

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063514.D
 Acq On : 13 Aug 2019 5:07
 Operator : JC/SY
 Sample : K4223-26RE
 Misc : 4.11g/5ml/MSVOA D/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-13RE

Quant Time: Aug 13 09:31:42 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

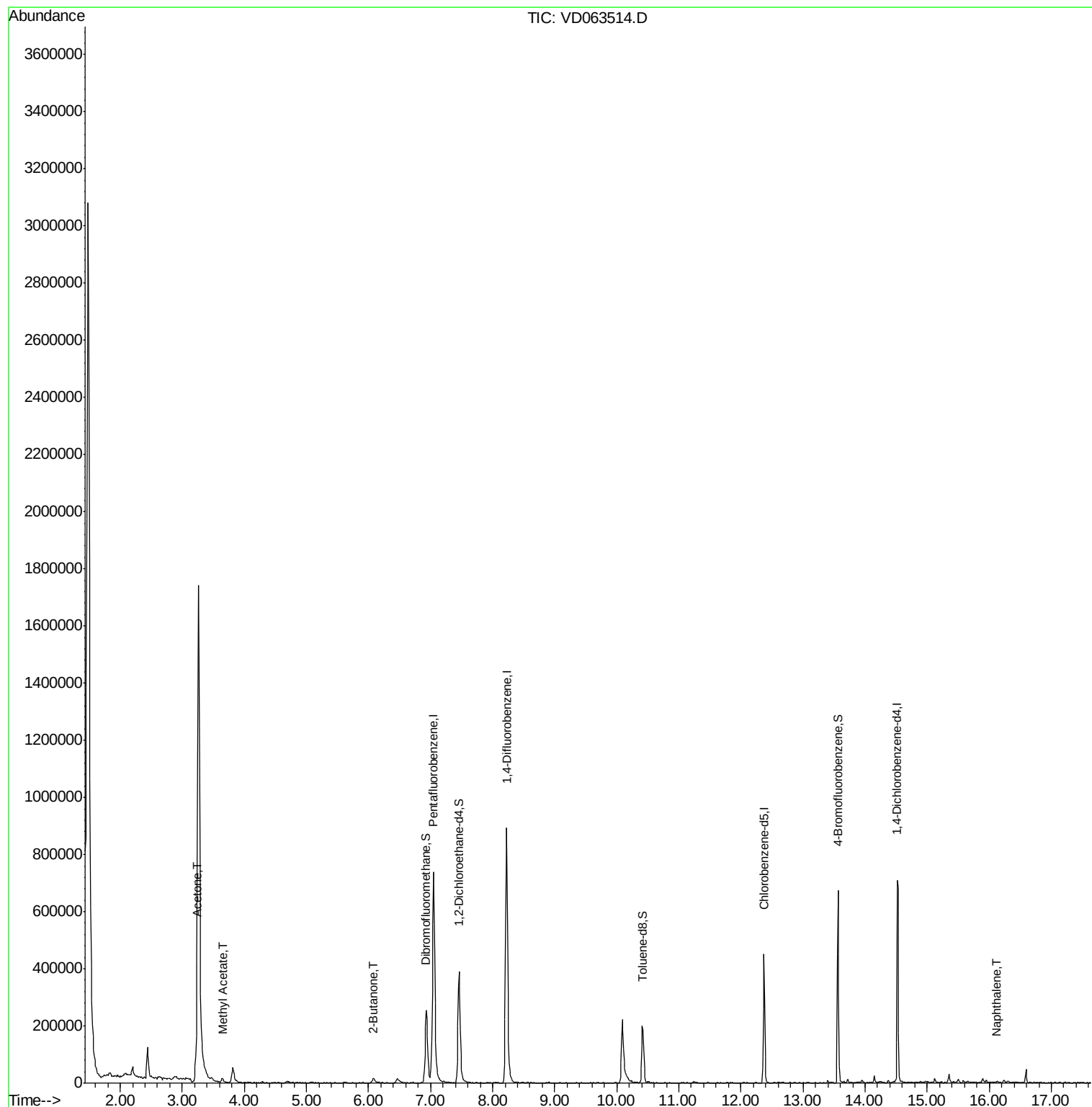
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	734877	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.23	114	973891	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	232544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	172495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	438861	55.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.74%	
35) Dibromofluoromethane	6.93	113	216644	26.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.82%	
50) Toluene-d8	10.41	98	166110	9.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	18.42%	
62) 4-Bromofluorobenzene	13.56	95	190398	23.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.60%	
Target Compounds						
16) Acetone	3.23	43	191605	119.991	ug/l	94
18) Methyl Acetate	3.65	43	20743	6.858	ug/l	98
25) 2-Butanone	6.07	43	30412	19.284	ug/l	94
95) Naphthalene	16.13	128	5293	1.031	ug/l #	89

