

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
 Data File : VD060573.D
 Acq On : 14 Dec 2018 15:09
 Operator : VA/AP
 Sample : J6403-09
 Misc : 4.57g/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-A

Quant Time: Dec 14 22:46:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

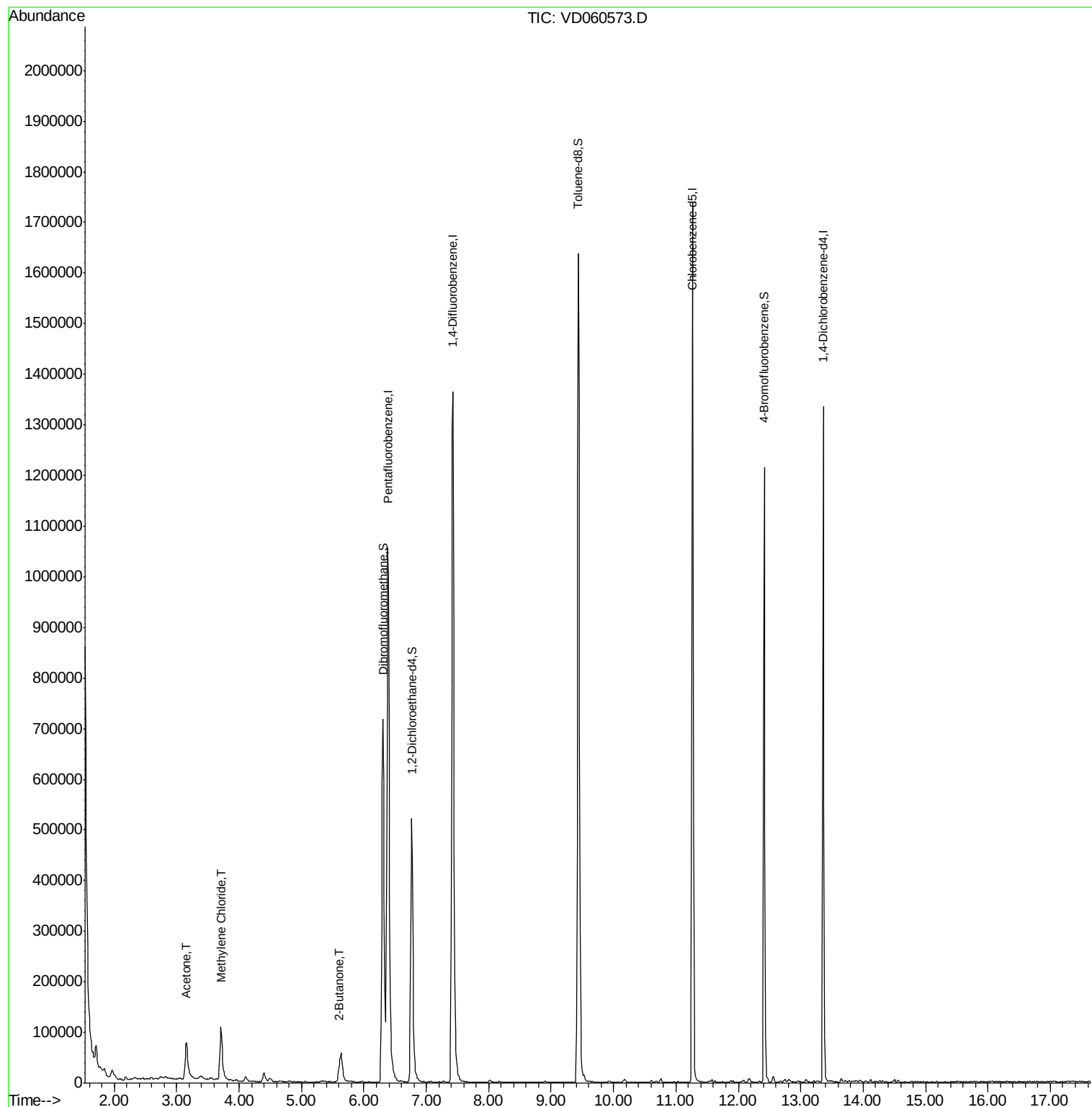
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1062735	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	1474192	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.26	117	960037	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	288260	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	445682	59.17	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	118.34%	
35) Dibromofluoromethane	6.30	113	562364	51.94	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	103.88%	
50) Toluene-d8	9.43	98	1305357	41.66	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	83.32%	
62) 4-Bromofluorobenzene	12.42	95	331199	29.54	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	59.08%	
Target Compounds						
16) Acetone	3.16	43	168518	139.569	ug/l	99
20) Methylene Chloride	3.71	84	69481	1.971	ug/l	99
25) 2-Butanone	5.60	43	47367	19.940	ug/l	95

