

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074677.D
 Acq On : 28 Oct 2022 17:47
 Operator : VA/SY
 Sample : N5267-19RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP7-1024RE

Quant Time: Oct 29 02:15:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	10913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	21299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	23526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	11794	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	11307	122.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	245.520%#
35) Dibromofluoromethane	7.811	113	9631	74.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	148.100%#
50) Toluene-d8	10.269	98	32234	64.448	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	128.900%
62) 4-Bromofluorobenzene	12.569	95	11125	80.990	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	161.980%#

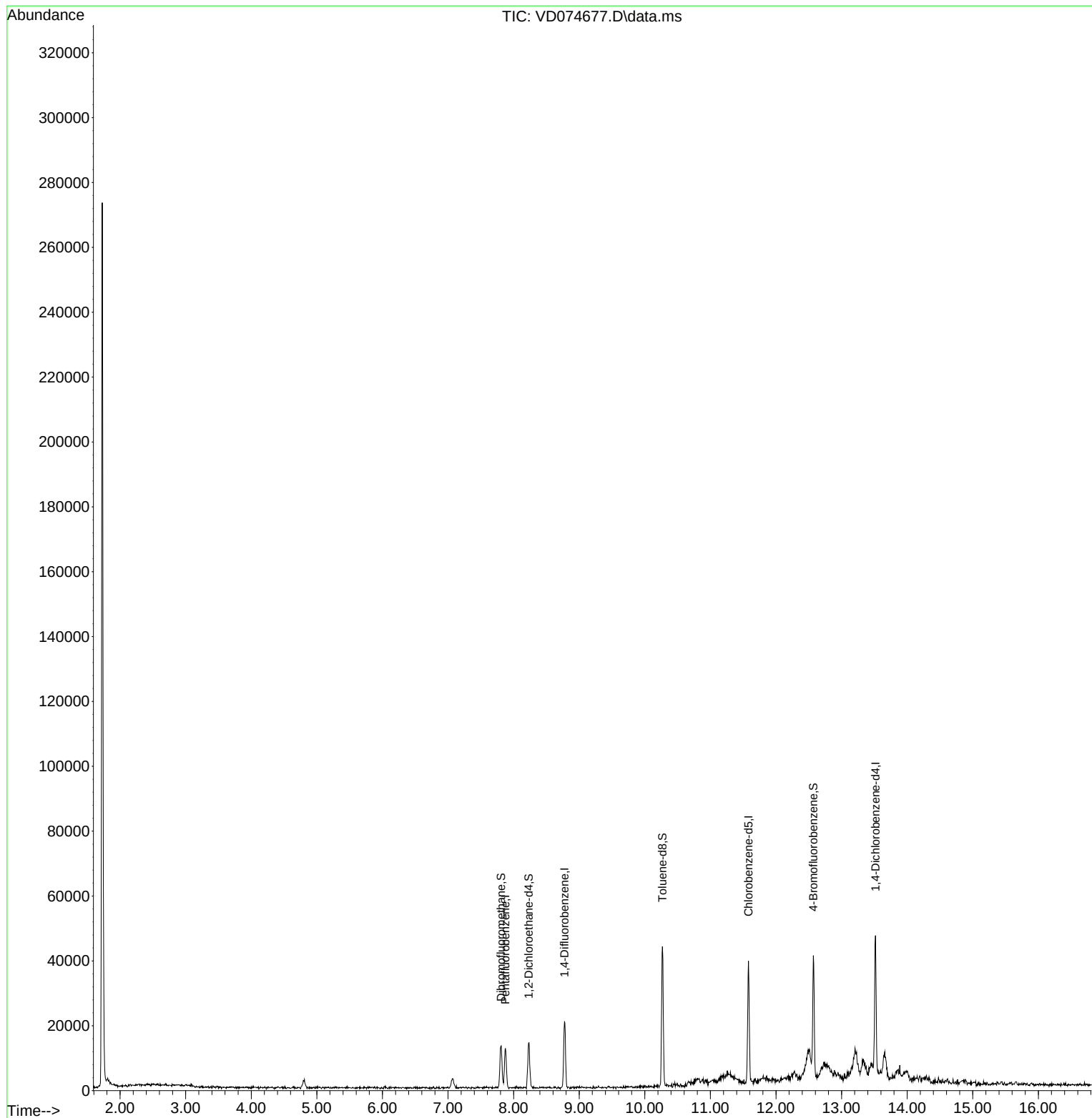
Target Compounds	Qvalue

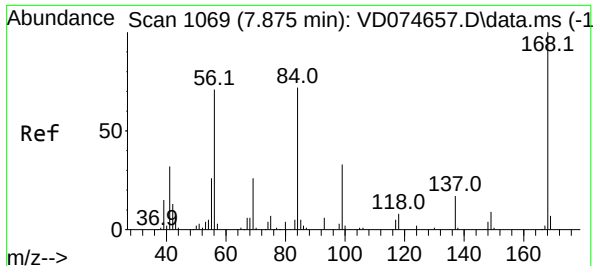
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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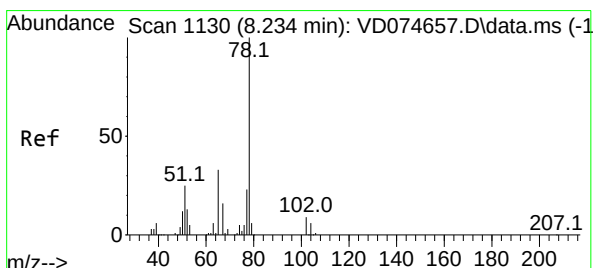
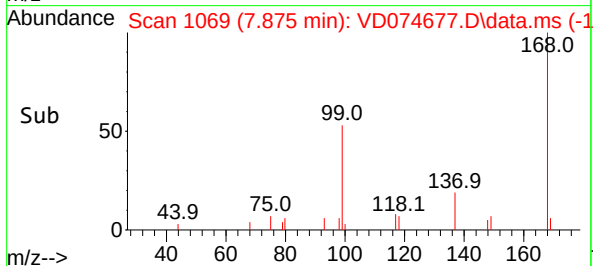
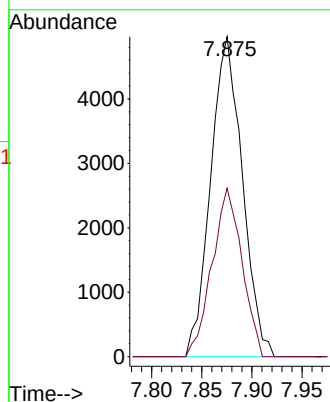
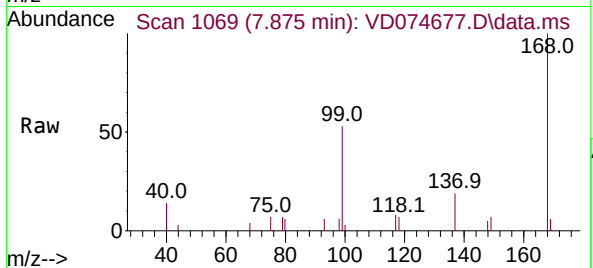




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

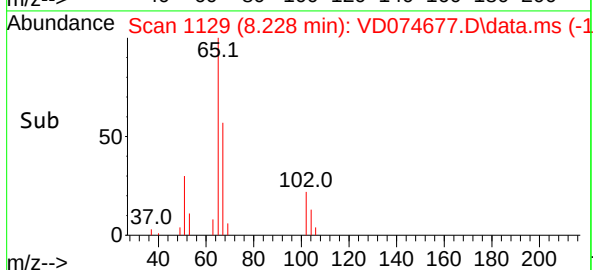
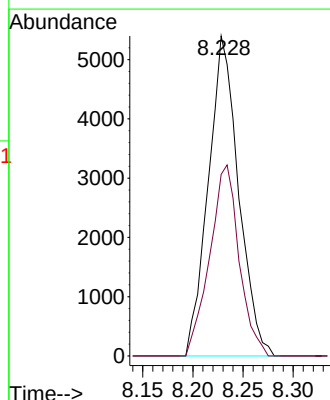
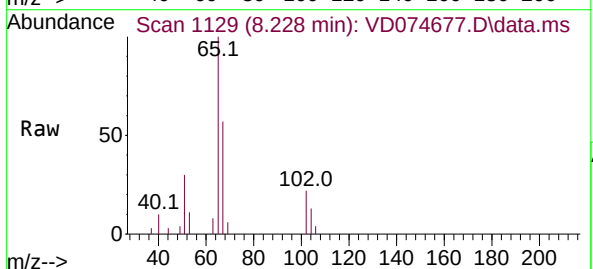
Instrument :
MSVOA_D
ClientSampleId :
TP7-1024RE

