

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063204.D
 Acq On : 29 Jul 2019 17:34
 Operator : VA/AP
 Sample : K4044-05
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Quant Time: Jul 30 03:46:20 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

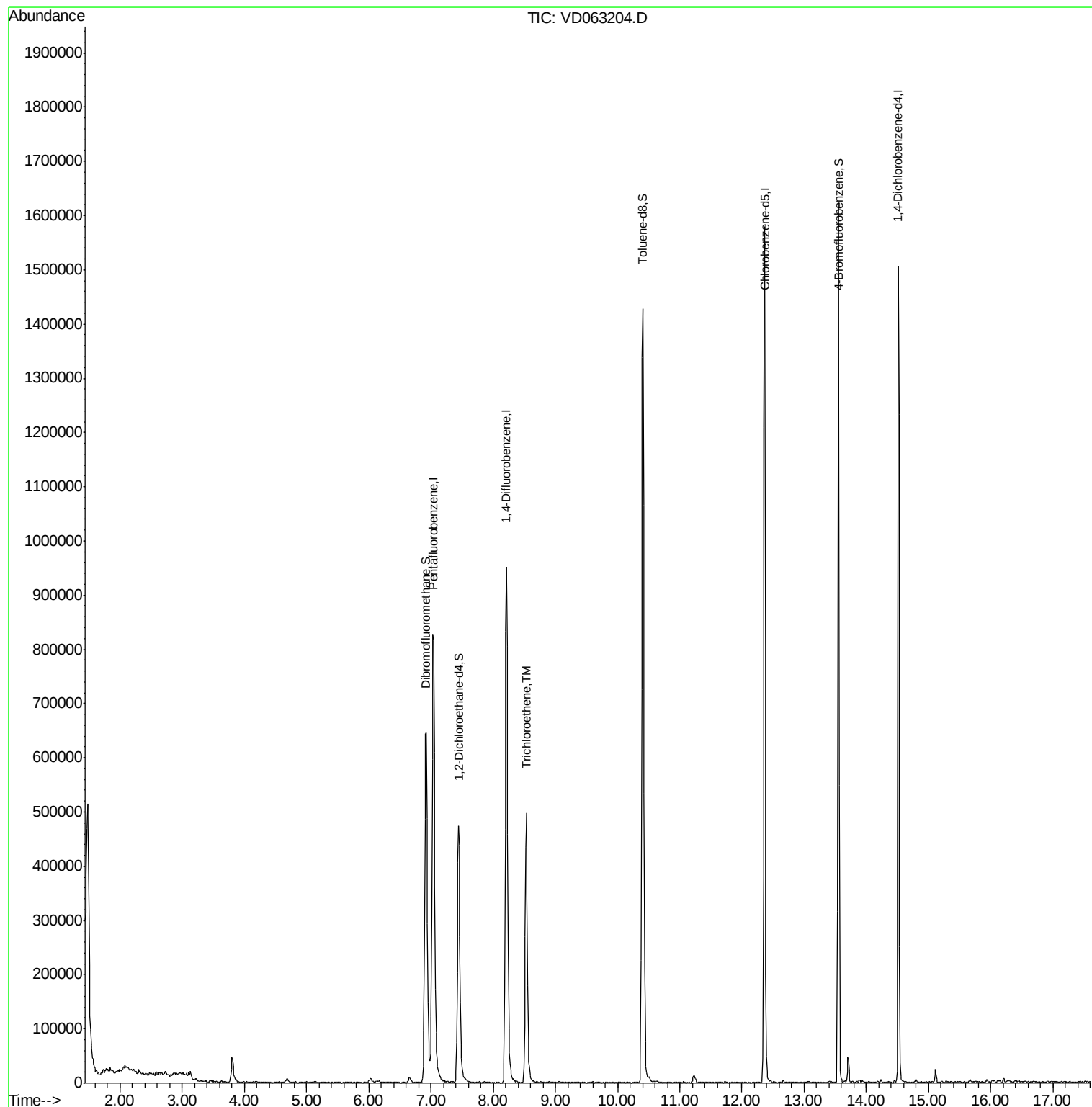
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	825110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1086551	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	835288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	339927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	540809	59.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.14%	
35) Dibromofluoromethane	6.91	113	596566	64.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.62%	
50) Toluene-d8	10.41	98	1245555	59.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.98%	
62) 4-Bromofluorobenzene	13.56	95	472166	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
Target Compounds						
44) Trichloroethene	8.54	130	217961	25.882	ug/l	Qvalue 99

