

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075068.D
 Acq On : 28 Dec 2022 16:19
 Operator : KP/SY
 Sample : N6218-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26179

Quant Time: Dec 29 03:51:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	111459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	268065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	251238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	107651	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70815	64.999	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.000%
35) Dibromofluoromethane	7.810	113	69848	44.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.560%
50) Toluene-d8	10.269	98	327880	51.444	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.880%
62) 4-Bromofluorobenzene	12.575	95	109924	53.238	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.480%

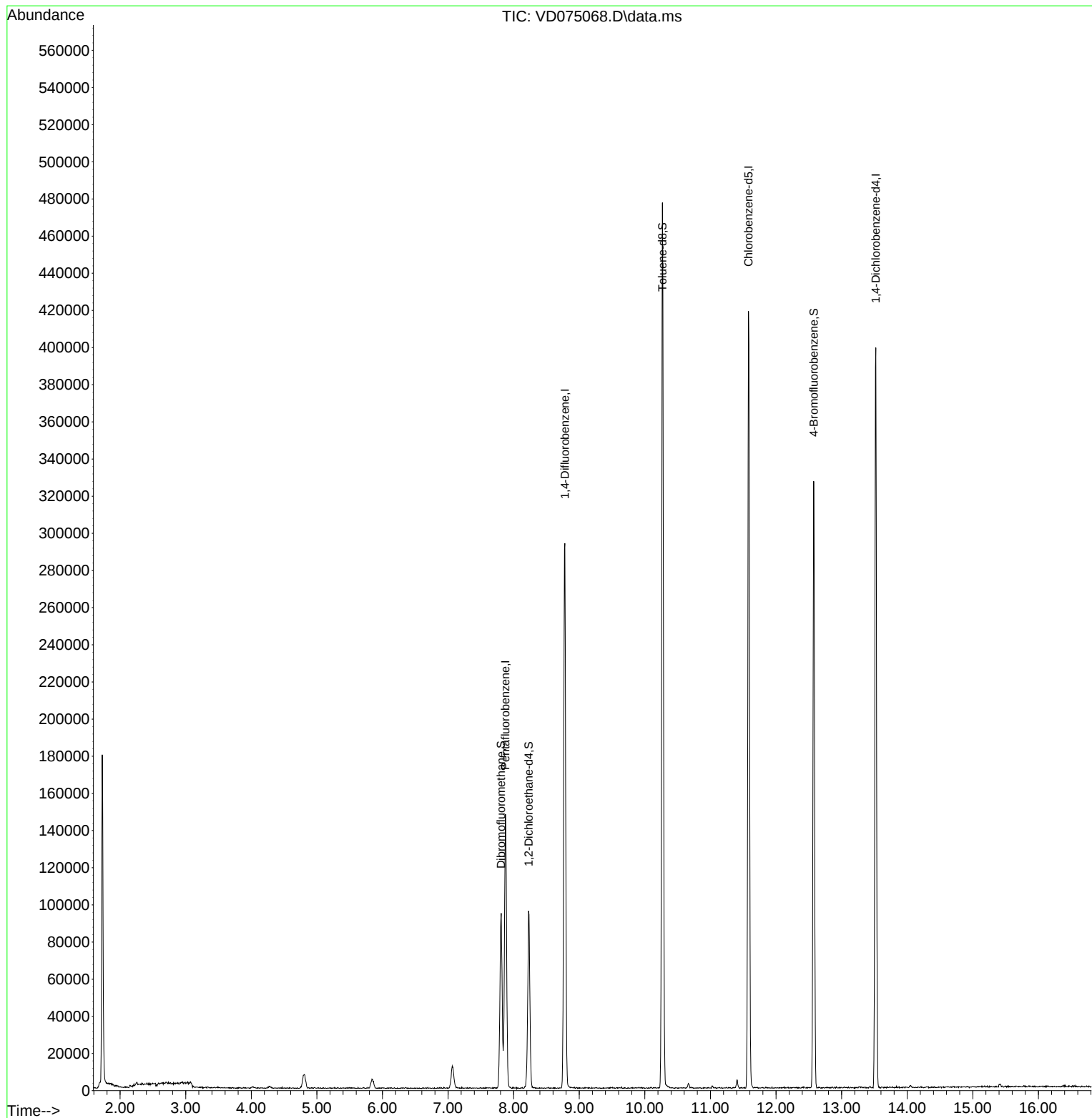
Target Compounds	Qvalue

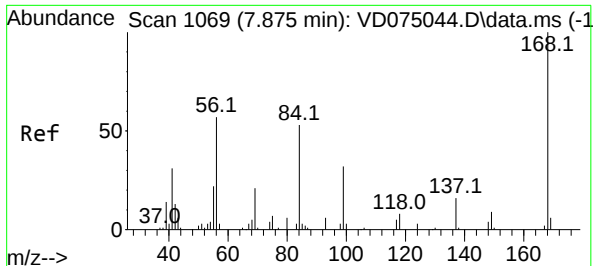
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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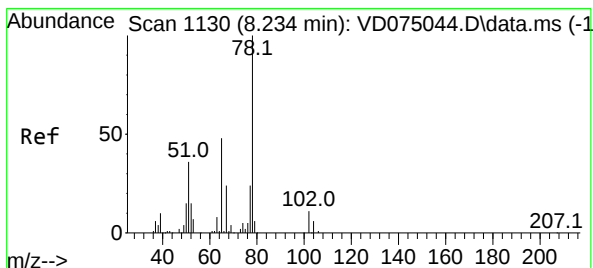
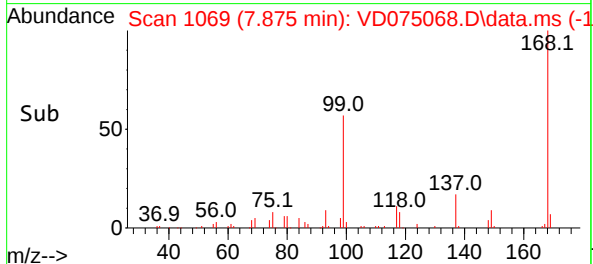
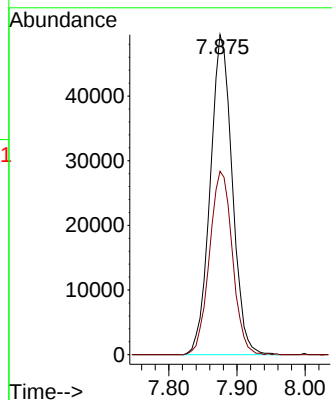
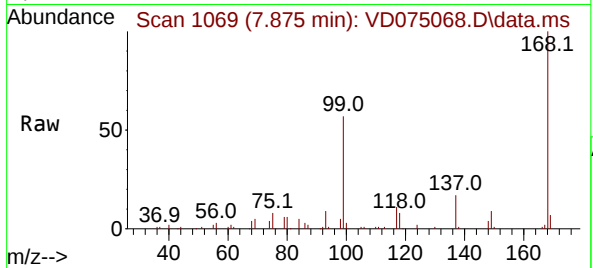




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

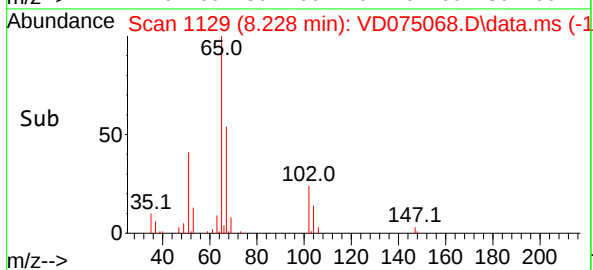
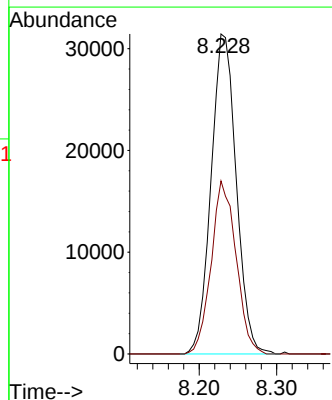
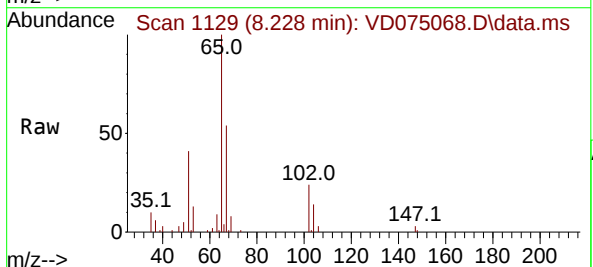
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26179

