

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062492.D
 Acq On : 21 May 2019 20:13
 Operator : VA/AP
 Sample : K2971-01RE
 Misc : 5.79g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUP-2A-G-1-052019RE

Quant Time: May 22 03:27:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

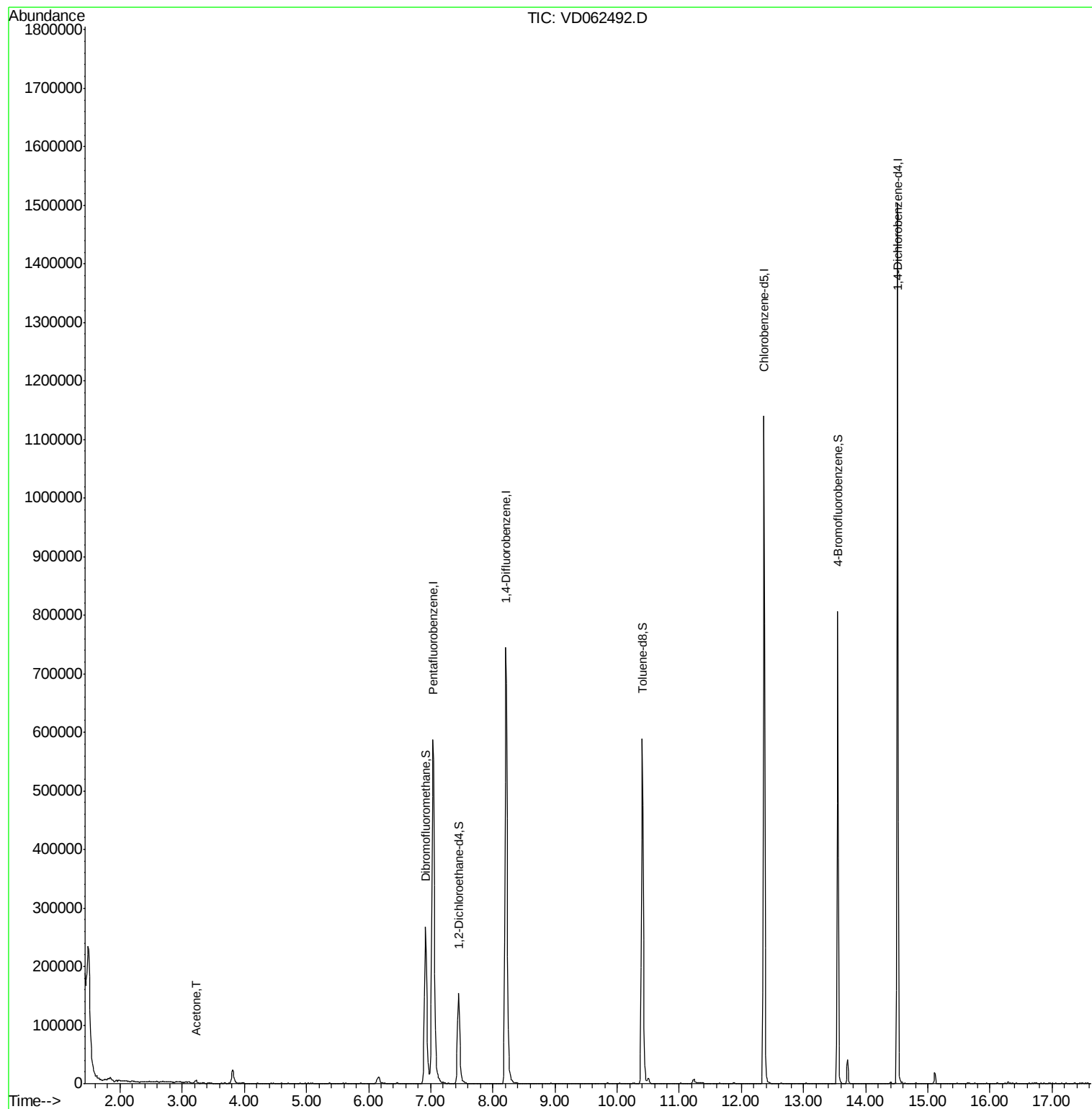
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	573261	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	795467	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	598555	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	331738	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	183132	29.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	59.68%	
35) Dibromofluoromethane	6.92	113	238694	33.26	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	66.52%	
50) Toluene-d8	10.40	98	464352	29.57	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	59.14%	
62) 4-Bromofluorobenzene	13.55	95	216081	31.46	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	62.92%	
Target Compounds						
16) Acetone	3.23	43	12262	11.151	ug/l #	Qvalue 88

