

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021723\
 Data File : VD075360.D
 Acq On : 17 Feb 2023 17:17
 Operator : KP/SY
 Sample : 01610-03
 Misc : 5.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CF-2

Quant Time: Feb 18 01:07:42 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	63612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	112257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	115788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	54263	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	30929	41.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.940%
35) Dibromofluoromethane	7.811	113	34453	43.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.540%
50) Toluene-d8	10.269	98	141129	47.277	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.560%
62) 4-Bromofluorobenzene	12.575	95	47292	48.046	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.100%

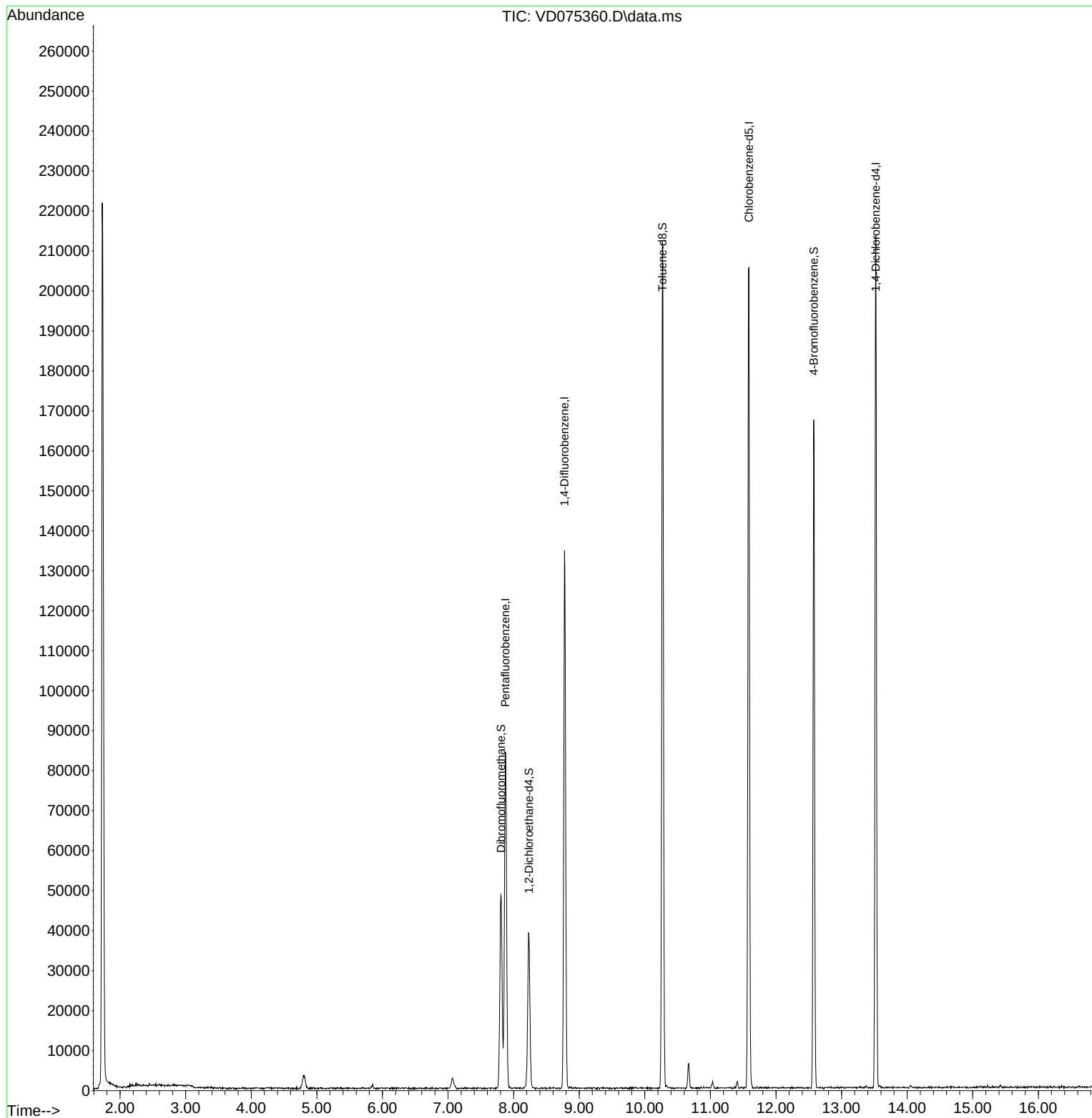
Target Compounds	Qvalue

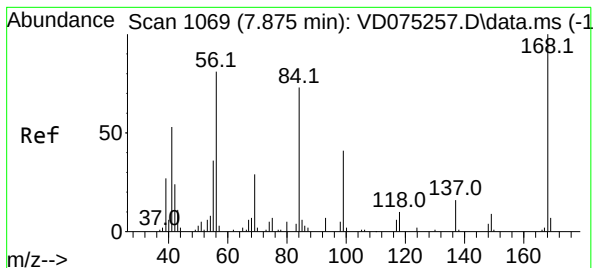
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD075360.D

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Instrument :

MSVOA_D

ClientSampleId :

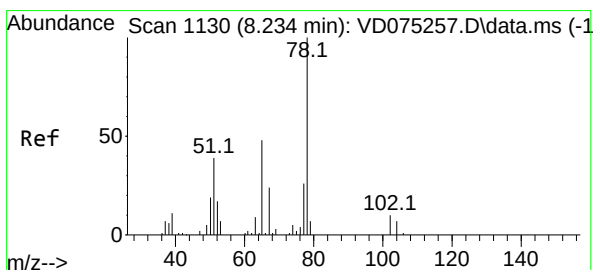
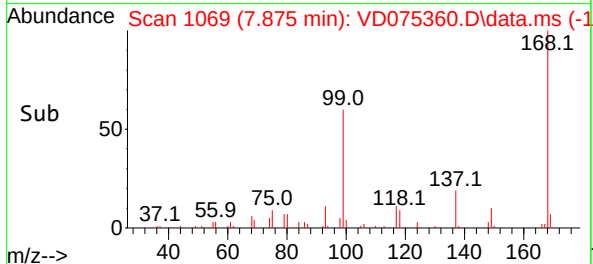
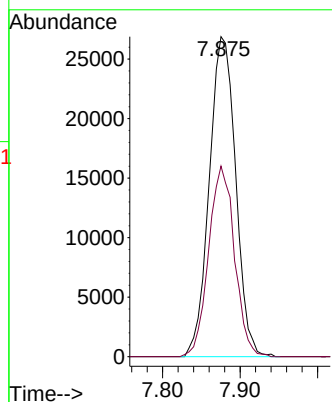
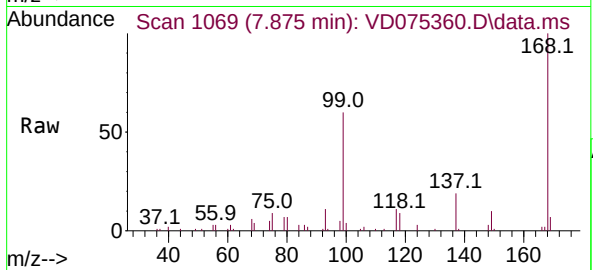
CF-2

Tgt Ion:168 Resp: 63612

Ion Ratio Lower Upper

168 100

99 59.5 45.2 67.8



#33

1,2-Dichloroethane-d4

Concen: 41.465 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075360.D

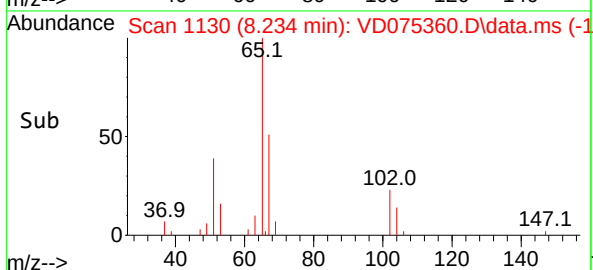
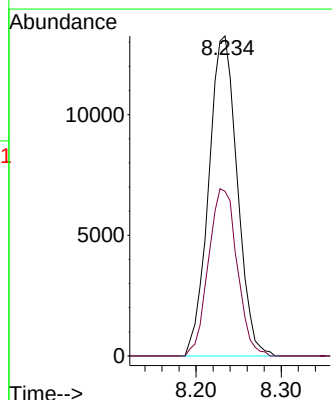
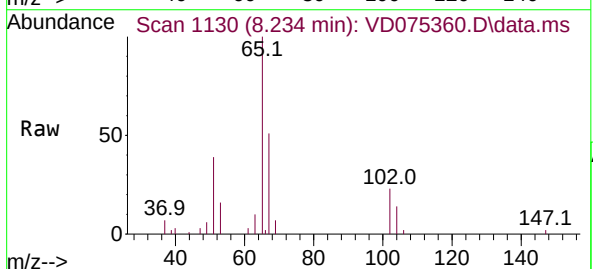
Acq: 17 Feb 2023 17:17