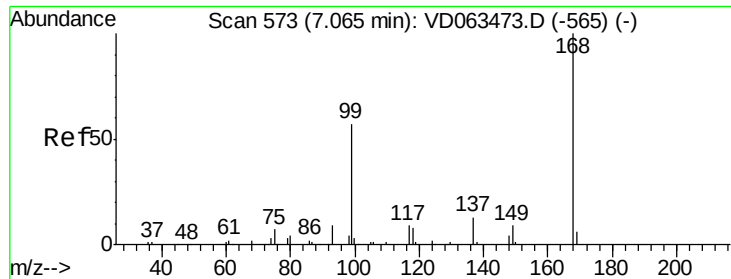
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081219\
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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: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063514.D

Acq: 13 Aug 2019 5:07

Instrument :

MSVOA_D

ClientSampleId :

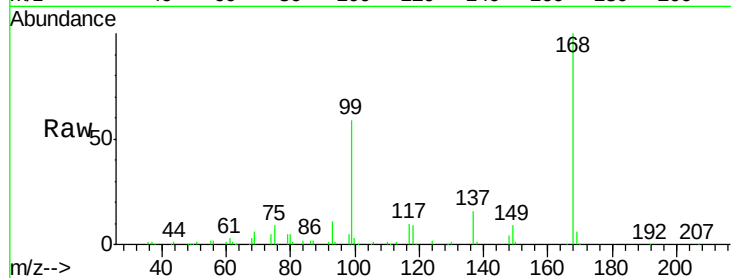
SP-13RE

Tot Ion:168 Resp: 734877

Ion Ratio Lower Upper

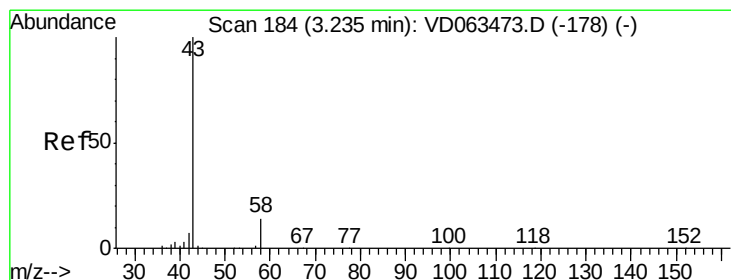
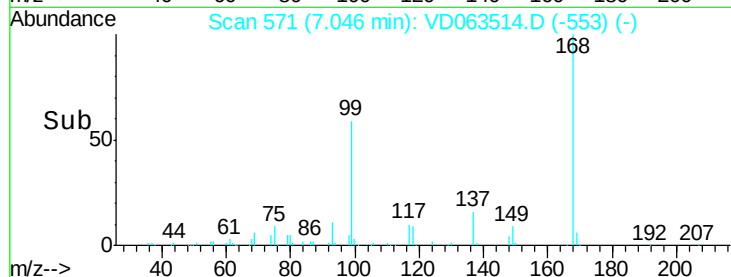
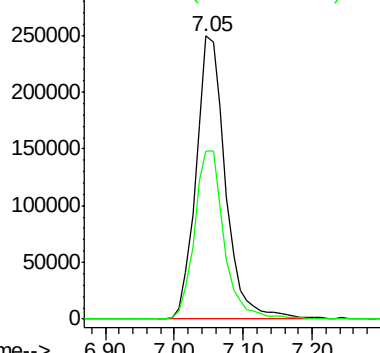
168 100

99 59.4 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: 119.991 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063514.D

