

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069485.D
 Acq On : 17 Jun 2021 17:44
 Operator : VA/SY
 Sample : M2745-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Jun 18 01:28:10 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)

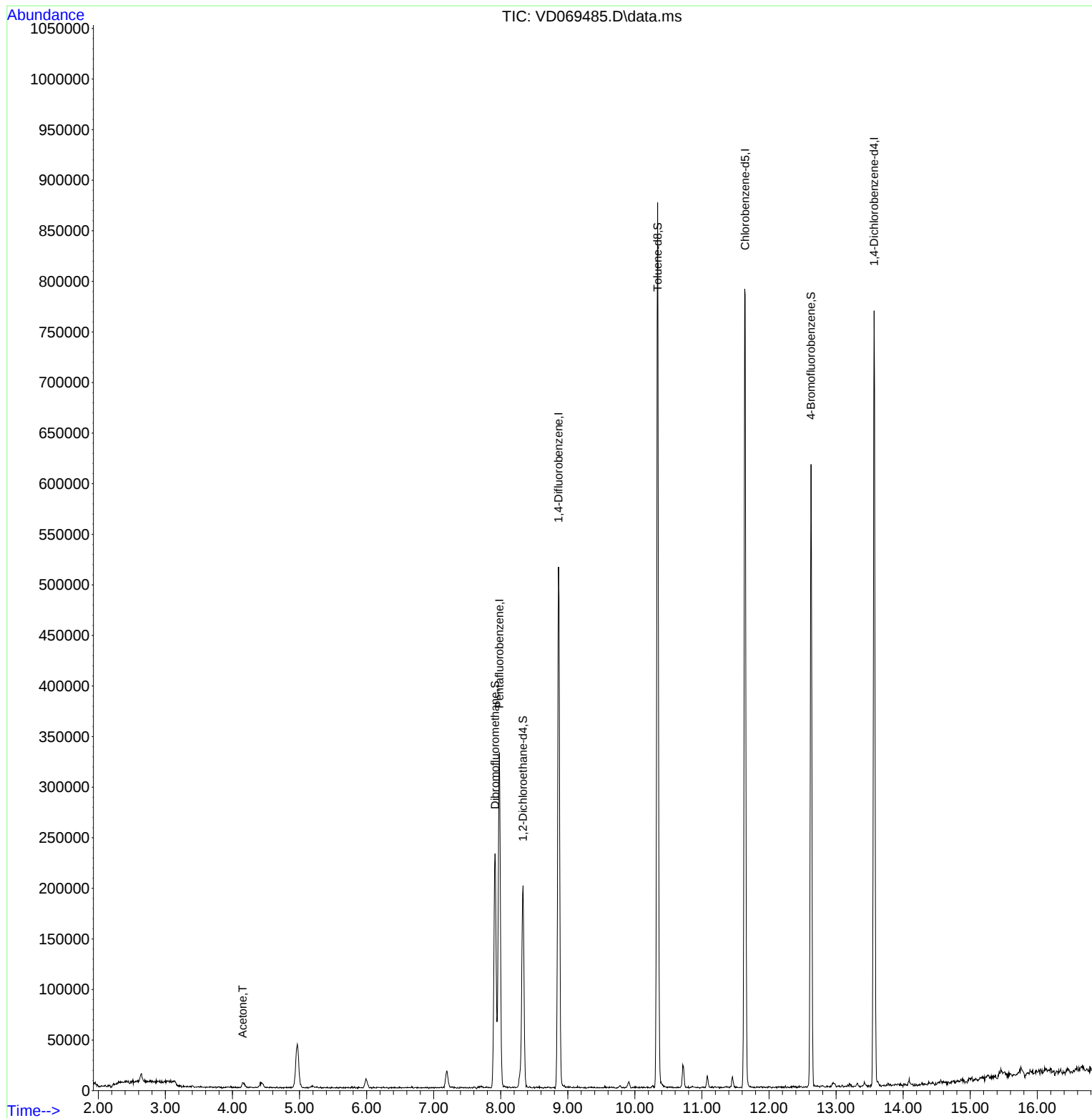
Internal Standards						
1) Pentafluorobenzene	7.979	168	245619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	456415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	481768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	216195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	159334	57.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.000%
35) Dibromofluoromethane	7.914	113	169637	49.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.240%
50) Toluene-d8	10.338	98	592056	47.352	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.700%
62) 4-Bromofluorobenzene	12.626	95	193587	48.254	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.500%
Target Compounds						
16) Acetone	4.150	43	8954	19.522	ug/l	Qvalue 98

