

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061884.D
 Acq On : 18 Apr 2019 19:58
 Operator : VA/AP
 Sample : K2414-02RE
 Misc : 5.46g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-044RE

Quant Time: Apr 19 01:17:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

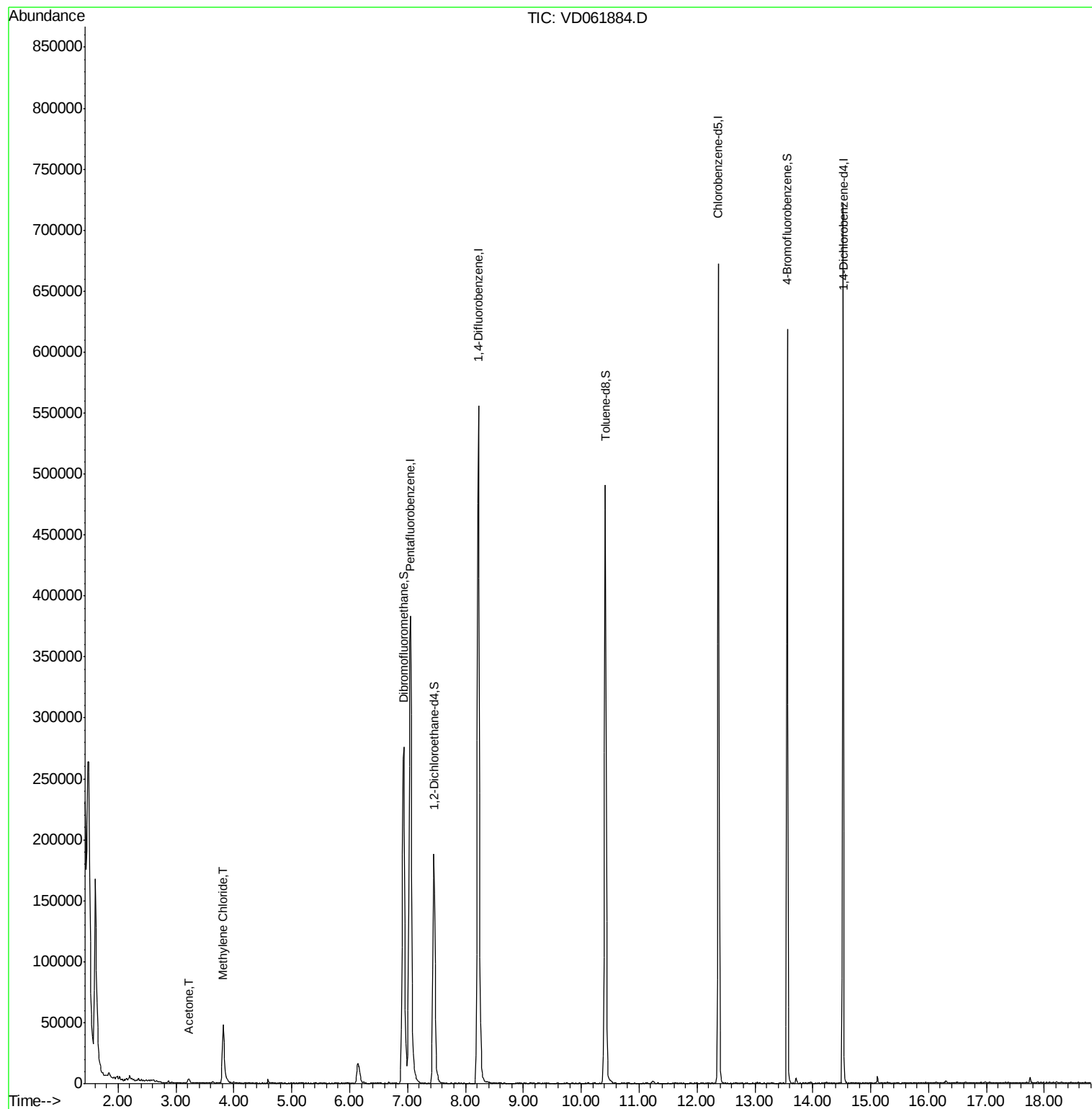
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	391702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	649843	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	401717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	167681	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	197740	60.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.46%	
35) Dibromofluoromethane	6.93	113	269894	54.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.94%	
50) Toluene-d8	10.42	98	436794	37.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.10%	
62) 4-Bromofluorobenzene	13.56	95	181304	38.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.90%	
Target Compounds						
16) Acetone	3.22	43	6695	8.275	ug/l	92
20) Methylene Chloride	3.82	84	36151	4.846	ug/l	91

