

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD062005.D
 Acq On : 24 Apr 2019 18:51
 Operator : VA/AP
 Sample : K2532-02
 Misc : 6.29g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5-2

Quant Time: Apr 25 02:30:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

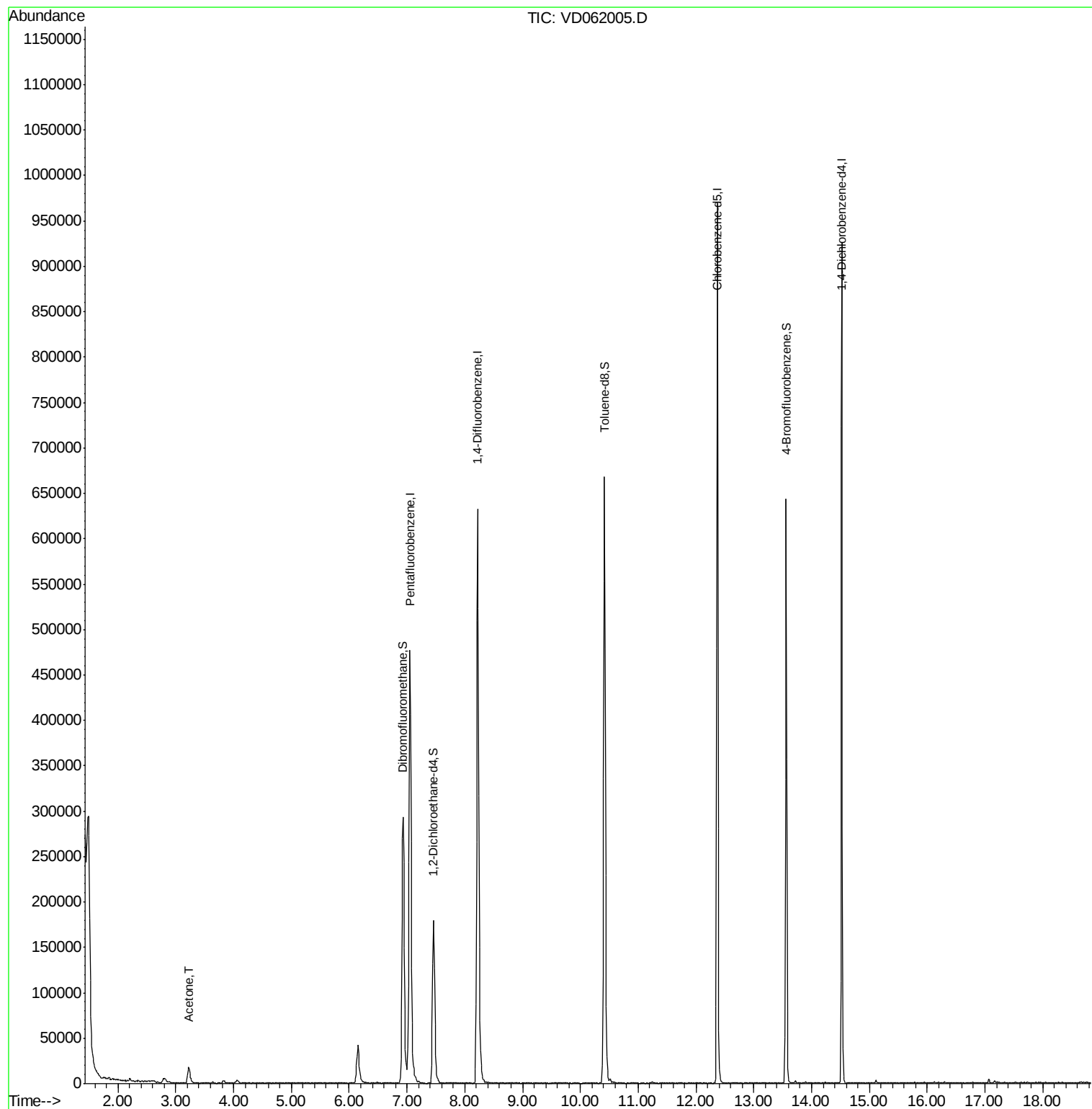
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	469966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	747113	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	609957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	226215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	183872	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	6.93	113	276224	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
50) Toluene-d8	10.42	98	579059	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
62) 4-Bromofluorobenzene	13.56	95	189021	38.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.66%	
Target Compounds						
16) Acetone	3.22	43	36601	41.675	ug/l	Qvalue 98

