

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062226.D
 Acq On : 10 May 2019 20:56
 Operator : FY/SY
 Sample : K2719-06
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS008-1218-01

Quant Time: May 11 00:21:59 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

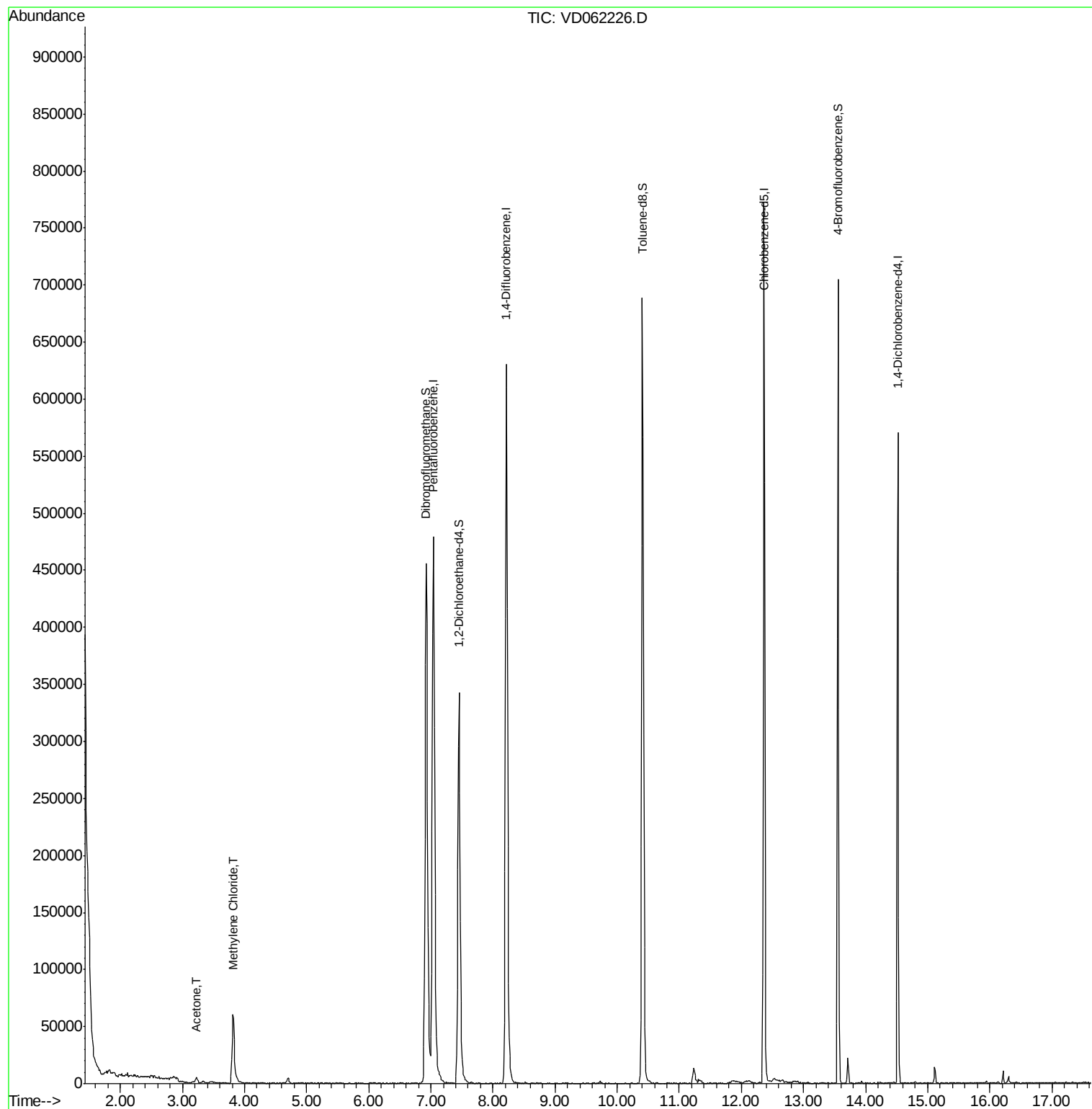
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	474549	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	692179	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	407772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	130632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	367319	83.29	ug/l	0.03
Spiked Amount 50.000			Recovery	=	166.58%	
35) Dibromofluoromethane	6.92	113	397750	69.26	ug/l	0.03
Spiked Amount 50.000			Recovery	=	138.52%	
50) Toluene-d8	10.41	98	555476	40.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.24%	
62) 4-Bromofluorobenzene	13.56	95	185370	33.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.68%	
Target Compounds						
16) Acetone	3.22	43	9602	10.382	ug/l #	72
20) Methylene Chloride	3.82	84	40989	10.615	ug/l	91

