

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050219\
 Data File : VD062116.D
 Acq On : 2 May 2019 17:34
 Operator : FY/SY
 Sample : K2668-03
 Misc : 4.41g/5mL/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: May 03 01:49:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:52 2019
 Response via : Initial Calibration

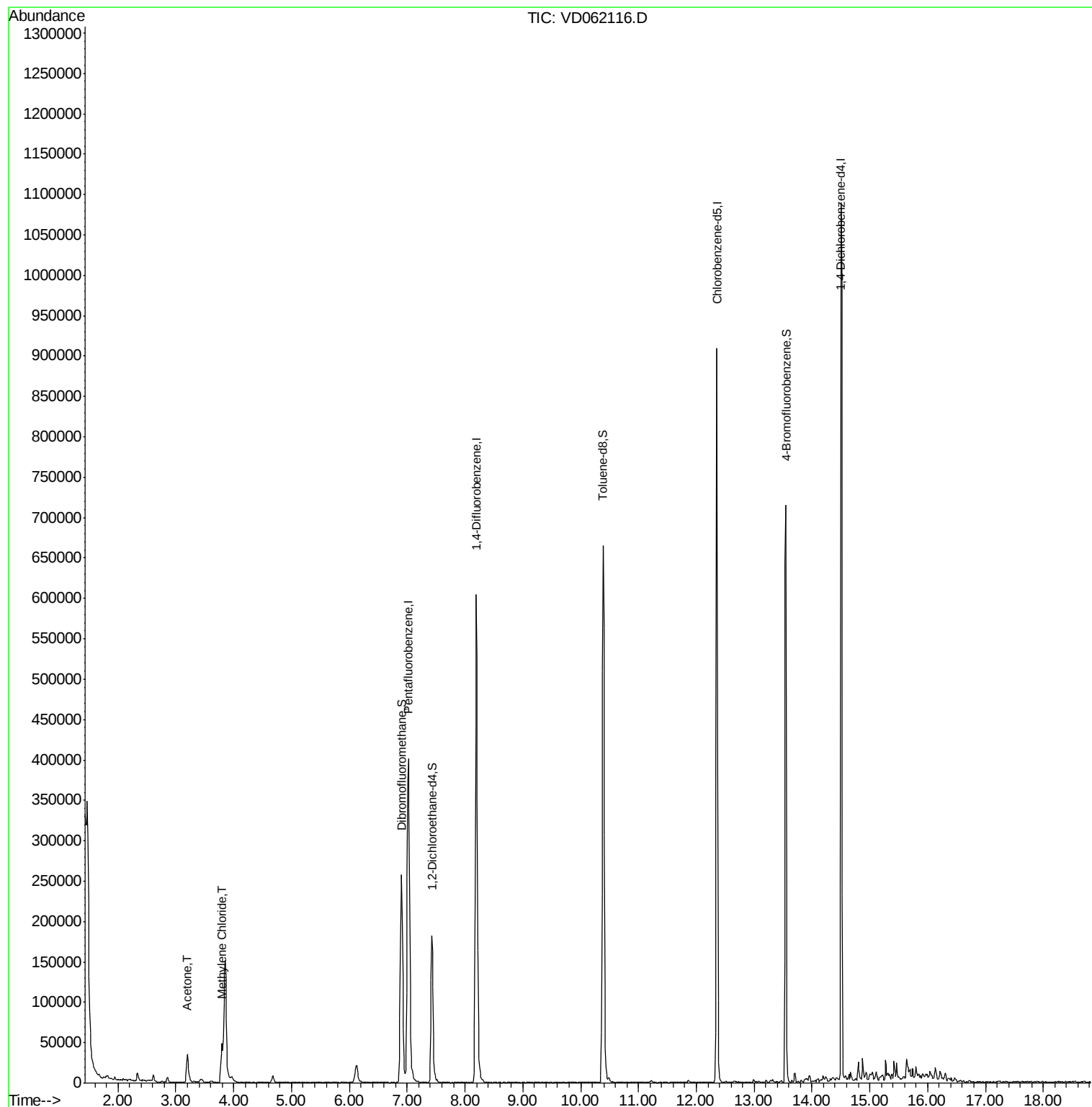
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	420575	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	716580	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	622532	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	269481	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	183794	55.84	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	111.68%	
35) Dibromofluoromethane	6.90	113	247809	50.00	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	100.00%	
50) Toluene-d8	10.39	98	584873	49.60	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	13.55	95	235676	49.83	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	99.66%	
Target Compounds						
16) Acetone	3.20	43	68451	87.093	ug/l	92
20) Methylene Chloride	3.79	84	34555	6.240	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.03 min