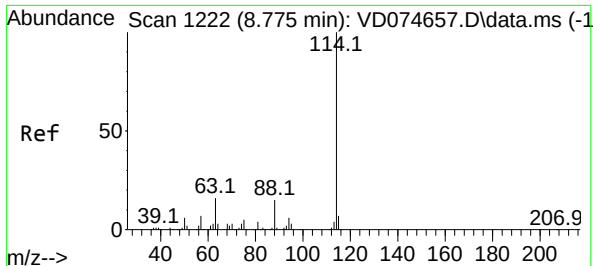
Tgt Ion:168 Resp: 10913
Ion Ratio Lower Upper
168 100
99 52.6 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 122.758 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

Tgt Ion: 65 Resp: 11307
Ion Ratio Lower Upper
65 100
67 58.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074677.D

Acq: 28 Oct 2022 17:47

Instrument :

MSVOA_D

ClientSampleId :

TP7-1024RE

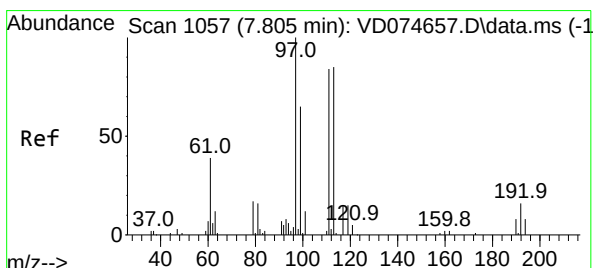
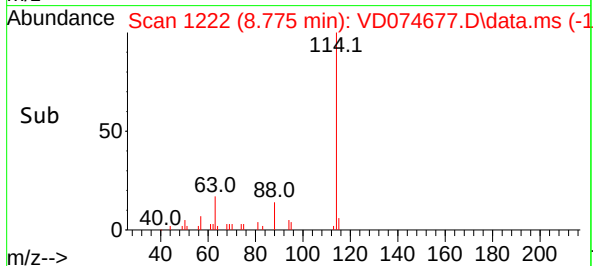
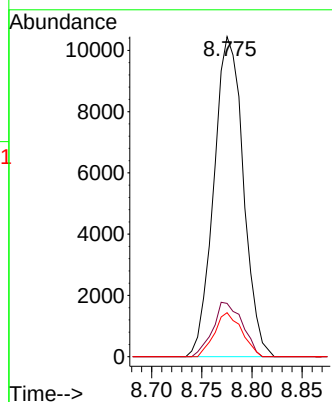
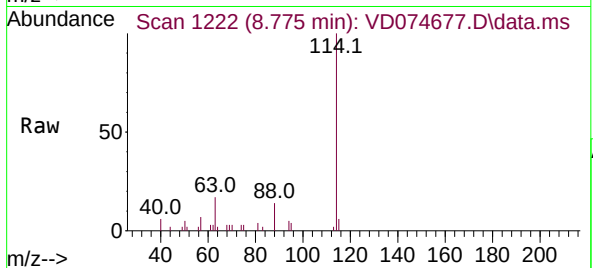
Tgt Ion:114 Resp: 21299

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.2

88 13.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 74.052 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074677.D