(#) = 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

Lab File: VD062226.D

Acq: 10 May 2019 20:56

Instrument :

MSVOA_D

ClientSampleId :

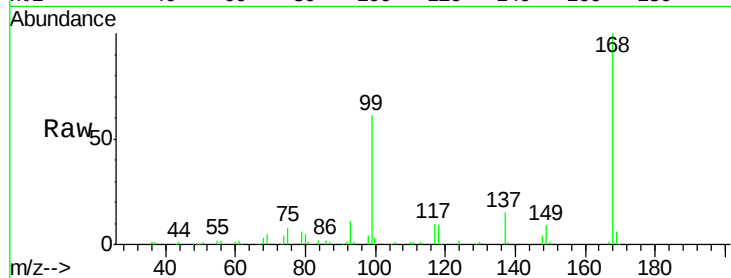
P026-SS008-1218-01

Tot Ion:168 Resp: 474549

Ion Ratio Lower Upper

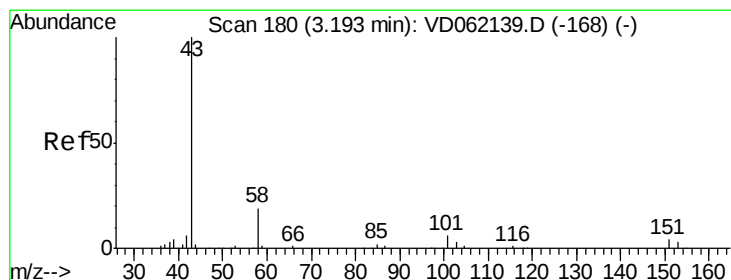
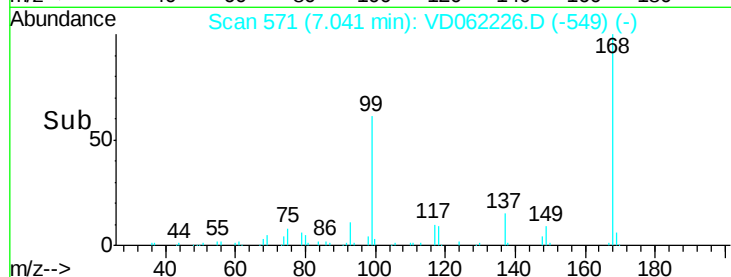
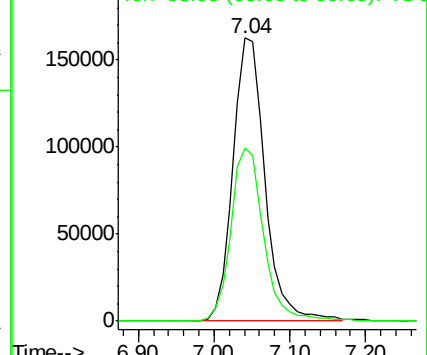
168 100

99 61.2 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: 10.382 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062226.D

