

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121818\
 Data File : VD060622.D
 Acq On : 18 Dec 2018 15:42
 Operator : VA/AP
 Sample : J6464-04
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VB16202

Quant Time: Dec 19 03:06:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

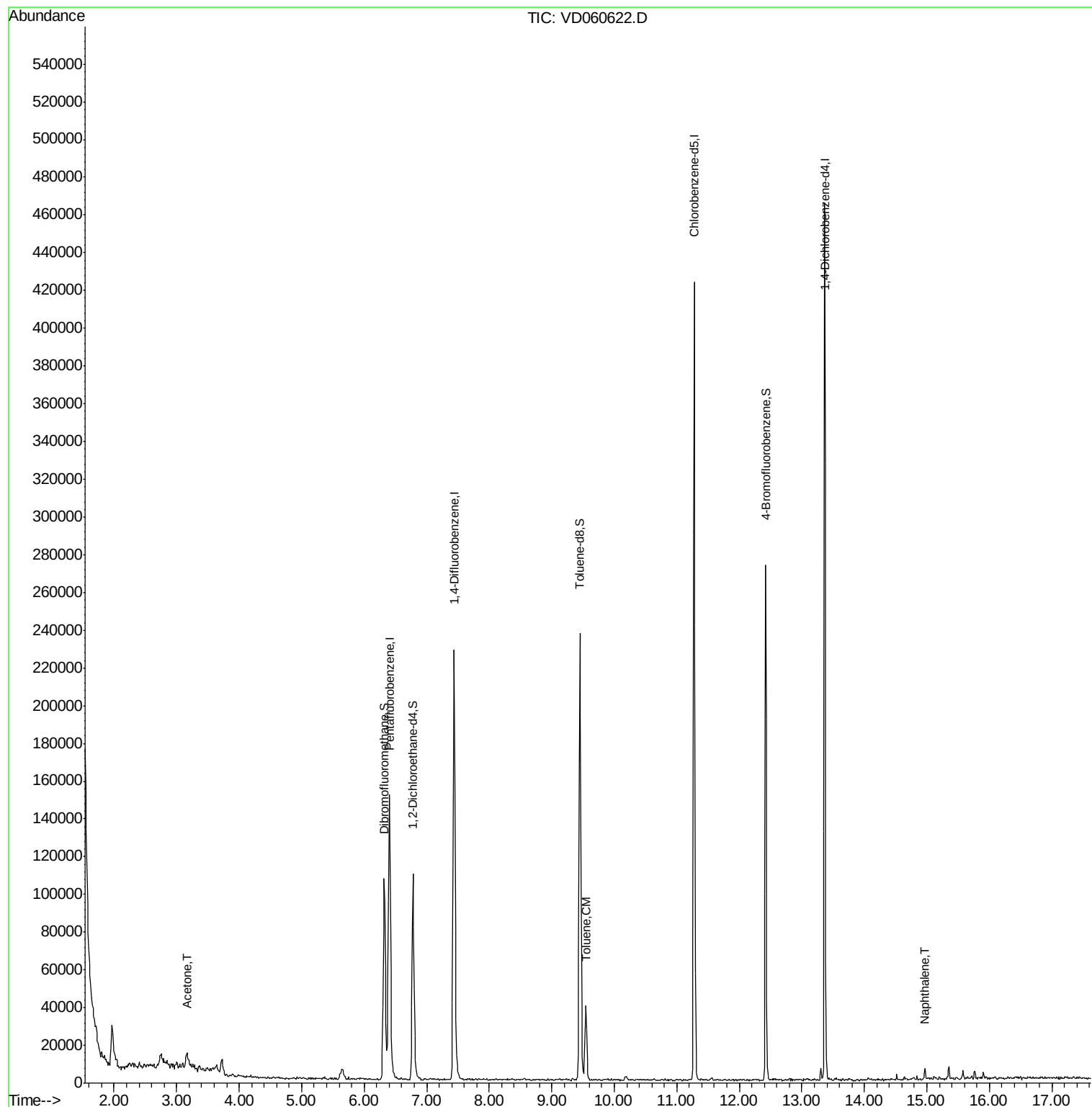
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	151522	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.44	114	239854	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	217368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	103988	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	85940	80.02	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	160.04%	
35) Dibromofluoromethane	6.32	113	82893	47.05	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	94.10%	
50) Toluene-d8	9.45	98	185583	36.40	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	72.80%	
62) 4-Bromofluorobenzene	12.42	95	74280	40.72	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	81.44%	
Target Compounds						
16) Acetone	3.16	43	15177	88.161	ug/l	99
52) Toluene	9.55	92	21787	5.818	ug/l	88
95) Naphthalene	14.97	128	4846	1.821	ug/l #	96

