

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
 Data File : VD063637.D
 Acq On : 16 Aug 2019 14:54
 Operator : JC/SY
 Sample : K4356-13RE
 Misc : 2.61g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7RE

Quant Time: Aug 17 06:55:30 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

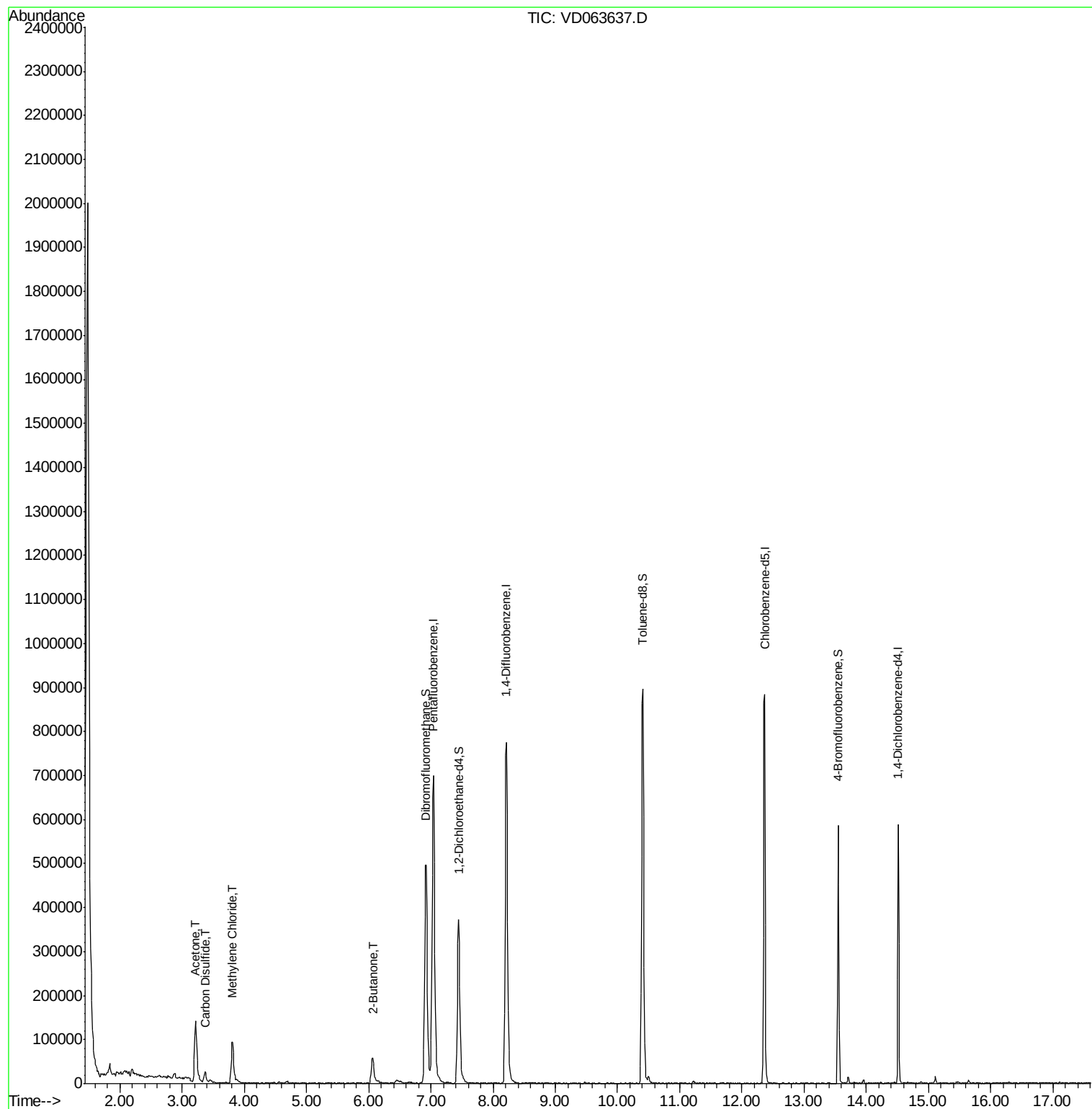
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	674807	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	895052	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	507683	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	118879	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	435833	60.42	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	120.84%	
35) Dibromofluoromethane	6.92	113	462725	61.38	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	122.76%	
50) Toluene-d8	10.41	98	771006	46.52	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.04%	
62) 4-Bromofluorobenzene	13.55	95	162580	21.64	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	43.28%	
Target Compounds						
16) Acetone	3.21	43	289000	197.095	ug/l	97
17) Carbon Disulfide	3.37	76	47029	2.733	ug/l	100
20) Methylene Chloride	3.81	84	59712	9.418	ug/l	95
25) 2-Butanone	6.06	43	125798	86.867	ug/l	98

