

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082219\
 Data File : VD063732.D
 Acq On : 22 Aug 2019 14:38
 Operator : JC/SY
 Sample : K4388-18RE
 Misc : 6.11g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E2-(0)RE

Quant Time: Aug 23 07:15:49 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

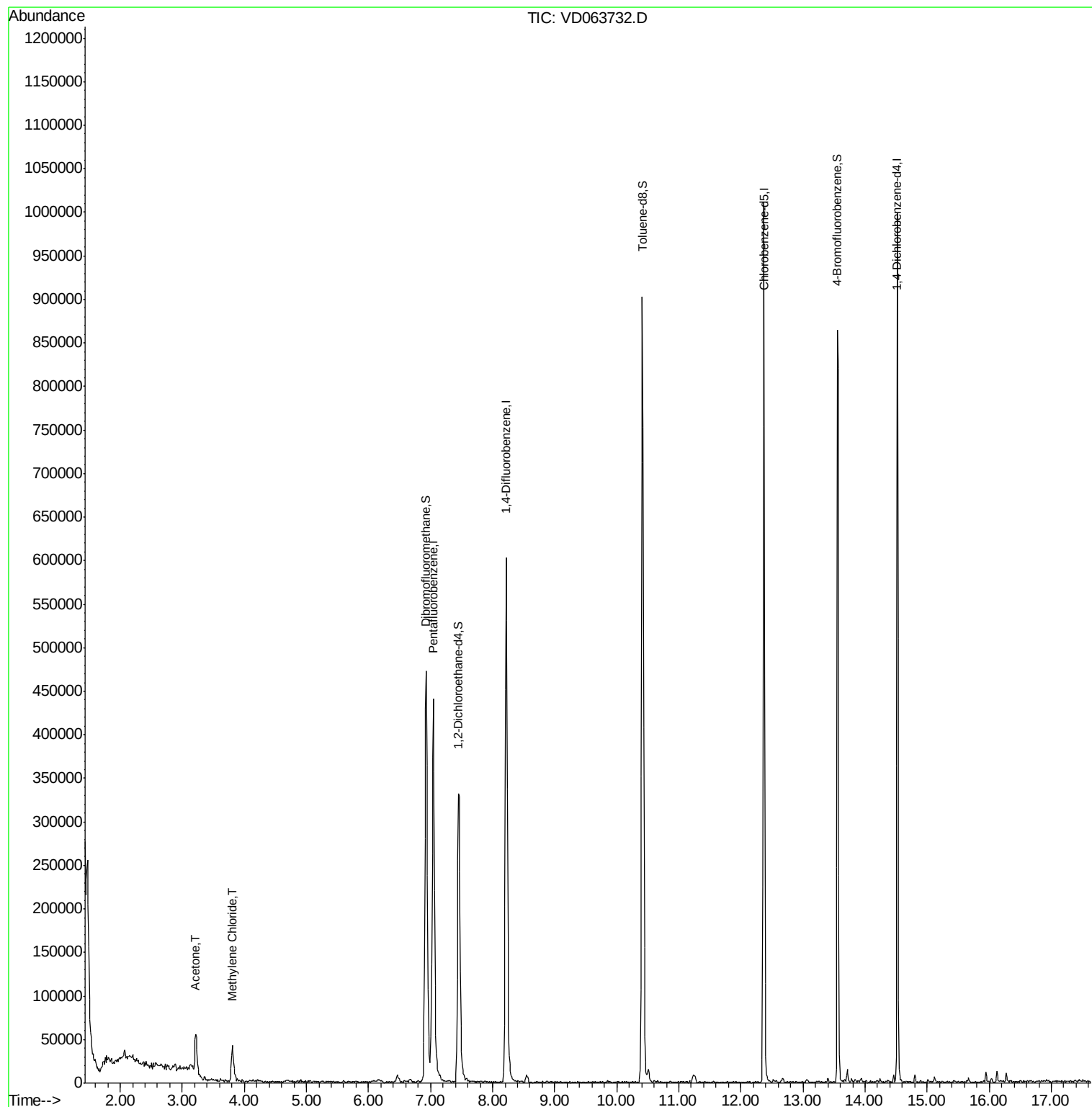
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	420158	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	650255	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	526344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	201221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	393144	87.54	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	175.08%	
35) Dibromofluoromethane	6.93	113	400995	73.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	146.44%	
50) Toluene-d8	10.41	98	762104	63.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.60%	
62) 4-Bromofluorobenzene	13.55	95	257287	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
Target Compounds						
16) Acetone	3.22	43	107526	117.777	ug/l	99
20) Methylene Chloride	3.81	84	24683	6.252	ug/l	88

