

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033021\
 Data File : VD068724.D
 Acq On : 30 Mar 2021 13:10
 Operator : VA/SY
 Sample : M1828-04RE
 Misc : 7.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FS-SB14(5-6)RE

Quant Time: Mar 31 01:00:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

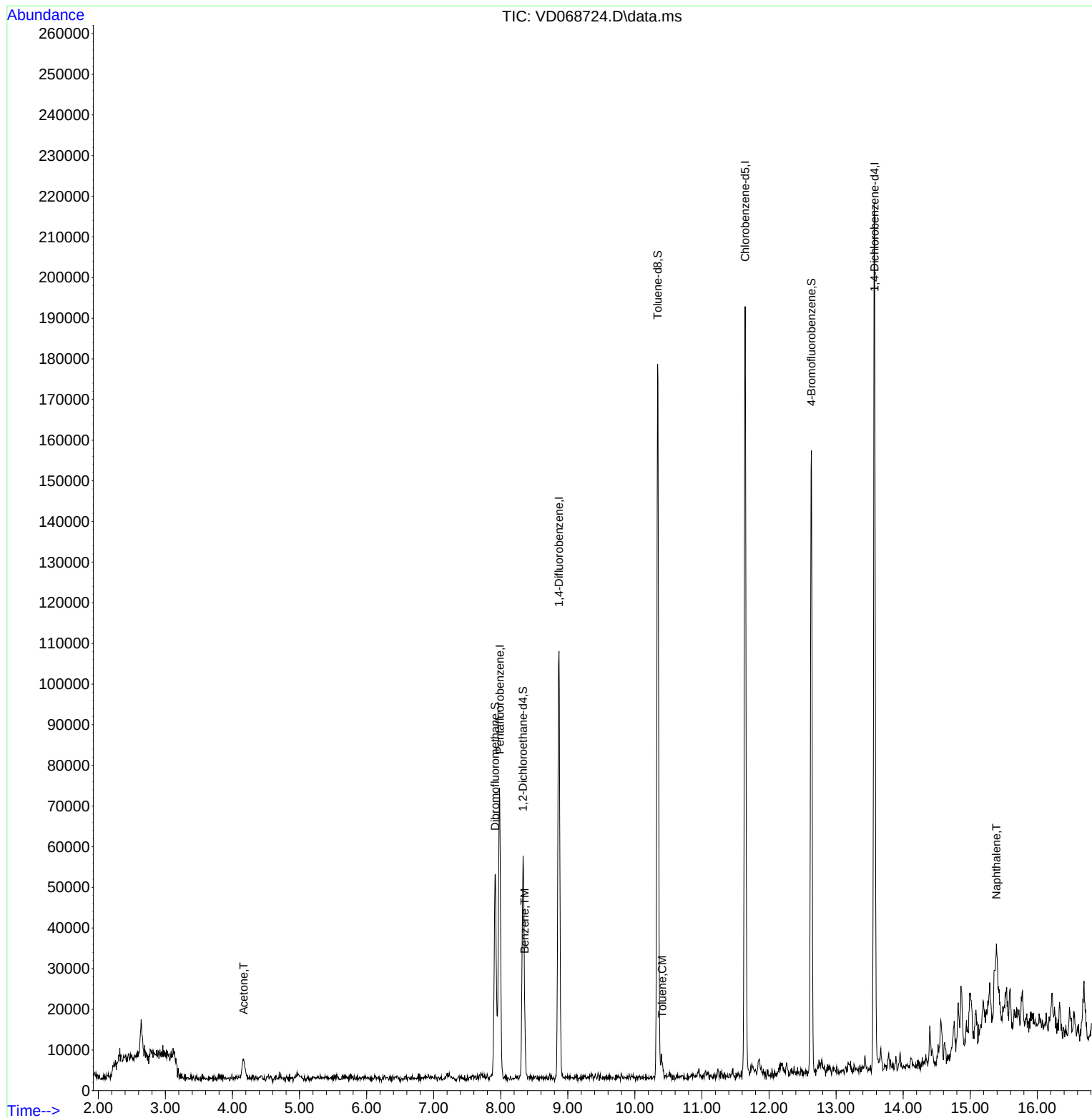
Internal Standards						
1) Pentafluorobenzene	7.985	168	54393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	98728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	115802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	59453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	42245	77.02	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	154.04%
35) Dibromofluoromethane	7.914	113	34572	56.28	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.56%
50) Toluene-d8	10.338	98	122933	51.91	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.82%
62) 4-Bromofluorobenzene	12.632	95	51860	67.54	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.08%
Target Compounds						
					Qvalue	
16) Acetone	4.168	43	8552	128.52	ug/l #	88
40) Benzene	8.356	78	4113	1.60	ug/l #	53
52) Toluene	10.408	92	2237	1.37	ug/l	89
95) Naphthalene	15.390	128	17681	9.58	ug/l	97

