

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091718\
 Data File : VD060030.D
 Acq On : 17 Sep 2018 19:23
 Operator : JC/SY
 Sample : J4942-01RE
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RB32727RTRE

Quant Time: Sep 18 05:27:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

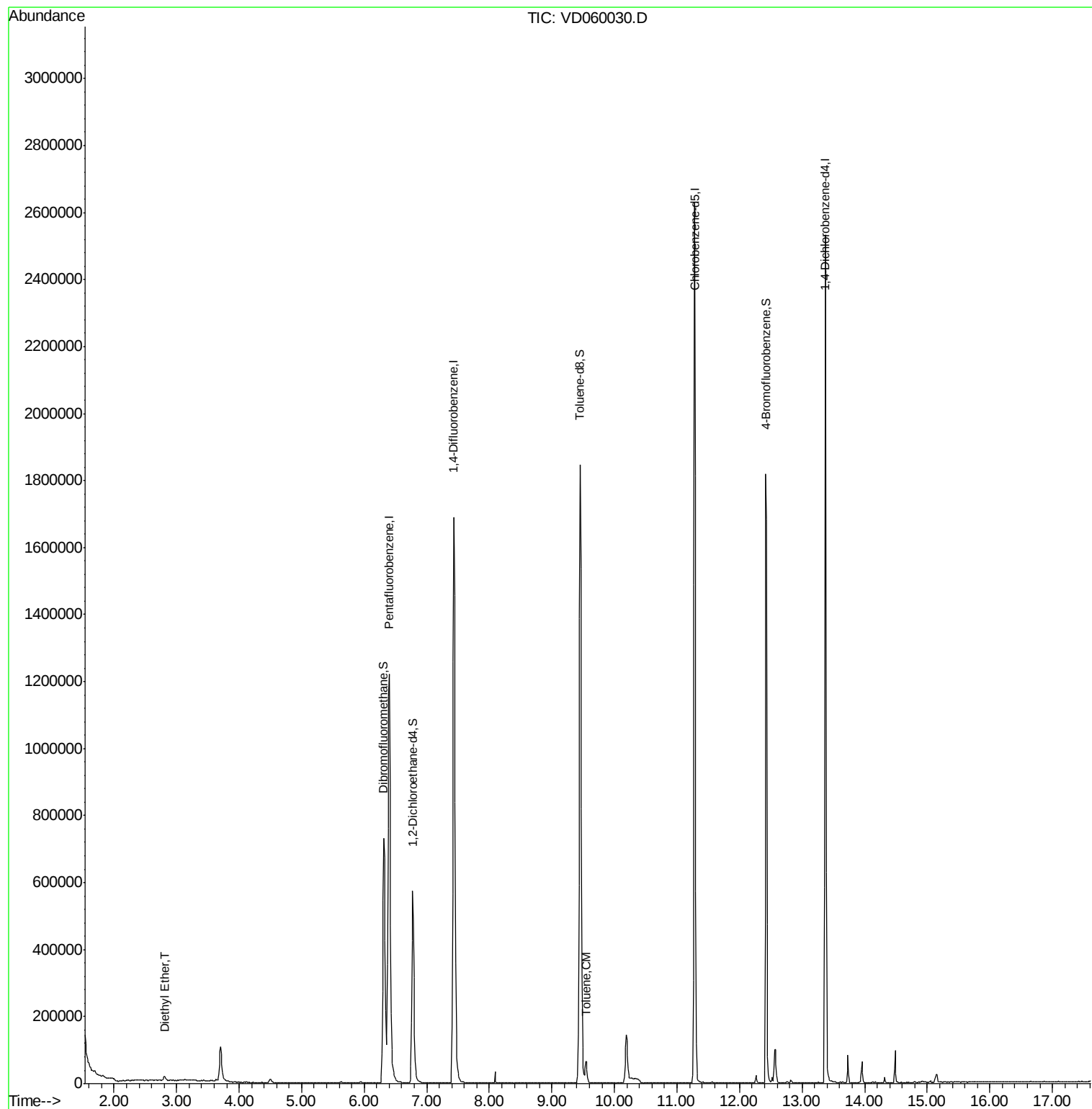
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1183860	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.43	114	1722839	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	1351086	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	659824	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	456628	49.46	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	6.31	113	572046	42.50	ug/l	0.01
Spiked Amount	50.000		Recovery	=	85.00%	
50) Toluene-d8	9.45	98	1474232	39.52	ug/l	0.01
Spiked Amount	50.000		Recovery	=	79.04%	
62) 4-Bromofluorobenzene	12.42	95	553402	38.83	ug/l	0.01
Spiked Amount	50.000		Recovery	=	77.66%	
Target Compounds						
8) Diethyl Ether	2.82	74	4649	2.24	ug/l	Qvalue 88
52) Toluene	9.55	92	32077	1.15	ug/l	98

