

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075321.D
 Acq On : 13 Feb 2023 12:07
 Operator : KP/SY
 Sample : 01528-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-021023

Quant Time: Feb 14 01:18:11 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	43340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	75480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	78034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	38158	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	24630	48.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.940%
35) Dibromofluoromethane	7.805	113	24979	47.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.400%
50) Toluene-d8	10.269	98	93443	46.555	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.100%
62) 4-Bromofluorobenzene	12.575	95	34519	52.157	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.320%

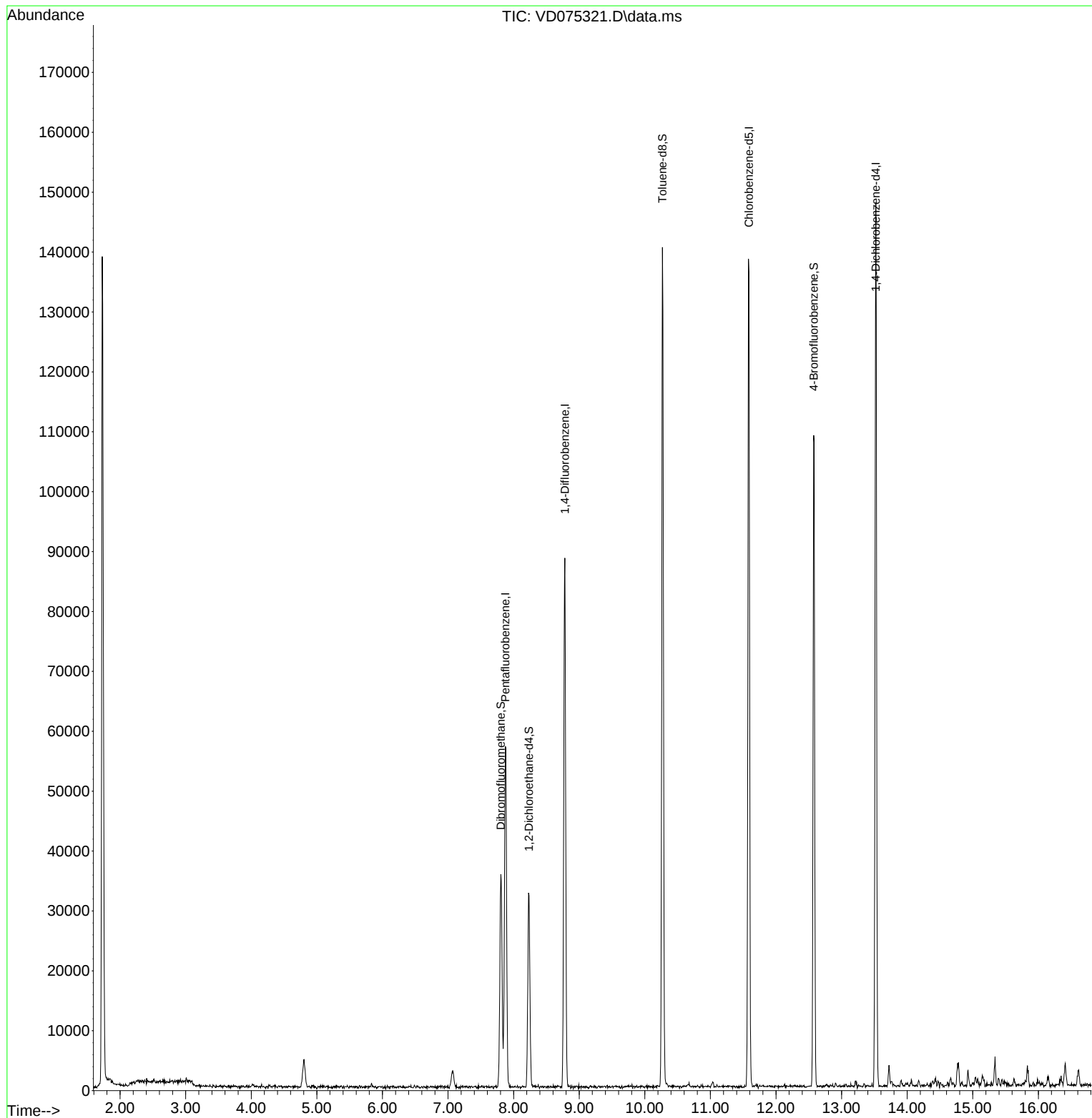
Target Compounds	Qvalue

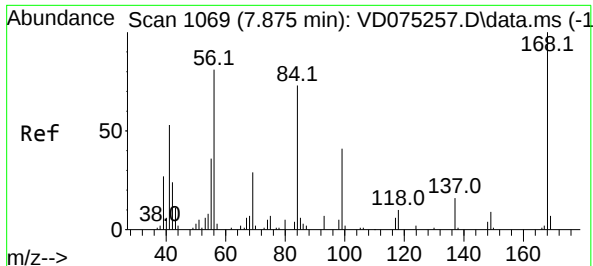
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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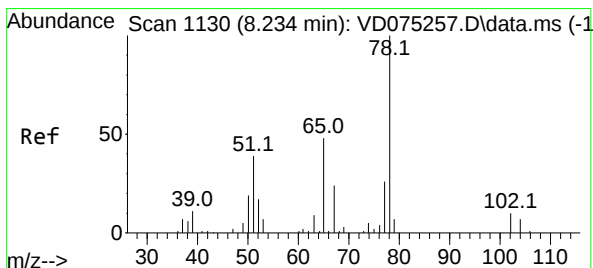
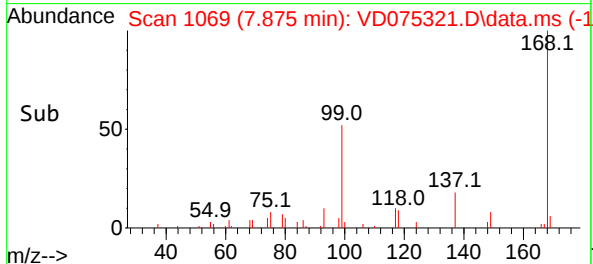
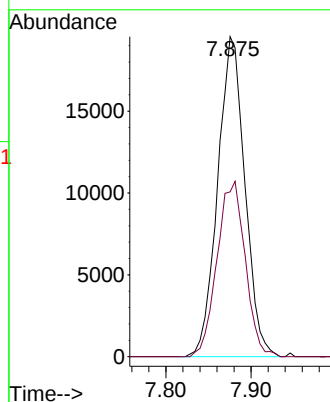
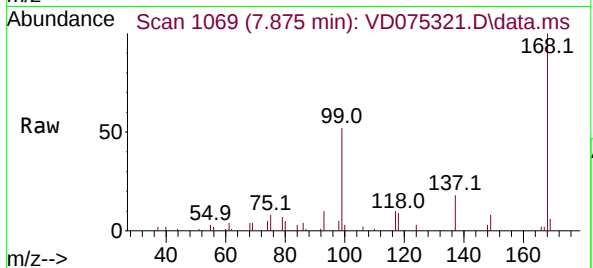




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075321.D
Acq: 13 Feb 2023 12:07

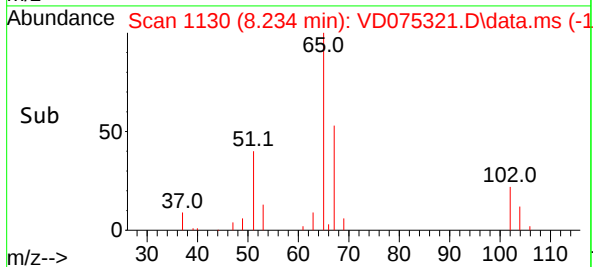
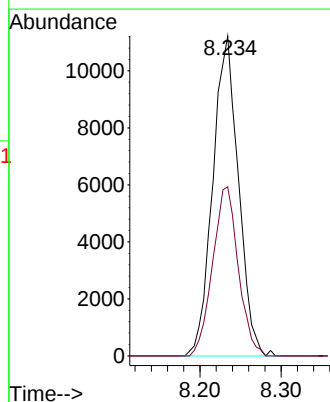
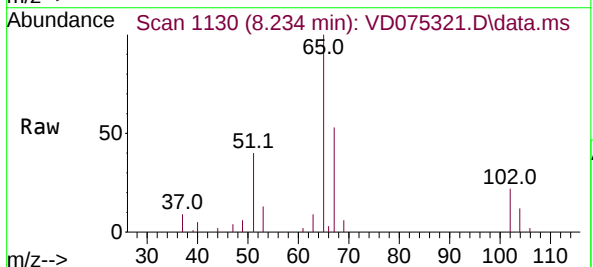
Instrument :
MSVOA_D
ClientSampleId :
EO-03-021023

