

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068755.D
 Acq On : 01 Apr 2021 13:39
 Operator : VA/SY
 Sample : M1886-03
 Misc : 6.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-124027

Quant Time: Apr 02 01:03:28 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)

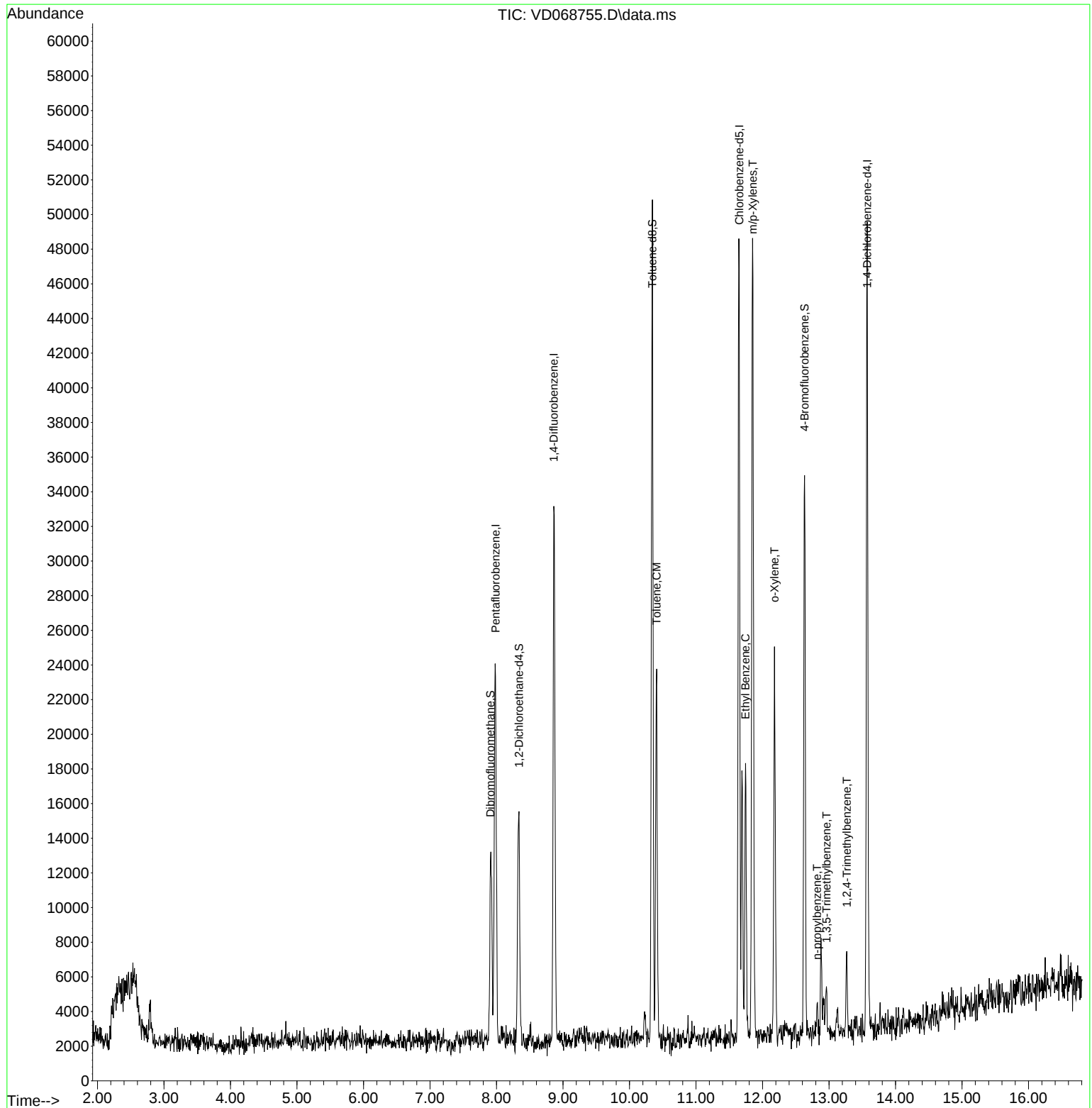
Internal Standards						
1) Pentafluorobenzene	7.985	168	16505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	27848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	29319	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	12767	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	10922	65.63	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.26%
35) Dibromofluoromethane	7.909	113	7848	45.29	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.58%
50) Toluene-d8	10.344	98	33160	49.64	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.28%
62) 4-Bromofluorobenzene	12.632	95	11256	51.97	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.94%
Target Compounds						
					Qvalue	
52) Toluene	10.408	92	8988	19.57	ug/l	90
67) Ethyl Benzene	11.744	91	12627	12.54	ug/l	98
68) m/p-Xylenes	11.855	106	15144	38.61	ug/l	97
69) o-Xylene	12.179	106	5602	15.41	ug/l	90
78) n-propylbenzene	12.820	91	1702	1.63	ug/l	# 74
80) 1,3,5-Trimethylbenzene	12.961	105	1409	1.99	ug/l	67
84) 1,2,4-Trimethylbenzene	13.267	105	2810	3.83	ug/l	95

