

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120318\
 Data File : VD060471.D
 Acq On : 3 Dec 2018 13:21
 Operator : VA/AP
 Sample : J5764-21
 Misc : 5.42g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-113018-A

Quant Time: Dec 04 02:40:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

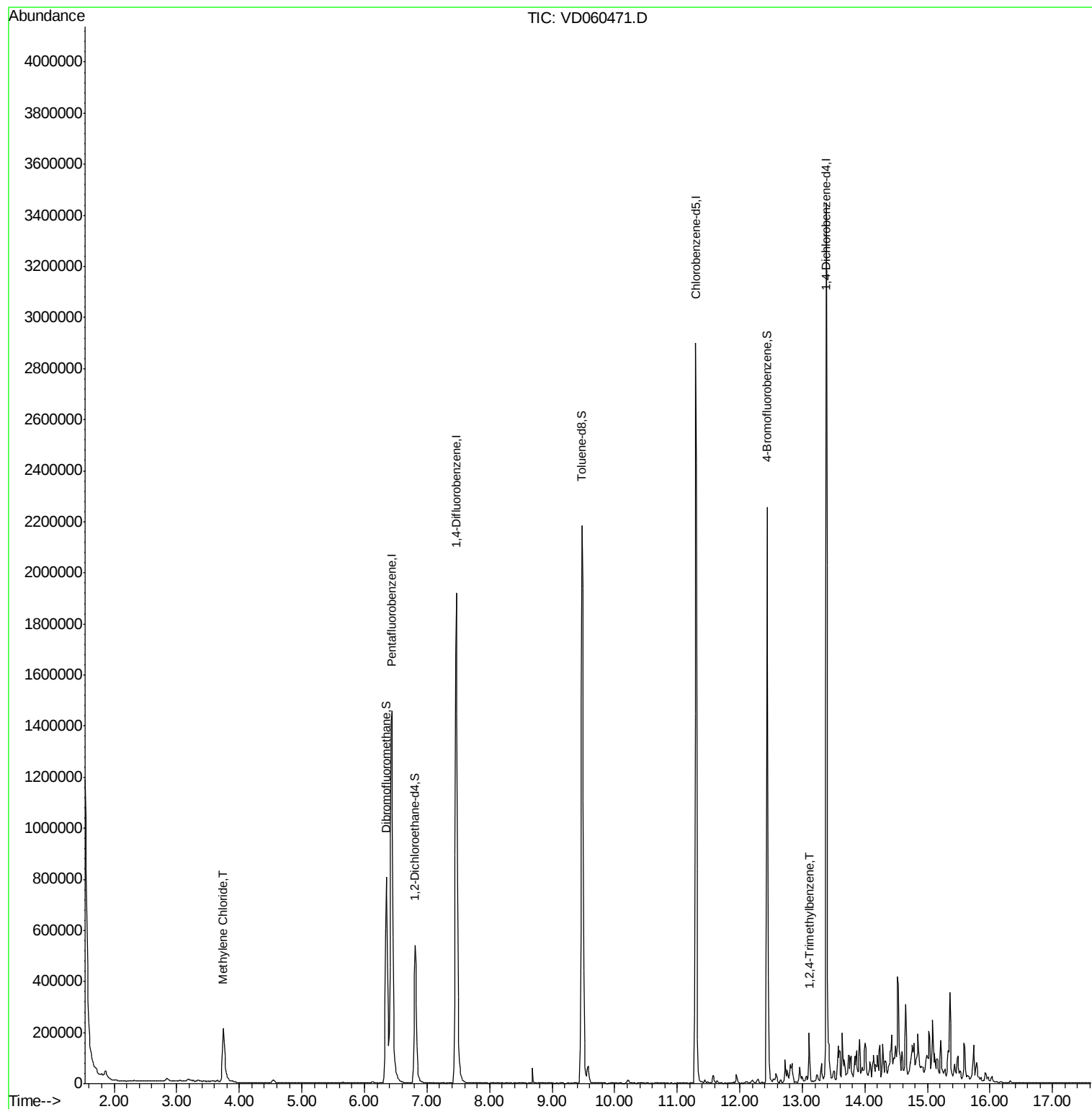
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	1500827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.47	114	2076722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	1640215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	781085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.81	65	447016	41.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.20%	
35) Dibromofluoromethane	6.35	113	644201	41.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.20%	
50) Toluene-d8	9.48	98	1798572	39.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.36%	
62) 4-Bromofluorobenzene	12.44	95	651820	39.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.38%	
Target Compounds						
20) Methylene Chloride	3.75	84	146029	8.831	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	79901	1.809	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.44 min Scan# 499

