

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122718\
 Data File : VD060725.D
 Acq On : 27 Dec 2018 14:39
 Operator : VA/AP
 Sample : J6446-02RE
 Misc : 4.68g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS025-1218-02RE

Quant Time: Dec 28 01:56:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

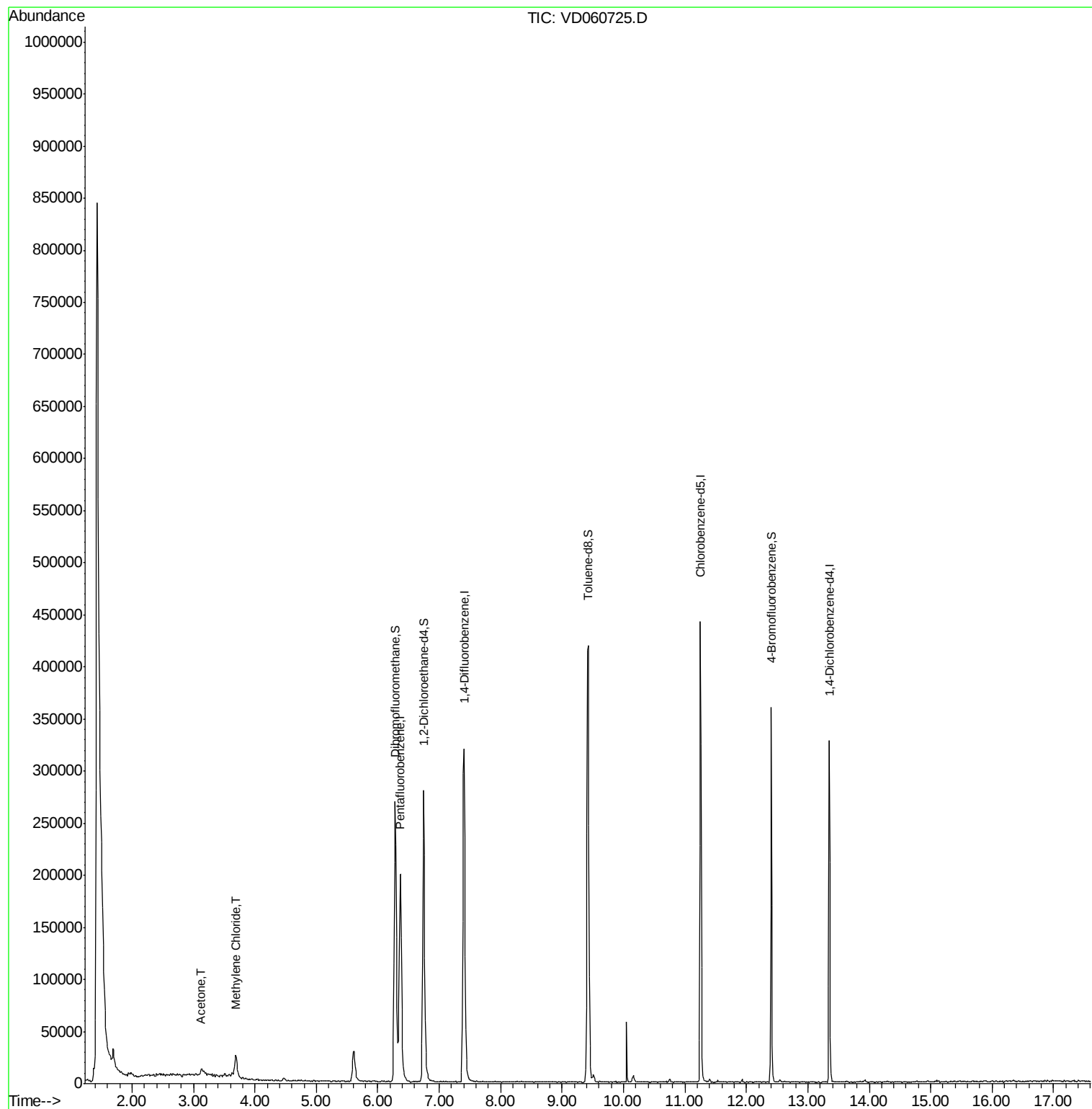
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	208264	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.41	114	347270	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.25	117	237163	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.35	152	70285	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	225147	156.43	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	312.86%	
35) Dibromofluoromethane	6.28	113	208635	82.08	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	164.16%	
50) Toluene-d8	9.42	98	351341	46.33	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	92.66%	
62) 4-Bromofluorobenzene	12.40	95	89858	33.83	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	67.66%	
Target Compounds						
16) Acetone	3.13	43	11221	44.644	ug/l #	89
20) Methylene Chloride	3.69	84	14316	5.484	ug/l	92

