

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\
 Data File : VD062941.D
 Acq On : 27 Jun 2019 19:39
 Operator : VA/AP
 Sample : K3552-06
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 M-3A

Quant Time: Jun 28 05:02:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

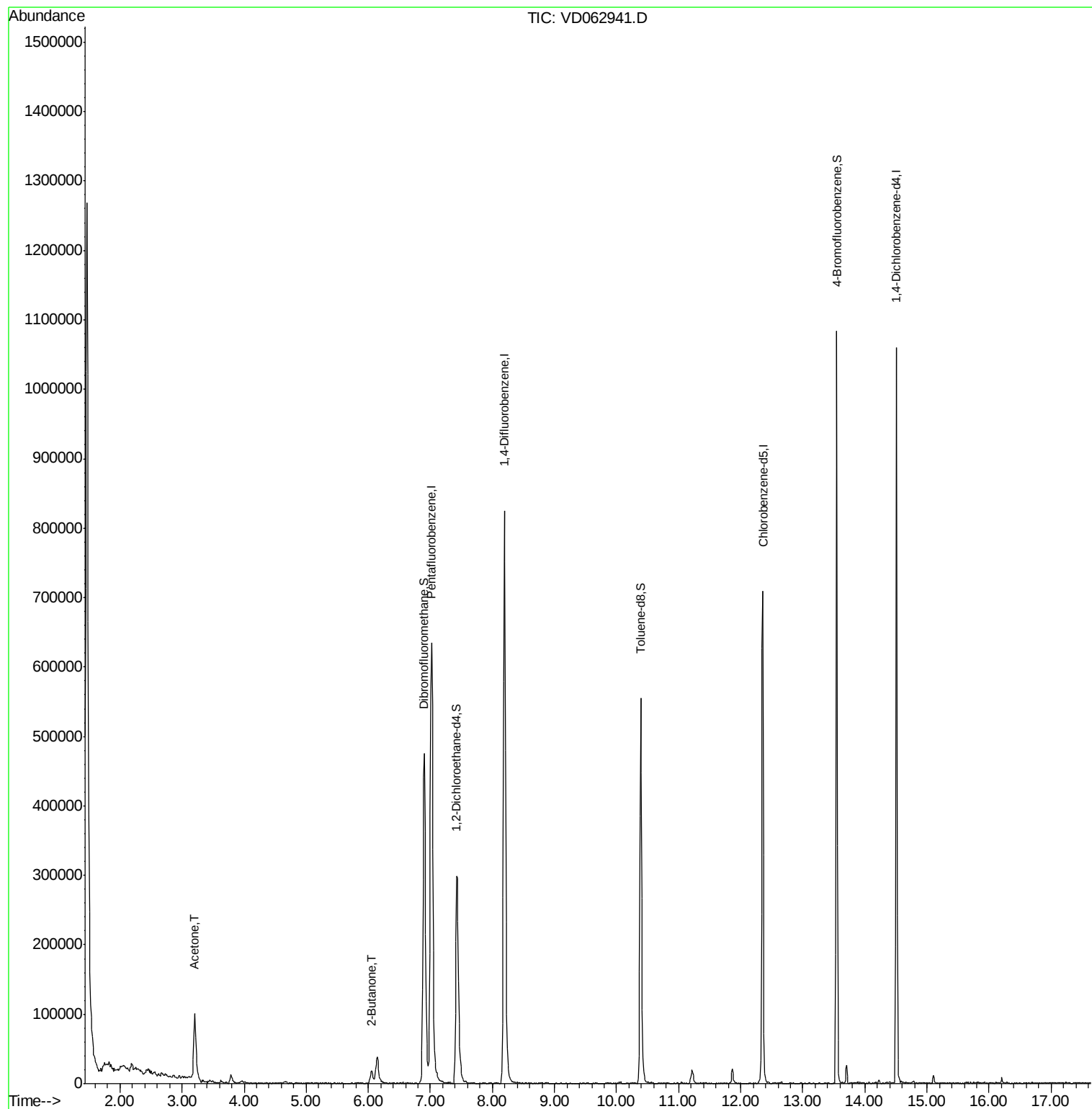
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	622114	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	846230	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	379849	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	253515	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	356117	52.66	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	105.32%	
35) Dibromofluoromethane	6.90	113	409266	57.36	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	114.72%	
50) Toluene-d8	10.39	98	418437	26.94	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	53.88%	
62) 4-Bromofluorobenzene	13.55	95	292770	41.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.92%	
Target Compounds						
16) Acetone	3.20	43	191845	136.727	ug/l	96
25) 2-Butanone	6.06	43	35531	28.093	ug/l	98