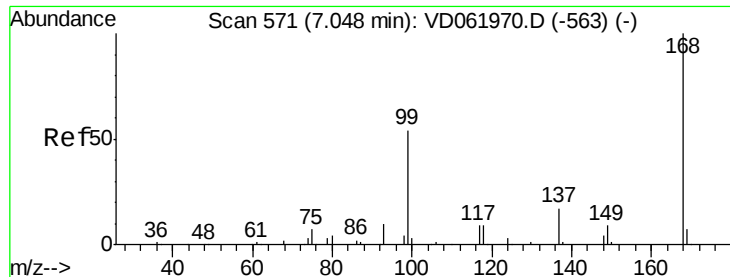
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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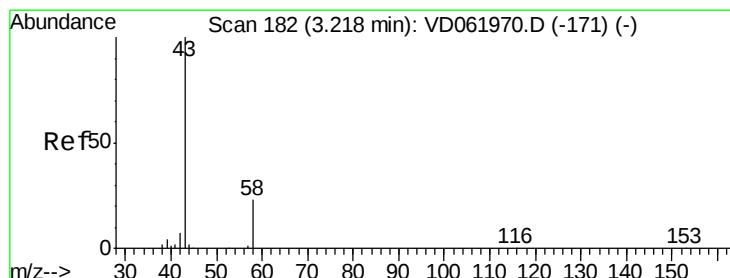
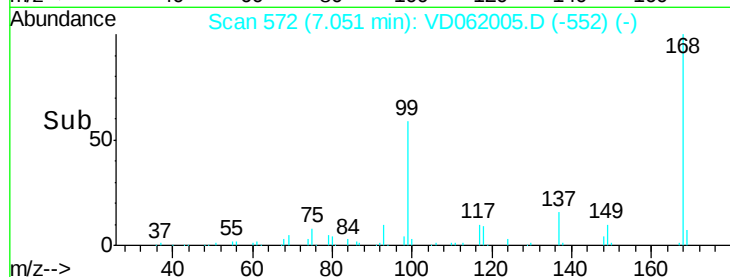
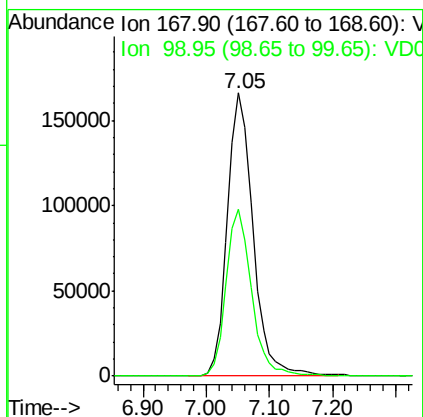
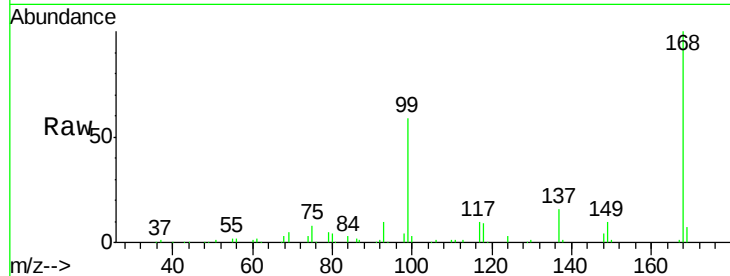




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.00 min
Lab File: VD062005.D
Acq: 24 Apr 2019 18:51

