

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071719\
 Data File : VD063128.D
 Acq On : 17 Jul 2019 13:43
 Operator : VA/AP
 Sample : K3627-03RE
 Misc : 3.61g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-071519RE

Quant Time: Jul 18 07:22:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

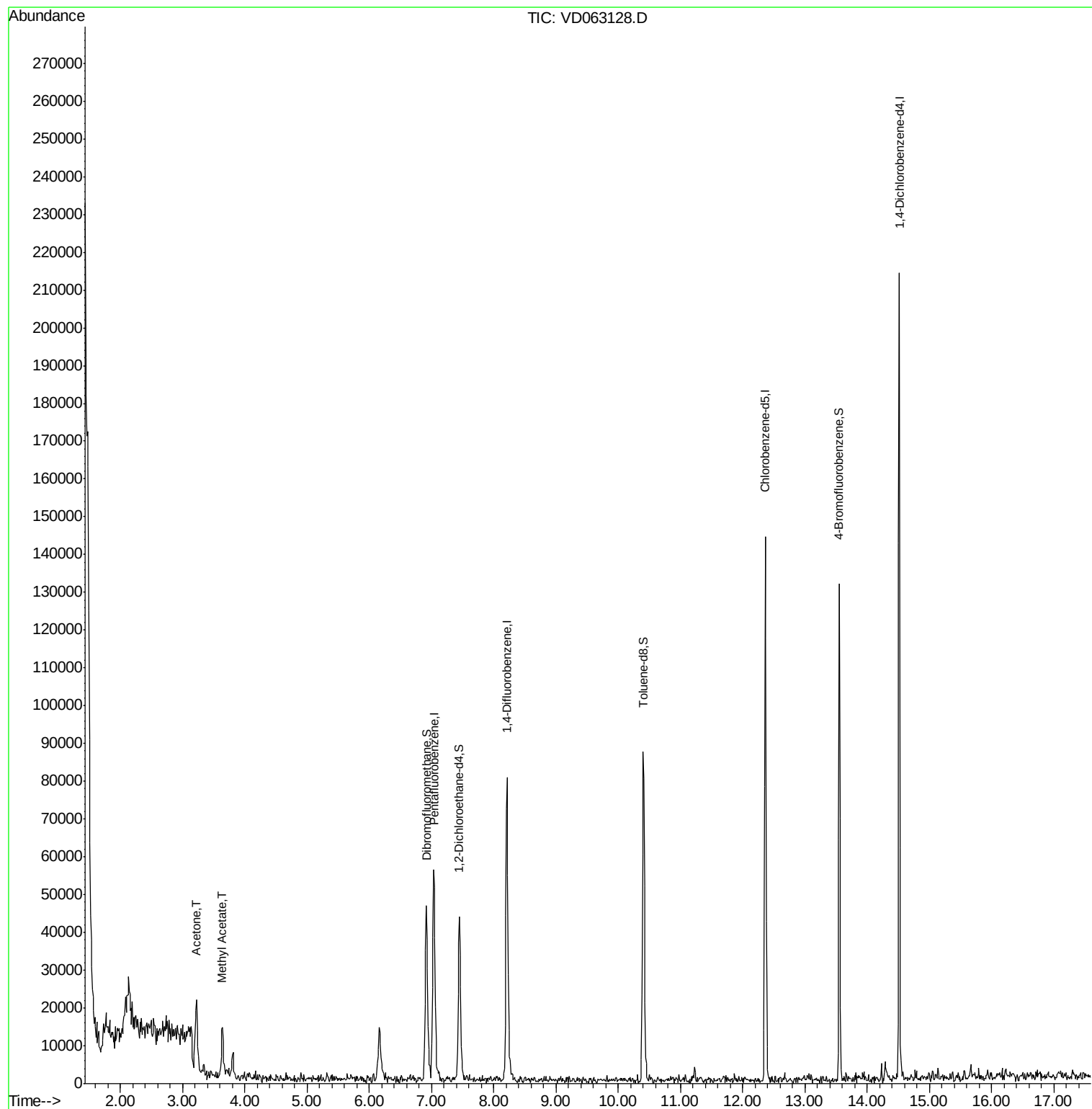
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	54170	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	87671	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	78368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	42640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	46794	69.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.70%	
35) Dibromofluoromethane	6.92	113	38910	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
50) Toluene-d8	10.40	98	71966	38.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.74%	
62) 4-Bromofluorobenzene	13.55	95	33429	38.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.04%	
Target Compounds						
16) Acetone	3.23	43	34613	212.374	ug/l	96
18) Methyl Acetate	3.63	43	21799	95.470	ug/l #	88