Delta R.T. 0.01 min

Lab File: VD060471.D

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ClientSampleId :

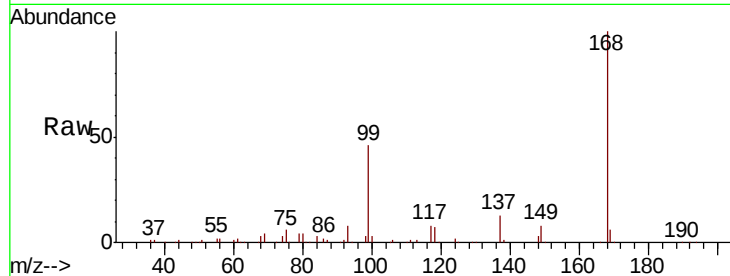
JC-02-113018-A

Tot Ion:168 Resp: 1500827

Ion Ratio Lower Upper

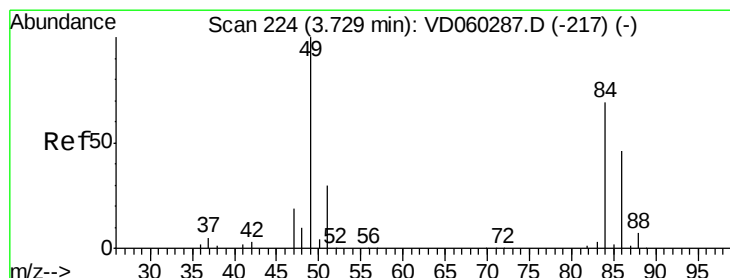
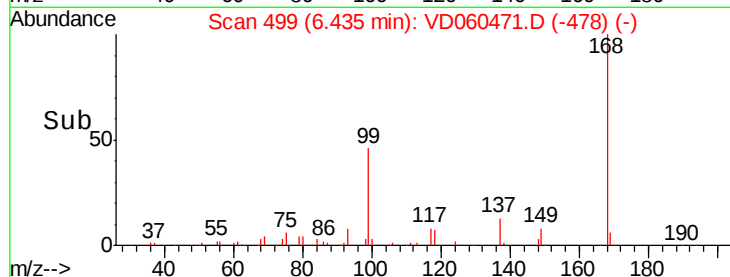
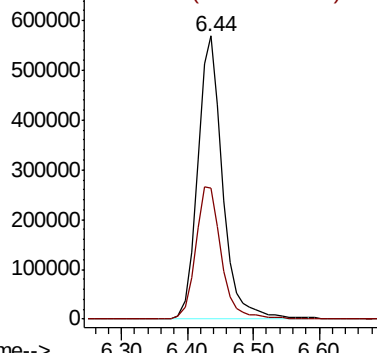
168 100

