

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058241.D
 Acq On : 21 Jun 2018 7:52
 Operator : VA/AP
 Sample : J3603-13
 Misc : 4.30g/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-10

Quant Time: Jun 21 09:08:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

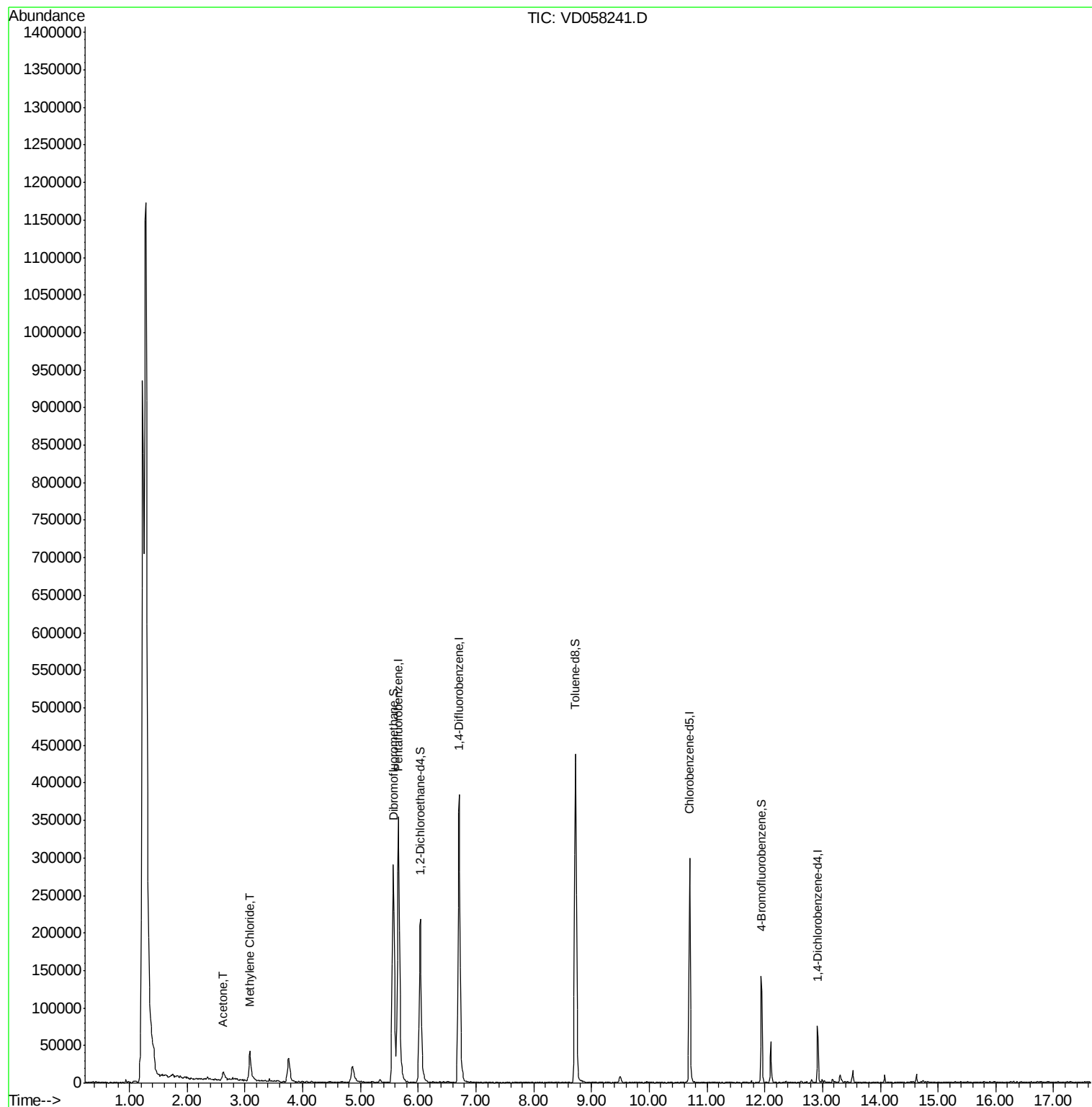
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	350257	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.71	114	409319	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.70	117	166530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	16172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	212541	60.08	ug/l	0.03
Spiked Amount 50.000			Recovery	=	120.16%	
35) Dibromofluoromethane	5.57	113	226647	68.03	ug/l	0.02
Spiked Amount 50.000			Recovery	=	136.06%	
50) Toluene-d8	8.72	98	361359	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.66%	
62) 4-Bromofluorobenzene	11.94	95	40294	12.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	24.48%	
Target Compounds						
16) Acetone	2.63	43	27918	57.70	ug/l	96
20) Methylene Chloride	3.09	84	17529	10.07	ug/l #	92

