

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD062021.D
 Acq On : 25 Apr 2019 5:24
 Operator : VA/AP
 Sample : K2542-18
 Misc : 4.91g/5ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8-2

Quant Time: Apr 25 07:24:55 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

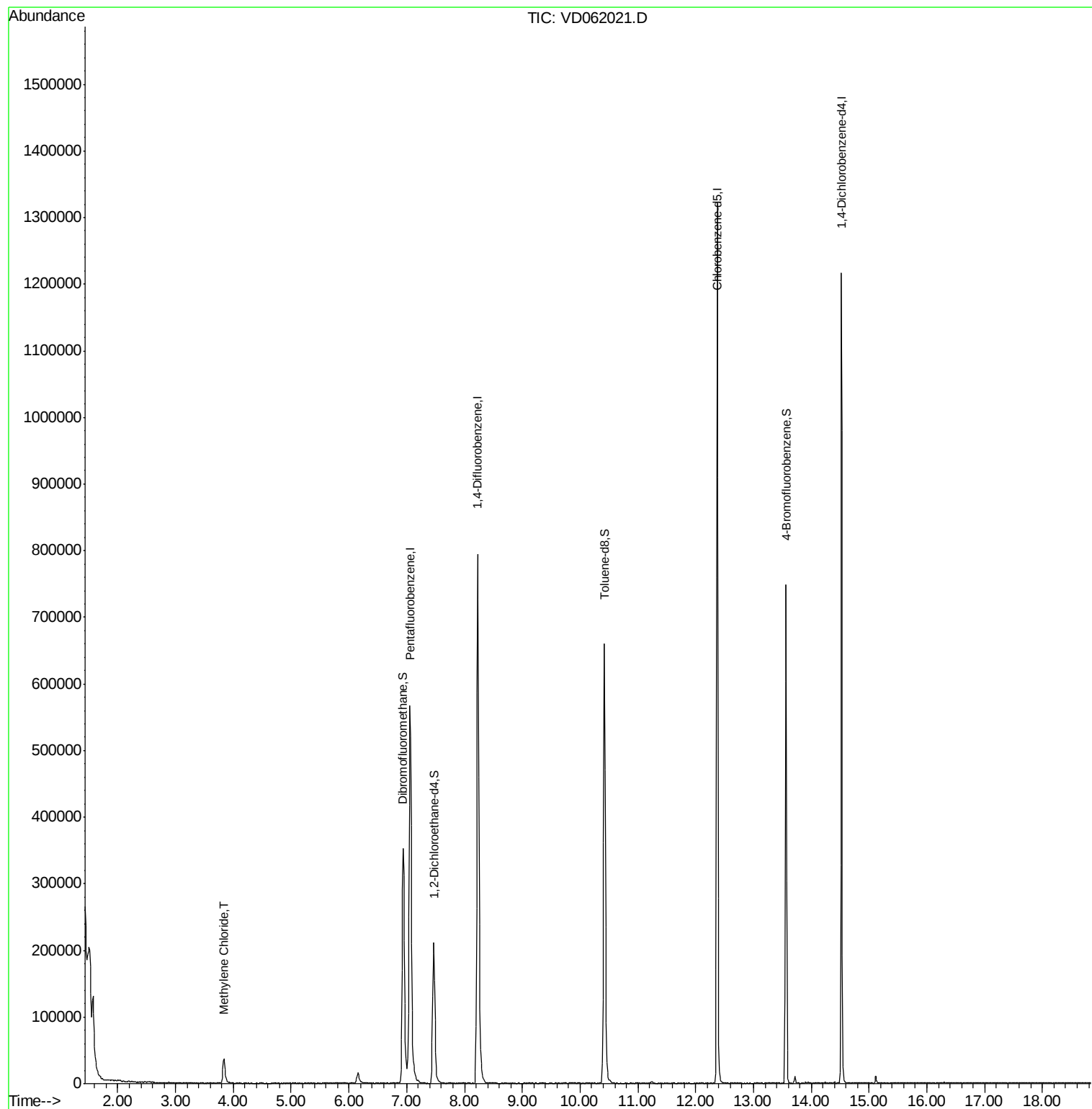
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	570711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	948798	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	768484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	287871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	224684	50.30	ug/l	0.01
Spiked Amount 50.000			Recovery	=	100.60%	
35) Dibromofluoromethane	6.94	113	329761	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
50) Toluene-d8	10.42	98	619097	39.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.30%	
62) 4-Bromofluorobenzene	13.56	95	239817	38.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.58%	
Target Compounds						
20) Methylene Chloride	3.84	84	29958	2.757	ug/l	Qvalue 98

