

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
 Data File : VD069005.D
 Acq On : 28 Apr 2021 15:40
 Operator : VA/SY
 Sample : M2188-01
 Misc : 6.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9A-8-COMP

Quant Time: Apr 29 06:32:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

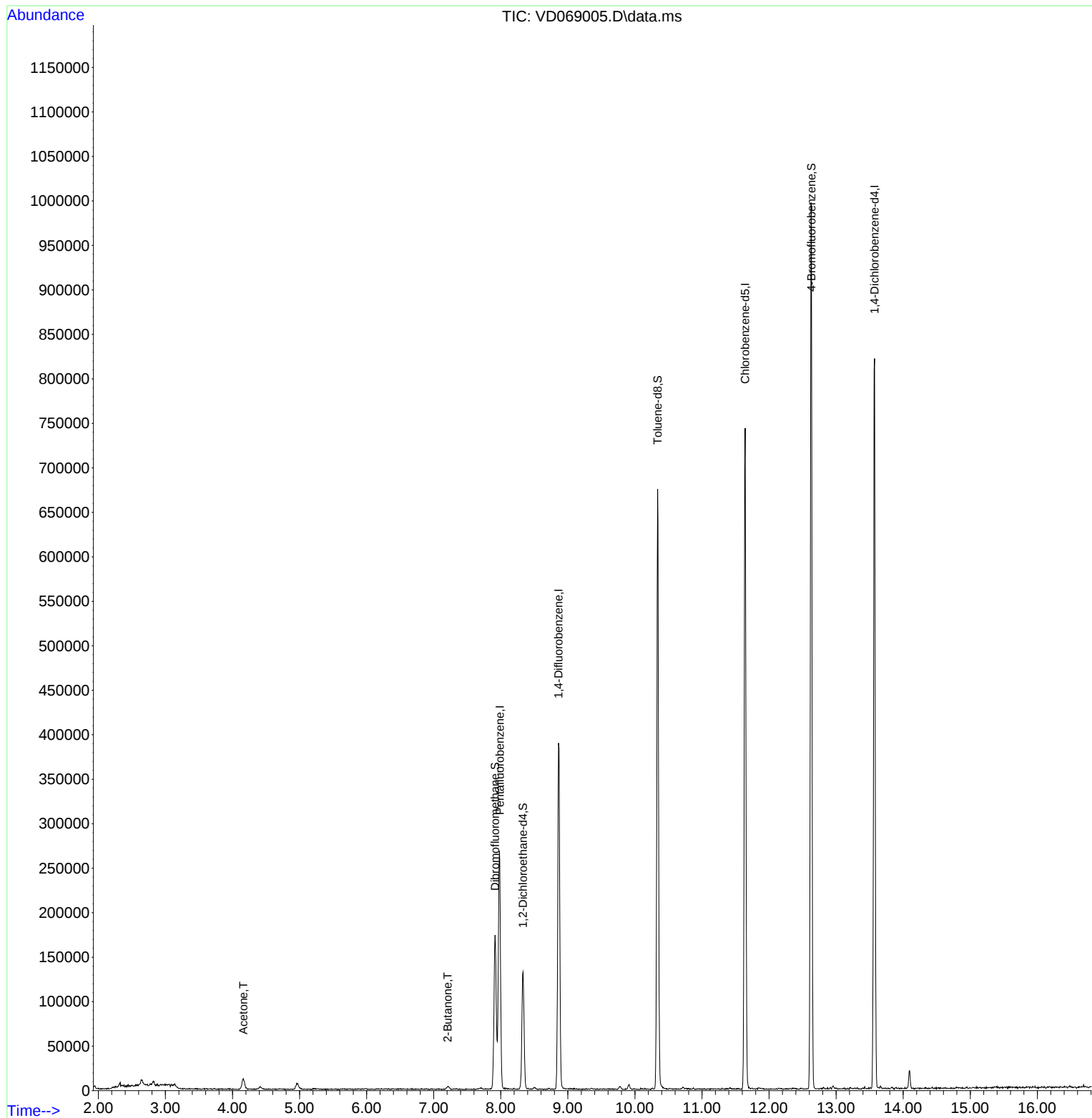
Internal Standards						
1) Pentafluorobenzene	7.985	168	206250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	366198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	461161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	232746	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	106120	48.68	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.36%
35) Dibromofluoromethane	7.914	113	126260	53.01	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.02%
50) Toluene-d8	10.338	98	469922	52.30	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.60%
62) 4-Bromofluorobenzene	12.632	95	217786	72.98	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	145.96%#
Target Compounds						
16) Acetone	4.162	43	20262	67.13	ug/l	89
25) 2-Butanone	7.208	43	4266	9.99	ug/l #	87

