

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD062020.D
 Acq On : 25 Apr 2019 4:56
 Operator : VA/AP
 Sample : K2542-14
 Misc : 5.79g/5ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-11-2

Quant Time: Apr 25 07:23:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

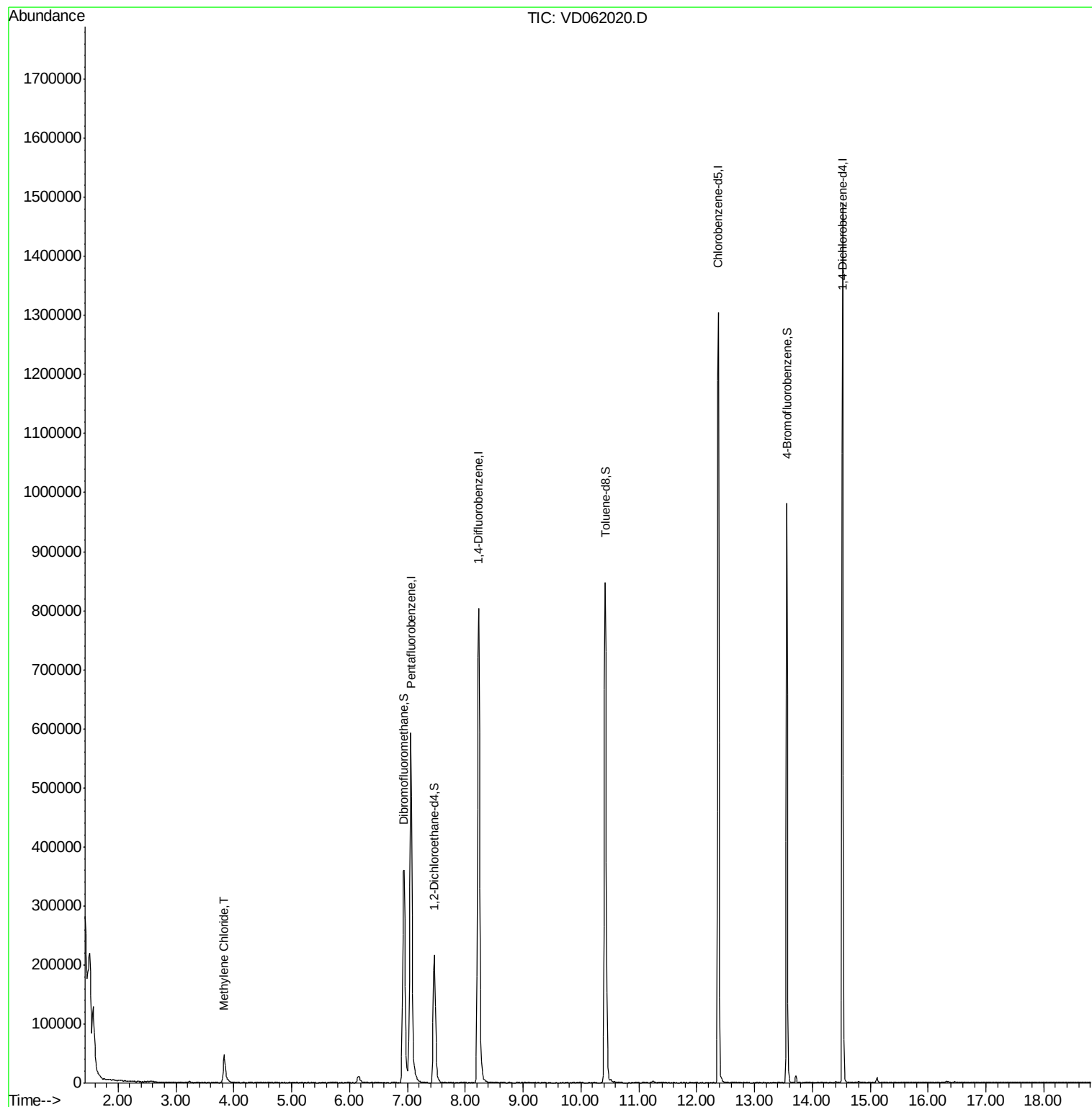
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	578539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	974207	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	820809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	350091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	233834	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
35) Dibromofluoromethane	6.93	113	346270	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
50) Toluene-d8	10.42	98	740734	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
62) 4-Bromofluorobenzene	13.56	95	291514	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
Target Compounds						
20) Methylene Chloride	3.83	84	35966	3.893	ug/l	Qvalue 91