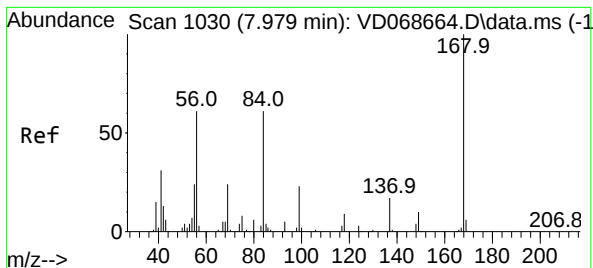
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD068755.D
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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

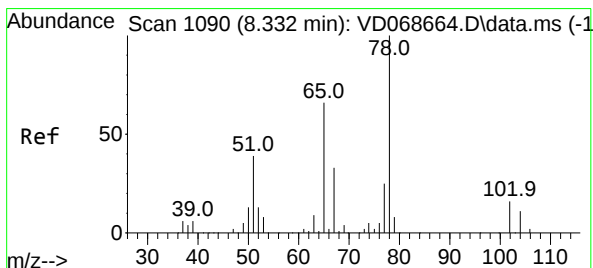
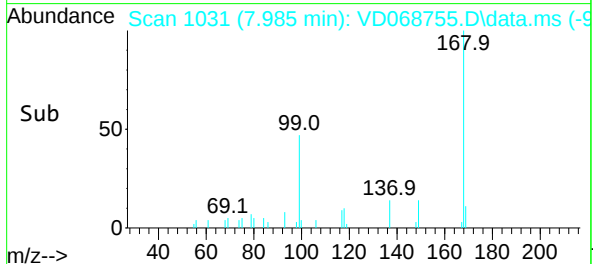
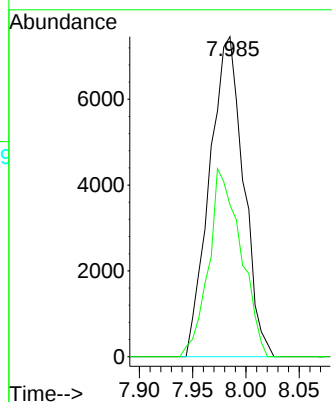
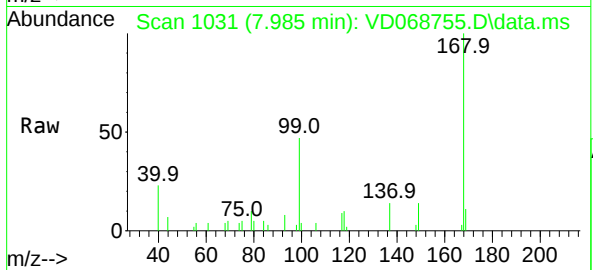




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068755.D
Acq: 01 Apr 2021 13:39

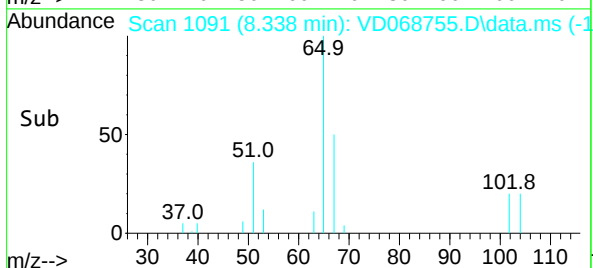
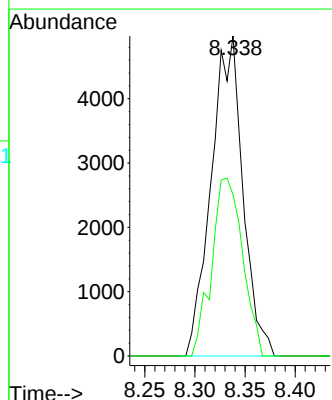
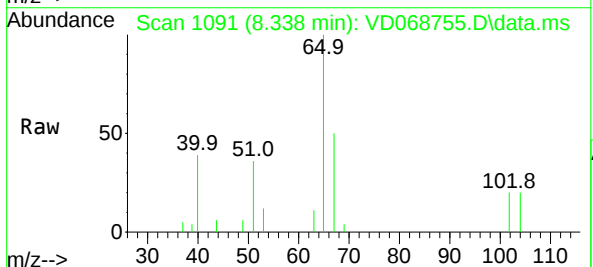
Instrument :
MSVOA_D
ClientSampleId :
RO-124027

