

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\
 Data File : VD062440.D
 Acq On : 17 May 2019 15:39
 Operator : FY/SY
 Sample : K2648-01
 Misc : 6.06g/5mL/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-051619

Quant Time: May 18 00:15:18 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

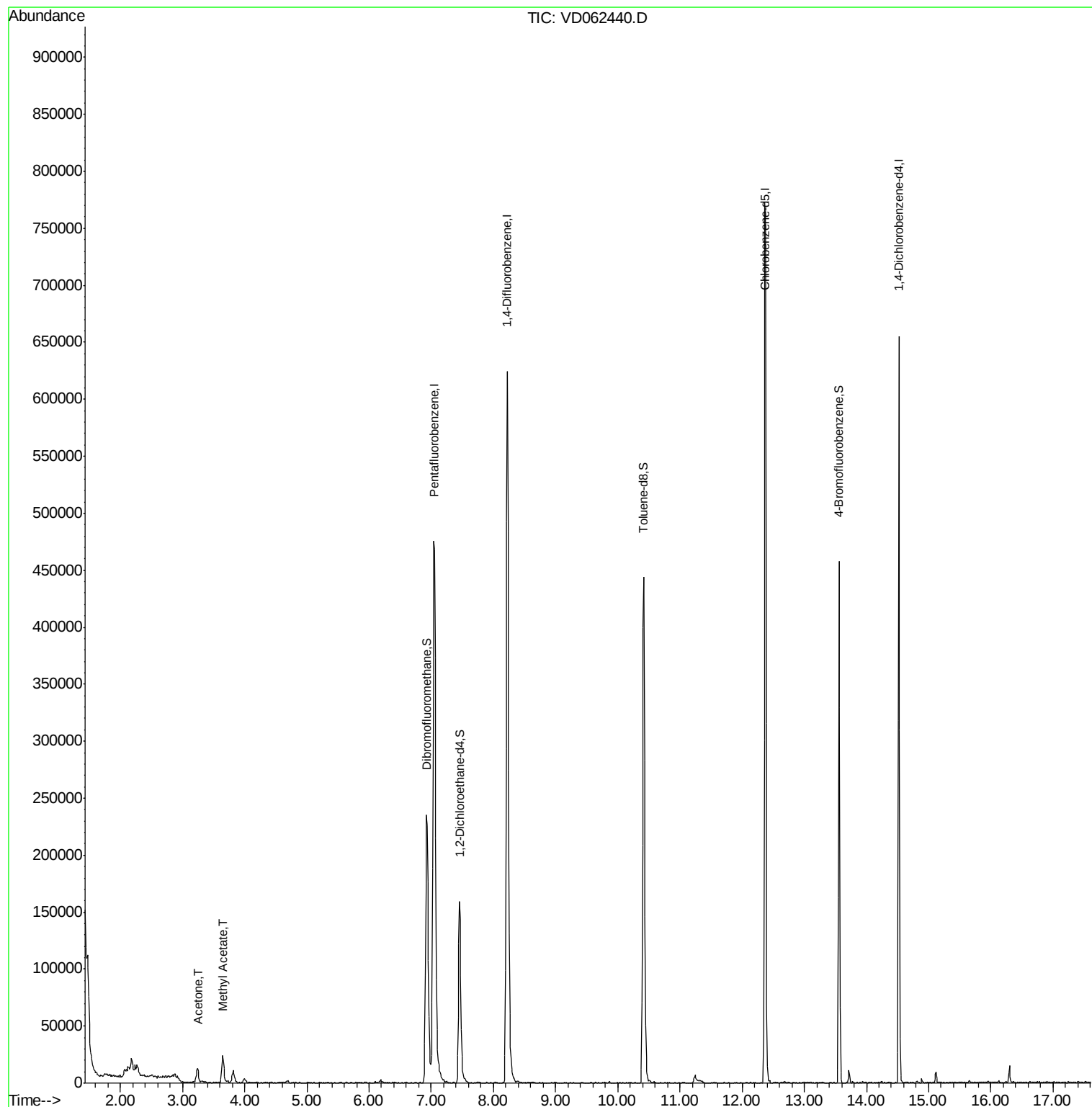
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	475020	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	647120	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	446102	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	134011	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	180438	40.87	ug/l	0.03
Spiked Amount 50.000			Recovery	=	81.74%	
35) Dibromofluoromethane	6.92	113	223112	41.55	ug/l	0.03
Spiked Amount 50.000			Recovery	=	83.10%	
50) Toluene-d8	10.42	98	363063	28.05	ug/l	0.02
Spiked Amount 50.000			Recovery	=	56.10%	
62) 4-Bromofluorobenzene	13.56	95	126491	24.33	ug/l	0.01
Spiked Amount 50.000			Recovery	=	48.66%	
Target Compounds						
16) Acetone	3.23	43	18894	20.409	ug/l #	86
18) Methyl Acetate	3.65	43	40297	24.182	ug/l #	90

