

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063511.D
 Acq On : 13 Aug 2019 3:46
 Operator : JC/SY
 Sample : K4223-20RE
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-10RE

Quant Time: Aug 13 09:24:47 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

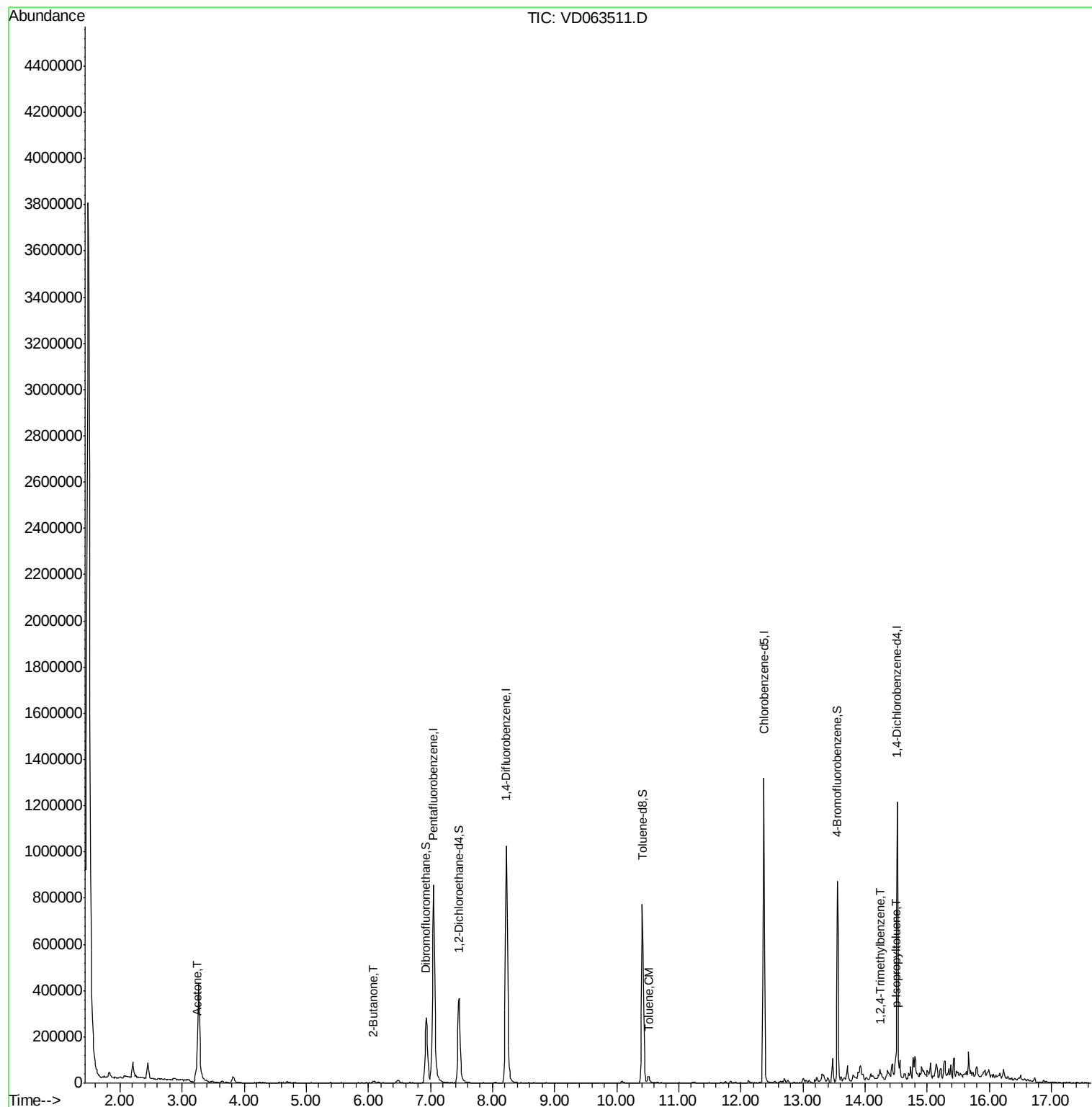
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	829378	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.23	114	1175023	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	725779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	244387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	432923	48.83	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.66%	
35) Dibromofluoromethane	6.93	113	242948	24.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.10%	
50) Toluene-d8	10.41	98	643127	29.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.12%	
62) 4-Bromofluorobenzene	13.55	95	242274	24.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.14%	
Target Compounds						
16) Acetone	3.23	43	102226	56.724	ug/l #	92
25) 2-Butanone	6.08	43	15283	8.587	ug/l #	92
52) Toluene	10.51	92	15656	1.063	ug/l #	66
84) 1,2,4-Trimethylbenzene	14.23	105	16050	1.277	ug/l	83
86) p-Isopropyltoluene	14.49	119	35016	2.411	ug/l	95