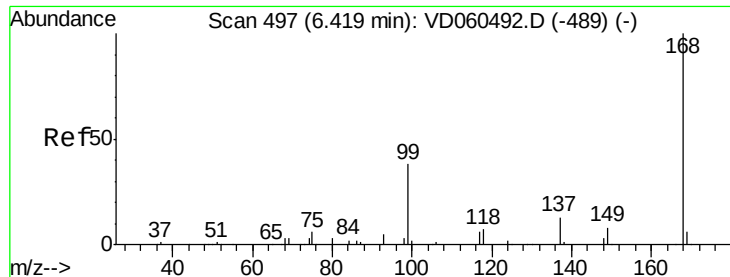
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121818\
Data File : VD060622.D
Acq On : 18 Dec 2018 15:42
Operator : VA/AP
Sample : J6464-04
Misc : 5.06g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VB16202

Quant Time: Dec 19 03:06:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.01 min

Lab File: VD060622.D

Acq: 18 Dec 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

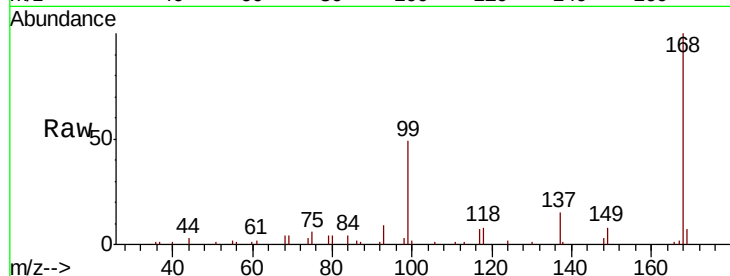
VB16202

Tot Ion:168 Resp: 151522

Ion Ratio Lower Upper

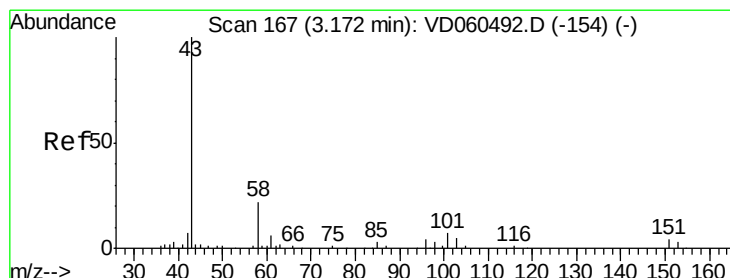
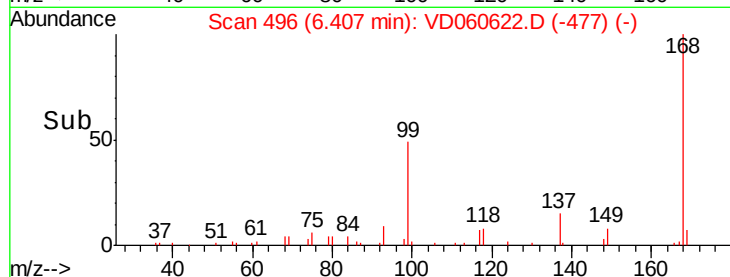
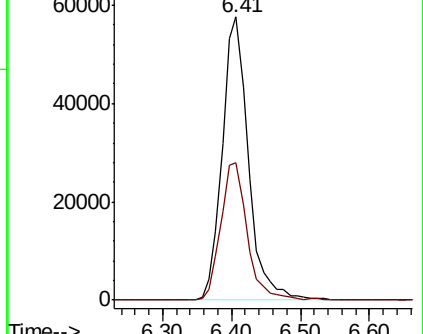
168 100

99 48.7 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 88.161 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060622.D