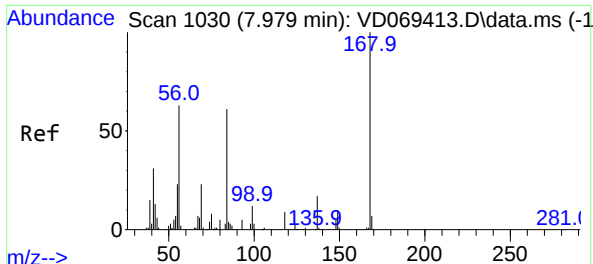
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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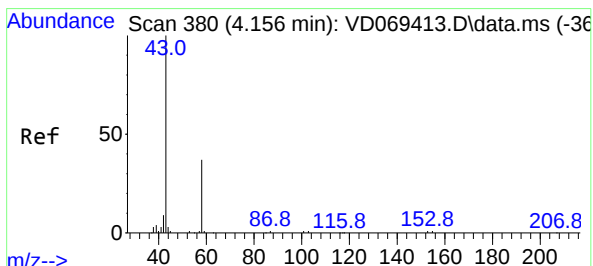
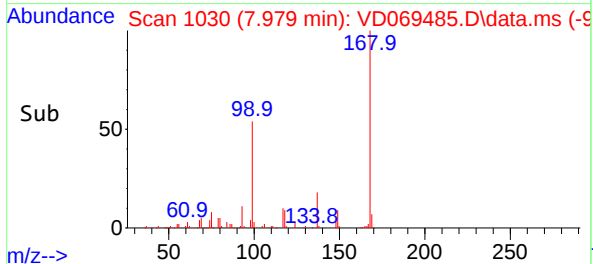
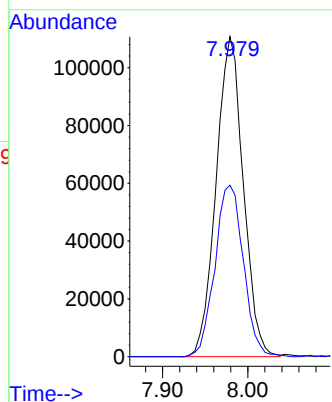
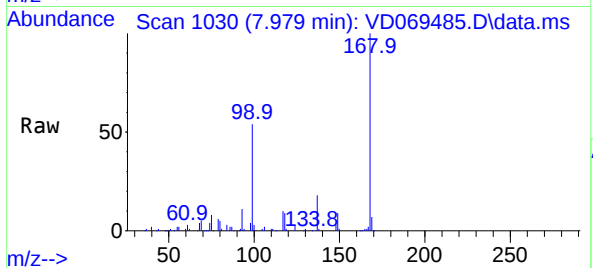




