

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082219\
 Data File : VD063734.D
 Acq On : 22 Aug 2019 15:33
 Operator : JC/SY
 Sample : K4388-20
 Misc : 4.97g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E4-(0)

Quant Time: Aug 23 07:18:22 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

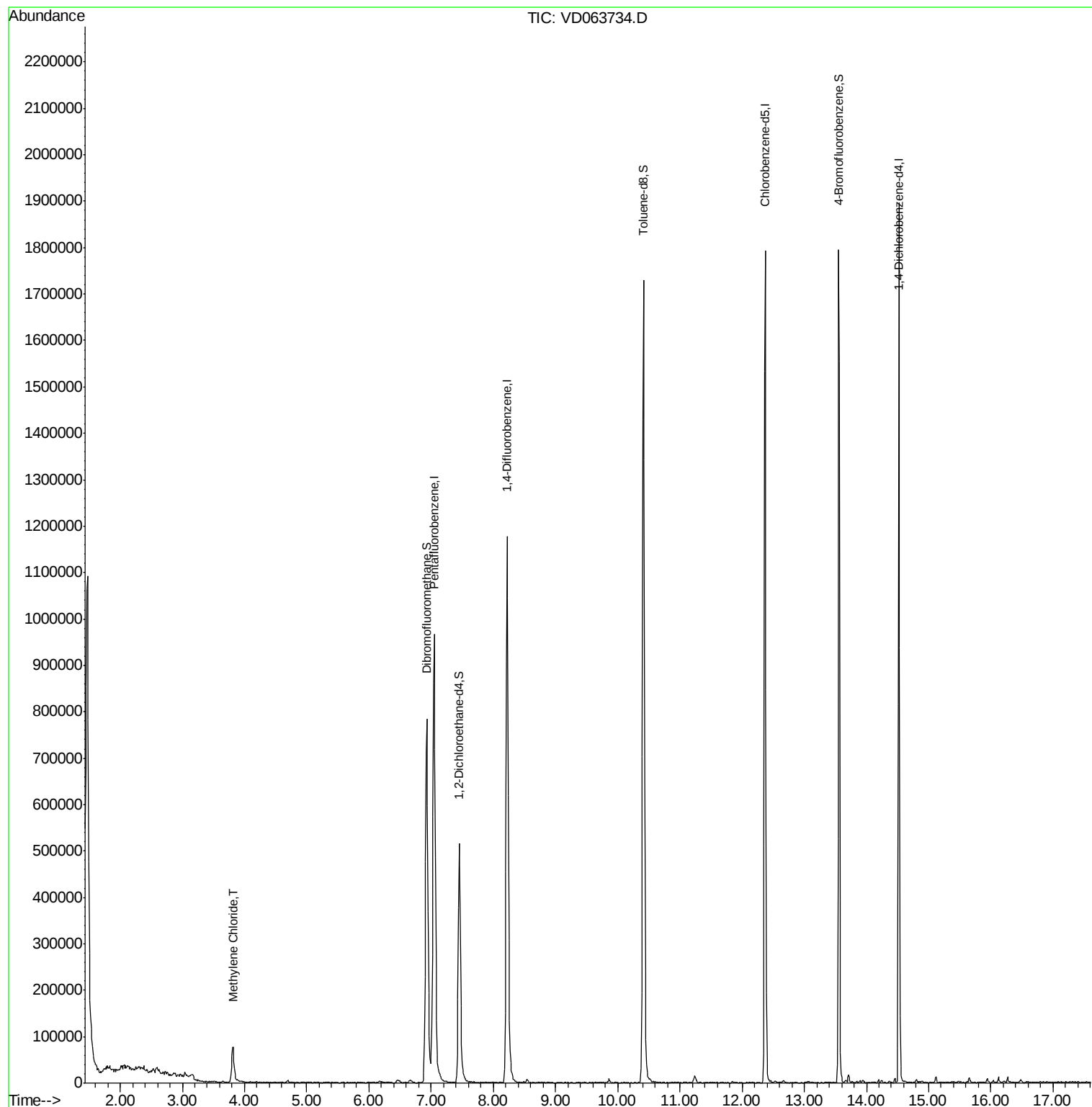
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	940669	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1300318	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	997006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	394320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	573107	57.00	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.00%	
35) Dibromofluoromethane	6.93	113	678988	62.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.00%	
50) Toluene-d8	10.41	98	1392718	57.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.68%	
62) 4-Bromofluorobenzene	13.55	95	521279	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
Target Compounds						
20) Methylene Chloride	3.82	84	49742	5.628	ug/l #	Qvalue 95