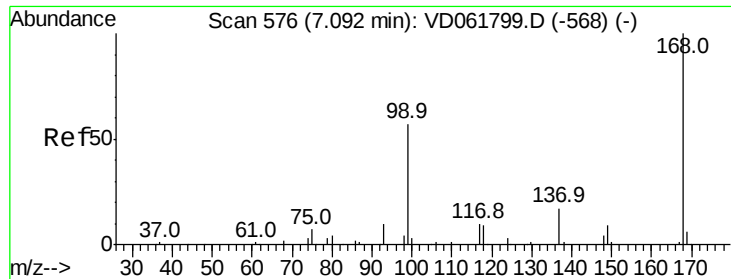
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.00 min

Lab File: VD061884.D

Acq: 18 Apr 2019 19:58

Instrument :

MSVOA_D

ClientSampleId :

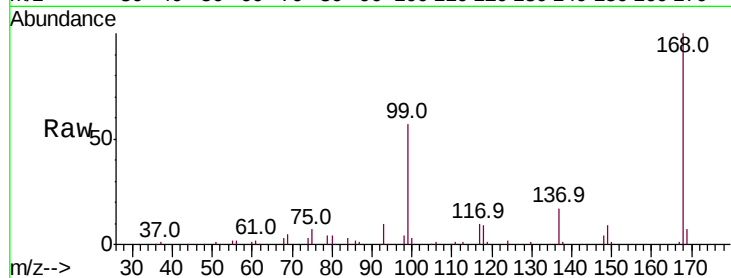
FK-PS-01-044RE

Tot Ion:168 Resp: 391702

Ion Ratio Lower Upper

168 100

99 56.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

150000

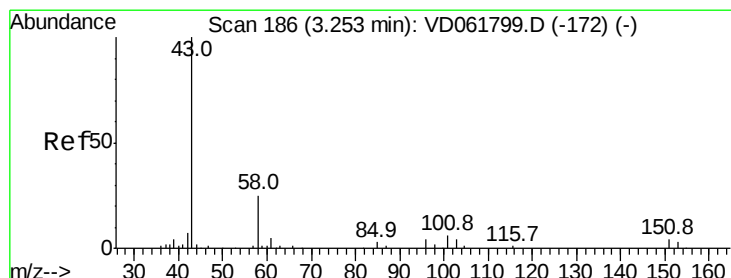
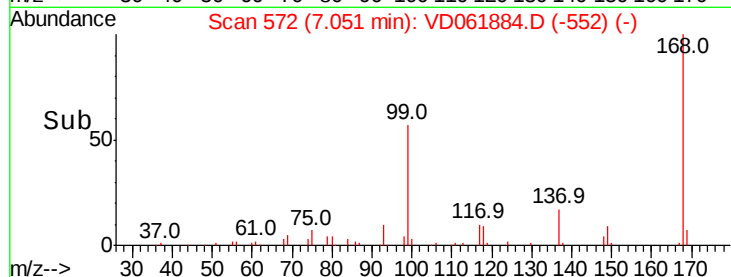
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 8.275 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061884.D