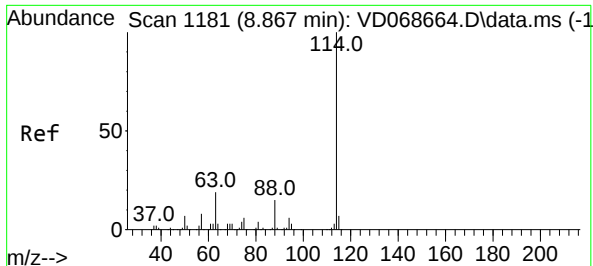
Tgt Ion:168 Resp: 16505
Ion Ratio Lower Upper
168 100
99 47.5 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 65.63 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068755.D
Acq: 01 Apr 2021 13:39

Tgt Ion: 65 Resp: 10922
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.0



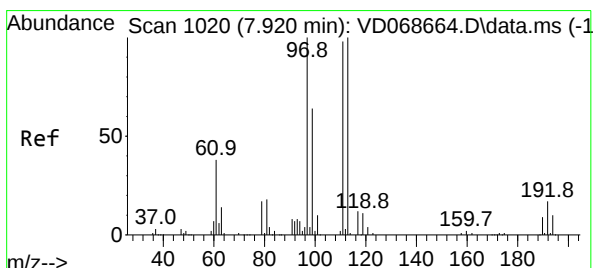
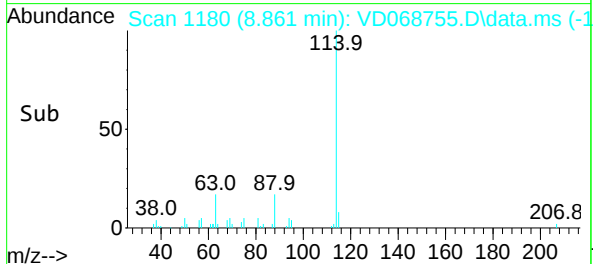
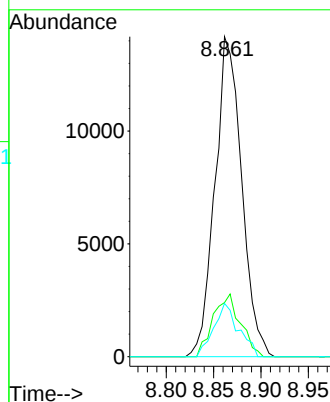
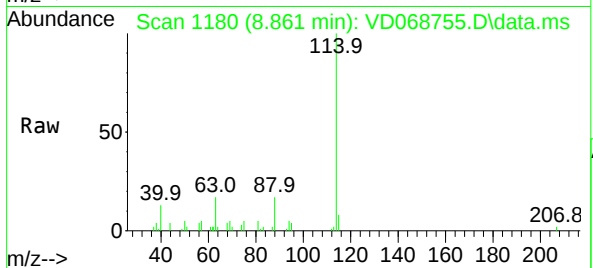


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068755.D
Acq: 01 Apr 2021 13:39

Instrument :
MSVOA_D
ClientSampleId :
RO-124027

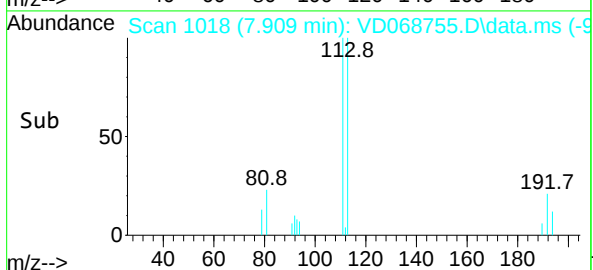
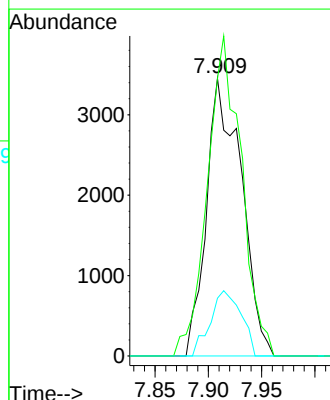
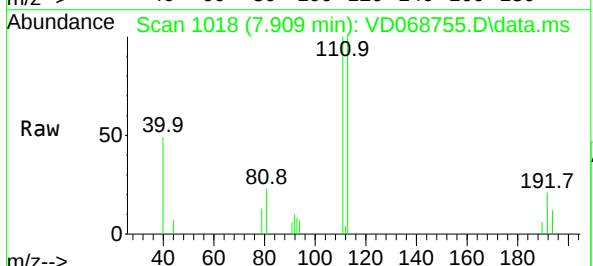
Tgt Ion:114 Resp: 27848
Ion Ratio Lower Upper
114 100
63 16.9 0.0 38.2
88 16.7 0.0 29.4

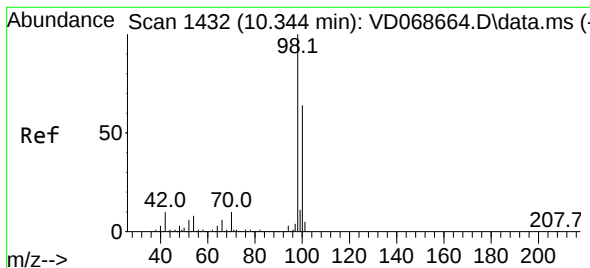


#35

Dibromofluoromethane
Concen: 45.29 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VD068755.D
Acq: 01 Apr 2021 13:39