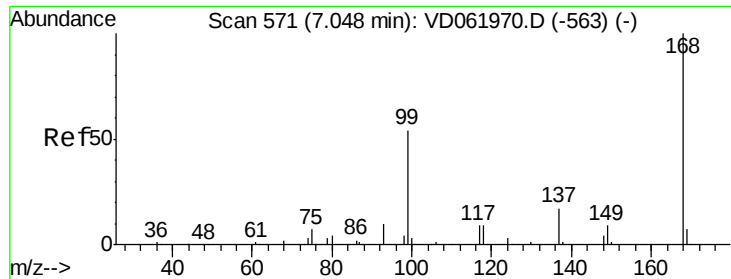
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD062021.D

Acq: 25 Apr 2019 5:24

Instrument :

MSVOA_D

ClientSampleId :

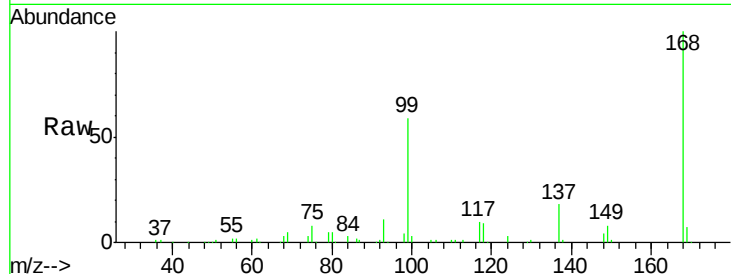
TP-8-2

Tot Ion:168 Resp: 570711

Ion Ratio Lower Upper

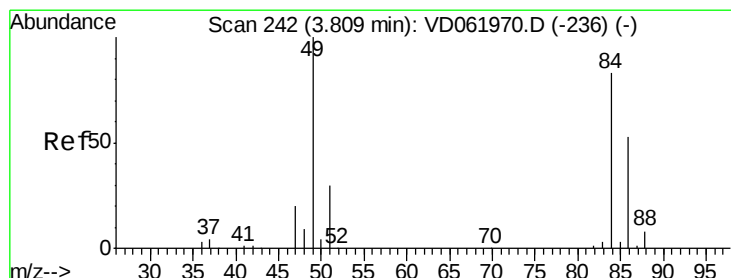
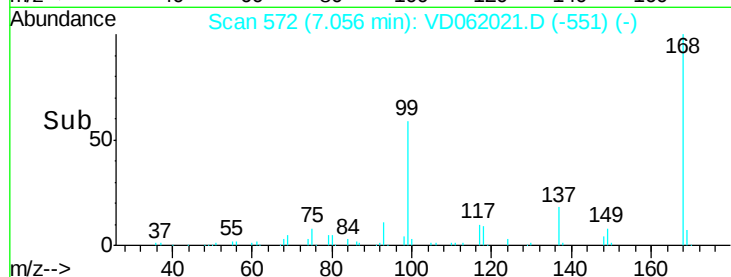
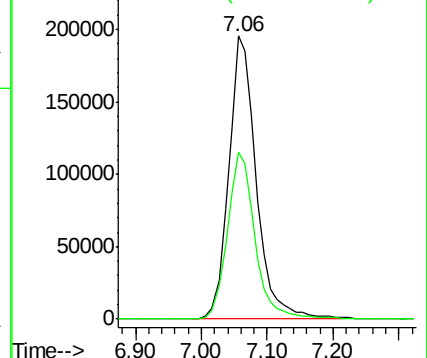
168 100

99 59.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 2.757 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.01 min