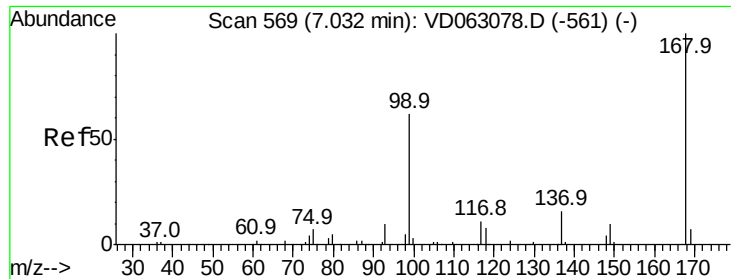
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063128.D

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Instrument :

MSVOA_D

ClientSampleId :

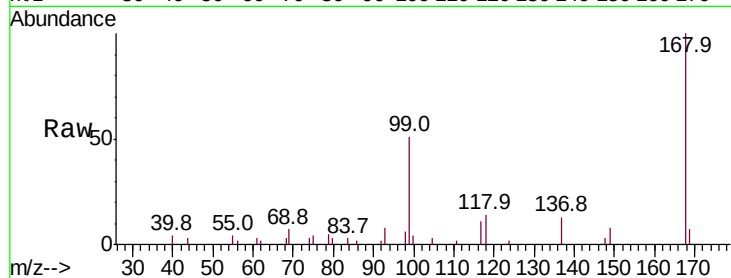
TR-04-071519RE

Tot Ion:168 Resp: 54170

Ion Ratio Lower Upper

168 100

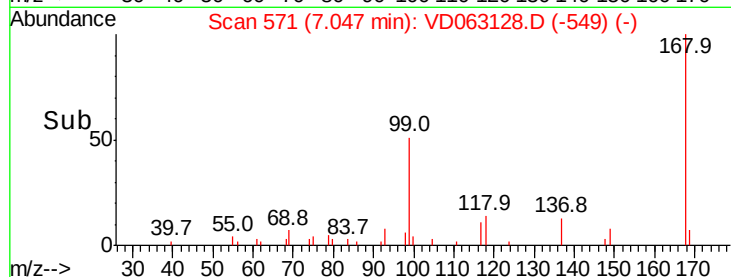
99 51.0 50.8 76.2



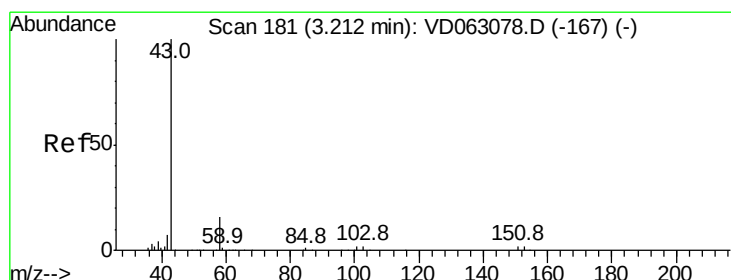
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05



