

Data File : VD062233.D
Acq On : 11 May 2019 13:18
Operator : FY/SY
Sample : K2729-01
Misc : 6.75g/5mL/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-1

Quant Time: May 11 22:48:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

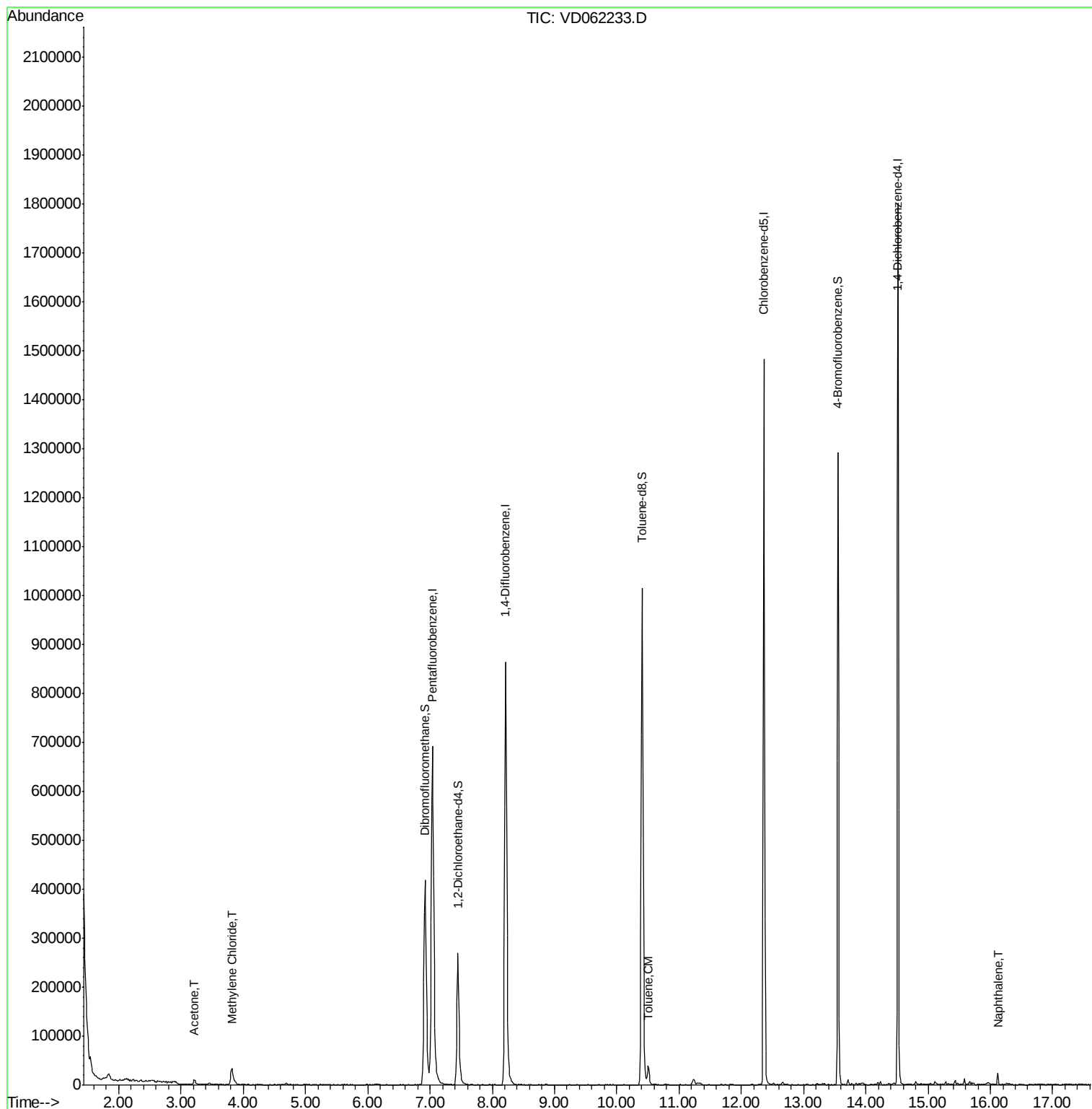
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	687767	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	985006	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	796422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	378550	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	290393	45.43	ug/l	0.03
Spiked Amount 50.000			Recovery	=	90.86%	
35) Dibromofluoromethane	6.92	113	370269	45.31	ug/l	0.03
Spiked Amount 50.000			Recovery	=	90.62%	
50) Toluene-d8	10.40	98	879015	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.22%	
62) 4-Bromofluorobenzene	13.55	95	366472	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
Target Compounds						
16) Acetone	3.21	43	19435	14.500	ug/l #	77
20) Methylene Chloride	3.82	84	23157	4.138	ug/l	91
52) Toluene	10.50	92	19183	1.617	ug/l	93
95) Naphthalene	16.12	128	13331	1.373	ug/l	97

