

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063585.D
 Acq On : 14 Aug 2019 20:20
 Operator : JC/SY
 Sample : K4290-04RE
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-4RE

Quant Time: Aug 15 13:01:59 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

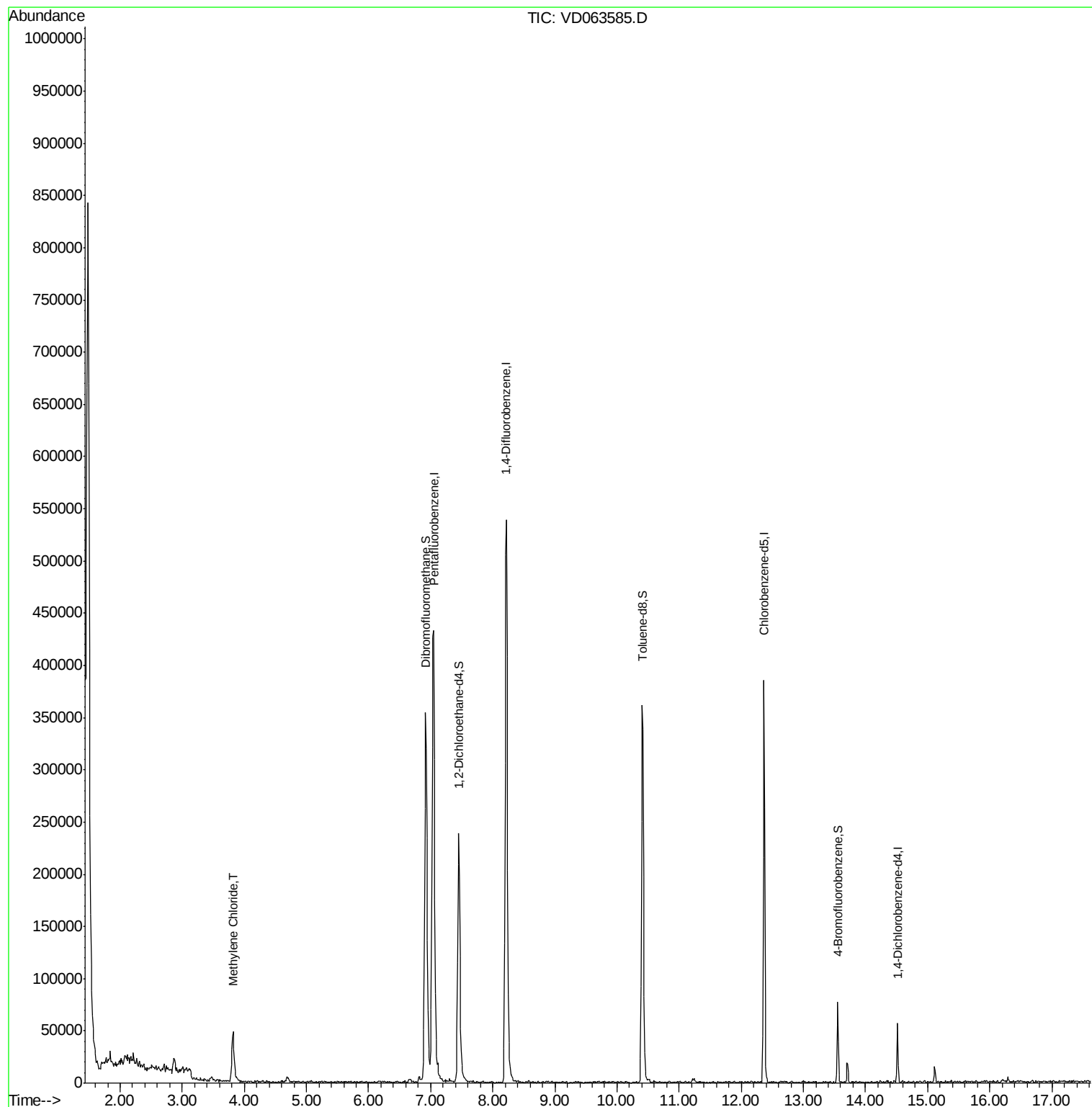
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	420789	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	566607	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	192926	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	14408	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	264386	58.78	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	117.56%	
35) Dibromofluoromethane	6.92	113	306090	64.14	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	128.28%	
50) Toluene-d8	10.40	98	304438	29.02	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	58.04%	
62) 4-Bromofluorobenzene	13.55	95	24103	5.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.14%	
Target Compounds						
20) Methylene Chloride	3.82	84	27081	6.850	ug/l #	Qvalue 89

