

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
 Data File : VD068018.D
 Acq On : 06 Jan 2021 17:17
 Operator : VA/SY
 Sample : M1025-01
 Misc : 8.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-010621

Quant Time: Jan 07 00:11:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

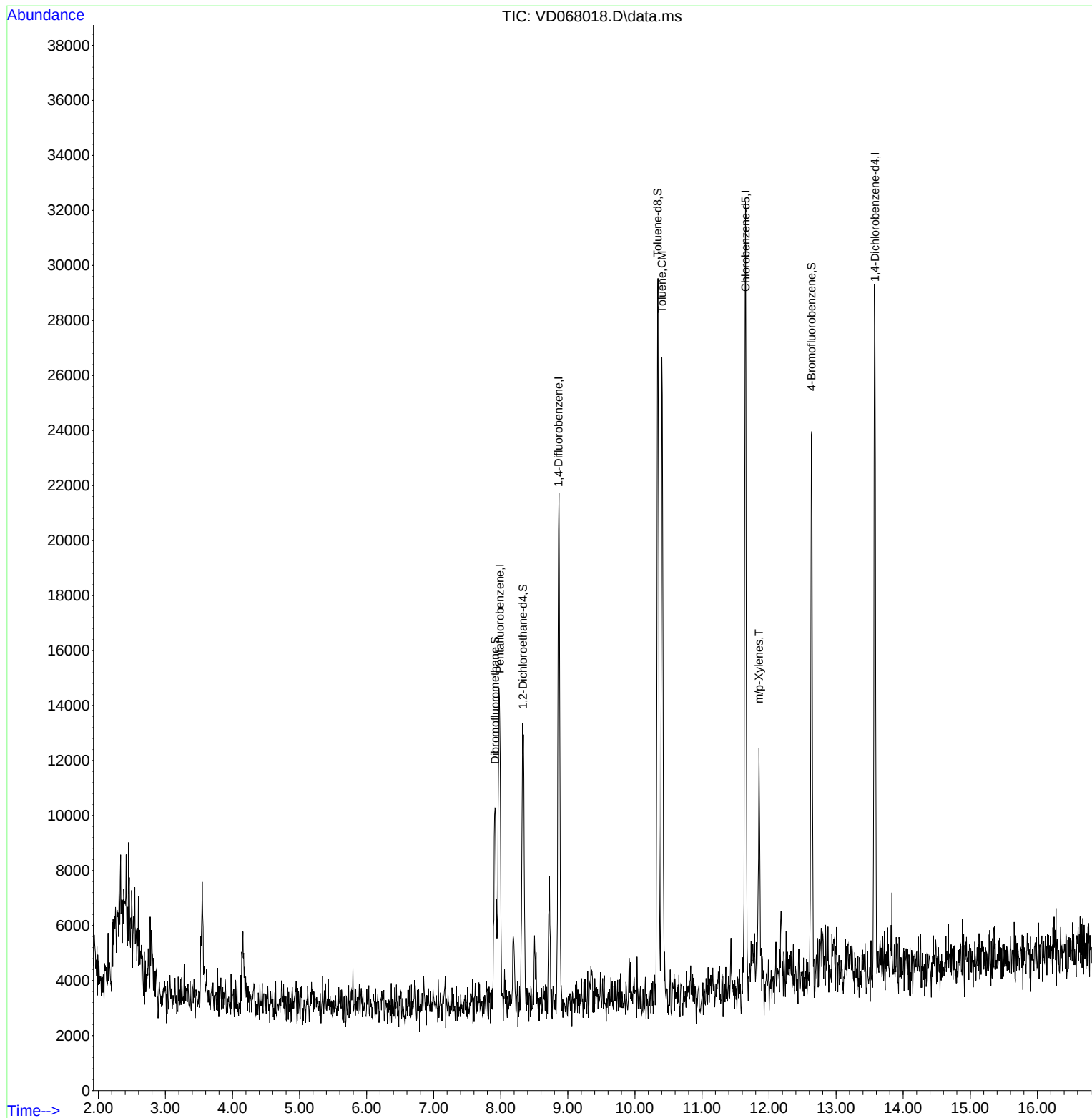
Internal Standards						
1) Pentafluorobenzene	7.985	168	7745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	15147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	15411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	6743	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	8647	103.39	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	206.78%#
35) Dibromofluoromethane	7.914	113	5899	61.81	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.62%
50) Toluene-d8	10.338	98	17979	50.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.24%
62) 4-Bromofluorobenzene	12.632	95	6633	54.05	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.10%
Target Compounds						
52) Toluene	10.402	92	10111	35.07	ug/l	94
68) m/p-Xylenes	11.849	106	1659	7.34	ug/l #	71

