

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082319\
 Data File : VD063760.D
 Acq On : 23 Aug 2019 12:27
 Operator : JC/SY
 Sample : K4491-04
 Misc : 5.28g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TS-1-VW

Quant Time: Aug 26 01:25:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

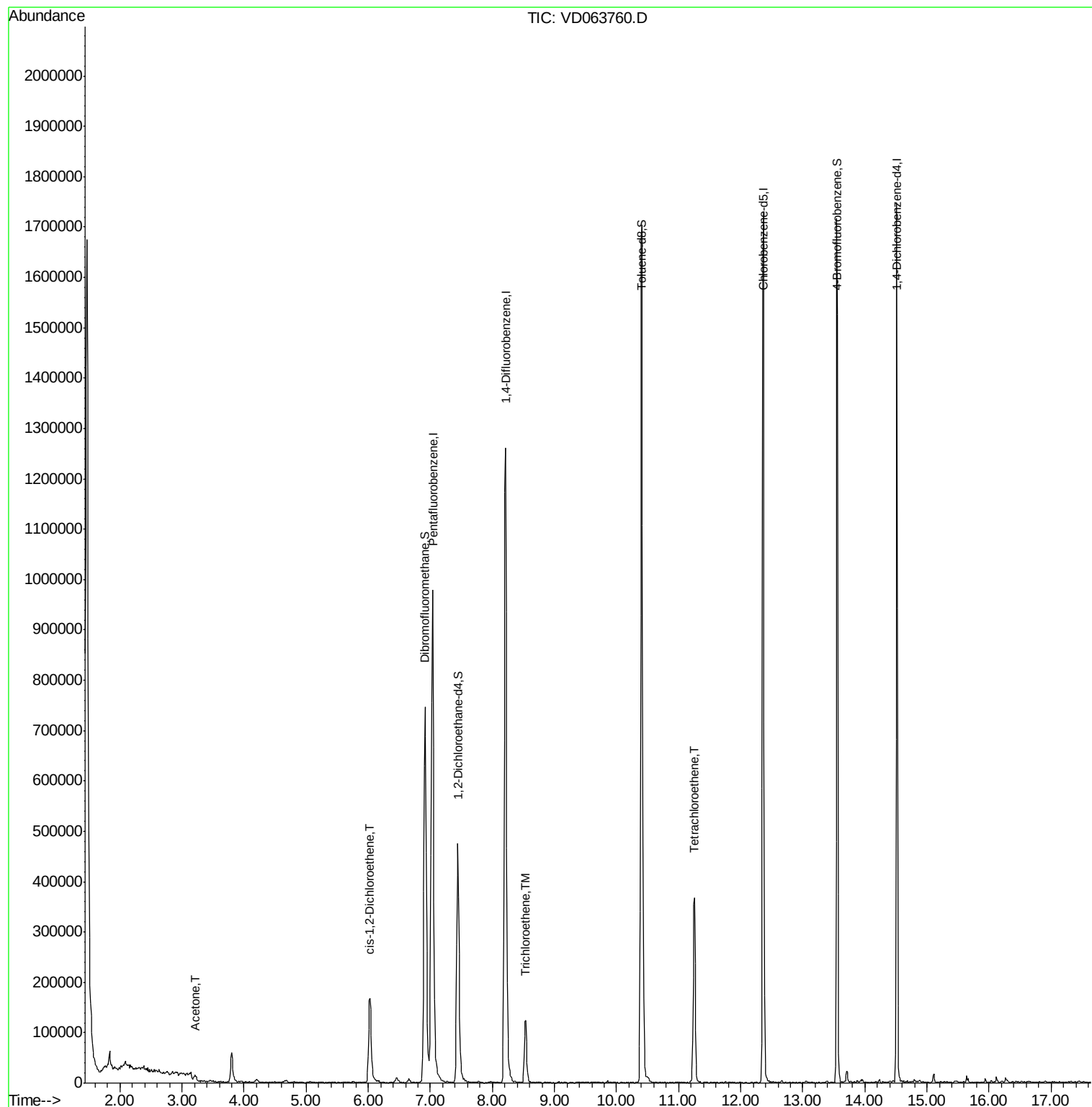
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	975554	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1363104	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	989956	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	366333	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	548146	52.57	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.14%	
35) Dibromofluoromethane	6.91	113	662358	57.70	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	115.40%	
50) Toluene-d8	10.41	98	1441855	57.13	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	114.26%	
62) 4-Bromofluorobenzene	13.55	95	501461	43.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	87.68%	
Target Compounds						
16) Acetone	3.21	43	21635	10.206	ug/l	97
27) cis-1,2-Dichloroethene	6.03	96	105204	11.592	ug/l	90
44) Trichloroethene	8.54	130	55302	5.456	ug/l	92
64) Tetrachloroethene	11.25	164	112846	14.766	ug/l	95