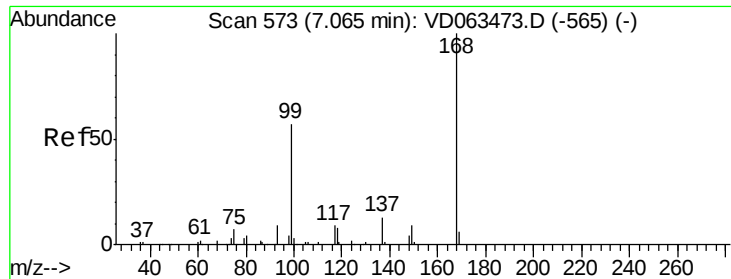
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081219\
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Quant Time: Aug 13 09:24:47 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: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063511.D

Acq: 13 Aug 2019 3:46

Instrument :

MSVOA_D

ClientSampleId :

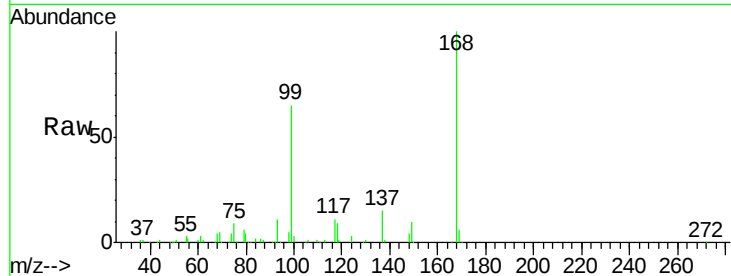
SP-10RE

Tot Ion:168 Resp: 829378

Ion Ratio Lower Upper

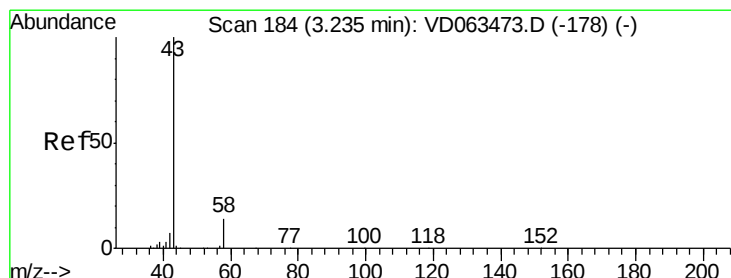
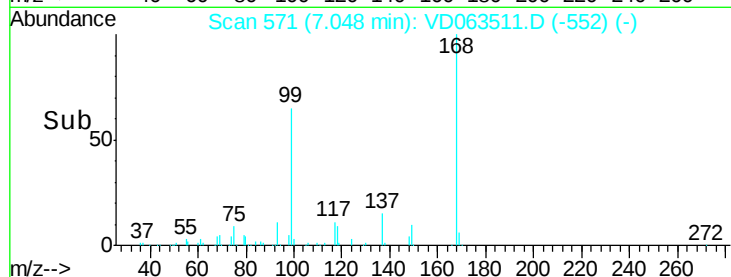
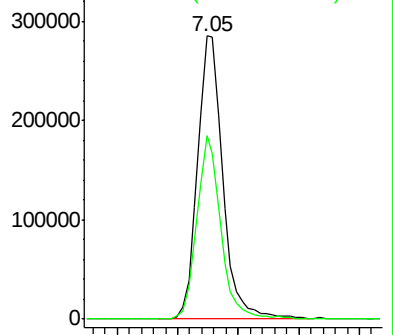
168 100

99 64.8 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: 56.724 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063511.D

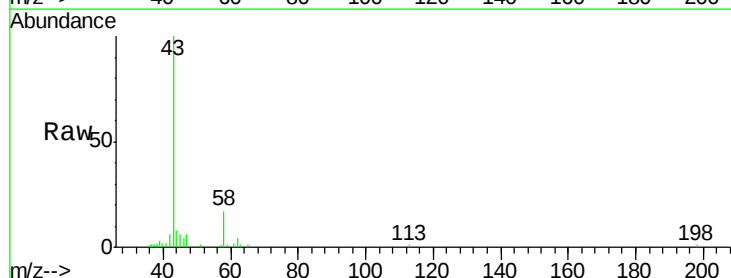
Acq: 13 Aug 2019 3:46

Tgt Ion: 43 Resp: 102226

Ion Ratio Lower Upper

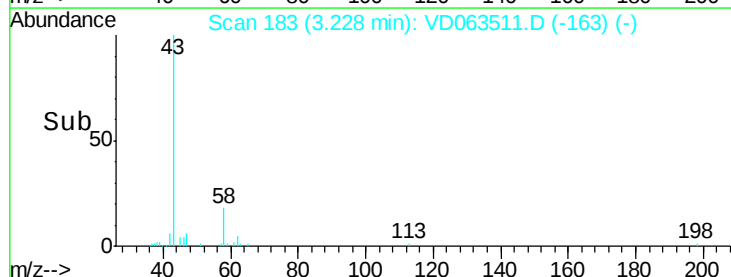
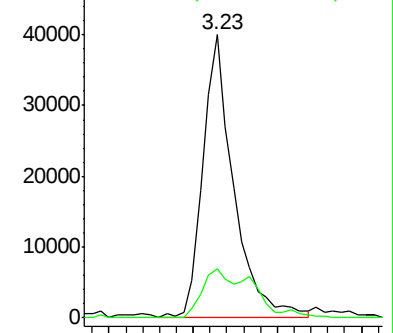
43 100