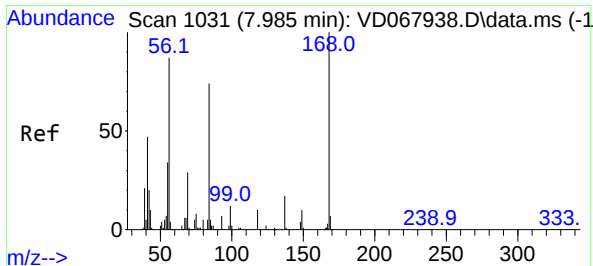
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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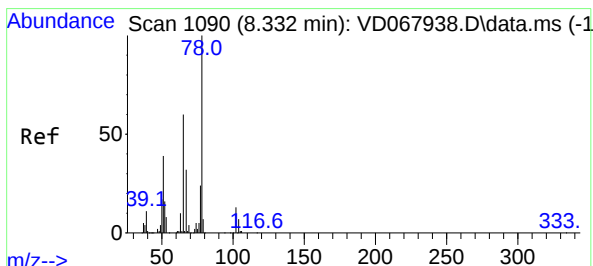
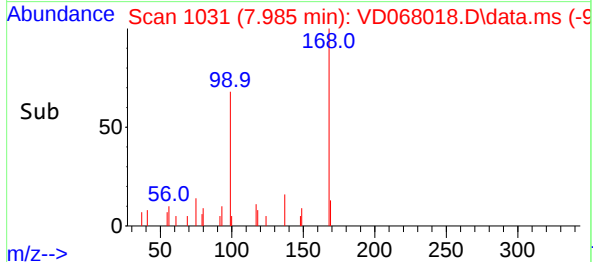
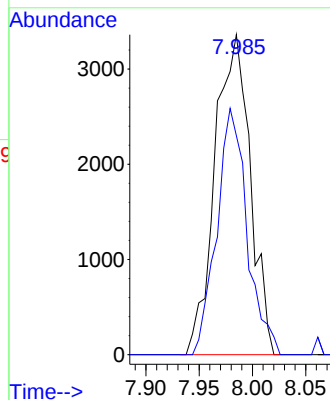
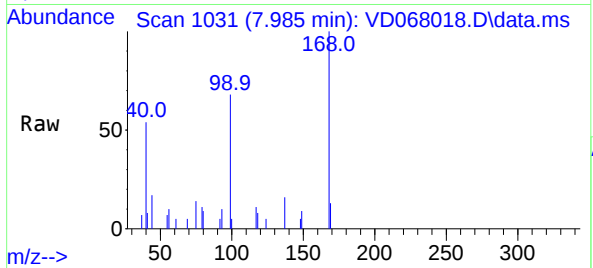




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068018.D
Acq: 06 Jan 2021 17:17

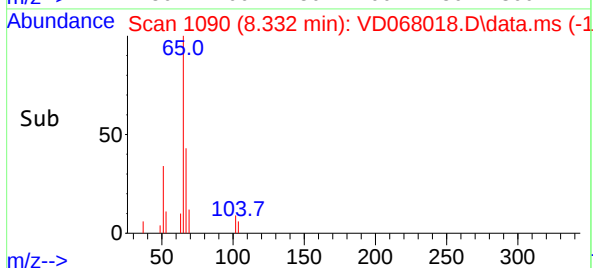
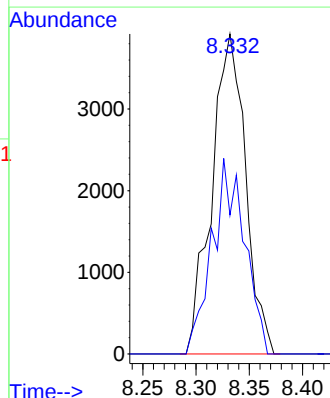
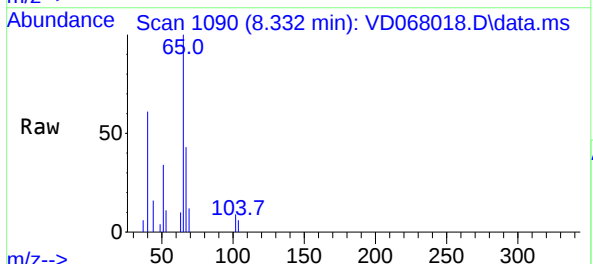
Instrument :
MSVOA_D
ClientSampleId :
HD-01-010621

