

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063259.D
 Acq On : 31 Jul 2019 1:33
 Operator : VA/AP
 Sample : K4049-09
 Misc : 4.60µl/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-9

Quant Time: Jul 31 06:50:11 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

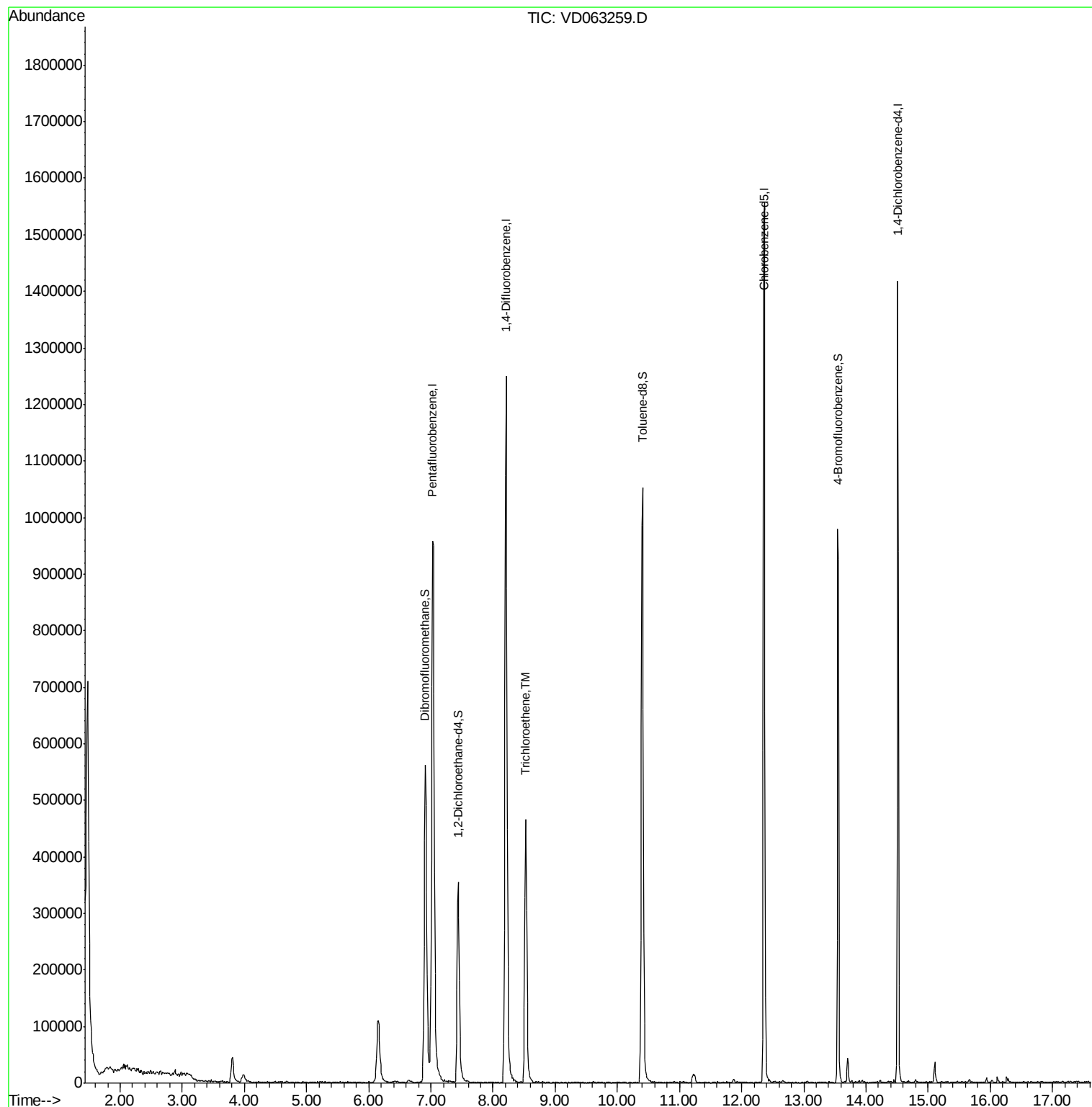
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	969911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1336601	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	926407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	309102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	395804	36.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.56%	
35) Dibromofluoromethane	6.91	113	476171	41.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.46%	
50) Toluene-d8	10.40	98	884770	34.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.28%	
62) 4-Bromofluorobenzene	13.54	95	299110	25.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.40%	
Target Compounds						
44) Trichloroethene	8.53	130	215442	20.797	ug/l	Qvalue 98