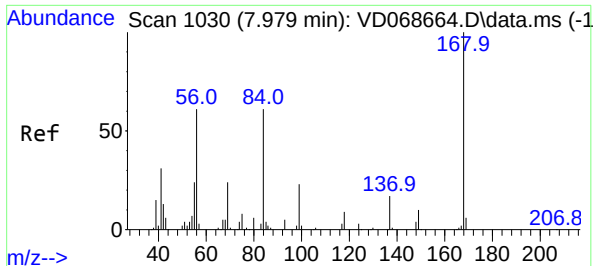
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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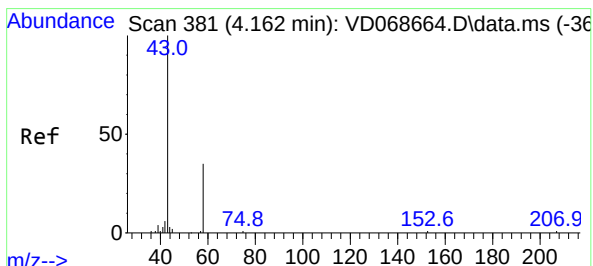
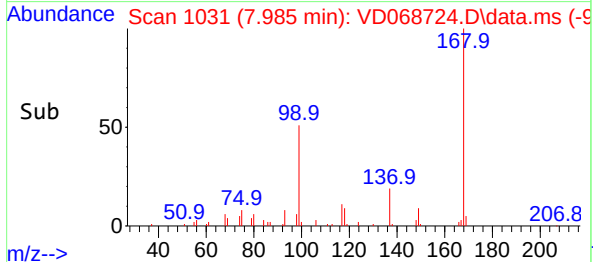
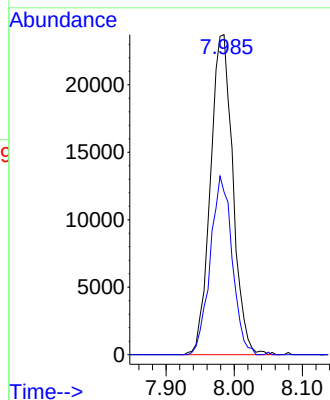
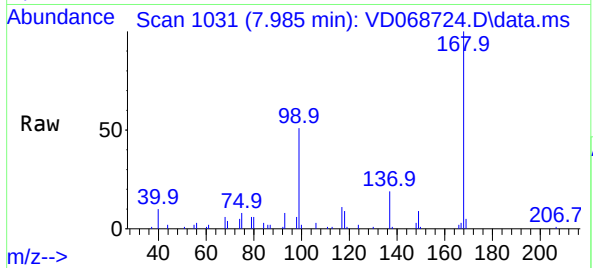




