

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081022\
 Data File : VD074029.D
 Acq On : 10 Aug 2022 17:04
 Operator : VA/SY
 Sample : N4038-05
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-5

Quant Time: Aug 10 17:41:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	118768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	206254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	191731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	82471	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.314	65	55901	61.365	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.720%
35) Dibromofluoromethane	7.908	113	66540	48.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.140%
50) Toluene-d8	10.332	98	166892	46.131	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.260%
62) 4-Bromofluorobenzene	12.620	95	76178	45.219	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.440%

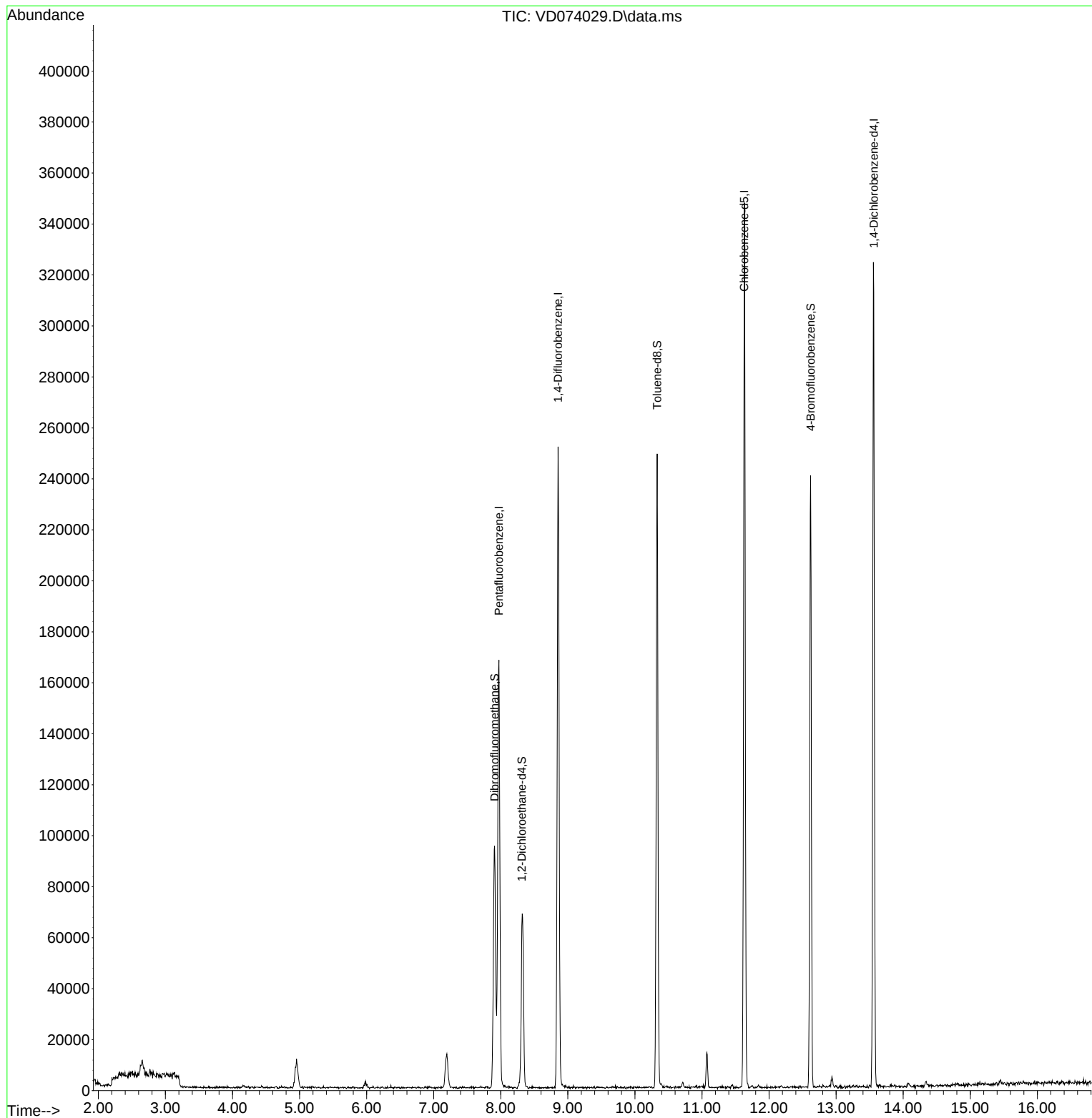
Target Compounds	Qvalue

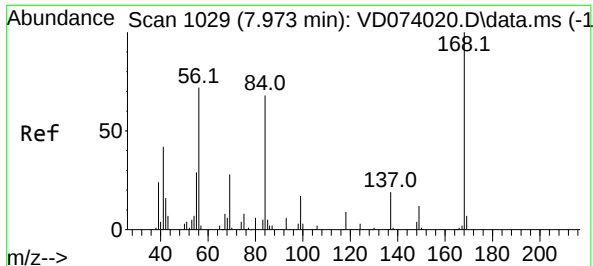
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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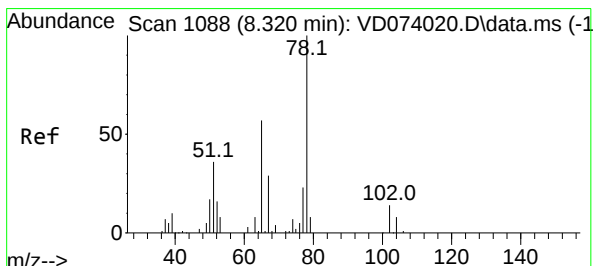
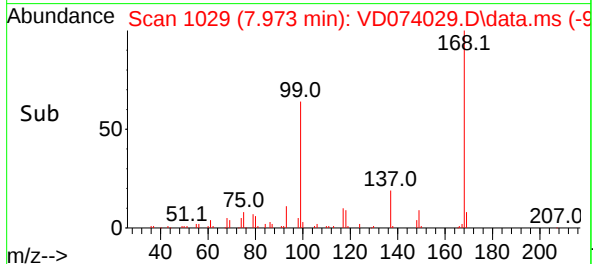
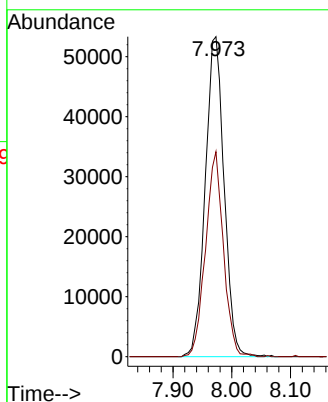
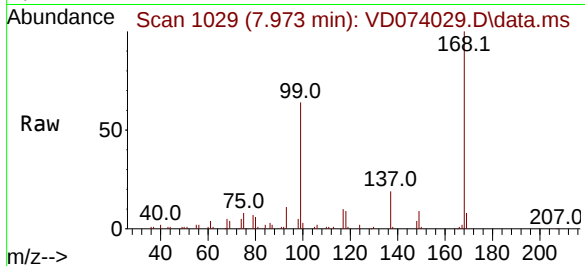




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074029.D
Acq: 10 Aug 2022 17:04

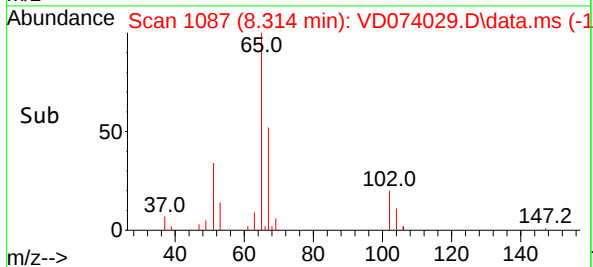
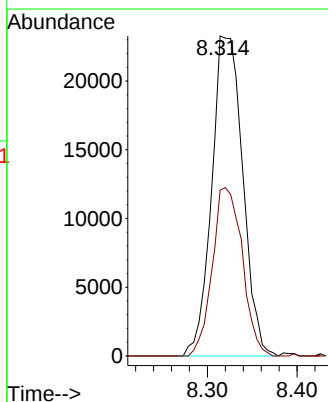
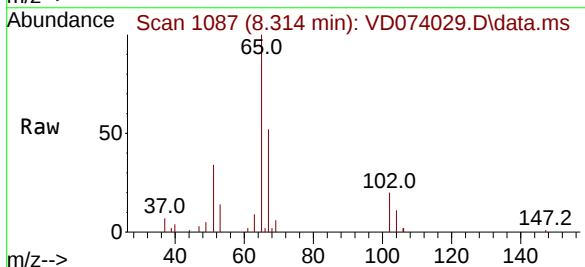
Instrument :
MSVOA_D
ClientSampleId :
S-5