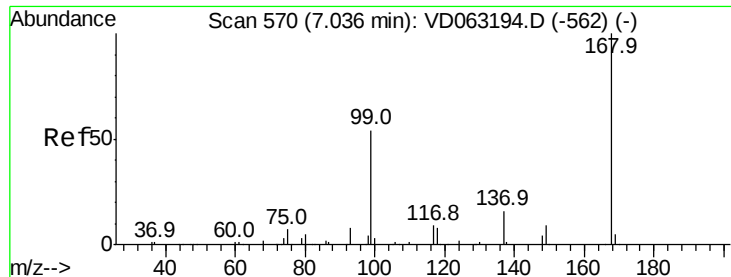
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073019\
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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: VD063259.D

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MSVOA_D

ClientSampleId :

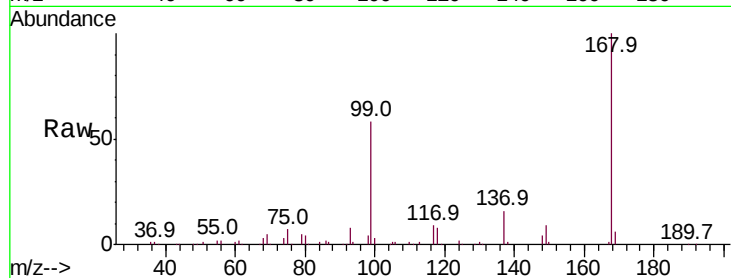
SP-9

Tot Ion:168 Resp: 969911

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

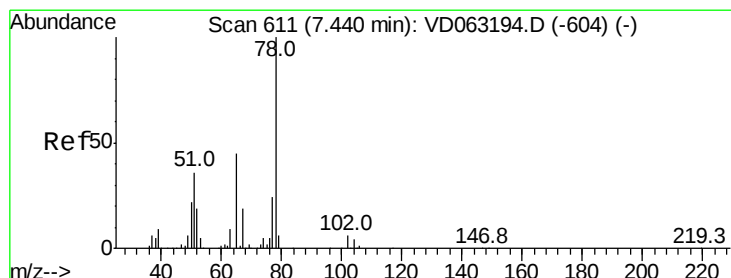
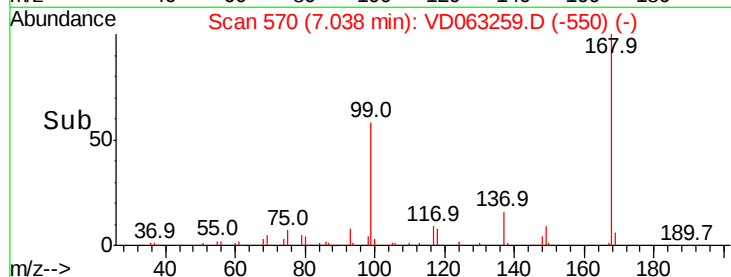
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 36.778 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063259.D

