

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030921\
 Data File : VD068574.D
 Acq On : 09 Mar 2021 12:47
 Operator : VA/SY
 Sample : M1598-01
 Misc : 5.97G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-030821

Quant Time: Mar 10 00:00:48 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)

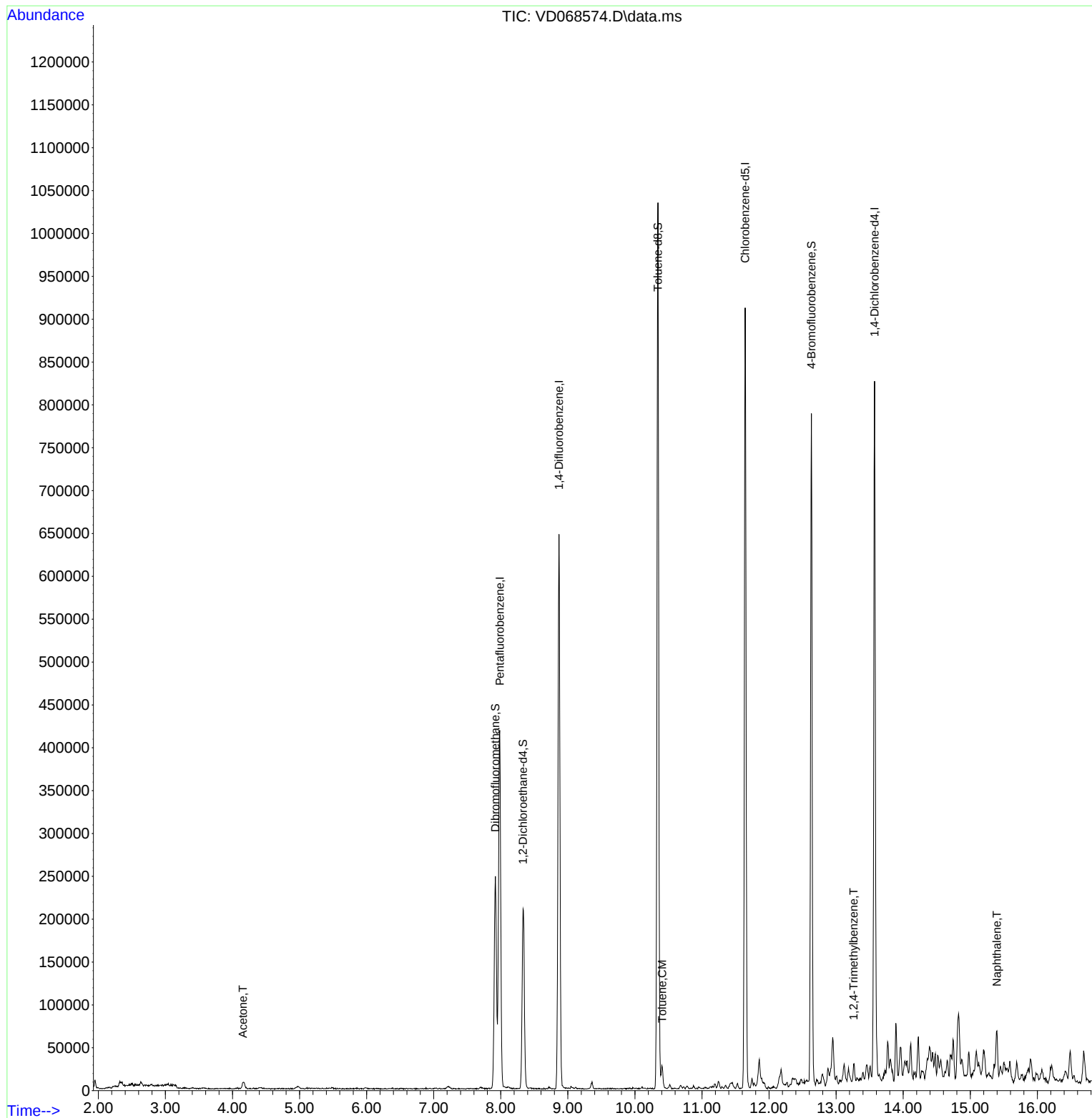
Internal Standards						
1) Pentafluorobenzene	7.985	168	324150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	582043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	550137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	213892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	167372	51.68	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.36%
35) Dibromofluoromethane	7.920	113	178150	50.81	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.62%
50) Toluene-d8	10.344	98	720554	51.59	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.18%
62) 4-Bromofluorobenzene	12.632	95	227548	50.56	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.12%
Target Compounds						Qvalue
16) Acetone	4.156	43	14082	27.37	ug/l	100
52) Toluene	10.408	92	10517	1.04	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	13265	1.02	ug/l	94
95) Naphthalene	15.396	128	52576	6.27	ug/l #	96