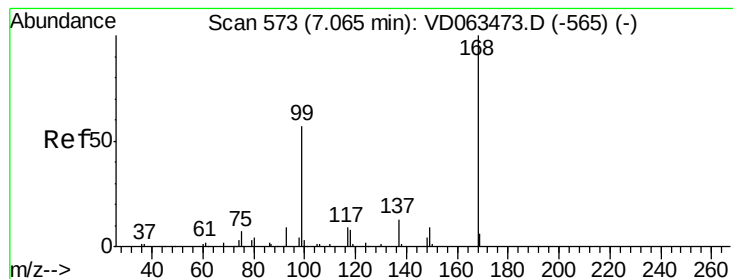
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081619\
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Quant Time: Aug 17 06:55:30 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: 7.04 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD063637.D

Acq: 16 Aug 2019 14:54

Instrument :

MSVOA_D

ClientSampleId :

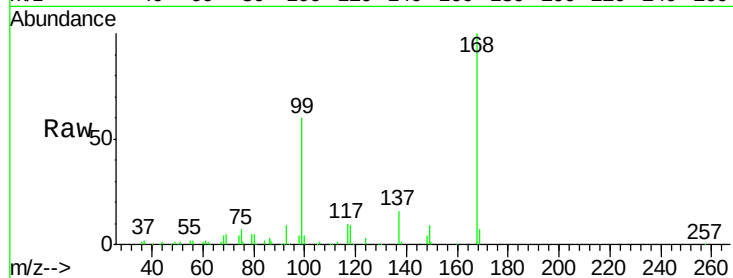
TP-7RE

Tot Ion:168 Resp: 674807

Ion Ratio Lower Upper

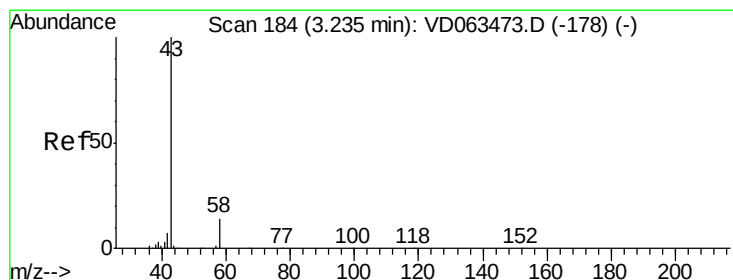
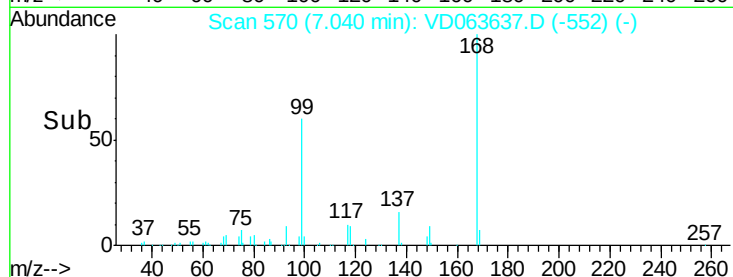
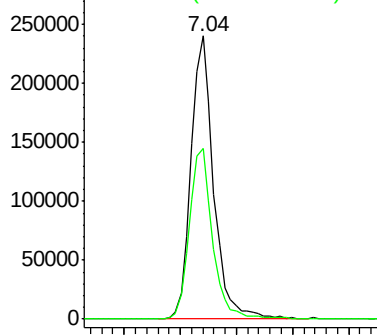
168 100

99 60.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 197.095 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063637.D

