

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
 Data File : VD075789.D
 Acq On : 24 Apr 2023 12:03
 Operator : KP/SY
 Sample : VD0424SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0424SBL01

Quant Time: Apr 24 16:08:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	197348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	358950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	318990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	136585	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100426	53.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.220%
35) Dibromofluoromethane	7.804	113	122620	50.789	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.580%
50) Toluene-d8	10.269	98	452129	46.764	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.520%
62) 4-Bromofluorobenzene	12.575	95	112552	43.798	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.600%

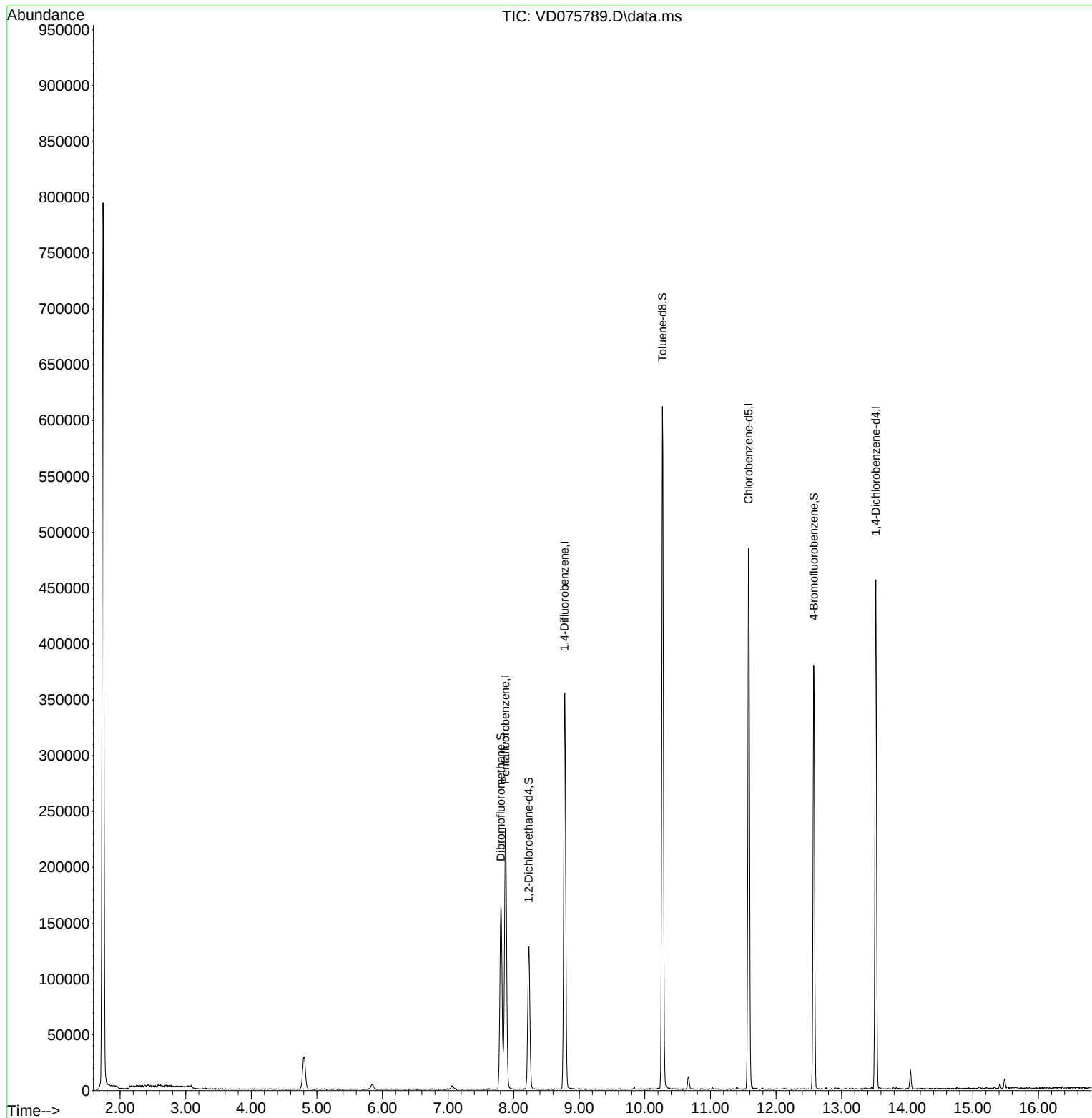
Target Compounds	Qvalue

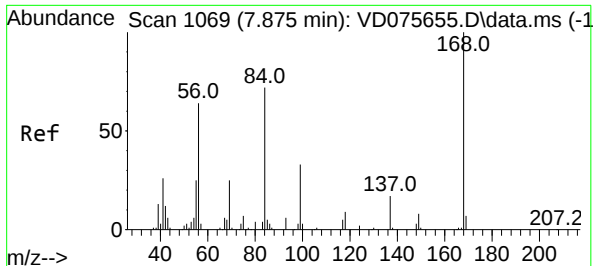
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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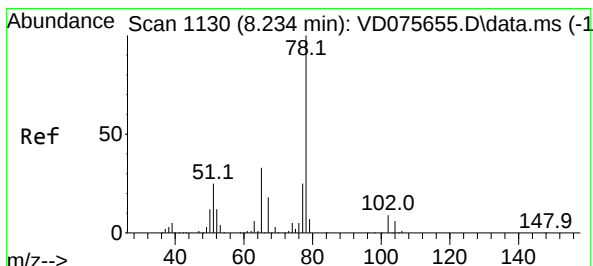
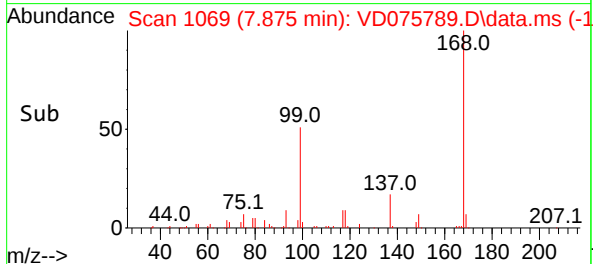
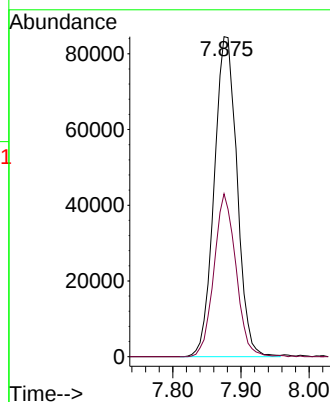
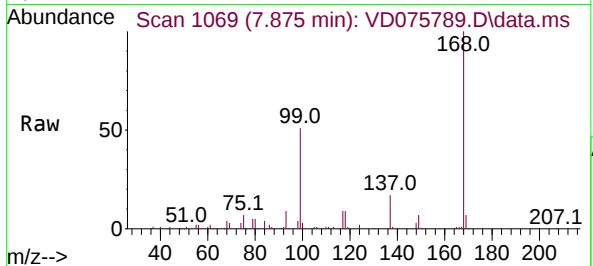




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075789.D
Acq: 24 Apr 2023 12:03

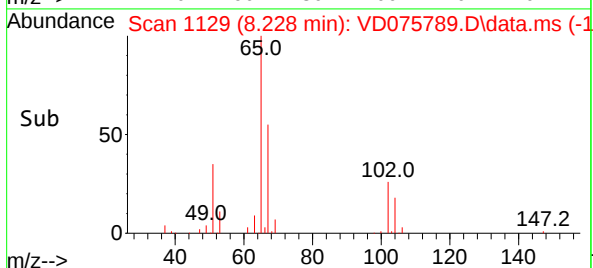
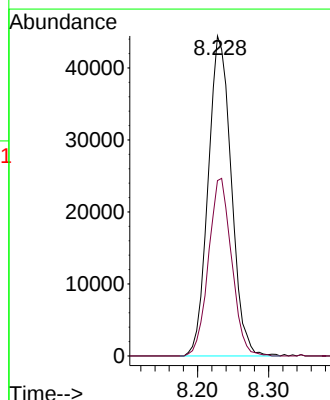
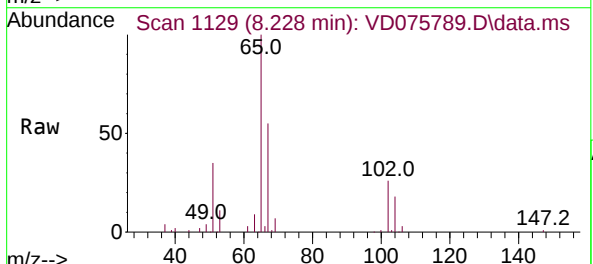
Instrument :
MSVOA_D
ClientSampleId :
VD0424SBL01

