

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071421\
 Data File : VD069688.D
 Acq On : 14 Jul 2021 15:17
 Operator : VA/SY
 Sample : M3001-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 N9994

Quant Time: Jul 15 10:02:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

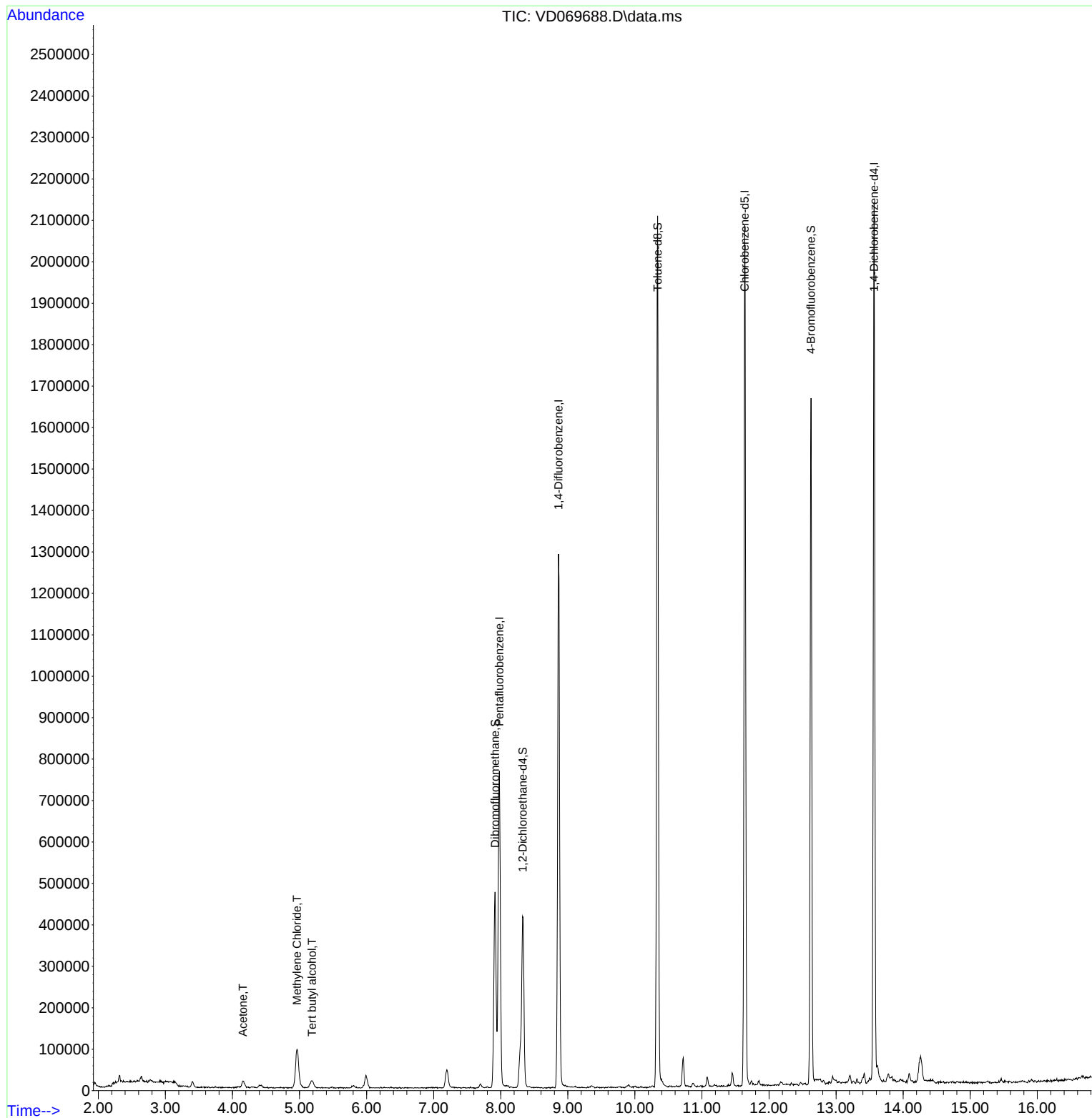
Internal Standards						
1) Pentafluorobenzene	7.979	168	537592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1094672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1192931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	539018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	325031	48.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.840%
35) Dibromofluoromethane	7.914	113	347777	47.356	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.720%
50) Toluene-d8	10.338	98	1435357	50.308	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.620%
62) 4-Bromofluorobenzene	12.626	95	567512	59.641	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.185	59	16816	18.750	ug/l #	79
16) Acetone	4.156	43	29754	32.236	ug/l	94
20) Methylene Chloride	4.962	84	76961	3.611	ug/l	97