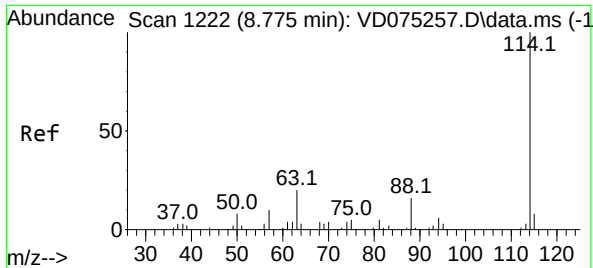
Tgt Ion: 65 Resp: 30929

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.2

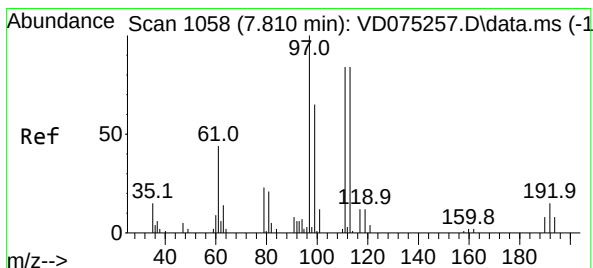
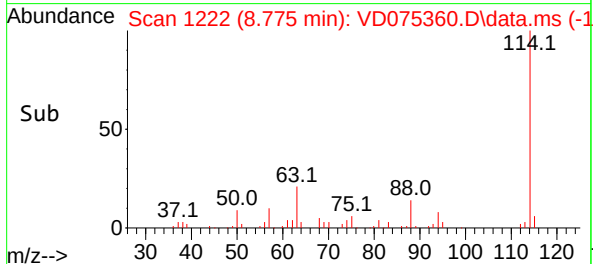
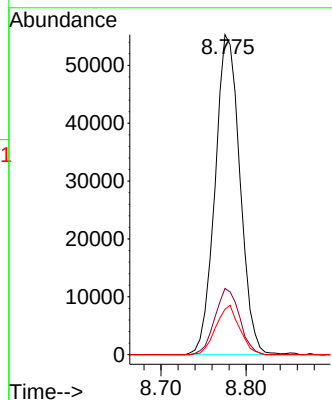
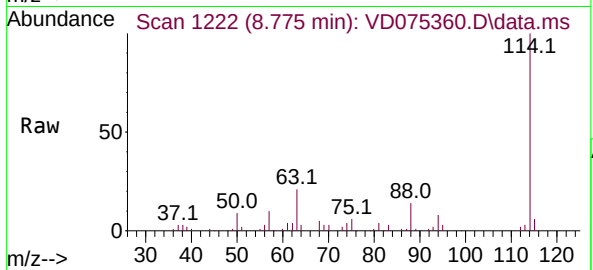




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 112257
Delta R.T. 0.000 min
Lab File: VD075360.D
Acq: 17 Feb 2023 17:17

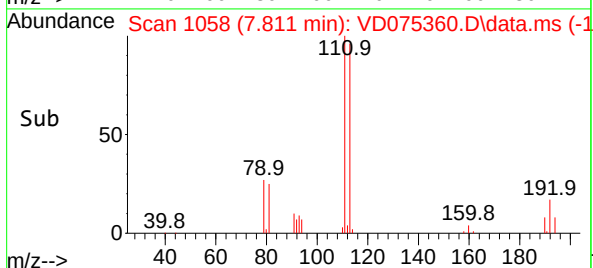
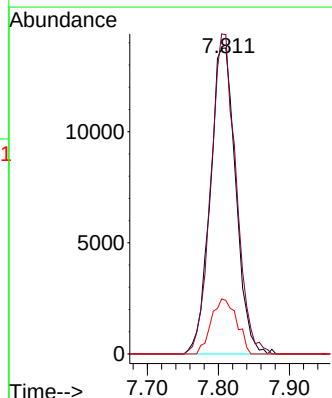
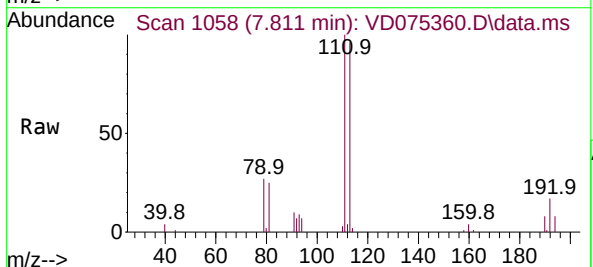
Instrument :
MSVOA_D
ClientSampleId :
CF-2