Tgt Ion:113 Resp: 7848
Ion Ratio Lower Upper
113 100
111 112.4 82.5 123.7
192 20.9 15.1 22.7

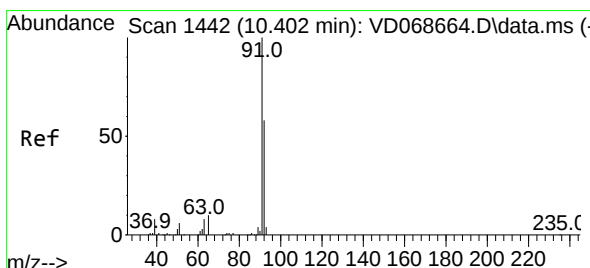
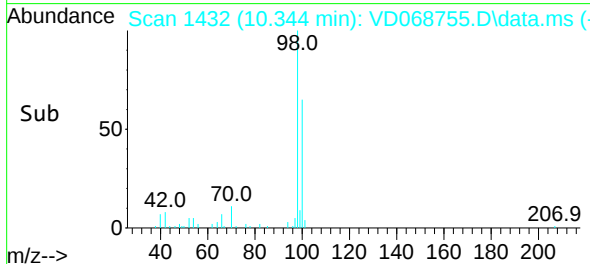
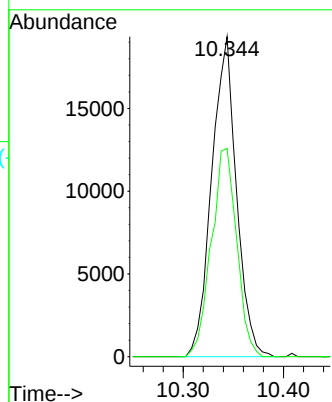
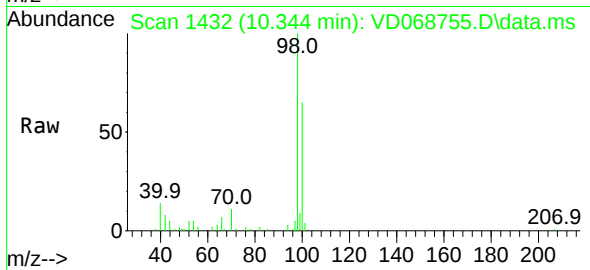




#50
Toluene-d8
Concen: 49.64 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068755.D
Acq: 01 Apr 2021 13:39

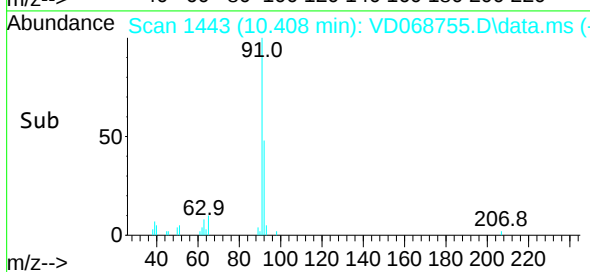
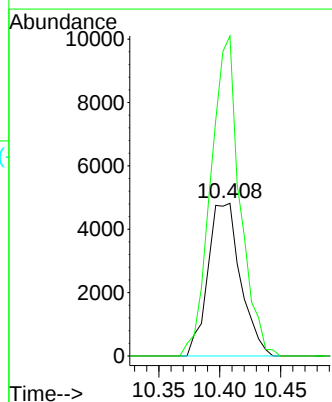
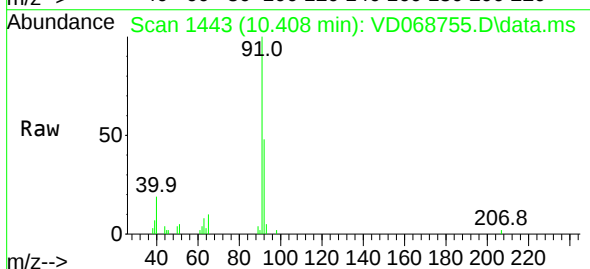
Instrument :
MSVOA_D
ClientSampleId :
RO-124027

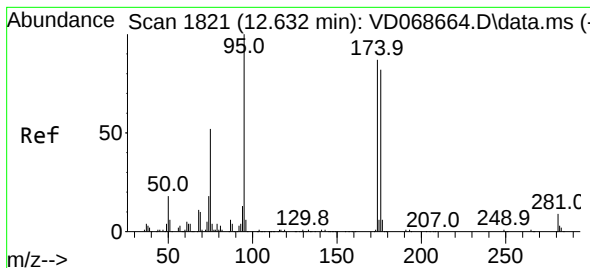
Tgt Ion: 98 Resp: 33160
Ion Ratio Lower Upper
98 100
100 66.6 51.8 77.6



