

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068766.D
 Acq On : 01 Apr 2021 18:50
 Operator : VA/SY
 Sample : M1886-03RE
 Misc : 5.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-124027RE

Quant Time: Apr 02 01:06:34 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)

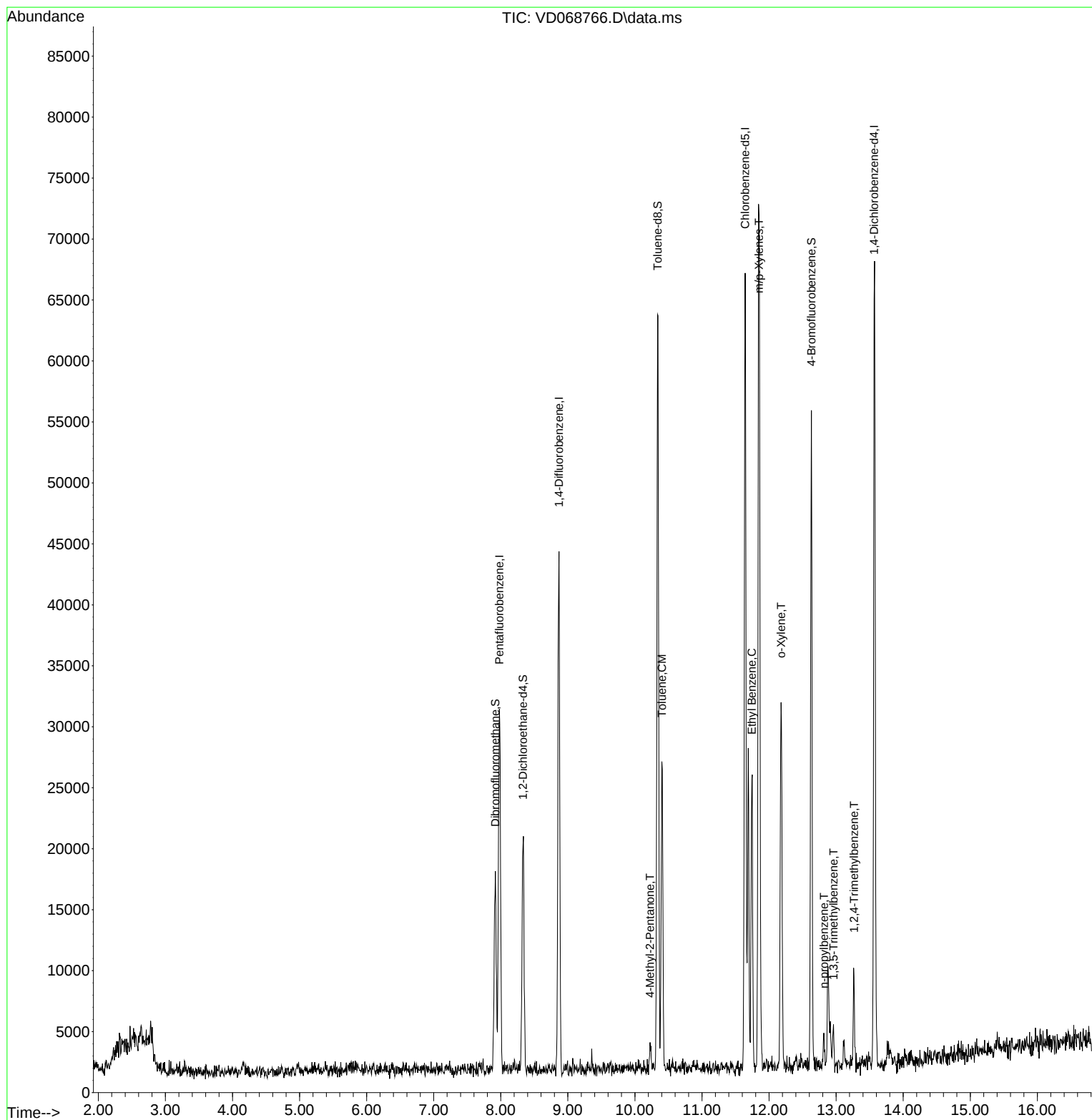
Internal Standards						
1) Pentafluorobenzene	7.979	168	23587	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	36085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	39898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	19857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	14846	62.42	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.84%
35) Dibromofluoromethane	7.920	113	11770	52.42	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.84%
50) Toluene-d8	10.338	98	45349	52.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.78%
62) 4-Bromofluorobenzene	12.632	95	16822	59.94	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.88%
Target Compounds						
						Qvalue
51) 4-Methyl-2-Pentanone	10.226	43	1568	15.44	ug/l	92
52) Toluene	10.402	92	11070	18.60	ug/l	88
67) Ethyl Benzene	11.744	91	17942	13.10	ug/l	92
68) m/p-Xylenes	11.849	106	25319	47.44	ug/l	91
69) o-Xylene	12.179	106	8224	16.63	ug/l	96
78) n-propylbenzene	12.820	91	2060	1.27	ug/l	96
80) 1,3,5-Trimethylbenzene	12.961	105	1913	1.73	ug/l	92
84) 1,2,4-Trimethylbenzene	13.267	105	4409	3.87	ug/l	95