99 46.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 8.831 ug/l

RT: 3.75 min Scan# 226

Delta R.T. 0.02 min

Lab File: VD060471.D

Acq: 3 Dec 2018 13:21

Tgt Ion: 84 Resp: 146029

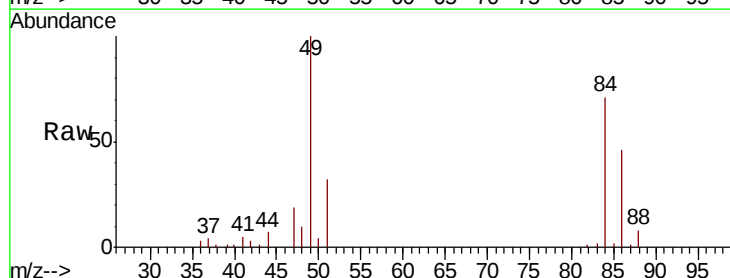
Ion Ratio Lower Upper

84 100

49 140.1 115.6 173.4

51 44.6 35.6 53.4

86 65.1 52.3 78.5

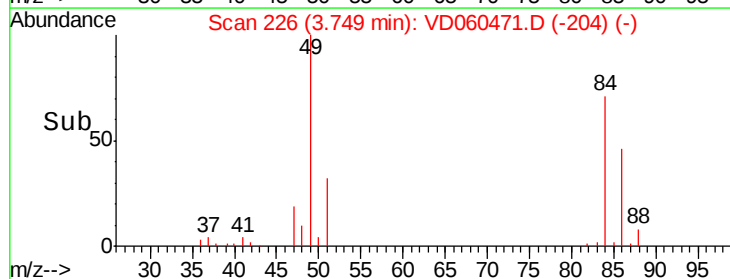
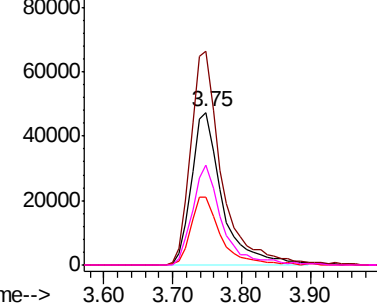


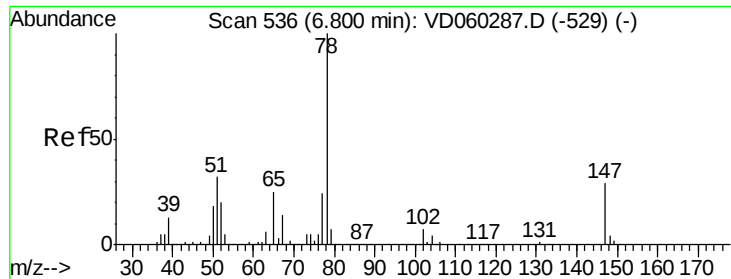
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: Below ug/l

RT: 6.81 min Scan# 537

Delta R.T. 0.01 min

Lab File: VD060471.D

Acq: 3 Dec 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

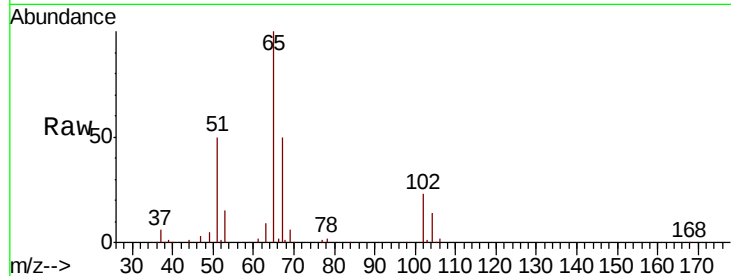
JC-02-113018-A

Tot Ion: 65 Resp: 447016

Ion Ratio Lower Upper

65 100

67 50.3 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.81

200000

150000

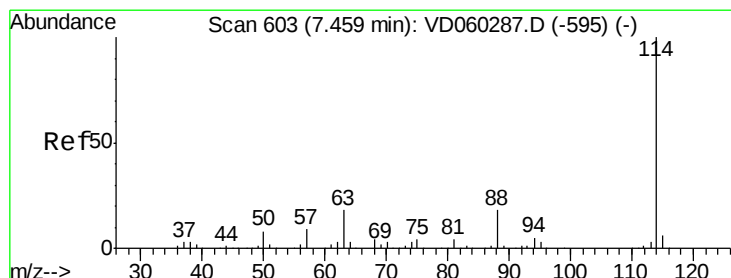
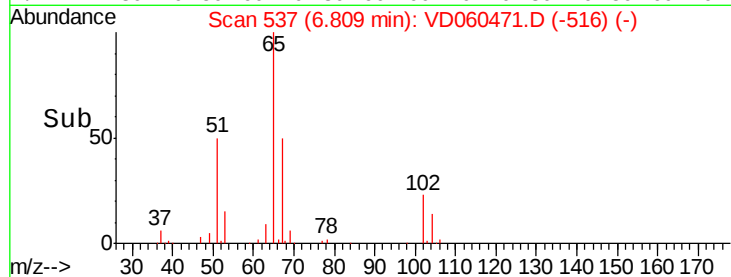
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD060471.D

