

Data File : VD062232.D
Acq On : 11 May 2019 12:50
Operator : FY/SY
Sample : K2728-01RE
Misc : 5.70g/5mL/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P-3A-OW(0-10)RE

Quant Time: May 11 22:45:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

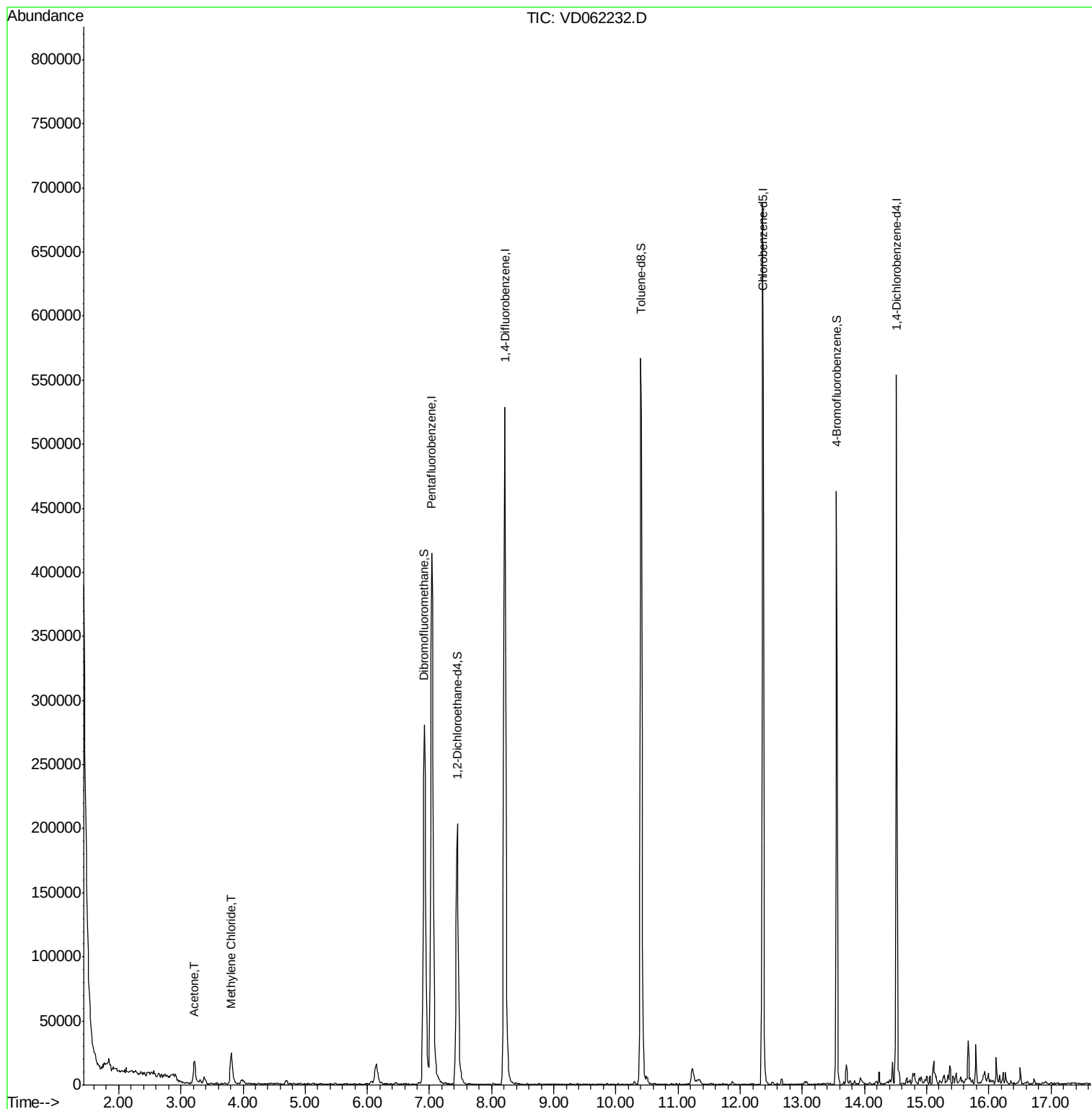
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	406453	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	602105	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	386838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	116947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	217944	57.70	ug/l	0.02
Spiked Amount 50.000			Recovery	=	115.40%	
35) Dibromofluoromethane	6.92	113	253682	50.78	ug/l	0.03
Spiked Amount 50.000			Recovery	=	101.56%	
50) Toluene-d8	10.40	98	476914	39.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.18%	
62) 4-Bromofluorobenzene	13.55	95	132482	27.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.78%	
Target Compounds						
16) Acetone	3.22	43	34304	43.306	ug/l #	89
20) Methylene Chloride	3.82	84	17052	5.156	ug/l	90