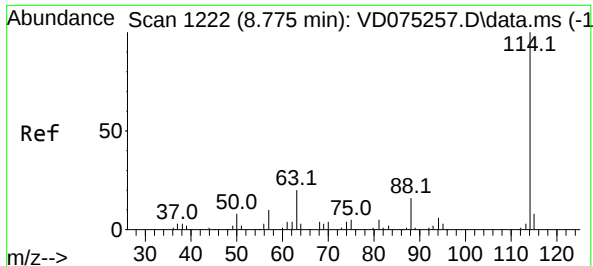
Tgt Ion:168 Resp: 43340
Ion Ratio Lower Upper
168 100
99 51.5 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 48.465 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075321.D
Acq: 13 Feb 2023 12:07

Tgt Ion: 65 Resp: 24630
Ion Ratio Lower Upper
65 100
67 52.9 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: VD075321.D

Acq: 13 Feb 2023 12:07

Instrument :

MSVOA_D

ClientSampleId :

EO-03-021023

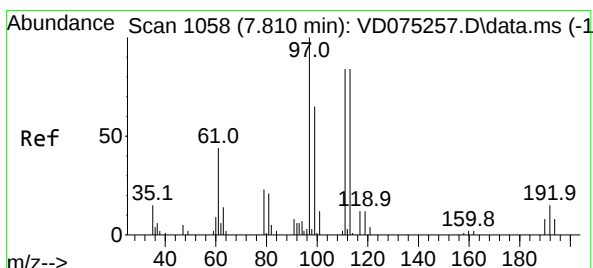
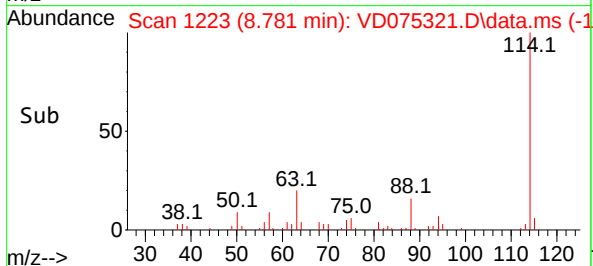
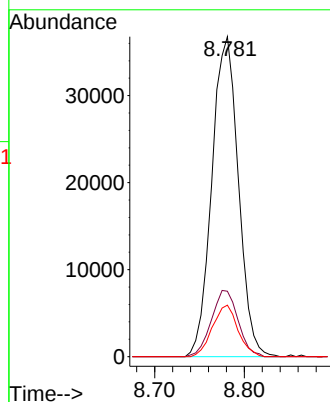
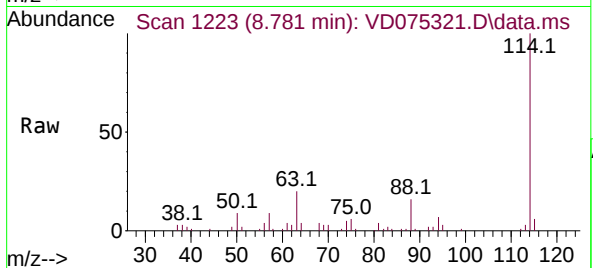
Tgt Ion:114 Resp: 75480

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 16.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.196 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075321.D

Acq: 13 Feb 2023 12:07

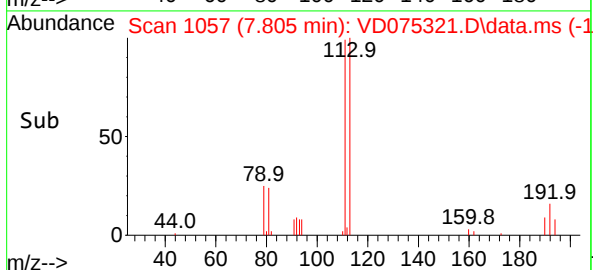
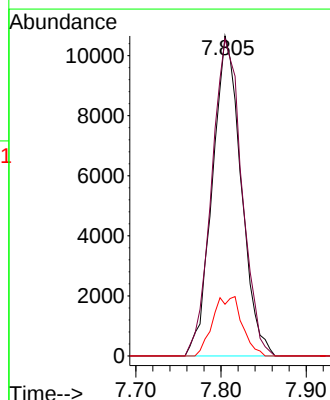
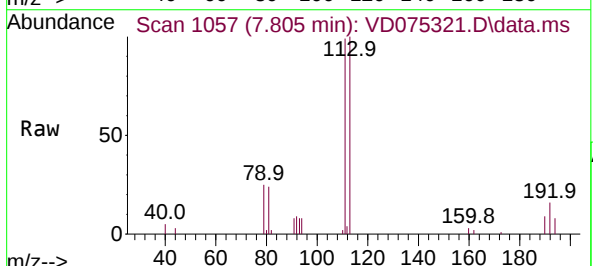
Tgt Ion:113 Resp: 24979