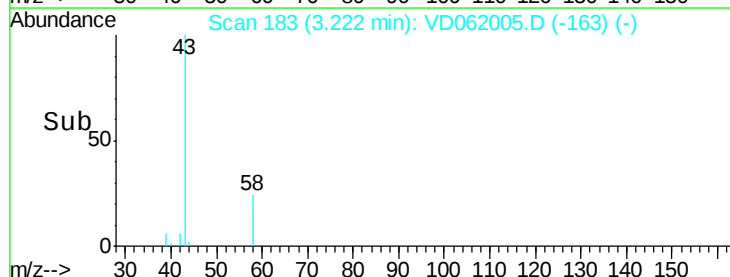
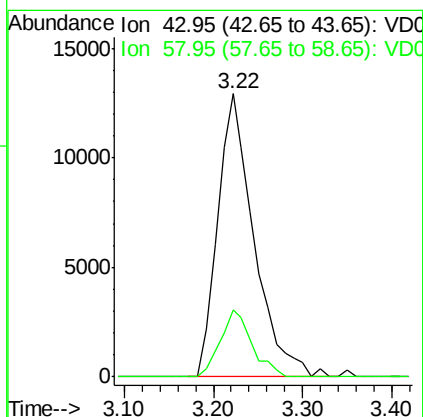
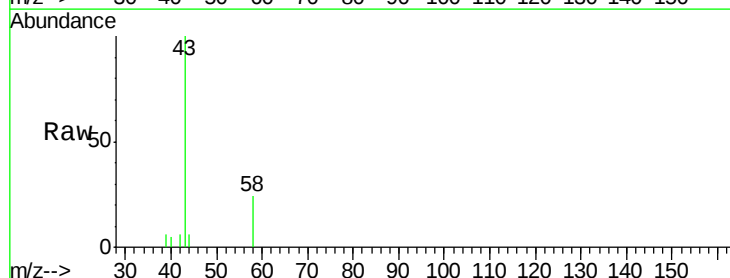
Instrument :
MSVOA_D
ClientSampleId :
TP-5-2

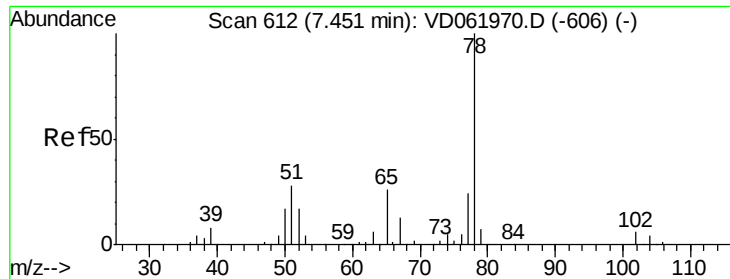
Tot Ion:168 Resp: 469966
Ion Ratio Lower Upper
168 100
99 59.1 46.5 69.7



#16
Acetone
Concen: 41.675 ug/l
RT: 3.22 min Scan# 183
Delta R.T. -0.00 min
Lab File: VD062005.D
Acq: 24 Apr 2019 18:51

Tgt Ion: 43 Resp: 36601
Ion Ratio Lower Upper
43 100
58 23.9 19.9 29.9





#33

1,2-Dichloroethane-d4

Concen: 49.989 ug/l

RT: 7.45 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062005.D

Acq: 24 Apr 2019 18:51

Instrument :

MSVOA_D

ClientSampleId :