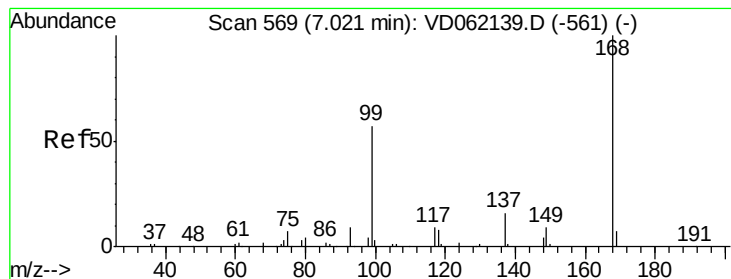
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

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Instrument :

MSVOA_D

ClientSampleId :

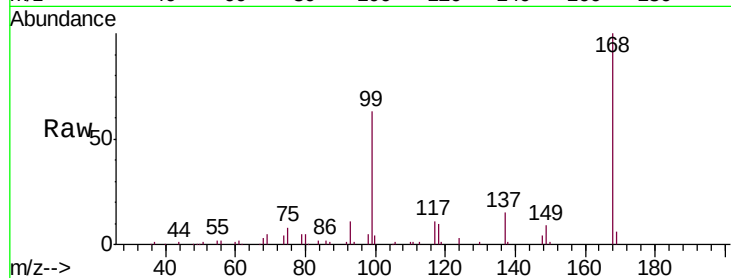
P-3A-OW(0-10)RE

Tgt Ion:168 Resp: 406453

Ion Ratio Lower Upper

168 100

99 63.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

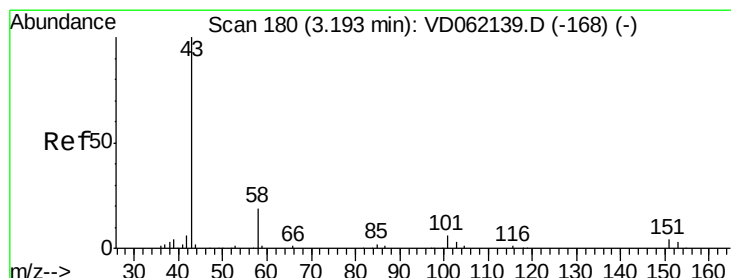
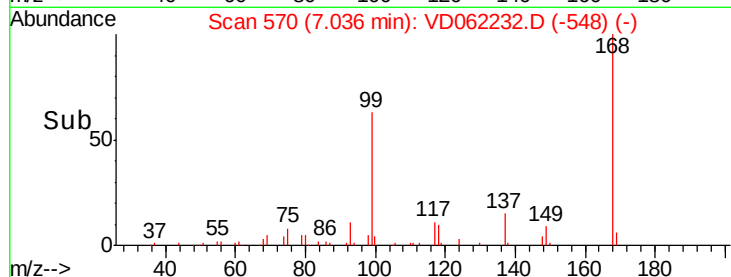
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 43.306 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.03 min