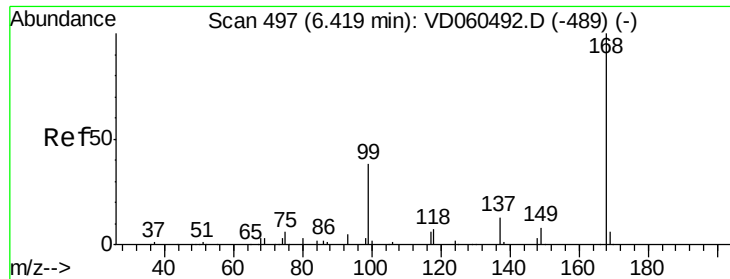
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
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Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 495

Delta R.T. -0.03 min

Lab File: VD060573.D

Acq: 14 Dec 2018 15:09

Instrument :

MSVOA_D

ClientSampled :

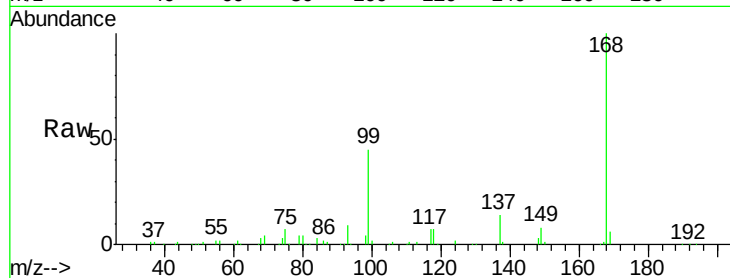
TP-2-A

Tgt Ion:168 Resp: 1062735

Ion Ratio Lower Upper

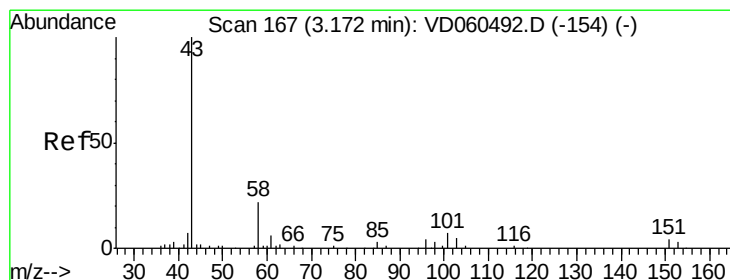
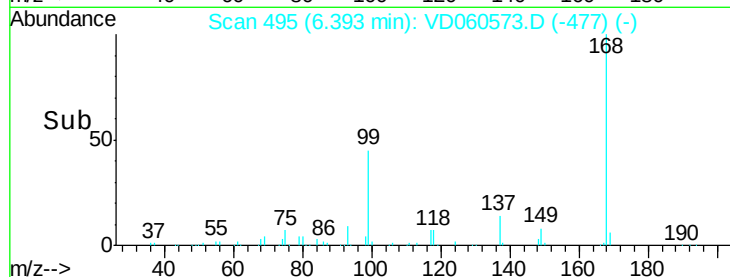
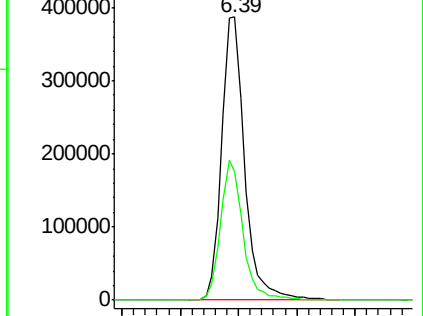
168 100

99 45.3 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 139.569 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.02 min