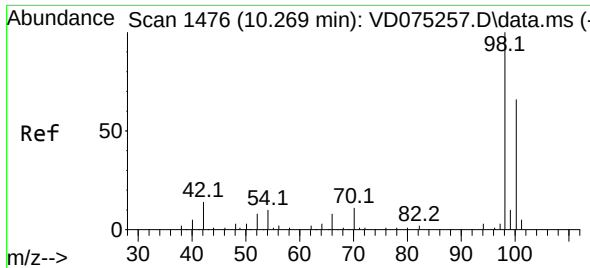
Tgt Ion:114 Resp: 112257
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.2
88 14.2 0.0 32.2



#35
Dibromofluoromethane
Concen: 43.770 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VD075360.D
Acq: 17 Feb 2023 17:17

Tgt Ion:113 Resp: 34453
Ion Ratio Lower Upper
113 100
111 102.5 80.1 120.1
192 17.8 15.4 23.0

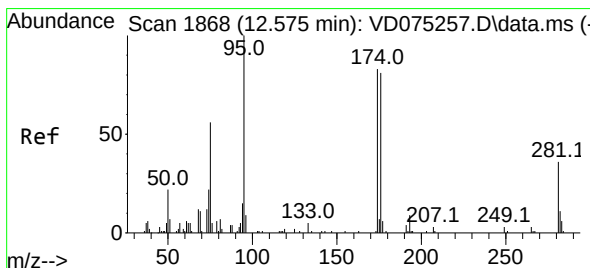
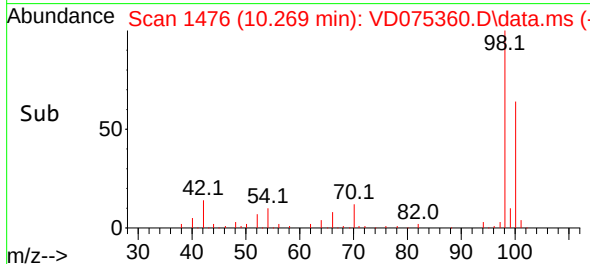
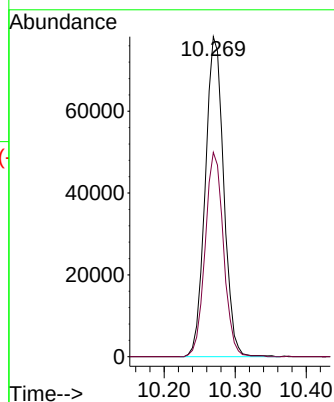
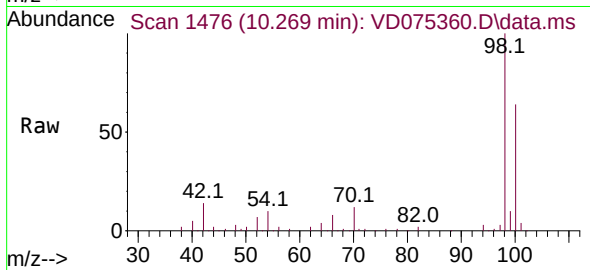




#50
Toluene-d8
Concen: 47.277 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075360.D
Acq: 17 Feb 2023 17:17

