

Data File : VD062240.D
Acq On : 11 May 2019 16:31
Operator : FY/SY
Sample : K2718-11RE
Misc : 5.20g/5mL/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P026-SS006-0002-02RE

Quant Time: May 11 23:02:32 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

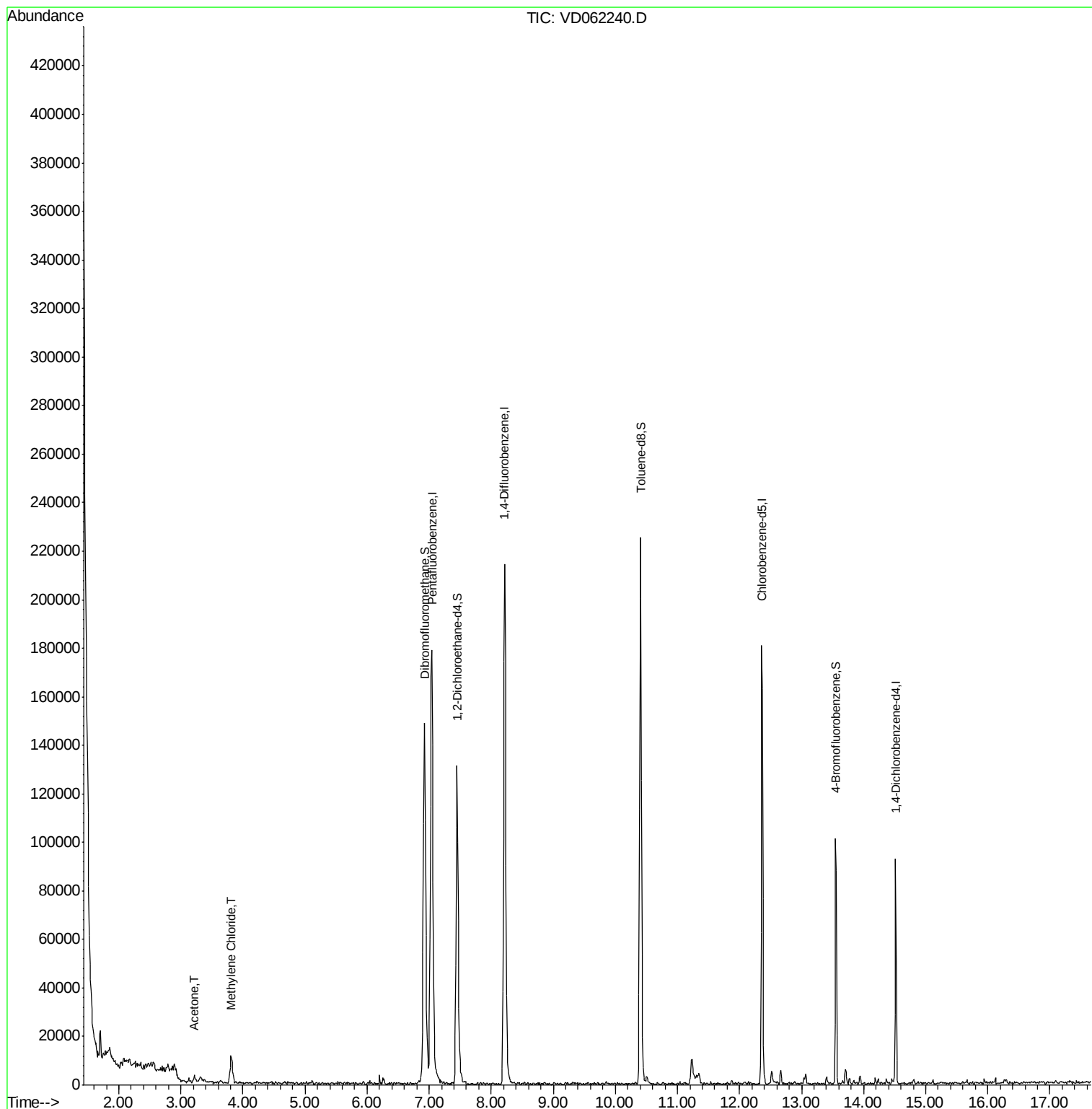
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	176007	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	230109	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	102409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	21094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	135196	82.66	ug/l	0.02
Spiked Amount 50.000			Recovery	=	165.32%	
35) Dibromofluoromethane	6.93	113	133854	70.11	ug/l	0.03
Spiked Amount 50.000			Recovery	=	140.22%	
50) Toluene-d8	10.41	98	178811	38.84	ug/l	0.01
Spiked Amount 50.000			Recovery	=	77.68%	
62) 4-Bromofluorobenzene	13.55	95	30645	16.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	33.16%	
Target Compounds						
16) Acetone	3.22	43	5051	14.725	ug/l #	87
20) Methylene Chloride	3.81	84	8241	5.754	ug/l #	83