Lab File: VD060573.D

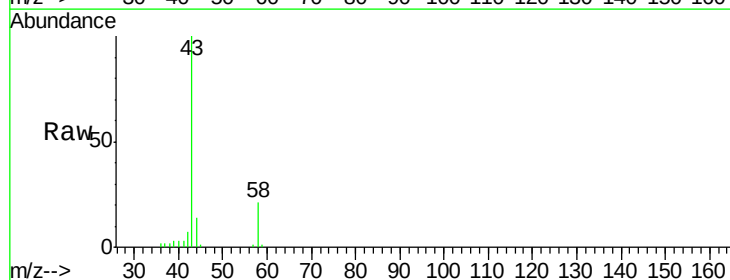
Acq: 14 Dec 2018 15:09

Tgt Ion: 43 Resp: 168518

Ion Ratio Lower Upper

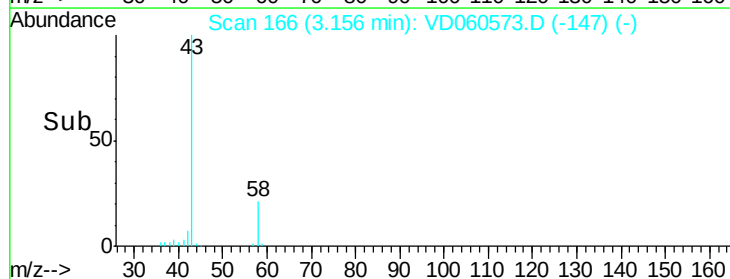
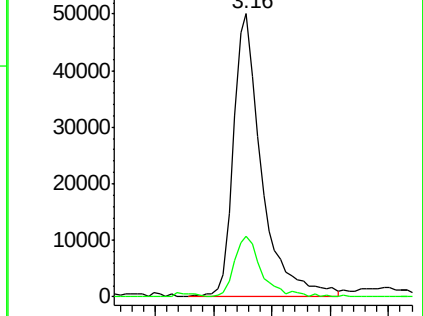
43 100

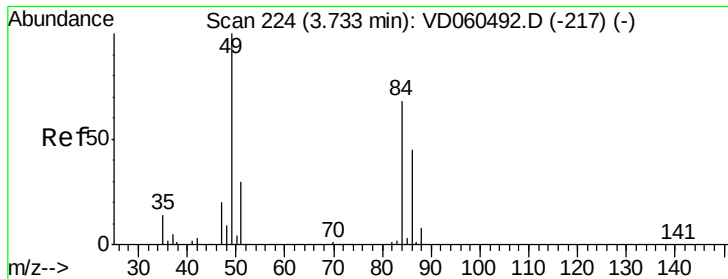
58 21.3 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

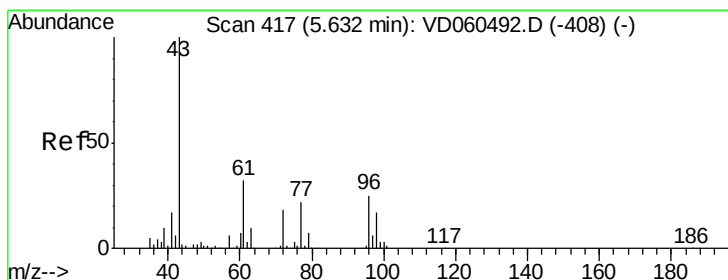
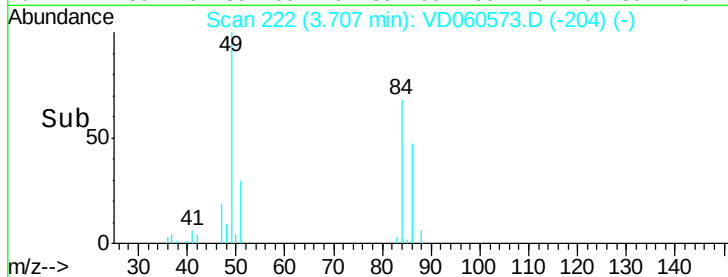
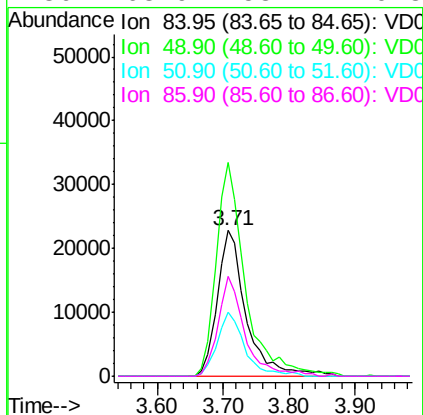
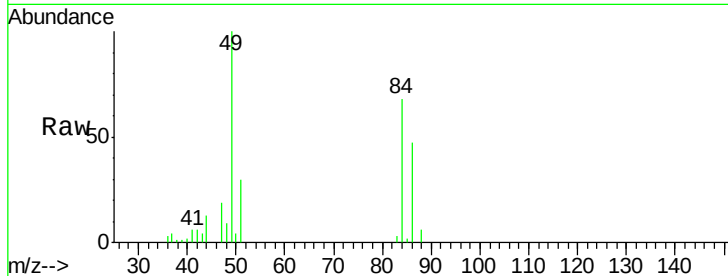