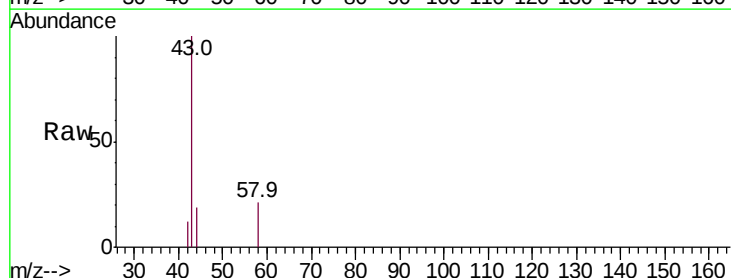
Acq: 18 Apr 2019 19:58

Tgt Ion: 43 Resp: 6695

Ion Ratio Lower Upper

43 100

58 21.1 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

3000

2500

2000

1500

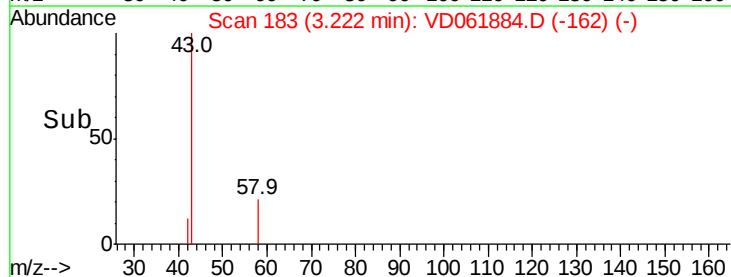
1000

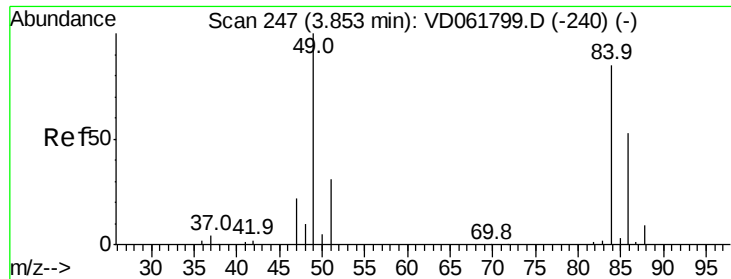
500

0

3.15 3.20 3.25 3.30

Time-->

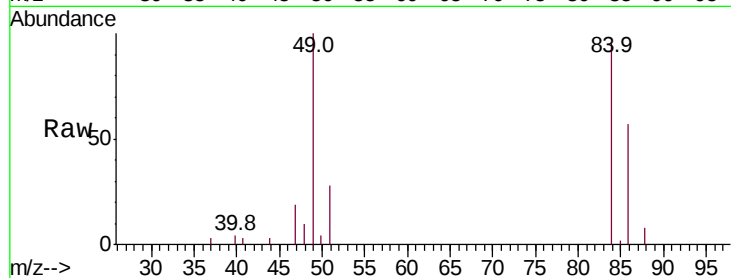




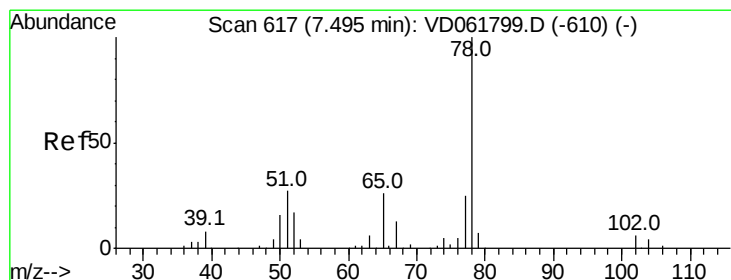
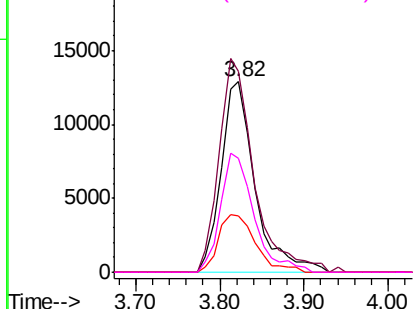
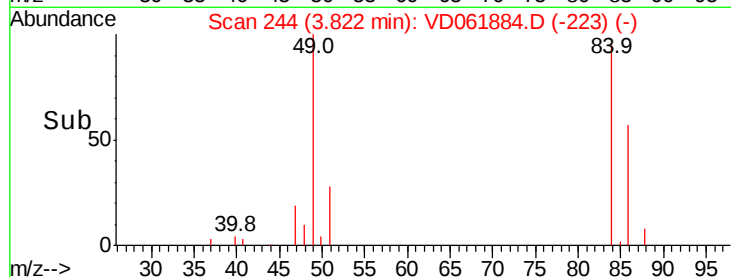
#20
Methvlene Chloride
Concen: 4.846 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD061884.D
Acq: 18 Apr 2019 19:58