Lab File: VD062116.D

Acq: 2 May 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

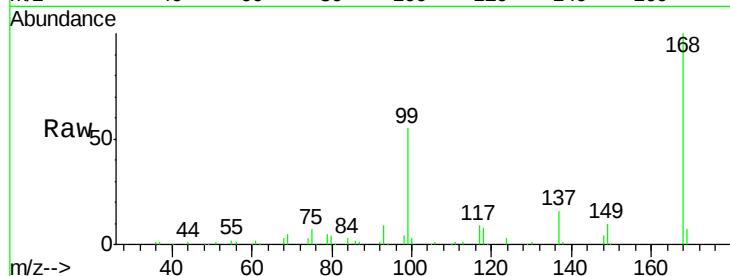
TP-2

Tot Ion:168 Resp: 420575

Ion Ratio Lower Upper

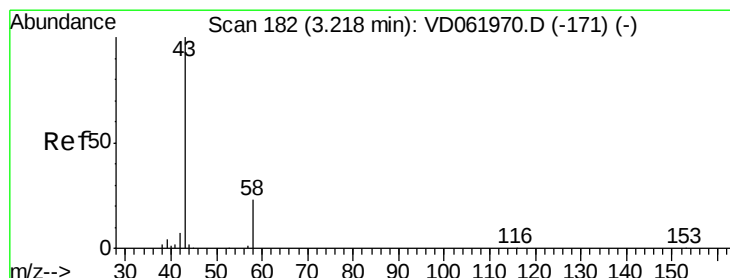
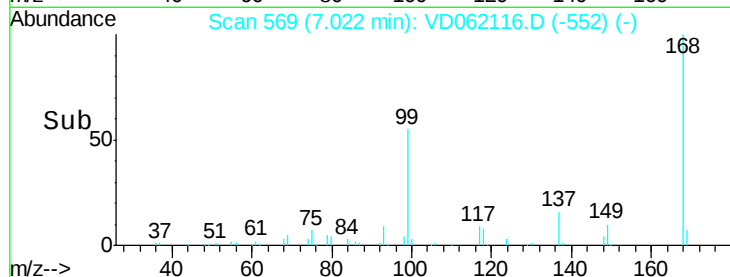
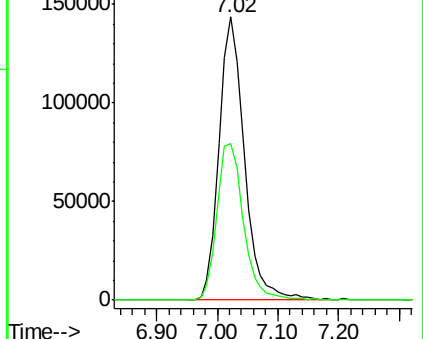
168 100

