

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062215.D
 Acq On : 10 May 2019 15:04
 Operator : FY/SY
 Sample : K2718-06RE
 Misc : 5.19g/5mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS005-1218-01RE

Quant Time: May 10 23:59:59 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

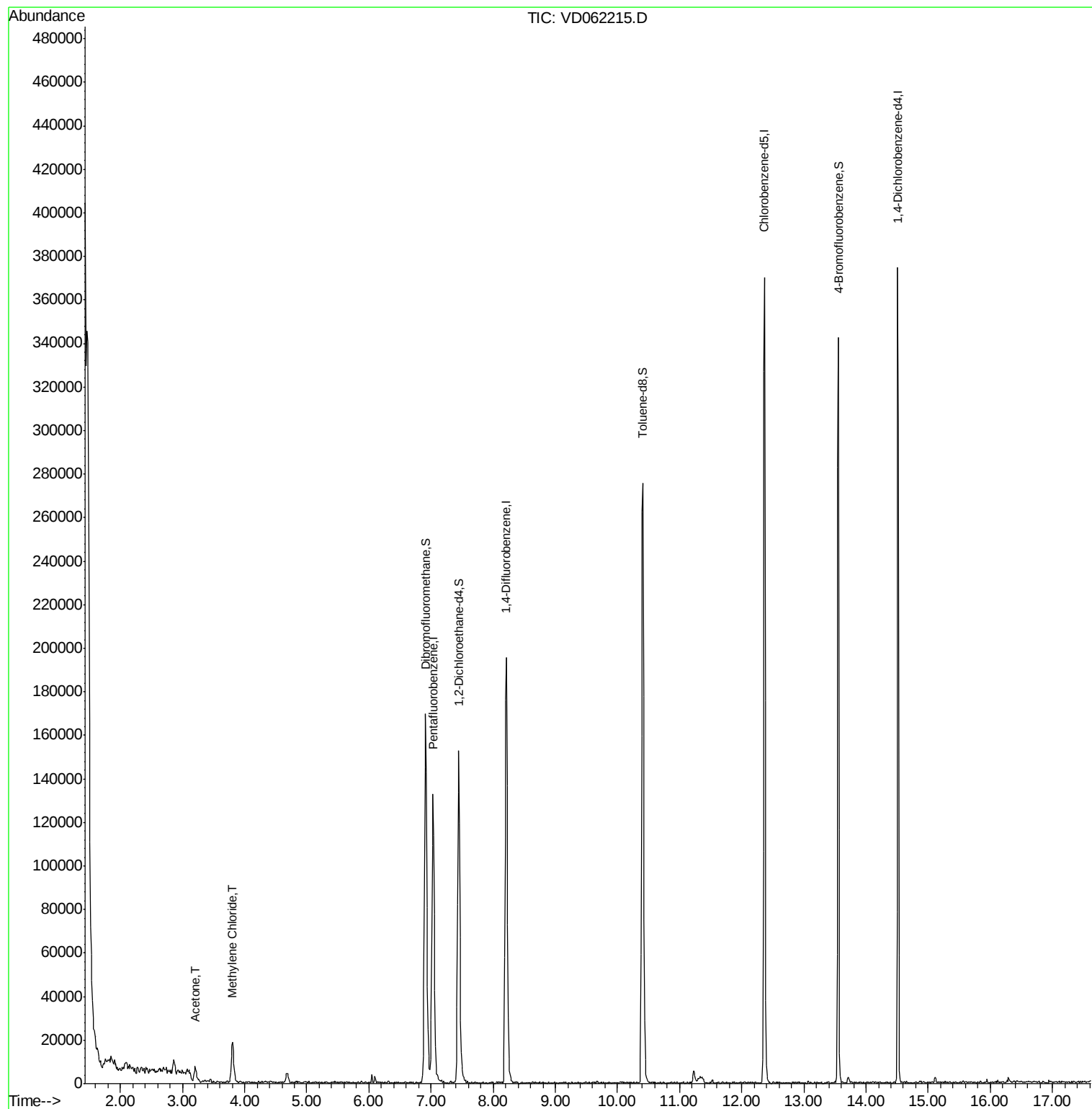
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	127593	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.21	114	220014	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	210380	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	82756	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	163095	137.55	ug/l	0.02
Spiked Amount 50.000			Recovery	=	275.10%	
35) Dibromofluoromethane	6.91	113	145060	79.46	ug/l	0.02
Spiked Amount 50.000			Recovery	=	158.92%	
50) Toluene-d8	10.41	98	240026	54.53	ug/l	0.01
Spiked Amount 50.000			Recovery	=	109.06%	
62) 4-Bromofluorobenzene	13.56	95	99322	56.20	ug/l	0.01
Spiked Amount 50.000			Recovery	=	112.40%	
Target Compounds						
16) Acetone	3.20	43	11115	44.699	ug/l #	87
20) Methylene Chloride	3.80	84	12398	11.941	ug/l #	90

