

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
 Data File : VD063636.D
 Acq On : 16 Aug 2019 14:27
 Operator : JC/SY
 Sample : K4356-11RE
 Misc : 2.80µl/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6RE

Quant Time: Aug 17 06:52:46 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

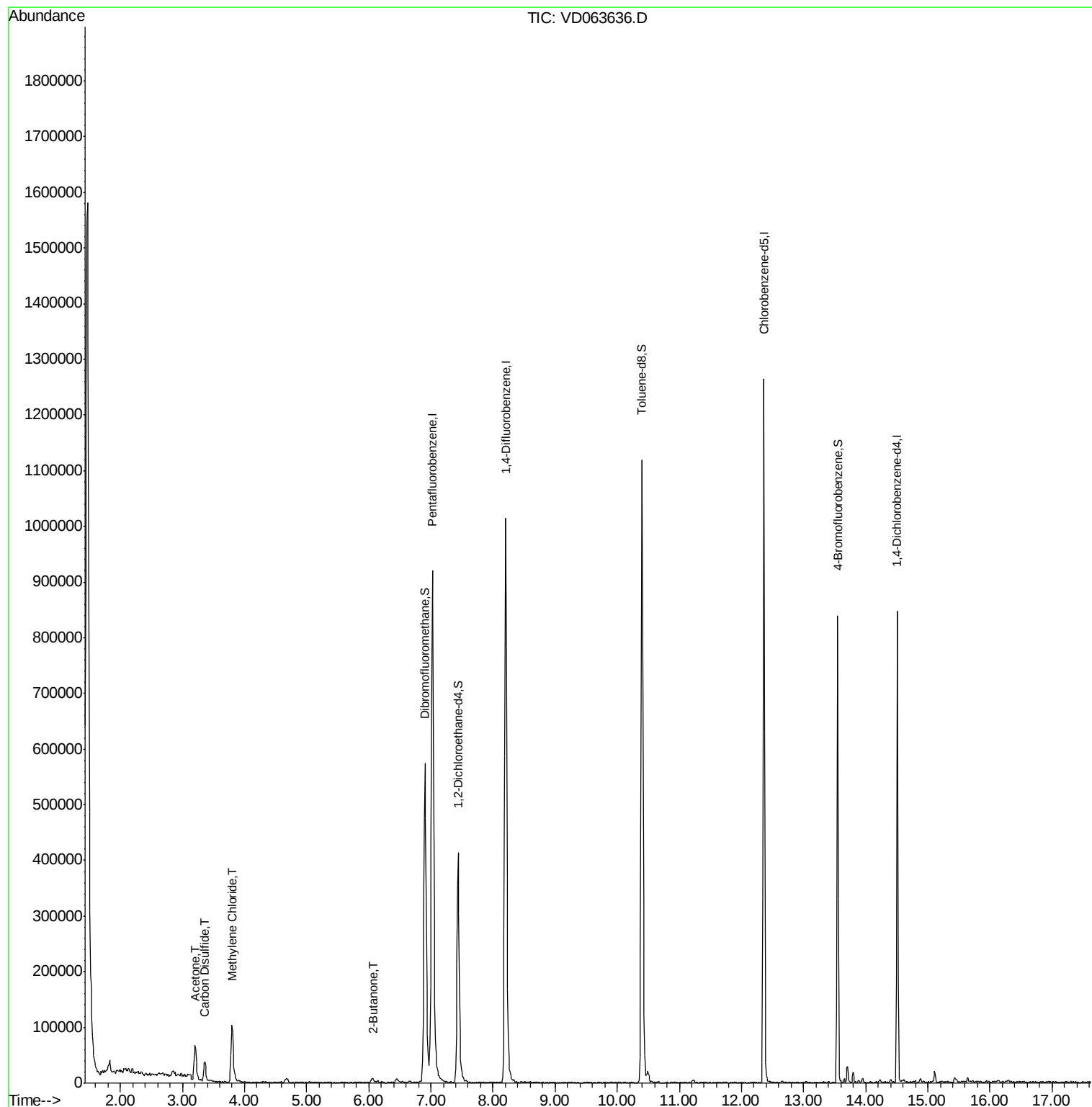
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	885609	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1126859	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	684201	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	195983	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	442558	46.75	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	93.50%	
35) Dibromofluoromethane	6.91	113	491575	51.80	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	103.60%	
50) Toluene-d8	10.39	98	952107	45.63	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	91.26%	
62) 4-Bromofluorobenzene	13.55	95	244302	25.83	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	51.66%	
Target Compounds						
16) Acetone	3.21	43	123062	63.950	ug/l	95
17) Carbon Disulfide	3.36	76	67156	2.973	ug/l	98
20) Methylene Chloride	3.80	84	62259	7.482	ug/l #	91
25) 2-Butanone	6.07	43	15887	8.359	ug/l	96

