

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066458.D
 Acq On : 28 Aug 2020 14:27
 Operator : VA/SY
 Sample : L3827-07
 Misc : 6.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 789UMR-TP11-0006-01

Quant Time: Aug 29 01:19:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

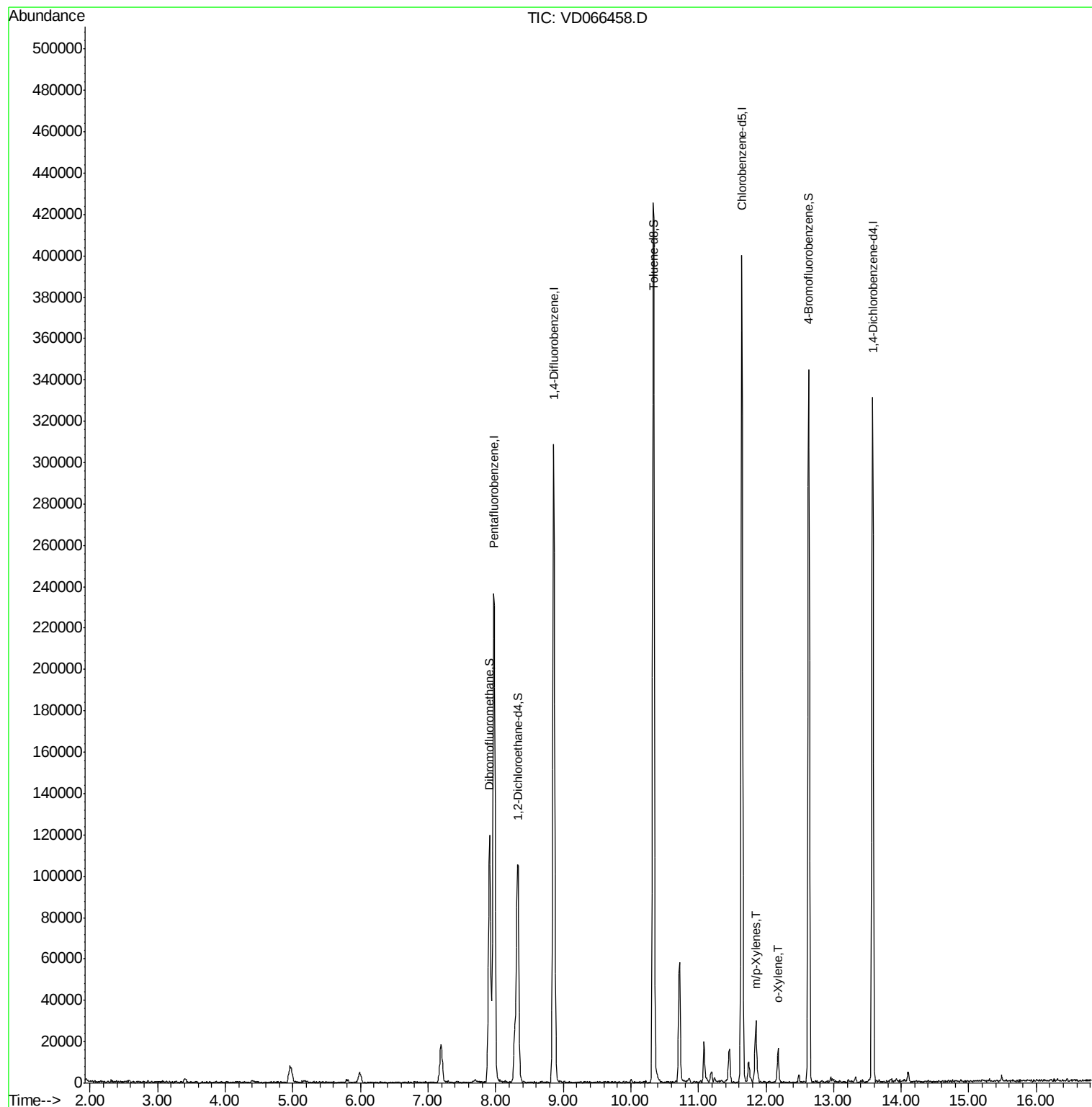
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	182452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	259237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	219392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	92434	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	102321	57.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.40%	
35) Dibromofluoromethane	7.91	113	77572	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	10.34	98	290018	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.63	95	89721	42.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.26%	
Target Compounds						
68) m/p-Xylenes	11.86	106	9998	3.414	ug/l	87
69) o-Xylene	12.18	106	4366	1.603	ug/l	88