99 55.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 87.093 ug/l

RT: 3.20 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD062116.D

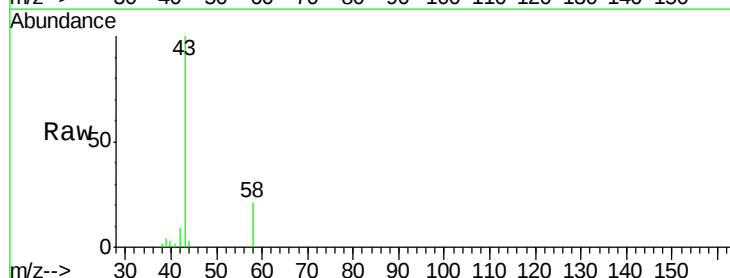
Acq: 2 May 2019 17:34

Tgt Ion: 43 Resp: 68451

Ion Ratio Lower Upper

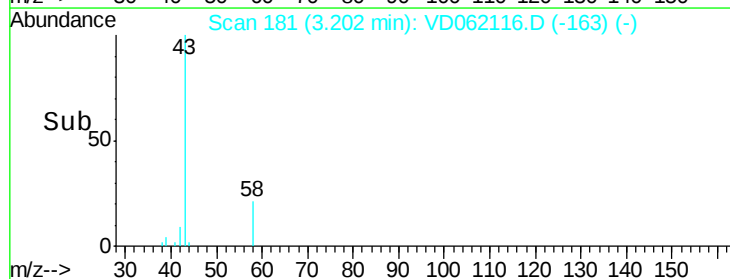
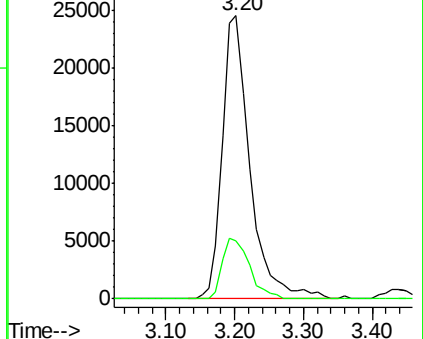
43 100

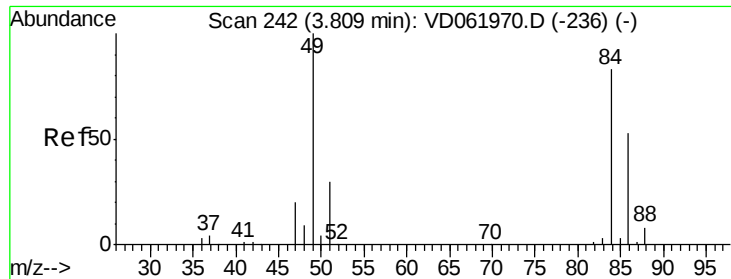
58 20.7 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