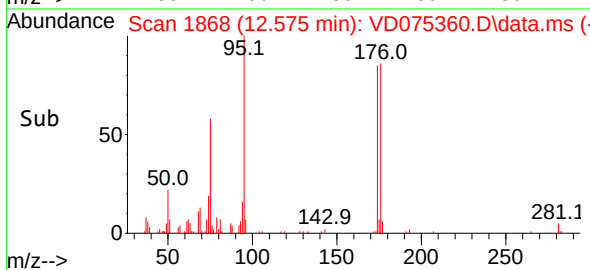
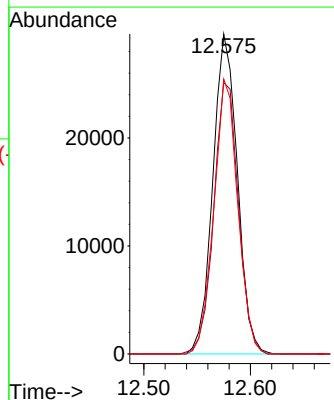
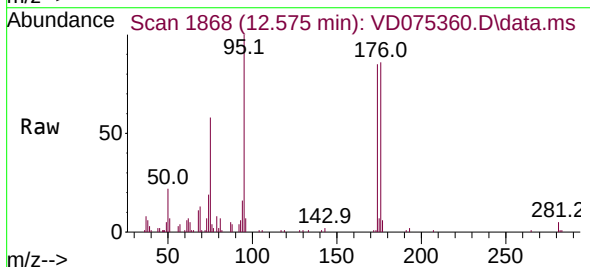
Instrument :
MSVOA_D
ClientSampleId :
CF-2

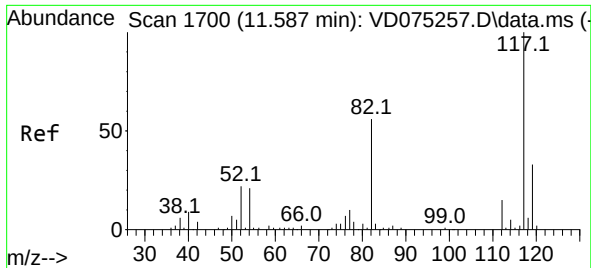
Tgt Ion: 98 Resp: 141129
Ion Ratio Lower Upper
98 100
100 63.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 48.046 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075360.D
Acq: 17 Feb 2023 17:17

Tgt Ion: 95 Resp: 47292
Ion Ratio Lower Upper
95 100
174 85.4 0.0 161.2
176 83.8 0.0 160.2

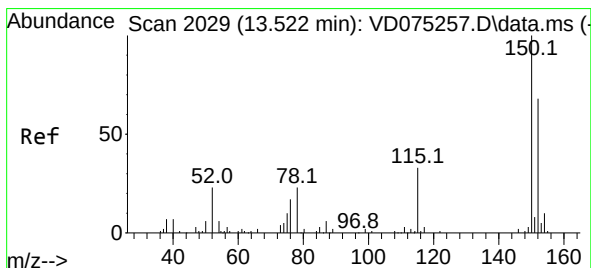
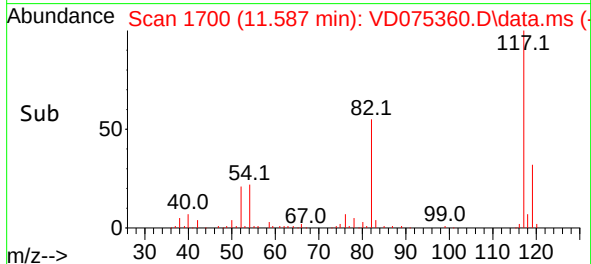
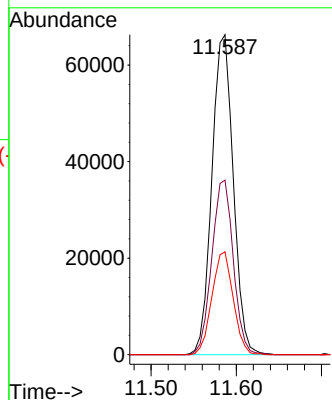
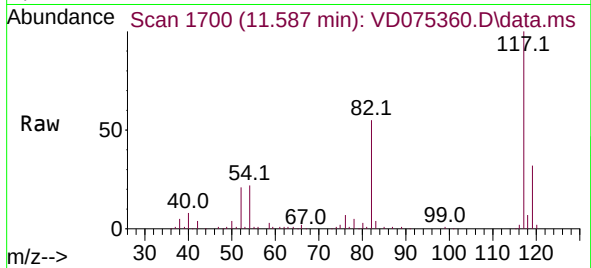




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075360.D
Acq: 17 Feb 2023 17:17

Instrument :
MSVOA_D
ClientSampleId :
CF-2

Tgt Ion:117 Resp: 115788
Ion Ratio Lower Upper
117 100
82 54.5 39.6 59.4
119 32.2 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: VD075360.D
Acq: 17 Feb 2023 17:17

Tgt Ion:152 Resp: 54263
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.4
150 154.6 0.0 348.6