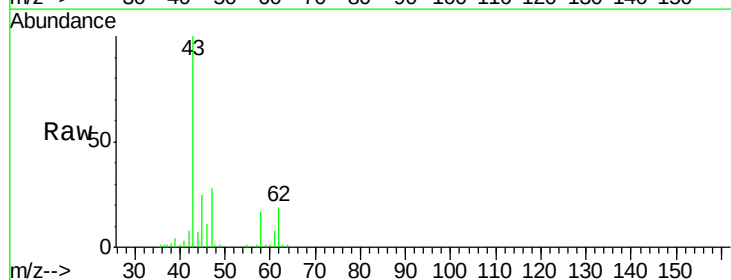
Acq: 13 Aug 2019 5:07

Tgt Ion: 43 Resp: 191605

Ion Ratio Lower Upper

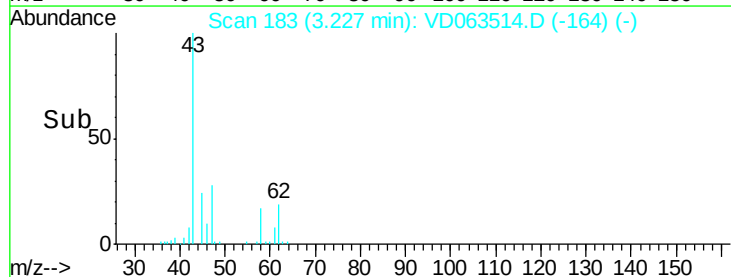
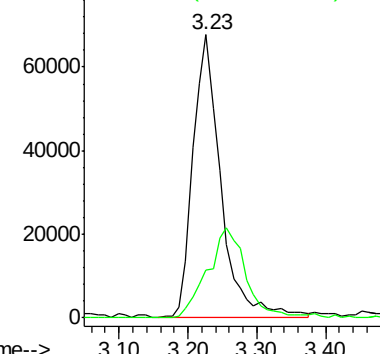
43 100

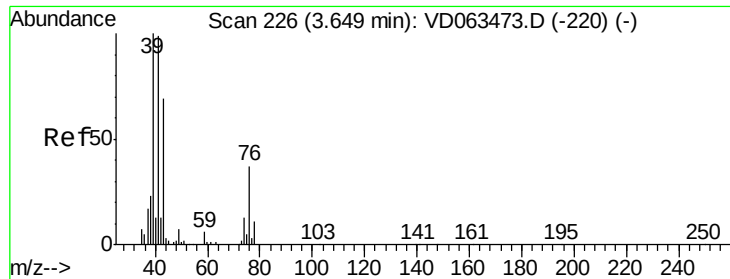
58 16.9 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

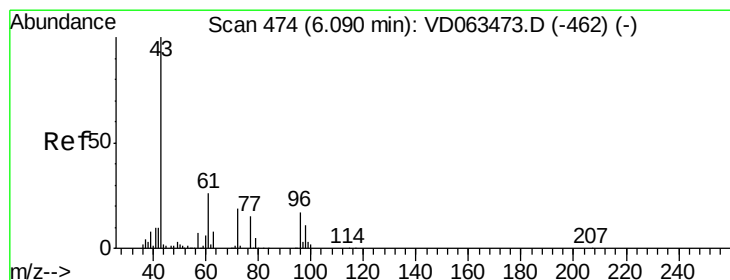
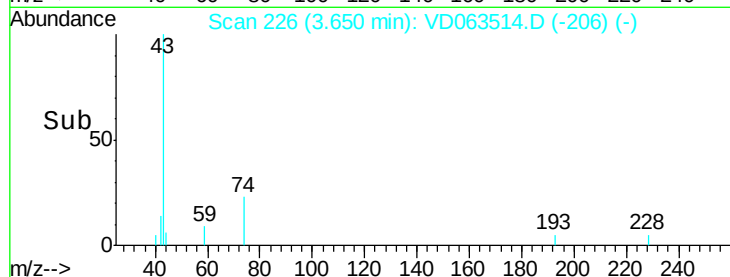
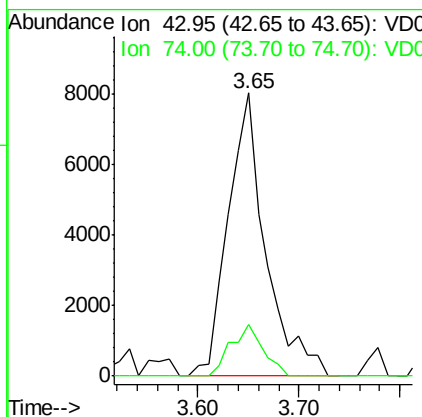
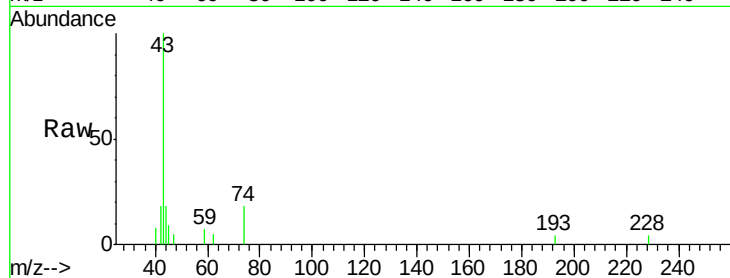




#18
Methvl Acetate
Concen: 6.858 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.00 min
Lab File: VD063514.D
Acq: 13 Aug 2019 5:07

