

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082119\
 Data File : VD063719.D
 Acq On : 21 Aug 2019 18:04
 Operator : JC/SY
 Sample : K4404-03
 Misc : 6.64g/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T1-L-(0)

Quant Time: Aug 22 02:03:42 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

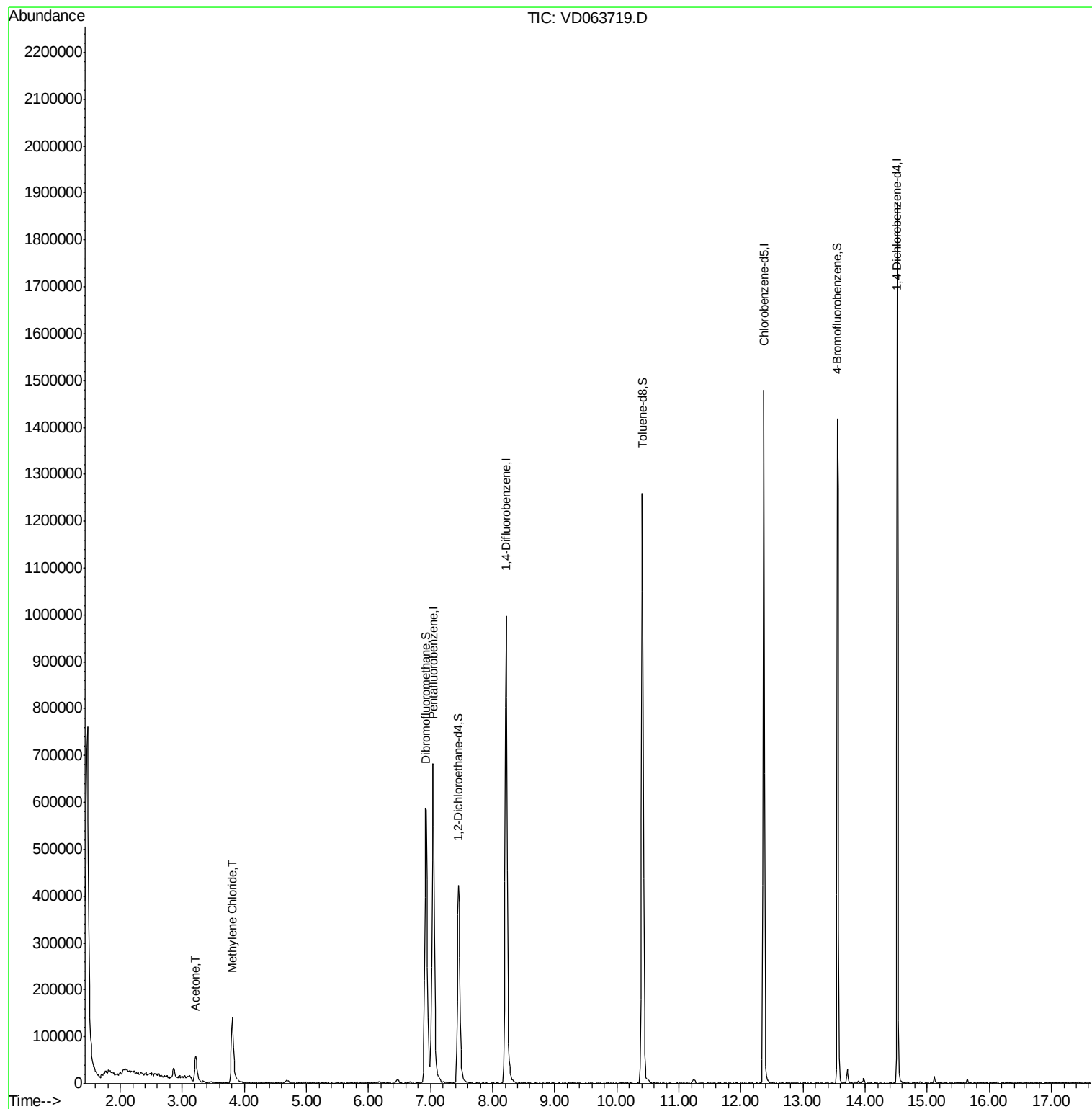
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	691568	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1062700	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	809076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	369474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	503168	68.07	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	136.14%	
35) Dibromofluoromethane	6.92	113	530637	59.29	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	118.58%	
50) Toluene-d8	10.41	98	1012957	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	13.55	95	408958	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
Target Compounds						
16) Acetone	3.22	43	111457	74.170	ug/l	94
20) Methylene Chloride	3.81	84	89441	13.765	ug/l #	95