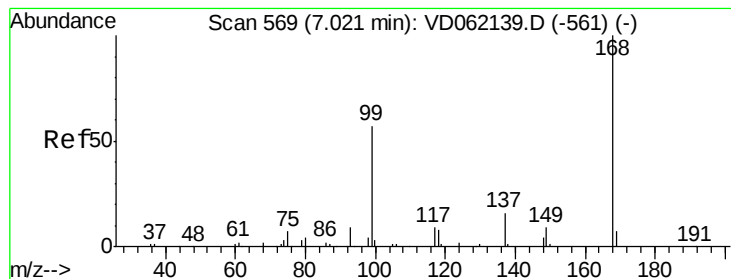
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.01 min

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Acq: 10 May 2019 15:04

Instrument :

MSVOA_D

ClientSampleId :

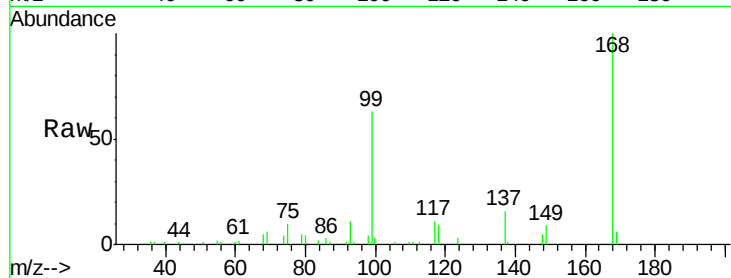
P026-SS005-1218-01RE

Tot Ion:168 Resp: 127593

Ion Ratio Lower Upper

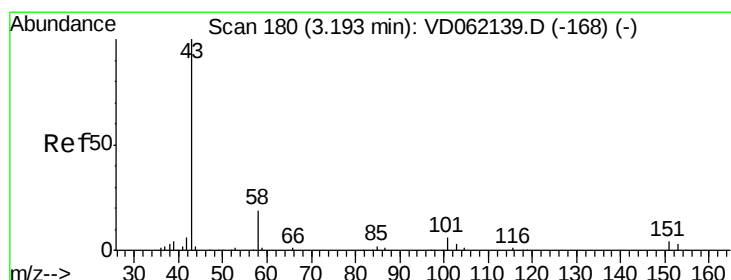
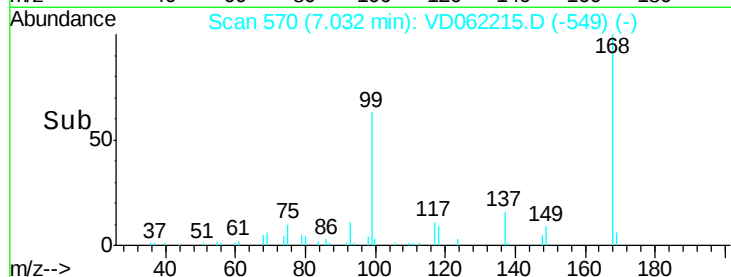
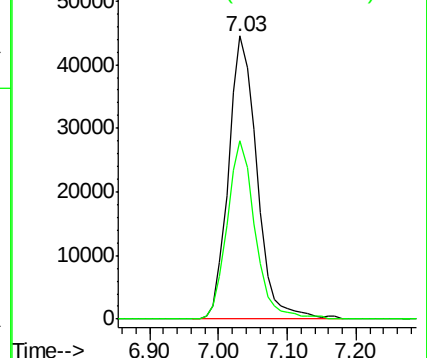
168 100

