

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
 Data File : VD060674.D
 Acq On : 20 Dec 2018 22:36
 Operator : VA/AP
 Sample : J6481-02RE
 Misc : 5.03g/5ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SW-PROP-2RE

Quant Time: Dec 21 06:32:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 03:34:39 2018
 Response via : Initial Calibration

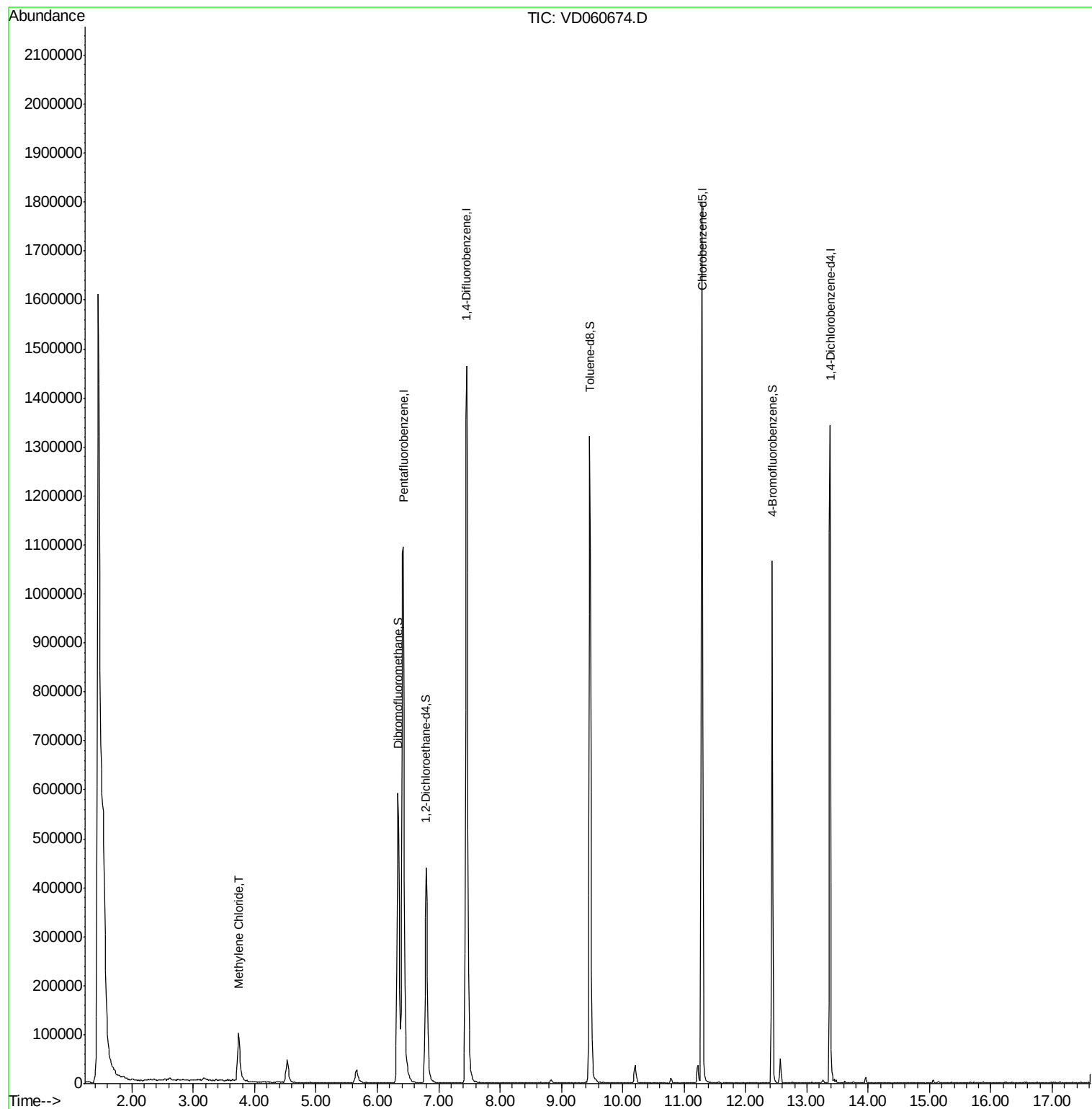
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1116575	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.46	114	1563687	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.29	117	1038026	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	327365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	354813	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
35) Dibromofluoromethane	6.33	113	476346	41.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.24%	
50) Toluene-d8	9.46	98	1061296	31.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.16%	
62) 4-Bromofluorobenzene	12.44	95	297604	24.88	ug/l	0.01
Spiked Amount 50.000			Recovery	=	49.76%	
Target Compounds						
20) Methylene Chloride	3.74	84	64054	4.577	ug/l	Qvalue 97

