

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068521.D
 Acq On : 04 Mar 2021 13:16
 Operator : VA/SY
 Sample : M1556-01
 Misc : 6.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-030321

Quant Time: Mar 05 00:00:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

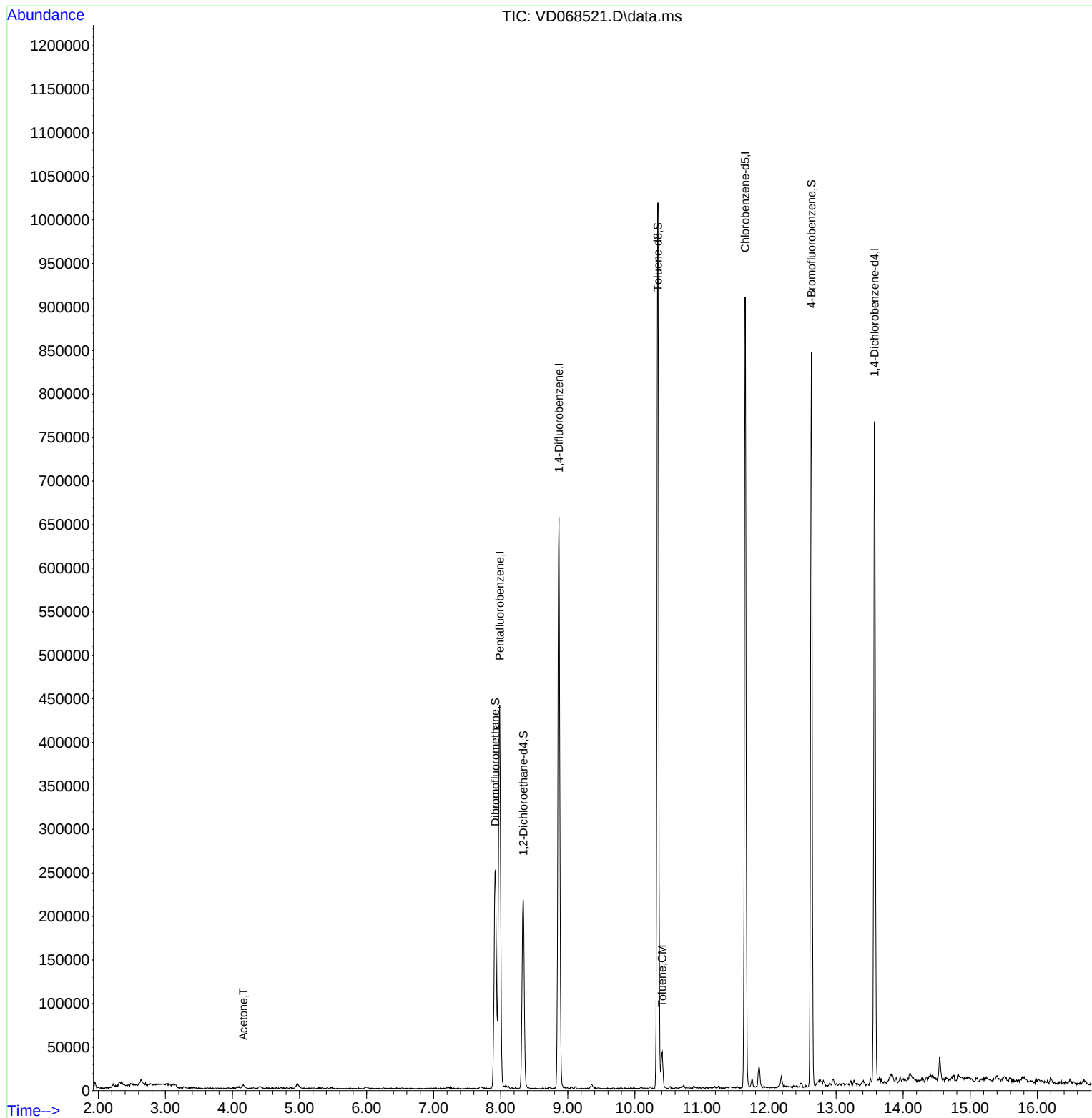
Internal Standards						
1) Pentafluorobenzene	7.985	168	340236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	592014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	542276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	211832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	176879	52.03	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.06%
35) Dibromofluoromethane	7.920	113	184857	51.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.66%
50) Toluene-d8	10.344	98	733743	51.65	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.30%
62) 4-Bromofluorobenzene	12.632	95	222484	48.60	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.20%
Target Compounds						
16) Acetone	4.162	43	6557	12.14	ug/l #	81
52) Toluene	10.408	92	17392	1.69	ug/l	94