Time-->



#16

Acetone

Concen: 212.374 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063128.D

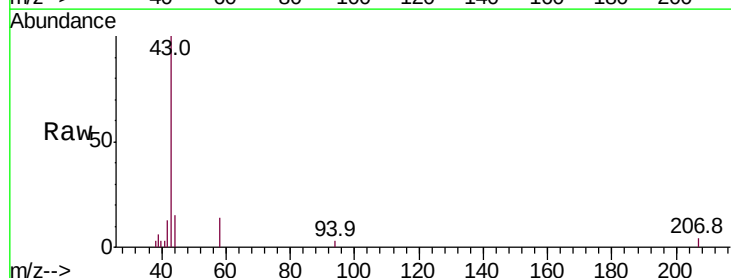
Acq: 17 Jul 2019 13:43

Tgt Ion: 43 Resp: 34613

Ion Ratio Lower Upper

43 100

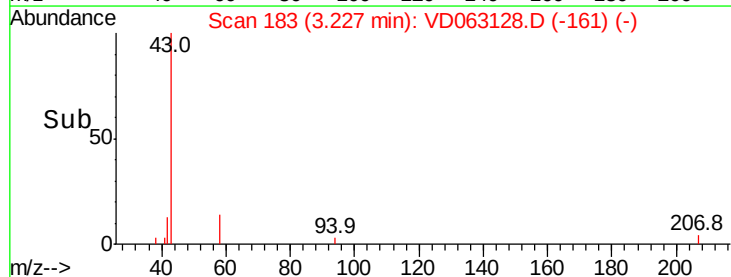
58 14.3 13.0 19.4



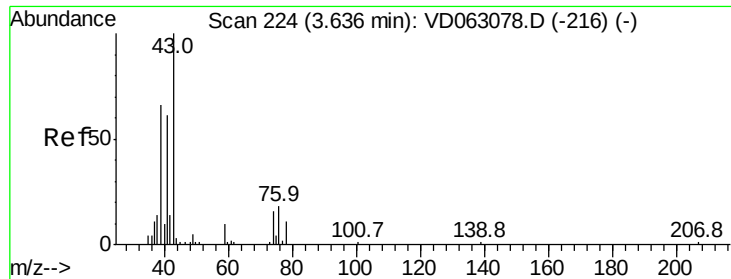
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23



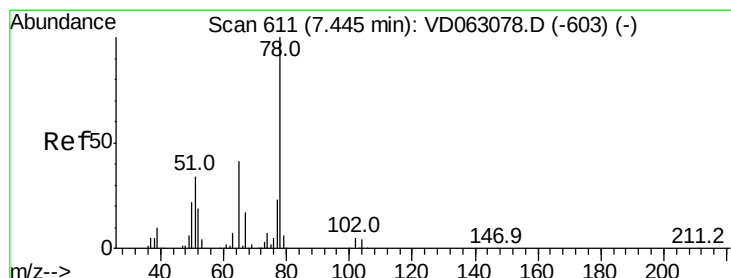
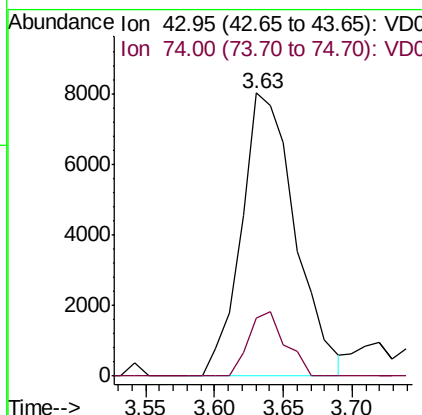
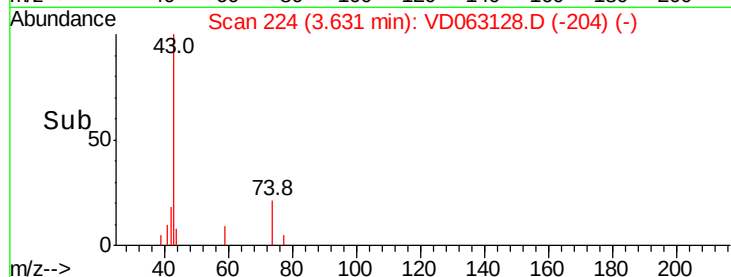
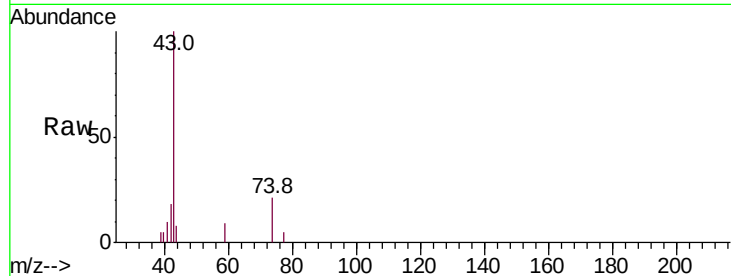
Time-->