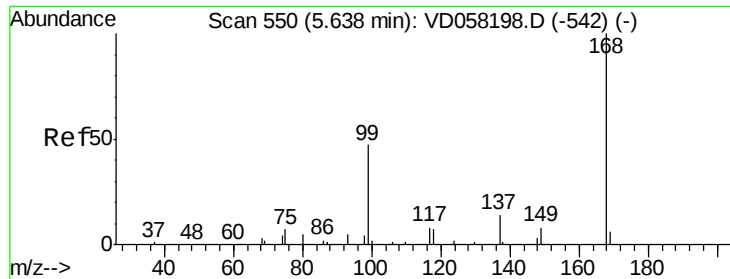
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 552

Delta R.T. 0.02 min

Lab File: VD058241.D

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Instrument :

MSVOA_D

ClientSampleId :

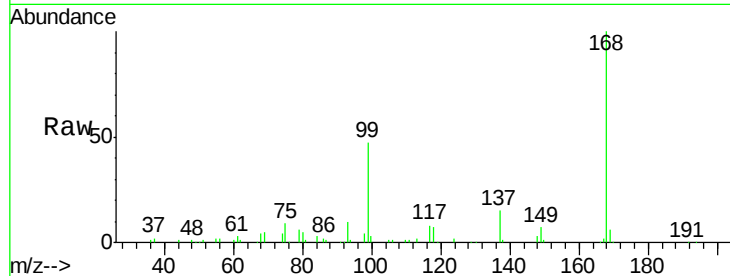
26KV-TP-10

Tot Ion:168 Resp: 350257

Ion Ratio Lower Upper

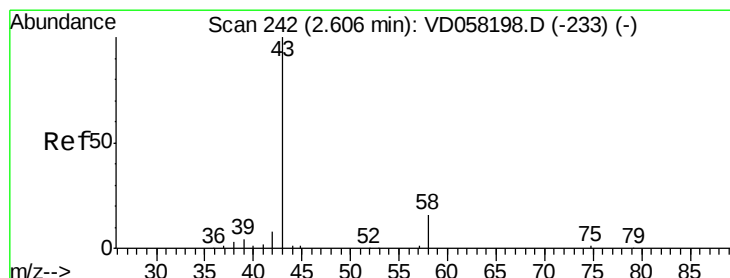
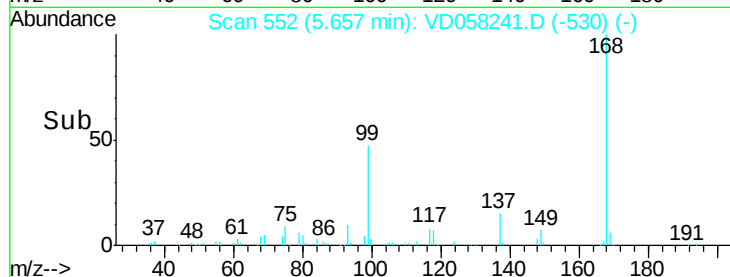
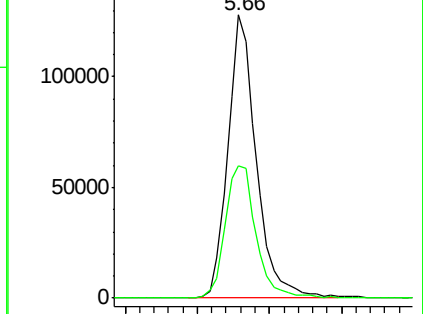
168 100

