

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063206.D
 Acq On : 29 Jul 2019 18:29
 Operator : VA/AP
 Sample : K4044-15
 Misc : 4.32g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Jul 30 03:50:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

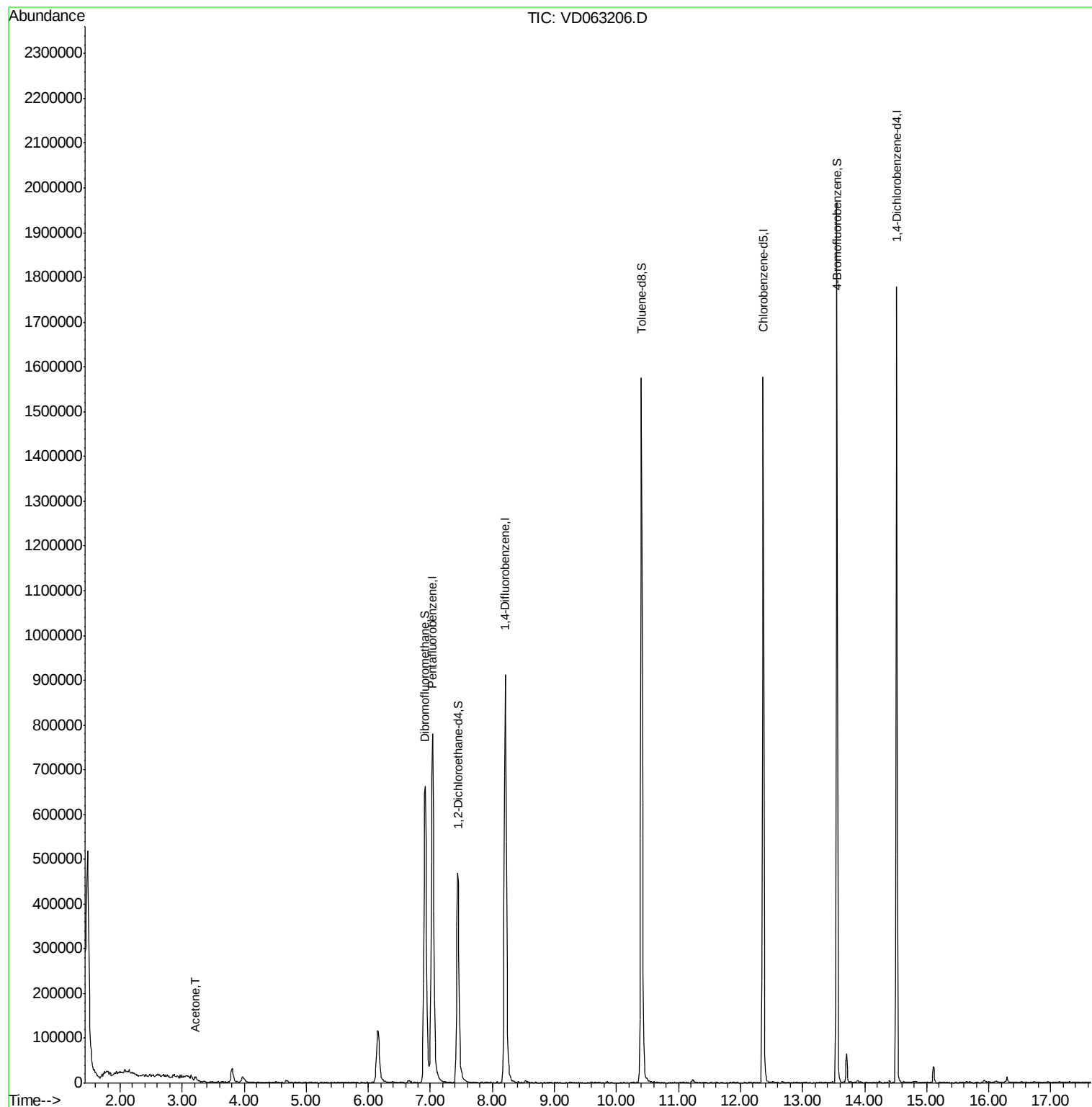
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	743815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1023898	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	842905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	401182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	524465	63.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.10%	
35) Dibromofluoromethane	6.92	113	610211	69.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.60%	
50) Toluene-d8	10.40	98	1217079	62.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.42%	
62) 4-Bromofluorobenzene	13.55	95	528650	59.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.60%	
Target Compounds						
16) Acetone	3.22	43	17355	10.792	ug/l	Qvalue 99