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-044RE

Tot Ion: 84 Resp: 36151
Ion Ratio Lower Upper
84 100
49 105.1 94.0 141.0
51 29.4 29.0 43.4
86 59.7 49.8 74.6

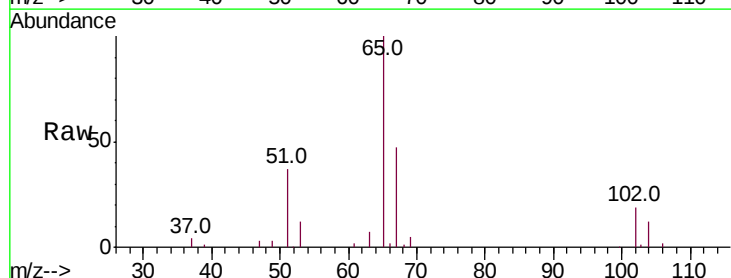


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

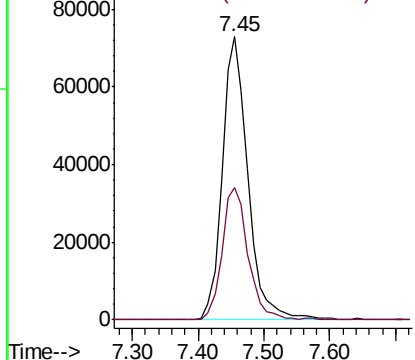
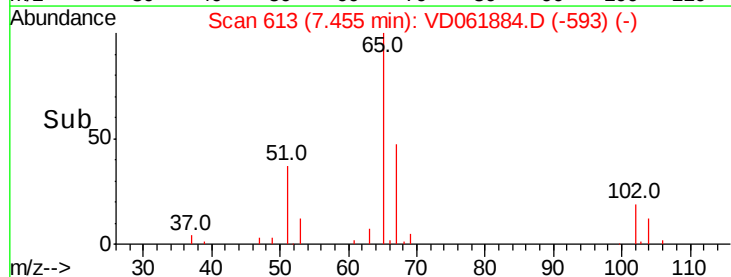


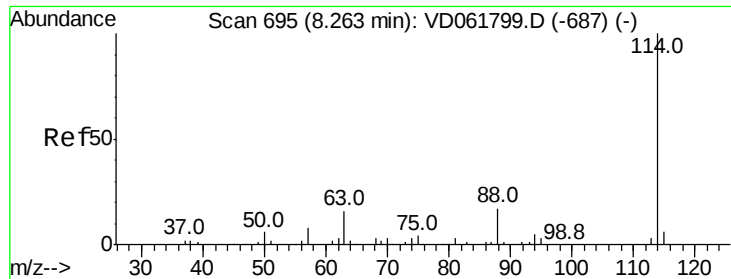
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 613
Delta R.T. -0.00 min
Lab File: VD061884.D
Acq: 18 Apr 2019 19:58

Tgt Ion: 65 Resp: 197740
Ion Ratio Lower Upper
65 100
67 46.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