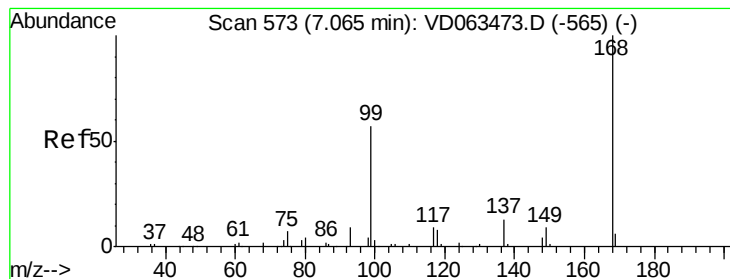
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063585.D

Acq: 14 Aug 2019 20:20

Instrument :

MSVOA_D

ClientSampleId :

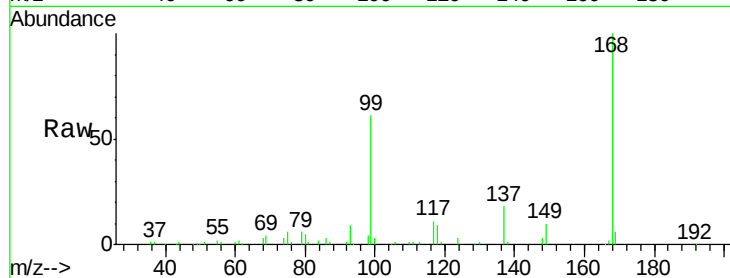
B-4RE

Tot Ion:168 Resp: 420789

Ion Ratio Lower Upper

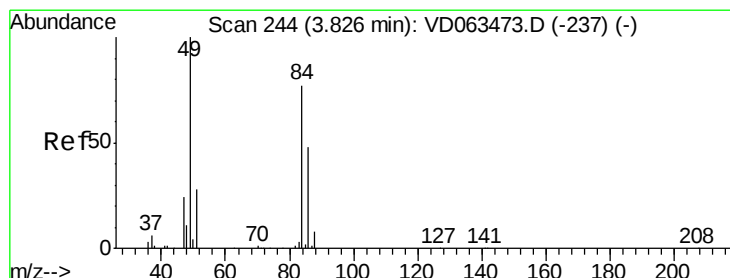
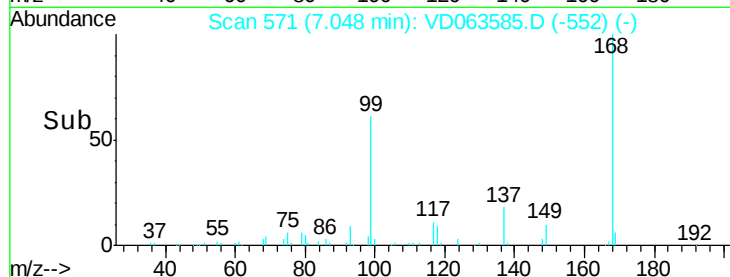
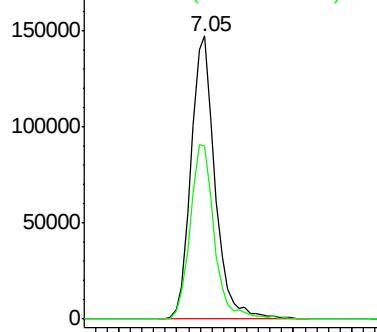
168 100

99 61.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 6.850 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD063585.D