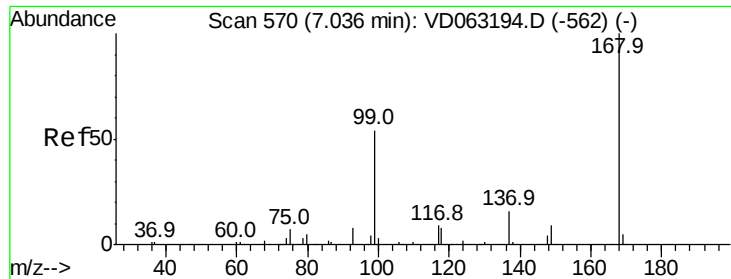
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063206.D

Acq: 29 Jul 2019 18:29

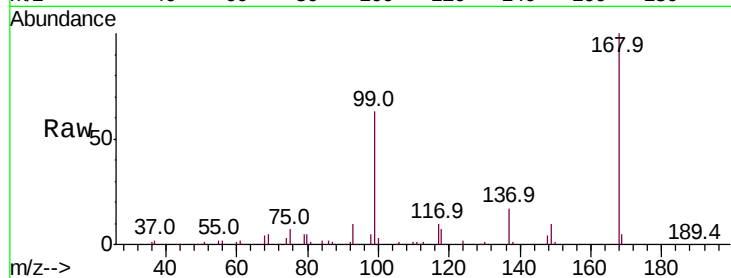
Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tot Ion:168 Resp: 743815

Ion Ratio Lower Upper

168 100

99 63.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

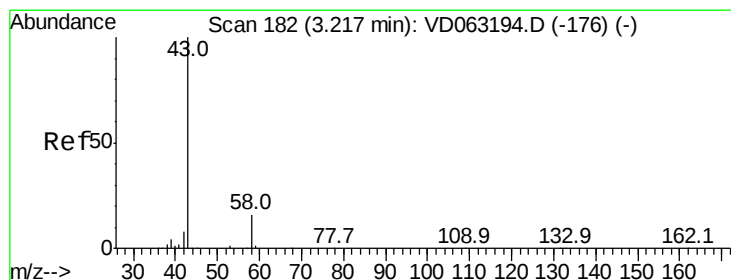
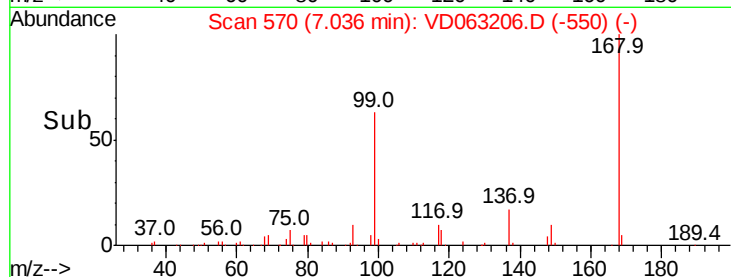
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.792 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063206.D