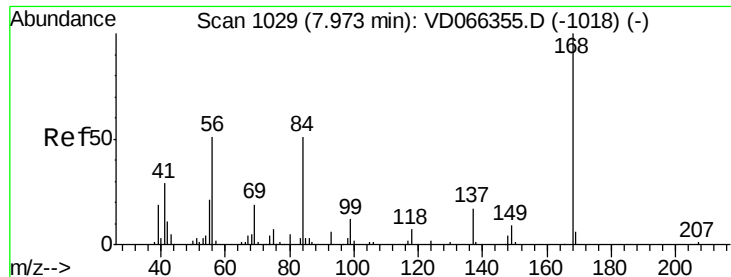
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

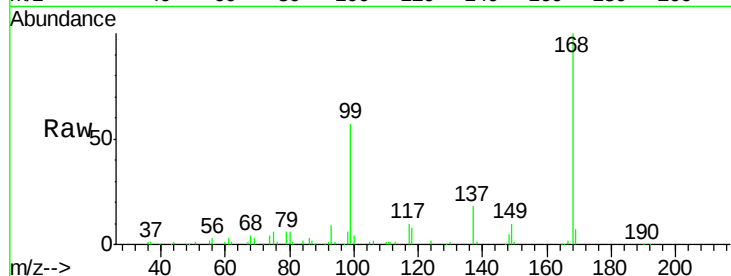
789UMR-TP11-0006-01

Tot Ion:168 Resp: 182452

Ion Ratio Lower Upper

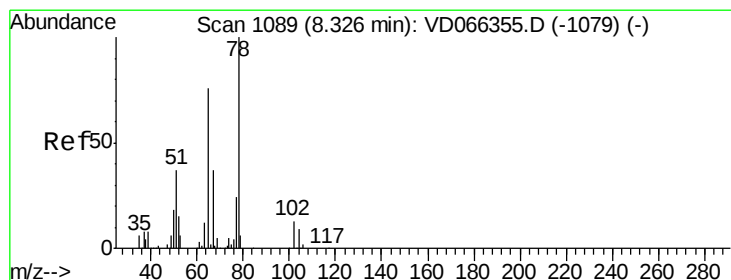
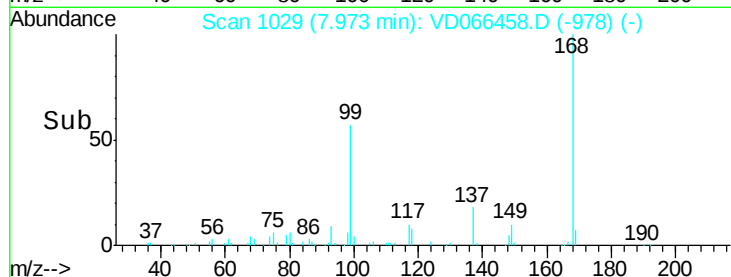
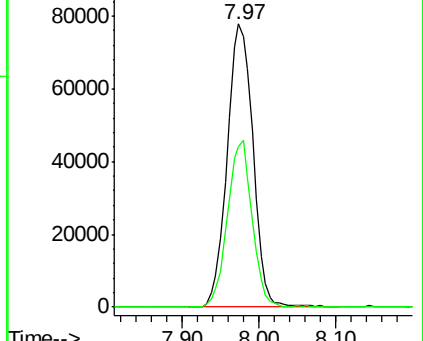
168 100