#18
Methvl Acetate
Concen: 95.470 ug/l
RT: 3.63 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD063128.D
Acq: 17 Jul 2019 13:43

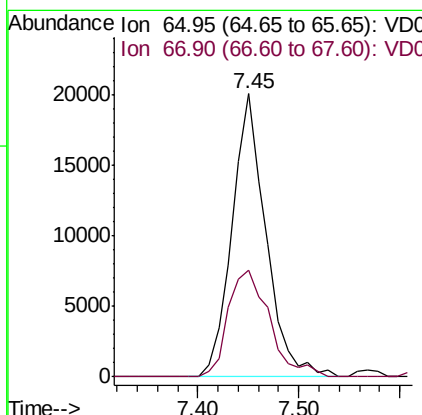
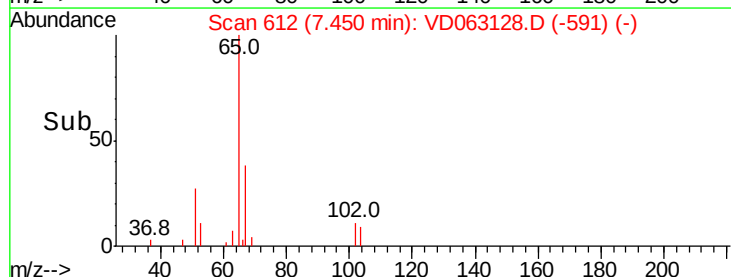
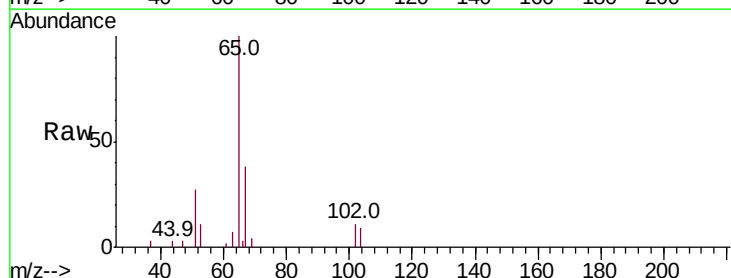
Instrument :
MSVOA_D
ClientSampleId :
TR-04-071519RE

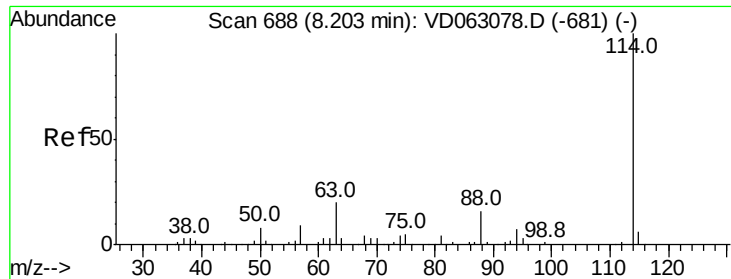
Tot Ion: 43 Resp: 21799
Ion Ratio Lower Upper
43 100
74 20.6 12.5 18.7#