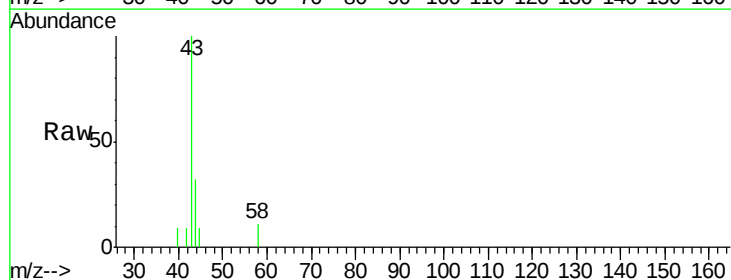
Acq: 10 May 2019 20:56

Tgt Ion: 43 Resp: 9602

Ion Ratio Lower Upper

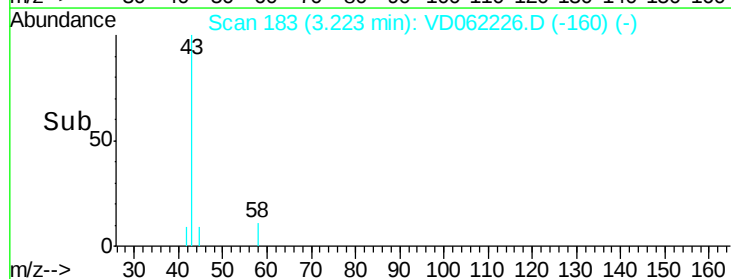
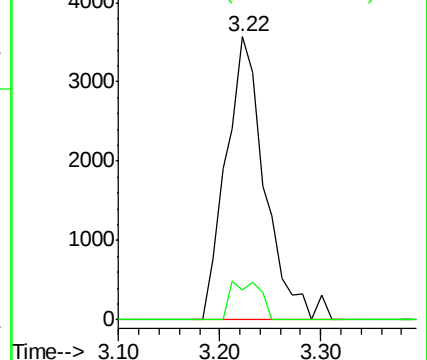
43 100

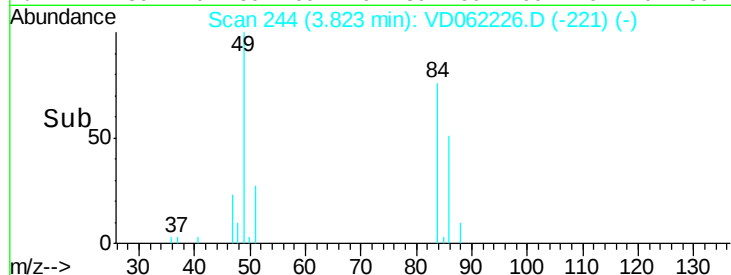
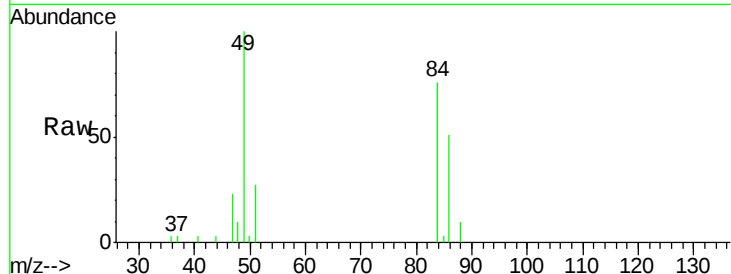
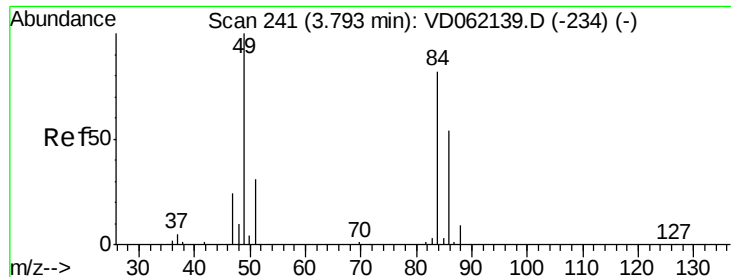
58 10.8 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