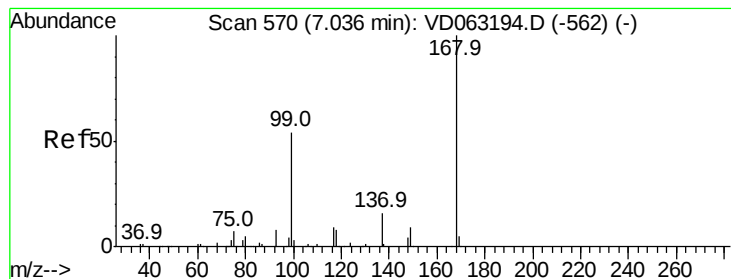
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063204.D

Acq: 29 Jul 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

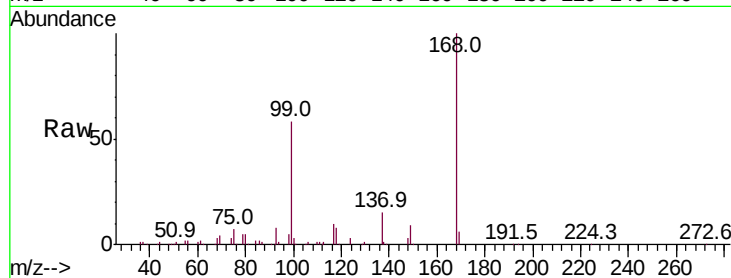
TP-5

Tot Ion:168 Resp: 825110

Ion Ratio Lower Upper

168 100

99 57.5 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

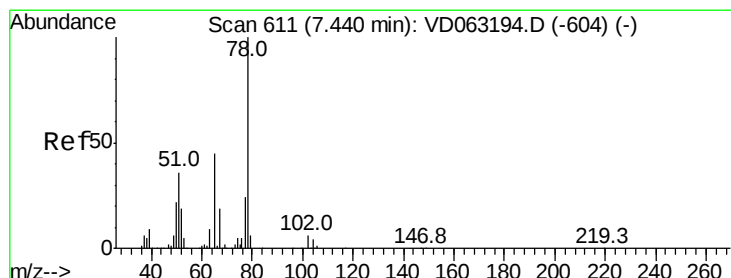
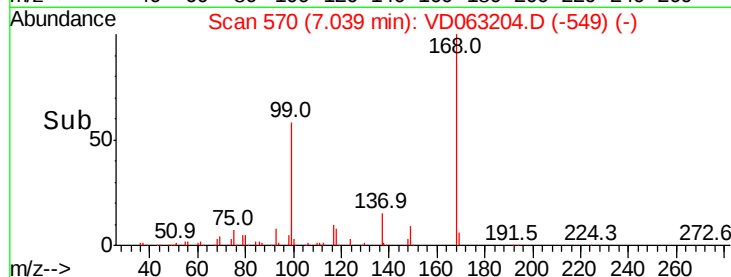
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.070 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063204.D