Acq: 14 Aug 2019 20:20

Tgt Ion: 84 Resp: 27081

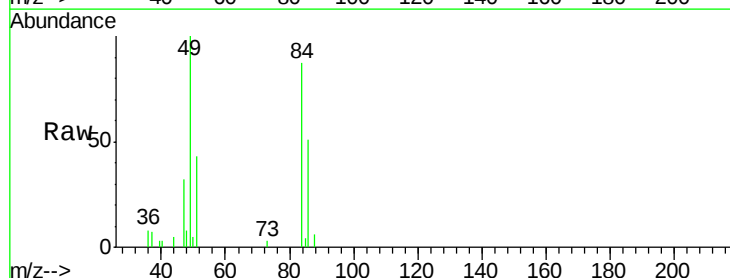
Ion Ratio Lower Upper

84 100

49 115.6 103.4 155.2

51 49.5 28.5 42.7#

86 59.4 49.4 74.2

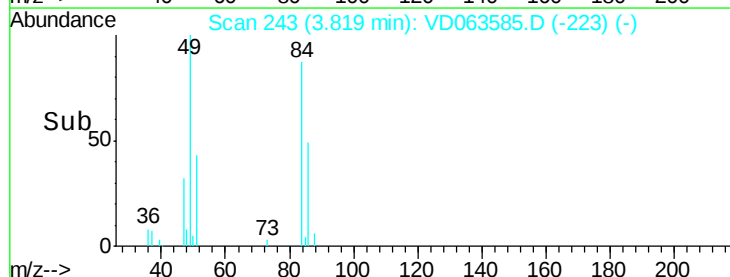
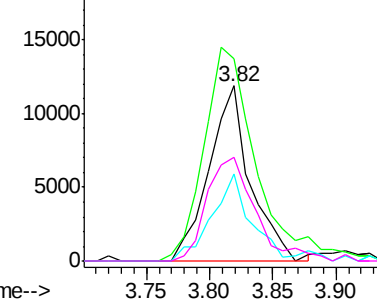


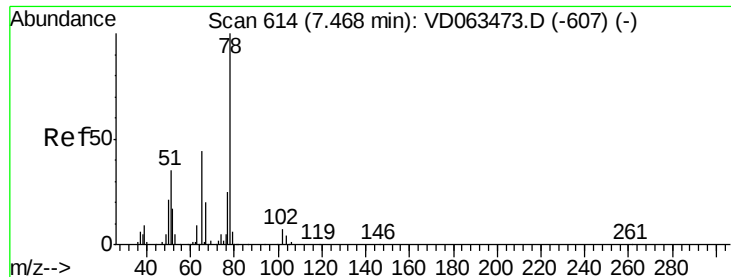
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

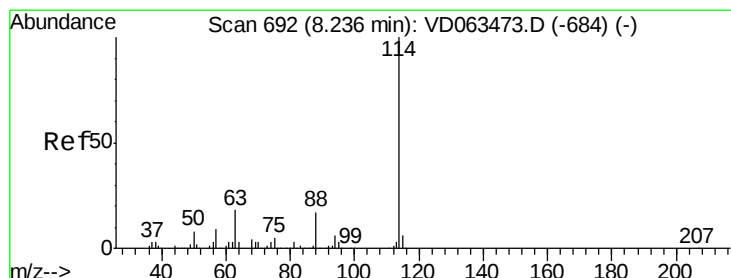
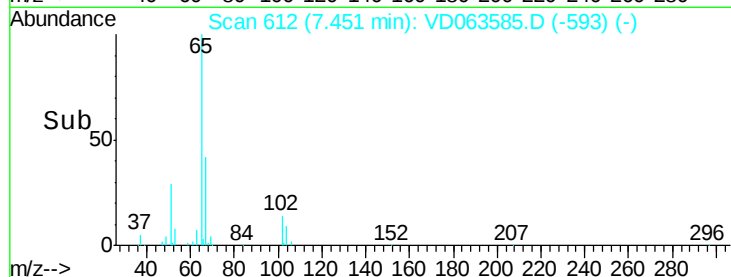
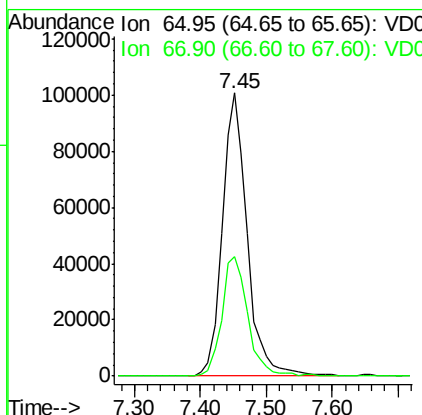
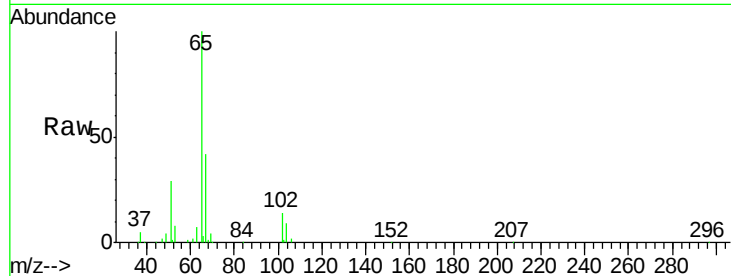