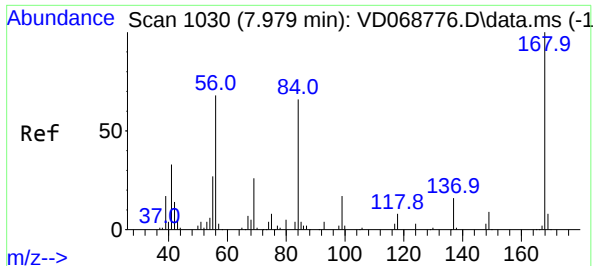
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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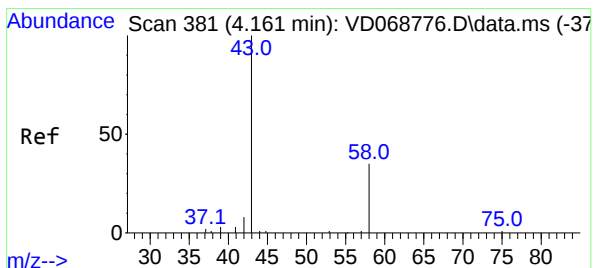
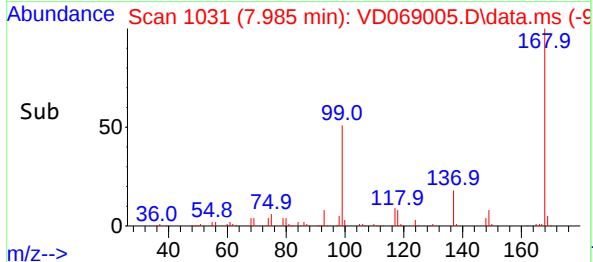
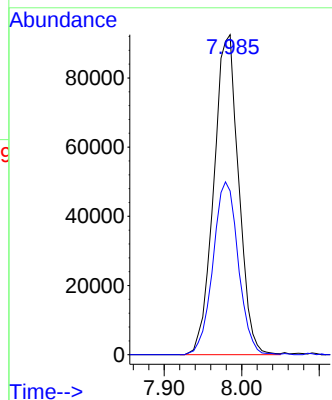
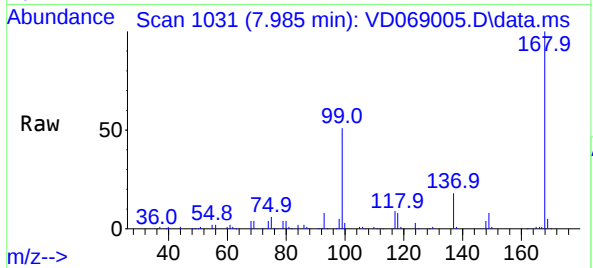




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

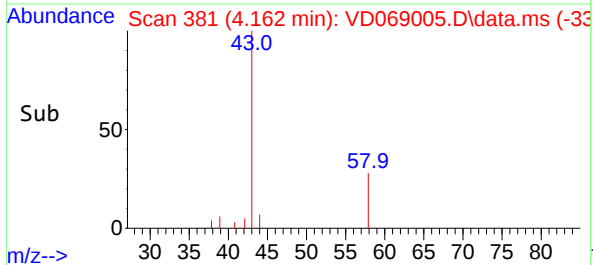
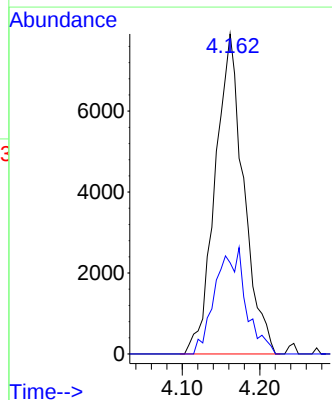
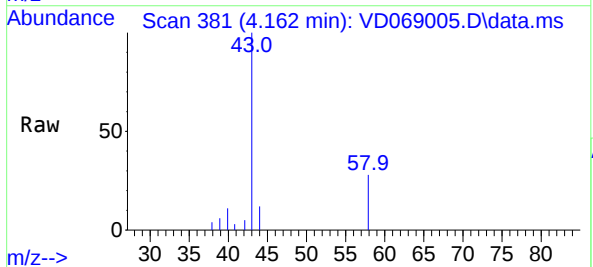
Instrument :
MSVOA_D
ClientSampleId :
TP-9A-8-COMP