99 46.6 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 57.70 ug/l

RT: 2.63 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD058241.D

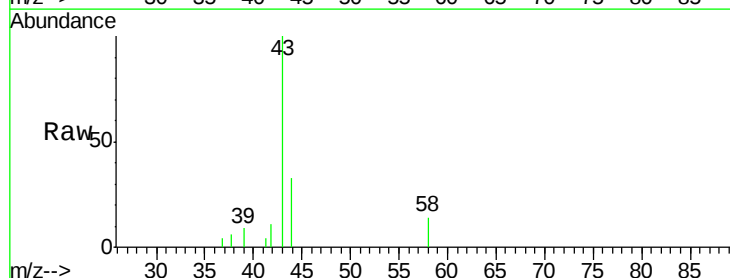
Acq: 21 Jun 2018 7:52

Tgt Ion: 43 Resp: 27918

Ion Ratio Lower Upper

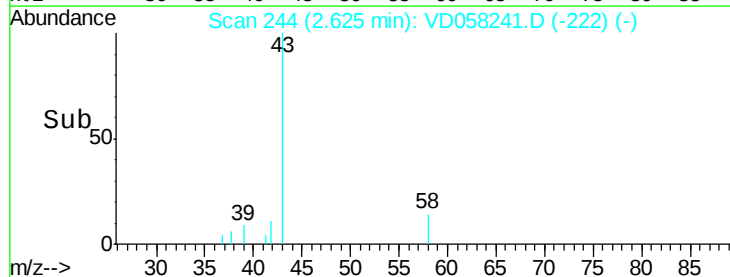
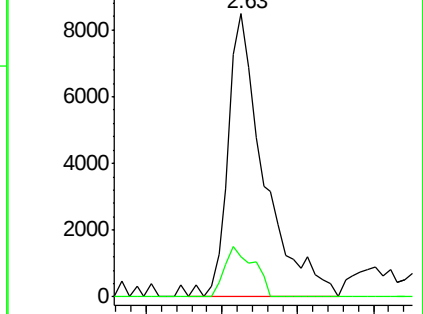
43 100

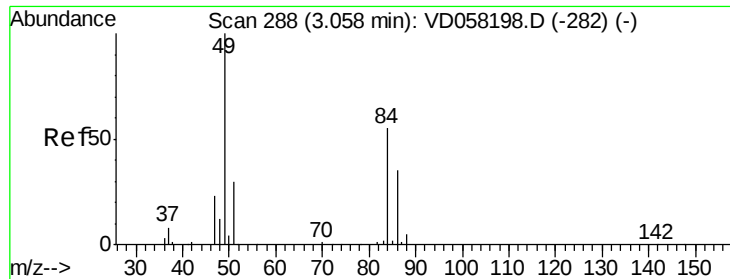
58 14.2 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