Acq: 3 Dec 2018 13:21

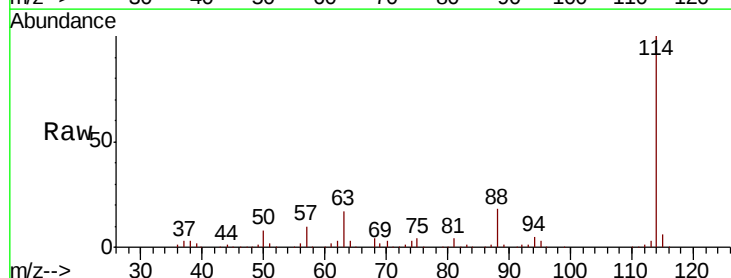
Tgt Ion:114 Resp: 2076722

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.0

88 17.8 0.0 35.4



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

1200000

1000000

800000

600000

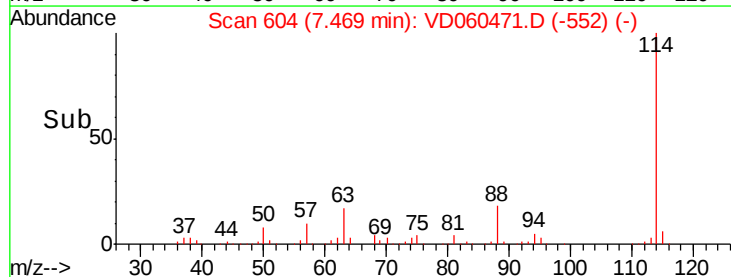
400000

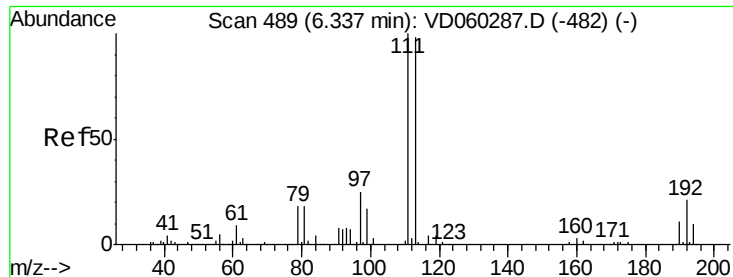
200000

0

7.40 7.47 7.54

Time-->

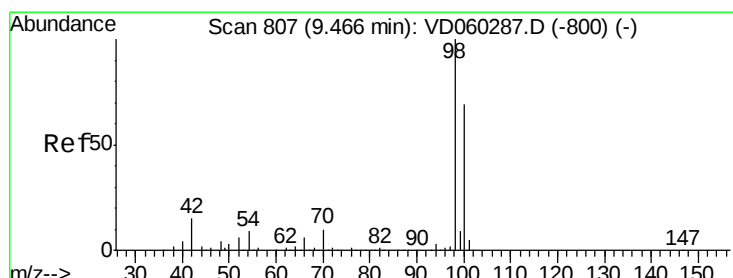
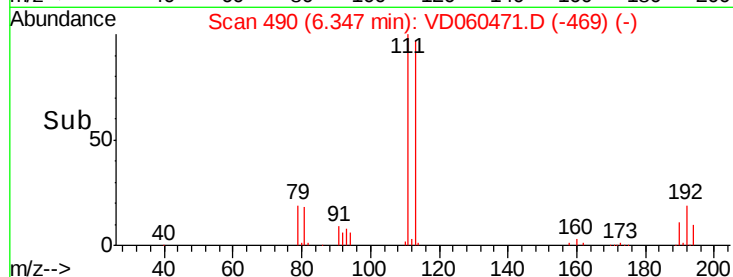
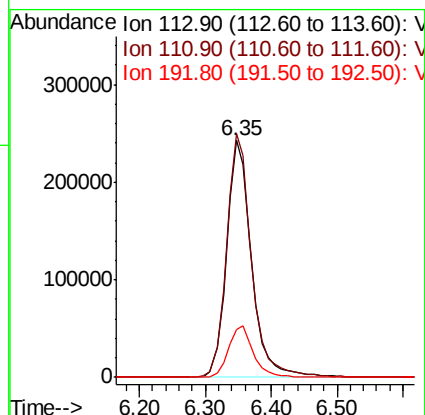
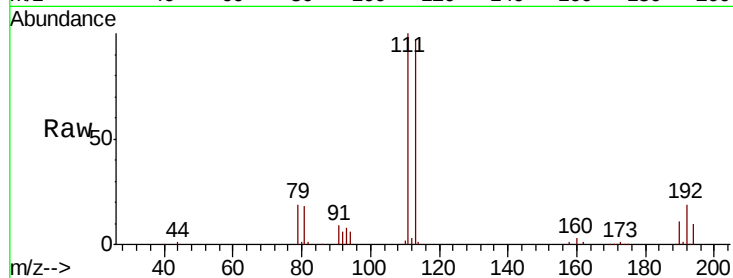