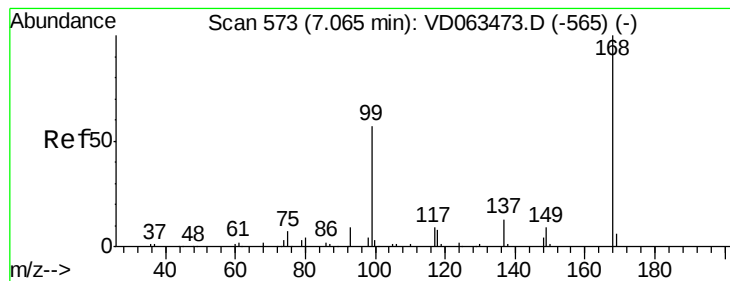
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063719.D

Acq: 21 Aug 2019 18:04

Instrument :

MSVOA_D

ClientSampleId :

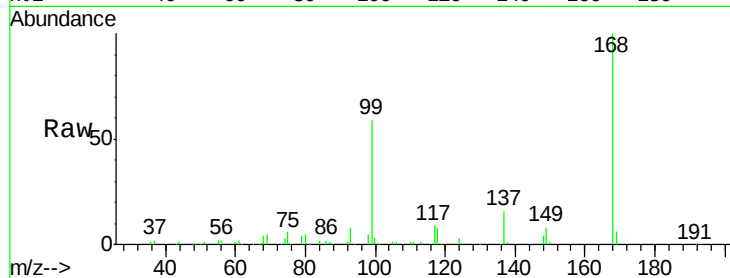
T1-L-(0)

Tot Ion:168 Resp: 691568

Ion Ratio Lower Upper

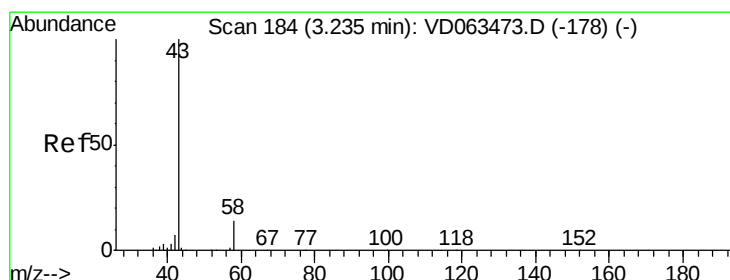
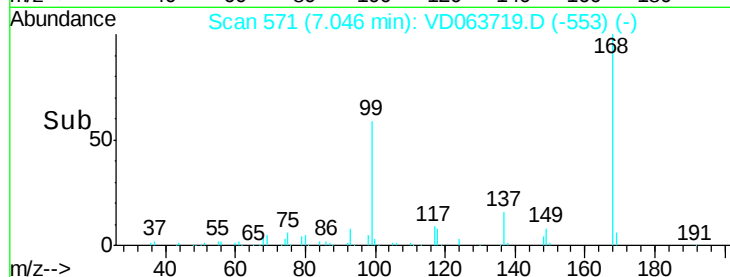
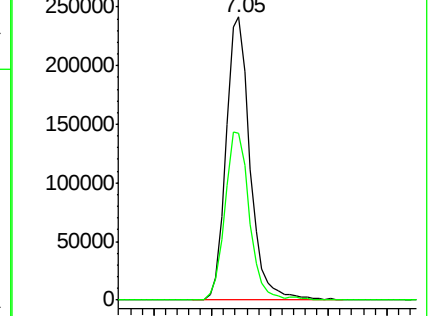
168 100