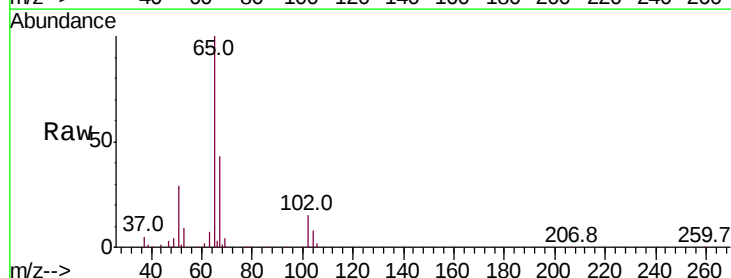
Acq: 29 Jul 2019 17:34

Tgt Ion: 65 Resp: 540809

Ion Ratio Lower Upper

65 100

67 42.5 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

200000

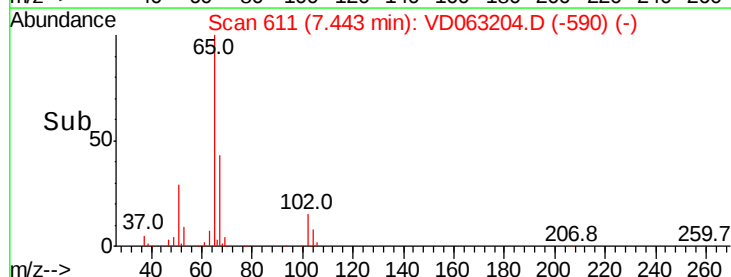
150000

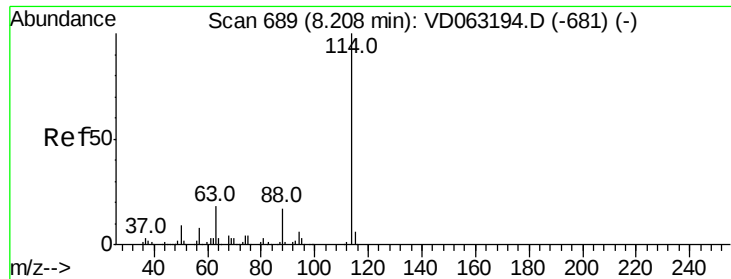
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.00 min

Lab File: VD063204.D

Acq: 29 Jul 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

TP-5

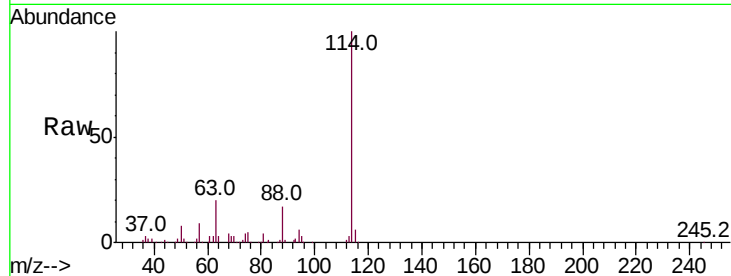
Tot Ion:114 Resp: 1086551

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.2

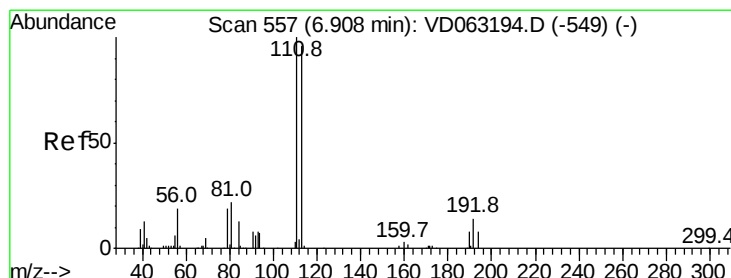
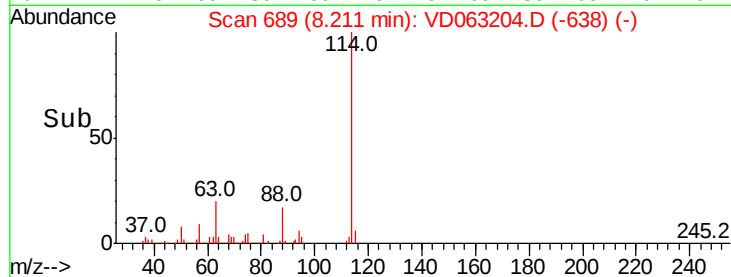
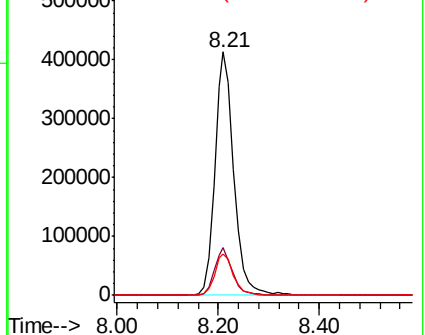
88 17.3 0.0 34.6



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: 64.307 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.00 min