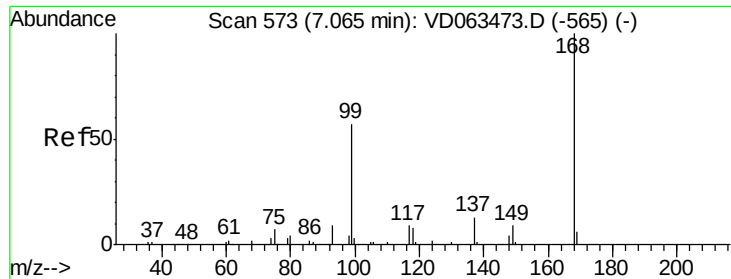
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

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Instrument :

MSVOA_D

ClientSampleId :

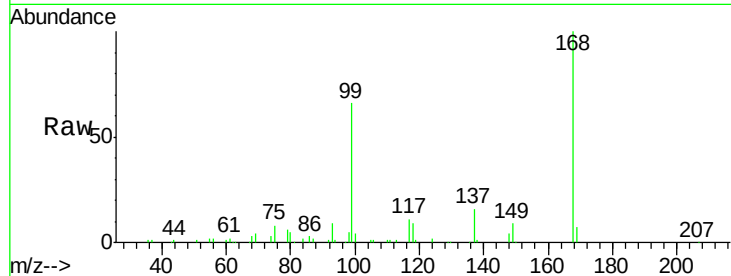
T6-E2-(0)RE

Tot Ion:168 Resp: 420158

Ion Ratio Lower Upper

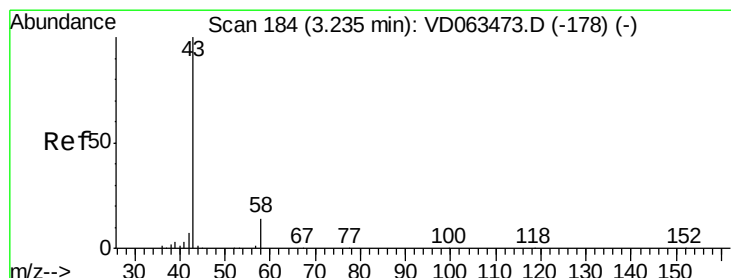
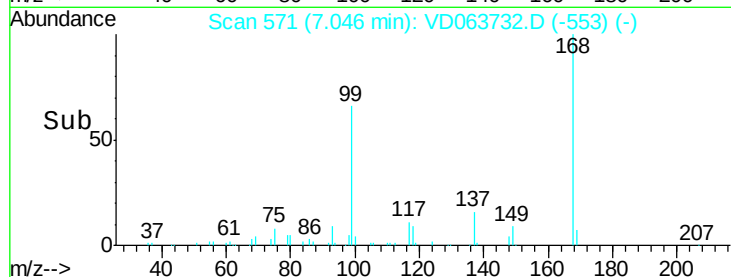
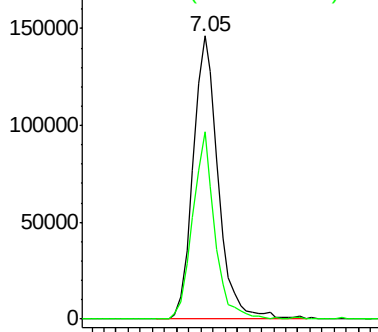
168 100

