

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021023\
 Data File : VD075312.D
 Acq On : 10 Feb 2023 16:02
 Operator : KP/SY
 Sample : 01508-10
 Misc : 5.65G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CV-1

Quant Time: Feb 10 23:40:47 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	7.875	168	67198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	119210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	120574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	55733	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	34388	43.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.280%
35) Dibromofluoromethane	7.810	113	37271	44.588	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.180%
50) Toluene-d8	10.269	98	147618	46.567	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.140%
62) 4-Bromofluorobenzene	12.575	95	49193	47.062	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.120%

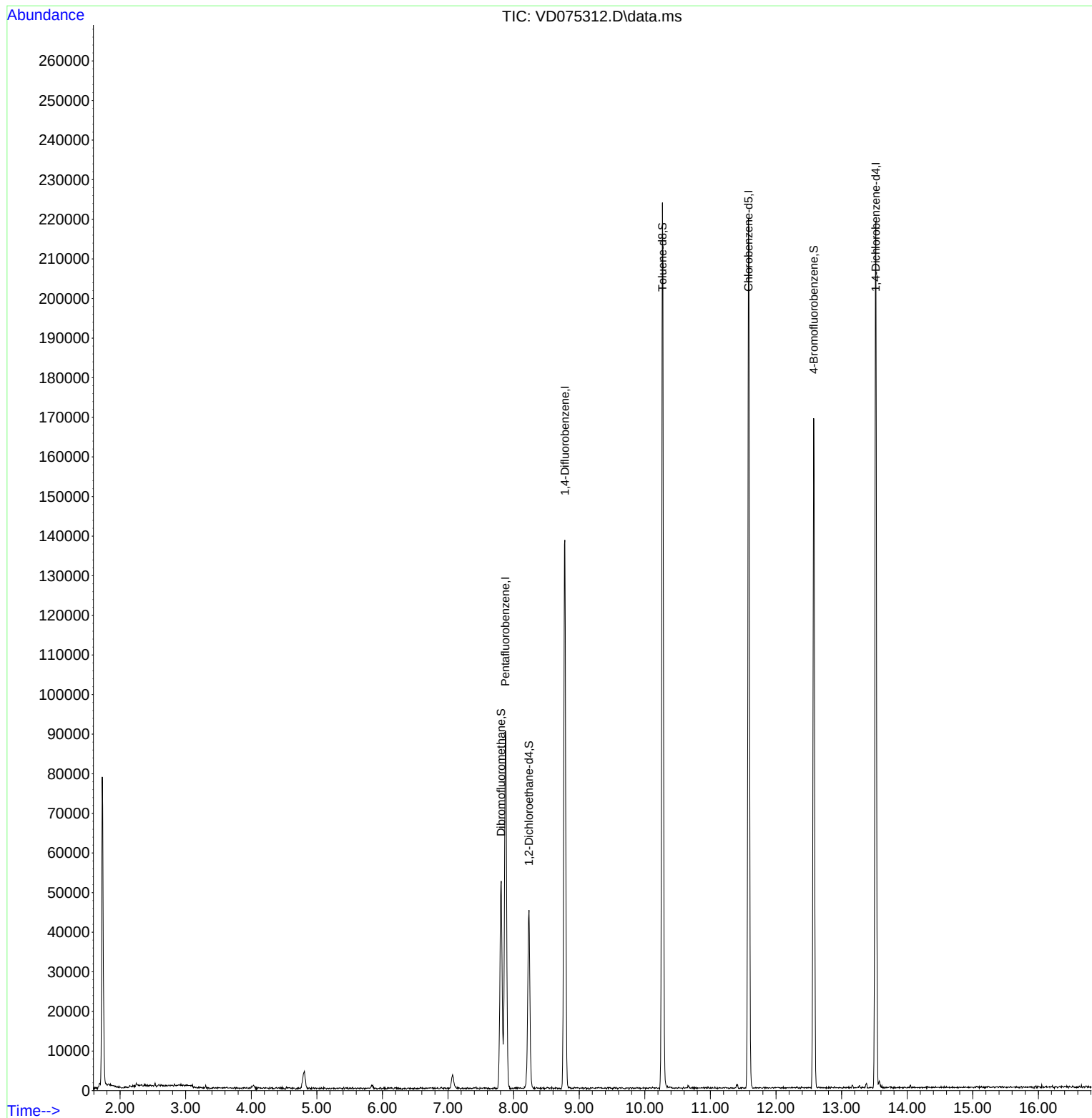
Target Compounds	Qvalue

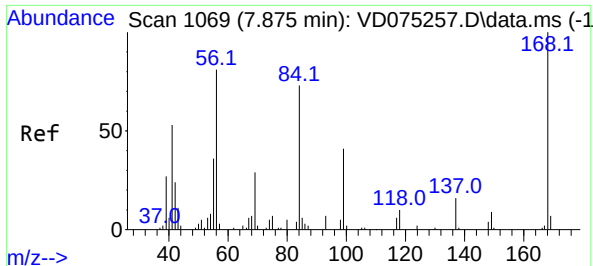
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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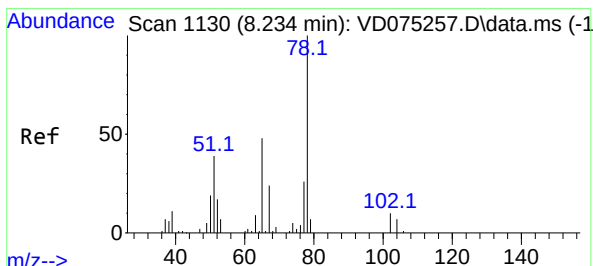
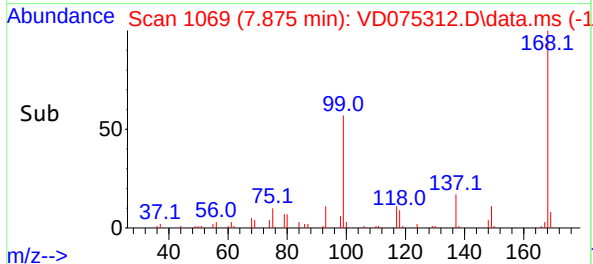
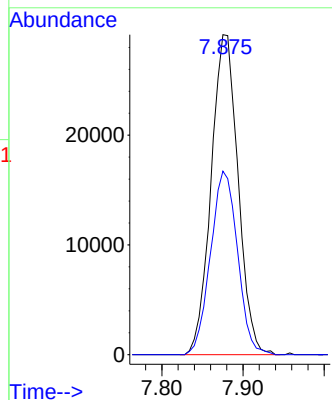
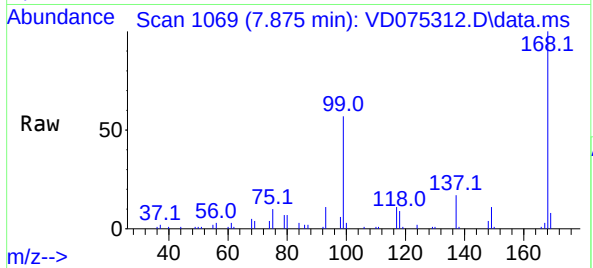




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075312.D
Acq: 10 Feb 2023 16:02

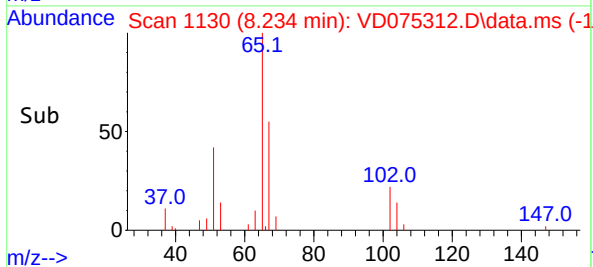
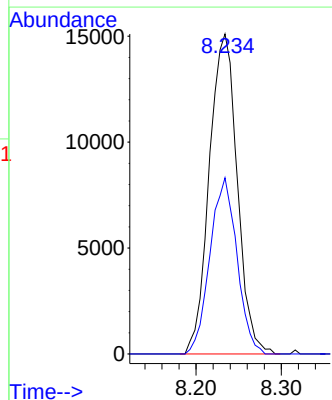
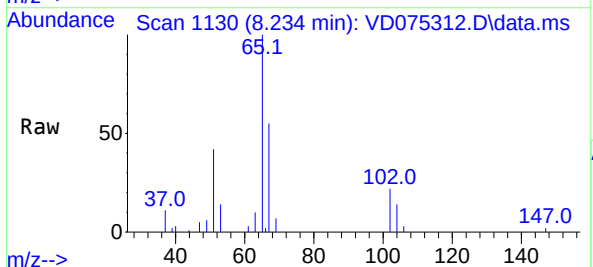
Instrument :
MSVOA_D
ClientSampleId :
CV-1