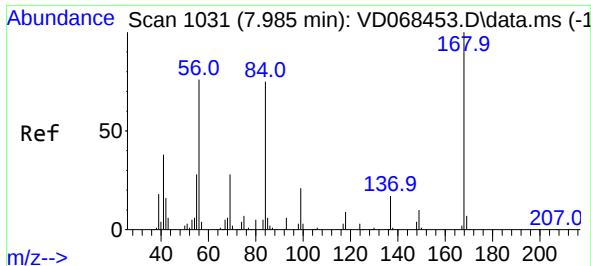
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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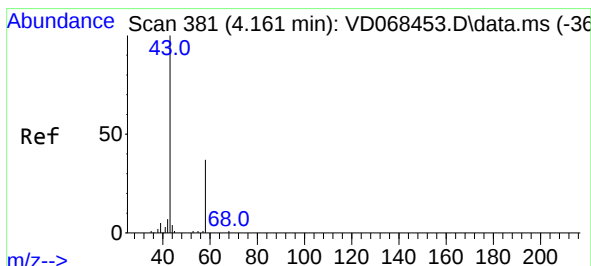
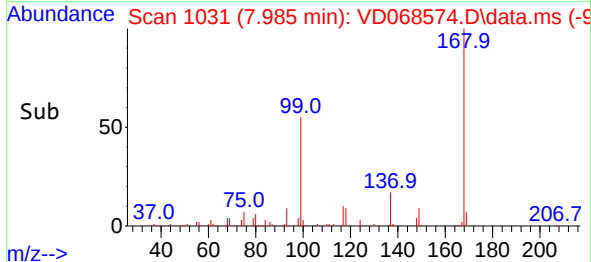
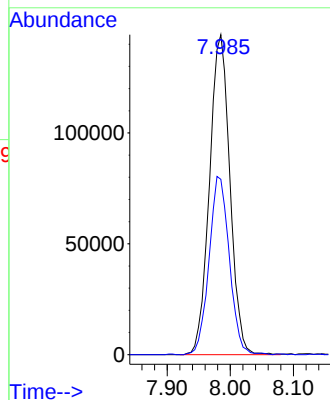
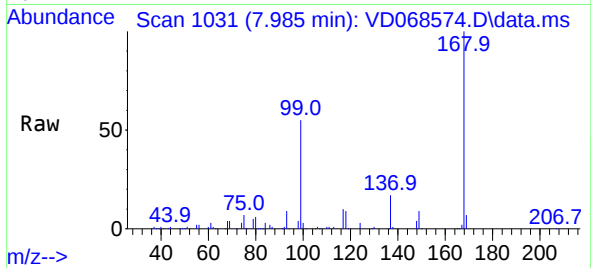




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068574.D
Acq: 09 Mar 2021 12:47