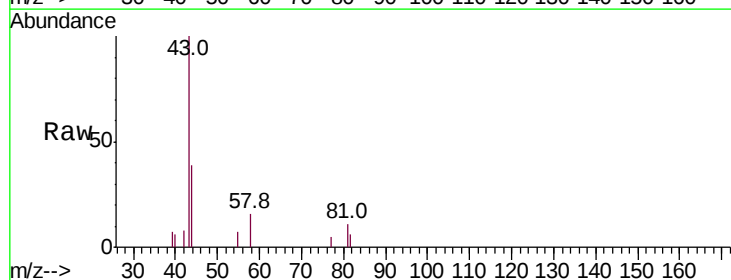
Acq: 29 Jul 2019 18:29

Tgt Ion: 43 Resp: 17355

Ion Ratio Lower Upper

43 100

58 15.7 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

8000

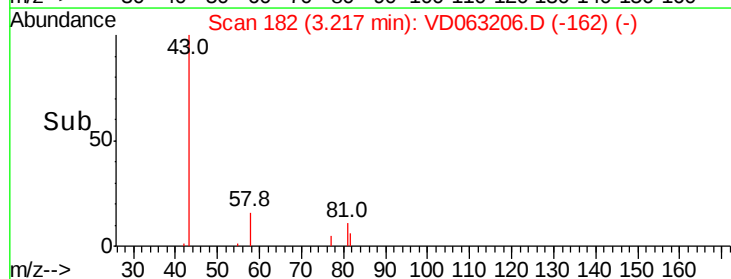
6000

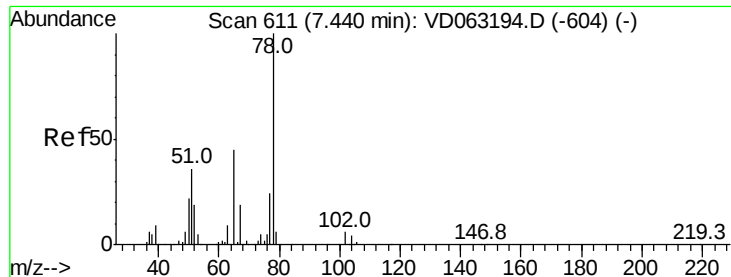
4000

2000

0

Time-->

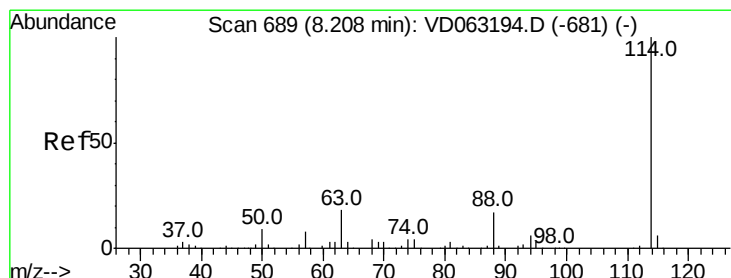
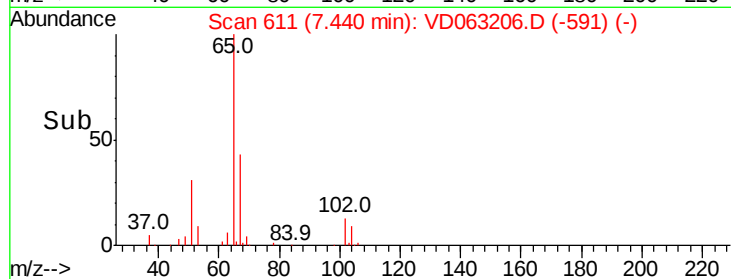
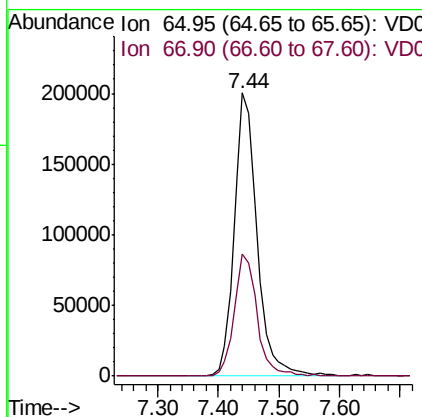
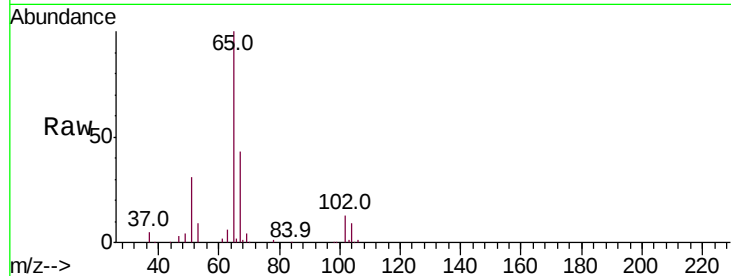




