

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120618\
 Data File : VD060504.D
 Acq On : 6 Dec 2018 14:39
 Operator : VA/AP
 Sample : J6199-03
 Misc : 7.39g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-120518-B

Quant Time: Dec 07 04:00:52 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

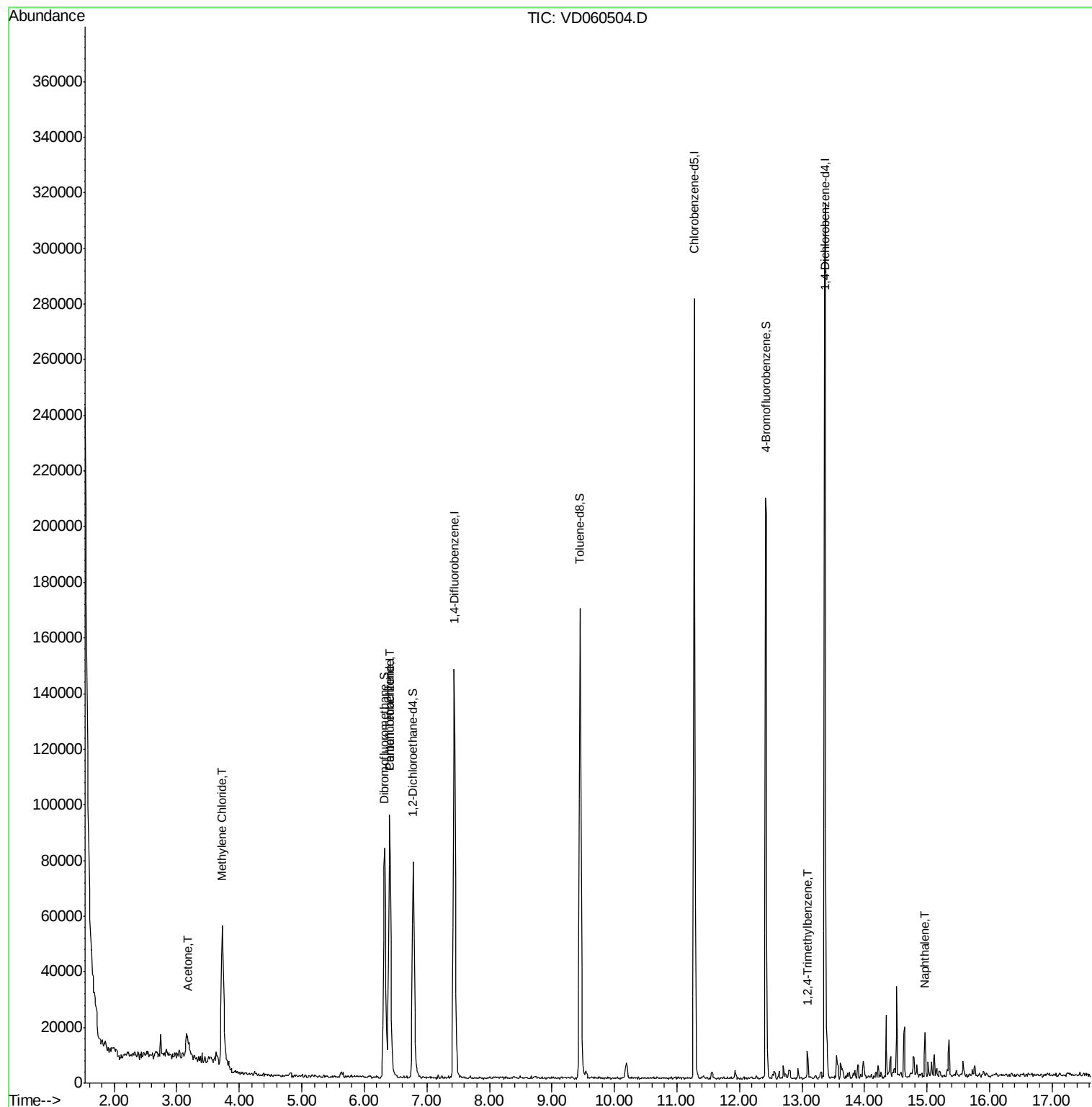
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	95005	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.44	114	155786	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	144097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	79052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	69928	103.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	207.68%	
35) Dibromofluoromethane	6.33	113	68365	59.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.50%	
50) Toluene-d8	9.45	98	138876	41.94	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	83.88%	
62) 4-Bromofluorobenzene	12.42	95	63366	53.48	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.96%	
Target Compounds						
16) Acetone	3.18	43	19341	179.184	ug/l	92
20) Methylene Chloride	3.73	84	33268	31.953	ug/l	98
38) Carbon Tetrachloride	6.41	117	6692	4.895	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.09	105	5613	1.268	ug/l	95
95) Naphthalene	14.97	128	9808	4.847	ug/l	99

