

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082319\
 Data File : VD063777.D
 Acq On : 23 Aug 2019 20:10
 Operator : JC/SY
 Sample : K4475-02
 Misc : 5.65g/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T1-2-E-(0)

Quant Time: Aug 26 11:45:45 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

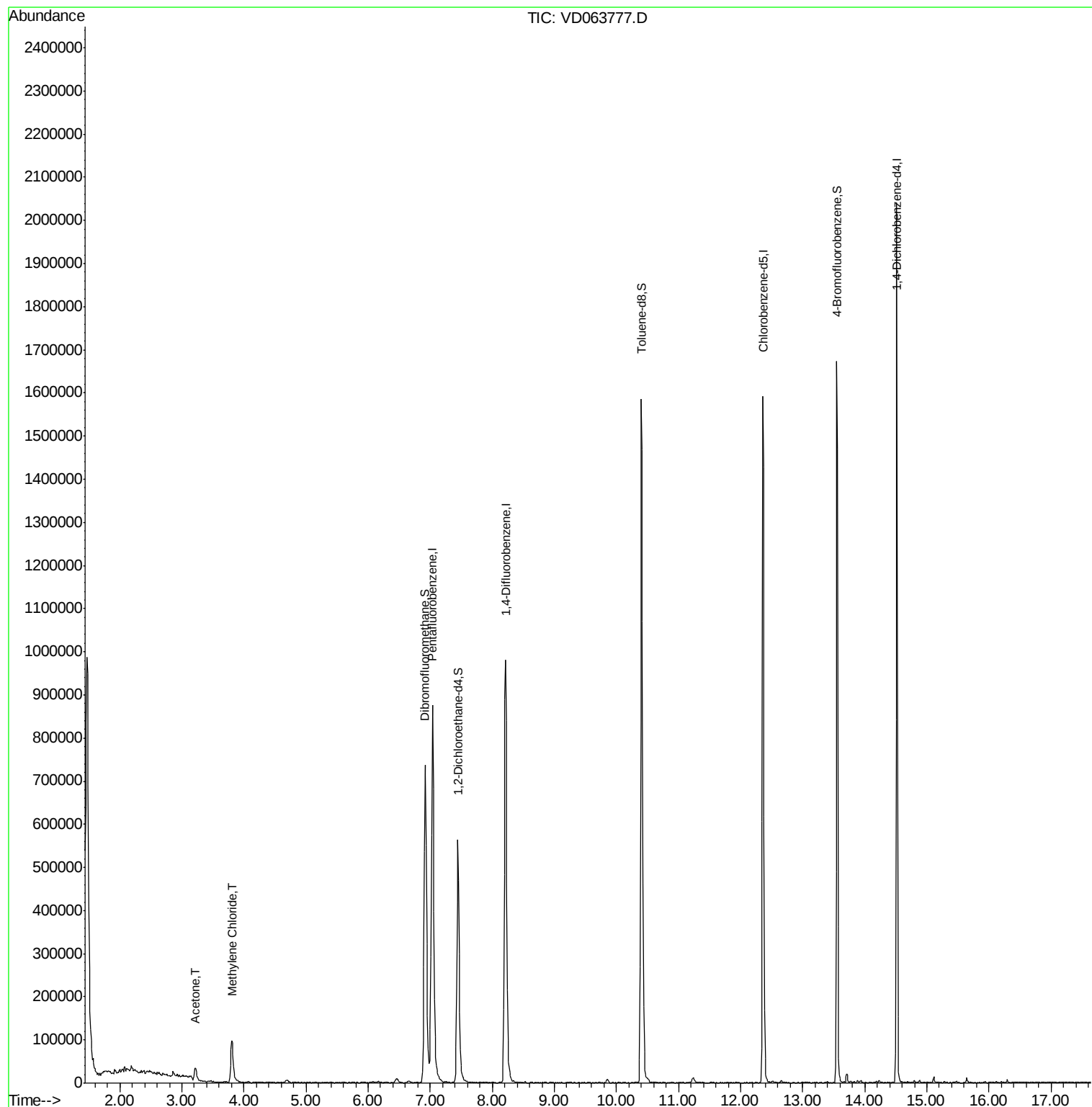
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	868849	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	1116078	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	901945	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	414668	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	602051	64.83	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	129.66%	
35) Dibromofluoromethane	6.91	113	660651	70.28	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	140.56%	
50) Toluene-d8	10.40	98	1325611	64.15	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	128.30%	
62) 4-Bromofluorobenzene	13.55	95	485347	51.82	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.64%	
Target Compounds						
16) Acetone	3.21	43	64829	34.339	ug/l	94
20) Methylene Chloride	3.80	84	64722	7.928	ug/l #	82