#33
 1,2-Dichloroethane-d4
 Concen: 63.546 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VD063206.D
 Acq: 29 Jul 2019 18:29

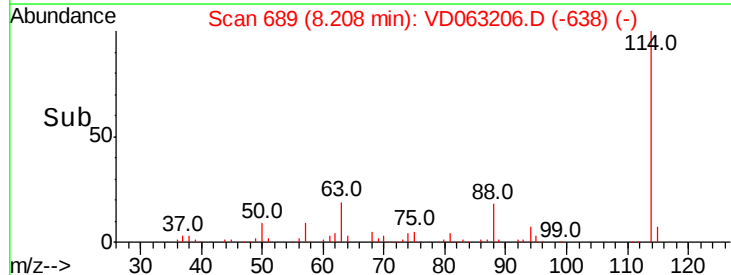
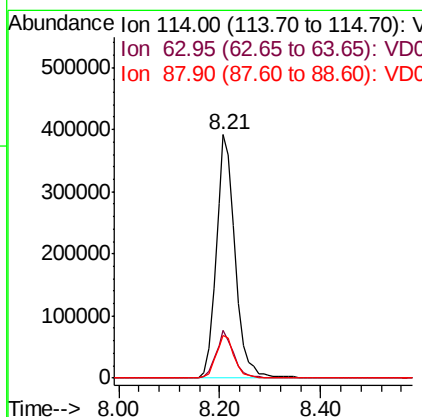
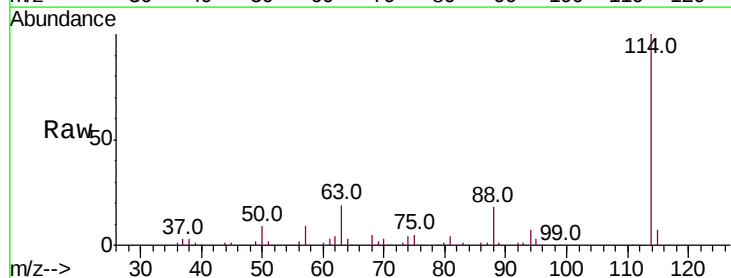
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

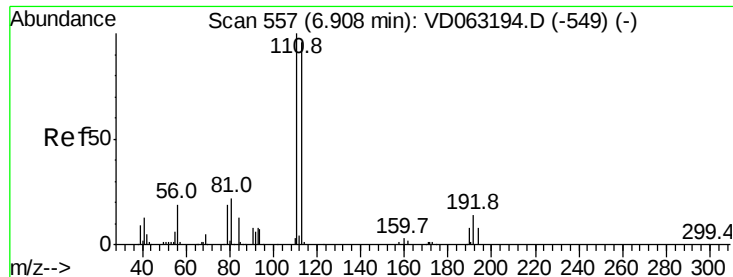
Tot Ion: 65 Resp: 524465
 Ion Ratio Lower Upper
 65 100
 67 43.3 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063206.D
 Acq: 29 Jul 2019 18:29

Tgt Ion: 114 Resp: 1023898
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 35.2
 88 17.6 0.0 34.6





#35

Dibromofluoromethane

Concen: 69.803 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063206.D

Acq: 29 Jul 2019 18:29

Instrument :

MSVOA_D

ClientSampleId :

