

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071019\
 Data File : VD063064.D
 Acq On : 10 Jul 2019 18:05
 Operator : VA/AP
 Sample : K3726-06
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-1_070919

Quant Time: Jul 11 07:42:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	776080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1148711	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	959388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	514636	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	394440	46.76	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	93.52%	
35) Dibromofluoromethane	6.91	113	429130	44.30	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	88.60%	
50) Toluene-d8	10.41	98	802144	38.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.10%	
62) 4-Bromofluorobenzene	13.55	95	379159	39.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.10%	

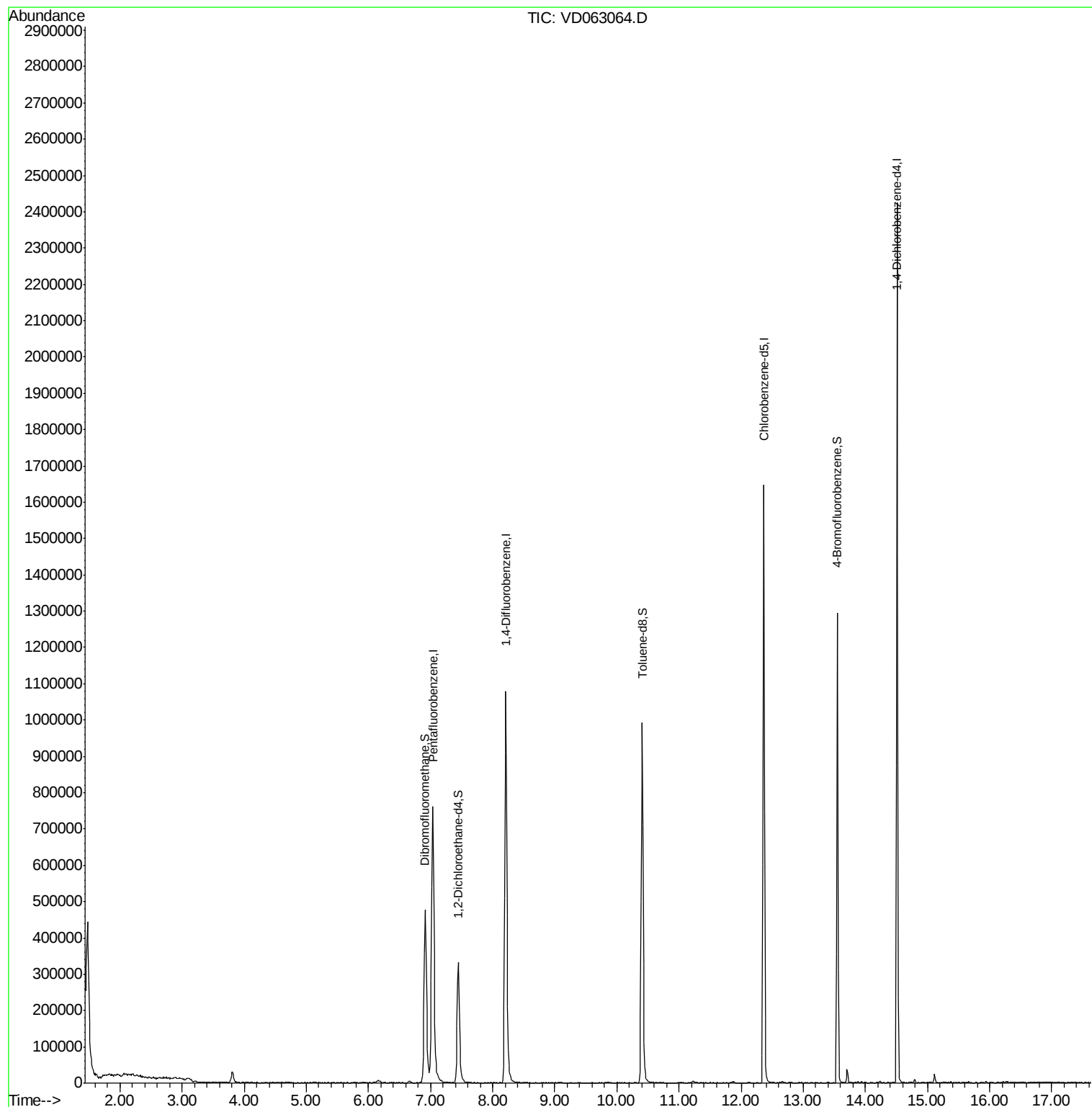
Target Compounds	Qvalue

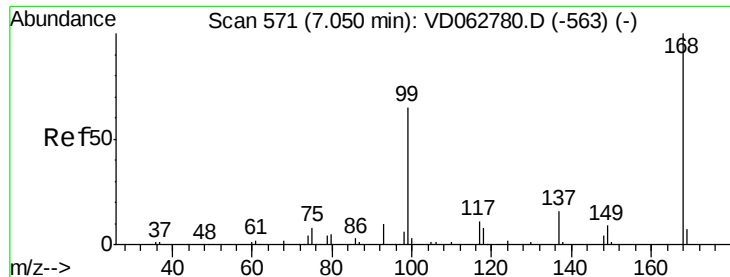
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD063064.D

Acq: 10 Jul 2019 18:05

Instrument :

MSVOA_D

ClientSampleId :

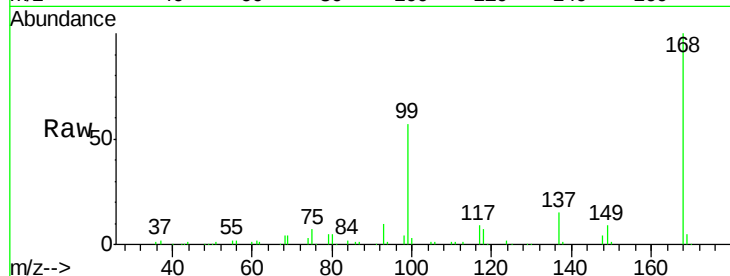
COMP-1_070919

Tot Ion:168 Resp: 776080

Ion Ratio Lower Upper

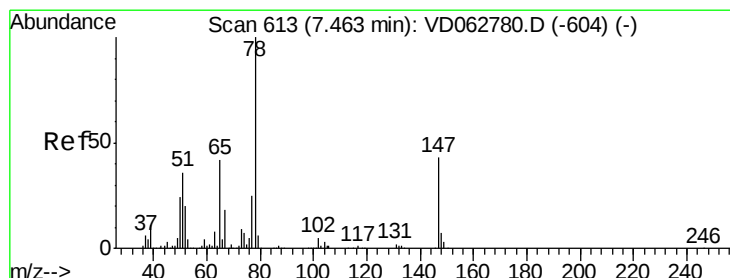
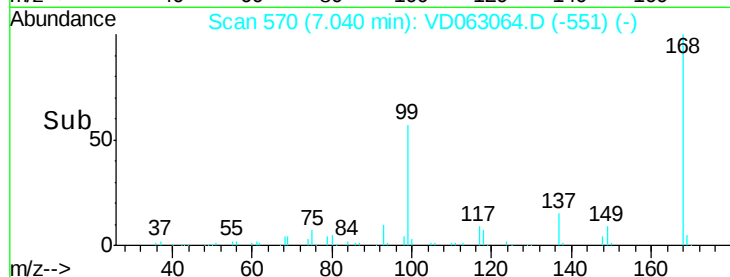
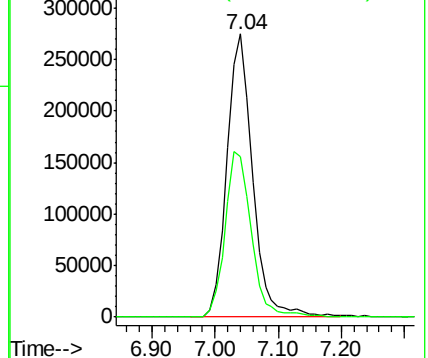
168 100

99 56.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 46.757 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD063064.D

