

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072625.D
 Acq On : 19 Apr 2022 15:22
 Operator : VA/SY
 Sample : N2442-01
 Misc : 3.86G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124035

Quant Time: Apr 20 05:03:22 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	401480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	771713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	746038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	332258	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	244104	50.261	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.520%
35) Dibromofluoromethane	7.908	113	256118	42.706	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.420%
50) Toluene-d8	10.332	98	935838	44.891	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.780%
62) 4-Bromofluorobenzene	12.620	95	330861	40.638	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.280%

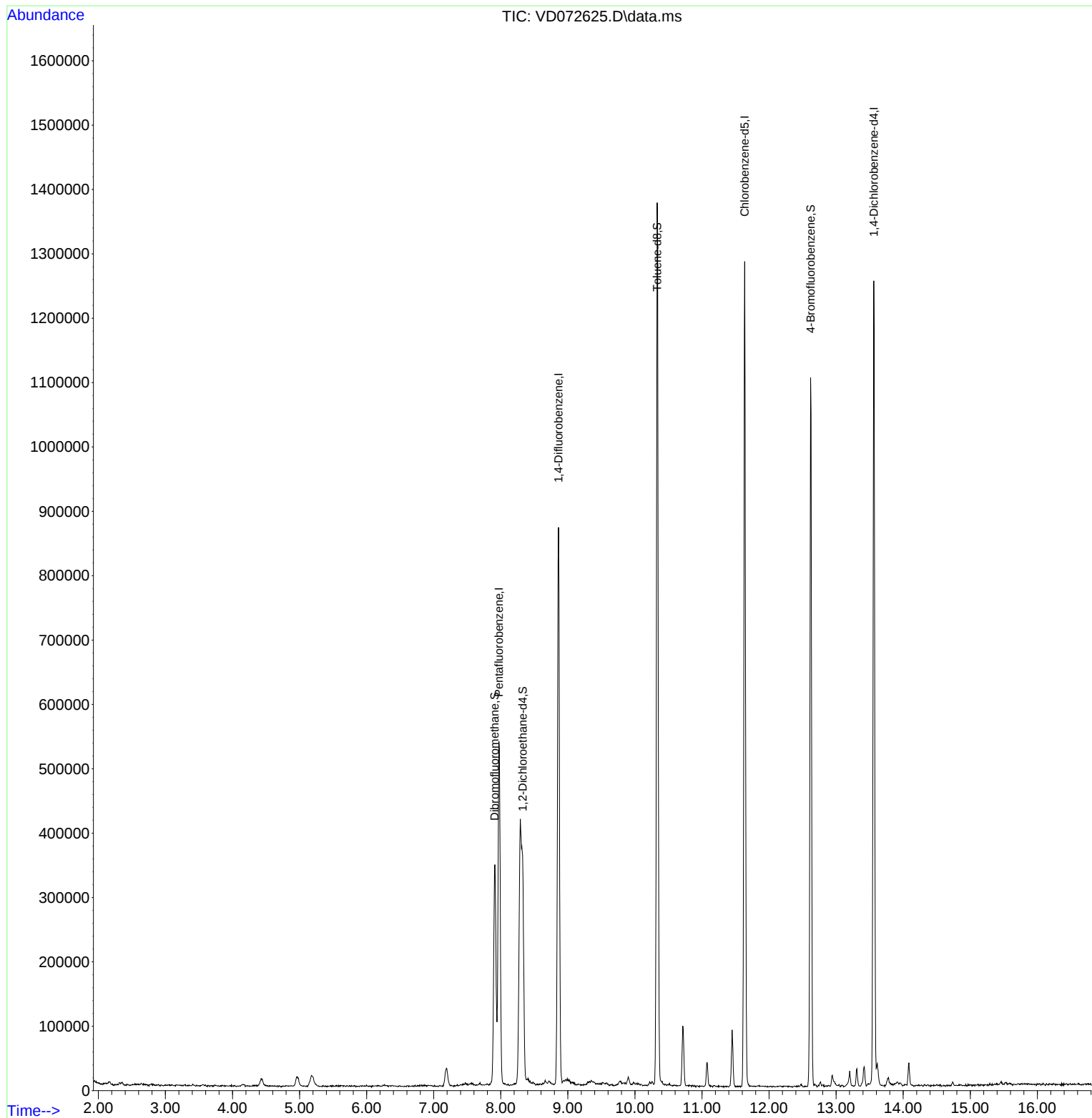
Target Compounds	Qvalue

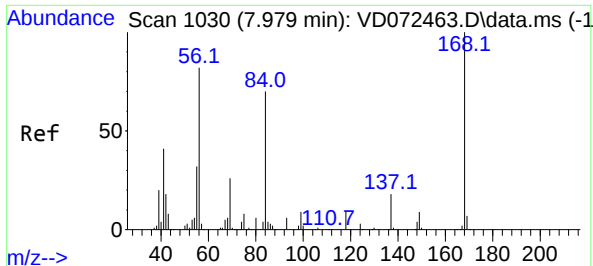
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072625.D

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Instrument :

MSVOA_D

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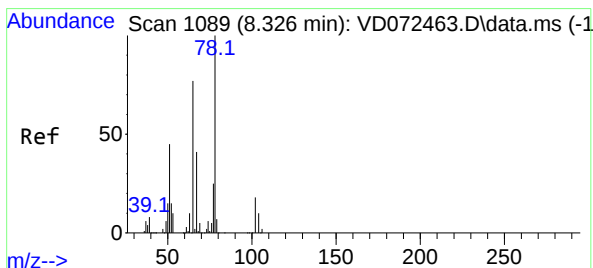
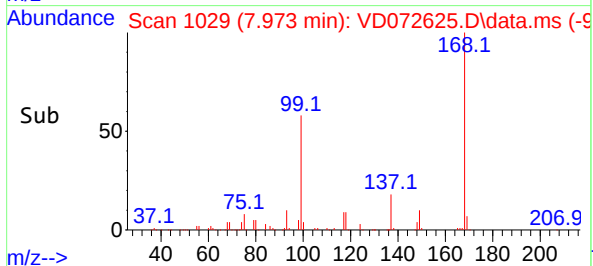
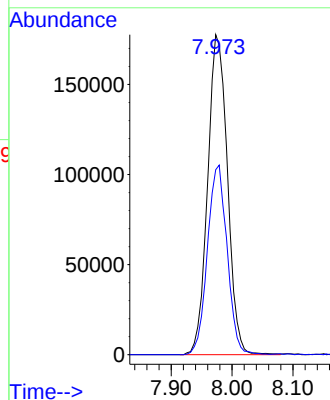
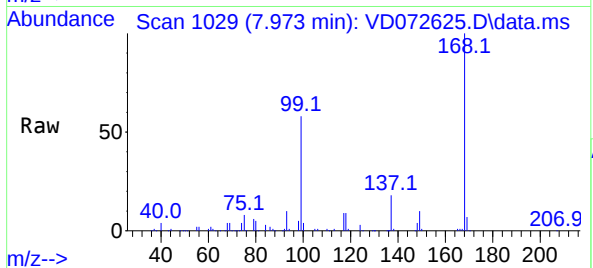
124035

Tgt Ion:168 Resp: 401480

Ion Ratio Lower Upper

168 100

99 57.8 49.8 74.6



1,2-Dichloroethane-d4

Concen: 50.261 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072625.D

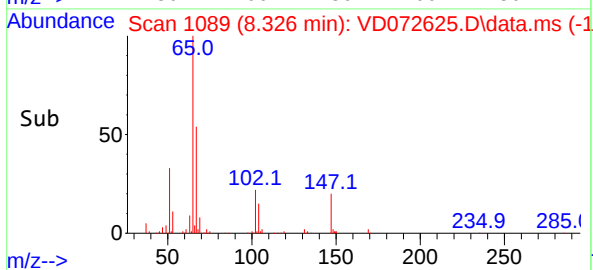
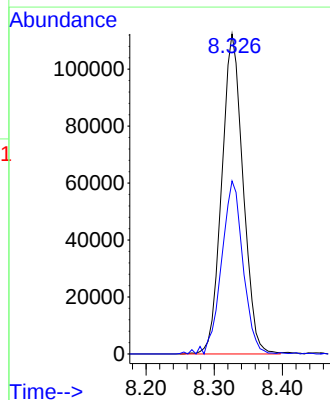
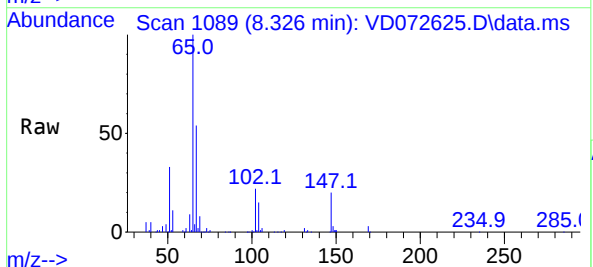
Acq: 19 Apr 2022 15:22