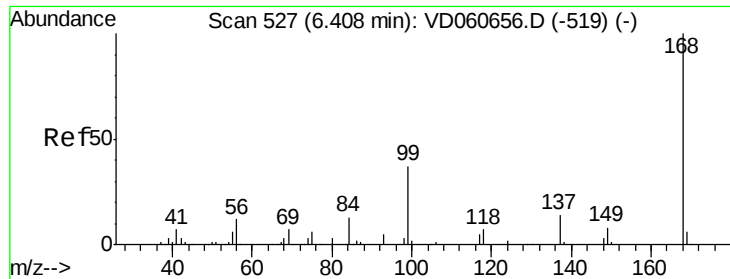
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122718\
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Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 523

Delta R.T. -0.04 min

Lab File: VD060725.D

Acq: 27 Dec 2018 14:39

Instrument :

MSVOA_D

ClientSampleId :

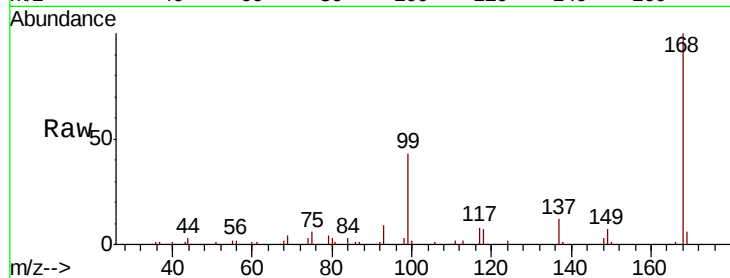
P001-SS025-1218-02RE

Tot Ion:168 Resp: 208264

Ion Ratio Lower Upper

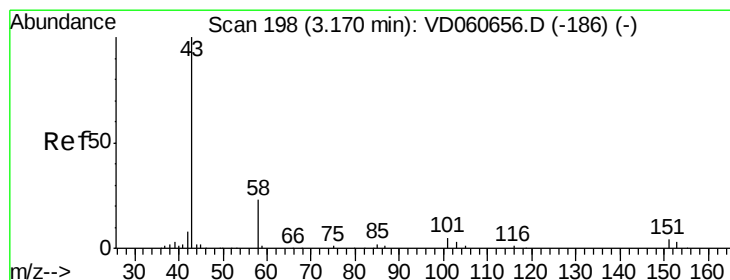
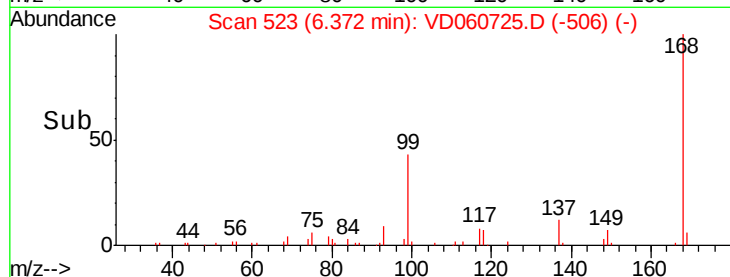
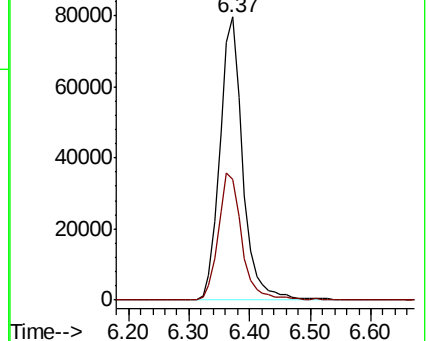
168 100