Lab File: VD062021.D

Acq: 25 Apr 2019 5:24

Tgt Ion: 84 Resp: 29958

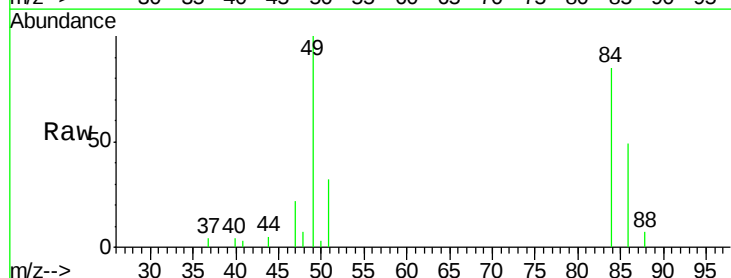
Ion Ratio Lower Upper

84 100

49 118.2 94.0 141.0

51 38.1 29.0 43.4

86 57.9 49.8 74.6

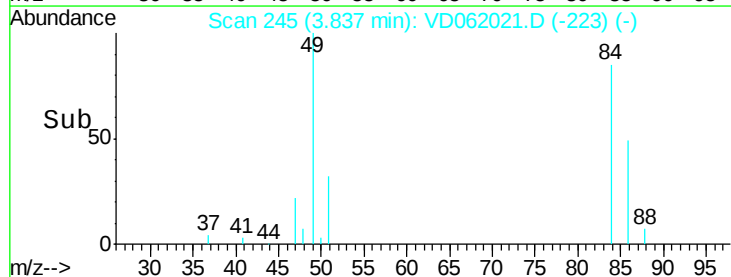
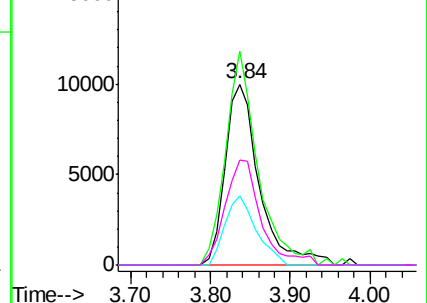


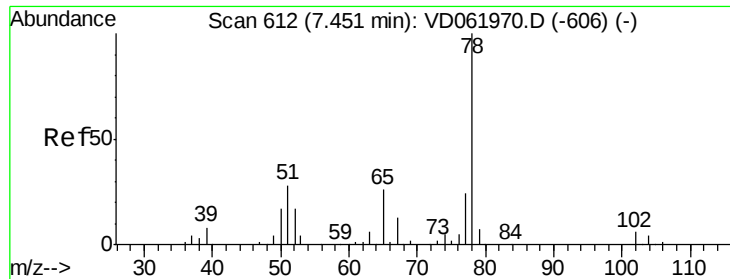
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

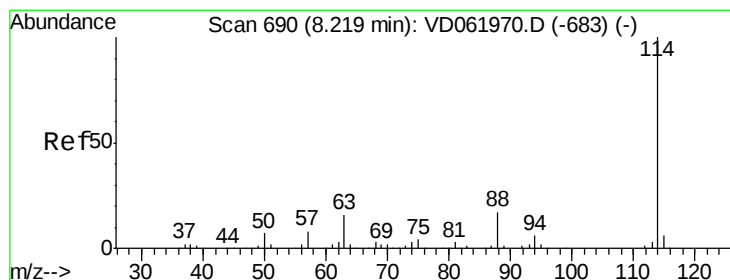
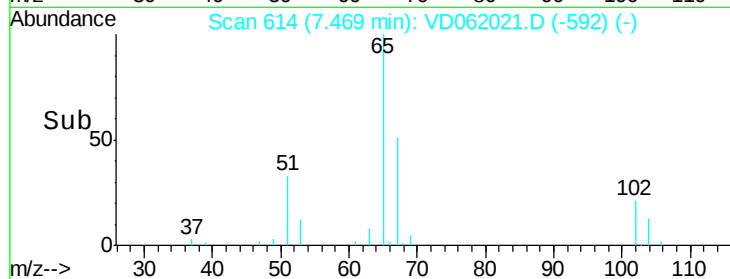
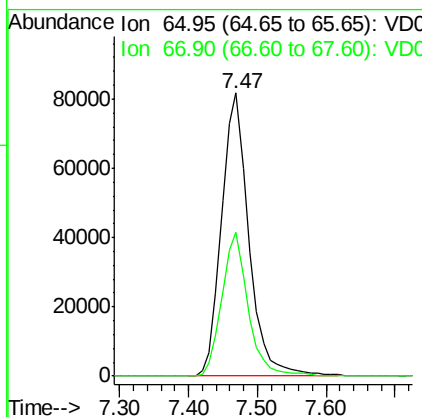
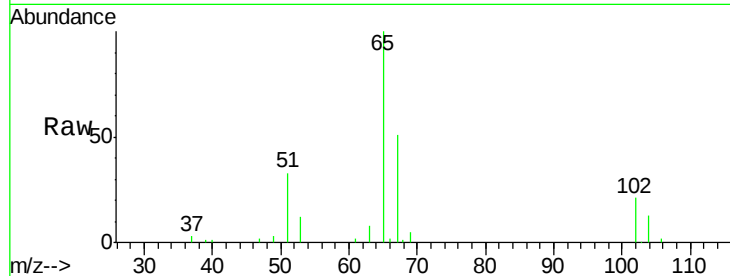