99 56.8 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 57.203 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VD066458.D

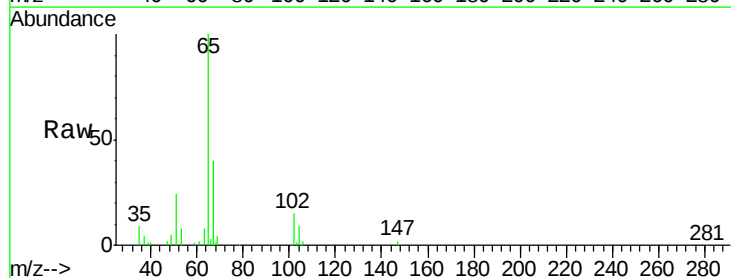
Acq: 28 Aug 2020 14:27

Tgt Ion: 65 Resp: 102321

Ion Ratio Lower Upper

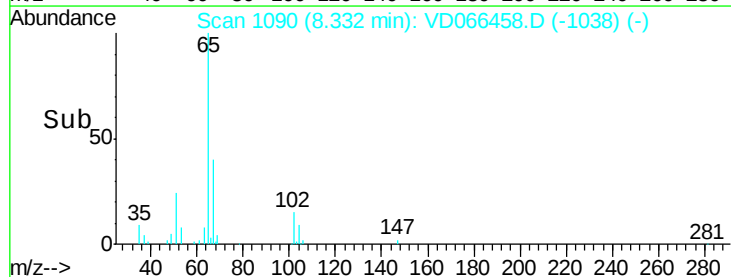
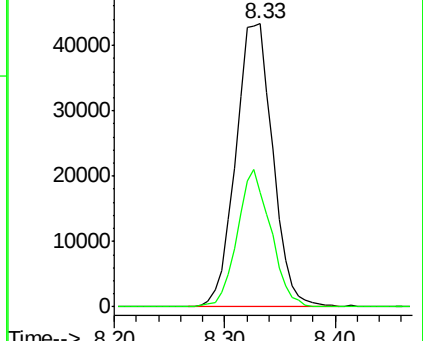
65 100

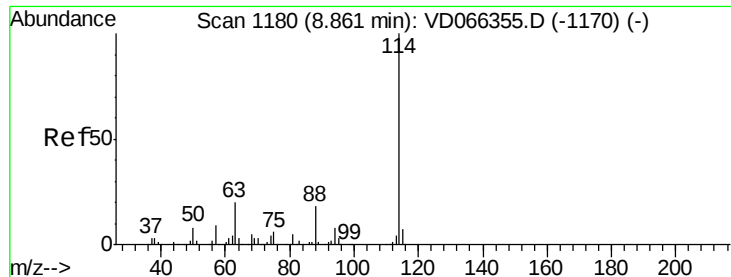
67 43.8 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

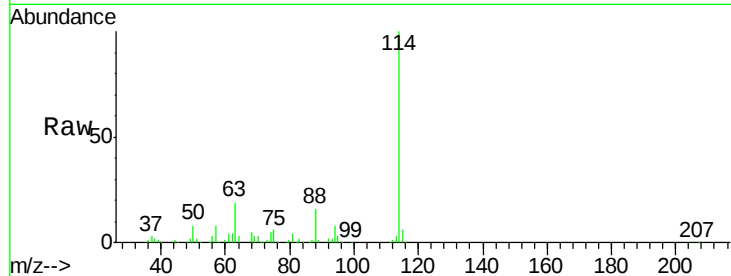




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066458.D
 Acq: 28 Aug 2020 14:27