99 42.7 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 44.644 ug/l

RT: 3.13 min Scan# 194

Delta R.T. -0.04 min

Lab File: VD060725.D

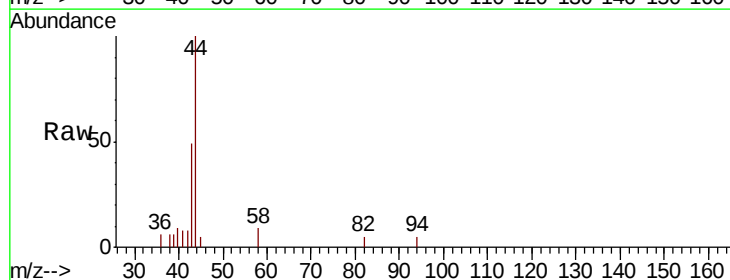
Acq: 27 Dec 2018 14:39

Tgt Ion: 43 Resp: 11221

Ion Ratio Lower Upper

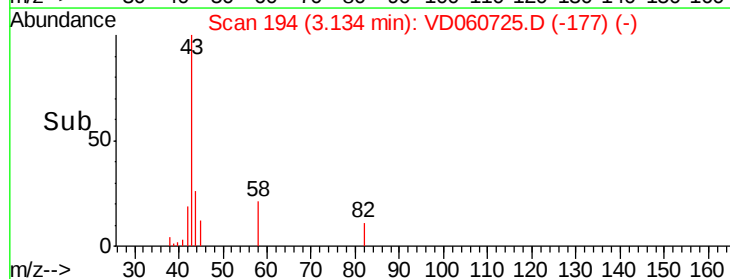
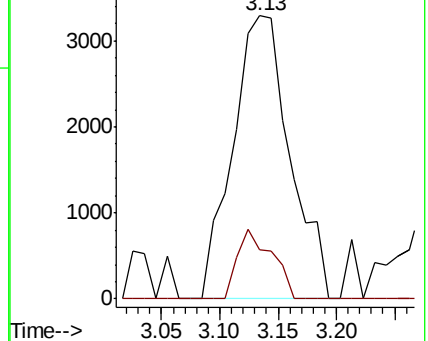
43 100

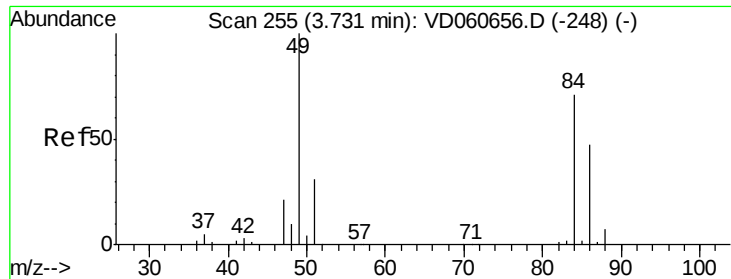
58 17.4 18.2 27.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