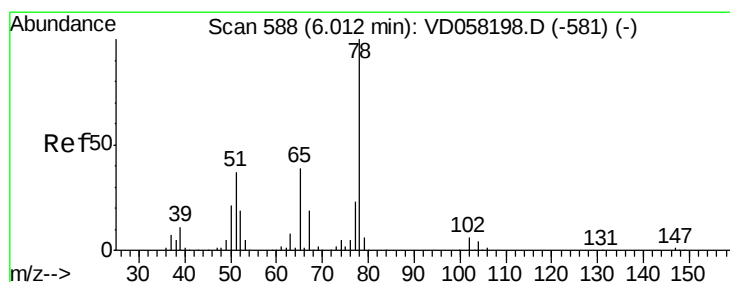
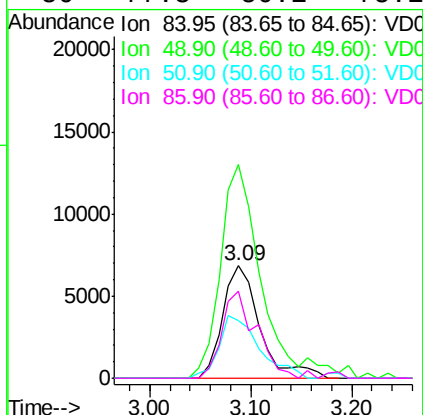
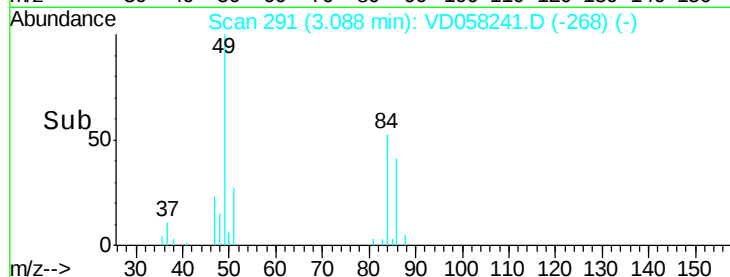
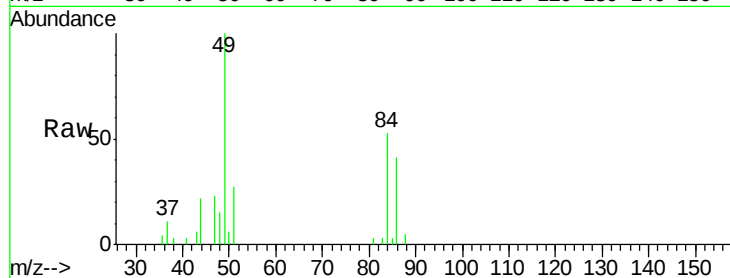




#20
Methvlene Chloride
Concen: 10.07 ug/l
RT: 3.09 min Scan# 291
Delta R.T. 0.03 min
Lab File: VD058241.D
Acq: 21 Jun 2018 7:52

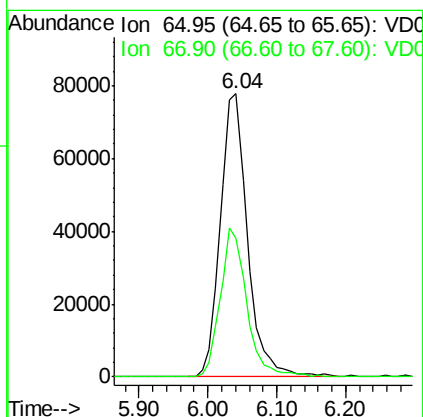
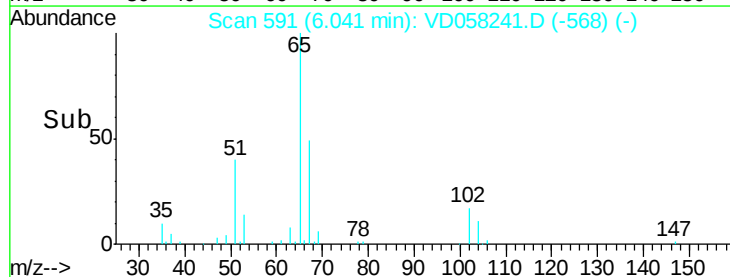
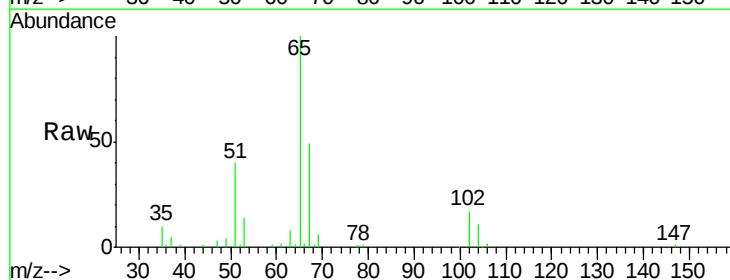
Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-10