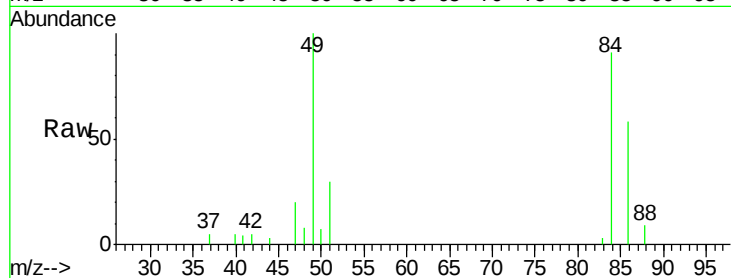




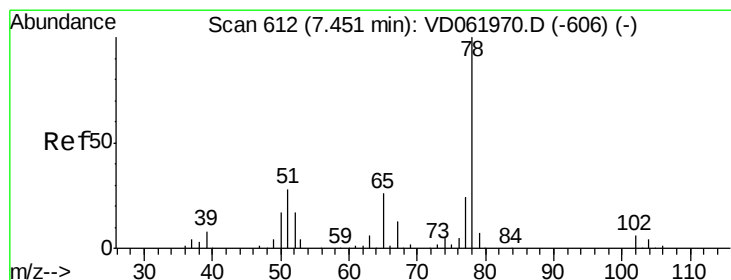
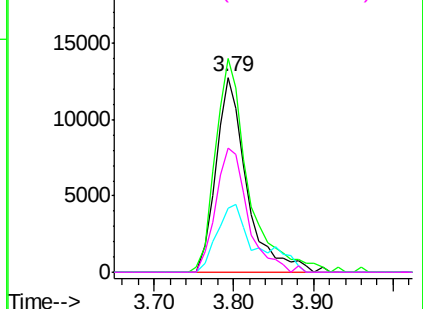
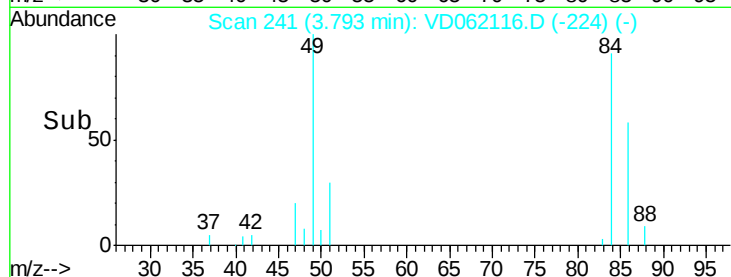
#20
Methylene Chloride
Concen: 6.240 ug/l
RT: 3.79 min Scan# 241
Delta R.T. -0.03 min
Lab File: VD062116.D
Acq: 2 May 2019 17:34

Instrument :
MSVOA_D
ClientSampled :
TP-2

Tot Ion: 84 Resp: 34555
Ion Ratio Lower Upper
84 100
49 109.5 94.0 141.0
51 32.8 29.0 43.4
86 63.5 49.8 74.6

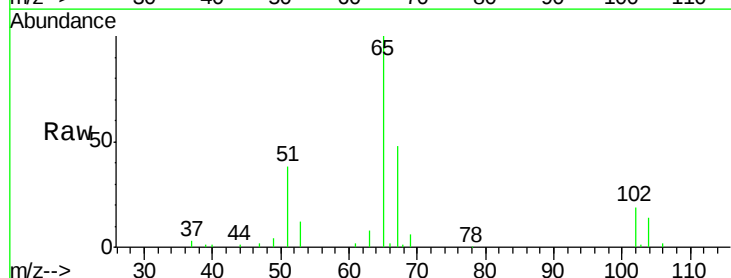


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

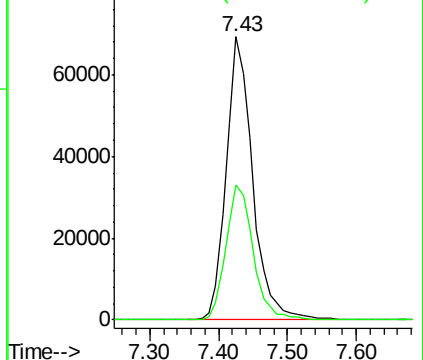
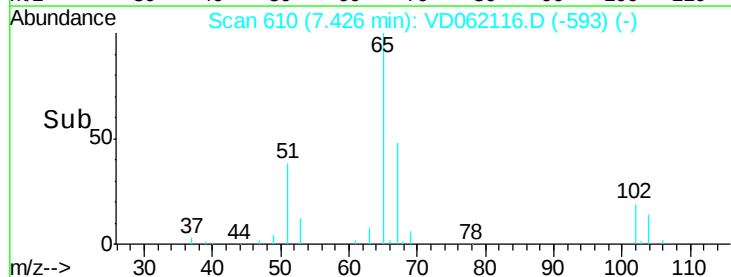


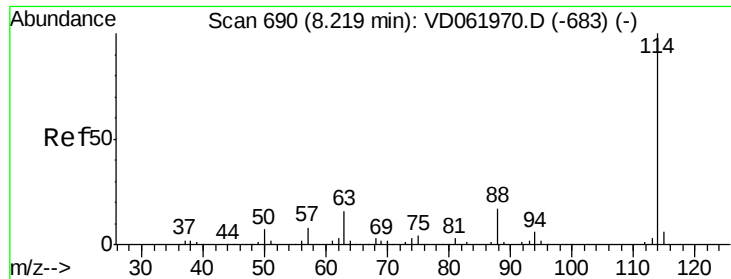
#33
1,2-Dichloroethane-d4
Concen: 55.836 ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.03 min
Lab File: VD062116.D
Acq: 2 May 2019 17:34

