

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061421\
 Data File : VD069422.D
 Acq On : 14 Jun 2021 13:02
 Operator : VA/SY
 Sample : M2687-10
 Misc : 4.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-03

Quant Time: Jun 15 07:25:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

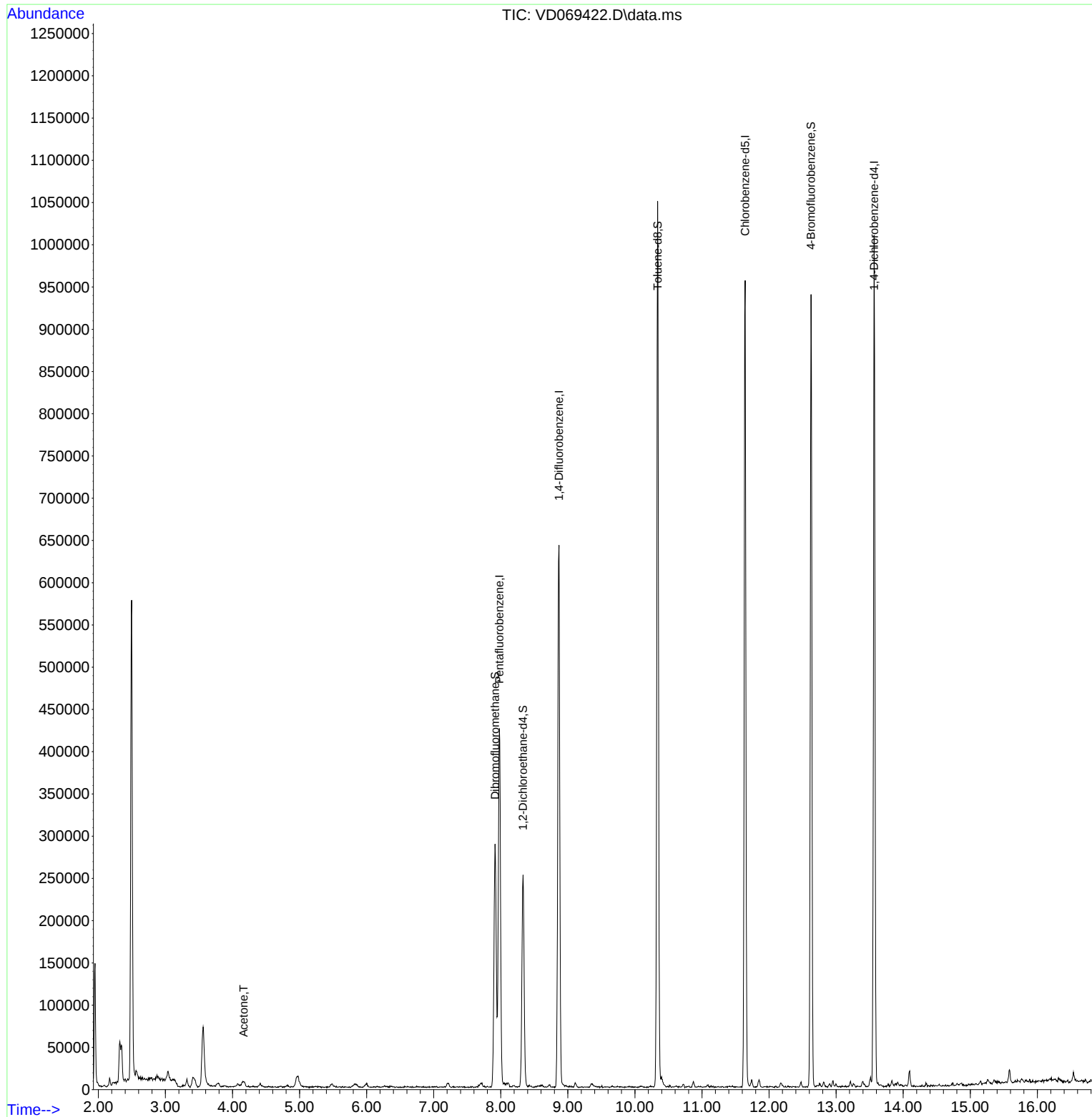
Internal Standards						
1) Pentafluorobenzene	7.979	168	317120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	573356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	578931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	265573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	202895	56.712	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.420%
35) Dibromofluoromethane	7.914	113	210387	48.990	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.980%
50) Toluene-d8	10.338	98	714427	45.485	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.980%
62) 4-Bromofluorobenzene	12.626	95	245244	48.662	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.320%
Target Compounds						
16) Acetone	4.167	43	14747	24.903	ug/l	Qvalue 94