#52
Toluene
Concen: 19.57 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VD068755.D
Acq: 01 Apr 2021 13:39

Tgt Ion: 92 Resp: 8988
Ion Ratio Lower Upper
92 100
91 187.5 139.1 208.7

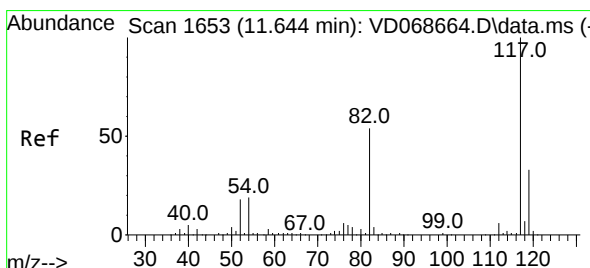
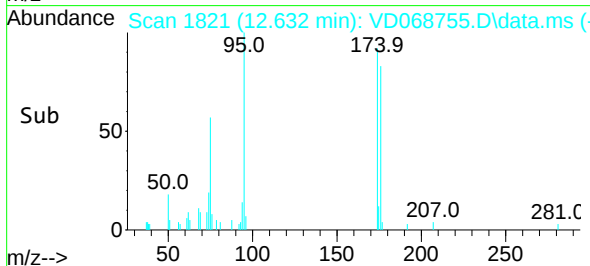
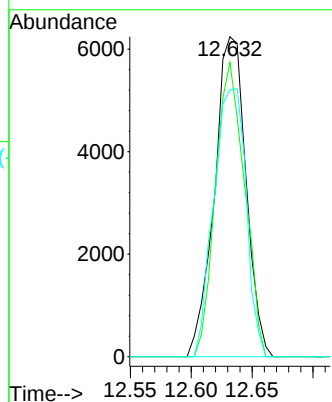
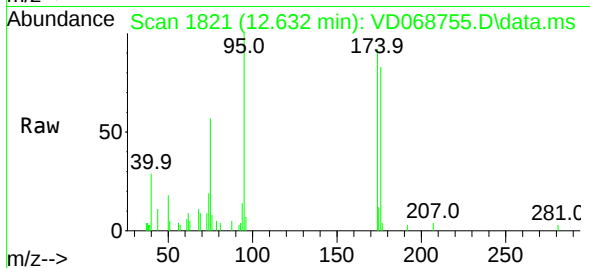




#62
4-Bromofluorobenzene
Concen: 51.97 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068755.D
Acq: 01 Apr 2021 13:39

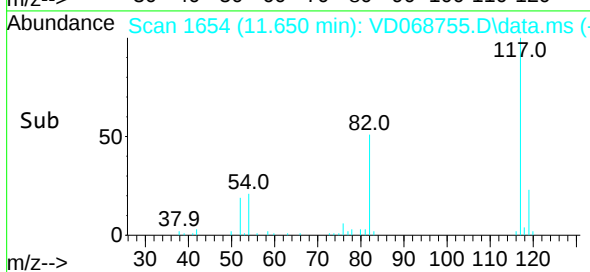
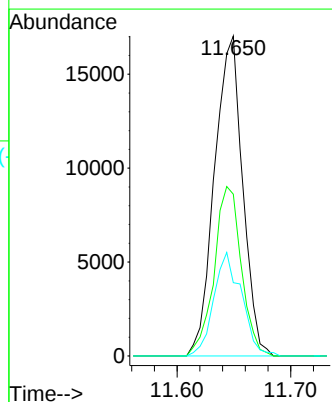
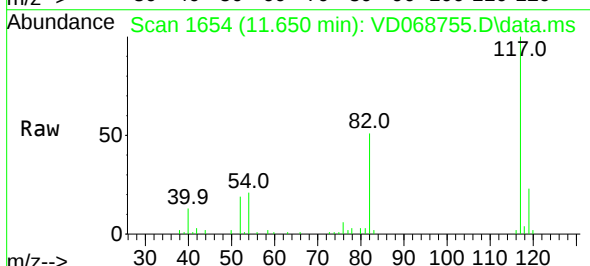
Instrument :
MSVOA_D
ClientSampleId :
RO-124027

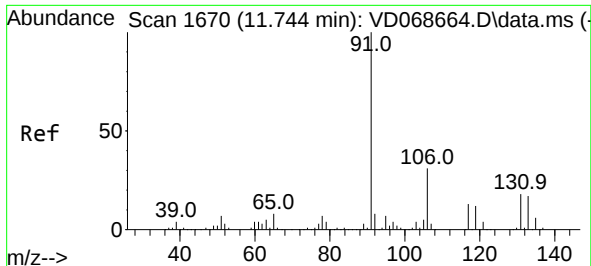
Tgt Ion:	95	Resp:	11256
Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	168.0
176	85.4	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.006 min
Lab File: VD068755.D
Acq: 01 Apr 2021 13:39