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

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Instrument :

MSVOA_D

ClientSampleId :

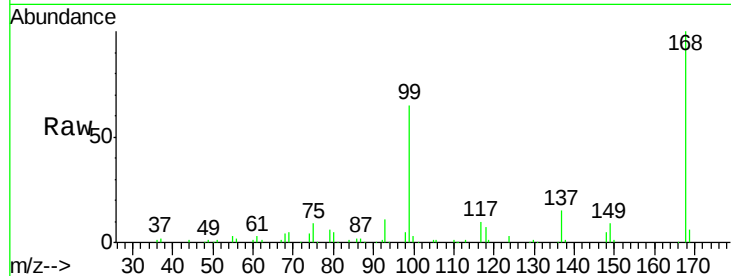
M-3A

Tot Ion:168 Resp: 622114

Ion Ratio Lower Upper

168 100

99 64.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

250000

200000

150000

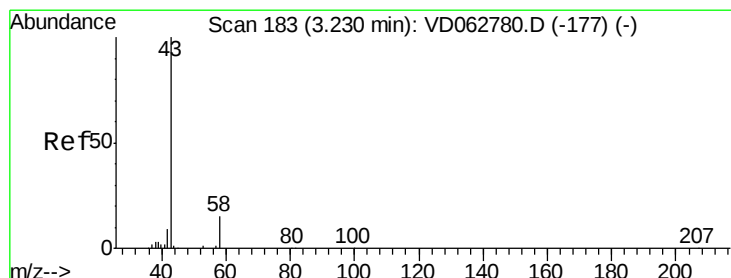
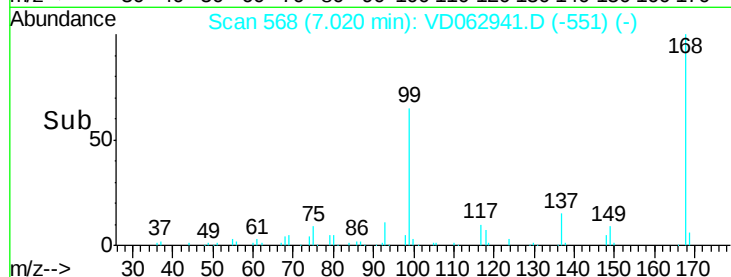
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 136.727 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.03 min