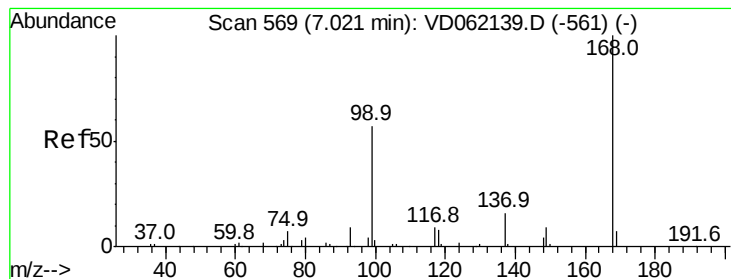
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062440.D

Acq: 17 May 2019 15:39

Instrument :

MSVOA_D

ClientSampleId :

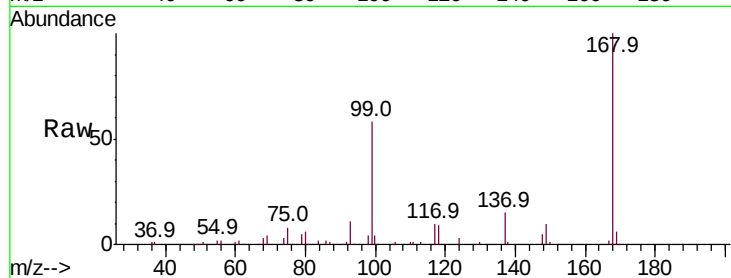
TR-05-051619

Tot Ion:168 Resp: 475020

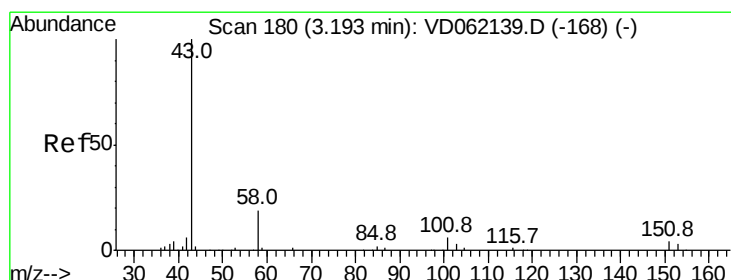
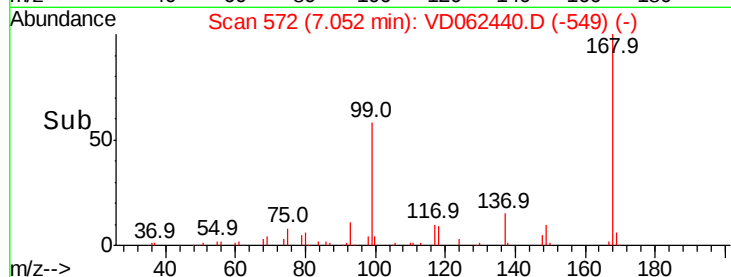
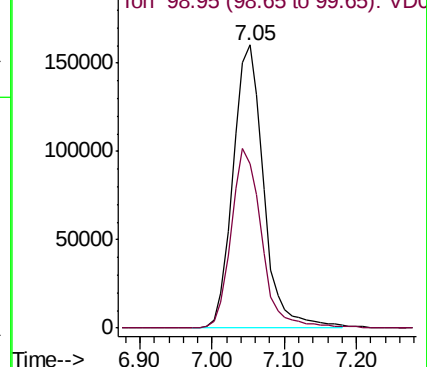
Ion Ratio Lower Upper