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



#16

Acetone

Concen: 44.699 ug/l

RT: 3.20 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD062215.D

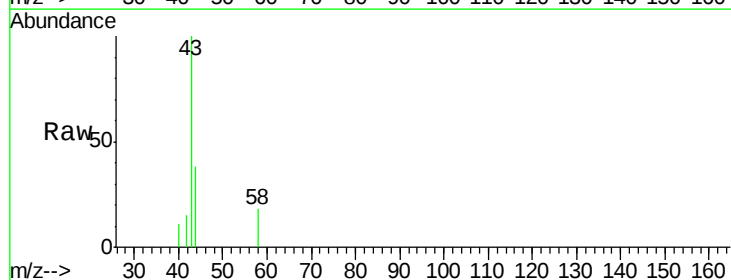
Acq: 10 May 2019 15:04

Tgt Ion: 43 Resp: 11115

Ion Ratio Lower Upper

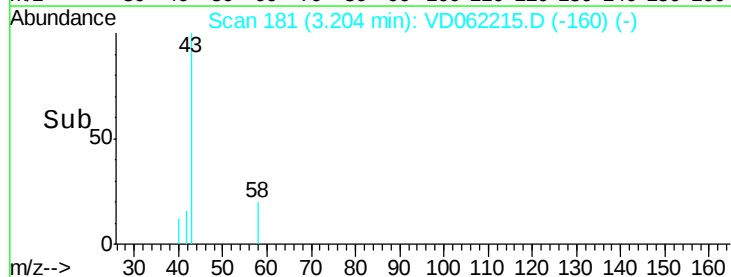
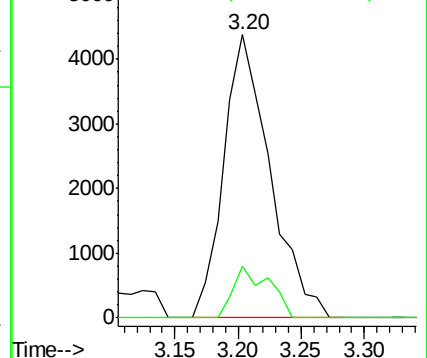
43 100

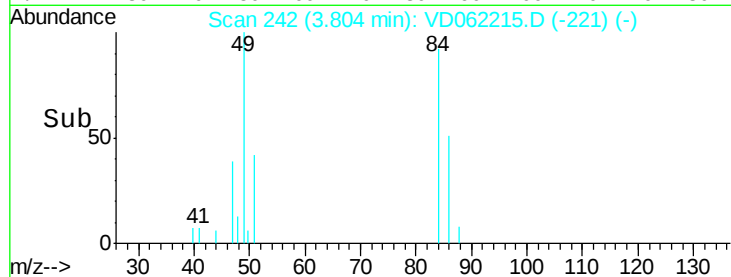
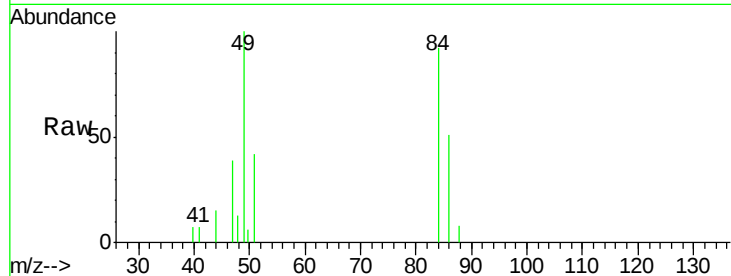
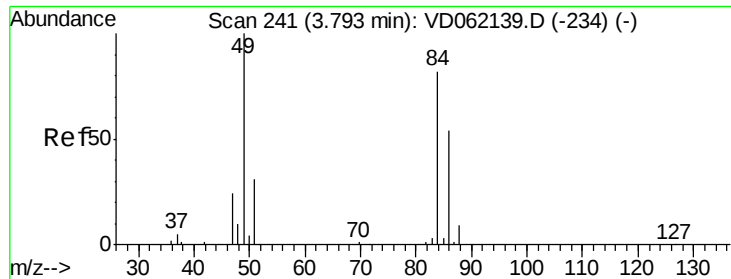
58 18.4 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