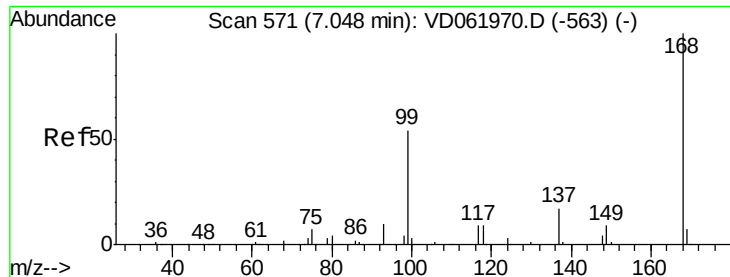
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD062020.D

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Instrument :

MSVOA_D

ClientSampleId :

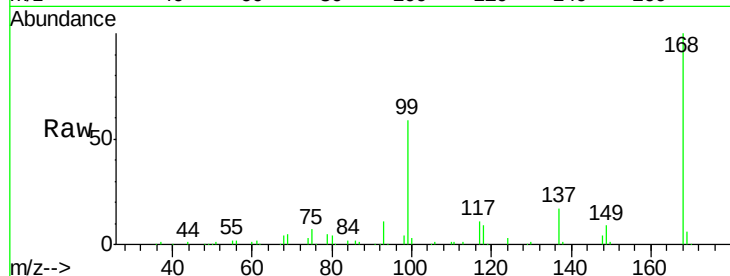
TP-11-2

Tot Ion:168 Resp: 578539

Ion Ratio Lower Upper

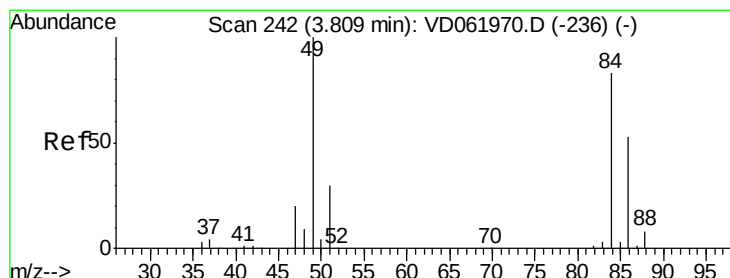
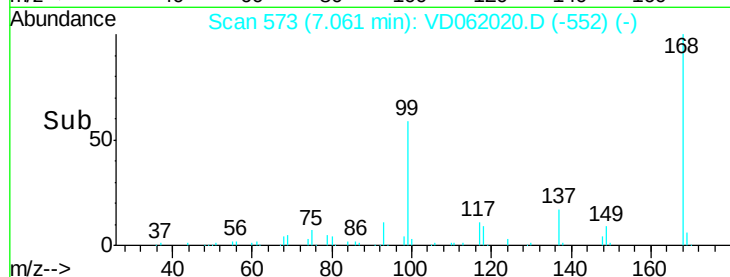
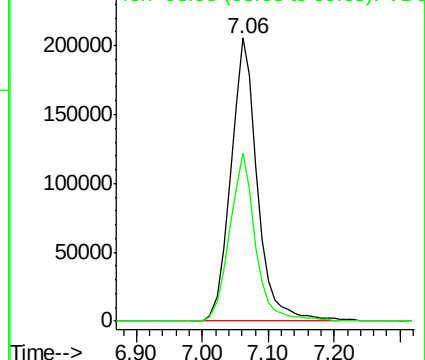
168 100

99 59.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 3.893 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.01 min