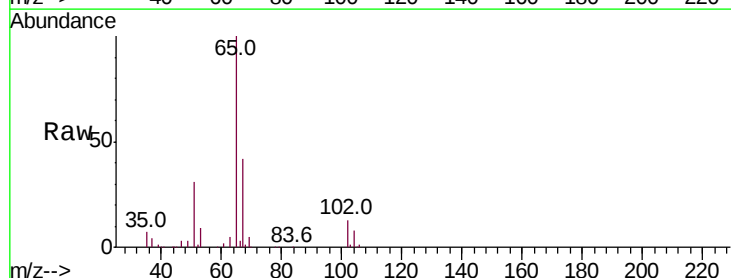
Acq: 31 Jul 2019 1:33

Tgt Ion: 65 Resp: 395804

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

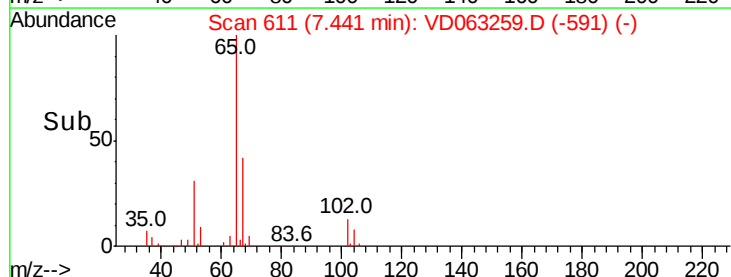
150000

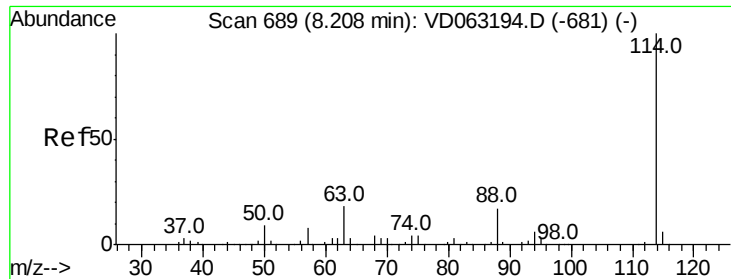
100000

50000

0

Time-->



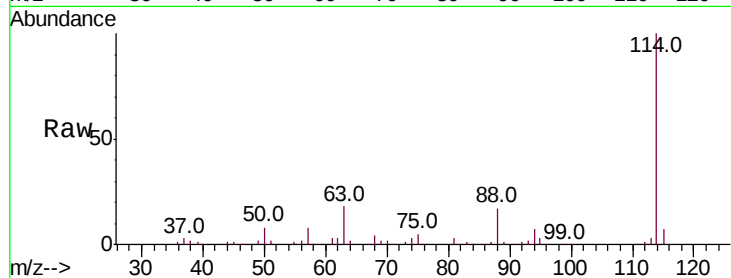


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063259.D
 Acq: 31 Jul 2019 1:33

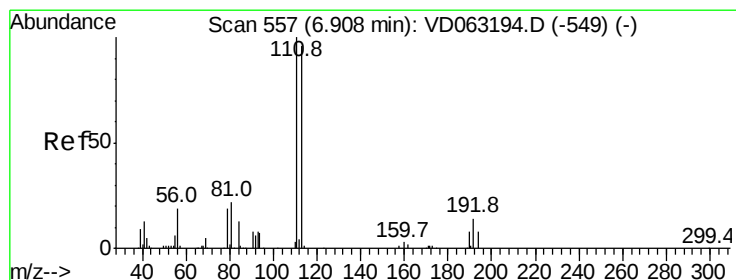
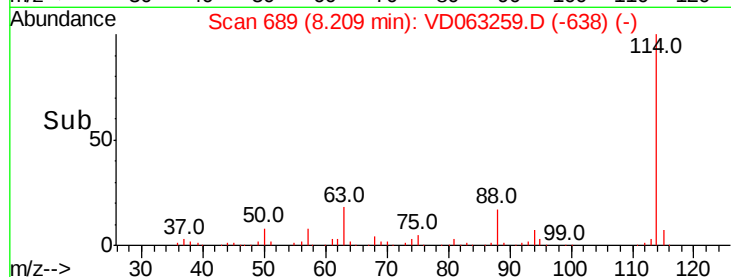
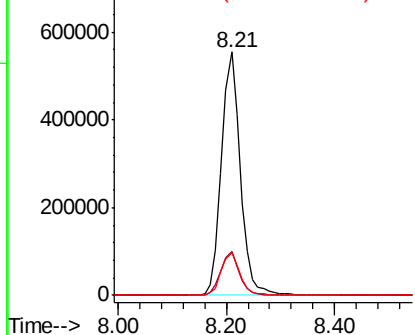
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-9

Tot Ion:114 Resp: 1336601

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.2
88	17.3	0.0	34.6



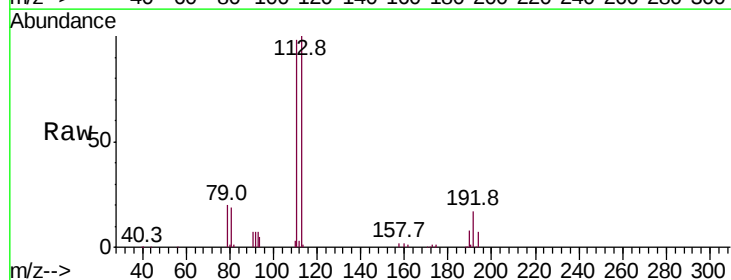
Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V