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

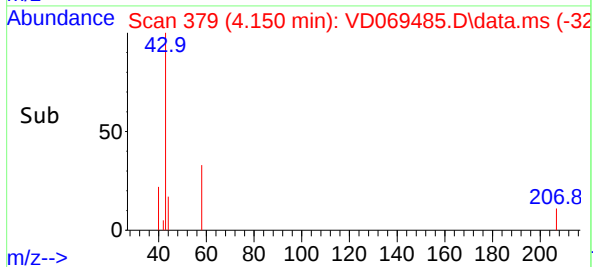
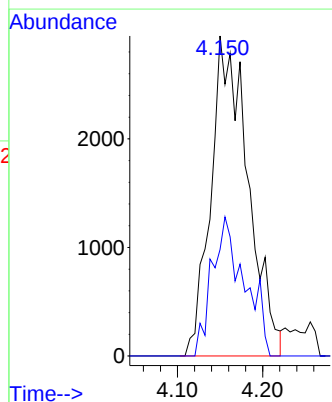
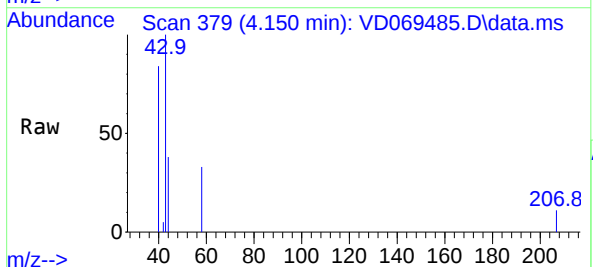
Instrument :
MSVOA_D
ClientSampled :
VOC

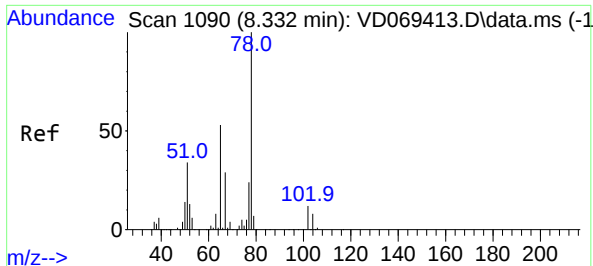
Tgt Ion:168 Resp: 245619
Ion Ratio Lower Upper
168 100
99 53.6 46.2 69.2



#16
Acetone
Concen: 19.522 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

Tgt Ion: 43 Resp: 8954
Ion Ratio Lower Upper
43 100
58 33.2 27.5 41.3

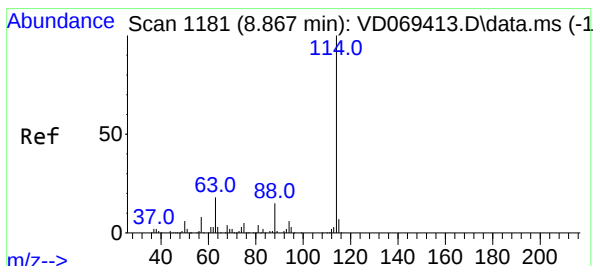
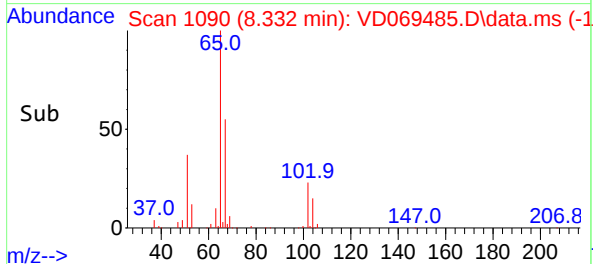
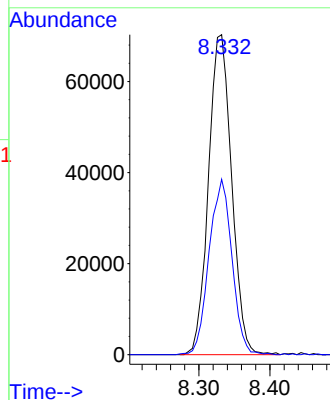
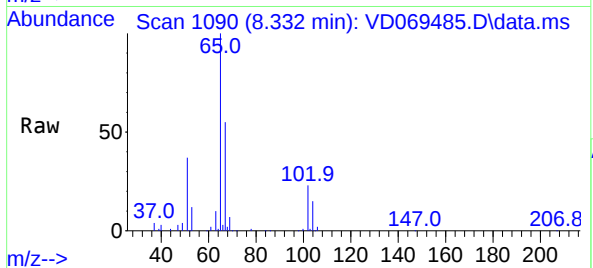




#33
1,2-Dichloroethane-d4
Concen: 57.501 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