Tgt Ion:	117	Resp:	29319
Ion	Ratio	Lower	Upper
117	100		
82	50.6	43.5	65.3
119	22.9	26.7	40.1#

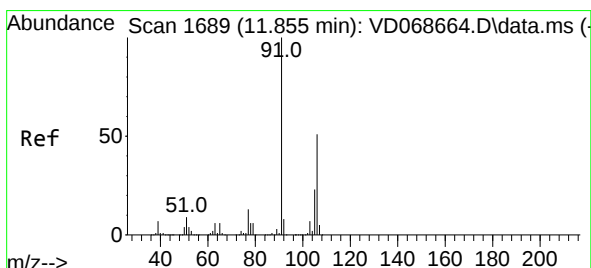
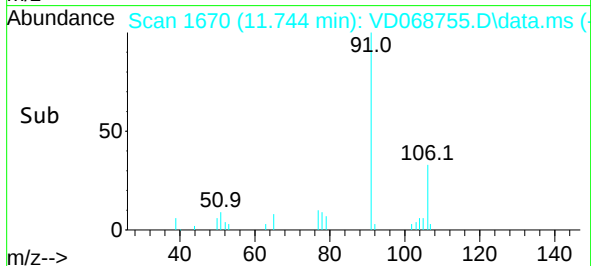
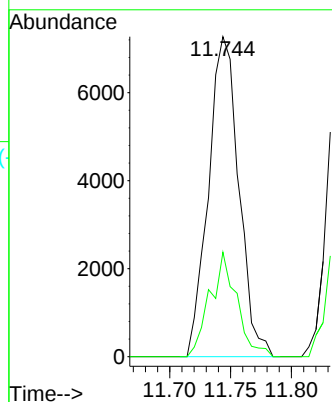
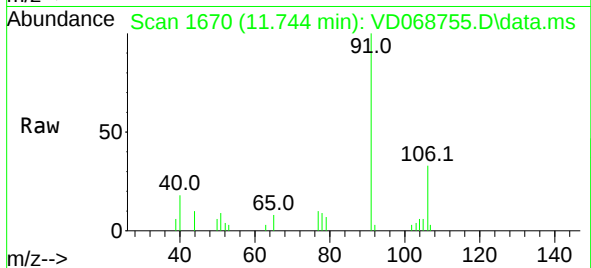




#67
Ethyl Benzene
Concen: 12.54 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068755.D
Acq: 01 Apr 2021 13:39

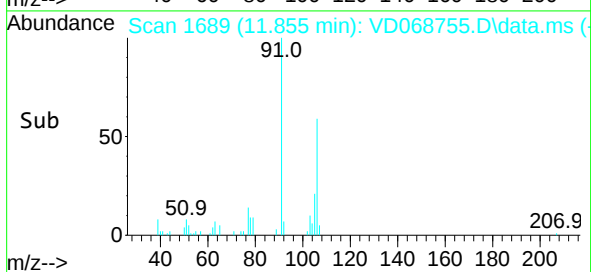
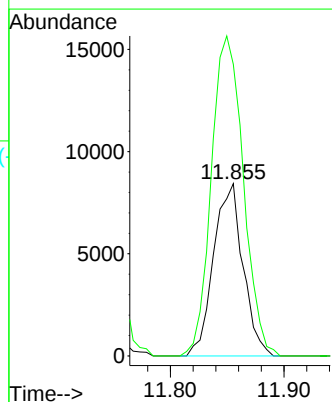
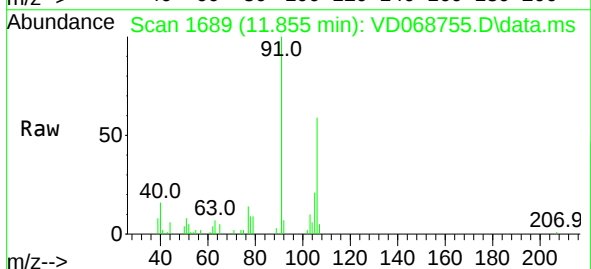
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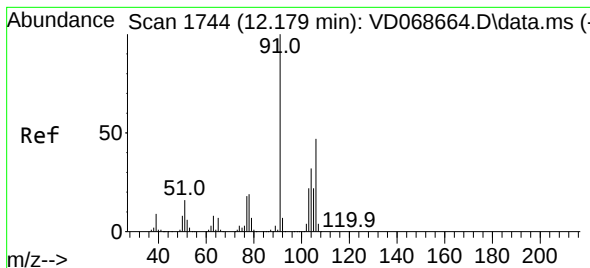
Tgt Ion: 91 Resp: 12627
Ion Ratio Lower Upper
91 100
106 32.7 25.1 37.7



#68
m/p-Xylenes
Concen: 38.61 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068755.D
Acq: 01 Apr 2021 13:39