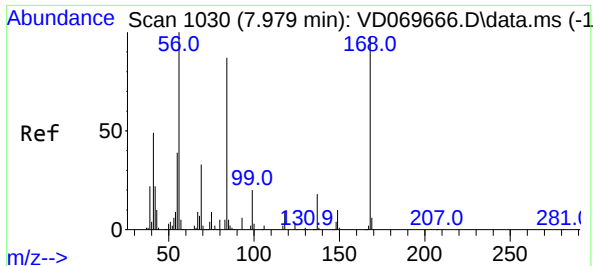
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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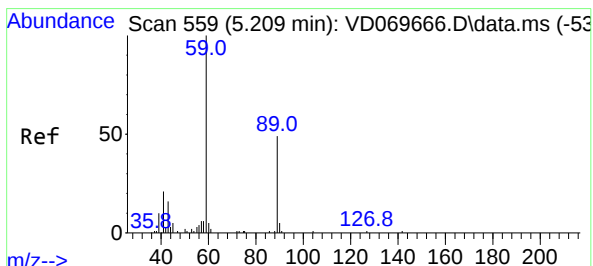
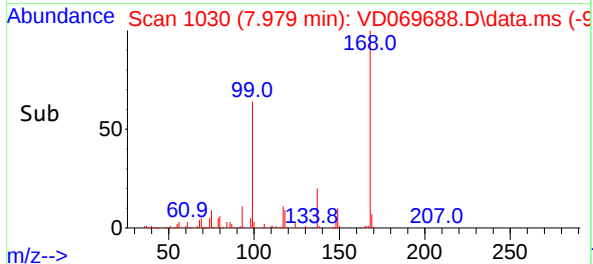
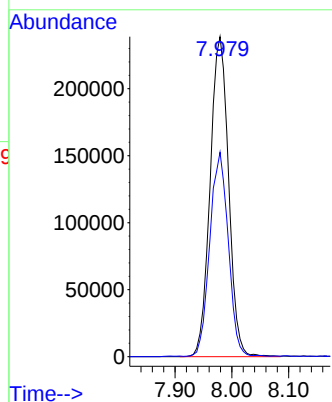
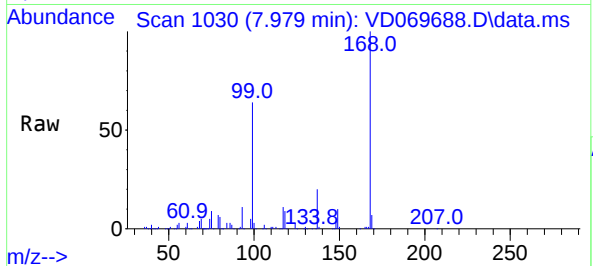




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069688.D
Acq: 14 Jul 2021 15:17