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

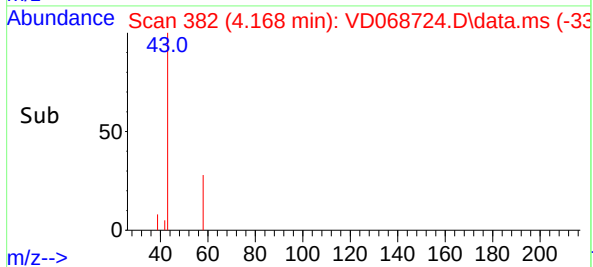
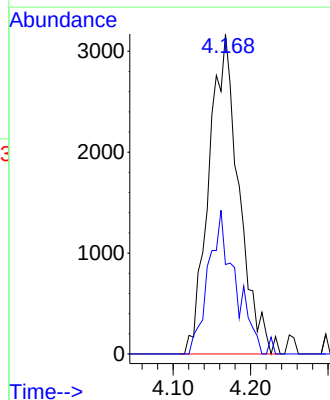
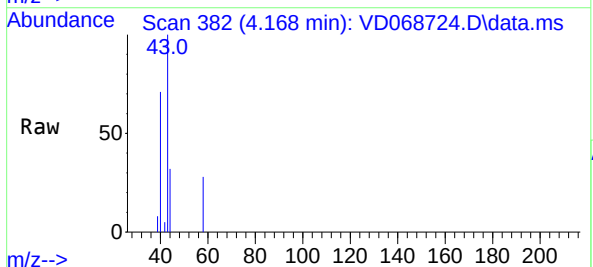
Instrument :
MSVOA_D
ClientSampleId :
FS-SB14(5-6)RE

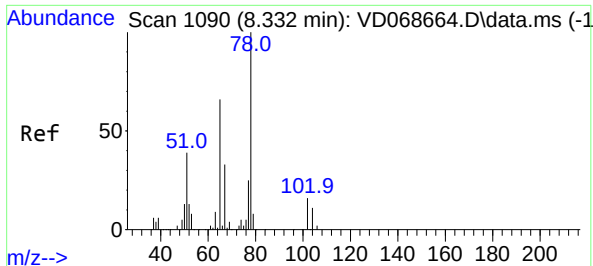
Tgt Ion:168 Resp: 54393
Ion Ratio Lower Upper
168 100
99 50.8 46.2 69.2



#16
Acetone
Concen: 128.52 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Tgt Ion: 43 Resp: 8552
Ion Ratio Lower Upper
43 100
58 28.0 28.0 42.0#

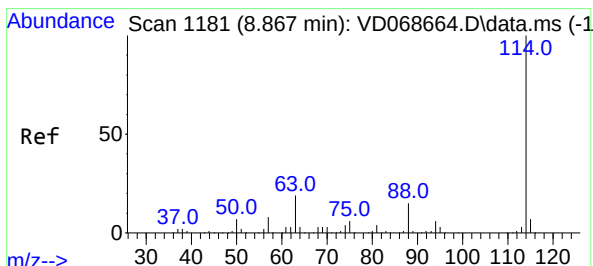
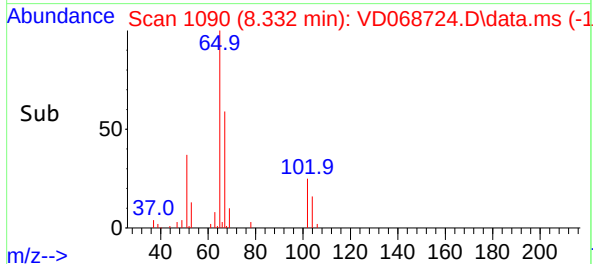
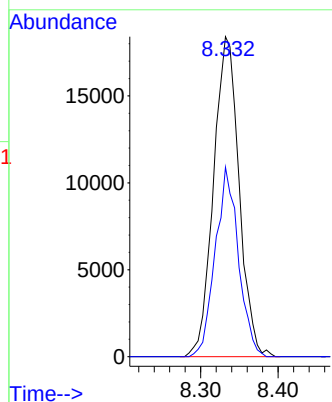
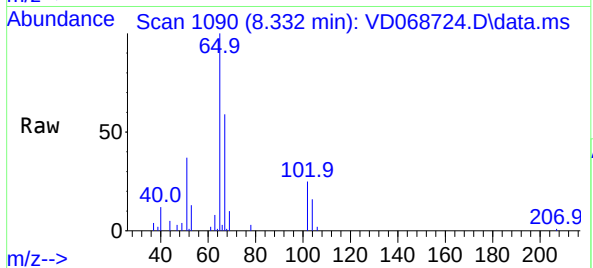