TP-4

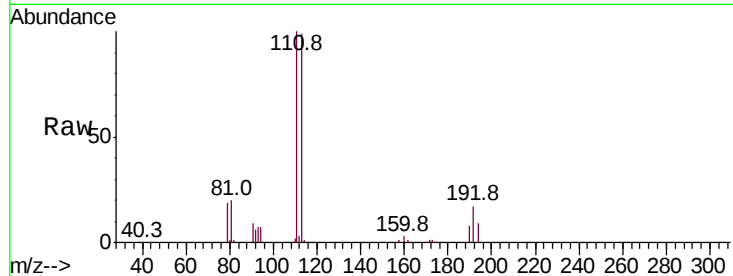
Tot Ion:113 Resp: 610211

Ion Ratio Lower Upper

113 100

111 100.6 83.2 124.8

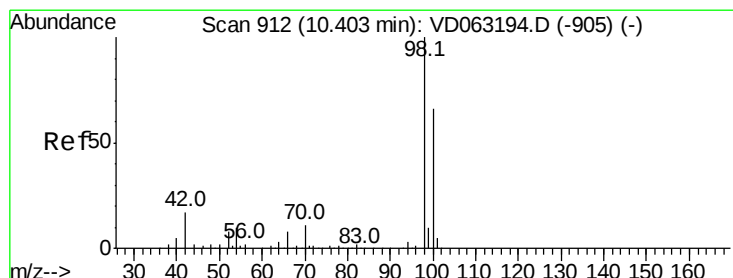
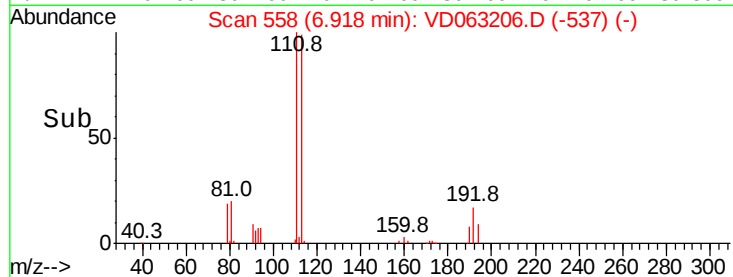
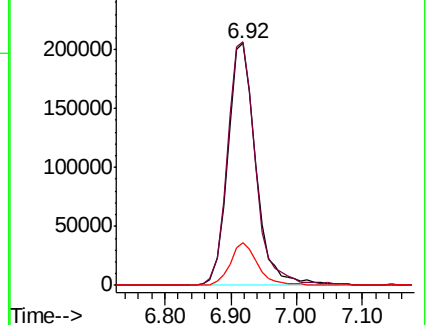
192 17.6 11.8 17.8



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: 62.209 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063206.D