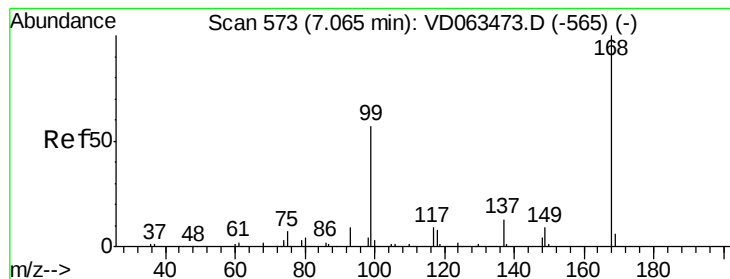
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.02 min

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Acq: 23 Aug 2019 20:10

Instrument :

MSVOA_D

ClientSampleId :

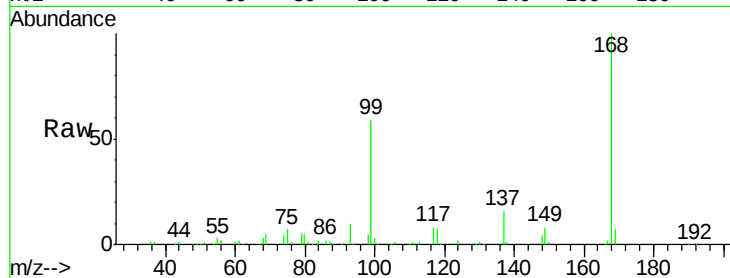
T1-2-E-(0)

Tot Ion:168 Resp: 868849

Ion Ratio Lower Upper

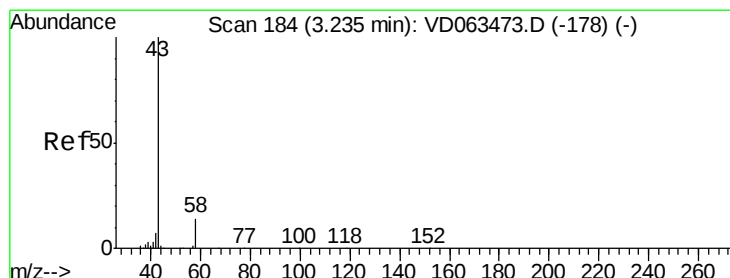
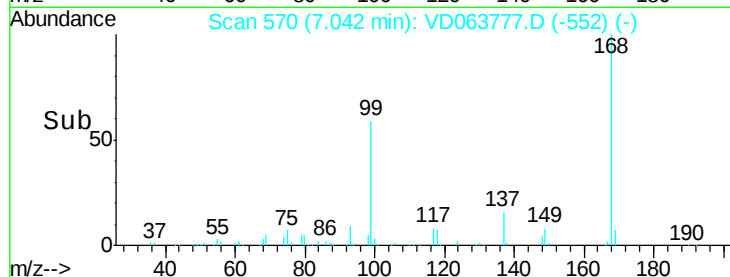
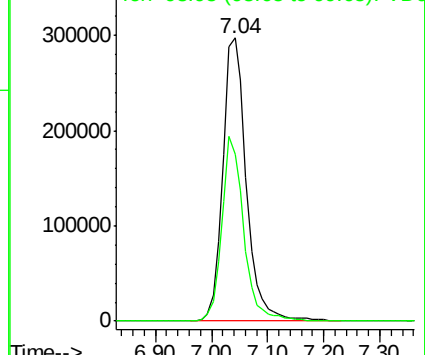
168 100