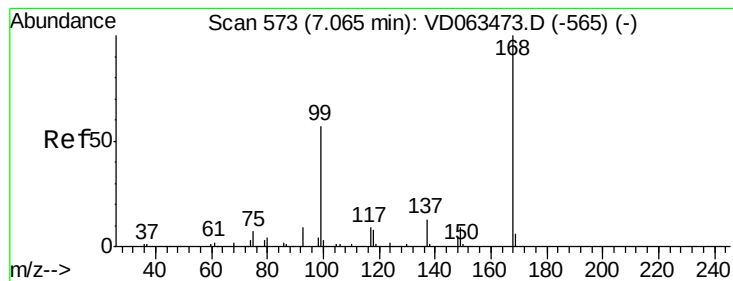
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD063760.D

Acq: 23 Aug 2019 12:27

Instrument :

MSVOA_D

ClientSampleId :

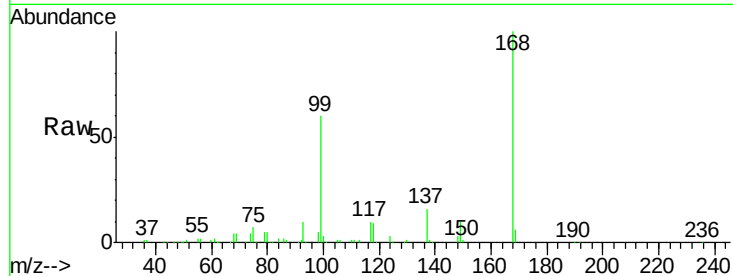
TS-1-VW

Tot Ion:168 Resp: 975554

Ion Ratio Lower Upper

168 100

99 60.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

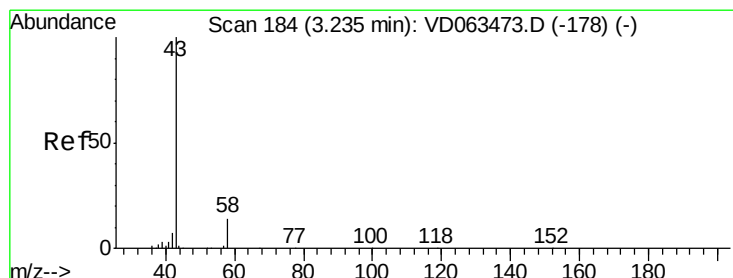
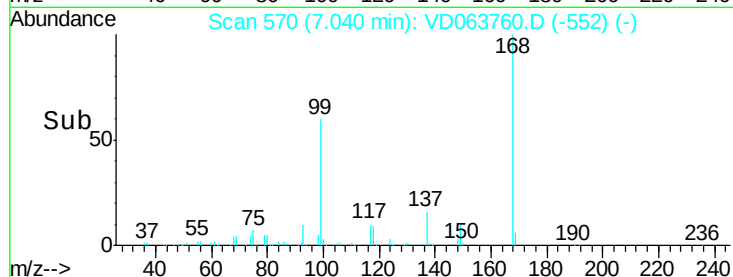
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 10.206 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063760.D