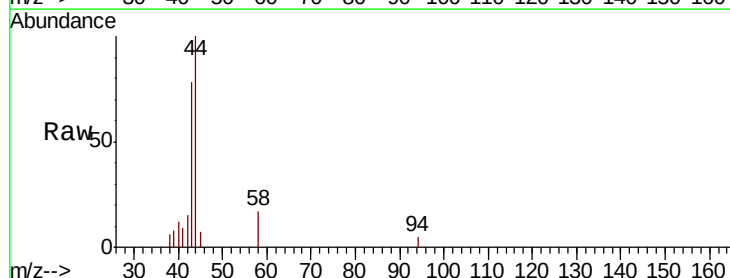
Acq: 18 Dec 2018 15:42

Tgt Ion: 43 Resp: 15177

Ion Ratio Lower Upper

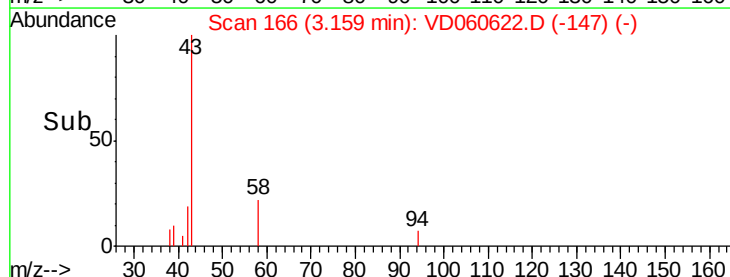
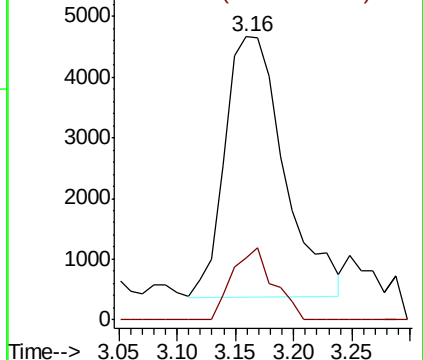
43 100

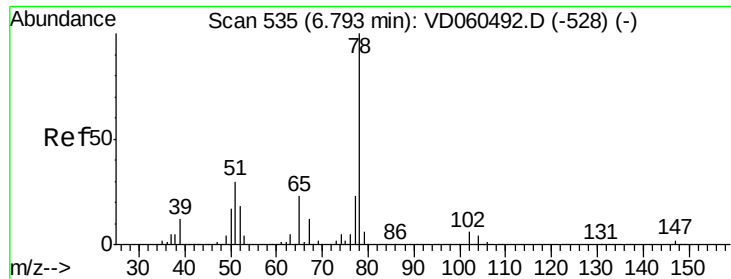
58 22.1 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. -0.01 min

Lab File: VD060622.D

Acq: 18 Dec 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

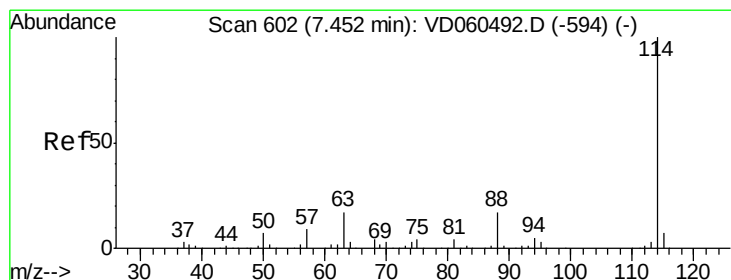
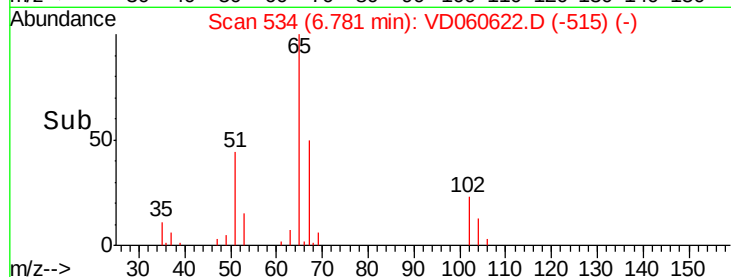
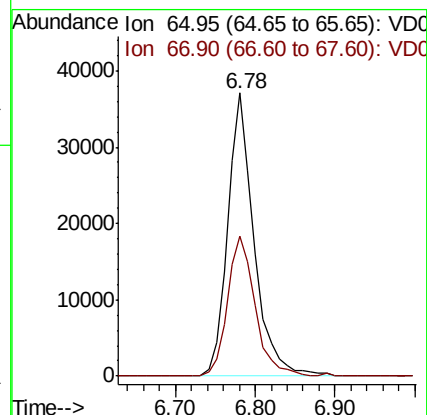
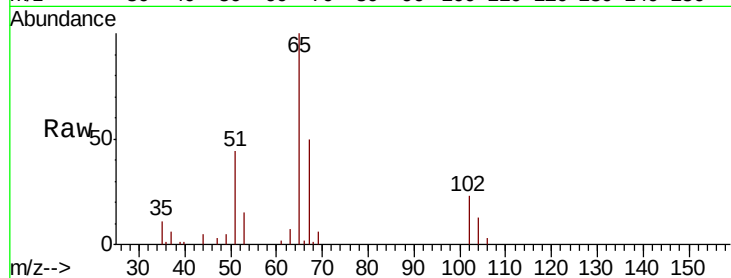
VB16202