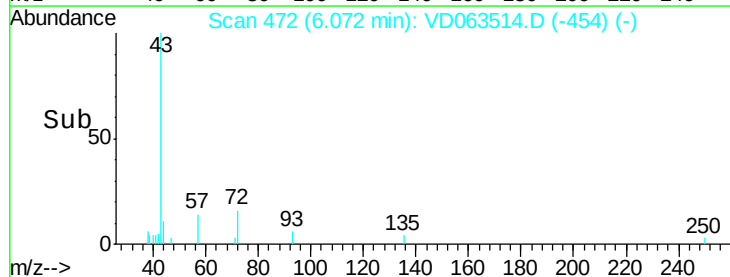
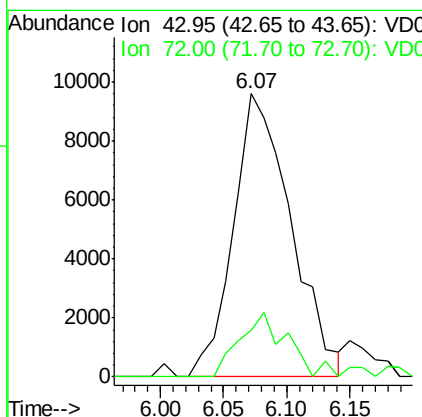
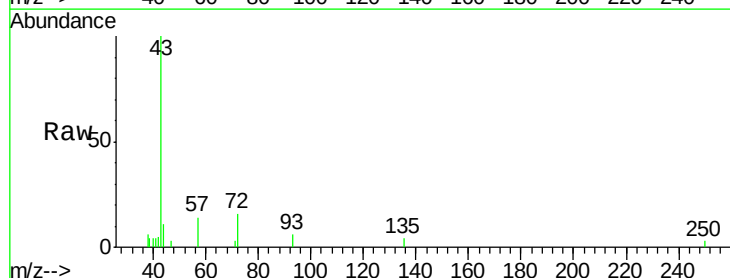
Instrument :
MSVOA_D
ClientSampleId :
SP-13RE

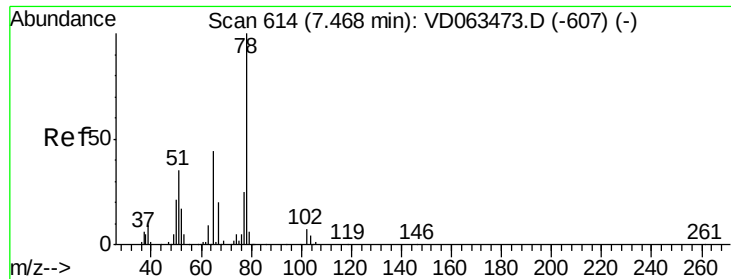
Tot Ion: 43 Resp: 20743
Ion Ratio Lower Upper
43 100
74 18.4 15.4 23.2



#25
2-Butanone
Concen: 19.284 ug/l
RT: 6.07 min Scan# 472
Delta R.T. -0.02 min
Lab File: VD063514.D
Acq: 13 Aug 2019 5:07

Tgt Ion: 43 Resp: 30412
Ion Ratio Lower Upper
43 100
72 16.3 15.1 22.7





#33

1,2-Dichloroethane-d4

Concen: 55.868 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD063514.D

Acq: 13 Aug 2019 5:07

Instrument :

MSVOA_D

ClientSampleId :