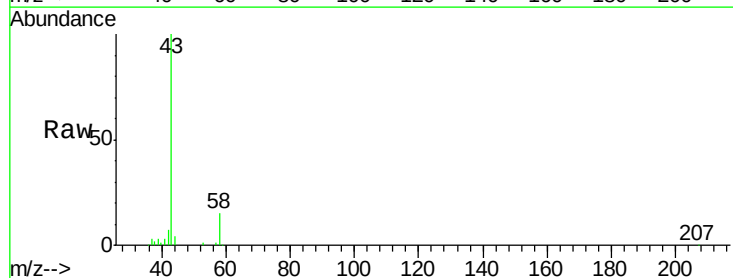
Acq: 16 Aug 2019 14:54

Tgt Ion: 43 Resp: 289000

Ion Ratio Lower Upper

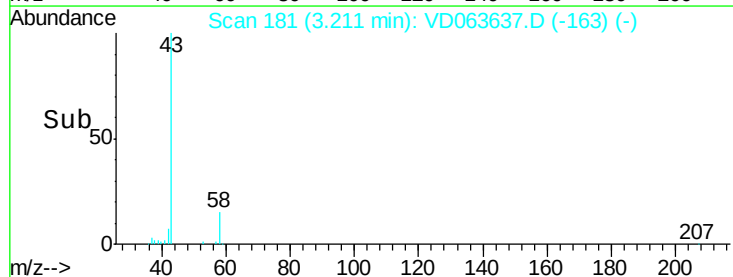
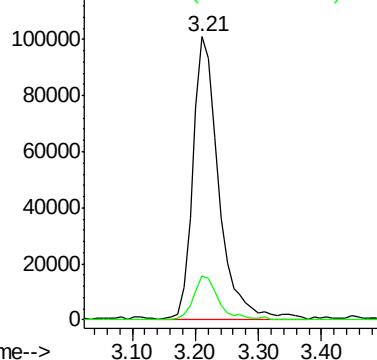
43 100

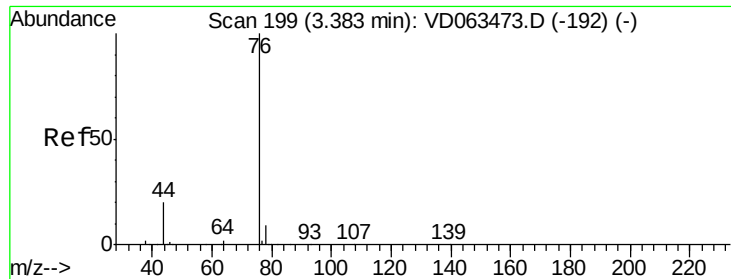
58 15.5 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 2.733 ug/l

RT: 3.37 min Scan# 197

Delta R.T. -0.01 min

Lab File: VD063637.D

Acq: 16 Aug 2019 14:54

Instrument :

MSVOA_D

ClientSampleId :

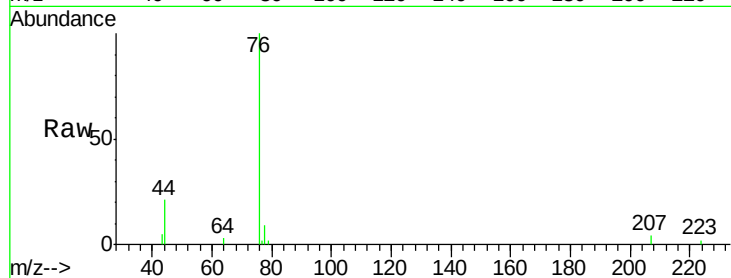
TP-7RE

Tot Ion: 76 Resp: 47029

Ion Ratio Lower Upper

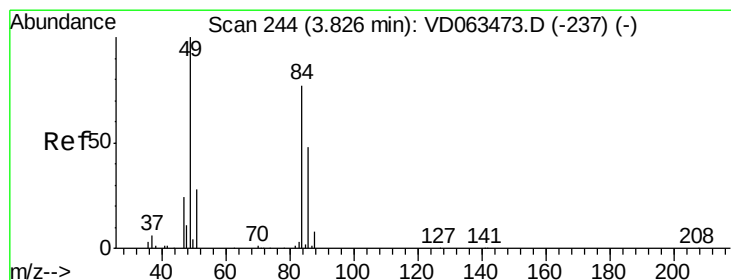
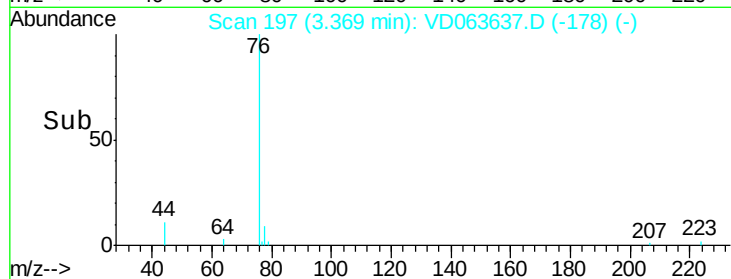
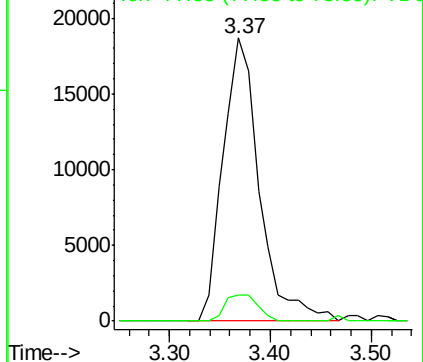
76 100

