

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067188.D
 Acq On : 08 Oct 2020 12:19
 Operator : VA/SY
 Sample : L4294-03
 Misc : 8.27G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-(5)-GRAB

Quant Time: Oct 08 19:22:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

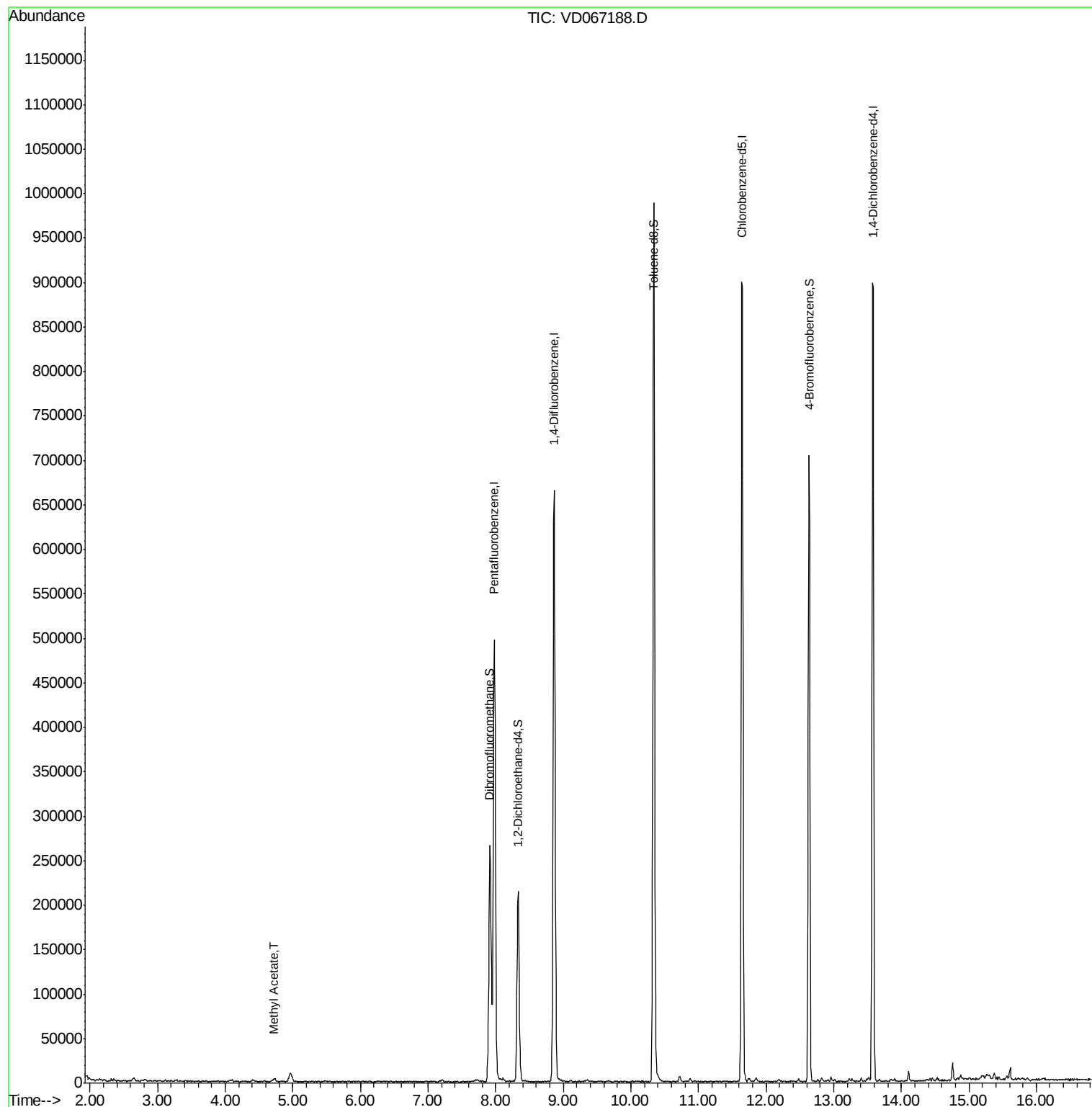
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	370126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	598052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	554802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	258201	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	179811	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
35) Dibromofluoromethane	7.92	113	192712	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	10.34	98	706478	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.64	95	228790	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
Target Compounds						
18) Methyl Acetate	4.72	43	5841	4.270	ug/l #	Qvalue 71