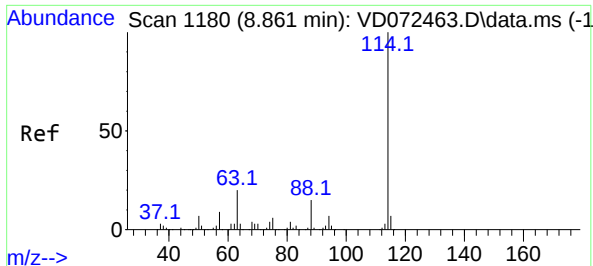
Tgt Ion: 65 Resp: 244104

Ion Ratio Lower Upper

65 100

67 54.7 0.0 101.4



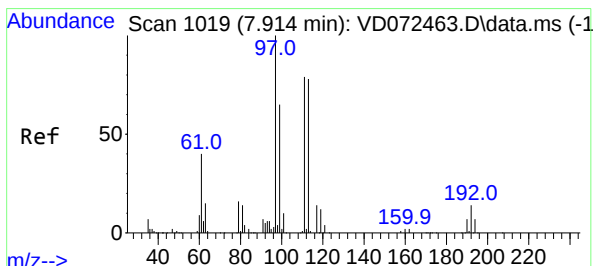
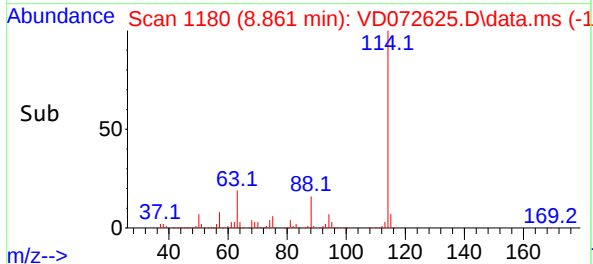
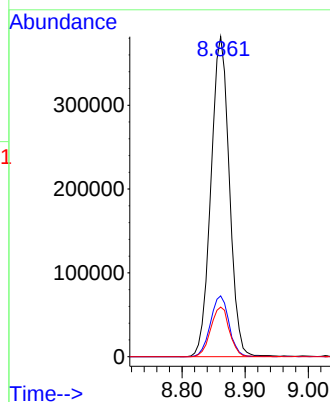
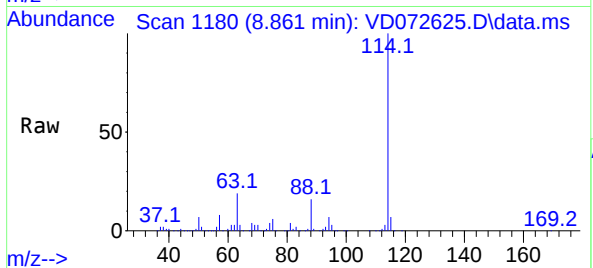


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072625.D
Acq: 19 Apr 2022 15:22

Instrument :
MSVOA_D
ClientSampleId :
124035

Tgt Ion:114 Resp: 771713

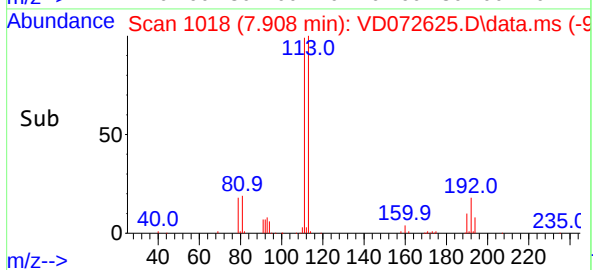
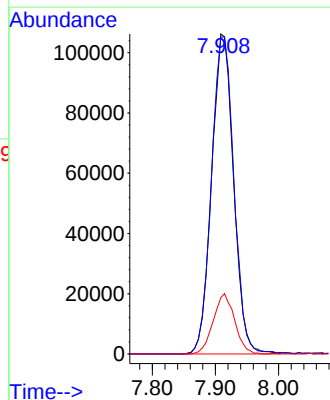
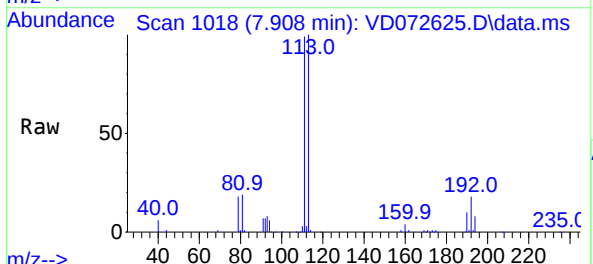
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	46.6
88	15.5	0.0	33.2