#33
 1,2-Dichloroethane-d4
 Concen: 58.780 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD063585.D
 Acq: 14 Aug 2019 20:20

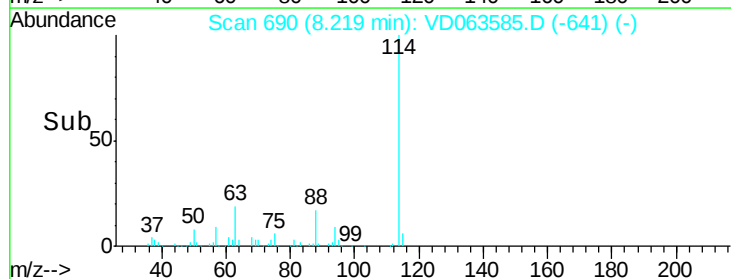
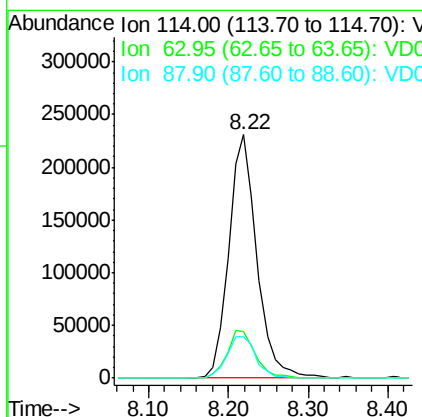
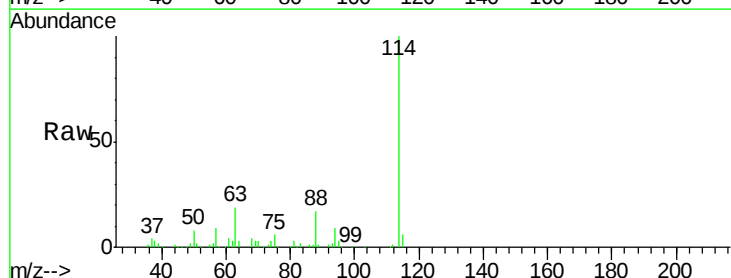
Instrument :
 MSVOA_D
 ClientSampleId :
 B-4RE

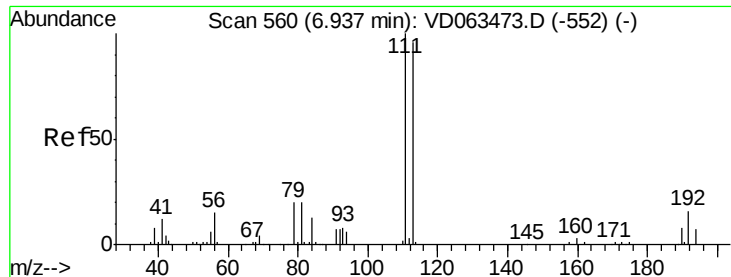
Tot Ion: 65 Resp: 264386
 Ion Ratio Lower Upper
 65 100
 67 42.2 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD063585.D
 Acq: 14 Aug 2019 20:20