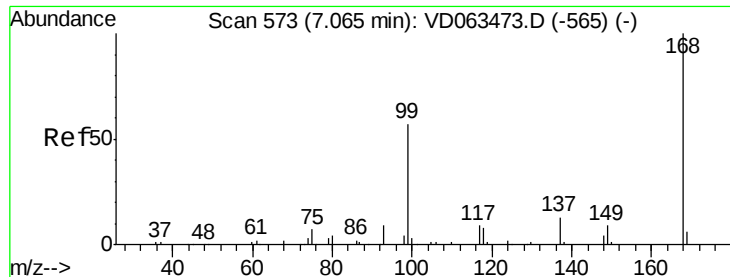
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081619\
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Quant Time: Aug 17 06:52:46 2019
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: 7.03 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063636.D

Acq: 16 Aug 2019 14:27

Instrument :

MSVOA_D

ClientSampleId :

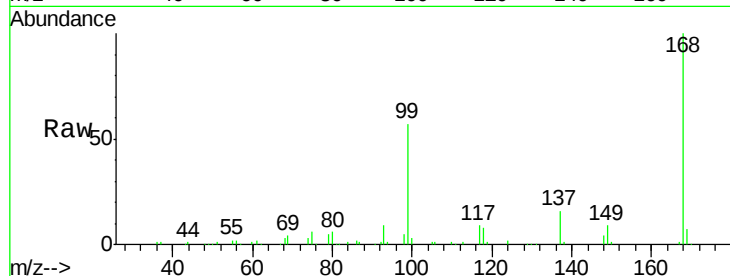
TP-6RE

Tot Ion:168 Resp: 885609

Ion Ratio Lower Upper

168 100

99 56.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

300000

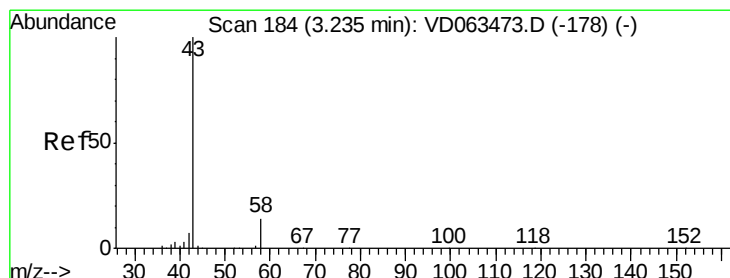
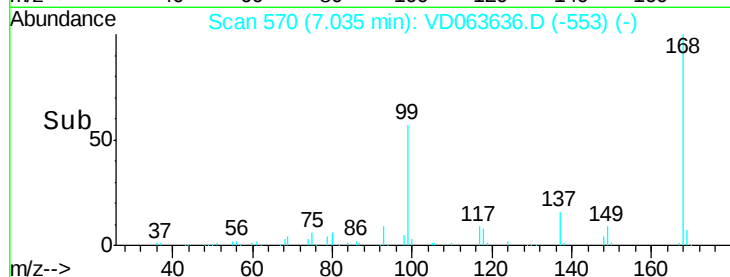
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 63.950 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063636.D