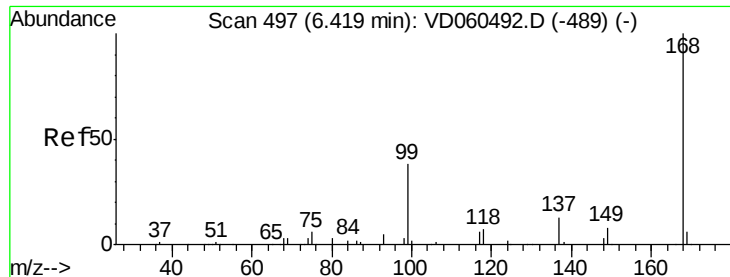
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120618\
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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: 6.40 min Scan# 496

Delta R.T. -0.01 min

Lab File: VD060504.D

Acq: 6 Dec 2018 14:39

Instrument :

MSVOA_D

ClientSampleId :

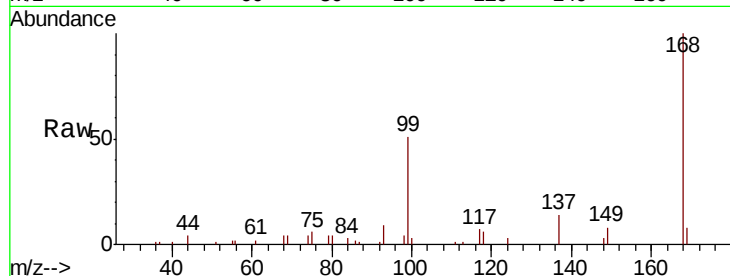
SU-01-120518-B

Tot Ion:168 Resp: 95005

Ion Ratio Lower Upper

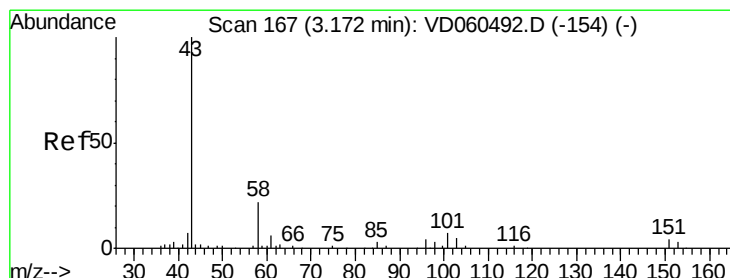
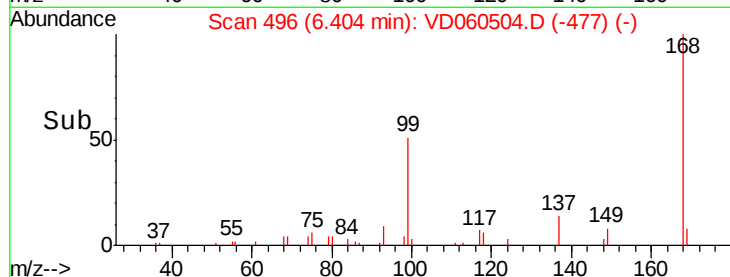
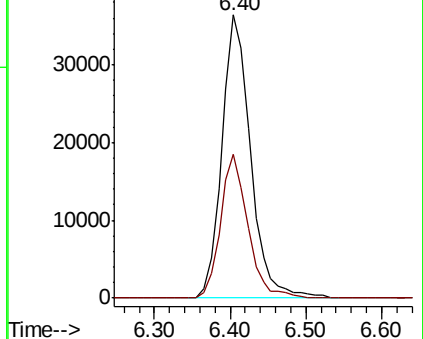
168 100

99 51.0 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: 179.184 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.00 min

Lab File: VD060504.D

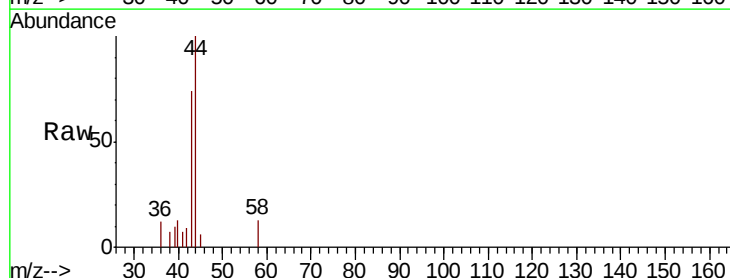
Acq: 6 Dec 2018 14:39

Tgt Ion: 43 Resp: 19341

Ion Ratio Lower Upper

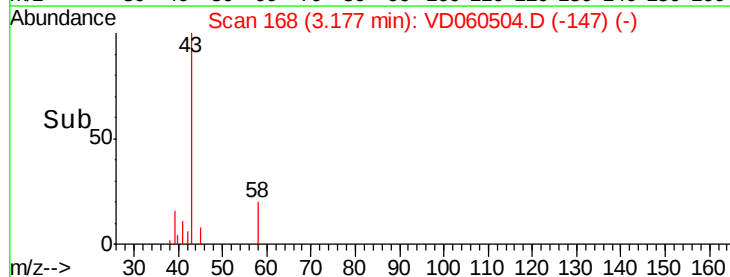
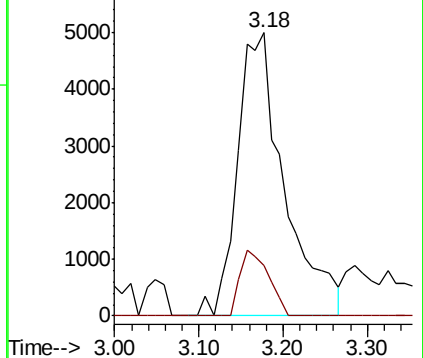
43 100