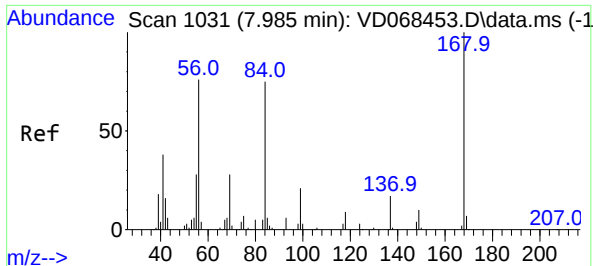
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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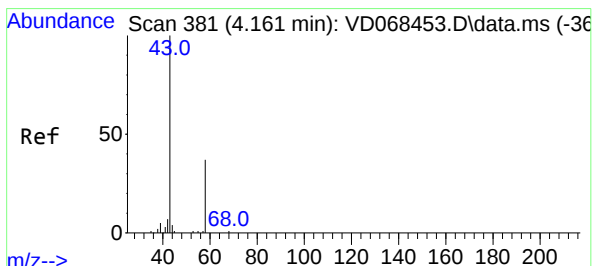
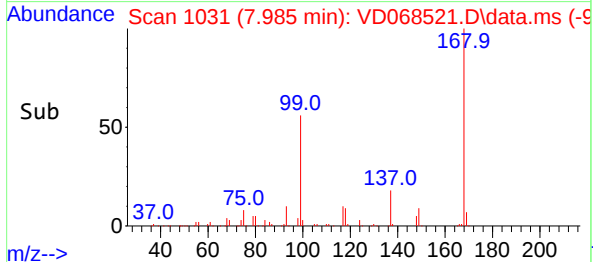
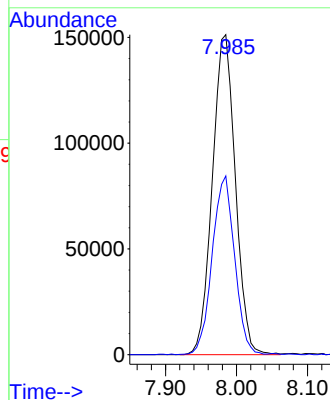
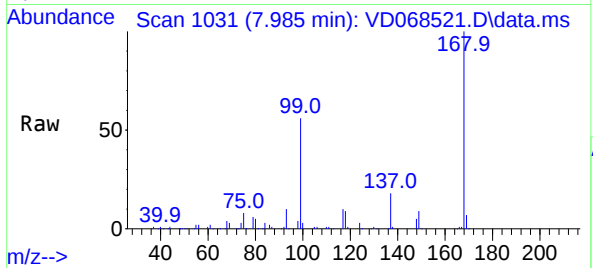




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068521.D
Acq: 04 Mar 2021 13:16

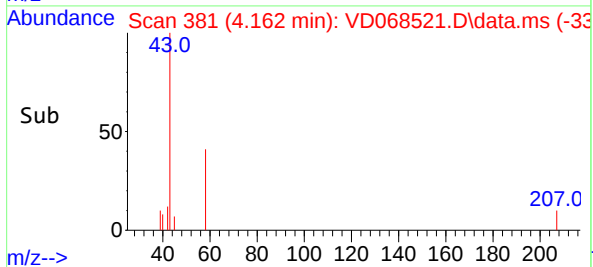
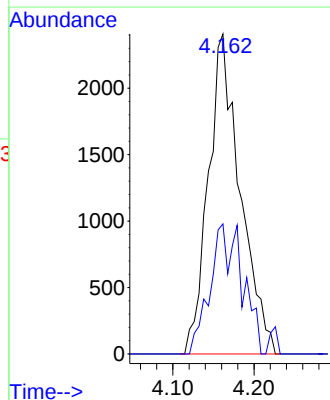
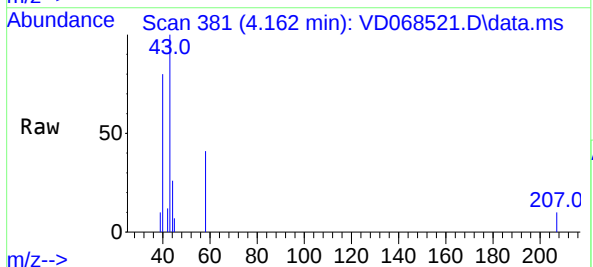
Instrument :
MSVOA_D
ClientSampleId :
TR-04-030321