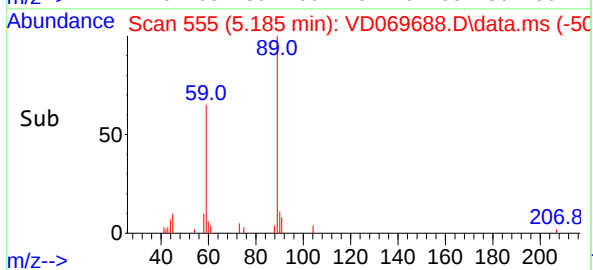
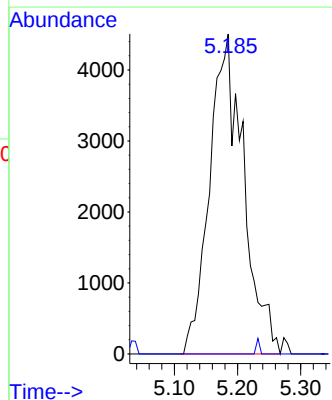
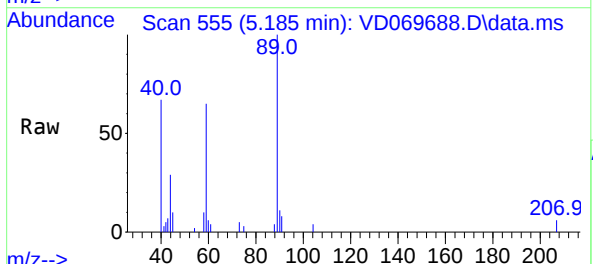
Instrument :
MSVOA_D
ClientSampleId :
N9994

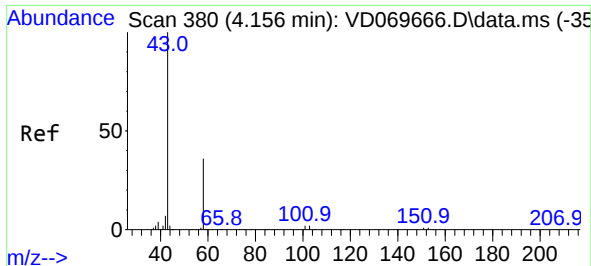
Tgt Ion:168 Resp: 537592
Ion Ratio Lower Upper
168 100
99 63.7 51.8 77.6



#11
Tert butyl alcohol
Concen: 18.750 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.024 min
Lab File: VD069688.D
Acq: 14 Jul 2021 15:17

Tgt Ion: 59 Resp: 16816
Ion Ratio Lower Upper
59 100
57 0.0 5.7 8.5#

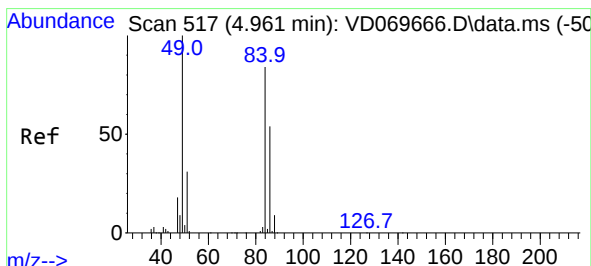
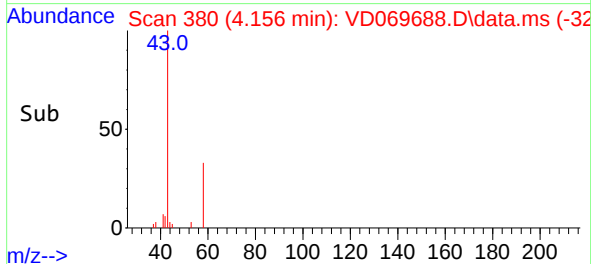
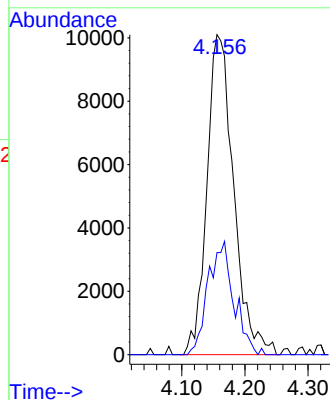
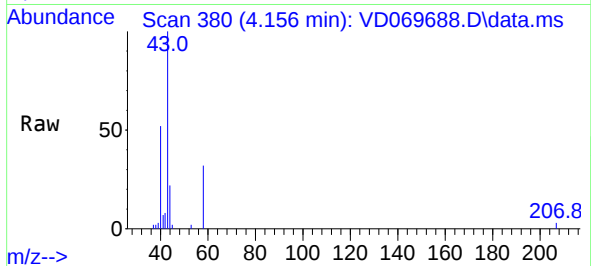