Tgt Ion: 65 Resp: 183794
Ion Ratio Lower Upper
65 100
67 47.7 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

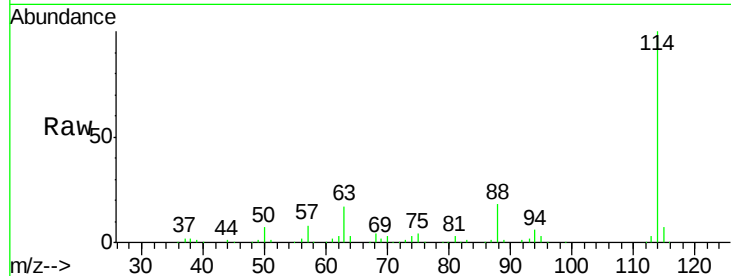




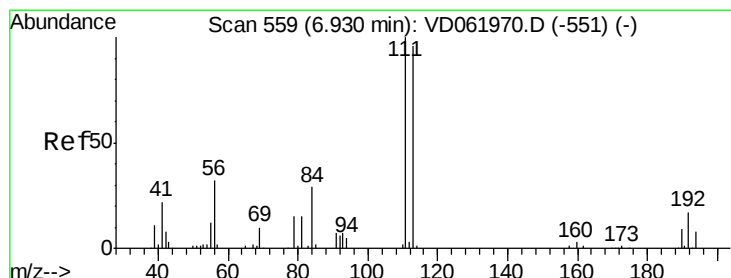
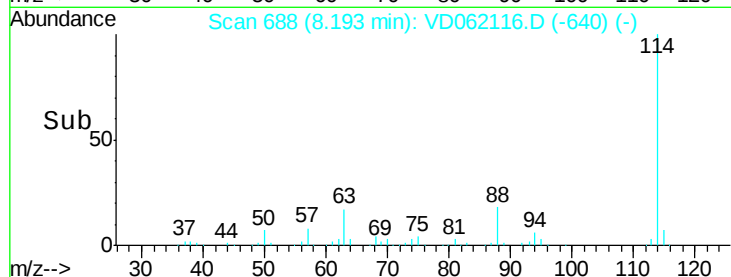
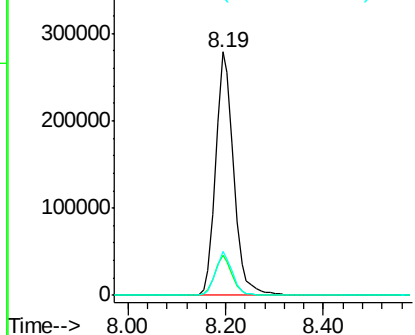
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: VD062116.D
 Acq: 2 May 2019 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Tot Ion:114 Resp: 716580
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 32.4
 88 17.9 0.0 33.6