#33
1,2-Dichloroethane-d4
Concen: 77.02 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

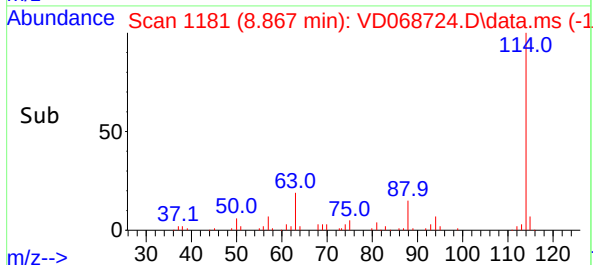
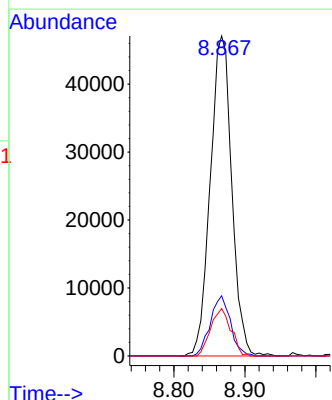
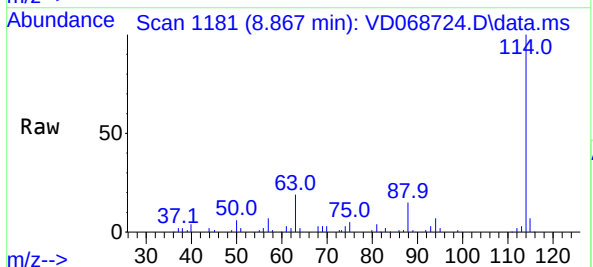
Instrument :
MSVOA_D
ClientSampleId :
FS-SB14(5-6)RE

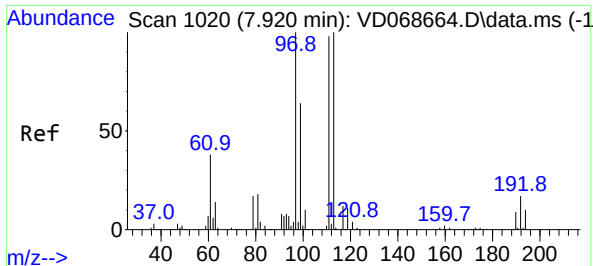
Tgt Ion: 65 Resp: 42245
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Tgt Ion: 114 Resp: 98728
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.2
88 14.8 0.0 29.4