#16
Acetone
Concen: 32.236 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069688.D
Acq: 14 Jul 2021 15:17

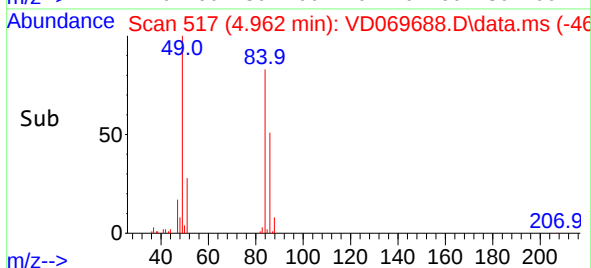
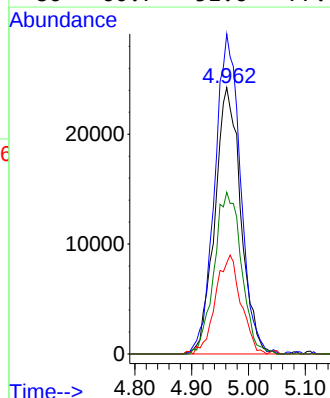
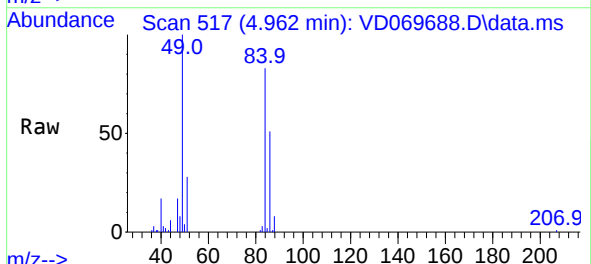
Instrument :
MSVOA_D
ClientSampleId :
N9994

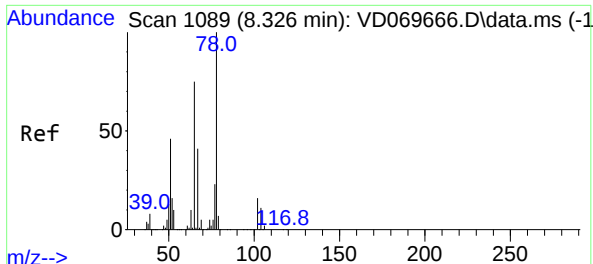
Tgt Ion: 43 Resp: 29754
Ion Ratio Lower Upper
43 100
58 31.9 28.6 42.8



#20
Methylene Chloride
Concen: 3.611 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.001 min
Lab File: VD069688.D
Acq: 14 Jul 2021 15:17

Tgt Ion: 84 Resp: 76961
Ion Ratio Lower Upper
84 100
49 120.1 95.5 143.3
51 34.2 29.7 44.5
86 60.7 51.6 77.4