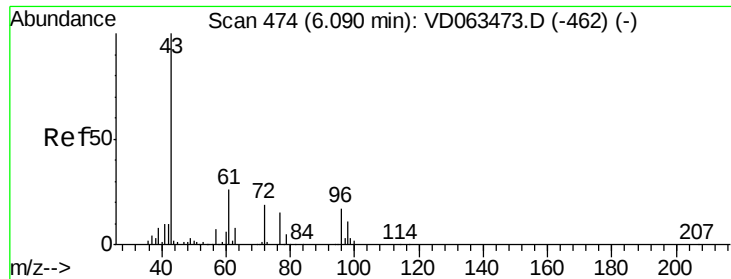
58 17.5 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 8.587 ug/l

RT: 6.08 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD063511.D

Acq: 13 Aug 2019 3:46

Instrument :

MSVOA_D

ClientSampleId :

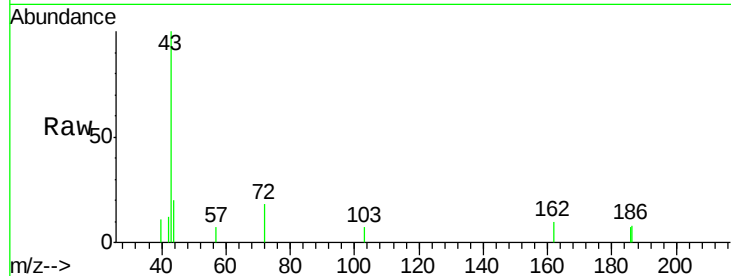
SP-10RE

Tot Ion: 43 Resp: 15283

Ion Ratio Lower Upper

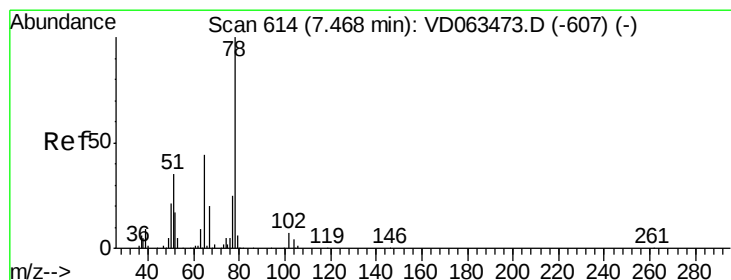
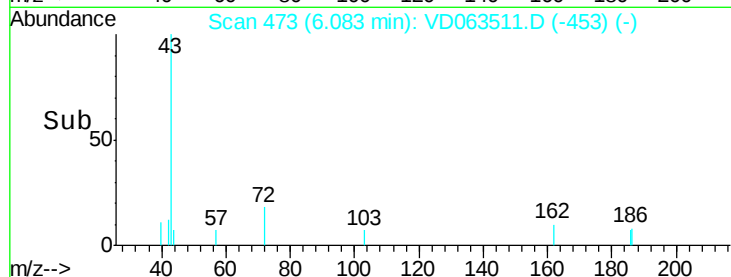
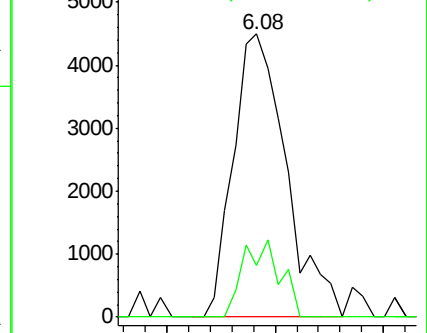
43 100

72 15.1 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: 48.833 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063511.D