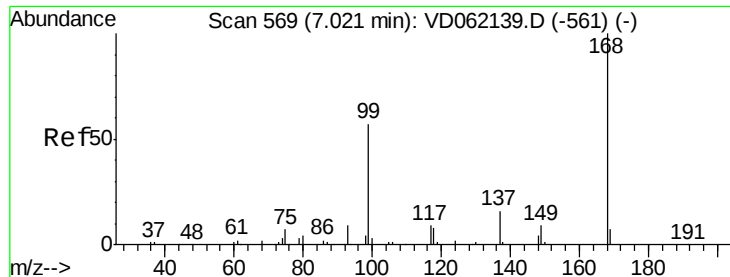
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

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Instrument :

MSVOA_D

ClientSampled :

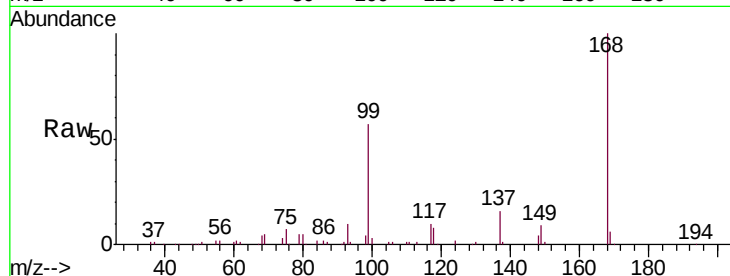
B-1

Tgt Ion:168 Resp: 687767

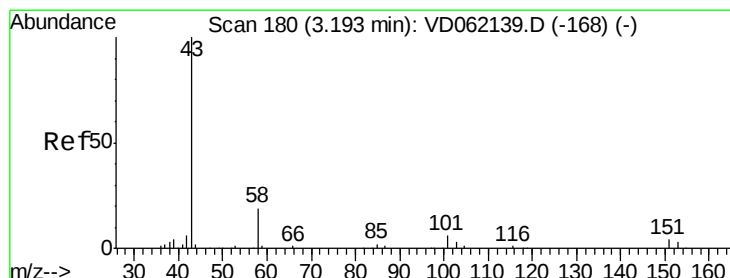
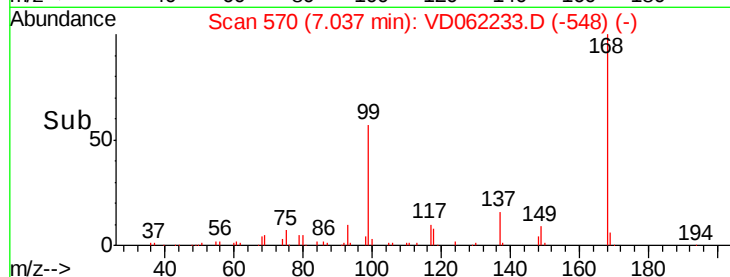
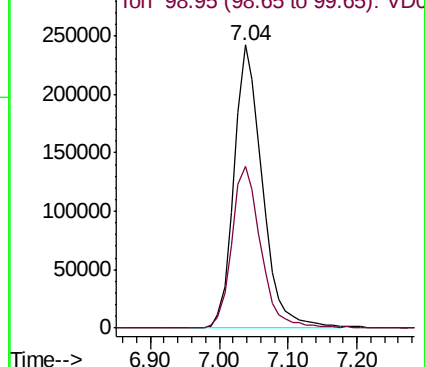
Ion Ratio Lower Upper