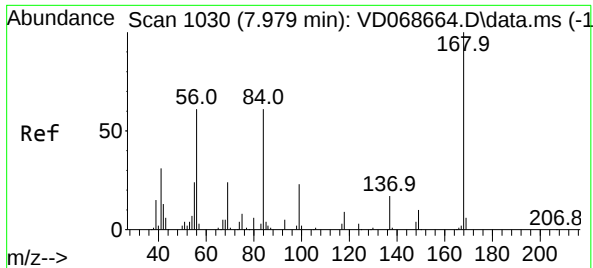
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

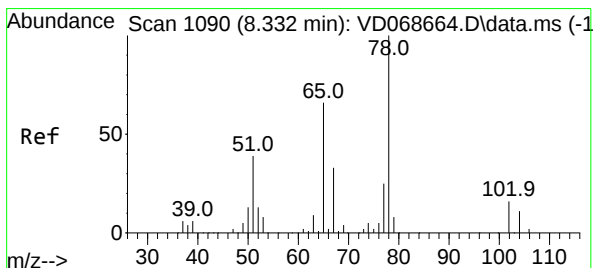
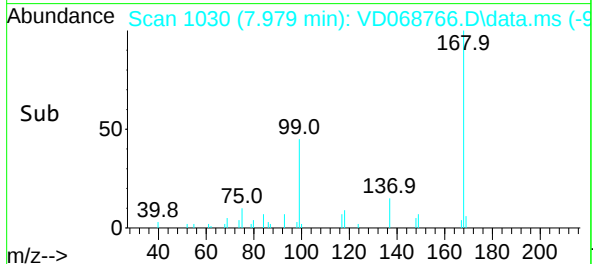
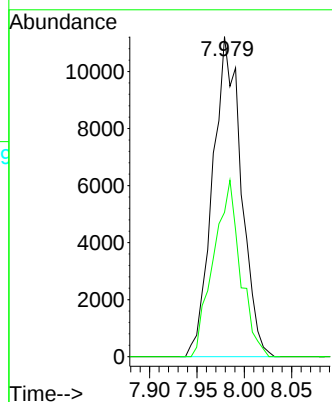
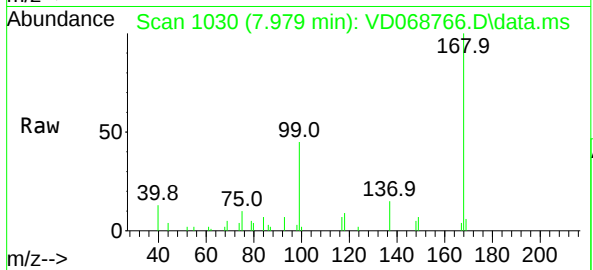




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068766.D
Acq: 01 Apr 2021 18:50

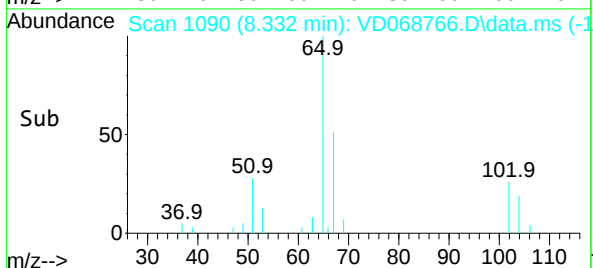
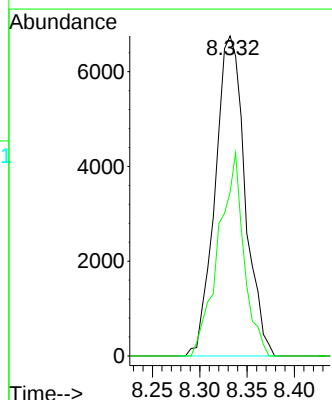
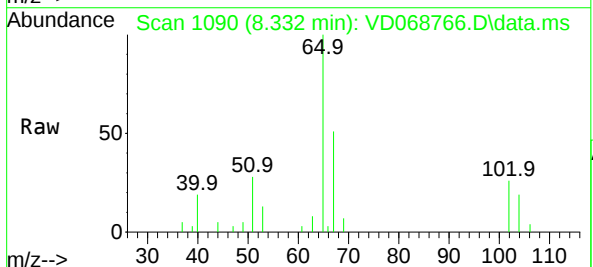
Instrument :
MSVOA_D
ClientSampleId :
RO-124027RE

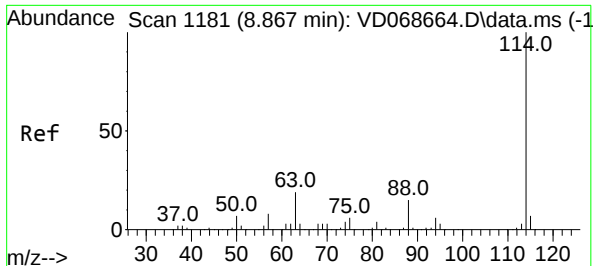
Tgt Ion:168 Resp: 23587
Ion Ratio Lower Upper
168 100
99 45.1 46.2 69.2#



#33
1,2-Dichloroethane-d4
Concen: 62.42 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068766.D
Acq: 01 Apr 2021 18:50