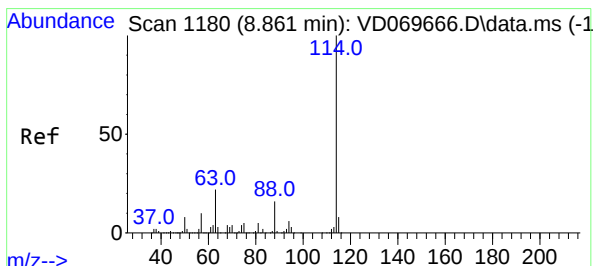
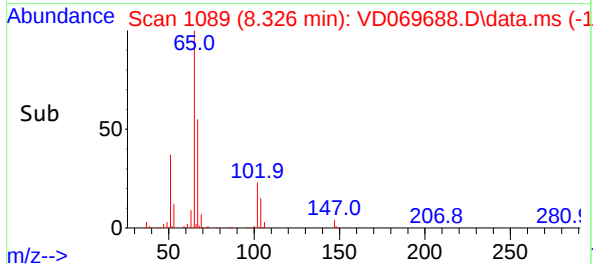
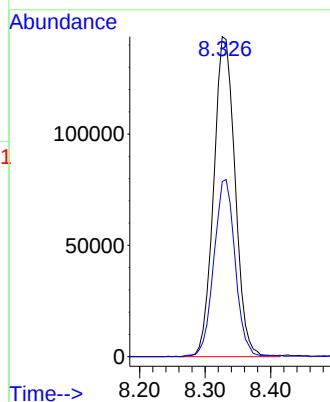
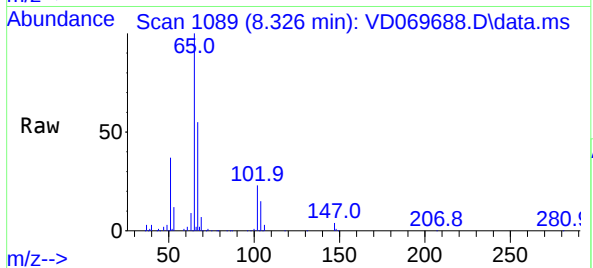




#33
1,2-Dichloroethane-d4
Concen: 48.422 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069688.D
Acq: 14 Jul 2021 15:17

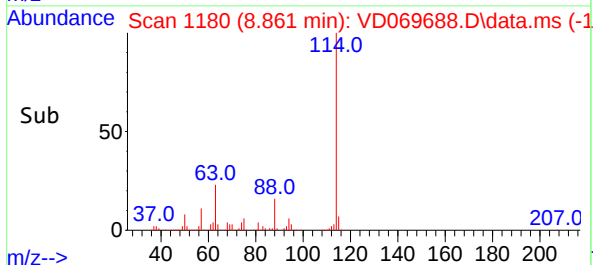
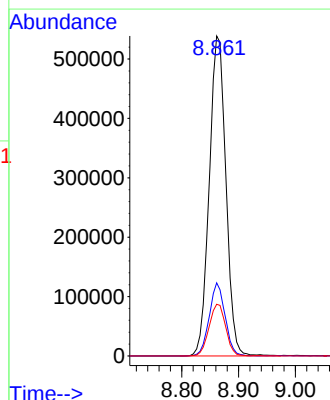
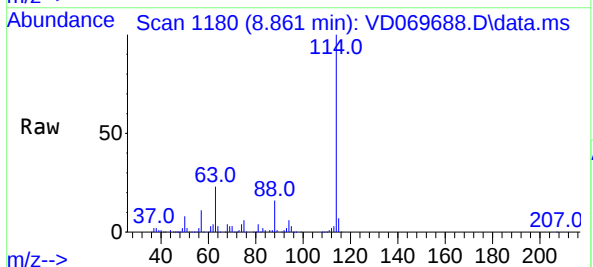
Instrument :
MSVOA_D
ClientSampleId :
N9994

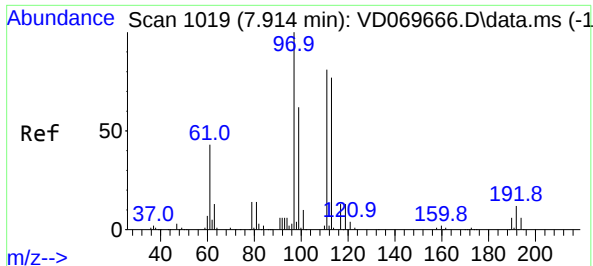
Tgt Ion: 65 Resp: 325031
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069688.D
Acq: 14 Jul 2021 15:17