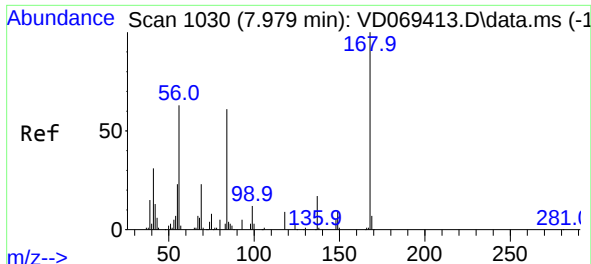
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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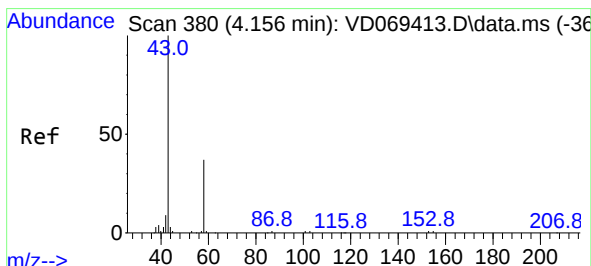
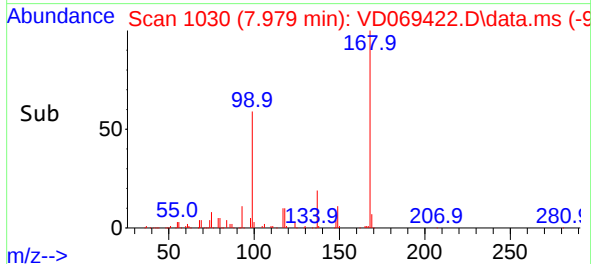
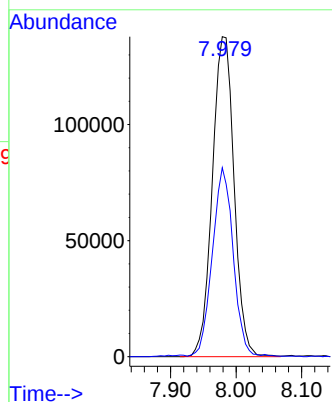
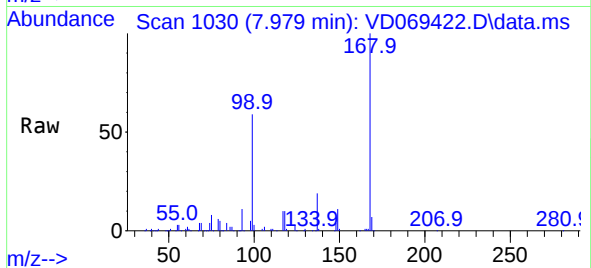




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069422.D
Acq: 14 Jun 2021 13:02

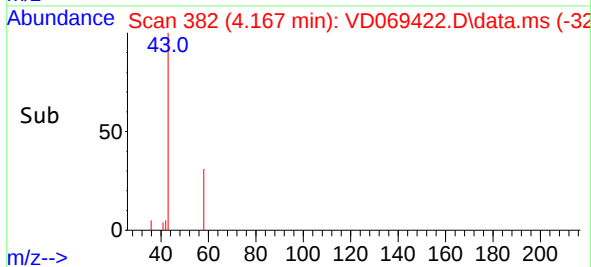
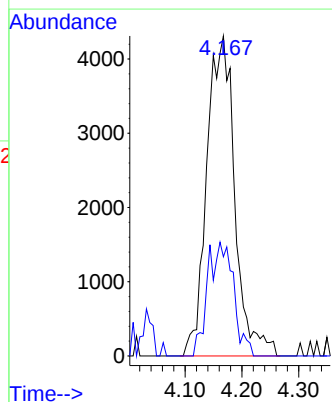
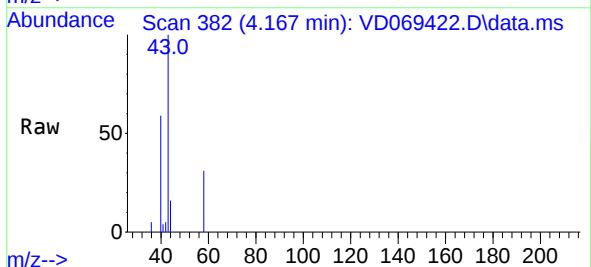
Instrument :
MSVOA_D
ClientSampleId :
DUP-03

