

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021023\
 Data File : VD075311.D
 Acq On : 10 Feb 2023 15:34
 Operator : KP/SY
 Sample : 01508-09
 Misc : 4.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RS-3

Quant Time: Feb 10 23:40:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	69516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	119776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	118136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	55409	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	33192	40.720	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.440%
35) Dibromofluoromethane	7.805	113	35992	42.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.700%
50) Toluene-d8	10.269	98	148549	46.639	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.280%
62) 4-Bromofluorobenzene	12.575	95	51035	48.594	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.180%

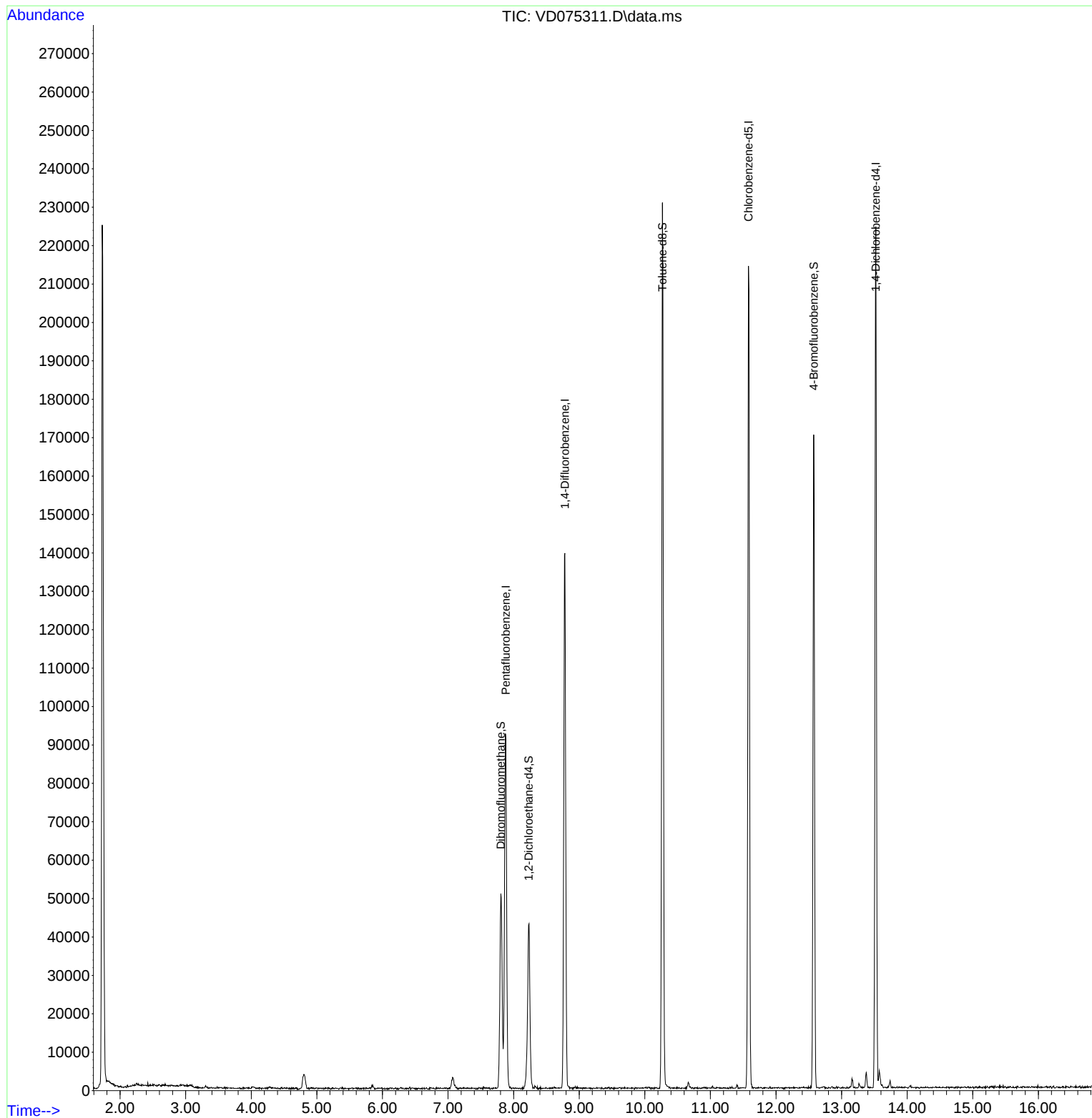
Target Compounds	Qvalue

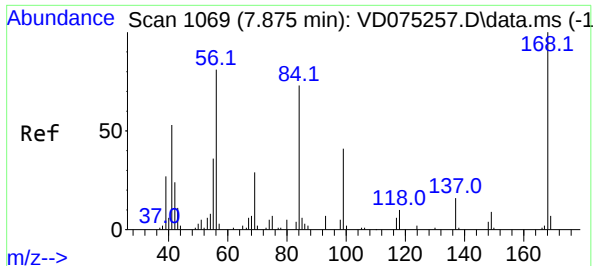
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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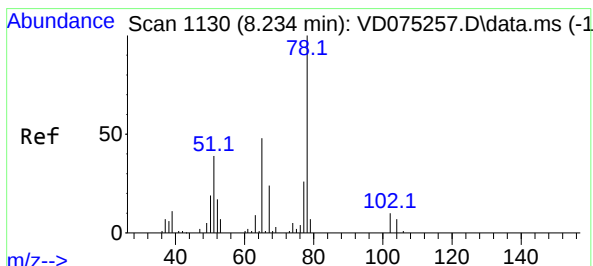
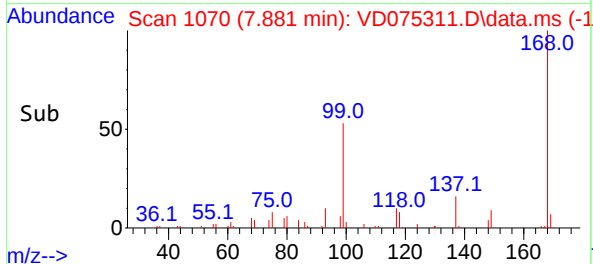
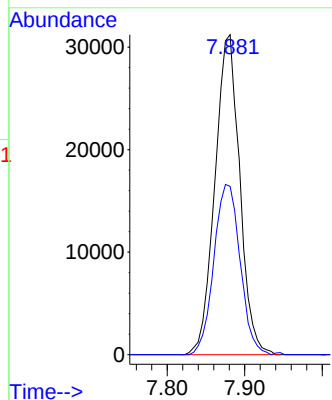
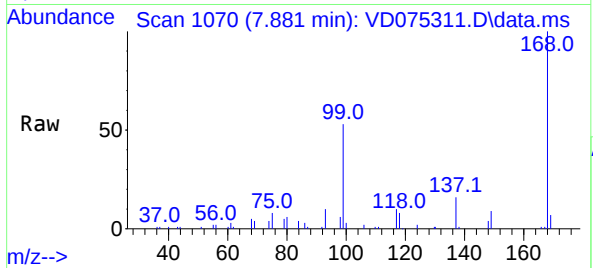




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075311.D
Acq: 10 Feb 2023 15:34

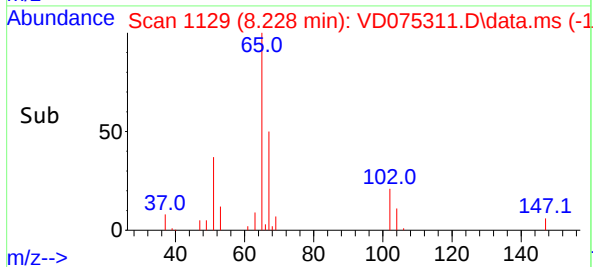
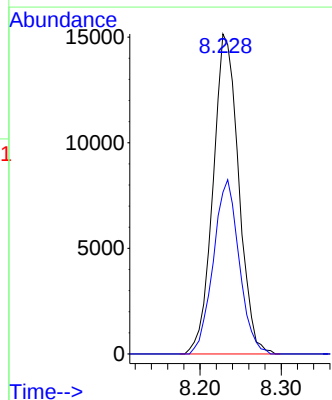
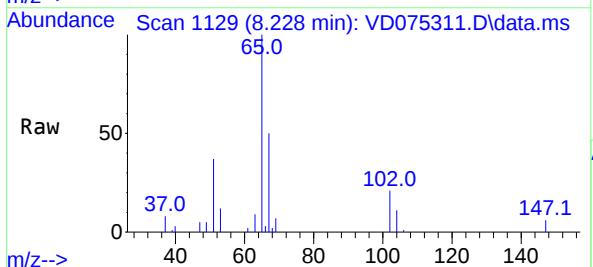
Instrument :
MSVOA_D
ClientSampleId :
RS-3