Tot Ion: 65 Resp: 85940

Ion Ratio Lower Upper

65 100

67 49.7 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.44 min Scan# 601

Delta R.T. -0.01 min

Lab File: VD060622.D

Acq: 18 Dec 2018 15:42

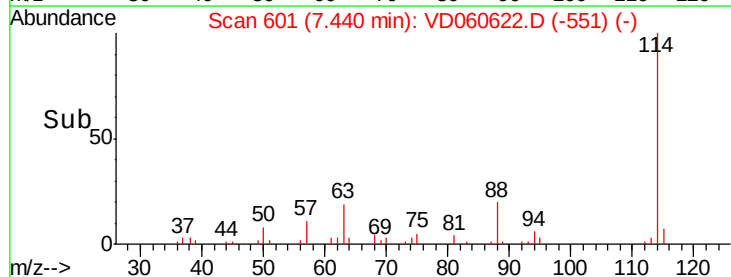
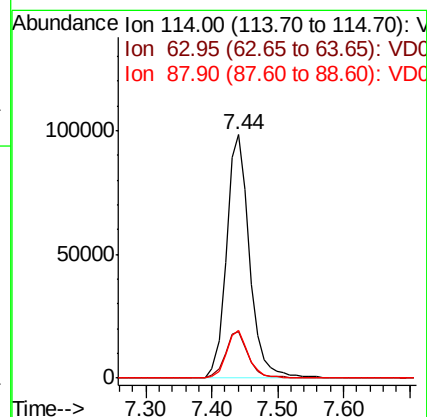
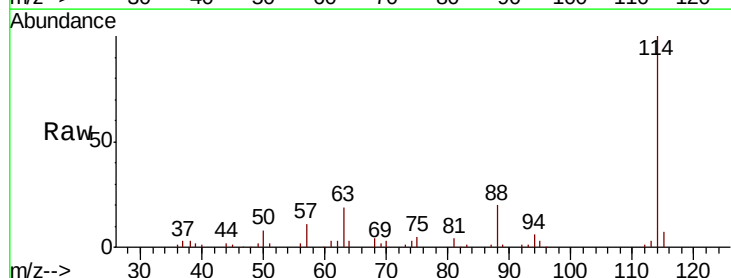
Tgt Ion: 114 Resp: 239854