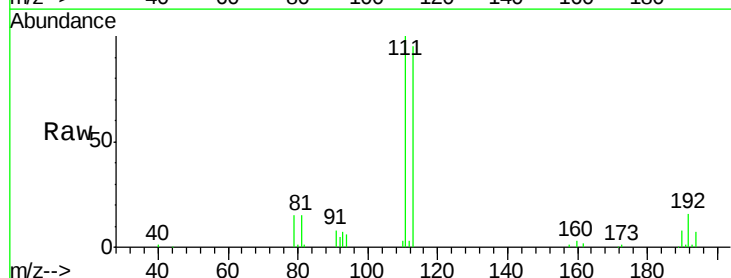


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

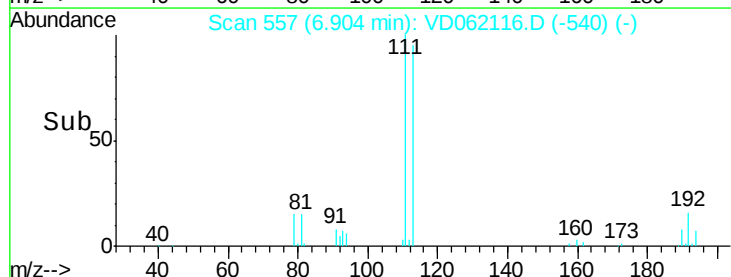
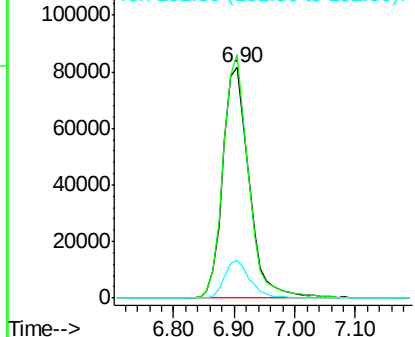


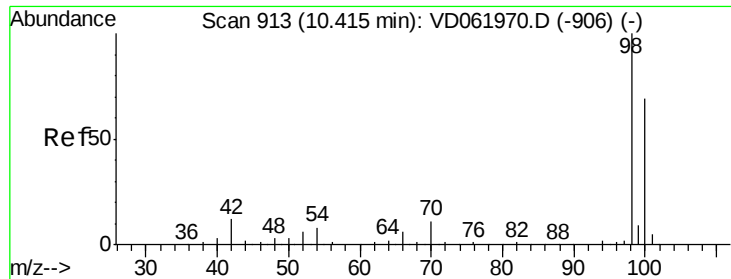
#35
 Dibromofluoromethane
 Concen: 50.003 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: VD062116.D
 Acq: 2 May 2019 17:34

Tgt Ion:113 Resp: 247809
 Ion Ratio Lower Upper
 113 100
 111 105.7 78.5 117.7
 192 16.4 13.0 19.4



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

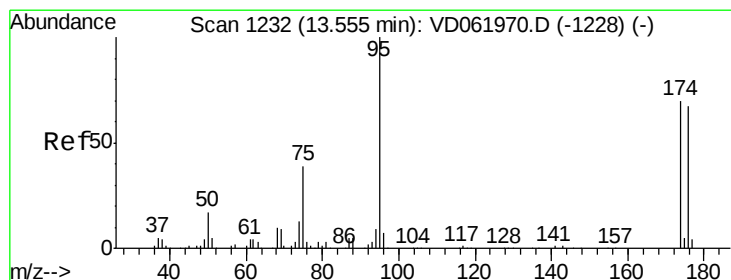
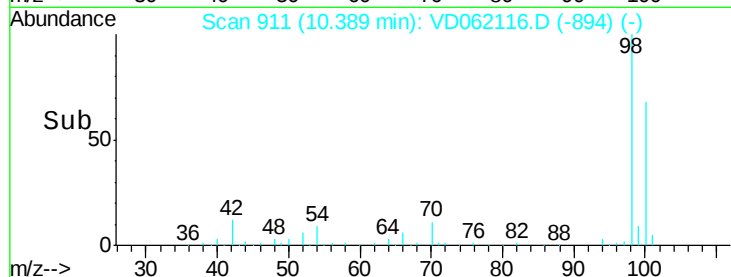
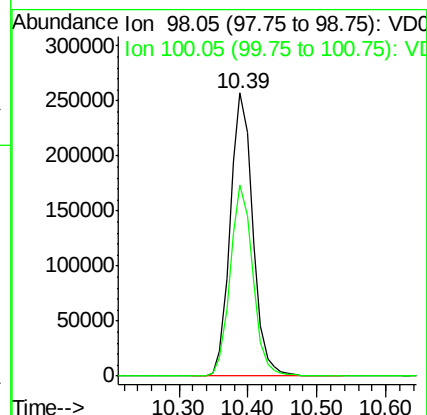
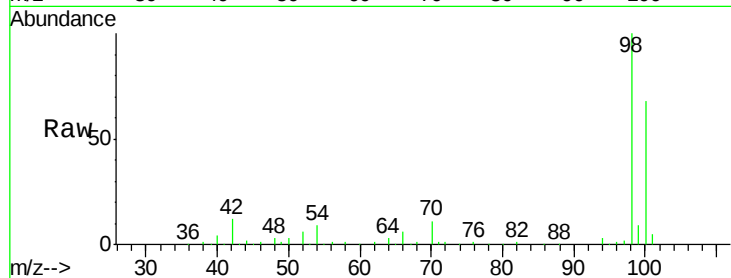