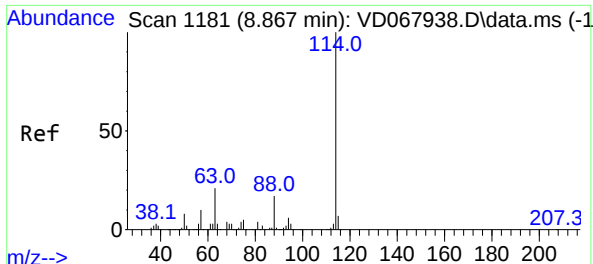
Tgt Ion:168 Resp: 7745
Ion Ratio Lower Upper
168 100
99 68.4 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 103.39 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068018.D
Acq: 06 Jan 2021 17:17

Tgt Ion: 65 Resp: 8647
Ion Ratio Lower Upper
65 100
67 58.5 0.0 110.0



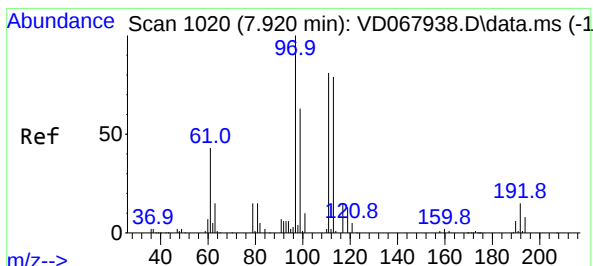
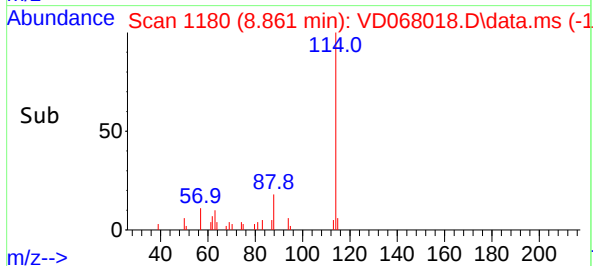
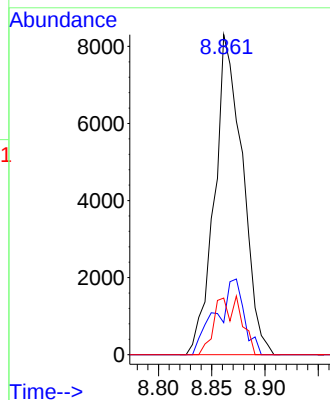
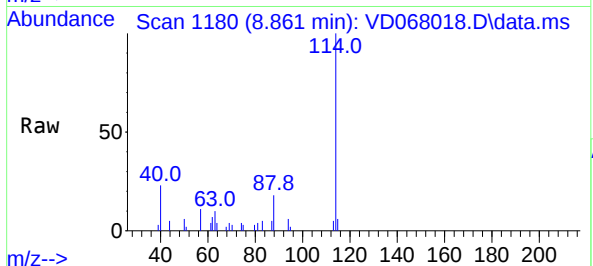


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068018.D
Acq: 06 Jan 2021 17:17

Instrument :
MSVOA_D
ClientSampleId :
HD-01-010621

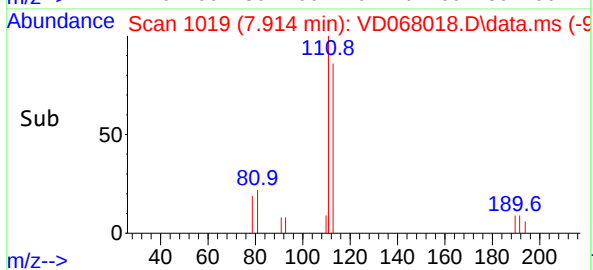
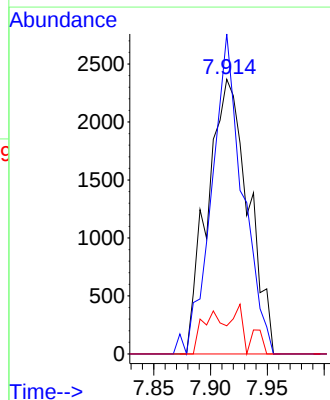
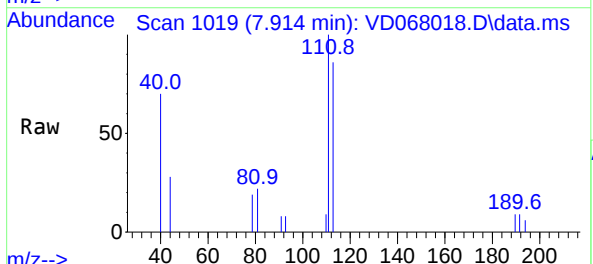
Tgt Ion:	114	Resp:	15147
Ion Ratio	Lower	Upper	
114	100		
63	10.0	0.0	41.4
88	17.7	0.0	33.2