99 66.4 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: 117.777 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063732.D

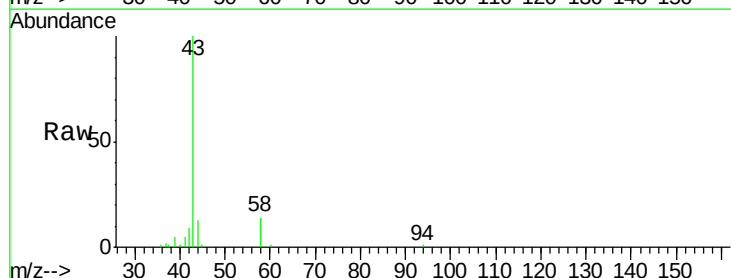
Acq: 22 Aug 2019 14:38

Tgt Ion: 43 Resp: 107526

Ion Ratio Lower Upper

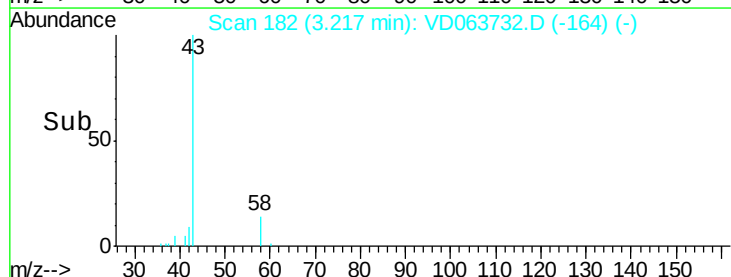
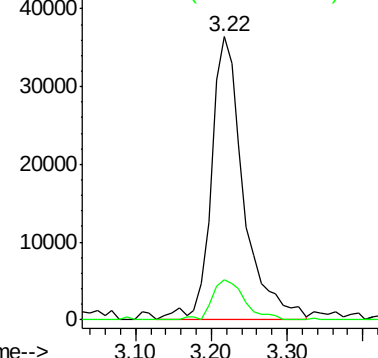
43 100

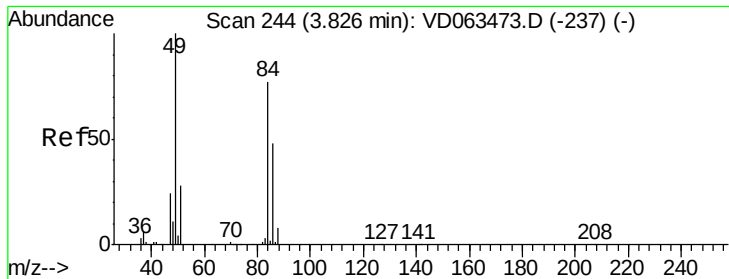
58 14.0 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