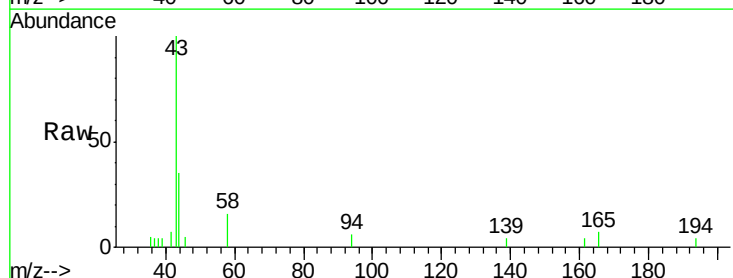
Acq: 23 Aug 2019 12:27

Tgt Ion: 43 Resp: 21635

Ion Ratio Lower Upper

43 100

58 15.6 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

8000

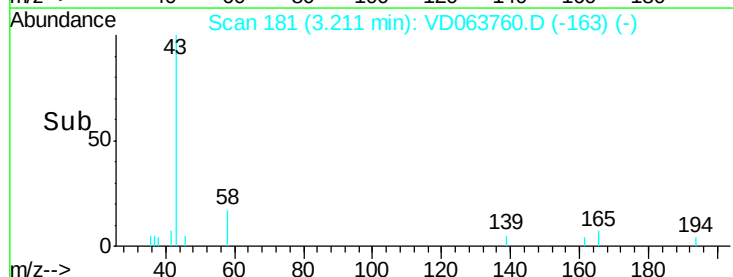
6000

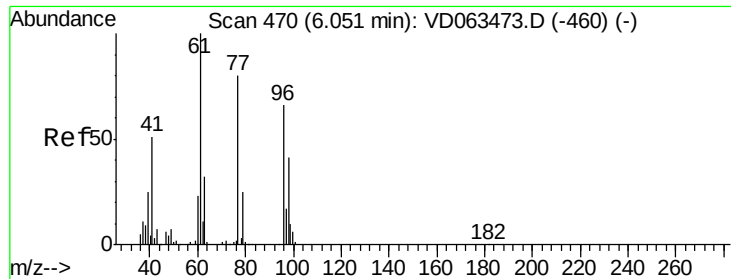
4000

2000

0

Time-->



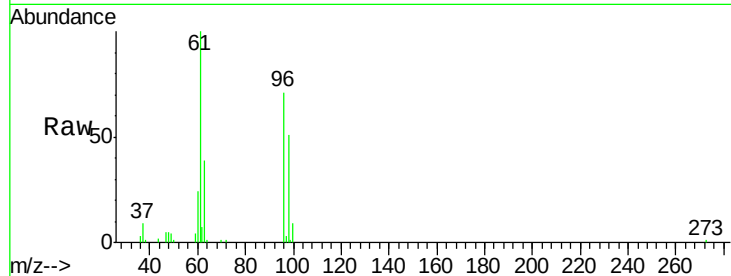


#27

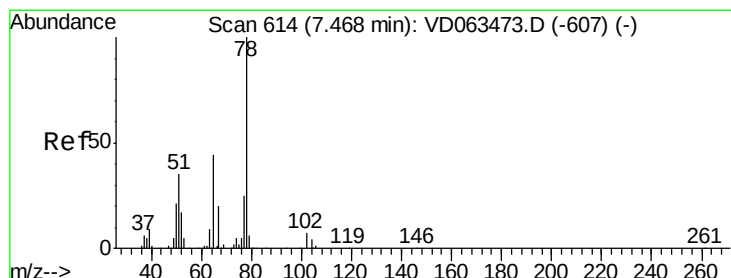
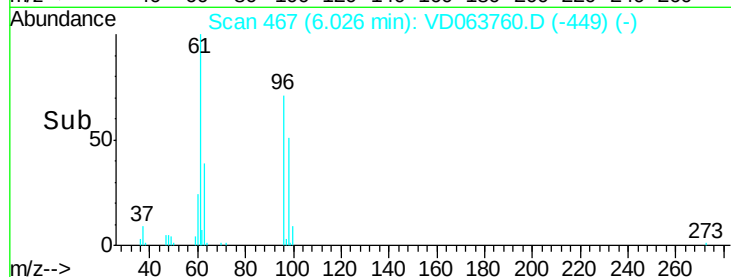
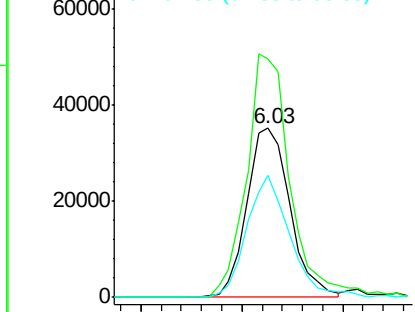
cis-1,2-Dichloroethene
 Concen: 11.592 ug/l
 RT: 6.03 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: VD063760.D
 Acq: 23 Aug 2019 12:27

Instrument :
 MSVOA_D
 ClientSampleId :
 TS-1-VW

Tot Ion	96	Resp	105204
Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	304.0
98	72.0	0.0	124.8



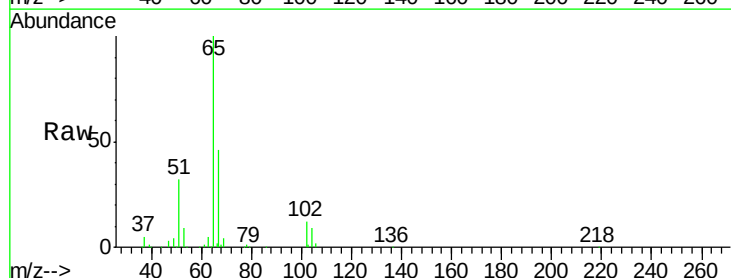
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