78 9.3 7.4 11.0



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 9.418 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD063637.D

Acq: 16 Aug 2019 14:54

Tgt Ion: 84 Resp: 59712

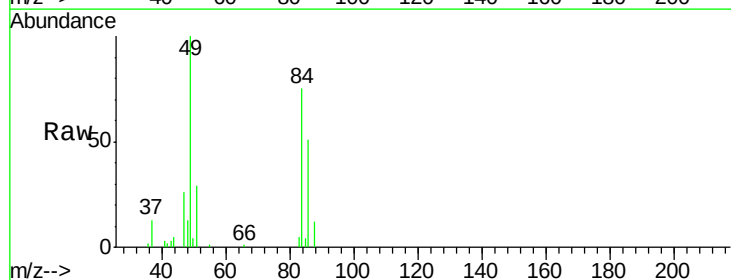
Ion Ratio Lower Upper

84 100

49 133.7 103.4 155.2

51 38.9 28.5 42.7

86 68.6 49.4 74.2

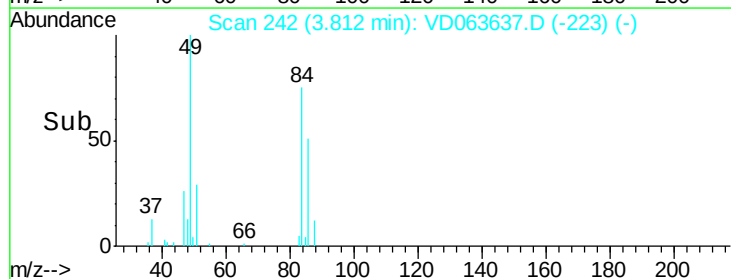
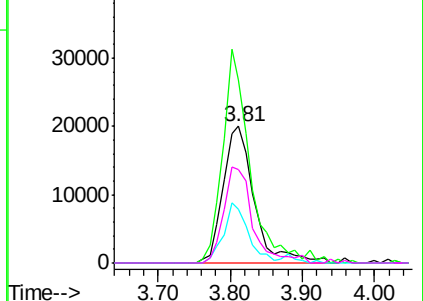


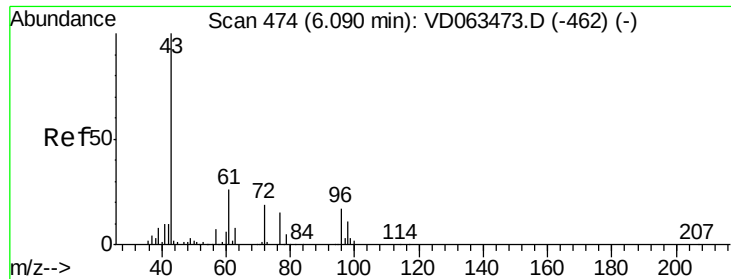
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

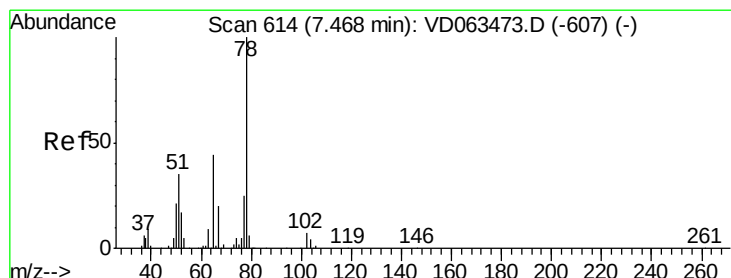
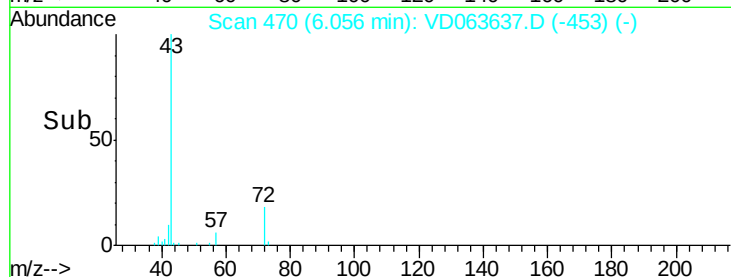
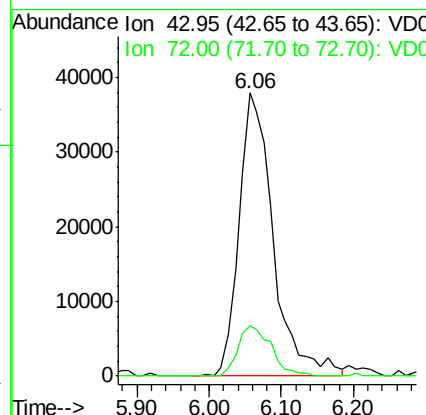
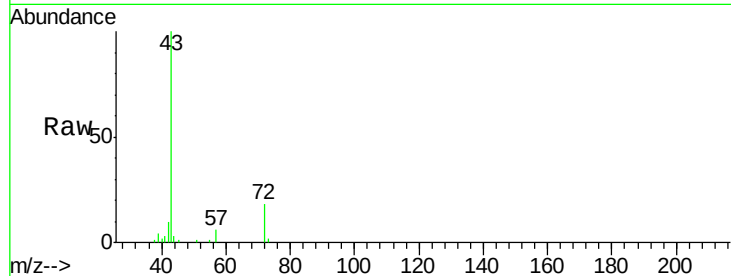