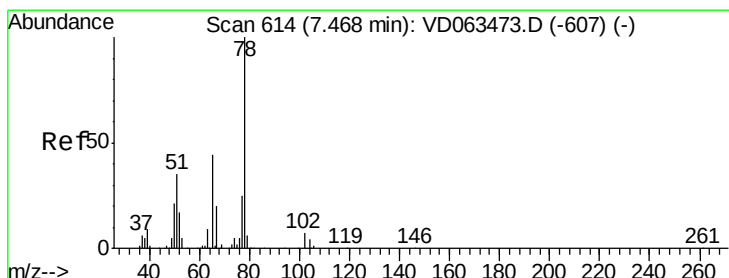
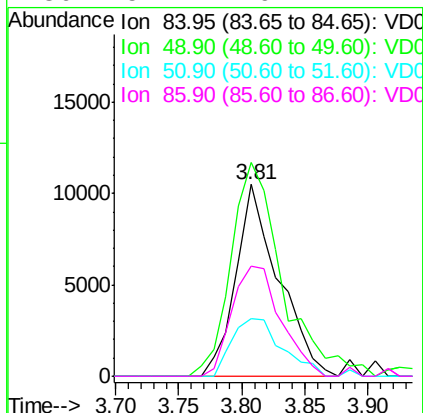
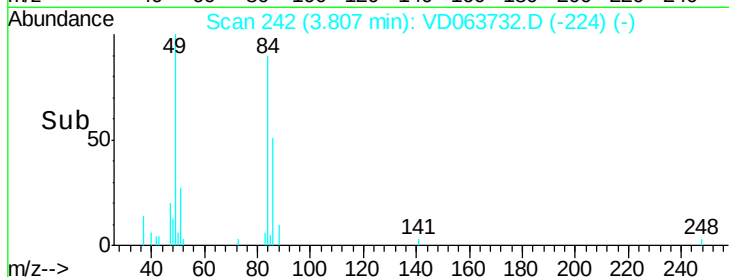
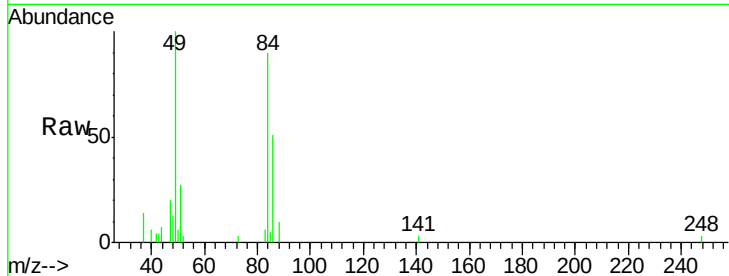




#20
Methylene Chloride
Concen: 6.252 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063732.D
Acq: 22 Aug 2019 14:38

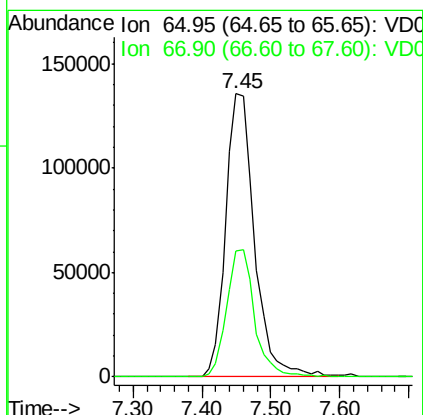
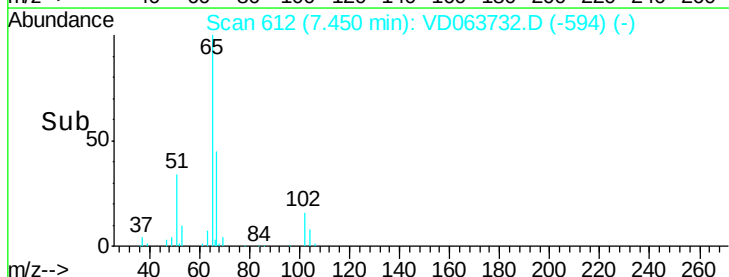
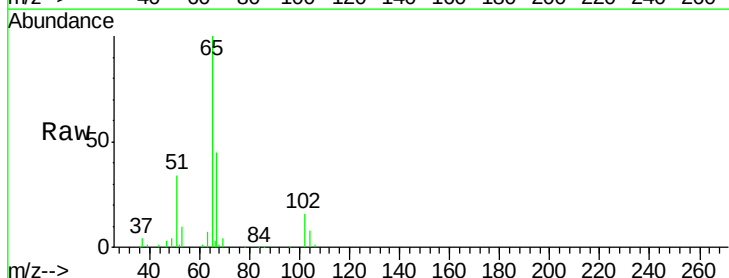
Instrument :
MSVOA_D
ClientSampleId :
T6-E2-(0)RE