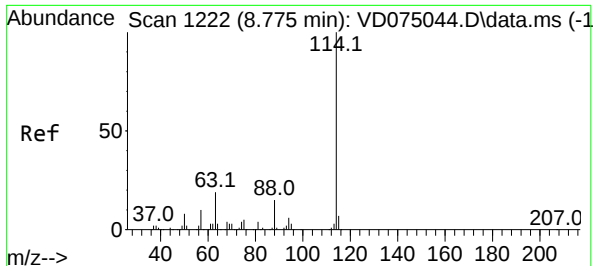
Tgt Ion:168 Resp: 111459
Ion Ratio Lower Upper
168 100
99 57.3 40.3 60.5



#33
1,2-Dichloroethane-d4
Concen: 64.999 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

Tgt Ion: 65 Resp: 70815
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075068.D

Acq: 28 Dec 2022 16:19

Instrument :

MSVOA_D

ClientSampleId :

CHRT-26179

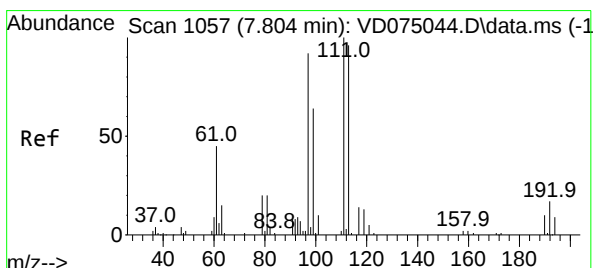
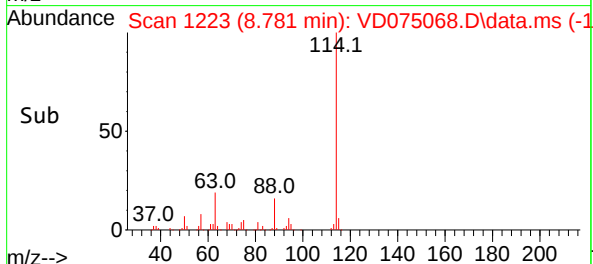
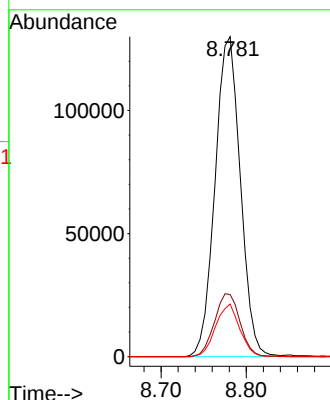
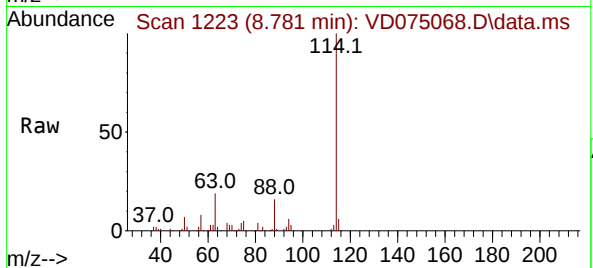
Tgt Ion:114 Resp: 268065