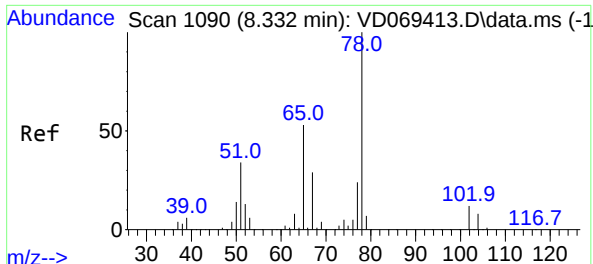
Tgt Ion:168 Resp: 317120
Ion Ratio Lower Upper
168 100
99 58.9 46.2 69.2



#16
Acetone
Concen: 24.903 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD069422.D
Acq: 14 Jun 2021 13:02

Tgt Ion: 43 Resp: 14747
Ion Ratio Lower Upper
43 100
58 31.0 27.5 41.3

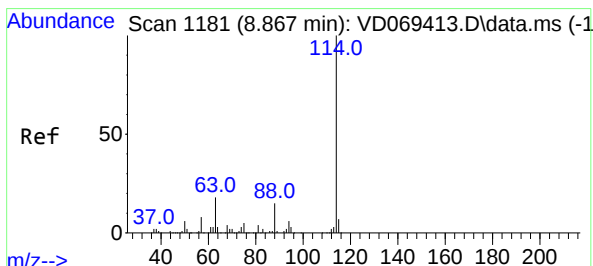
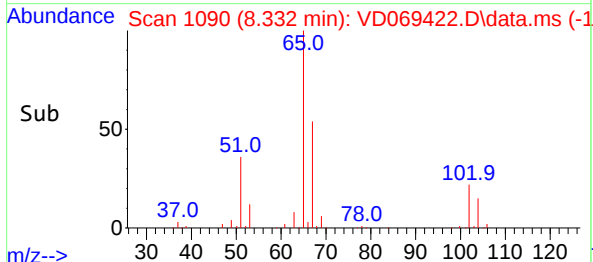
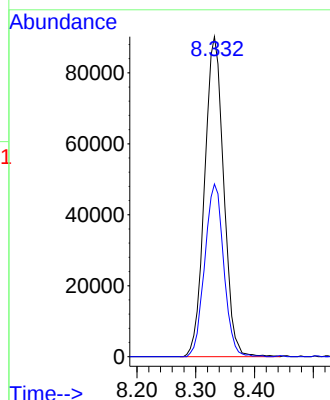
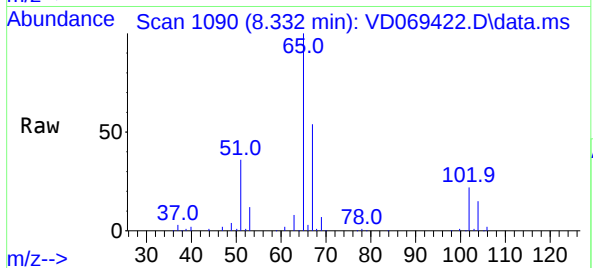




#33
1,2-Dichloroethane-d4
Concen: 56.712 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069422.D
Acq: 14 Jun 2021 13:02