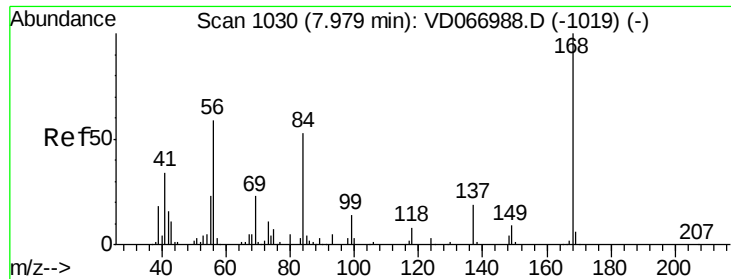
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100820\
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD067188.D

Acq: 08 Oct 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

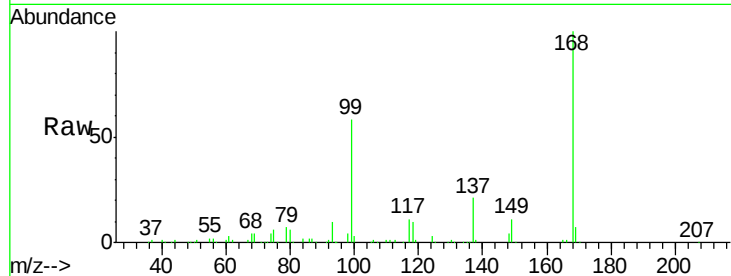
TP-(5)-GRAB

Tot Ion:168 Resp: 370126

Ion Ratio Lower Upper

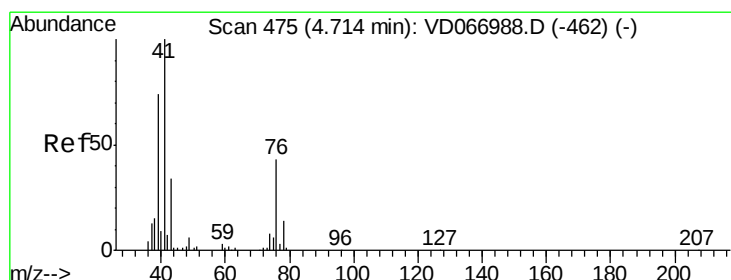
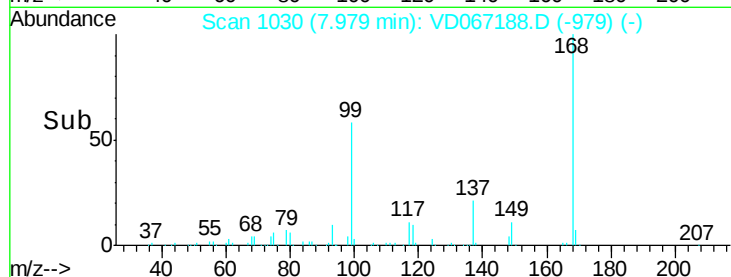
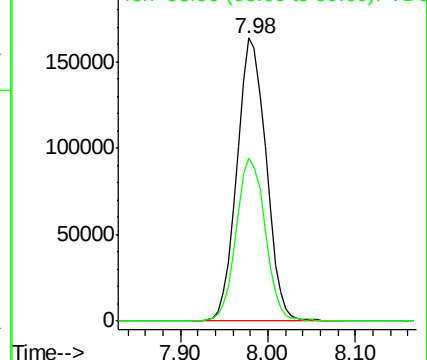
168 100