Ion Ratio Lower Upper

114 100

63 19.4 0.0 33.8

88 16.5 0.0 27.8



#35

Dibromofluoromethane

Concen: 44.280 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075068.D

Acq: 28 Dec 2022 16:19

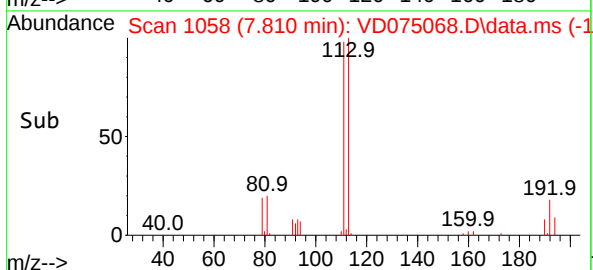
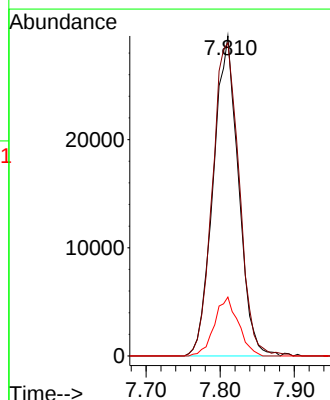
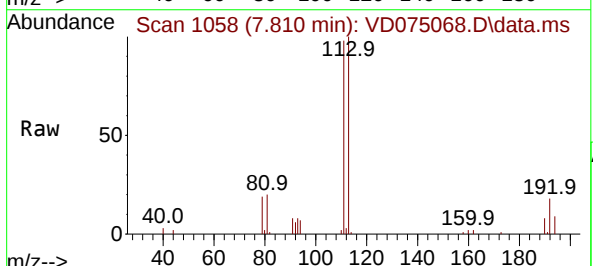
Tgt Ion:113 Resp: 69848

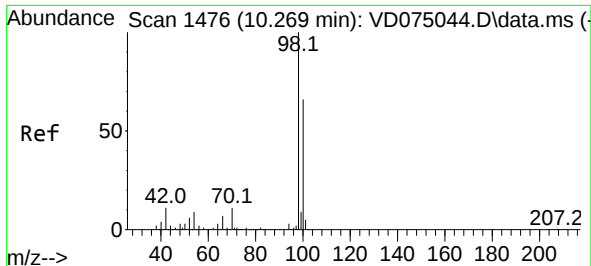
Ion Ratio Lower Upper

113 100

111 103.7 82.1 123.1

192 17.4 15.1 22.7

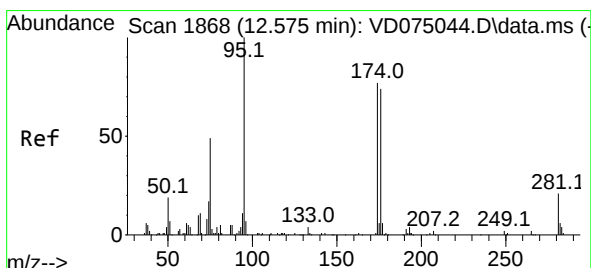
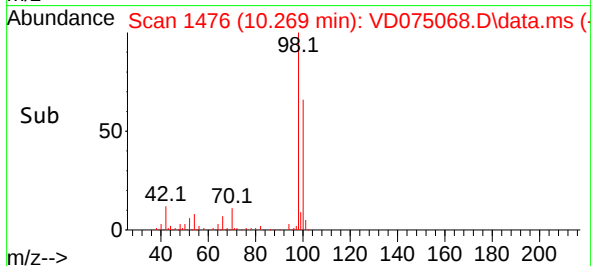
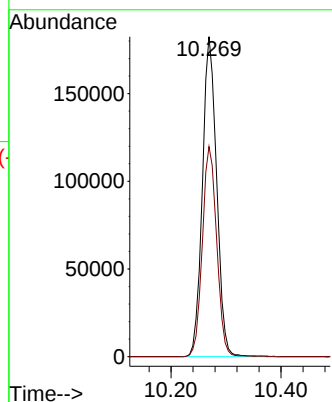
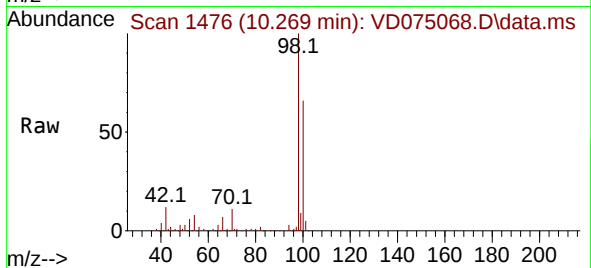




#50
Toluene-d8
Concen: 51.444 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