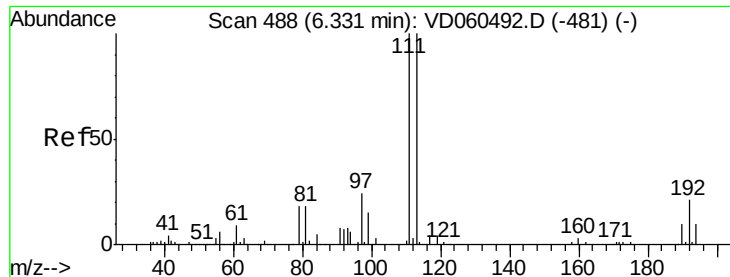
Ion Ratio Lower Upper

114 100

63 19.1 0.0 34.2

88 19.8 0.0 35.0

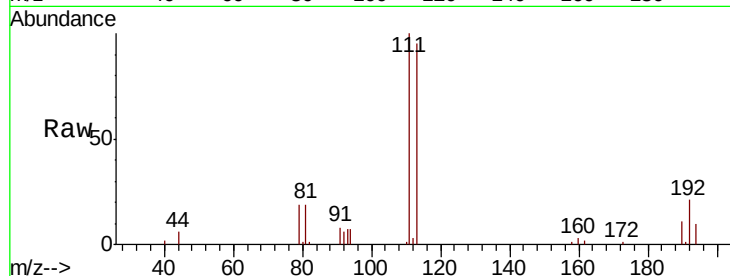




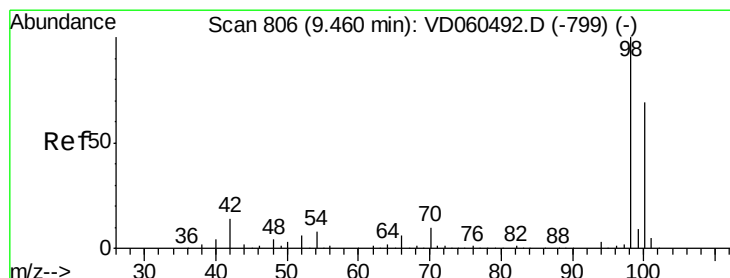
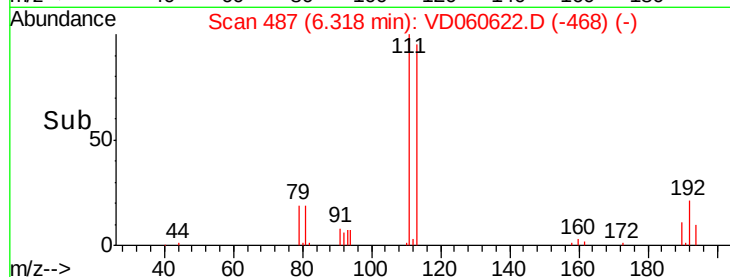
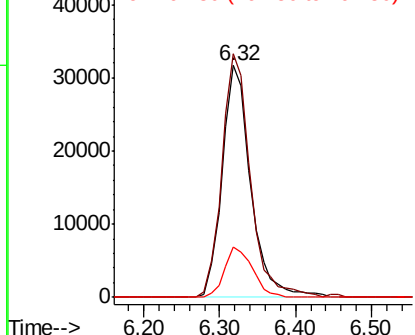
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 487
Delta R.T. -0.01 min
Lab File: VD060622.D
Acq: 18 Dec 2018 15:42

Instrument :
MSVOA_D
ClientSampleId :
VB16202

Tot Ion:113 Resp: 82893
Ion Ratio Lower Upper
113 100
111 104.9 80.2 120.4
192 21.6 16.6 24.8

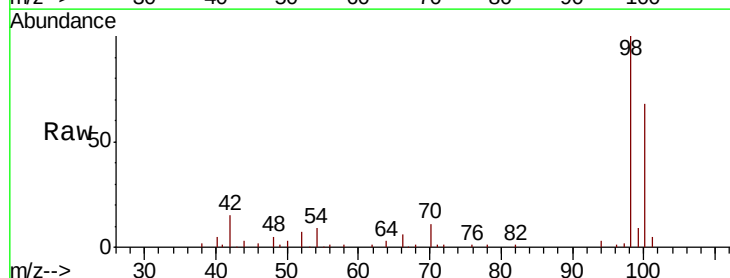


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

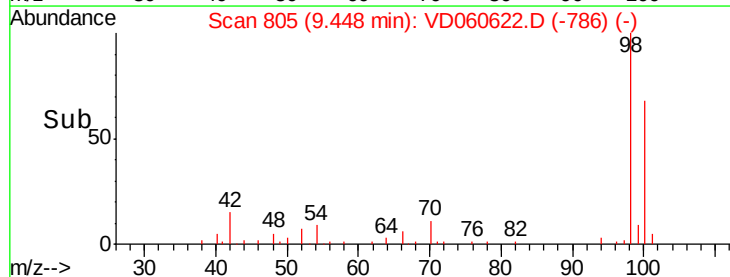
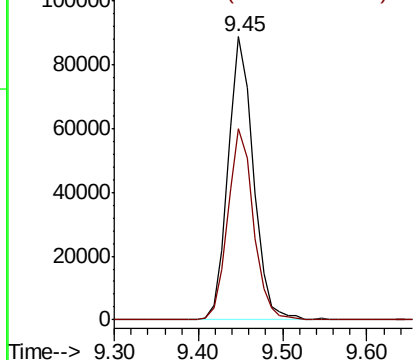