Lab File: VD063204.D

Acq: 29 Jul 2019 17:34

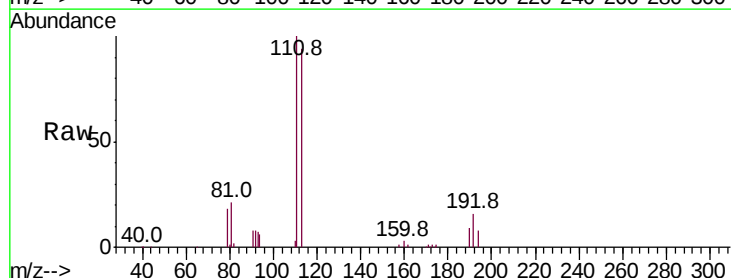
Tgt Ion:113 Resp: 596566

Ion Ratio Lower Upper

113 100

111 106.4 83.2 124.8

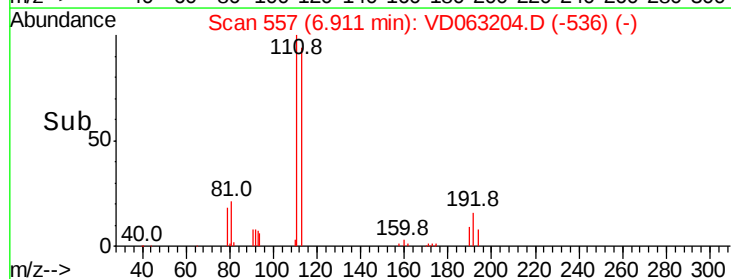
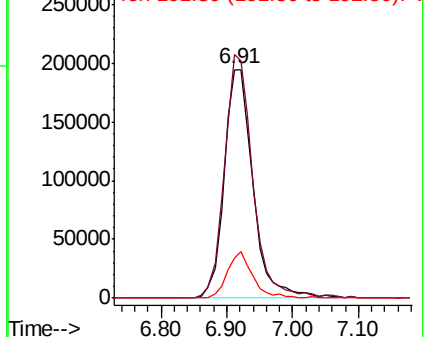
192 17.3 11.8 17.8

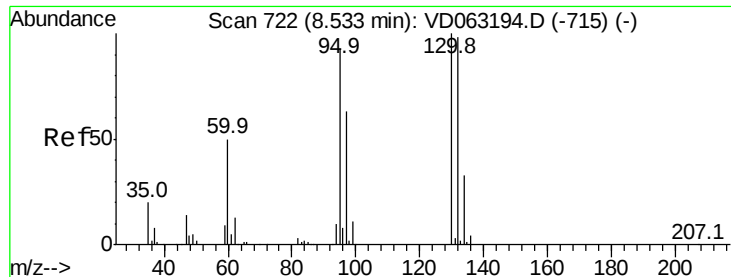


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#44

Trichloroethene

Concen: 25.882 ug/l

RT: 8.54 min Scan# 722

Delta R.T. 0.00 min

Lab File: VD063204.D

Acq: 29 Jul 2019 17:34

Instrument :

MSVOA_D

ClientSampled :

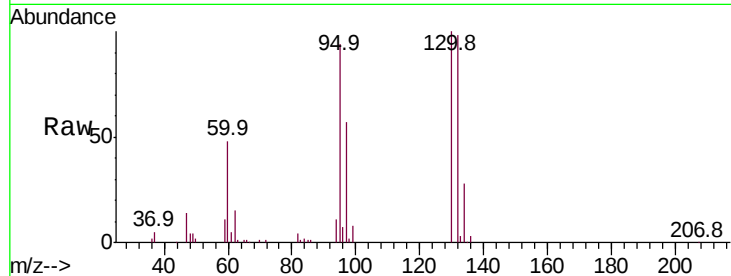
TP-5

Tot Ion:130 Resp: 217961

Ion Ratio Lower Upper

130 100

95 93.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

8.54

100000

80000

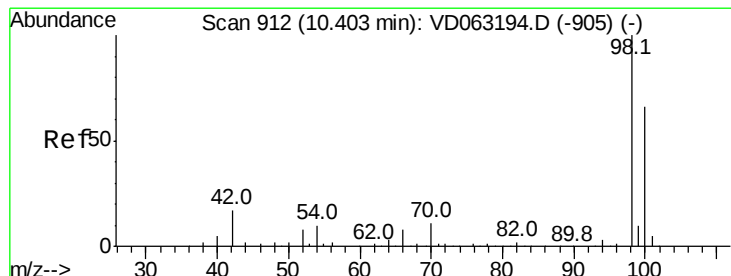
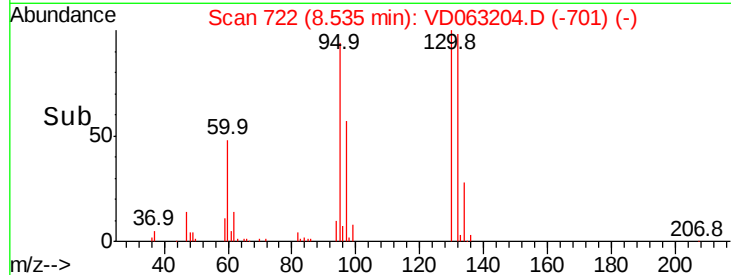
60000