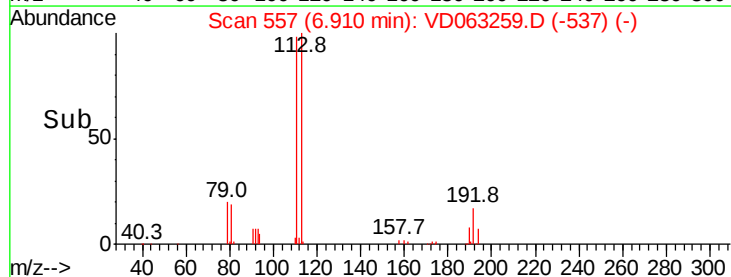
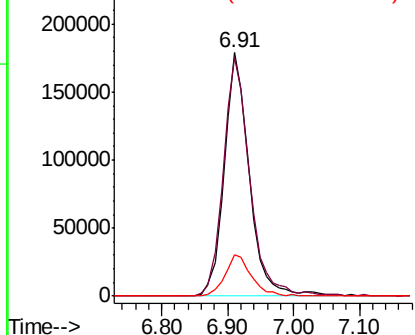
#35
 Dibromofluoromethane
 Concen: 41.726 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VD063259.D
 Acq: 31 Jul 2019 1:33

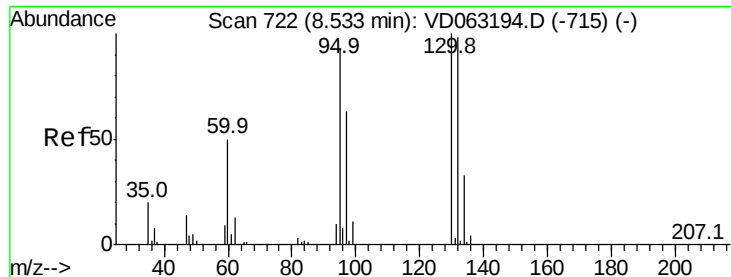
Tgt Ion:113 Resp: 476171

Ion	Ratio	Lower	Upper
113	100		
111	97.8	83.2	124.8
192	16.8	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: 20.797 ug/l

RT: 8.53 min Scan# 722

Delta R.T. 0.00 min

Lab File: VD063259.D

Acq: 31 Jul 2019 1:33

Instrument :

MSVOA_D

ClientSampleId :