Instrument :
 MSVOA_D
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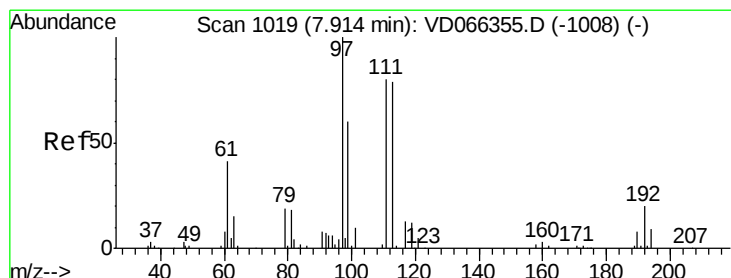
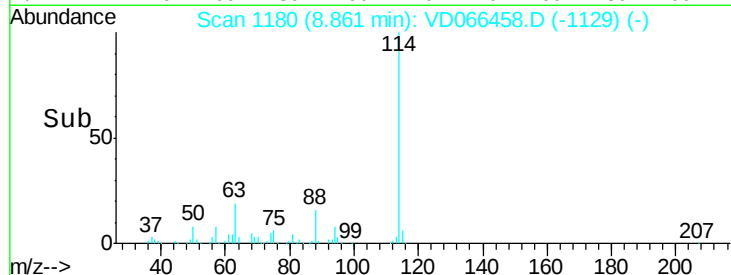
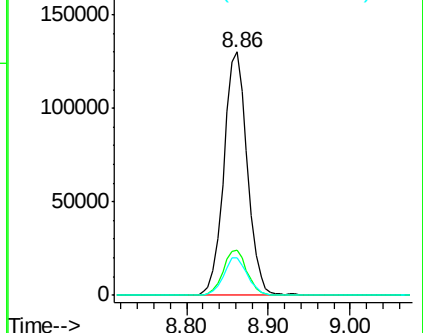
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	40.8
88	15.5	0.0	35.4



Abundance Ion 113.90 (113.60 to 114.60): V

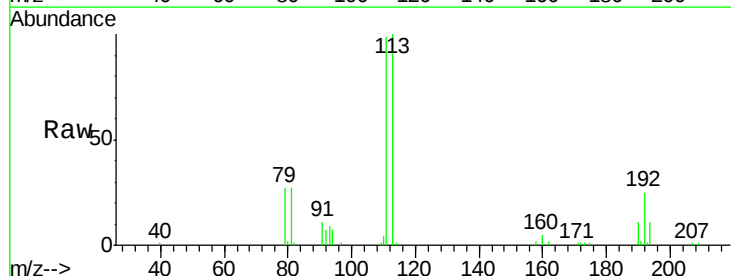
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 47.853 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066458.D
 Acq: 28 Aug 2020 14:27

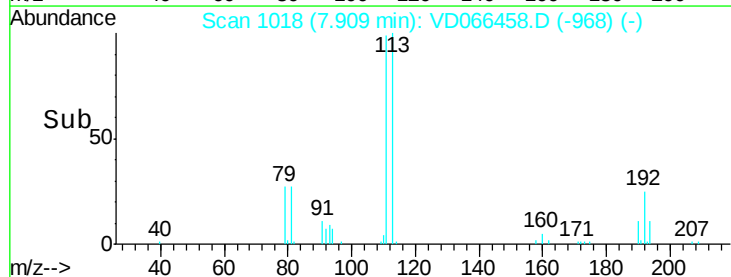
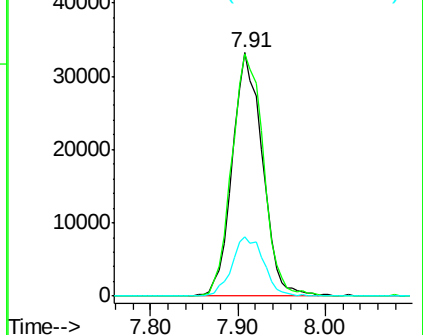
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	80.3	120.5
192	25.7	19.0	28.6