99 58.7 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: 34.339 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD063777.D

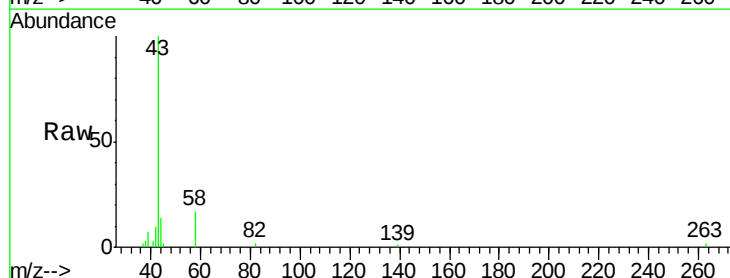
Acq: 23 Aug 2019 20:10

Tgt Ion: 43 Resp: 64829

Ion Ratio Lower Upper

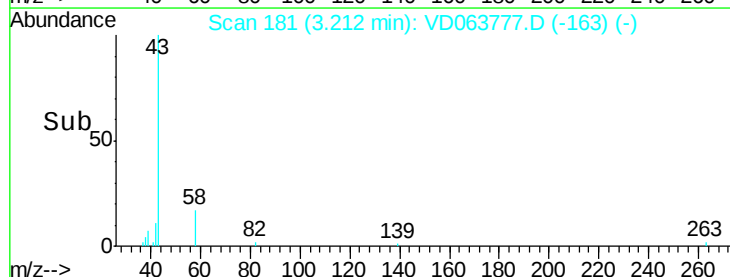
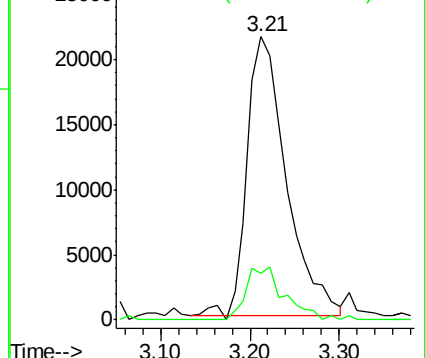
43 100

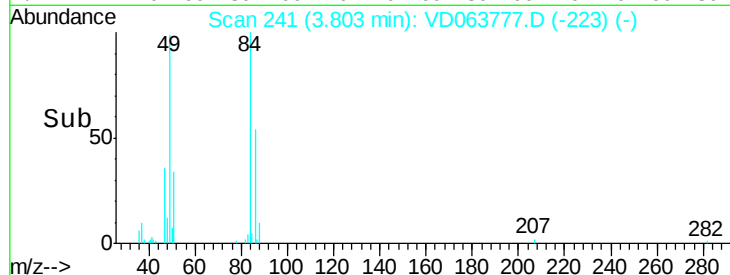
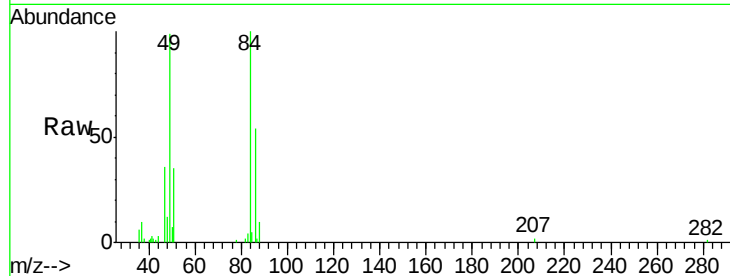
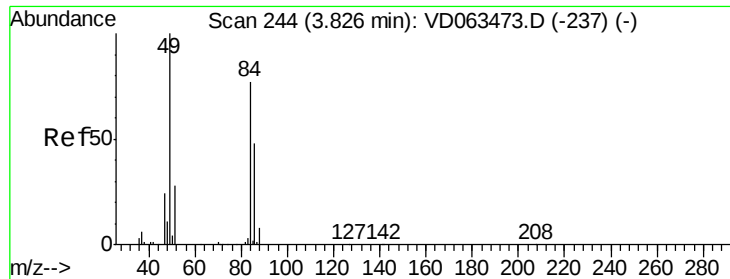
58 16.7 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

