

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072919\
 Data File : VD063207.D
 Acq On : 29 Jul 2019 18:56
 Operator : VA/AP
 Sample : K4044-17
 Misc : 6.76g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Jul 30 03:52:13 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

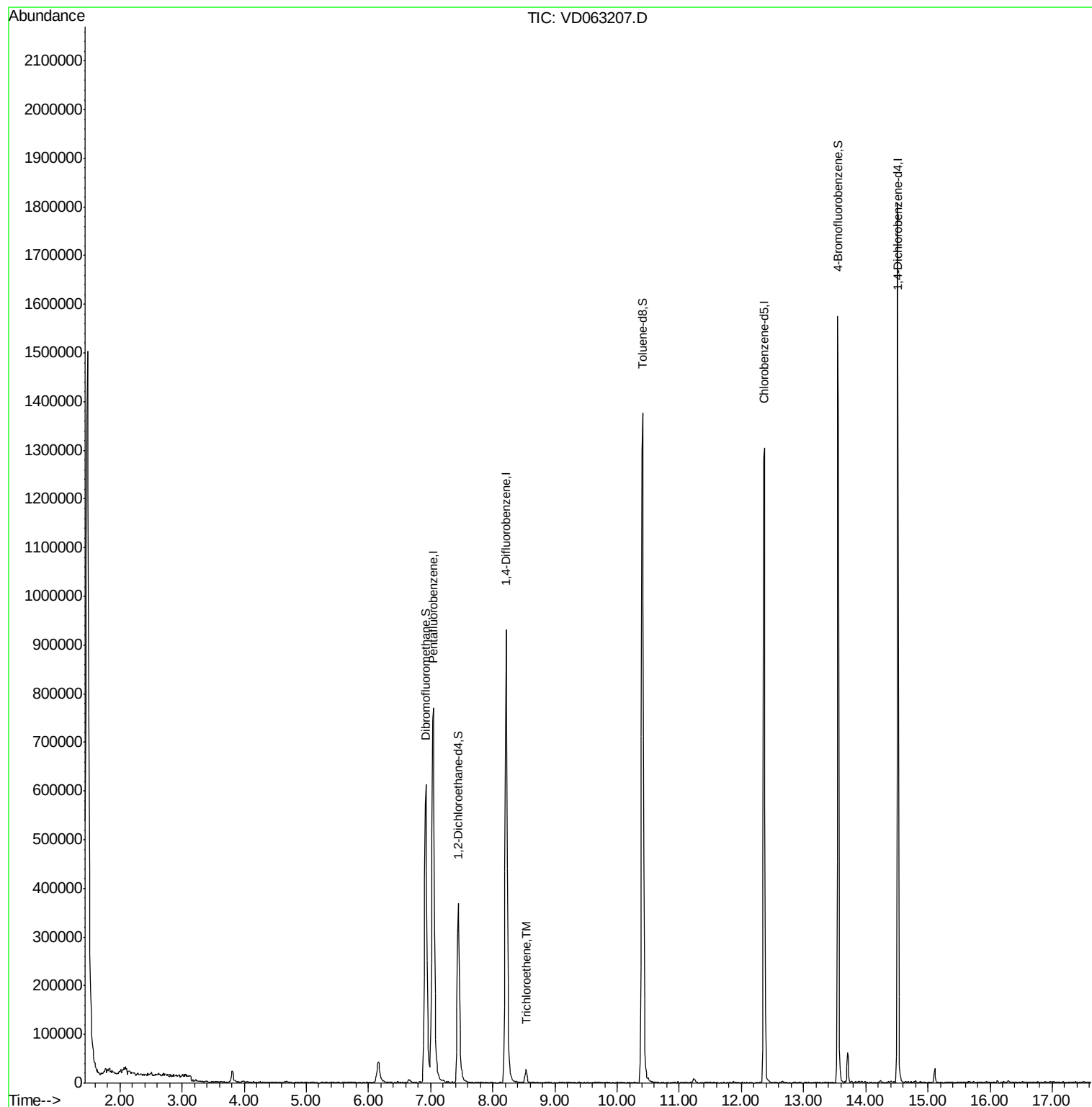
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	755277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1007321	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	768274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	382144	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	428709	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
35) Dibromofluoromethane	6.92	113	532829	61.95	ug/l	0.02
Spiked Amount 50.000			Recovery	=	123.90%	
50) Toluene-d8	10.41	98	1160891	60.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.62%	
62) 4-Bromofluorobenzene	13.55	95	456497	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
Target Compounds						
44) Trichloroethene	8.54	130	11367	1.456	ug/l	Qvalue 66