168 100

99 58.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 20.409 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062440.D

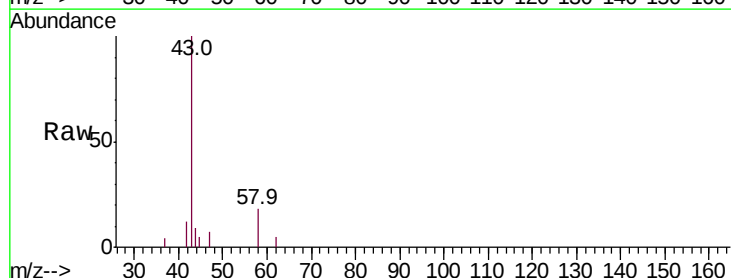
Acq: 17 May 2019 15:39

Tgt Ion: 43 Resp: 18894

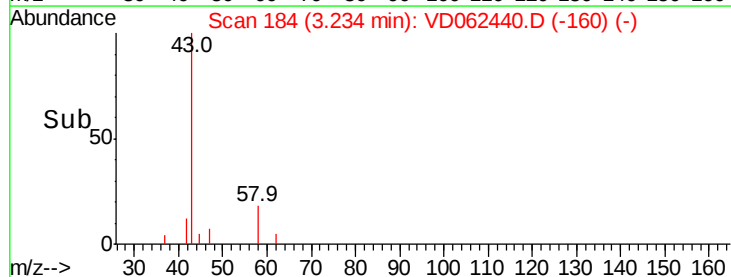
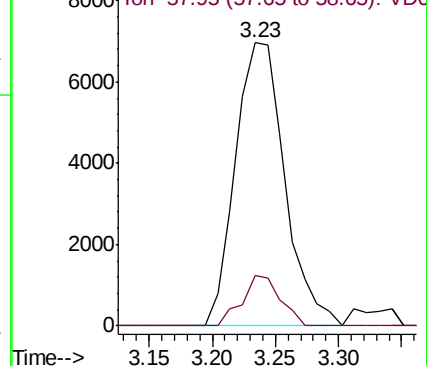
Ion Ratio Lower Upper

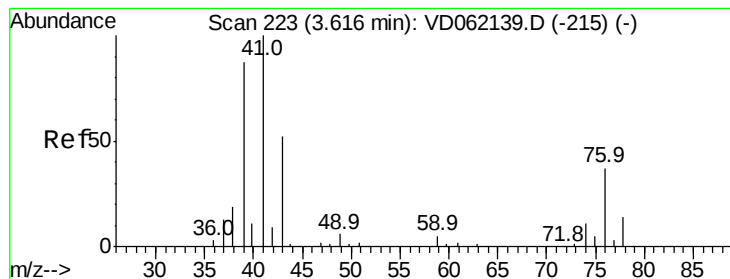
43 100

58 17.7 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC





#18

Methyl Acetate

Concen: 24.182 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.03 min

Lab File: VD062440.D

Acq: 17 May 2019 15:39

Instrument :

MSVOA_D

ClientSampleId :