#33
 1,2-Dichloroethane-d4
 Concen: 50.302 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: VD062021.D
 Acq: 25 Apr 2019 5:24

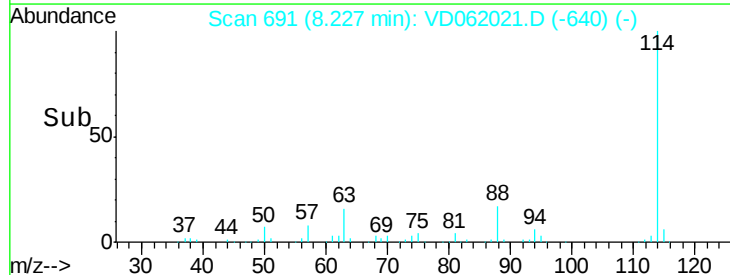
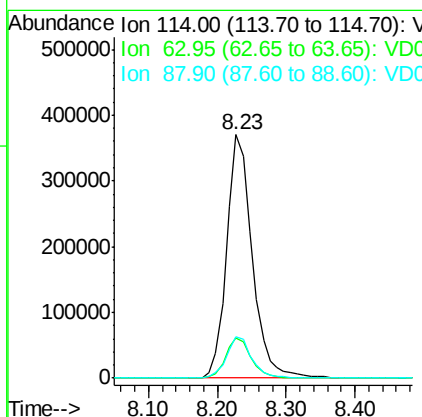
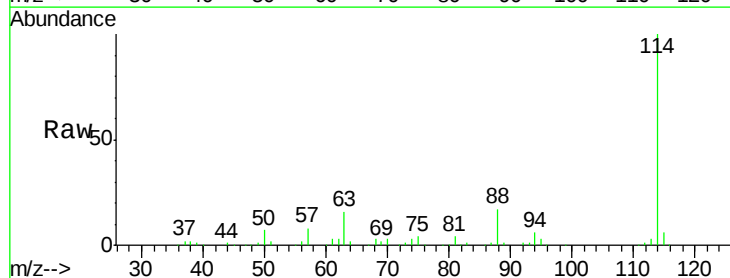
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8-2

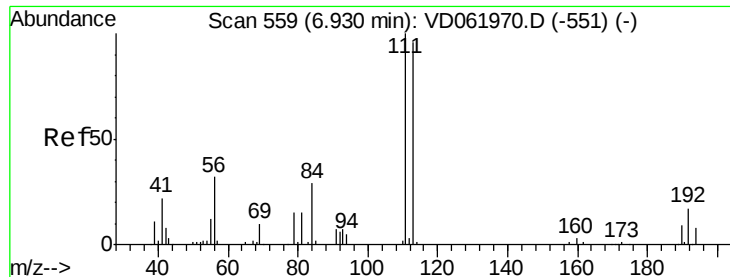
Tot Ion: 65 Resp: 224684
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD062021.D
 Acq: 25 Apr 2019 5:24