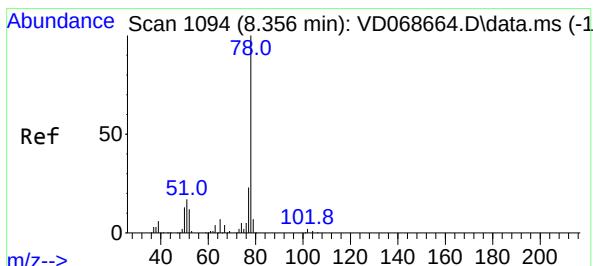
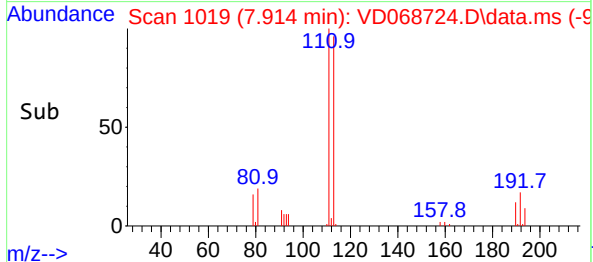
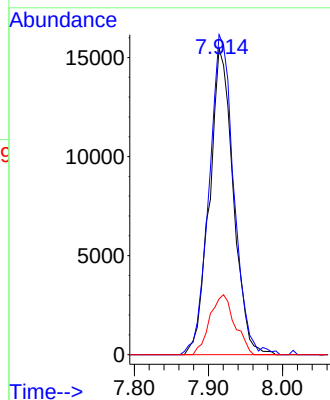
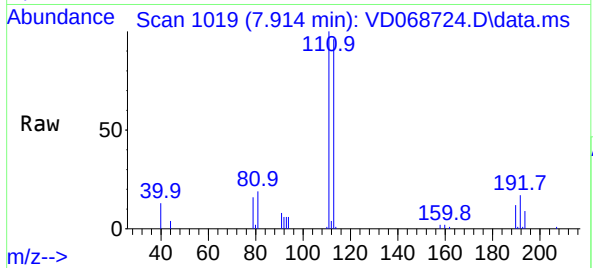




#35
Dibromofluoromethane
Concen: 56.28 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

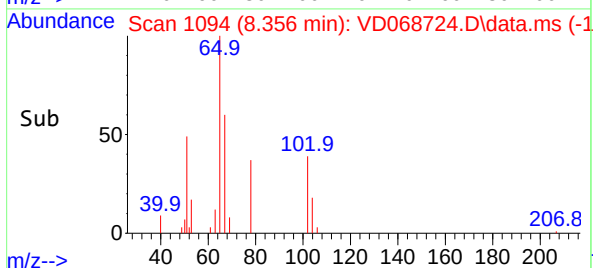
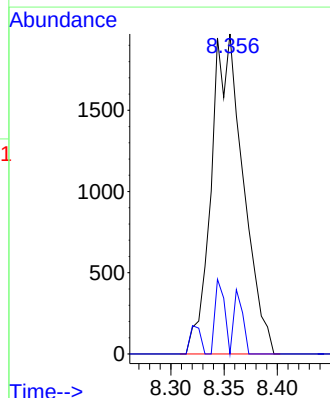
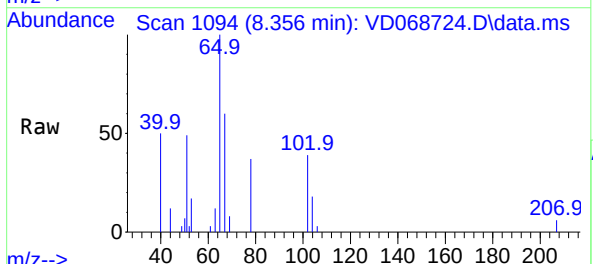
Instrument :
MSVOA_D
ClientSampleId :
FS-SB14(5-6)RE

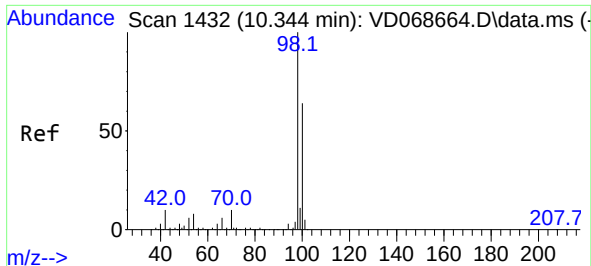
Tgt Ion:113 Resp: 34572
Ion Ratio Lower Upper
113 100
111 107.8 82.5 123.7
192 20.5 15.1 22.7



#40
Benzene
Concen: 1.60 ug/l
RT: 8.356 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Tgt Ion: 78 Resp: 4113
Ion Ratio Lower Upper
78 100
77 0.0 18.2 27.2#