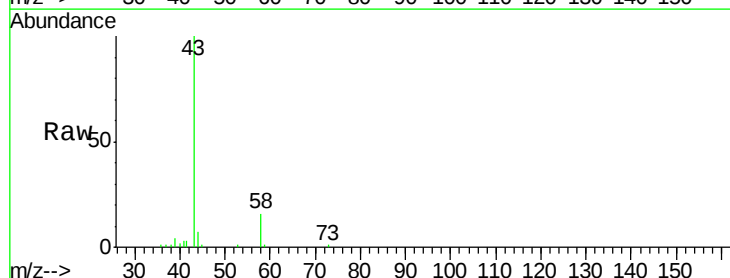
Acq: 16 Aug 2019 14:27

Tgt Ion: 43 Resp: 123062

Ion Ratio Lower Upper

43 100

58 16.3 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

50000

40000

30000

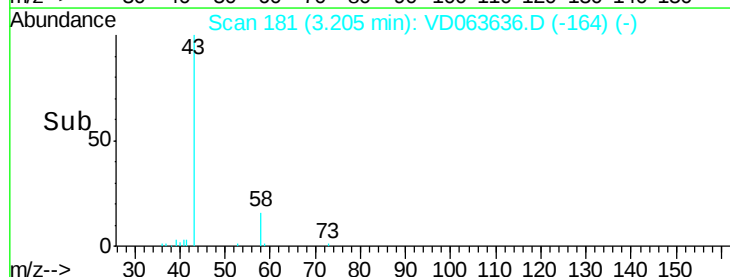
20000

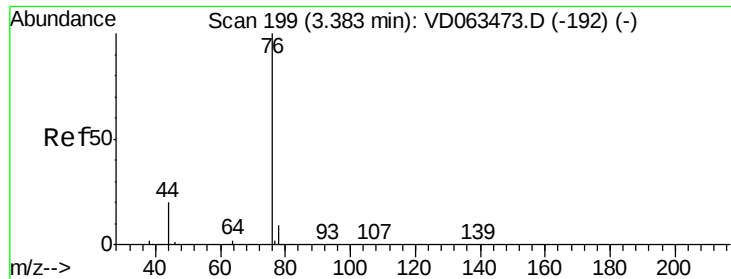
10000

0

Time-->

3.10 3.20 3.30 3.40

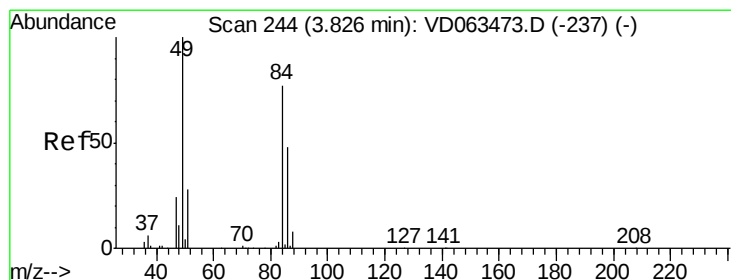
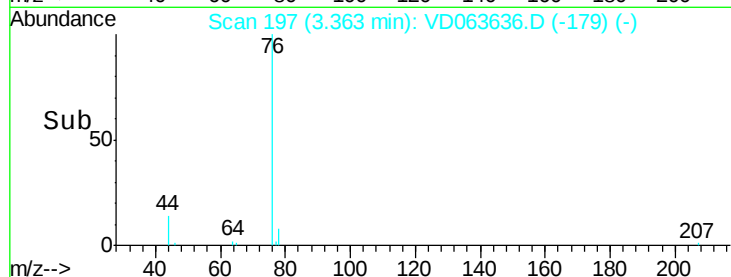
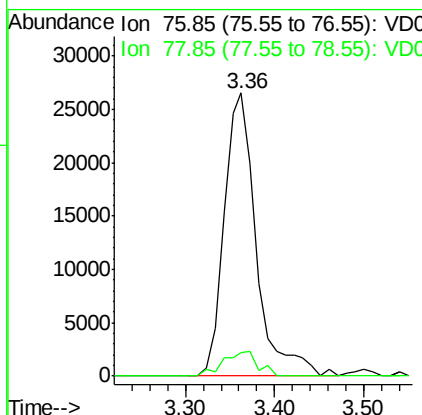
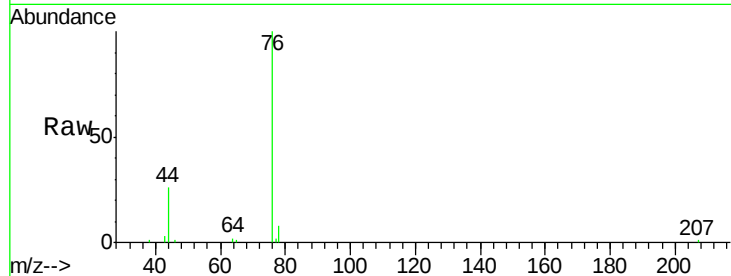




#17
Carbon Disulfide
Concen: 2.973 ug/l
RT: 3.36 min Scan# 197
Delta R.T. -0.02 min
Lab File: VD063636.D
Acq: 16 Aug 2019 14:27