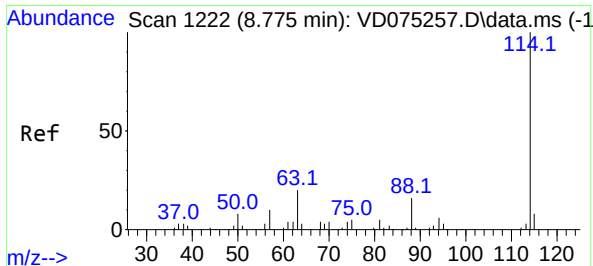
Tgt Ion:168 Resp: 67198
Ion Ratio Lower Upper
168 100
99 57.3 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 43.642 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075312.D
Acq: 10 Feb 2023 16:02

Tgt Ion: 65 Resp: 34388
Ion Ratio Lower Upper
65 100
67 53.1 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: VD075312.D

Acq: 10 Feb 2023 16:02

Instrument :

MSVOA_D

ClientSampleId :

CV-1

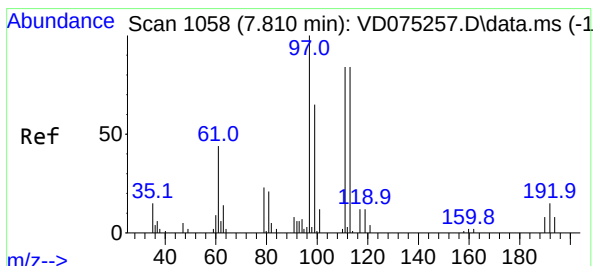
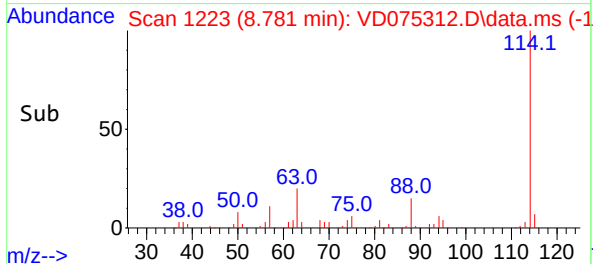
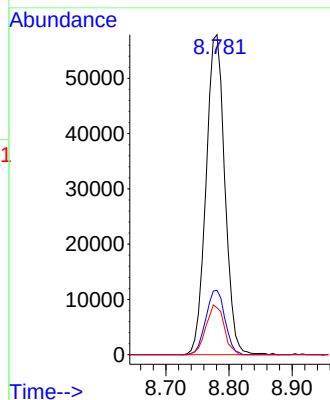
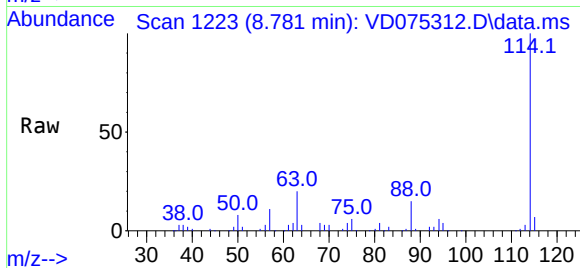
Tgt Ion:114 Resp: 119210

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 14.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 44.588 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075312.D

Acq: 10 Feb 2023 16:02

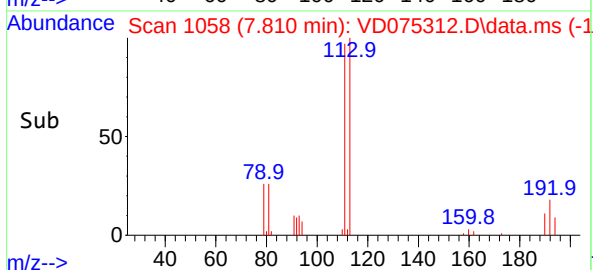
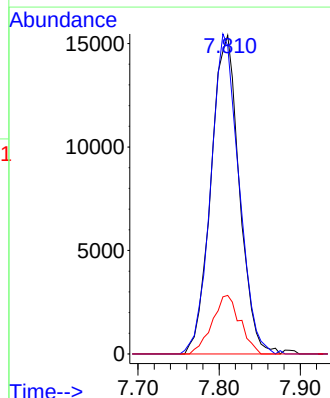
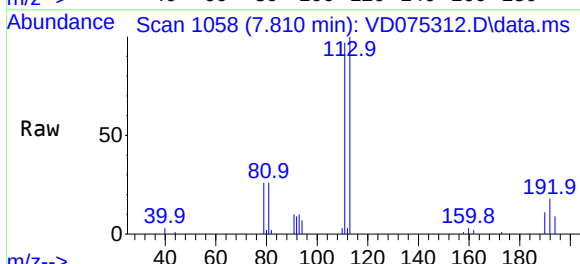
Tgt Ion:113 Resp: 37271

