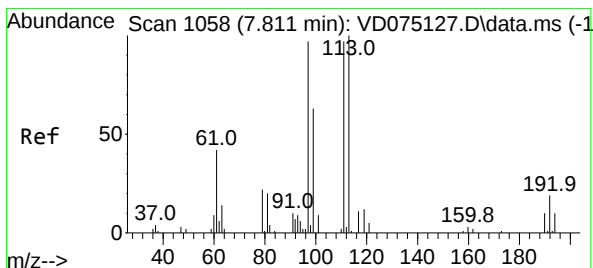
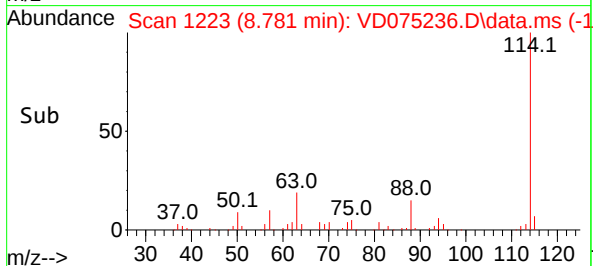
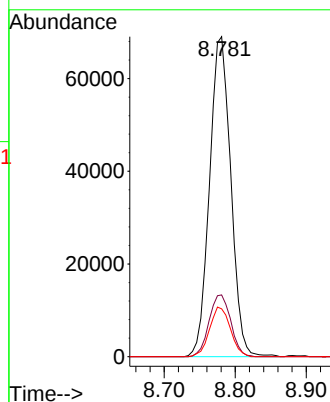
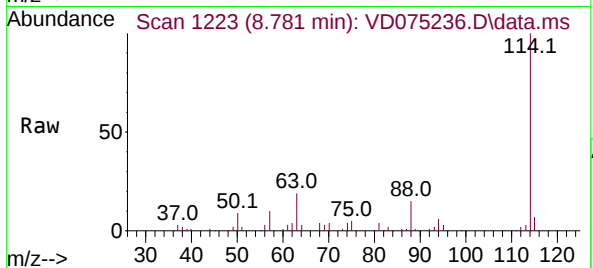




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075236.D
Acq: 30 Jan 2023 14:24

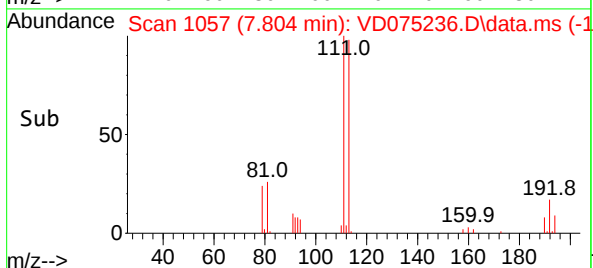
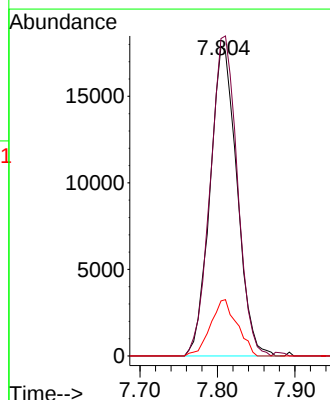
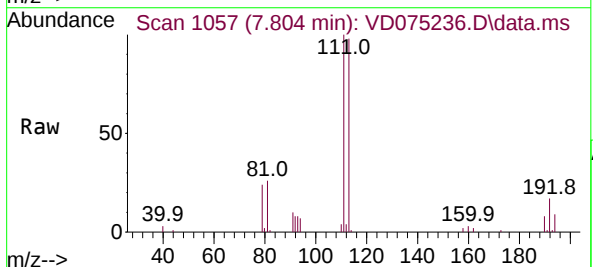
Instrument :
MSVOA_D
ClientSampleId :
E-H5(31.5-33.5)