Tgt Ion: 114 Resp: 566607
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 36.2
 88 16.8 0.0 35.0

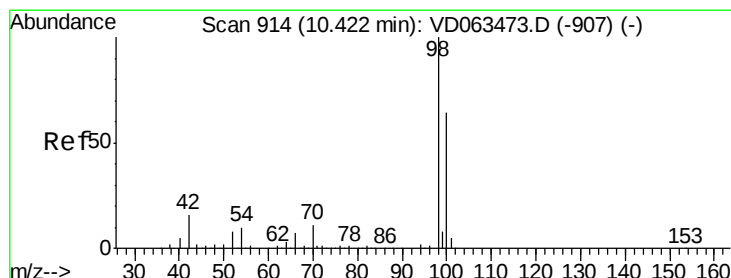
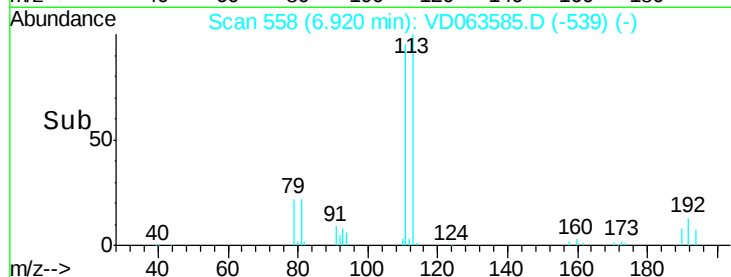
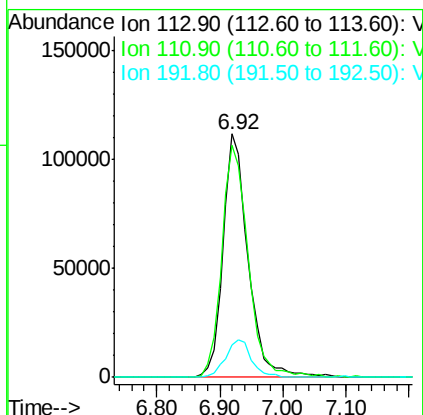
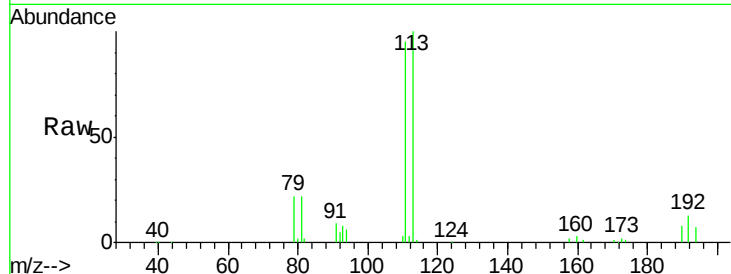




#35
 Dibromofluoromethane
 Concen: 64.143 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD063585.D
 Acq: 14 Aug 2019 20:20

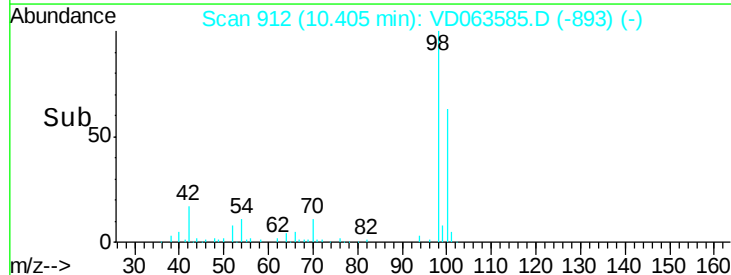
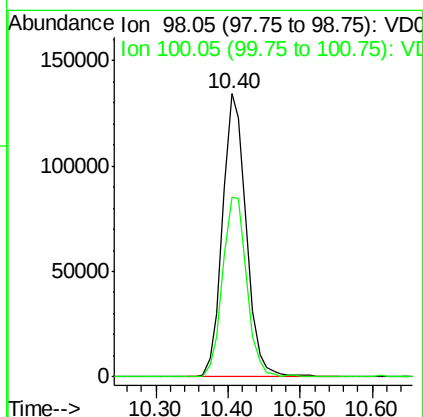
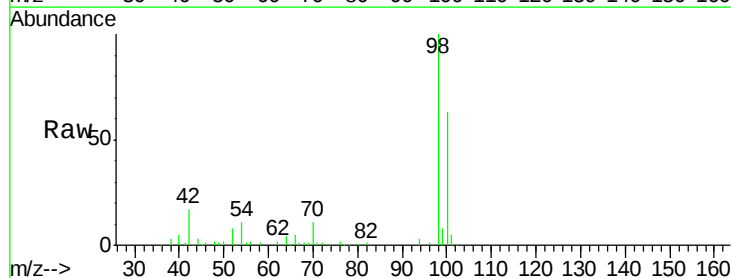
Instrument :
 MSVOA_D
 ClientSampleId :
 B-4RE