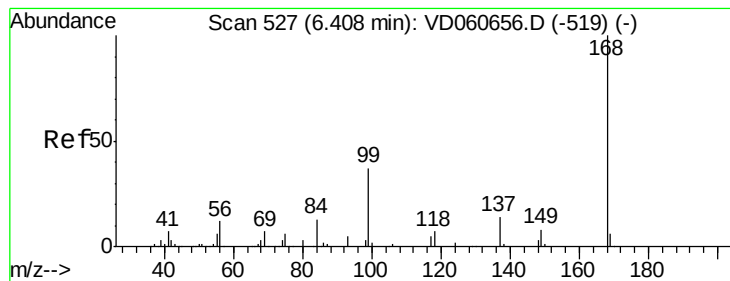
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122018\
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Quant Title : SW846 8260
QLast Update : Fri Dec 21 03:34:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 528

Delta R.T. 0.01 min

Lab File: VD060674.D

Acq: 20 Dec 2018 22:36

Instrument :

MSVOA_D

ClientSampleId :

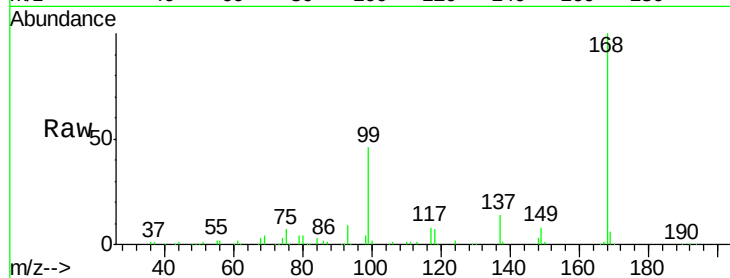
SW-PROP-2RE

Tgt Ion:168 Resp: 1116575

Ion Ratio Lower Upper

168 100

99 46.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

400000

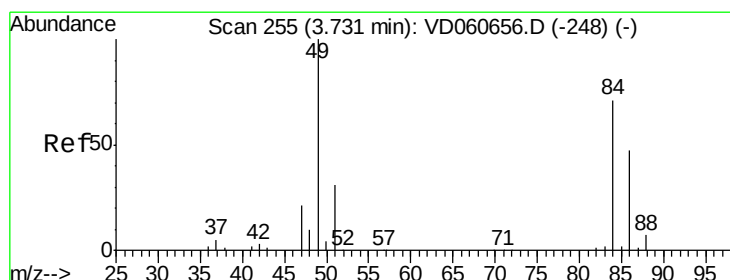
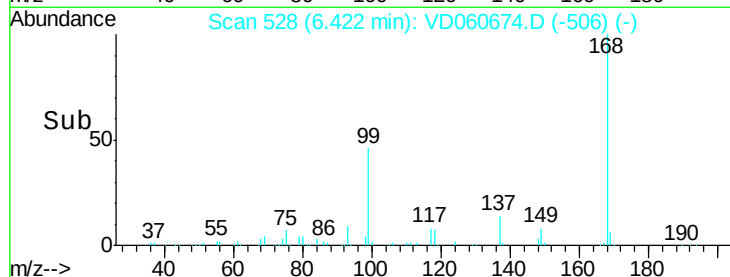
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 4.577 ug/l