Lab File: VD062020.D

Acq: 25 Apr 2019 4:56

Tgt Ion: 84 Resp: 35966

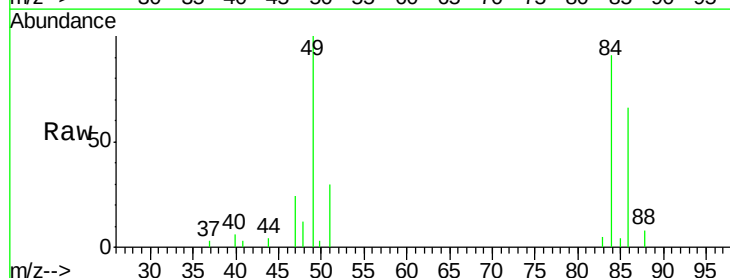
Ion Ratio Lower Upper

84 100

49 109.4 94.0 141.0

51 32.4 29.0 43.4

86 72.0 49.8 74.6

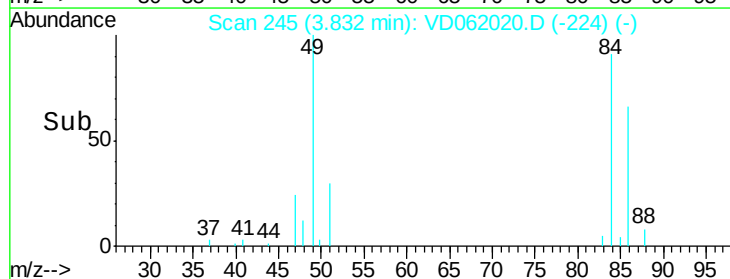
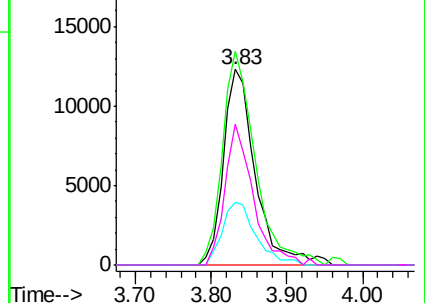


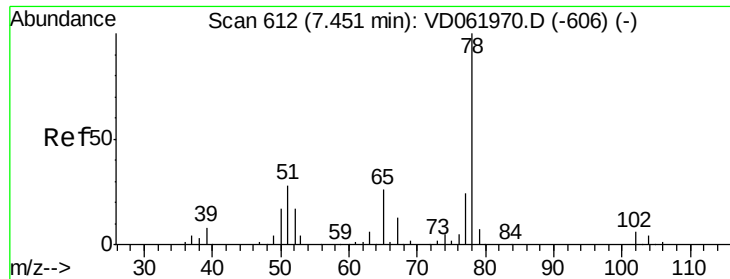
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 51.642 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062020.D

Acq: 25 Apr 2019 4:56

Instrument :

MSVOA_D

ClientSampleId :