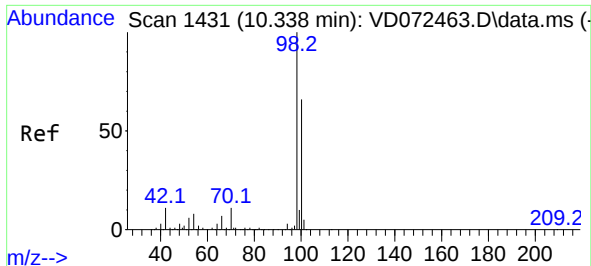


#35
Dibromofluoromethane
Concen: 42.706 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072625.D
Acq: 19 Apr 2022 15:22

Tgt Ion:113 Resp: 256118

Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.8	125.6
192	18.4	14.6	21.8

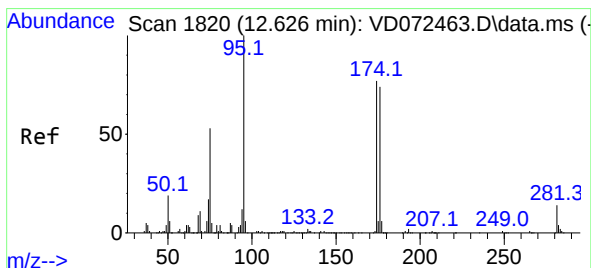
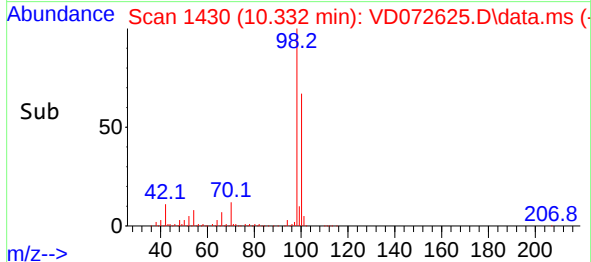
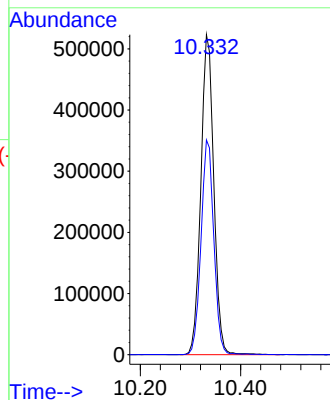
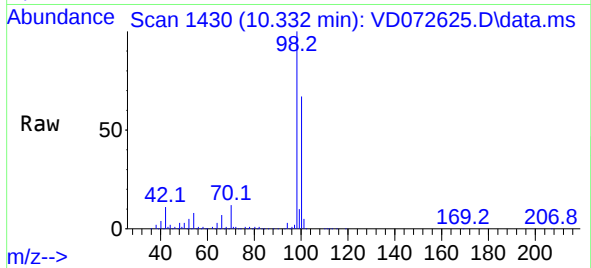




#50
Toluene-d8
Concen: 44.891 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072625.D
Acq: 19 Apr 2022 15:22