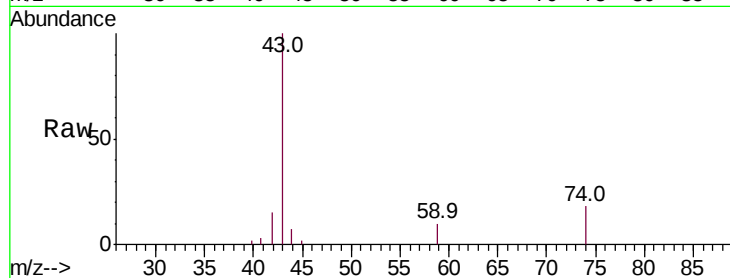
TR-05-051619

Tot Ion: 43 Resp: 40297

Ion Ratio Lower Upper

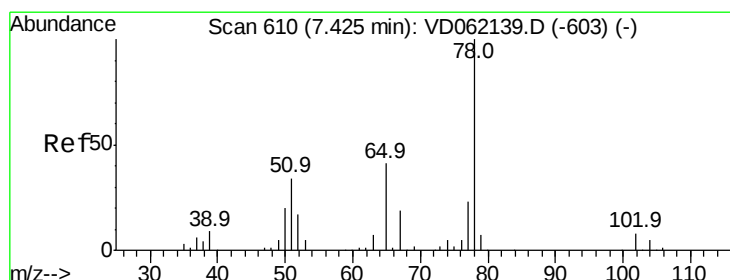
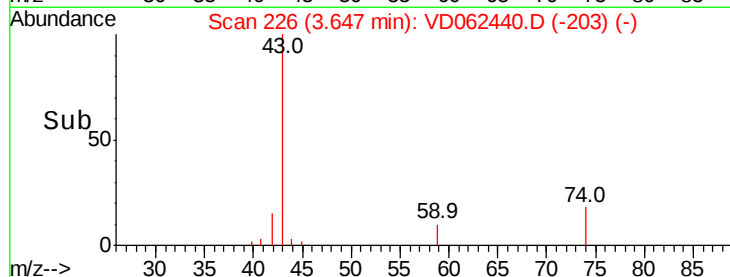
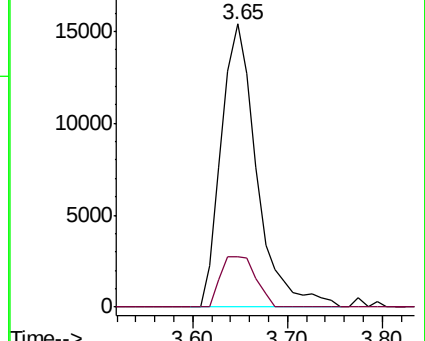
43 100

74 17.8 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 40.875 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062440.D

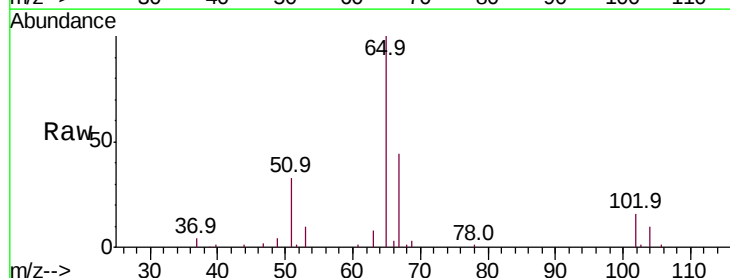
Acq: 17 May 2019 15:39

Tgt Ion: 65 Resp: 180438

Ion Ratio Lower Upper

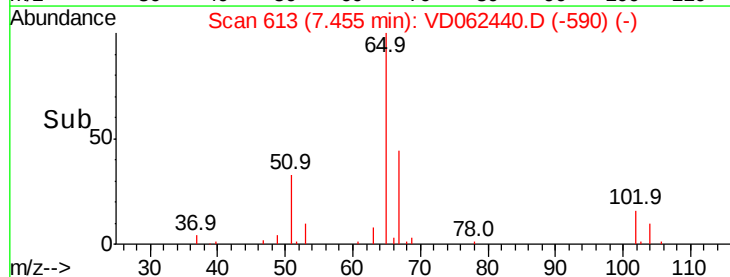
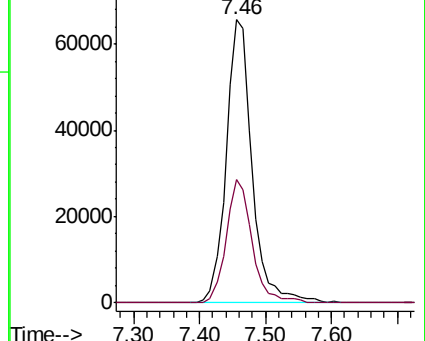
65 100