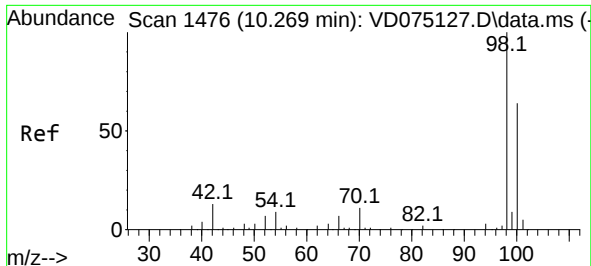
Tgt Ion:114 Resp: 143485
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.2
88 15.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 50.048 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075236.D
Acq: 30 Jan 2023 14:24

Tgt Ion:113 Resp: 43393
Ion Ratio Lower Upper
113 100
111 103.0 80.1 120.1
192 17.9 15.4 23.0

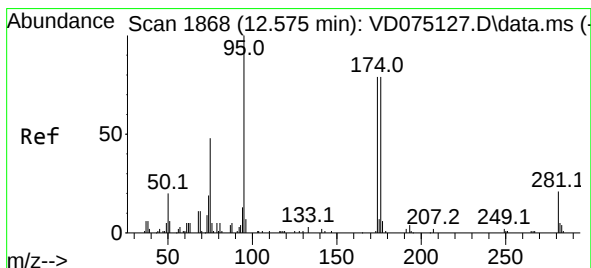
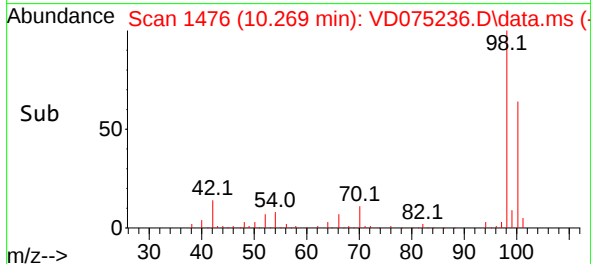
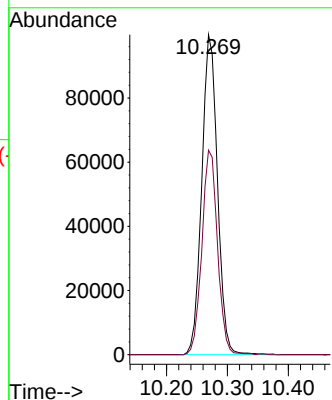
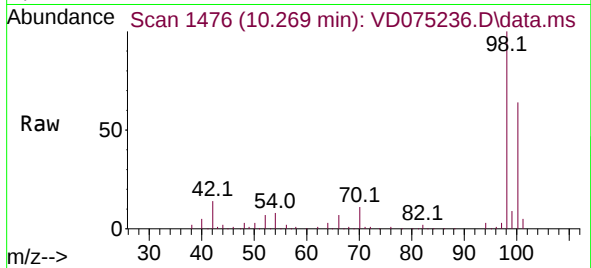




#50
Toluene-d8
Concen: 52.408 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075236.D
Acq: 30 Jan 2023 14:24

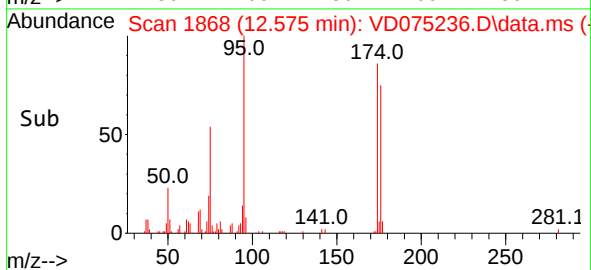
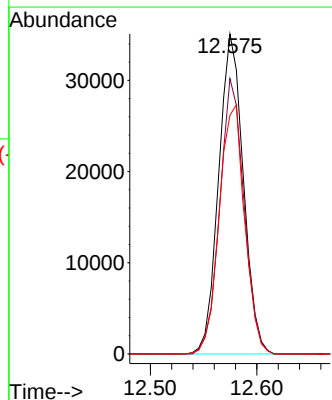
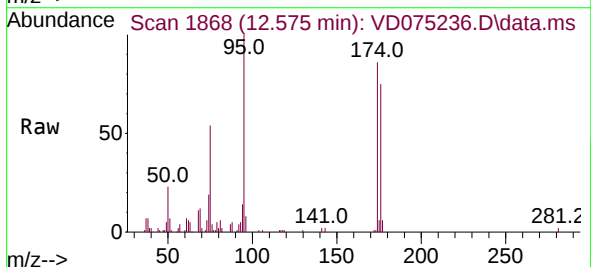
Instrument :
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ClientSampleId :
E-H5(31.5-33.5)

