

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075318.D
 Acq On : 13 Feb 2023 10:17
 Operator : KP/SY
 Sample : VD0213SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0213SBL01

Quant Time: Feb 14 01:14:24 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	74041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	127211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	128389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	60278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	37362	43.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.060%
35) Dibromofluoromethane	7.805	113	38708	43.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.780%
50) Toluene-d8	10.269	98	155255	45.896	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.800%
62) 4-Bromofluorobenzene	12.575	95	54116	48.516	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.040%

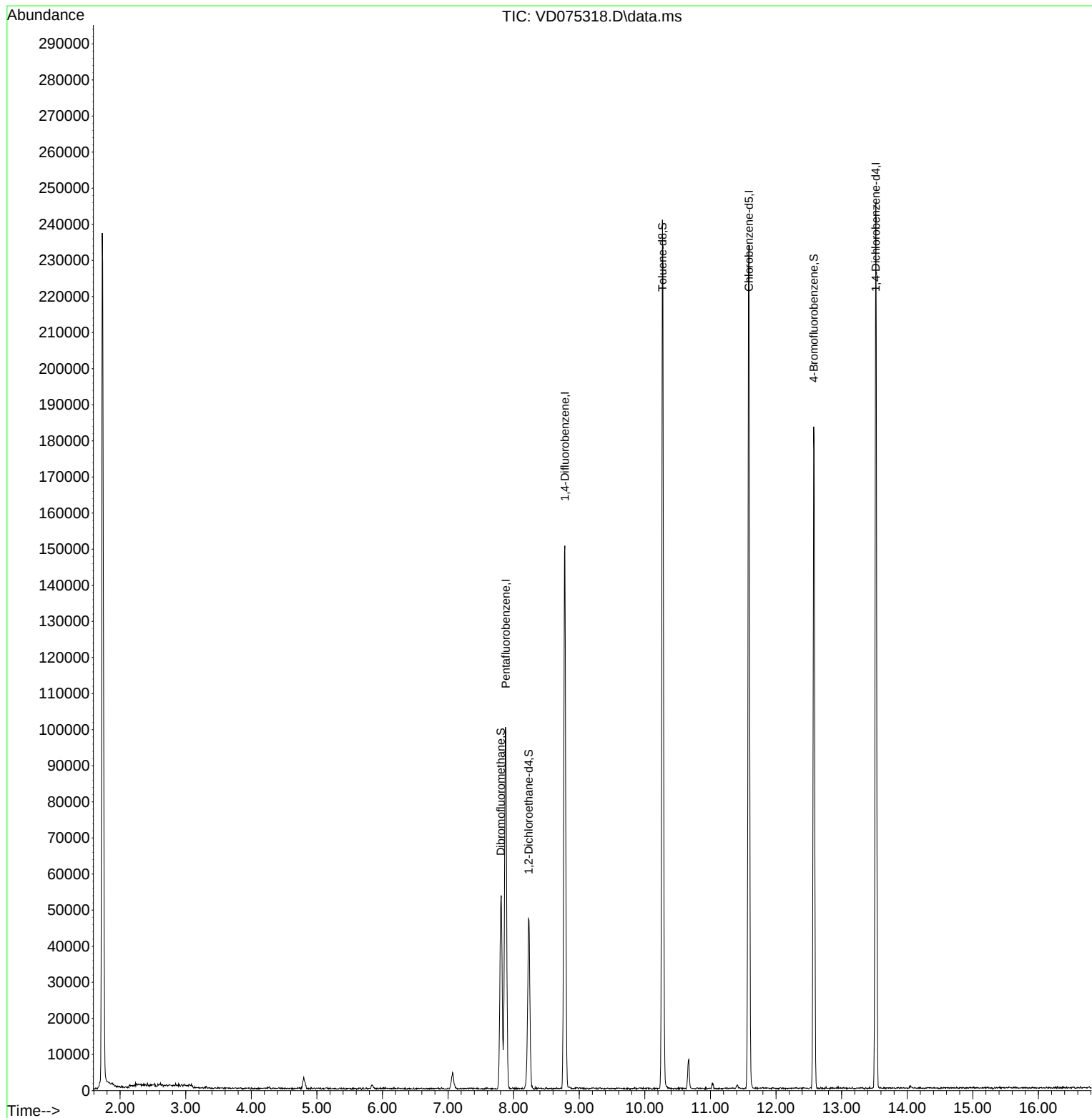
Target Compounds	Qvalue

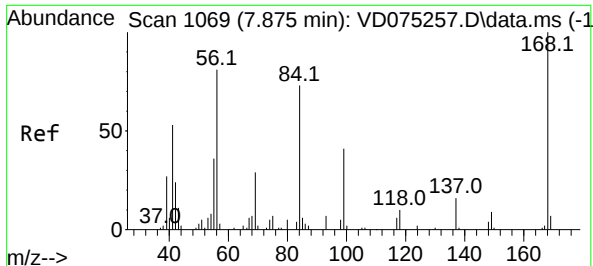
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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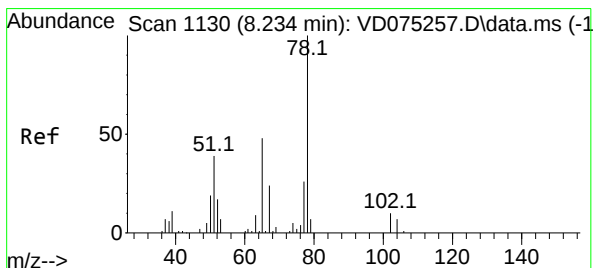
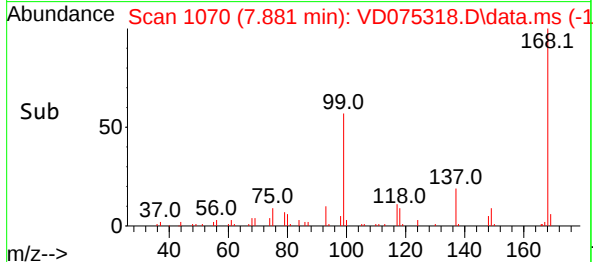
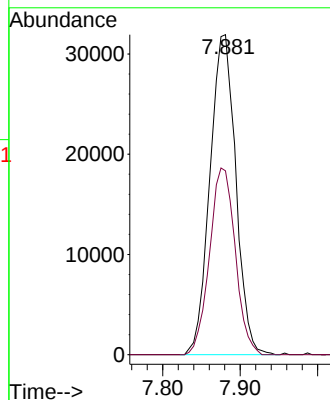
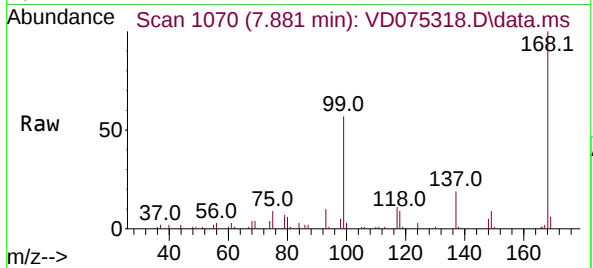




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD075318.D
Acq: 13 Feb 2023 10:17

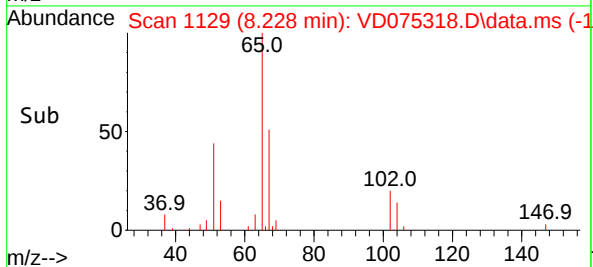
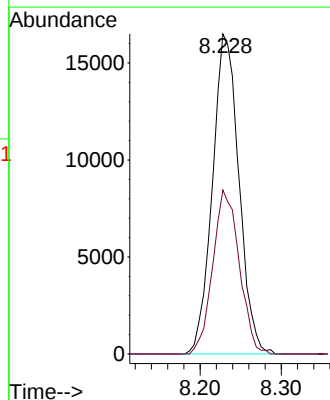
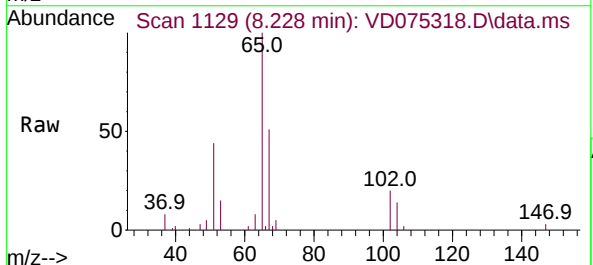
Instrument :
MSVOA_D
ClientSampleId :
VD0213SBL01