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.35 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: VD060471.D
 Acq: 3 Dec 2018 13:21

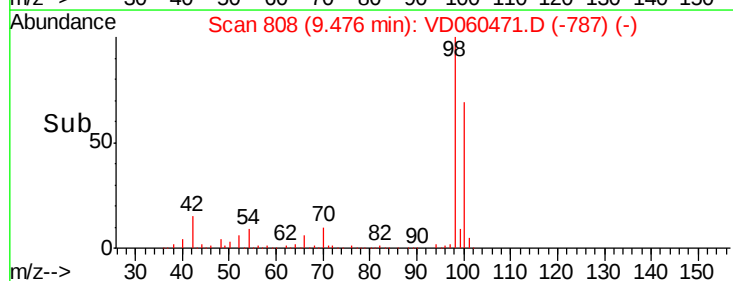
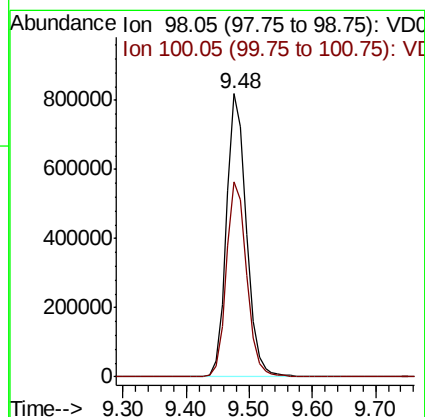
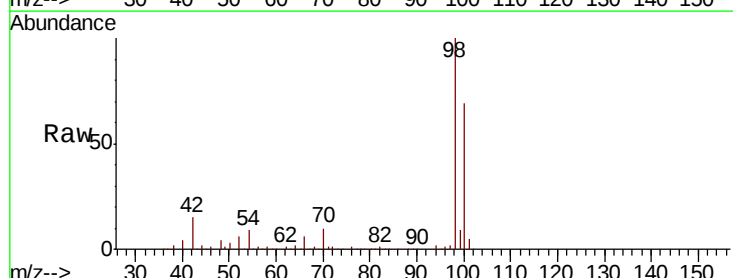
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-113018-A

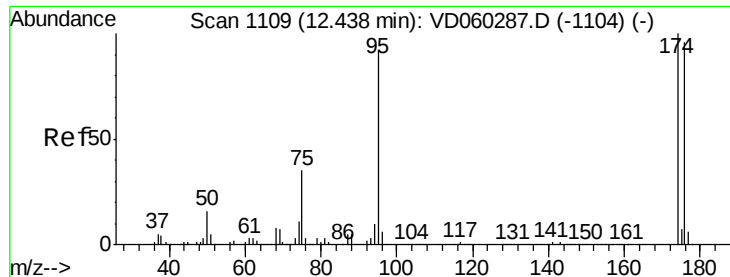
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.6	122.4
192	20.0	16.5	24.7



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.48 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VD060471.D
 Acq: 3 Dec 2018 13:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.8	55.2	82.8