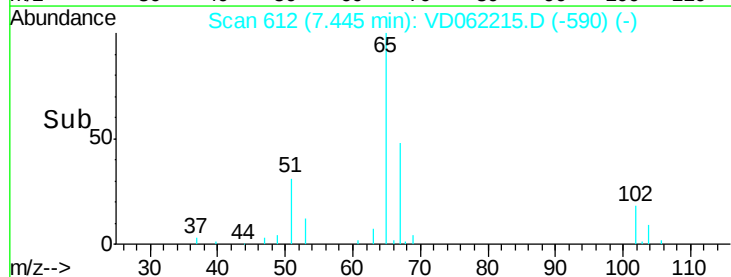
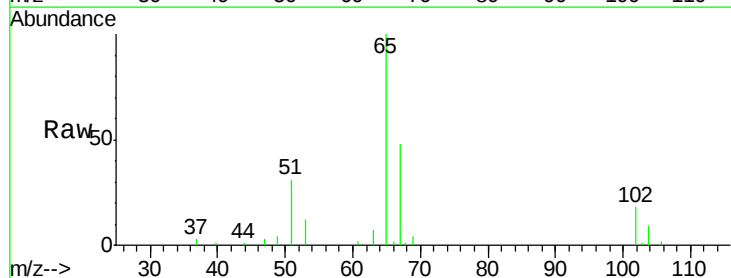
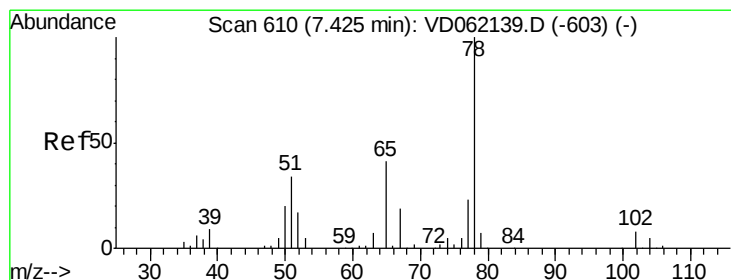
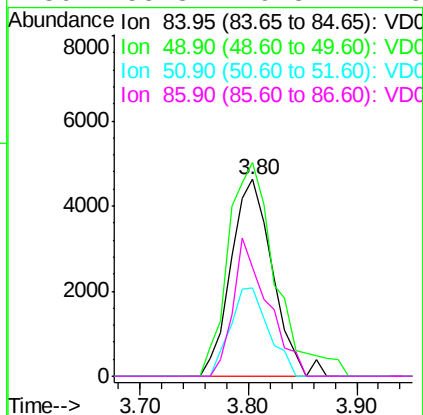




#20
Methvlene Chloride
Concen: 11.941 ug/l
RT: 3.80 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD062215.D
Acq: 10 May 2019 15:04