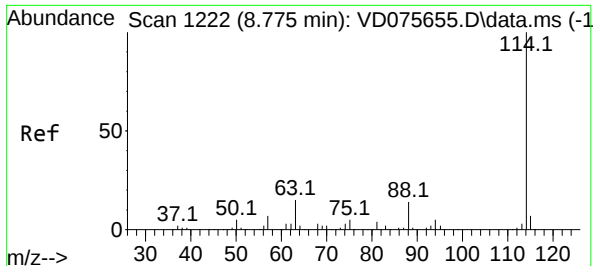
Tgt Ion:168 Resp: 197348
Ion Ratio Lower Upper
168 100
99 50.9 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 53.612 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075789.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 65 Resp: 100426
Ion Ratio Lower Upper
65 100
67 55.4 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075789.D

Acq: 24 Apr 2023 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD0424SBL01

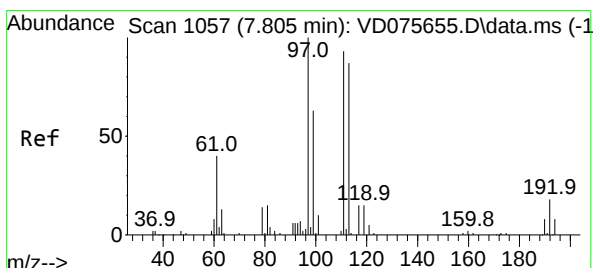
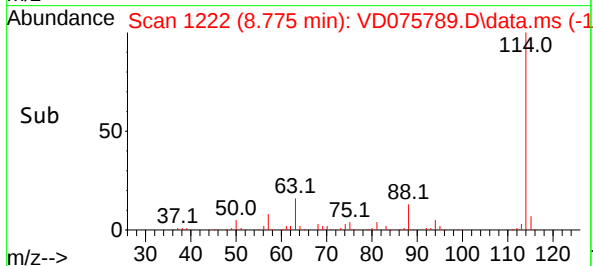
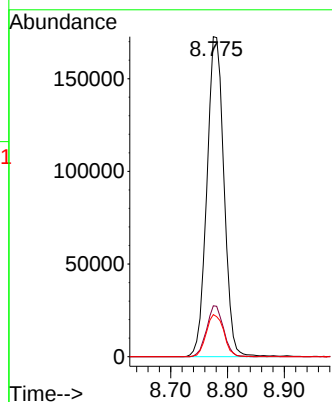
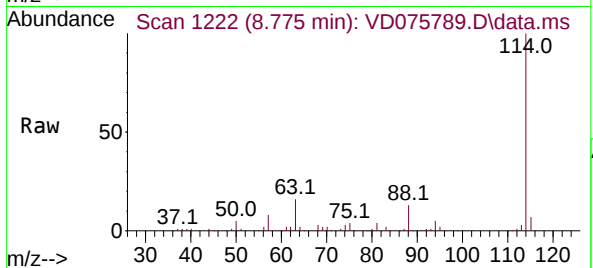
Tgt Ion:114 Resp: 358950

Ion Ratio Lower Upper

114 100

63 15.9 0.0 41.6

88 13.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.789 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075789.D

Acq: 24 Apr 2023 12:03

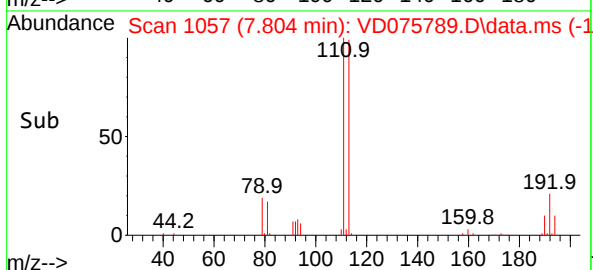
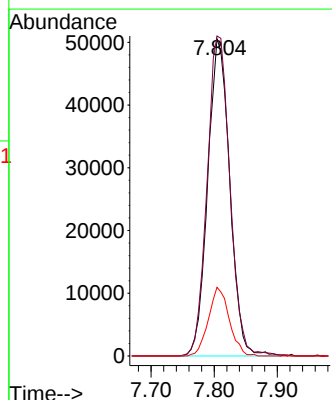
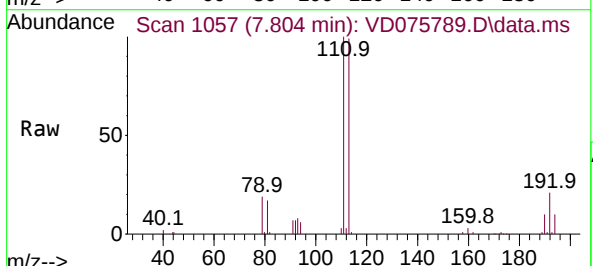
Tgt Ion:113 Resp: 122620