RT: 3.74 min Scan# 255

Delta R.T. 0.00 min

Lab File: VD060674.D

Acq: 20 Dec 2018 22:36

Tgt Ion: 84 Resp: 64054

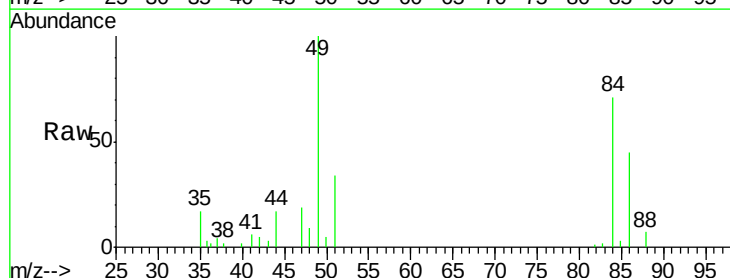
Ion Ratio Lower Upper

84 100

49 140.0 113.6 170.4

51 47.3 34.7 52.1

86 63.5 52.8 79.2



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

3.74

40000

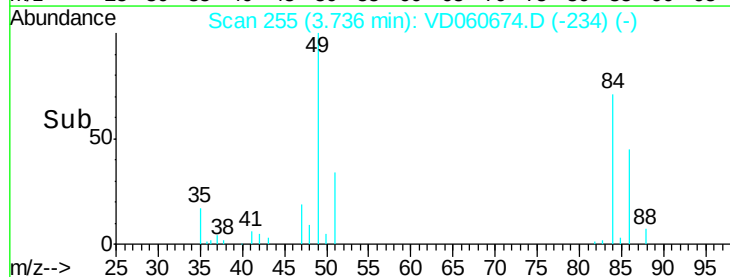
30000

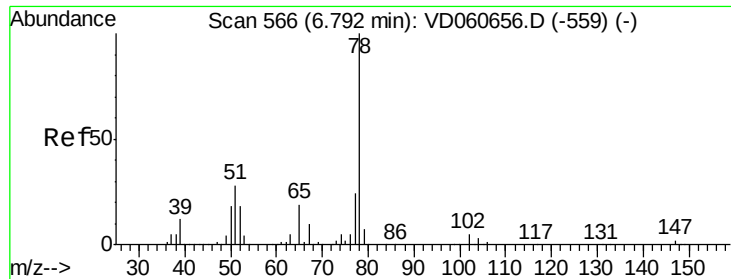
20000

10000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 566

Delta R.T. 0.00 min

Lab File: VD060674.D

Acq: 20 Dec 2018 22:36

Instrument :

MSVOA_D

ClientSampleId :