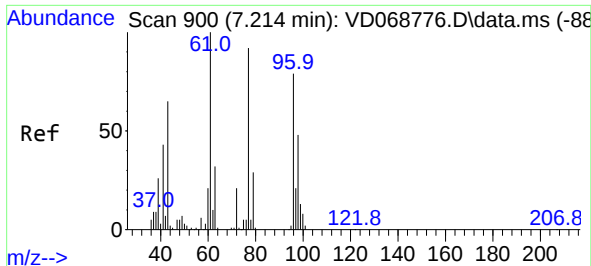
Tgt Ion:168 Resp: 206250
Ion Ratio Lower Upper
168 100
99 51.2 46.2 69.2



#16
Acetone
Concen: 67.13 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Tgt Ion: 43 Resp: 20262
Ion Ratio Lower Upper
43 100
58 28.5 28.0 42.0

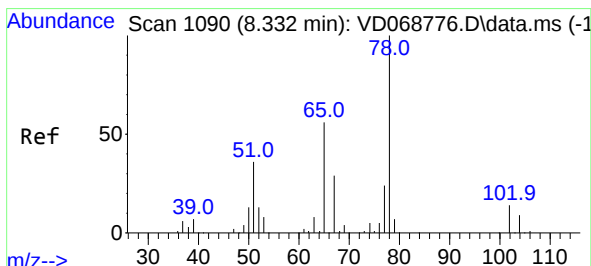
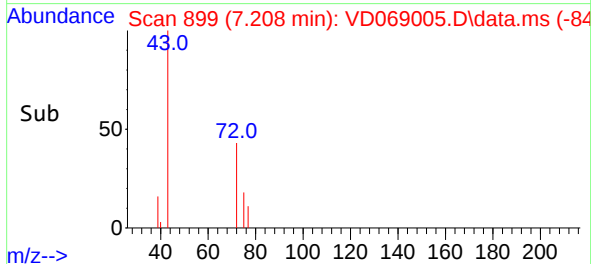
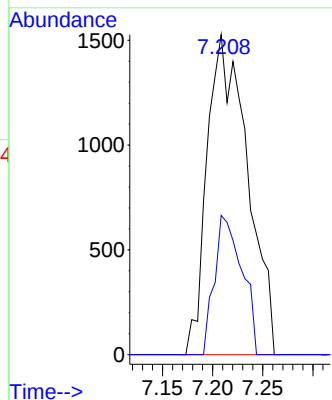
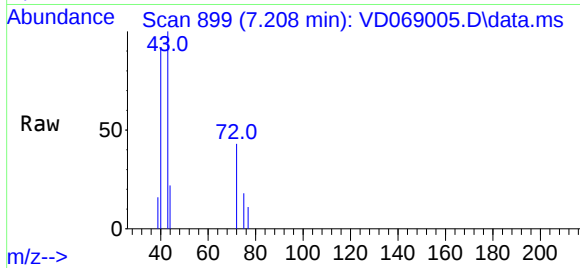




#25
2-Butanone
Concen: 9.99 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

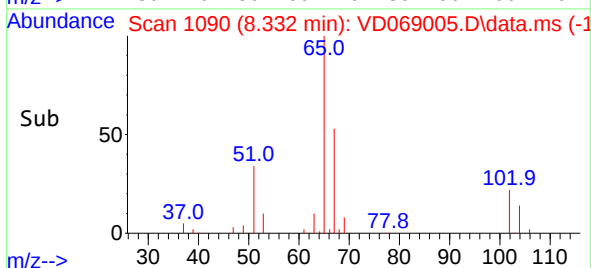
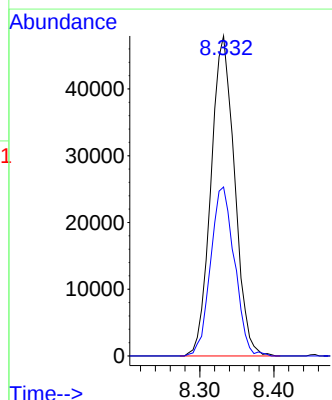
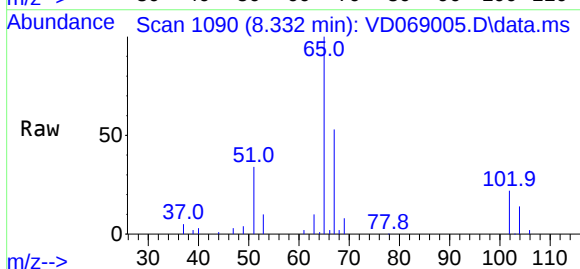
Instrument :
MSVOA_D
ClientSampleId :
TP-9A-8-COMP