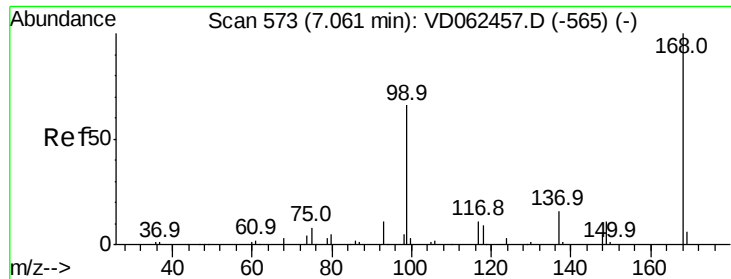
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

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Acq: 21 May 2019 20:13

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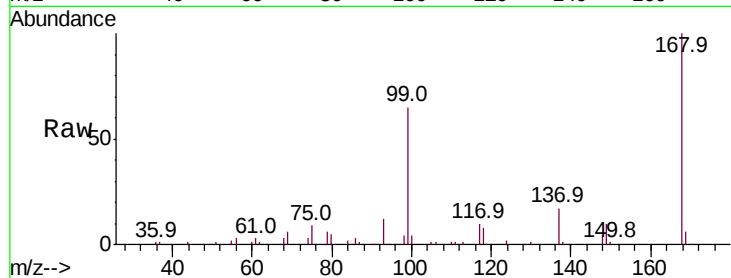
SUP-2A-G-1-052019RE

Tot Ion:168 Resp: 573261

Ion Ratio Lower Upper

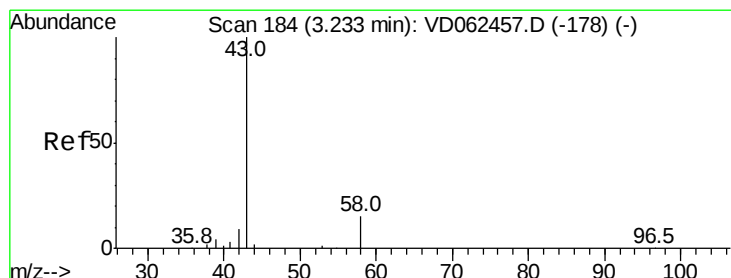
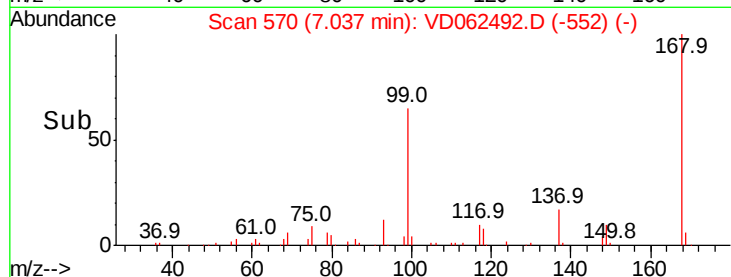
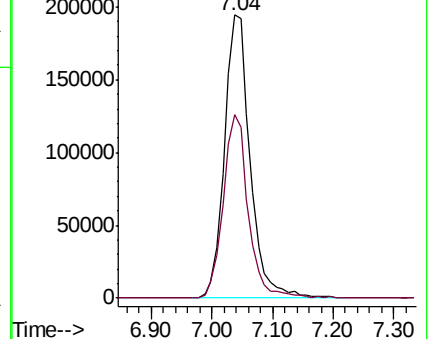
168 100

99 64.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 11.151 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062492.D