Tgt Ion:114 Resp: 1094672
Ion Ratio Lower Upper
114 100
63 22.9 0.0 43.4
88 16.2 0.0 32.0



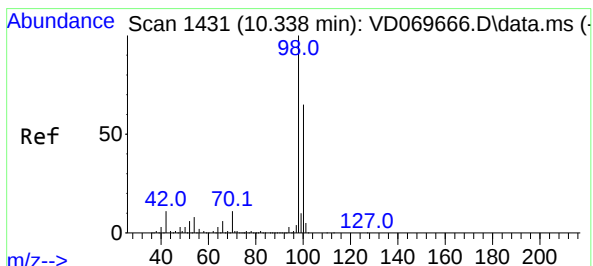
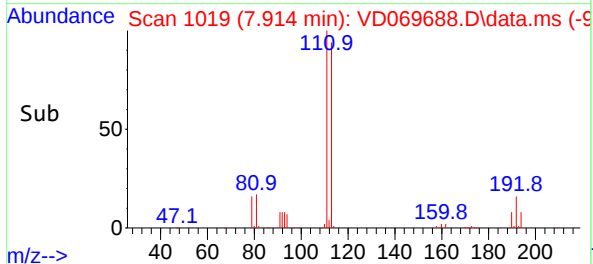
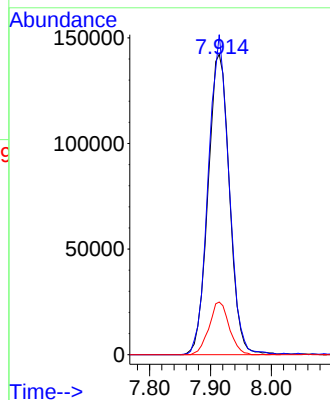
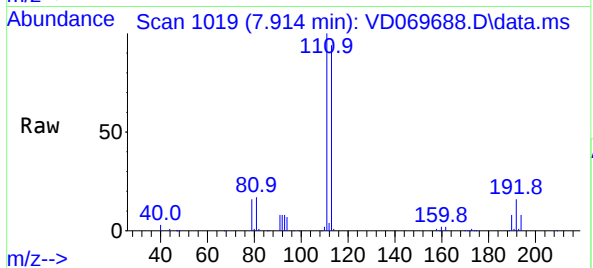


#35

Dibromofluoromethane
Concen: 47.356 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069688.D
Acq: 14 Jul 2021 15:17

Instrument :
MSVOA_D
ClientSampleId :
N9994

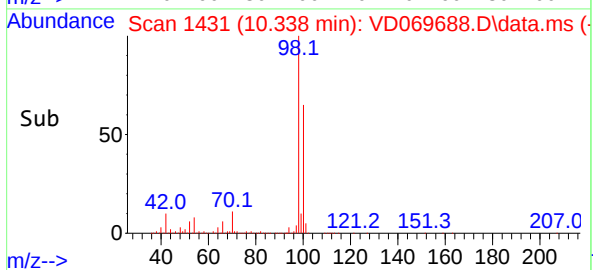
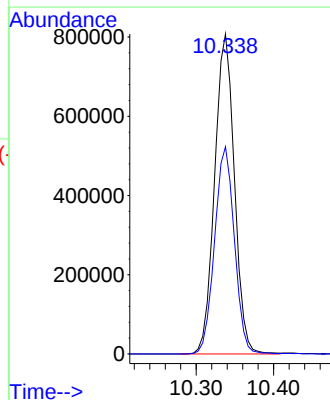
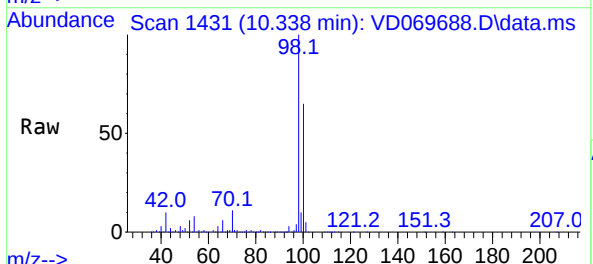
Tgt Ion:113 Resp: 347777
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 16.5 12.7 19.1