168 100

99 57.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 14.500 ug/l

RT: 3.21 min Scan# 181

Delta R.T. 0.02 min

Lab File: VD062233.D

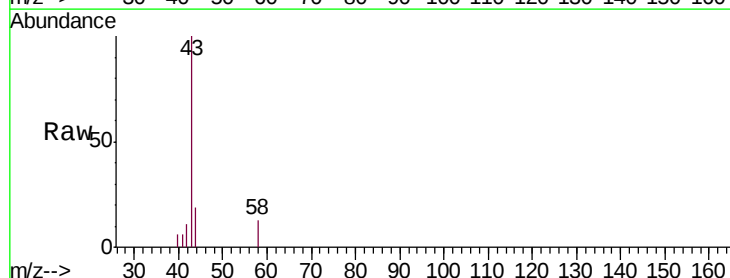
Acq: 11 May 2019 13:18

Tgt Ion: 43 Resp: 19435

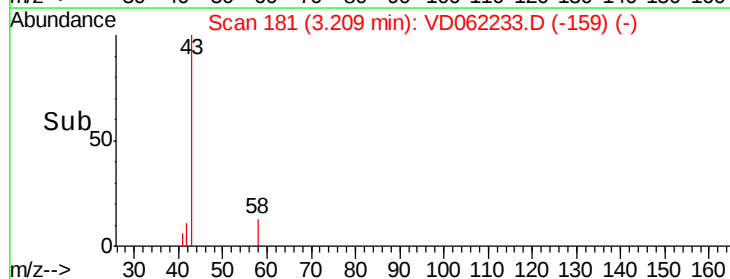
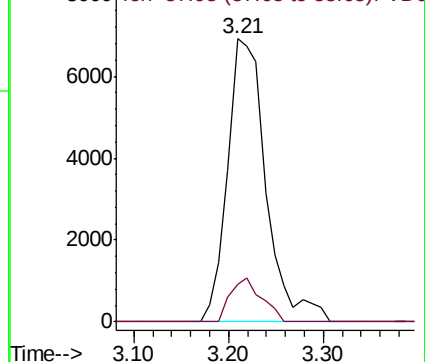
Ion Ratio Lower Upper

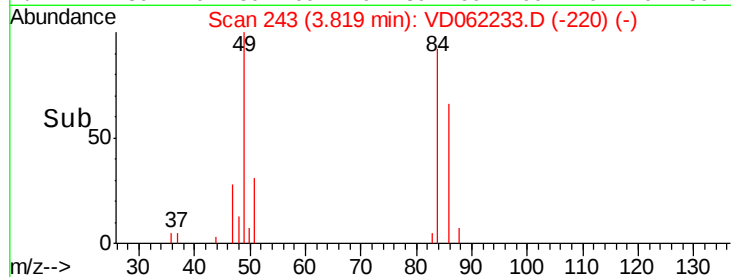
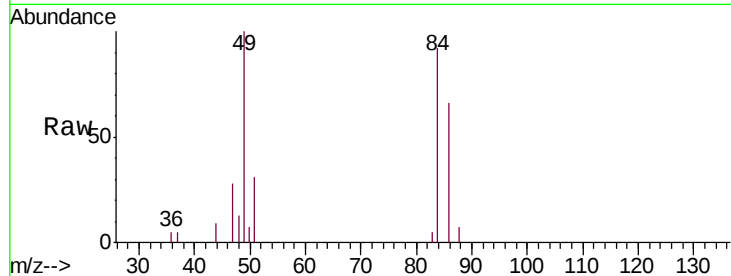
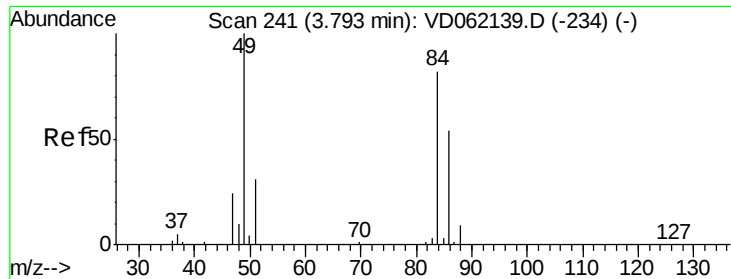
43 100

58 13.3 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

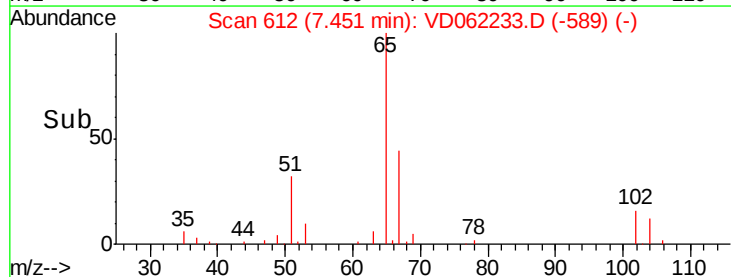
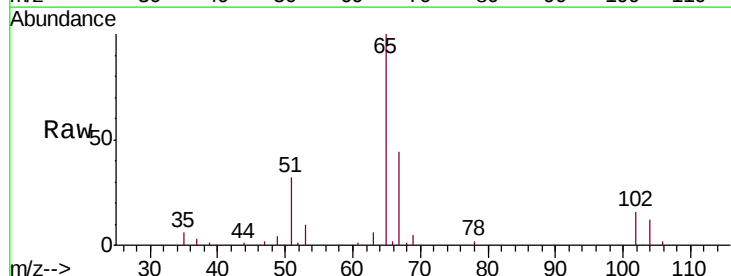
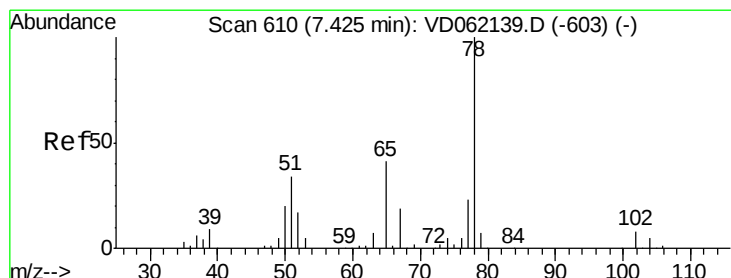
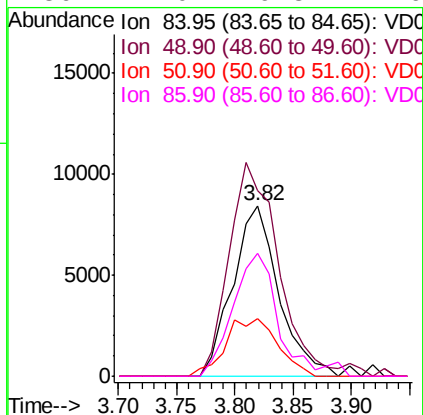