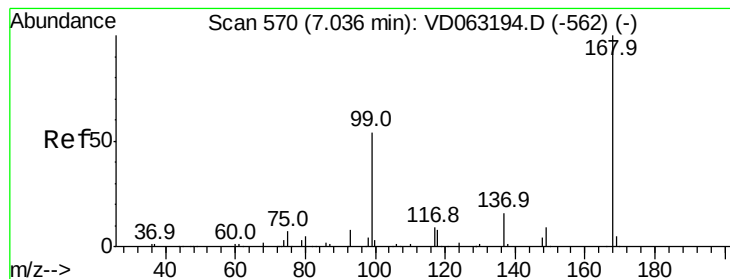
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. 0.01 min

Lab File: VD063207.D

Acq: 29 Jul 2019 18:56

Instrument :

MSVOA_D

ClientSampled :

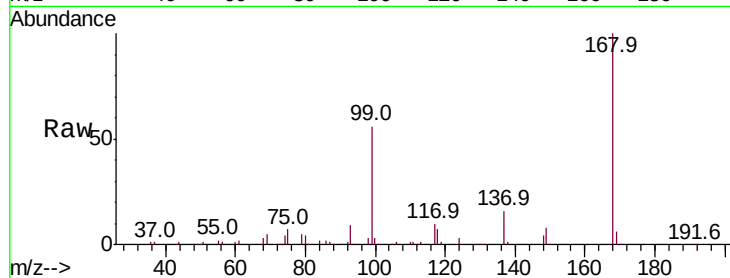
TP-3

Tot Ion:168 Resp: 755277

Ion Ratio Lower Upper

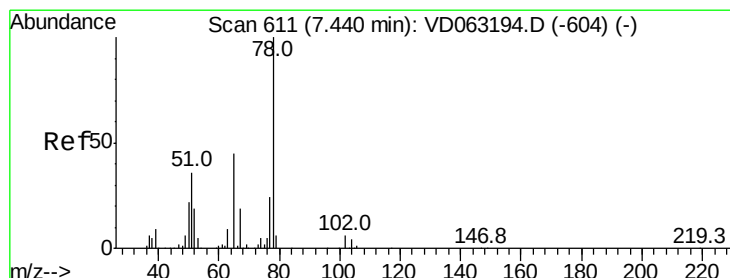
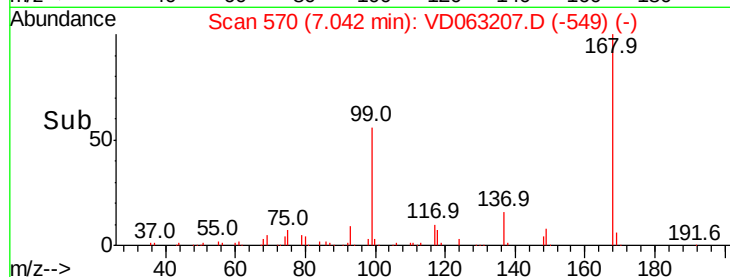
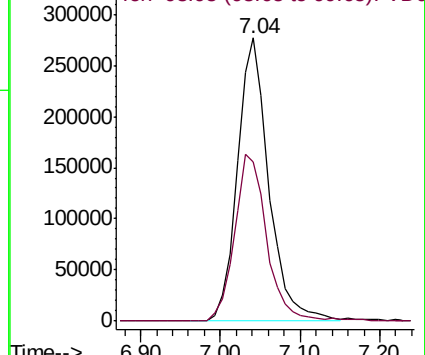
168 100