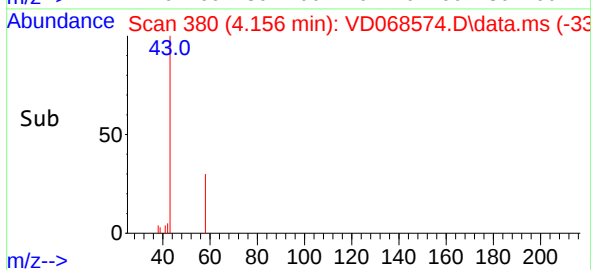
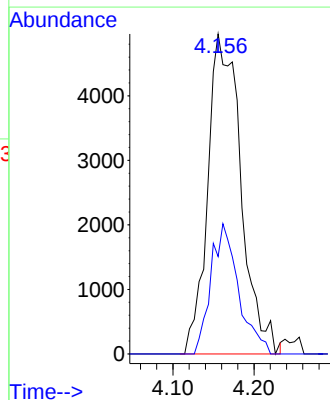
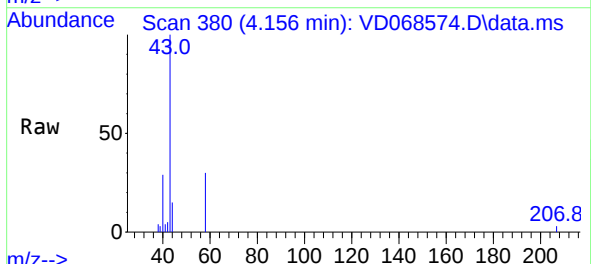
Instrument :
MSVOA_D
ClientSampleId :
OR-02-030821

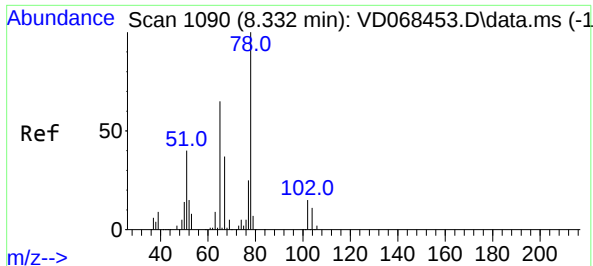
Tgt Ion:168 Resp: 324150
Ion Ratio Lower Upper
168 100
99 54.8 43.5 65.3



#16
Acetone
Concen: 27.37 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068574.D
Acq: 09 Mar 2021 12:47

Tgt Ion: 43 Resp: 14082
Ion Ratio Lower Upper
43 100
58 30.4 24.2 36.4

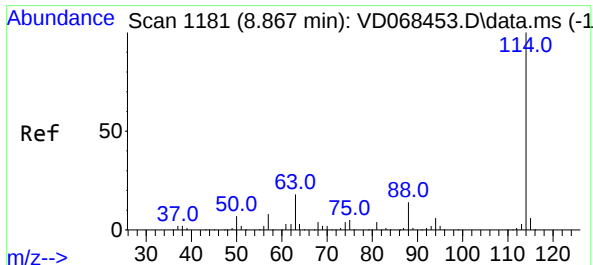
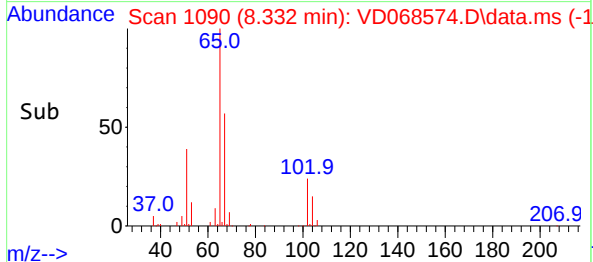
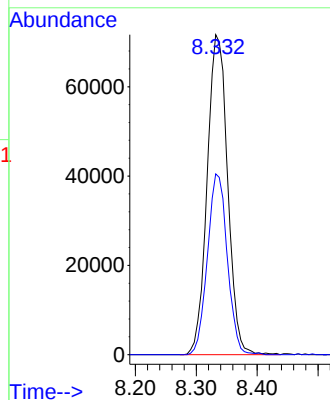
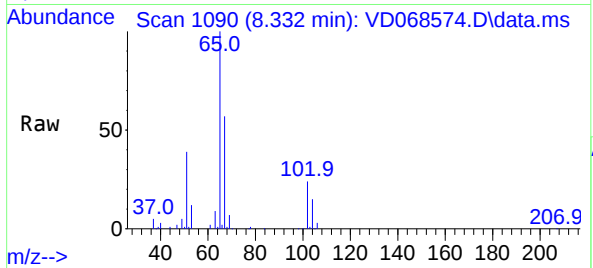