(#) = 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# 571

Delta R.T. 0.02 min

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ClientSampleId :

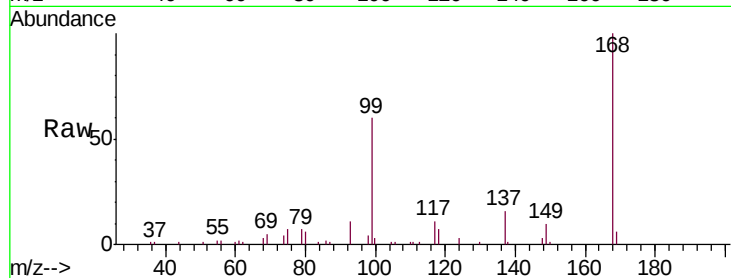
P026-SS006-0002-02RE

Tgt Ion: 168 Resp: 176007

Ion Ratio Lower Upper

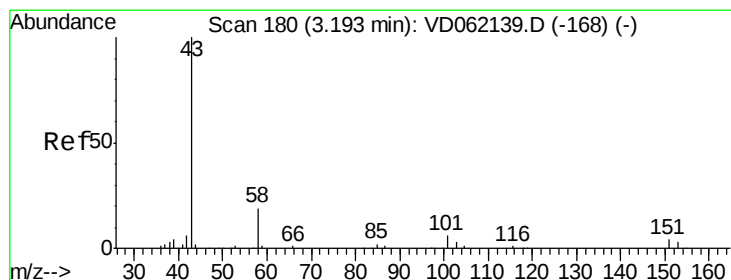
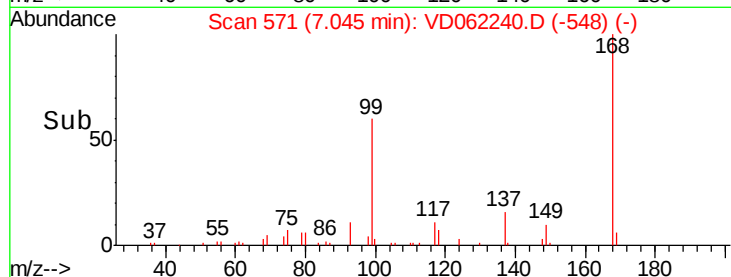
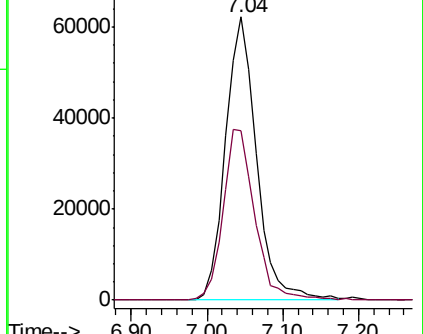
168 100

99 60.0 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: 14.725 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD062240.D

