

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063260.D
 Acq On : 31 Jul 2019 2:00
 Operator : VA/AP
 Sample : K4049-10
 Misc : 4.30g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-10

Quant Time: Jul 31 06:51:07 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

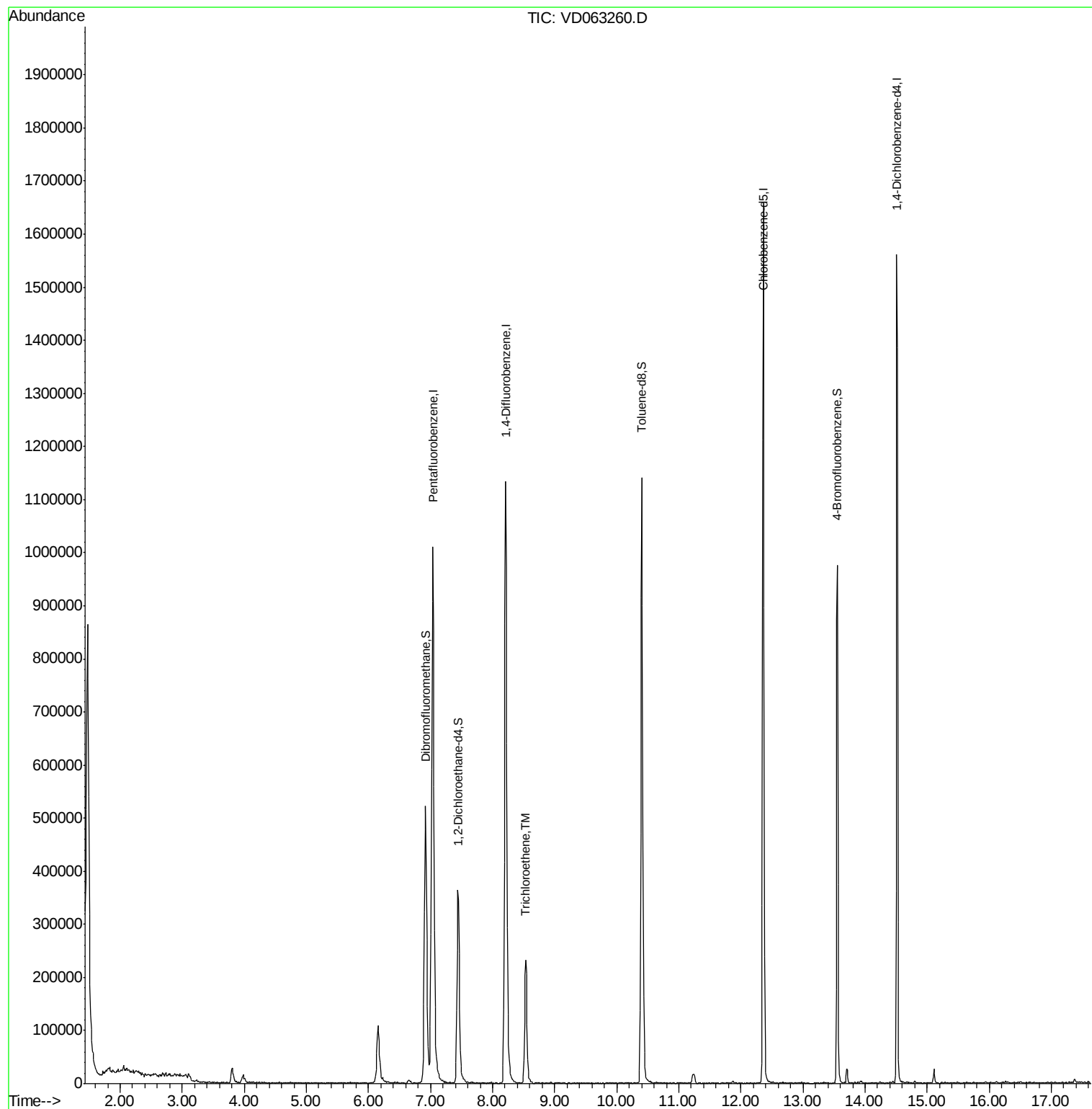
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1002793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1246757	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	885602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	367135	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	420472	37.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.58%	
35) Dibromofluoromethane	6.92	113	460650	43.28	ug/l	0.01
Spiked Amount 50.000			Recovery	=	86.56%	
50) Toluene-d8	10.40	98	930516	39.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.12%	
62) 4-Bromofluorobenzene	13.54	95	297980	27.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.90%	
Target Compounds						
44) Trichloroethene	8.53	130	103248	10.685	ug/l	Qvalue 99