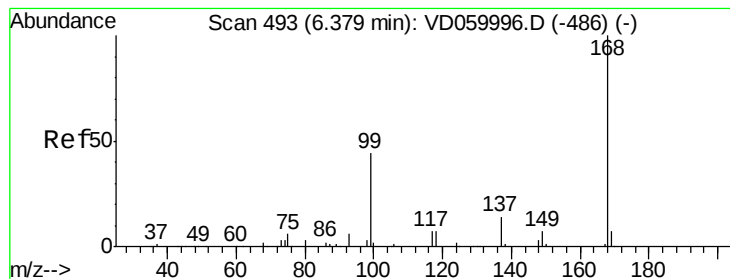
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.02 min

Lab File: VD060030.D

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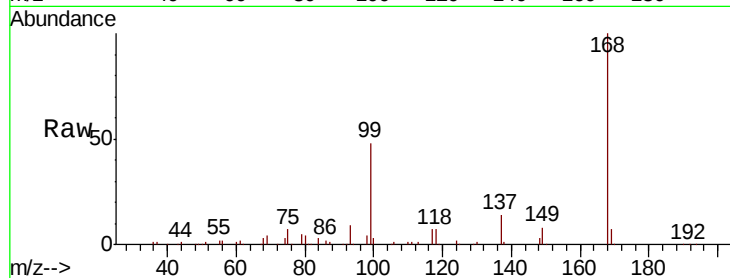
Instrument :
MSVOA_D
ClientSampleId :
RB32727RTRE

Tot Ion:168 Resp: 1183860

Ion Ratio Lower Upper

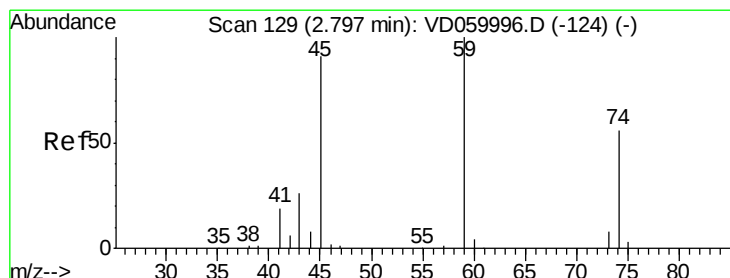
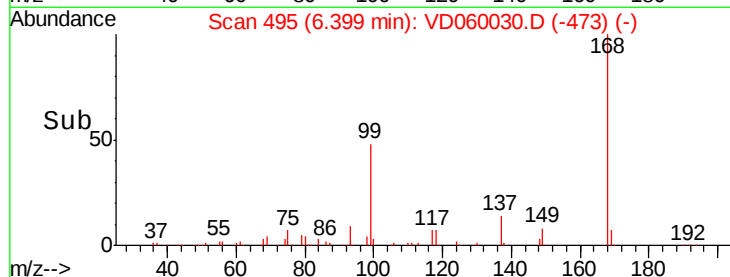
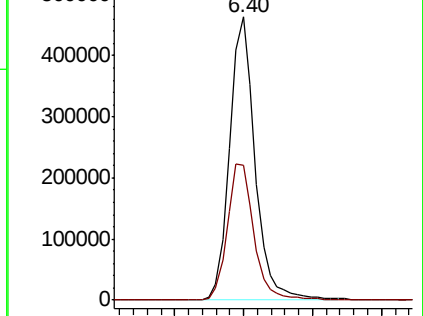
168 100