#25
2-Butanone
Concen: 86.867 ug/l
RT: 6.06 min Scan# 470
Delta R.T. -0.03 min
Lab File: VD063637.D
Acq: 16 Aug 2019 14:54

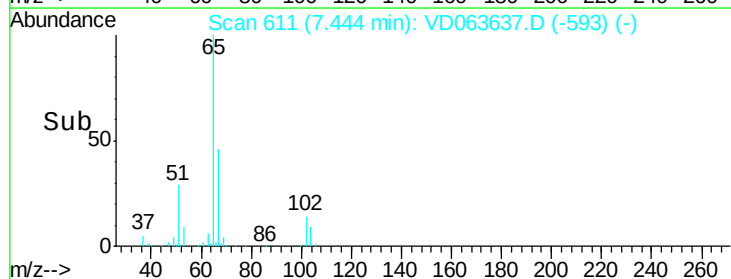
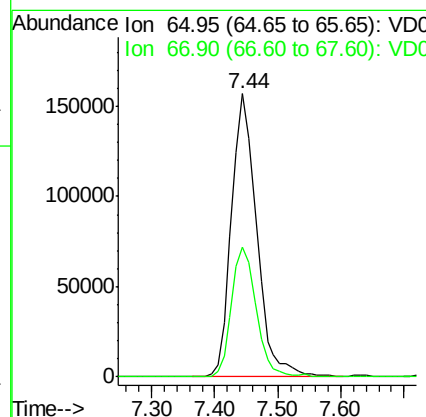
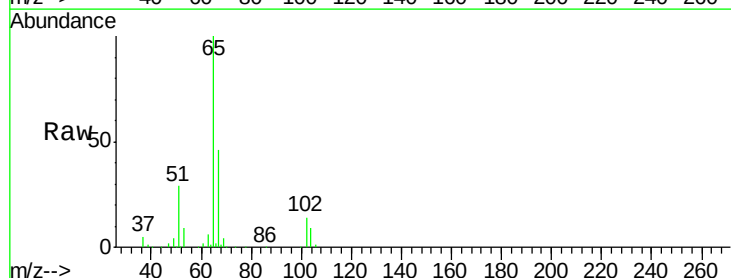
Instrument :
MSVOA_D
ClientSampleId :
TP-7RE

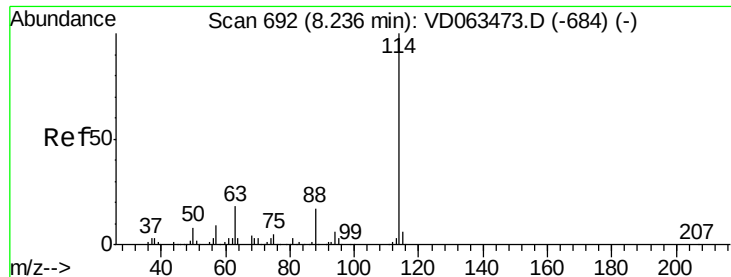
Tot Ion: 43 Resp: 125798
Ion Ratio Lower Upper
43 100
72 17.9 15.1 22.7



#33
1,2-Dichloroethane-d4
Concen: 60.422 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063637.D
Acq: 16 Aug 2019 14:54

Tgt Ion: 65 Resp: 435833
Ion Ratio Lower Upper
65 100
67 45.9 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063637.D

Acq: 16 Aug 2019 14:54

Instrument :

MSVOA_D

ClientSampleId :