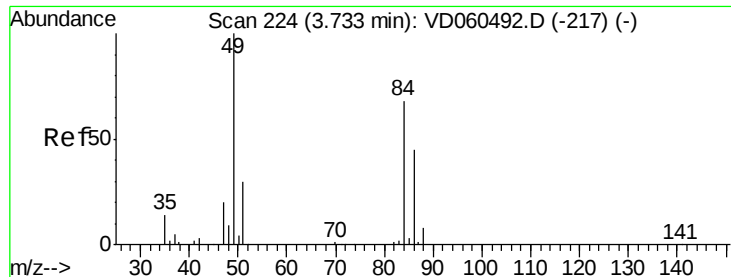
58 17.9 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

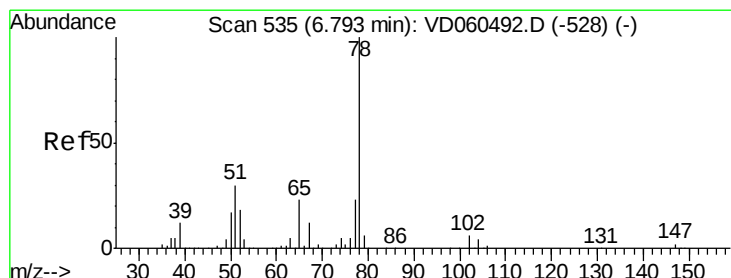
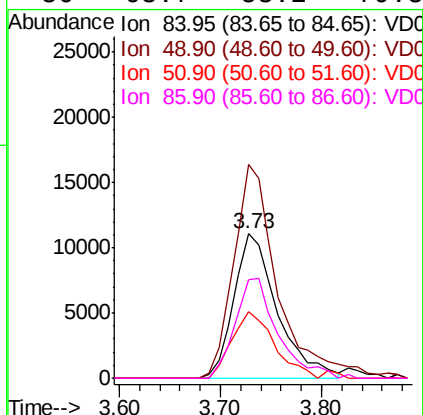
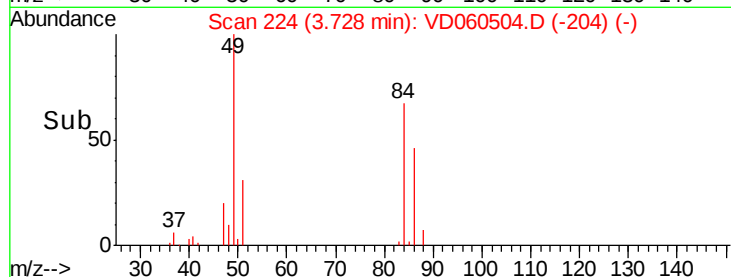
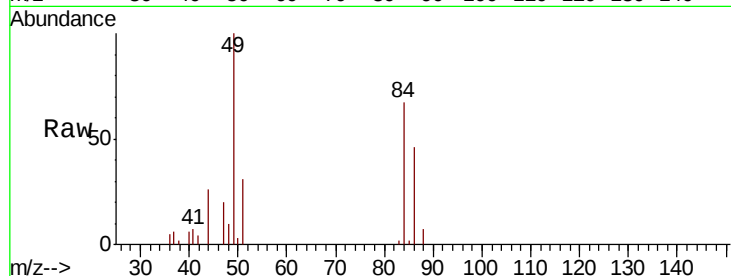




#20
Methvlene Chloride
Concen: 31.953 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060504.D
Acq: 6 Dec 2018 14:39

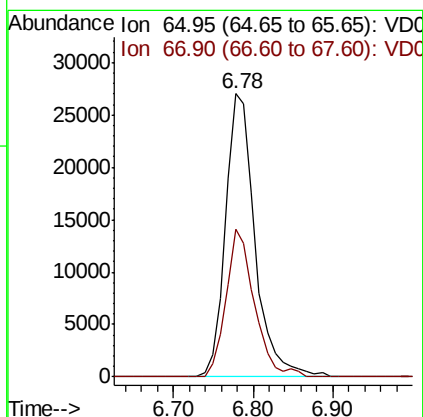
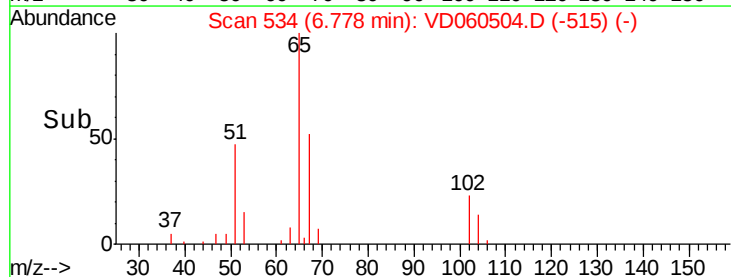
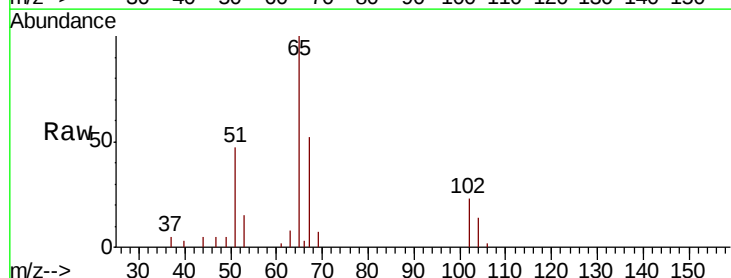
Instrument :
MSVOA_D
ClientSampleId :
SU-01-120518-B