99 47.6 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 2.24 ug/l

RT: 2.82 min Scan# 131

Delta R.T. 0.02 min

Lab File: VD060030.D

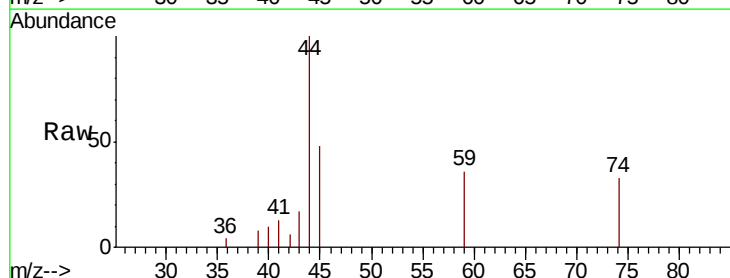
Acq: 17 Sep 2018 19:23

Tgt Ion: 74 Resp: 4649

Ion Ratio Lower Upper

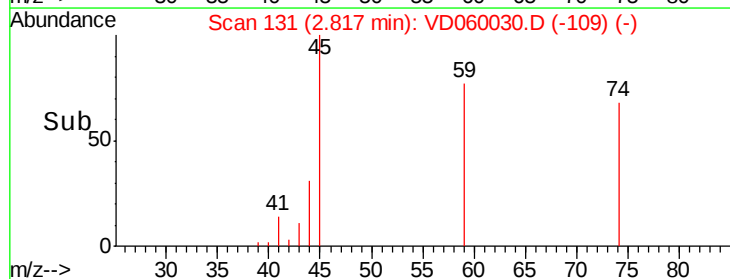
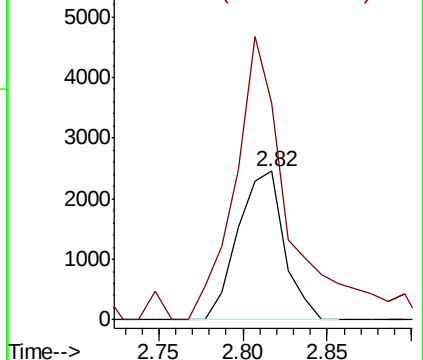
74 100

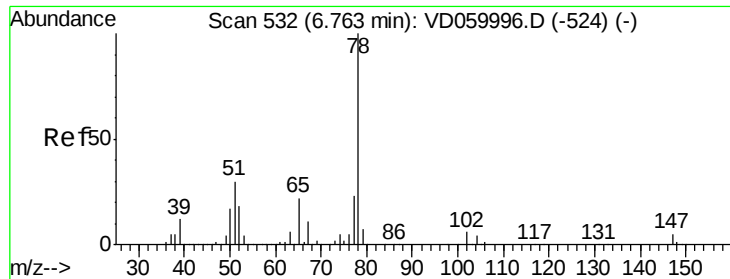
45 146.0 81.2 243.4



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. 0.01 min

Lab File: VD060030.D

Acq: 17 Sep 2018 19:23

Instrument :

MSVOA_D

ClientSampleId :

