

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120418\
 Data File : VD060481.D
 Acq On : 4 Dec 2018 11:16
 Operator : VA/AP
 Sample : VD1204SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1204SBL01

Quant Time: Dec 05 02:37:02 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

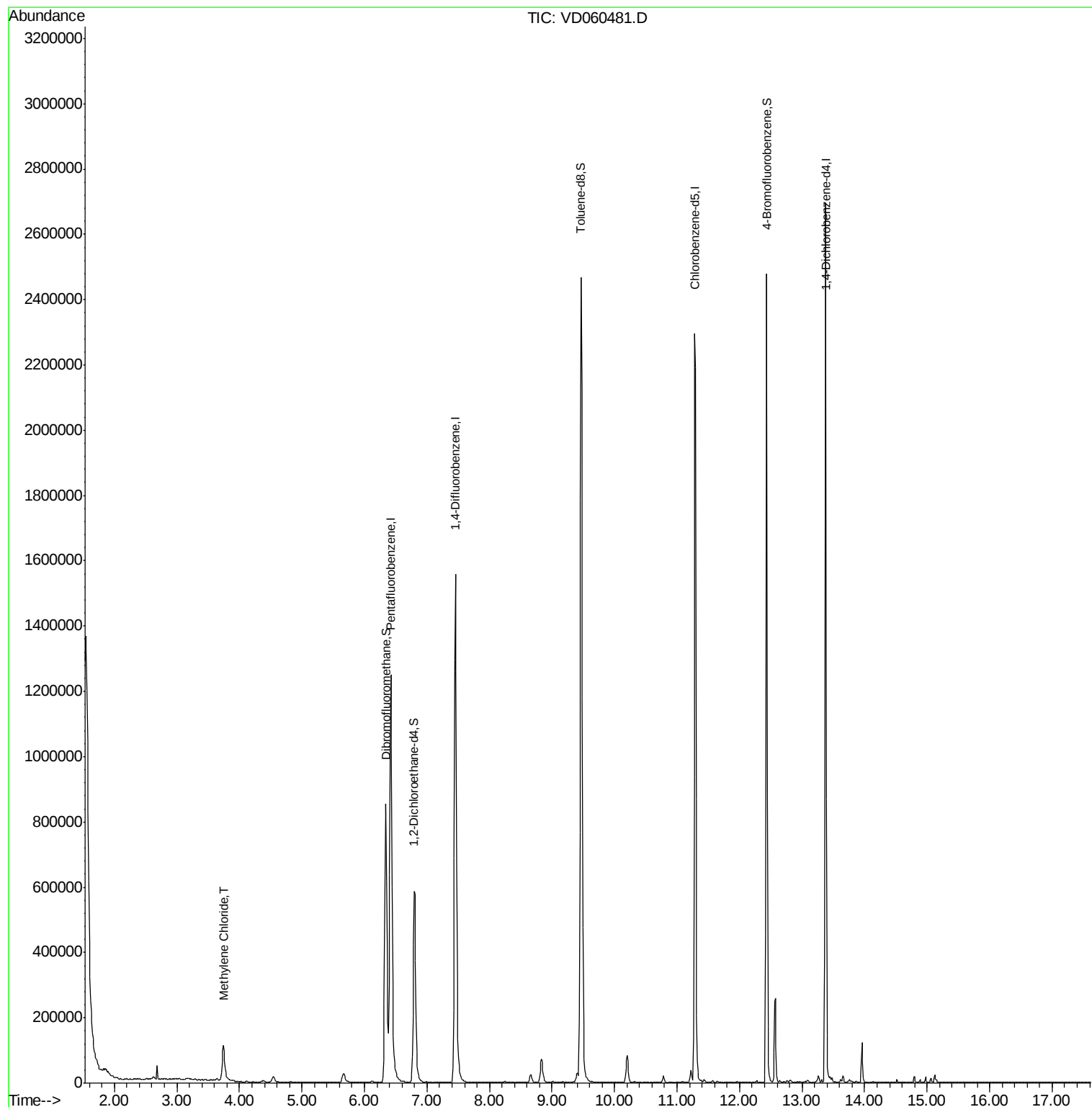
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1230983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1669640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1351520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	657667	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	484170	54.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.86%	
35) Dibromofluoromethane	6.34	113	715725	57.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.98%	
50) Toluene-d8	9.46	98	2045267	56.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.26%	
62) 4-Bromofluorobenzene	12.44	95	746129	56.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.02%	
Target Compounds						
20) Methylene Chloride	3.75	84	69726	5.141	ug/l	Qvalue 94