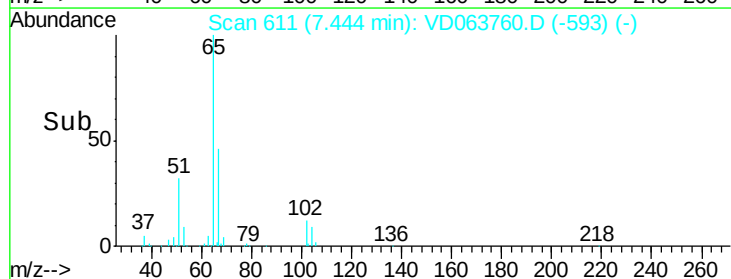
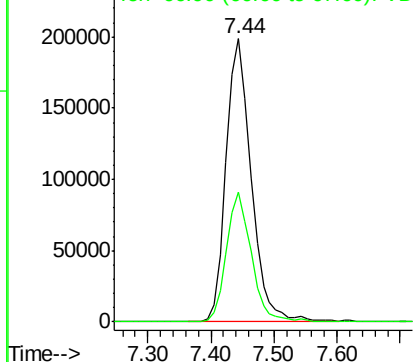
#33

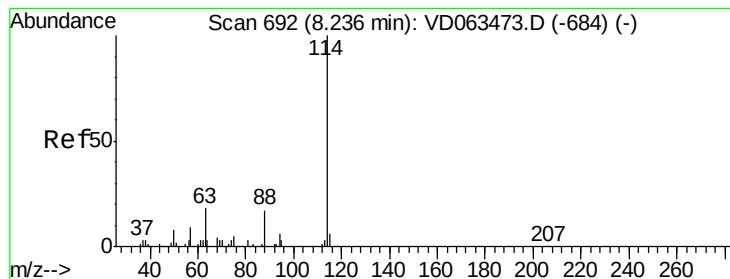
1,2-Dichloroethane-d4
 Concen: 52.565 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: VD063760.D
 Acq: 23 Aug 2019 12:27

Tgt Ion	65	Resp	548146
Ion	Ratio	Lower	Upper
65	100		
67	45.7	0.0	89.2



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. -0.02 min

Lab File: VD063760.D

Acq: 23 Aug 2019 12:27

Instrument :

MSVOA_D

ClientSampleId :

TS-1-VW

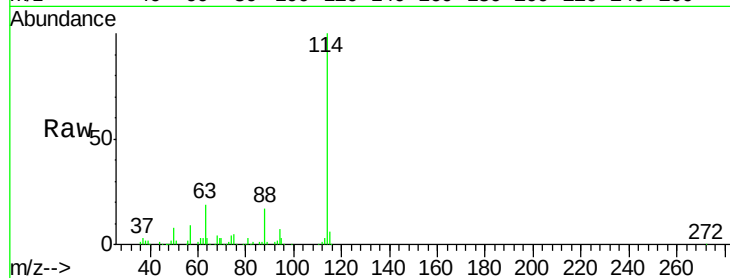
Tot Ion:114 Resp: 1363104

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.2

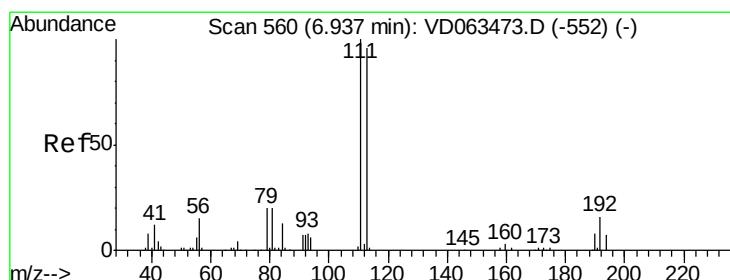
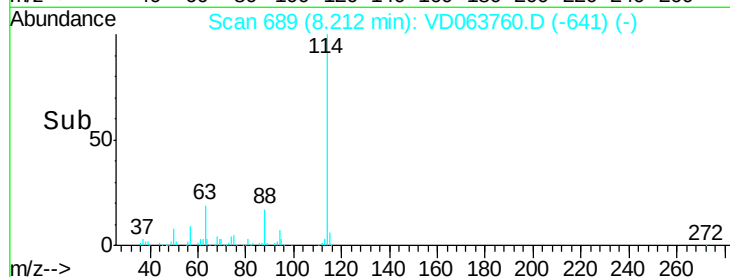
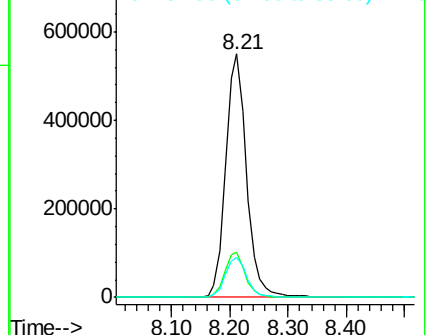
88 16.6 0.0 35.0