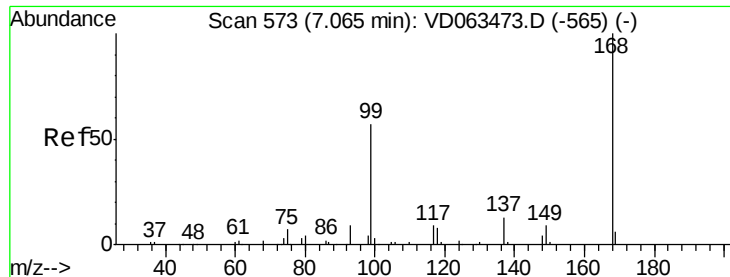
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 06:42:47 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063734.D

Acq: 22 Aug 2019 15:33

Instrument :

MSVOA_D

ClientSampleId :

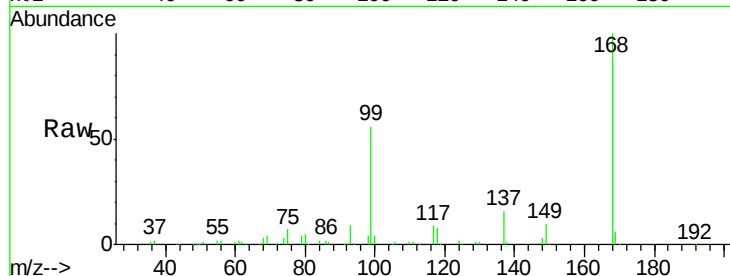
T6-E4-(0)

Tot Ion:168 Resp: 940669

Ion Ratio Lower Upper

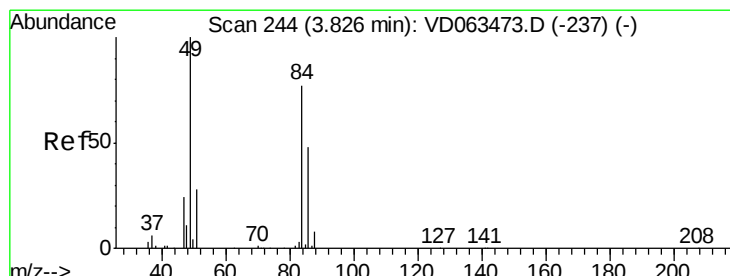
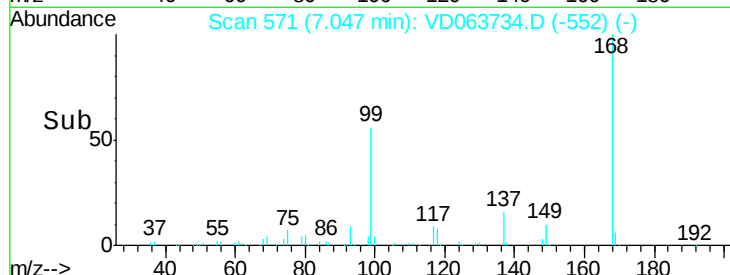
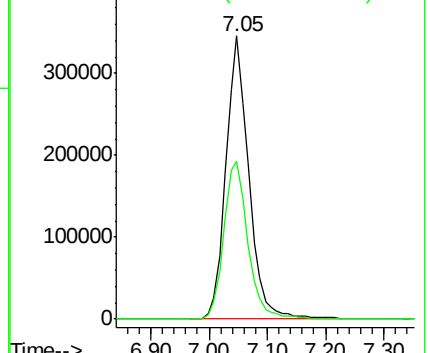
168 100

99 55.9 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: 5.628 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD063734.D