#33
1,2-Dichloroethane-d4
Concen: 51.68 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068574.D
Acq: 09 Mar 2021 12:47

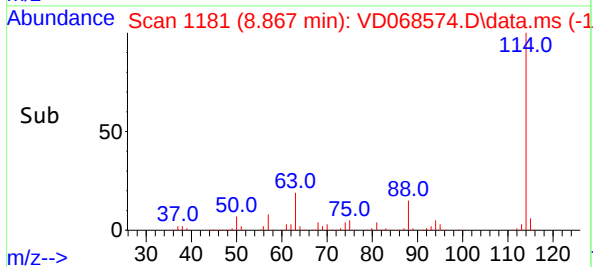
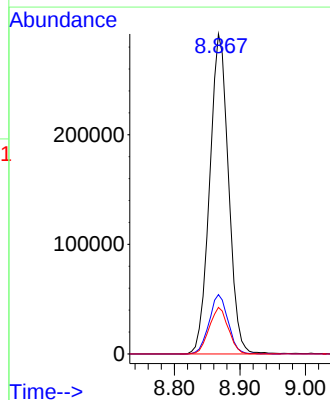
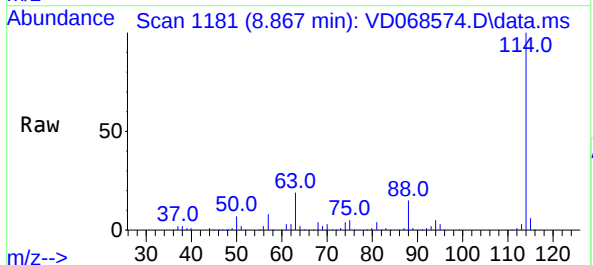
Instrument :
MSVOA_D
ClientSampleId :
OR-02-030821

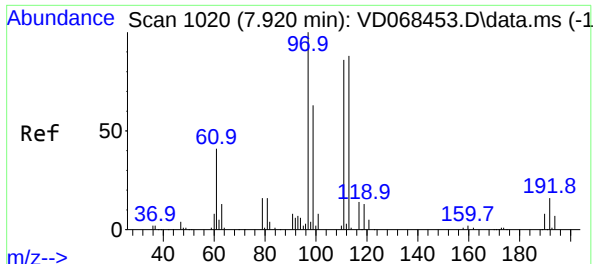
Tgt Ion: 65 Resp: 167372
Ion Ratio Lower Upper
65 100
67 54.8 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068574.D
Acq: 09 Mar 2021 12:47

Tgt Ion: 114 Resp: 582043
Ion Ratio Lower Upper
114 100
63 18.5 0.0 34.8
88 14.6 0.0 31.6