(#) = 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: 6.42 min Scan# 498

Delta R.T. -0.00 min

Lab File: VD060481.D

Acq: 4 Dec 2018 11:16

Instrument :

MSVOA_D

ClientSampleId :

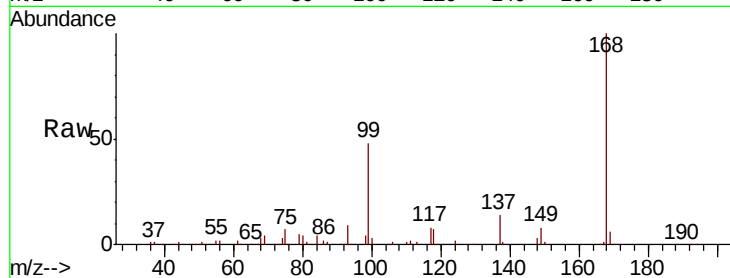
VD1204SBL01

Tot Ion:168 Resp: 1230983

Ion Ratio Lower Upper

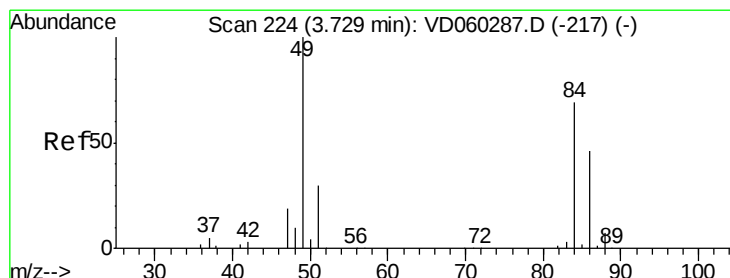
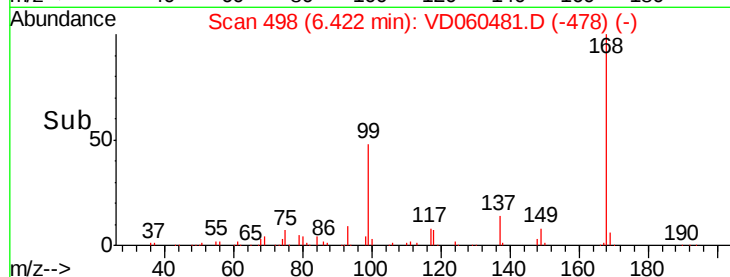
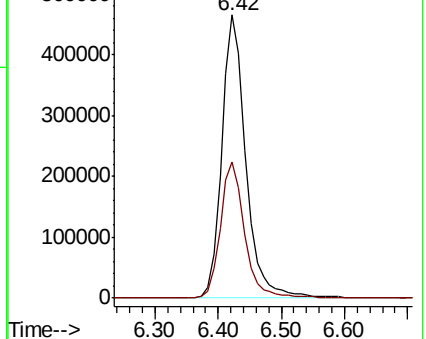
168 100