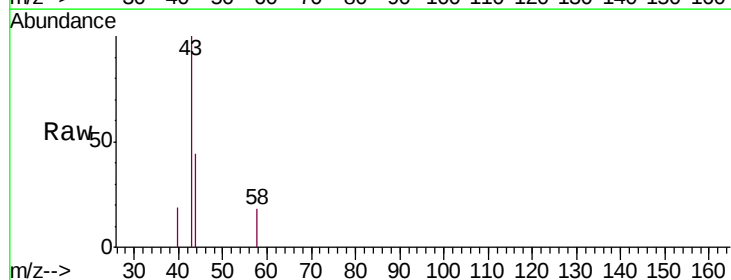
Acq: 11 May 2019 16:31

Tgt Ion: 43 Resp: 5051

Ion Ratio Lower Upper

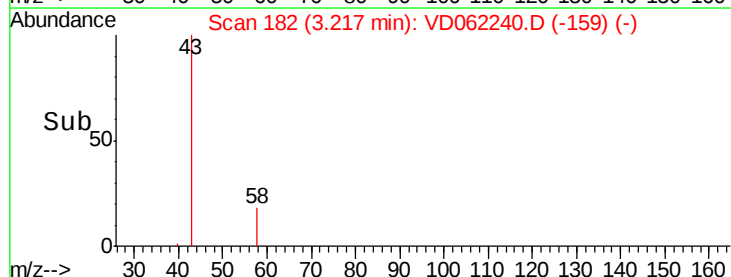
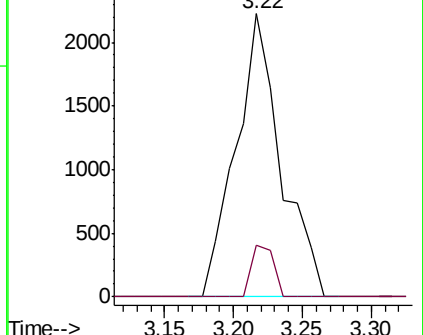
43 100

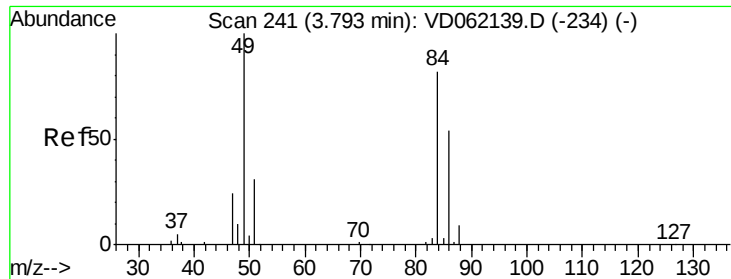
58 18.4 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

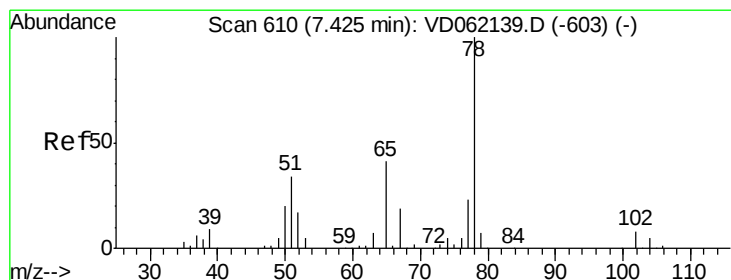
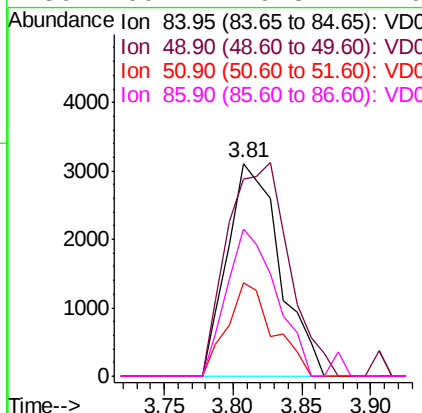
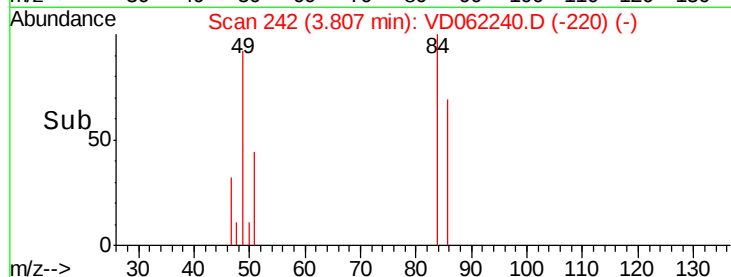
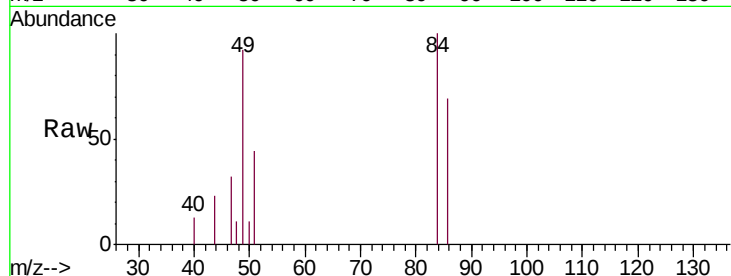