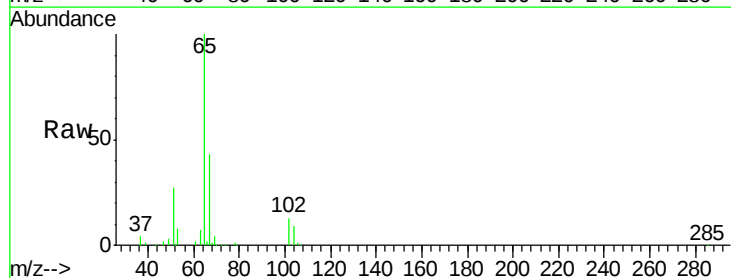
Acq: 13 Aug 2019 3:46

Tgt Ion: 65 Resp: 432923

Ion Ratio Lower Upper

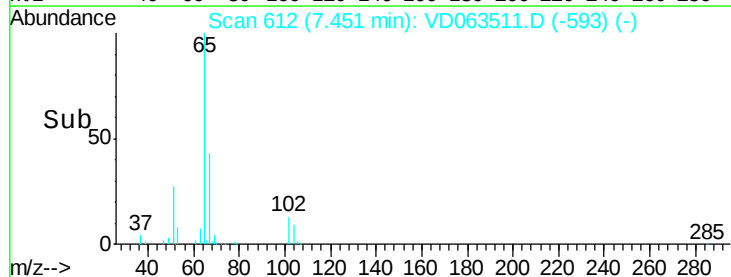
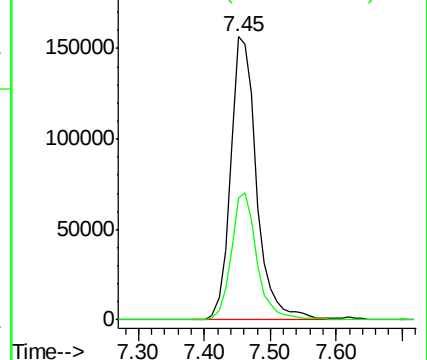
65 100

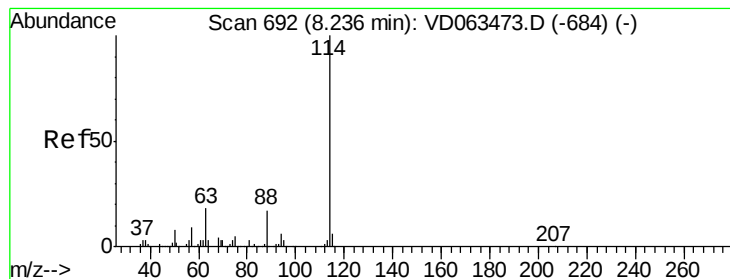
67 43.1 0.0 89.2



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: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD063511.D

Acq: 13 Aug 2019 3:46

Instrument :

MSVOA_D

ClientSampled :

SP-10RE

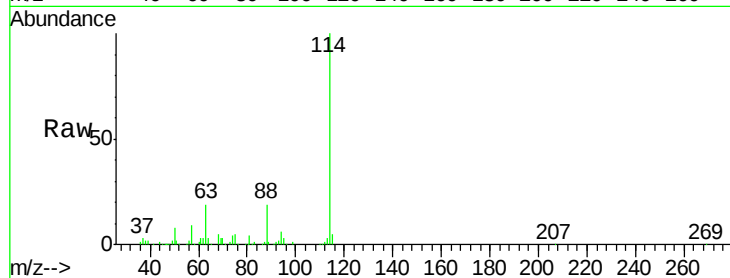
Tot Ion:114 Resp: 1175023

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.2

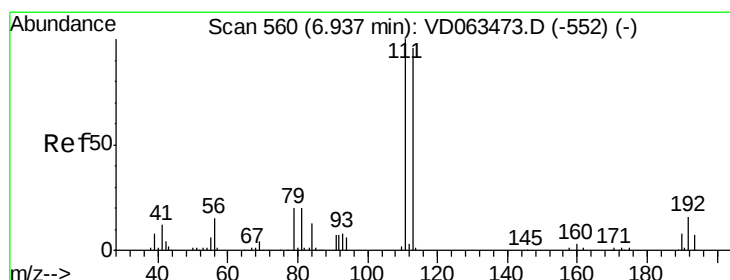
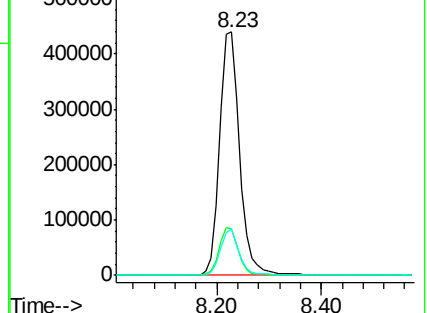
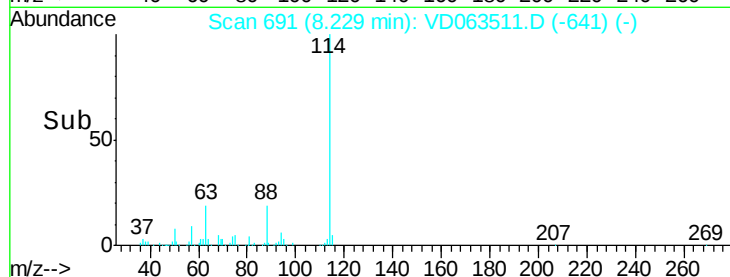
88 19.2 0.0 35.0



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: 24.550 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063511.D