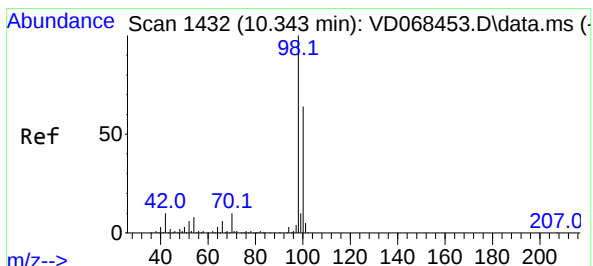
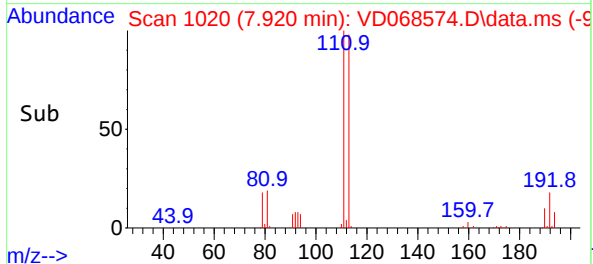
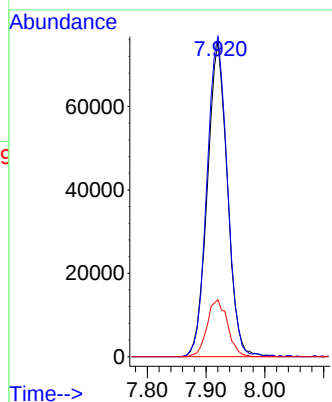
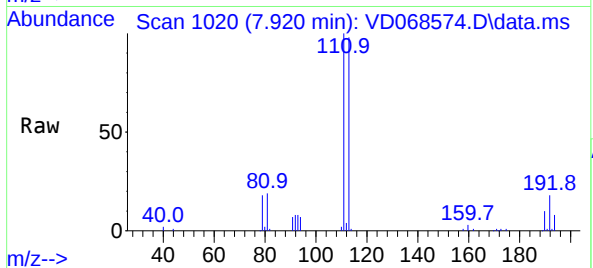




#35
Dibromofluoromethane
Concen: 50.81 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068574.D
Acq: 09 Mar 2021 12:47

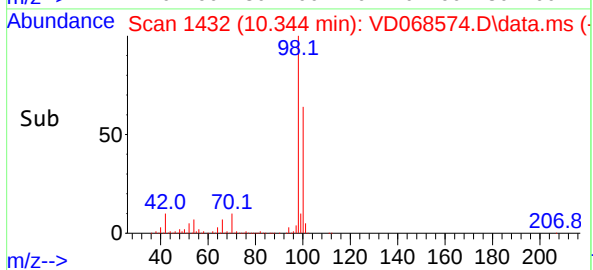
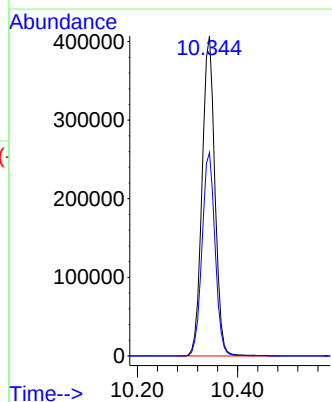
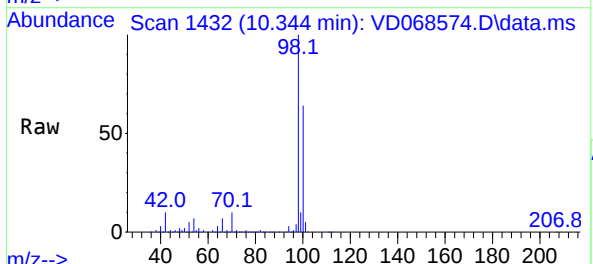
Instrument :
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ClientSampleId :
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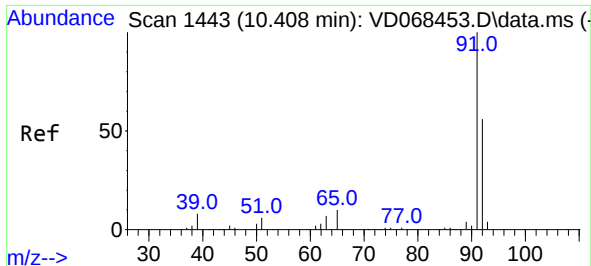
Tgt Ion:113 Resp: 178150
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 18.5 16.1 24.1



#50
Toluene-d8
Concen: 51.59 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068574.D
Acq: 09 Mar 2021 12:47