Lab File: VD062941.D

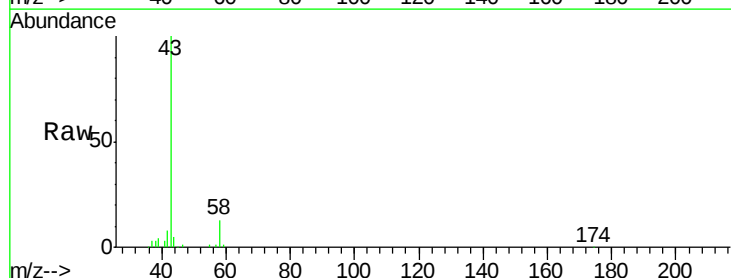
Acq: 27 Jun 2019 19:39

Tgt Ion: 43 Resp: 191845

Ion Ratio Lower Upper

43 100

58 13.1 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

80000

60000

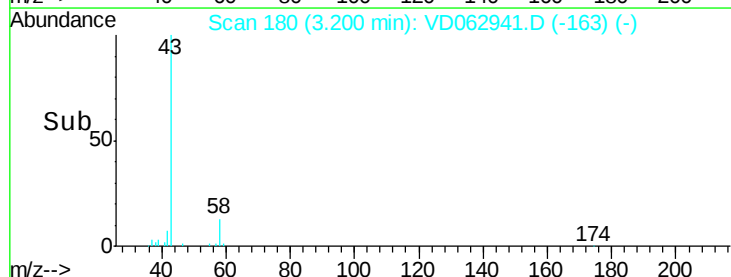
40000

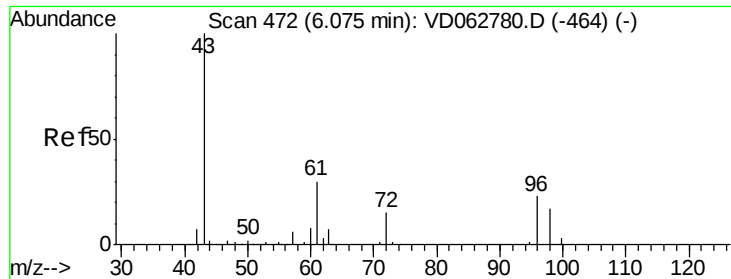
20000

0

3.10 3.20 3.30

Time-->





#25

2-Butanone

Concen: 28.093 ug/l

RT: 6.06 min Scan# 470

Delta R.T. -0.02 min

Lab File: VD062941.D

Acq: 27 Jun 2019 19:39

Instrument :

MSVOA_D

ClientSampleId :

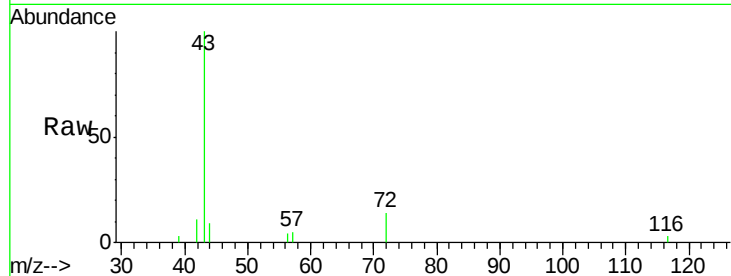
M-3A

Tot Ion: 43 Resp: 35531

Ion Ratio Lower Upper

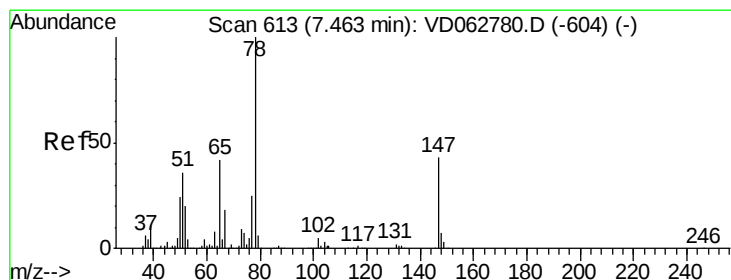
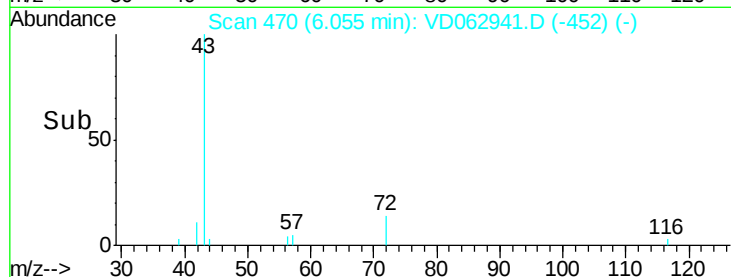
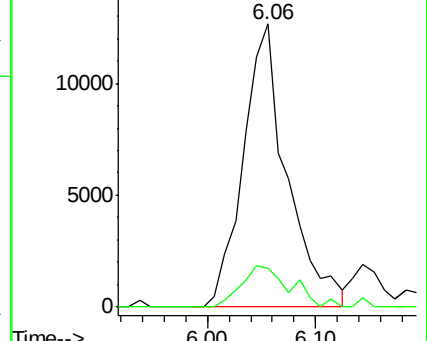
43 100

72 13.9 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 52.662 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062941.D