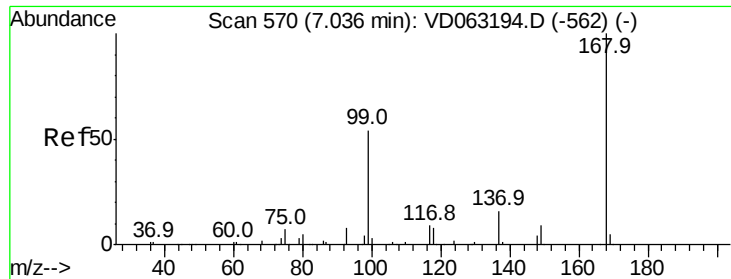
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 30 03:04:50 2019
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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: VD063260.D

Acq: 31 Jul 2019 2:00

Instrument :

MSVOA_D

ClientSampleId :

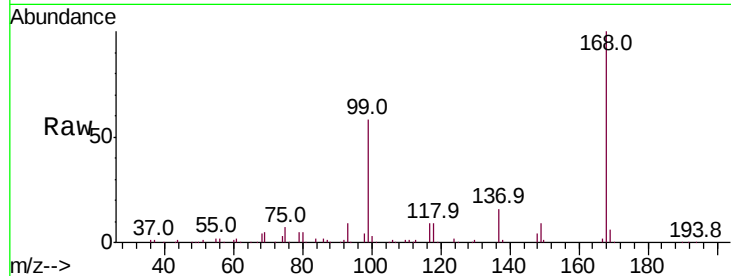
SP-10

Tot Ion:168 Resp: 1002793

Ion Ratio Lower Upper

168 100

99 58.0 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

400000

300000

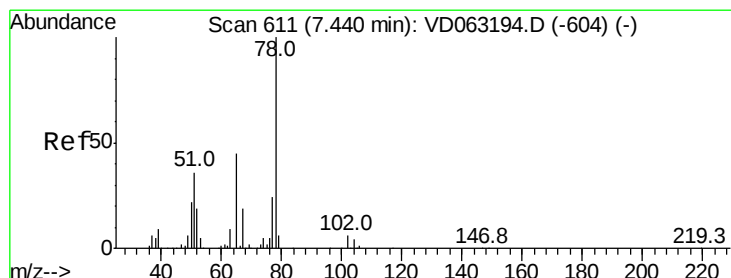
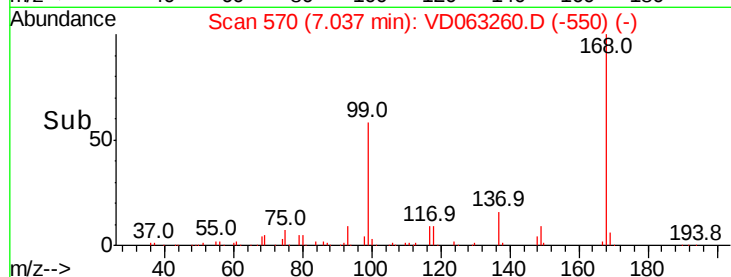
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 37.789 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063260.D