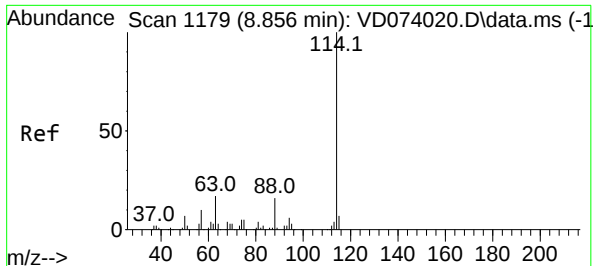
Tgt Ion:168 Resp: 118768
Ion Ratio Lower Upper
168 100
99 64.0 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 61.365 ug/l
RT: 8.314 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VD074029.D
Acq: 10 Aug 2022 17:04

Tgt Ion: 65 Resp: 55901
Ion Ratio Lower Upper
65 100
67 50.8 0.0 113.6

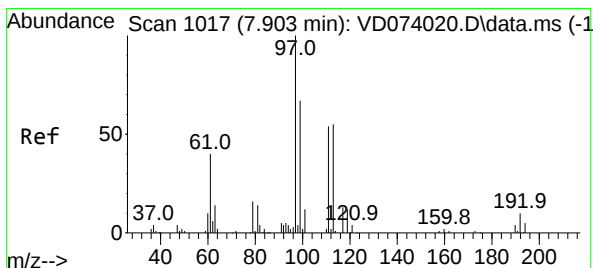
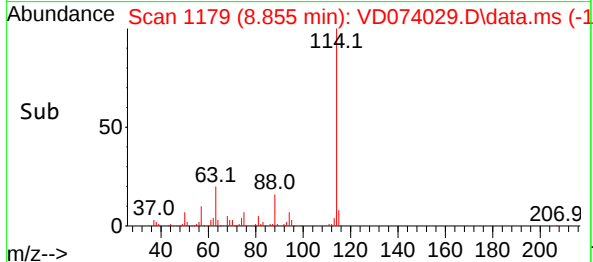
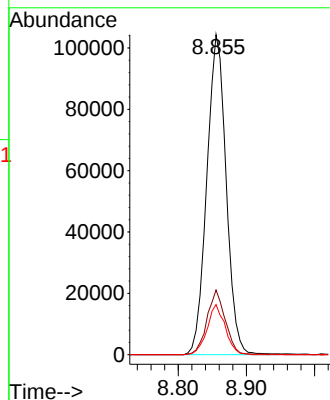
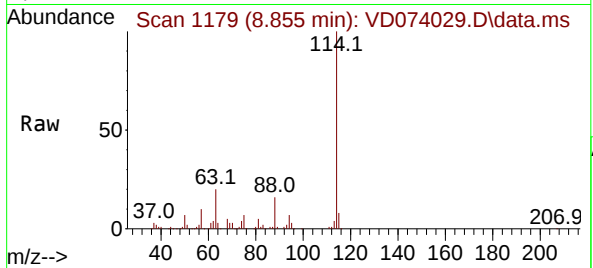




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD074029.D
Acq: 10 Aug 2022 17:04

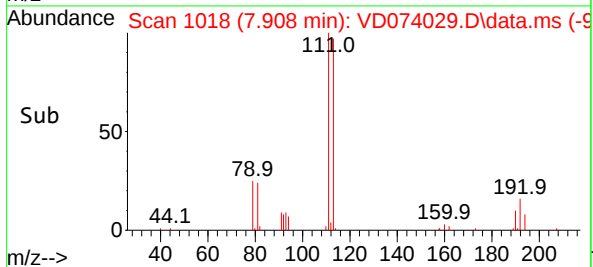
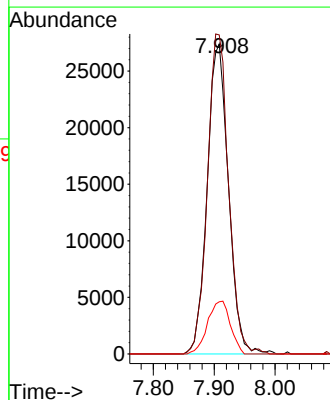
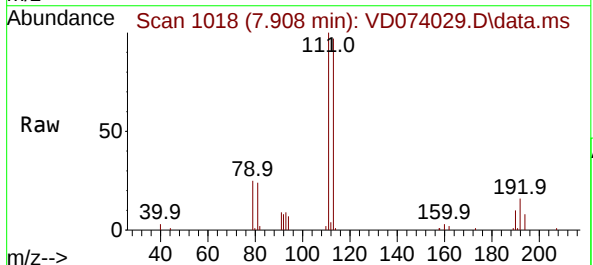
Instrument :
MSVOA_D
ClientSampleId :
S-5