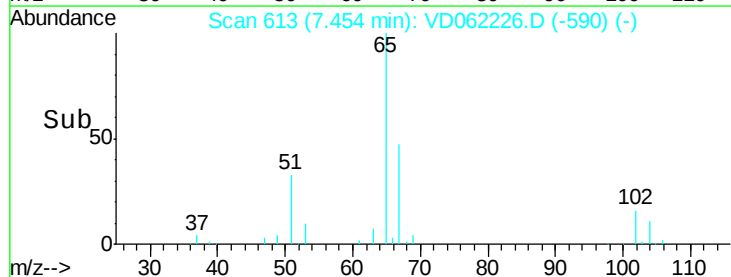
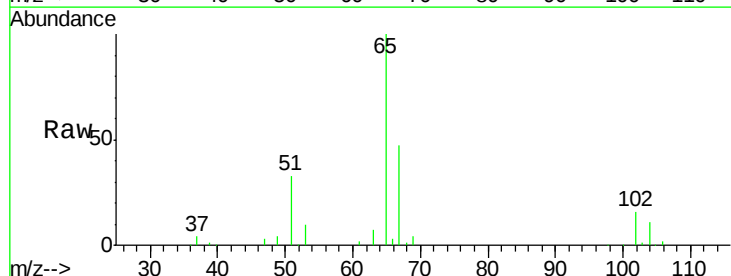
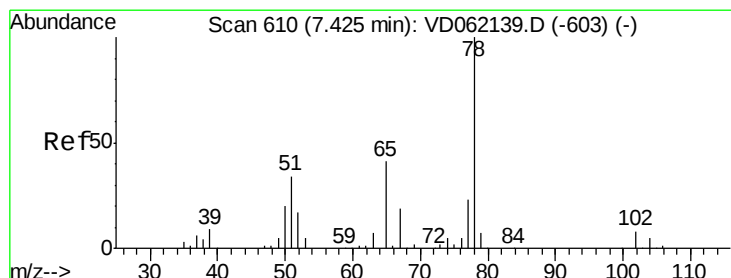
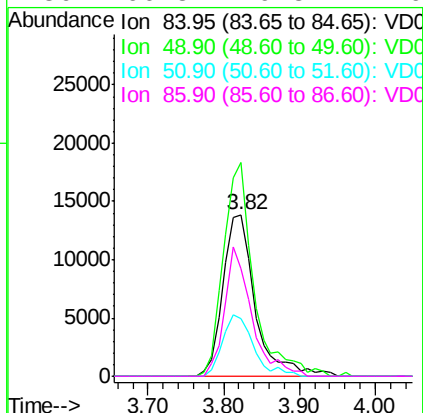




#20
Methvlene Chloride
Concen: 10.615 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.03 min
Lab File: VD062226.D
Acq: 10 May 2019 20:56

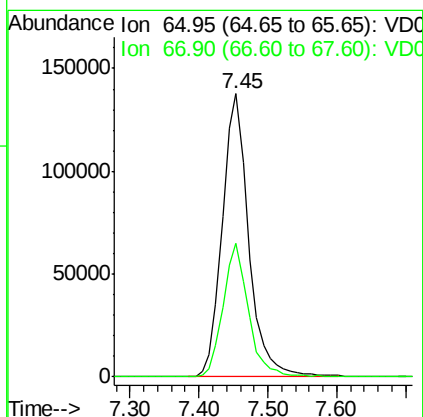
Instrument :
MSVOA_D
ClientSampleId :
P026-SS008-1218-01