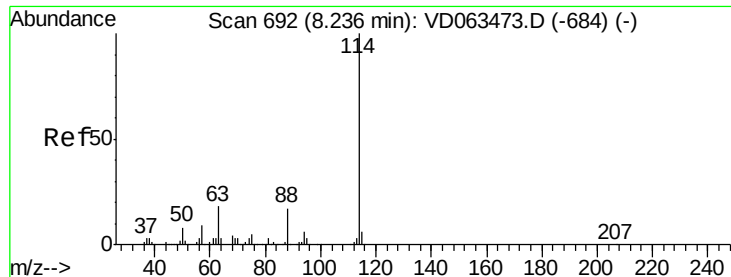
Tot Ion:	84	Resp:	24683
Ion	Ratio	Lower	Upper
84	100		
49	111.4	103.4	155.2
51	30.4	28.5	42.7
86	57.1	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: 87.537 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD063732.D
Acq: 22 Aug 2019 14:38

Tgt Ion:	65	Resp:	393144
Ion	Ratio	Lower	Upper
65	100		
67	44.6	0.0	89.2

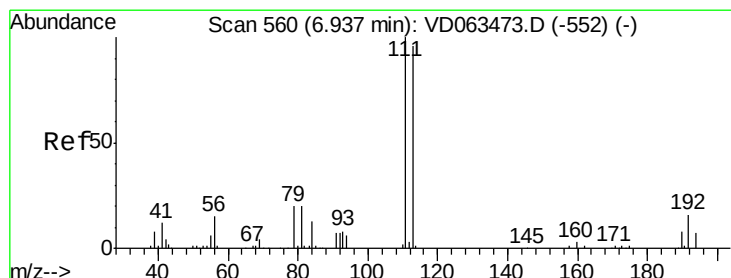
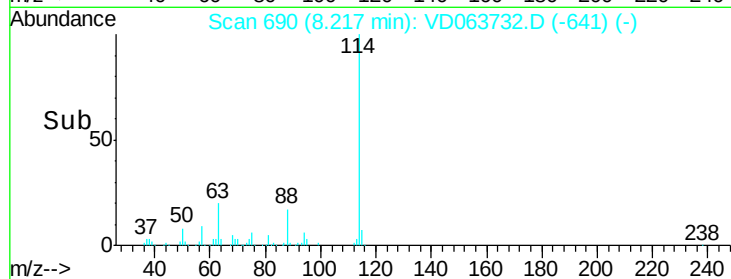
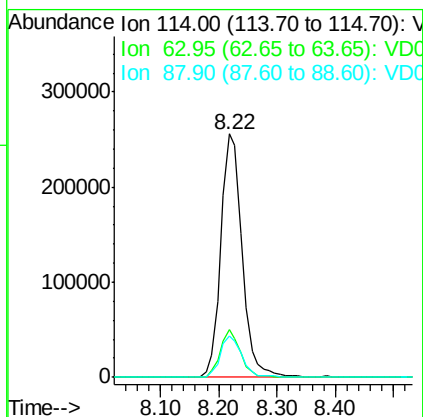
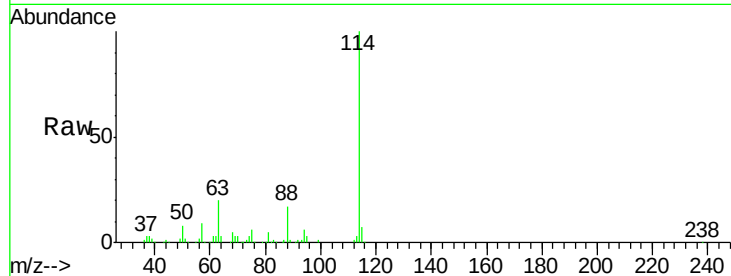




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: VD063732.D
 Acq: 22 Aug 2019 14:38