Acq: 22 Aug 2019 15:33

Tgt Ion: 84 Resp: 49742

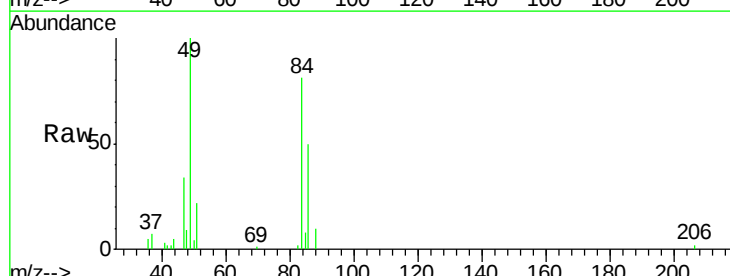
Ion Ratio Lower Upper

84 100

49 123.6 103.4 155.2

51 27.6 28.5 42.7#

86 61.4 49.4 74.2

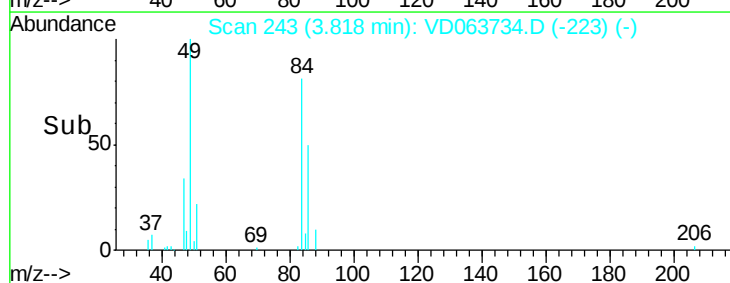
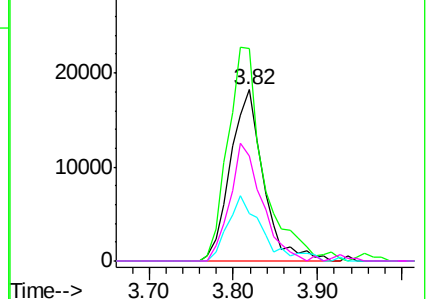


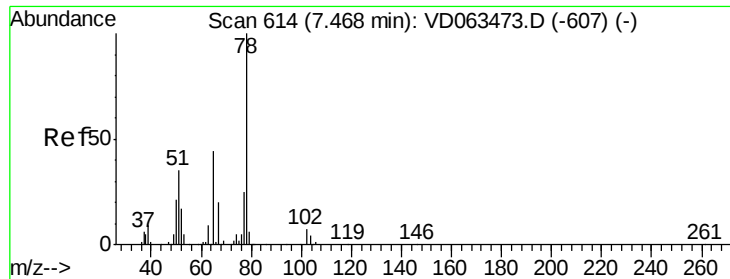
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

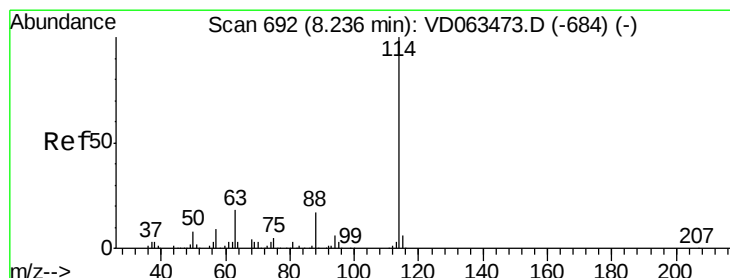
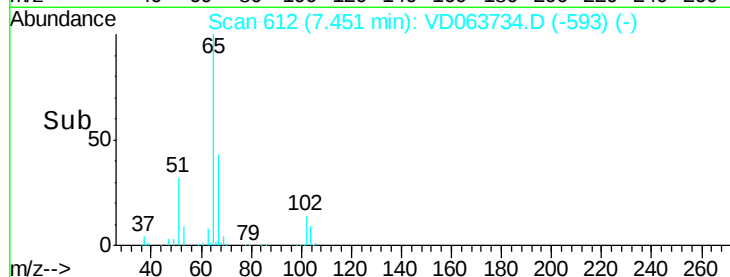
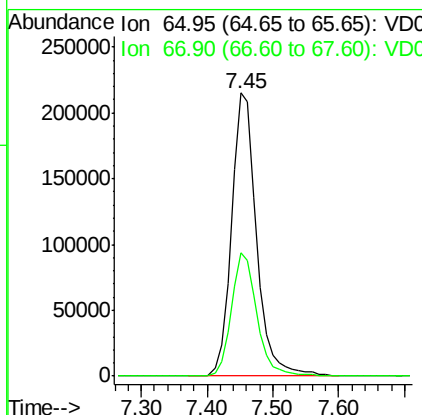
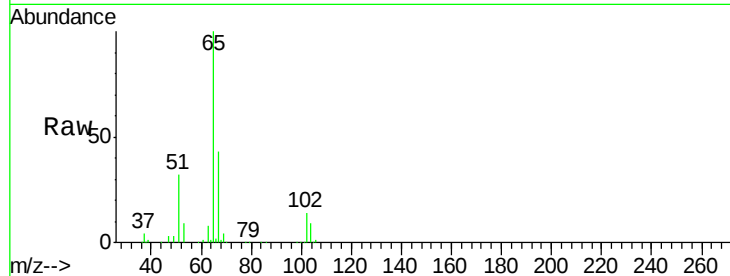




