

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075730.D
 Acq On : 18 Apr 2023 16:46
 Operator : KP/SY
 Sample : 02385-01
 Misc : 5.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-3-041723

Quant Time: Apr 19 01:24:17 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	7.881	168	211372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	486732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	350046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	126862	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	130289	64.939	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.880%
35) Dibromofluoromethane	7.805	113	142062	43.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.780%
50) Toluene-d8	10.269	98	500638	38.187	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.380%
62) 4-Bromofluorobenzene	12.575	95	117519	33.725	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.460%

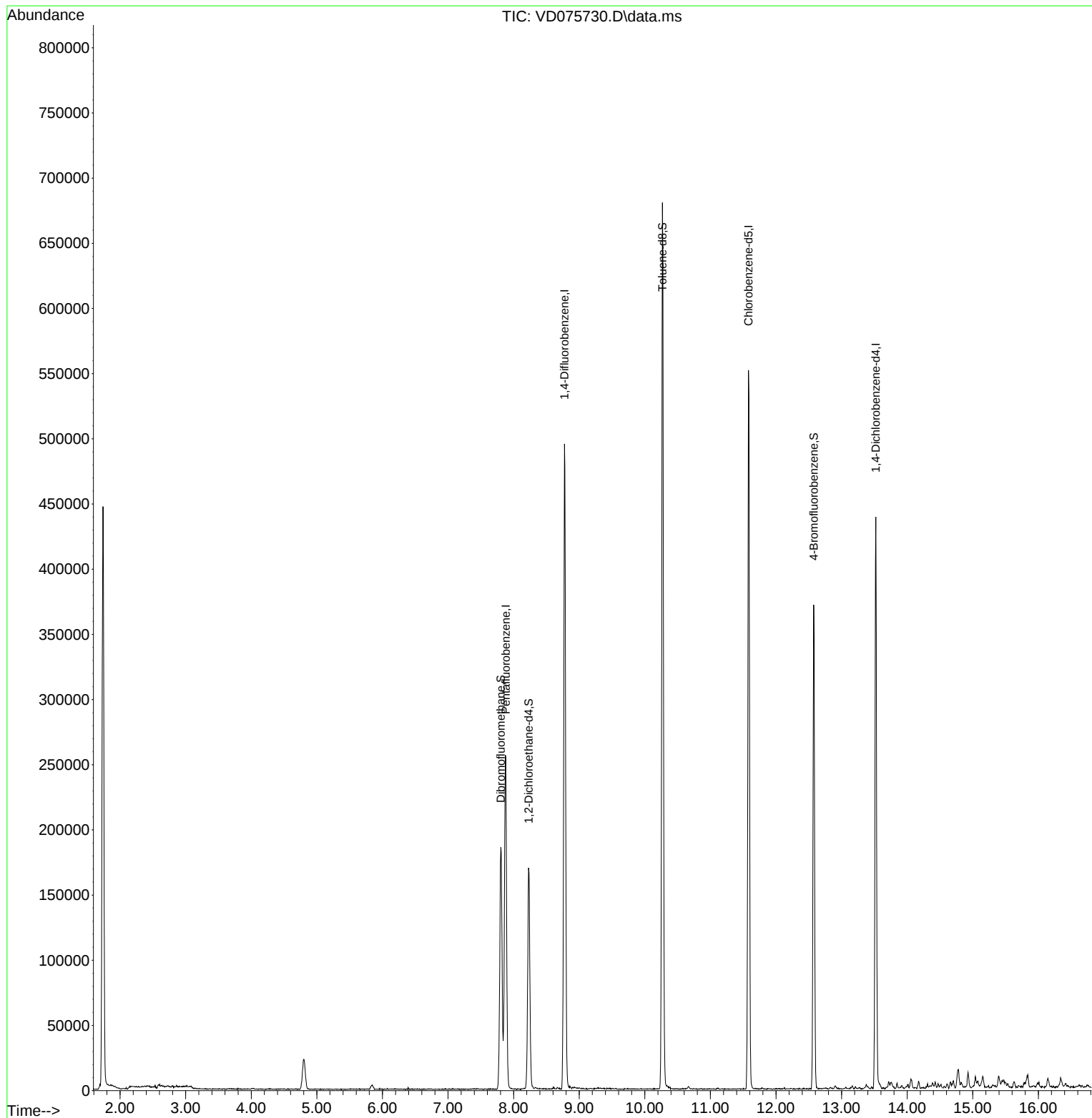
Target Compounds	Qvalue

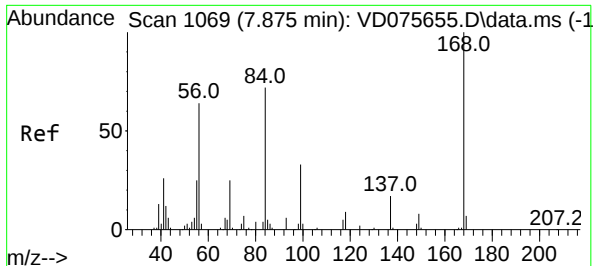
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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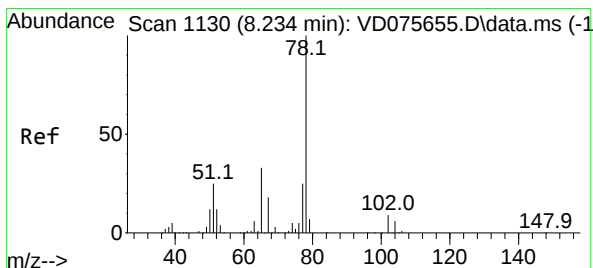
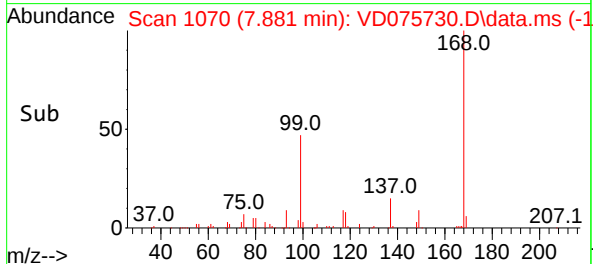
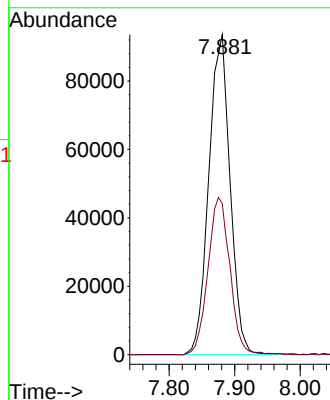
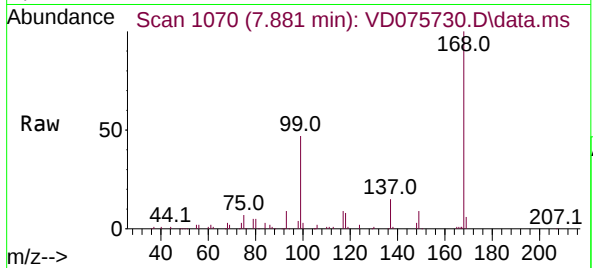




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

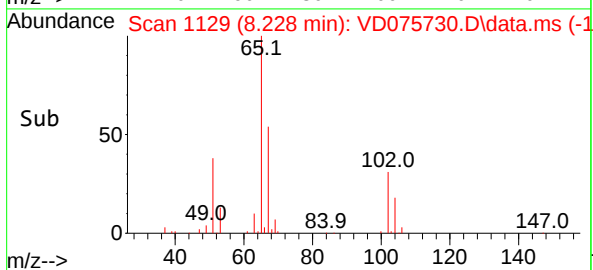
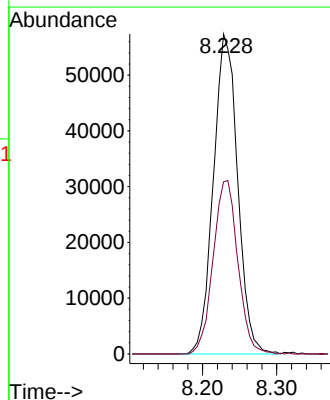
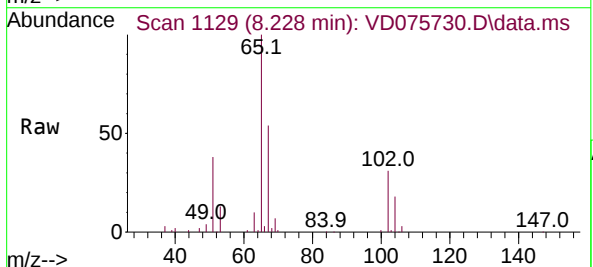
Instrument :
MSVOA_D
ClientSampleId :
BU-3-041723

