

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040622\
 Data File : VD072545.D
 Acq On : 06 Apr 2022 12:14
 Operator : VA/SY
 Sample : VD0406SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0406SBL01

Quant Time: Apr 07 01:10:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	604279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1087370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1004349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	449509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	329046	45.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.020%
35) Dibromofluoromethane	7.909	113	354943	42.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.000%
50) Toluene-d8	10.332	98	1320760	44.963	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.920%
62) 4-Bromofluorobenzene	12.620	95	451898	39.392	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.780%

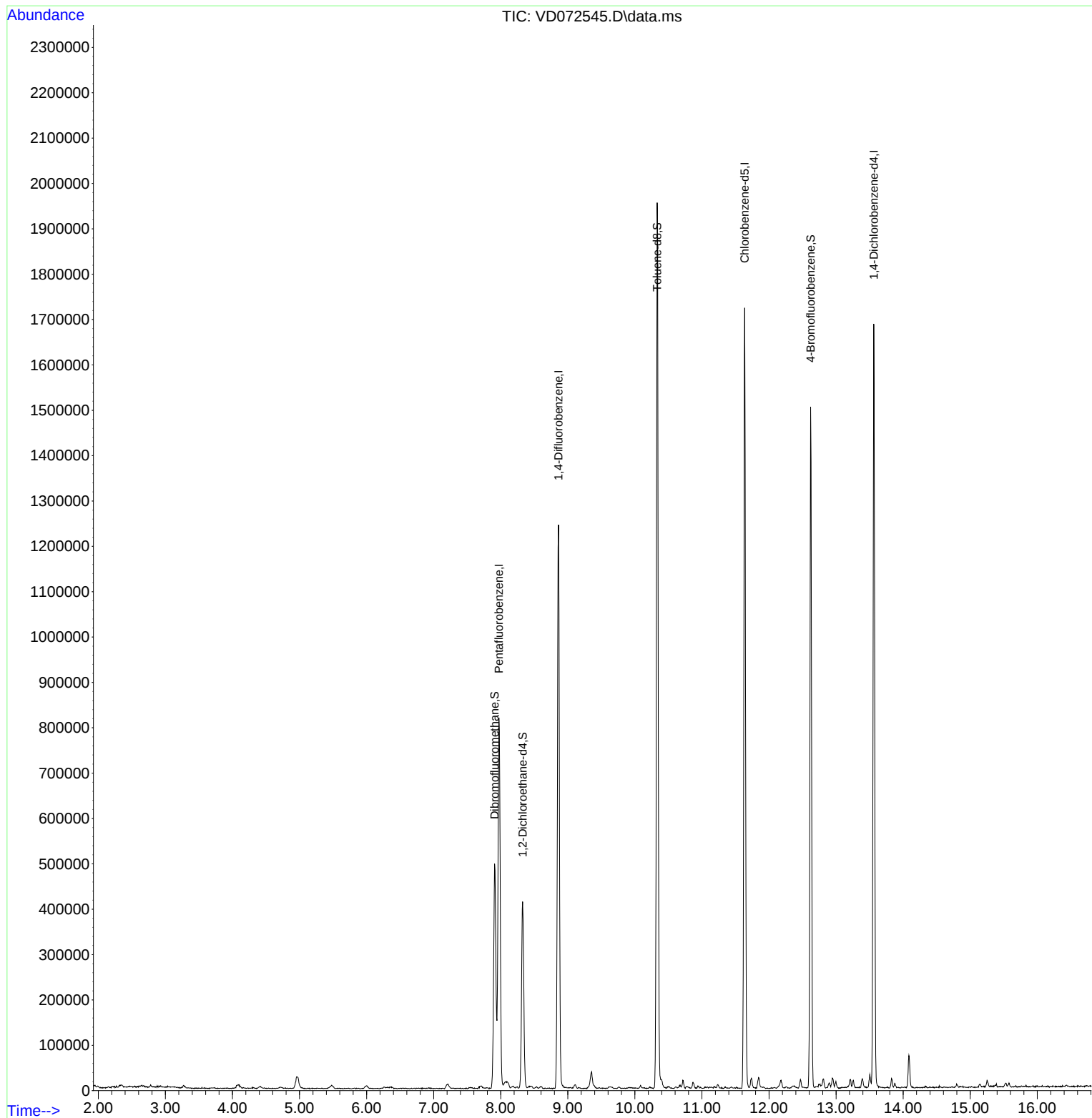
Target Compounds	Qvalue

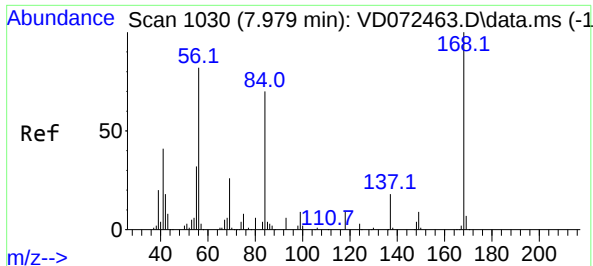
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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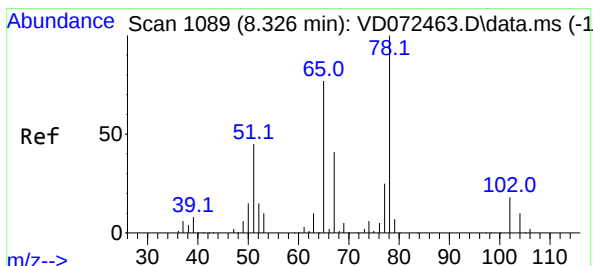
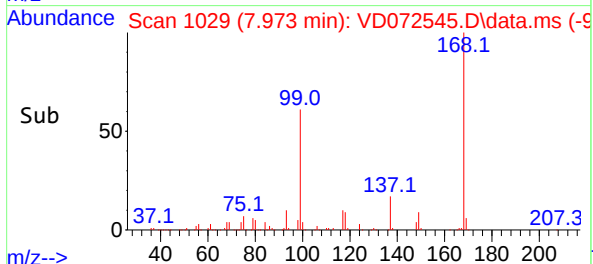
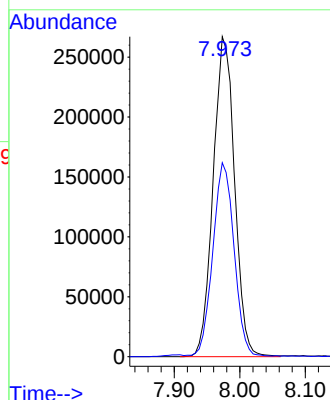
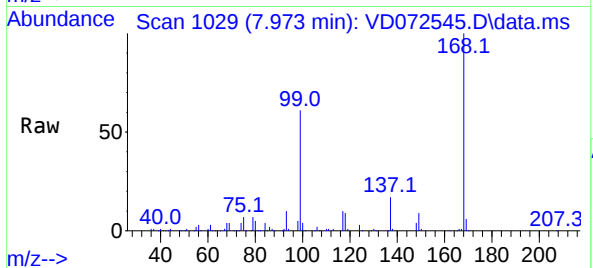




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072545.D
Acq: 06 Apr 2022 12:14

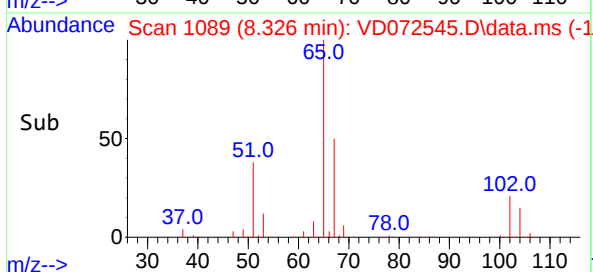
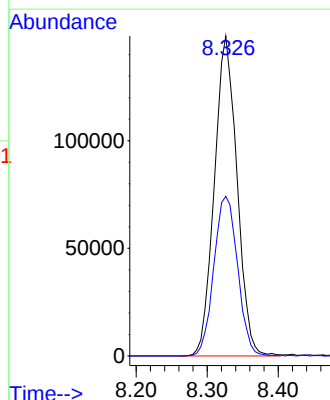
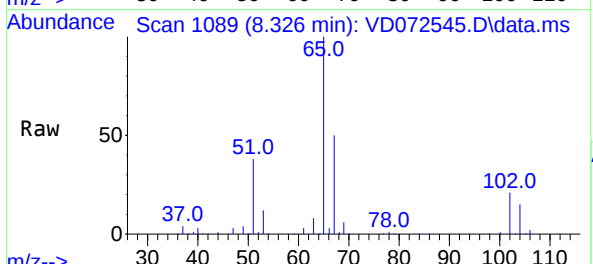
Instrument :
MSVOA_D
ClientSampleId :
VD0406SBL01