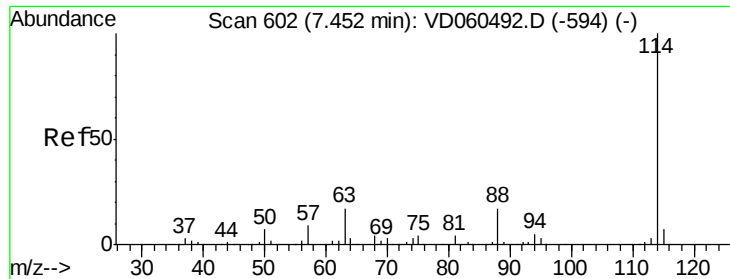
Tot Ion: 84 Resp: 33268
Ion Ratio Lower Upper
84 100
49 148.2 117.2 175.8
51 46.4 35.3 52.9
86 68.7 53.2 79.8



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. -0.01 min
Lab File: VD060504.D
Acq: 6 Dec 2018 14:39

Tgt Ion: 65 Resp: 69928
Ion Ratio Lower Upper
65 100
67 52.1 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: VD060504.D

Acq: 6 Dec 2018 14:39

Instrument :

MSVOA_D

ClientSampleId :

SU-01-120518-B

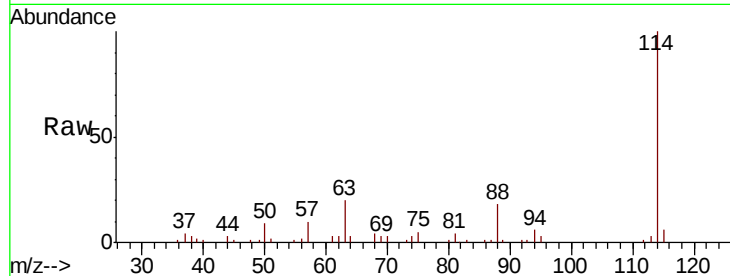
Tot Ion:114 Resp: 155786

Ion Ratio Lower Upper

114 100

63 19.6 0.0 34.2

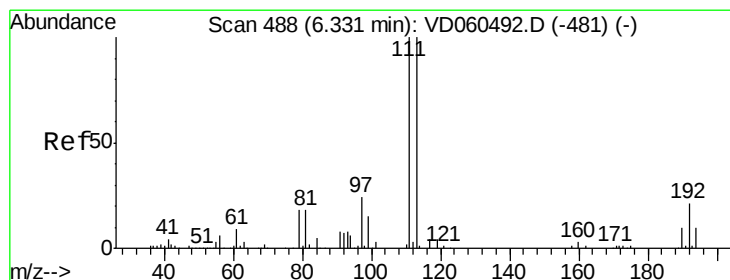
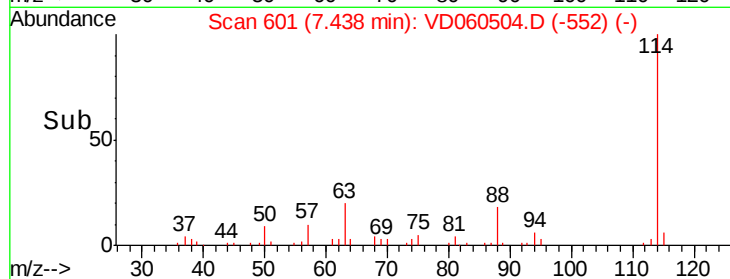
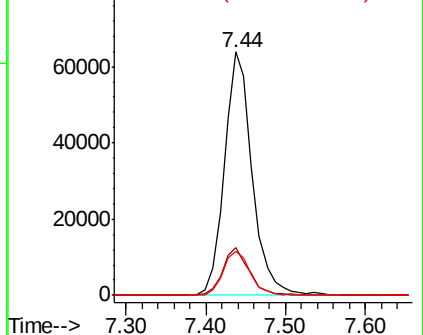
88 18.1 0.0 35.0