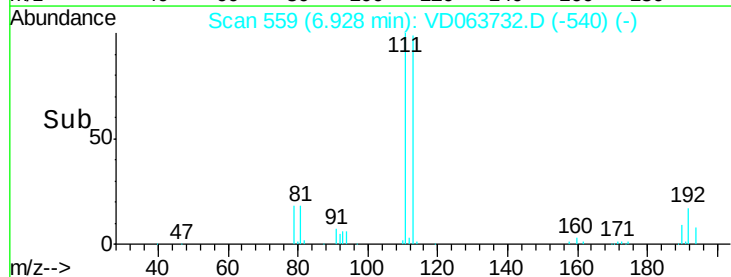
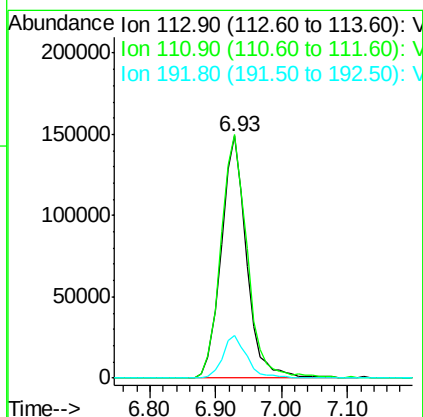
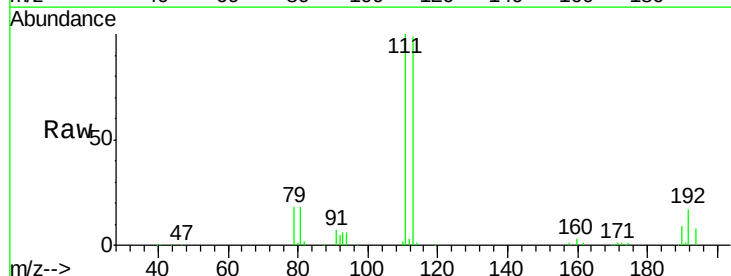
Instrument :
 MSVOA_D
 ClientSampleId :
 T6-E2-(0)RE

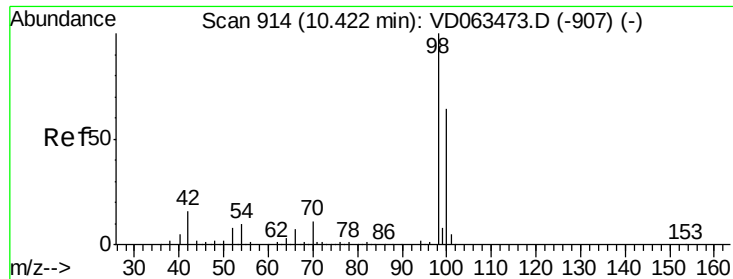
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	36.2
88	16.8	0.0	35.0



#35
 Dibromofluoromethane
 Concen: 73.221 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: VD063732.D
 Acq: 22 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.6	83.1	124.7
192	17.4	13.1	19.7

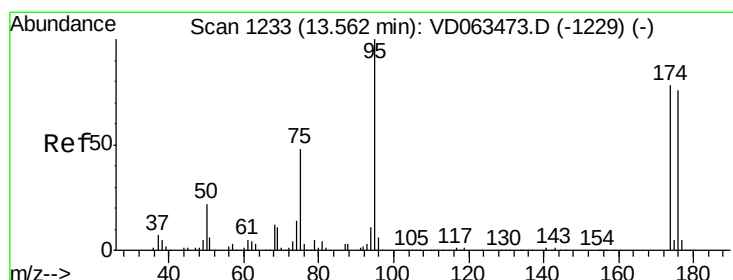
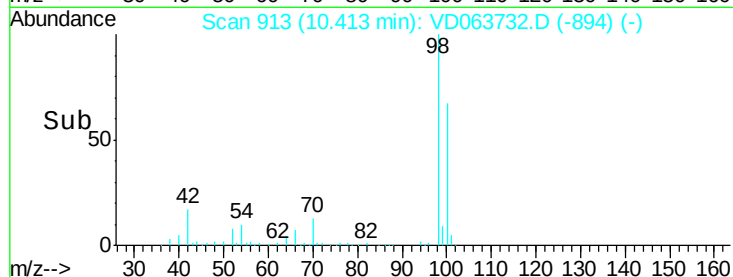
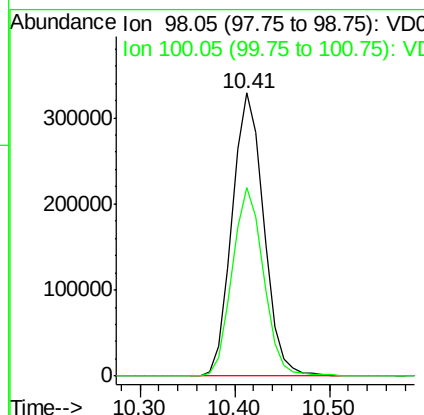
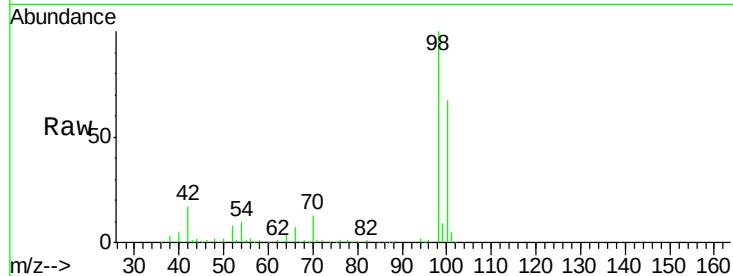