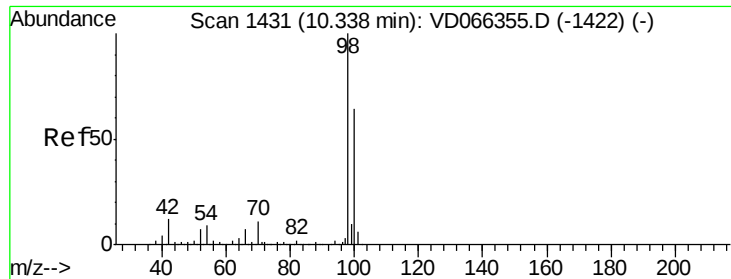


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

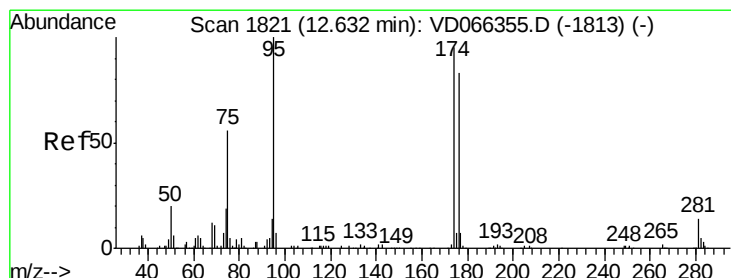
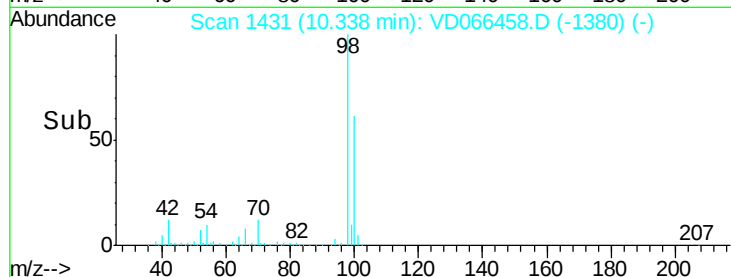
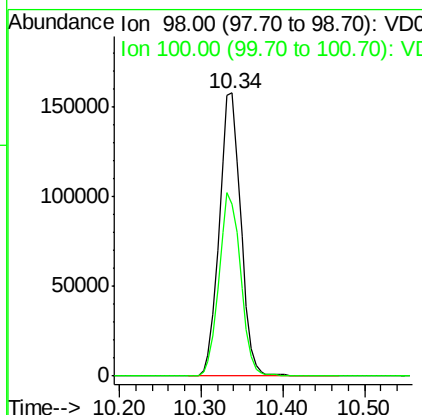
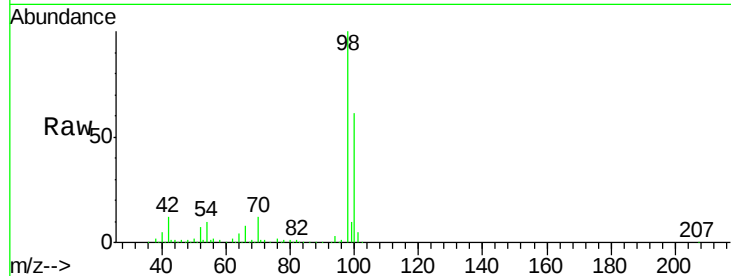




#50
Toluene-d8
Concen: 48.898 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066458.D
Acq: 28 Aug 2020 14:27