#33
1,2-Dichloroethane-d4
Concen: 69.346 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.00 min
Lab File: VD063128.D
Acq: 17 Jul 2019 13:43

Tgt Ion: 65 Resp: 46794
Ion Ratio Lower Upper
65 100
67 37.7 0.0 86.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063128.D

Acq: 17 Jul 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

TR-04-071519RE

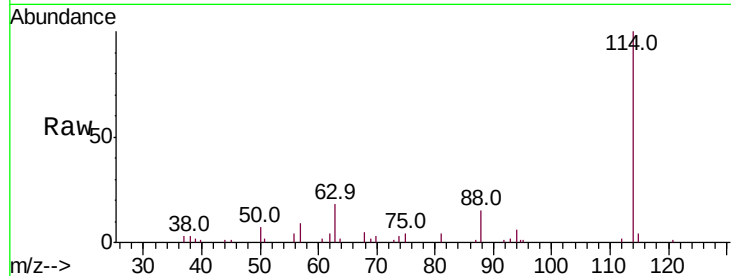
Tot Ion:114 Resp: 87671

Ion Ratio Lower Upper

114 100

63 18.2 0.0 40.6

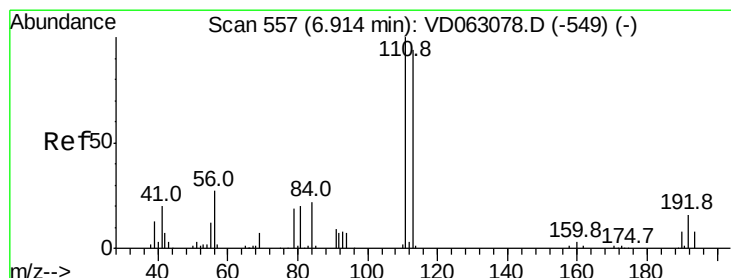
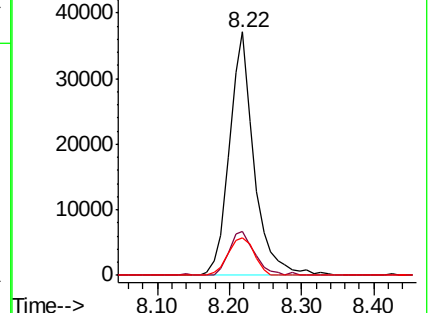
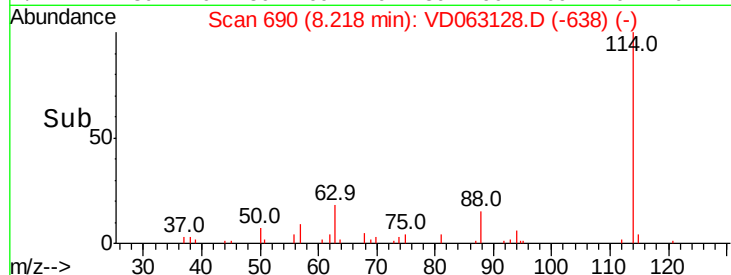
88 15.5 0.0 32.6



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: 44.559 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD063128.D