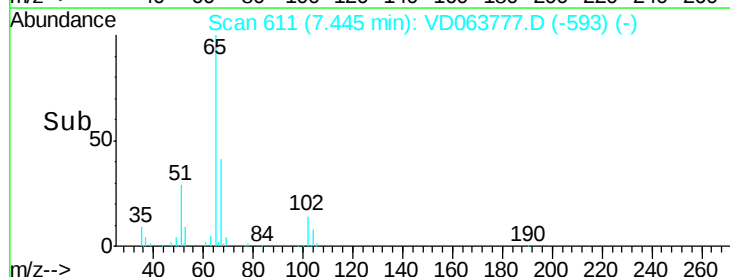
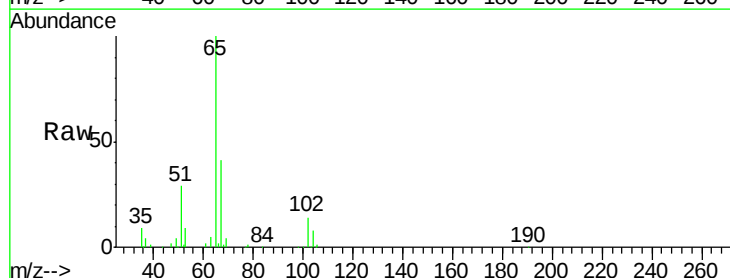
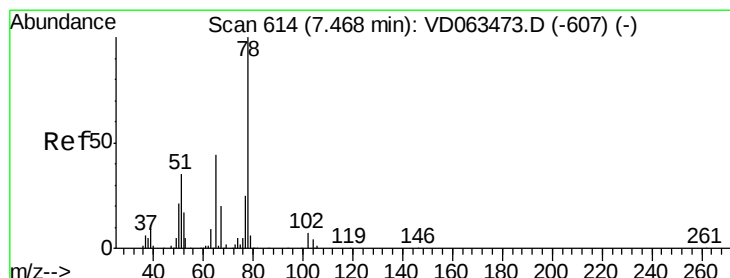
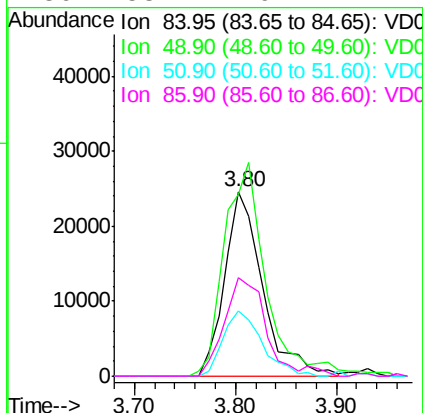




#20
Methvlene Chloride
Concen: 7.928 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.02 min
Lab File: VD063777.D
Acq: 23 Aug 2019 20:10