#20
Methylene Chloride
Concen: 1.971 ug/l
RT: 3.71 min Scan# 222
Delta R.T. -0.03 min
Lab File: VD060573.D
Acq: 14 Dec 2018 15:09

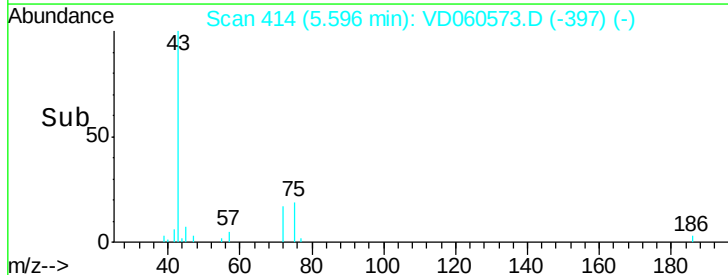
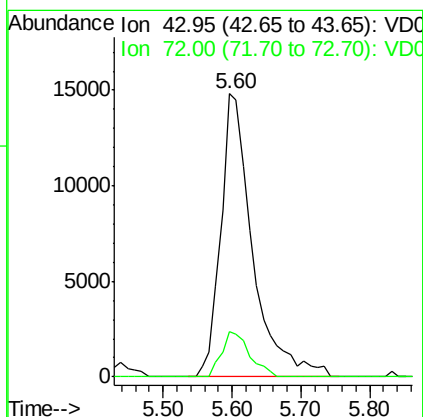
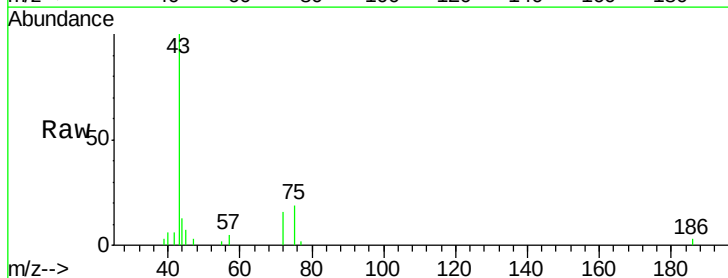
Instrument :
MSVOA_D
ClientSampleId :
TP-2-A

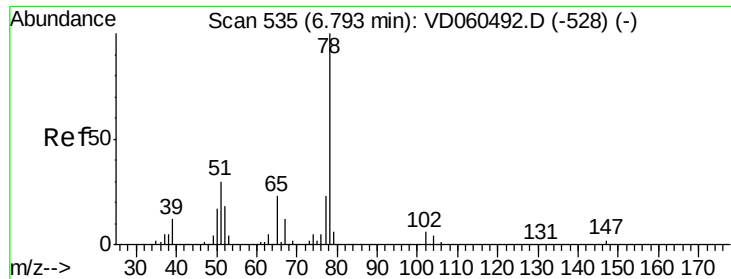
Tgt Ion: 84 Resp: 69481
Ion Ratio Lower Upper
84 100
49 146.7 117.2 175.8
51 44.3 35.3 52.9
86 68.9 53.2 79.8



#25
2-Butanone
Concen: 19.940 ug/l
RT: 5.60 min Scan# 414
Delta R.T. -0.04 min
Lab File: VD060573.D
Acq: 14 Dec 2018 15:09