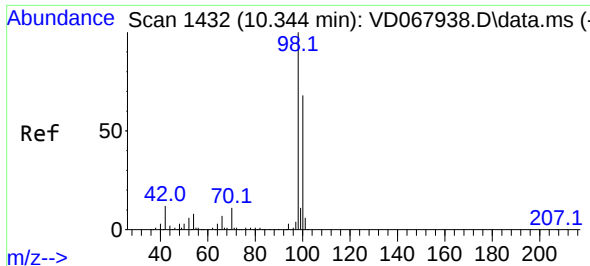


#35

Dibromofluoromethane
Concen: 61.81 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068018.D
Acq: 06 Jan 2021 17:17

Tgt Ion:	113	Resp:	5899
Ion Ratio	Lower	Upper	
113	100		
111	89.0	79.3	118.9
192	8.6	14.5	21.7#

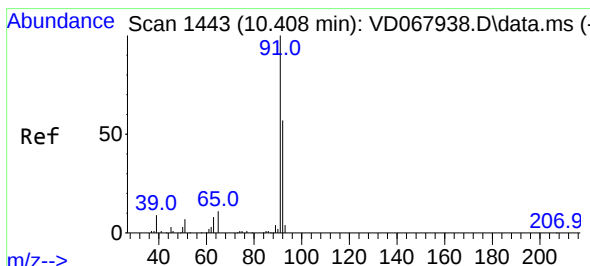
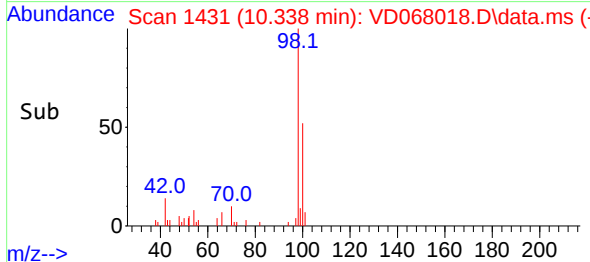
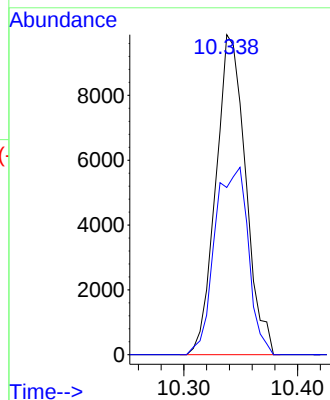
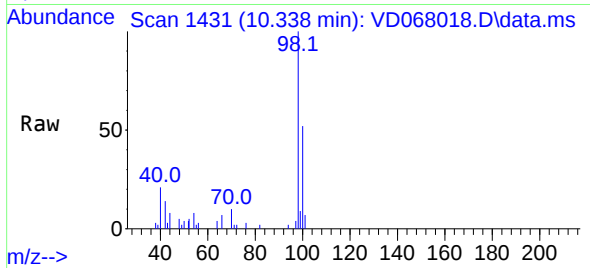




#50
Toluene-d8
Concen: 50.12 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068018.D
Acq: 06 Jan 2021 17:17

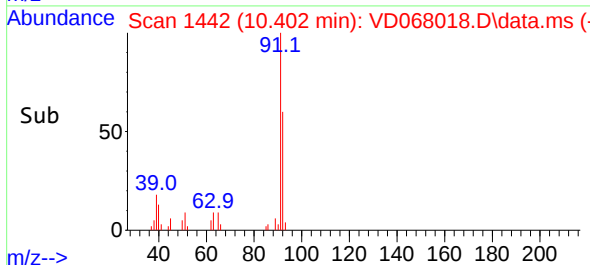
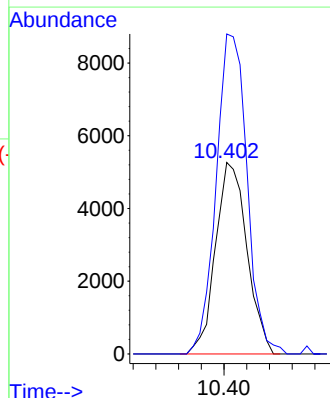
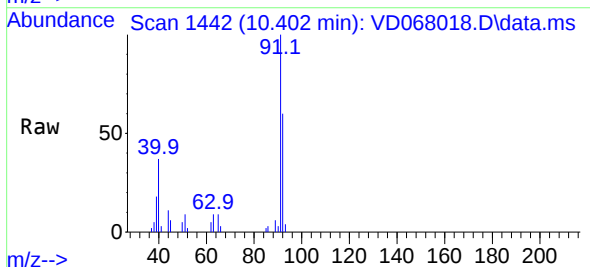
Instrument :
MSVOA_D
ClientSampleId :
HD-01-010621