99 56.2 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 51.155 ug/l

RT: 7.45 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD063207.D

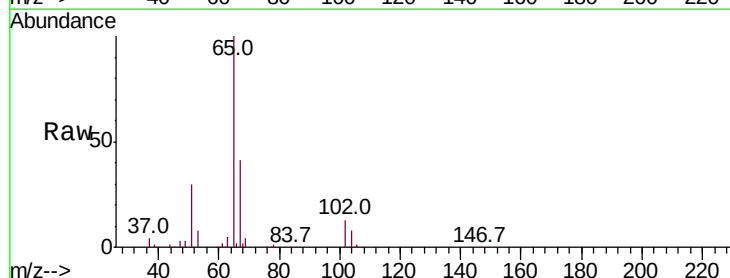
Acq: 29 Jul 2019 18:56

Tgt Ion: 65 Resp: 428709

Ion Ratio Lower Upper

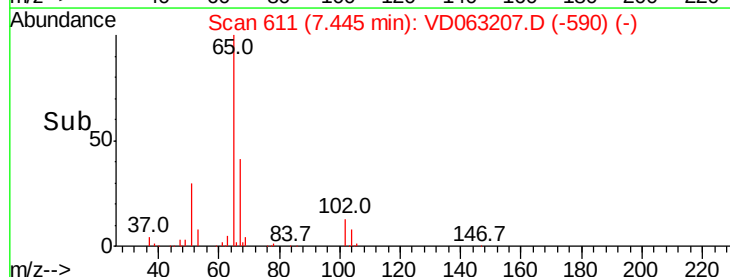
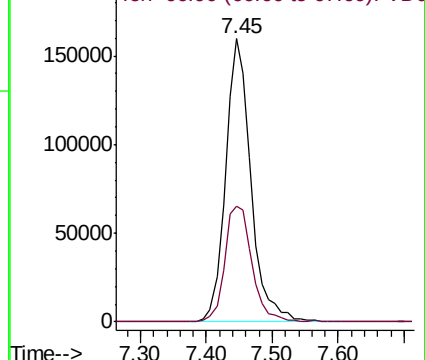
65 100

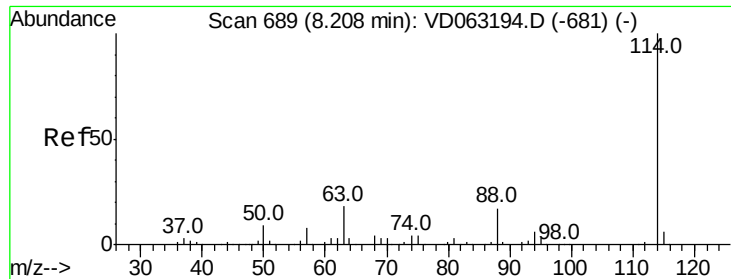
67 41.1 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