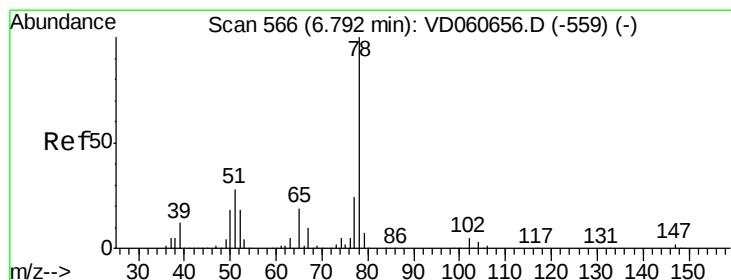
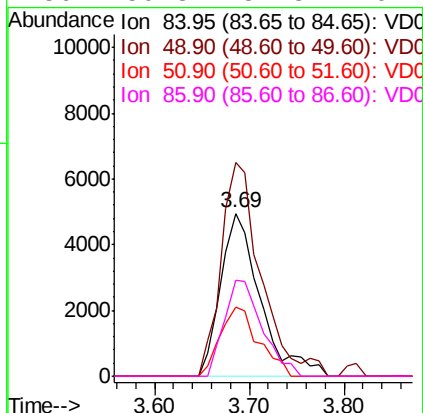
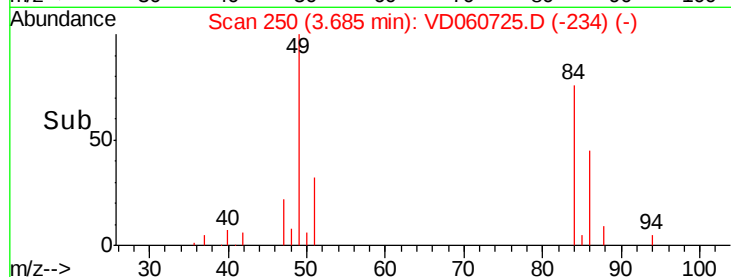
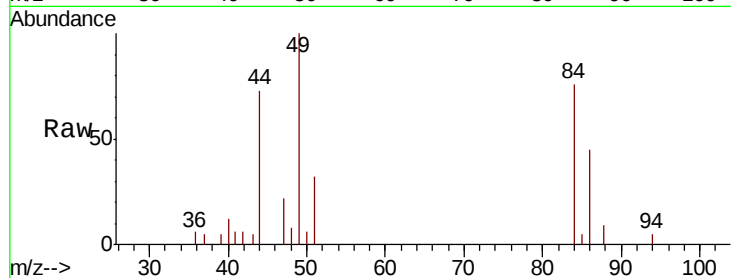




#20
Methvlene Chloride
Concen: 5.484 ug/l
RT: 3.69 min Scan# 250
Delta R.T. -0.05 min
Lab File: VD060725.D
Acq: 27 Dec 2018 14:39

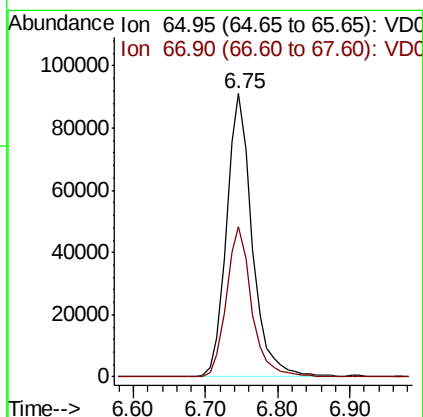
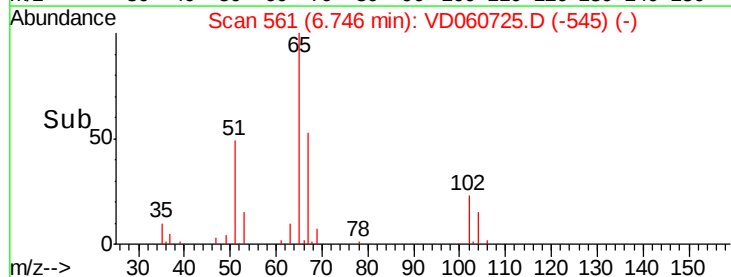
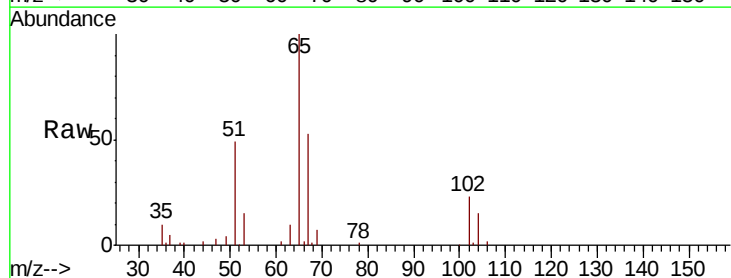
Instrument :
MSVOA_D
ClientSampleId :
P001-SS025-1218-02RE