TP-7RE

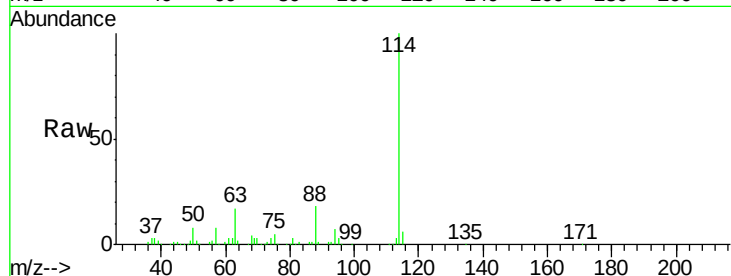
Tot Ion:114 Resp: 895052

Ion Ratio Lower Upper

114 100

63 16.6 0.0 36.2

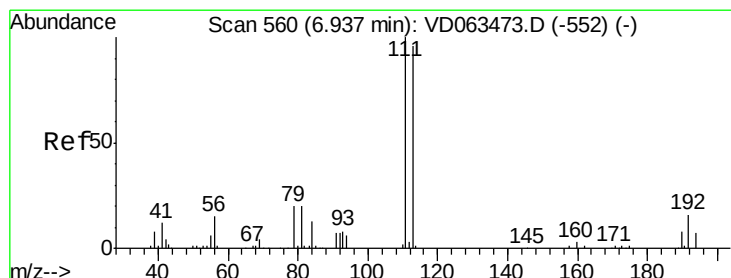
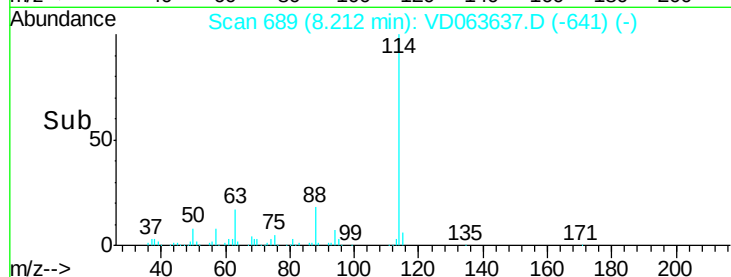
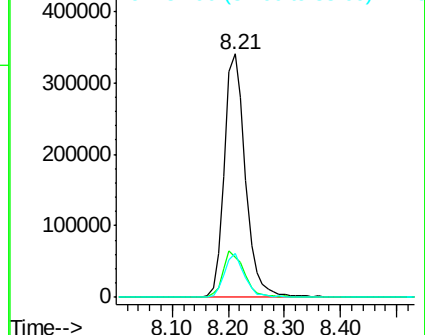
88 18.2 0.0 35.0



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: 61.384 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063637.D

Acq: 16 Aug 2019 14:54

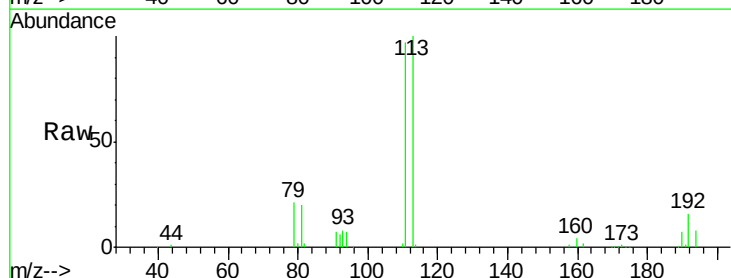
Tgt Ion:113 Resp: 462725

Ion Ratio Lower Upper

113 100

111 97.3 83.1 124.7

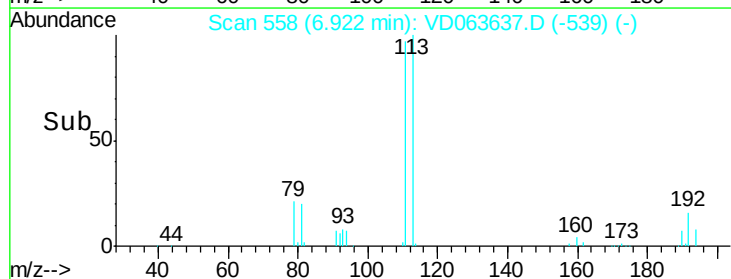
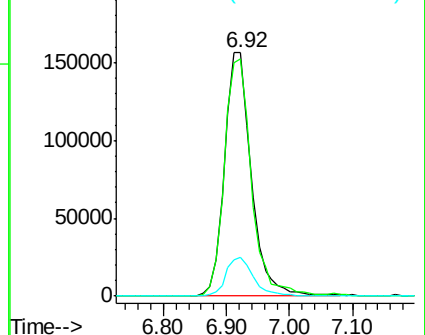
192 15.9 13.1 19.7