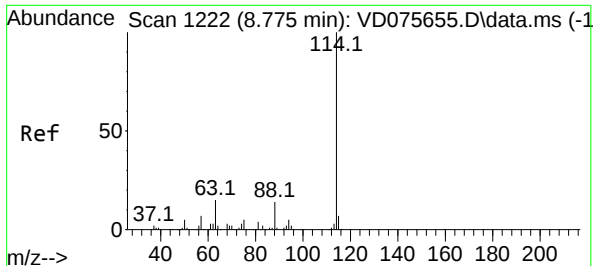
Tgt Ion:168 Resp: 211372
Ion Ratio Lower Upper
168 100
99 47.2 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 64.939 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

Tgt Ion: 65 Resp: 130289
Ion Ratio Lower Upper
65 100
67 55.3 0.0 102.2

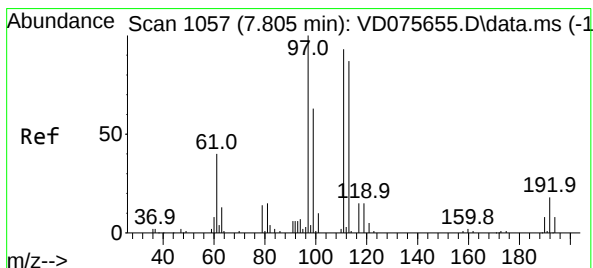
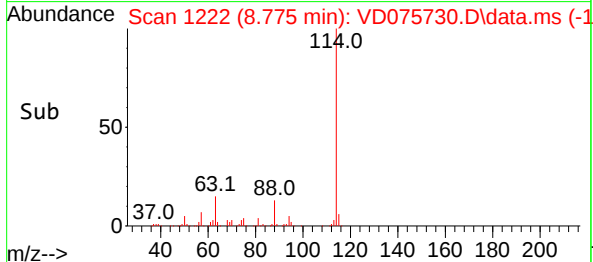
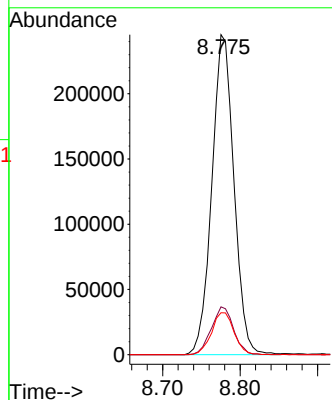
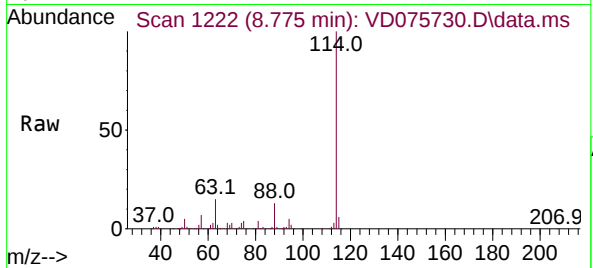




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

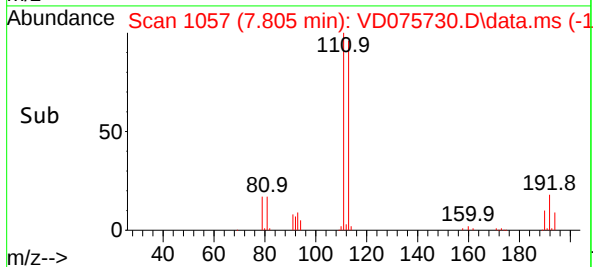
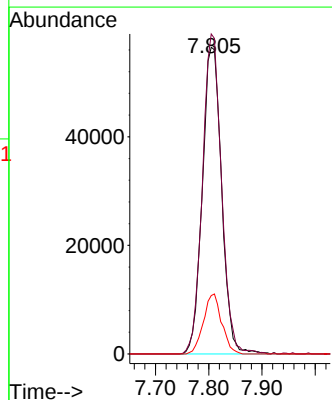
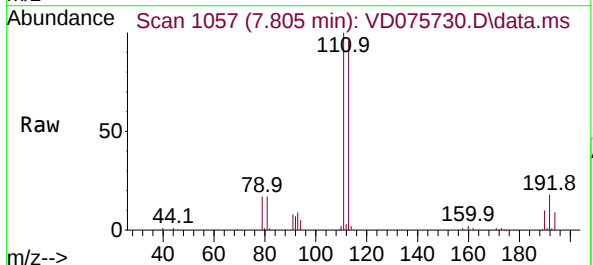
Instrument :
MSVOA_D
ClientSampleId :
BU-3-041723