Tgt Ion: 65 Resp: 14846
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.0

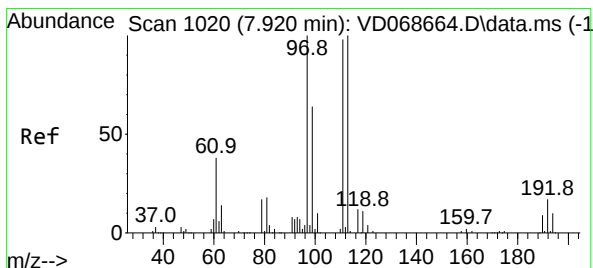
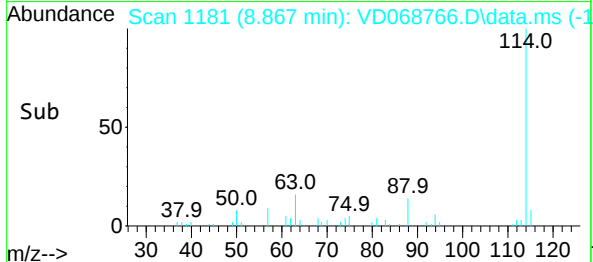
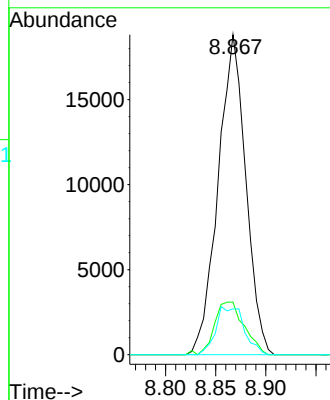
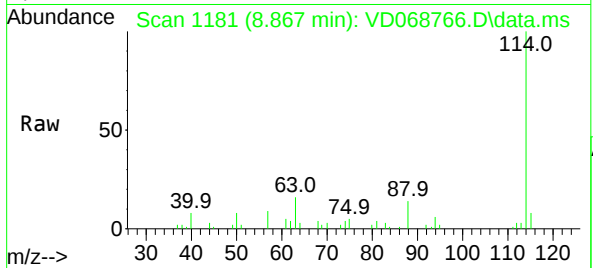




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068766.D
Acq: 01 Apr 2021 18:50

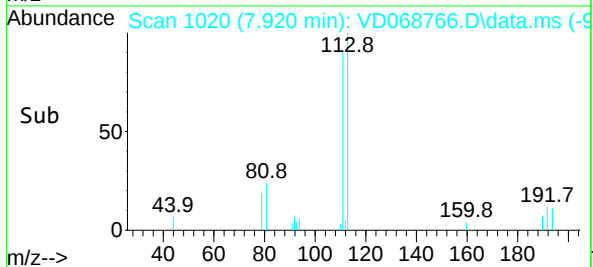
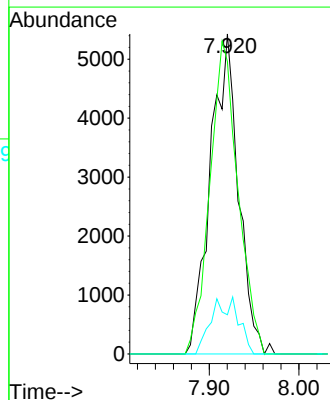
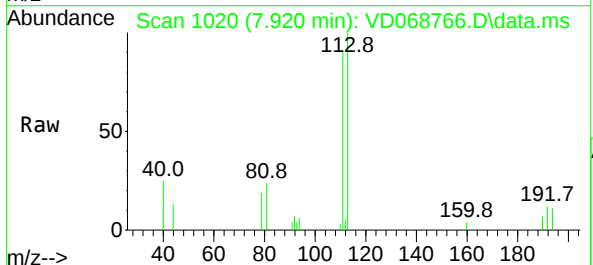
Instrument :
MSVOA_D
ClientSampleId :
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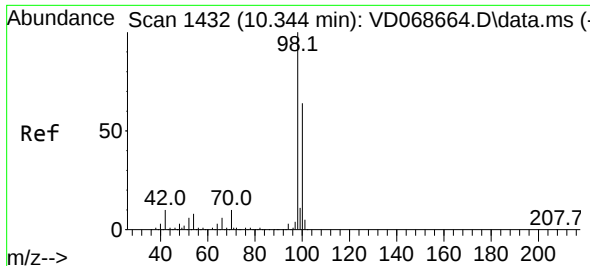
Tgt Ion:	114	Resp:	36085
Ion Ratio	Lower	Upper	
114	100		
63	16.5	0.0	38.2
88	14.3	0.0	29.4



#35
Dibromofluoromethane
Concen: 52.42 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068766.D
Acq: 01 Apr 2021 18:50

Tgt Ion:	113	Resp:	11770
Ion Ratio	Lower	Upper	
113	100		
111	98.1	82.5	123.7
192	16.9	15.1	22.7