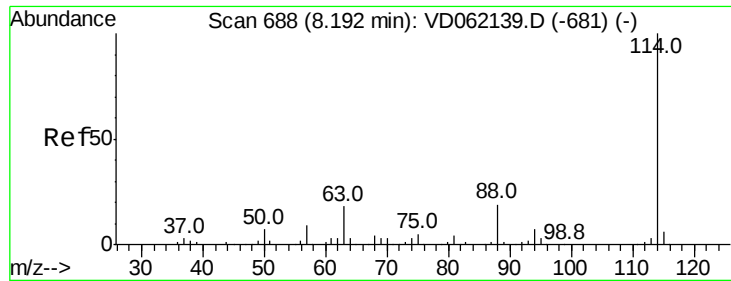
67 43.7 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

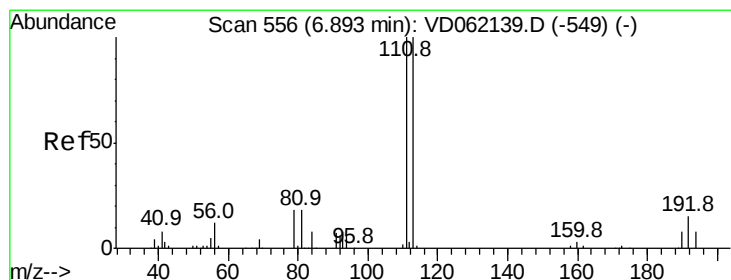
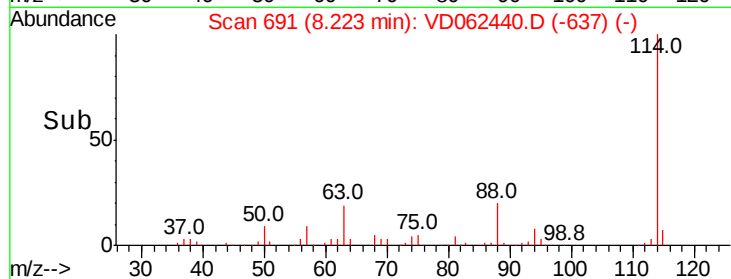
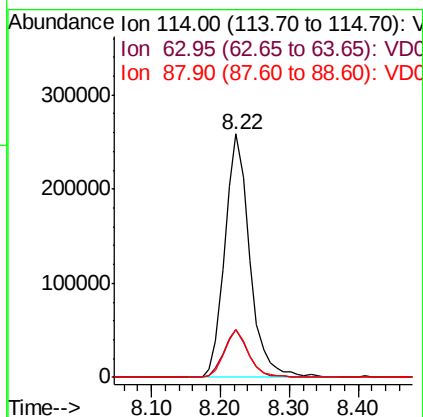
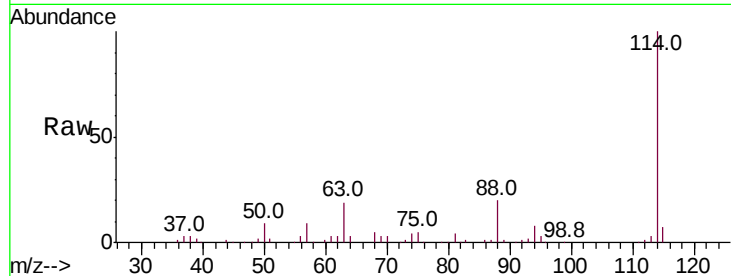




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062440.D
 Acq: 17 May 2019 15:39