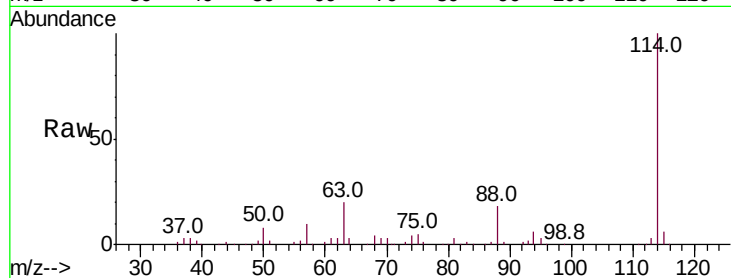




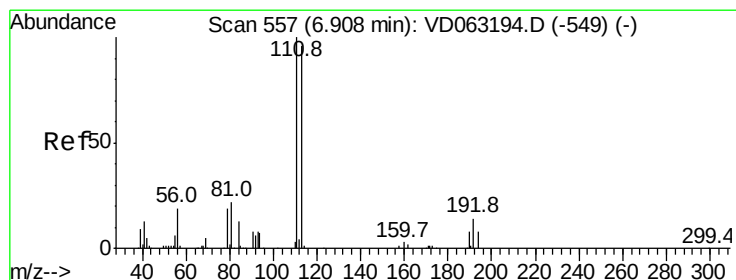
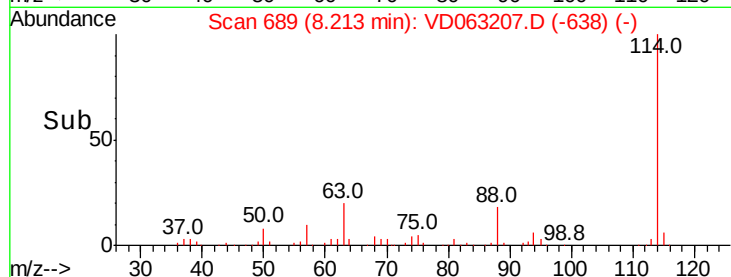
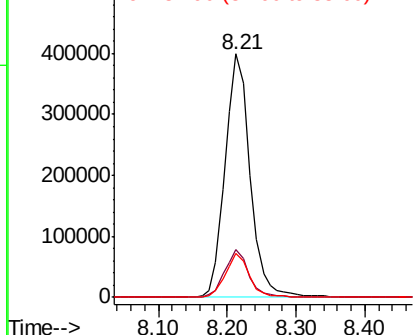
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD063207.D
 Acq: 29 Jul 2019 18:56

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Tot Ion:114 Resp: 1007321
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 35.2
 88 18.1 0.0 34.6

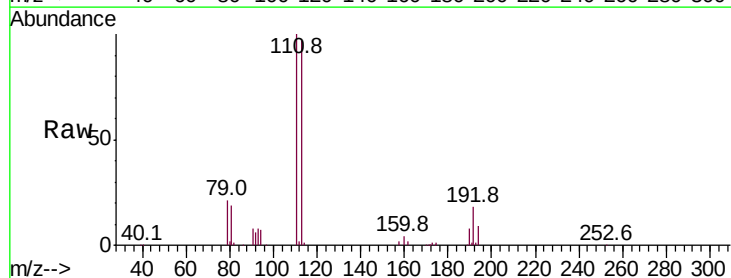


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

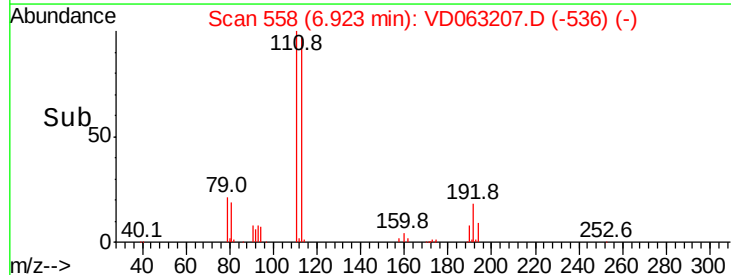
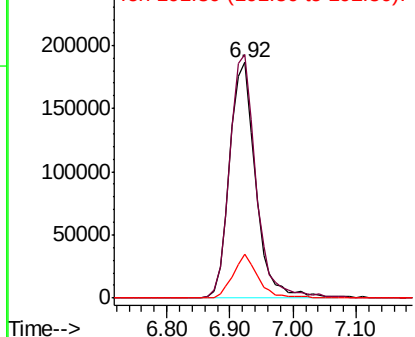


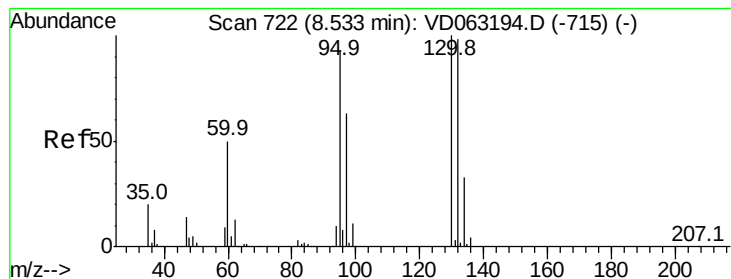
#35
 Dibromofluoromethane
 Concen: 61.954 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD063207.D
 Acq: 29 Jul 2019 18:56

Tgt Ion:113 Resp: 532829
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.2 124.8
 192 18.7 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: 1.456 ug/l