Acq: 13 Aug 2019 3:46

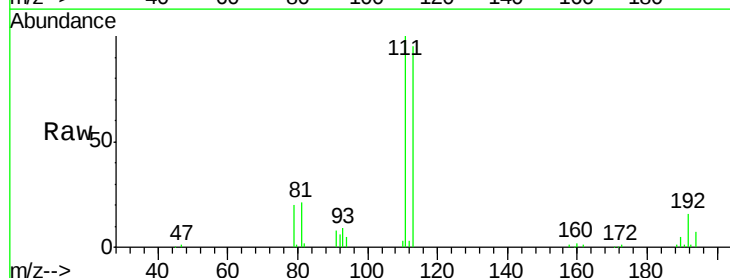
Tgt Ion:113 Resp: 242948

Ion Ratio Lower Upper

113 100

111 104.9 83.1 124.7

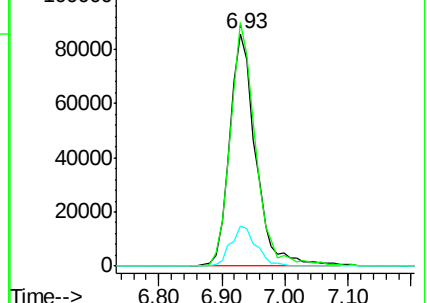
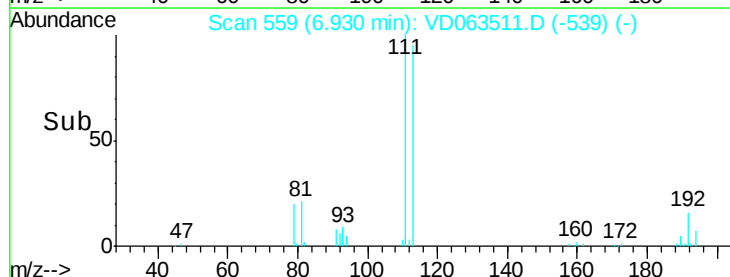
192 17.1 13.1 19.7

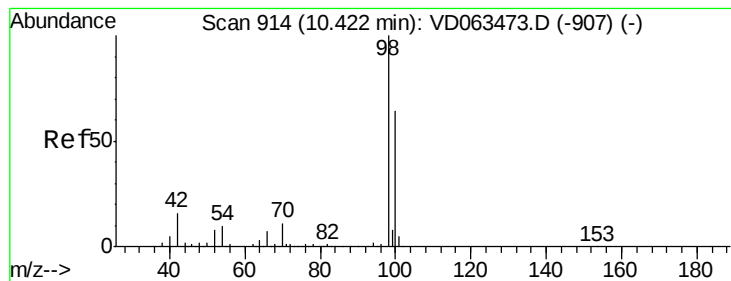


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 29.559 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD063511.D

Acq: 13 Aug 2019 3:46

Instrument :

MSVOA_D

ClientSampleId :

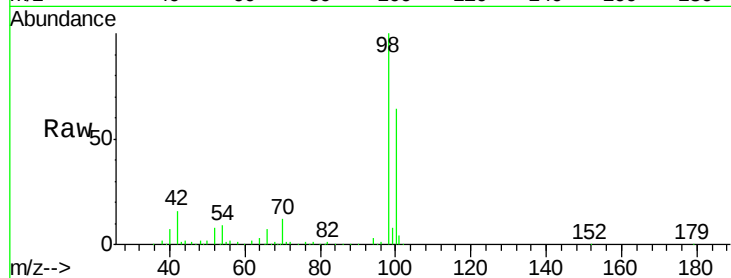
SP-10RE

Tot Ion: 98 Resp: 643127

Ion Ratio Lower Upper

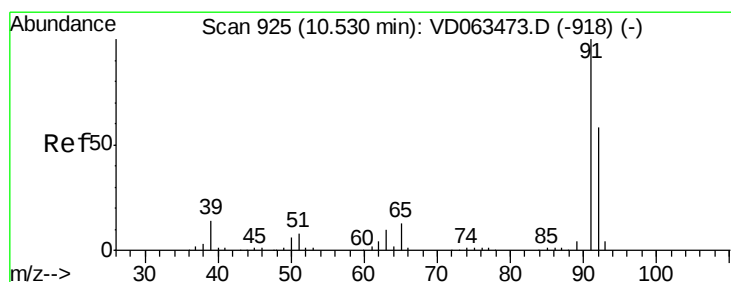
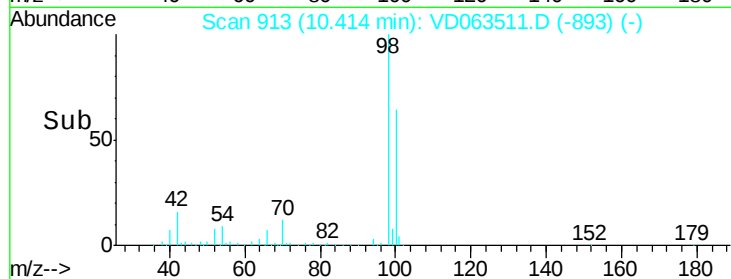
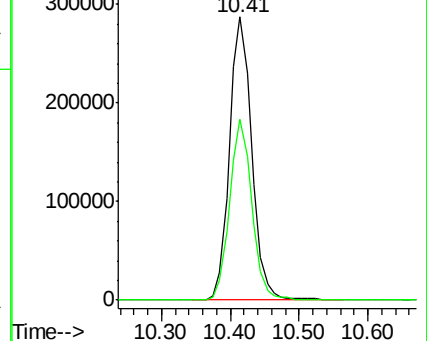
98 100