#50
Toluene-d8
Concen: 49.597 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.03 min
Lab File: VD062116.D
Acq: 2 May 2019 17:34

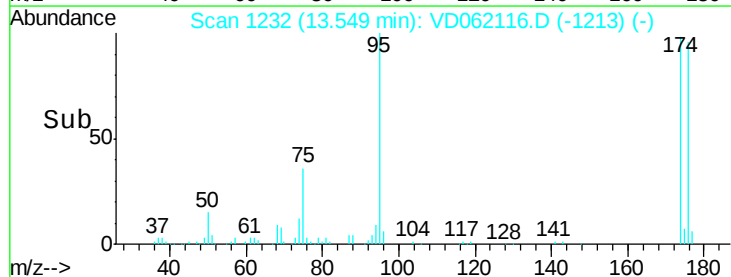
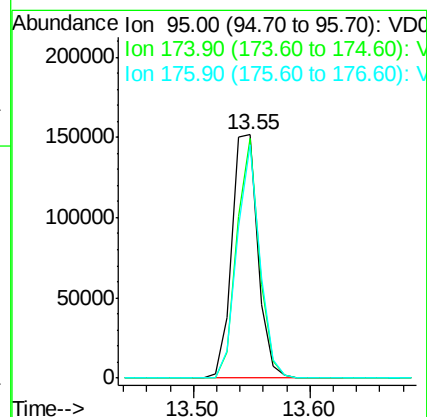
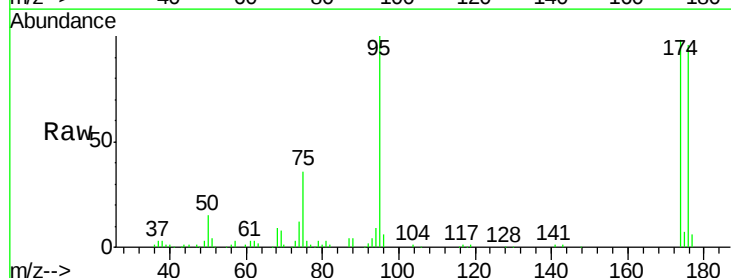
Instrument :
MSVOA_D
ClientSampleId :
TP-2

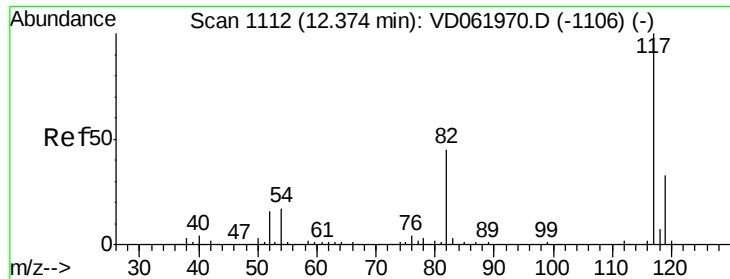
Tot Ion: 98 Resp: 584873
Ion Ratio Lower Upper
98 100
100 67.8 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 49.827 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062116.D
Acq: 2 May 2019 17:34