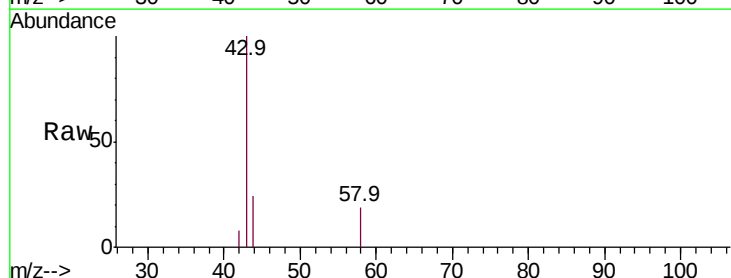
Acq: 21 May 2019 20:13

Tgt Ion: 43 Resp: 12262

Ion Ratio Lower Upper

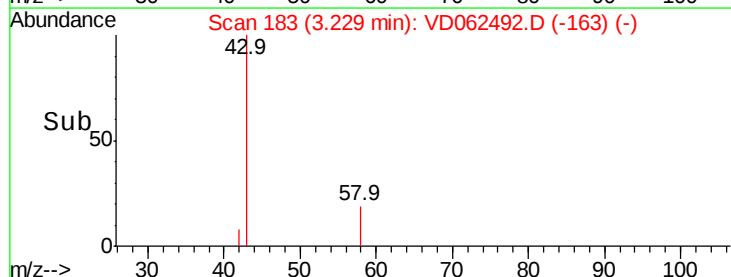
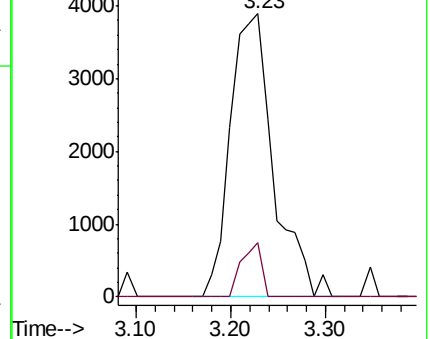
43 100

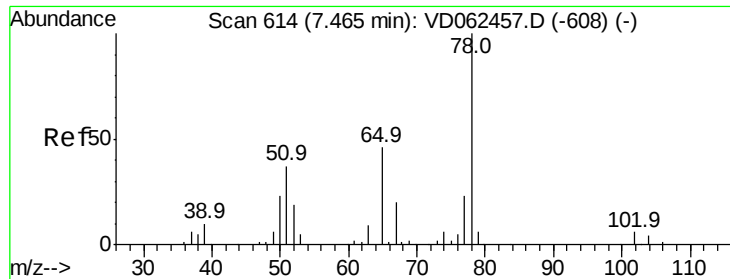
58 18.9 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 29.844 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062492.D

Acq: 21 May 2019 20:13

Instrument :

MSVOA_D

ClientSampleId :