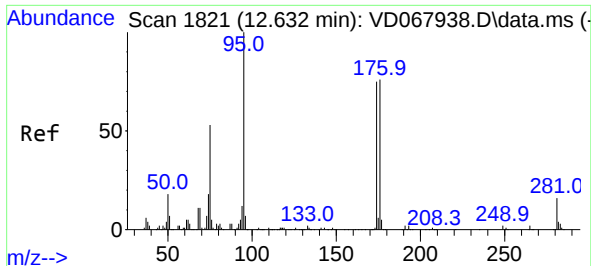
Tgt Ion: 98 Resp: 17979
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#52
Toluene
Concen: 35.07 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068018.D
Acq: 06 Jan 2021 17:17

Tgt Ion: 92 Resp: 10111
Ion Ratio Lower Upper
92 100
91 164.2 138.5 207.7

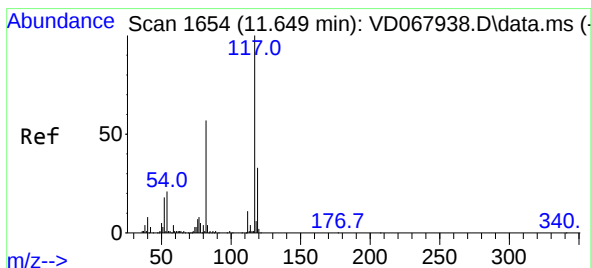
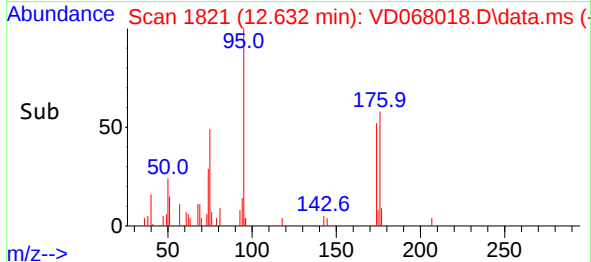
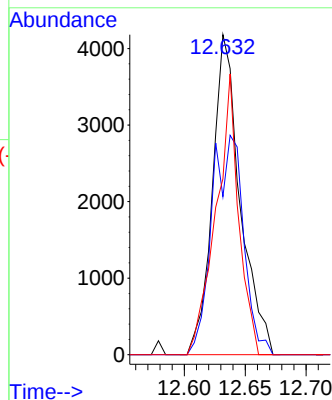
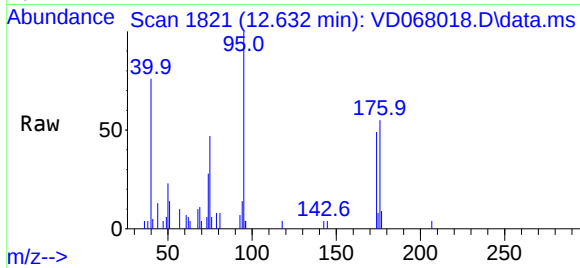




#62
4-Bromofluorobenzene
Concen: 54.05 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068018.D
Acq: 06 Jan 2021 17:17