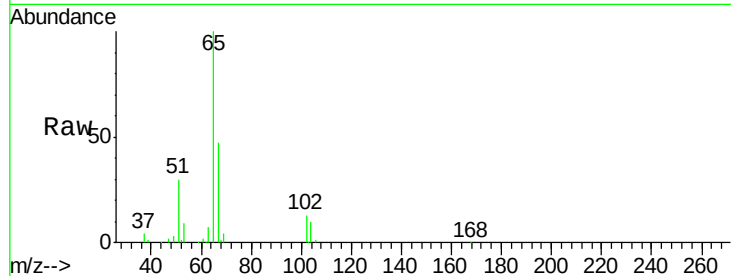
SP-13RE

Tot Ion: 65 Resp: 438861

Ion Ratio Lower Upper

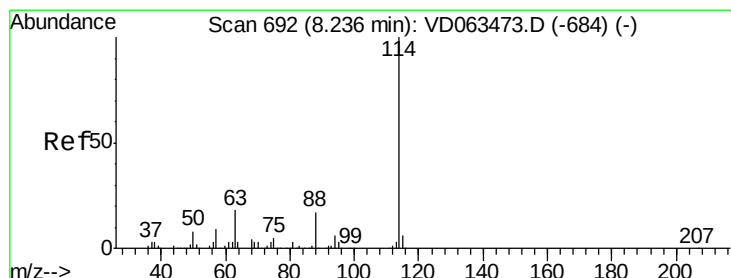
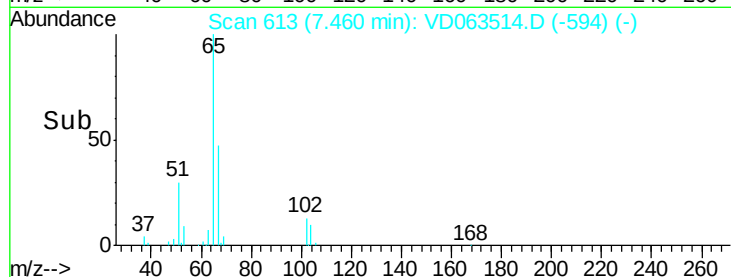
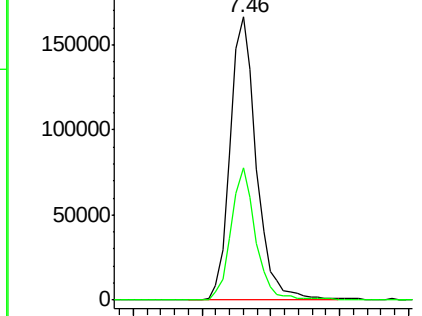
65 100

67 46.5 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: VD063514.D

Acq: 13 Aug 2019 5:07

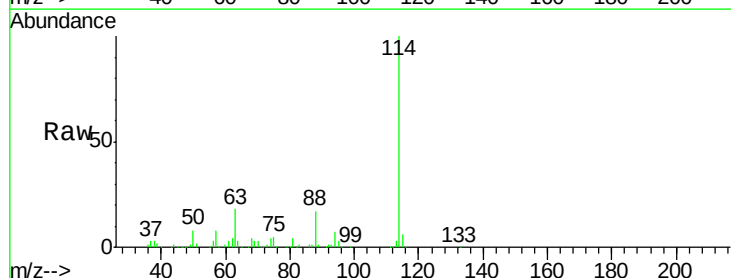
Tgt Ion: 114 Resp: 973891

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.2

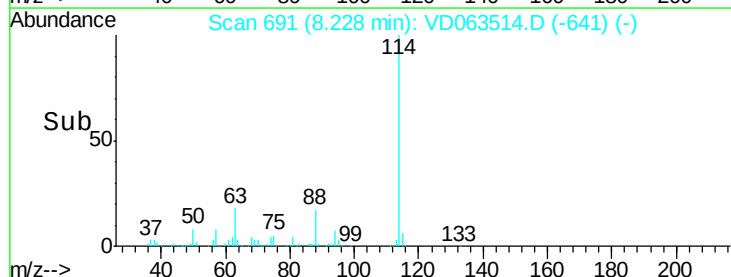
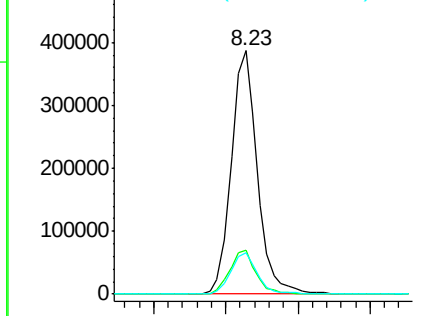
88 17.1 0.0 35.0

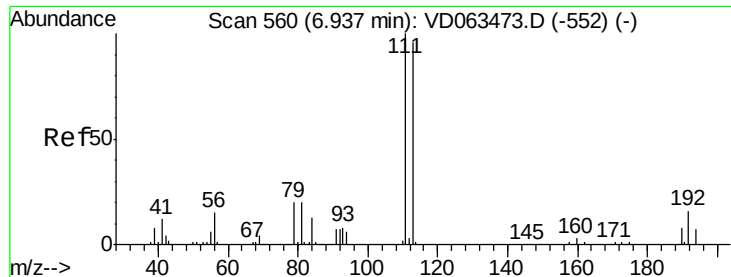


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 26.413 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063514.D

Acq: 13 Aug 2019 5:07

Instrument :

MSVOA_D

ClientSampleId :