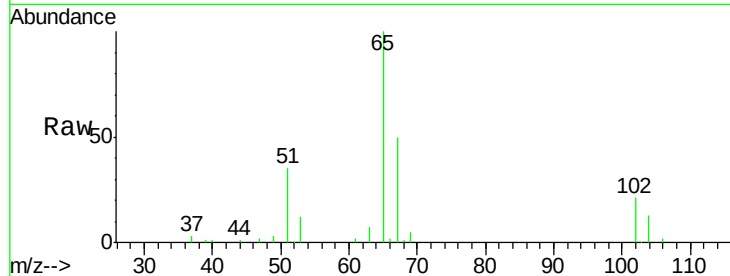
TP-11-2

Tot Ion: 65 Resp: 233834

Ion Ratio Lower Upper

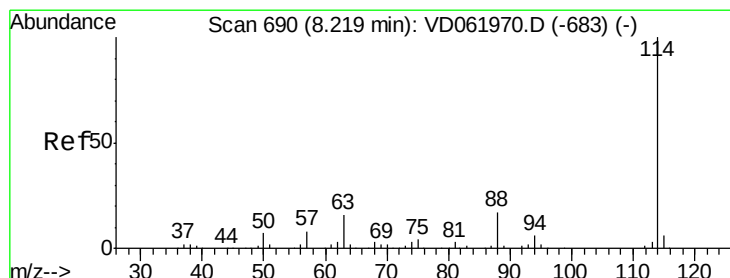
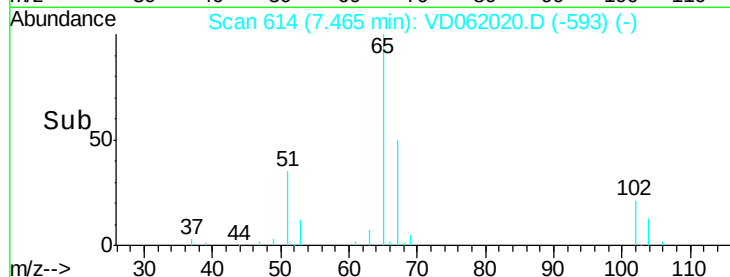
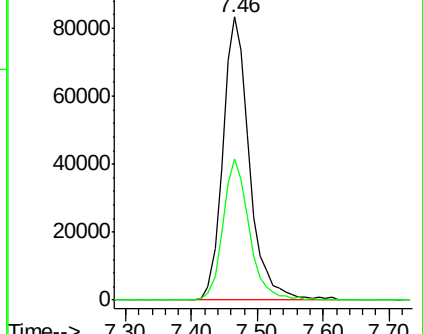
65 100

67 49.9 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. 0.01 min

Lab File: VD062020.D

Acq: 25 Apr 2019 4:56

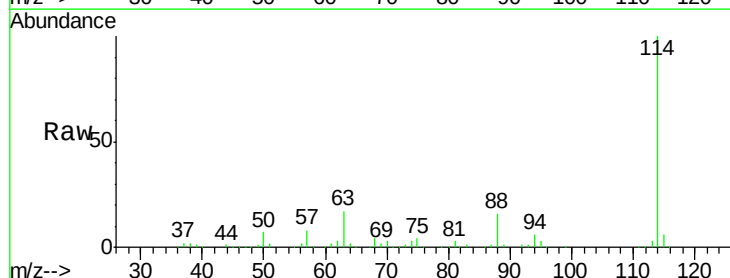
Tgt Ion: 114 Resp: 974207

Ion Ratio Lower Upper

114 100

63 16.8 0.0 32.4

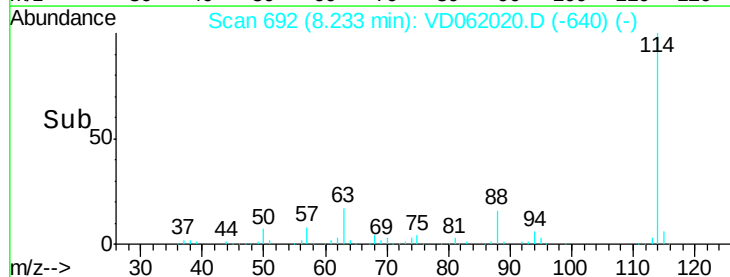
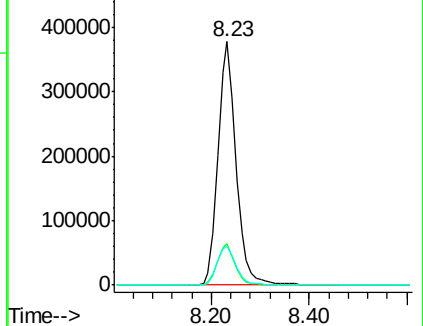
88 16.1 0.0 33.6