Tgt Ion:106 Resp: 15144
Ion Ratio Lower Upper
106 100
91 202.4 158.6 238.0

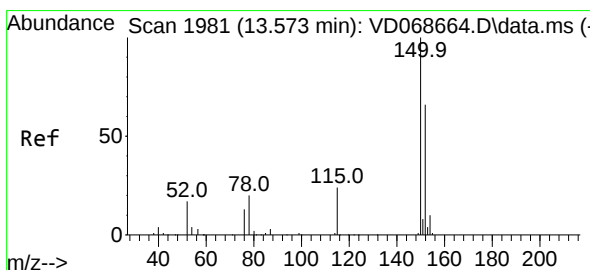
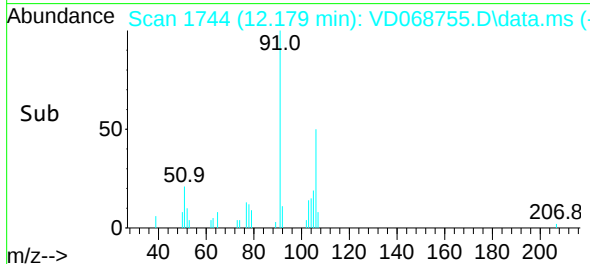
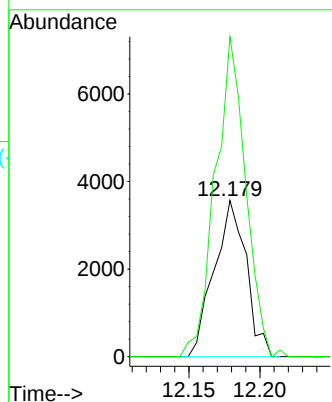
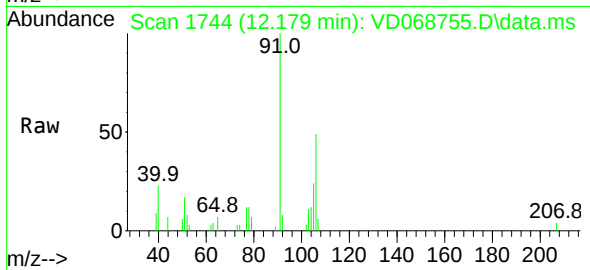




#69
o-Xylene
Concen: 15.41 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068755.D
Acq: 01 Apr 2021 13:39

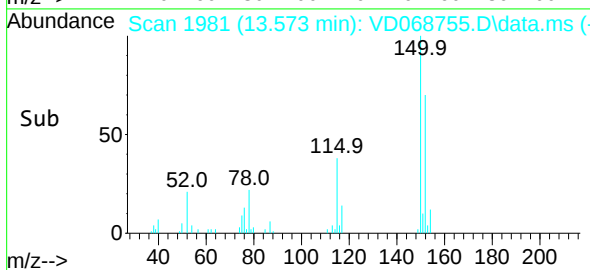
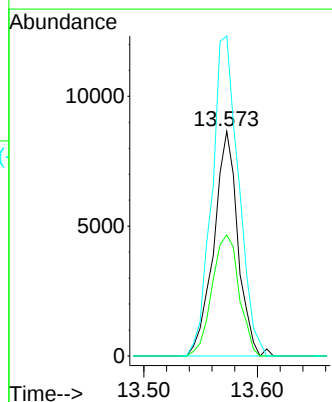
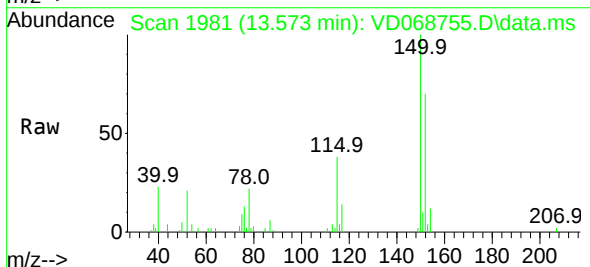
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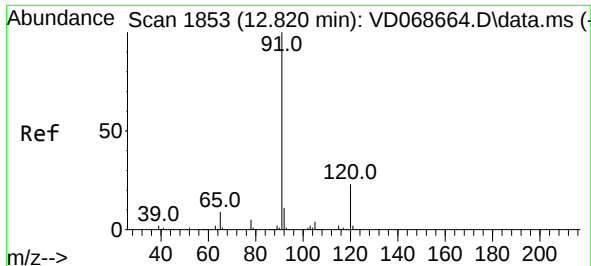
Tgt Ion:106 Resp: 5602
Ion Ratio Lower Upper
106 100
91 194.2 105.0 315.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068755.D
Acq: 01 Apr 2021 13:39

Tgt Ion:152 Resp: 12767
Ion Ratio Lower Upper
152 100
115 60.1 29.3 87.8
150 157.9 0.0 347.6