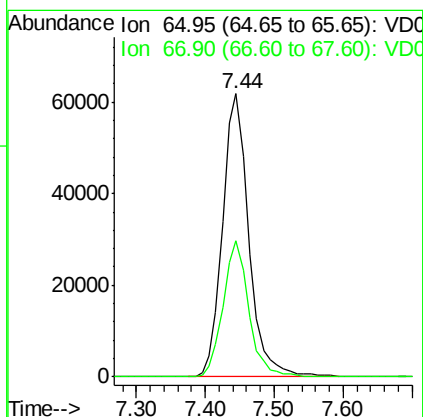
Instrument :
MSVOA_D
ClientSampleId :
P026-SS005-1218-01RE

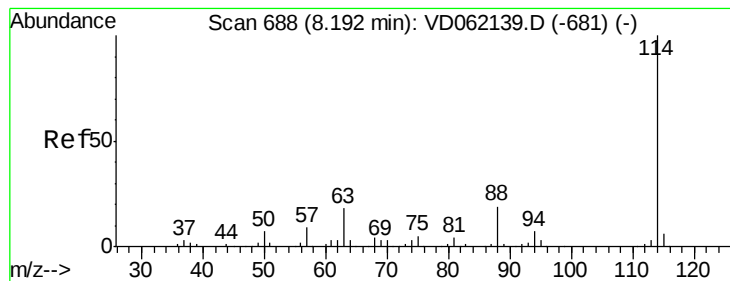
Tot Ion	84	Resp	12398
Ion Ratio	Lower	Upper	
84	100		
49	108.5	94.0	141.0
51	45.1	29.0	43.4
86	55.3	49.8	74.6



#33
1,2-Dichloroethane-d4
Concen: 137.547 ug/l
RT: 7.44 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD062215.D
Acq: 10 May 2019 15:04

Tgt Ion	65	Resp	163095
Ion Ratio	Lower	Upper	
65	100		
67	48.3	0.0	98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD062215.D

Acq: 10 May 2019 15:04

Instrument :

MSVOA_D

ClientSampleId :

P026-SS005-1218-01RE

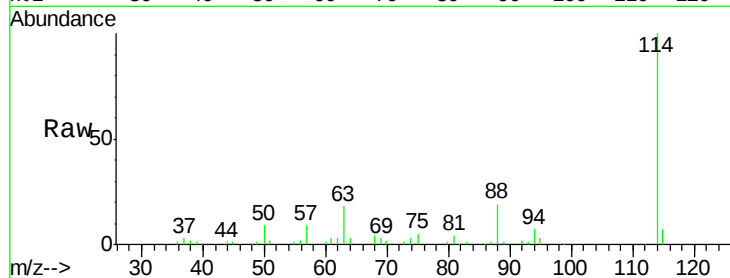
Tot Ion:114 Resp: 220014

Ion Ratio Lower Upper

114 100

63 17.6 0.0 32.4

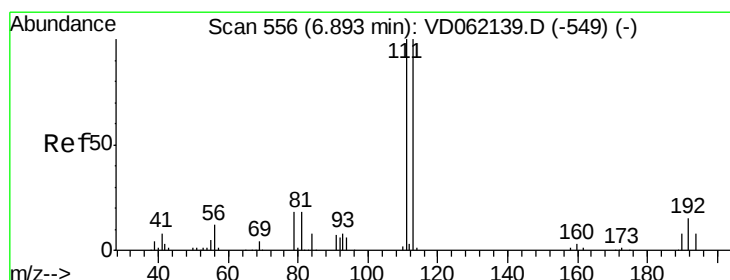
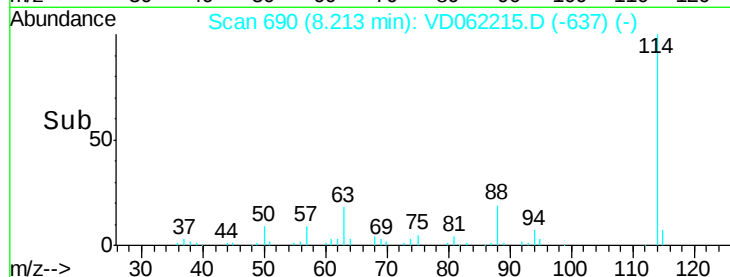
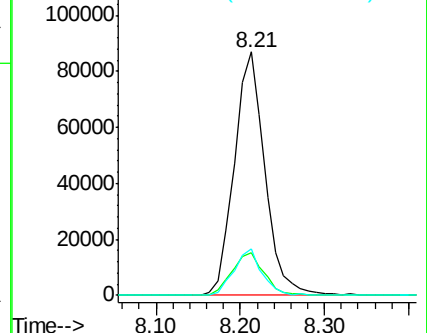
88 19.3 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 79.464 ug/l