Tgt Ion: 43 Resp: 47367
Ion Ratio Lower Upper
43 100
72 16.0 14.6 21.8

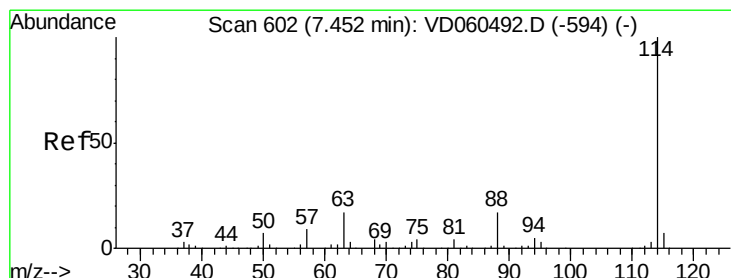
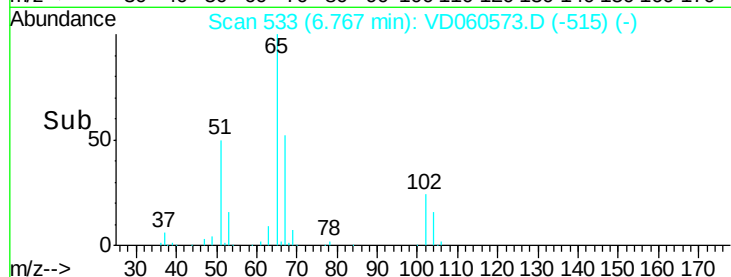
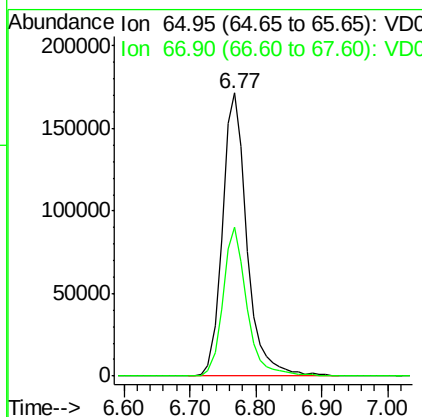
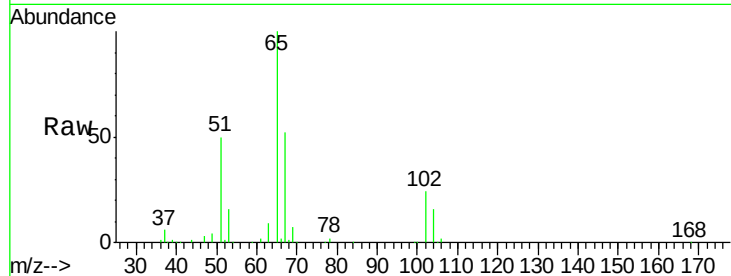




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.77 min Scan# 533
 Delta R.T. -0.03 min
 Lab File: VD060573.D
 Acq: 14 Dec 2018 15:09

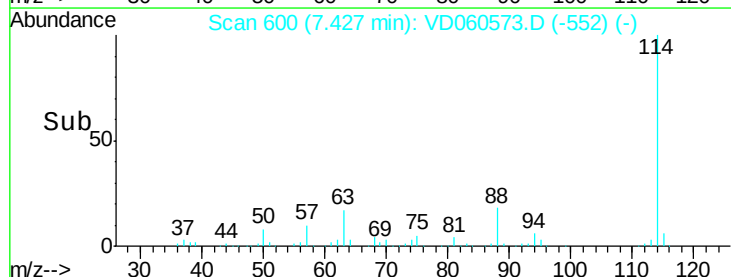
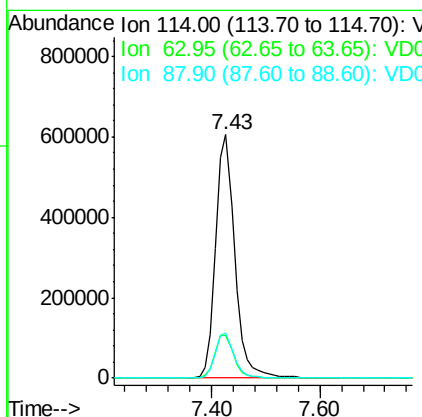
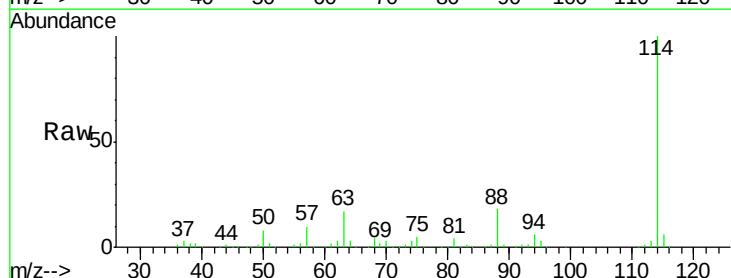
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-A