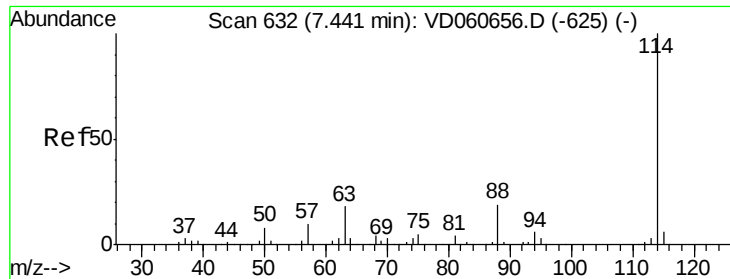
Tot Ion: 84 Resp: 14316
Ion Ratio Lower Upper
84 100
49 131.1 113.6 170.4
51 42.2 34.7 52.1
86 59.3 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.75 min Scan# 561
Delta R.T. -0.05 min
Lab File: VD060725.D
Acq: 27 Dec 2018 14:39

Tgt Ion: 65 Resp: 225147
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.41 min Scan# 628

Delta R.T. -0.04 min

Lab File: VD060725.D

Acq: 27 Dec 2018 14:39

Instrument :

MSVOA_D

ClientSampleId :

P001-SS025-1218-02RE

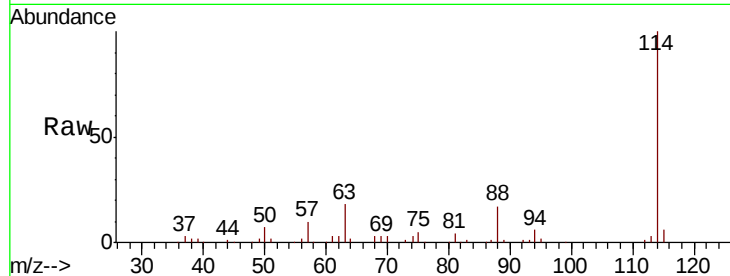
Tot Ion:114 Resp: 347270

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.2

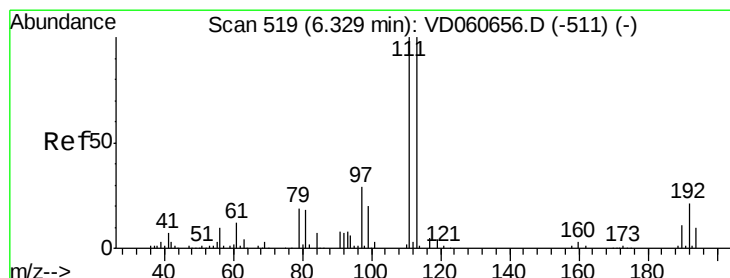
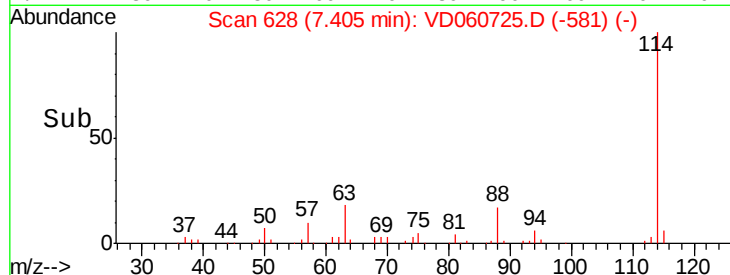
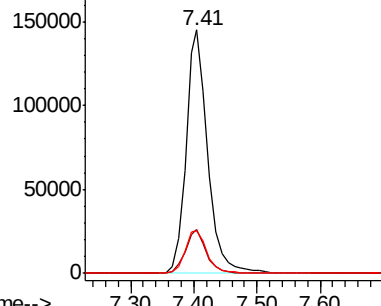
88 17.4 0.0 37.0