RT: 8.54 min Scan# 722

Delta R.T. 0.01 min

Lab File: VD063207.D

Acq: 29 Jul 2019 18:56

Instrument :

MSVOA_D

ClientSampleId :

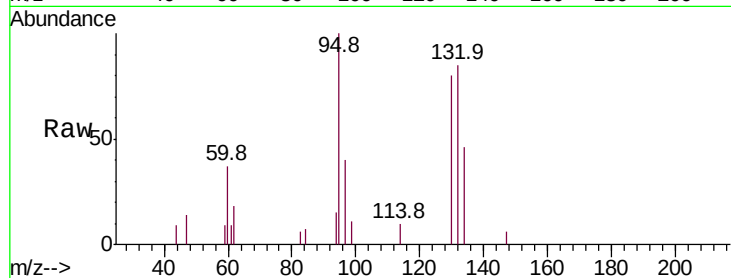
TP-3

Tot Ion:130 Resp: 11367

Ion Ratio Lower Upper

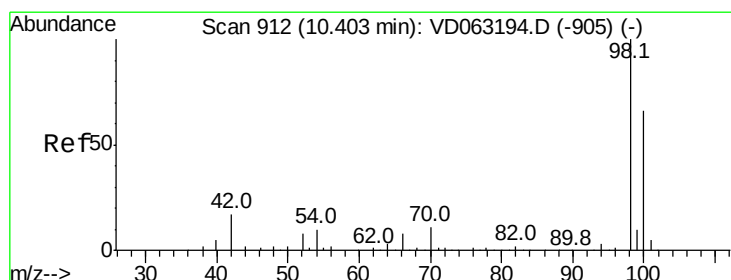
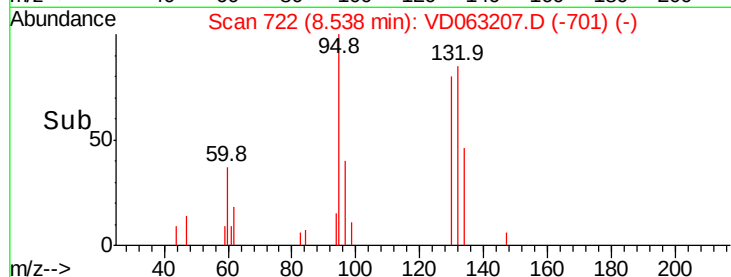
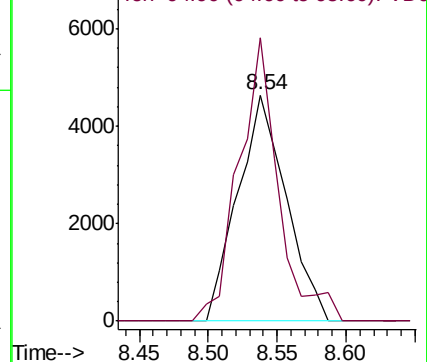
130 100

95 125.3 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: 60.314 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.01 min