#50
Toluene-d8
Concen: 63.296 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063732.D
Acq: 22 Aug 2019 14:38

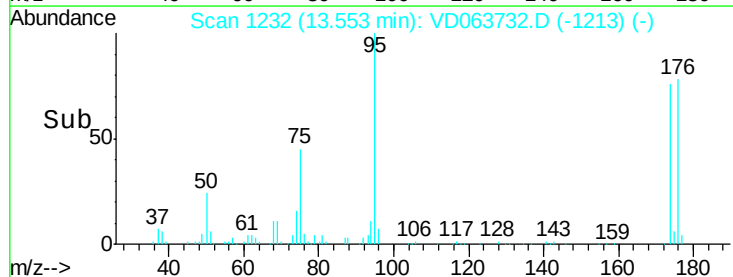
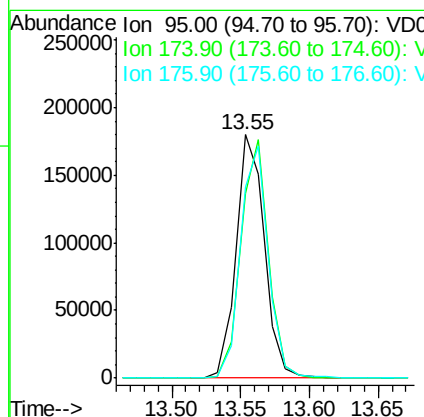
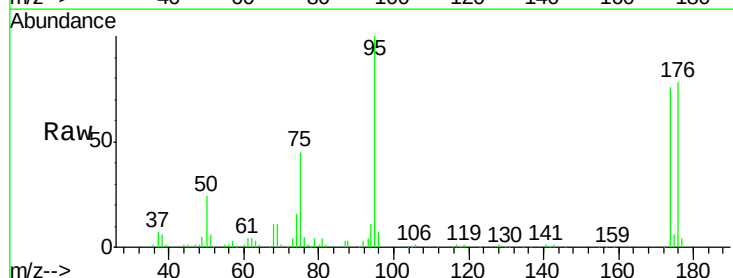
Instrument :
MSVOA_D
ClientSampleId :
T6-E2-(0)RE

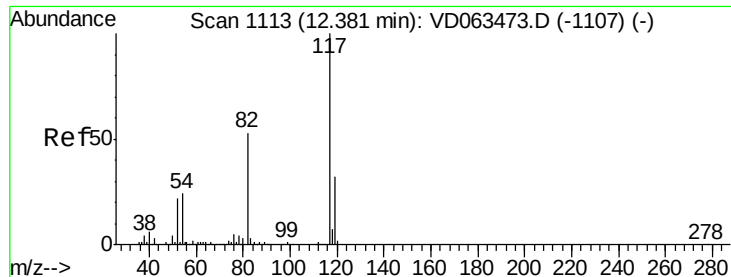
Tot Ion: 98 Resp: 762104
Ion Ratio Lower Upper
98 100
100 66.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 47.146 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063732.D
Acq: 22 Aug 2019 14:38