SP-13RE

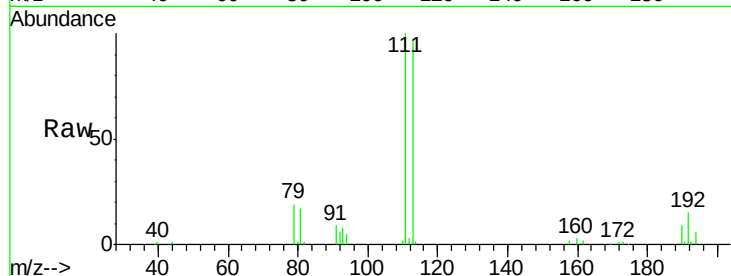
Tot Ion:113 Resp: 216644

Ion Ratio Lower Upper

113 100

111 103.4 83.1 124.7

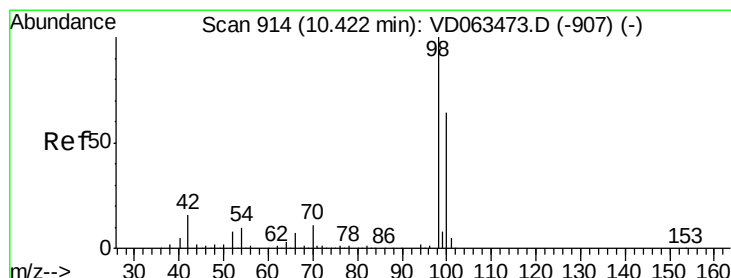
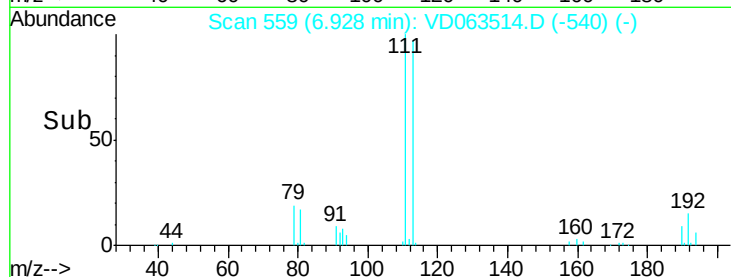
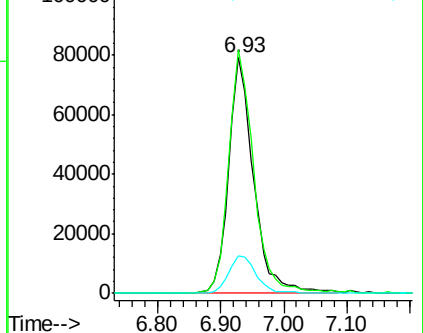
192 15.8 13.1 19.7



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: 9.212 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD063514.D

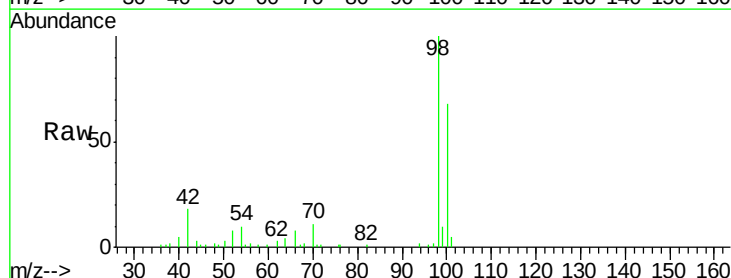
Acq: 13 Aug 2019 5:07

Tgt Ion: 98 Resp: 166110

Ion Ratio Lower Upper

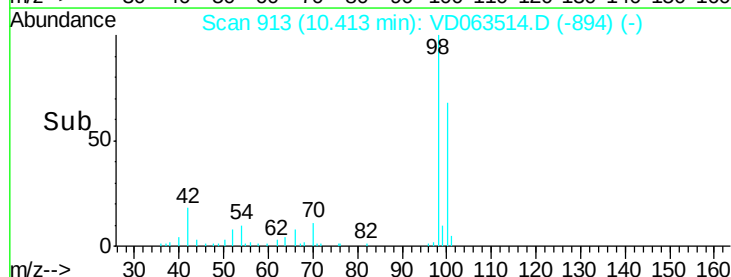
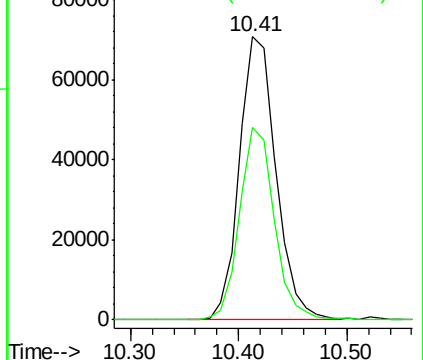
98 100

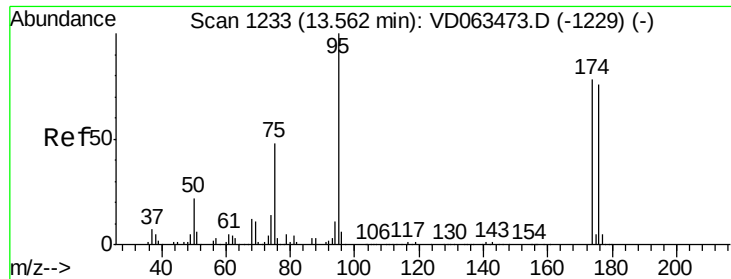
100 68.1 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