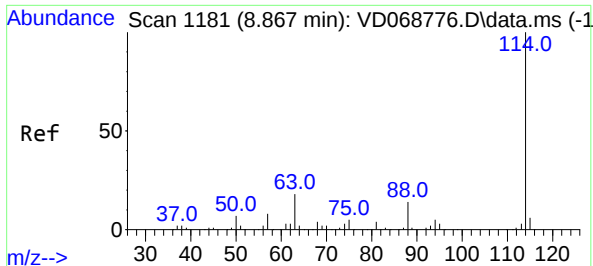
Tgt Ion: 43 Resp: 4266
Ion Ratio Lower Upper
43 100
72 43.5 28.6 43.0#



#33
1,2-Dichloroethane-d4
Concen: 48.68 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Tgt Ion: 65 Resp: 106120
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.0



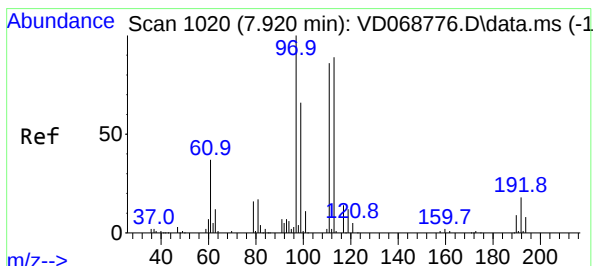
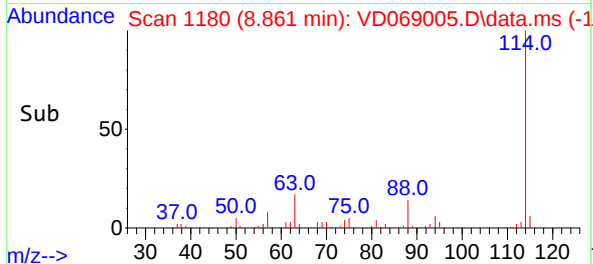
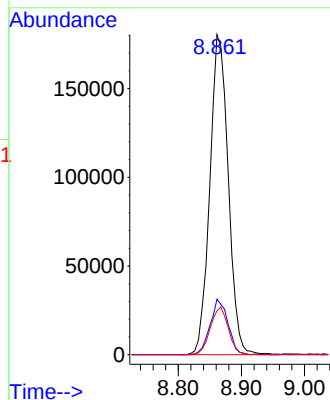
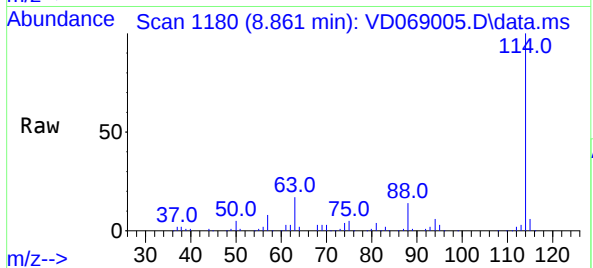


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Instrument :
MSVOA_D
ClientSampleId :
TP-9A-8-COMP