Lab File: VD062232.D

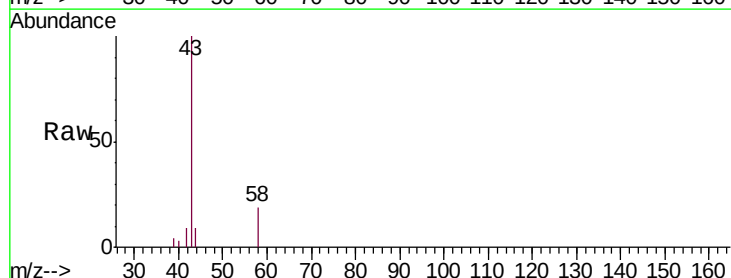
Acq: 11 May 2019 12:50

Tgt Ion: 43 Resp: 34304

Ion Ratio Lower Upper

43 100

58 19.4 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

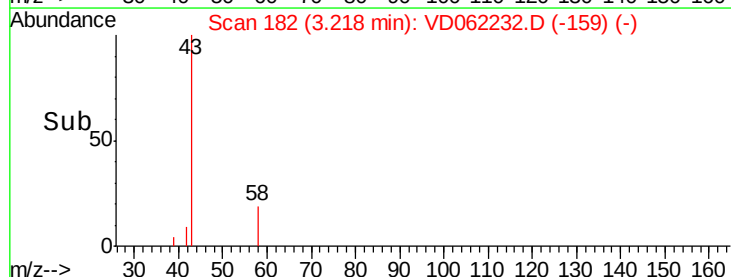
15000

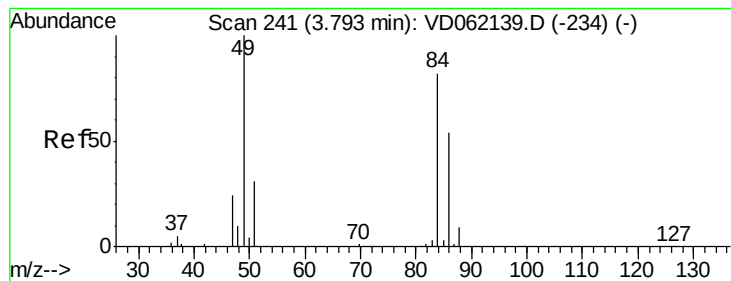
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 5.156 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD062232.D

Acq: 11 May 2019 12:50

Instrument :

MSVOA_D

ClientSampleId :

P-3A-OW(0-10)RE

Tgt Ion: 84 Resp: 17052

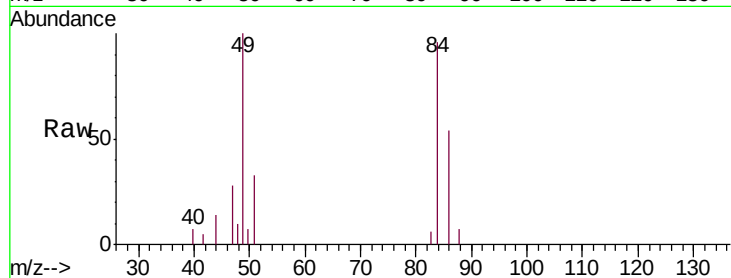
Ion Ratio Lower Upper

84 100

49 104.1 94.0 141.0

51 34.0 29.0 43.4

86 56.0 49.8 74.6

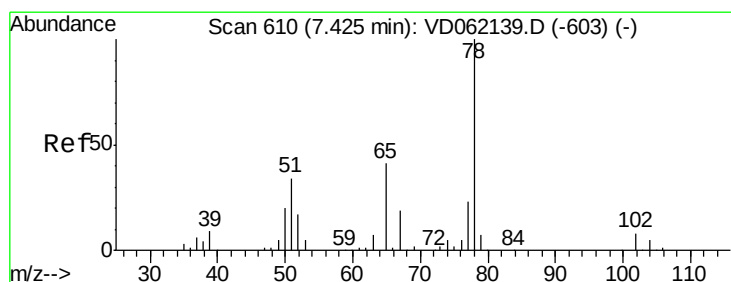
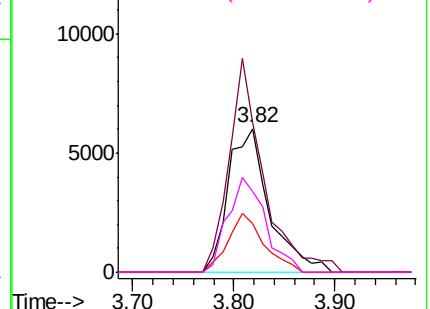
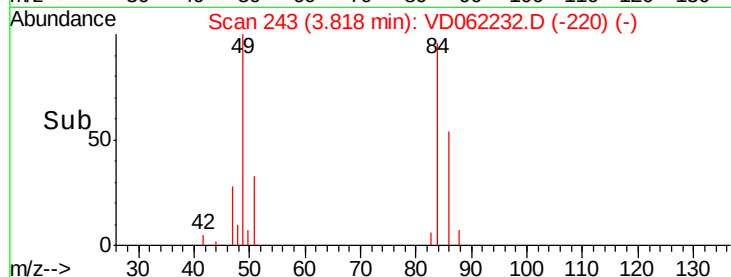