99 57.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#18

Methyl Acetate

Concen: 4.270 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067188.D

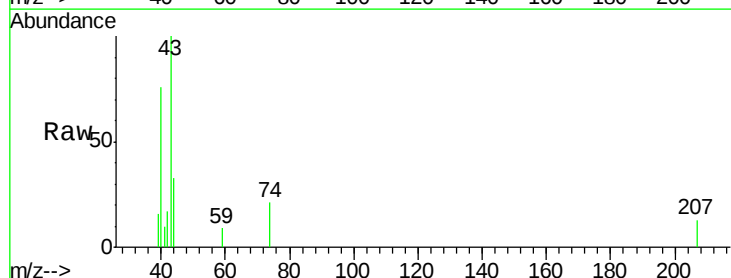
Acq: 08 Oct 2020 12:19

Tgt Ion: 43 Resp: 5841

Ion Ratio Lower Upper

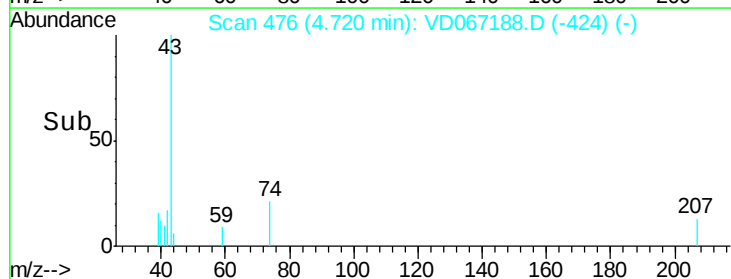
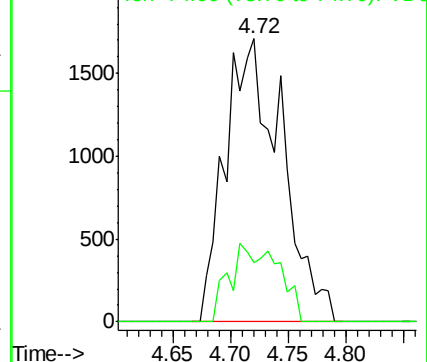
43 100

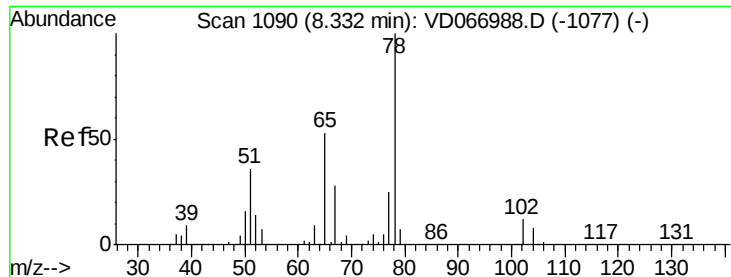
74 12.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

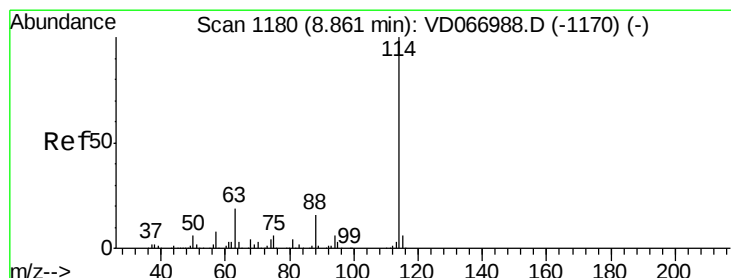
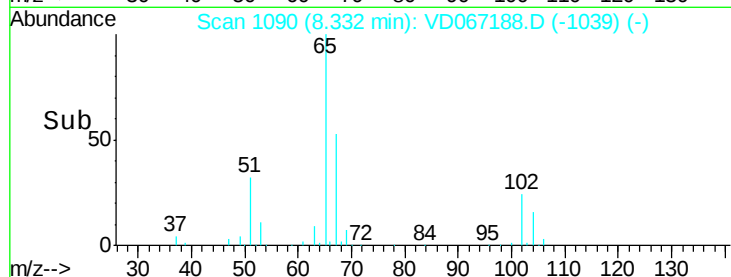
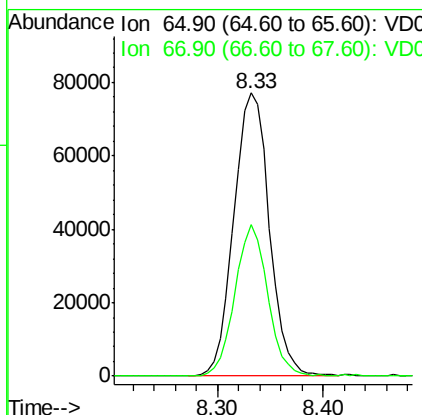
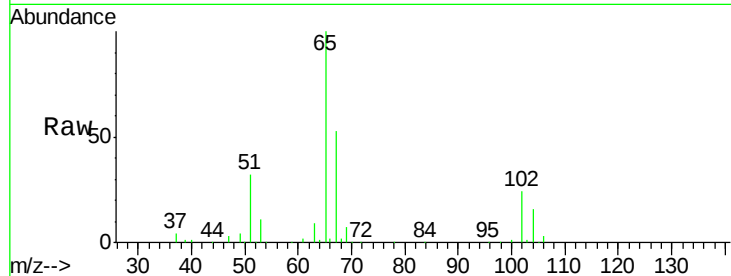