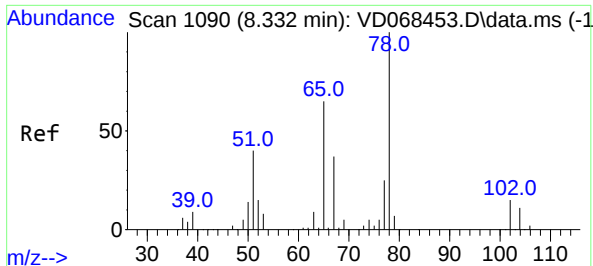
Tgt Ion:168 Resp: 340236
Ion Ratio Lower Upper
168 100
99 55.7 43.5 65.3



#16
Acetone
Concen: 12.14 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068521.D
Acq: 04 Mar 2021 13:16

Tgt Ion: 43 Resp: 6557
Ion Ratio Lower Upper
43 100
58 40.7 24.2 36.4#

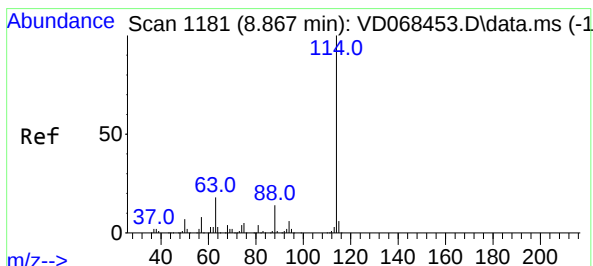
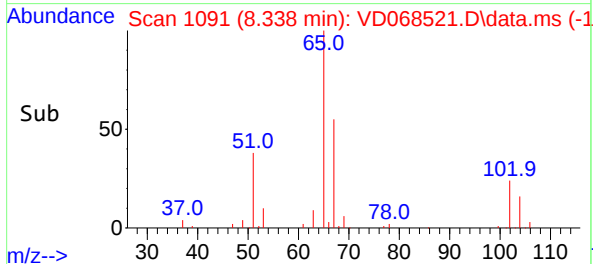
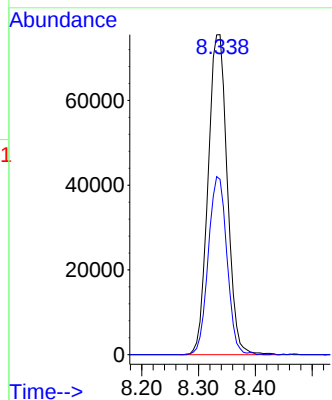
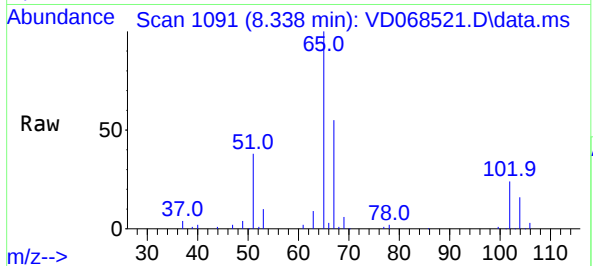




#33
1,2-Dichloroethane-d4
Concen: 52.03 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068521.D
Acq: 04 Mar 2021 13:16

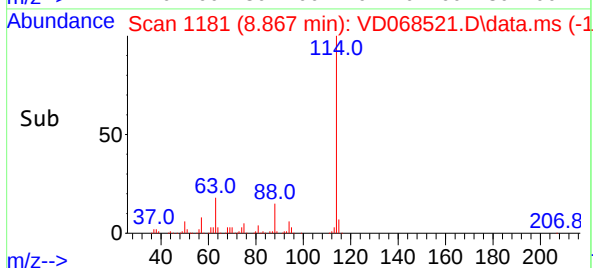
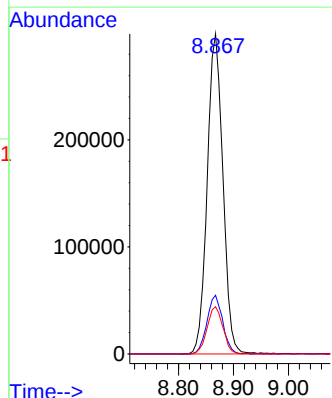
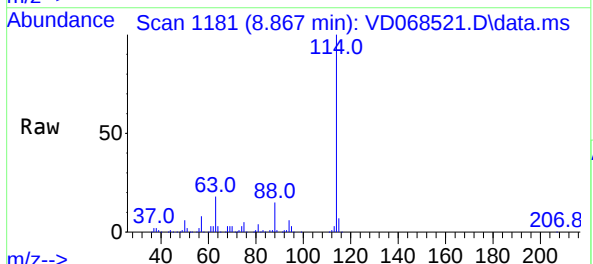
Instrument :
MSVOA_D
ClientSampleId :
TR-04-030321