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: 50.000 ug/l

RT: 6.28 min Scan# 514

Delta R.T. -0.05 min

Lab File: VD060725.D

Acq: 27 Dec 2018 14:39

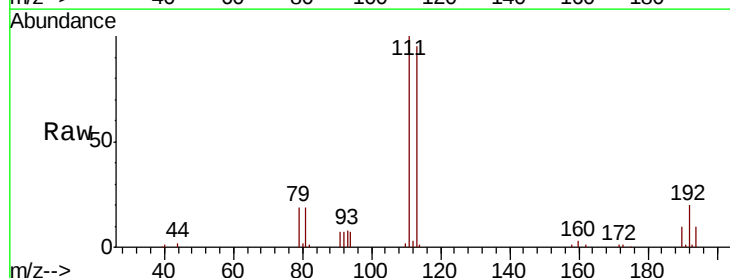
Tgt Ion:113 Resp: 208635

Ion Ratio Lower Upper

113 100

111 104.8 80.0 120.0

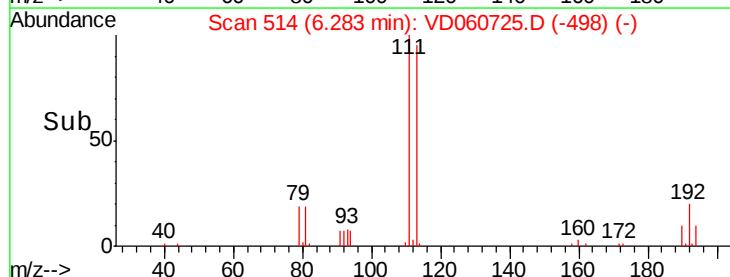
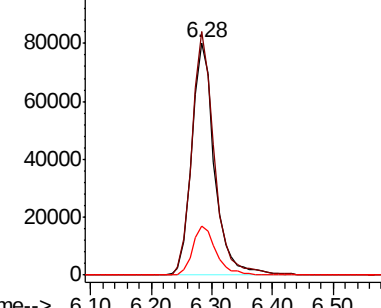
192 21.1 16.6 25.0

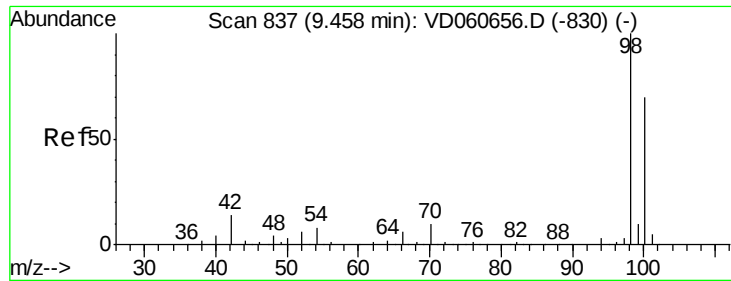


Abundance Ion 112.90 (112.60 to 113.60): V

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: 9.42 min Scan# 833

Delta R.T. -0.04 min

Lab File: VD060725.D

Acq: 27 Dec 2018 14:39

Instrument :

MSVOA_D

ClientSampleId :