Tgt Ion: 114 Resp: 948798
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 32.4
 88 17.2 0.0 33.6

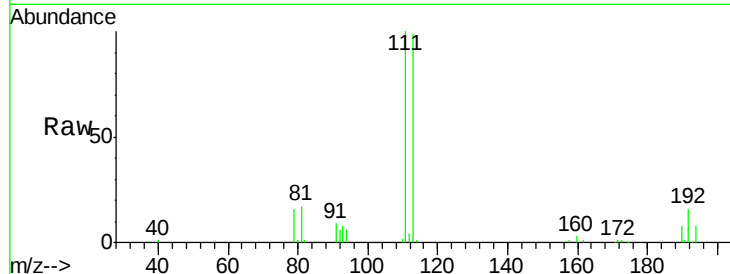




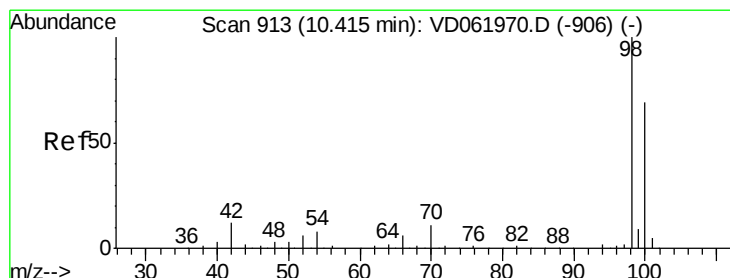
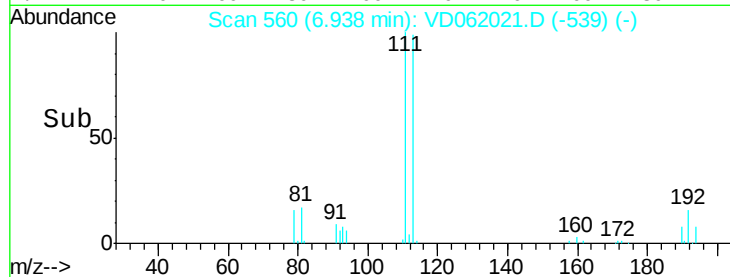
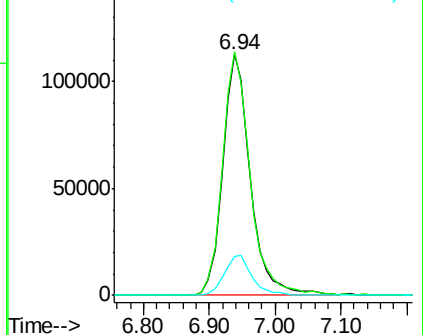
#35
 Dibromofluoromethane
 Concen: 50.254 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: VD062021.D
 Acq: 25 Apr 2019 5:24

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8-2

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	78.5	117.7
192	16.1	13.0	19.4

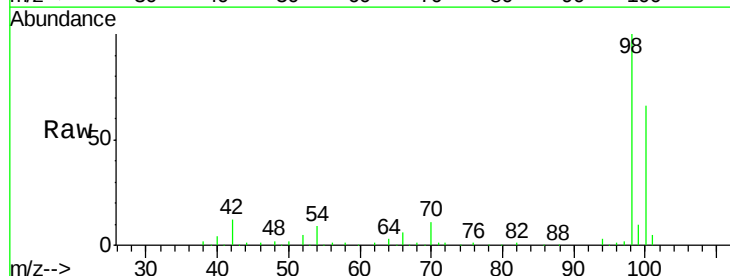


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

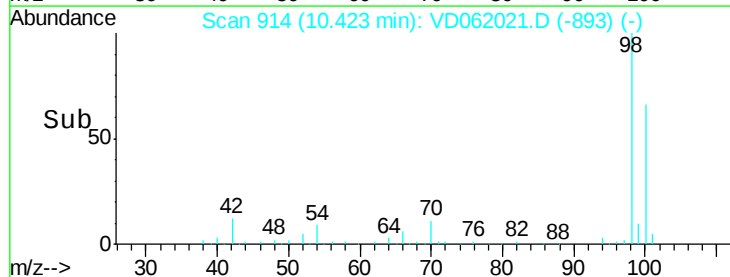
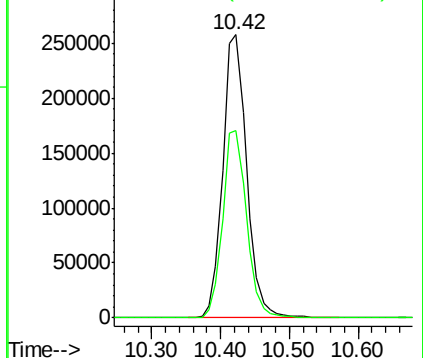