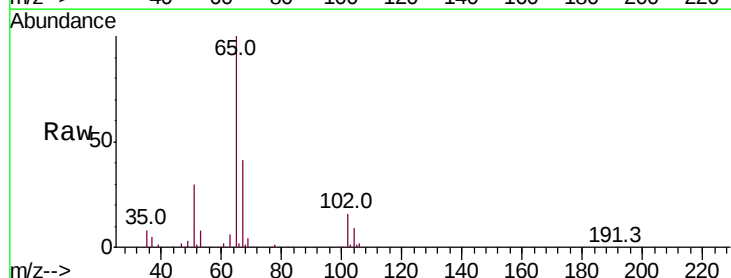
Acq: 31 Jul 2019 2:00

Tgt Ion: 65 Resp: 420472

Ion Ratio Lower Upper

65 100

67 40.6 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

150000

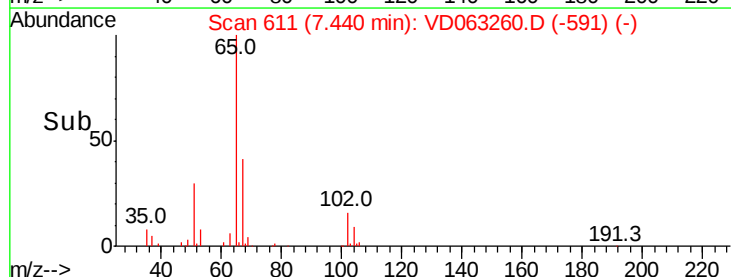
100000

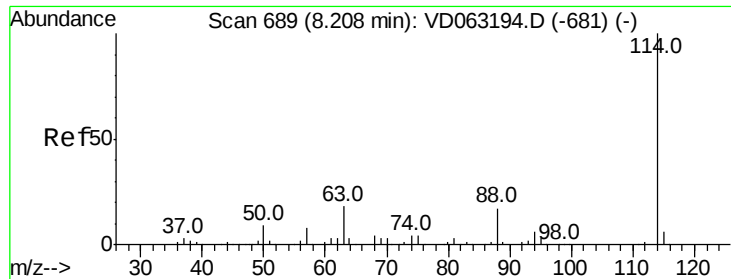
50000

0

Time-->

7.30 7.40 7.50 7.60



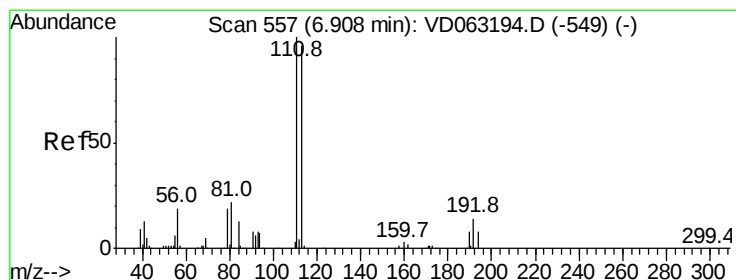
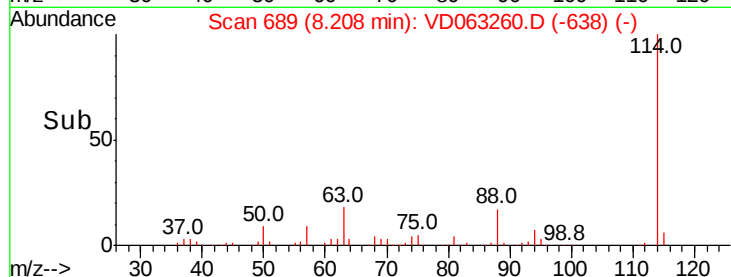
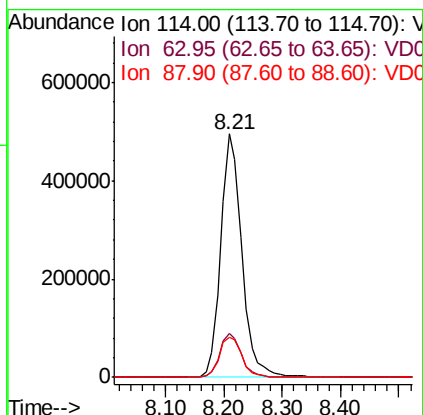
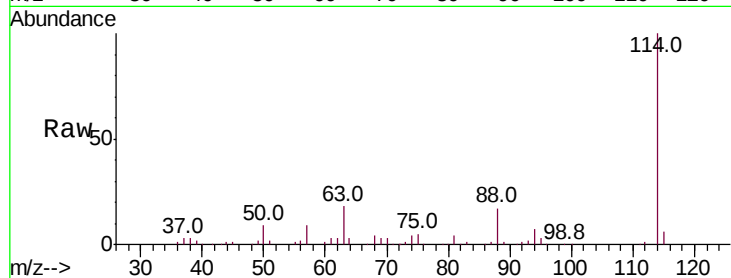