Tgt Ion: 95 Resp: 235676
Ion Ratio Lower Upper
95 100
174 98.2 0.0 181.8
176 95.8 0.0 174.4

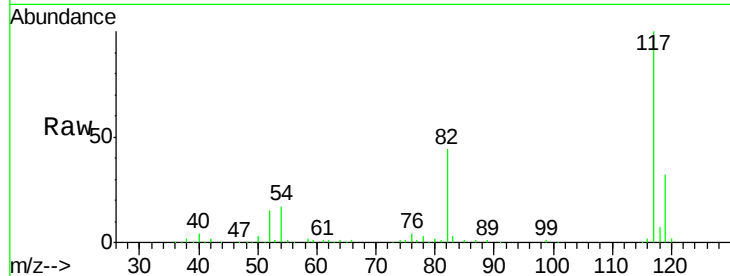




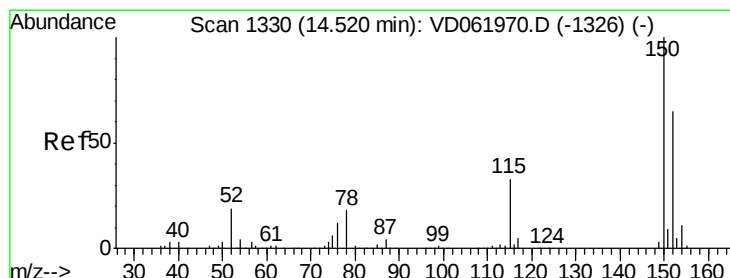
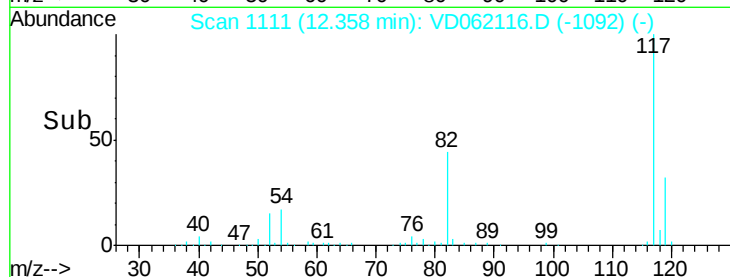
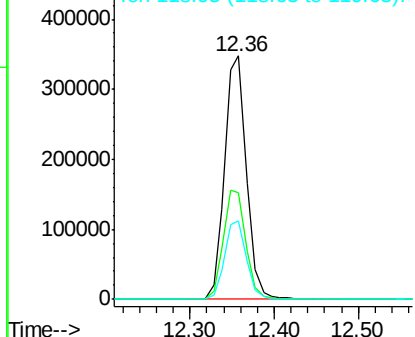
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: VD062116.D
 Acq: 2 May 2019 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Tot Ion:117 Resp: 622532
 Ion Ratio Lower Upper
 117 100
 82 43.7 36.2 54.2
 119 32.2 26.2 39.4

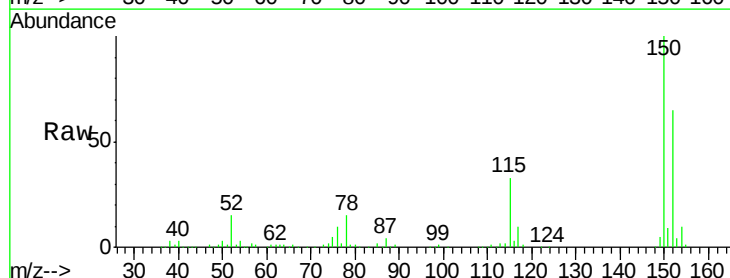


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD062116.D
 Acq: 2 May 2019 17:34

Tgt Ion:152 Resp: 269481
 Ion Ratio Lower Upper
 152 100
 115 50.9 30.9 92.7
 150 154.3 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