40000

20000

0

Time-->



#50

Toluene-d8

Concen: 59.994 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063204.D

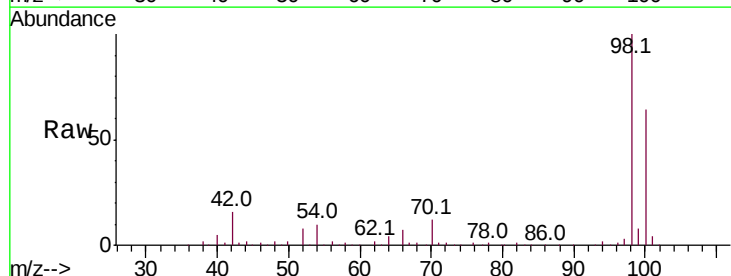
Acq: 29 Jul 2019 17:34

Tgt Ion: 98 Resp: 1245555

Ion Ratio Lower Upper

98 100

100 64.3 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.41

600000

500000

400000

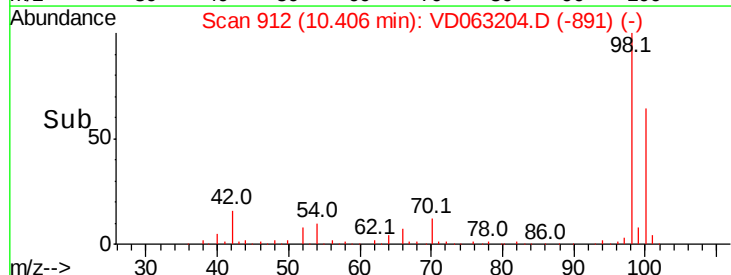
300000

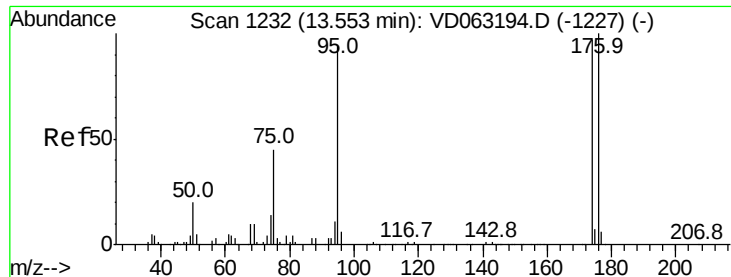
200000

100000

0

Time-->

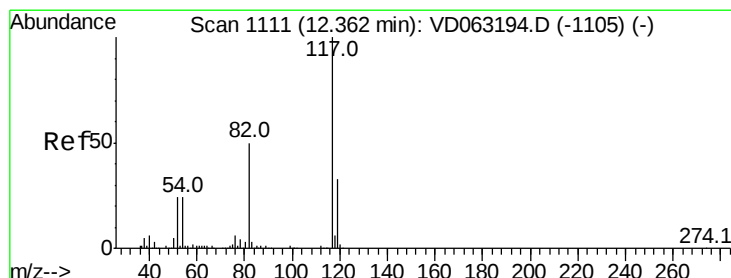
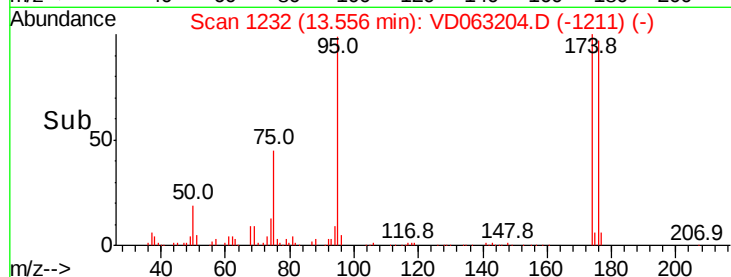
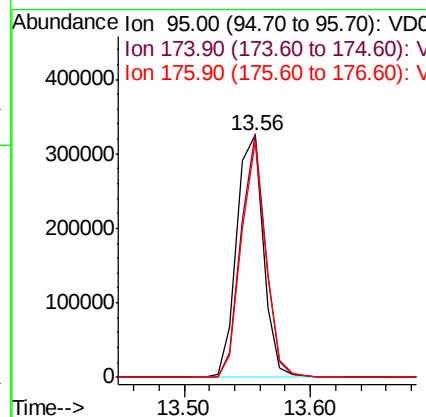
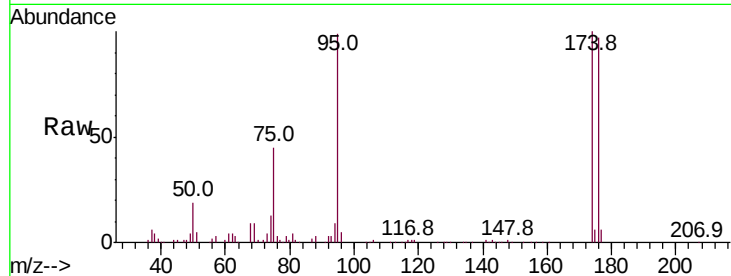