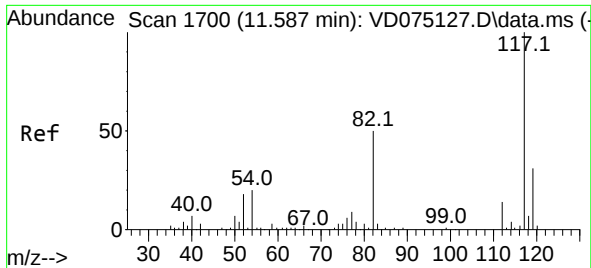
Tgt Ion: 98 Resp: 178913
Ion Ratio Lower Upper
98 100
100 63.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.959 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075236.D
Acq: 30 Jan 2023 14:24

Tgt Ion: 95 Resp: 56295
Ion Ratio Lower Upper
95 100
174 84.3 0.0 161.2
176 80.3 0.0 160.2

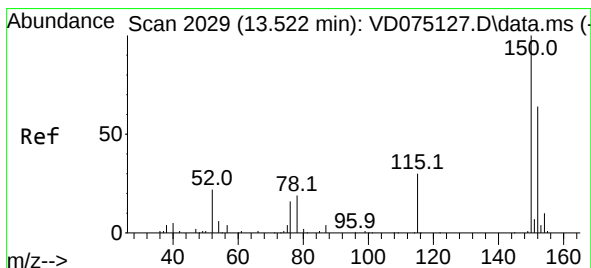
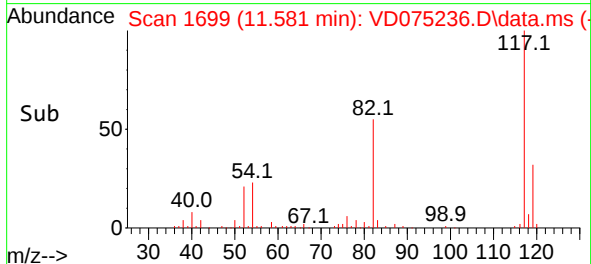
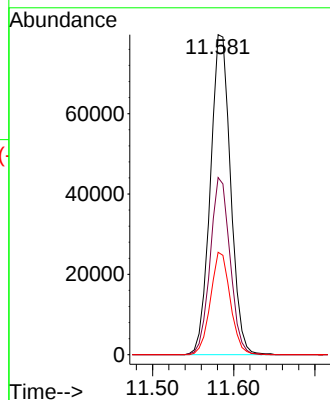
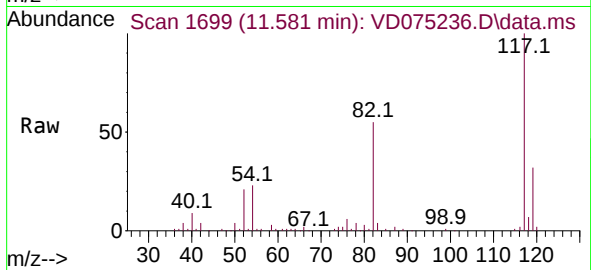




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075236.D
Acq: 30 Jan 2023 14:24

Instrument :
MSVOA_D
ClientSampleId :
E-H5(31.5-33.5)

Tgt Ion:117 Resp: 137935
Ion Ratio Lower Upper
117 100
82 55.4 39.6 59.4
119 32.0 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075236.D
Acq: 30 Jan 2023 14:24

Tgt Ion:152 Resp: 62330
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.4
150 158.0 0.0 348.6