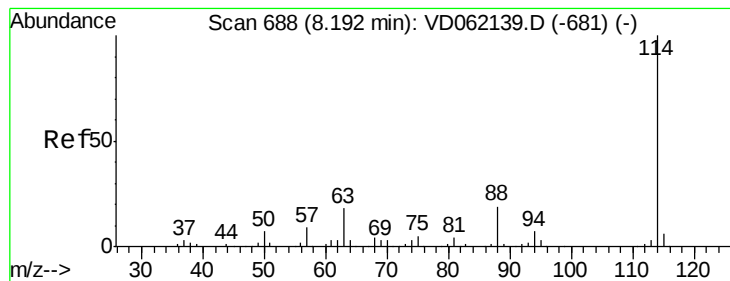
Tot Ion:	84	Resp:	40989
Ion	Ratio	Lower	Upper
84	100		
49	132.1	94.0	141.0
51	35.8	29.0	43.4
86	66.8	49.8	74.6



#33
1,2-Dichloroethane-d4
Concen: 83.291 ug/l
RT: 7.45 min Scan# 613
Delta R.T. 0.03 min
Lab File: VD062226.D
Acq: 10 May 2019 20:56

Tgt Ion:	65	Resp:	367319
Ion	Ratio	Lower	Upper
65	100		
67	47.0	0.0	98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.03 min

Lab File: VD062226.D

Acq: 10 May 2019 20:56

Instrument :

MSVOA_D

ClientSampleId :

P026-SS008-1218-01

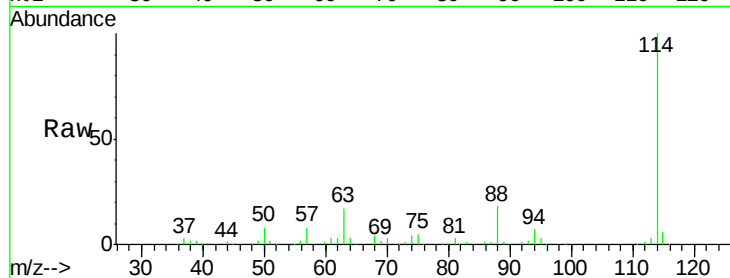
Tot Ion:114 Resp: 692179

Ion Ratio Lower Upper

114 100

63 17.5 0.0 32.4

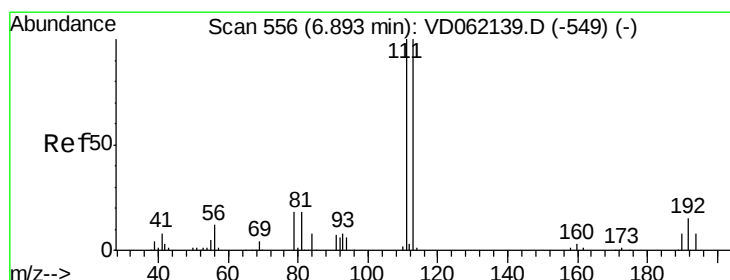
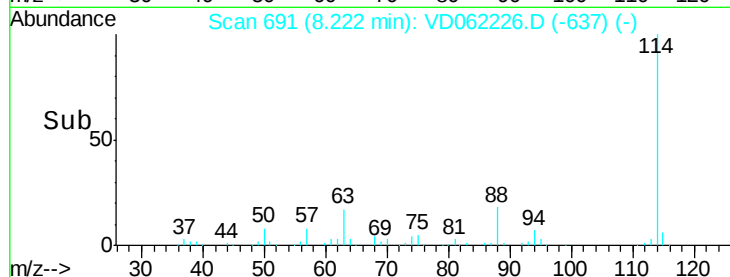
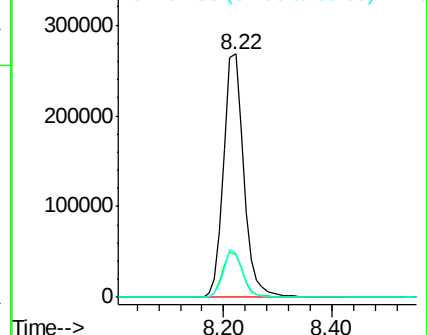
88 18.1 0.0 33.6