#20
Methylene Chloride
Concen: 4.138 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.03 min
Lab File: VD062233.D
Acq: 11 May 2019 13:18

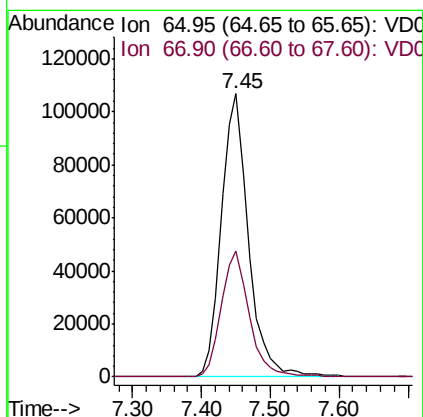
Instrument :
MSVOA_D
ClientSampleId :
B-1

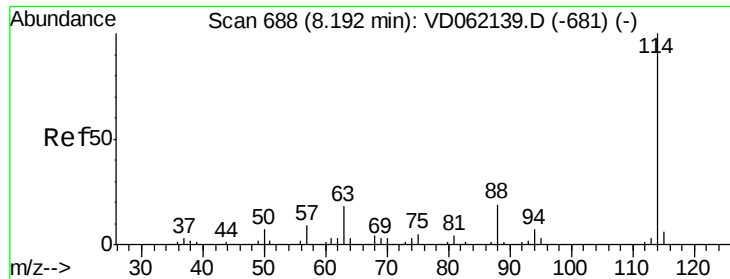
Tgt Ion:	84	Resp:	23157
Ion	Ratio	Lower	Upper
84	100		
49	108.9	94.0	141.0
51	34.1	29.0	43.4
86	72.0	49.8	74.6



#33
1,2-Dichloroethane-d4
Concen: 45.434 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.03 min
Lab File: VD062233.D
Acq: 11 May 2019 13:18

Tgt Ion:	65	Resp:	290393
Ion	Ratio	Lower	Upper
65	100		
67	44.3	0.0	98.0

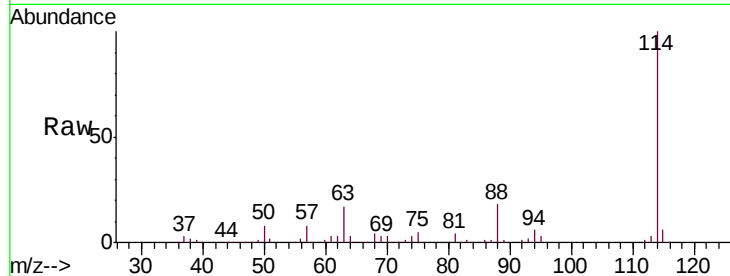




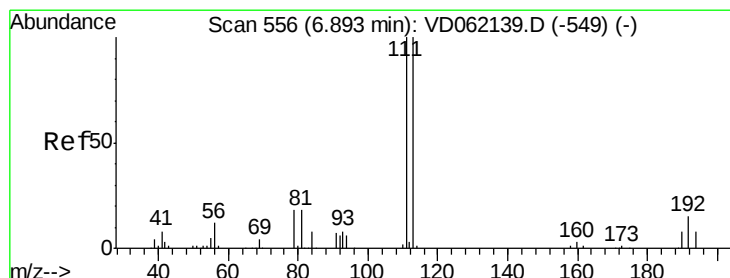
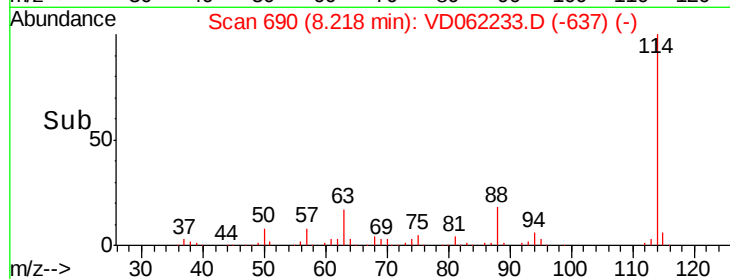
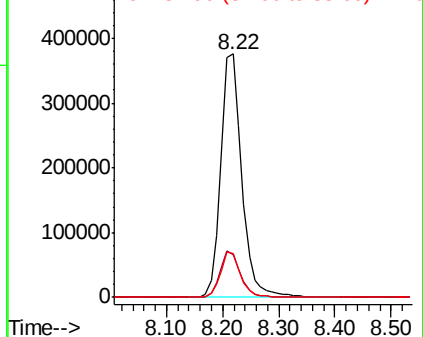
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD062233.D
 Acq: 11 May 2019 13:18