Tgt Ion: 98 Resp: 720554
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4

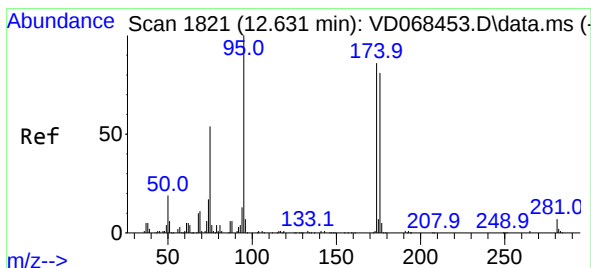
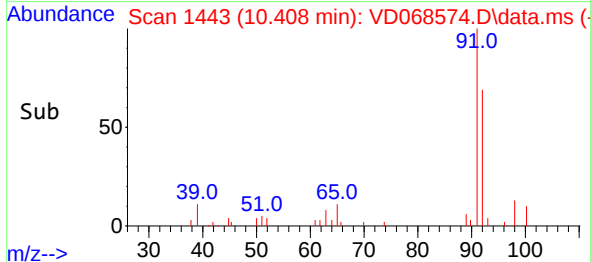
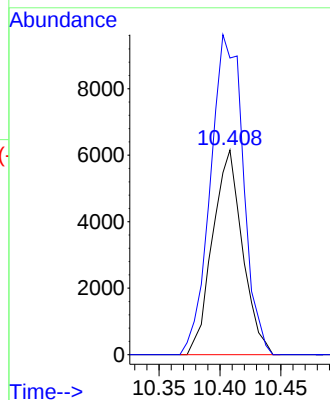
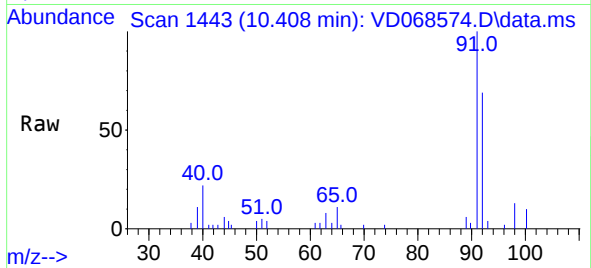




#52
Toluene
Concen: 1.04 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068574.D
Acq: 09 Mar 2021 12:47

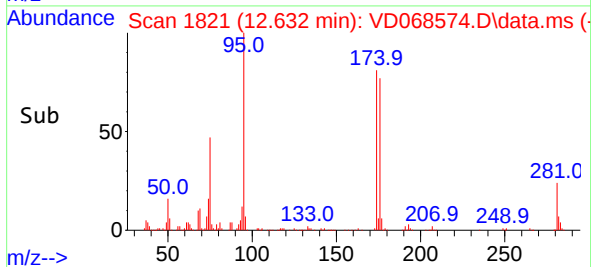
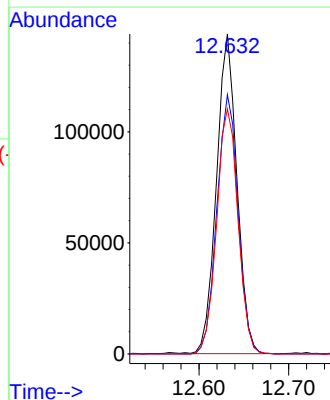
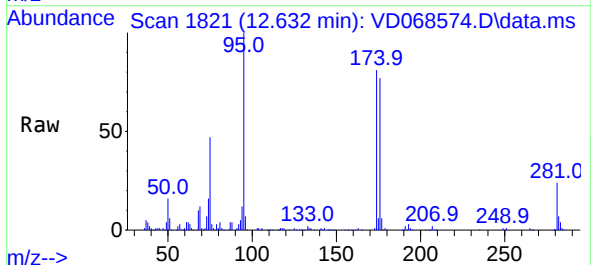
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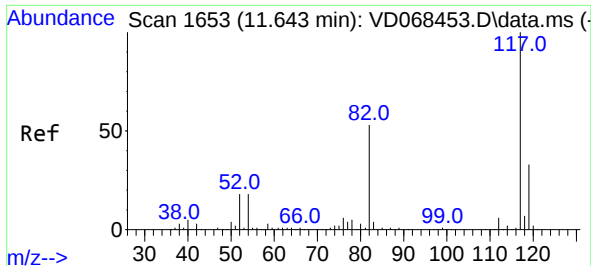
Tgt Ion: 92 Resp: 10517
Ion Ratio Lower Upper
92 100
91 171.6 134.1 201.1