#33
 1,2-Dichloroethane-d4
 Concen: 50.437 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD067188.D
 Acq: 08 Oct 2020 12:19

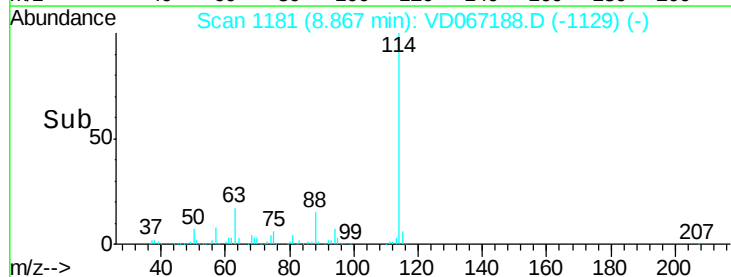
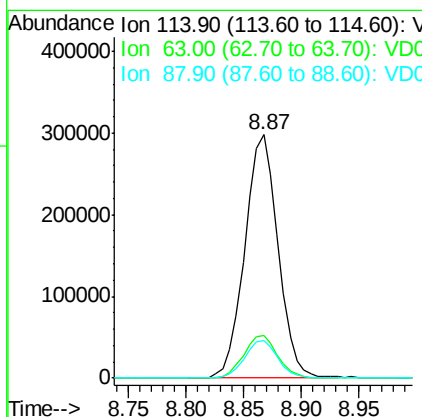
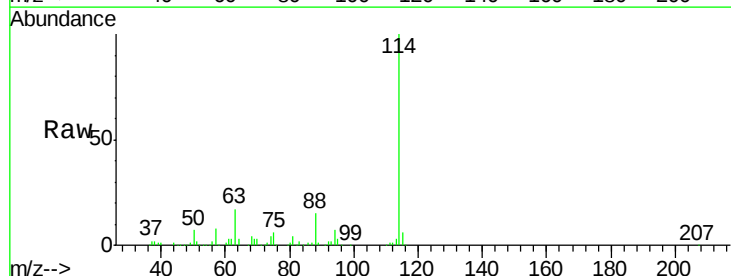
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-(5)-GRAB

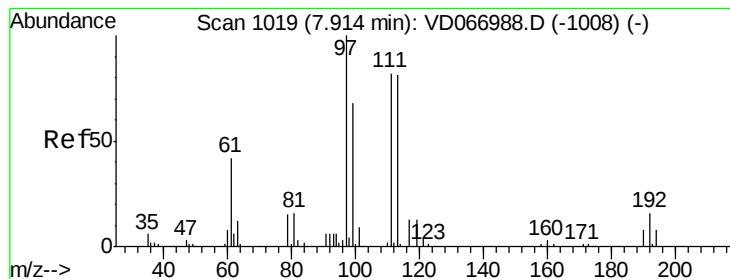
Tot Ion: 65 Resp: 179811
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067188.D
 Acq: 08 Oct 2020 12:19

Tgt Ion: 114 Resp: 598052
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 38.4
 88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.220 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067188.D