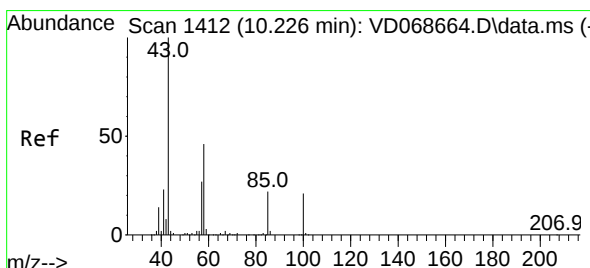
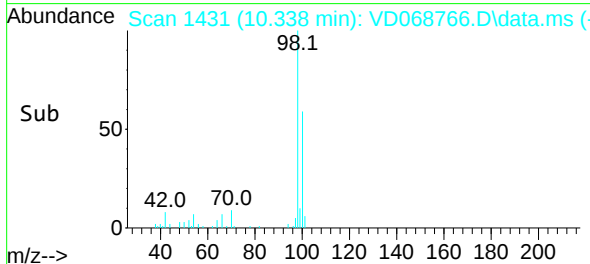
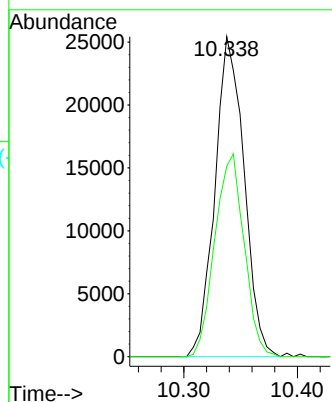
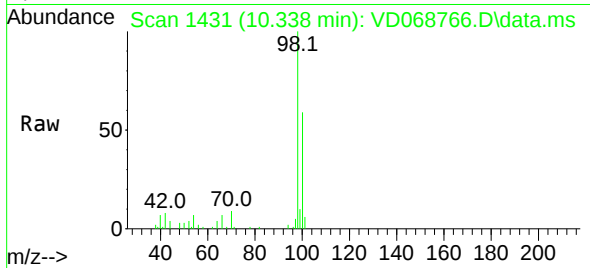




#50
Toluene-d8
Concen: 52.39 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068766.D
Acq: 01 Apr 2021 18:50

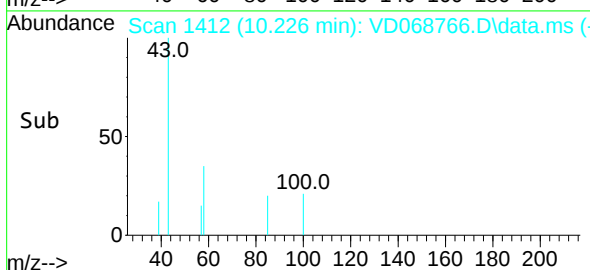
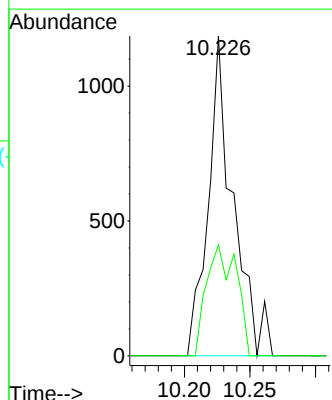
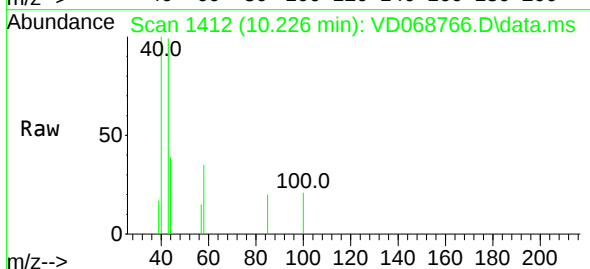
Instrument :
MSVOA_D
ClientSampleId :
RO-124027RE

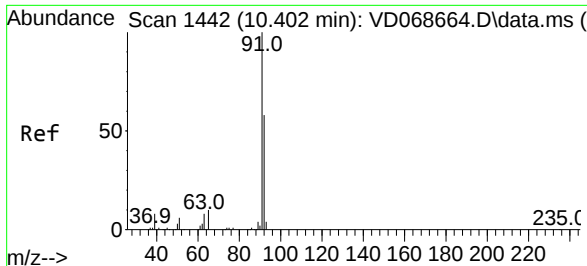
Tgt Ion: 98 Resp: 45349
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 15.44 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD068766.D
Acq: 01 Apr 2021 18:50

Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
58 41.6 37.3 55.9

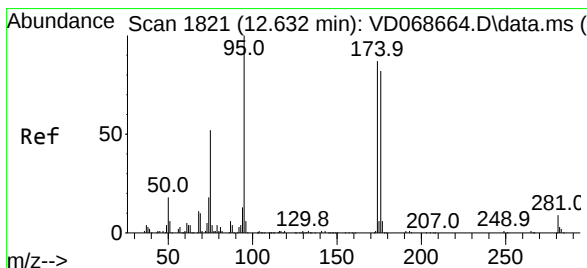
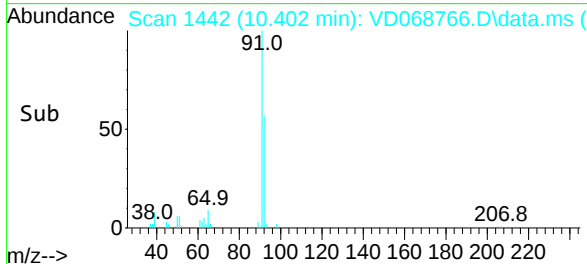
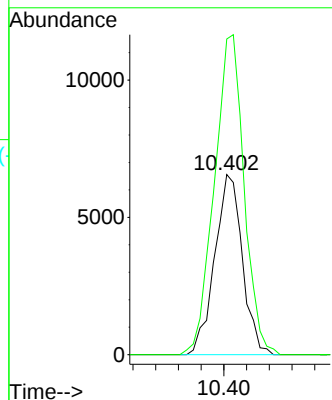
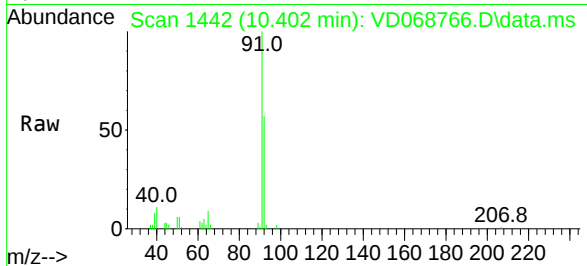




#52
Toluene
Concen: 18.60 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VD068766.D
Acq: 01 Apr 2021 18:50

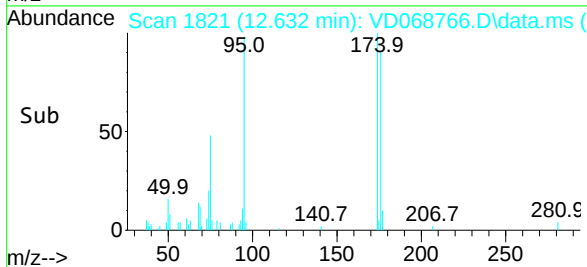
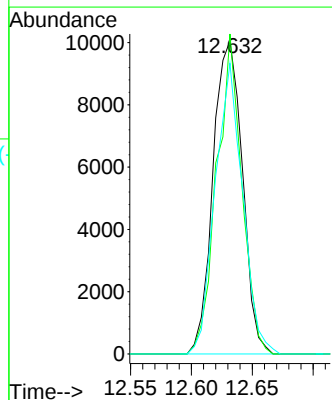
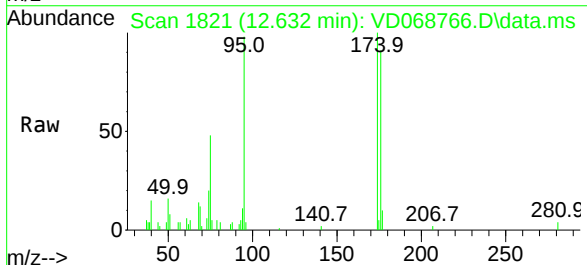
Instrument :
MSVOA_D
ClientSampleId :
RO-124027RE

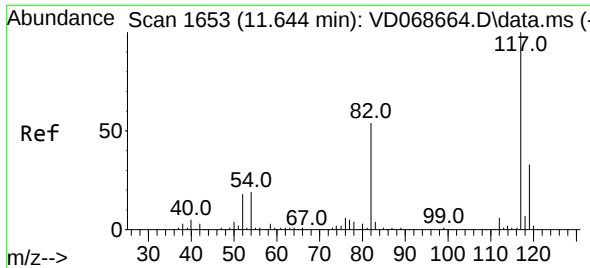
Tgt Ion: 92 Resp: 11070
Ion Ratio Lower Upper
92 100
91 191.2 139.1 208.7



#62
4-Bromofluorobenzene
Concen: 59.94 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068766.D
Acq: 01 Apr 2021 18:50

Tgt Ion: 95 Resp: 16822
Ion Ratio Lower Upper
95 100
174 87.5 0.0 168.0
176 87.2 0.0 160.2

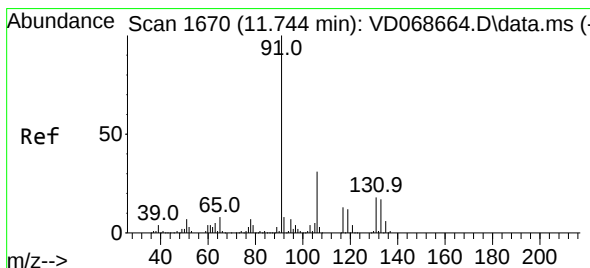
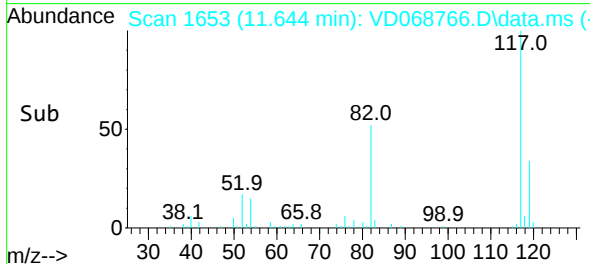
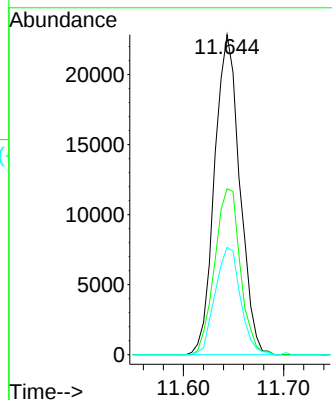
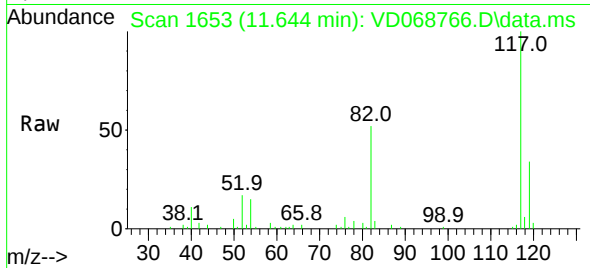