99 48.2 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: 5.141 ug/l

RT: 3.75 min Scan# 226

Delta R.T. 0.02 min

Lab File: VD060481.D

Acq: 4 Dec 2018 11:16

Tgt Ion: 84 Resp: 69726

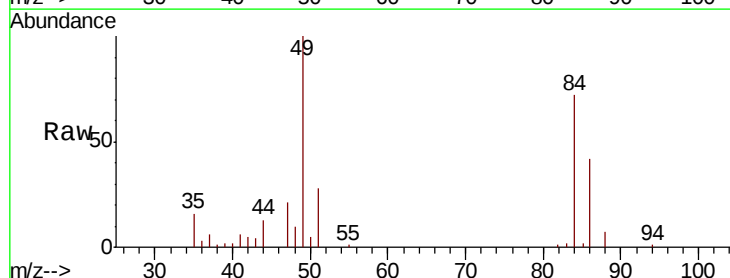
Ion Ratio Lower Upper

84 100

49 139.6 115.6 173.4

51 39.5 35.6 53.4

86 58.5 52.3 78.5

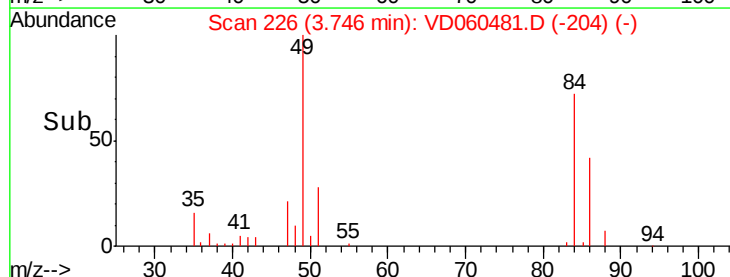
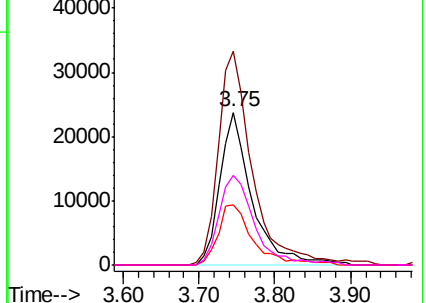


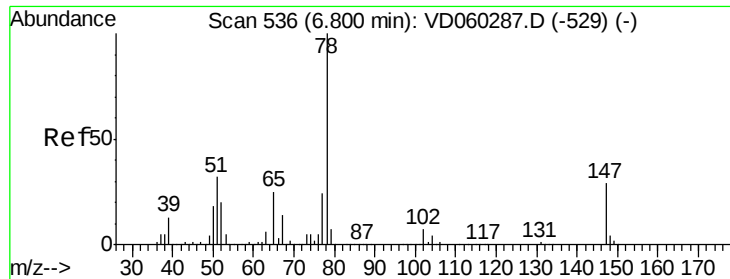
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: N.D. ug/l

RT: 6.80 min Scan# 536

Delta R.T. -0.00 min

Lab File: VD060481.D

Acq: 4 Dec 2018 11:16

Instrument :

MSVOA_D

ClientSampleId :