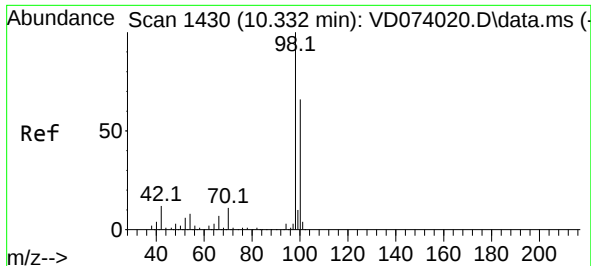
Tgt Ion:114 Resp: 206254
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.0
88 15.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 48.572 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.005 min
Lab File: VD074029.D
Acq: 10 Aug 2022 17:04

Tgt Ion:113 Resp: 66540
Ion Ratio Lower Upper
113 100
111 102.6 80.0 120.0
192 18.2 14.2 21.4

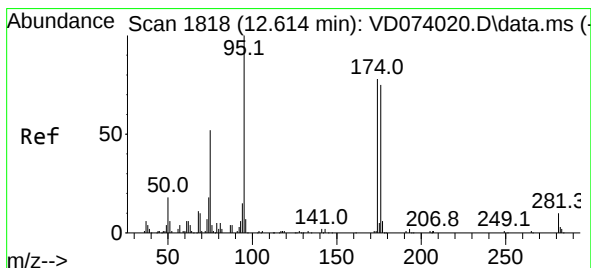
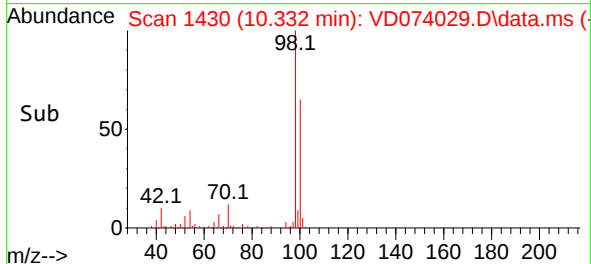
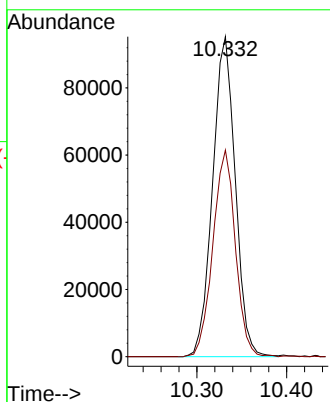
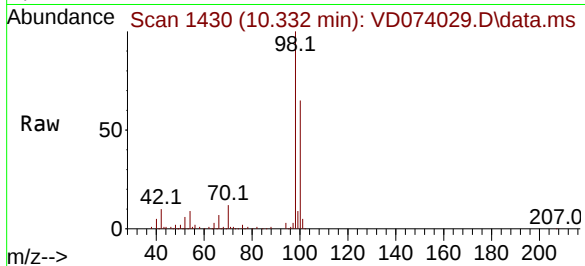




#50
Toluene-d8
Concen: 46.131 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074029.D
Acq: 10 Aug 2022 17:04