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063260.D
 Acq: 31 Jul 2019 2:00

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-10

Tot Ion:114 Resp: 1246757

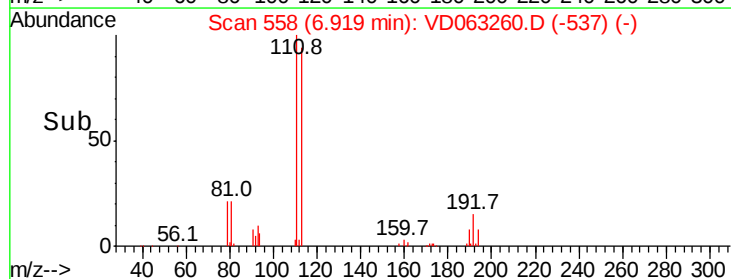
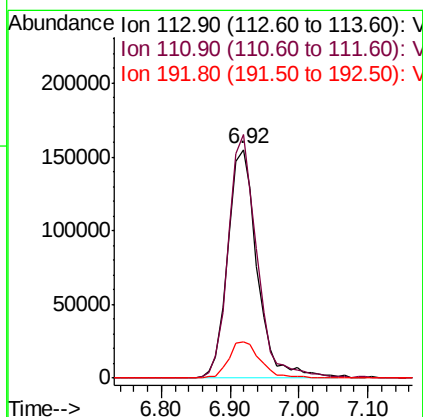
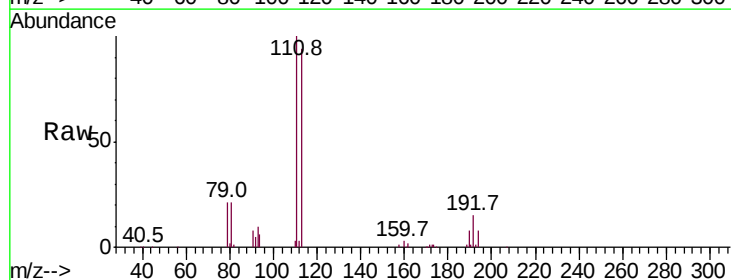
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	35.2
88	16.7	0.0	34.6

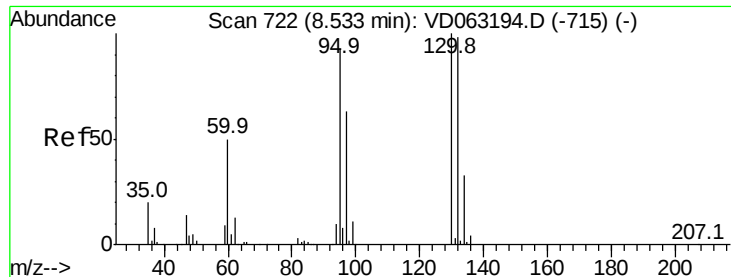


#35
 Dibromofluoromethane
 Concen: 43.275 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063260.D
 Acq: 31 Jul 2019 2:00

Tgt Ion:113 Resp: 460650

Ion	Ratio	Lower	Upper
113	100		
111	106.5	83.2	124.8
192	15.6	11.8	17.8





#44

Trichloroethene

Concen: 10.685 ug/l

RT: 8.53 min Scan# 722

Delta R.T. 0.00 min

Lab File: VD063260.D

Acq: 31 Jul 2019 2:00

Instrument :

MSVOA_D

ClientSampleId :