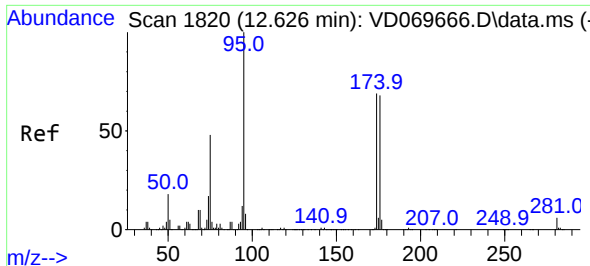


#50

Toluene-d8
Concen: 50.308 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069688.D
Acq: 14 Jul 2021 15:17

Tgt Ion: 98 Resp: 1435357
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2

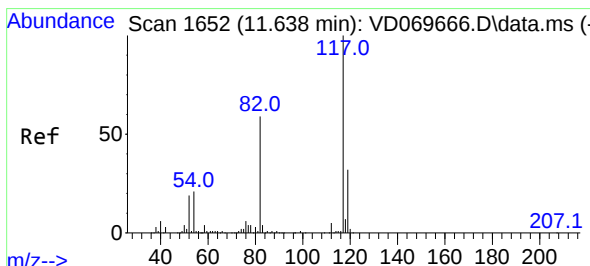
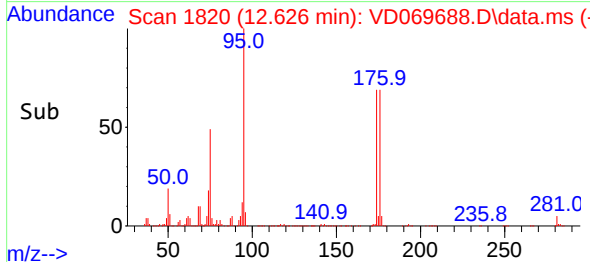
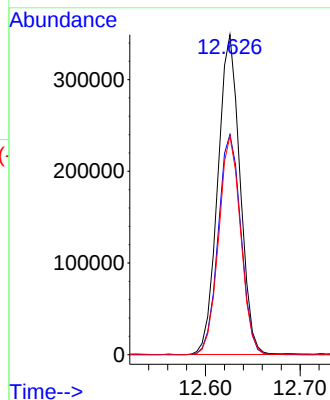
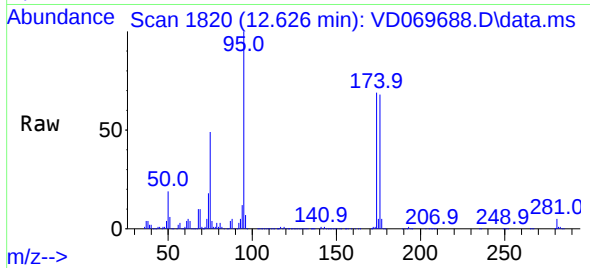




#62
4-Bromofluorobenzene
Concen: 59.641 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069688.D
Acq: 14 Jul 2021 15:17