#33
 1,2-Dichloroethane-d4
 Concen: 56.997 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: VD063734.D
 Acq: 22 Aug 2019 15:33

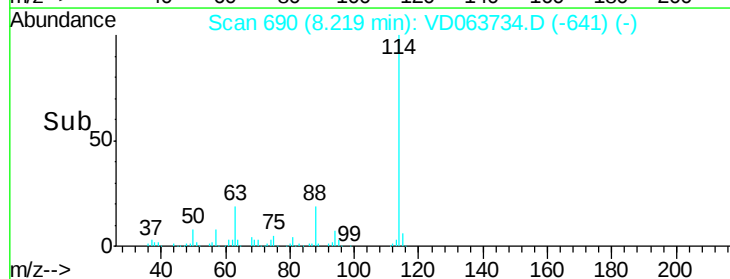
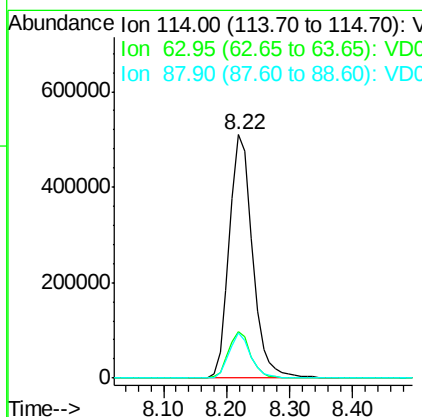
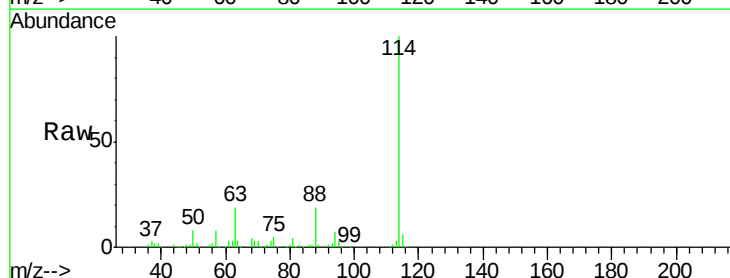
Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E4-(0)

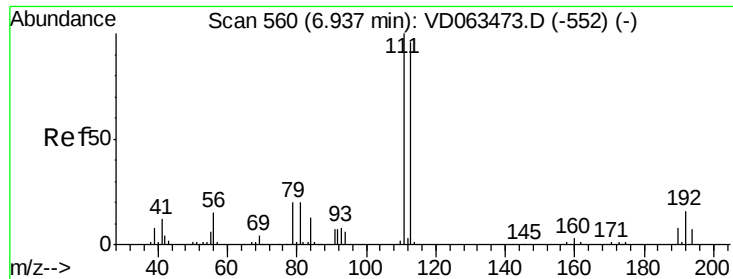
Tot Ion: 65 Resp: 573107
 Ion Ratio Lower Upper
 65 100
 67 43.4 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD063734.D
 Acq: 22 Aug 2019 15:33

Tgt Ion: 114 Resp: 1300318
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.2
 88 18.7 0.0 35.0