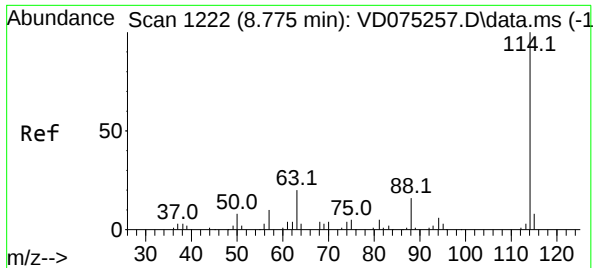
Tgt Ion:168 Resp: 74041
Ion Ratio Lower Upper
168 100
99 57.4 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 43.034 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075318.D
Acq: 13 Feb 2023 10:17

Tgt Ion: 65 Resp: 37362
Ion Ratio Lower Upper
65 100
67 51.1 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: VD075318.D

Acq: 13 Feb 2023 10:17

Instrument :

MSVOA_D

ClientSampleId :

VD0213SBL01

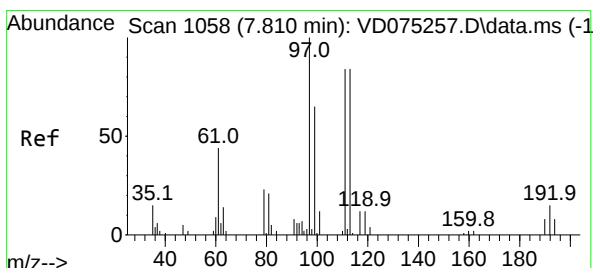
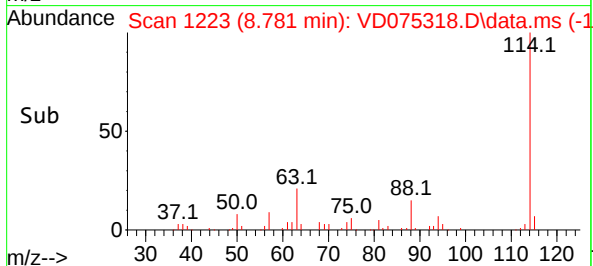
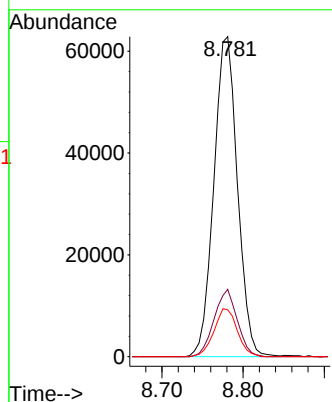
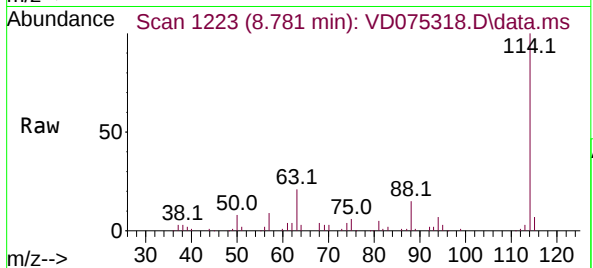
Tgt Ion:114 Resp: 127211

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.2

88 14.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 43.395 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075318.D

Acq: 13 Feb 2023 10:17

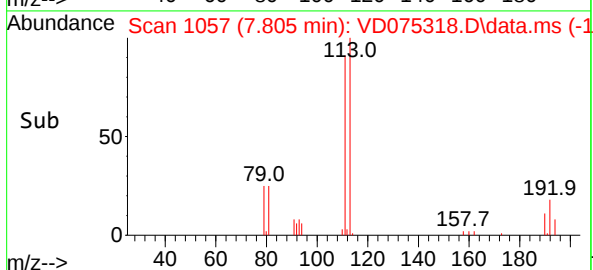
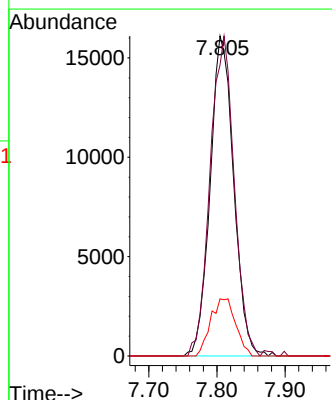
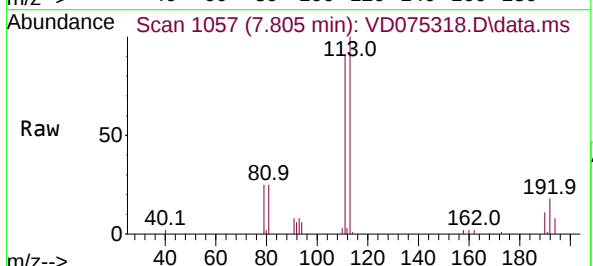
Tgt Ion:113 Resp: 38708