RT: 6.91 min Scan# 558

Delta R.T. 0.02 min

Lab File: VD062215.D

Acq: 10 May 2019 15:04

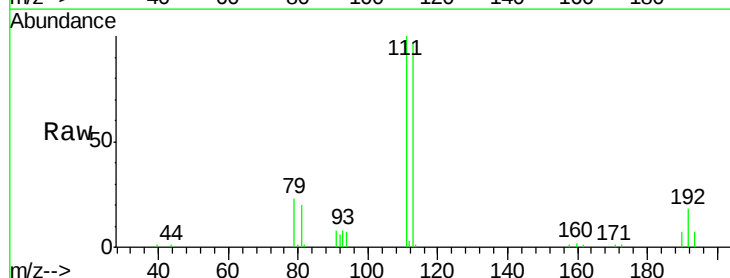
Tgt Ion:113 Resp: 145060

Ion Ratio Lower Upper

113 100

111 102.9 78.5 117.7

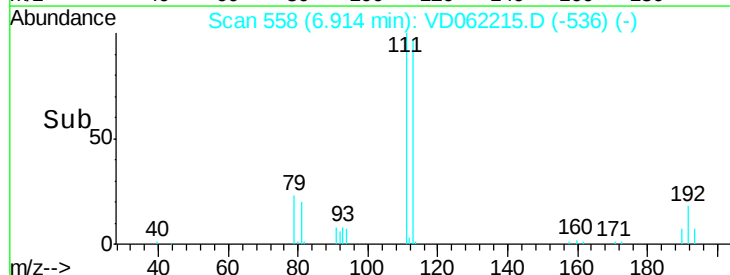
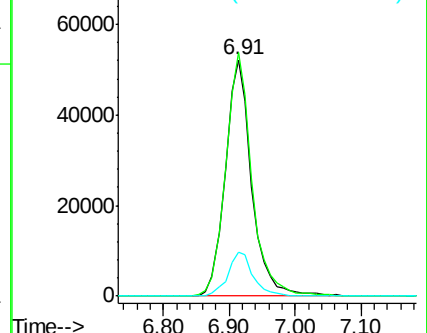
192 18.8 13.0 19.4

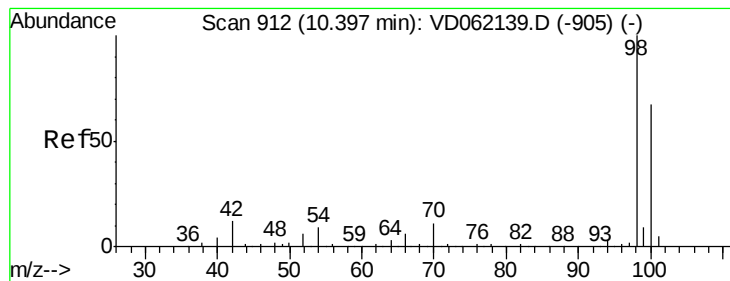


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 54.534 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062215.D

Acq: 10 May 2019 15:04

Instrument :