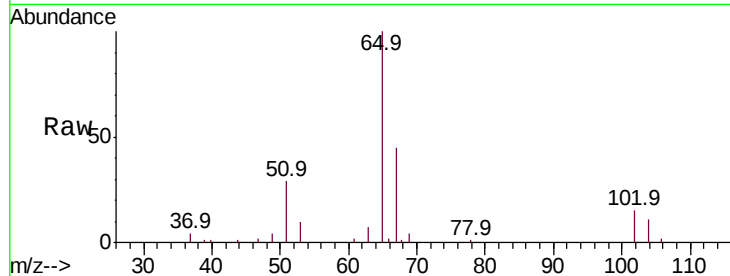
SUP-2A-G-1-052019RE

Tot Ion: 65 Resp: 183132

Ion Ratio Lower Upper

65 100

67 44.9 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

60000

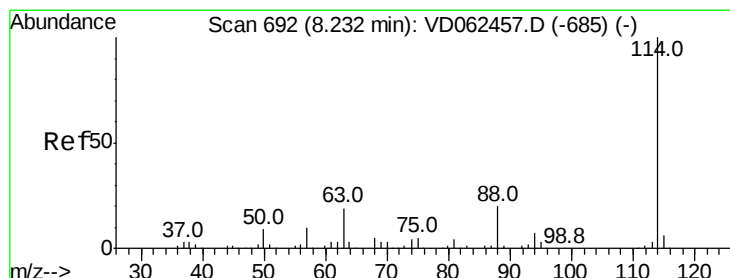
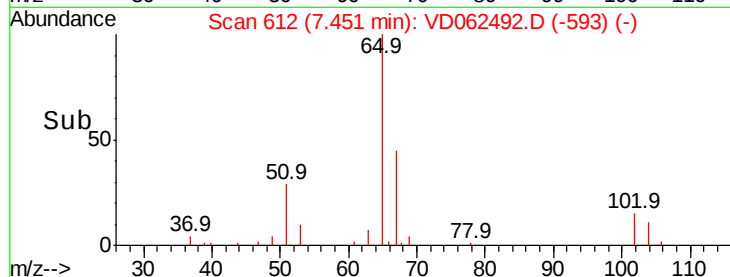
40000