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1

Tgt Ion:114 Resp: 985006
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 32.4
 88 17.9 0.0 33.6

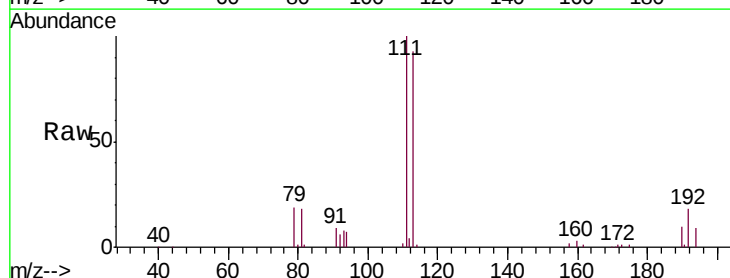


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

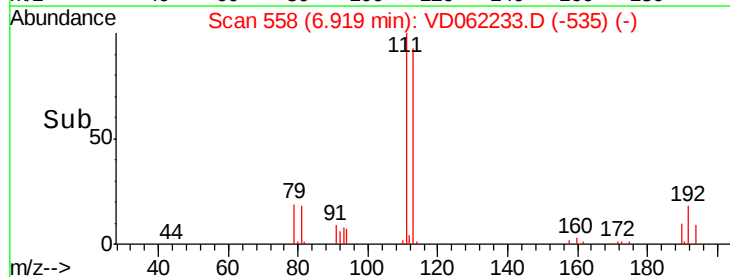
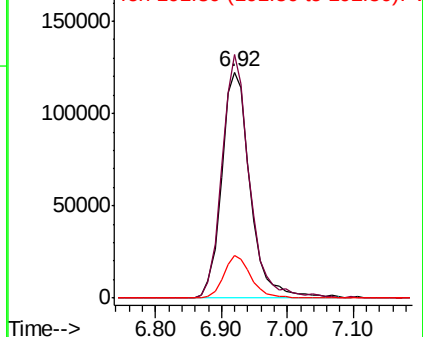


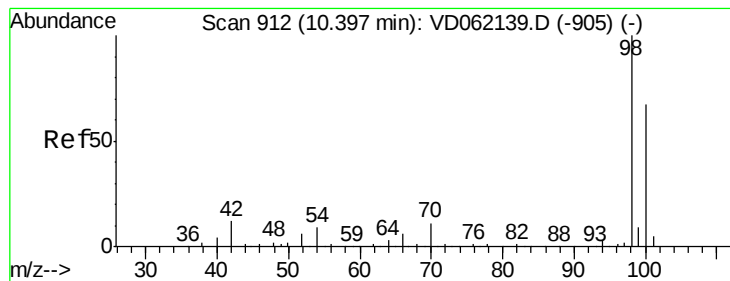
#35
 Dibromofluoromethane
 Concen: 45.306 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.03 min
 Lab File: VD062233.D
 Acq: 11 May 2019 13:18

Tgt Ion:113 Resp: 370269
 Ion Ratio Lower Upper
 113 100
 111 107.9 78.5 117.7
 192 19.1 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: 44.609 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.01 min

Lab File: VD062233.D

Acq: 11 May 2019 13:18

Instrument :

MSVOA_D

ClientSampleId :