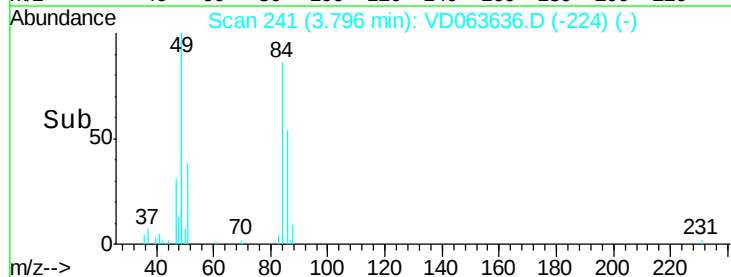
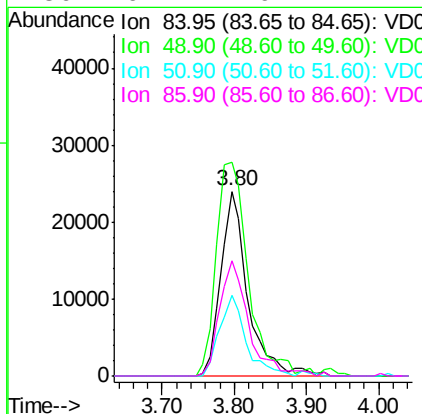
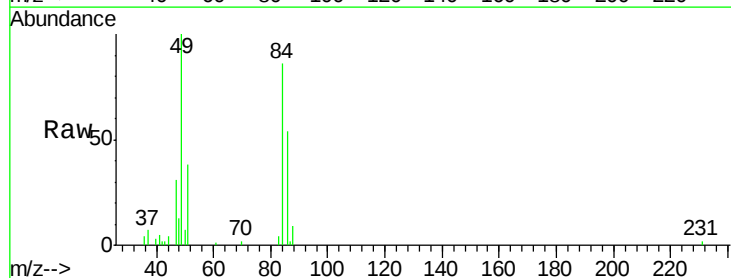
Instrument :
MSVOA_D
ClientSampleId :
TP-6RE

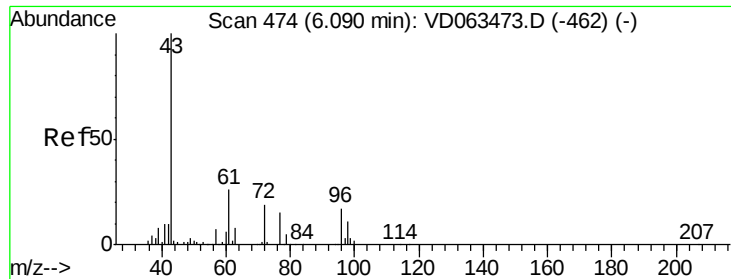
Tot Ion: 76 Resp: 67156
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#20
Methylene Chloride
Concen: 7.482 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.03 min
Lab File: VD063636.D
Acq: 16 Aug 2019 14:27

Tgt Ion: 84 Resp: 62259
Ion Ratio Lower Upper
84 100
49 115.8 103.4 155.2
51 43.9 28.5 42.7#
86 62.4 49.4 74.2





#25

2-Butanone

Concen: 8.359 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.02 min

Lab File: VD063636.D

Acq: 16 Aug 2019 14:27

Instrument :

MSVOA_D

ClientSampleId :