100 63.8 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 1.063 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.02 min

Lab File: VD063511.D

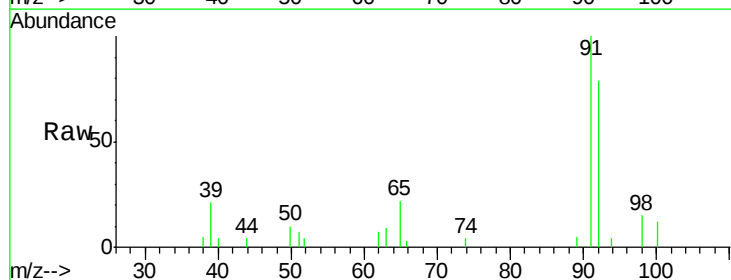
Acq: 13 Aug 2019 3:46

Tgt Ion: 92 Resp: 15656

Ion Ratio Lower Upper

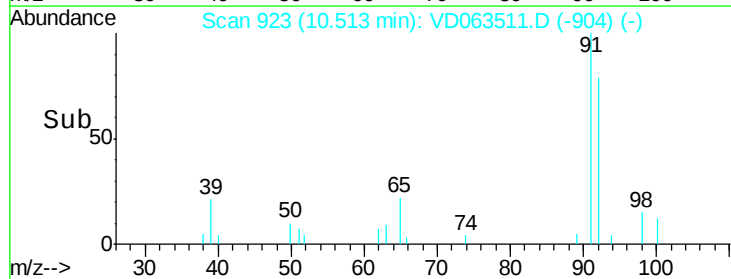
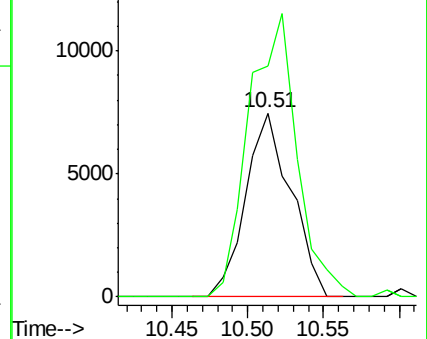
92 100

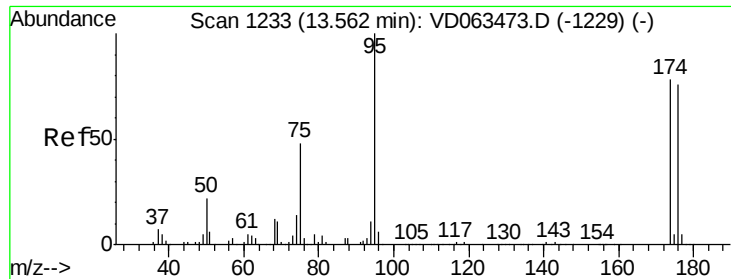
91 125.8 137.9 206.9#



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

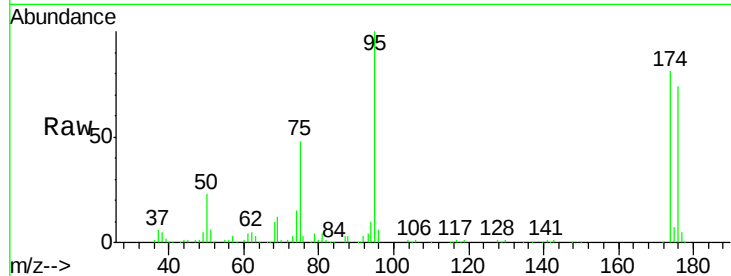




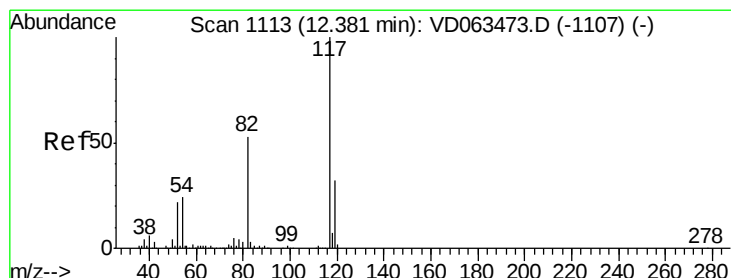
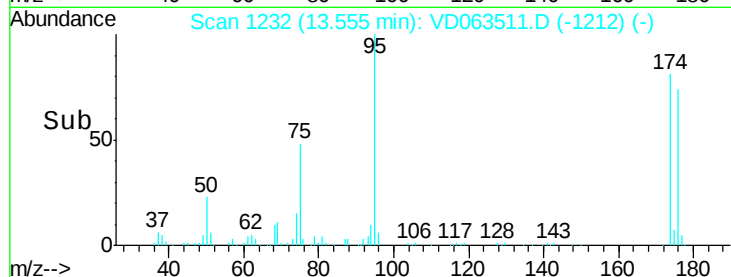
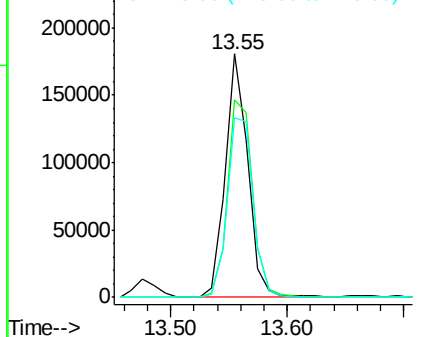
#62
4-Bromofluorobenzene
Concen: 24.568 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063511.D
Acq: 13 Aug 2019 3:46