MSVOA_D

ClientSampleId :

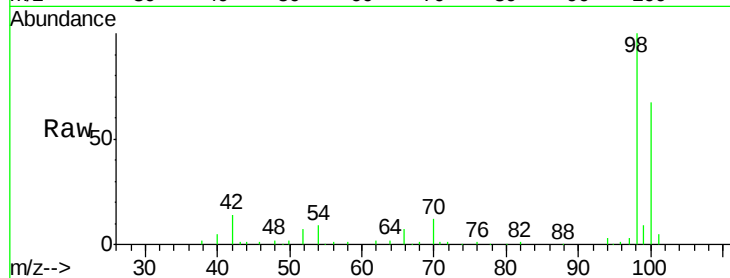
P026-SS005-1218-01RE

Tot Ion: 98 Resp: 240026

Ion Ratio Lower Upper

98 100

100 66.7 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) (-)

10.41

100000

80000

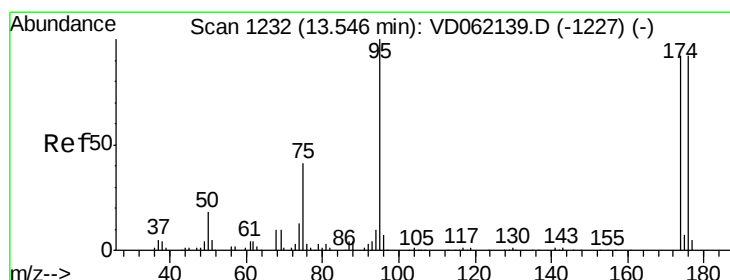
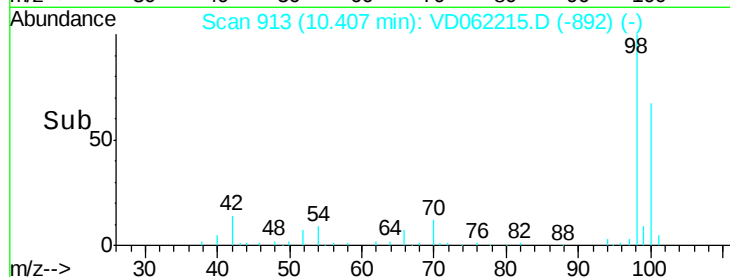
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 56.196 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062215.D

Acq: 10 May 2019 15:04

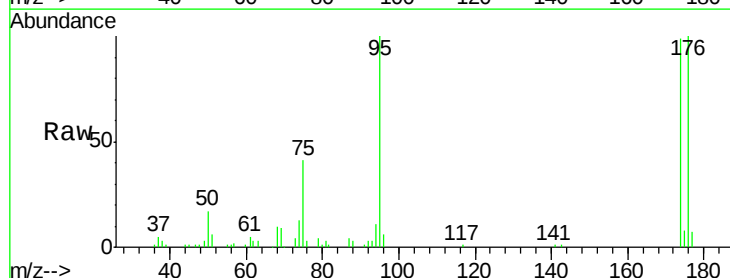
Tgt Ion: 95 Resp: 99322

Ion Ratio Lower Upper

95 100

174 99.4 0.0 181.8

176 99.6 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) (-)