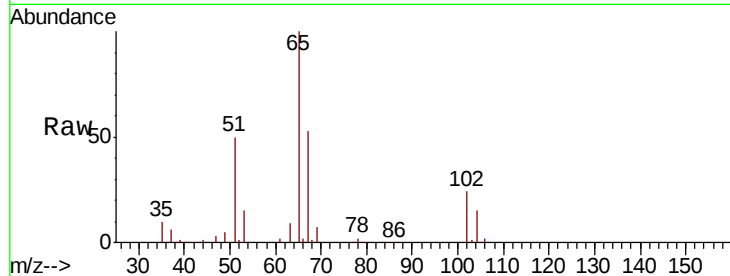
RB32727RTRE

Tot Ion: 65 Resp: 456628

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.77

200000

150000

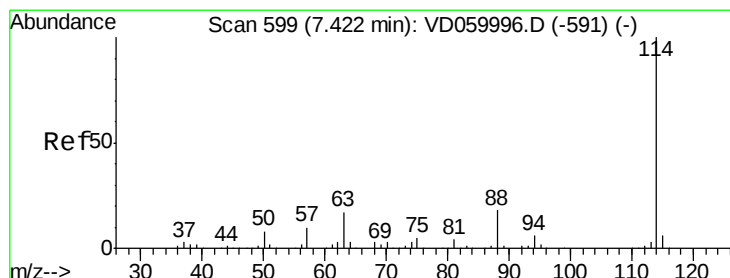
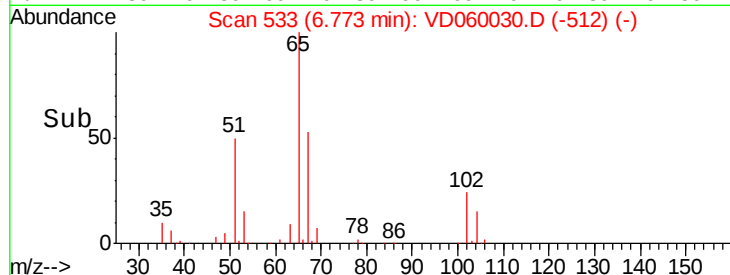
100000