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: 57.696 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063760.D

Acq: 23 Aug 2019 12:27

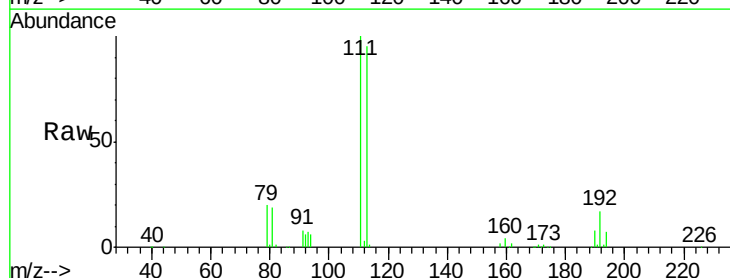
Tgt Ion:113 Resp: 662358

Ion Ratio Lower Upper

113 100

111 105.4 83.1 124.7

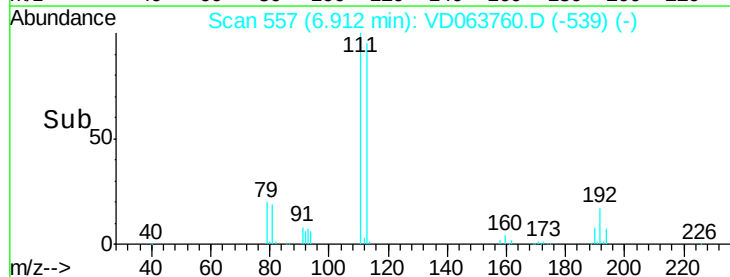
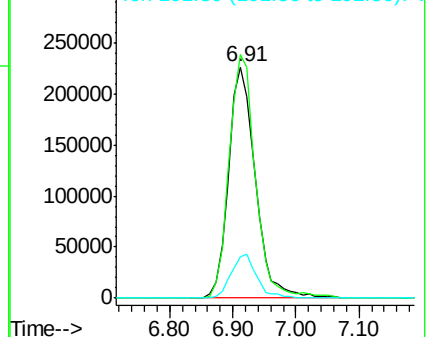
192 17.7 13.1 19.7

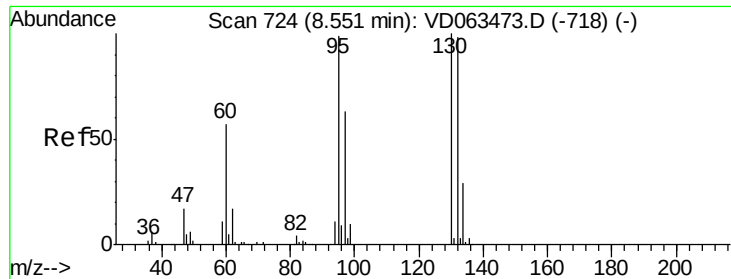


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#44

Trichloroethene

Concen: 5.456 ug/l

RT: 8.54 min Scan# 722

Delta R.T. -0.01 min

Lab File: VD063760.D

Acq: 23 Aug 2019 12:27

Instrument :

MSVOA_D

ClientSampleId :