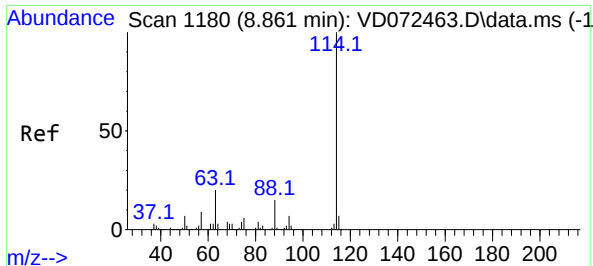
Tgt Ion:168 Resp: 604279
Ion Ratio Lower Upper
168 100
99 60.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 45.014 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072545.D
Acq: 06 Apr 2022 12:14

Tgt Ion: 65 Resp: 329046
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4

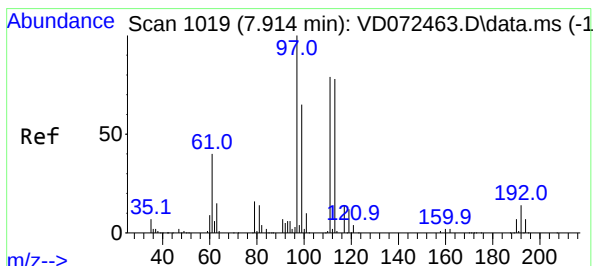
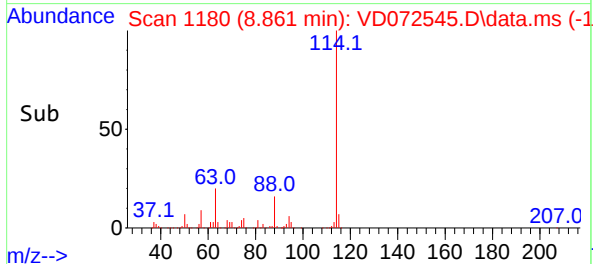
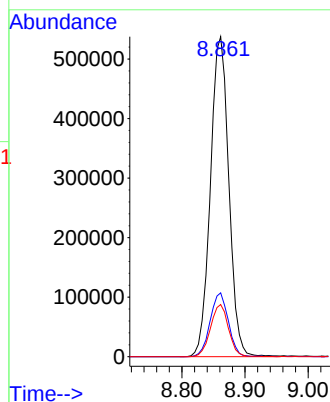
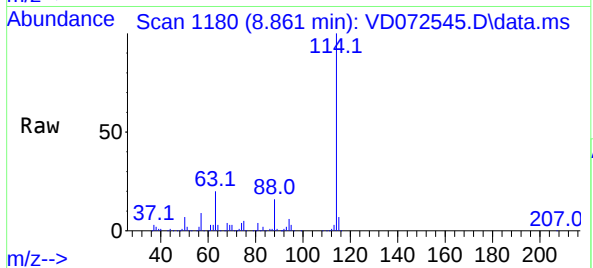




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072545.D
Acq: 06 Apr 2022 12:14