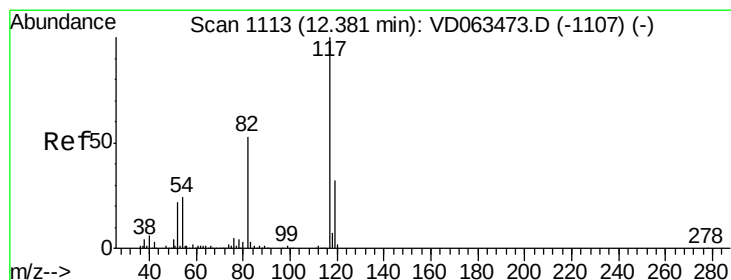
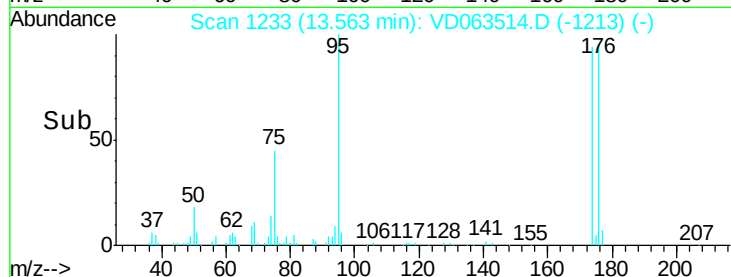
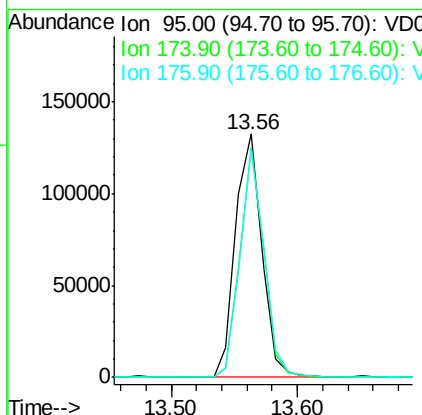
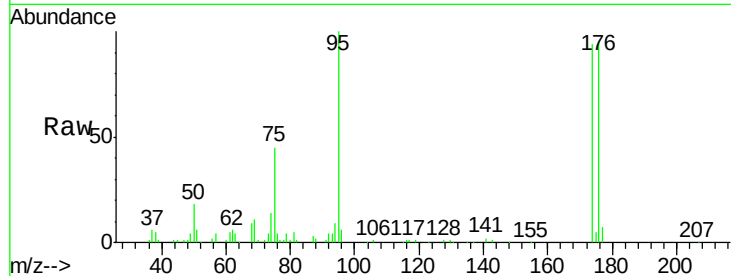




#62
4-Bromofluorobenzene
Concen: 23.295 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD063514.D
Acq: 13 Aug 2019 5:07

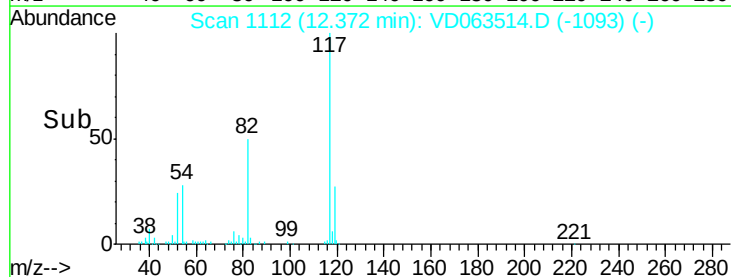
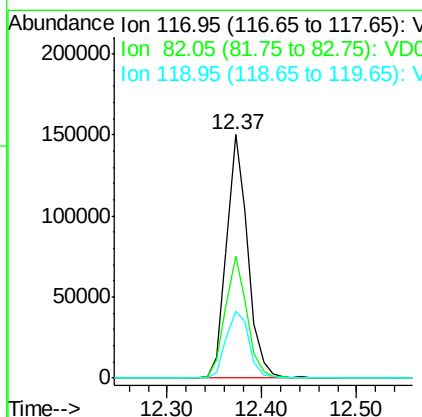
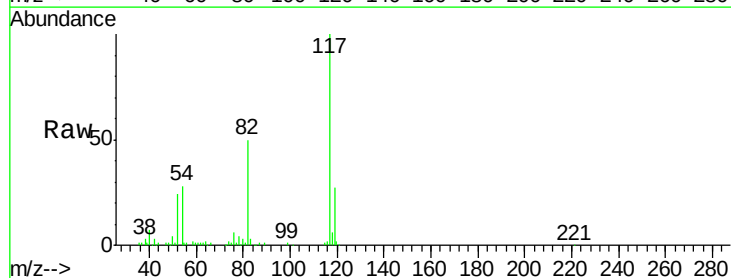
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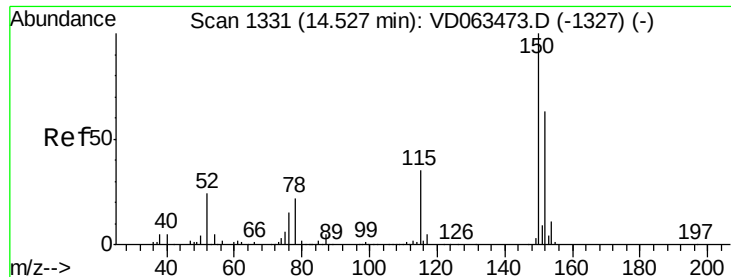
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	155.4
176	94.5	0.0	152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063514.D
Acq: 13 Aug 2019 5:07