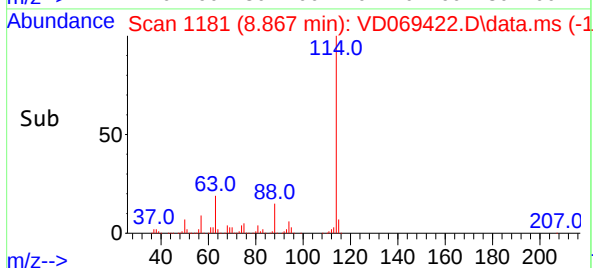
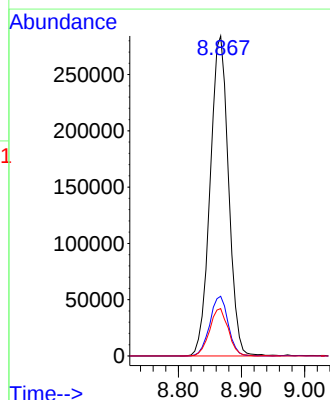
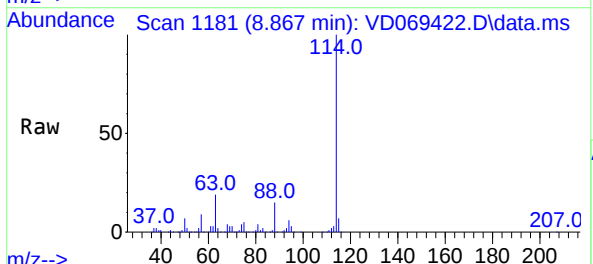
Instrument :
MSVOA_D
ClientSampleId :
DUP-03

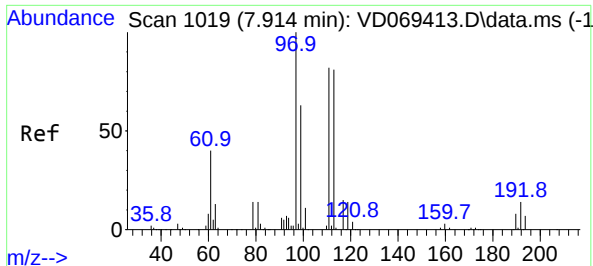
Tgt Ion: 65 Resp: 202895
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069422.D
Acq: 14 Jun 2021 13:02

Tgt Ion:114 Resp: 573356
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.6
88 14.8 0.0 31.2

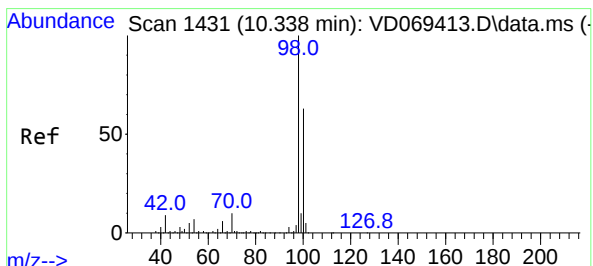
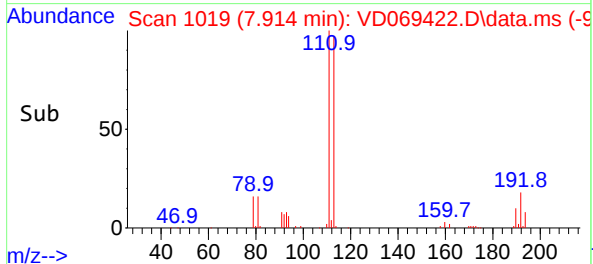
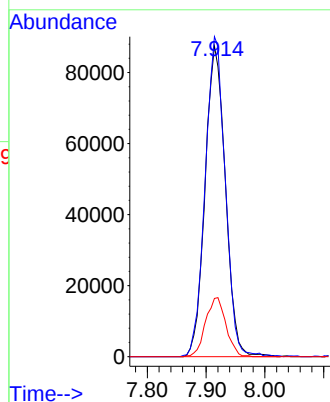
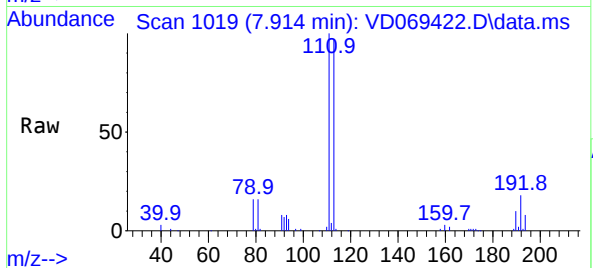