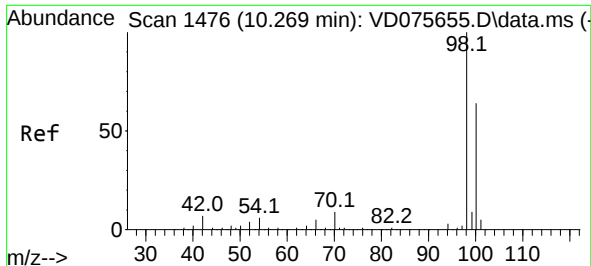
Tgt Ion:114 Resp: 486732
Ion Ratio Lower Upper
114 100
63 15.0 0.0 41.6
88 13.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 43.394 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

Tgt Ion:113 Resp: 142062
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 18.5 15.2 22.8

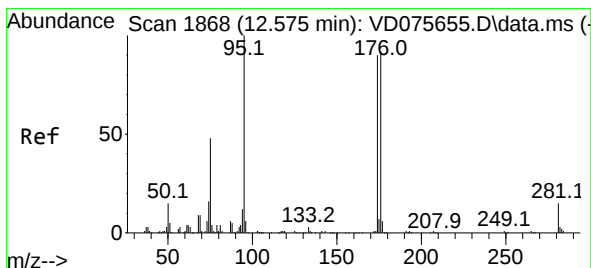
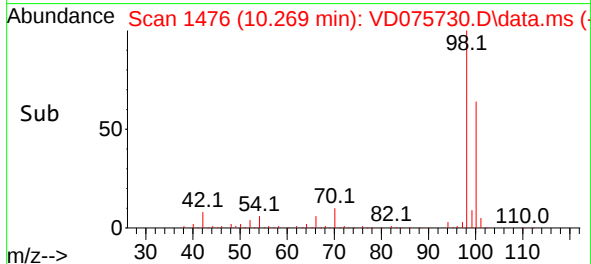
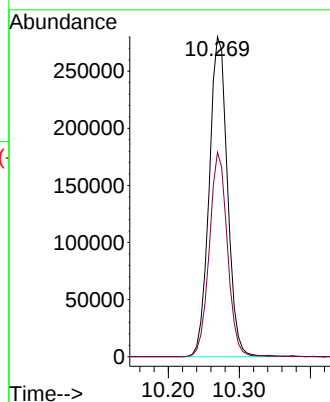
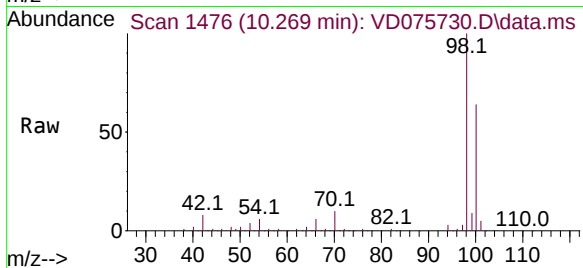




#50
Toluene-d8
Concen: 38.187 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