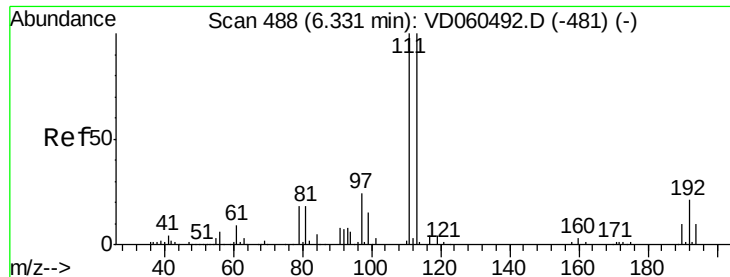
Tgt Ion: 65 Resp: 445682
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: VD060573.D
 Acq: 14 Dec 2018 15:09

Tgt Ion: 114 Resp: 1474192
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.2
 88 18.4 0.0 35.0

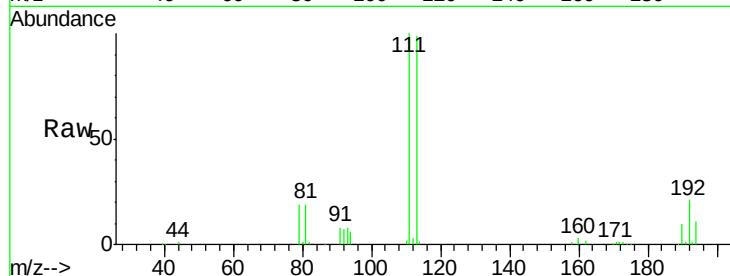




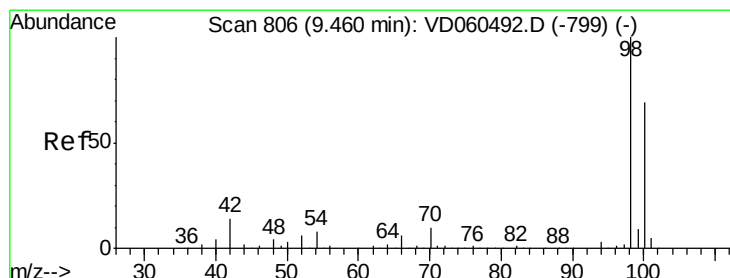
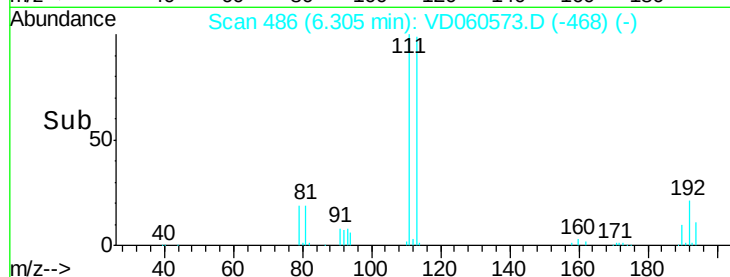
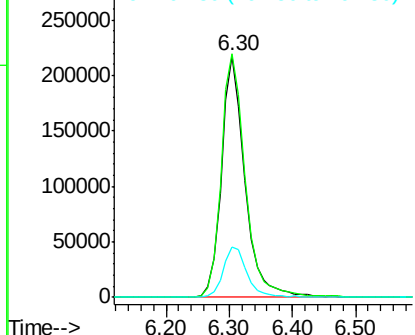
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.30 min Scan# 486
Delta R.T. -0.03 min
Lab File: VD060573.D
Acq: 14 Dec 2018 15:09

Instrument :
MSVOA_D
ClientSampleId :
TP-2-A

Tgt Ion: 113 Resp: 562364
Ion Ratio Lower Upper
113 100
111 101.0 80.2 120.4
192 20.9 16.6 24.8