50000

0

Time-->

6.60 6.70 6.80 6.90 7.00



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.43 min Scan# 600

Delta R.T. 0.01 min

Lab File: VD060030.D

Acq: 17 Sep 2018 19:23

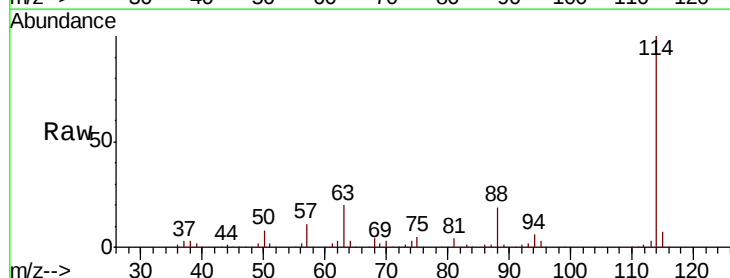
Tgt Ion: 114 Resp: 1722839

Ion Ratio Lower Upper

114 100

63 19.7 0.0 34.4

88 19.1 0.0 35.8



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

1000000

800000

600000

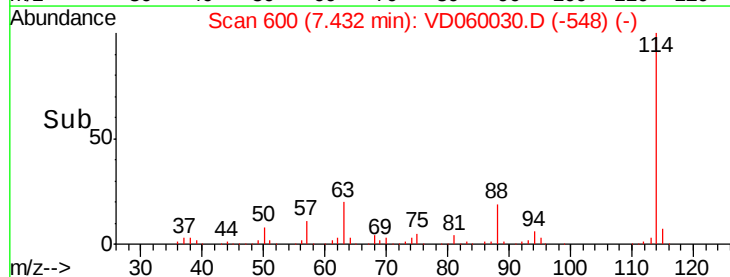
400000

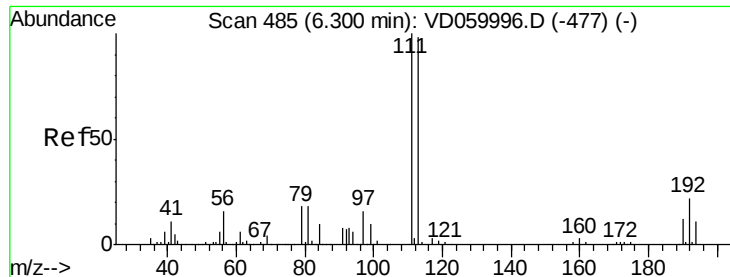
200000

0

Time-->

7.20 7.40 7.60 7.80

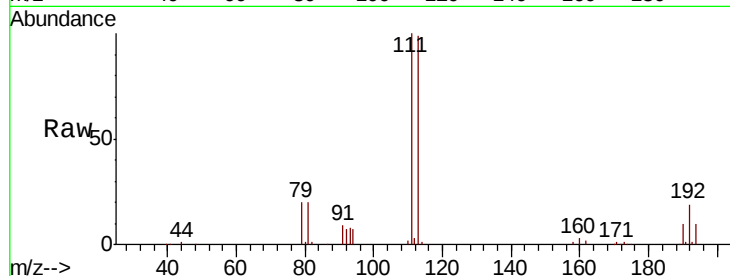




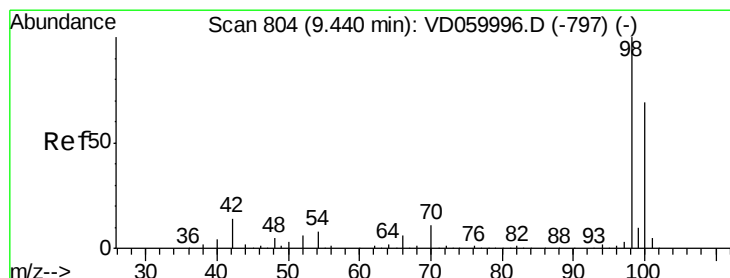
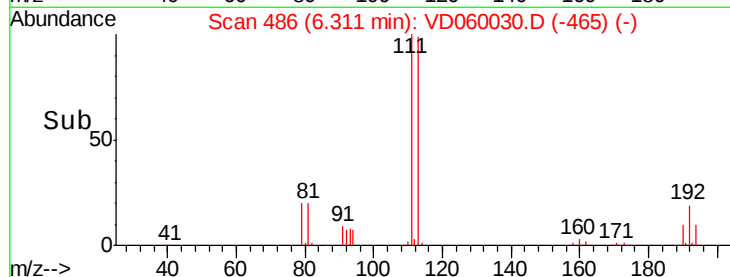
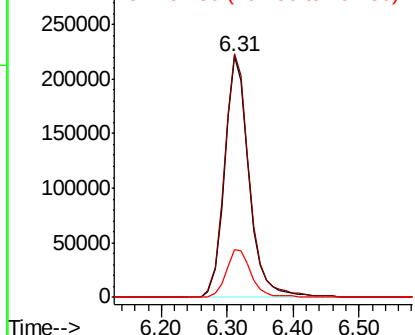
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. 0.01 min
 Lab File: VD060030.D
 Acq: 17 Sep 2018 19:23