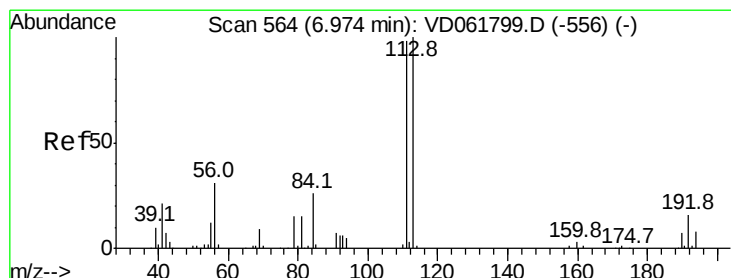
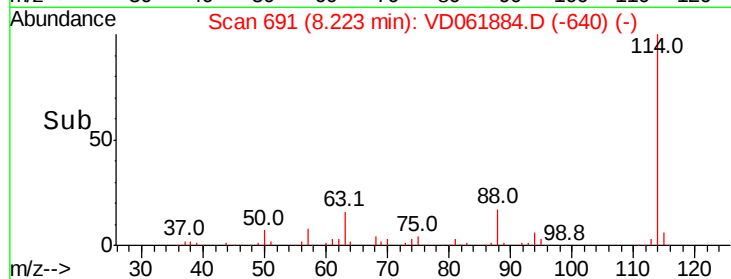
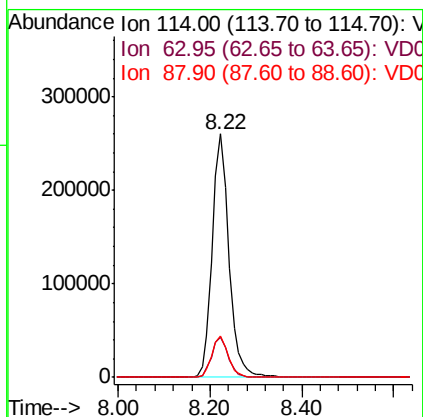
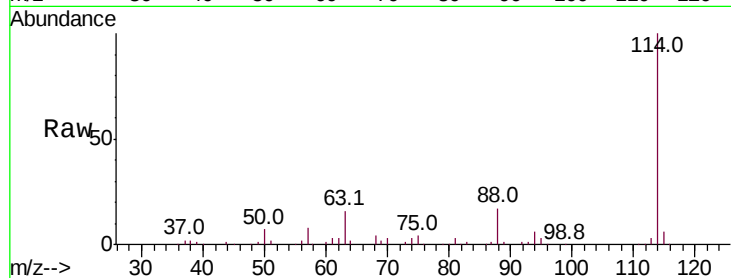




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VD061884.D
 Acq: 18 Apr 2019 19:58

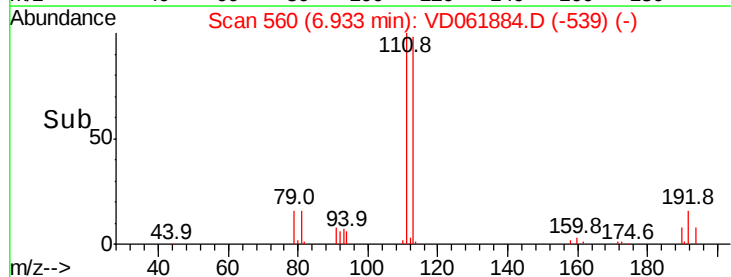
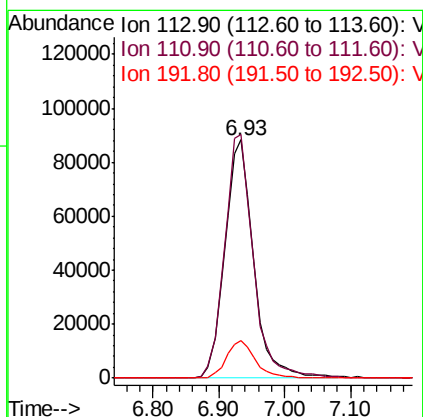
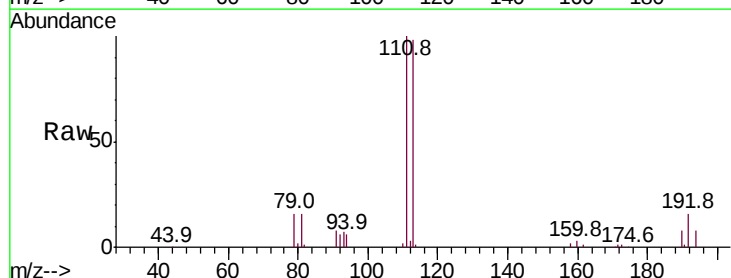
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-044RE