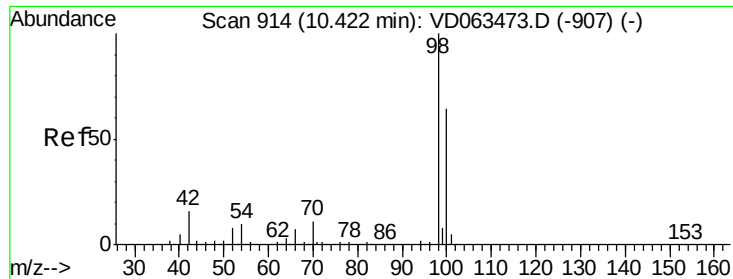


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

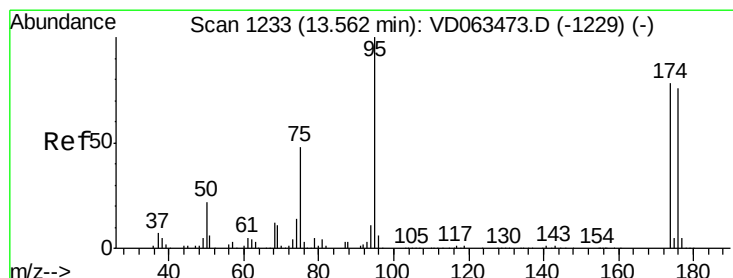
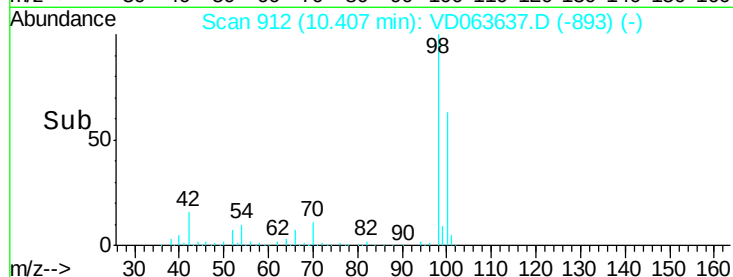
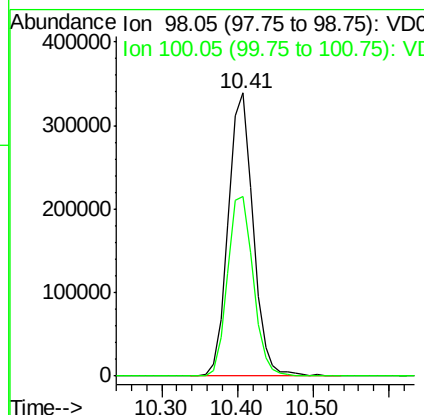
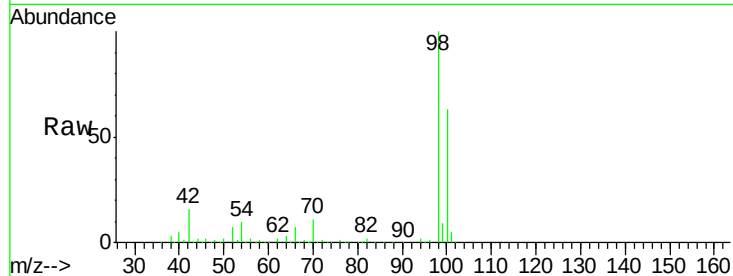




#50
Toluene-d8
Concen: 46.522 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063637.D
Acq: 16 Aug 2019 14:54

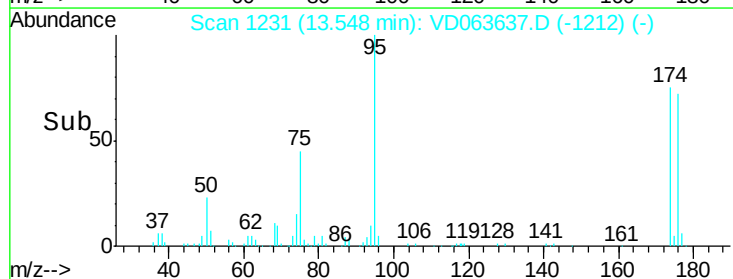
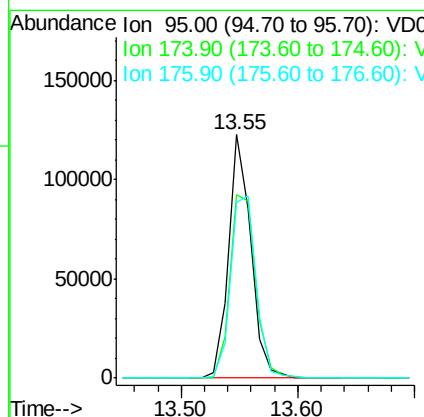
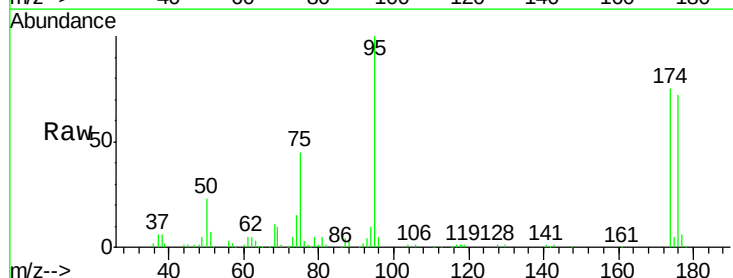
Instrument :
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TP-7RE