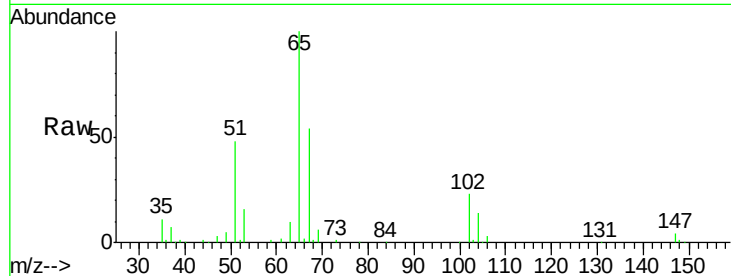
SW-PROP-2RE

Tgt Ion: 65 Resp: 354813

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.80

150000

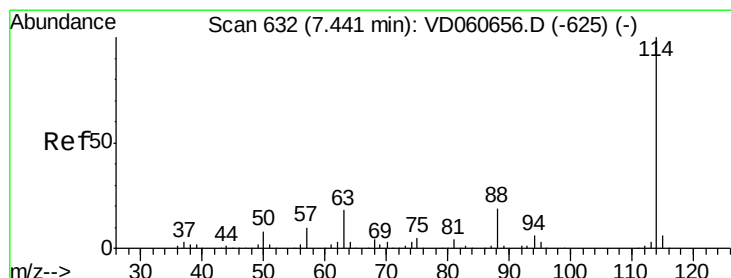
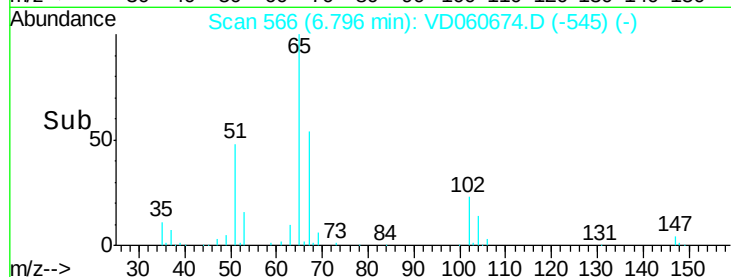
100000

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# 633

Delta R.T. 0.01 min

Lab File: VD060674.D

Acq: 20 Dec 2018 22:36

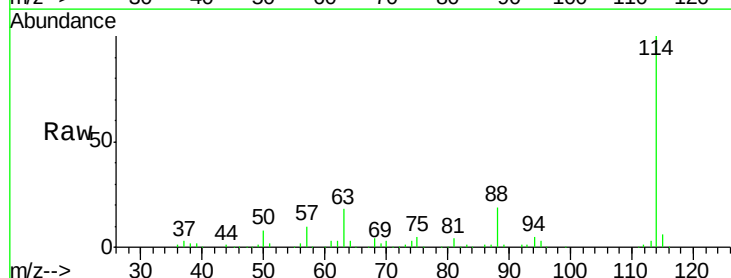
Tgt Ion: 114 Resp: 1563687

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.2

88 18.5 0.0 37.0



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

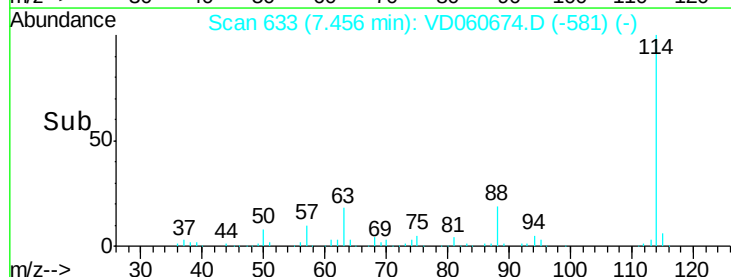
400000

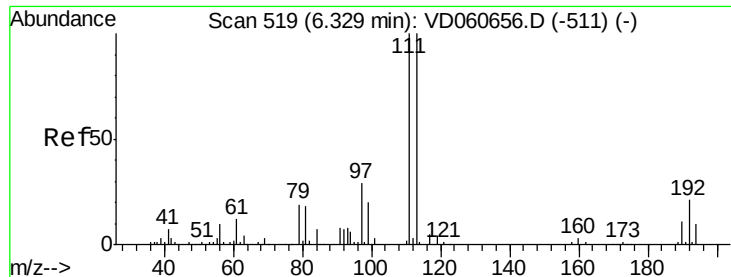
200000

0

7.30 7.40 7.50 7.60 7.70

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.33 min Scan# 519

Delta R.T. 0.00 min

Lab File: VD060674.D

Acq: 20 Dec 2018 22:36

Instrument :

MSVOA_D

ClientSampleId :