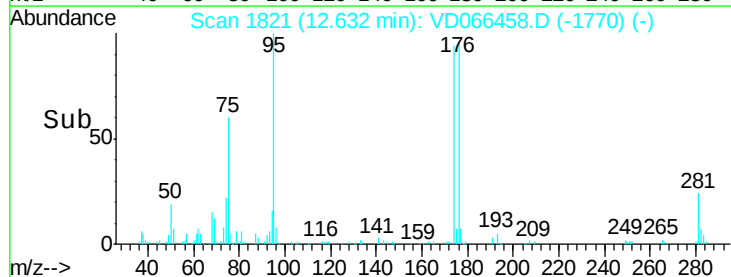
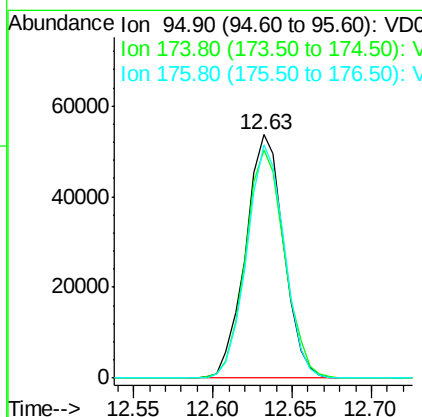
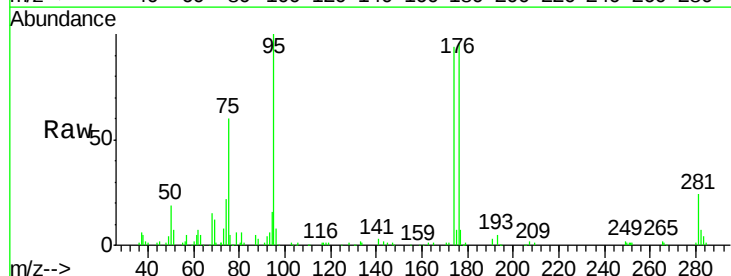
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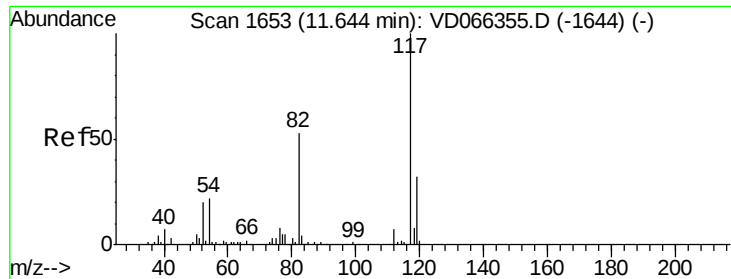
Tot Ion: 98 Resp: 290018
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 42.630 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066458.D
Acq: 28 Aug 2020 14:27

Tgt Ion: 95 Resp: 89721
Ion Ratio Lower Upper
95 100
174 95.8 0.0 183.4
176 94.3 0.0 173.8