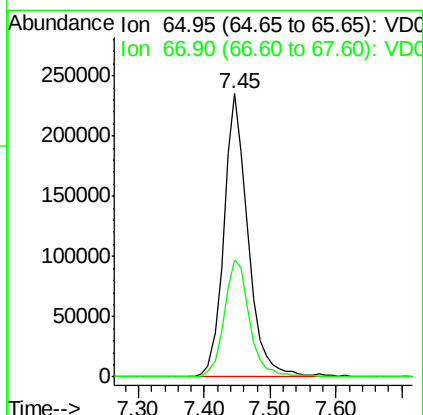
Instrument :
MSVOA_D
ClientSampleId :
T1-2-E-(0)

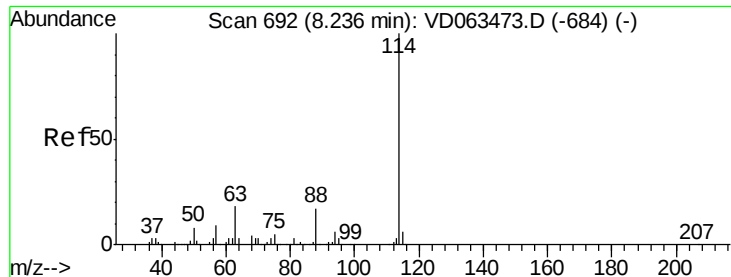
Tot Ion:	84	Resp:	64722
Ion	Ratio	Lower	Upper
84	100		
49	98.5	103.4	155.2#
51	35.2	28.5	42.7
86	53.7	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: 64.825 ug/l
RT: 7.45 min Scan# 611
Delta R.T. -0.02 min
Lab File: VD063777.D
Acq: 23 Aug 2019 20:10

Tgt Ion:	65	Resp:	602051
Ion	Ratio	Lower	Upper
65	100		
67	41.4	0.0	89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063777.D

Acq: 23 Aug 2019 20:10

Instrument :

MSVOA_D

ClientSampleId :

T1-2-E-(0)

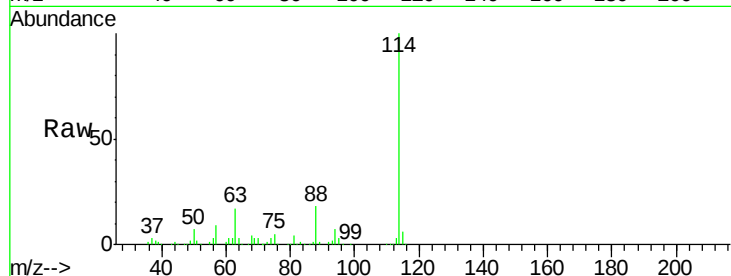
Tot Ion:114 Resp: 1116078

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.2

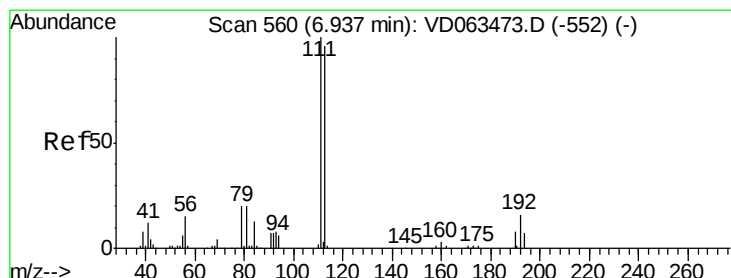
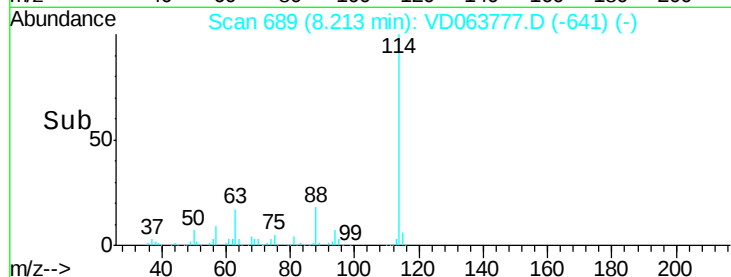
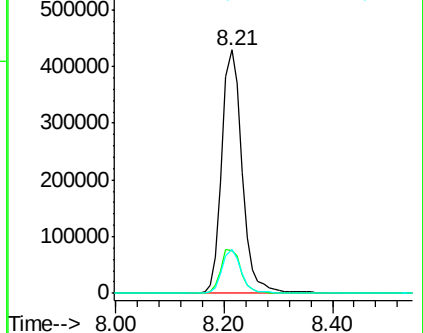
88 18.0 0.0 35.0