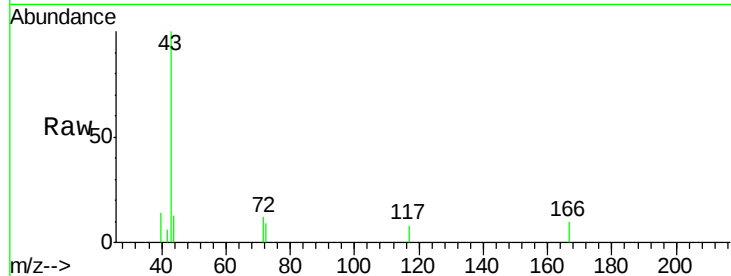
TP-6RE

Tot Ion: 43 Resp: 15887

Ion Ratio Lower Upper

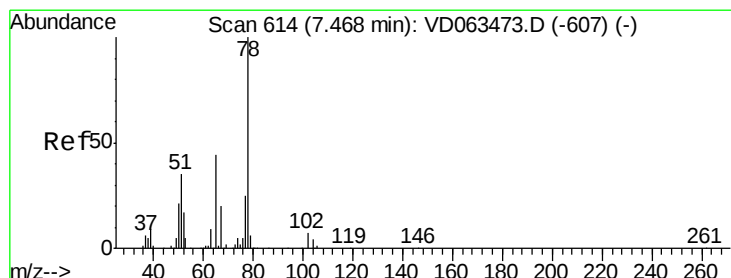
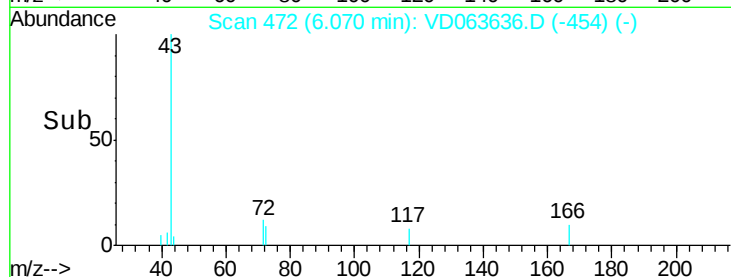
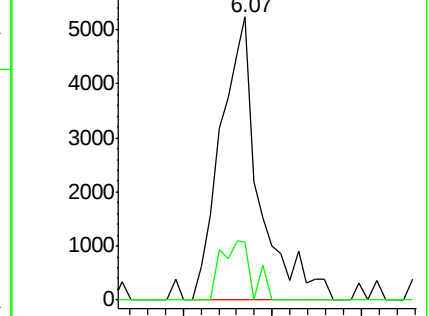
43 100

72 20.7 15.1 22.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 46.750 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063636.D

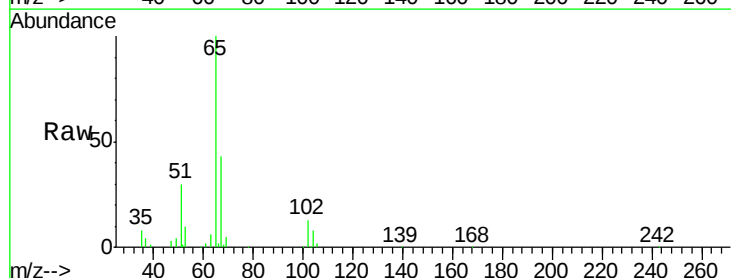
Acq: 16 Aug 2019 14:27

Tgt Ion: 65 Resp: 442558

Ion Ratio Lower Upper

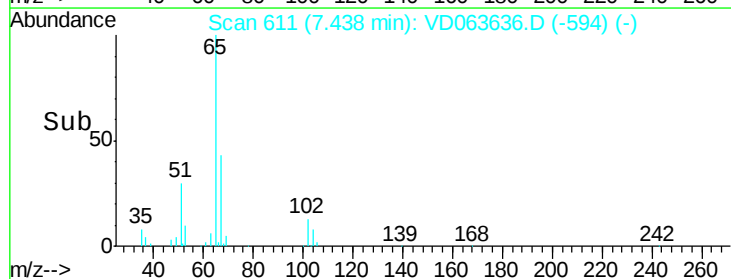
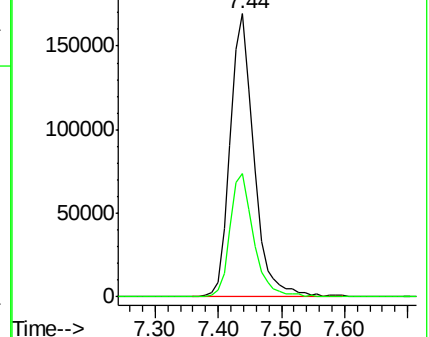
65 100

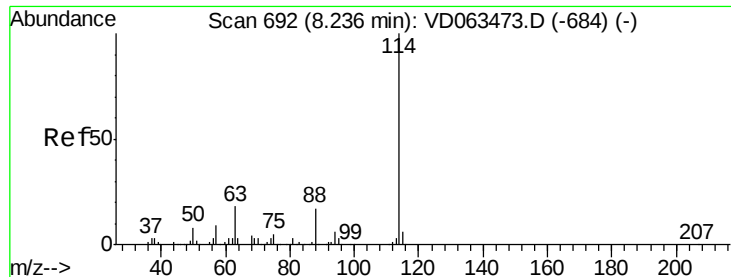
67 43.4 0.0 89.2



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. -0.03 min

Lab File: VD063636.D

Acq: 16 Aug 2019 14:27

Instrument :

MSVOA_D

ClientSampleId :