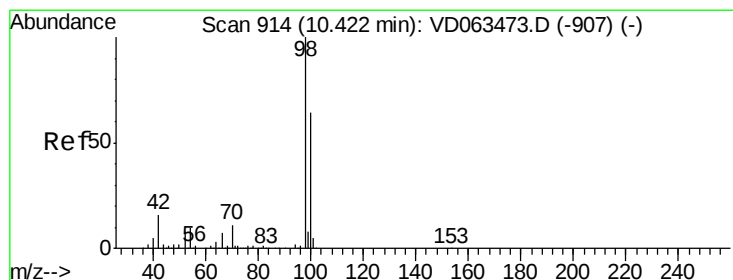
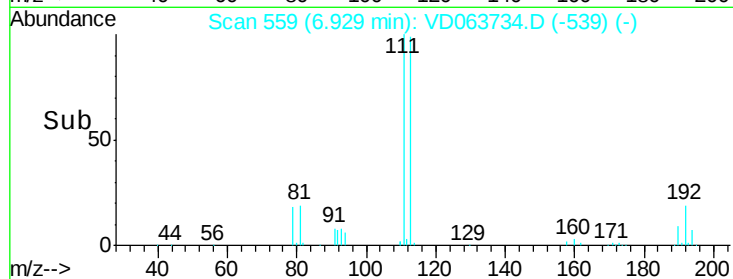
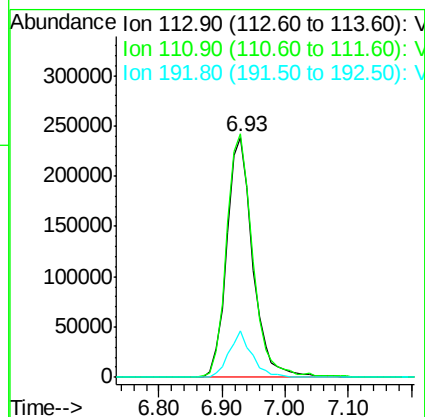
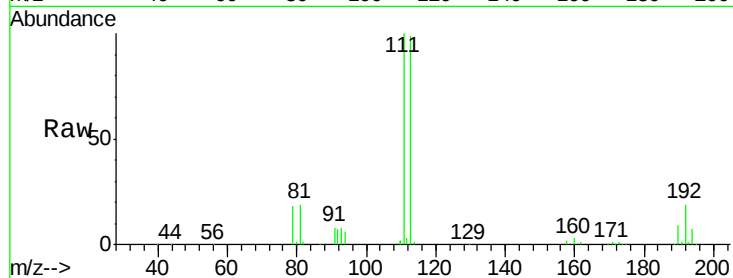




#35
 Dibromofluoromethane
 Concen: 62.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD063734.D
 Acq: 22 Aug 2019 15:33

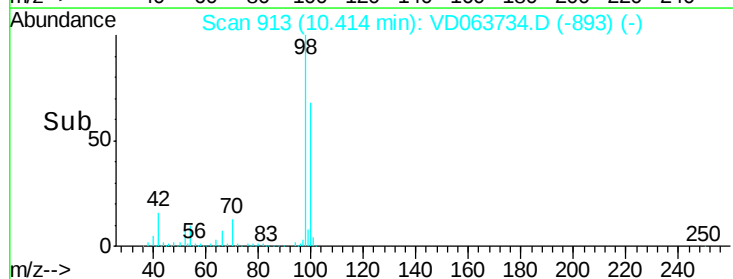
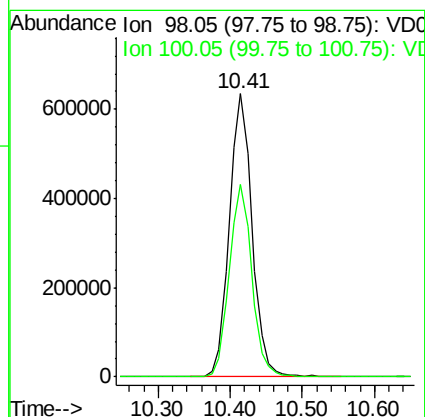
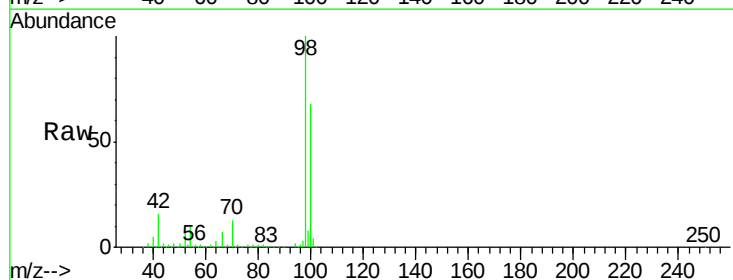
Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E4-(0)