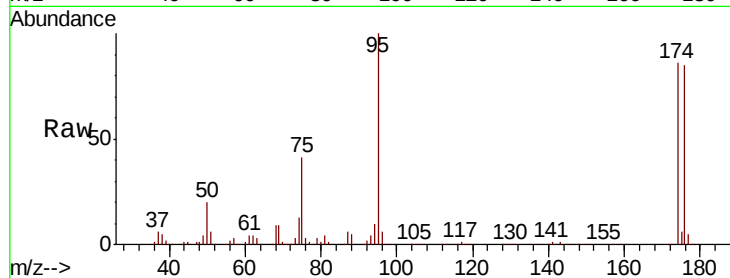




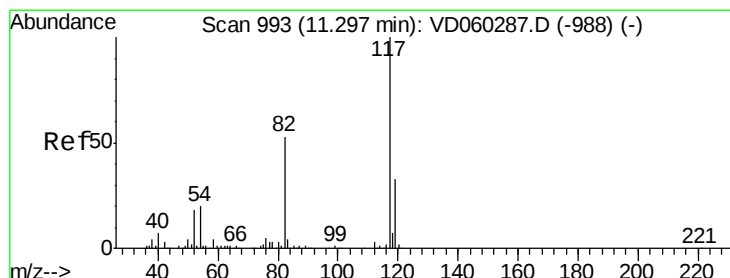
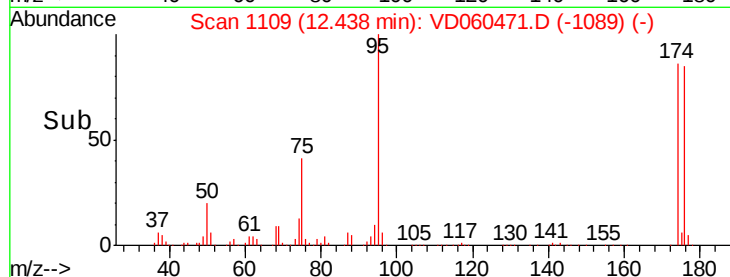
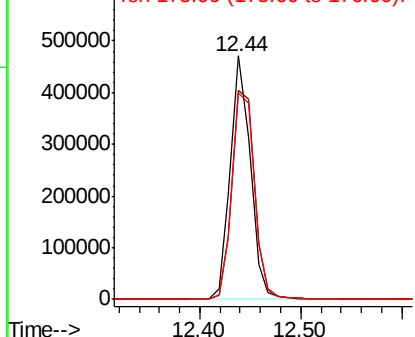
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.44 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VD060471.D
Acq: 3 Dec 2018 13:21

Instrument :
MSVOA_D
ClientSampleId :
JC-02-113018-A

Tot Ion: 95 Resp: 651820
Ion Ratio Lower Upper
95 100
174 85.9 0.0 160.8
176 84.7 0.0 154.6

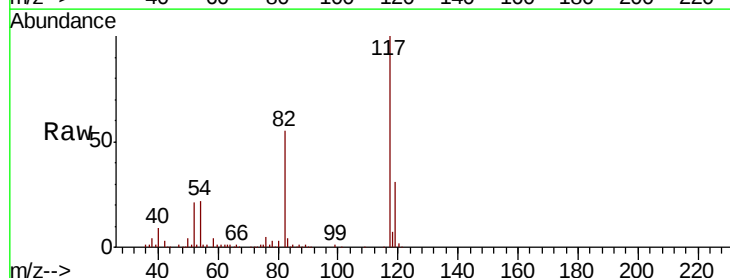


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

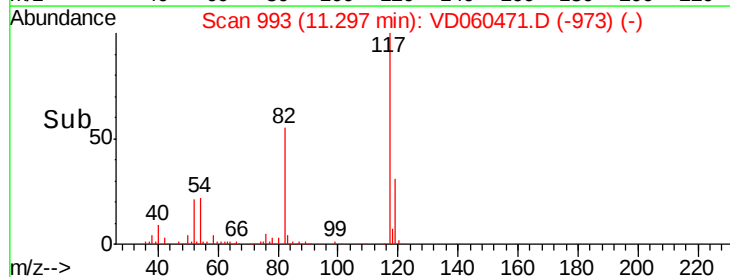
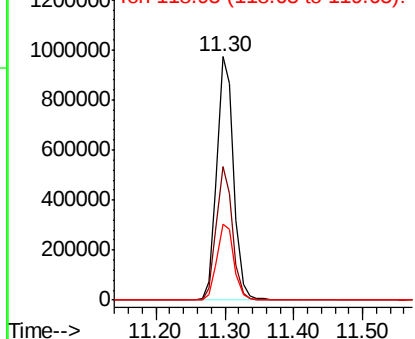


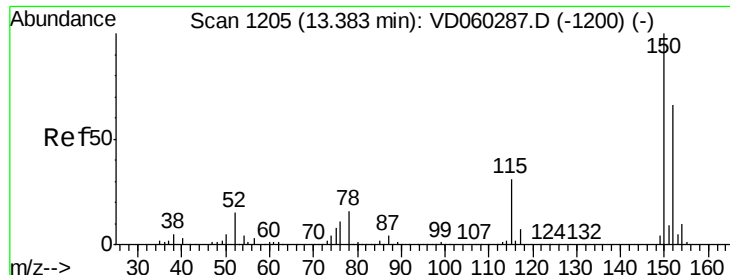
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 993
Delta R.T. -0.00 min
Lab File: VD060471.D
Acq: 3 Dec 2018 13:21