Instrument :
MSVOA_D
ClientSampleId :
SP-10RE

Tot Ion: 95 Resp: 242274
Ion Ratio Lower Upper
95 100
174 81.0 0.0 155.4
176 73.8 0.0 152.4

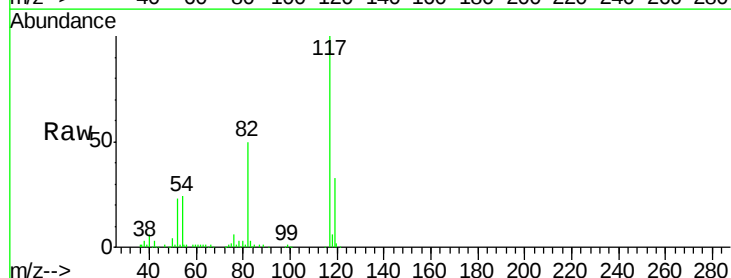


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

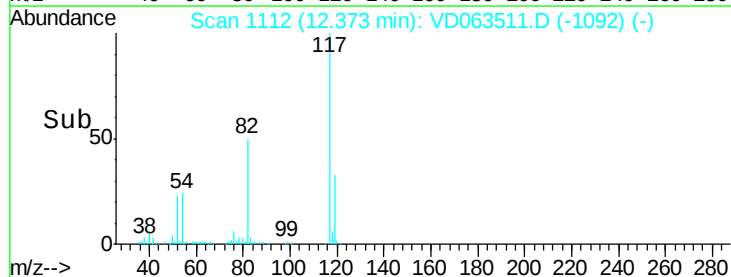
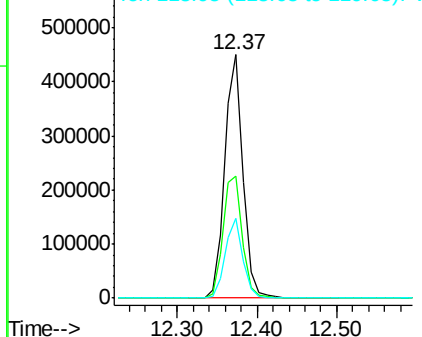


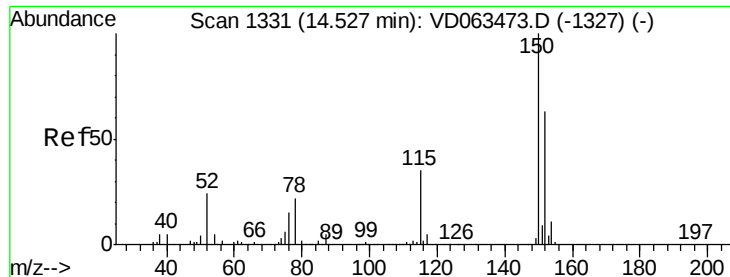
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063511.D
Acq: 13 Aug 2019 3:46

Tgt Ion: 117 Resp: 725779
Ion Ratio Lower Upper
117 100
82 50.3 42.0 63.0
119 32.8 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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063511.D

Acq: 13 Aug 2019 3:46

Instrument :

MSVOA_D

ClientSampleId :