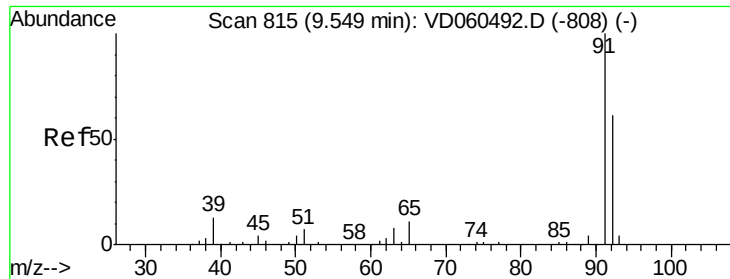
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. -0.01 min
Lab File: VD060622.D
Acq: 18 Dec 2018 15:42

Tgt Ion: 98 Resp: 185583
Ion Ratio Lower Upper
98 100
100 67.8 55.7 83.5



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





#52

Toluene

Concen: 5.818 ug/l

RT: 9.55 min Scan# 815

Delta R.T. -0.00 min

Lab File: VD060622.D

Acq: 18 Dec 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

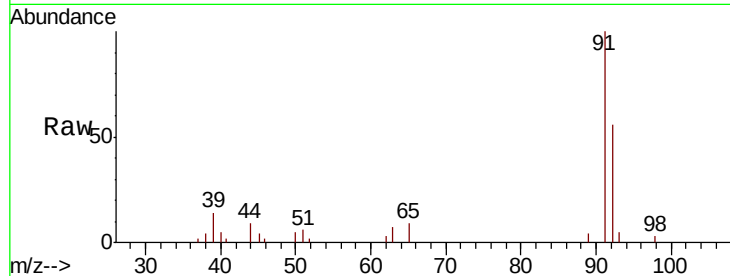
VB16202

Tot Ion: 92 Resp: 21787

Ion Ratio Lower Upper

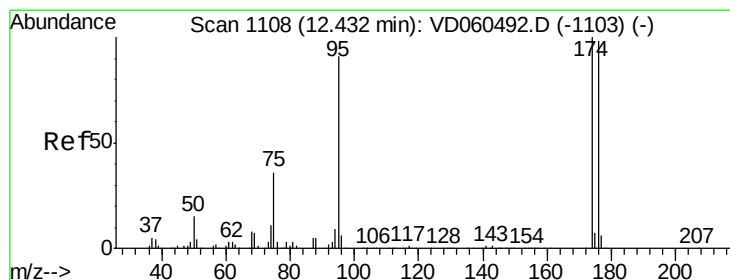
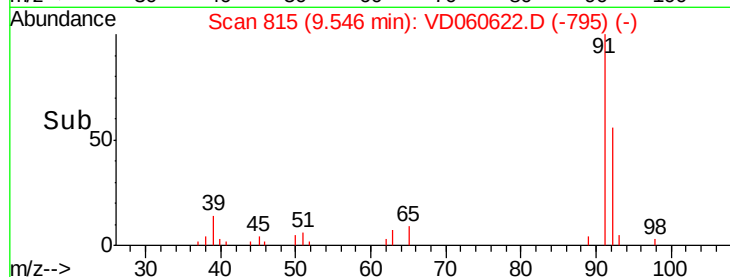
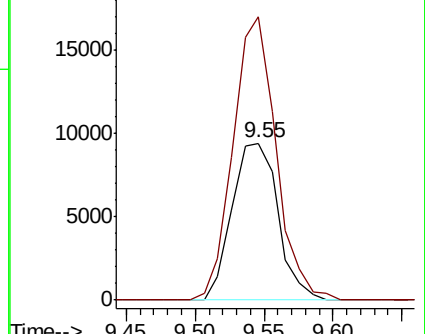
92 100