Acq: 08 Oct 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

TP-(5)-GRAB

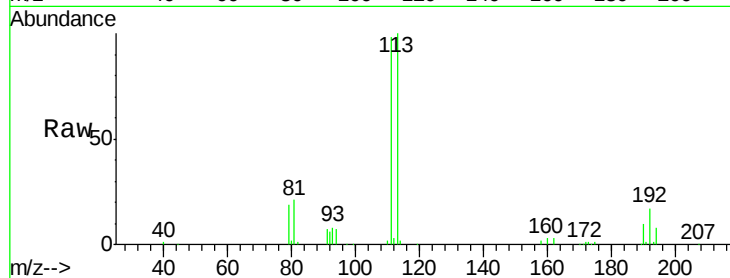
Tot Ion:113 Resp: 192712

Ion Ratio Lower Upper

113 100

111 103.9 83.0 124.4

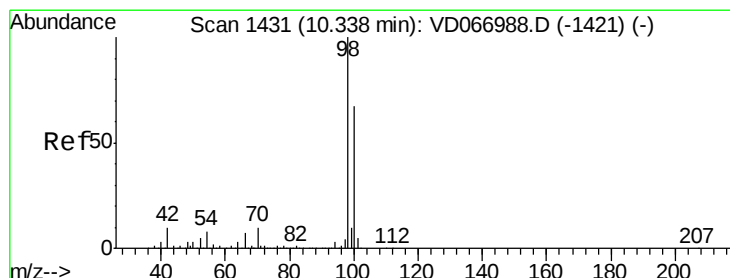
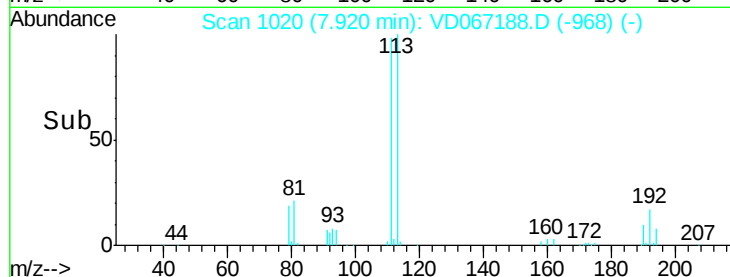
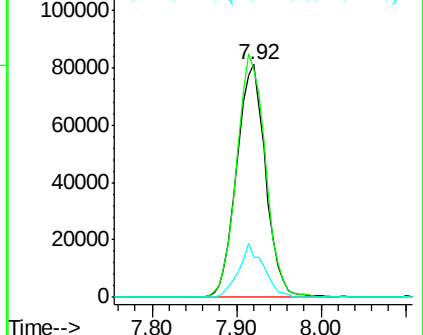
192 19.9 15.5 23.3



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: 49.518 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD067188.D

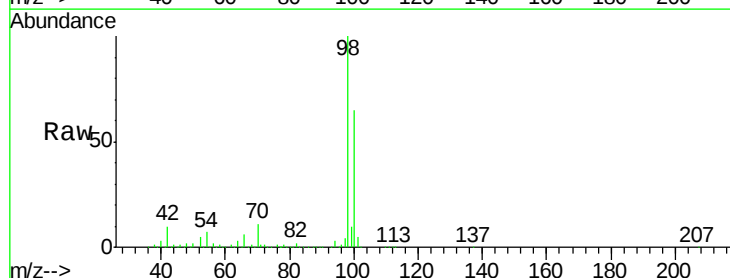
Acq: 08 Oct 2020 12:19

Tgt Ion: 98 Resp: 706478

Ion Ratio Lower Upper

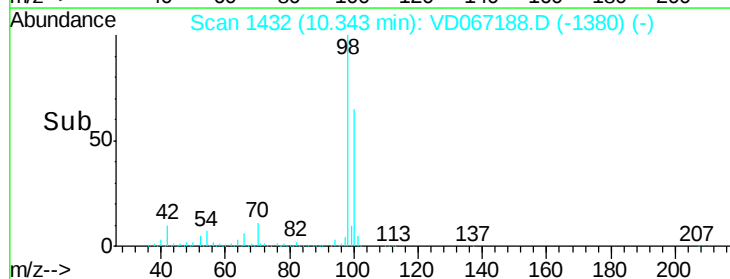
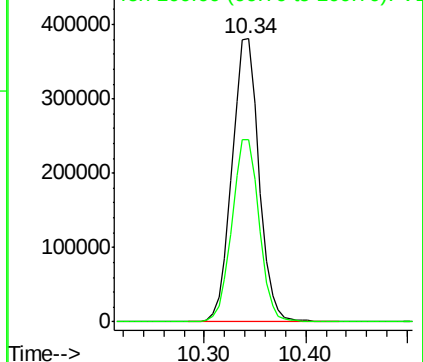
98 100