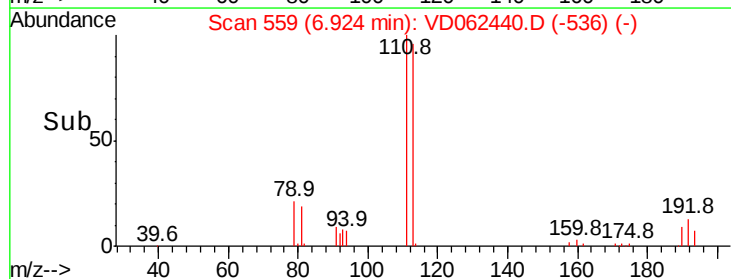
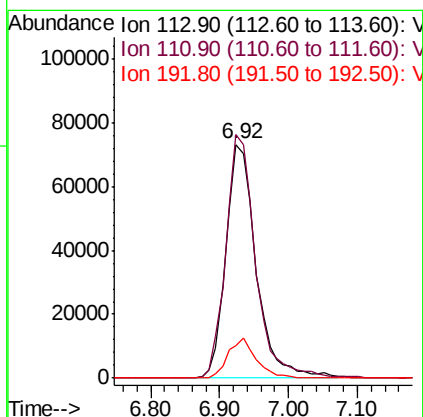
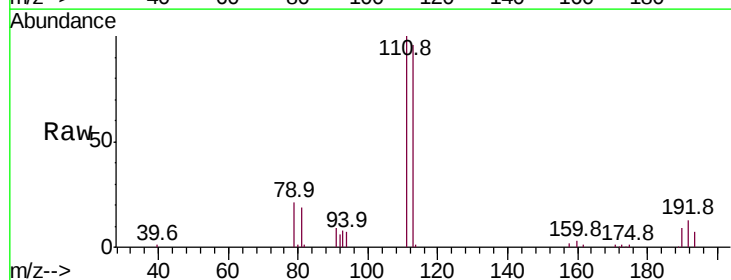
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-051619

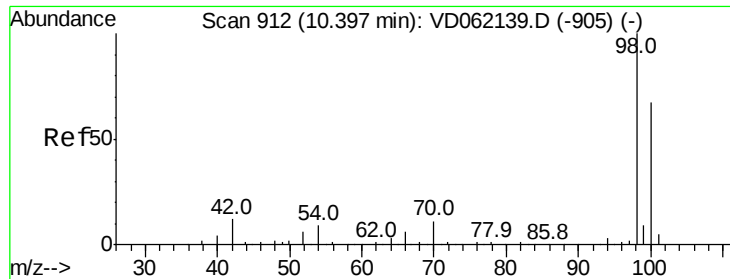
Tot Ion:114 Resp: 647120
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 32.4
 88 19.8 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 41.554 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062440.D
 Acq: 17 May 2019 15:39

Tgt Ion:113 Resp: 223112
 Ion Ratio Lower Upper
 113 100
 111 104.2 78.5 117.7
 192 13.7 13.0 19.4





#50

Toluene-d8

Concen: 28.045 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062440.D

Acq: 17 May 2019 15:39

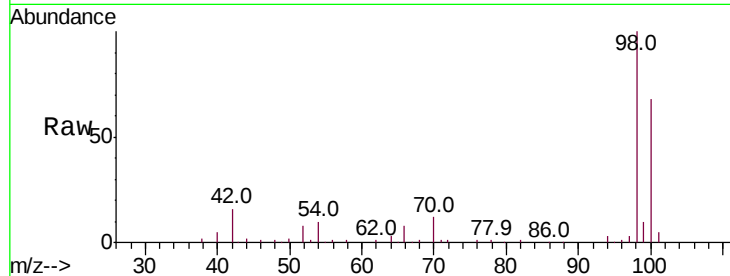
Instrument :
MSVOA_D
ClientSampleId :
TR-05-051619