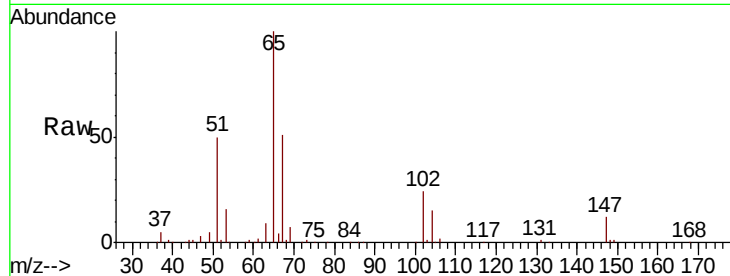
VD1204SBL01

Tot Ion: 65 Resp: 484170

Ion Ratio Lower Upper

65 100

67 50.7 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.80

200000

150000

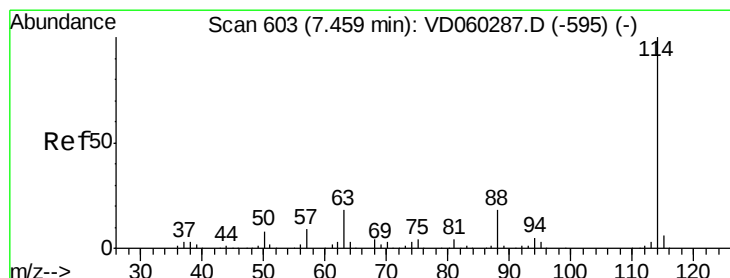
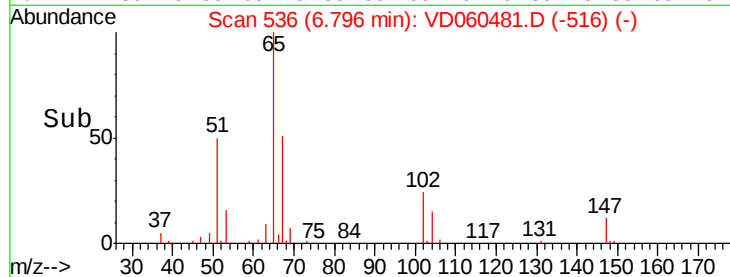
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.46 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD060481.D

Acq: 4 Dec 2018 11:16

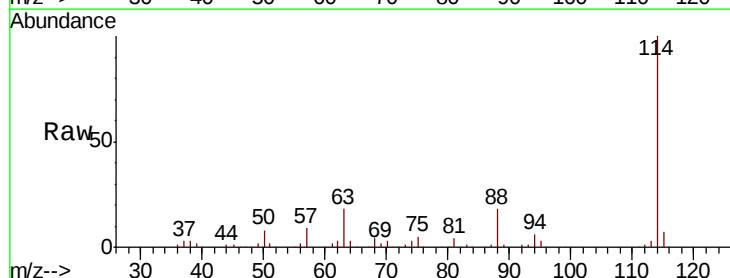
Tgt Ion:114 Resp: 1669640

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.0

88 18.4 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

7.46

800000

600000

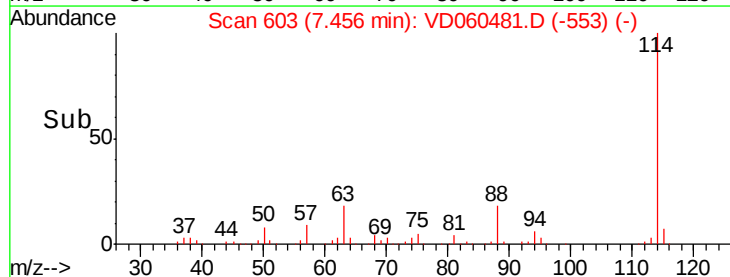
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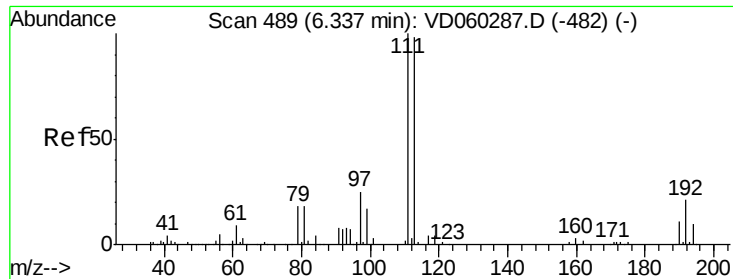
200000