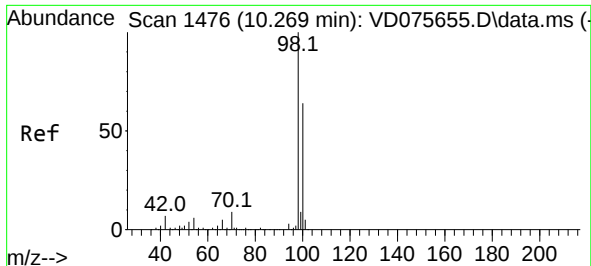
Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.0

192 20.5 15.2 22.8

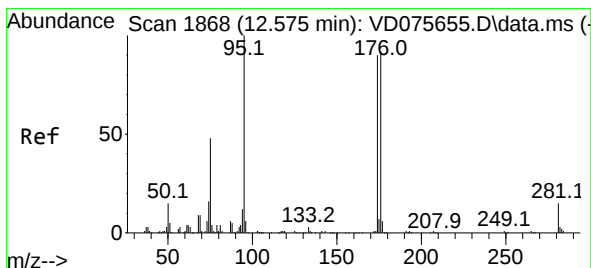
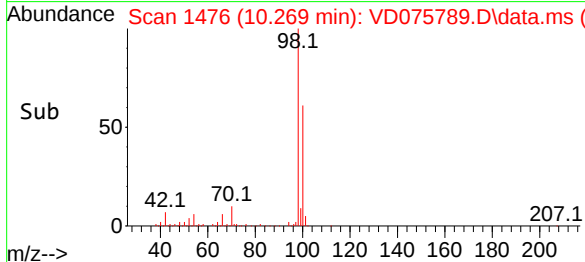
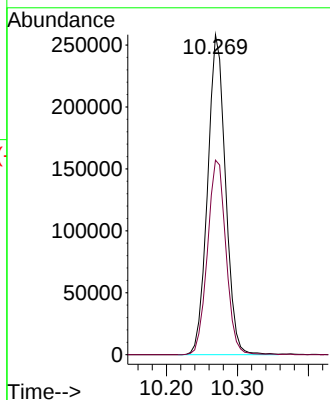
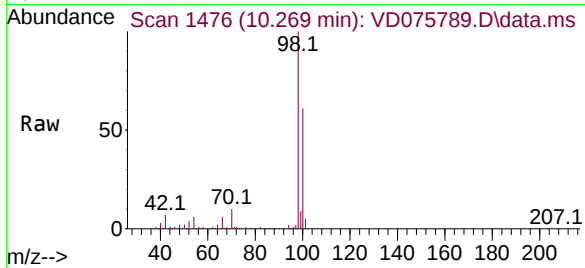




#50
Toluene-d8
Concen: 46.764 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075789.D
Acq: 24 Apr 2023 12:03