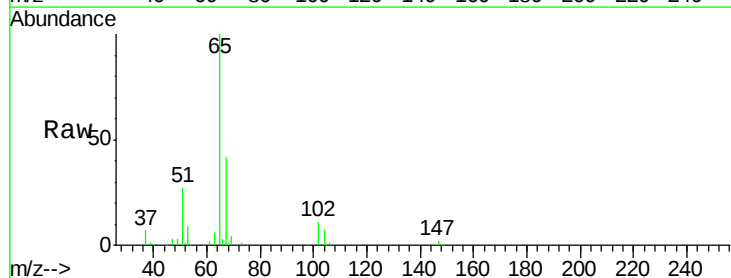
Acq: 27 Jun 2019 19:39

Tgt Ion: 65 Resp: 356117

Ion Ratio Lower Upper

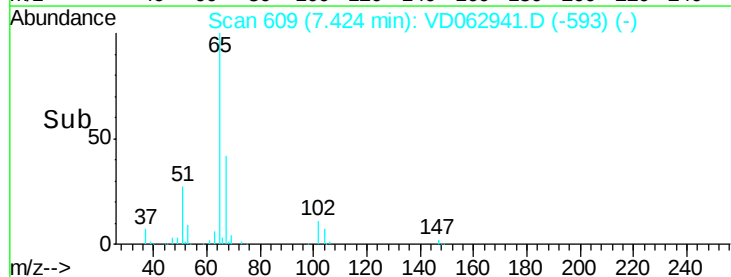
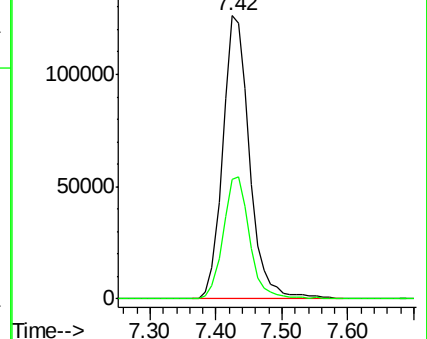
65 100

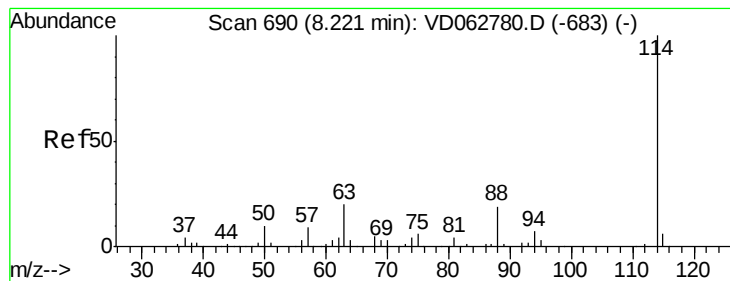
67 42.1 0.0 87.4



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: 8.19 min Scan# 687

Delta R.T. -0.03 min

Lab File: VD062941.D

Acq: 27 Jun 2019 19:39

Instrument :

MSVOA_D

ClientSampleId :

M-3A

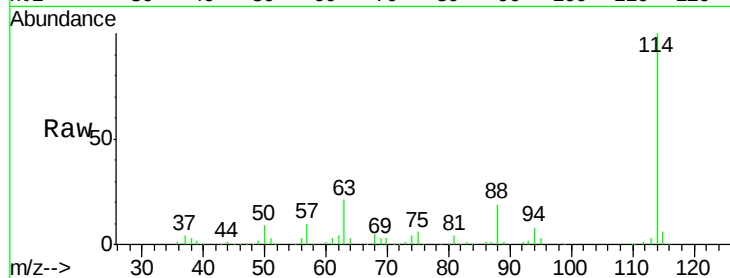
Tot Ion:114 Resp: 846230

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

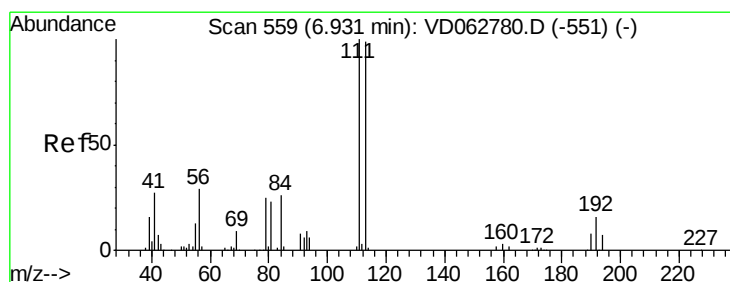
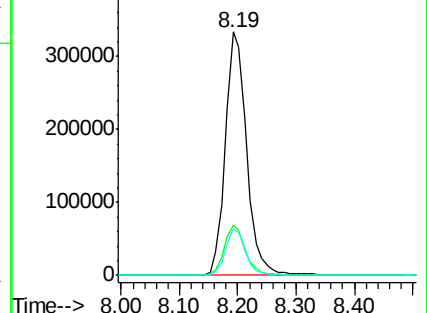
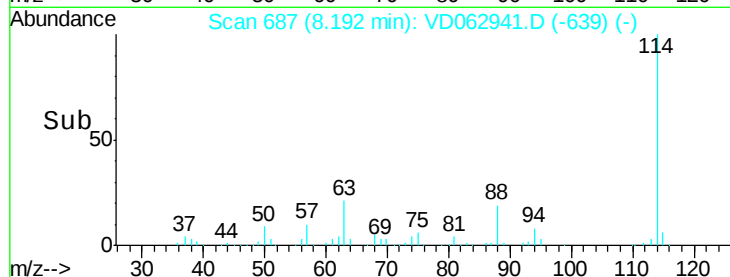
88 18.9 0.0 38.8