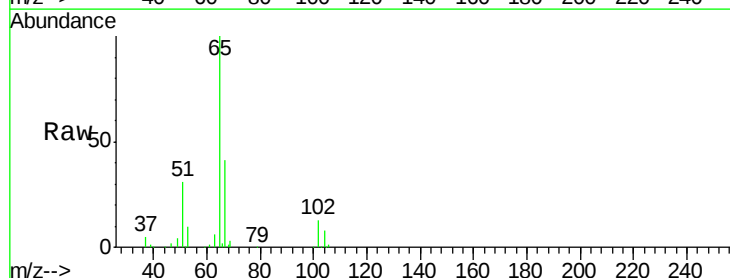
Acq: 10 Jul 2019 18:05

Tgt Ion: 65 Resp: 394440

Ion Ratio Lower Upper

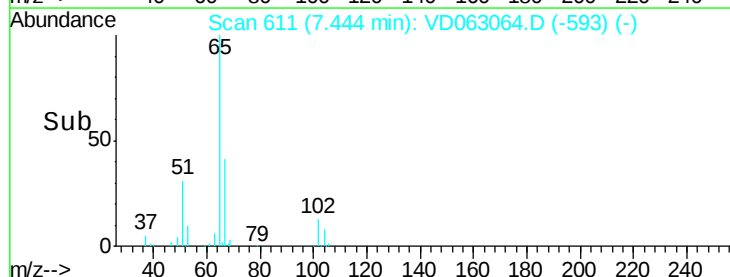
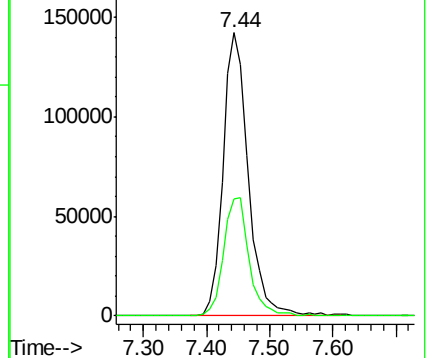
65 100

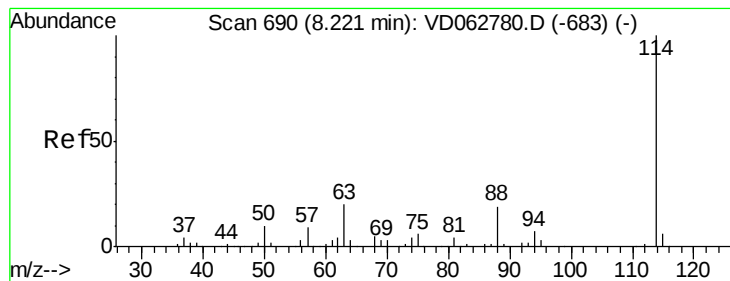
67 41.2 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD063064.D

Acq: 10 Jul 2019 18:05

Instrument :

MSVOA_D

ClientSampleId :