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: 50.000 ug/l

RT: 6.33 min Scan# 488

Delta R.T. -0.00 min

Lab File: VD060504.D

Acq: 6 Dec 2018 14:39

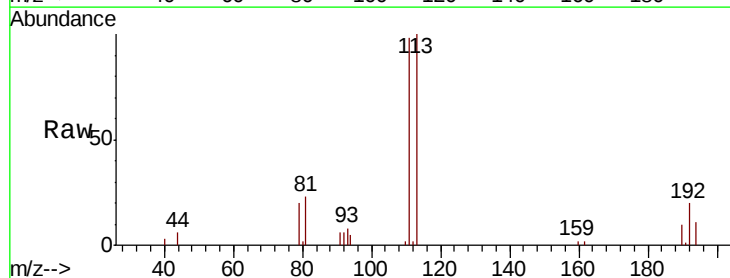
Tgt Ion:113 Resp: 68365

Ion Ratio Lower Upper

113 100

111 98.0 80.2 120.4

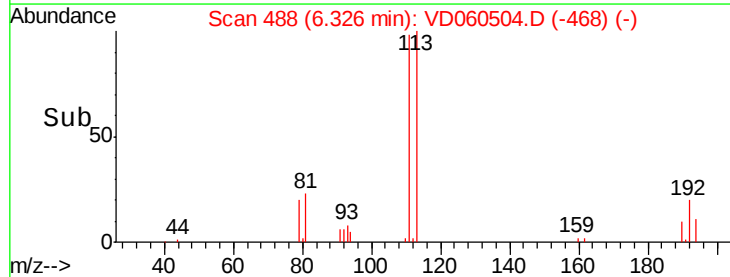
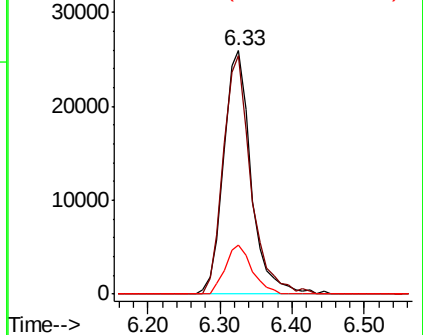
192 20.3 16.6 24.8

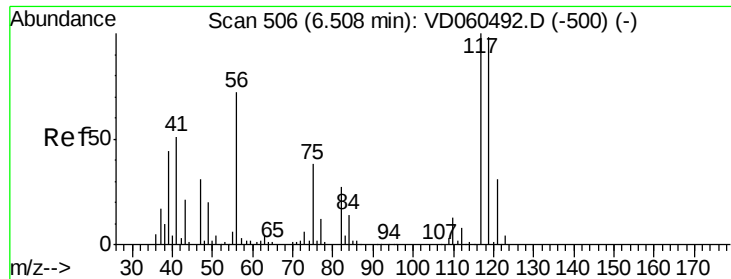


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#38

Carbon Tetrachloride

Concen: 4.895 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.09 min

Lab File: VD060504.D

Acq: 6 Dec 2018 14:39

Instrument :

MSVOA_D

ClientSampleId :

SU-01-120518-B

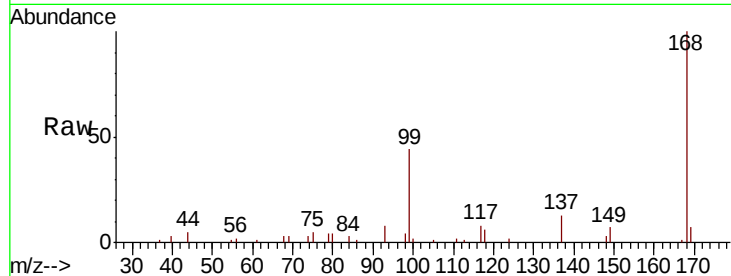
Tot Ion:117 Resp: 6692

Ion Ratio Lower Upper

117 100

119 0.0 76.8 115.2#

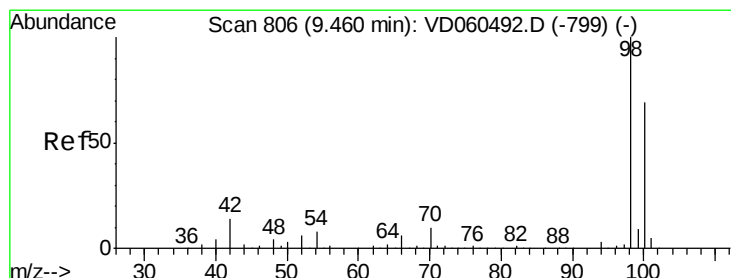
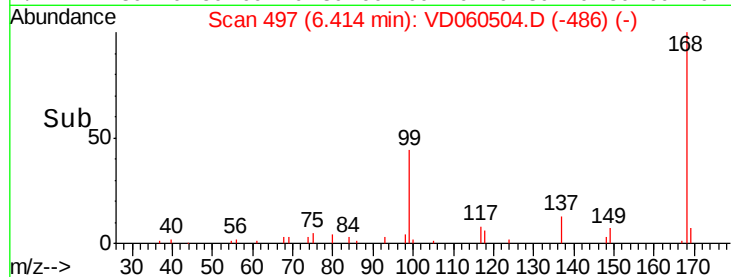
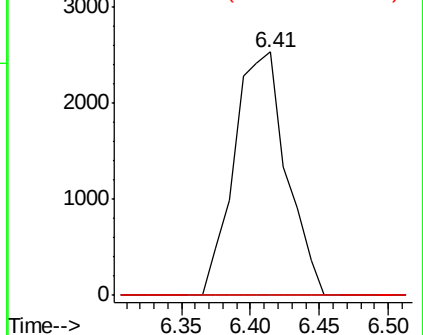
121 0.0 24.4 36.6#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 805