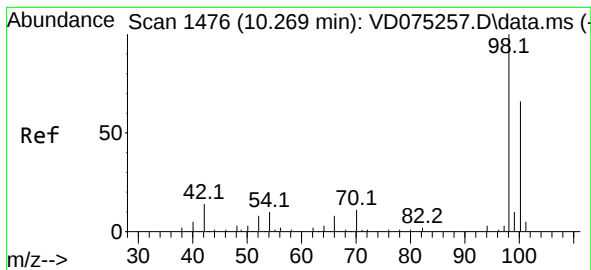
Ion Ratio Lower Upper

113 100

111 102.4 80.1 120.1

192 19.0 15.4 23.0

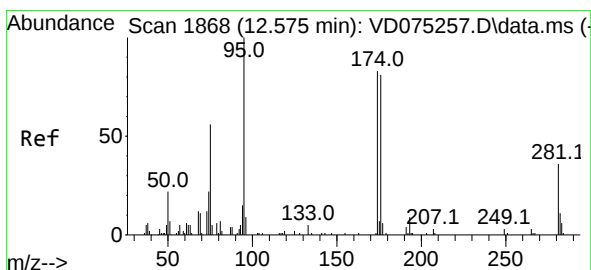
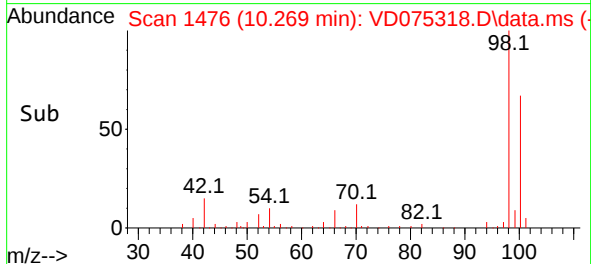
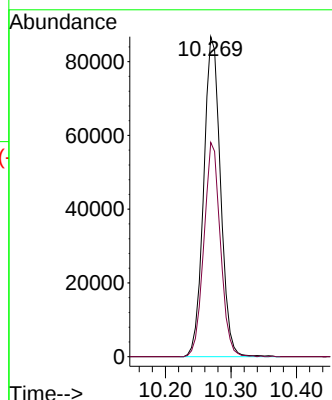
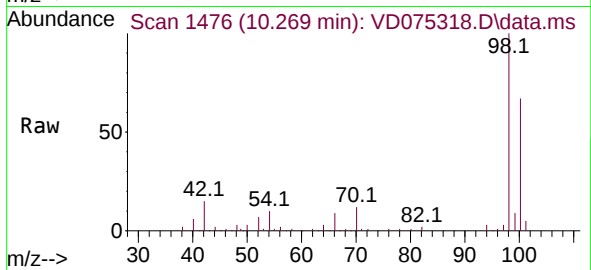




#50
Toluene-d8
Concen: 45.896 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075318.D
Acq: 13 Feb 2023 10:17