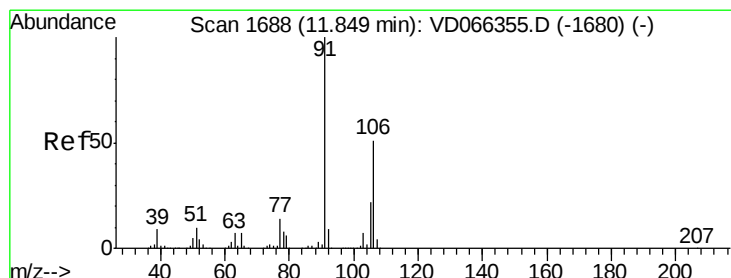
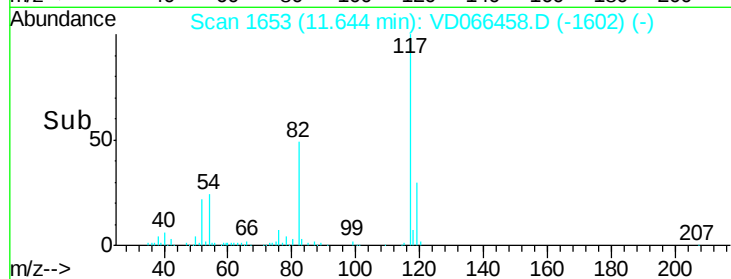
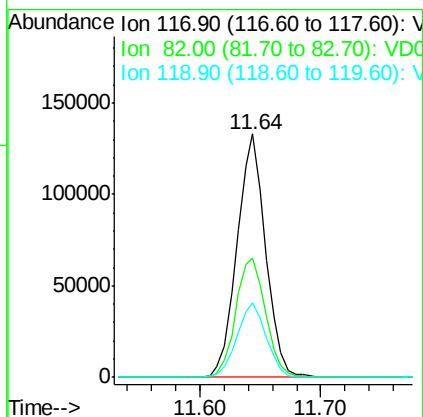
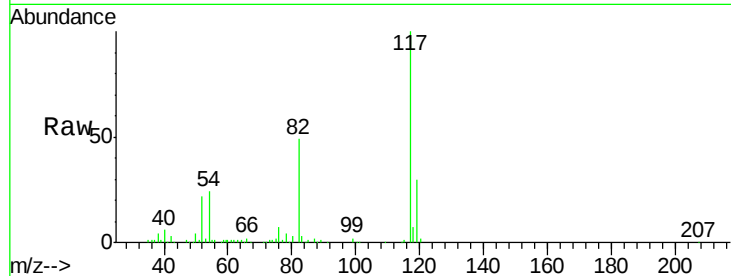




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066458.D
Acq: 28 Aug 2020 14:27

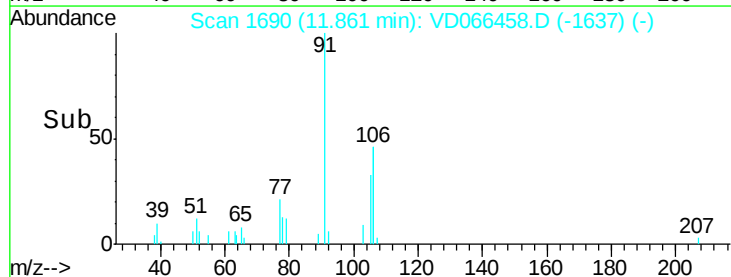
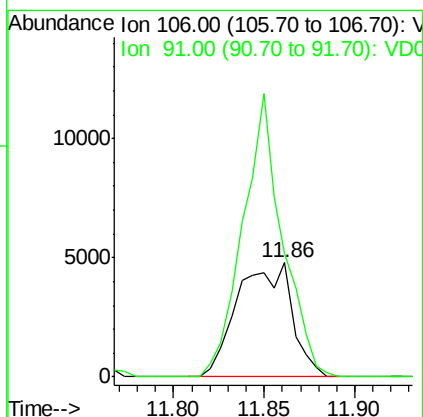
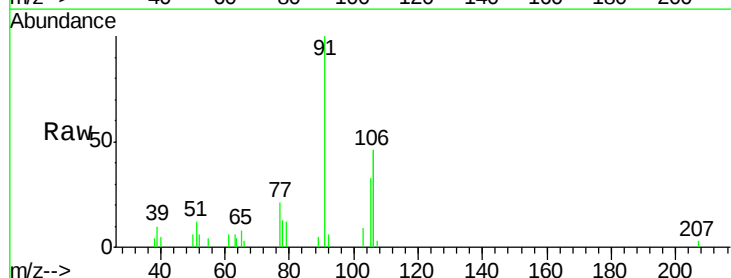
Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP11-0006-01

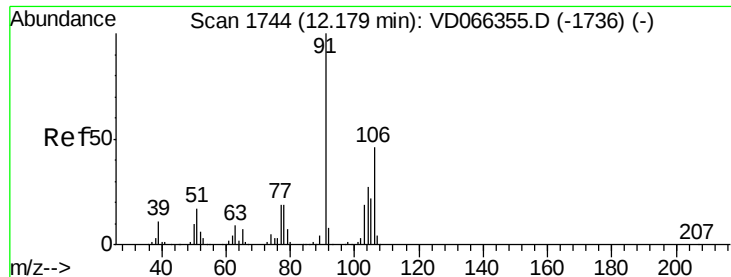
Tot Ion:117 Resp: 219392
Ion Ratio Lower Upper
117 100
82 49.0 42.8 64.2
119 30.5 25.8 38.8