0

7.30 7.40 7.50 7.60 7.70

Time-->

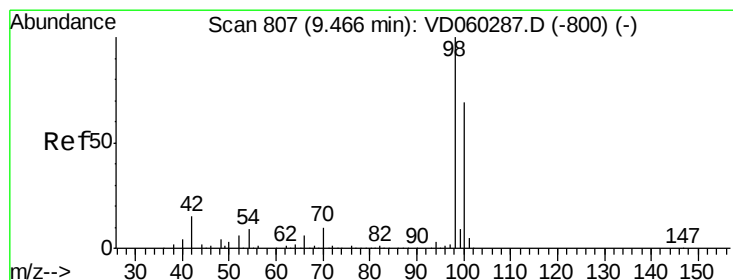
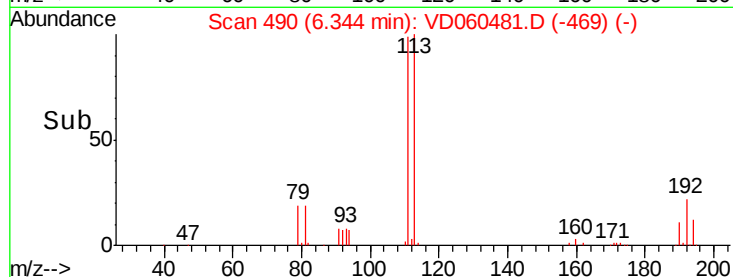
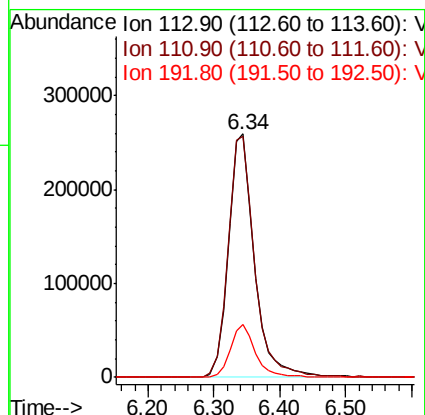
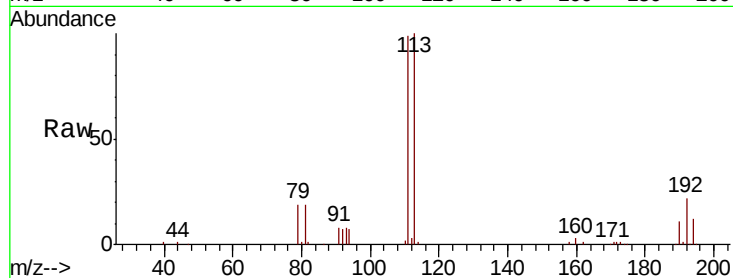




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.34 min Scan# 490
Delta R.T. 0.01 min
Lab File: VD060481.D
Acq: 4 Dec 2018 11:16

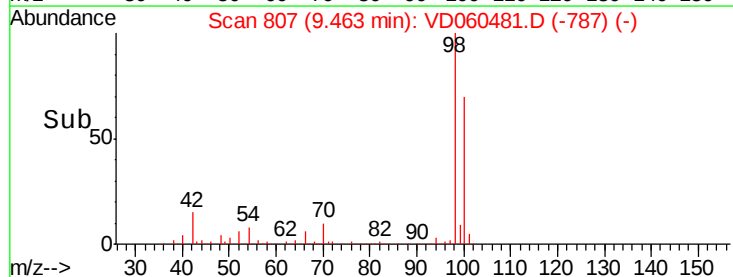
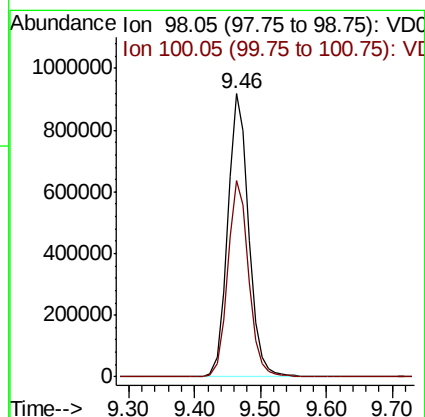
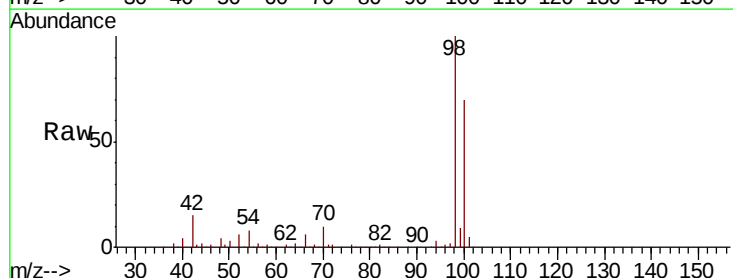
Instrument :
MSVOA_D
ClientSampleId :
VD1204SBL01