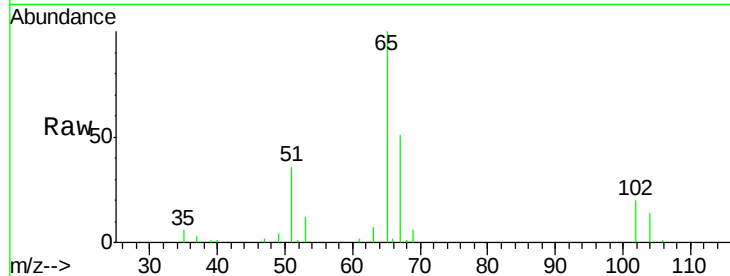
TP-5-2

Tot Ion: 65 Resp: 183872

Ion Ratio Lower Upper

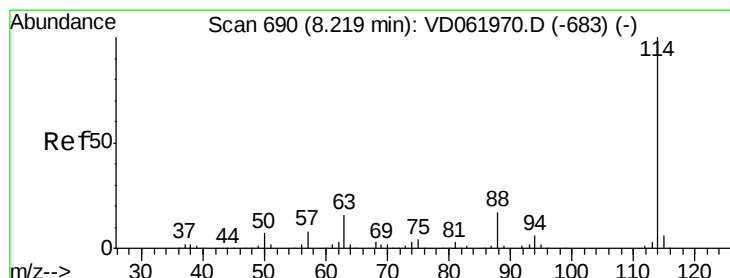
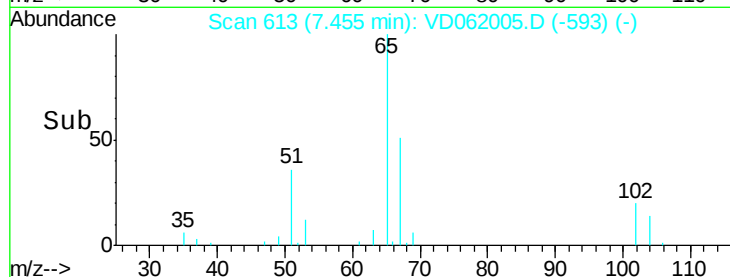
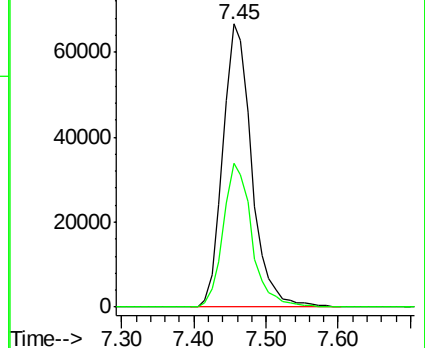
65 100

67 50.9 0.0 98.0



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: 8.22 min Scan# 691

Delta R.T. -0.00 min

Lab File: VD062005.D

Acq: 24 Apr 2019 18:51

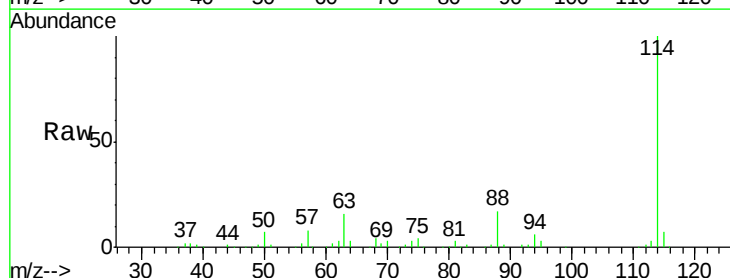
Tgt Ion: 114 Resp: 747113

Ion Ratio Lower Upper

114 100

63 16.4 0.0 32.4

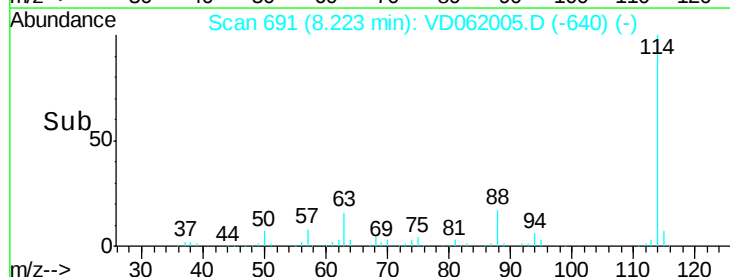
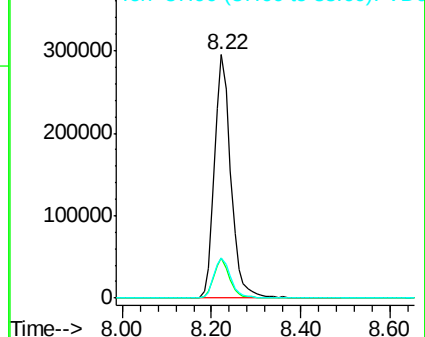
88 16.7 0.0 33.6