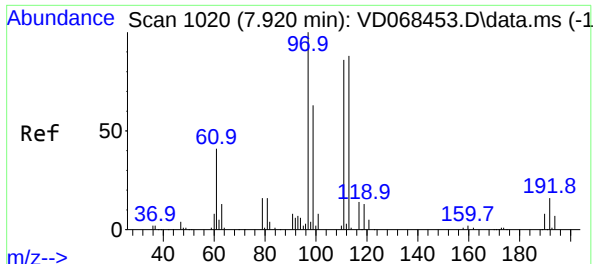
Tgt Ion: 65 Resp: 176879
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068521.D
Acq: 04 Mar 2021 13:16

Tgt Ion: 114 Resp: 592014
Ion Ratio Lower Upper
114 100
63 18.4 0.0 34.8
88 14.7 0.0 31.6

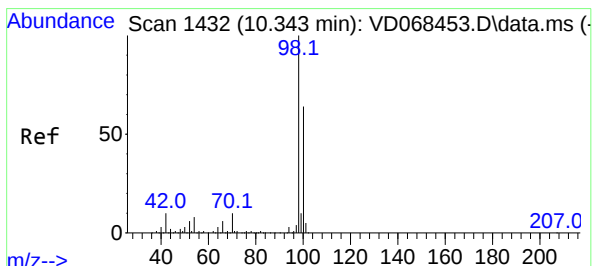
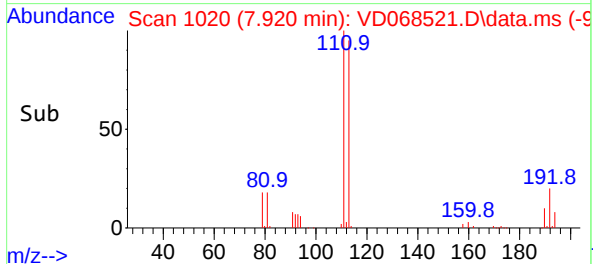
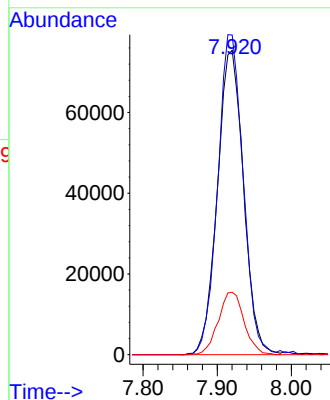
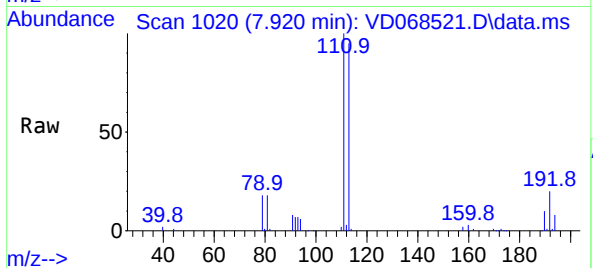




#35
Dibromofluoromethane
Concen: 51.83 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068521.D
Acq: 04 Mar 2021 13:16