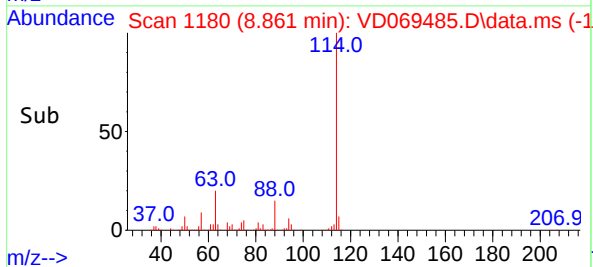
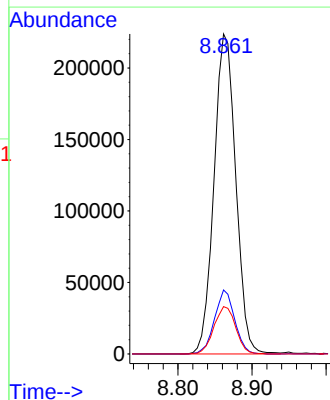
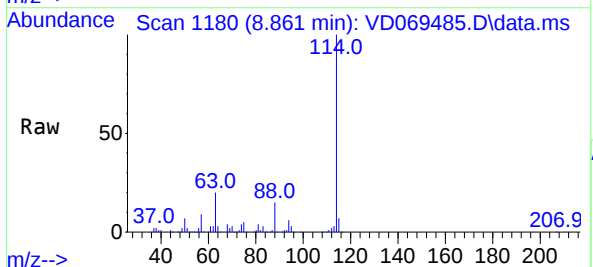
Instrument :
MSVOA_D
ClientSampled :
VOC

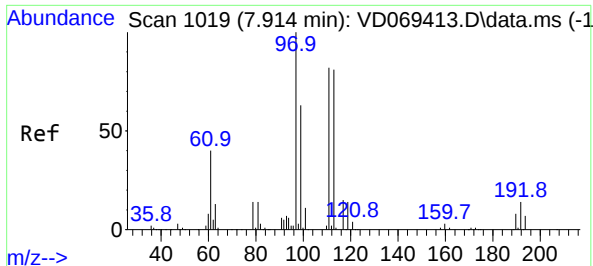
Tgt Ion: 65 Resp: 159334
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

Tgt Ion: 114 Resp: 456415
Ion Ratio Lower Upper
114 100
63 20.0 0.0 35.6
88 14.8 0.0 31.2

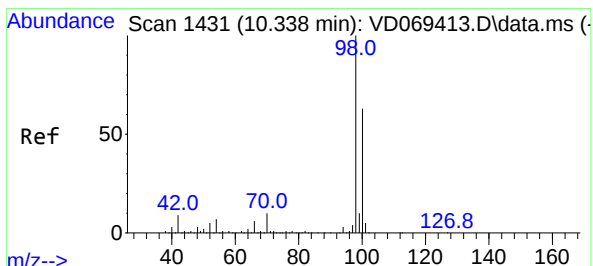
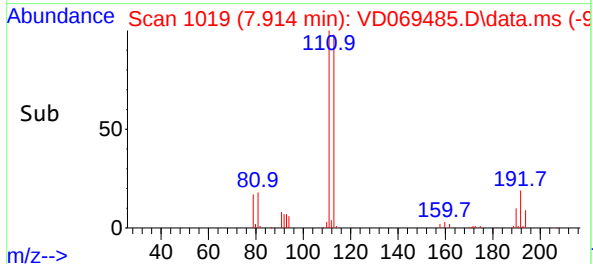
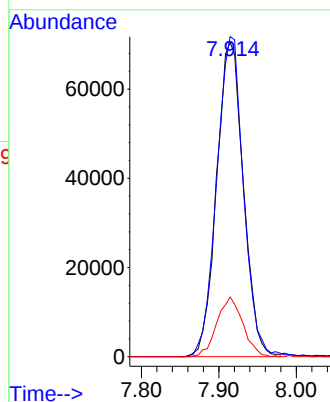
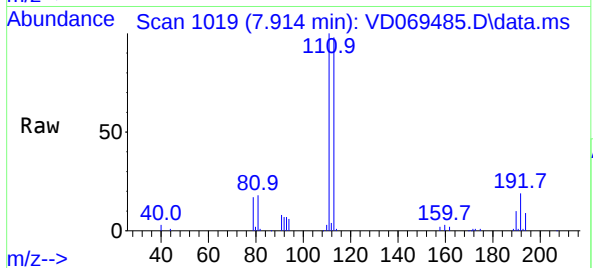