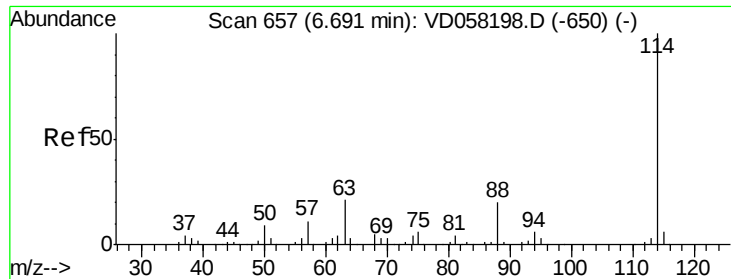
Tot Ion: 84 Resp: 17529
Ion Ratio Lower Upper
84 100
49 190.3 145.0 217.6
51 51.0 42.9 64.3
86 77.3 50.1 75.1#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.04 min Scan# 591
Delta R.T. 0.03 min
Lab File: VD058241.D
Acq: 21 Jun 2018 7:52

Tgt Ion: 65 Resp: 212541
Ion Ratio Lower Upper
65 100
67 49.0 0.0 97.8

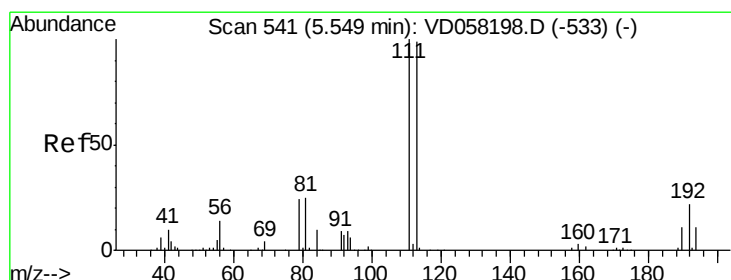
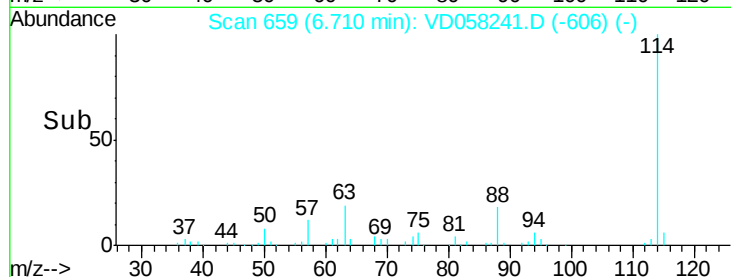
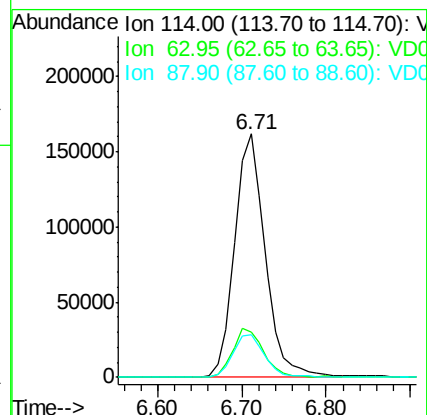
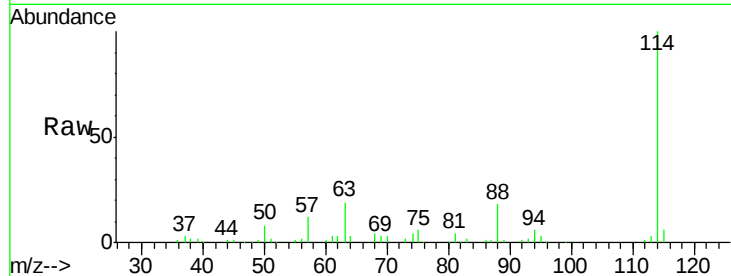