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068766.D
Acq: 01 Apr 2021 18:50

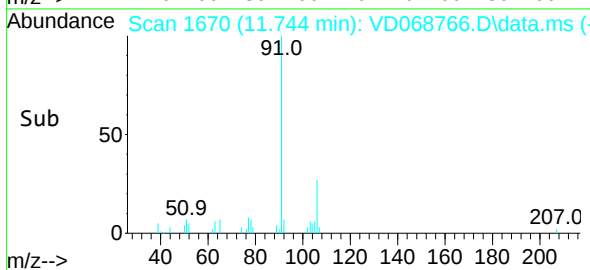
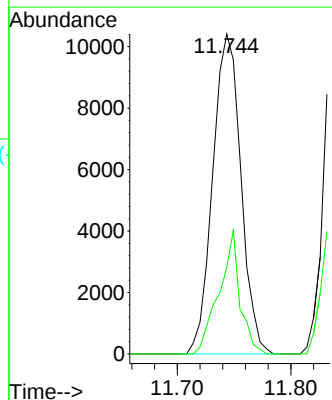
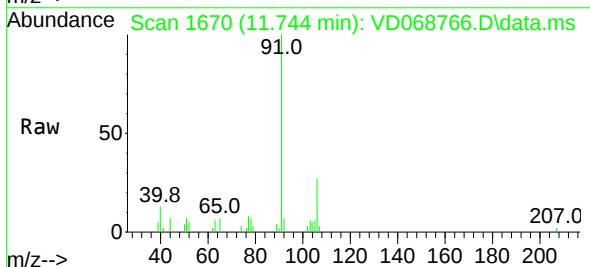
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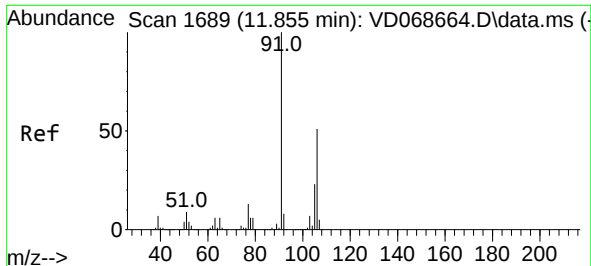
Tgt Ion:	117	Resp:	39898
Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.5	65.3
119	33.6	26.7	40.1



#67
Ethyl Benzene
Concen: 13.10 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068766.D
Acq: 01 Apr 2021 18:50

Tgt Ion:	91	Resp:	17942
Ion	Ratio	Lower	Upper
91	100		
106	26.9	25.1	37.7

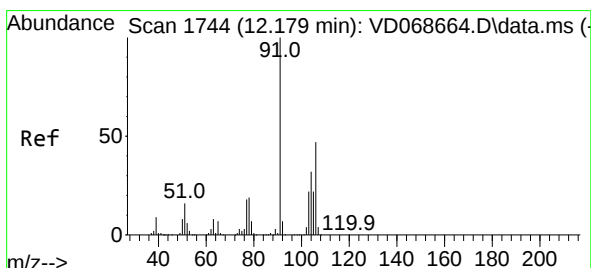
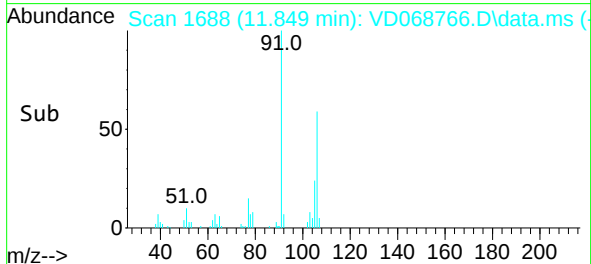
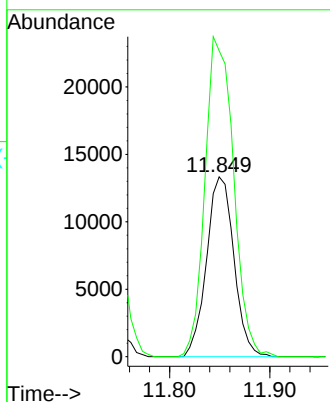
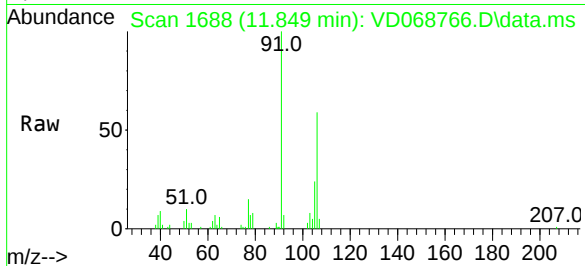