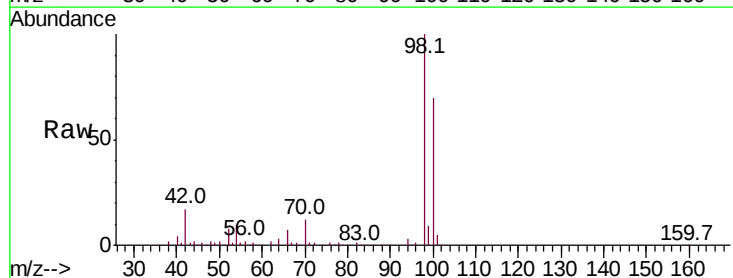
Acq: 29 Jul 2019 18:29

Tgt Ion: 98 Resp: 1217079

Ion Ratio Lower Upper

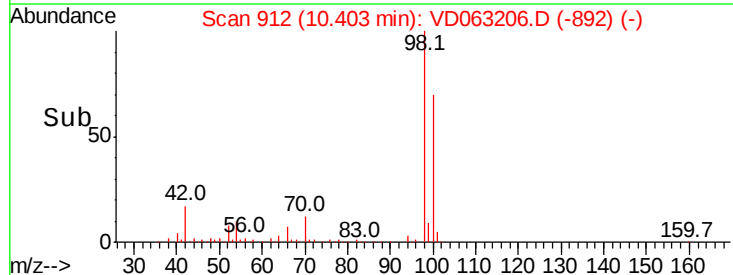
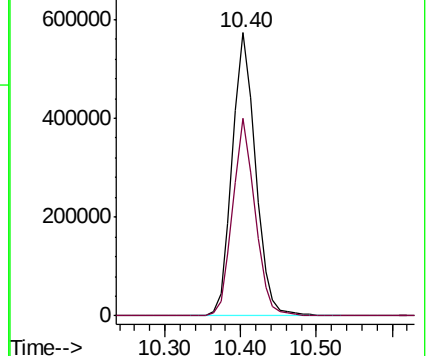
98 100

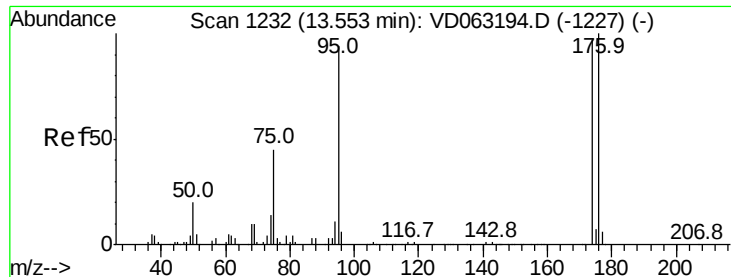
100 69.9 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

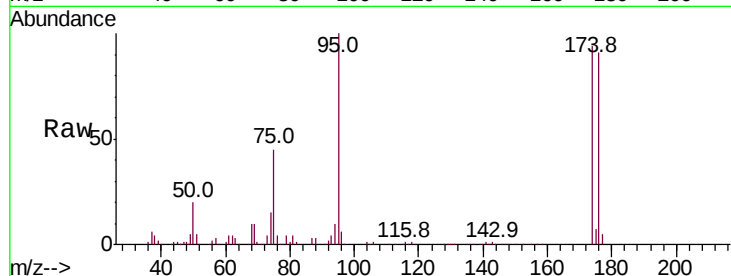




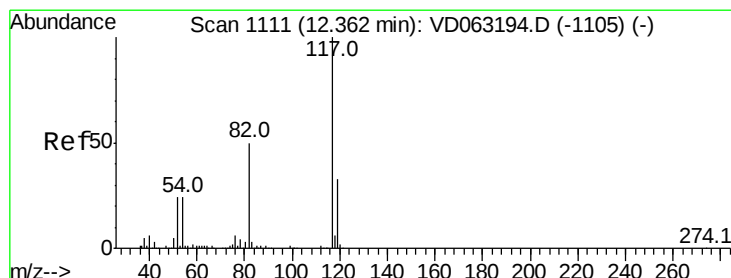
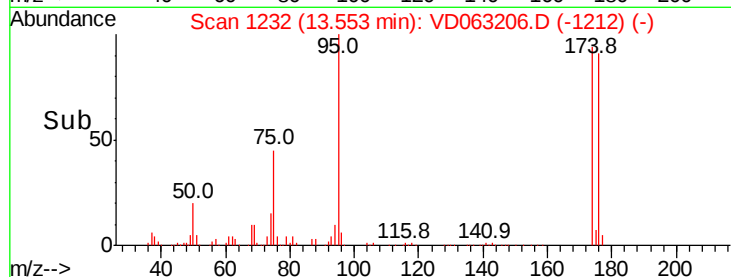
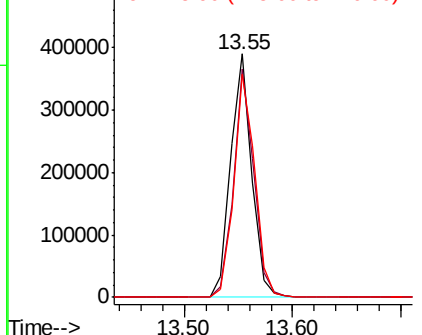
#62
4-Bromofluorobenzene
Concen: 59.296 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063206.D
Acq: 29 Jul 2019 18:29