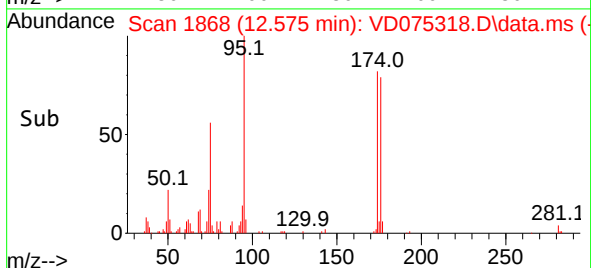
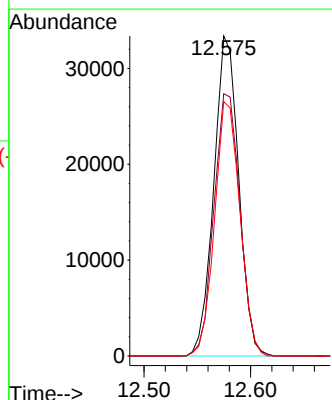
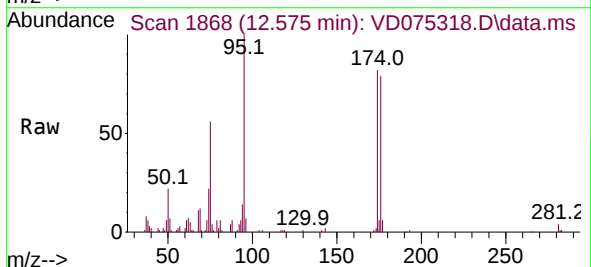
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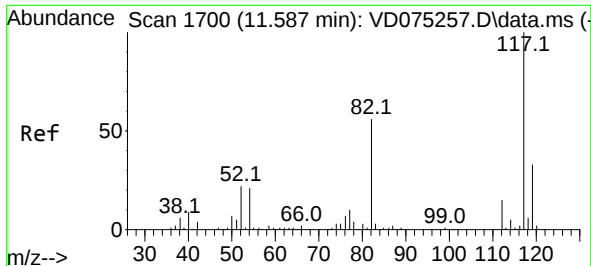
Tgt Ion: 98 Resp: 155255
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 48.516 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075318.D
Acq: 13 Feb 2023 10:17

Tgt Ion: 95 Resp: 54116
Ion Ratio Lower Upper
95 100
174 85.7 0.0 161.2
176 81.0 0.0 160.2

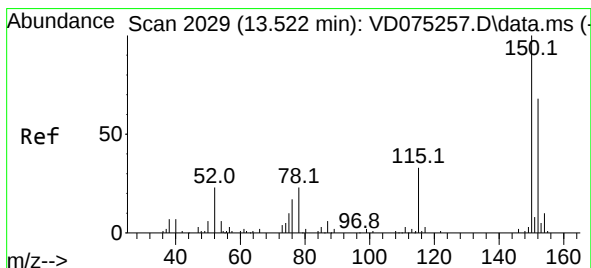
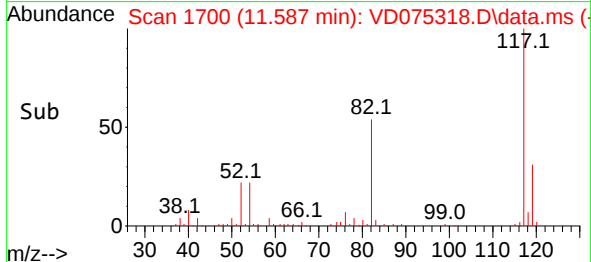
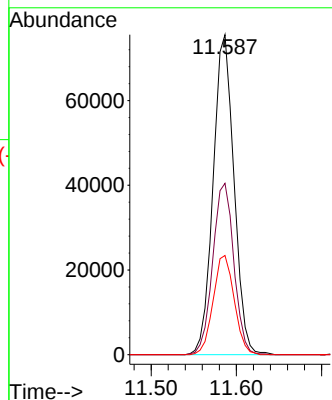
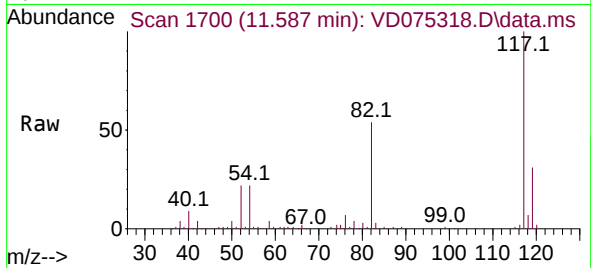




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075318.D
Acq: 13 Feb 2023 10:17

Instrument :
MSVOA_D
ClientSampleId :
VD0213SBL01

Tgt Ion:117 Resp: 128389
Ion Ratio Lower Upper
117 100
82 53.6 39.6 59.4
119 31.0 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: VD075318.D
Acq: 13 Feb 2023 10:17

Tgt Ion:152 Resp: 60278
Ion Ratio Lower Upper
152 100
115 59.5 28.8 86.4
150 158.1 0.0 348.6