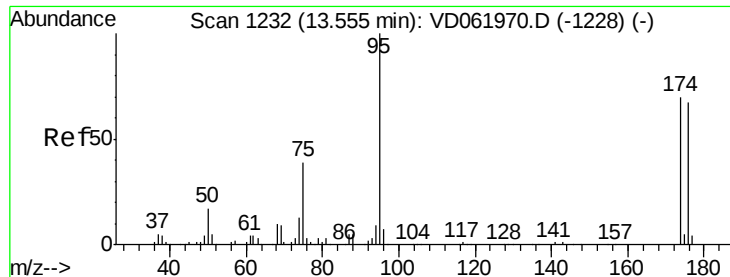
#50
 Toluene-d8
 Concen: 39.650 ug/l
 RT: 10.42 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: VD062021.D
 Acq: 25 Apr 2019 5:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.8	80.8



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

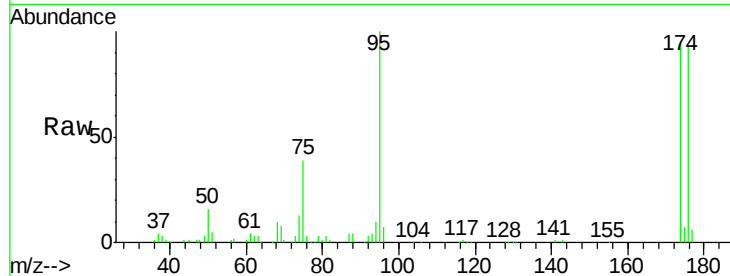




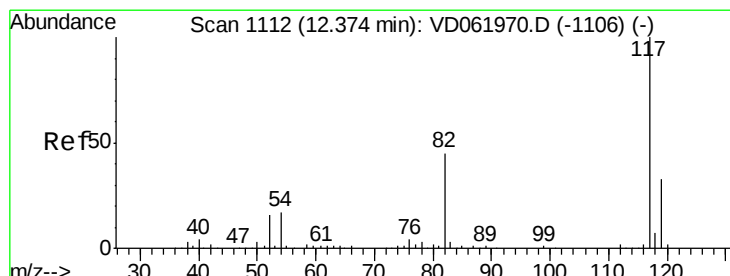
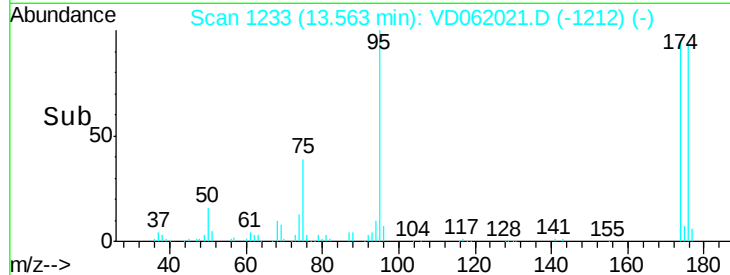
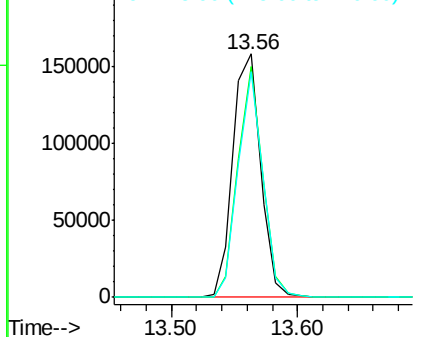
#62
4-Bromofluorobenzene
Concen: 38.293 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD062021.D
Acq: 25 Apr 2019 5:24