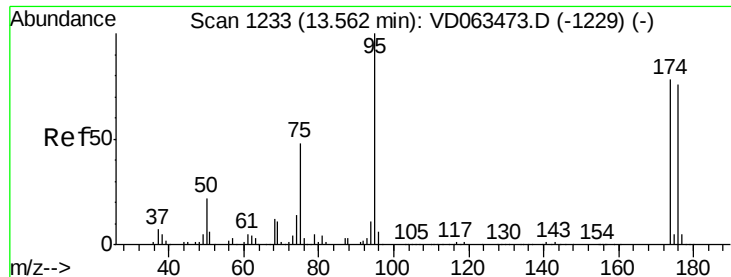
Tot Ion	Ratio	Lower	Upper
113	100		
111	95.4	83.1	124.7
192	13.2	13.1	19.7



#50
 Toluene-d8
 Concen: 29.018 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VD063585.D
 Acq: 14 Aug 2019 20:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.7	77.5

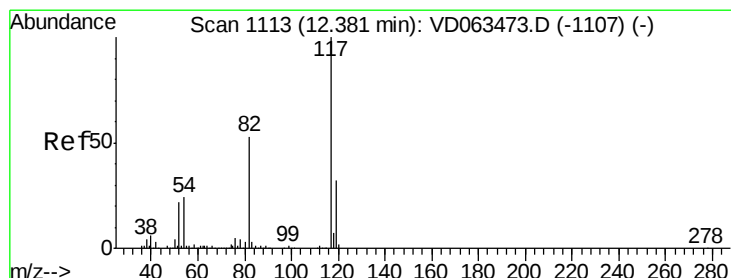
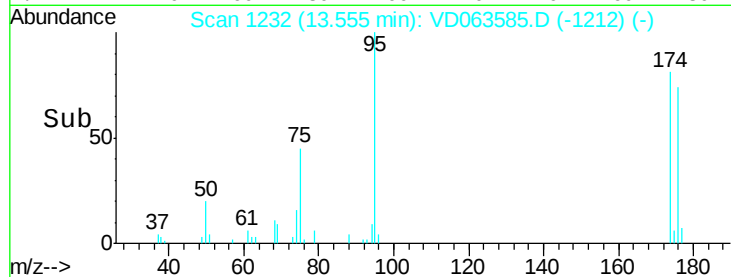
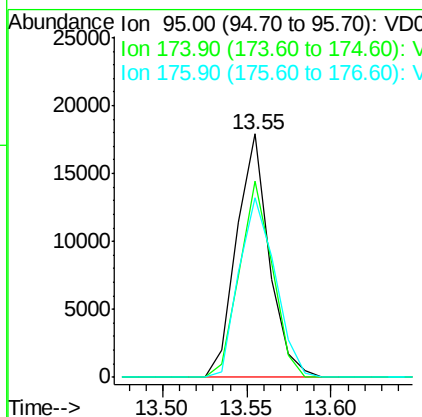
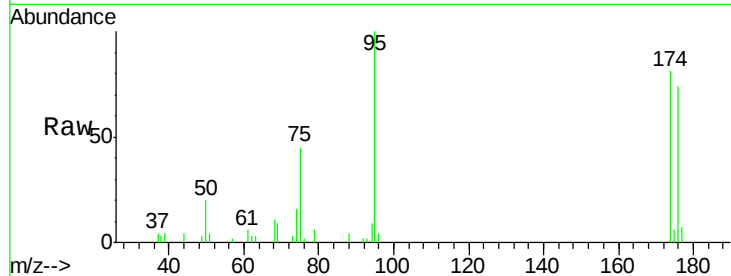