Acq: 17 Jul 2019 13:43

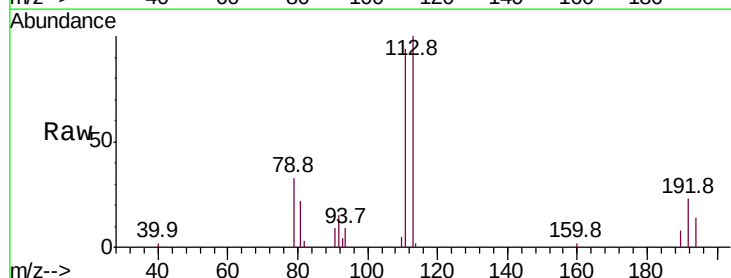
Tgt Ion:113 Resp: 38910

Ion Ratio Lower Upper

113 100

111 94.0 84.8 127.2

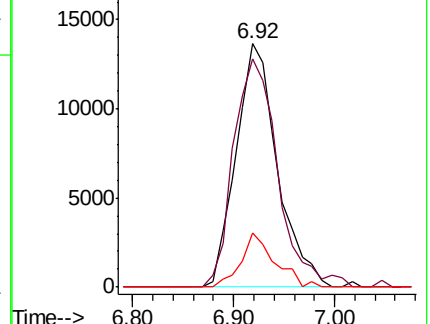
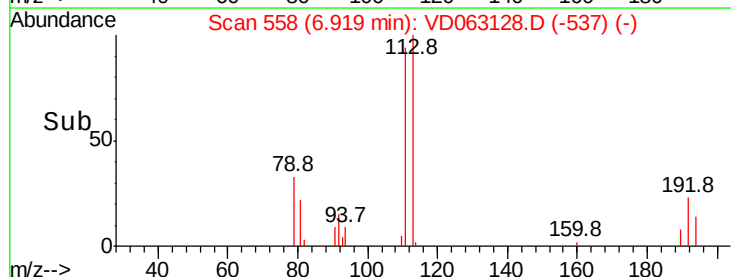
192 22.5 13.4 20.0#

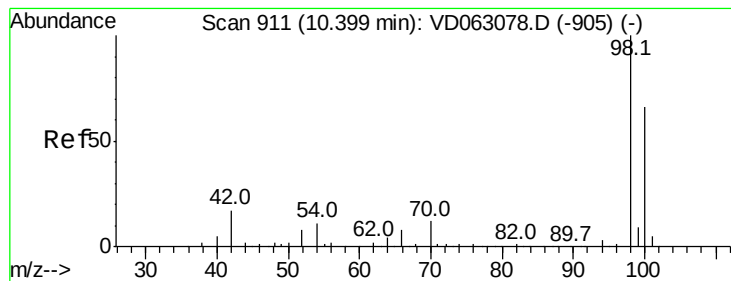


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 38.368 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063128.D