Instrument :
MSVOA_D
ClientSampleId :
TP-8-2

Tot Ion: 95 Resp: 239817
Ion Ratio Lower Upper
95 100
174 95.1 0.0 181.8
176 92.8 0.0 174.4

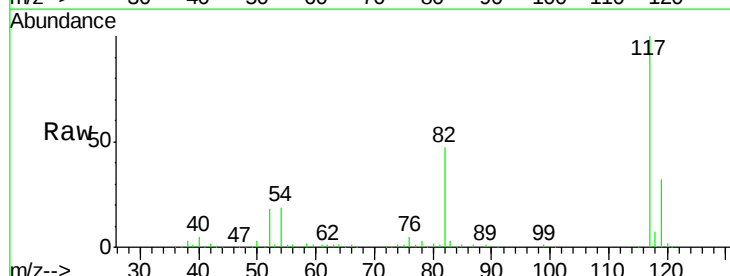


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

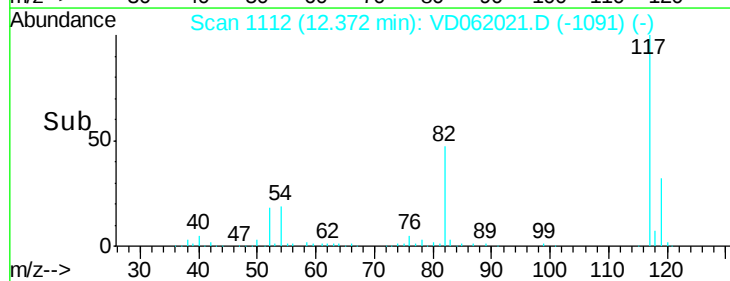
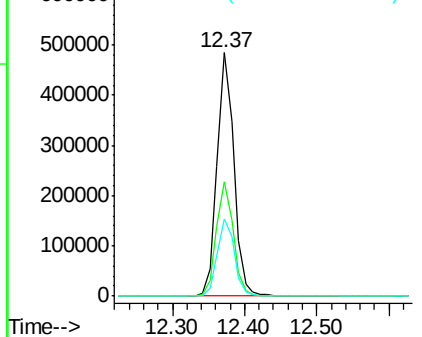


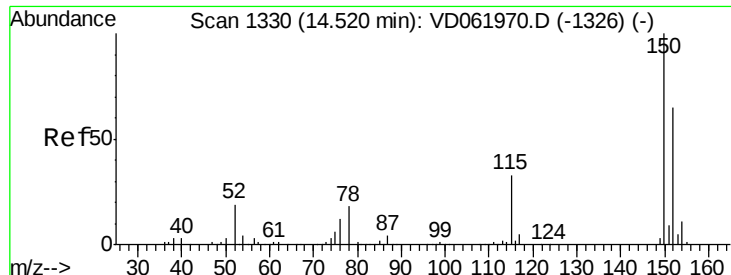
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062021.D
Acq: 25 Apr 2019 5:24

Tgt Ion: 117 Resp: 768484
Ion Ratio Lower Upper
117 100
82 47.1 36.2 54.2
119 31.7 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# 1330

Delta R.T. -0.01 min

Lab File: VD062021.D

Acq: 25 Apr 2019 5:24

Instrument :

MSVOA_D

ClientSampleId :

TP-8-2

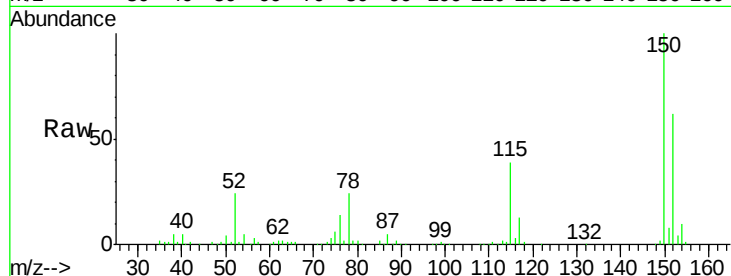
Tot Ion:152 Resp: 287871

Ion Ratio Lower Upper

152 100

115 62.9 30.9 92.7

150 161.1 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