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 57.700 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.02 min

Lab File: VD062232.D

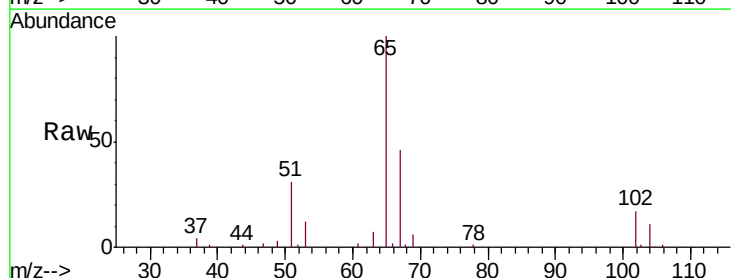
Acq: 11 May 2019 12:50

Tgt Ion: 65 Resp: 217944

Ion Ratio Lower Upper

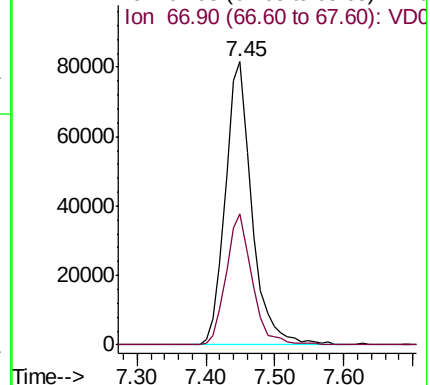
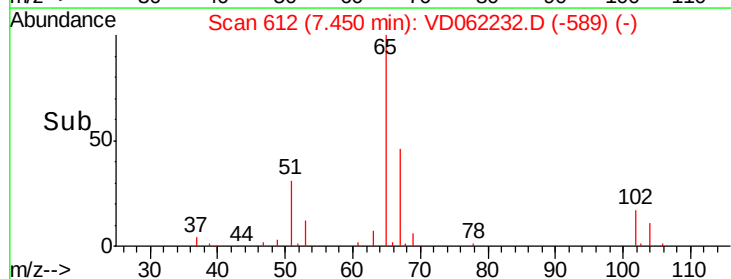
65 100

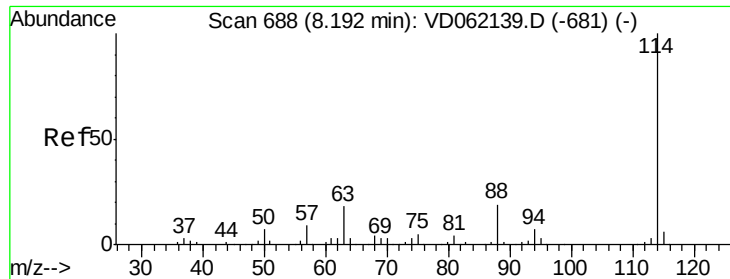
67 46.2 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

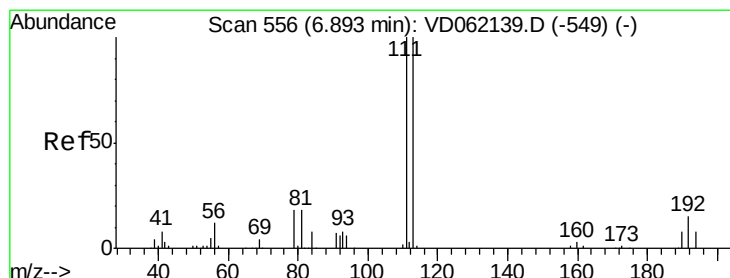
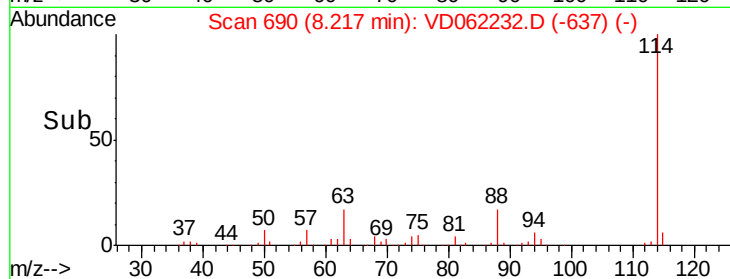
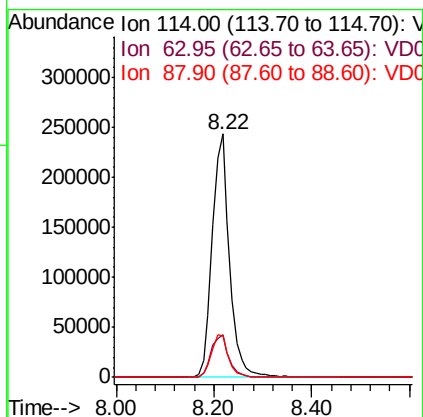
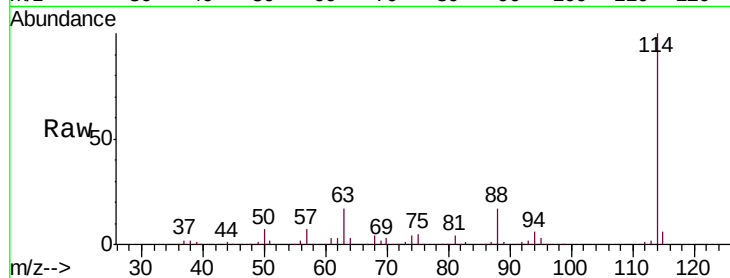