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.4	42.0	63.0
119	27.3	25.4	38.0



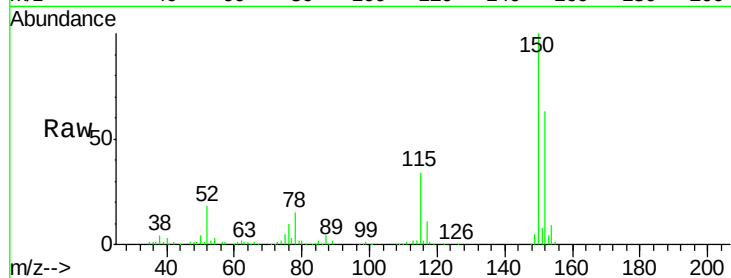


#72

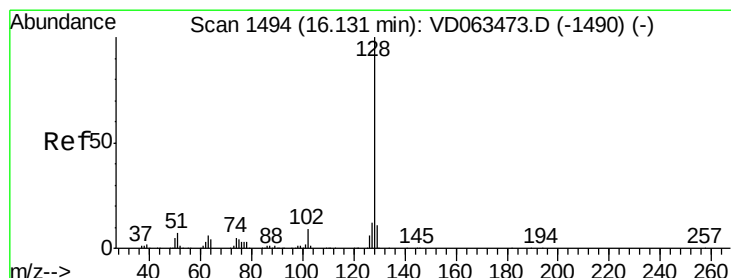
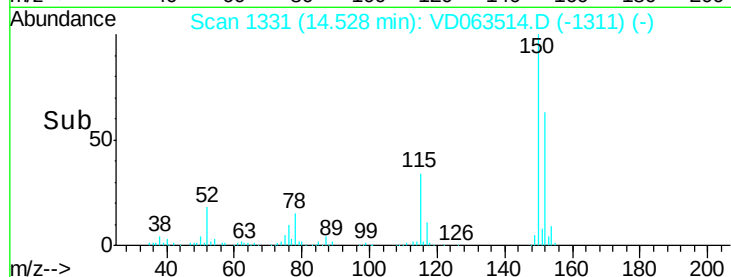
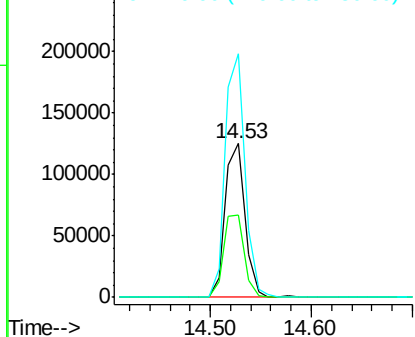
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD063514.D
Acq: 13 Aug 2019 5:07

Instrument :
MSVOA_D
ClientSampleId :
SP-13RE

Tot Ion:152 Resp: 172495
Ion Ratio Lower Upper
152 100
115 53.5 30.9 92.7
150 158.4 0.0 318.6



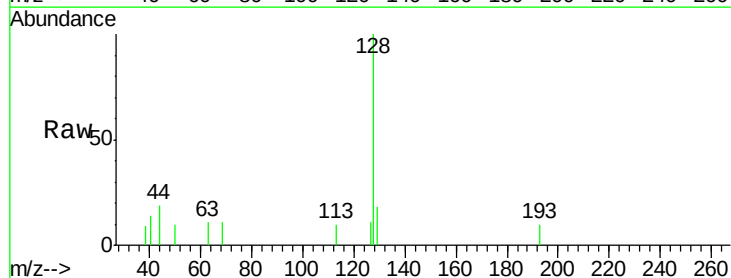
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 1.031 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VD063514.D
Acq: 13 Aug 2019 5:07

Tgt Ion:128 Resp: 5293
Ion Ratio Lower Upper
128 100
127 10.7 9.4 14.0
129 18.3 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