Tot Ion: 98 Resp: 363063

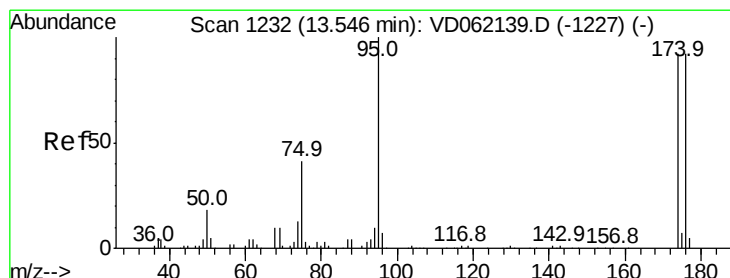
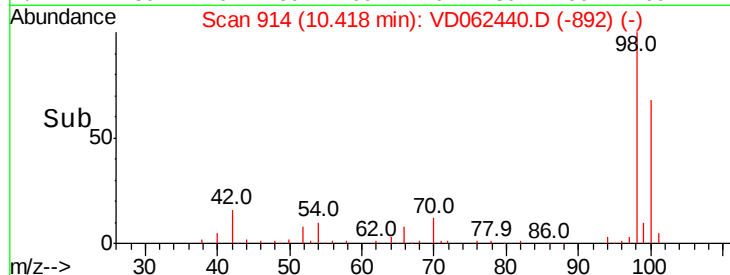
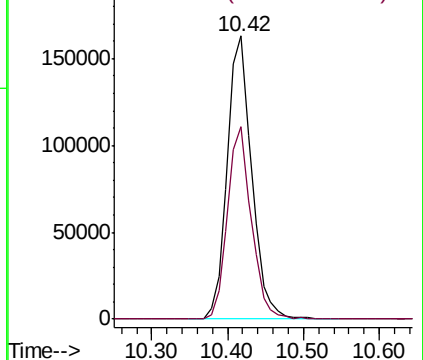
Ion Ratio Lower Upper

98 100

100 67.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 24.332 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062440.D

Acq: 17 May 2019 15:39

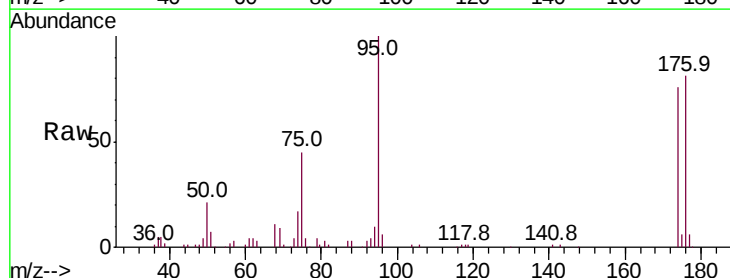
Tgt Ion: 95 Resp: 126491

Ion Ratio Lower Upper

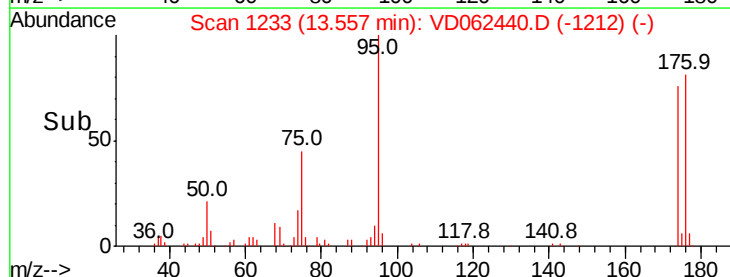
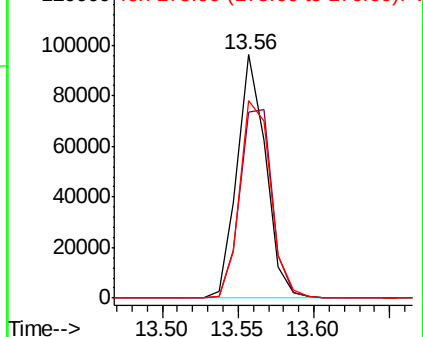
95 100