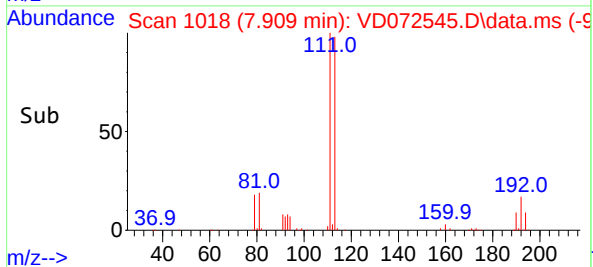
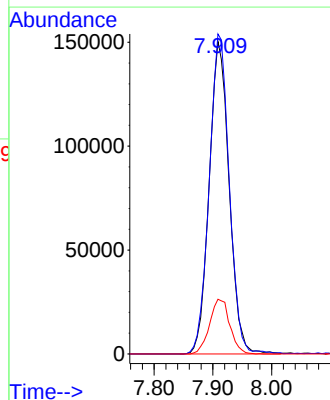
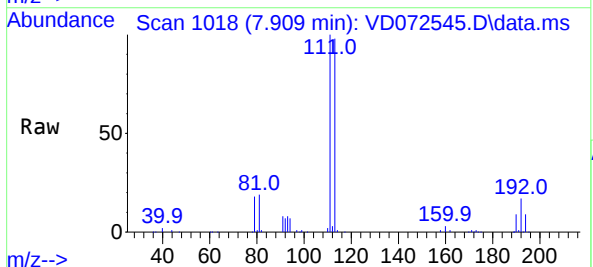
Instrument :
MSVOA_D
ClientSampleId :
VD0406SBL01

Tgt Ion:114 Resp: 1087370
Ion Ratio Lower Upper
114 100
63 20.0 0.0 46.6
88 16.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 42.003 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072545.D
Acq: 06 Apr 2022 12:14

Tgt Ion:113 Resp: 354943
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 17.7 14.6 21.8

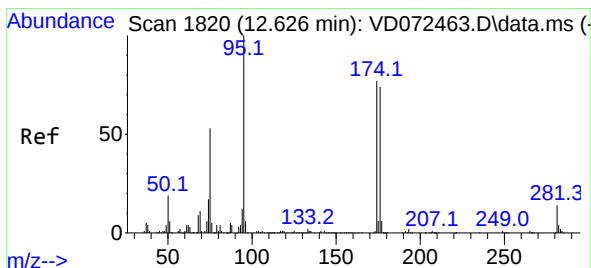
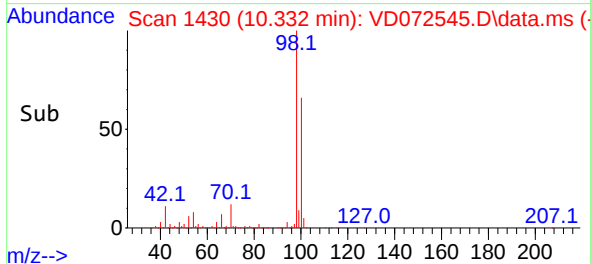
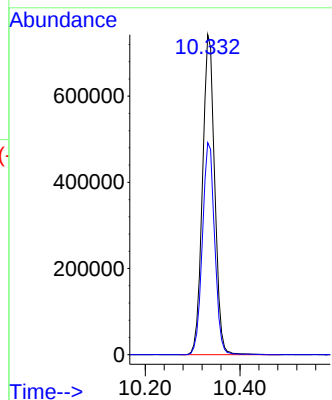
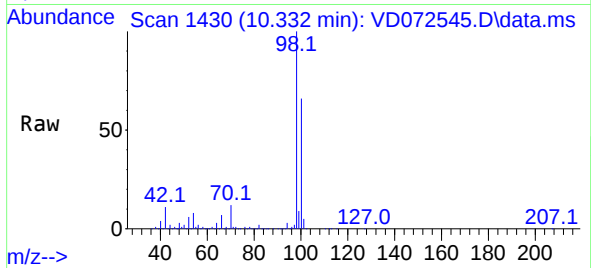




#50
Toluene-d8
Concen: 44.963 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072545.D
Acq: 06 Apr 2022 12:14