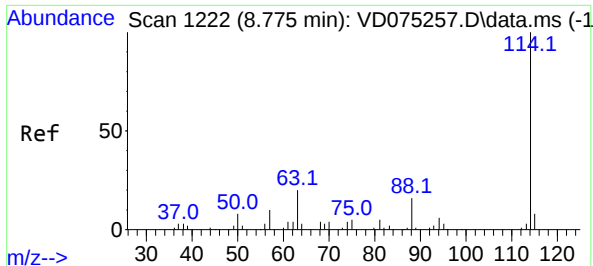
Tgt Ion:168 Resp: 69516
Ion Ratio Lower Upper
168 100
99 52.6 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 40.720 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075311.D
Acq: 10 Feb 2023 15:34

Tgt Ion: 65 Resp: 33192
Ion Ratio Lower Upper
65 100
67 55.0 0.0 105.2

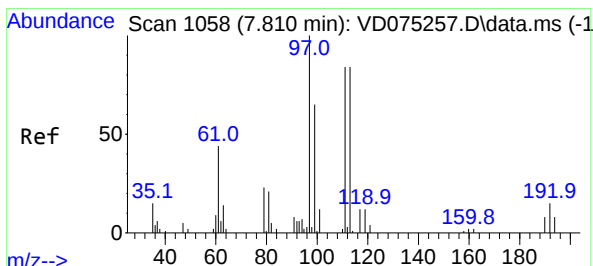
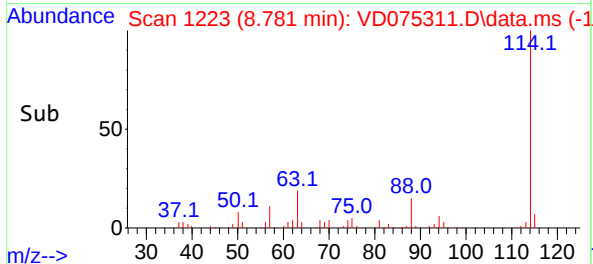
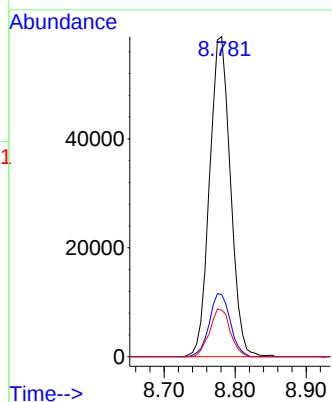
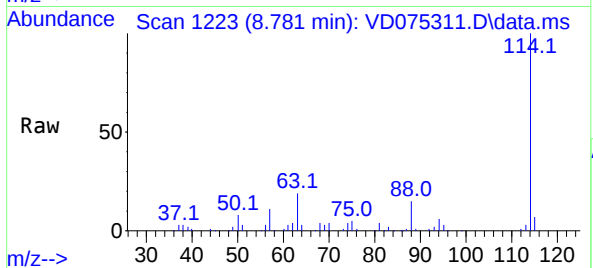




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075311.D
Acq: 10 Feb 2023 15:34

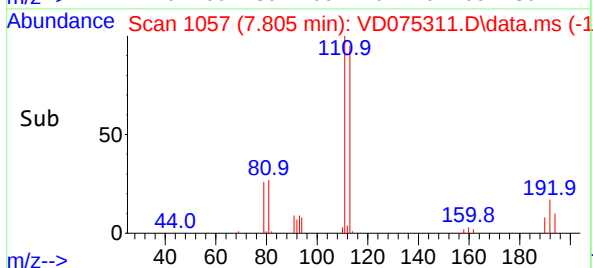
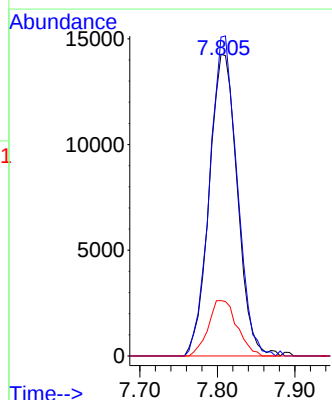
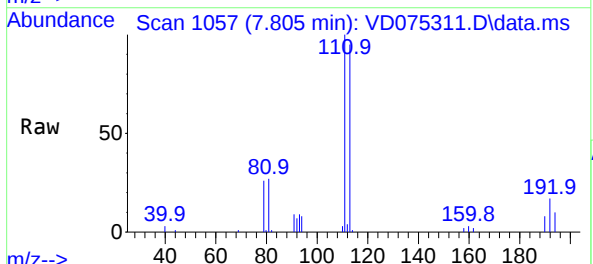
Instrument :
MSVOA_D
ClientSampleId :
RS-3