99 58.9 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: 74.170 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063719.D

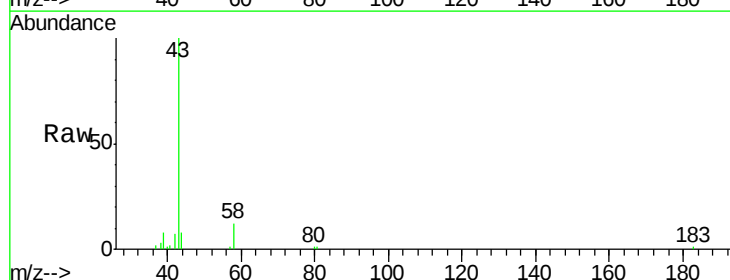
Acq: 21 Aug 2019 18:04

Tgt Ion: 43 Resp: 111457

Ion Ratio Lower Upper

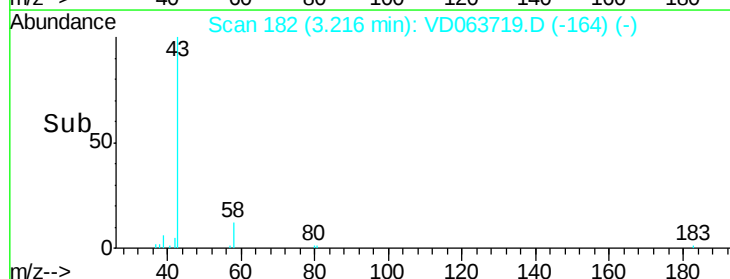
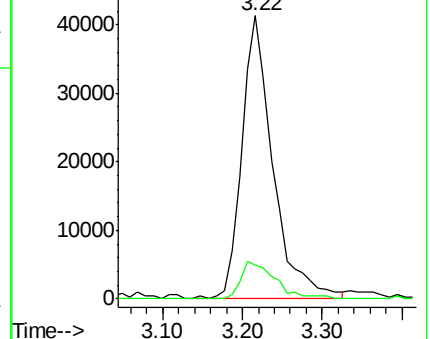
43 100

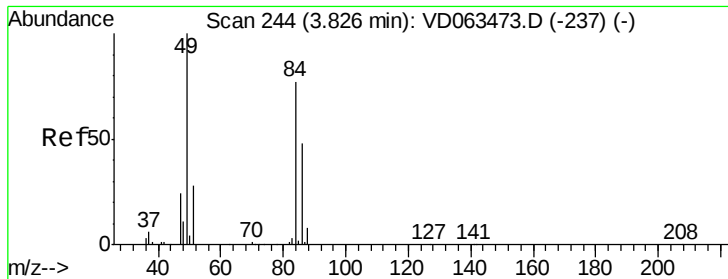
58 11.9 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