Delta R.T. -0.01 min

Lab File: VD060504.D

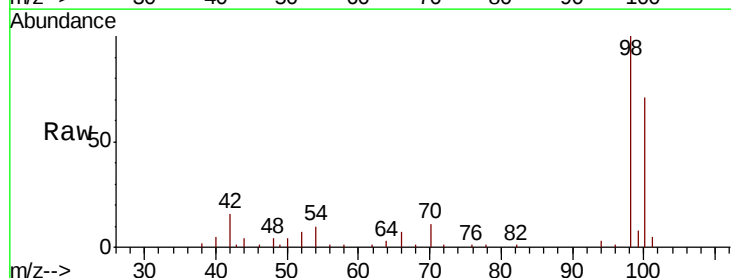
Acq: 6 Dec 2018 14:39

Tgt Ion: 98 Resp: 138876

Ion Ratio Lower Upper

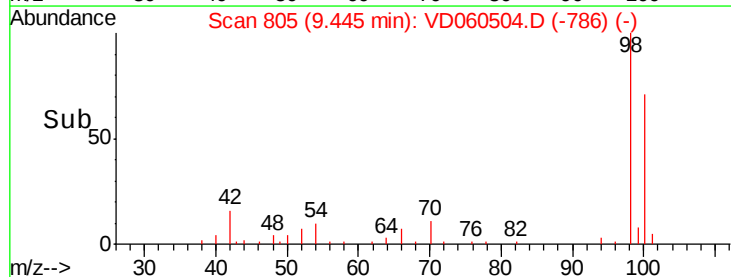
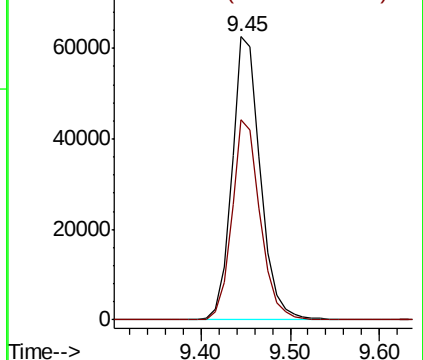
98 100

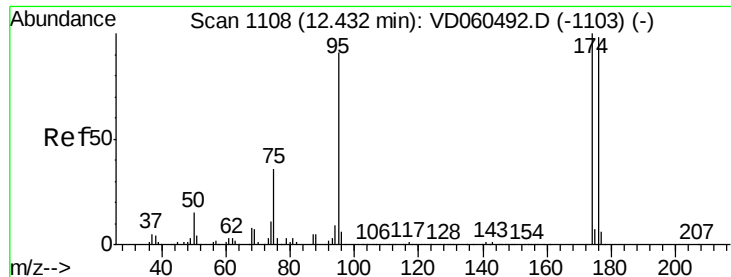
100 70.8 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VD060504.D

Acq: 6 Dec 2018 14:39

Instrument :

MSVOA_D

ClientSampleId :

SU-01-120518-B

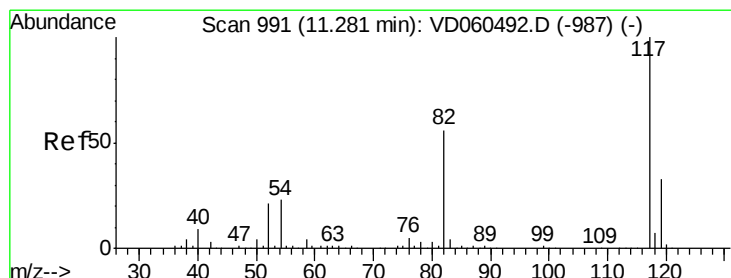
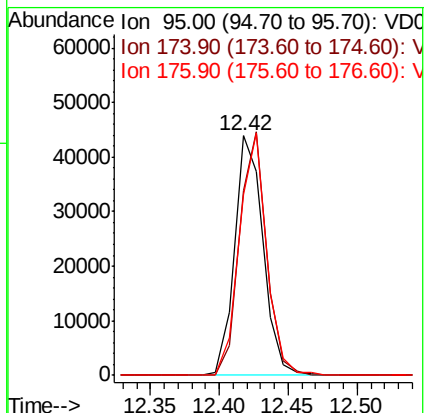
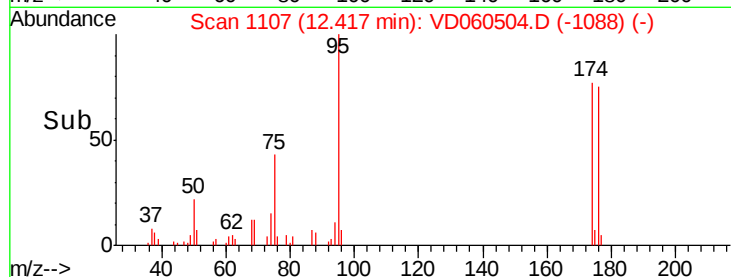
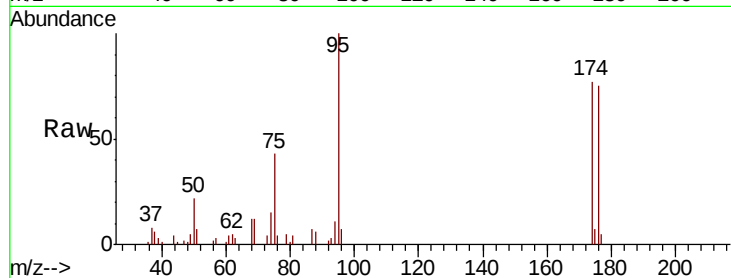
Tot Ion: 95 Resp: 63366