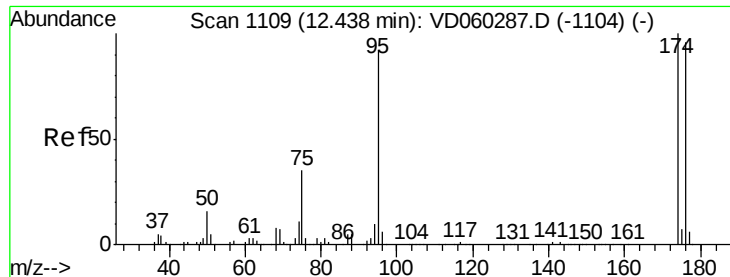
Tot Ion:113 Resp: 715725
Ion Ratio Lower Upper
113 100
111 99.0 81.6 122.4
192 21.7 16.5 24.7



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. -0.00 min
Lab File: VD060481.D
Acq: 4 Dec 2018 11:16

Tgt Ion: 98 Resp: 2045267
Ion Ratio Lower Upper
98 100
100 69.6 55.2 82.8

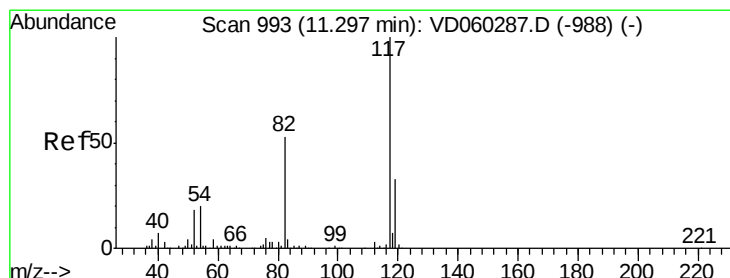
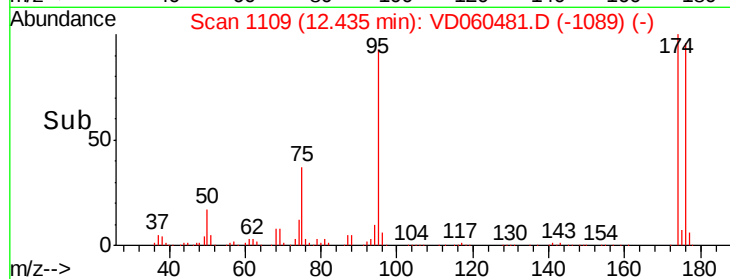
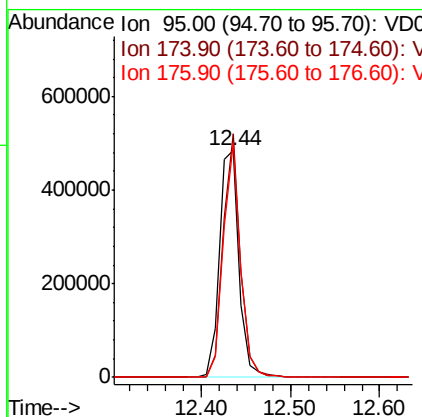
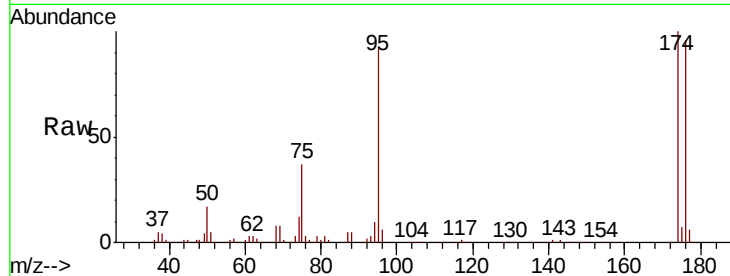




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.44 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VD060481.D
Acq: 4 Dec 2018 11:16