#62
4-Bromofluorobenzene
Concen: 5.069 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063585.D
Acq: 14 Aug 2019 20:20

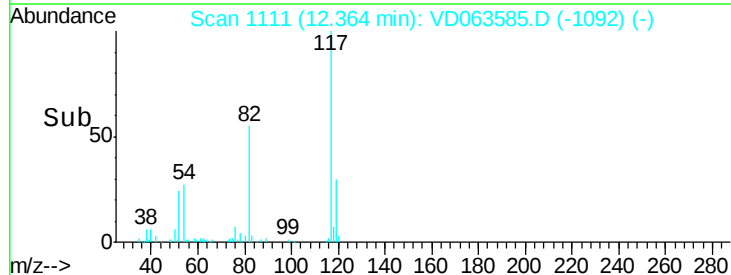
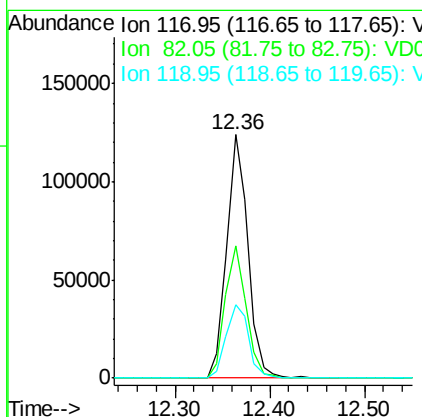
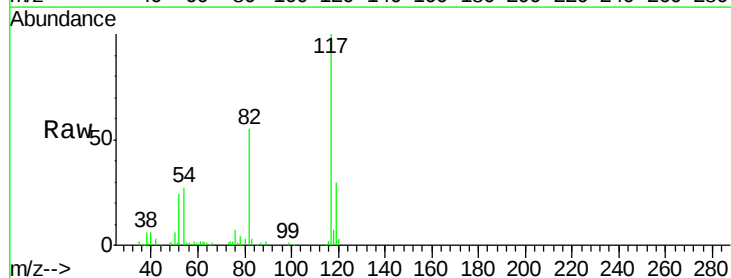
Instrument :
MSVOA_D
ClientSampleID :
B-4RE

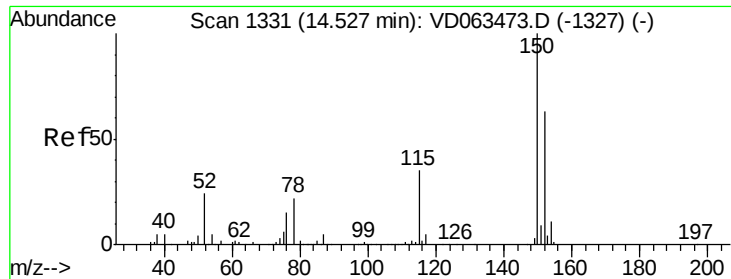
Tot Ion: 95 Resp: 24103
Ion Ratio Lower Upper
95 100
174 80.7 0.0 155.4
176 74.0 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063585.D
Acq: 14 Aug 2019 20:20

Tgt Ion: 117 Resp: 192926
Ion Ratio Lower Upper
117 100
82 54.5 42.0 63.0
119 30.0 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: VD063585.D

Acq: 14 Aug 2019 20:20

Instrument :

MSVOA_D

ClientSampleId :

B-4RE

Tot Ion:152 Resp: 14408

Ion Ratio Lower Upper

152 100

115 47.4 30.9 92.7

150 149.4 0.0 318.6