#20
Methylene Chloride
Concen: 5.754 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

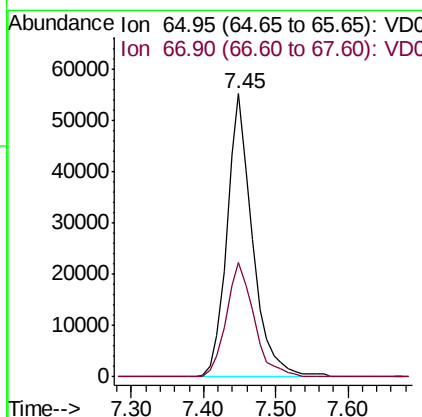
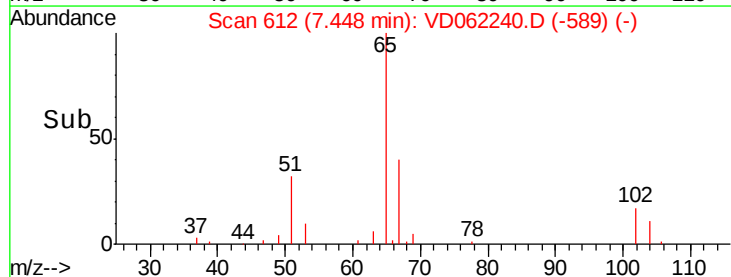
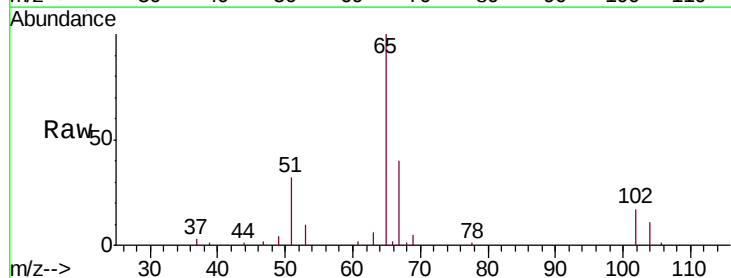
Instrument :
MSVOA_D
ClientSampleId :
P026-SS006-0002-02RE

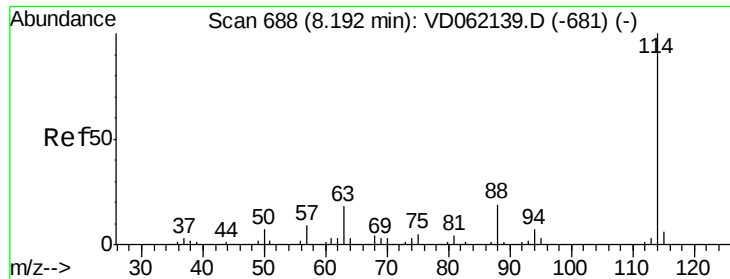
Tgt Ion: 84 Resp: 8241
Ion Ratio Lower Upper
84 100
49 92.4 94.0 141.0#
51 43.8 29.0 43.4#
86 69.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 82.656 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.02 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