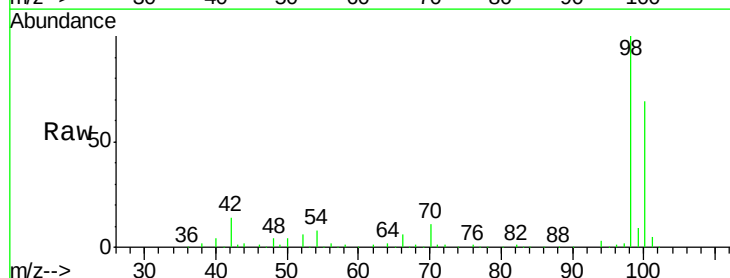


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

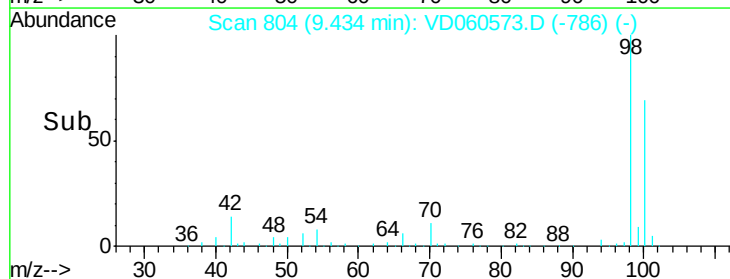
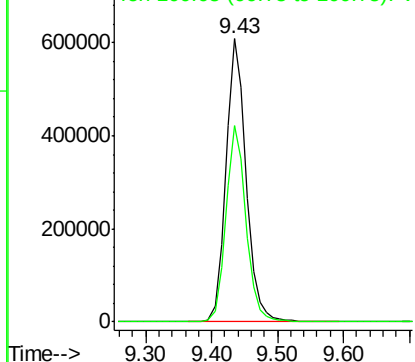


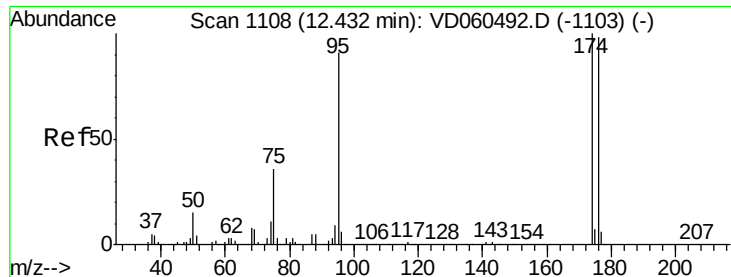
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.03 min
Lab File: VD060573.D
Acq: 14 Dec 2018 15:09

Tgt Ion: 98 Resp: 1305357
Ion Ratio Lower Upper
98 100
100 69.2 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD060573.D

Acq: 14 Dec 2018 15:09

Instrument :

MSVOA_D

ClientSampleId :

TP-2-A

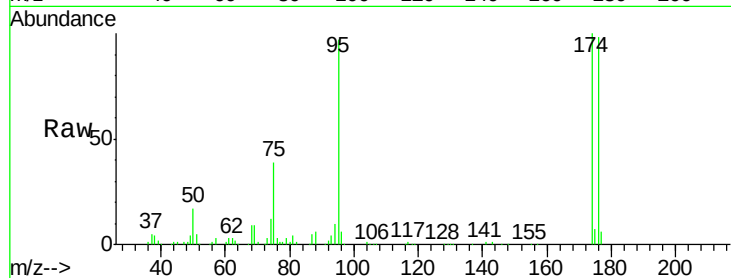
Tgt Ion: 95 Resp: 331199

Ion Ratio Lower Upper

95 100

174 103.4 0.0 219.4

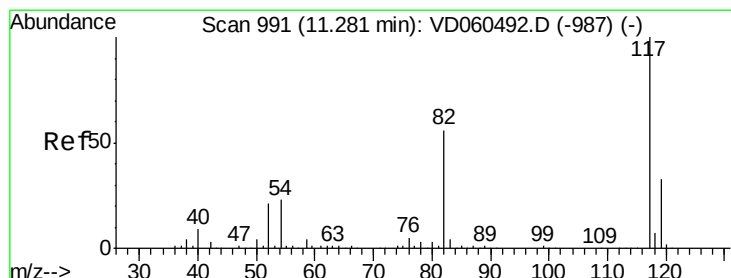
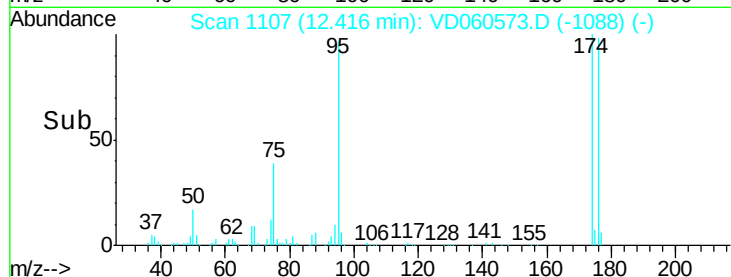
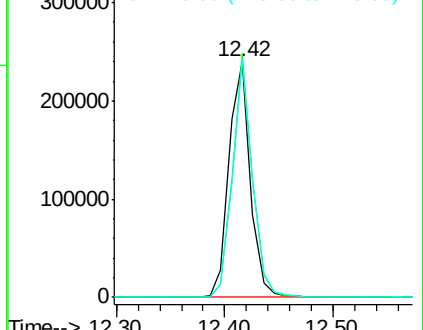
176 101.0 0.0 214.6