Ion Ratio Lower Upper

95 100

174 77.3 0.0 219.4

176 75.4 0.0 214.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.28 min Scan# 991

Delta R.T. -0.00 min

Lab File: VD060504.D

Acq: 6 Dec 2018 14:39

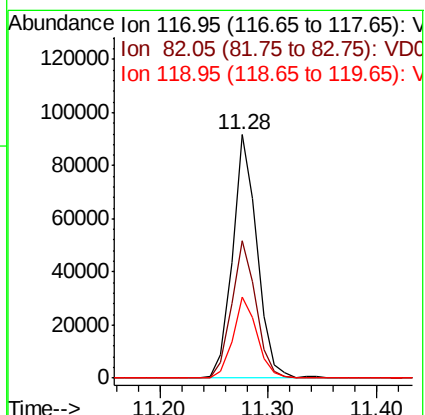
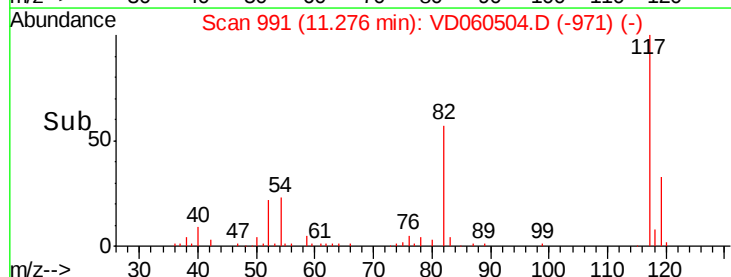
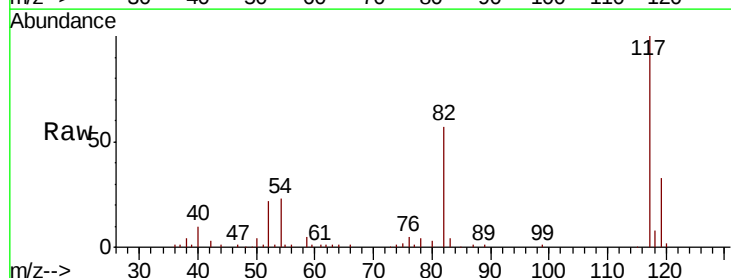
Tgt Ion: 117 Resp: 144097

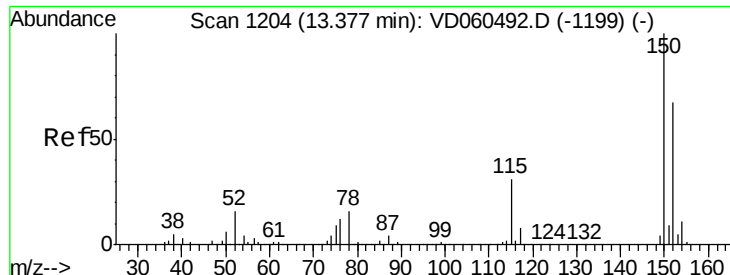
Ion Ratio Lower Upper

117 100

82 56.5 45.2 67.8

119 33.4 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VD060504.D

Acq: 6 Dec 2018 14:39

Instrument :

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ClientSampleId :