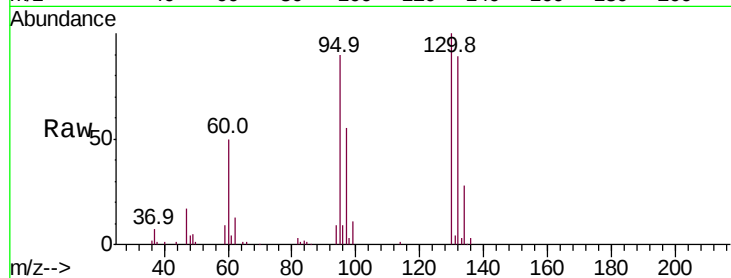
SP-9

Tot Ion:130 Resp: 215442

Ion Ratio Lower Upper

130 100

95 90.4 0.0 185.4

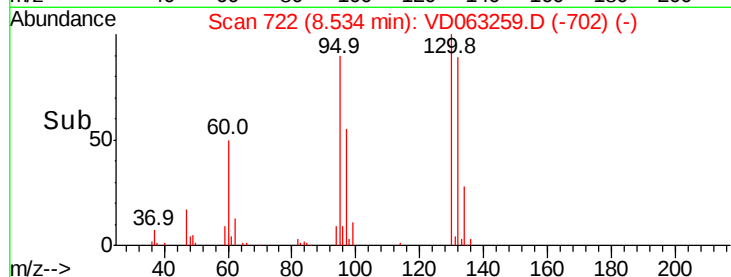


Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

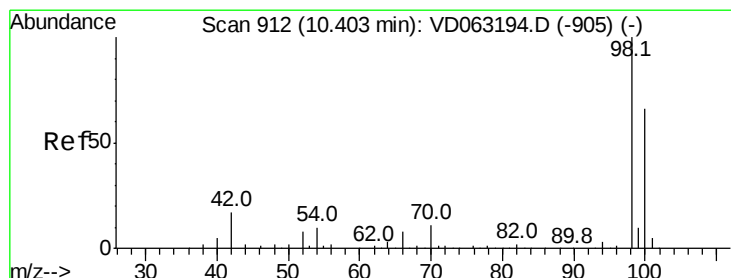
8.53

Time-->



8.53

Time-->



#50

Toluene-d8

Concen: 34.643 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063259.D

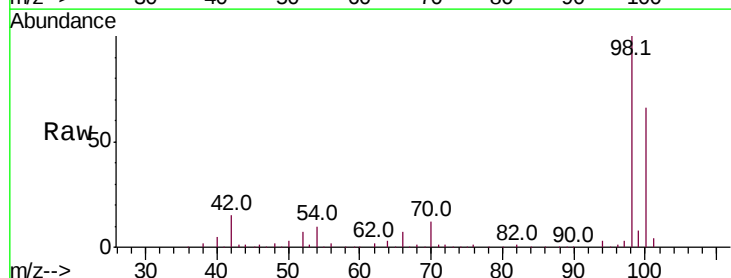
Acq: 31 Jul 2019 1:33

Tgt Ion: 98 Resp: 884770

Ion Ratio Lower Upper

98 100

100 66.0 53.2 79.8

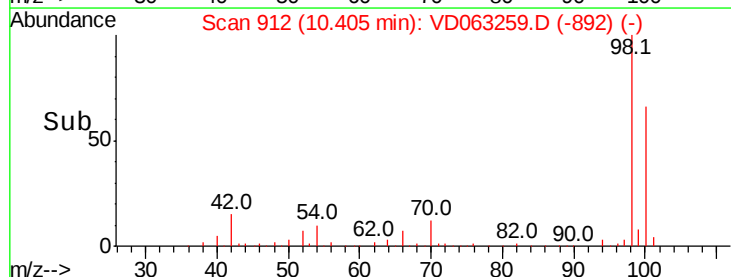


Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

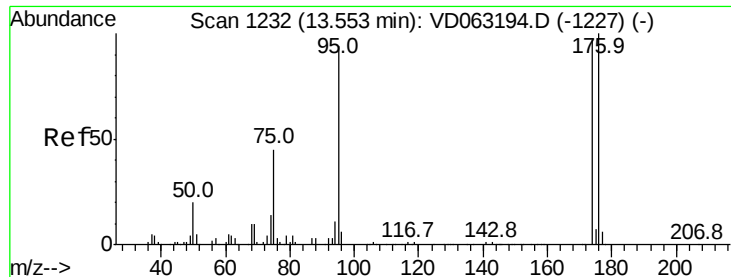
10.40

Time-->



10.40

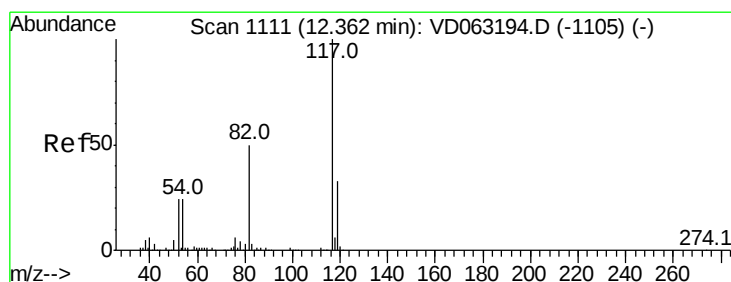
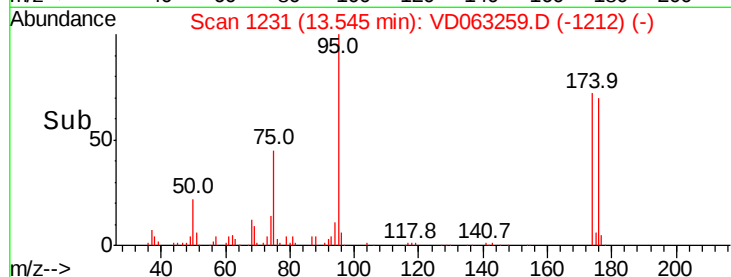
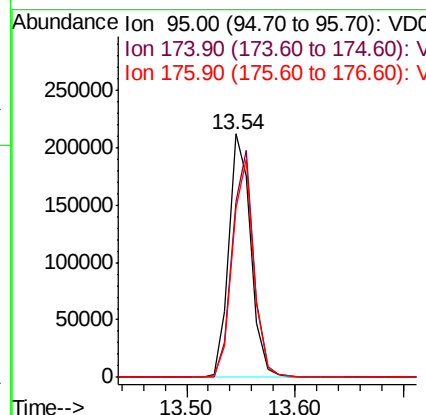
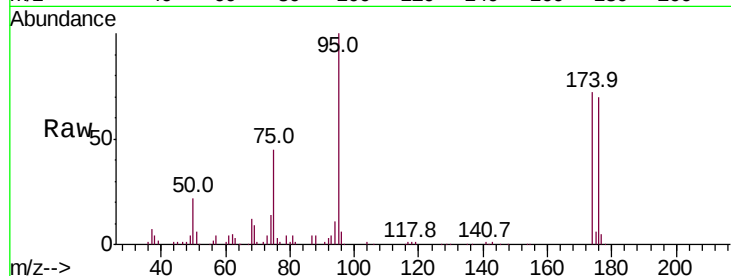
Time-->