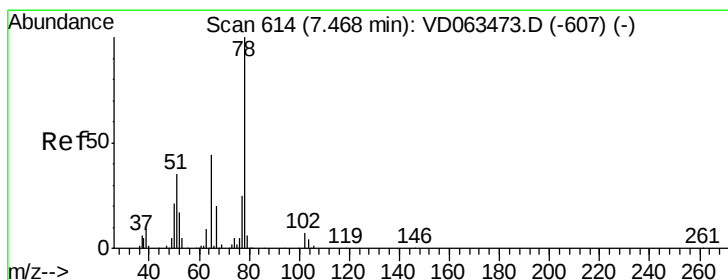
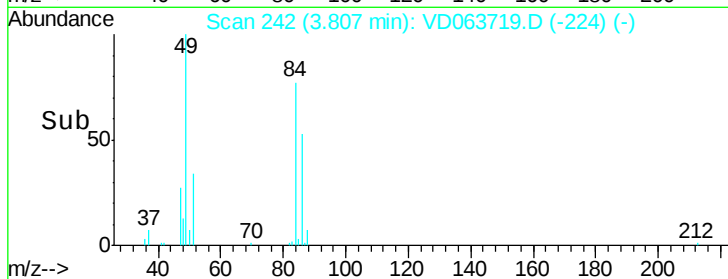
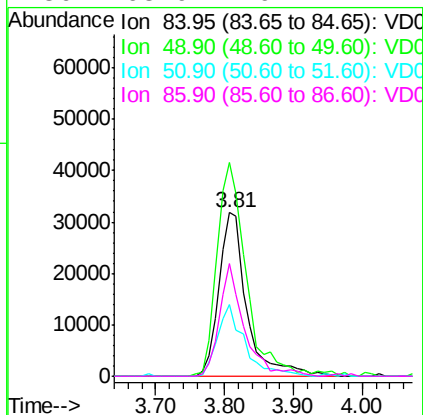
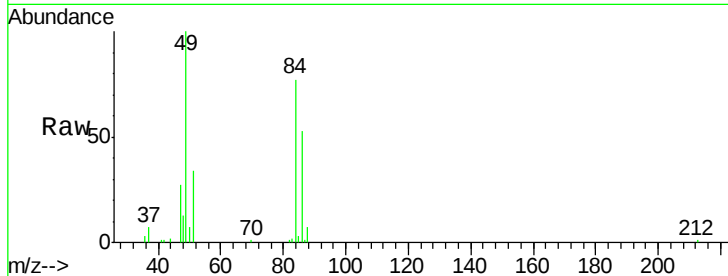




#20
Methylene Chloride
Concen: 13.765 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063719.D
Acq: 21 Aug 2019 18:04

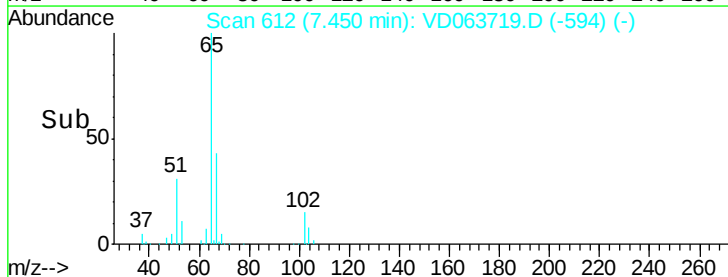
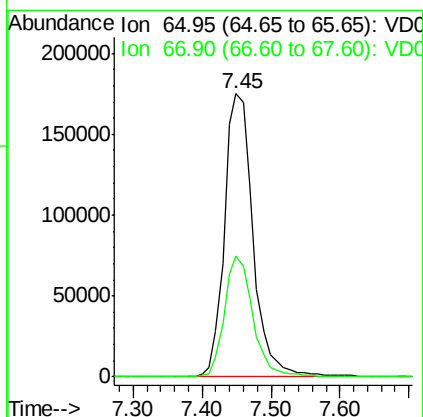
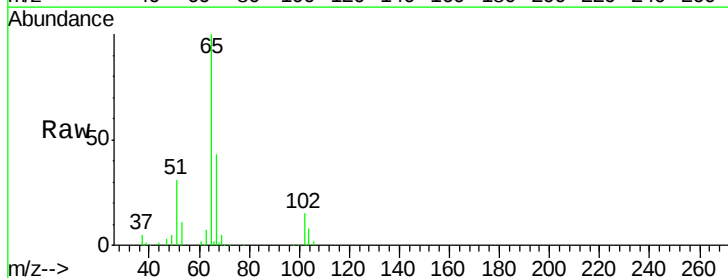
Instrument :
MSVOA_D
ClientSampleId :
T1-L-(0)