Instrument :
 MSVOA_D
 ClientSampleId :
 RB32727RTRE

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.3	121.9
192	19.6	18.1	27.1

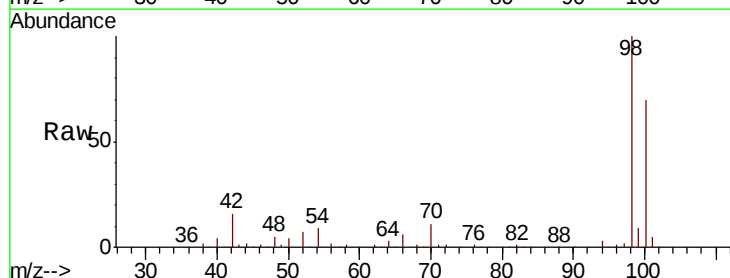


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

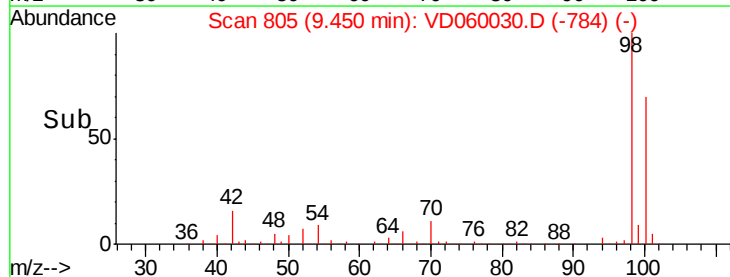
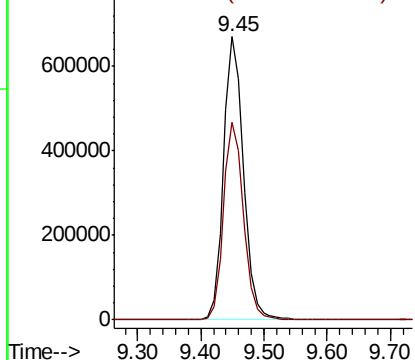


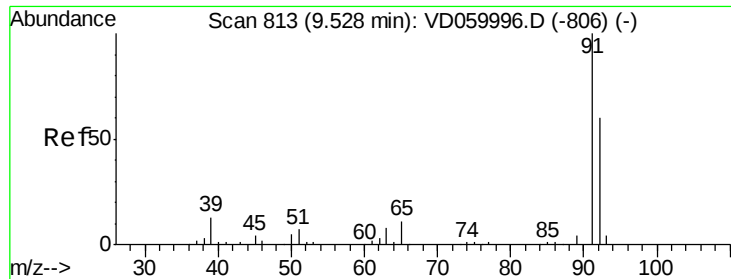
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.45 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VD060030.D
 Acq: 17 Sep 2018 19:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.9	55.8	83.6



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





#52

Toluene

Concen: 1.15 ug/l

RT: 9.55 min Scan# 815

Delta R.T. 0.02 min

Lab File: VD060030.D

Acq: 17 Sep 2018 19:23

Instrument :

MSVOA_D

ClientSampleId :