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	205.4
176	91.4	0.0	211.8

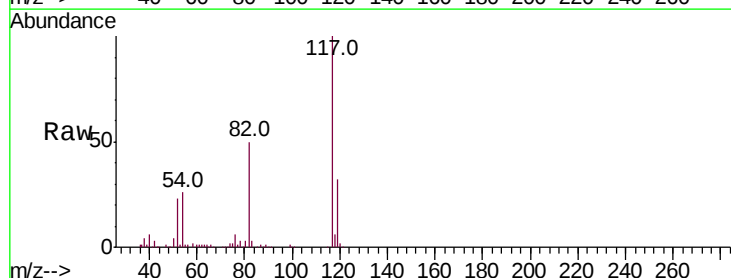


Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

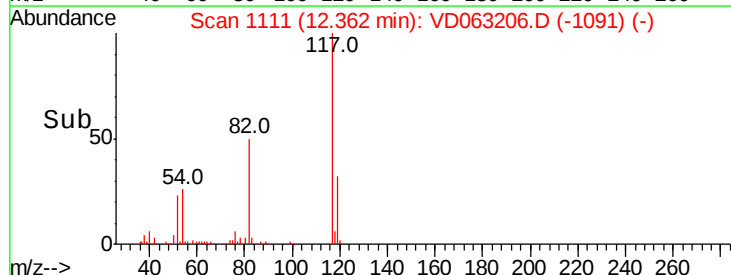
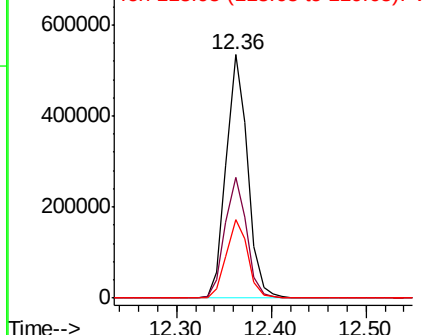


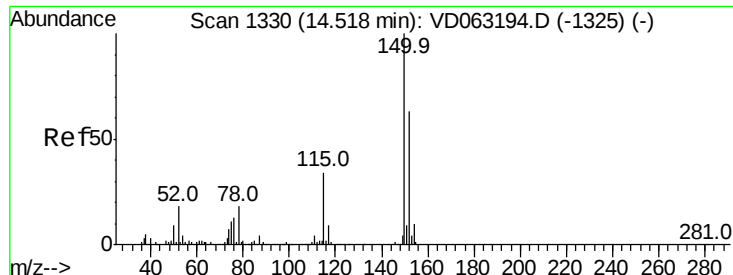
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063206.D
Acq: 29 Jul 2019 18:29

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.8	40.1	60.1
119	32.3	26.5	39.7



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD063206.D

Acq: 29 Jul 2019 18:29

Instrument :

MSVOA_D

ClientSampleId :

TP-4

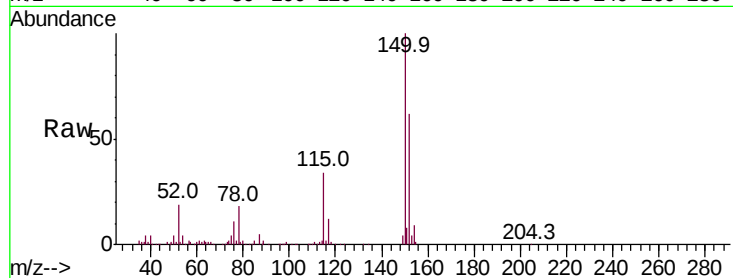
Tot Ion:152 Resp: 401182

Ion Ratio Lower Upper

152 100

115 55.0 27.5 82.4

150 160.2 0.0 320.6



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