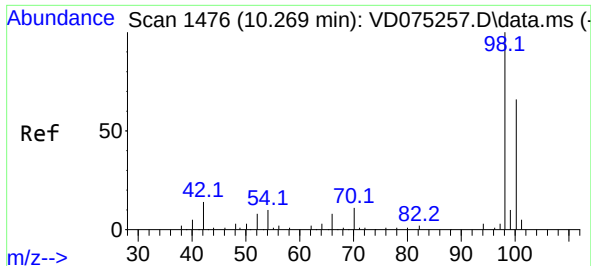
Ion Ratio Lower Upper

113 100

111 100.0 80.1 120.1

192 18.1 15.4 23.0

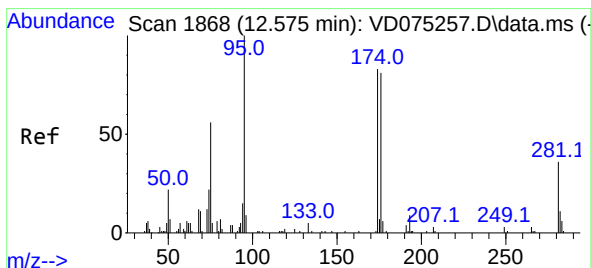
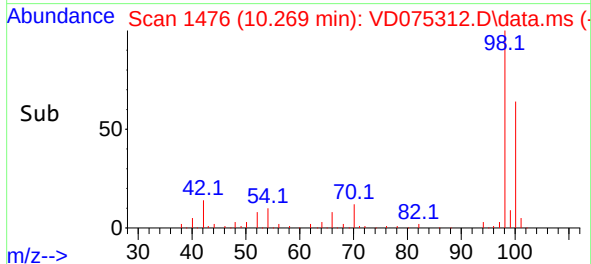
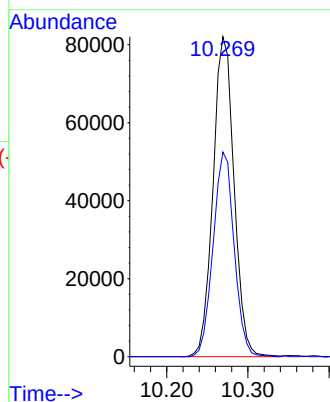
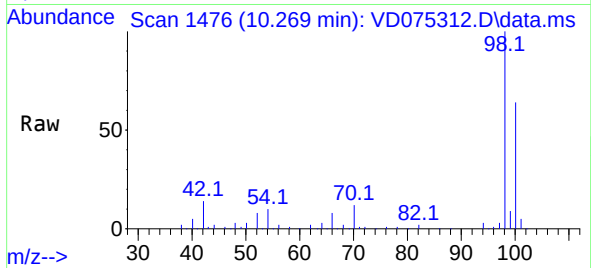




#50
Toluene-d8
Concen: 46.567 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075312.D
Acq: 10 Feb 2023 16:02