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: 57.357 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD062941.D

Acq: 27 Jun 2019 19:39

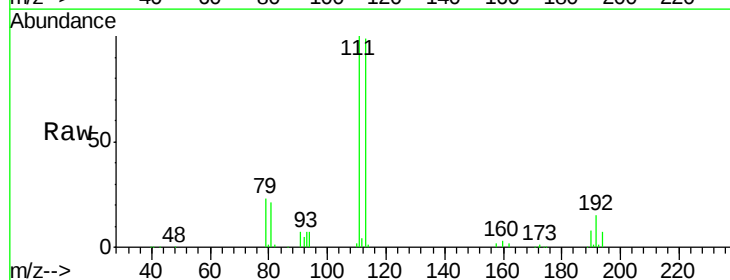
Tgt Ion:113 Resp: 409266

Ion Ratio Lower Upper

113 100

111 100.6 81.2 121.8

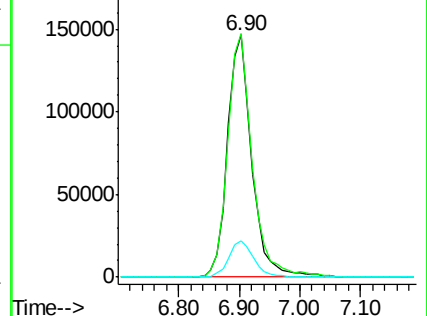
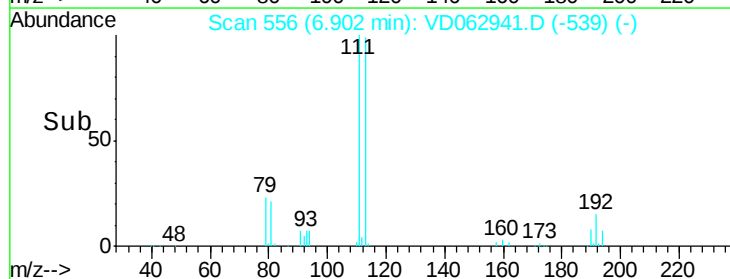
192 14.8 12.9 19.3