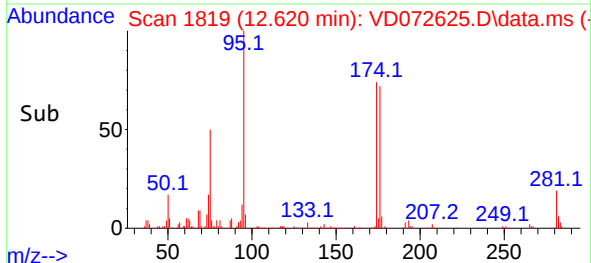
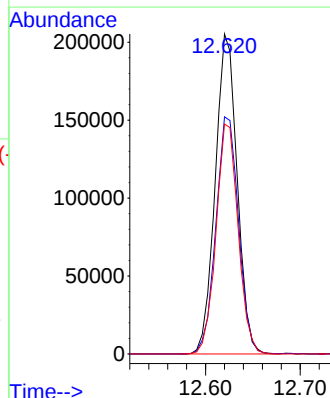
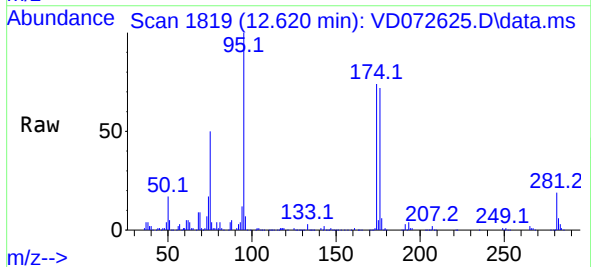
Instrument :
MSVOA_D
ClientSampleId :
124035

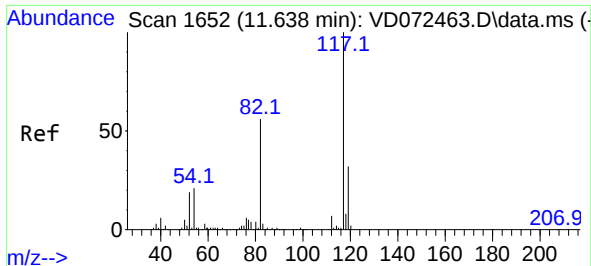
Tgt Ion: 98 Resp: 935838
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.638 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072625.D
Acq: 19 Apr 2022 15:22

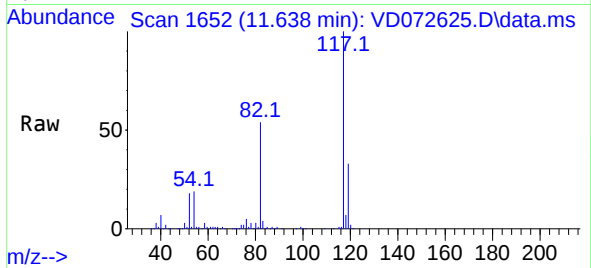
Tgt Ion: 95 Resp: 330861
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 72.3 0.0 145.4





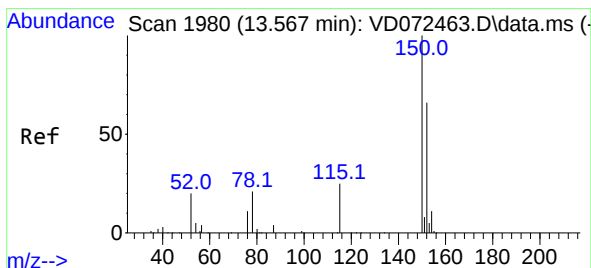
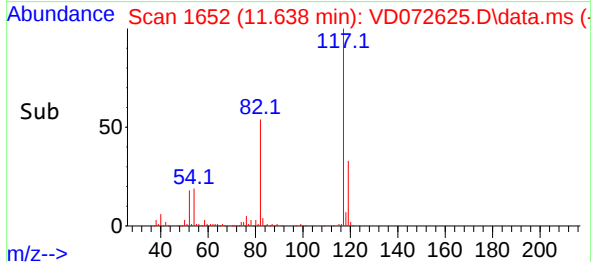
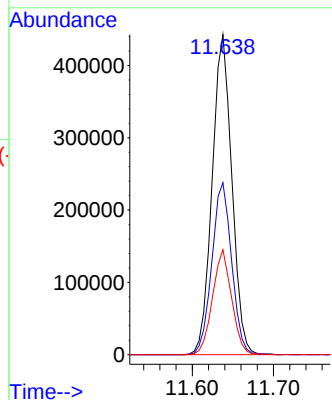
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD072625.D
Acq: 19 Apr 2022 15:22

Instrument :
MSVOA_D
ClientSampleId :
124035



Tgt Ion:117 Resp: 746038

Ion	Ratio	Lower	Upper
117	100		
82	53.8	45.3	67.9
119	32.8	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: VD072625.D
Acq: 19 Apr 2022 15:22

Tgt Ion:152 Resp: 332258

Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.3	93.8
150	159.7	0.0	348.6