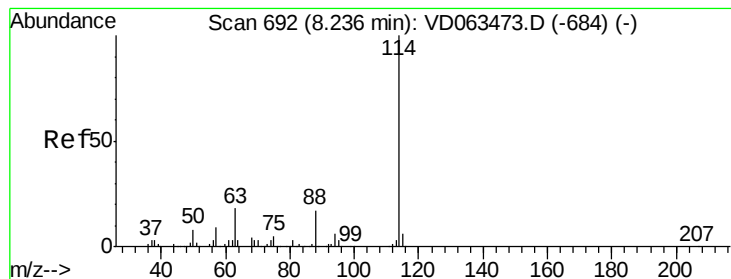
Tot Ion	84	Resp	89441
Ion Ratio	Lower	Upper	
84	100		
49	130.4	103.4	155.2
51	43.8	28.5	42.7
86	68.9	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: 68.066 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD063719.D
Acq: 21 Aug 2019 18:04

Tgt Ion	65	Resp	503168
Ion Ratio	Lower	Upper	
65	100		
67	42.7	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: VD063719.D

Acq: 21 Aug 2019 18:04

Instrument :

MSVOA_D

ClientSampled :

T1-L-(0)

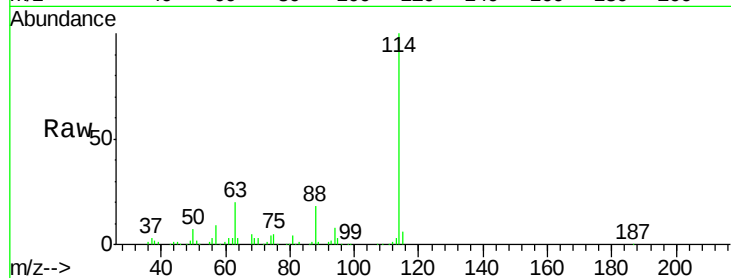
Tot Ion:114 Resp: 1062700

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.2

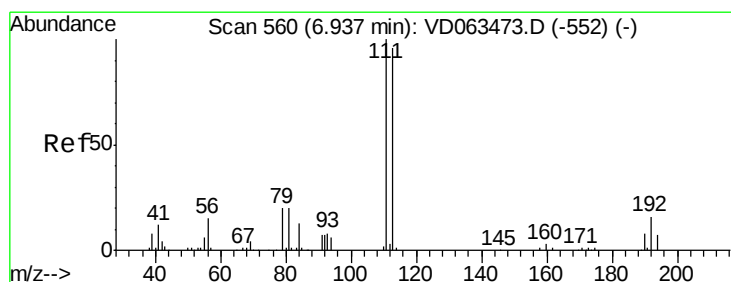
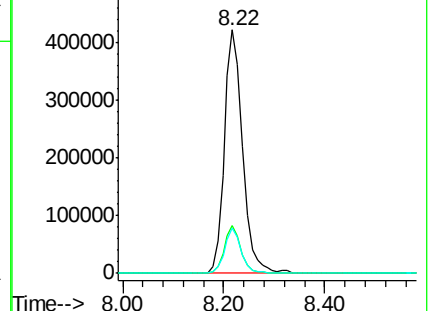
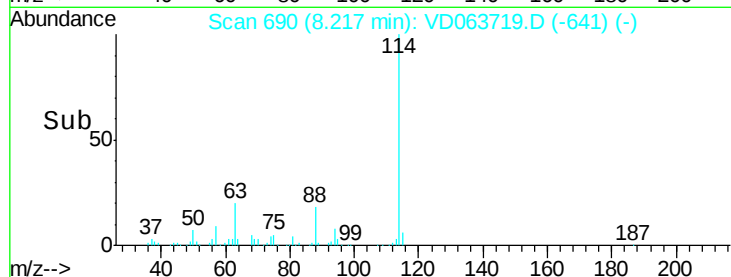
88 18.4 0.0 35.0