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.71 min Scan# 659
 Delta R.T. 0.02 min
 Lab File: VD058241.D
 Acq: 21 Jun 2018 7:52

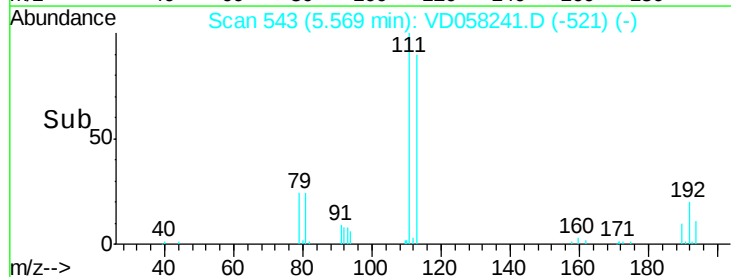
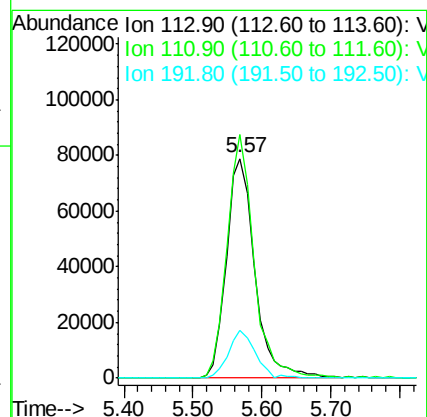
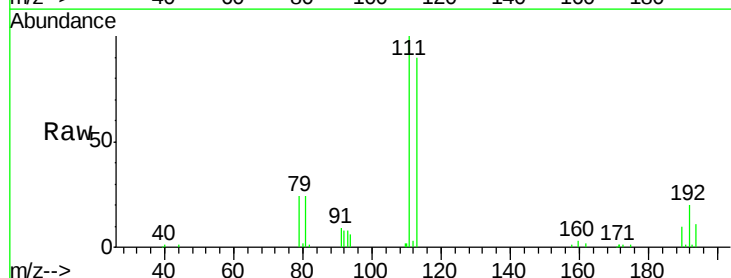
Instrument :
 MSVOA_D
 ClientSampleId :
 26KV-TP-10

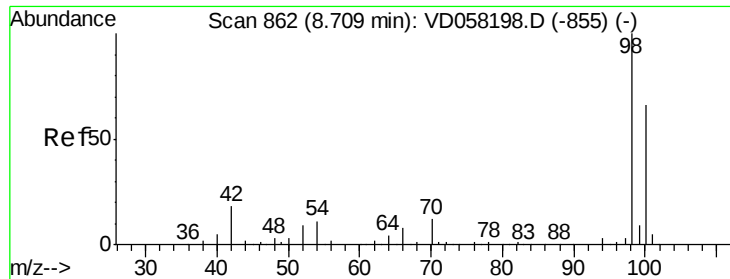
Tot Ion:114 Resp: 409319
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 42.6
 88 17.6 0.0 40.6



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.57 min Scan# 543
 Delta R.T. 0.02 min
 Lab File: VD058241.D
 Acq: 21 Jun 2018 7:52

Tgt Ion:113 Resp: 226647
 Ion Ratio Lower Upper
 113 100
 111 110.7 80.6 121.0
 192 21.7 17.8 26.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.72 min Scan# 863

Delta R.T. 0.01 min

Lab File: VD058241.D

Acq: 21 Jun 2018 7:52

Instrument :

MSVOA_D

ClientSampleId :