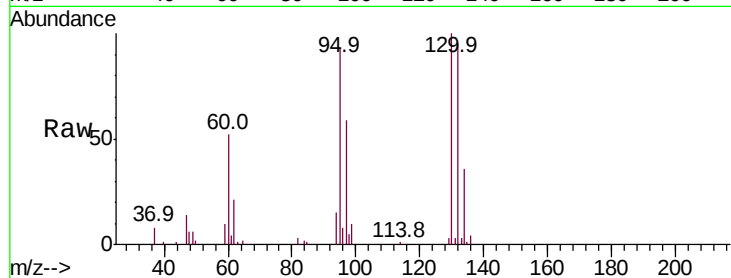
SP-10

Tot Ion:130 Resp: 103248

Ion Ratio Lower Upper

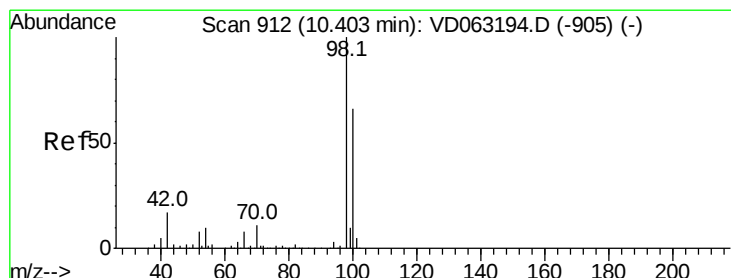
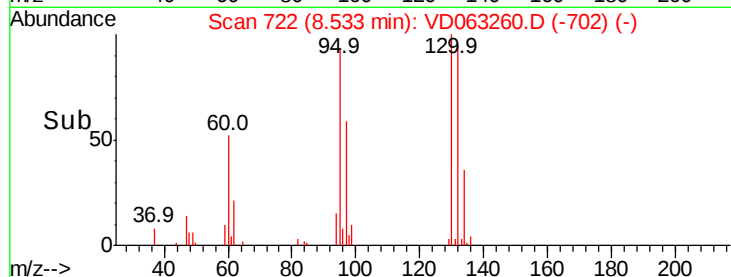
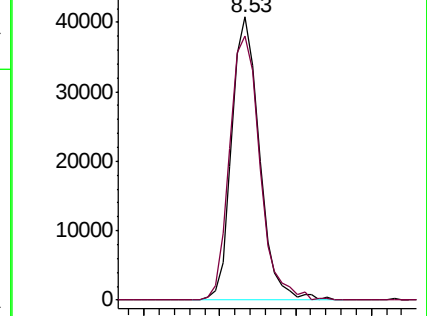
130 100

95 93.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: 39.060 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063260.D

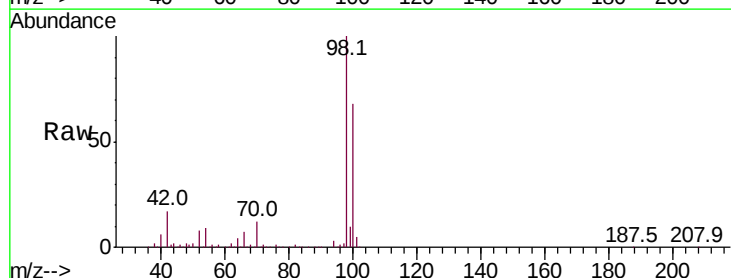
Acq: 31 Jul 2019 2:00

Tgt Ion: 98 Resp: 930516

Ion Ratio Lower Upper

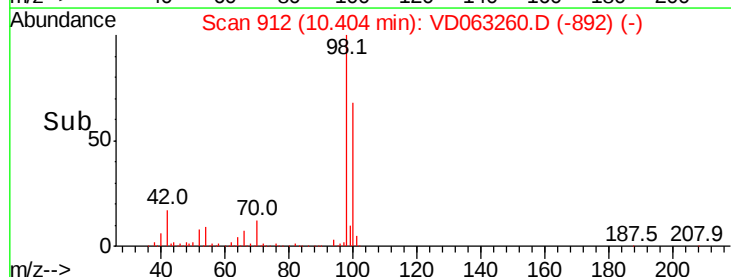
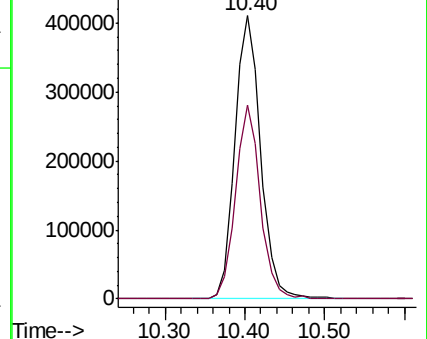
98 100