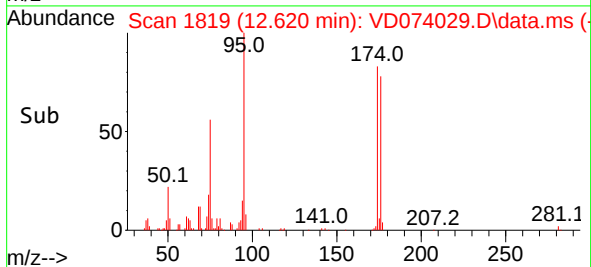
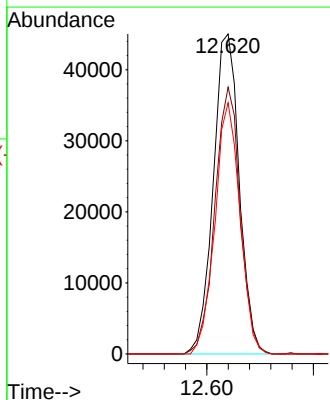
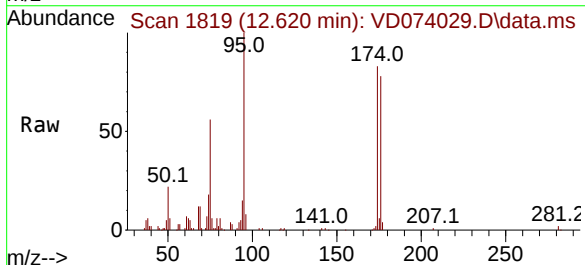
Instrument :
MSVOA_D
ClientSampleId :
S-5

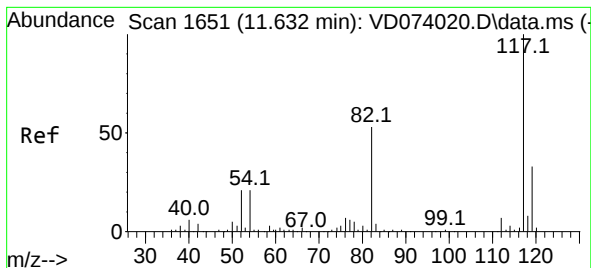
Tgt Ion: 98 Resp: 166892
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.219 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074029.D
Acq: 10 Aug 2022 17:04

Tgt Ion: 95 Resp: 76178
Ion Ratio Lower Upper
95 100
174 80.8 0.0 162.6
176 75.7 0.0 160.0

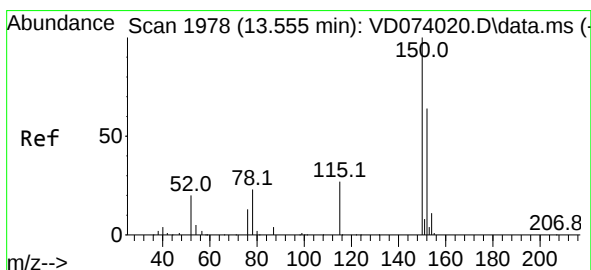
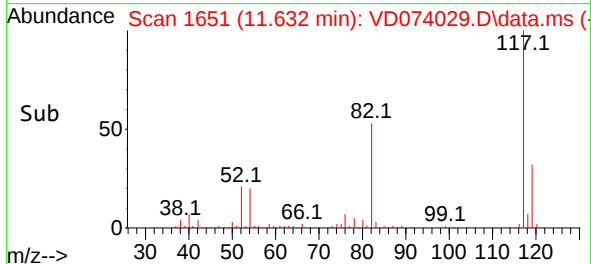
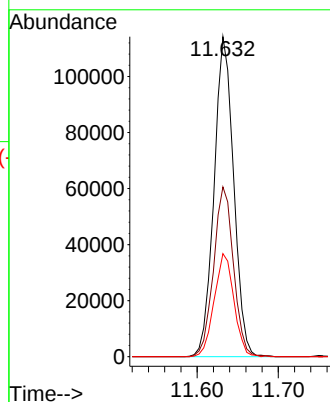
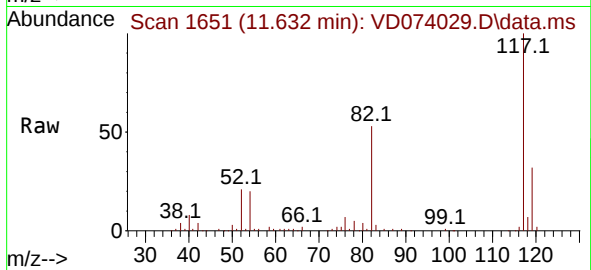




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074029.D
Acq: 10 Aug 2022 17:04

Instrument :
MSVOA_D
ClientSampleId :
S-5

Tgt Ion:117 Resp: 191731
Ion Ratio Lower Upper
117 100
82 53.1 42.7 64.1
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074029.D
Acq: 10 Aug 2022 17:04

Tgt Ion:152 Resp: 82471
Ion Ratio Lower Upper
152 100
115 60.0 29.9 89.8
150 163.2 0.0 342.8