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



#35

Dibromofluoromethane

Concen: 59.288 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063719.D

Acq: 21 Aug 2019 18:04

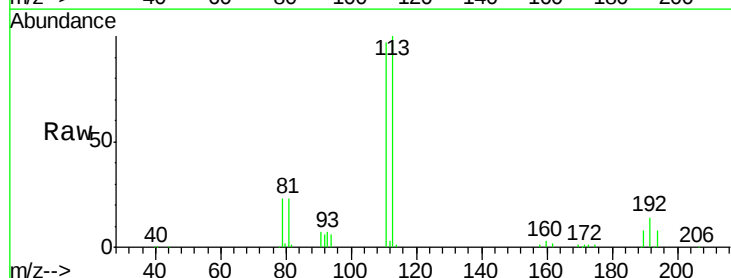
Tgt Ion:113 Resp: 530637

Ion Ratio Lower Upper

113 100

111 97.1 83.1 124.7

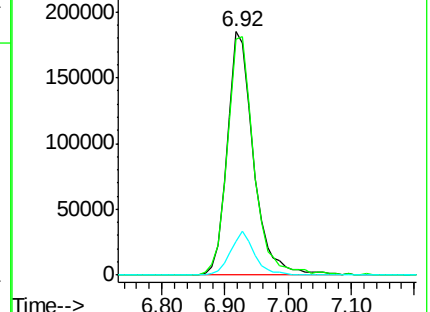
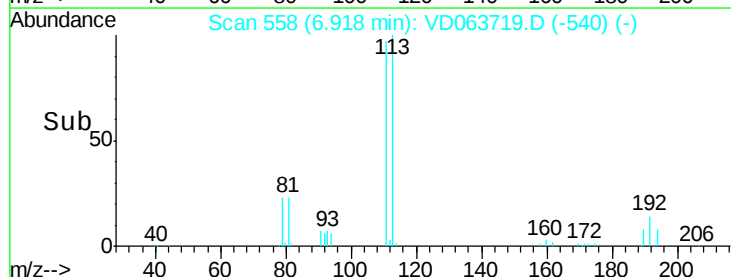
192 13.8 13.1 19.7