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: 70.284 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063777.D

Acq: 23 Aug 2019 20:10

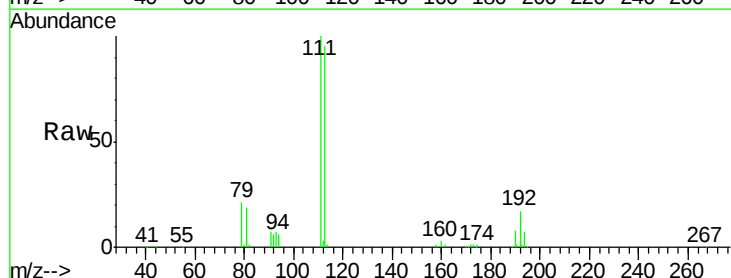
Tgt Ion:113 Resp: 660651

Ion Ratio Lower Upper

113 100

111 105.2 83.1 124.7

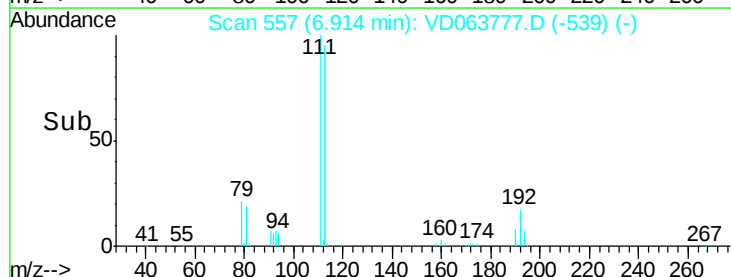
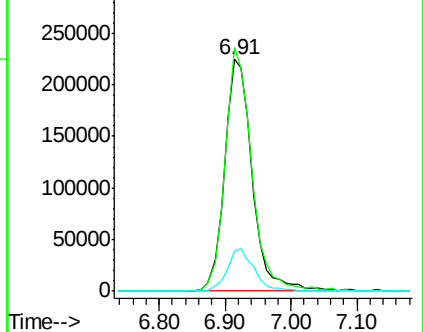
192 17.4 13.1 19.7