20000

0

Time-->

7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD062492.D

Acq: 21 May 2019 20:13

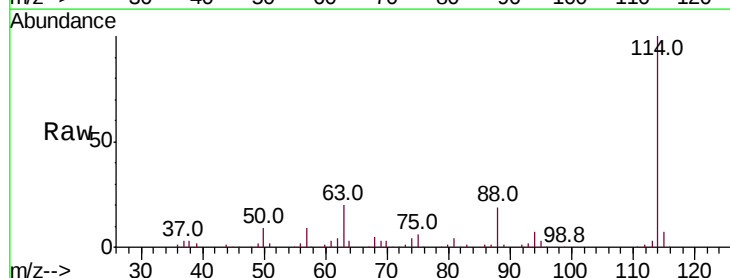
Tgt Ion: 114 Resp: 795467

Ion Ratio Lower Upper

114 100

63 20.3 0.0 32.4

88 18.9 0.0 33.6



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

8.21

400000

300000

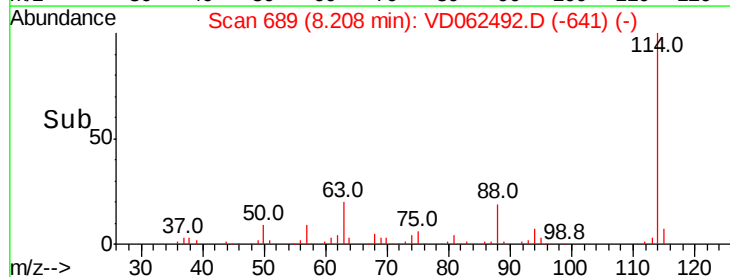
200000

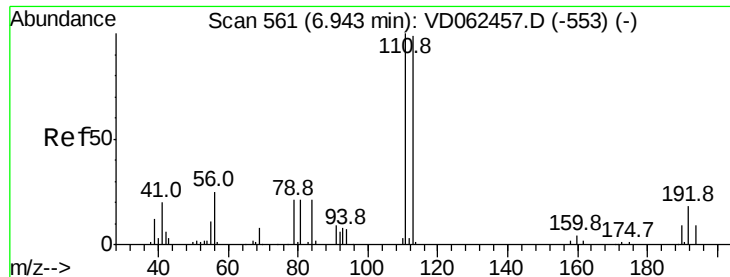
100000

0

Time-->

8.10 8.20 8.30 8.40

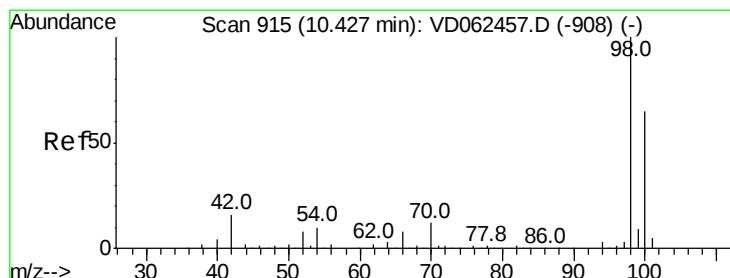
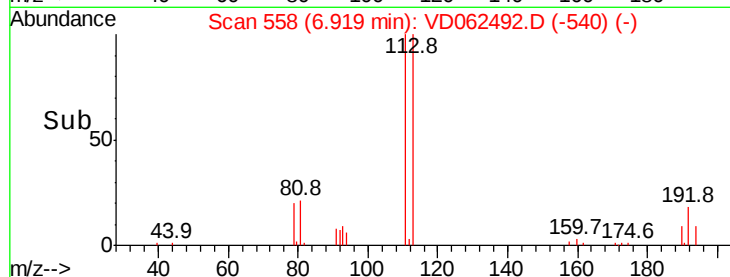
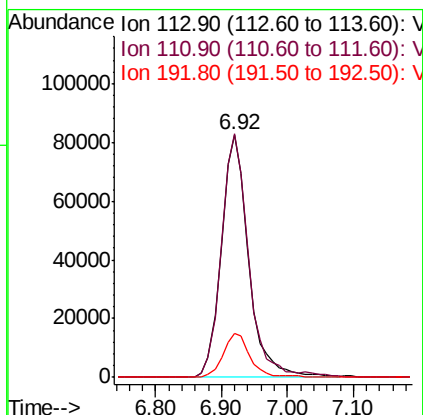
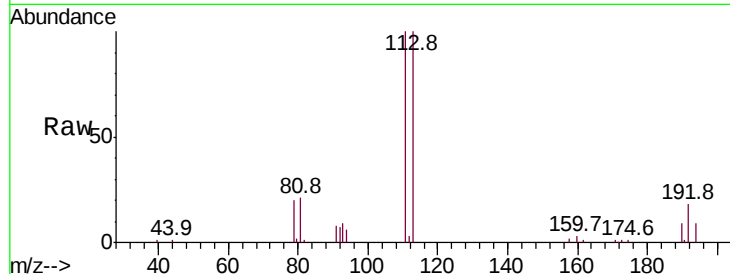




#35
 Dibromofluoromethane
 Concen: 33.262 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD062492.D
 Acq: 21 May 2019 20:13

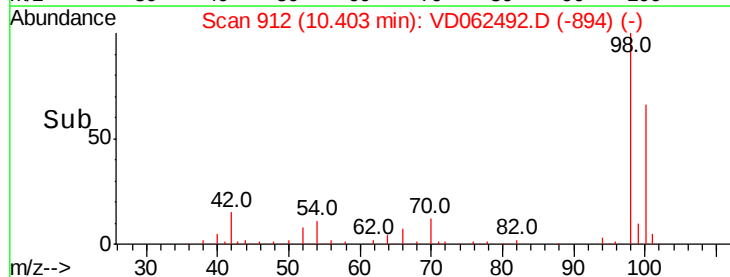
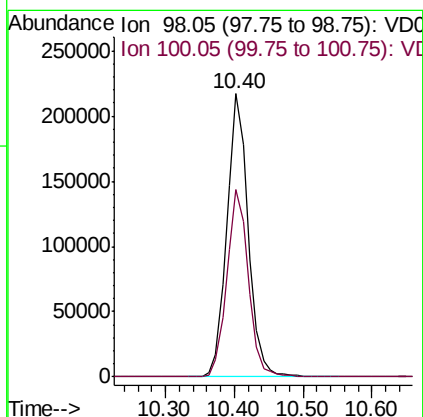
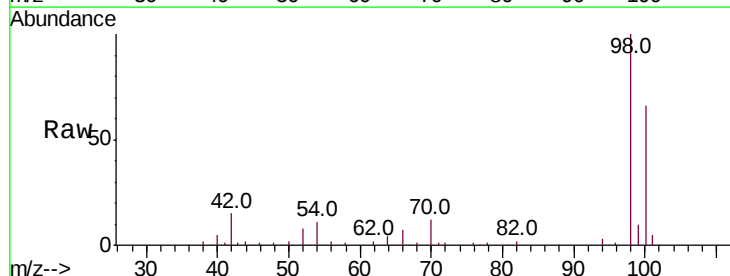
Instrument :
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 SUP-2A-G-1-052019RE