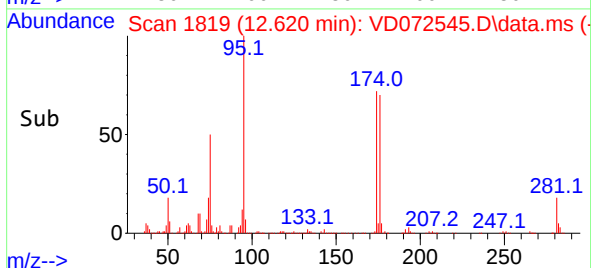
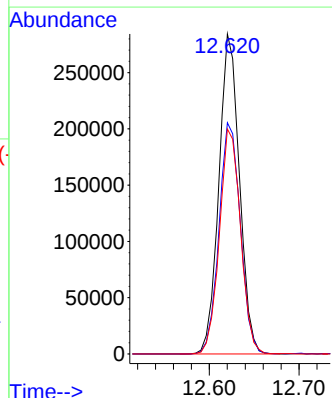
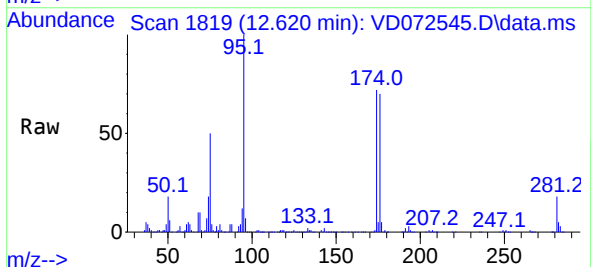
Instrument :
MSVOA_D
ClientSampleId :
VD0406SBL01

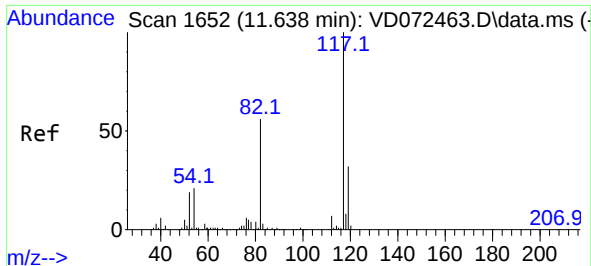
Tgt Ion: 98 Resp: 1320760
Ion Ratio Lower Upper
98 100
100 66.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.392 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072545.D
Acq: 06 Apr 2022 12:14

Tgt Ion: 95 Resp: 451898
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.8
176 72.1 0.0 145.4

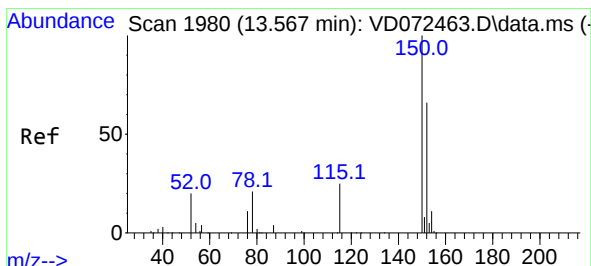
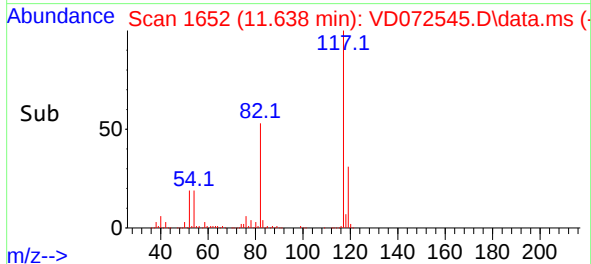
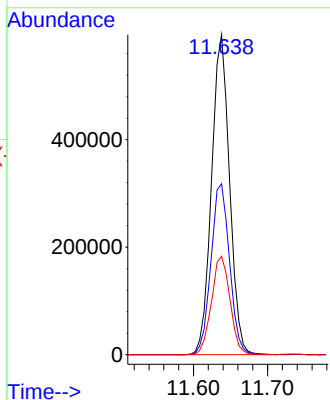
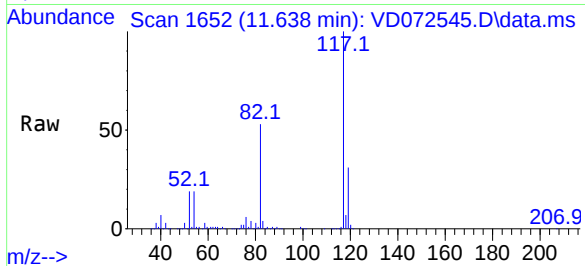




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD072545.D
Acq: 06 Apr 2022 12:14

Instrument :
MSVOA_D
ClientSampleId :
VD0406SBL01

Tgt Ion:117 Resp: 1004349
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 30.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072545.D
Acq: 06 Apr 2022 12:14

Tgt Ion:152 Resp: 449509
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 156.1 0.0 348.6