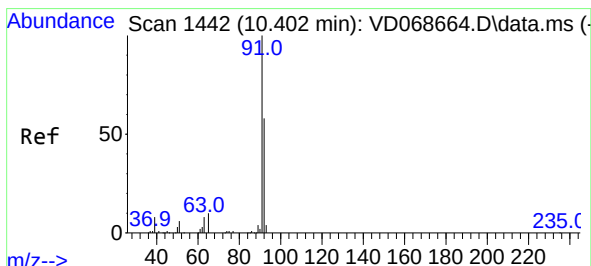
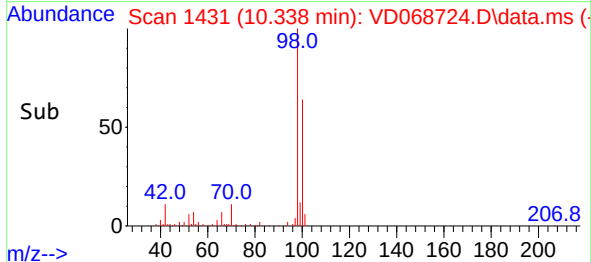
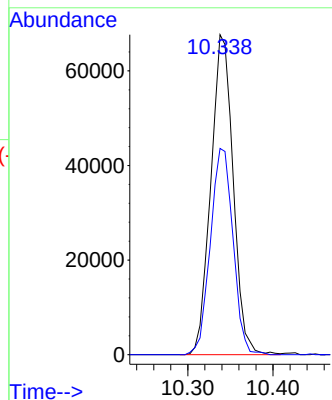
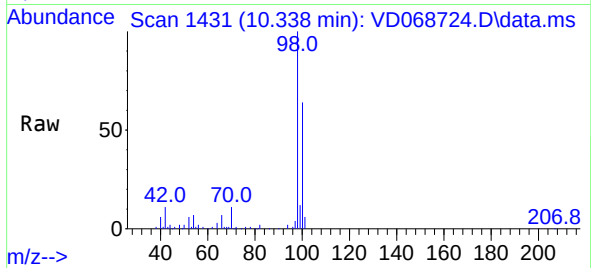




#50
Toluene-d8
Concen: 51.91 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

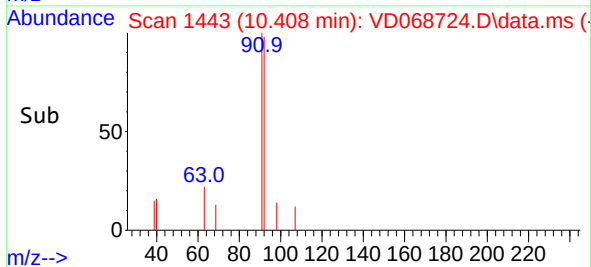
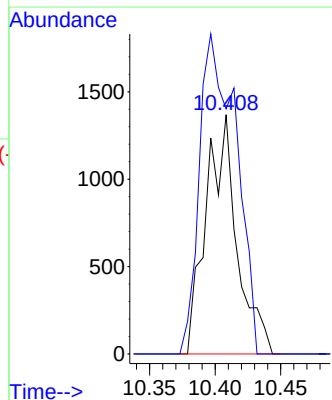
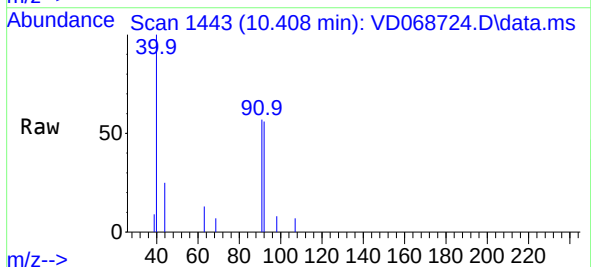
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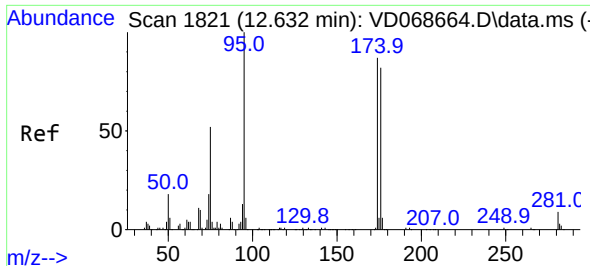
Tgt Ion: 98 Resp: 122933
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#52
Toluene
Concen: 1.37 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Tgt Ion: 92 Resp: 2237
Ion Ratio Lower Upper
92 100
91 158.8 139.1 208.7