#62
4-Bromofluorobenzene
Concen: 49.907 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063204.D
Acq: 29 Jul 2019 17:34

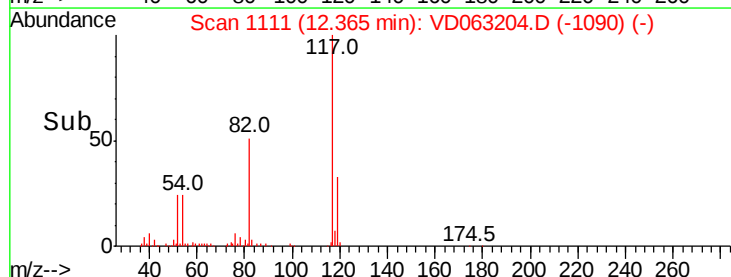
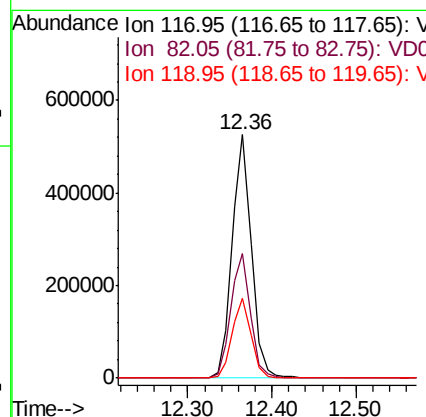
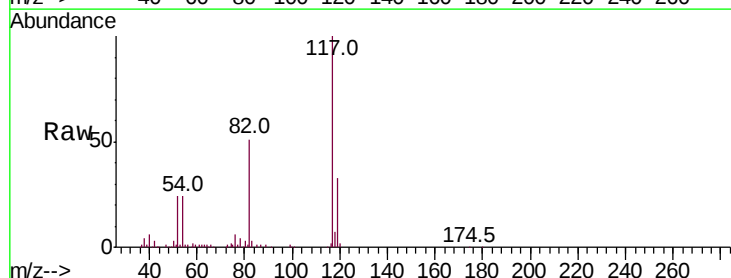
Instrument :
MSVOA_D
ClientSampled :
TP-5

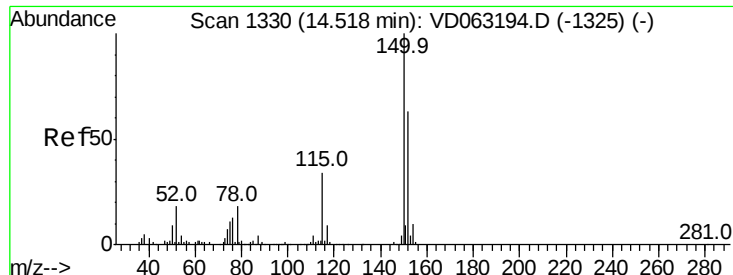
Tot Ion: 95 Resp: 472166
Ion Ratio Lower Upper
95 100
174 100.7 0.0 205.4
176 97.6 0.0 211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063204.D
Acq: 29 Jul 2019 17:34

Tgt Ion: 117 Resp: 835288
Ion Ratio Lower Upper
117 100
82 51.3 40.1 60.1
119 32.8 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD063204.D

Acq: 29 Jul 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

TP-5

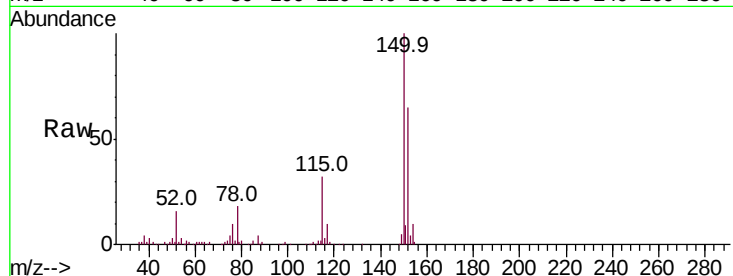
Tot Ion:152 Resp: 339927

Ion Ratio Lower Upper

152 100

115 49.8 27.5 82.4

150 155.0 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