TP-6RE

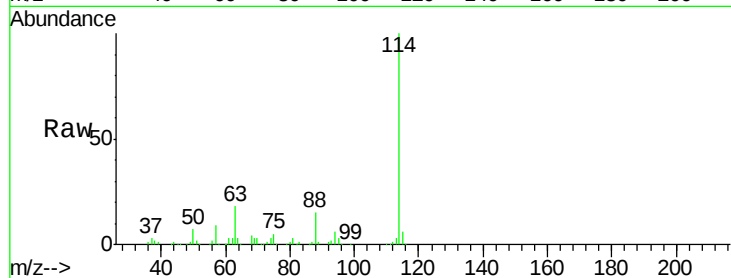
Tot Ion:114 Resp: 1126859

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.2

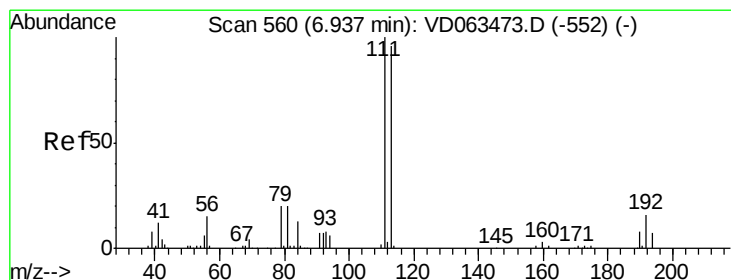
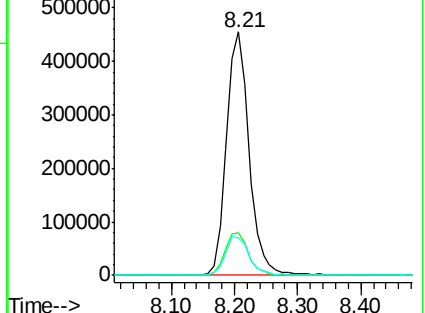
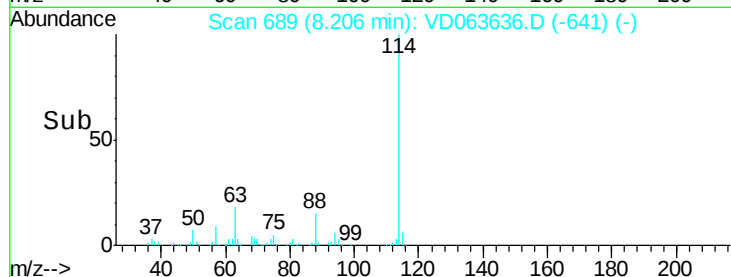
88 15.4 0.0 35.0



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: 51.797 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063636.D

Acq: 16 Aug 2019 14:27

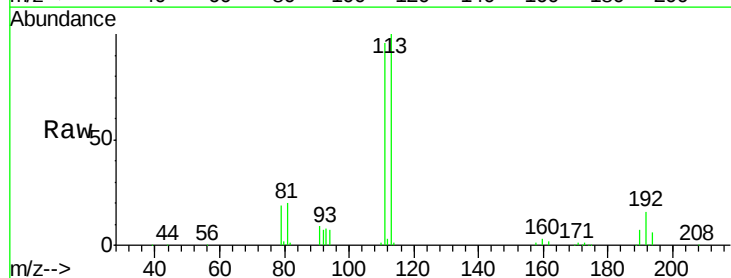
Tgt Ion:113 Resp: 491575

Ion Ratio Lower Upper

113 100

111 96.4 83.1 124.7

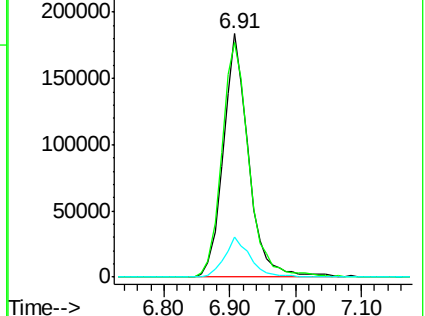
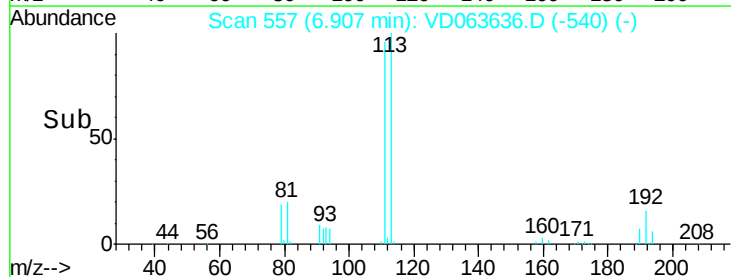
192 16.3 13.1 19.7