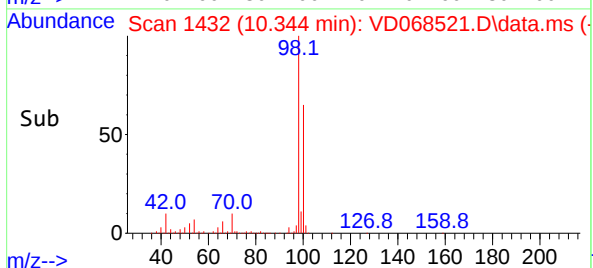
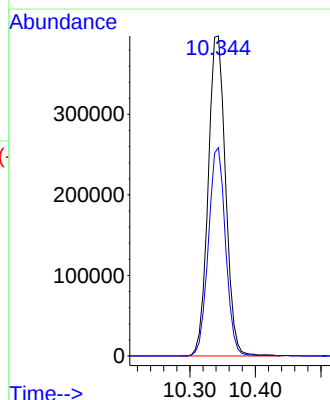
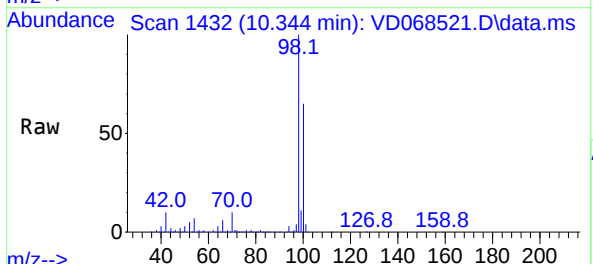
Instrument :
MSVOA_D
ClientSampleId :
TR-04-030321

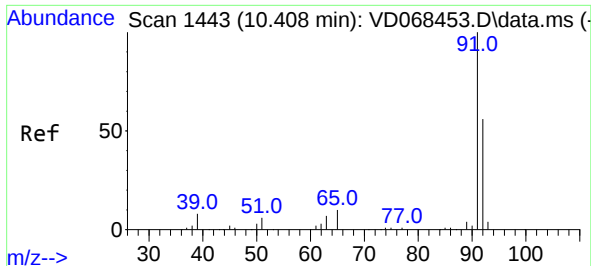
Tgt Ion:113 Resp: 184857
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 20.3 16.1 24.1



#50
Toluene-d8
Concen: 51.65 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068521.D
Acq: 04 Mar 2021 13:16

Tgt Ion: 98 Resp: 733743
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4

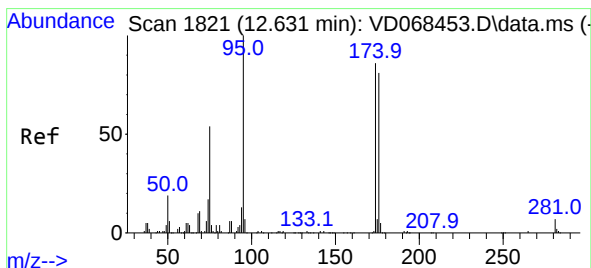
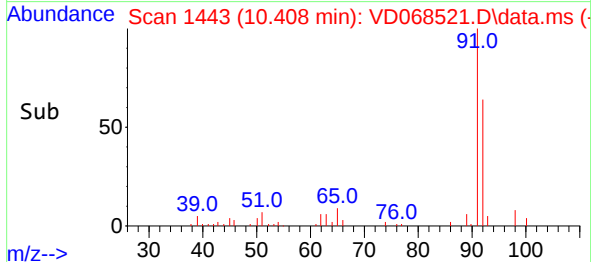
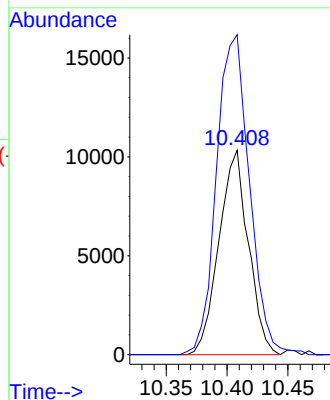
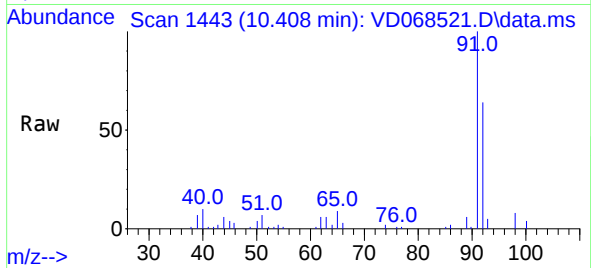




#52
Toluene
Concen: 1.69 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068521.D
Acq: 04 Mar 2021 13:16