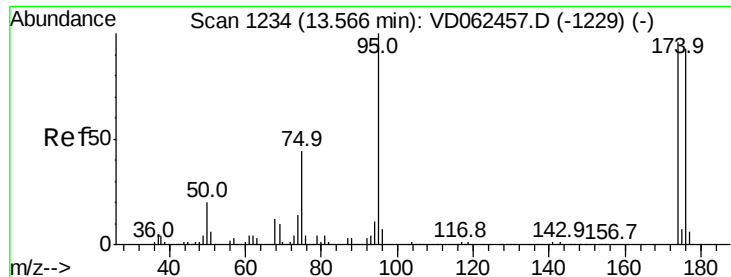
Tot Ion:113 Resp: 238694
 Ion Ratio Lower Upper
 113 100
 111 100.3 78.5 117.7
 192 18.2 13.0 19.4



#50
 Toluene-d8
 Concen: 29.569 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VD062492.D
 Acq: 21 May 2019 20:13

Tgt Ion: 98 Resp: 464352
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.8 80.8

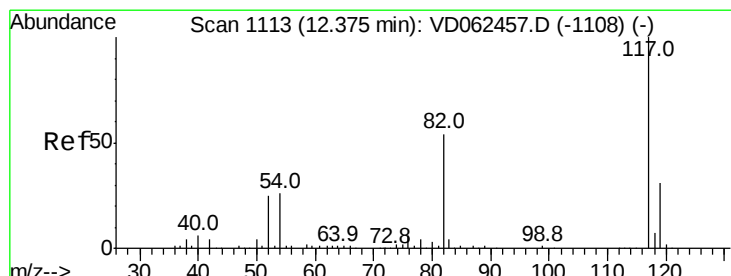
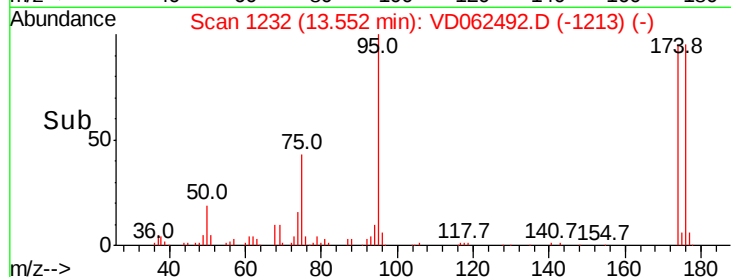
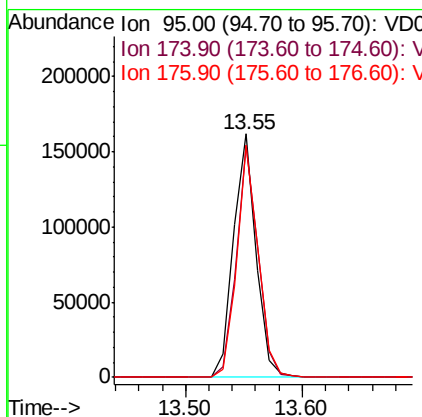
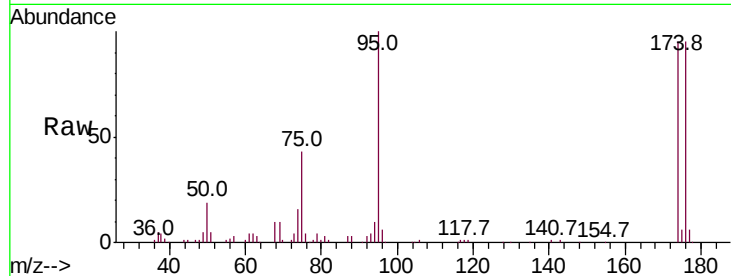




#62
4-Bromofluorobenzene
Concen: 31.455 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062492.D
Acq: 21 May 2019 20:13