Acq: 28 Oct 2022 17:47

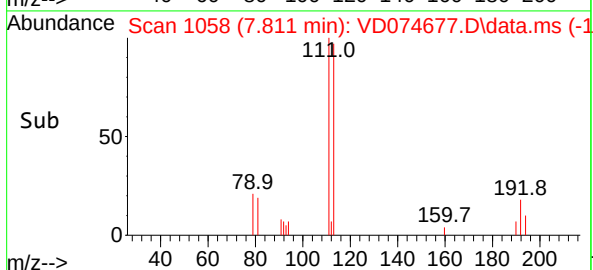
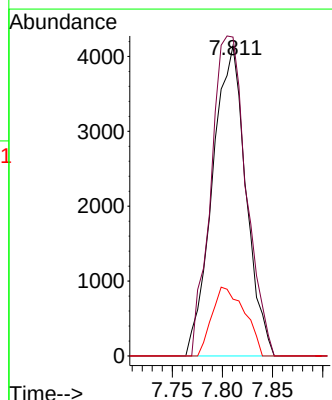
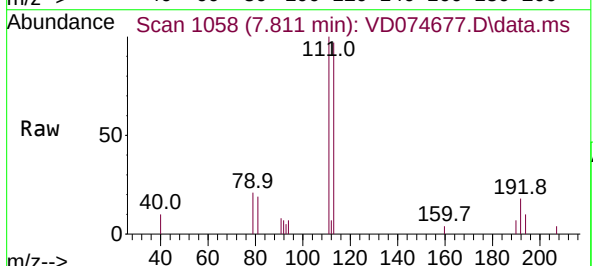
Tgt Ion:113 Resp: 9631

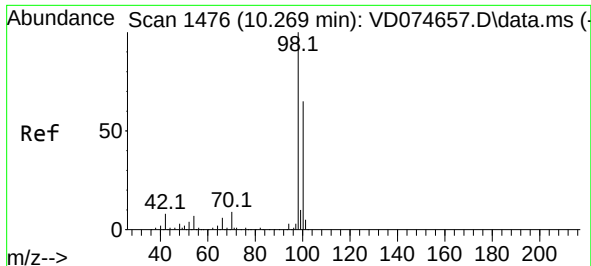
Ion Ratio Lower Upper

113 100

111 108.4 82.3 123.5

192 21.7 16.4 24.6

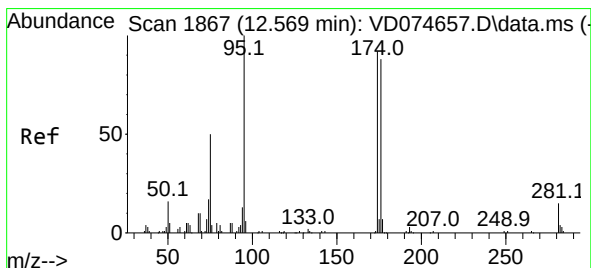
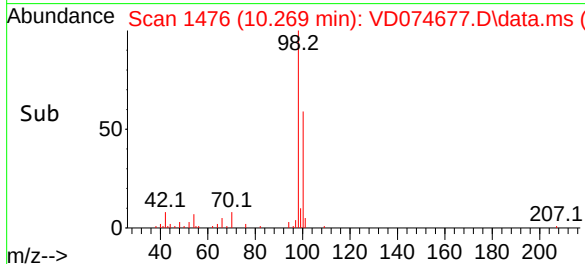
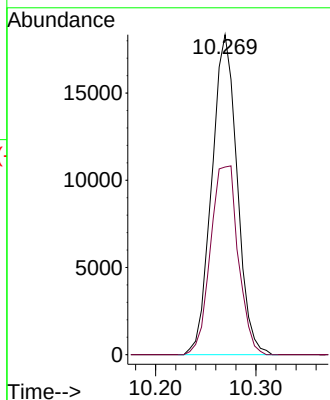
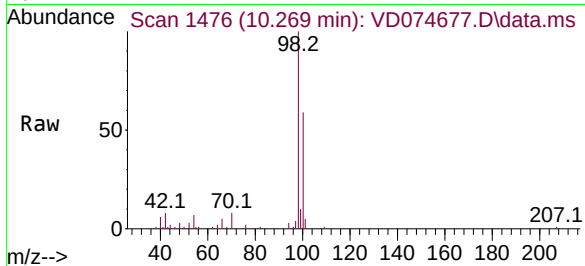




#50
Toluene-d8
Concen: 64.448 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