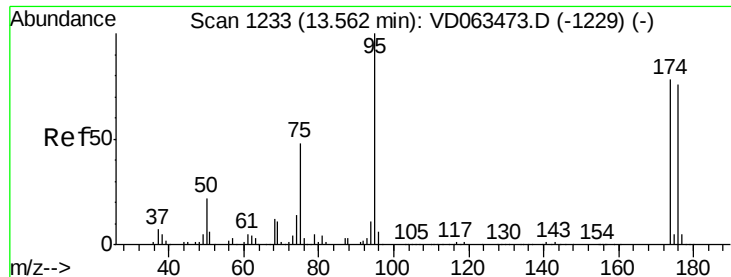
Tot Ion:113 Resp: 678988
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.1 124.7
 192 19.4 13.1 19.7



#50
 Toluene-d8
 Concen: 57.844 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: VD063734.D
 Acq: 22 Aug 2019 15:33

Tgt Ion: 98 Resp: 1392718
 Ion Ratio Lower Upper
 98 100
 100 68.1 51.7 77.5

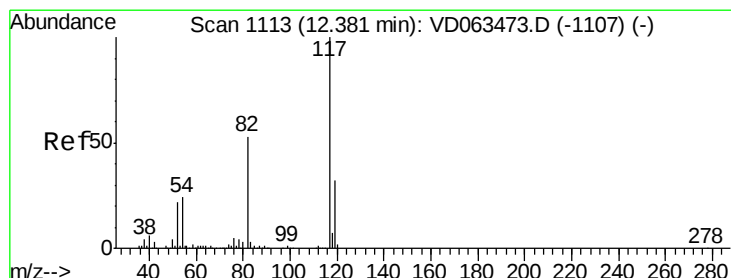
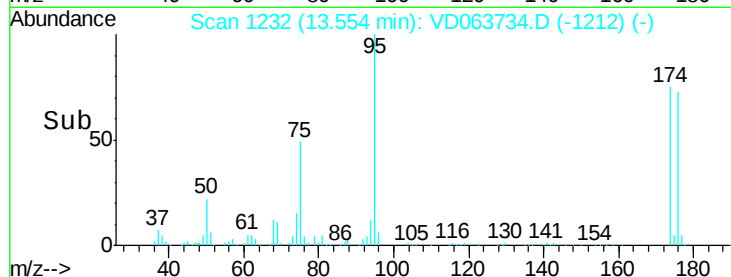
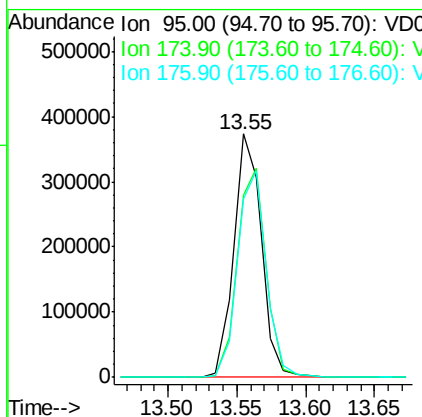
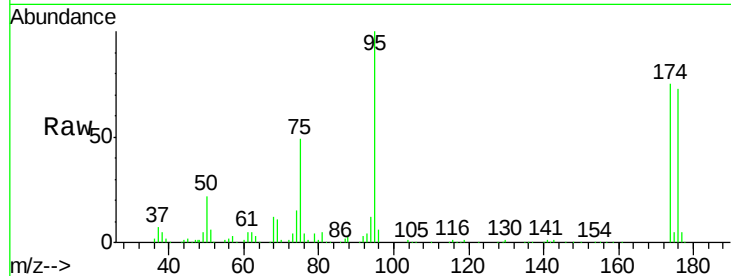