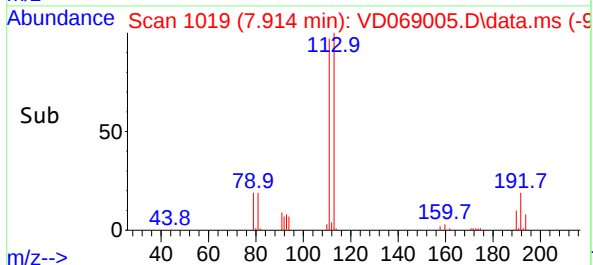
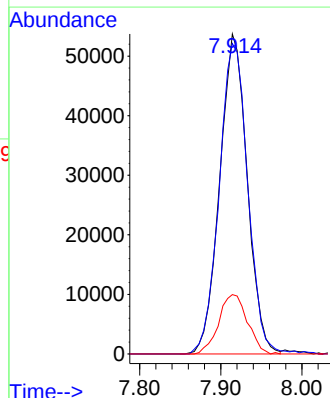
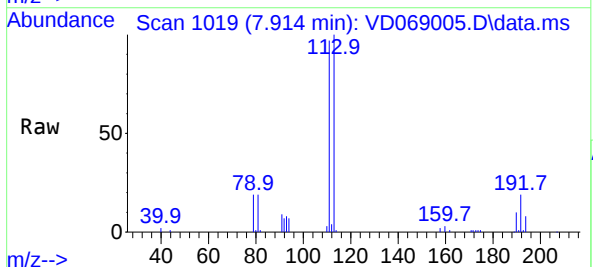
Tgt Ion:114 Resp: 366198
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 13.7 0.0 29.4

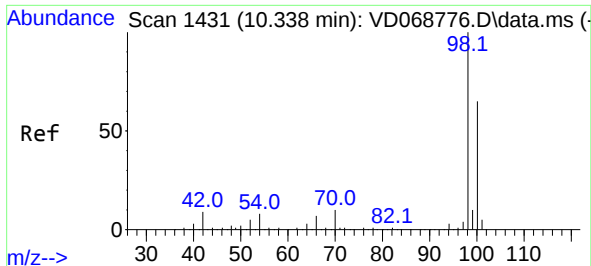


#35

Dibromofluoromethane
Concen: 53.01 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Tgt Ion:113 Resp: 126260
Ion Ratio Lower Upper
113 100
111 101.2 82.5 123.7
192 19.4 15.1 22.7

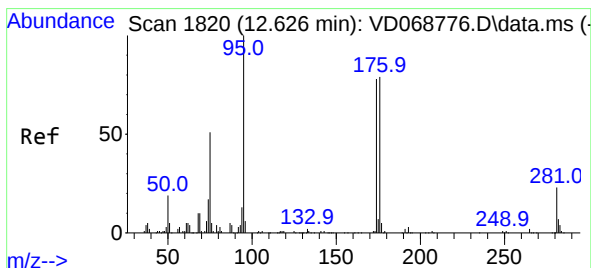
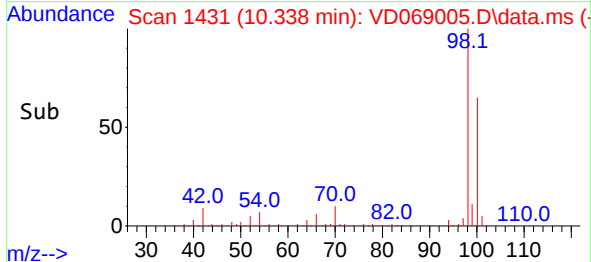
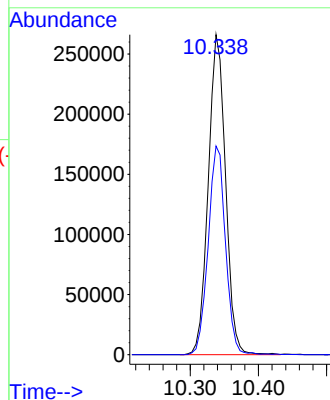
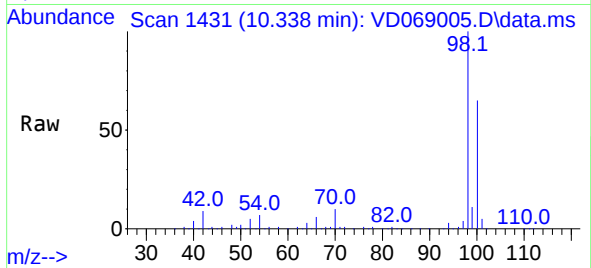




#50
Toluene-d8
Concen: 52.30 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