COMP-1_070919

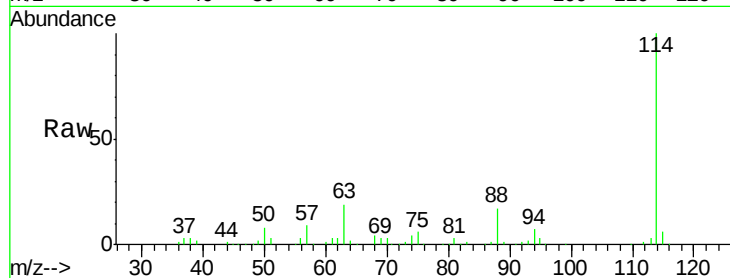
Tot Ion:114 Resp: 1148711

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

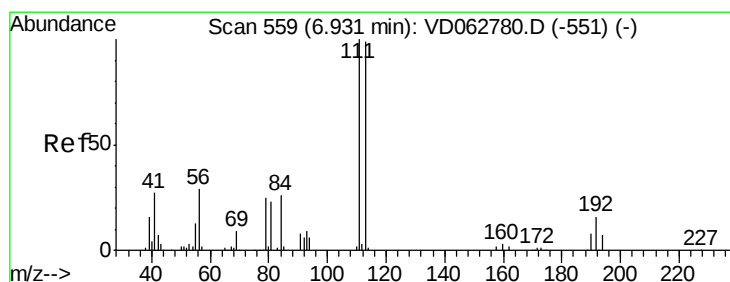
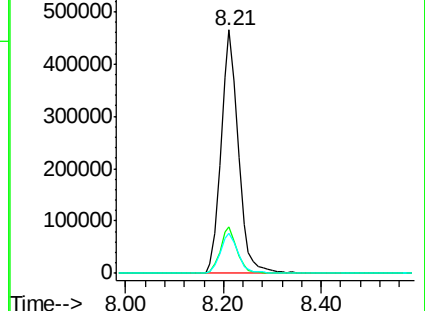
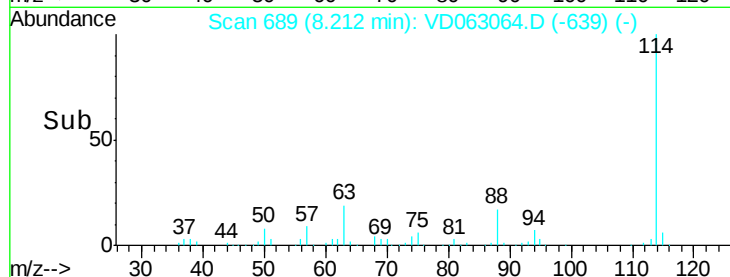
88 16.5 0.0 38.8



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: 44.305 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063064.D

Acq: 10 Jul 2019 18:05

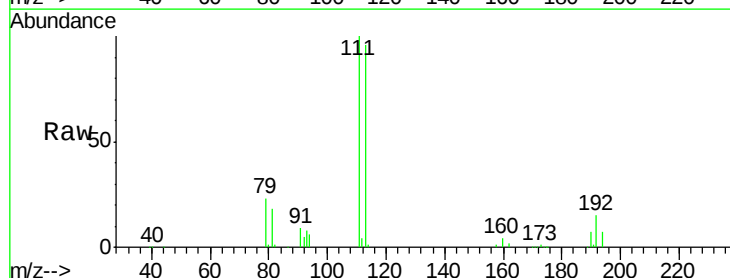
Tgt Ion:113 Resp: 429130

Ion Ratio Lower Upper

113 100

111 104.0 81.2 121.8

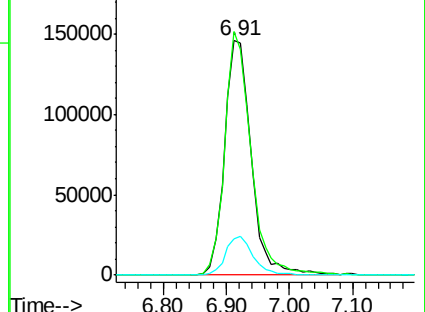
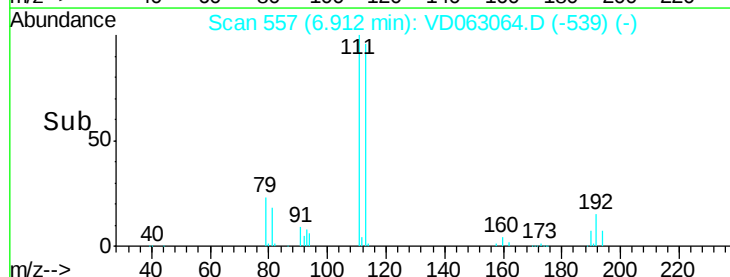
192 15.6 12.9 19.3