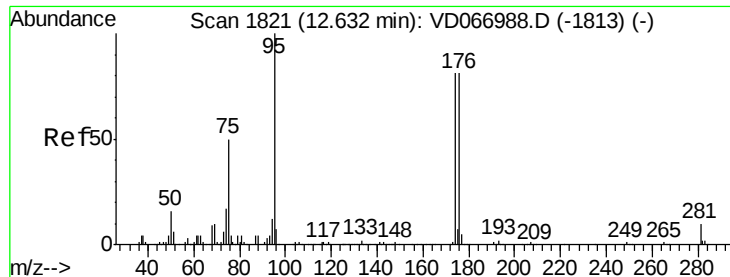
100 65.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

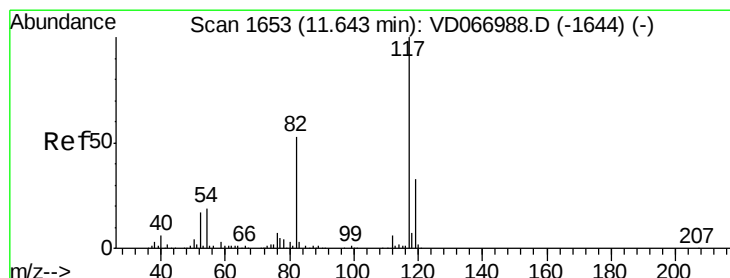
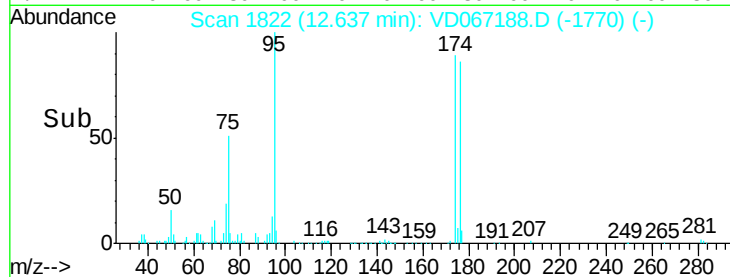
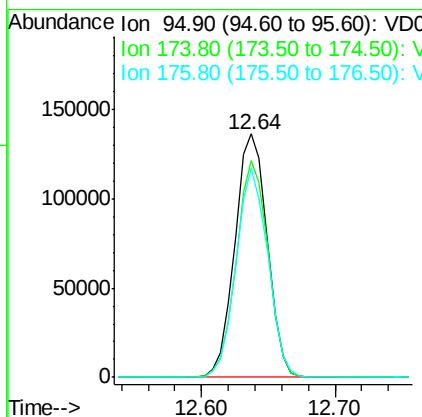
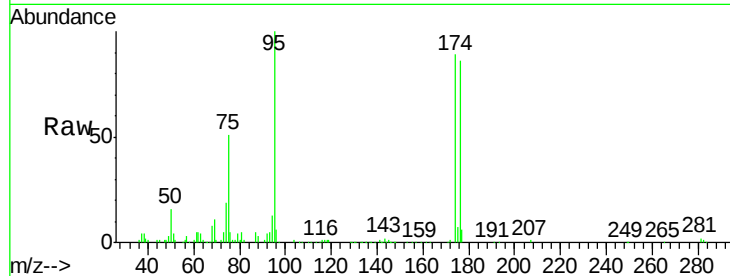




#62
4-Bromofluorobenzene
Concen: 47.238 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067188.D
Acq: 08 Oct 2020 12:19