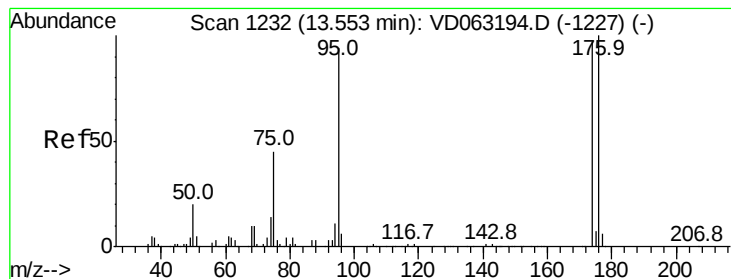
100 68.4 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 27.449 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063260.D

Acq: 31 Jul 2019 2:00

Instrument :

MSVOA_D

ClientSampleId :

SP-10

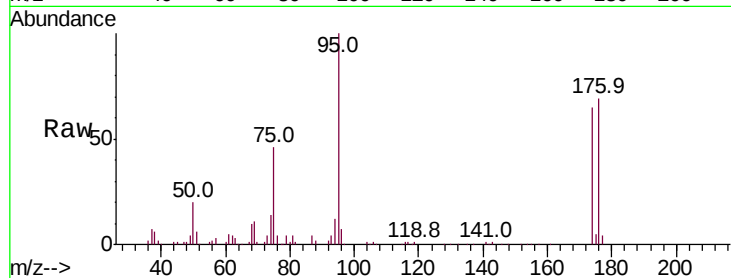
Tot Ion: 95 Resp: 297980

Ion Ratio Lower Upper

95 100

174 64.6 0.0 205.4

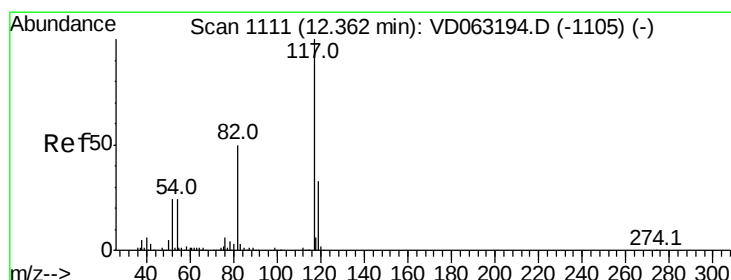
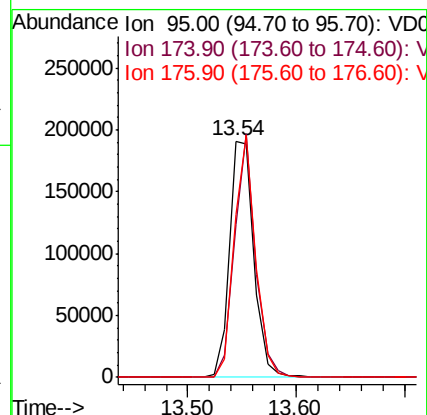
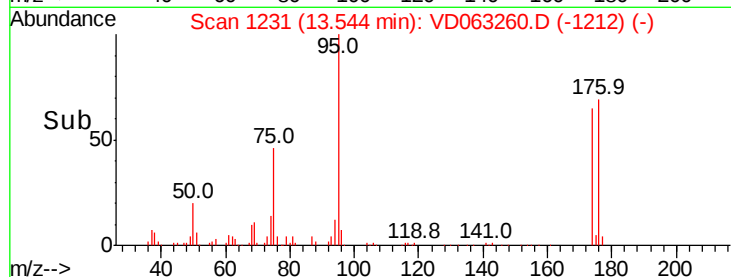
176 68.9 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD063260.D