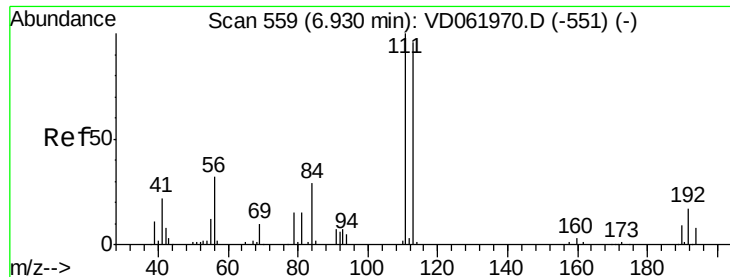


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

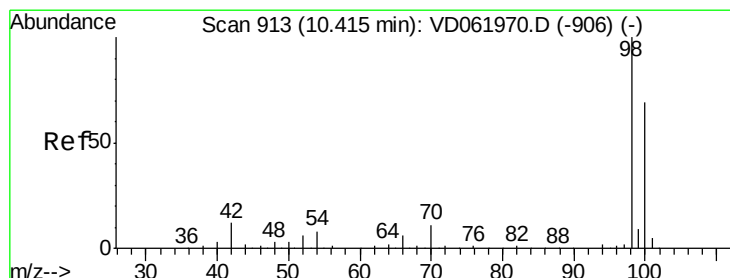
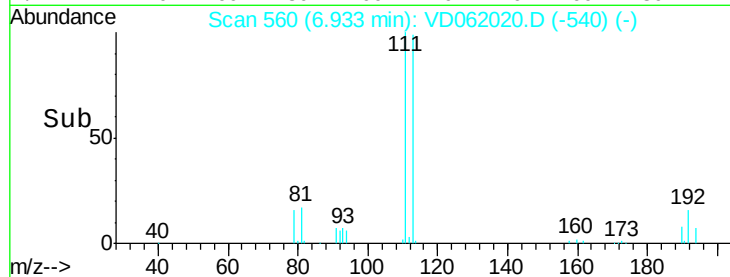
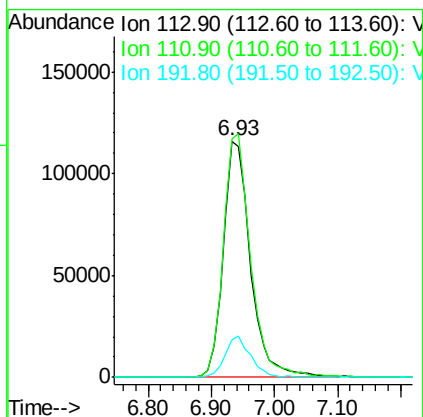
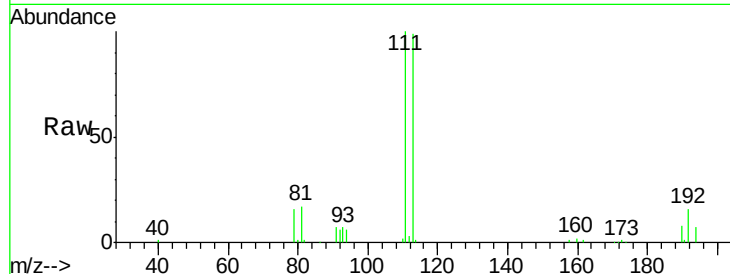




#35
 Dibromofluoromethane
 Concen: 51.394 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: VD062020.D
 Acq: 25 Apr 2019 4:56