#62
4-Bromofluorobenzene
Concen: 50.56 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068574.D
Acq: 09 Mar 2021 12:47

Tgt Ion: 95 Resp: 227548
Ion Ratio Lower Upper
95 100
174 83.8 0.0 172.4
176 79.9 0.0 168.4

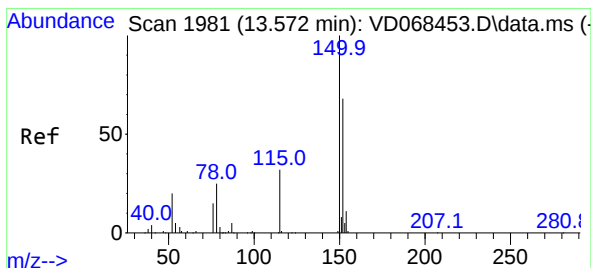
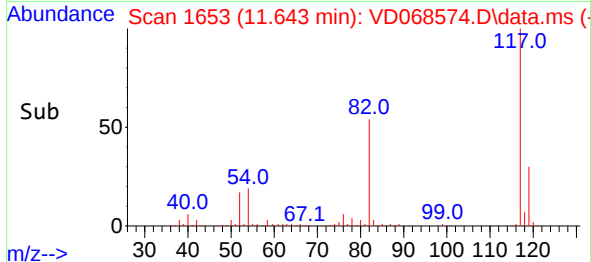
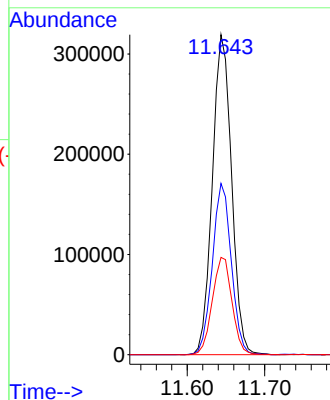
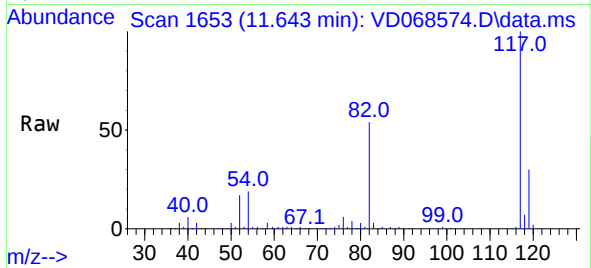




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068574.D
Acq: 09 Mar 2021 12:47