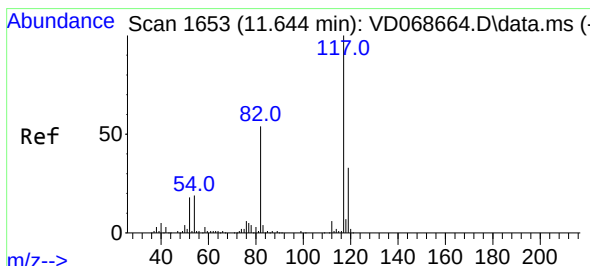
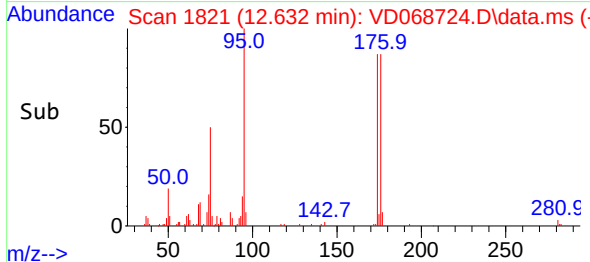
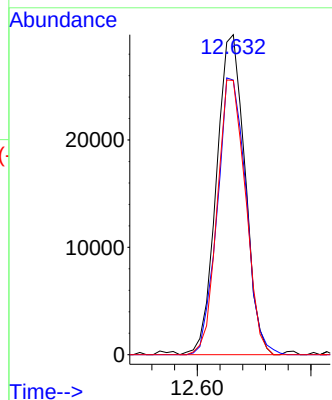
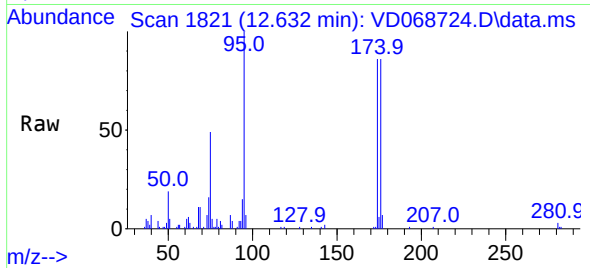




#62
4-Bromofluorobenzene
Concen: 67.54 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