SW-PROP-2RE

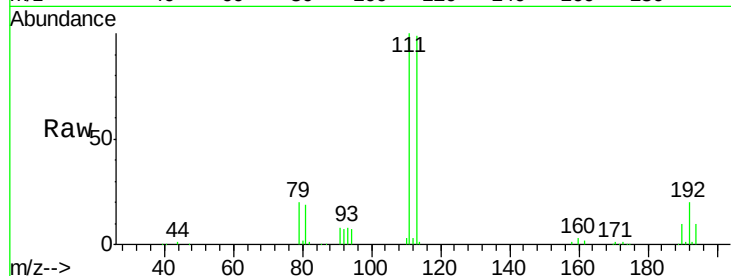
Tgt Ion:113 Resp: 476346

Ion Ratio Lower Upper

113 100

111 100.8 80.0 120.0

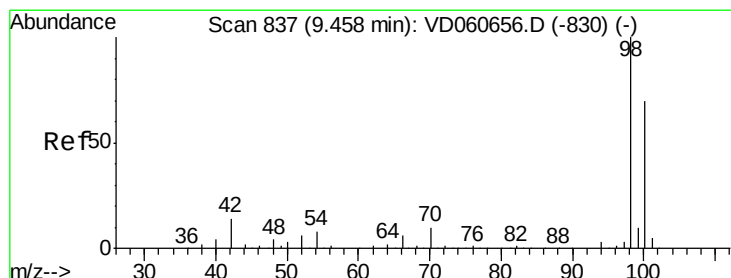
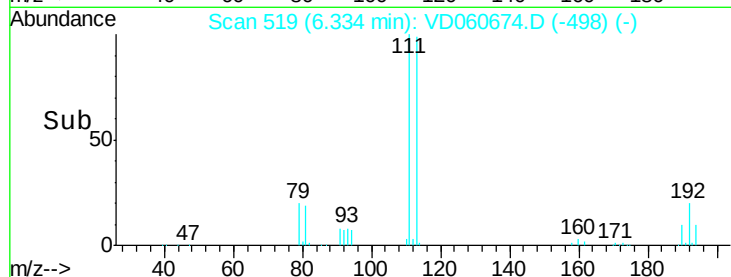
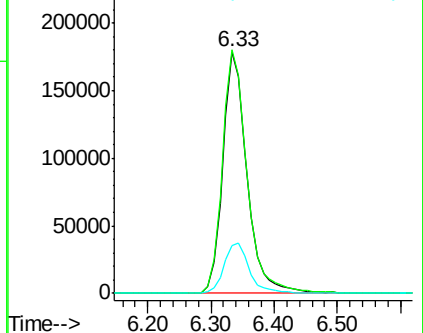
192 19.8 16.6 25.0



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: 9.46 min Scan# 837

Delta R.T. 0.00 min

Lab File: VD060674.D

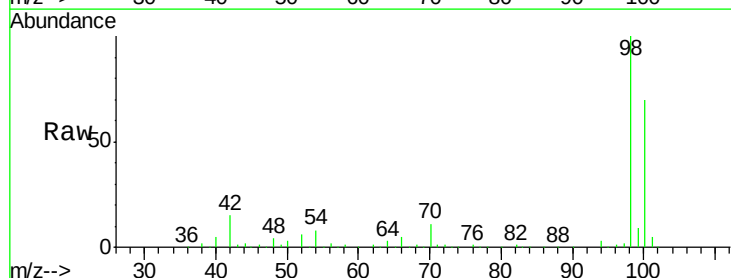
Acq: 20 Dec 2018 22:36

Tgt Ion: 98 Resp: 1061296

Ion Ratio Lower Upper

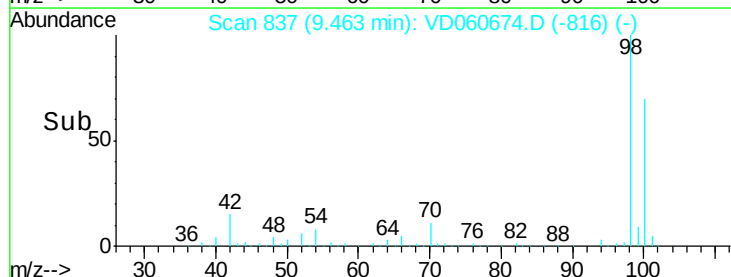
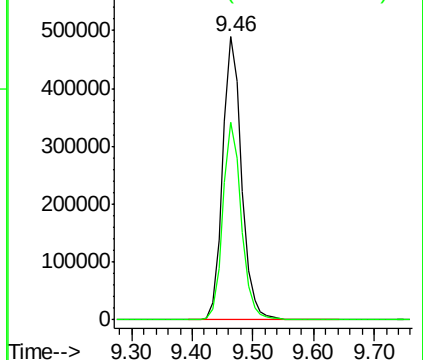
98 100