SP-10RE

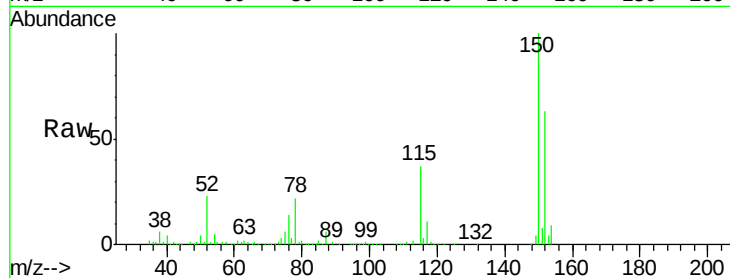
Tot Ion:152 Resp: 244387

Ion Ratio Lower Upper

152 100

115 59.0 30.9 92.7

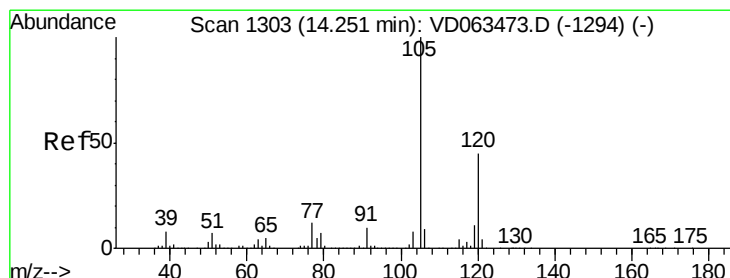
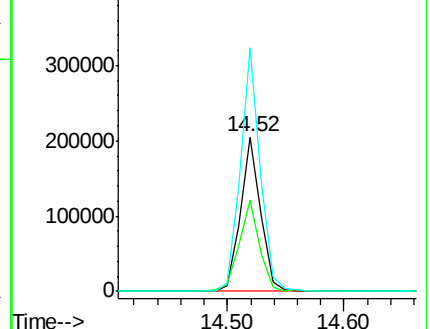
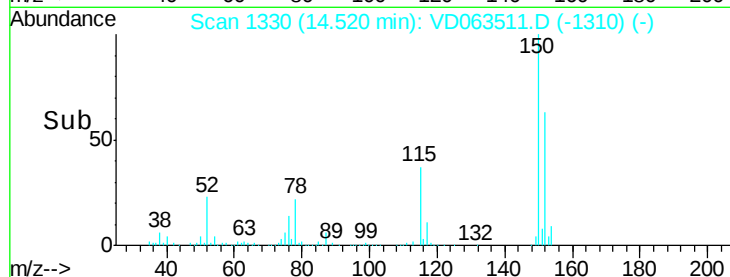
150 157.6 0.0 318.6



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



#84

1,2,4-Trimethylbenzene

Concen: 1.277 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. -0.02 min

Lab File: VD063511.D

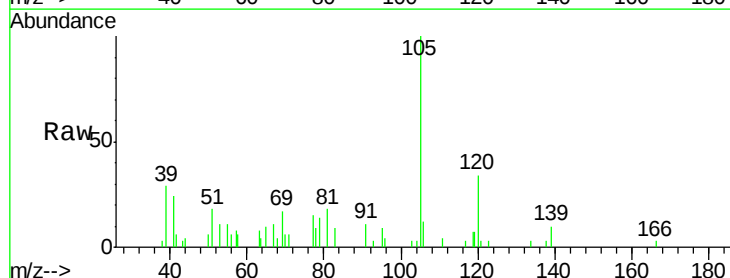
Acq: 13 Aug 2019 3:46

Tgt Ion:105 Resp: 16050

Ion Ratio Lower Upper

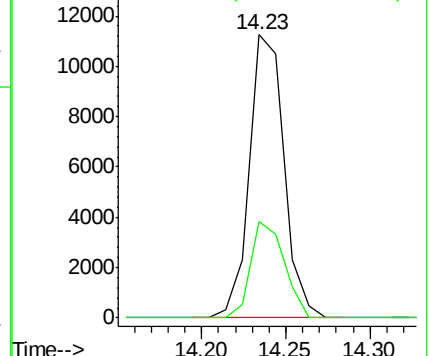
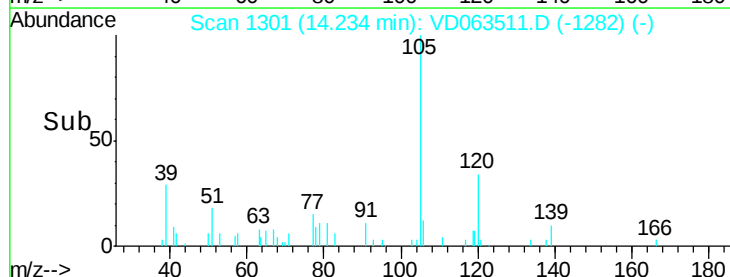
105 100

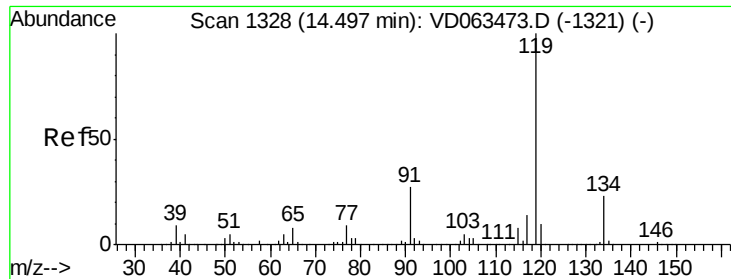
120 33.9 22.7 68.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#86
 p-Isopropyltoluene
 Concen: 2.411 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: VD063511.D
 Acq: 13 Aug 2019 3:46

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-10RE

Tot Ion:	119	Resp:	35016
Ion	Ratio	Lower	Upper
119	100		
134	20.8	11.3	33.8
91	23.7	13.5	40.4