91 180.2 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VD060622.D

Acq: 18 Dec 2018 15:42

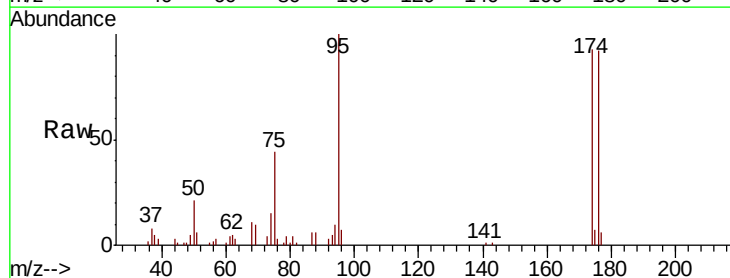
Tgt Ion: 95 Resp: 74280

Ion Ratio Lower Upper

95 100

174 93.2 0.0 219.4

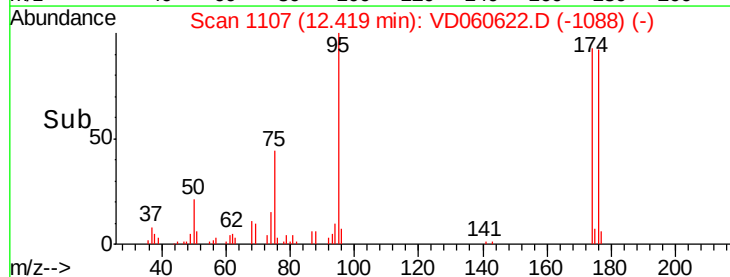
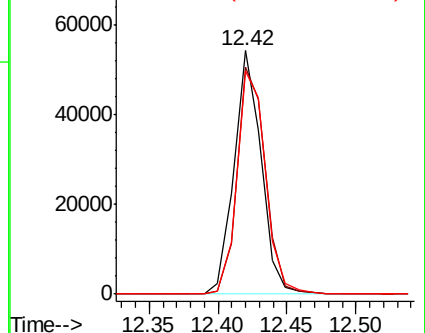
176 91.6 0.0 214.6

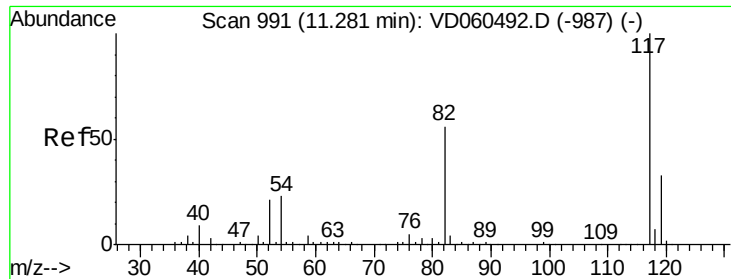


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

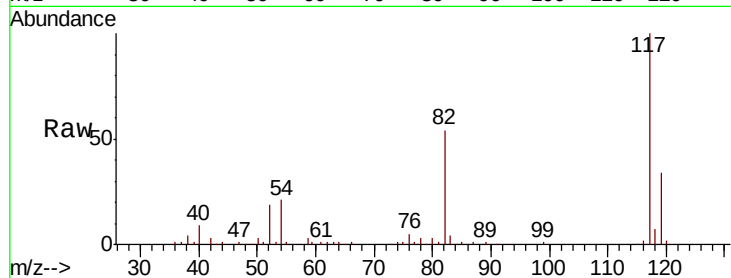




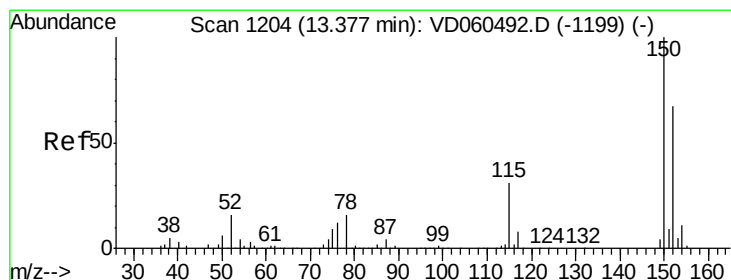
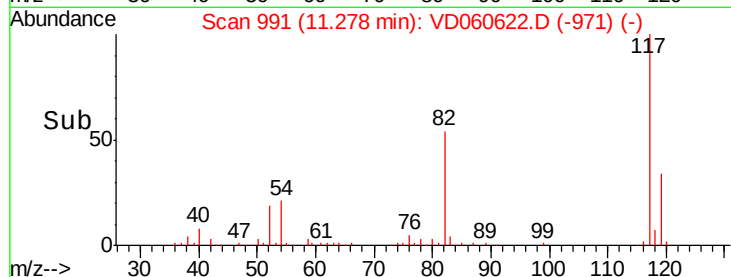
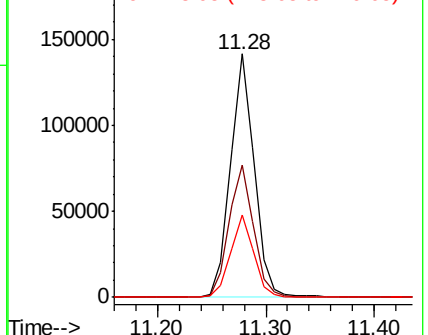
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.00 min
Lab File: VD060622.D
Acq: 18 Dec 2018 15:42