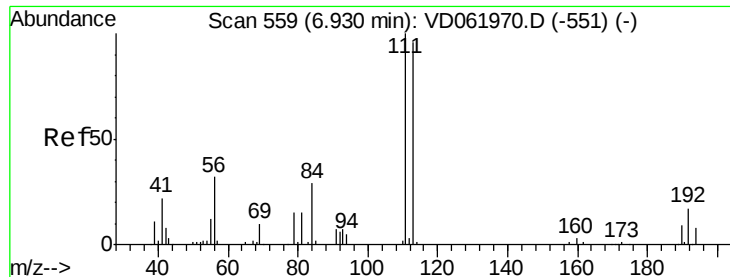


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

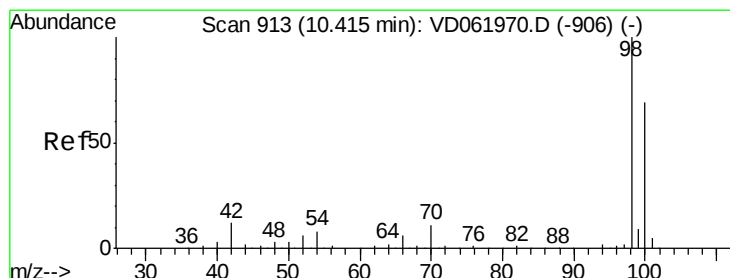
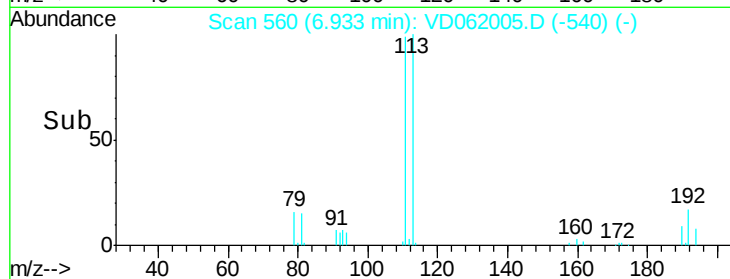
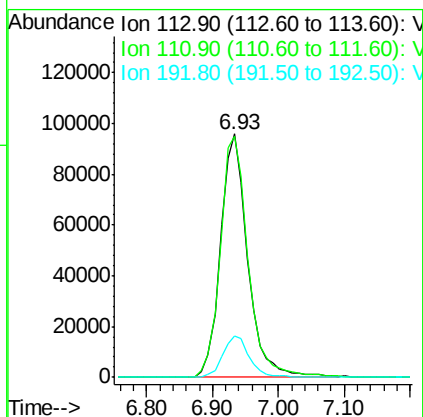
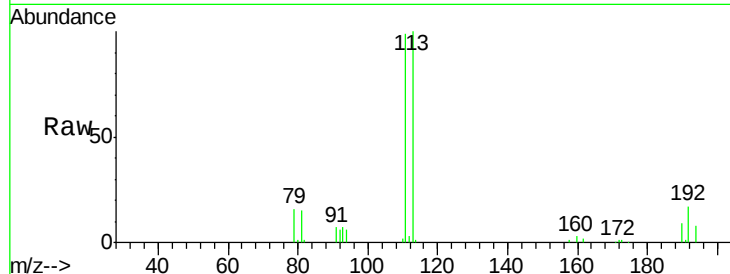




#35
 Dibromofluoromethane
 Concen: 53.459 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: VD062005.D
 Acq: 24 Apr 2019 18:51

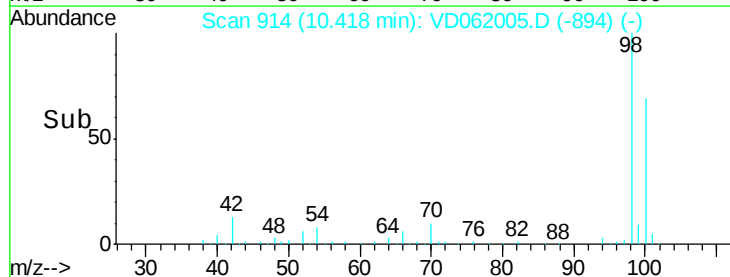
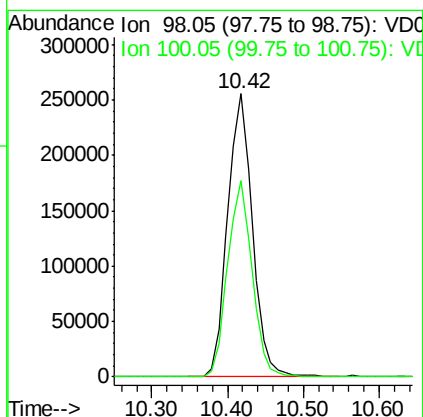
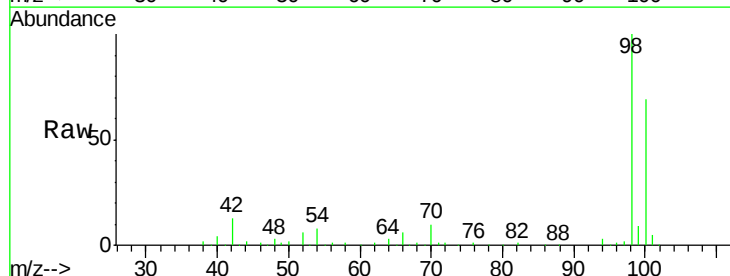
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5-2