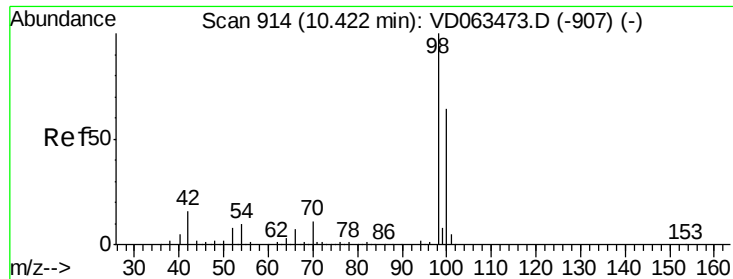


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

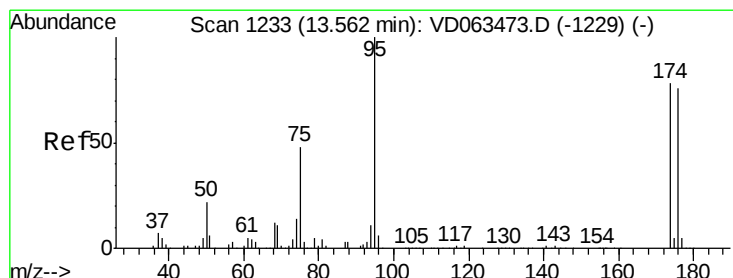
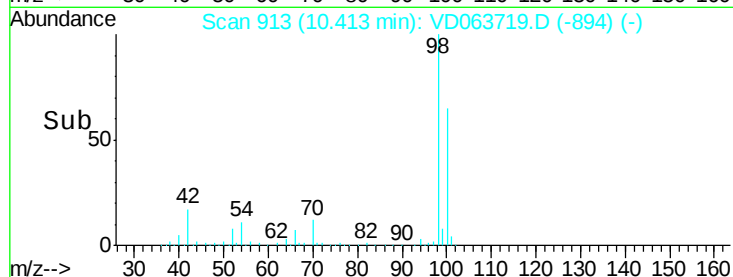
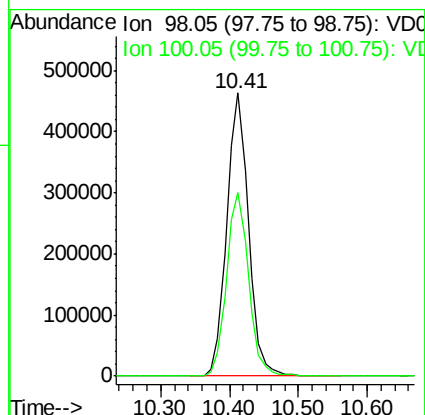
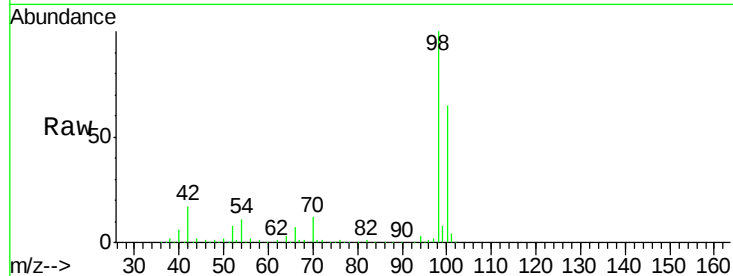




#50
Toluene-d8
Concen: 51.479 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063719.D
Acq: 21 Aug 2019 18:04

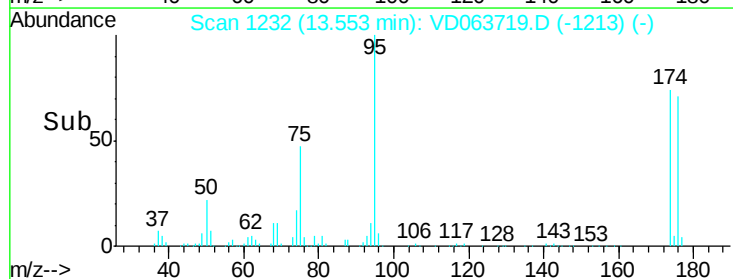
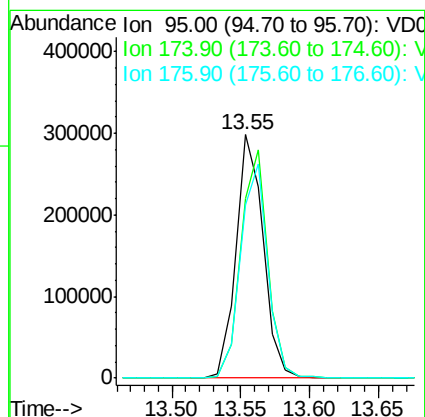
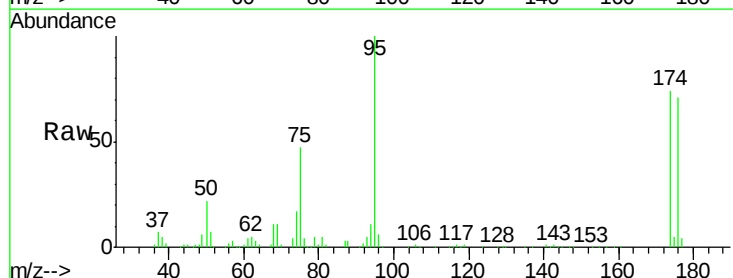
Instrument :
MSVOA_D
ClientSampled :
T1-L-(0)