#68
m/p-Xylenes
Concen: 47.44 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068766.D
Acq: 01 Apr 2021 18:50

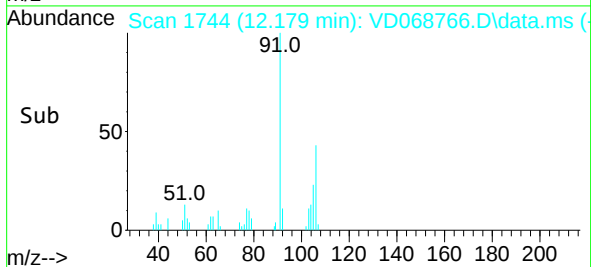
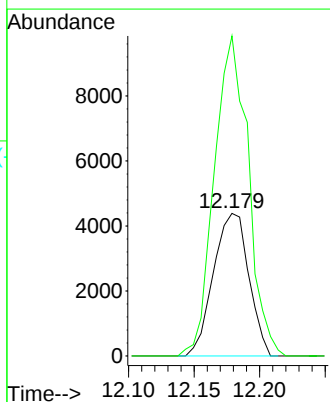
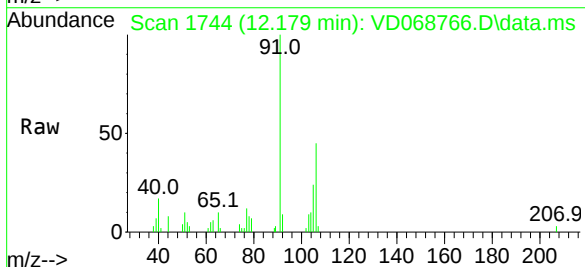
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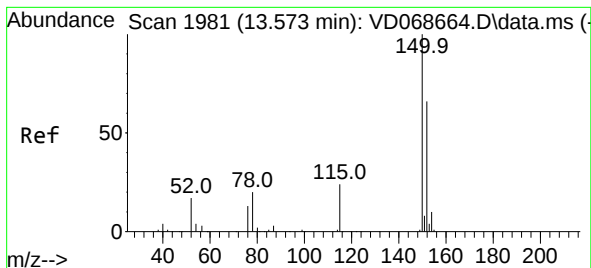
Tgt Ion:106 Resp: 25319
Ion Ratio Lower Upper
106 100
91 185.4 158.6 238.0



#69
o-Xylene
Concen: 16.63 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD068766.D
Acq: 01 Apr 2021 18:50

Tgt Ion:106 Resp: 8224
Ion Ratio Lower Upper
106 100
91 215.8 105.0 315.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

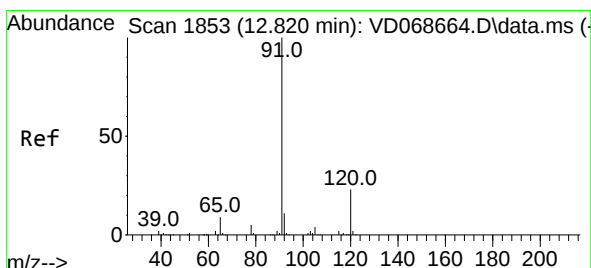
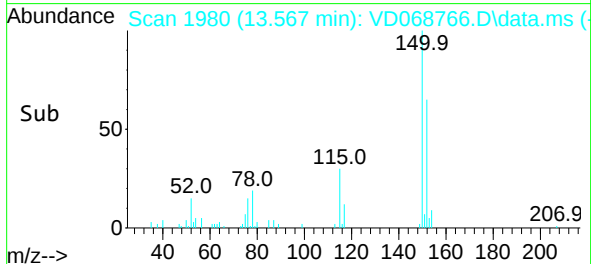
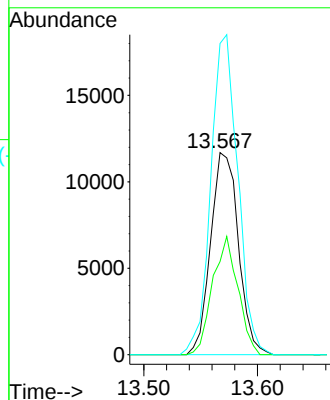
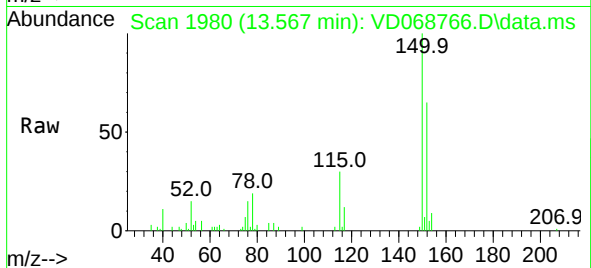
RT: 13.567 min Scan# 1980