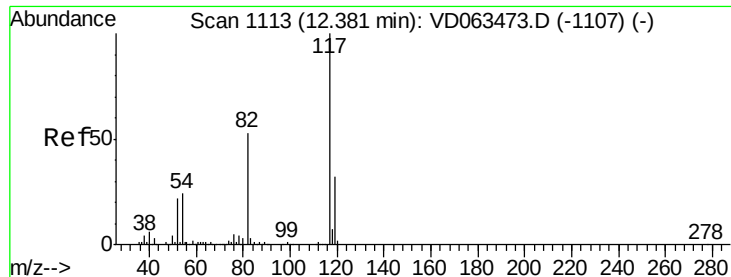
Tot Ion: 98 Resp: 771006
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 21.644 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063637.D
Acq: 16 Aug 2019 14:54

Tgt Ion: 95 Resp: 162580
Ion Ratio Lower Upper
95 100
174 75.3 0.0 155.4
176 72.2 0.0 152.4

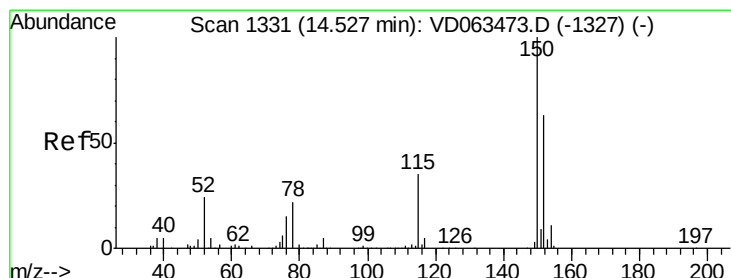
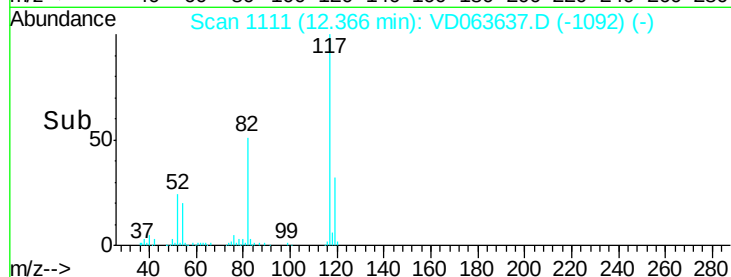
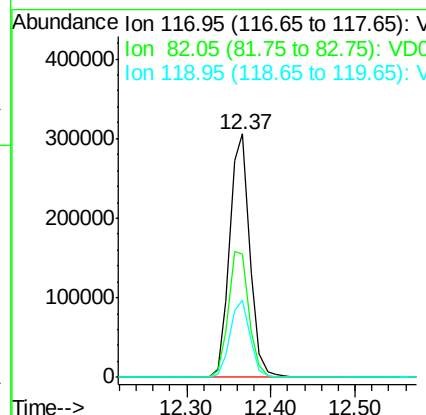
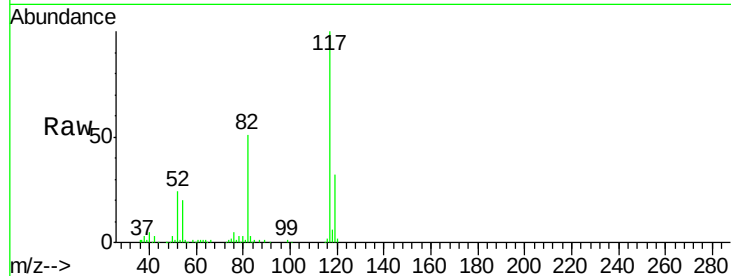




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063637.D
Acq: 16 Aug 2019 14:54

Instrument :
MSVOA_D
ClientSampleId :
TP-7RE

Tot Ion:117 Resp: 507683
Ion Ratio Lower Upper
117 100
82 50.8 42.0 63.0
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063637.D
Acq: 16 Aug 2019 14:54

Tgt Ion:152 Resp: 118879
Ion Ratio Lower Upper
152 100
115 63.8 30.9 92.7
150 162.0 0.0 318.6