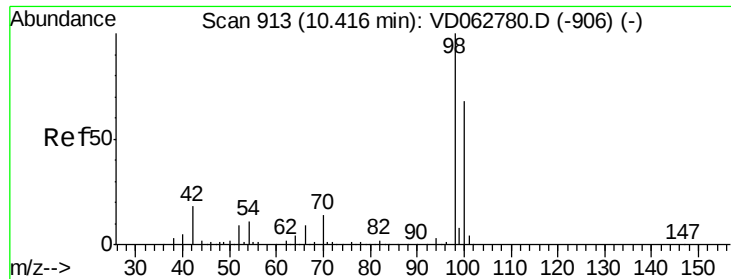


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

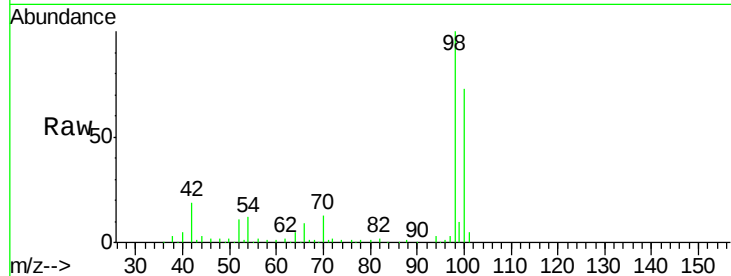




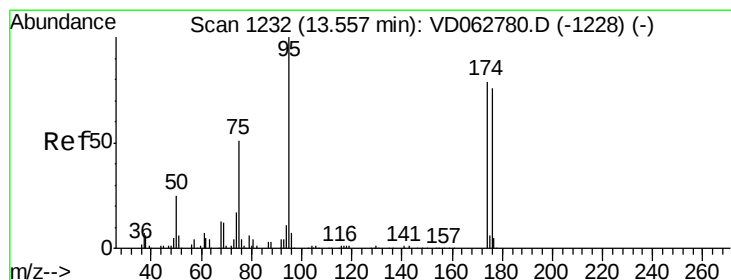
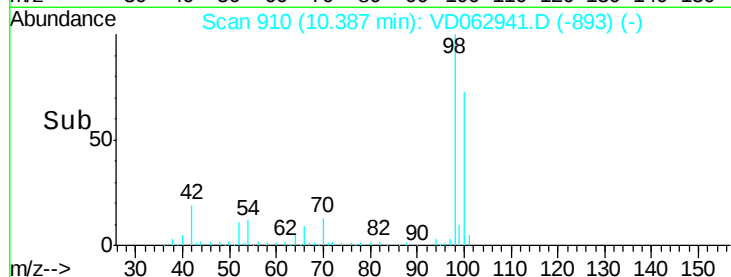
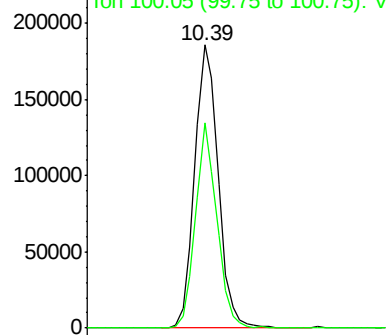
#50
Toluene-d8
Concen: 26.944 ug/l
RT: 10.39 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062941.D
Acq: 27 Jun 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
M-3A

Tot Ion: 98 Resp: 418437
Ion Ratio Lower Upper
98 100
100 72.6 54.7 82.1

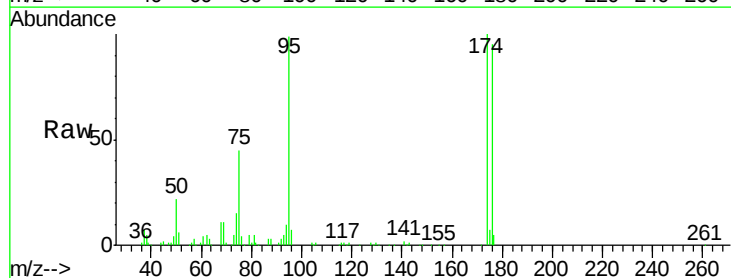


Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD062941.D (-893) (-)

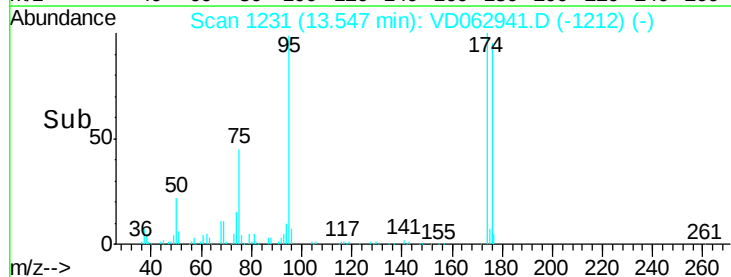
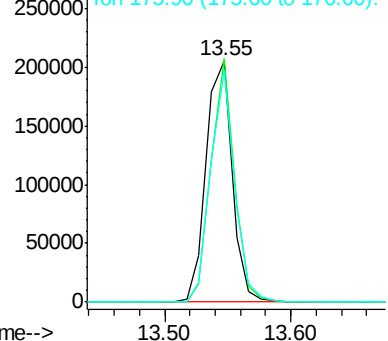


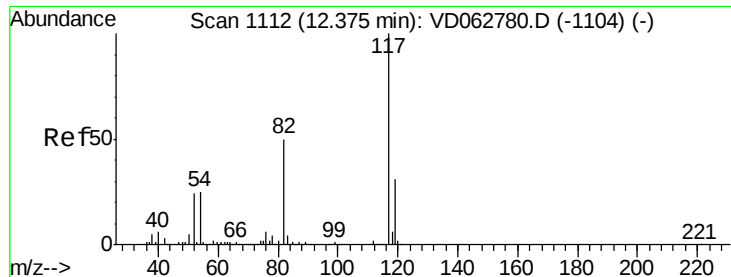
#62
4-Bromofluorobenzene
Concen: 41.460 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062941.D
Acq: 27 Jun 2019 19:39