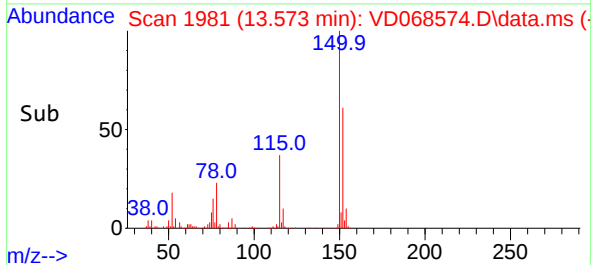
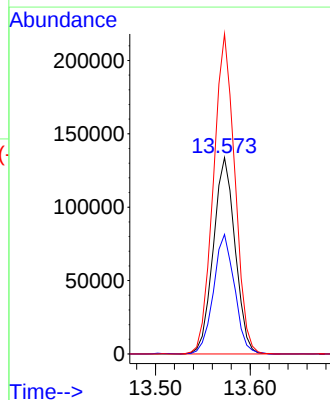
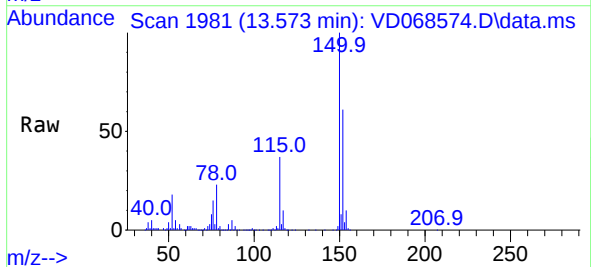
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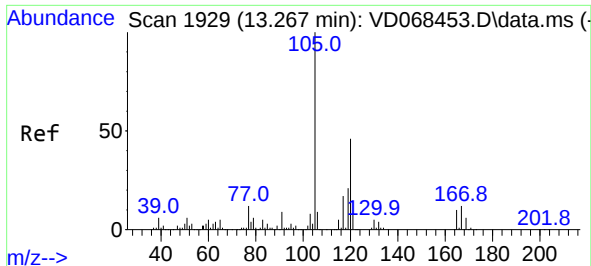
Tgt Ion:	117	Resp:	550137
Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.4	62.0
119	30.4	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068574.D
Acq: 09 Mar 2021 12:47

Tgt Ion:	152	Resp:	213892
Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.9	86.8
150	160.8	0.0	344.4

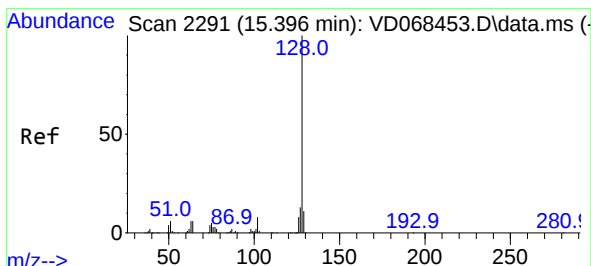
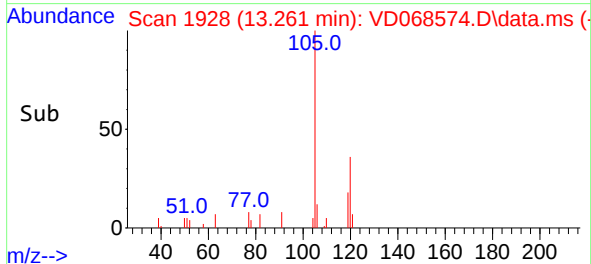
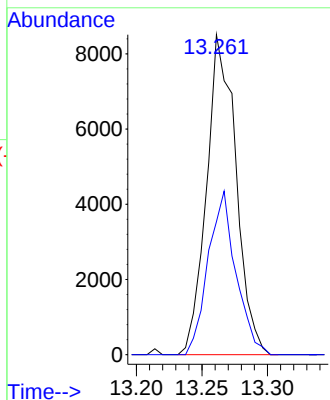
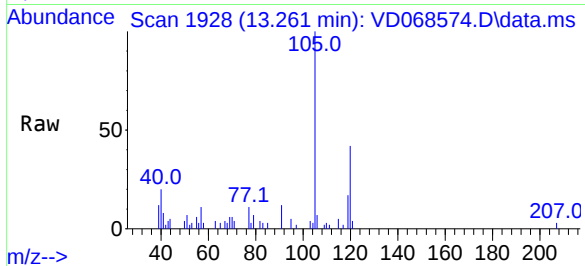




#84
1,2,4-Trimethylbenzene
Concen: 1.02 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.006 min
Lab File: VD068574.D
Acq: 09 Mar 2021 12:47

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:105 Resp: 13265
Ion Ratio Lower Upper
105 100
120 48.4 22.4 67.0



#95
Naphthalene
Concen: 6.27 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068574.D
Acq: 09 Mar 2021 12:47

Tgt Ion:128 Resp: 52576
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 13.5 8.8 13.2#