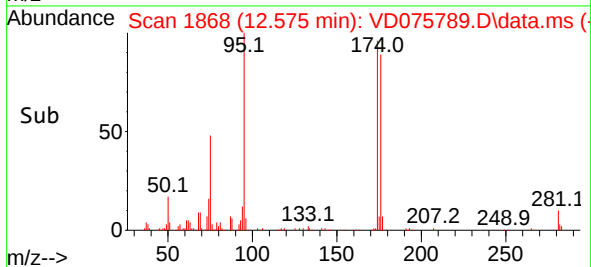
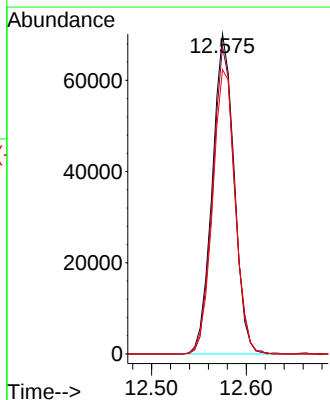
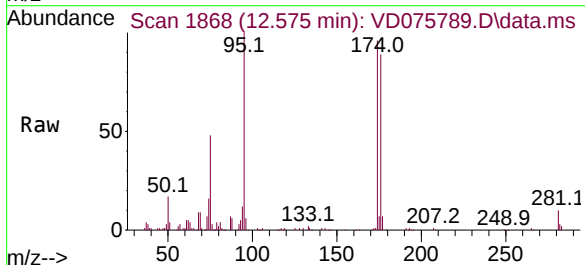
Instrument :
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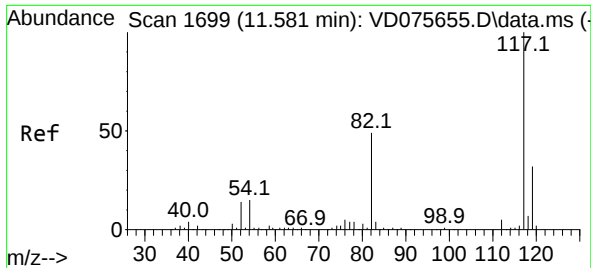
Tgt Ion: 98 Resp: 452129
Ion Ratio Lower Upper
98 100
100 62.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.798 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075789.D
Acq: 24 Apr 2023 12:03

Tgt Ion: 95 Resp: 112552
Ion Ratio Lower Upper
95 100
174 95.4 0.0 164.0
176 91.8 0.0 156.8

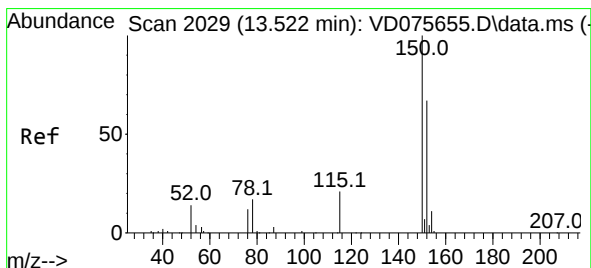
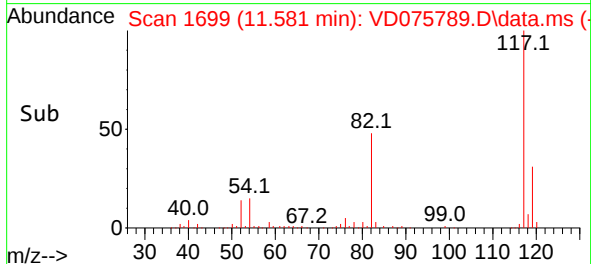
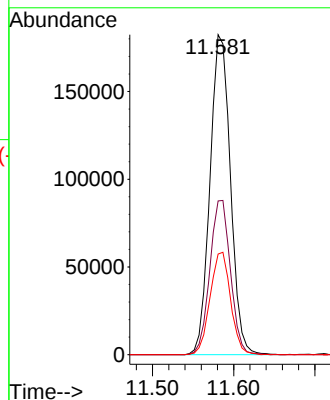
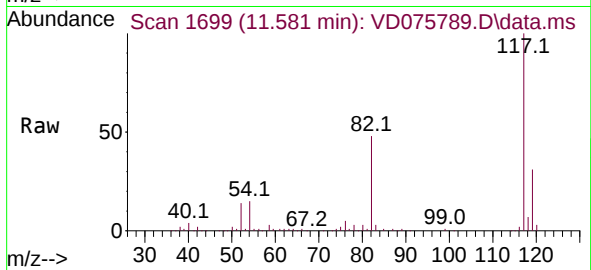




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075789.D
Acq: 24 Apr 2023 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD0424SBL01

Tgt Ion:117 Resp: 318990
Ion Ratio Lower Upper
117 100
82 48.1 44.0 66.0
119 31.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075789.D
Acq: 24 Apr 2023 12:03

Tgt Ion:152 Resp: 136585
Ion Ratio Lower Upper
152 100
115 53.4 30.1 90.3
150 158.7 0.0 364.8