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: 69.257 ug/l

RT: 6.92 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD062226.D

Acq: 10 May 2019 20:56

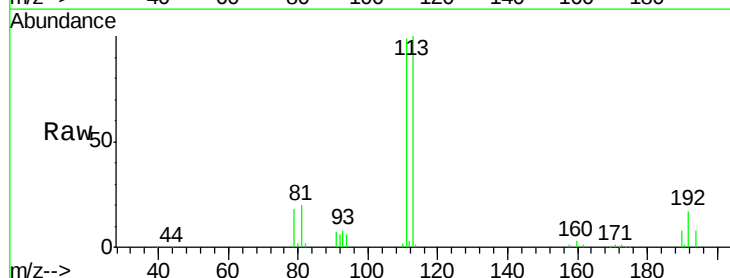
Tgt Ion:113 Resp: 397750

Ion Ratio Lower Upper

113 100

111 98.6 78.5 117.7

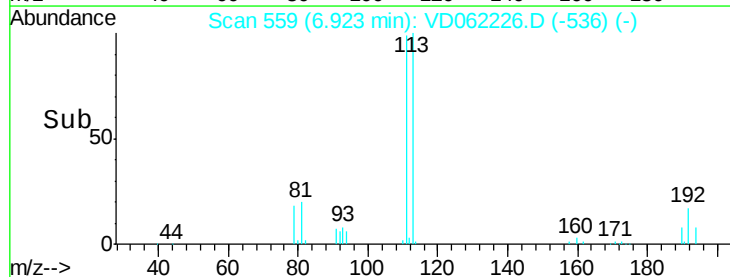
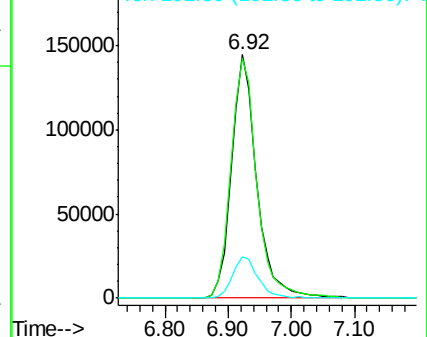
192 17.2 13.0 19.4