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD062232.D
 Acq: 11 May 2019 12:50

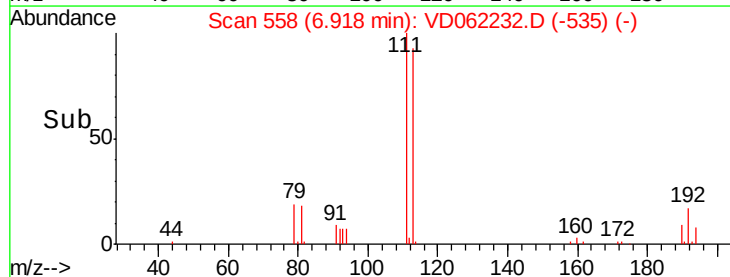
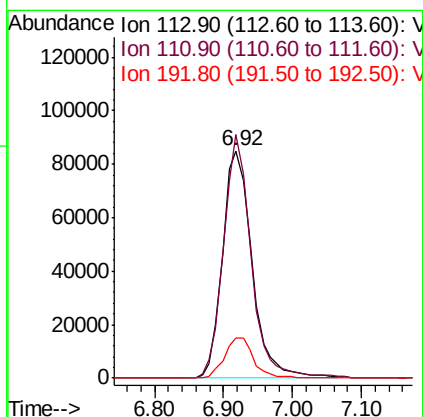
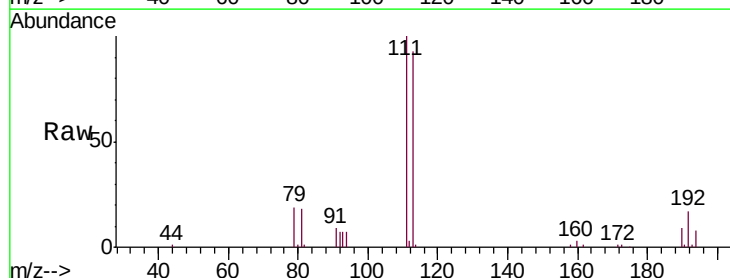
Instrument :
 MSVOA_D
 ClientSampleId :
 P-3A-OW(0-10)RE

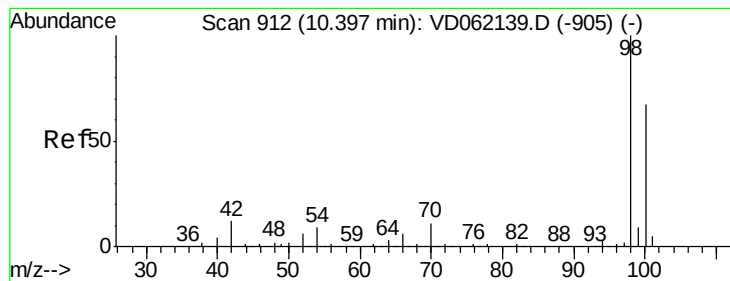
Tgt Ion:114 Resp: 602105
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 32.4
 88 17.2 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.780 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.03 min
 Lab File: VD062232.D
 Acq: 11 May 2019 12:50