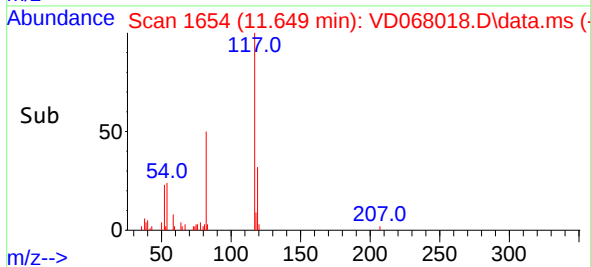
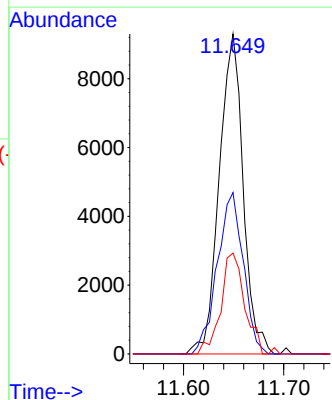
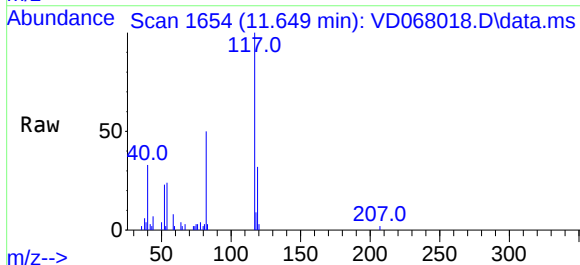
Instrument :
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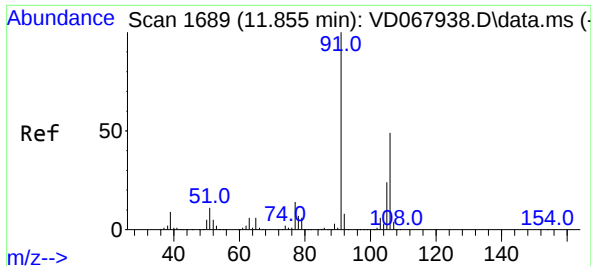
Tgt Ion:	95	Resp:	6633
Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	150.6
176	71.4	0.0	151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068018.D
Acq: 06 Jan 2021 17:17

Tgt Ion:	117	Resp:	15411
Ion	Ratio	Lower	Upper
117	100		
82	50.5	45.4	68.0
119	31.6	26.7	40.1

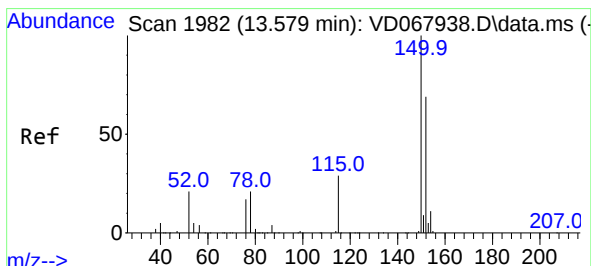
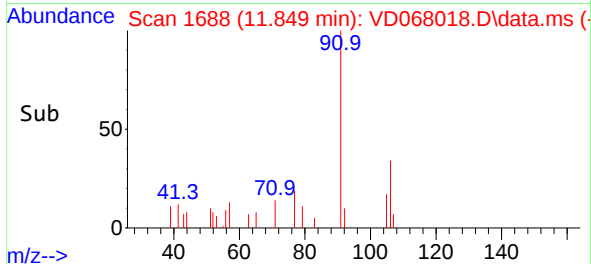
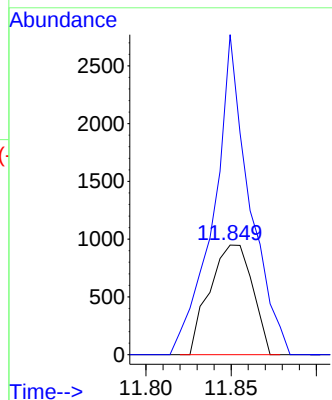
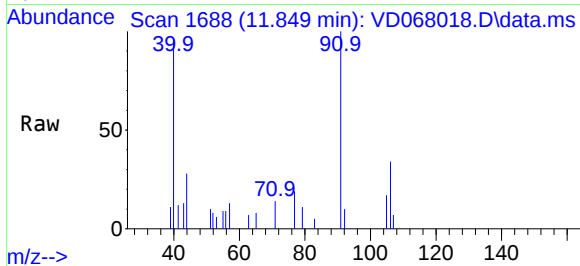




#68
m/p-Xylenes
Concen: 7.34 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068018.D
Acq: 06 Jan 2021 17:17

Instrument :
MSVOA_D
ClientSampleId :
HD-01-010621

Tgt Ion:106 Resp: 1659
Ion Ratio Lower Upper
106 100
91 244.2 159.9 239.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068018.D
Acq: 06 Jan 2021 17:17

Tgt Ion:152 Resp: 6743
Ion Ratio Lower Upper
152 100
115 62.7 29.3 88.0
150 147.3 0.0 340.0