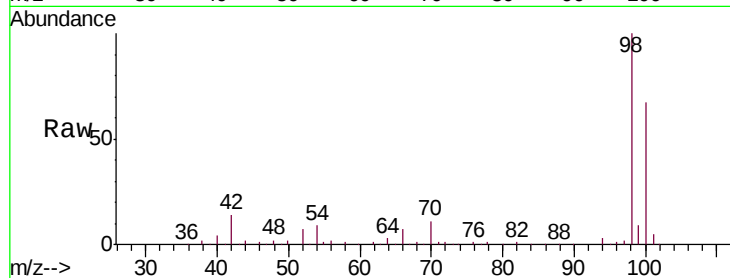
B-1

Tgt Ion: 98 Resp: 879015

Ion Ratio Lower Upper

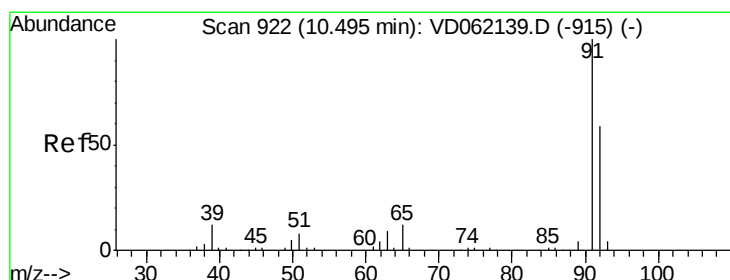
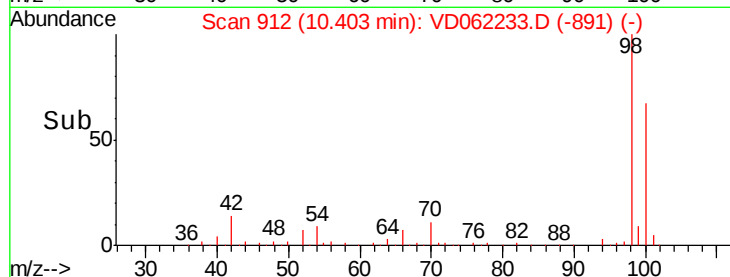
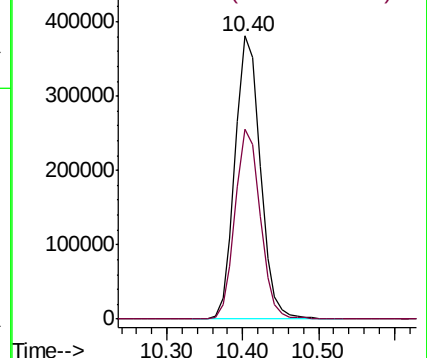
98 100

100 67.0 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 1.617 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.01 min

Lab File: VD062233.D

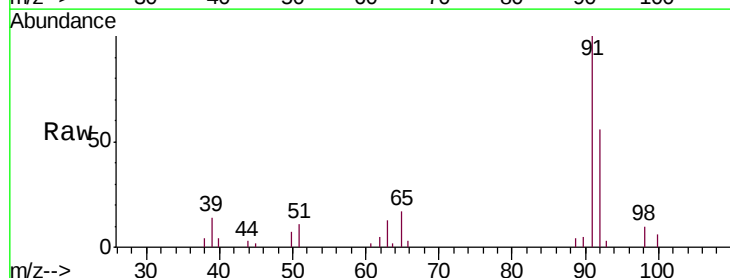
Acq: 11 May 2019 13:18

Tgt Ion: 92 Resp: 19183

Ion Ratio Lower Upper

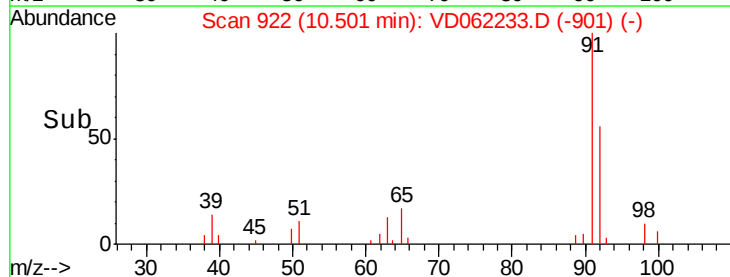
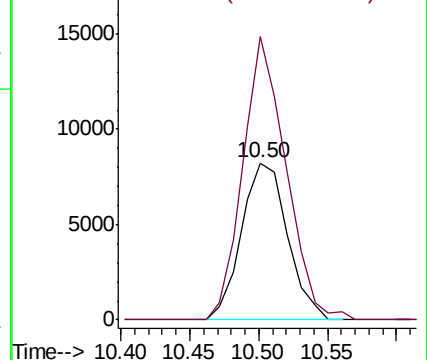
92 100

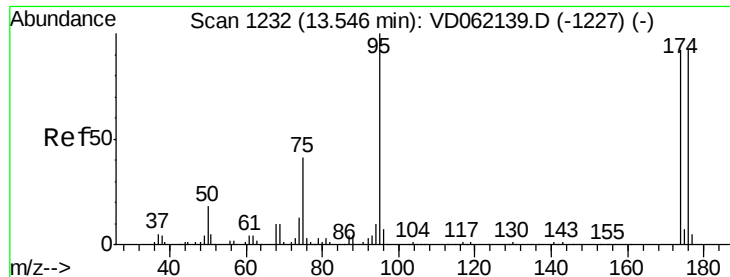
91 180.0 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