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

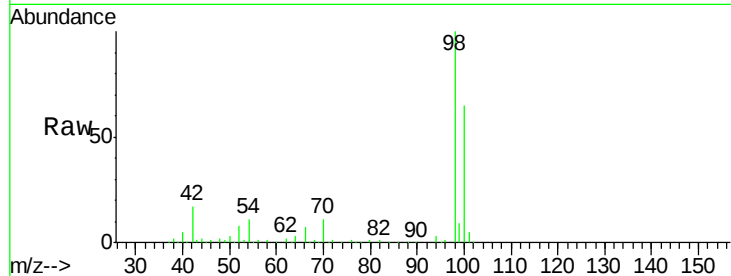




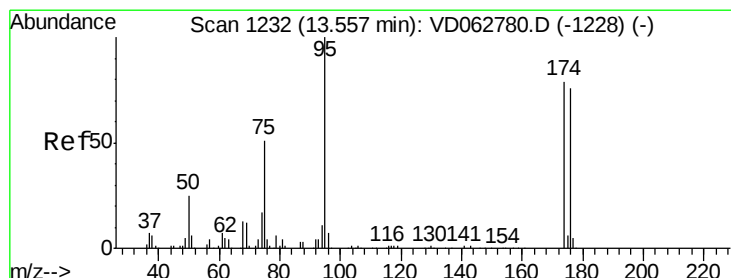
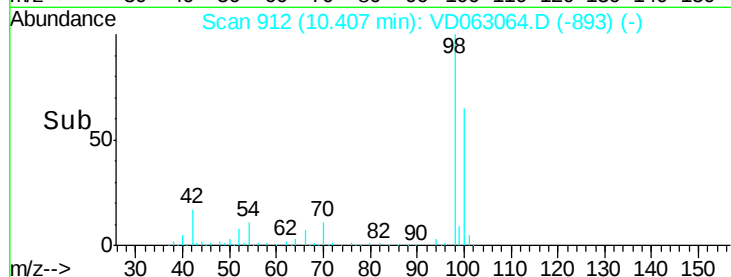
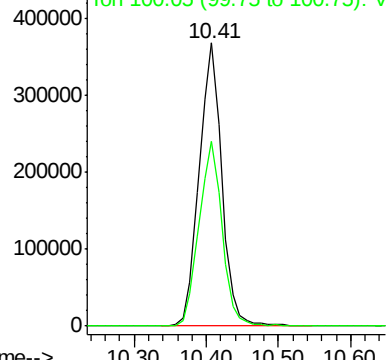
#50
Toluene-d8
Concen: 38.051 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063064.D
Acq: 10 Jul 2019 18:05

Instrument :
MSVOA_D
ClientSampleId :
COMP-1_070919

Tot Ion: 98 Resp: 802144
Ion Ratio Lower Upper
98 100
100 65.3 54.7 82.1

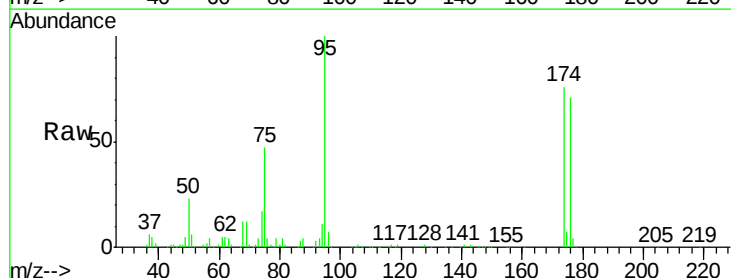


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

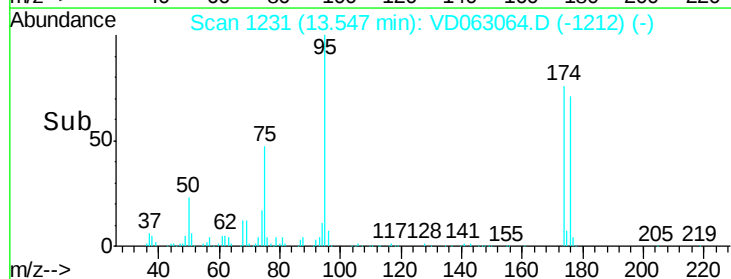
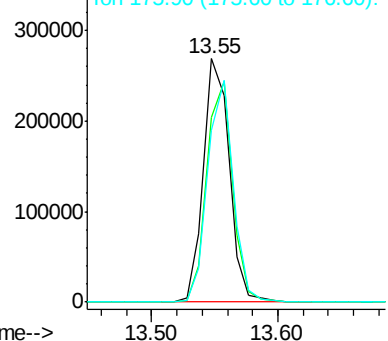


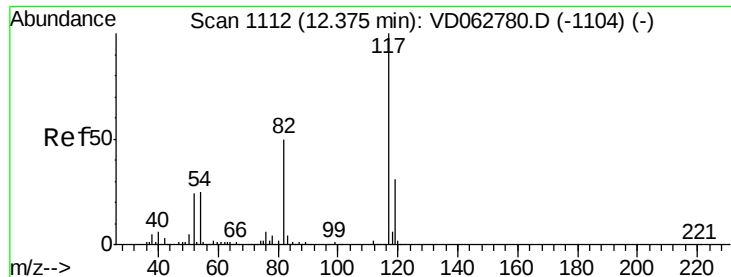
#62
4-Bromofluorobenzene
Concen: 39.555 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063064.D
Acq: 10 Jul 2019 18:05