#68
m/p-Xylenes
Concen: 3.414 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD066458.D
Acq: 28 Aug 2020 14:27

Tgt Ion:106 Resp: 9998
Ion Ratio Lower Upper
106 100
91 180.8 160.7 241.1

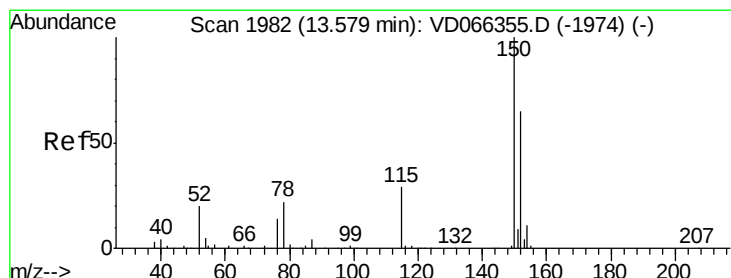
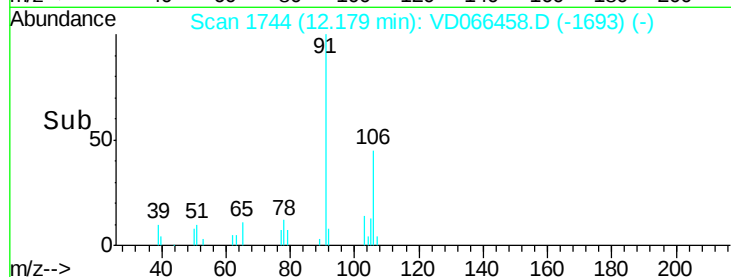
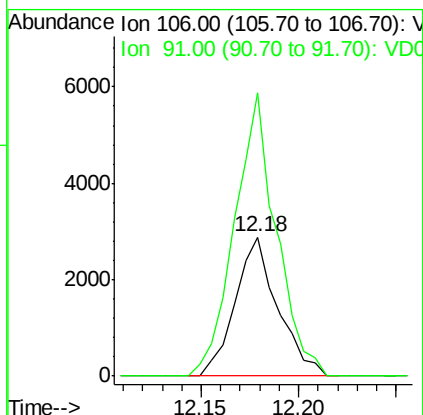
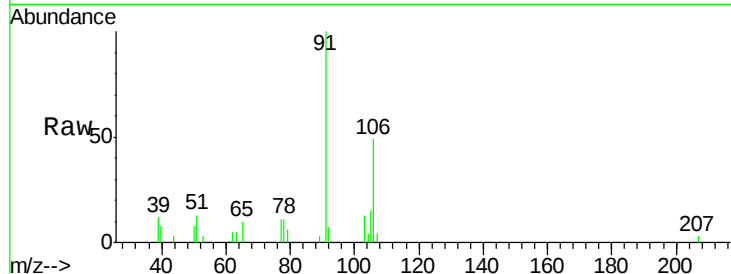




#69
o-Xylene
Concen: 1.603 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066458.D
Acq: 28 Aug 2020 14:27

Instrument :
MSVOA_D
ClientSampleId :
789UMR-TP11-0006-01

Tot Ion:106 Resp: 4366
Ion Ratio Lower Upper
106 100
91 198.9 109.1 327.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.01 min
Lab File: VD066458.D
Acq: 28 Aug 2020 14:27

Tgt Ion:152 Resp: 92434
Ion Ratio Lower Upper
152 100
115 55.4 28.3 85.0
150 154.3 0.0 343.2