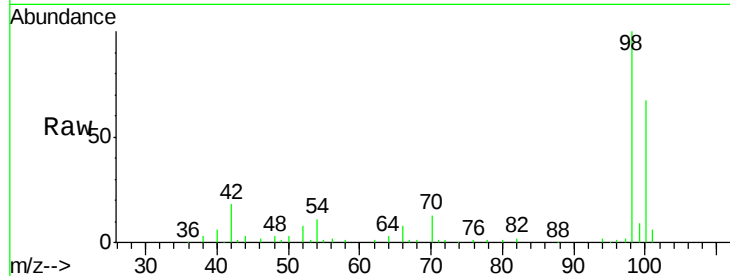
26KV-TP-10

Tot Ion: 98 Resp: 361359

Ion Ratio Lower Upper

98 100

100 66.8 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.72

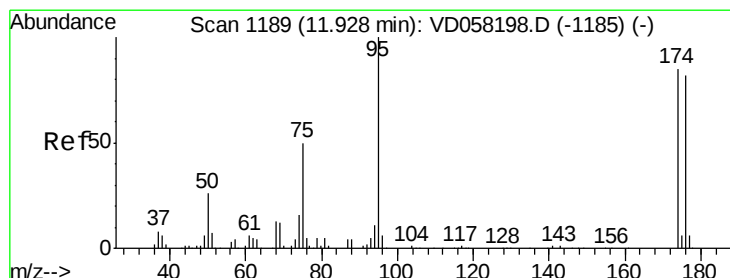
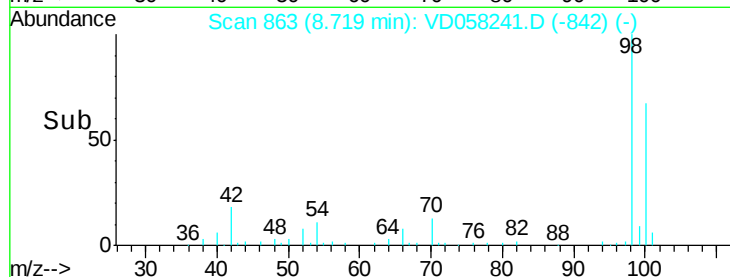
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058241.D