Lab File: VD063207.D

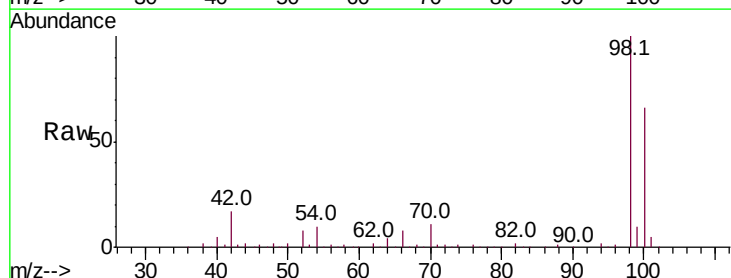
Acq: 29 Jul 2019 18:56

Tgt Ion: 98 Resp: 1160891

Ion Ratio Lower Upper

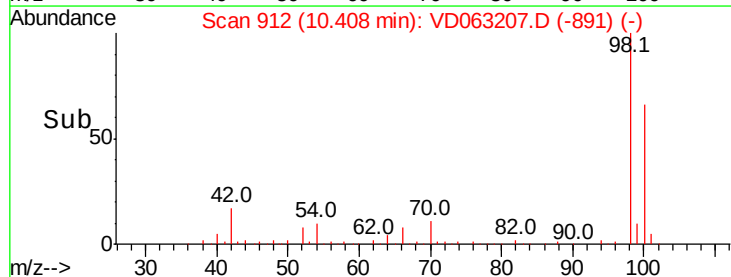
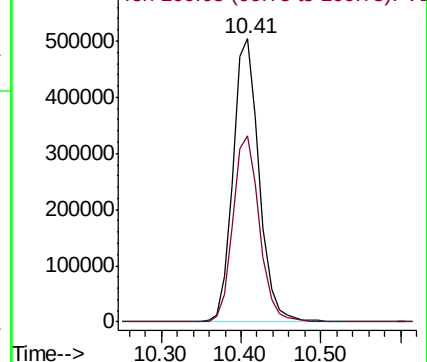
98 100

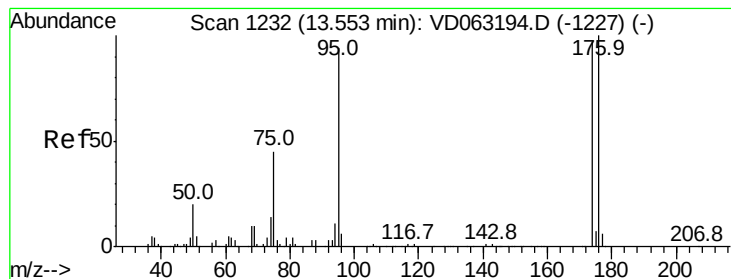
100 65.6 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 52.046 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD063207.D

Acq: 29 Jul 2019 18:56

Instrument :

MSVOA_D

ClientSampled :

TP-3

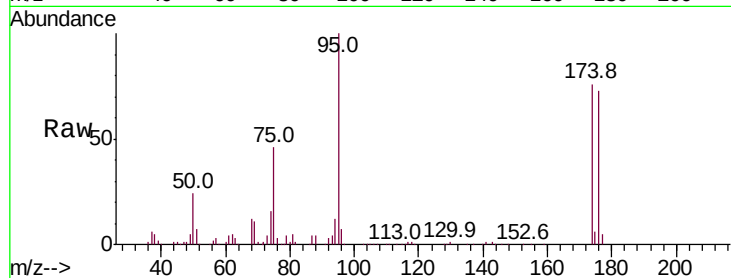
Tot Ion: 95 Resp: 456497

Ion Ratio Lower Upper

95 100

174 75.5 0.0 205.4

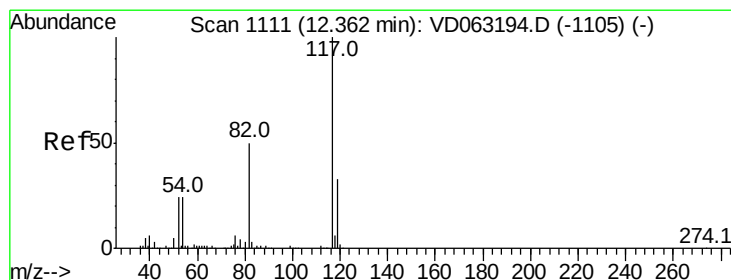
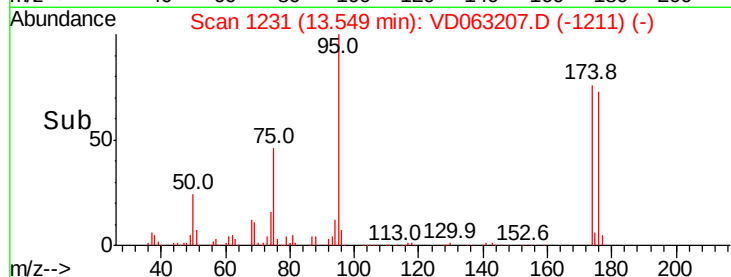
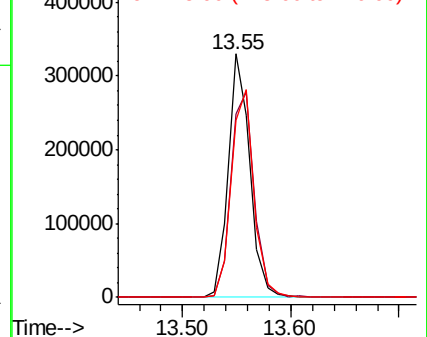
176 72.6 0.0 211.8