Tgt Ion: 95 Resp: 379159
Ion Ratio Lower Upper
95 100
174 75.7 0.0 158.0
176 70.7 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

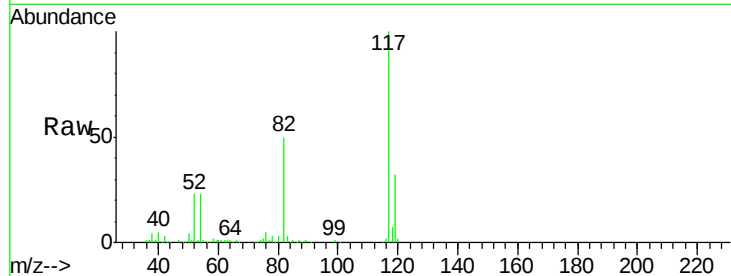




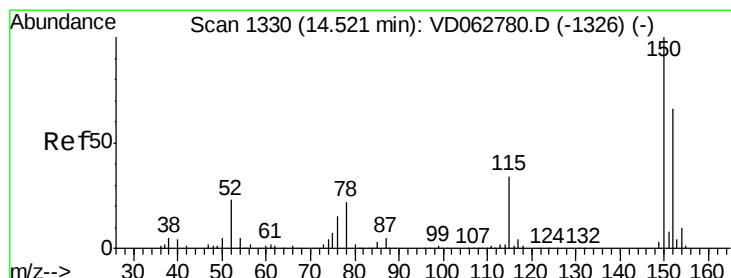
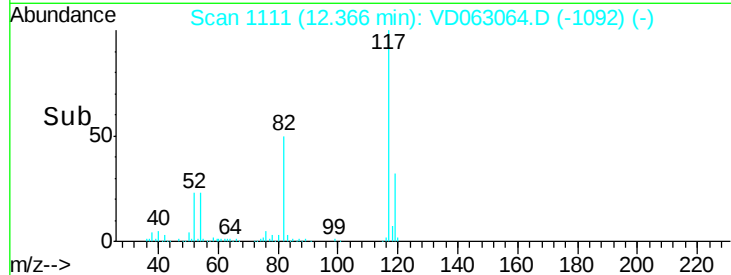
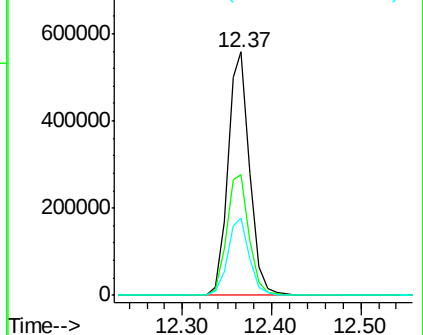
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063064.D
Acq: 10 Jul 2019 18:05

Instrument :
MSVOA_D
ClientSampleId :
COMP-1_070919

Tot Ion:117 Resp: 959388
Ion Ratio Lower Upper
117 100
82 49.8 40.4 60.6
119 31.8 25.2 37.8

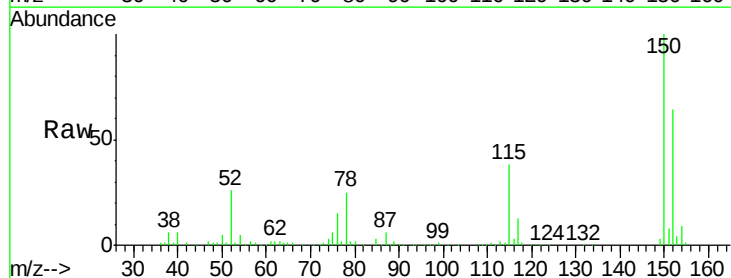


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063064.D
Acq: 10 Jul 2019 18:05

Tgt Ion:152 Resp: 514636
Ion Ratio Lower Upper
152 100
115 59.3 29.2 87.6
150 155.6 0.0 305.8



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