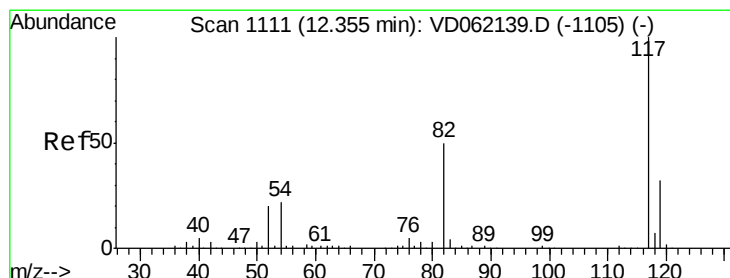
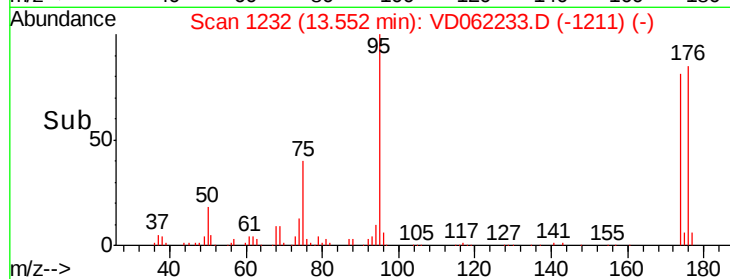
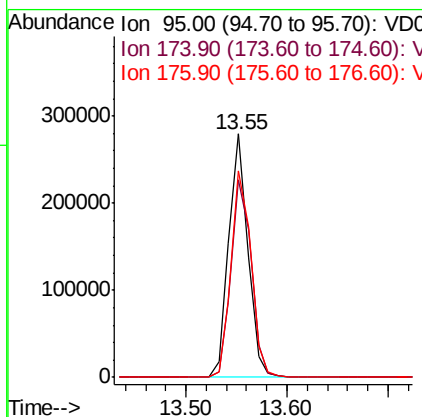
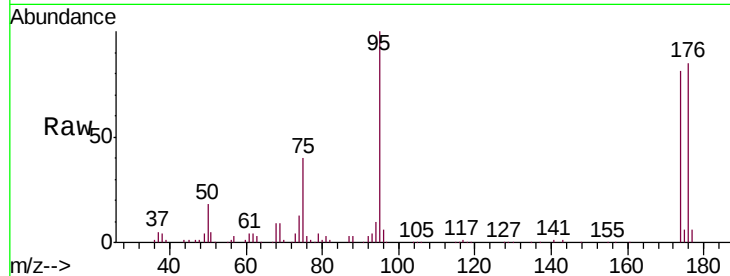




#62
 4-Bromofluorobenzene
 Concen: 46.314 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: VD062233.D
 Acq: 11 May 2019 13:18

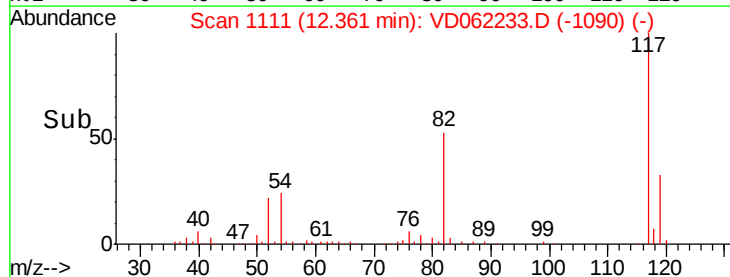
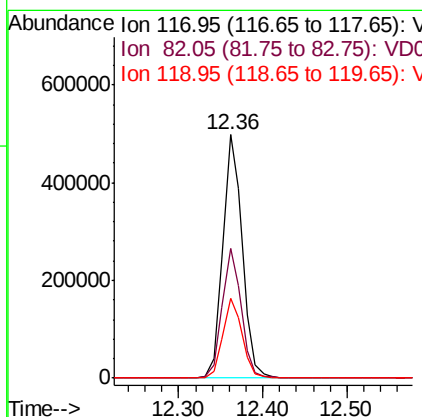
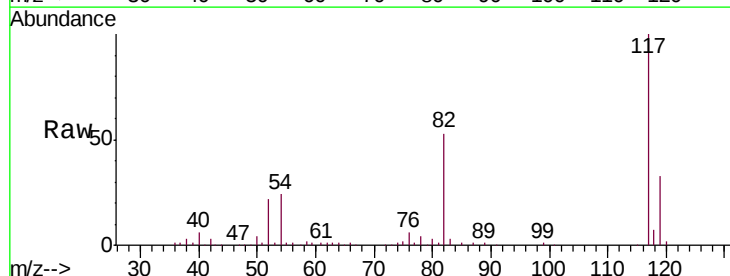
Instrument :
 MSVOA_D
 ClientSampleId :
 B-1