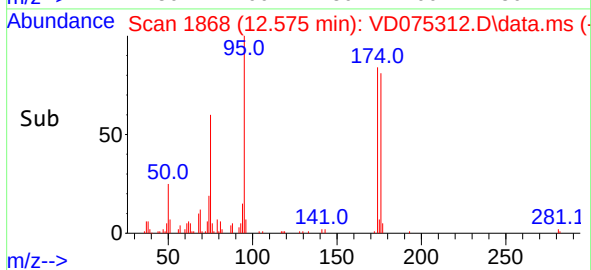
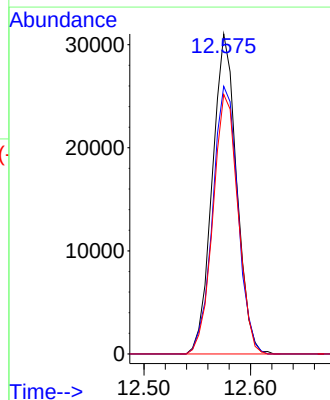
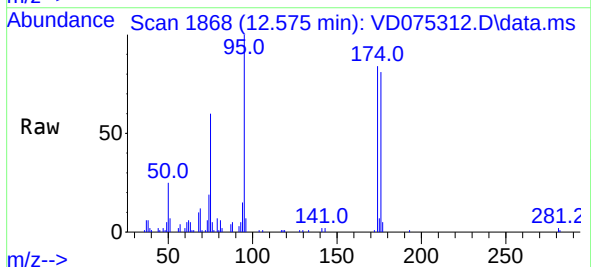
Instrument :
MSVOA_D
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CV-1

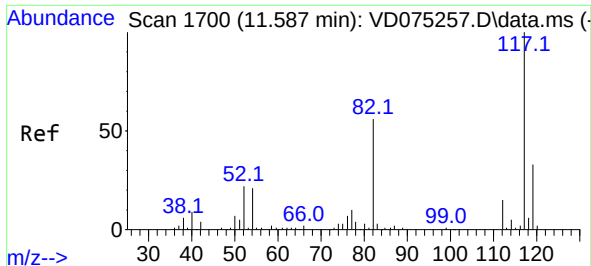
Tgt Ion: 98 Resp: 147618
Ion Ratio Lower Upper
98 100
100 63.9 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.062 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075312.D
Acq: 10 Feb 2023 16:02

Tgt Ion: 95 Resp: 49193
Ion Ratio Lower Upper
95 100
174 86.6 0.0 161.2
176 83.2 0.0 160.2

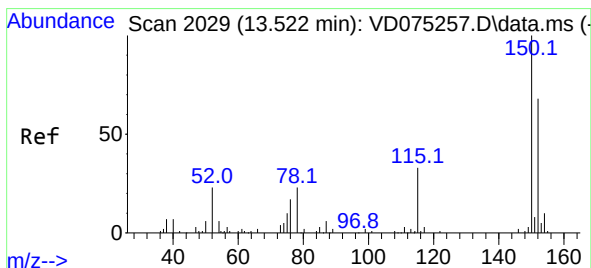
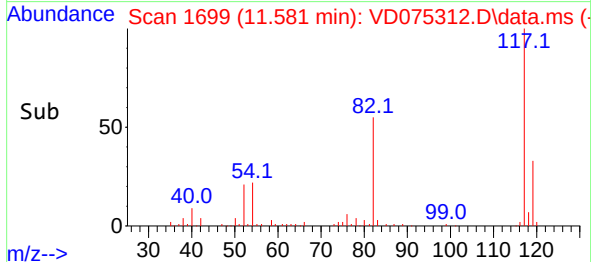
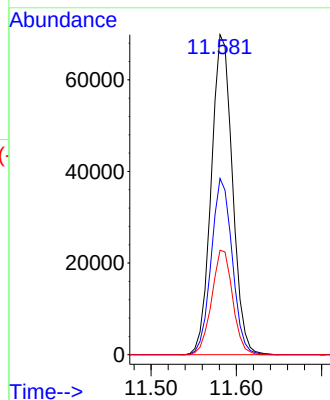
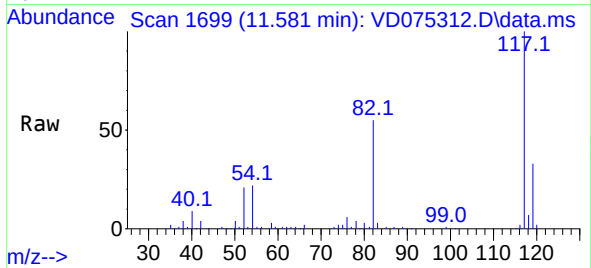




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075312.D
Acq: 10 Feb 2023 16:02

Instrument :
MSVOA_D
ClientSampleId :
CV-1

Tgt Ion:117 Resp: 120574
Ion Ratio Lower Upper
117 100
82 55.1 39.6 59.4
119 32.6 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: VD075312.D
Acq: 10 Feb 2023 16:02

Tgt Ion:152 Resp: 55733
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.4
150 157.0 0.0 348.6