#35
Dibromofluoromethane
Concen: 49.622 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

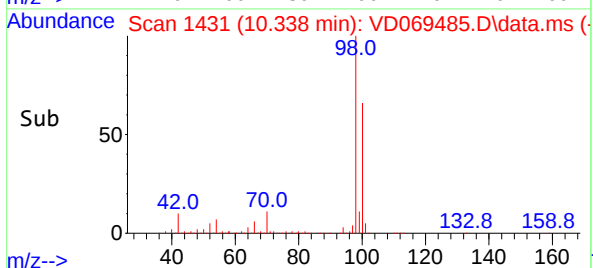
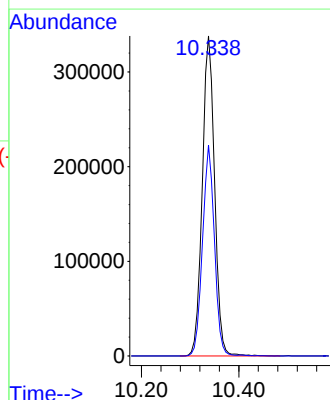
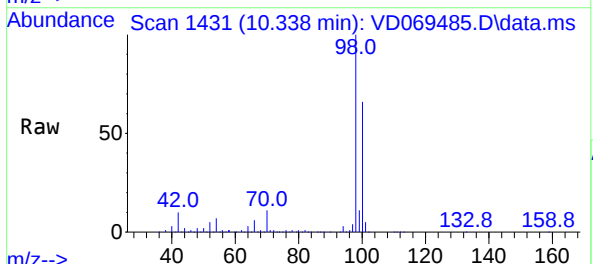
Instrument :
MSVOA_D
ClientSampled :
VOC

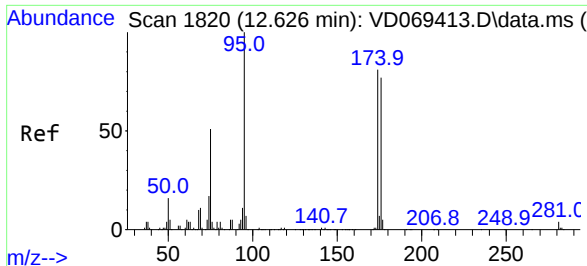
Tgt Ion:113 Resp: 169637
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.6
192 18.4 15.1 22.7



#50
Toluene-d8
Concen: 47.352 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

Tgt Ion: 98 Resp: 592056
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



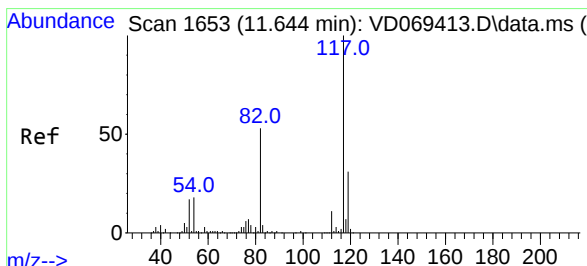
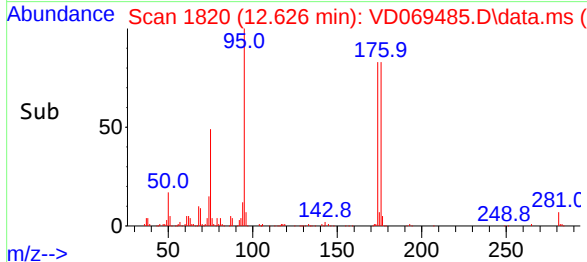
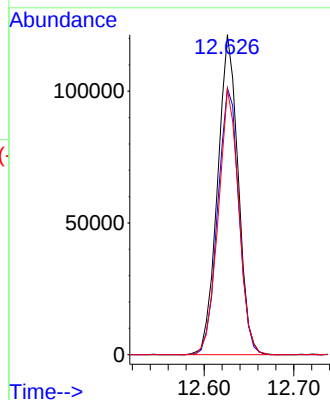
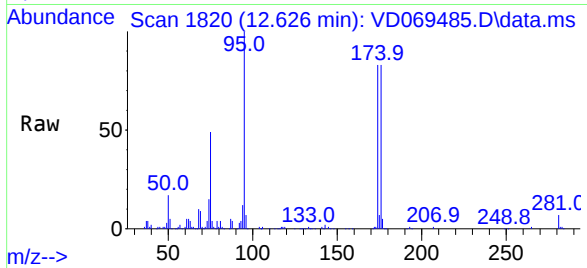