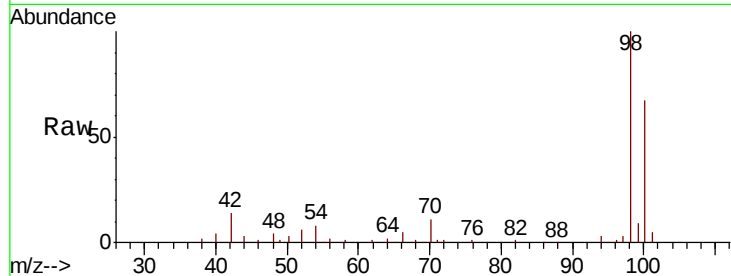
P001-SS025-1218-02RE

Tot Ion: 98 Resp: 351341

Ion Ratio Lower Upper

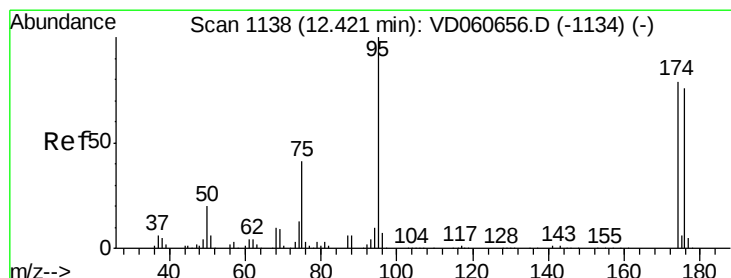
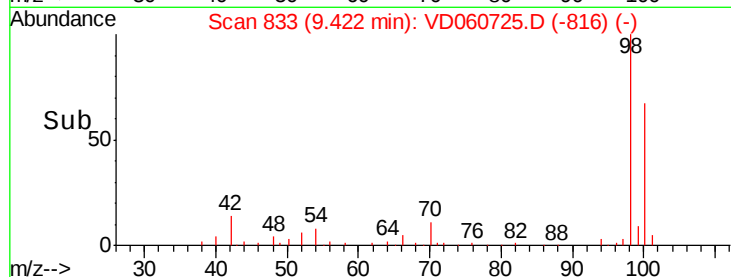
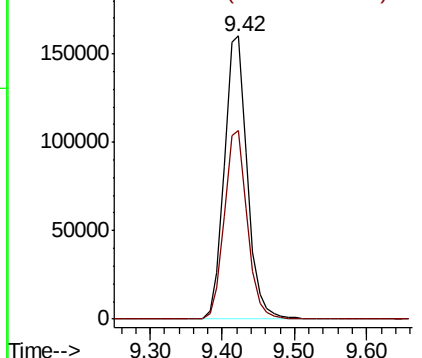
98 100

100 66.8 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 1136

Delta R.T. -0.02 min

Lab File: VD060725.D

Acq: 27 Dec 2018 14:39

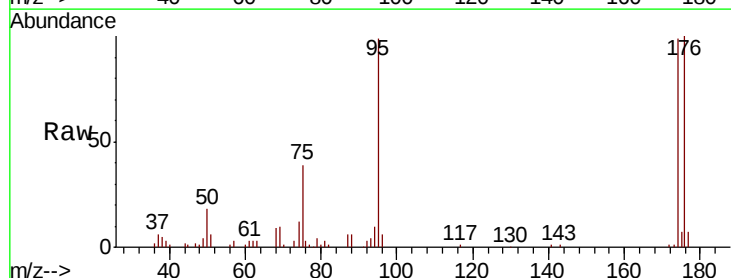
Tgt Ion: 95 Resp: 89858

Ion Ratio Lower Upper

95 100

174 99.9 0.0 158.2

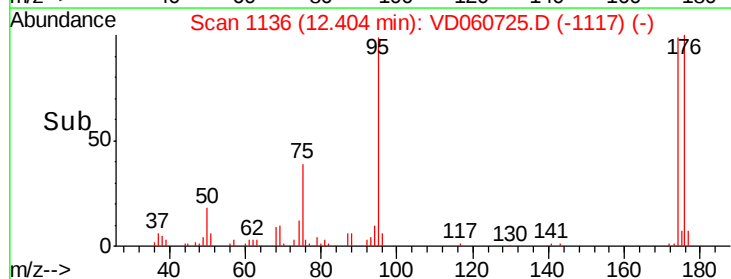
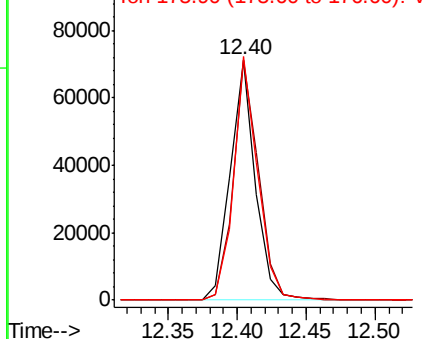
176 101.4 0.0 152.4