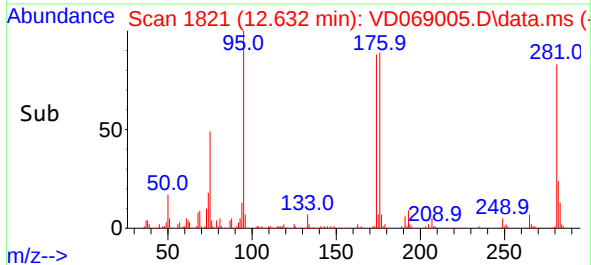
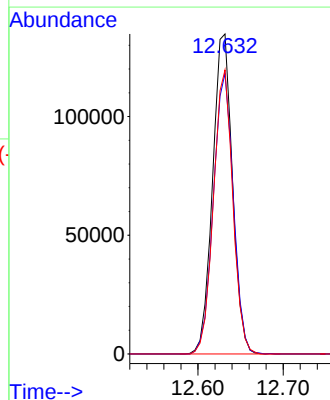
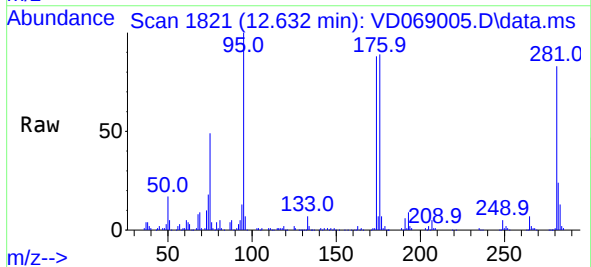
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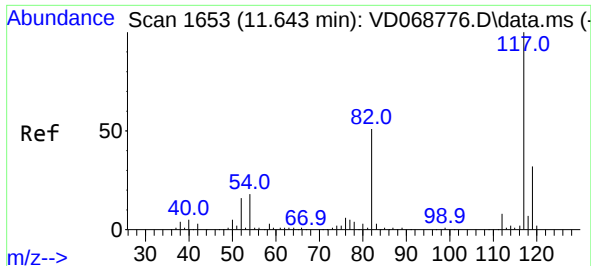
Tgt Ion: 98 Resp: 469922
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 72.98 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Tgt Ion: 95 Resp: 217786
Ion Ratio Lower Upper
95 100
174 88.2 0.0 168.0
176 86.4 0.0 160.2

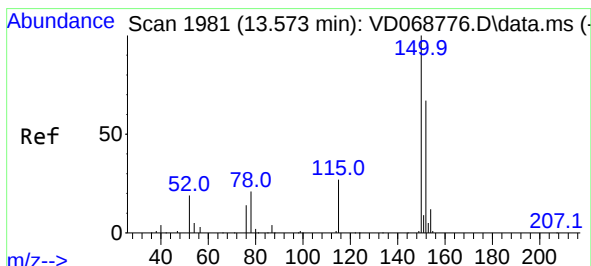
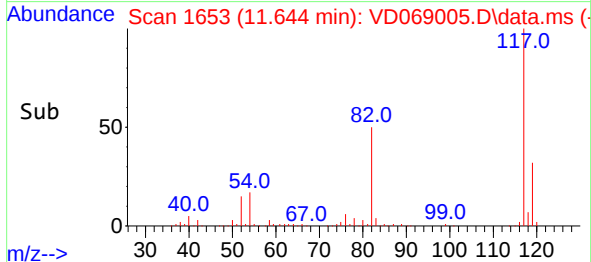
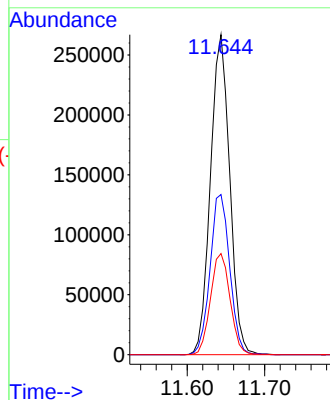
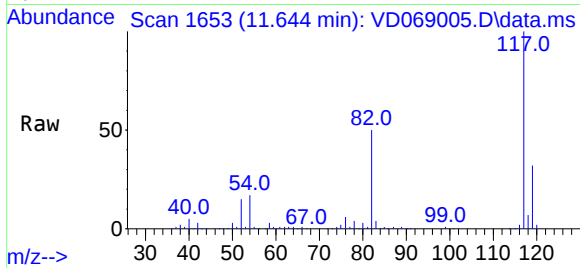




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Instrument :
MSVOA_D
ClientSampleId :
TP-9A-8-COMP

Tgt Ion:	117	Resp:	461161
Ion Ratio	Lower	Upper	
117	100		
82	50.1	43.5	65.3
119	31.6	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Tgt Ion:	152	Resp:	232746
Ion Ratio	Lower	Upper	
152	100		
115	57.3	29.3	87.8
150	159.7	0.0	347.6