Acq: 17 Jul 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

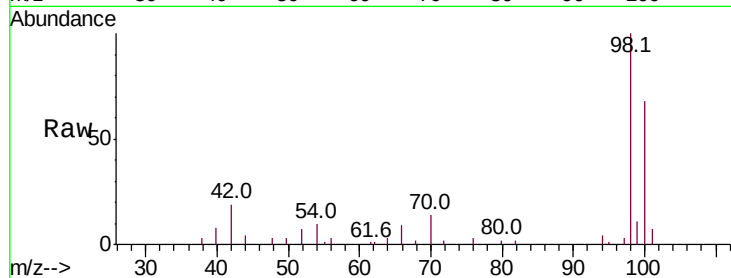
TR-04-071519RE

Tot Ion: 98 Resp: 71966

Ion Ratio Lower Upper

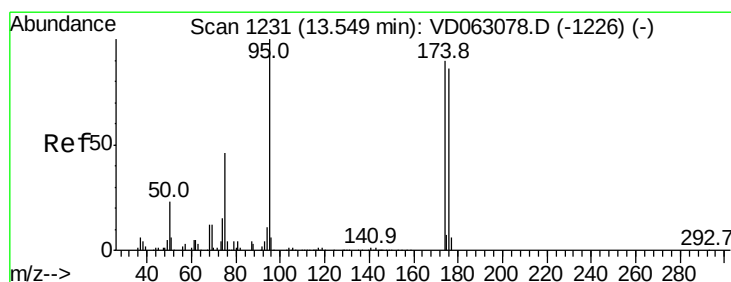
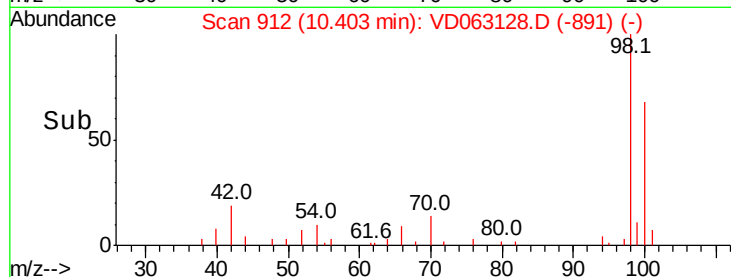
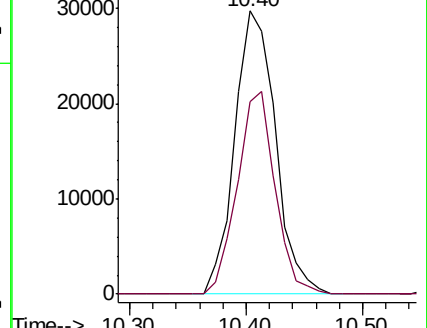
98 100

100 68.0 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VD063078.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD063078.D (-905) (-)



#62

4-Bromofluorobenzene

Concen: 38.523 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063128.D

Acq: 17 Jul 2019 13:43

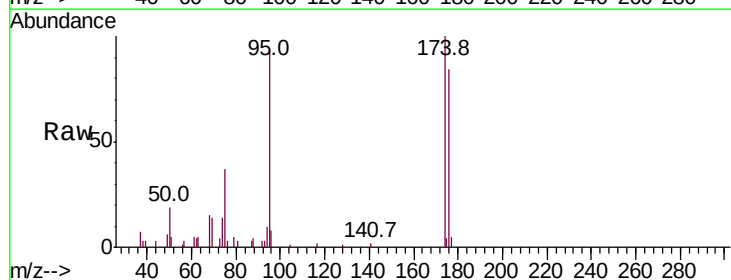
Tgt Ion: 95 Resp: 33429

Ion Ratio Lower Upper

95 100

174 107.0 0.0 180.6

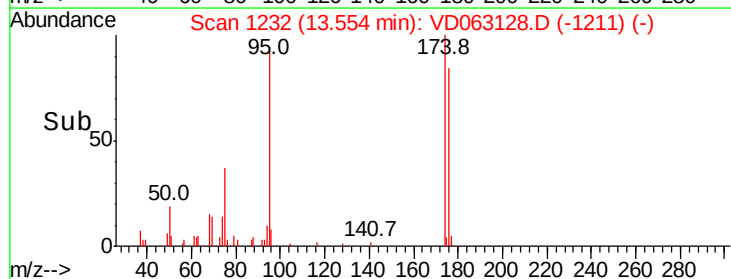
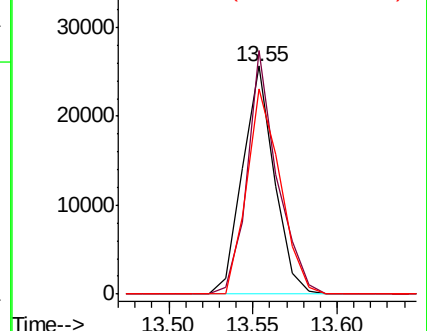
176 90.3 0.0 172.2

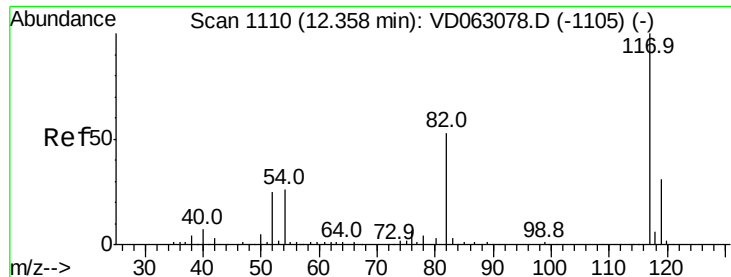


Abundance Ion 95.00 (94.70 to 95.70): VD063078.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD063078.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD063078.D (-1226) (-)