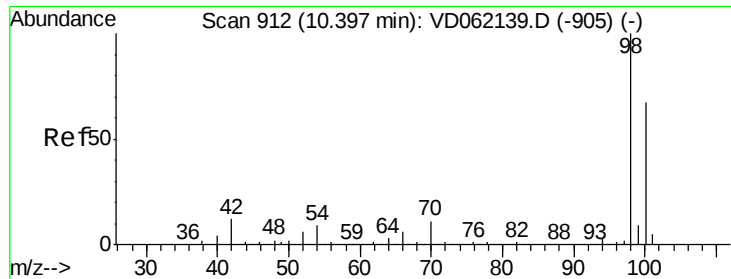


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

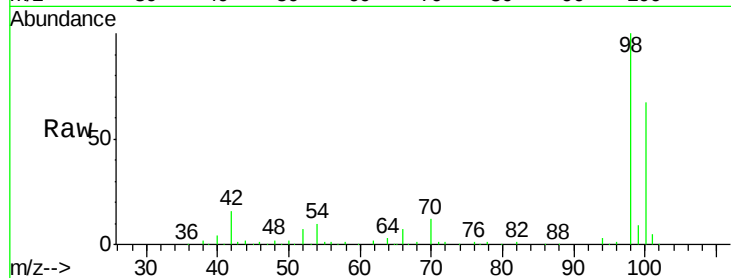




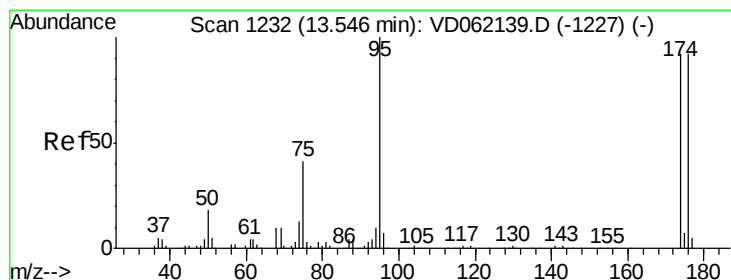
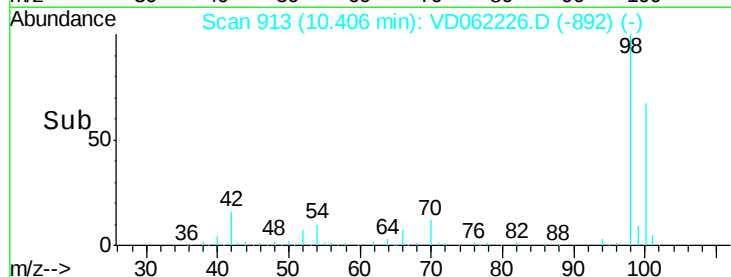
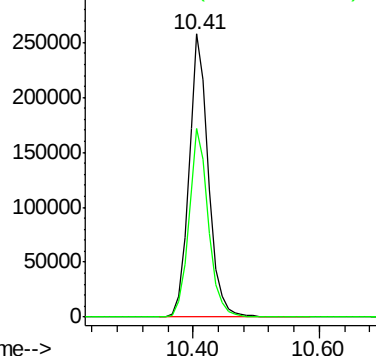
#50
Toluene-d8
Concen: 40.115 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062226.D
Acq: 10 May 2019 20:56

Instrument :
MSVOA_D
ClientSampleId :
P026-SS008-1218-01

Tot Ion: 98 Resp: 555476
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.8

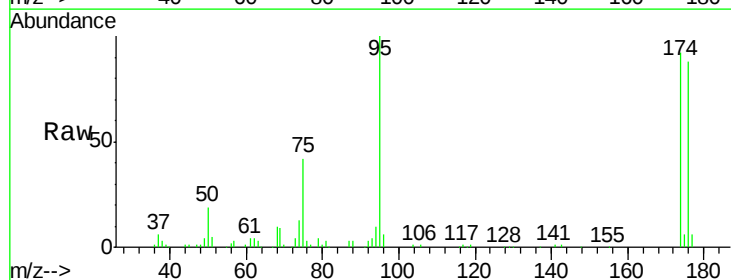


Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

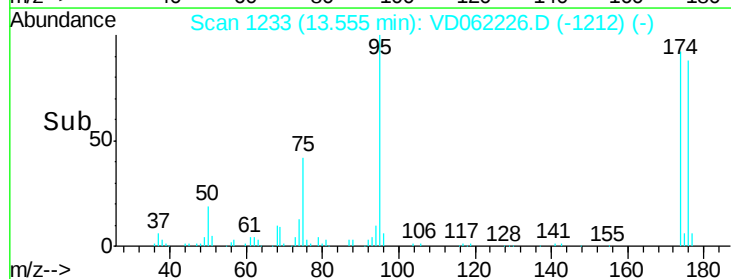
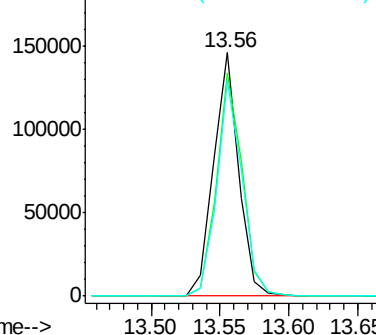