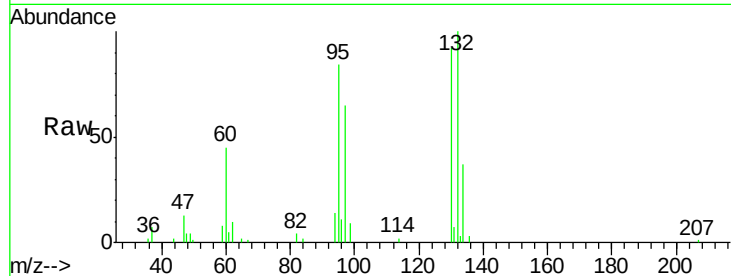
TS-1-VW

Tot Ion:130 Resp: 55302

Ion Ratio Lower Upper

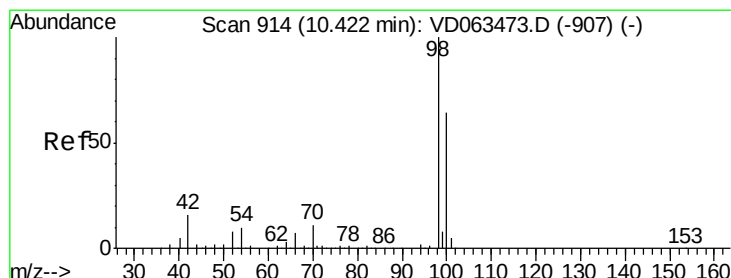
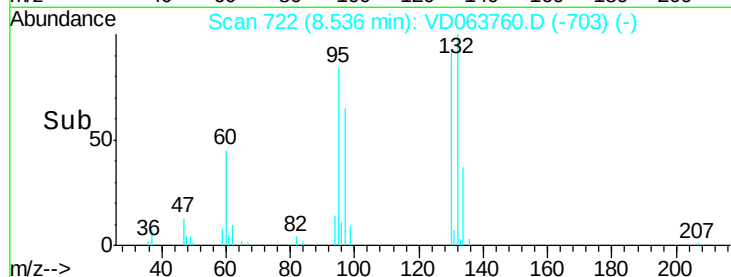
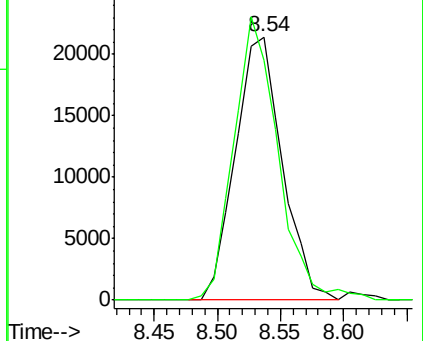
130 100

95 91.2 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: 57.127 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD063760.D

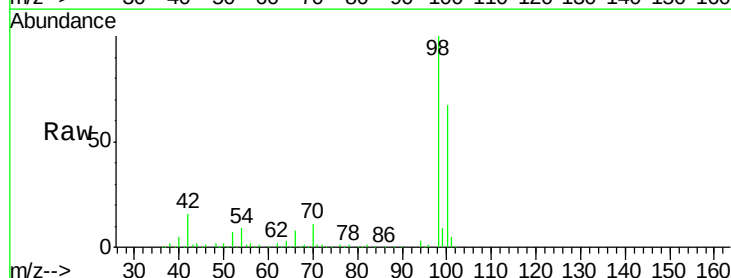
Acq: 23 Aug 2019 12:27

Tgt Ion: 98 Resp: 1441855

Ion Ratio Lower Upper

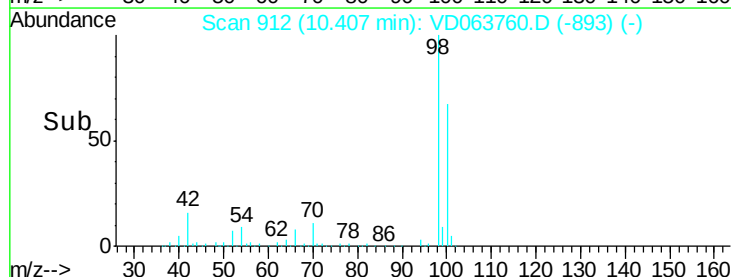
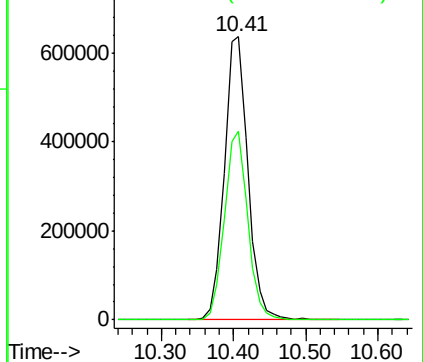
98 100

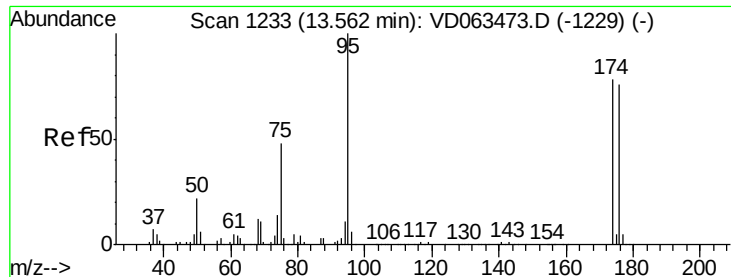
100 66.5 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 43.835 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063760.D

Acq: 23 Aug 2019 12:27

Instrument :

MSVOA_D

ClientSampled :