Tgt Ion: 95 Resp: 292770
Ion Ratio Lower Upper
95 100
174 100.9 0.0 158.0
176 96.4 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD062941.D (-1212) (-)
Ion 175.90 (175.60 to 176.60): VD062941.D (-1212) (-)

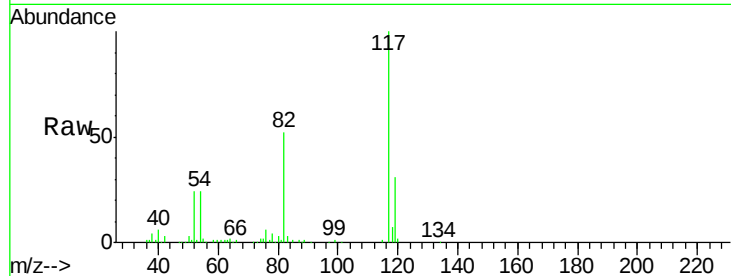




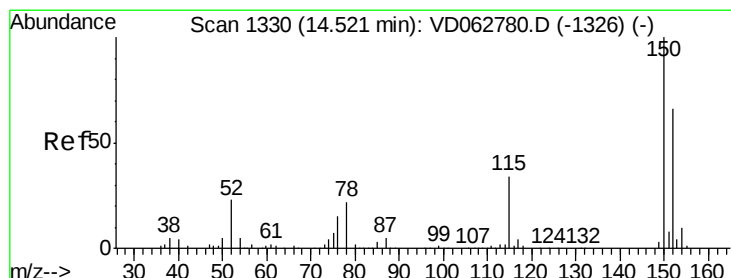
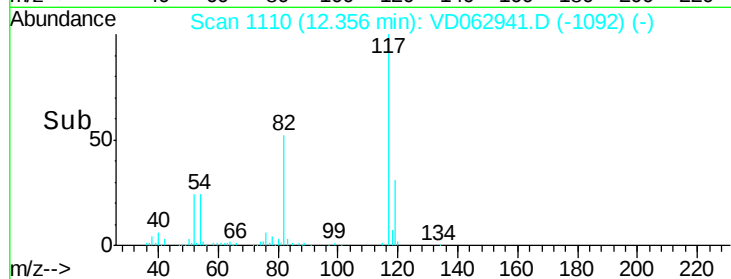
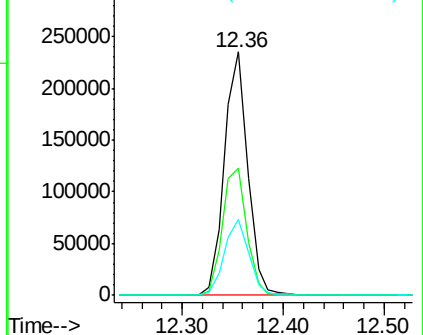
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062941.D
Acq: 27 Jun 2019 19:39

Instrument :
MSVOA_D
ClientSampleId :
M-3A

Tot Ion:117 Resp: 379849
Ion Ratio Lower Upper
117 100
82 52.3 40.4 60.6
119 31.4 25.2 37.8

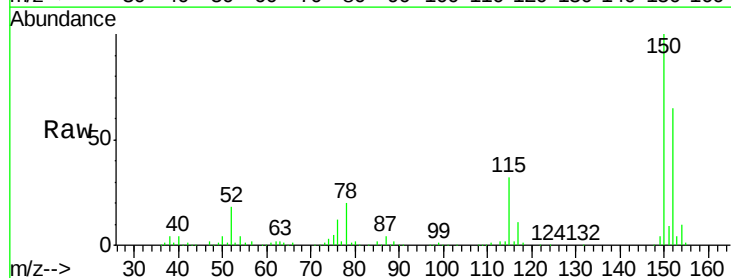


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062941.D
Acq: 27 Jun 2019 19:39

Tgt Ion:152 Resp: 253515
Ion Ratio Lower Upper
152 100
115 48.8 29.2 87.6
150 152.8 0.0 305.8



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