Acq: 31 Jul 2019 2:00

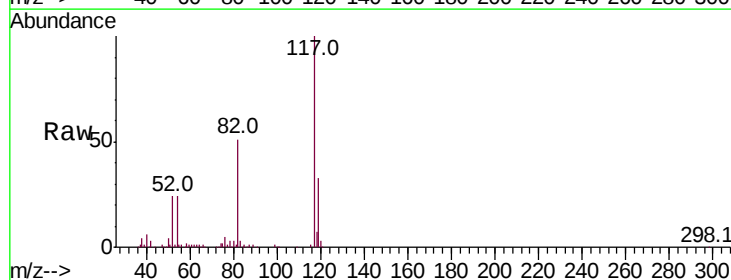
Tgt Ion: 117 Resp: 885602

Ion Ratio Lower Upper

117 100

82 51.4 40.1 60.1

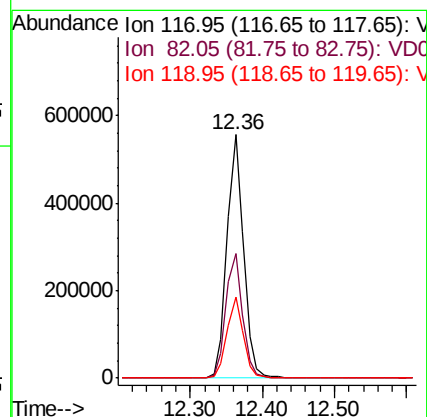
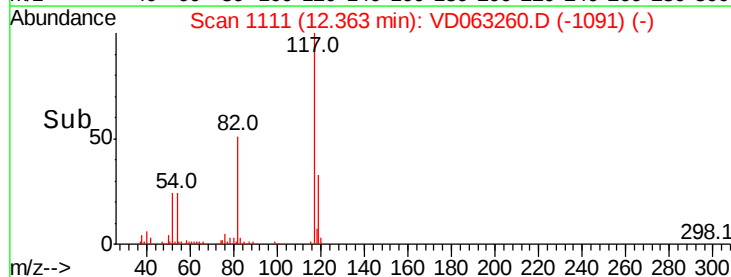
119 33.3 26.5 39.7

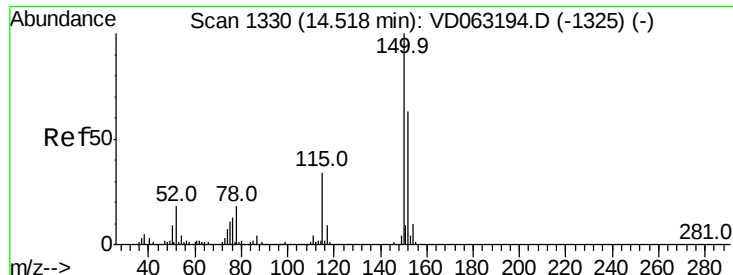


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063260.D

Acq: 31 Jul 2019 2:00

Instrument :

MSVOA_D

ClientSampleId :

SP-10

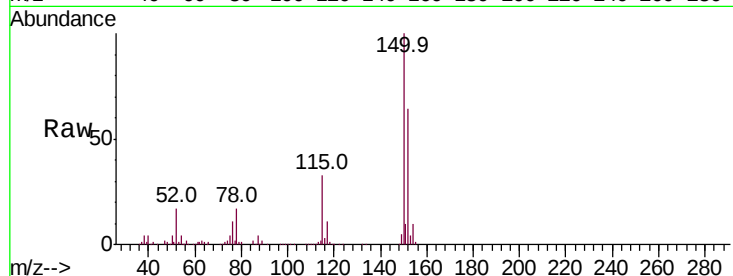
Tot Ion:152 Resp: 367135

Ion Ratio Lower Upper

152 100

115 51.7 27.5 82.4

150 155.2 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