#62
4-Bromofluorobenzene
Concen: 48.254 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

Instrument :
MSVOA_D
ClientSampled :
VOC

Tgt Ion: 95 Resp: 193587

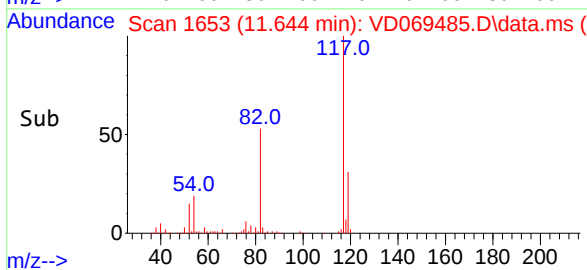
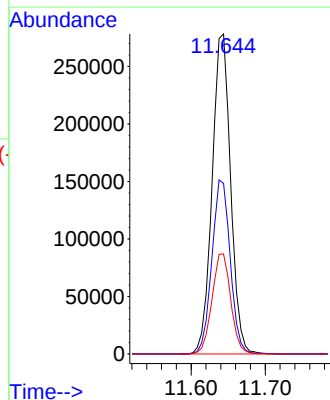
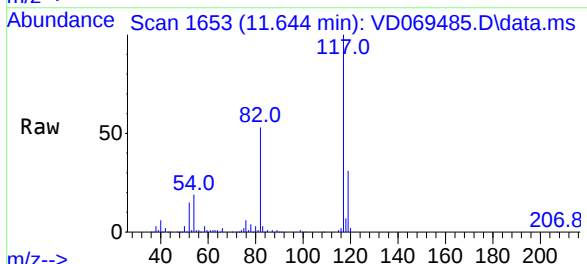
Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	162.8
176	82.5	0.0	154.4

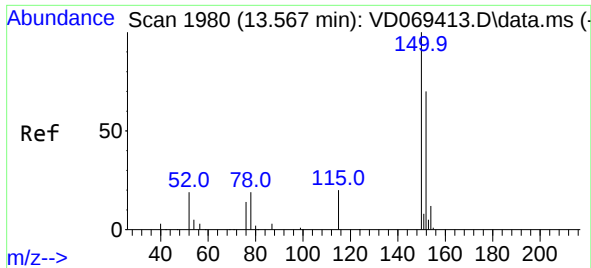


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069485.D
Acq: 17 Jun 2021 17:44

Tgt Ion: 117 Resp: 481768

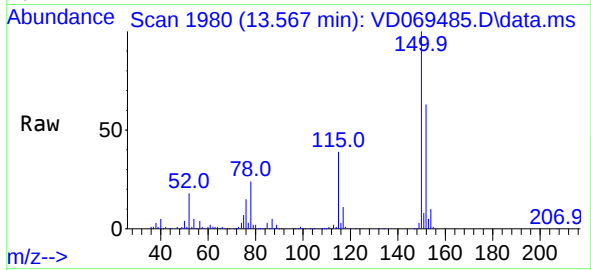
Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.3	64.9
119	31.2	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069485.D
 Acq: 17 Jun 2021 17:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC



Tgt Ion:152 Resp: 216195

Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.4	88.3
150	157.4	0.0	355.0