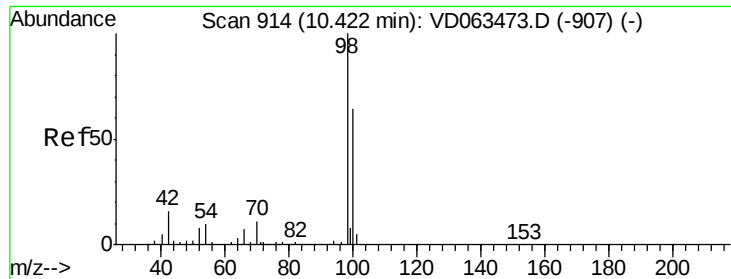


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 45.631 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.03 min

Lab File: VD063636.D

Acq: 16 Aug 2019 14:27

Instrument :

MSVOA_D

ClientSampleId :

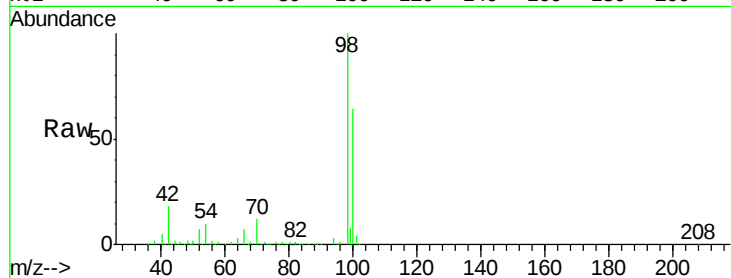
TP-6RE

Tot Ion: 98 Resp: 952107

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VD063473.D (-907) (-)

Ion 100.05 (99.75 to 100.75): VD063473.D (-907) (-)

10.39

400000

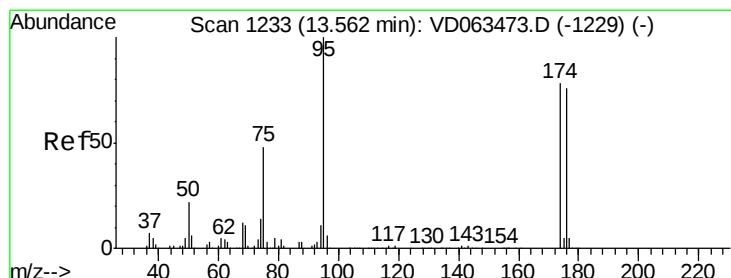
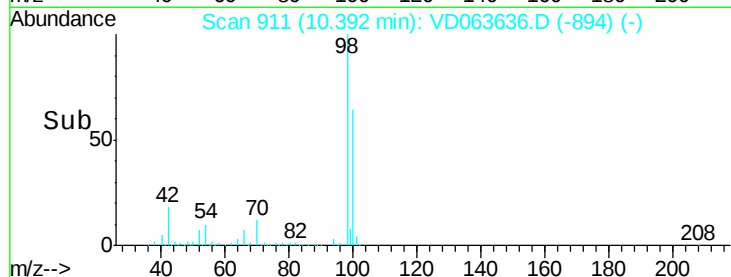
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 25.833 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063636.D

Acq: 16 Aug 2019 14:27

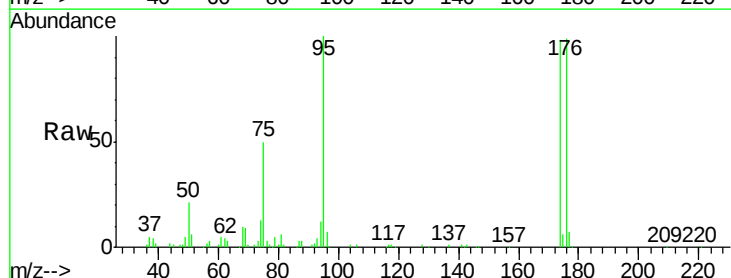
Tgt Ion: 95 Resp: 244302

Ion Ratio Lower Upper

95 100

174 97.5 0.0 155.4

176 99.4 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VD063473.D (-1229) (-)

Ion 173.90 (173.60 to 174.60): VD063473.D (-1229) (-)

Ion 175.90 (175.60 to 176.60): VD063473.D (-1229) (-)