Tgt Ion: 95 Resp: 257287
Ion Ratio Lower Upper
95 100
174 75.7 0.0 155.4
176 78.5 0.0 152.4

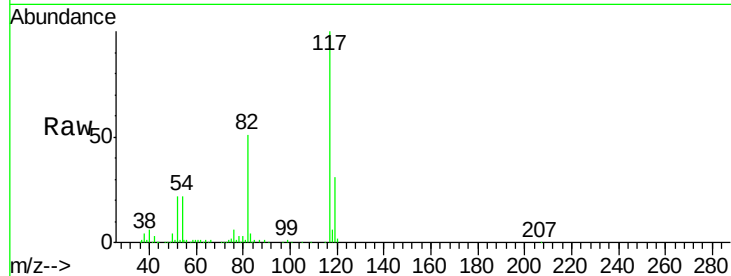




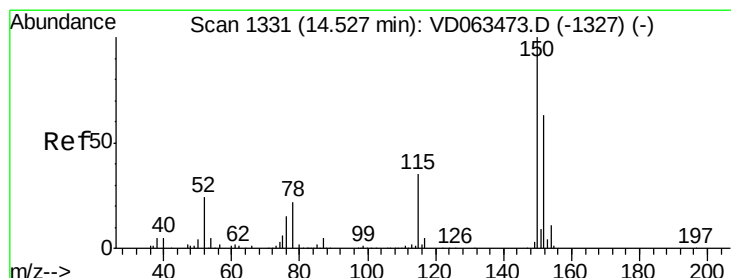
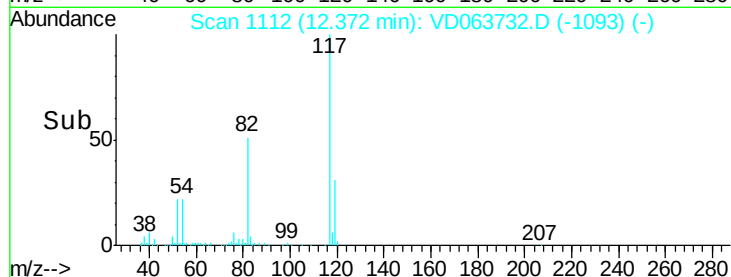
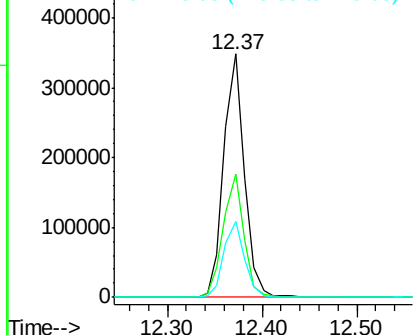
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063732.D
Acq: 22 Aug 2019 14:38

Instrument :
MSVOA_D
ClientSampleId :
T6-E2-(0)RE

Tot Ion:117 Resp: 526344
Ion Ratio Lower Upper
117 100
82 50.9 42.0 63.0
119 31.4 25.4 38.0

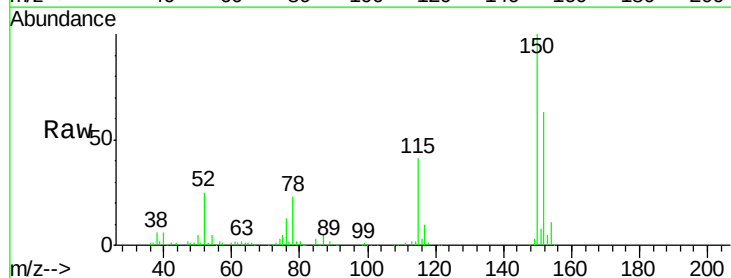


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063732.D
Acq: 22 Aug 2019 14:38

Tgt Ion:152 Resp: 201221
Ion Ratio Lower Upper
152 100
115 64.1 30.9 92.7
150 157.5 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