#62
4-Bromofluorobenzene
Concen: 47.768 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063734.D
Acq: 22 Aug 2019 15:33

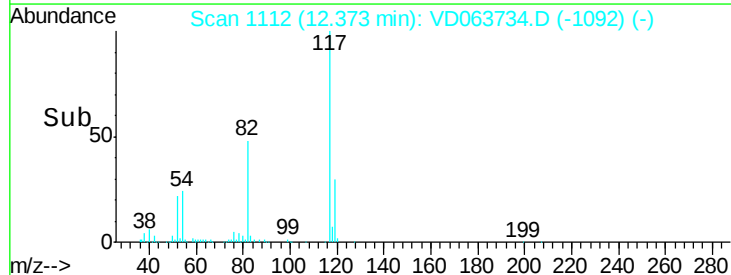
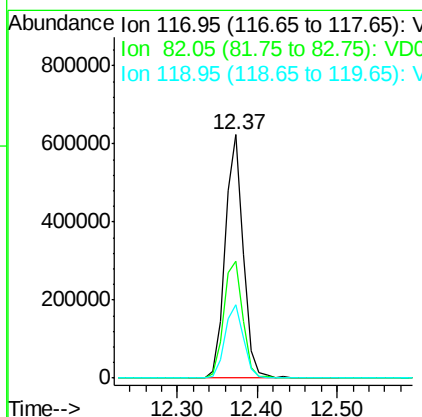
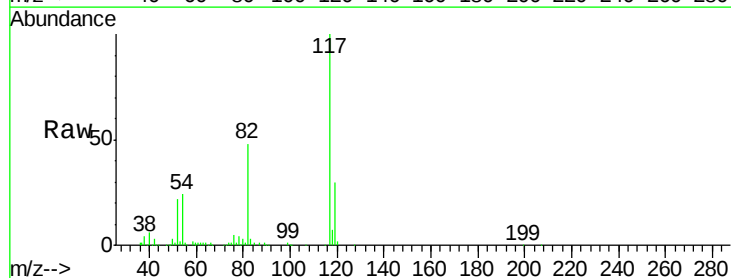
Instrument :
MSVOA_D
ClientSampleId :
T6-E4-(0)

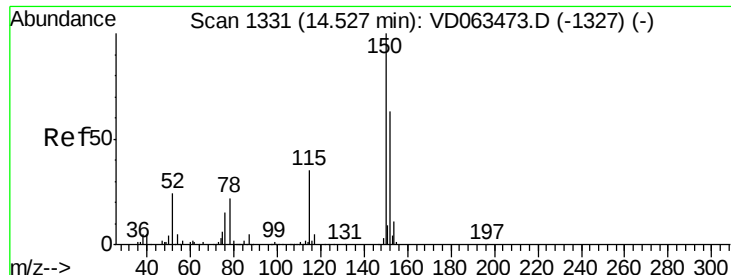
Tot Ion: 95 Resp: 521279
Ion Ratio Lower Upper
95 100
174 74.7 0.0 155.4
176 73.3 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063734.D
Acq: 22 Aug 2019 15:33

Tgt Ion: 117 Resp: 997006
Ion Ratio Lower Upper
117 100
82 47.9 42.0 63.0
119 30.4 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: VD063734.D

Acq: 22 Aug 2019 15:33

Instrument :

MSVOA_D

ClientSampleId :

T6-E4-(0)

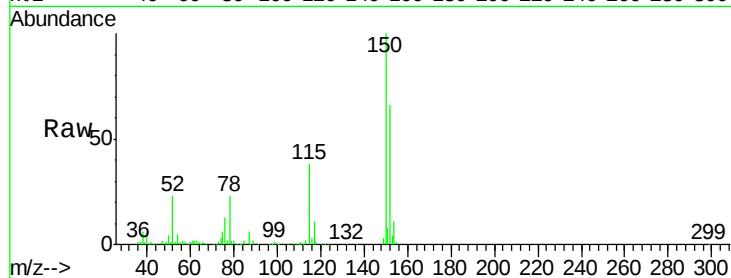
Tot Ion:152 Resp: 394320

Ion Ratio Lower Upper

152 100

115 57.6 30.9 92.7

150 151.5 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