Tgt Ion:113 Resp: 253682
 Ion Ratio Lower Upper
 113 100
 111 107.0 78.5 117.7
 192 17.7 13.0 19.4





#50

Toluene-d8

Concen: 39.594 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.01 min

Lab File: VD062232.D

Acq: 11 May 2019 12:50

Instrument :

MSVOA_D

ClientSampleId :

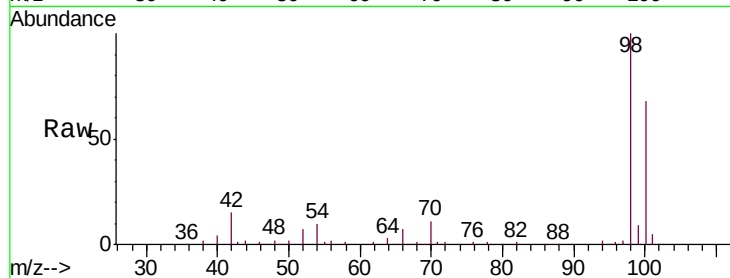
P-3A-OW(0-10)RE

Tgt Ion: 98 Resp: 476914

Ion Ratio Lower Upper

98 100

100 68.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

250000

200000

150000

100000

50000

0

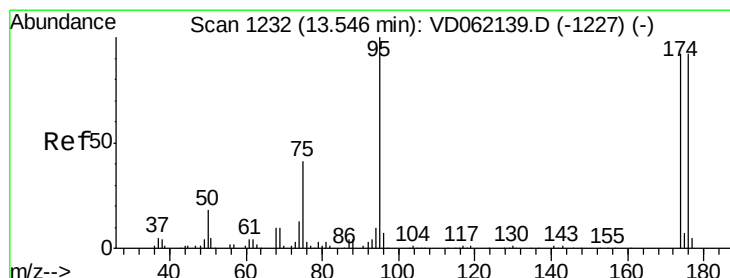
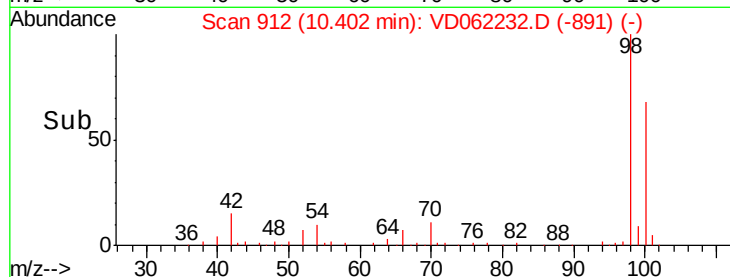
10.30

10.40

10.50

10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 27.390 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062232.D