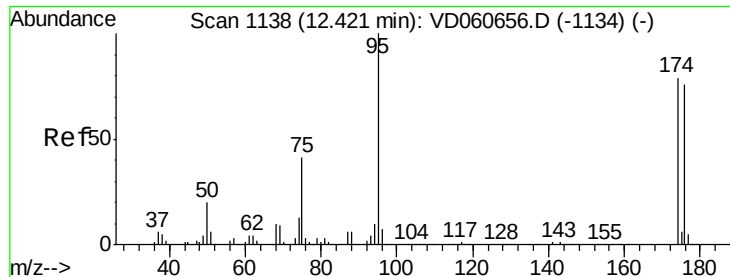
100 69.8 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VD060674.D

Acq: 20 Dec 2018 22:36

Instrument :

MSVOA_D

ClientSampleId :

SW-PROP-2RE

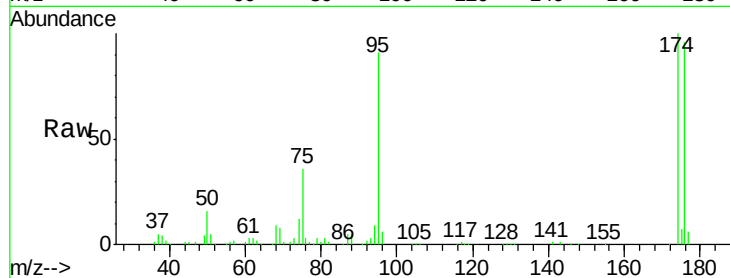
Tgt Ion: 95 Resp: 297604

Ion Ratio Lower Upper

95 100

174 109.5 0.0 158.2

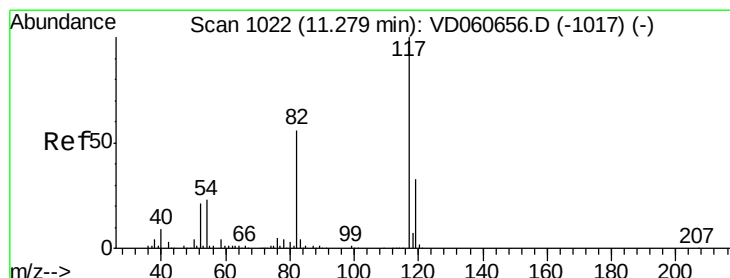
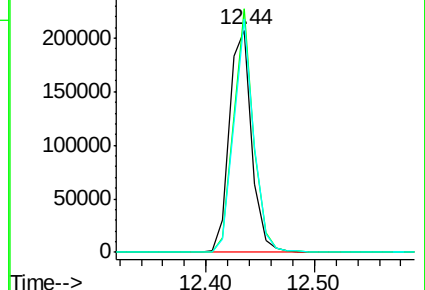
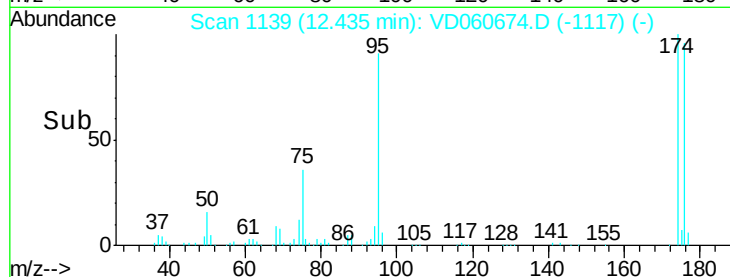
176 105.0 0.0 152.4