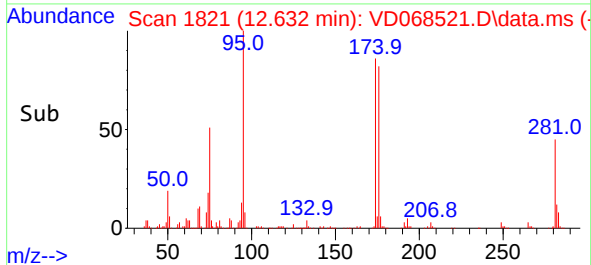
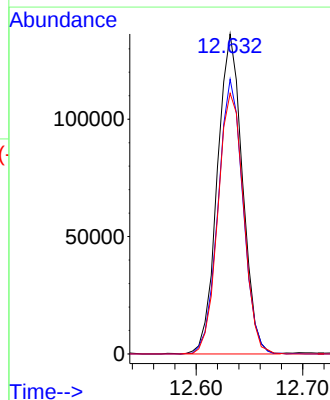
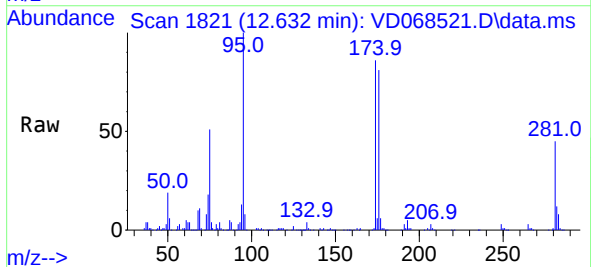
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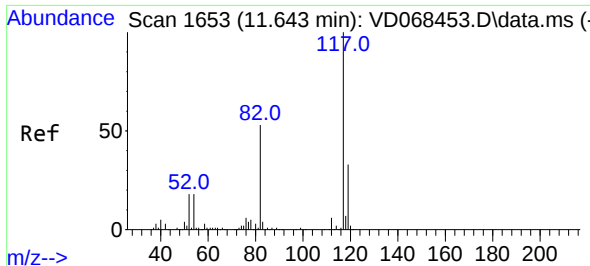
Tgt Ion: 92 Resp: 17392
Ion Ratio Lower Upper
92 100
91 175.2 134.1 201.1



#62
4-Bromofluorobenzene
Concen: 48.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068521.D
Acq: 04 Mar 2021 13:16

Tgt Ion: 95 Resp: 222484
Ion Ratio Lower Upper
95 100
174 85.1 0.0 172.4
176 83.1 0.0 168.4

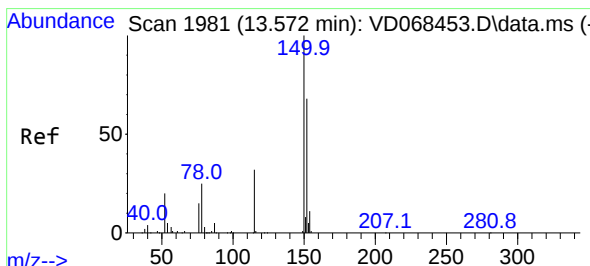
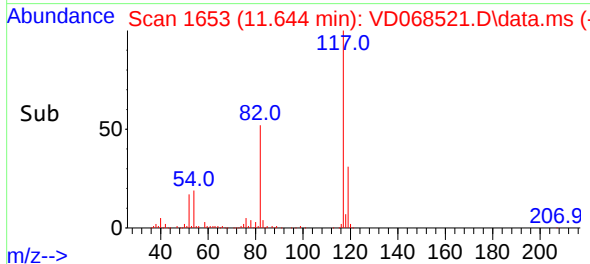
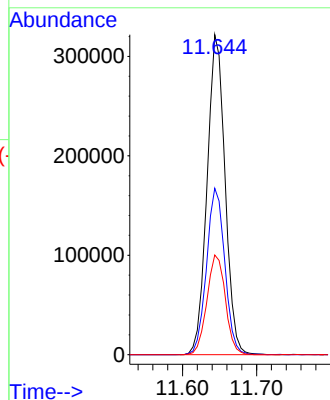
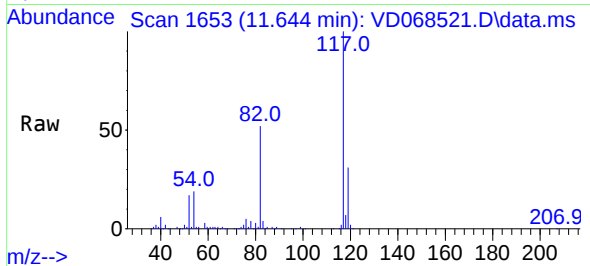




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068521.D
Acq: 04 Mar 2021 13:16

Instrument :
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TR-04-030321

Tgt Ion:	117	Resp:	542276
Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.4	62.0
119	31.1	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068521.D
Acq: 04 Mar 2021 13:16

Tgt Ion:	152	Resp:	211832
Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.9	86.8
150	156.6	0.0	344.4