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: 12.37 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD063207.D

Acq: 29 Jul 2019 18:56

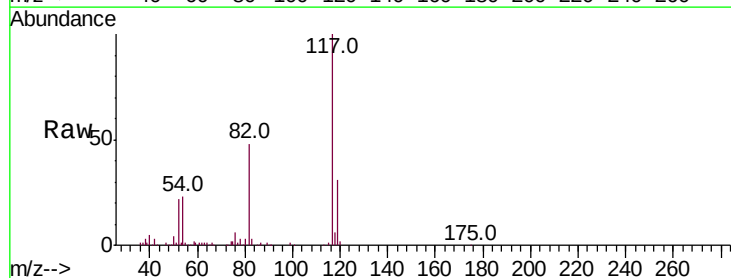
Tgt Ion: 117 Resp: 768274

Ion Ratio Lower Upper

117 100

82 47.8 40.1 60.1

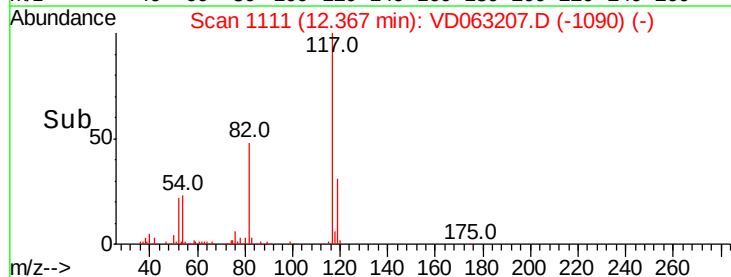
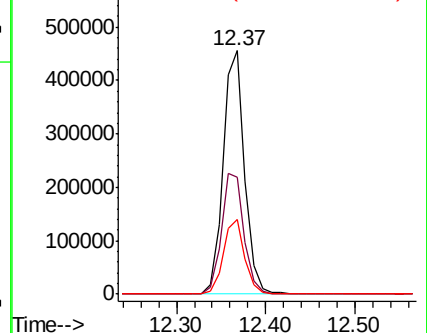
119 30.8 26.5 39.7

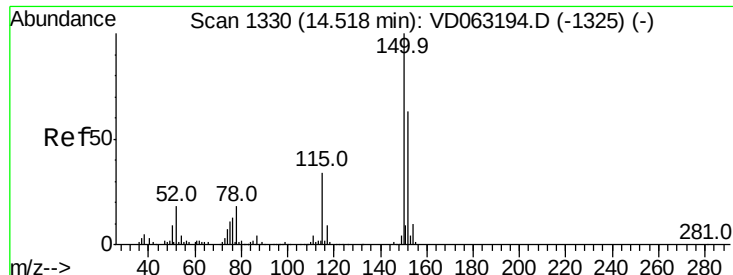


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.51 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD063207.D

Acq: 29 Jul 2019 18:56

Instrument :

MSVOA_D

ClientSampleId :

TP-3

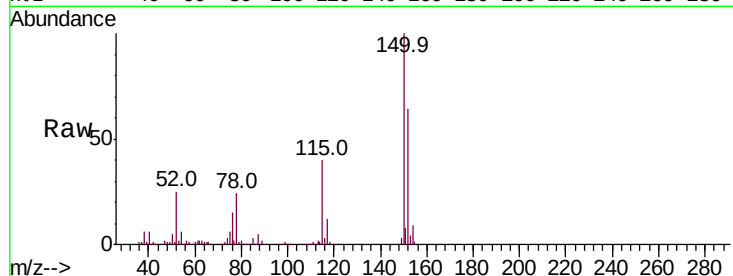
Tot Ion:152 Resp: 382144

Ion Ratio Lower Upper

152 100

115 62.2 27.5 82.4

150 155.8 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