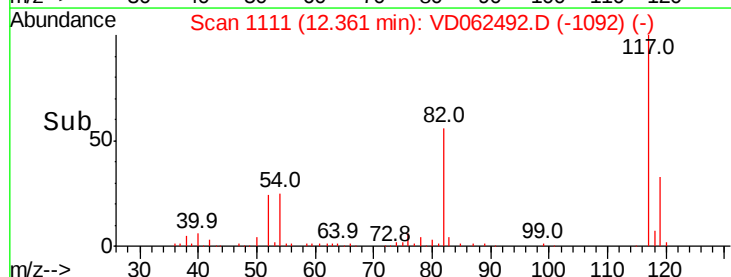
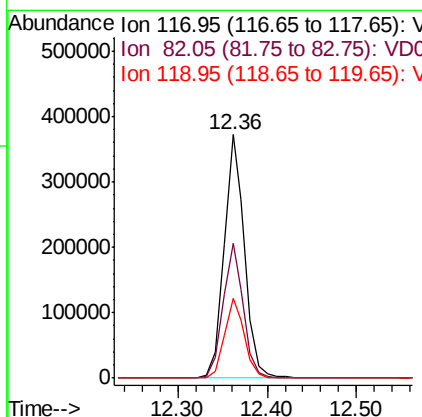
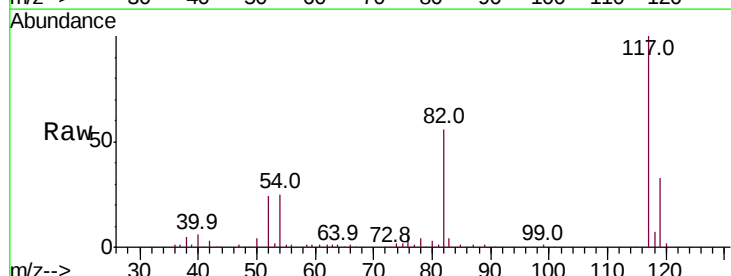
Instrument :
MSVOA_D
ClientSampleId :
SUP-2A-G-1-052019RE

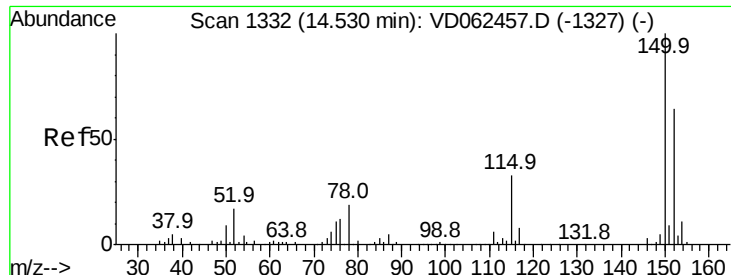
Tot Ion: 95 Resp: 216081
Ion Ratio Lower Upper
95 100
174 95.2 0.0 181.8
176 95.5 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062492.D
Acq: 21 May 2019 20:13

Tgt Ion: 117 Resp: 598555
Ion Ratio Lower Upper
117 100
82 55.5 36.2 54.2#
119 32.5 26.2 39.4

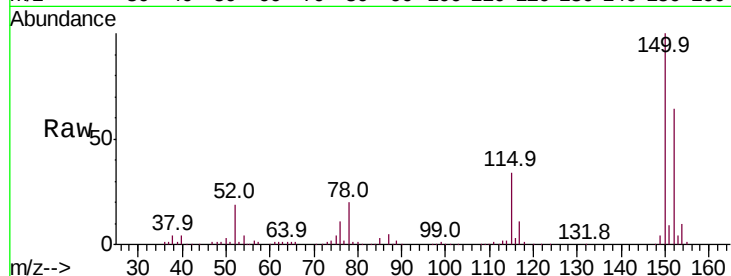




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD062492.D
 Acq: 21 May 2019 20:13

Instrument :
 MSVOA_D
 ClientSampleId :
 SUP-2A-G-1-052019RE

Tot Ion:152 Resp: 331738
 Ion Ratio Lower Upper
 152 100
 115 52.7 30.9 92.7
 150 155.5 0.0 314.8



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