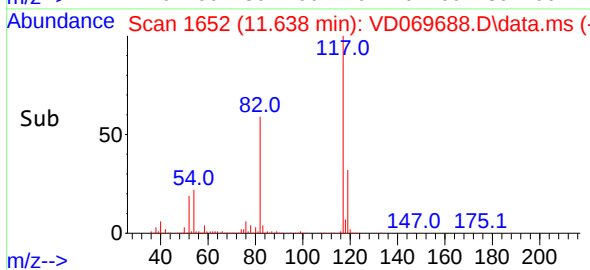
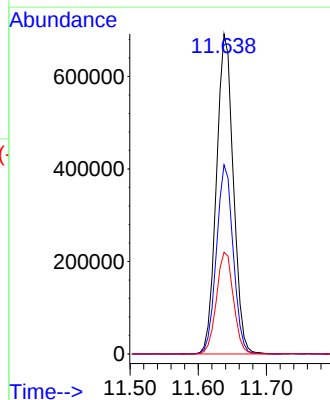
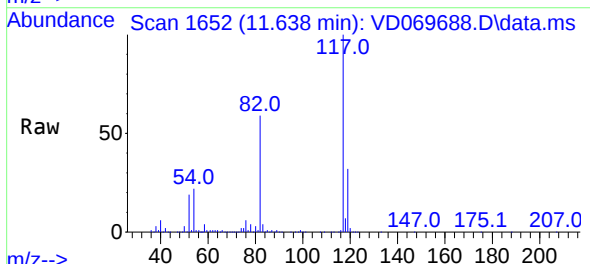
Instrument :
MSVOA_D
ClientSampleId :
N9994

Tgt Ion: 95 Resp: 567512
Ion Ratio Lower Upper
95 100
174 70.6 0.0 140.0
176 67.8 0.0 136.2

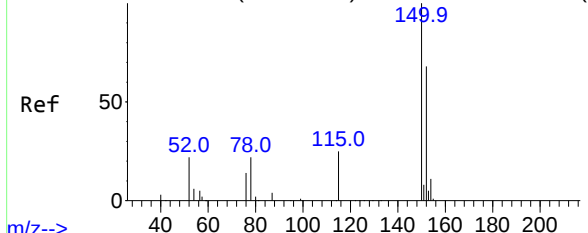


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069688.D
Acq: 14 Jul 2021 15:17

Tgt Ion: 117 Resp: 1192931
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 31.8 25.5 38.3



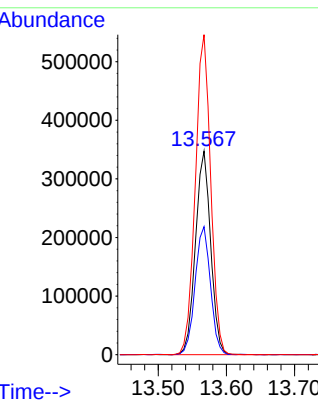
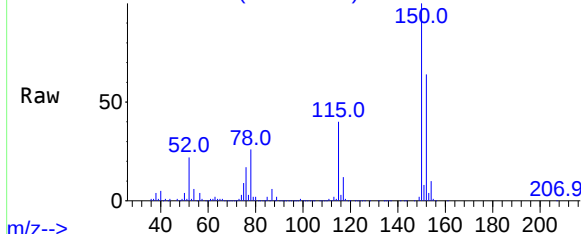
Abundance Scan 1980 (13.567 min): VD069666.D\data.ms (-



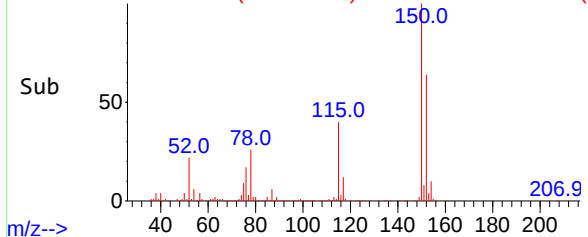
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069688.D
Acq: 14 Jul 2021 15:17

Tgt Ion:	152	Resp:	539018
Ion	Ratio	Lower	Upper
152	100		
115	63.5	31.7	95.1
150	158.8	0.0	350.4

Abundance Scan 1980 (13.567 min): VD069688.D\data.ms (-



Abundance Scan 1980 (13.567 min): VD069688.D\data.ms (-



Instrument :
MSVOA_D
ClientSampleId :
N9994