#62
4-Bromofluorobenzene
Concen: 25.701 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063259.D
Acq: 31 Jul 2019 1:33

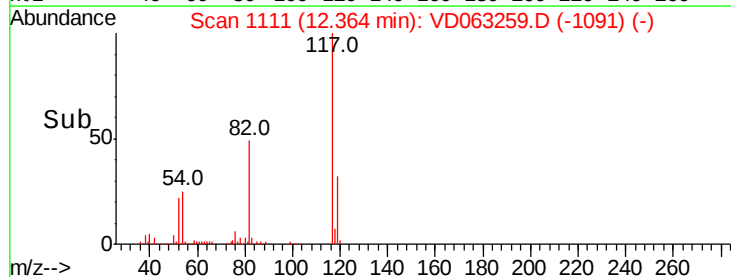
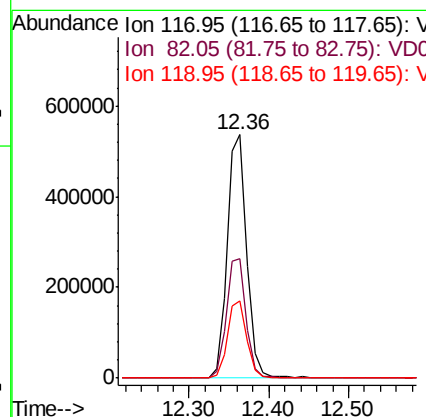
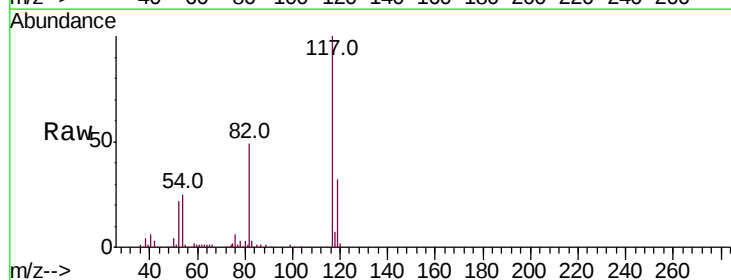
Instrument :
MSVOA_D
ClientSampleId :
SP-9

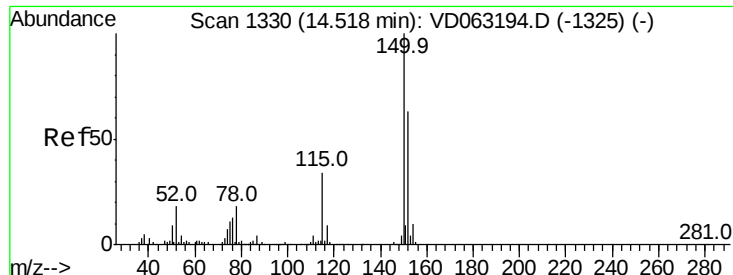
Tot Ion: 95 Resp: 299110
Ion Ratio Lower Upper
95 100
174 72.1 0.0 205.4
176 69.8 0.0 211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063259.D
Acq: 31 Jul 2019 1:33

Tgt Ion: 117 Resp: 926407
Ion Ratio Lower Upper
117 100
82 48.9 40.1 60.1
119 31.7 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063259.D

Acq: 31 Jul 2019 1:33

Instrument :

MSVOA_D

ClientSampleId :

SP-9

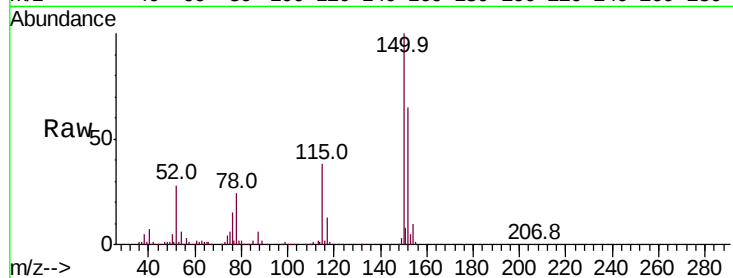
Tot Ion:152 Resp: 309102

Ion Ratio Lower Upper

152 100

115 58.3 27.5 82.4

150 153.8 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