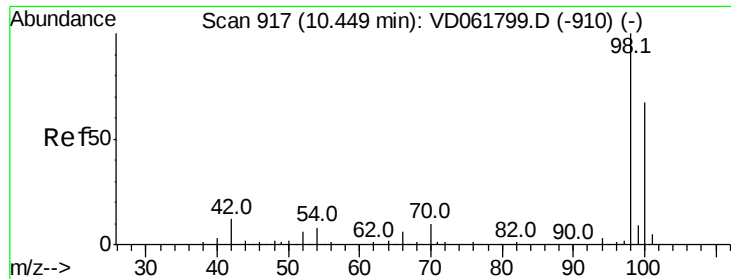
Tot Ion:114 Resp: 649843
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 32.4
 88 17.1 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061884.D
 Acq: 18 Apr 2019 19:58

Tgt Ion:113 Resp: 269894
 Ion Ratio Lower Upper
 113 100
 111 102.3 78.5 117.7
 192 16.0 13.0 19.4





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD061884.D

Acq: 18 Apr 2019 19:58

Instrument :

MSVOA_D

ClientSampleId :

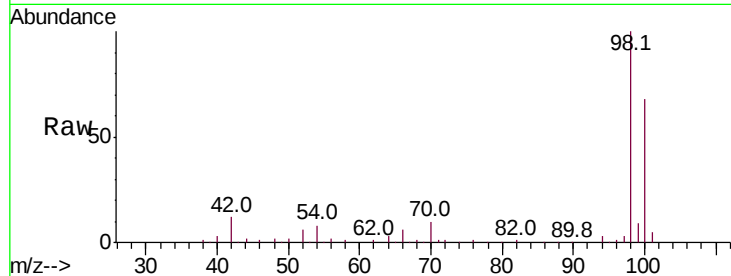
FK-PS-01-044RE

Tot Ion: 98 Resp: 436794

Ion Ratio Lower Upper

98 100

100 67.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

200000

150000

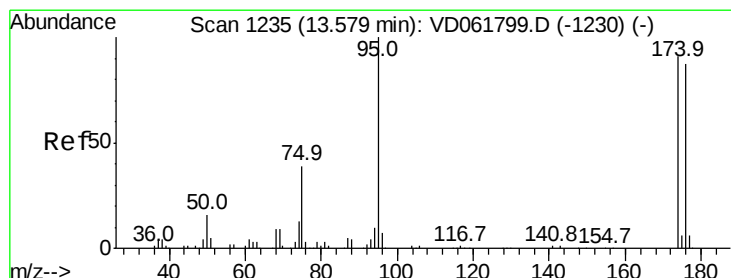
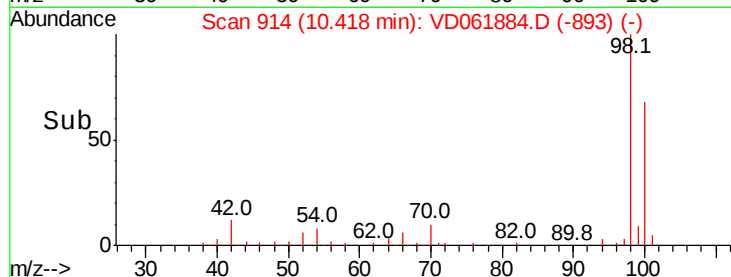
100000

50000

0

10.30 10.40 10.50 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VD061884.D