Tgt Ion: 117 Resp: 1640215
Ion Ratio Lower Upper
117 100
82 54.9 43.7 65.5
119 31.4 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: 13.38 min Scan# 1205

Delta R.T. -0.00 min

Lab File: VD060471.D

Acq: 3 Dec 2018 13:21

Instrument :

MSVOA_D

ClientSampleId :

JC-02-113018-A

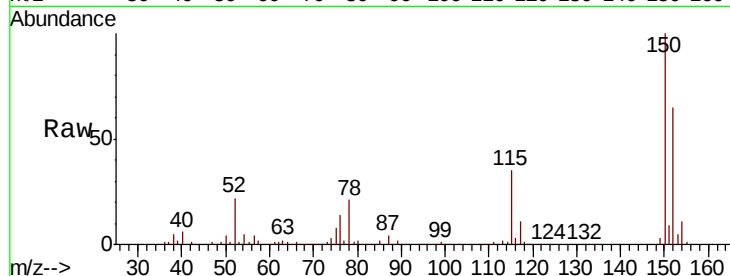
Tot Ion:152 Resp: 781085

Ion Ratio Lower Upper

152 100

115 53.9 24.1 72.3

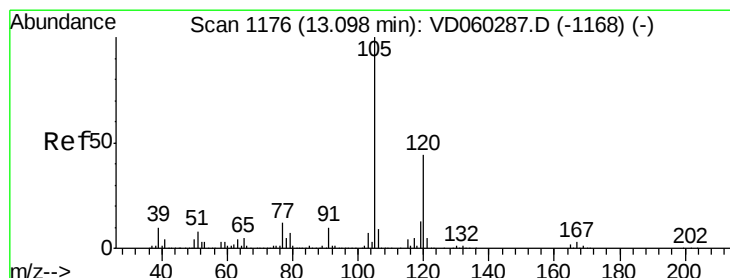
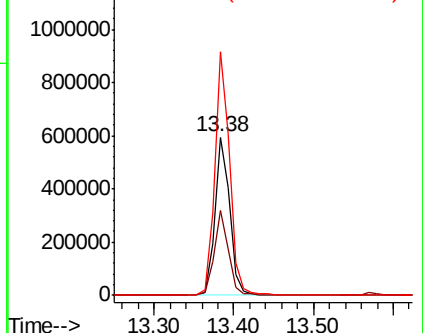
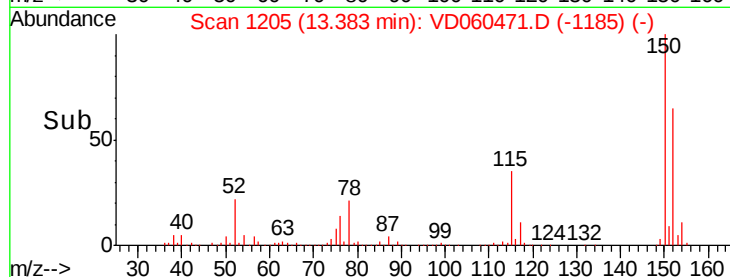
150 154.2 0.0 310.6



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



#84

1,2,4-Trimethylbenzene

Concen: 1.809 ug/l

RT: 13.11 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VD060471.D

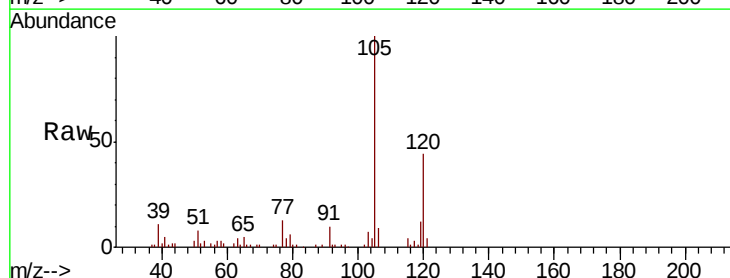
Acq: 3 Dec 2018 13:21

Tgt Ion:105 Resp: 79901

Ion Ratio Lower Upper

105 100

120 43.7 21.9 65.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