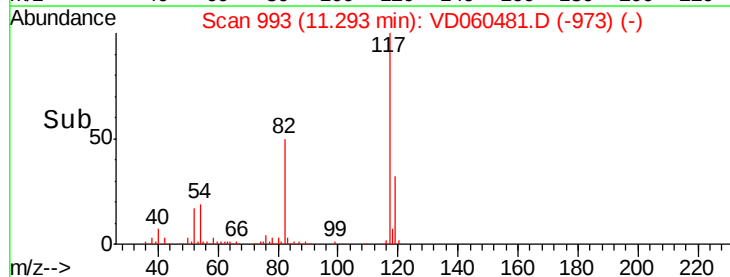
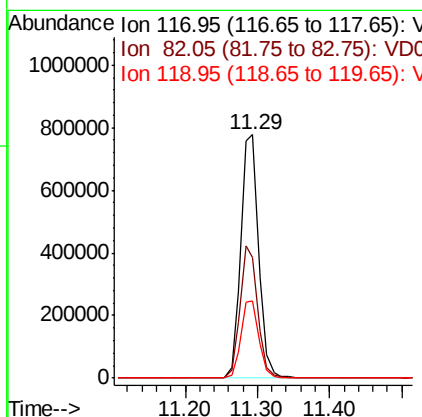
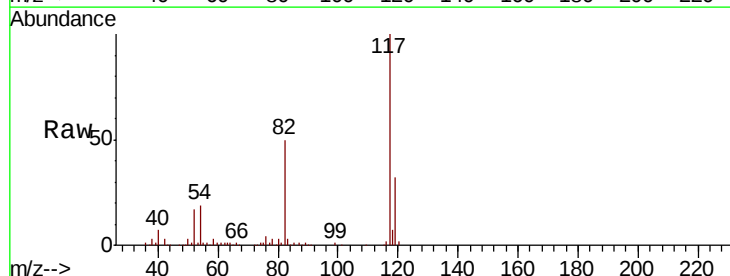
Instrument :
MSVOA_D
ClientSampleId :
VD1204SBL01

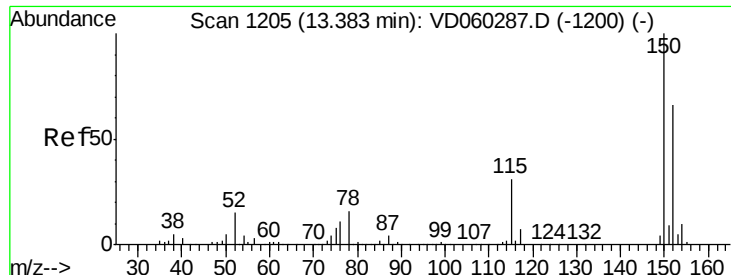
Tot Ion: 95 Resp: 746129
Ion Ratio Lower Upper
95 100
174 107.5 0.0 160.8
176 103.7 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. -0.00 min
Lab File: VD060481.D
Acq: 4 Dec 2018 11:16

Tgt Ion: 117 Resp: 1351520
Ion Ratio Lower Upper
117 100
82 49.9 43.7 65.5
119 31.9 26.1 39.1

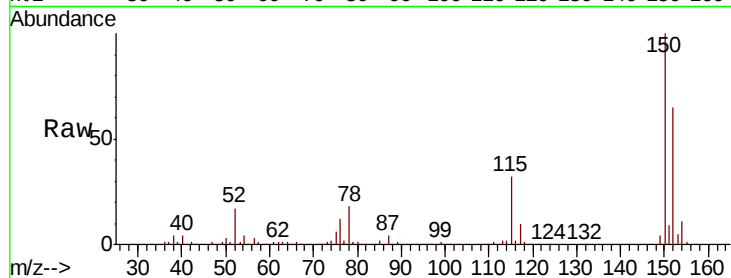




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.38 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: VD060481.D
 Acq: 4 Dec 2018 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1204SBL01

Tot Ion	Ratio	Lower	Upper
152	100		
115	48.5	24.1	72.3
150	154.0	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