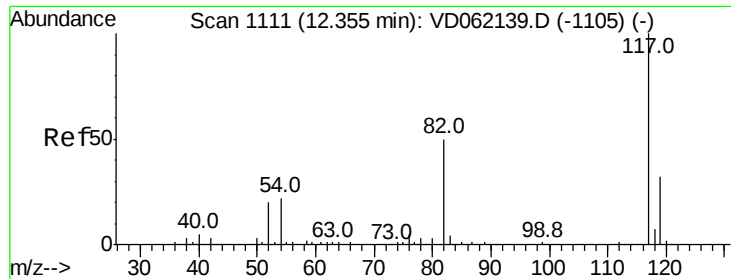
174 76.3 0.0 181.8

176 80.9 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

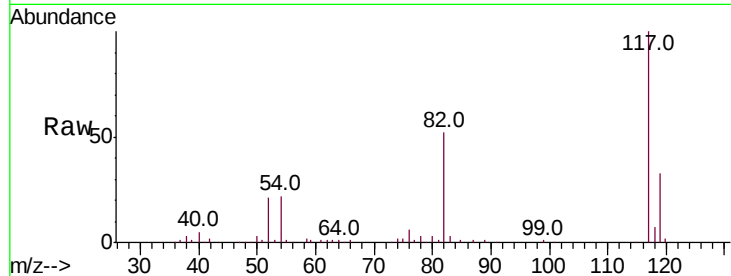




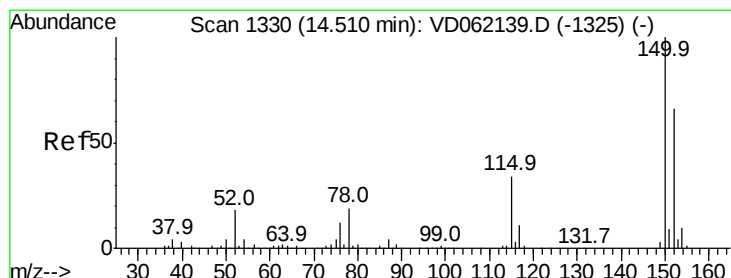
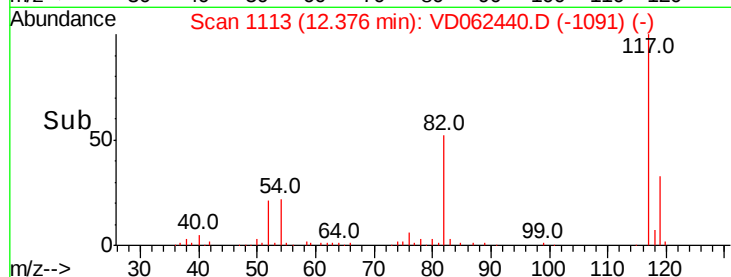
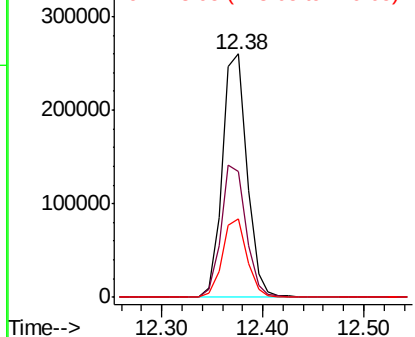
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062440.D
Acq: 17 May 2019 15:39

Instrument :
MSVOA_D
ClientSampleId :
TR-05-051619

Tot Ion:117 Resp: 446102
Ion Ratio Lower Upper
117 100
82 51.9 36.2 54.2
119 32.5 26.2 39.4

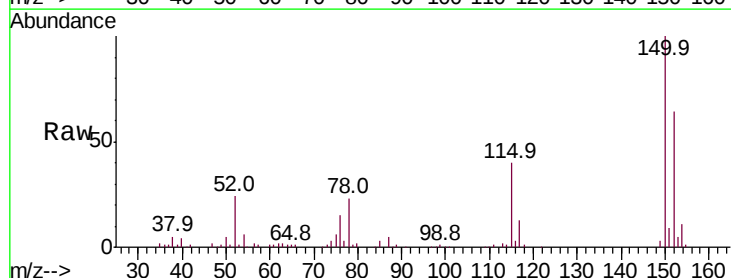


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062440.D
Acq: 17 May 2019 15:39

Tgt Ion:152 Resp: 134011
Ion Ratio Lower Upper
152 100
115 62.9 30.9 92.7
150 155.4 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