200000

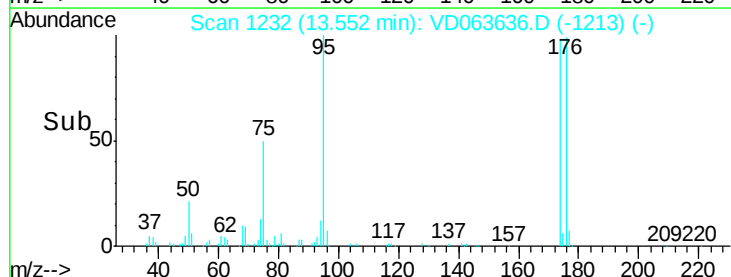
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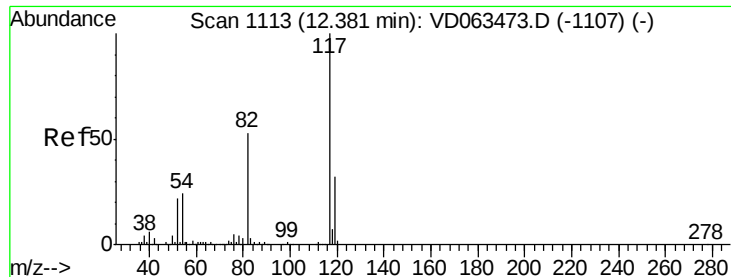
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50000

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Time-->

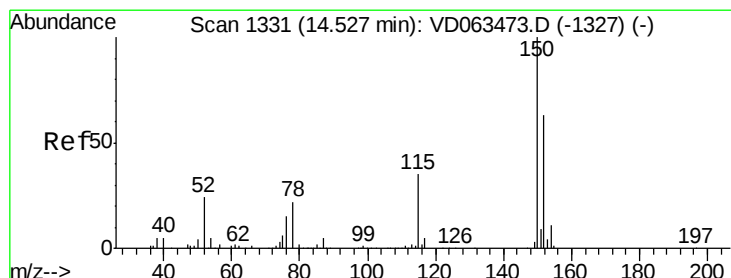
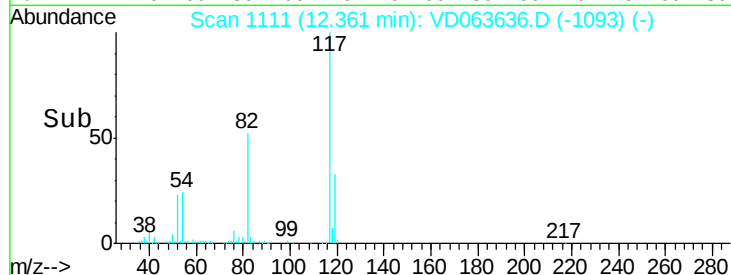
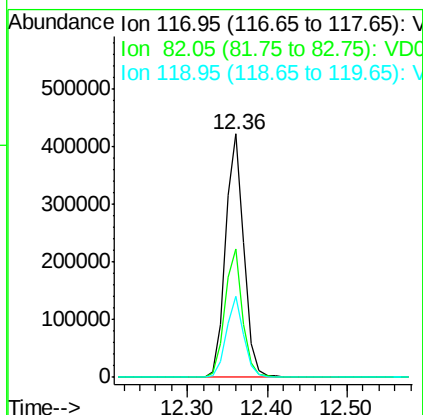
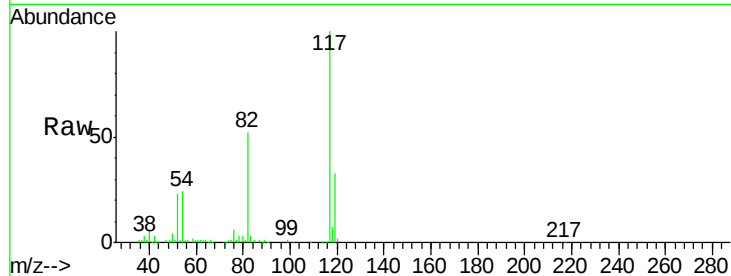




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063636.D
Acq: 16 Aug 2019 14:27

Instrument :
MSVOA_D
ClientSampled :
TP-6RE

Tot Ion:117 Resp: 684201
Ion Ratio Lower Upper
117 100
82 52.5 42.0 63.0
119 33.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063636.D
Acq: 16 Aug 2019 14:27

Tgt Ion:152 Resp: 195983
Ion Ratio Lower Upper
152 100
115 56.8 30.9 92.7
150 158.5 0.0 318.6