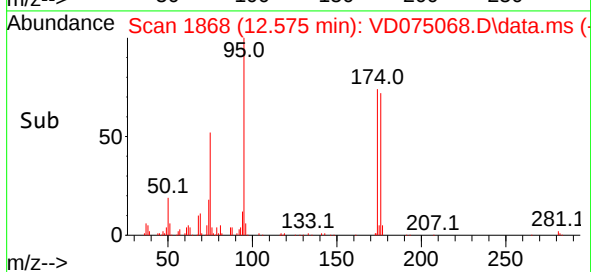
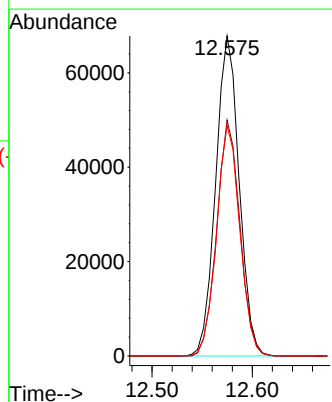
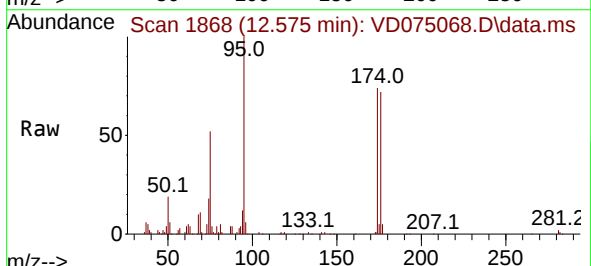
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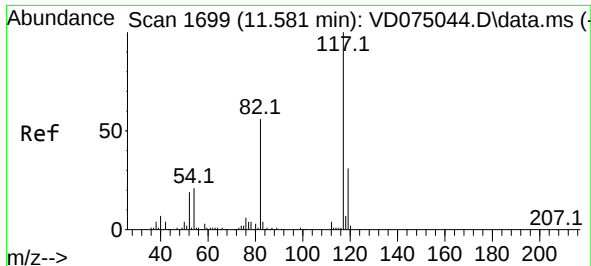
Tgt Ion: 98 Resp: 327880
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 53.238 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

Tgt Ion: 95 Resp: 109924
Ion Ratio Lower Upper
95 100
174 72.9 0.0 171.2
176 71.3 0.0 165.0

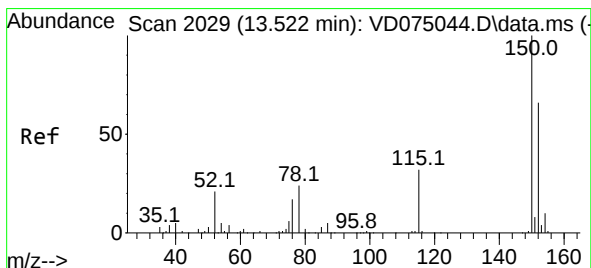
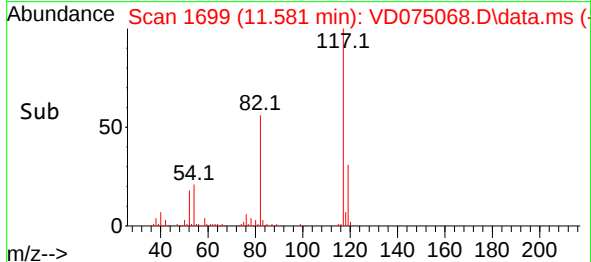
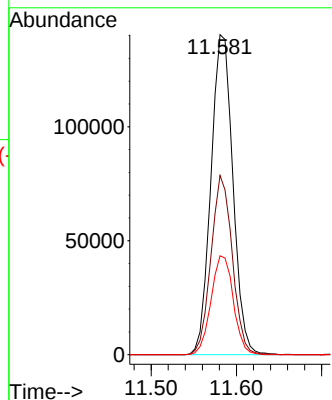
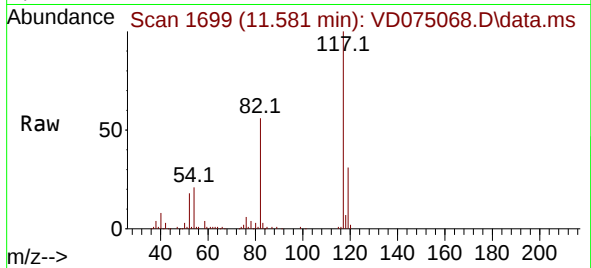




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26179

Tgt Ion:117 Resp: 251238
Ion Ratio Lower Upper
117 100
82 56.0 40.9 61.3
119 30.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD075068.D
Acq: 28 Dec 2022 16:19

Tgt Ion:152 Resp: 107651
Ion Ratio Lower Upper
152 100
115 60.1 28.8 86.5
150 156.4 0.0 354.2