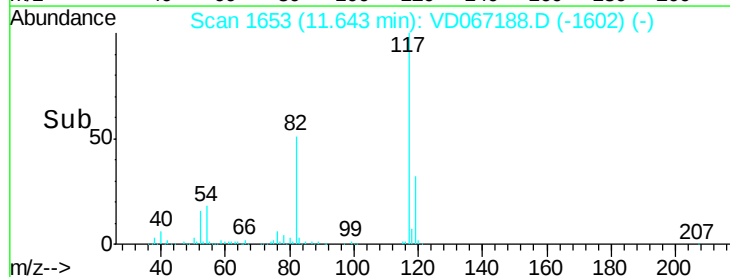
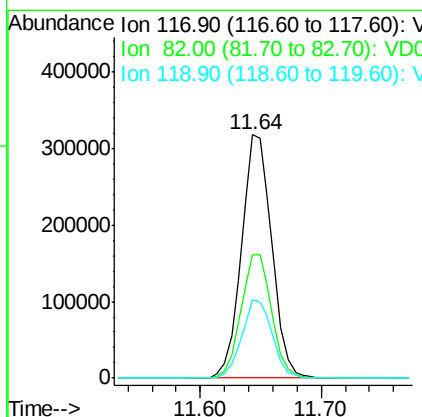
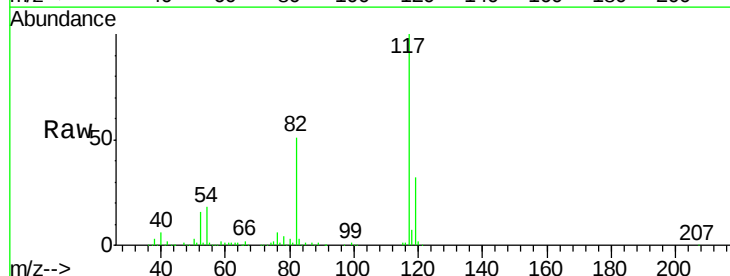
Instrument :
MSVOA_D
ClientSampleId :
TP-(5)-GRAB

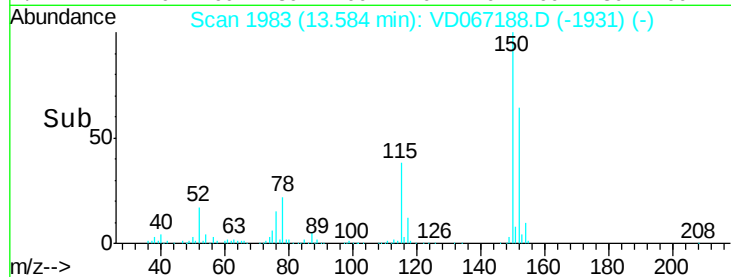
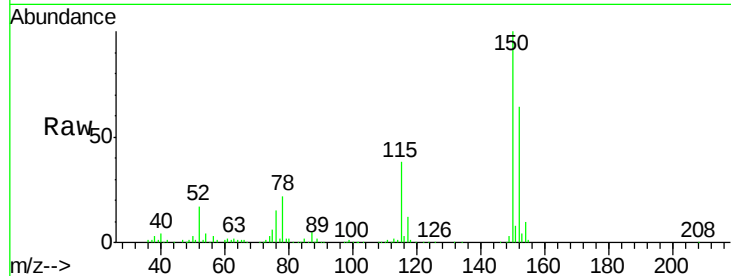
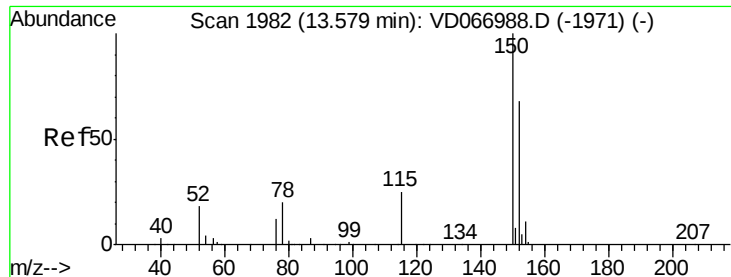
Tot Ion: 95 Resp: 228790
Ion Ratio Lower Upper
95 100
174 87.5 0.0 167.6
176 84.5 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067188.D
Acq: 08 Oct 2020 12:19

Tgt Ion: 117 Resp: 554802
Ion Ratio Lower Upper
117 100
82 50.7 42.6 63.8
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.01 min

Lab File: VD067188.D

Acq: 08 Oct 2020 12:19

Instrument :

MSVOA_D

ClientSampleId :

TP-(5)-GRAB

Tot Ion:152 Resp: 258201

Ion Ratio Lower Upper

152 100

115 57.4 29.6 88.8

150 155.5 0.0 344.8