Acq: 21 Jun 2018 7:52

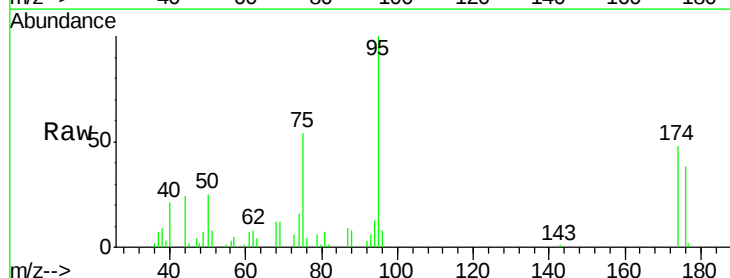
Tgt Ion: 95 Resp: 40294

Ion Ratio Lower Upper

95 100

174 47.7 0.0 170.2

176 38.0 0.0 164.6



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

11.94

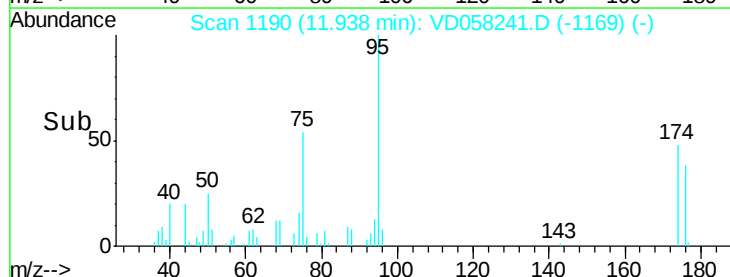
30000

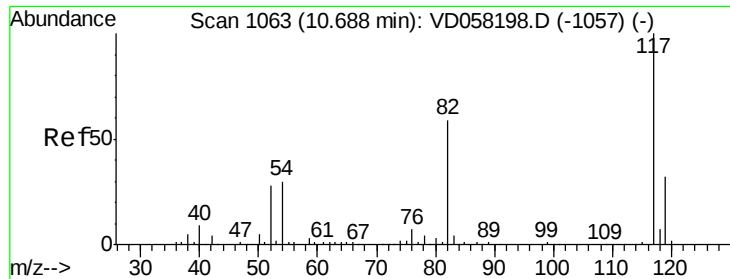
20000

10000

0

Time-->

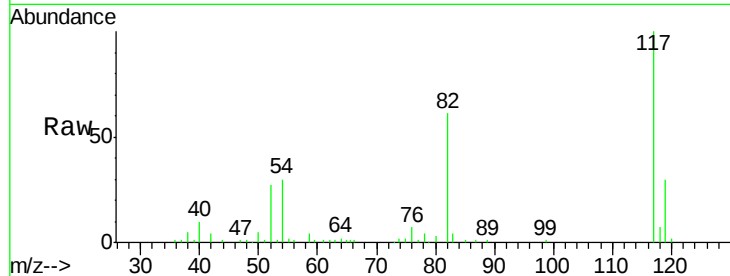




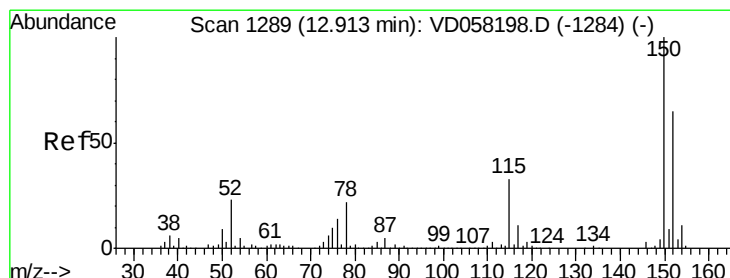
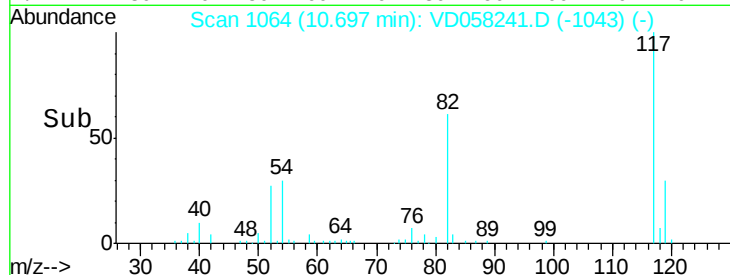
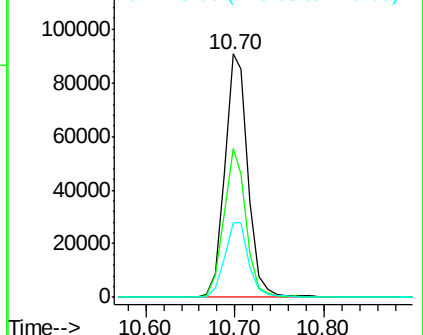
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058241.D
Acq: 21 Jun 2018 7:52

Instrument :
MSVOA_D
ClientSampleId :
26KV-TP-10

Tot Ion:117 Resp: 166530
Ion Ratio Lower Upper
117 100
82 60.9 47.0 70.6
119 30.5 25.3 37.9

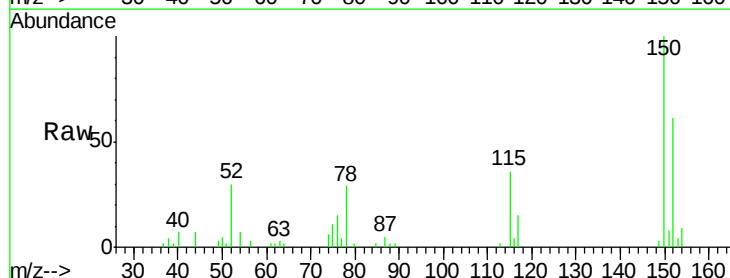


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD058241.D
Acq: 21 Jun 2018 7:52

Tgt Ion:152 Resp: 16172
Ion Ratio Lower Upper
152 100
115 59.0 25.1 75.3
150 164.7 0.0 308.8



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