#35
Dibromofluoromethane
Concen: 48.990 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069422.D
Acq: 14 Jun 2021 13:02

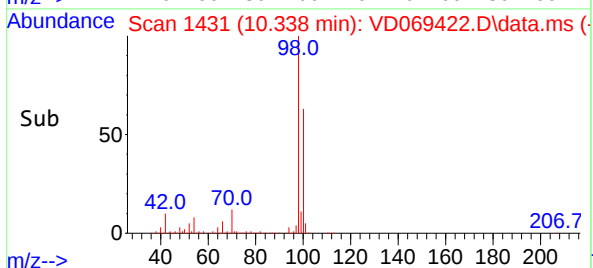
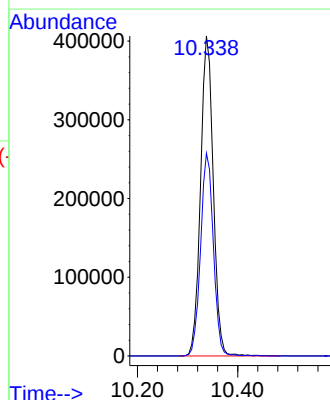
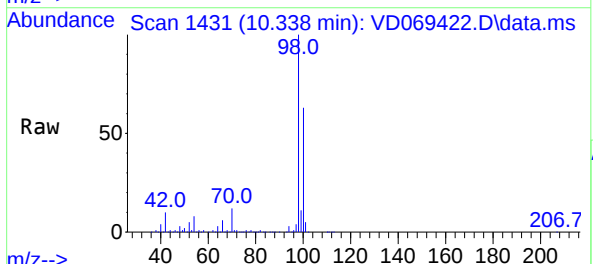
Instrument :
MSVOA_D
ClientSampleId :
DUP-03

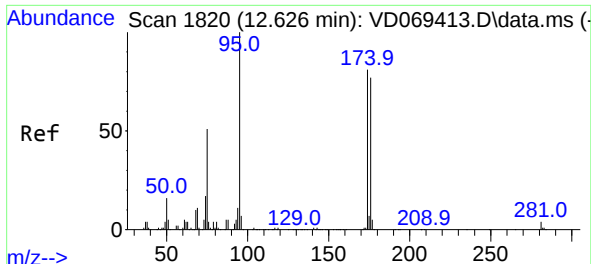
Tgt Ion:113 Resp: 210387
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.6
192 19.1 15.1 22.7



#50
Toluene-d8
Concen: 45.485 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069422.D
Acq: 14 Jun 2021 13:02

Tgt Ion: 98 Resp: 714427
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



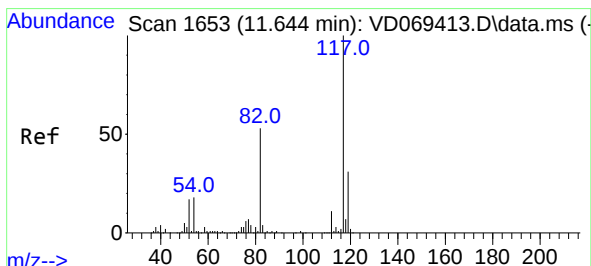
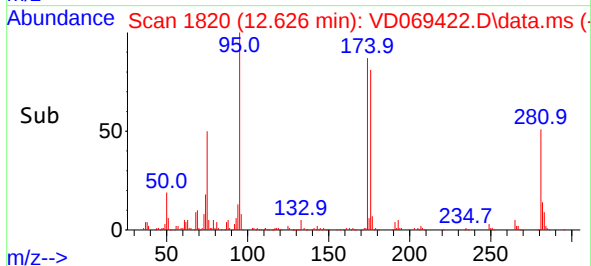
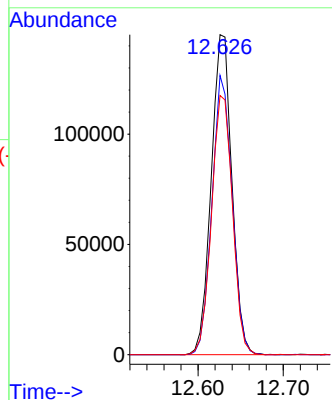
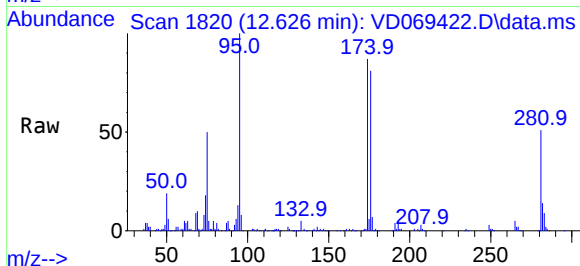