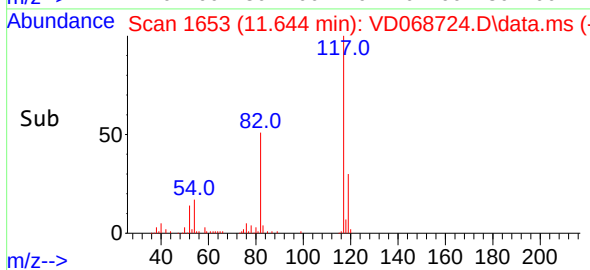
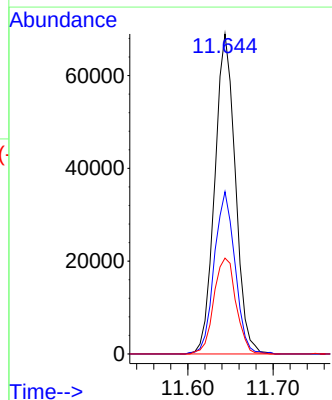
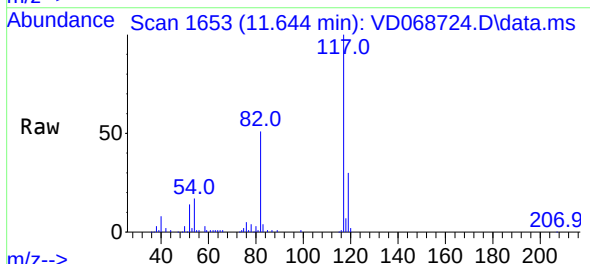
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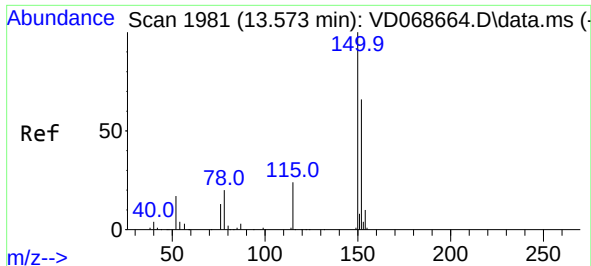
Tgt Ion:	95	Resp:	51860
Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	168.0
176	84.8	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Tgt Ion:	117	Resp:	115802
Ion	Ratio	Lower	Upper
117	100		
82	50.7	43.5	65.3
119	30.0	26.7	40.1

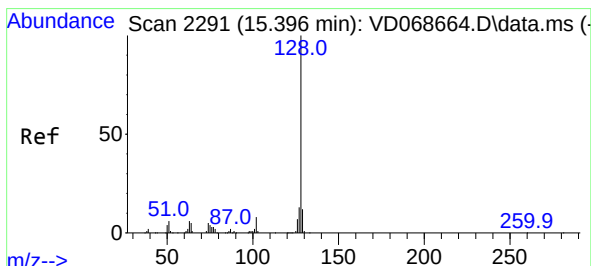
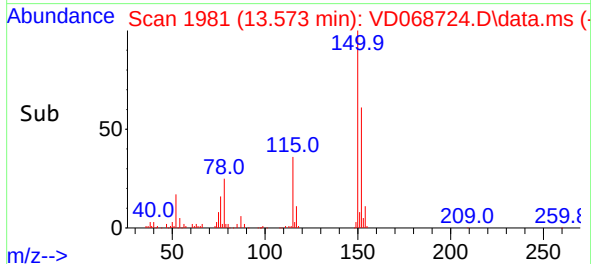
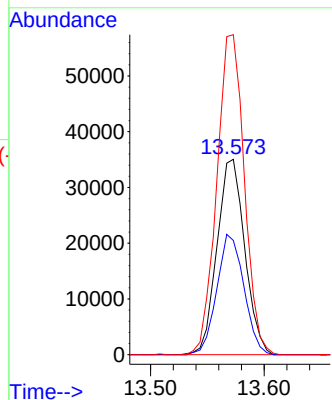
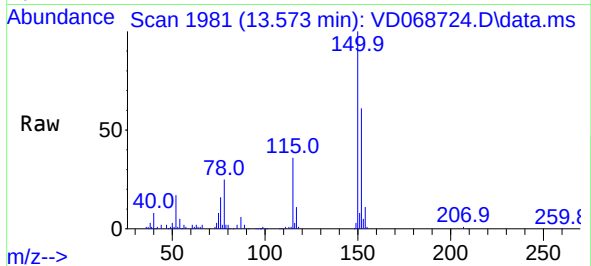




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Instrument :
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ClientSampleId :
FS-SB14(5-6)RE

Tgt Ion:152 Resp: 59453
Ion Ratio Lower Upper
152 100
115 60.2 29.3 87.8
150 162.7 0.0 347.6



#95
Naphthalene
Concen: 9.58 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD068724.D
Acq: 30 Mar 2021 13:10

Tgt Ion:128 Resp: 17681
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 12.8 8.9 13.3