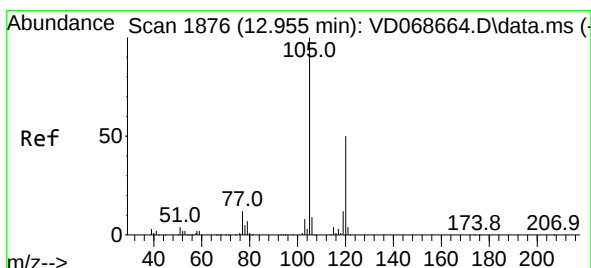
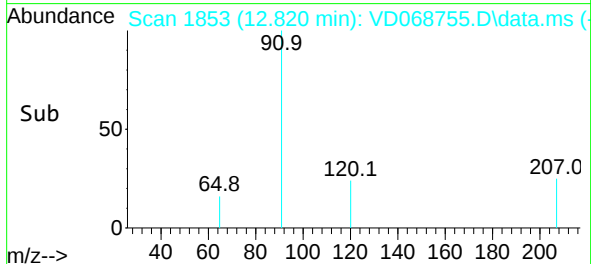
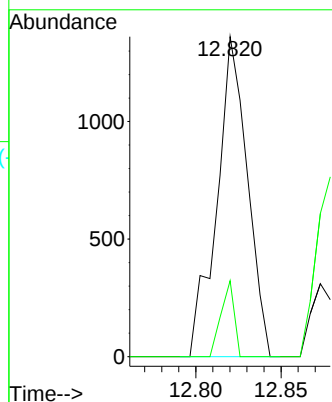
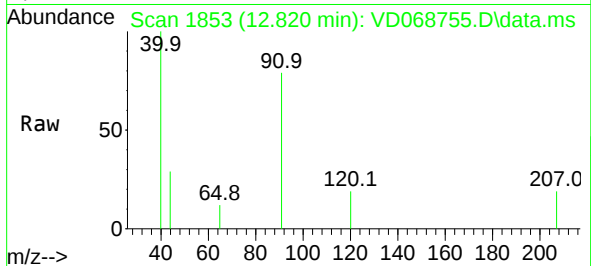




#78
n-propylbenzene
Concen: 1.63 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068755.D
Acq: 01 Apr 2021 13:39

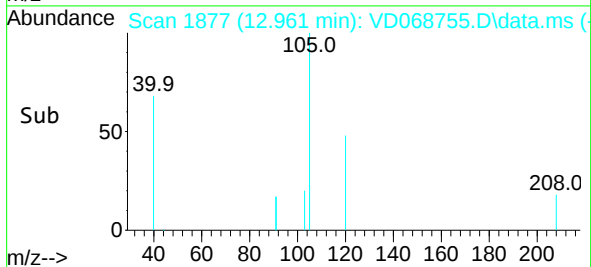
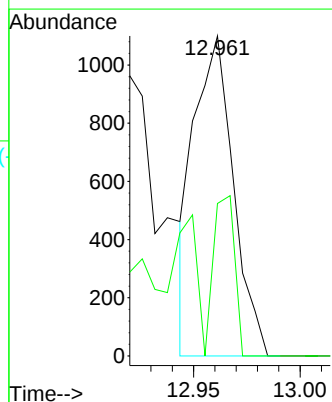
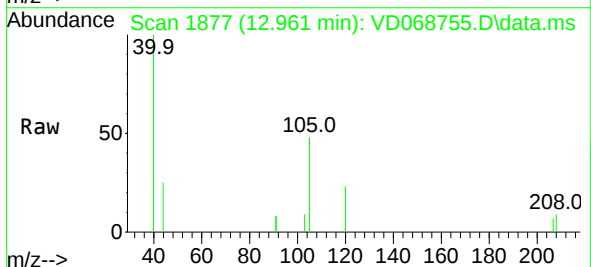
Instrument :
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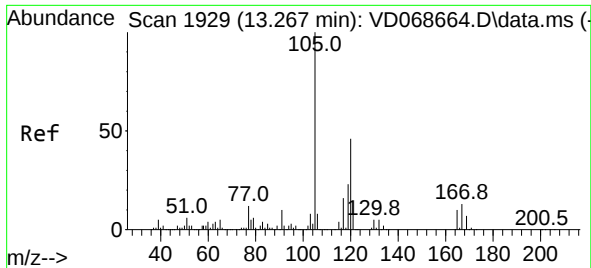
Tgt Ion: 91 Resp: 1702
Ion Ratio Lower Upper
91 100
120 10.2 11.4 34.2#



#80
1,3,5-Trimethylbenzene
Concen: 1.99 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VD068755.D
Acq: 01 Apr 2021 13:39

Tgt Ion: 105 Resp: 1409
Ion Ratio Lower Upper
105 100
120 26.9 24.9 74.7





#84
 1,2,4-Trimethylbenzene
 Concen: 3.83 ug/l
 RT: 13.267 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: VD068755.D
 Acq: 01 Apr 2021 13:39

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-124027

Tgt Ion:105 Resp: 2810
 Ion Ratio Lower Upper
 105 100
 120 48.1 22.6 67.7