#62
4-Bromofluorobenzene
Concen: 48.662 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069422.D
Acq: 14 Jun 2021 13:02

Instrument :
MSVOA_D
ClientSampleId :
DUP-03

Tgt Ion: 95 Resp: 245244

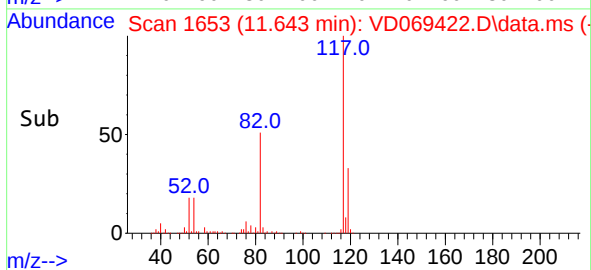
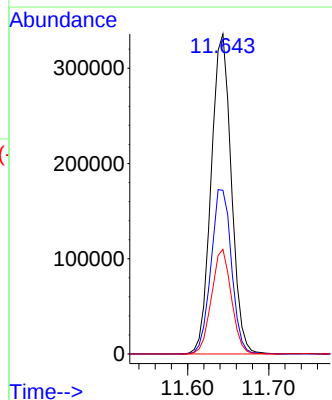
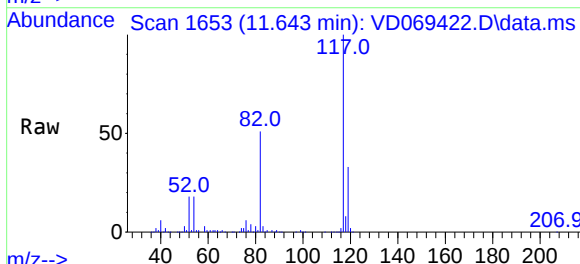
Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	162.8
176	81.9	0.0	154.4

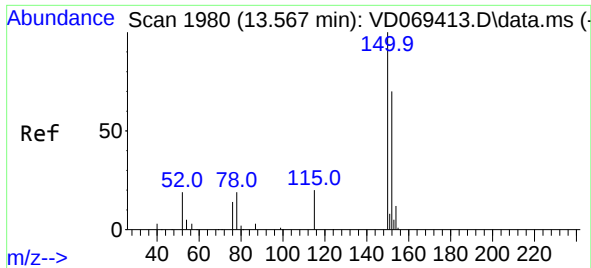


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.001 min
Lab File: VD069422.D
Acq: 14 Jun 2021 13:02

Tgt Ion: 117 Resp: 578931

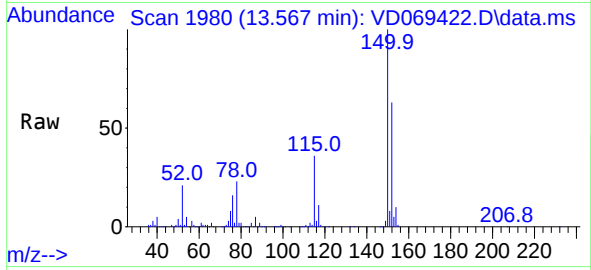
Ion	Ratio	Lower	Upper
117	100		
82	51.2	43.3	64.9
119	32.7	25.3	37.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069422.D
Acq: 14 Jun 2021 13:02

Instrument :
MSVOA_D
ClientSampleId :
DUP-03



Tgt Ion:152 Resp: 265573
Ion Ratio Lower Upper
152 100
115 58.7 29.4 88.3
150 160.5 0.0 355.0