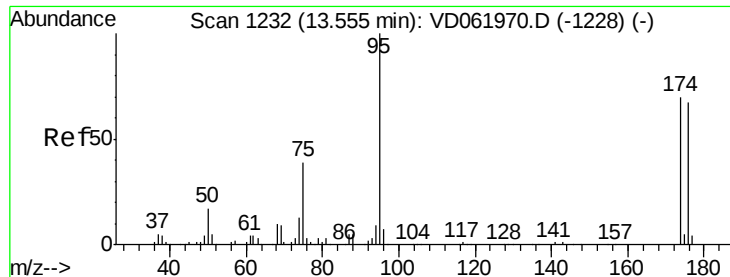
Tot Ion:113 Resp: 276224
 Ion Ratio Lower Upper
 113 100
 111 99.1 78.5 117.7
 192 16.8 13.0 19.4



#50
 Toluene-d8
 Concen: 47.098 ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: VD062005.D
 Acq: 24 Apr 2019 18:51

Tgt Ion: 98 Resp: 579059
 Ion Ratio Lower Upper
 98 100
 100 69.4 53.8 80.8

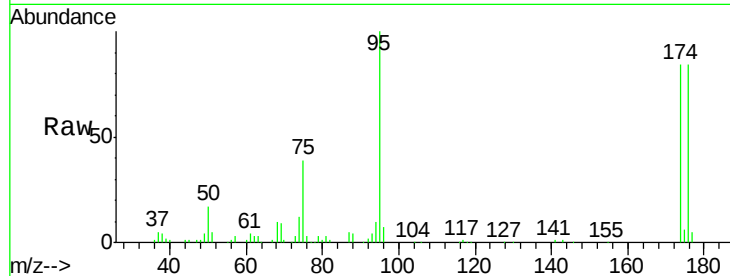




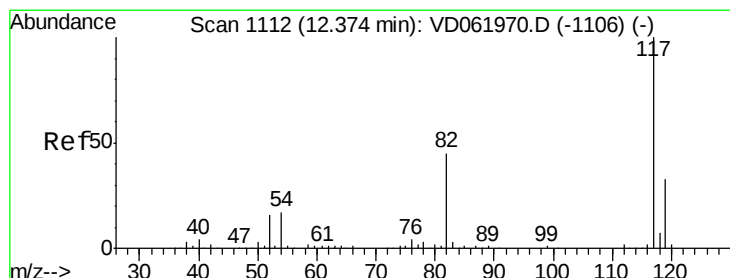
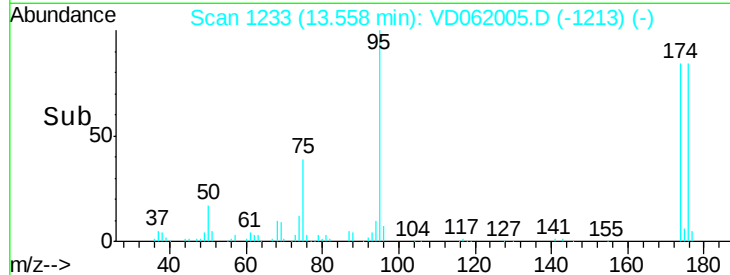
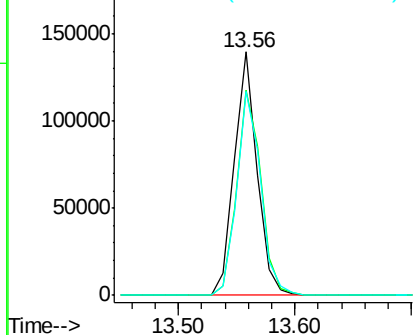
#62
4-Bromofluorobenzene
Concen: 38.330 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD062005.D
Acq: 24 Apr 2019 18:51