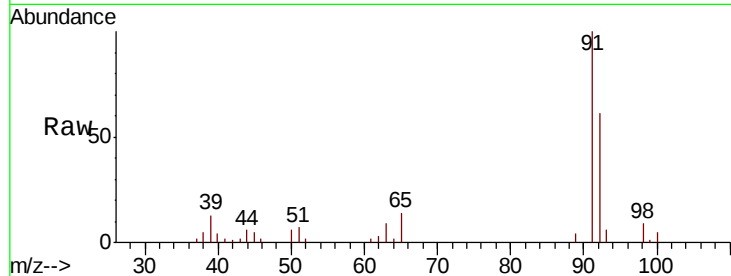
RB32727RTRE

Tot Ion: 92 Resp: 32077

Ion Ratio Lower Upper

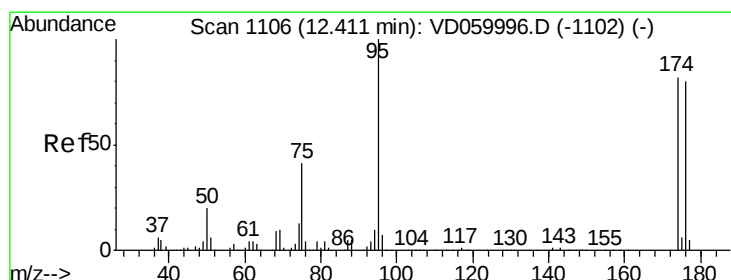
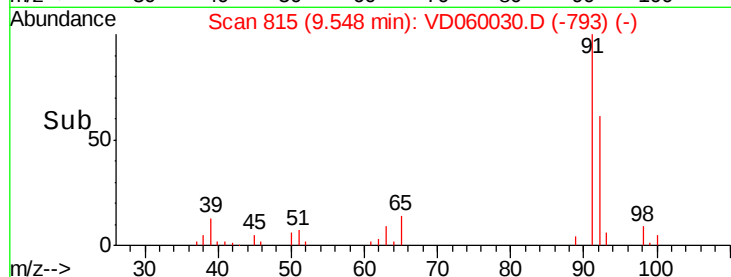
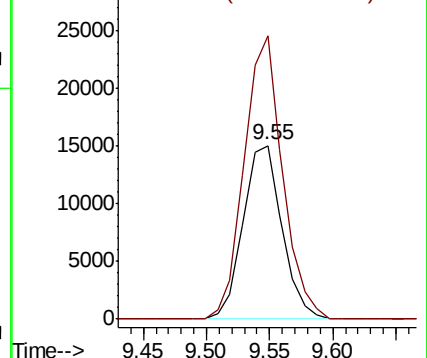
92 100

91 163.1 132.3 198.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD060030.D

Acq: 17 Sep 2018 19:23

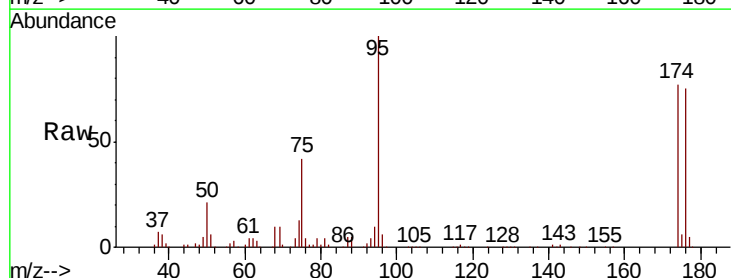
Tgt Ion: 95 Resp: 553402

Ion Ratio Lower Upper

95 100

174 77.4 0.0 165.0

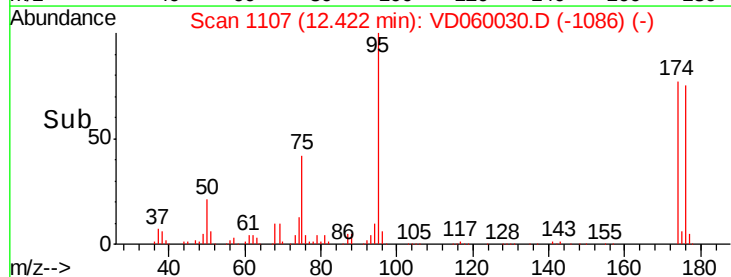
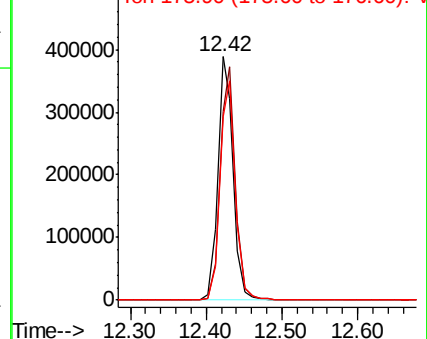
176 75.4 0.0 160.2