Tgt Ion: 65 Resp: 135196
Ion Ratio Lower Upper
65 100
67 40.3 0.0 98.0

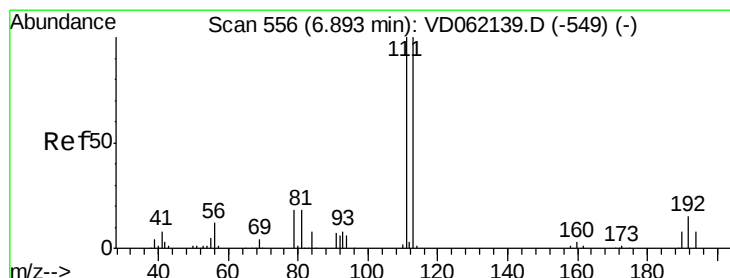
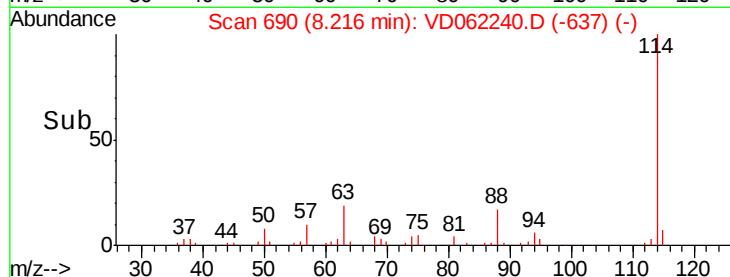
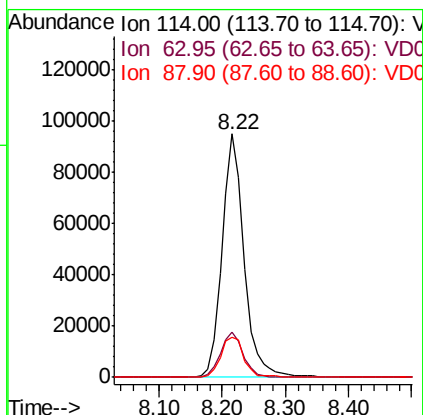
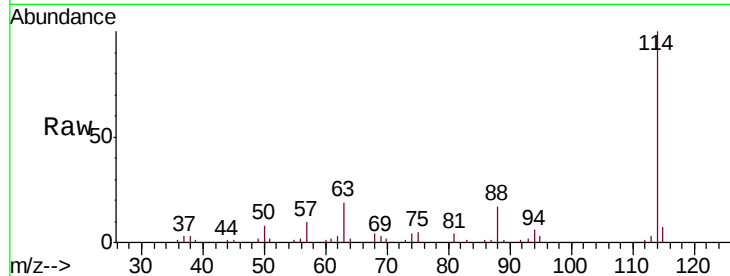




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD062240.D
 Acq: 11 May 2019 16:31