Tot Ion: 98 Resp: 1012957
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.855 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063719.D
Acq: 21 Aug 2019 18:04

Tgt Ion: 95 Resp: 408958
Ion Ratio Lower Upper
95 100
174 73.8 0.0 155.4
176 71.3 0.0 152.4

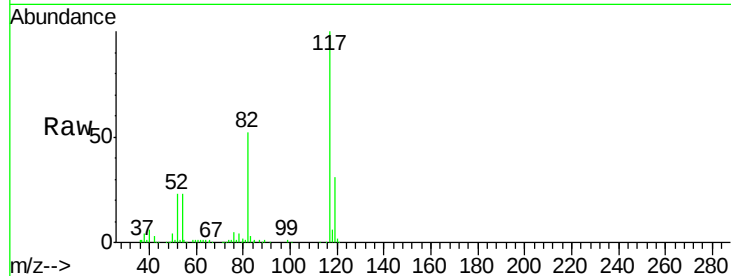




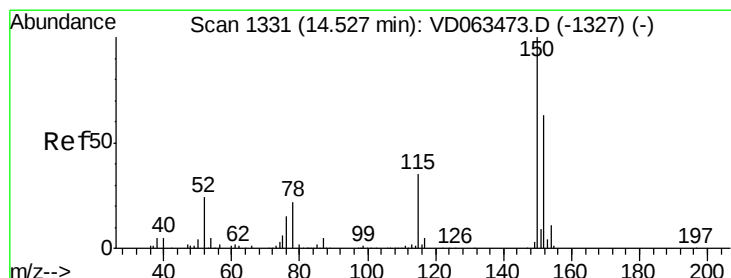
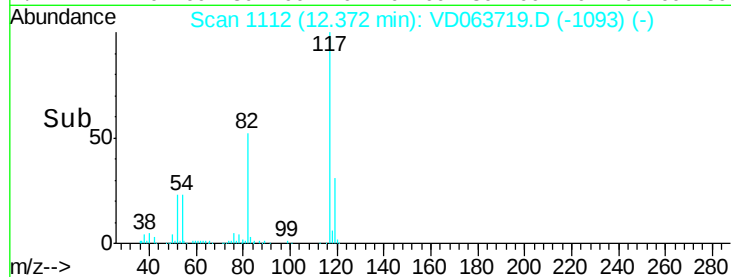
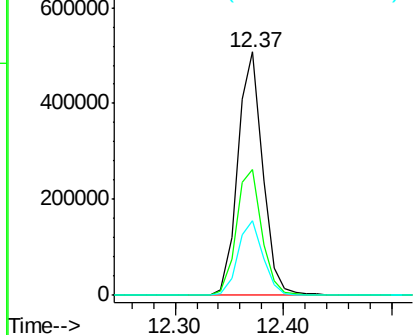
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063719.D
Acq: 21 Aug 2019 18:04

Instrument :
MSVOA_D
ClientSampleId :
T1-L-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.0	63.0
119	30.7	25.4	38.0

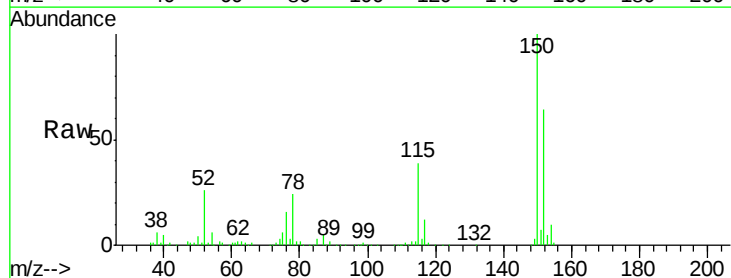


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063719.D
Acq: 21 Aug 2019 18:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.9	92.7
150	156.9	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