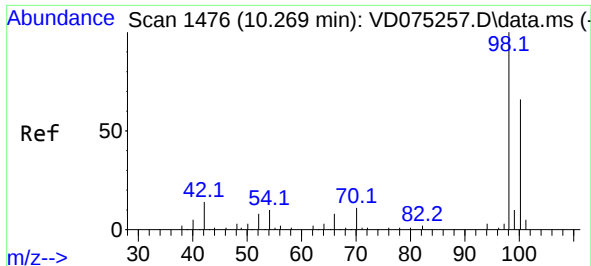
Tgt Ion:114 Resp: 119776
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.2
88 14.6 0.0 32.2



#35
Dibromofluoromethane
Concen: 42.854 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VD075311.D
Acq: 10 Feb 2023 15:34

Tgt Ion:113 Resp: 35992
Ion Ratio Lower Upper
113 100
111 103.3 80.1 120.1
192 18.8 15.4 23.0

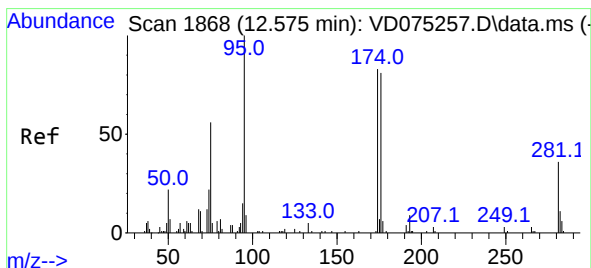
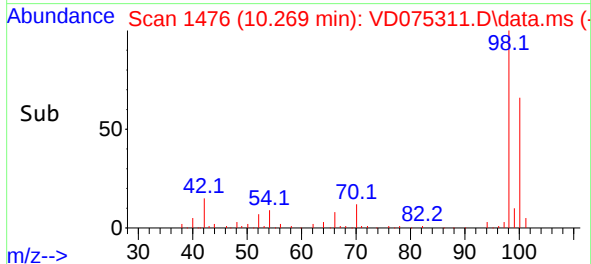
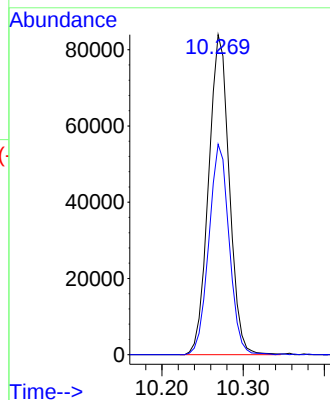
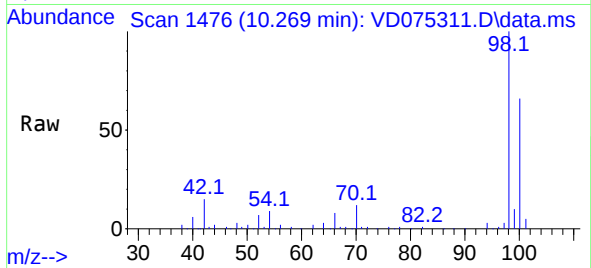




#50
Toluene-d8
Concen: 46.639 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075311.D
Acq: 10 Feb 2023 15:34