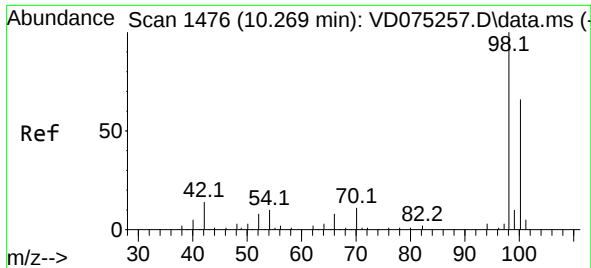
Ion Ratio Lower Upper

113 100

111 104.0 80.1 120.1

192 19.0 15.4 23.0

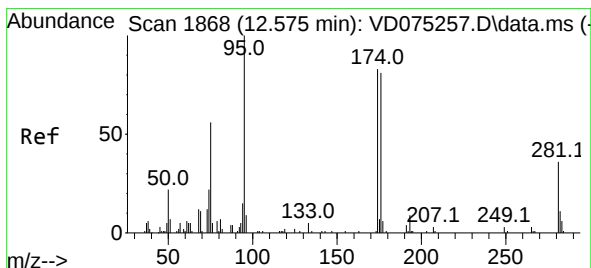
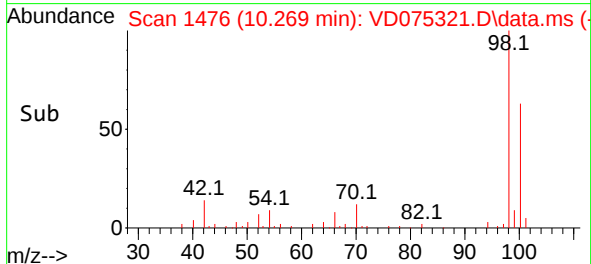
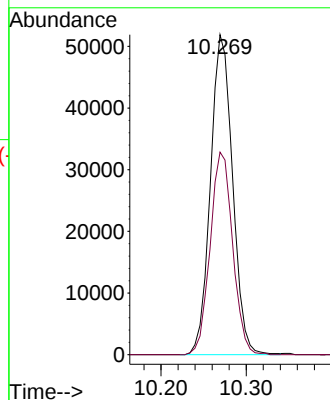
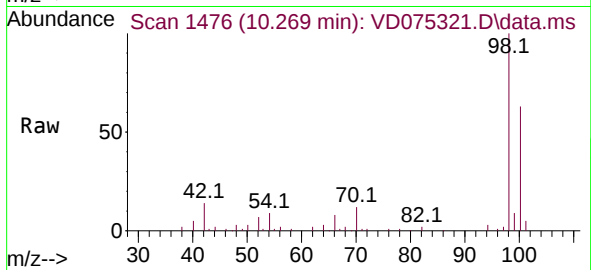




#50
Toluene-d8
Concen: 46.555 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075321.D
Acq: 13 Feb 2023 12:07