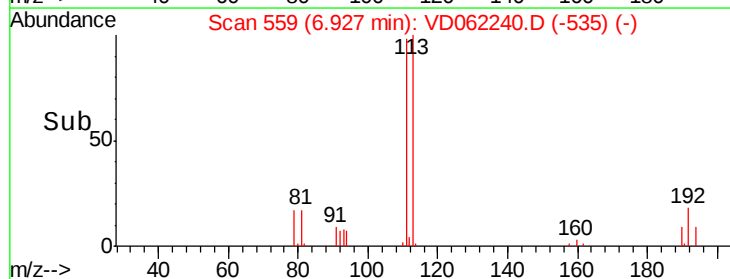
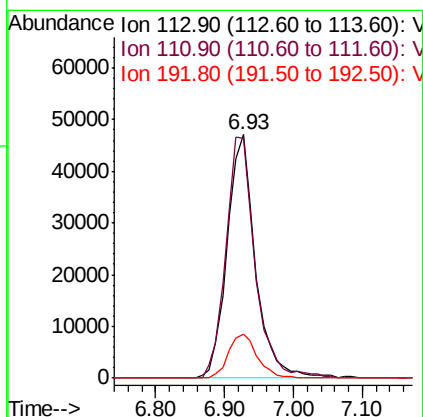
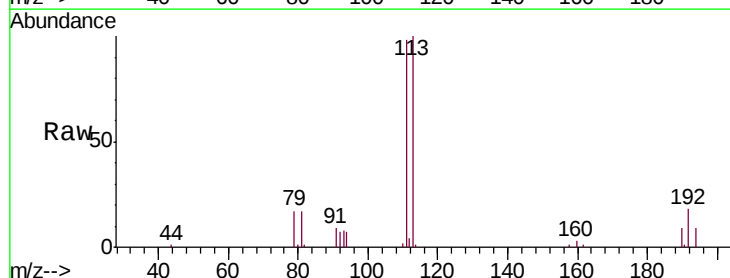
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS006-0002-02RE

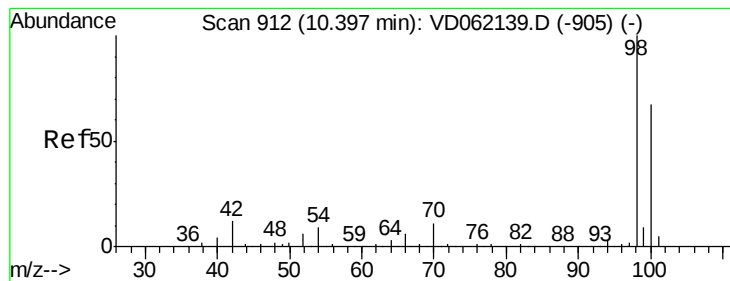
Tgt Ion:114 Resp: 230109
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 32.4
 88 16.7 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 70.108 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062240.D
 Acq: 11 May 2019 16:31

Tgt Ion:113 Resp: 133854
 Ion Ratio Lower Upper
 113 100
 111 98.3 78.5 117.7
 192 17.9 13.0 19.4





#50

Toluene-d8

Concen: 38.844 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062240.D

Acq: 11 May 2019 16:31

Instrument :

MSVOA_D

ClientSampleId :