Acq: 11 May 2019 12:50

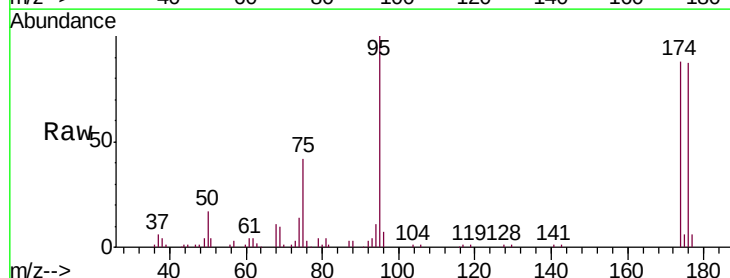
Tgt Ion: 95 Resp: 132482

Ion Ratio Lower Upper

95 100

174 88.4 0.0 181.8

176 86.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

120000

100000

80000

60000

40000

20000

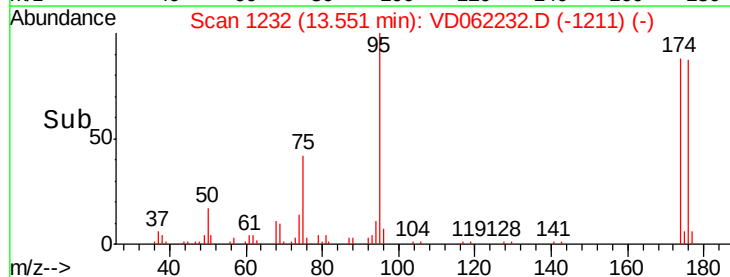
0

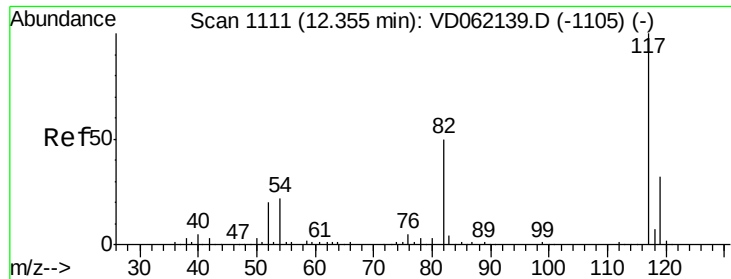
13.50

13.55

13.60

Time-->

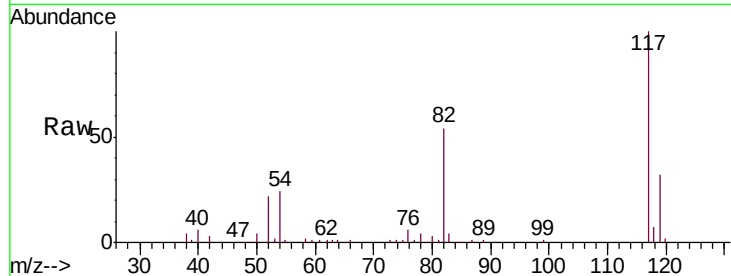




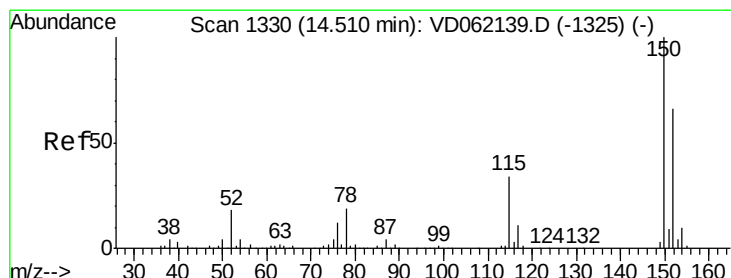
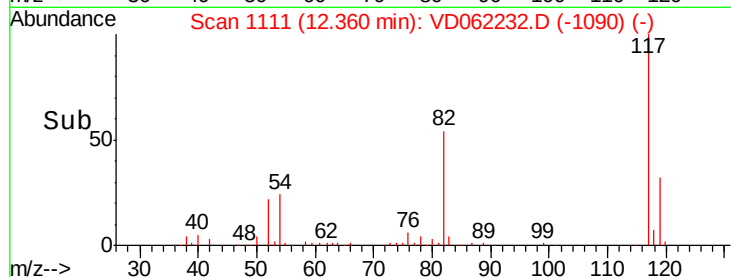
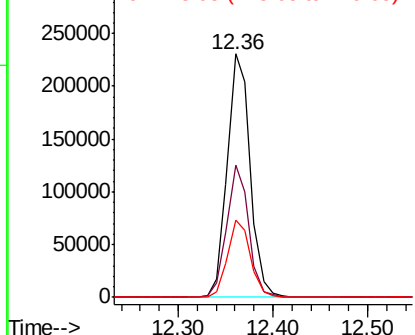
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD062232.D
Acq: 11 May 2019 12:50

Instrument :
MSVOA_D
ClientSampleId :
P-3A-OW(0-10)RE

Tgt Ion:117 Resp: 386838
Ion Ratio Lower Upper
117 100
82 54.2 36.2 54.2
119 31.5 26.2 39.4

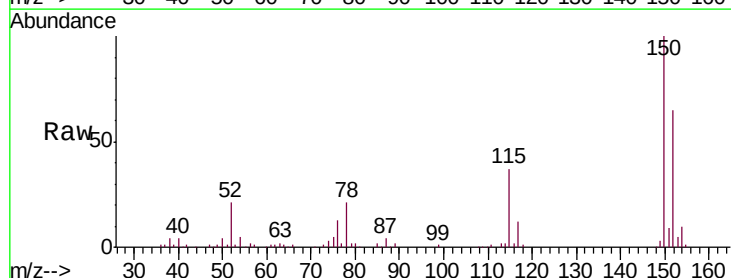


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD062232.D
Acq: 11 May 2019 12:50

Tgt Ion:152 Resp: 116947
Ion Ratio Lower Upper
152 100
115 56.5 30.9 92.7
150 154.0 0.0 314.8



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