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: 11.26 min Scan# 990

Delta R.T. -0.02 min

Lab File: VD060573.D

Acq: 14 Dec 2018 15:09

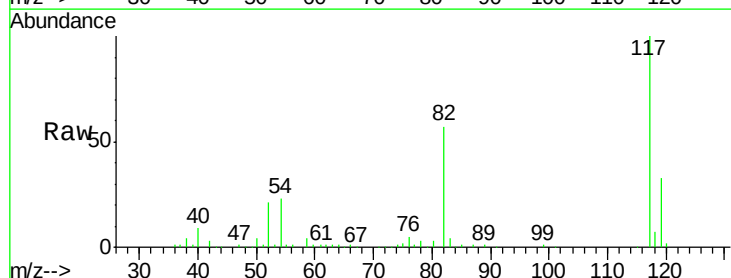
Tgt Ion: 117 Resp: 960037

Ion Ratio Lower Upper

117 100

82 56.9 45.2 67.8

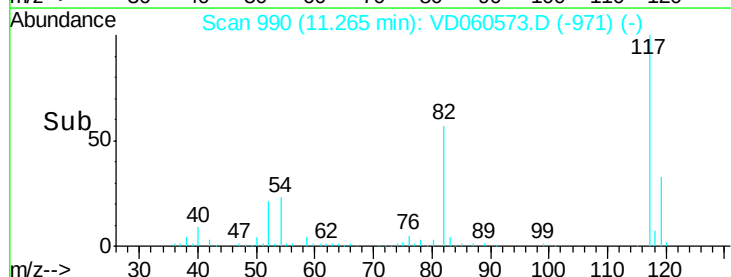
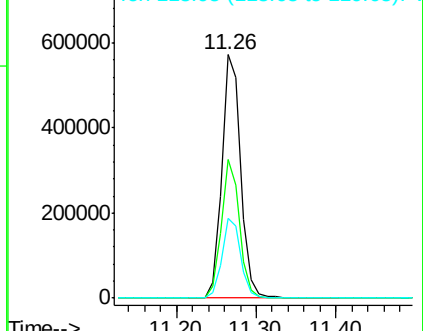
119 32.7 26.1 39.1

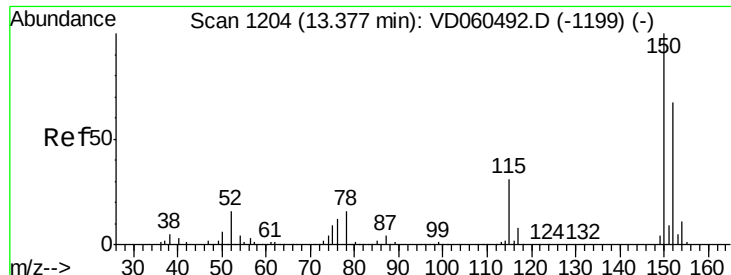


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

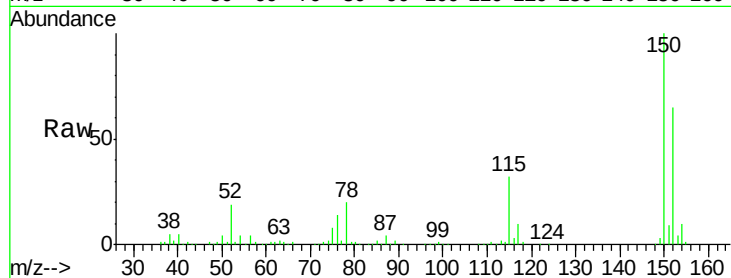




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.36 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: VD060573.D
 Acq: 14 Dec 2018 15:09

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-A

Tgt Ion:152 Resp: 288260
 Ion Ratio Lower Upper
 152 100
 115 49.2 24.6 74.0
 150 153.6 0.0 309.0



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