Acq: 18 Apr 2019 19:58

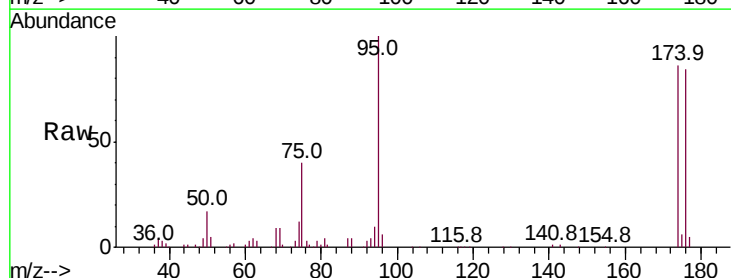
Tgt Ion: 95 Resp: 181304

Ion Ratio Lower Upper

95 100

174 85.7 0.0 181.8

176 84.0 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

150000

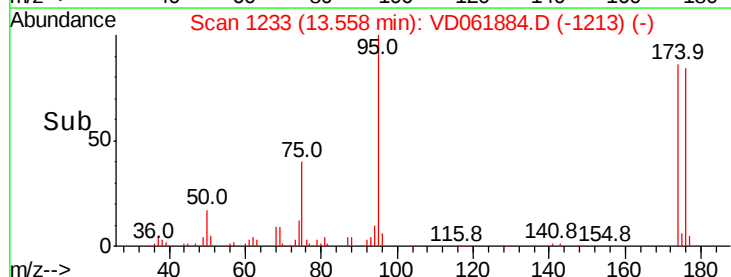
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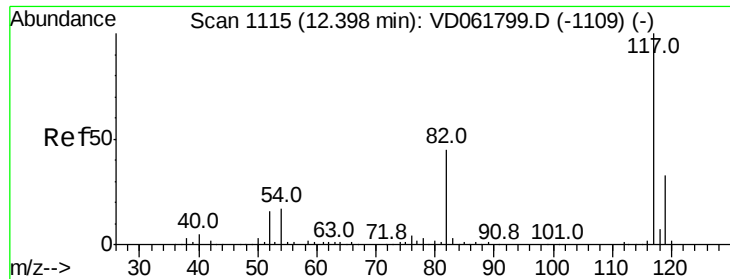
50000

0

13.50 13.55 13.60 13.65

Time-->

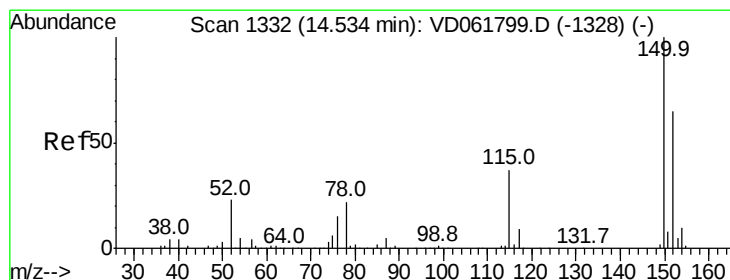
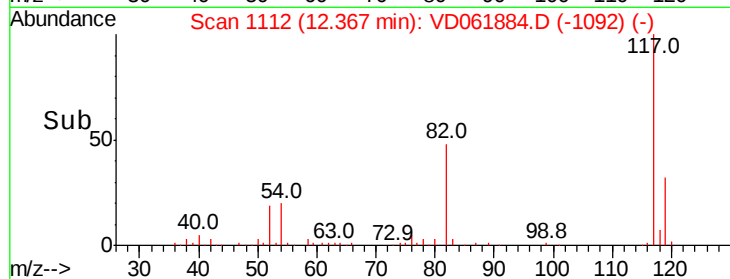
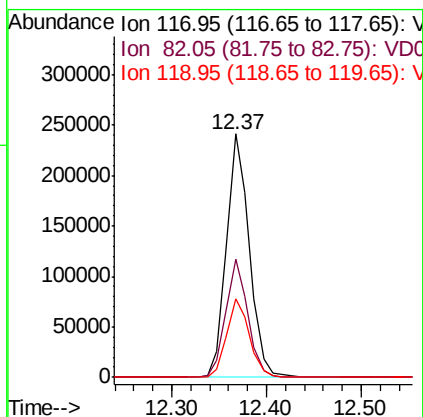
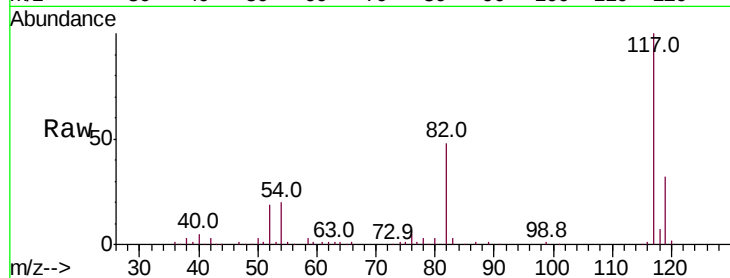




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: VD061884.D
 Acq: 18 Apr 2019 19:58

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-044RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.3	36.2	54.2
119	32.1	26.2	39.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: VD061884.D
 Acq: 18 Apr 2019 19:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	51.6	30.9	92.7
150	156.9	0.0	314.8