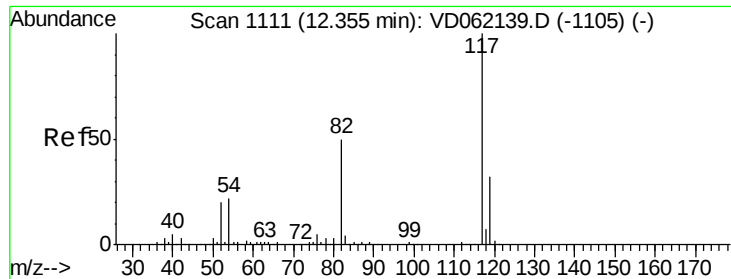
#62
4-Bromofluorobenzene
Concen: 33.337 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062226.D
Acq: 10 May 2019 20:56

Tgt Ion: 95 Resp: 185370
Ion Ratio Lower Upper
95 100
174 91.7 0.0 181.8
176 88.4 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) (-)

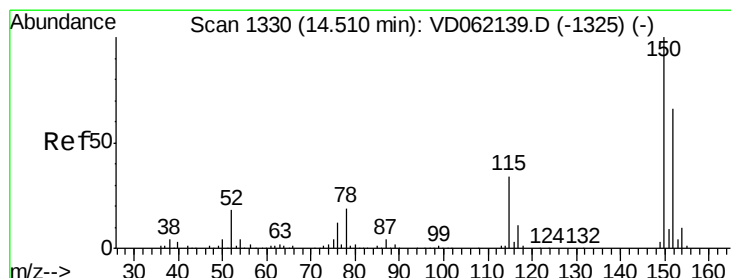
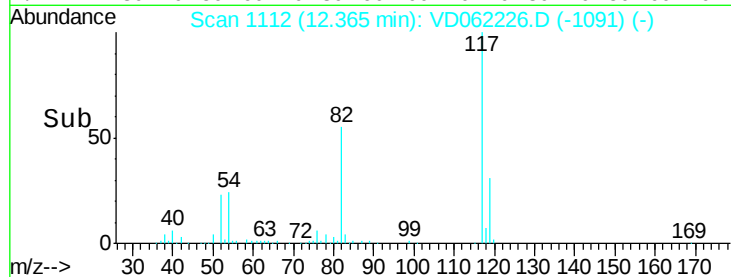
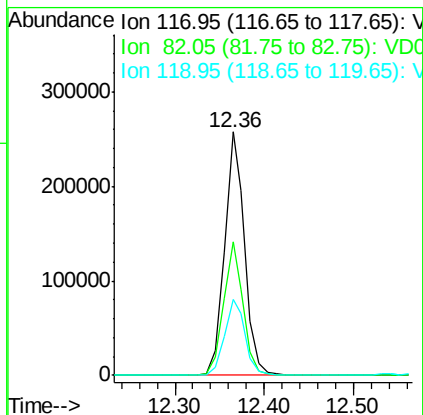
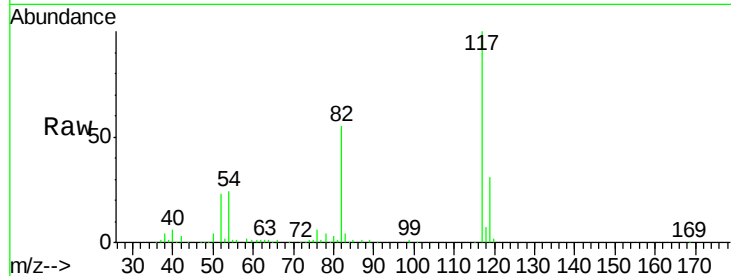




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062226.D
Acq: 10 May 2019 20:56

Instrument :
MSVOA_D
ClientSampleId :
P026-SS008-1218-01

Tot Ion:117 Resp: 407772
Ion Ratio Lower Upper
117 100
82 55.1 36.2 54.2#
119 31.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062226.D
Acq: 10 May 2019 20:56

Tgt Ion:152 Resp: 130632
Ion Ratio Lower Upper
152 100
115 48.8 30.9 92.7
150 150.0 0.0 314.8