Instrument :
MSVOA_D
ClientSampleId :
VB16202

Tot Ion:117 Resp: 217368
Ion Ratio Lower Upper
117 100
82 54.4 45.2 67.8
119 33.6 26.1 39.1

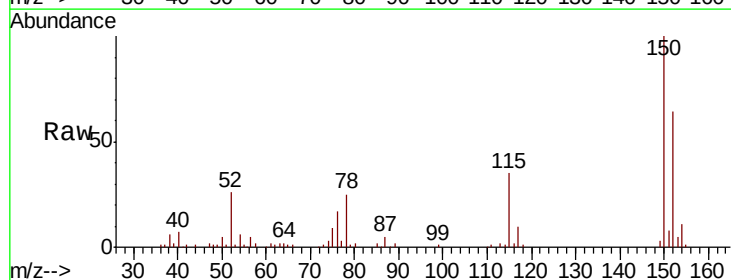


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

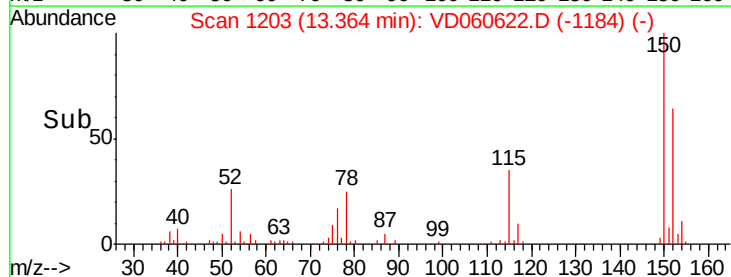
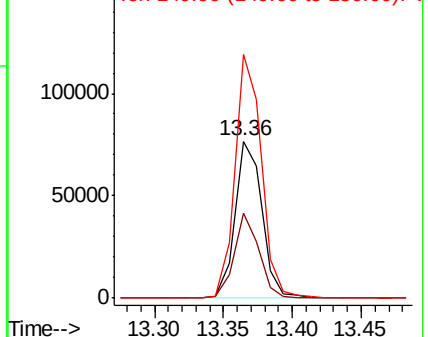


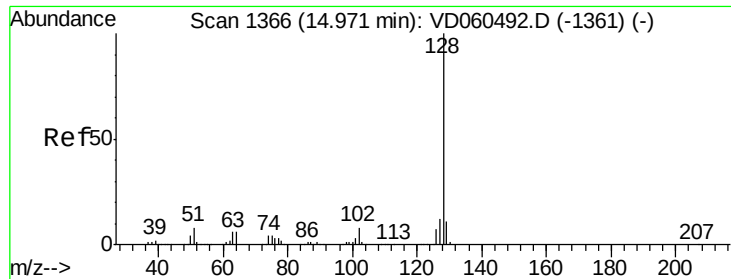
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD060622.D
Acq: 18 Dec 2018 15:42

Tgt Ion:152 Resp: 103988
Ion Ratio Lower Upper
152 100
115 54.3 24.6 74.0
150 155.4 0.0 309.0



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: 1.821 ug/l

RT: 14.97 min Scan# 1366

Delta R.T. -0.00 min

Lab File: VD060622.D

Acq: 18 Dec 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

VB16202

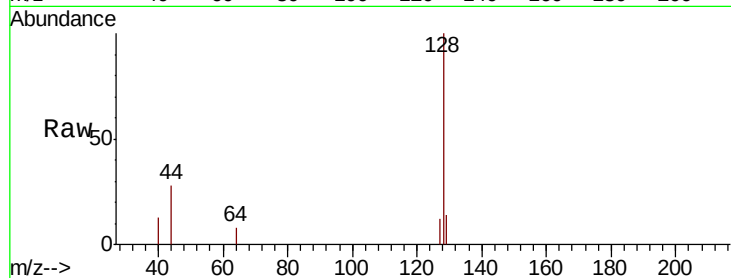
Tot Ion:128 Resp: 4846

Ion Ratio Lower Upper

128 100

127 12.2 9.8 14.8

129 13.9 8.6 13.0#



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