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: 11.29 min Scan# 1023

Delta R.T. 0.01 min

Lab File: VD060674.D

Acq: 20 Dec 2018 22:36

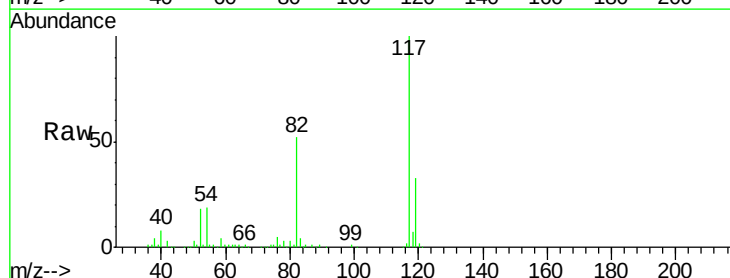
Tgt Ion: 117 Resp: 1038026

Ion Ratio Lower Upper

117 100

82 52.4 44.5 66.7

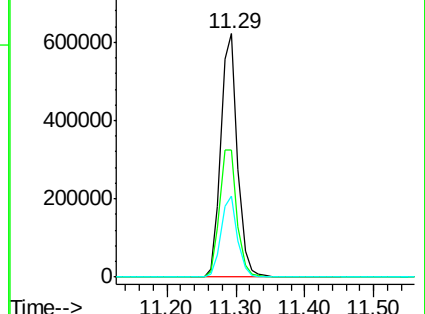
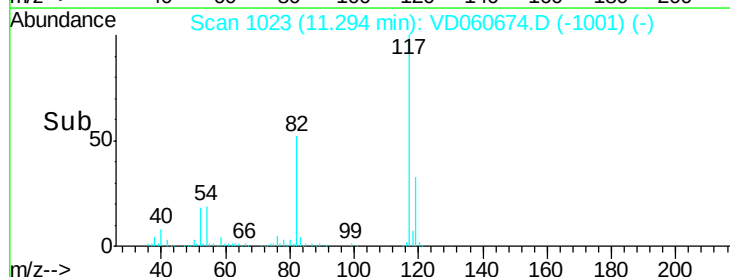
119 33.1 26.3 39.5

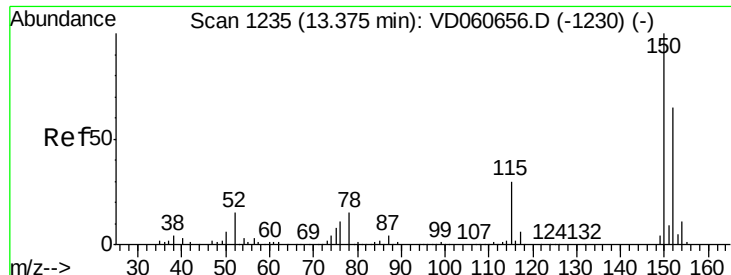


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

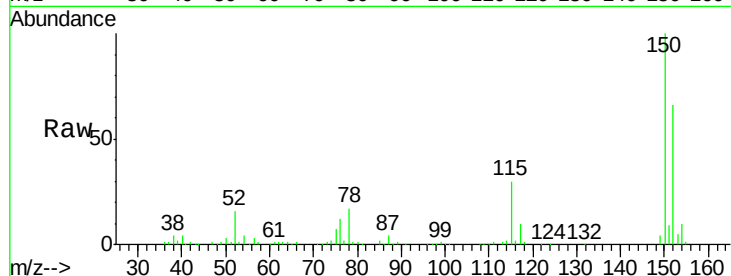




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.38 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VD060674.D
 Acq: 20 Dec 2018 22:36

Instrument :
 MSVOA_D
 ClientSampleId :
 SW-PROP-2RE

Tgt Ion	Ratio	Lower	Upper
152	100		
115	45.5	24.1	72.3
150	151.8	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