13.56

80000

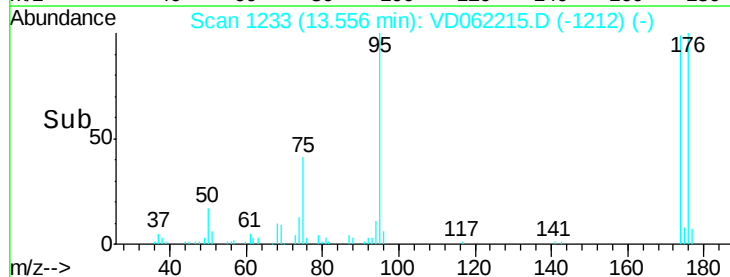
60000

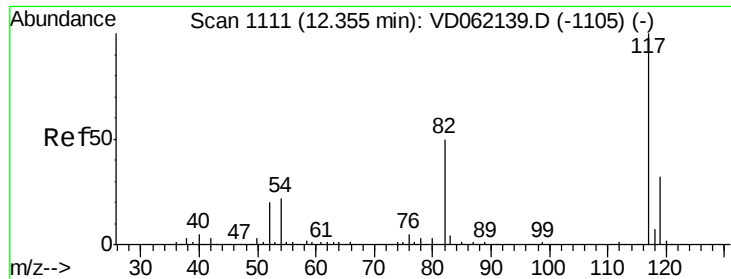
40000

20000

0

Time-->

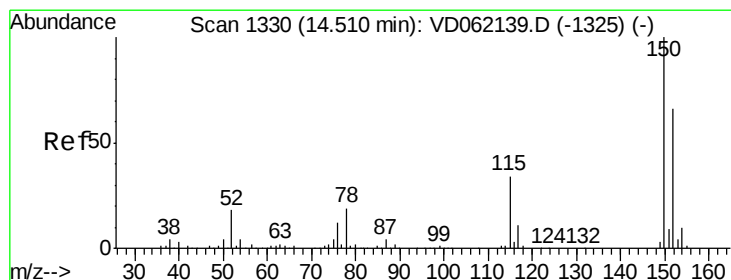
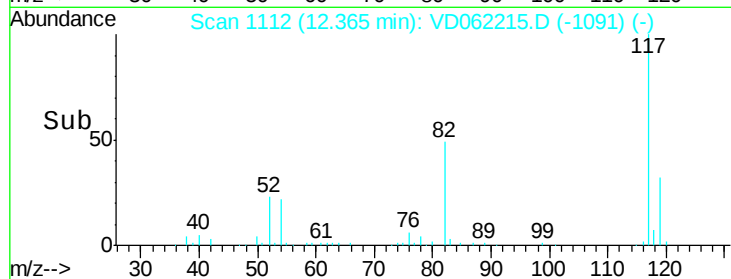
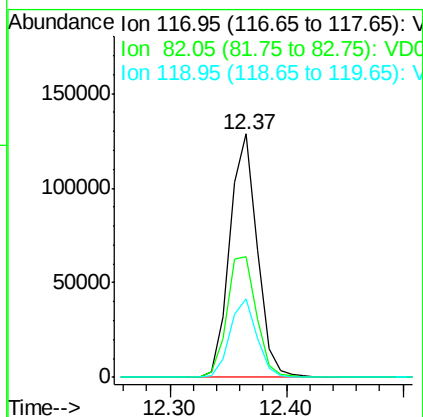
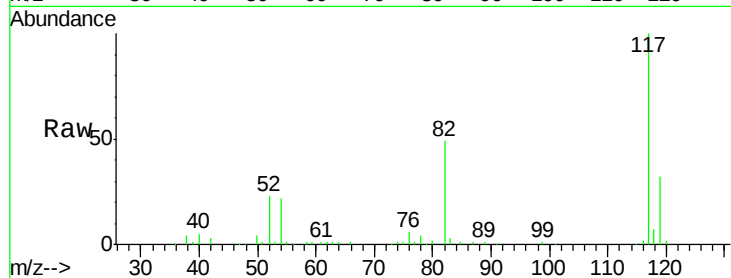




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062215.D
Acq: 10 May 2019 15:04

Instrument :
MSVOA_D
ClientSampleId :
P026-SS005-1218-01RE

Tot Ion:117 Resp: 210380
Ion Ratio Lower Upper
117 100
82 49.4 36.2 54.2
119 32.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062215.D
Acq: 10 May 2019 15:04

Tgt Ion:152 Resp: 82756
Ion Ratio Lower Upper
152 100
115 67.3 30.9 92.7
150 162.0 0.0 314.8