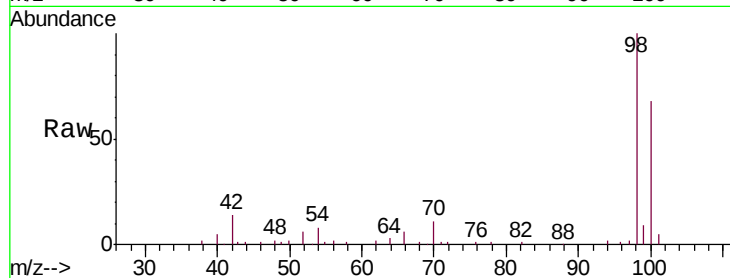
P026-SS006-0002-02RE

Tgt Ion: 98 Resp: 178811

Ion Ratio Lower Upper

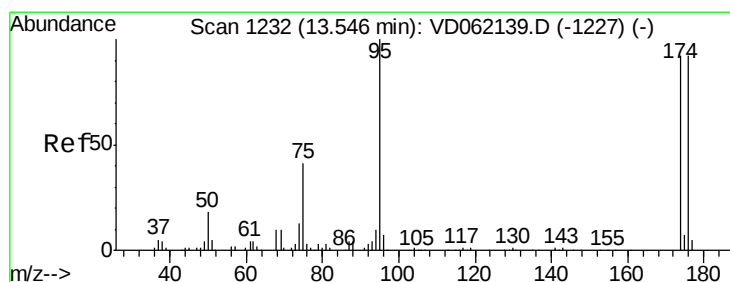
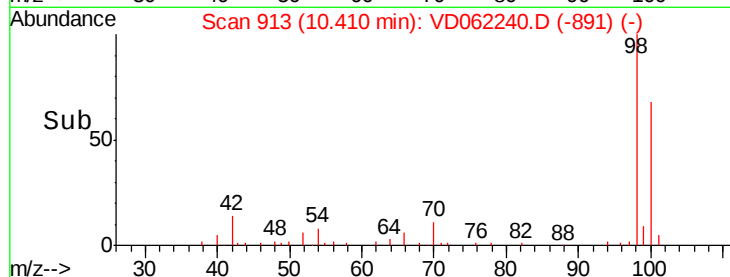
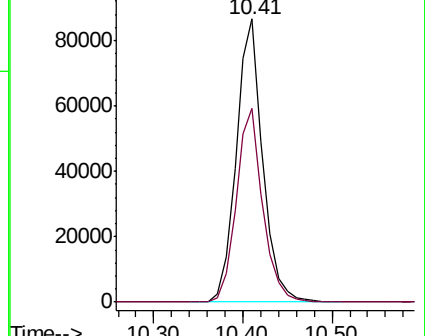
98 100

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) (-)



#62

4-Bromofluorobenzene

Concen: 16.578 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062240.D

Acq: 11 May 2019 16:31

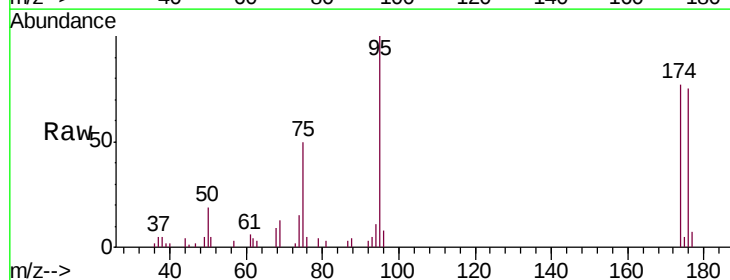
Tgt Ion: 95 Resp: 30645

Ion Ratio Lower Upper

95 100

174 77.5 0.0 181.8

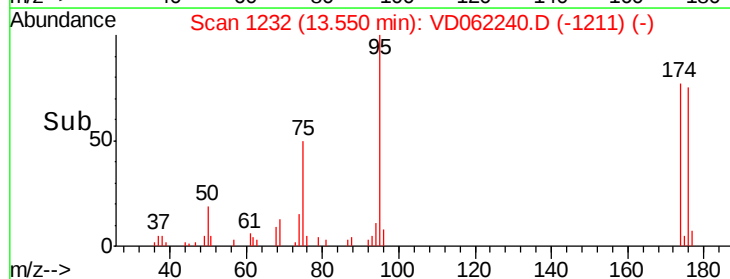
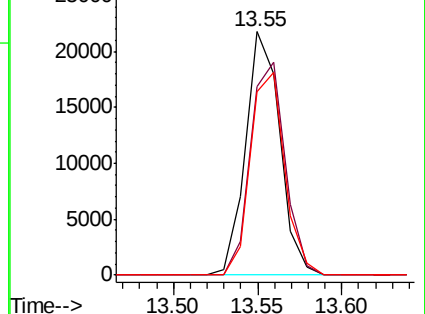
176 75.2 0.0 174.4