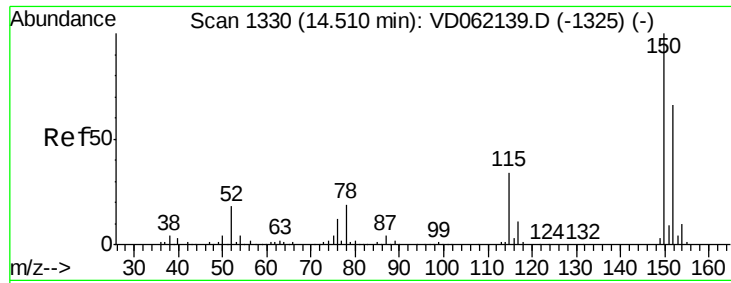
Tgt Ion: 95 Resp: 366472
 Ion Ratio Lower Upper
 95 100
 174 81.4 0.0 181.8
 176 84.6 0.0 174.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VD062233.D
 Acq: 11 May 2019 13:18

Tgt Ion: 117 Resp: 796422
 Ion Ratio Lower Upper
 117 100
 82 53.1 36.2 54.2
 119 32.6 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD062233.D

Acq: 11 May 2019 13:18

Instrument :

MSVOA_D

ClientSampleId :

B-1

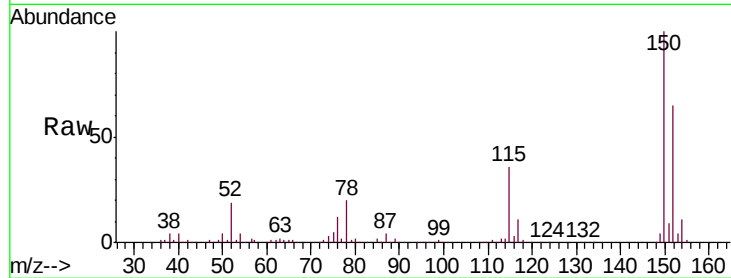
Tgt Ion:152 Resp: 378550

Ion Ratio Lower Upper

152 100

115 55.3 30.9 92.7

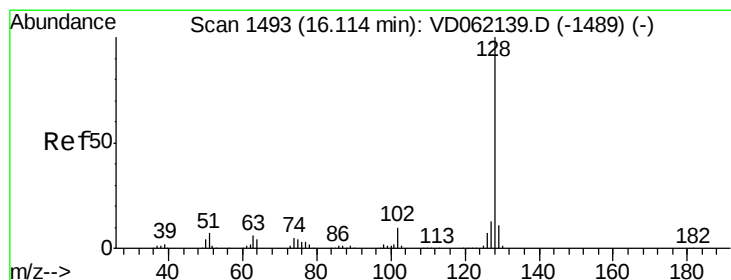
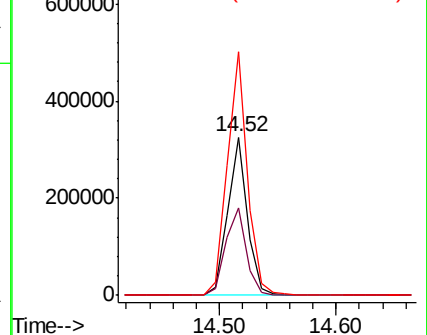
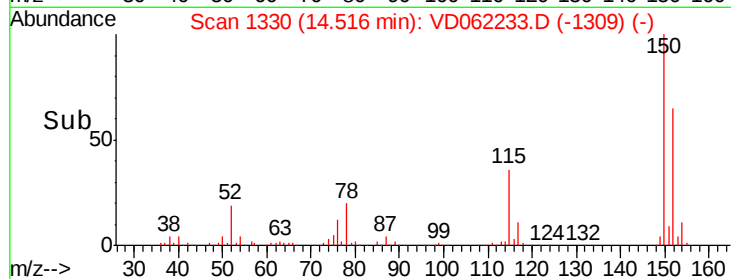
150 154.0 0.0 314.8



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



#95

Naphthalene

Concen: 1.373 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VD062233.D

Acq: 11 May 2019 13:18

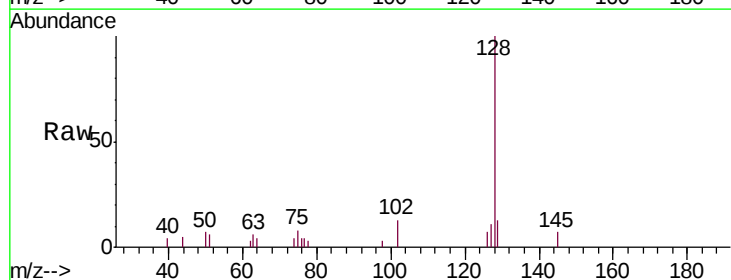
Tgt Ion:128 Resp: 13331

Ion Ratio Lower Upper

128 100

127 11.3 9.8 14.8

129 12.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