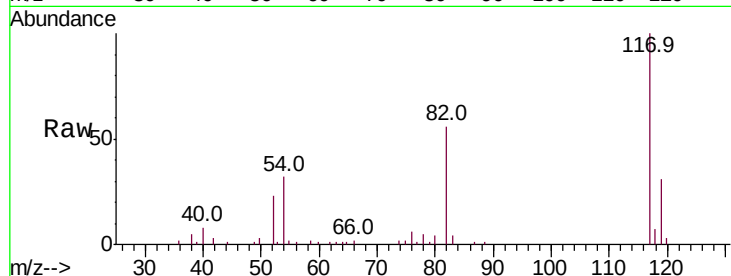




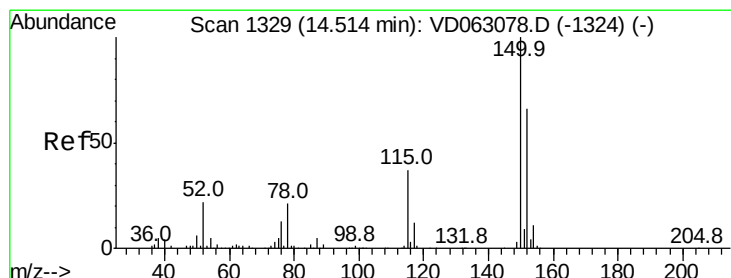
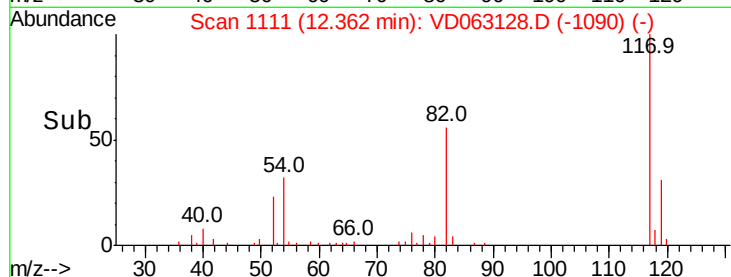
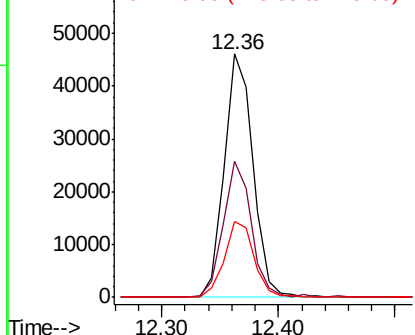
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063128.D
Acq: 17 Jul 2019 13:43

Instrument :
MSVOA_D
ClientSampleId :
TR-04-071519RE

Tot Ion:117 Resp: 78368
Ion Ratio Lower Upper
117 100
82 56.1 42.3 63.5
119 31.0 25.2 37.8

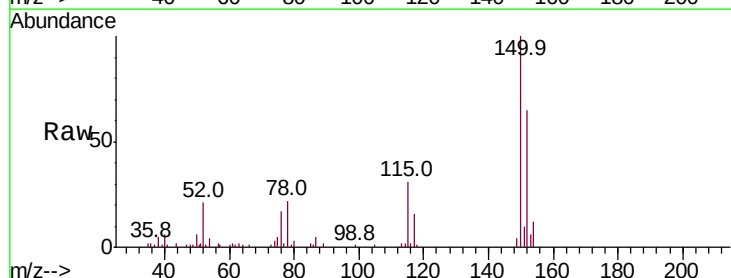


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063128.D
Acq: 17 Jul 2019 13:43

Tgt Ion:152 Resp: 42640
Ion Ratio Lower Upper
152 100
115 48.3 28.9 86.8
150 153.6 0.0 313.8



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