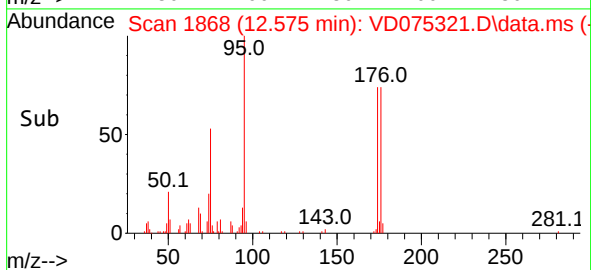
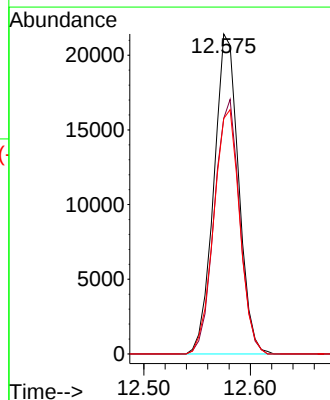
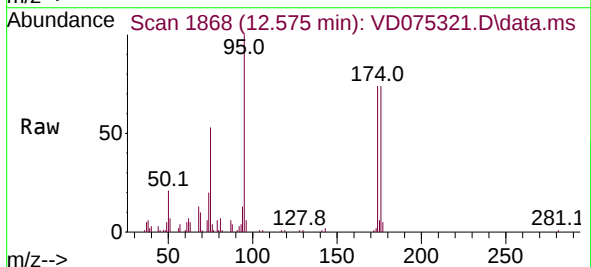
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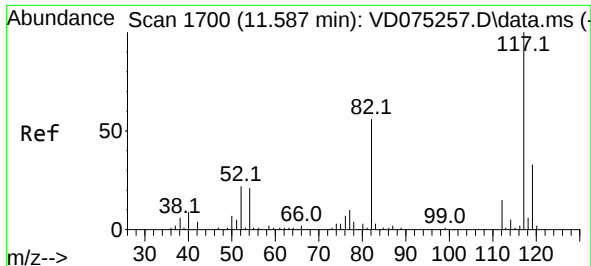
Tgt Ion: 98 Resp: 93443
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 52.157 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075321.D
Acq: 13 Feb 2023 12:07

Tgt Ion: 95 Resp: 34519
Ion Ratio Lower Upper
95 100
174 80.7 0.0 161.2
176 79.9 0.0 160.2

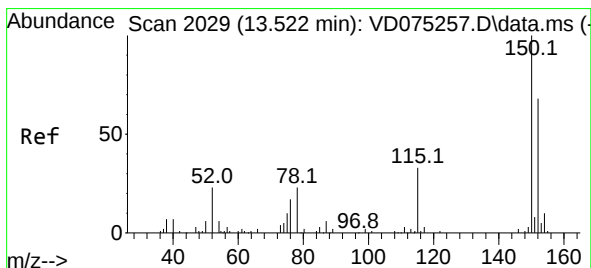
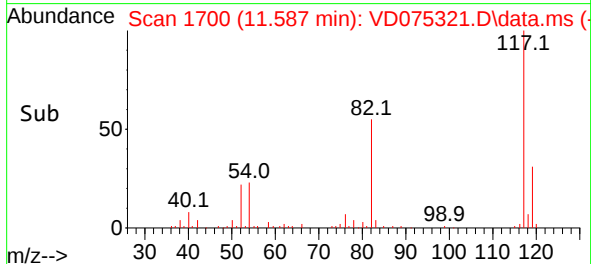
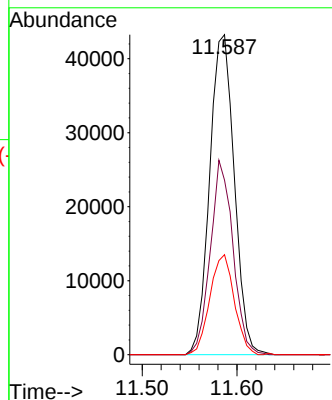
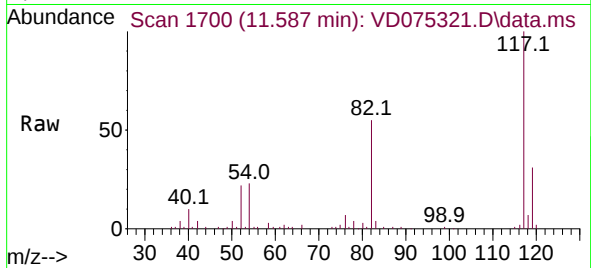




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075321.D
Acq: 13 Feb 2023 12:07

Instrument :
MSVOA_D
ClientSampleId :
EO-03-021023

Tgt Ion:117 Resp: 78034
Ion Ratio Lower Upper
117 100
82 54.6 39.6 59.4
119 31.3 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: VD075321.D
Acq: 13 Feb 2023 12:07

Tgt Ion:152 Resp: 38158
Ion Ratio Lower Upper
152 100
115 56.9 28.8 86.4
150 156.4 0.0 348.6