TS-1-VW

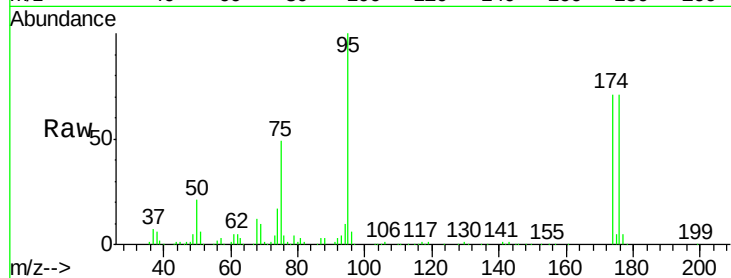
Tot Ion: 95 Resp: 501461

Ion Ratio Lower Upper

95 100

174 70.7 0.0 155.4

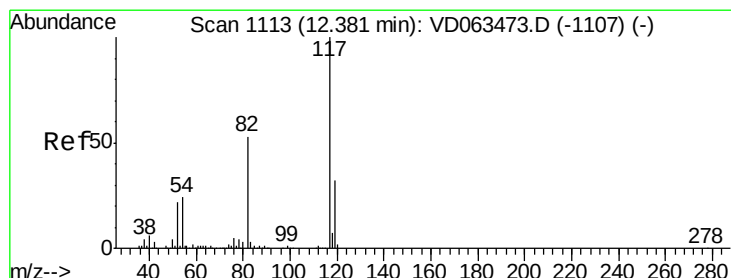
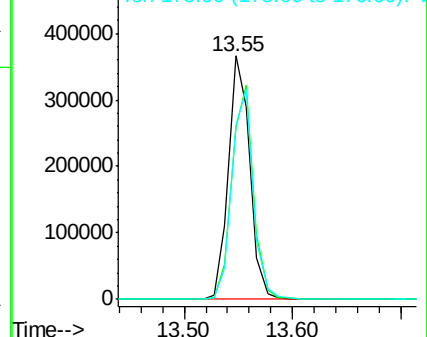
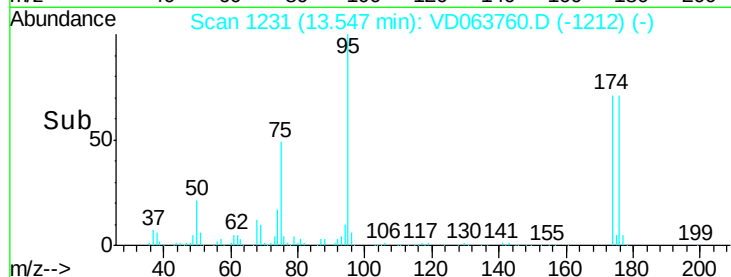
176 71.5 0.0 152.4



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: VD063760.D

Acq: 23 Aug 2019 12:27

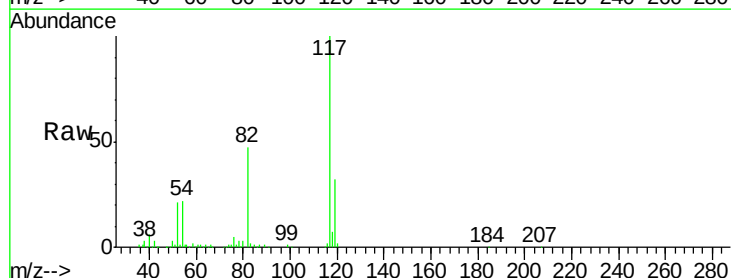
Tgt Ion: 117 Resp: 989956

Ion Ratio Lower Upper

117 100

82 46.7 42.0 63.0

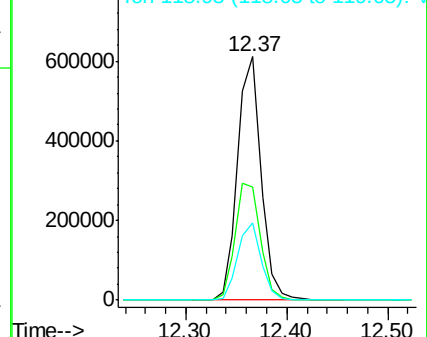
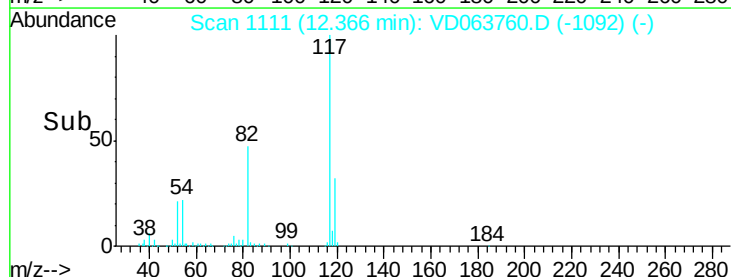
119 32.0 25.4 38.0