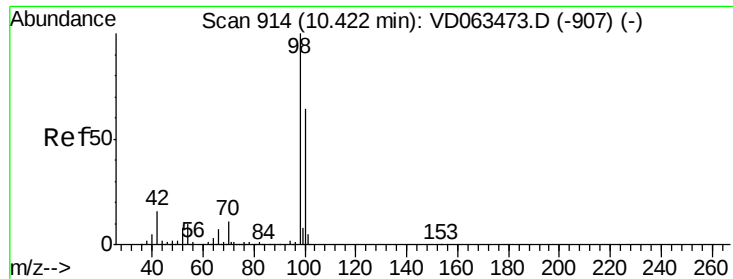


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

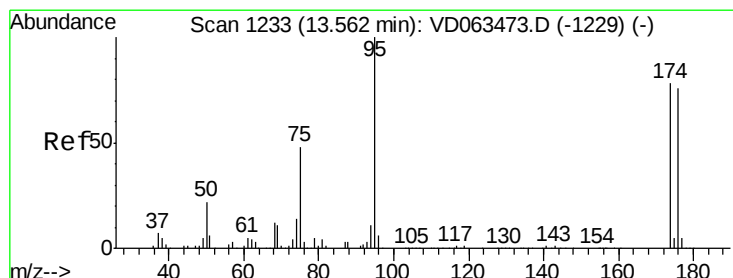
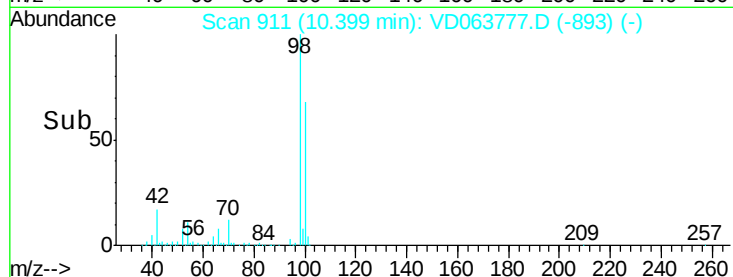
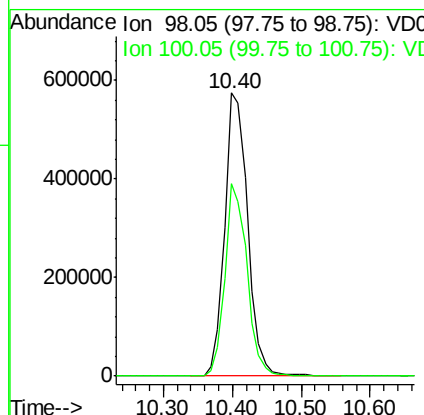
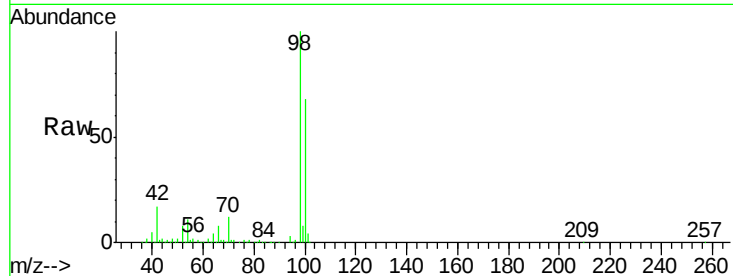




#50
Toluene-d8
Concen: 64.146 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD063777.D
Acq: 23 Aug 2019 20:10

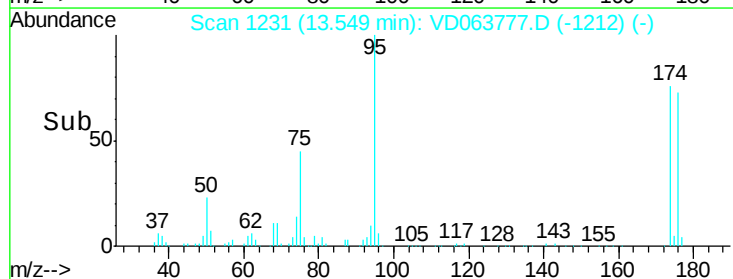
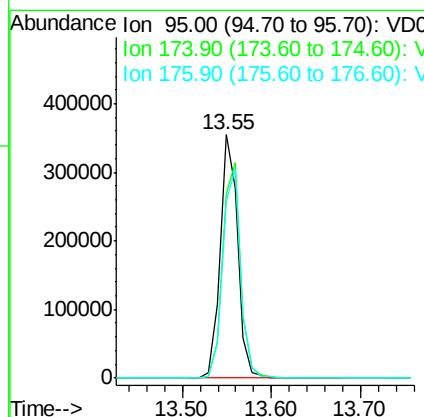
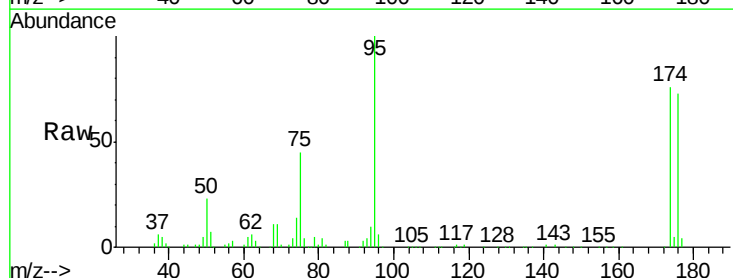
Instrument :
MSVOA_D
ClientSampleId :
T1-2-E-(0)