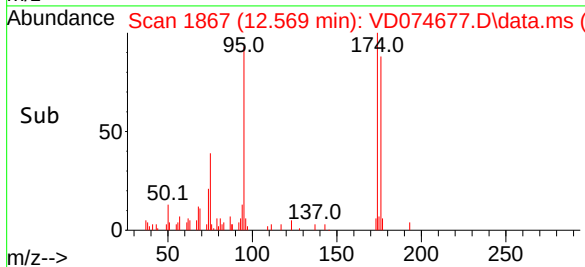
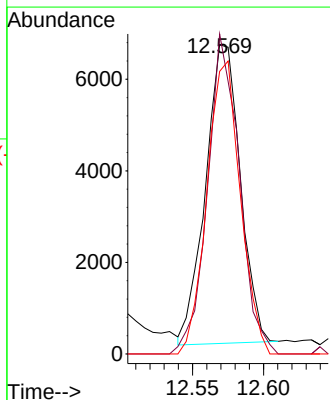
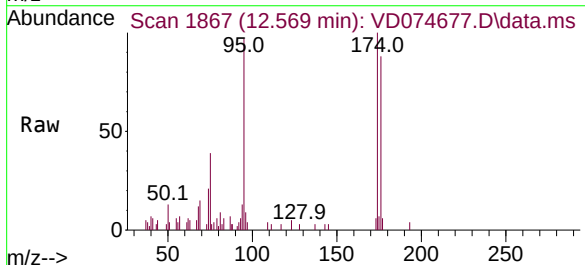
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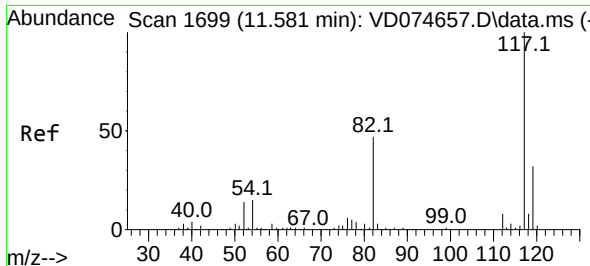
Tgt Ion: 98 Resp: 32234
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 80.990 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

Tgt Ion: 95 Resp: 11125
Ion Ratio Lower Upper
95 100
174 97.4 0.0 197.0
176 94.2 0.0 182.6

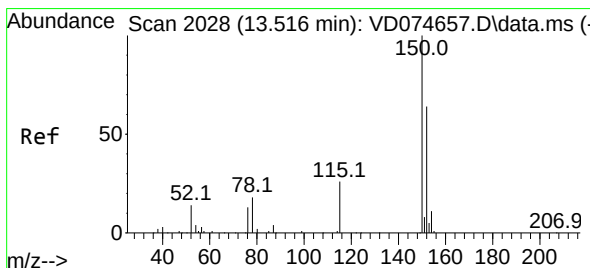
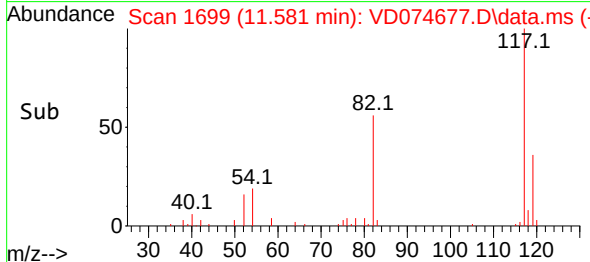
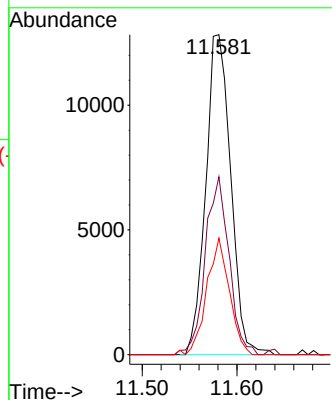
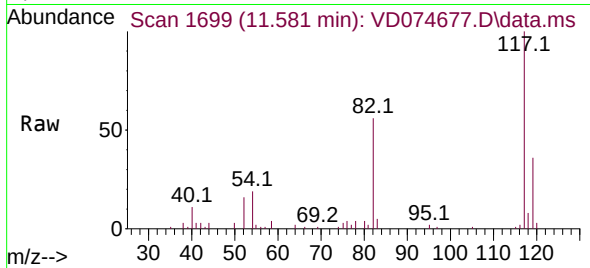




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

Instrument :
MSVOA_D
ClientSampleId :
TP7-1024RE

Tgt Ion:117 Resp: 23526
Ion Ratio Lower Upper
117 100
82 55.6 41.6 62.4
119 36.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074677.D
Acq: 28 Oct 2022 17:47

Tgt Ion:152 Resp: 11794
Ion Ratio Lower Upper
152 100
115 59.2 26.8 80.4
150 160.0 0.0 348.2