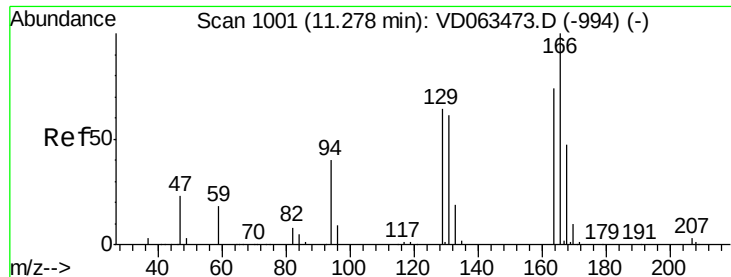


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

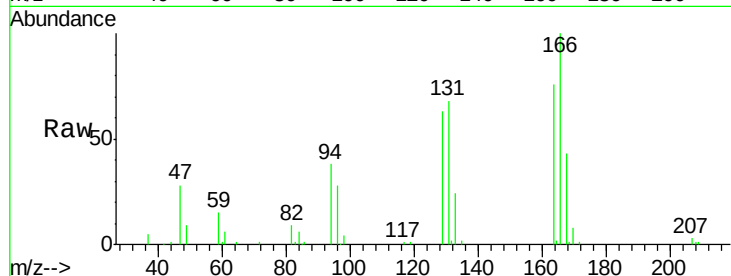




#64
Tetrachloroethene
Concen: 14.766 ug/l
RT: 11.25 min Scan# 998
Delta R.T. -0.02 min
Lab File: VD063760.D
Acq: 23 Aug 2019 12:27

Instrument :
MSVOA_D
ClientSampleId :
TS-1-VW

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.7	108.6	163.0
129	81.9	69.0	103.6
131	89.1	66.6	99.8



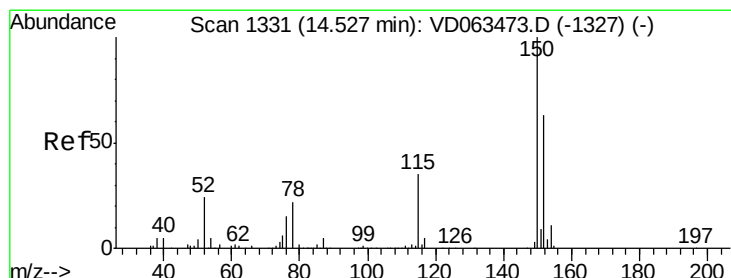
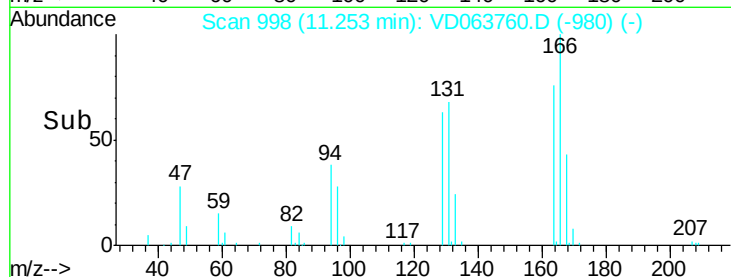
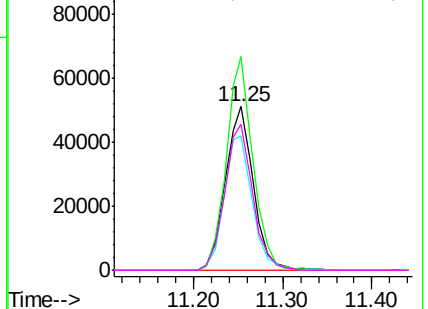
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

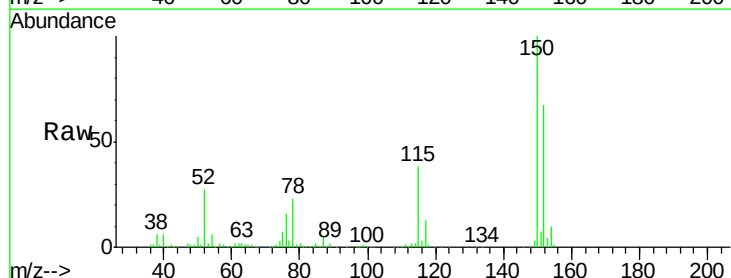
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063760.D
Acq: 23 Aug 2019 12:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	30.9	92.7
150	149.6	0.0	318.6



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