Instrument :
MSVOA_D
ClientSampleId :
TP-5-2

Tot Ion: 95 Resp: 189021
Ion Ratio Lower Upper
95 100
174 84.4 0.0 181.8
176 83.5 0.0 174.4

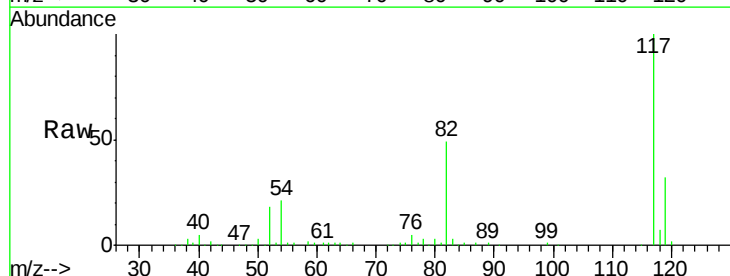


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

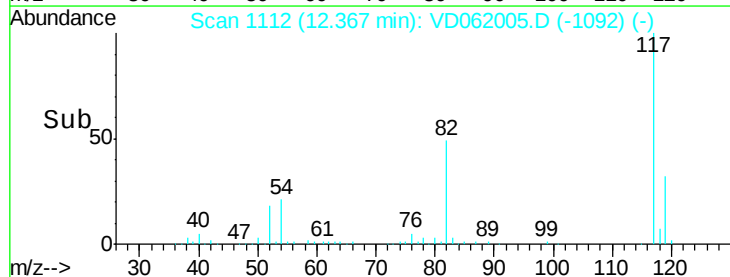
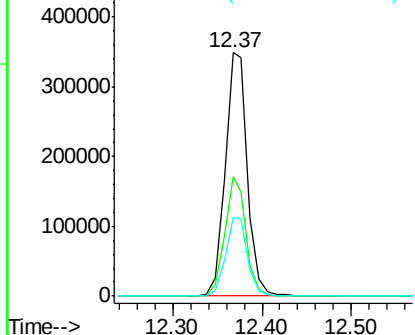


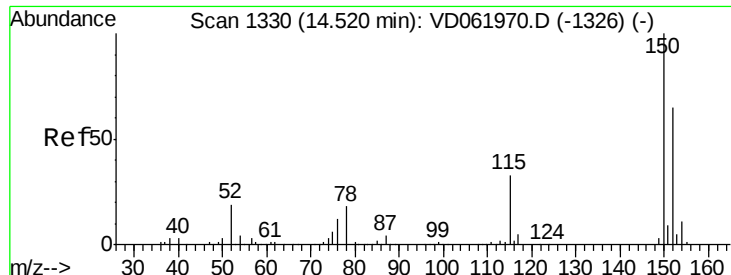
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062005.D
Acq: 24 Apr 2019 18:51

Tgt Ion: 117 Resp: 609957
Ion Ratio Lower Upper
117 100
82 48.8 36.2 54.2
119 32.2 26.2 39.4



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

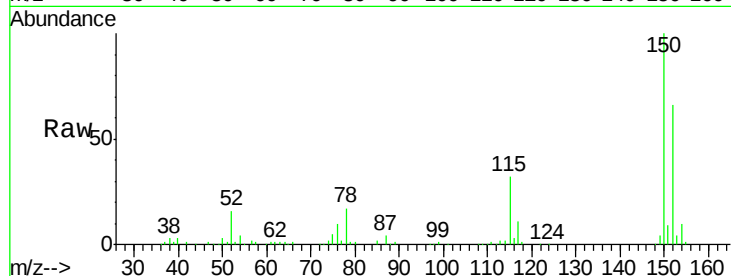




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: VD062005.D
 Acq: 24 Apr 2019 18:51

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	48.7	30.9	92.7
150	151.4	0.0	314.8



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