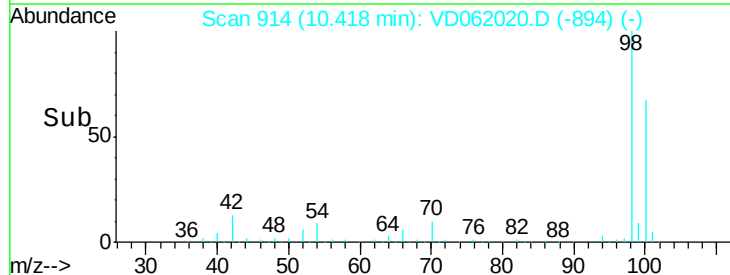
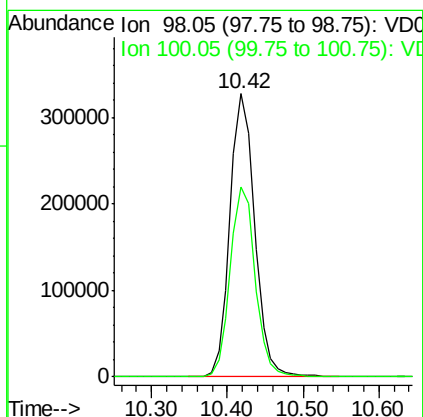
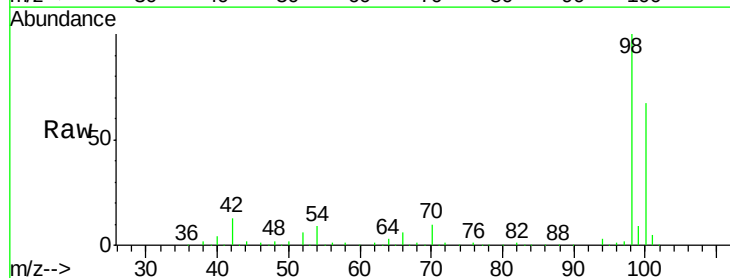
Instrument :
 MSVOA_D
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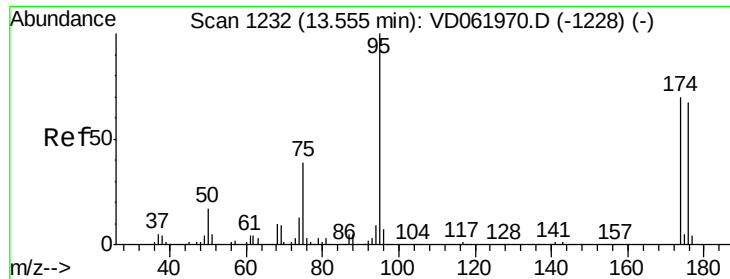
Tot Ion:113 Resp: 346270
 Ion Ratio Lower Upper
 113 100
 111 101.0 78.5 117.7
 192 15.7 13.0 19.4



#50
 Toluene-d8
 Concen: 46.203 ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: VD062020.D
 Acq: 25 Apr 2019 4:56

Tgt Ion: 98 Resp: 740734
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.8 80.8

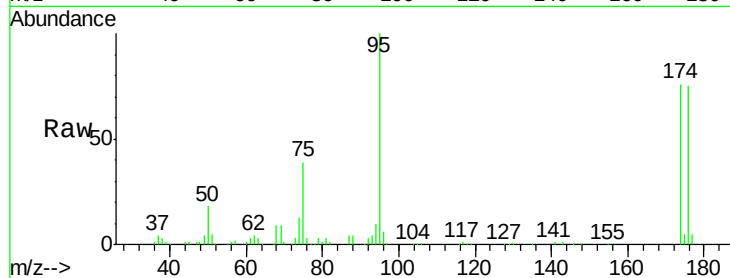




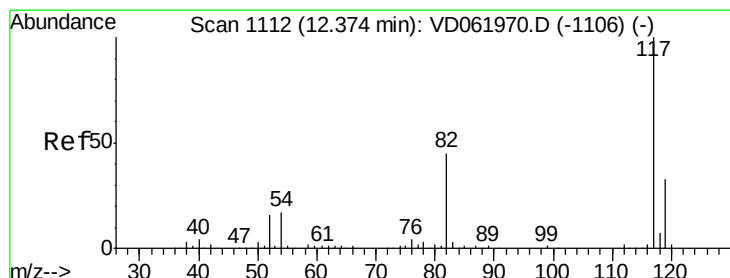
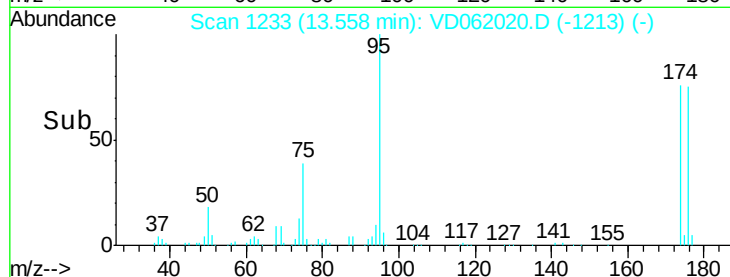
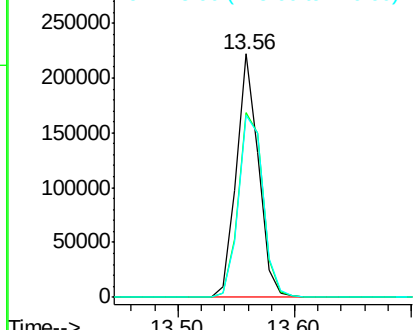
#62
4-Bromofluorobenzene
Concen: 45.334 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD062020.D
Acq: 25 Apr 2019 4:56