Tot Ion: 98 Resp: 1325611
Ion Ratio Lower Upper
98 100
100 68.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 51.817 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063777.D
Acq: 23 Aug 2019 20:10

Tgt Ion: 95 Resp: 485347
Ion Ratio Lower Upper
95 100
174 75.8 0.0 155.4
176 72.9 0.0 152.4

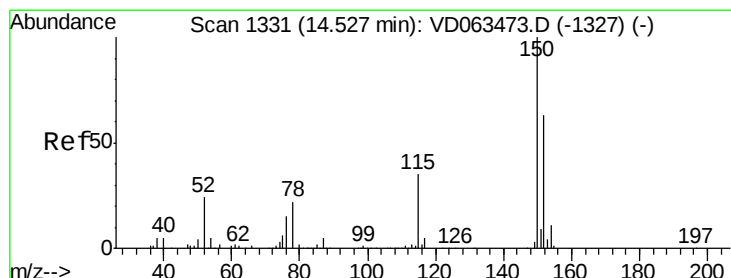
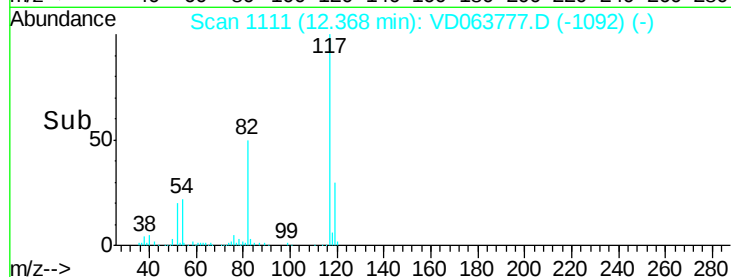
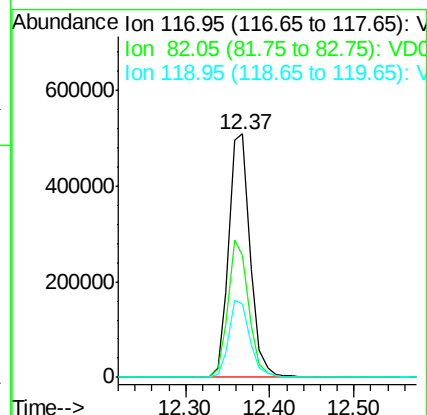
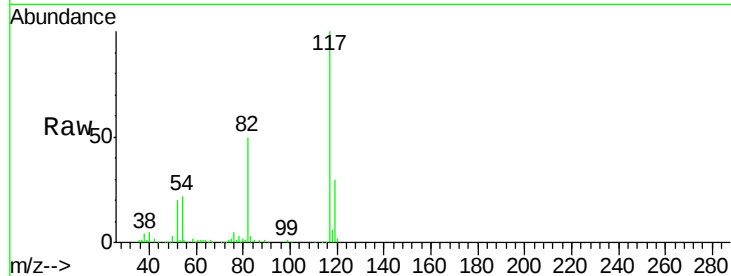




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063777.D
Acq: 23 Aug 2019 20:10

Instrument :
MSVOA_D
ClientSampleId :
T1-2-E(0)

Tot Ion:117 Resp: 901945
Ion Ratio Lower Upper
117 100
82 50.0 42.0 63.0
119 30.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063777.D
Acq: 23 Aug 2019 20:10

Tgt Ion:152 Resp: 414668
Ion Ratio Lower Upper
152 100
115 57.9 30.9 92.7
150 153.4 0.0 318.6