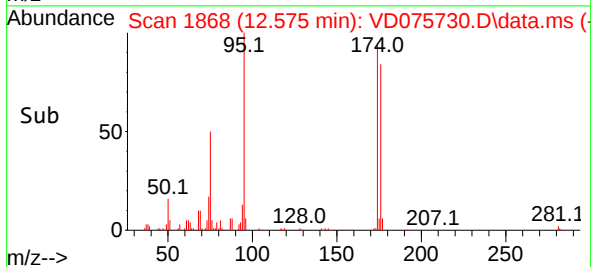
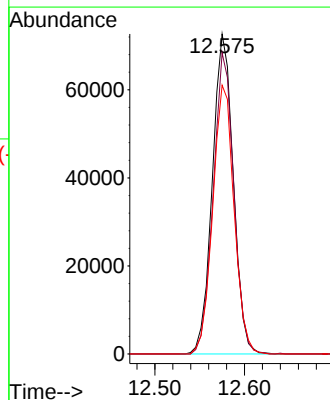
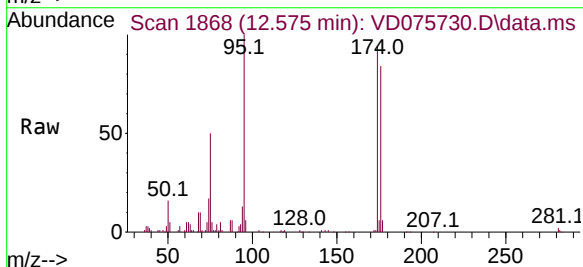
Instrument :
MSVOA_D
ClientSampleId :
BU-3-041723

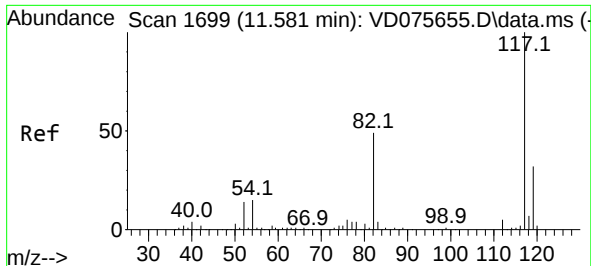
Tgt Ion: 98 Resp: 500638
Ion Ratio Lower Upper
98 100
100 63.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 33.725 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

Tgt Ion: 95 Resp: 117519
Ion Ratio Lower Upper
95 100
174 92.3 0.0 164.0
176 85.7 0.0 156.8

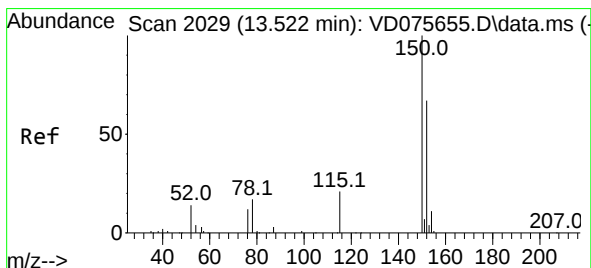
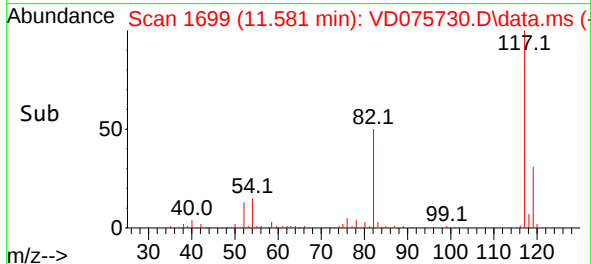
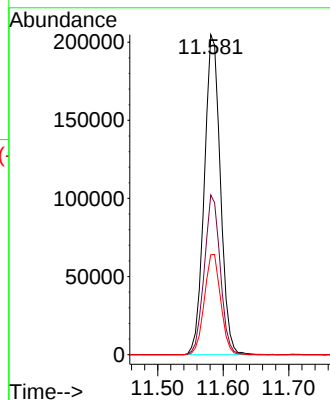
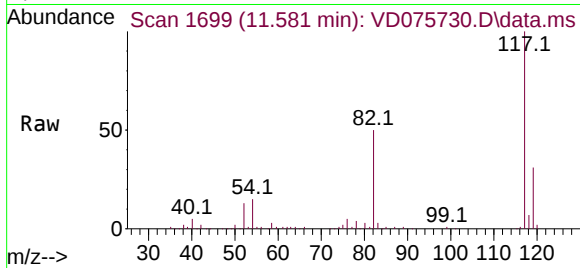




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075730.D
Acq: 18 Apr 2023 16:46

Instrument :
MSVOA_D
ClientSampleId :
BU-3-041723

Tgt Ion:117 Resp: 350046
Ion Ratio Lower Upper
117 100
82 49.9 44.0 66.0
119 31.3 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: VD075730.D
Acq: 18 Apr 2023 16:46

Tgt Ion:152 Resp: 126862
Ion Ratio Lower Upper
152 100
115 53.9 30.1 90.3
150 155.0 0.0 364.8