Delta R.T. -0.006 min

Lab File: VD068766.D

Acq: 01 Apr 2021 18:50

Tgt Ion:	152	Resp:	19857
Ion	Ratio	Lower	Upper
152	100		
115	53.4	29.3	87.8
150	153.9	0.0	347.6



#78

n-propylbenzene

Concen: 1.27 ug/l

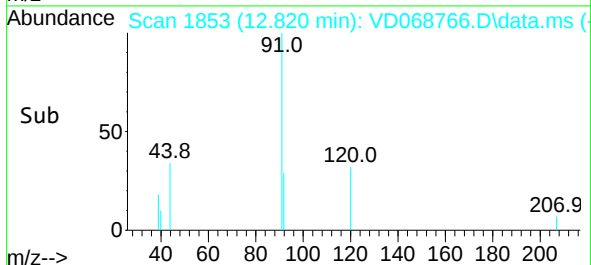
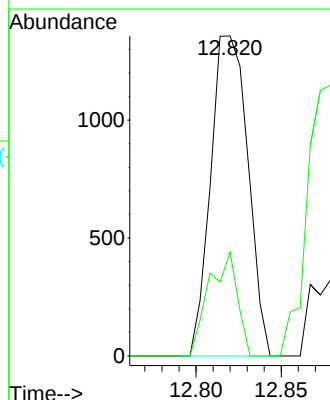
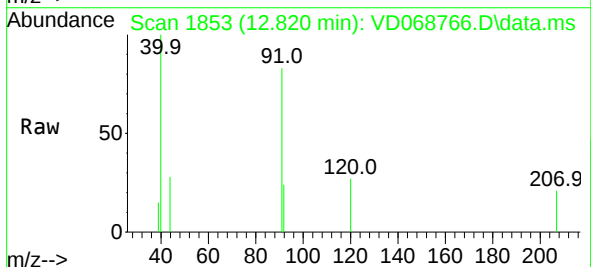
RT: 12.820 min Scan# 1853

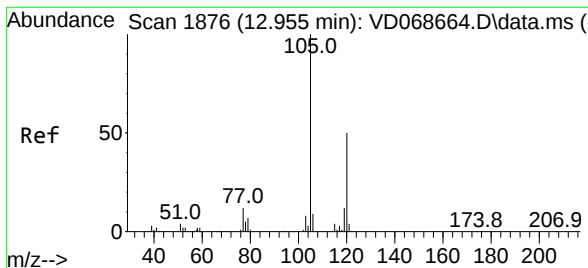
Delta R.T. -0.000 min

Lab File: VD068766.D

Acq: 01 Apr 2021 18:50

Tgt Ion:	91	Resp:	2060
Ion	Ratio	Lower	Upper
91	100		
120	24.8	11.4	34.2

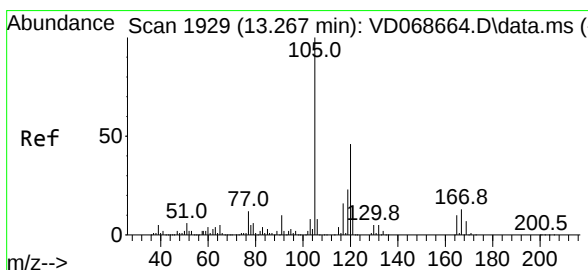
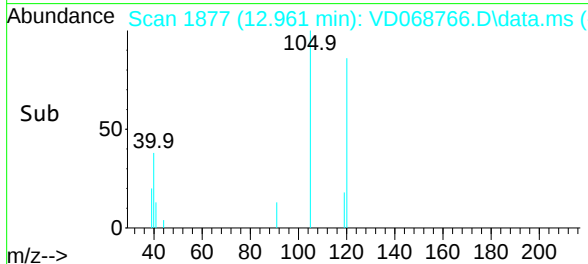
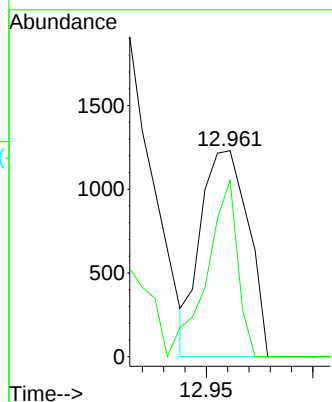
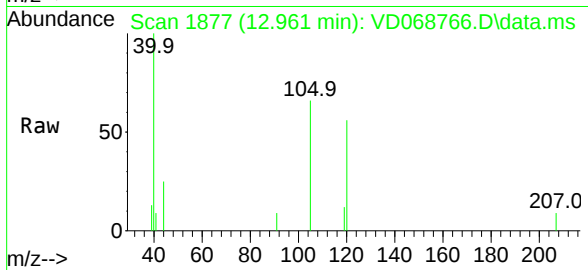




#80
1,3,5-Trimethylbenzene
Concen: 1.73 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VD068766.D
Acq: 01 Apr 2021 18:50

Instrument :
MSVOA_D
ClientSampleId :
RO-124027RE

Tgt Ion:105 Resp: 1913
Ion Ratio Lower Upper
105 100
120 55.0 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 3.87 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068766.D
Acq: 01 Apr 2021 18:50

Tgt Ion:105 Resp: 4409
Ion Ratio Lower Upper
105 100
120 48.3 22.6 67.7