Instrument :
MSVOA_D
ClientSampleId :
TP-11-2

Tot Ion: 95 Resp: 291514
Ion Ratio Lower Upper
95 100
174 76.0 0.0 181.8
176 74.9 0.0 174.4

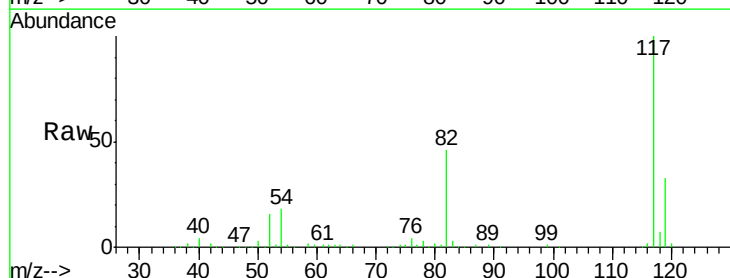


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

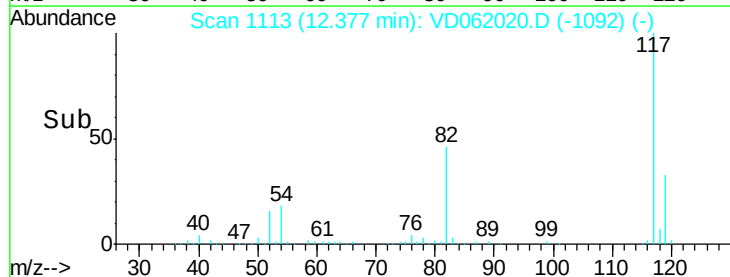
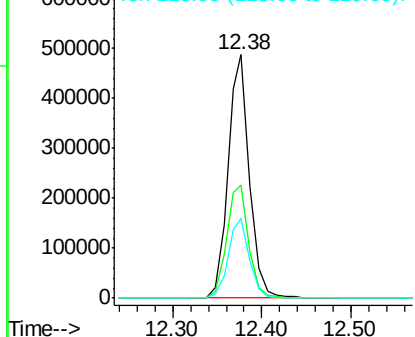


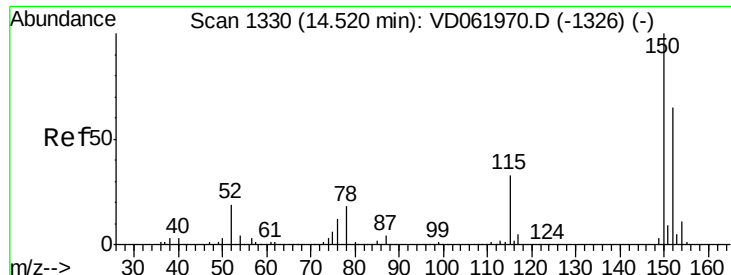
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD062020.D
Acq: 25 Apr 2019 4:56

Tgt Ion: 117 Resp: 820809
Ion Ratio Lower Upper
117 100
82 46.3 36.2 54.2
119 32.7 26.2 39.4



Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

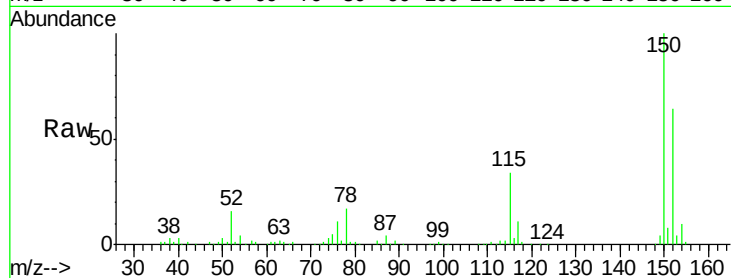




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: VD062020.D
 Acq: 25 Apr 2019 4:56

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-11-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.6	30.9	92.7
150	156.4	0.0	314.8



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