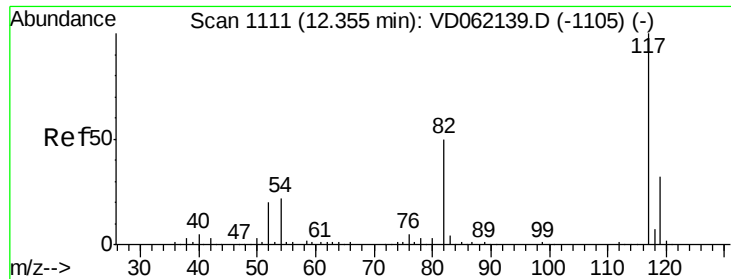


Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

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

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

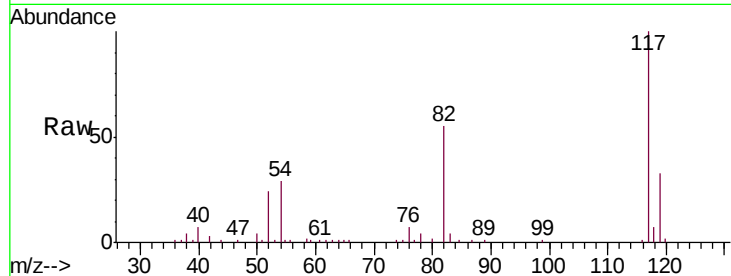




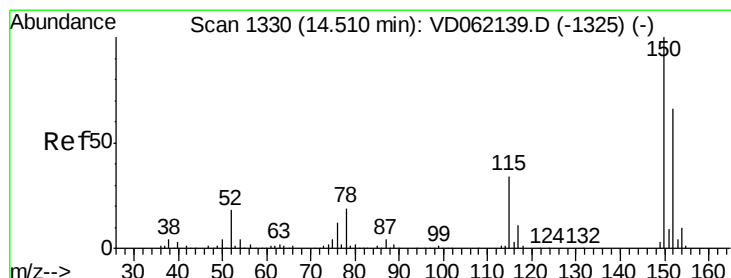
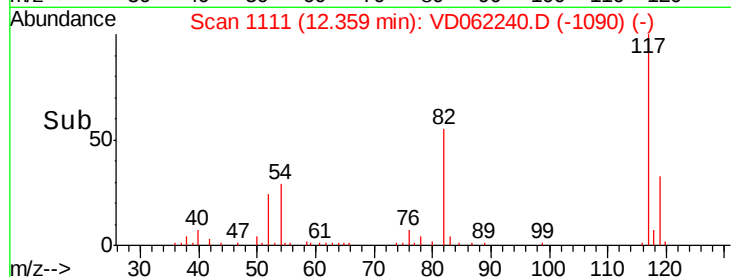
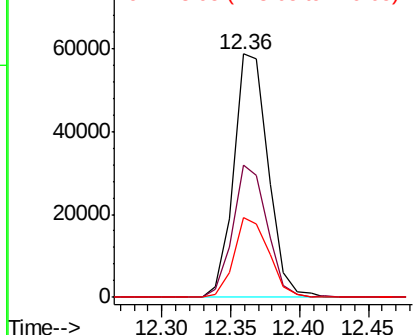
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

Instrument :
MSVOA_D
ClientSampleId :
P026-SS006-0002-02RE

Tgt Ion:117 Resp: 102409
Ion Ratio Lower Upper
117 100
82 54.5 36.2 54.2#
119 32.6 26.2 39.4

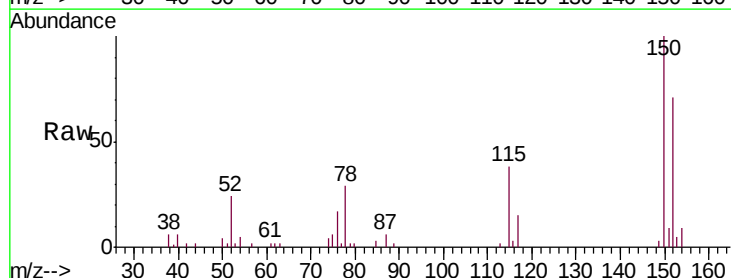


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062240.D
Acq: 11 May 2019 16:31

Tgt Ion:152 Resp: 21094
Ion Ratio Lower Upper
152 100
115 54.2 30.9 92.7
150 141.8 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