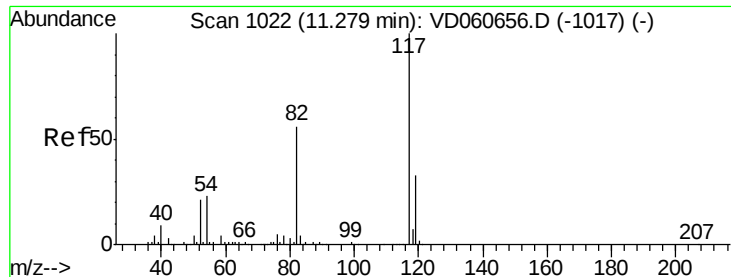


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

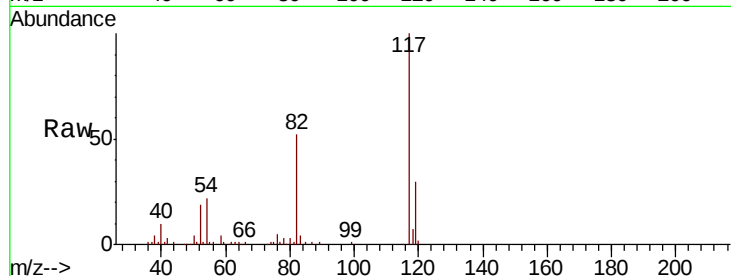




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.25 min Scan# 1019
Delta R.T. -0.03 min
Lab File: VD060725.D
Acq: 27 Dec 2018 14:39

Instrument :
MSVOA_D
ClientSampleId :
P001-SS025-1218-02RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	44.5	66.7
119	30.0	26.3	39.5

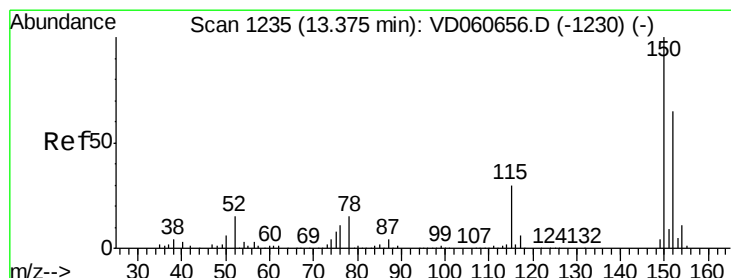
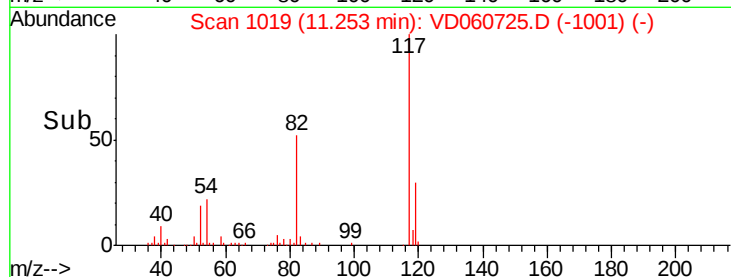
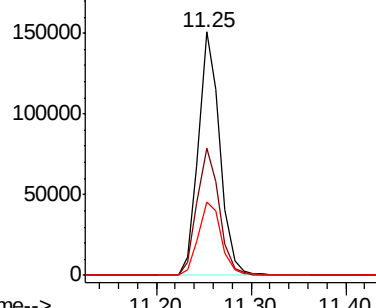


Abundance

Ion 116.95 (116.65 to 117.65): V

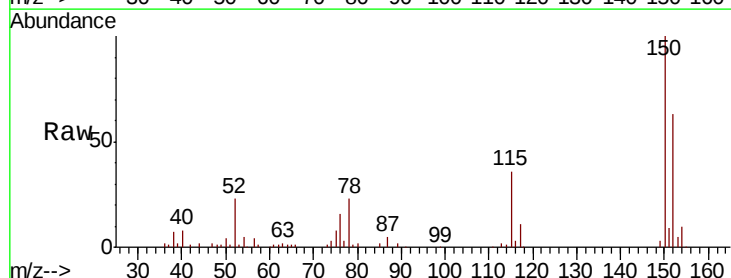
Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 1232
Delta R.T. -0.03 min
Lab File: VD060725.D
Acq: 27 Dec 2018 14:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	24.1	72.3
150	159.3	0.0	315.0



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