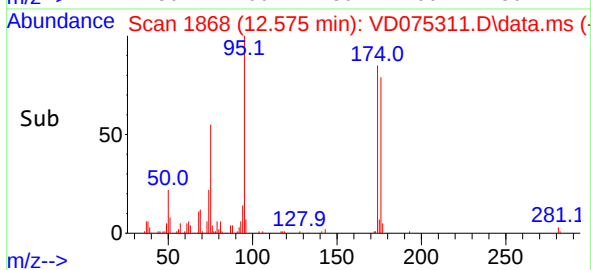
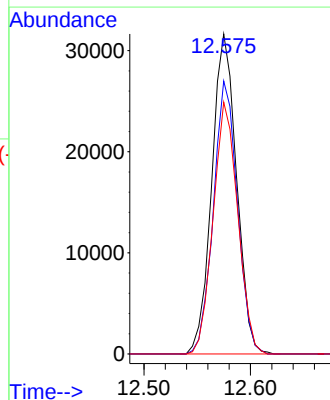
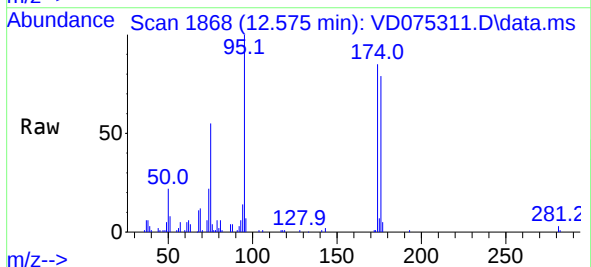
Instrument :
MSVOA_D
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RS-3

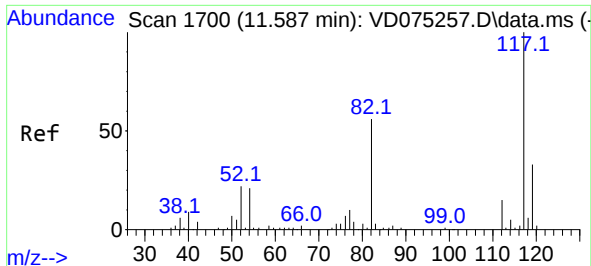
Tgt Ion: 98 Resp: 148549
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 48.594 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075311.D
Acq: 10 Feb 2023 15:34

Tgt Ion: 95 Resp: 51035
Ion Ratio Lower Upper
95 100
174 82.8 0.0 161.2
176 78.2 0.0 160.2

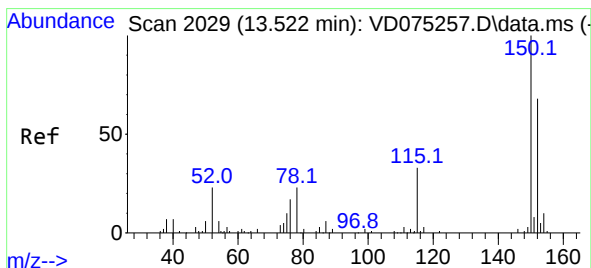
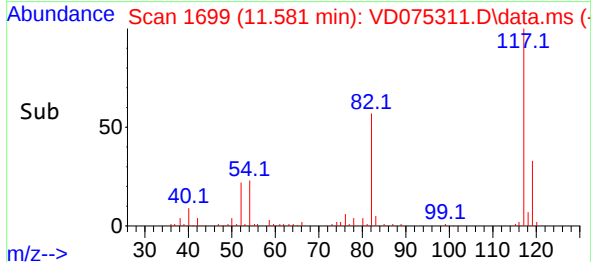
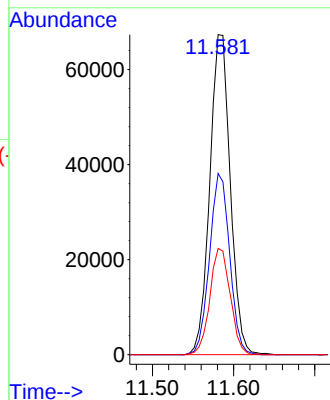
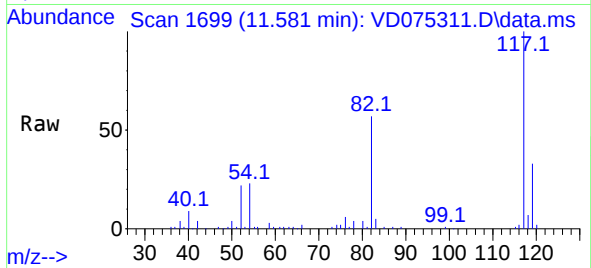




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075311.D
Acq: 10 Feb 2023 15:34

Instrument :
MSVOA_D
ClientSampleId :
RS-3

Tgt Ion:117 Resp: 118136
Ion Ratio Lower Upper
117 100
82 56.6 39.6 59.4
119 33.2 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: VD075311.D
Acq: 10 Feb 2023 15:34

Tgt Ion:152 Resp: 55409
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.4
150 159.7 0.0 348.6