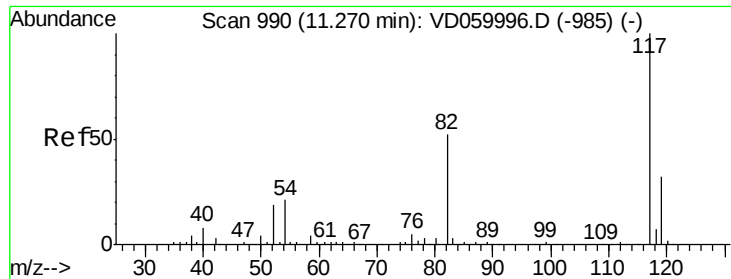


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

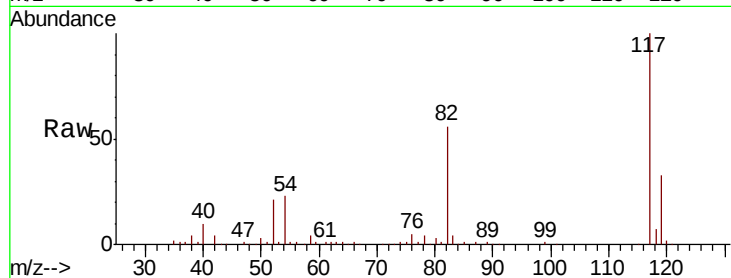




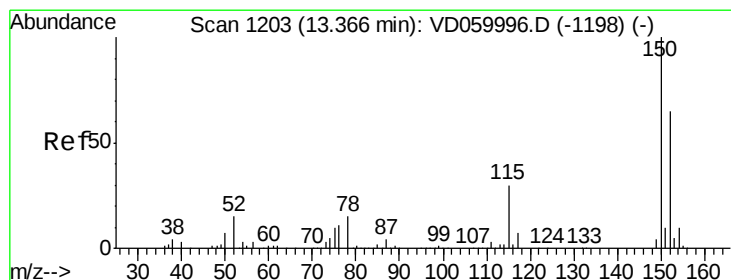
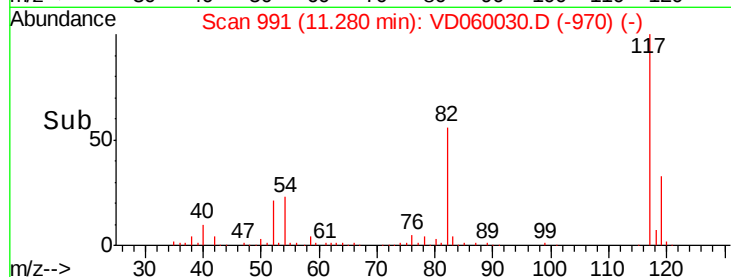
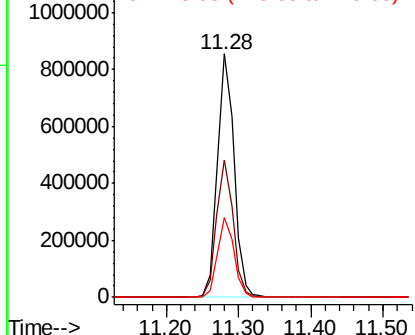
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060030.D
Acq: 17 Sep 2018 19:23

Instrument :
MSVOA_D
ClientSampleId :
RB32727RTRE

Tot Ion:117 Resp: 1351086
Ion Ratio Lower Upper
117 100
82 56.2 41.7 62.5
119 32.6 26.0 39.0

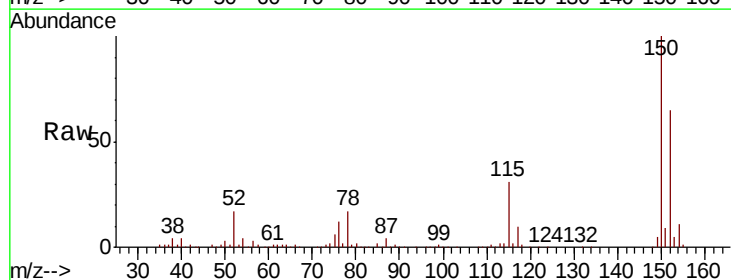


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060030.D
Acq: 17 Sep 2018 19:23

Tgt Ion:152 Resp: 659824
Ion Ratio Lower Upper
152 100
115 48.0 24.6 73.8
150 153.1 0.0 313.4



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