SU-01-120518-B

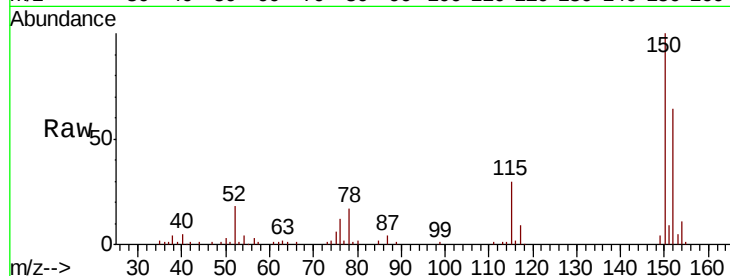
Tot Ion:152 Resp: 79052

Ion Ratio Lower Upper

152 100

115 47.5 24.6 74.0

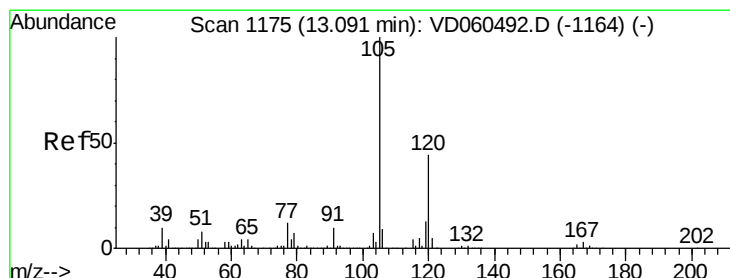
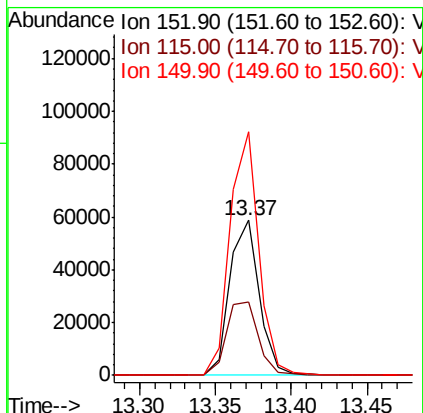
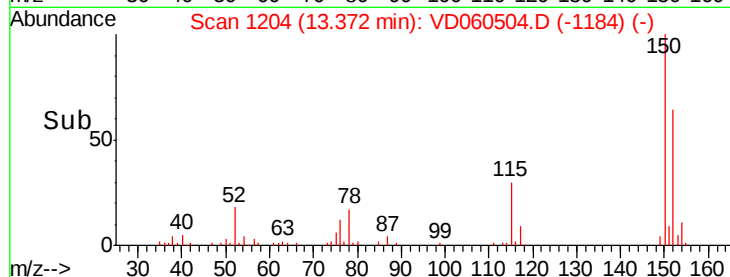
150 157.0 0.0 309.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.268 ug/l

RT: 13.09 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VD060504.D

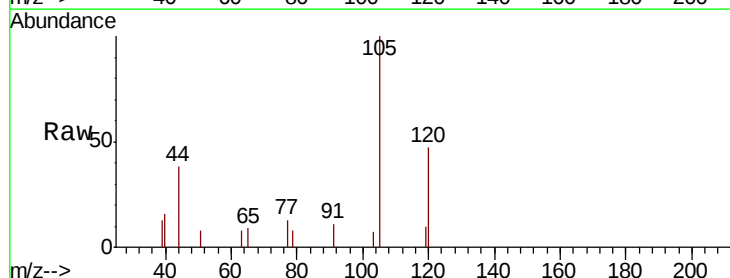
Acq: 6 Dec 2018 14:39

Tgt Ion:105 Resp: 5613

Ion Ratio Lower Upper

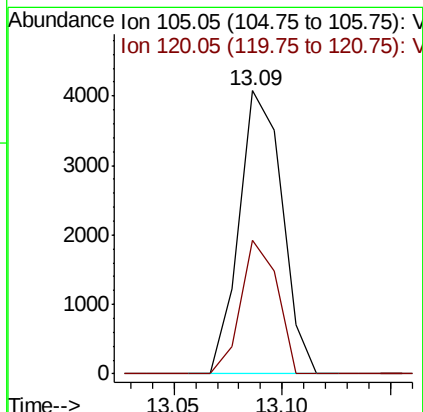
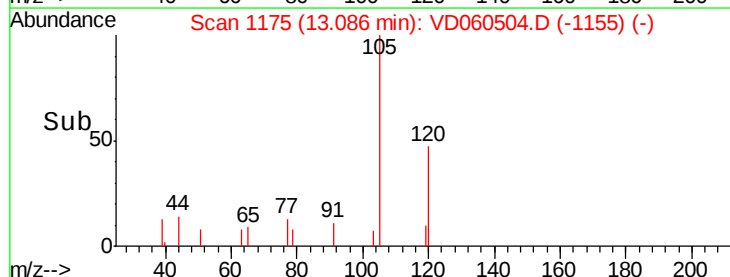
105 100

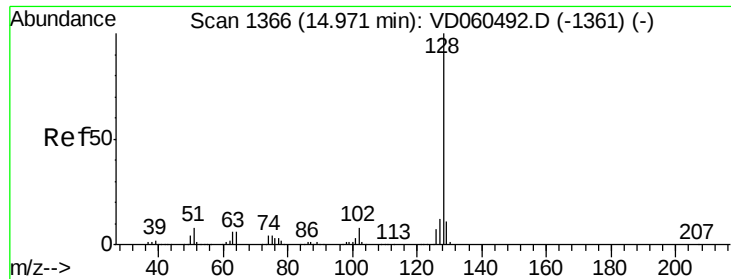
120 47.4 22.3 66.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

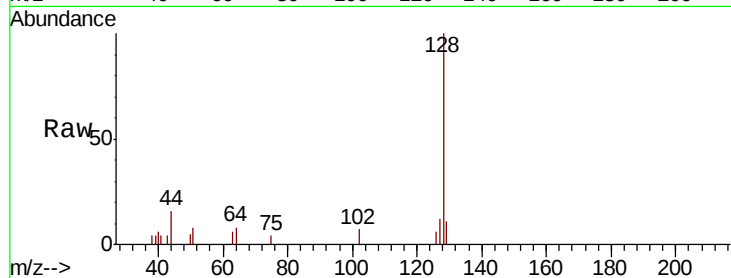




#95
Naphthalene
Concen: 4.847 ug/l
RT: 14.97 min Scan# 1366
Delta R.T. -0.00 min
Lab File: VD060504.D
Acq: 6 Dec 2018 14:39

Instrument :
MSVOA_D
ClientSampleId :
SU-01-120518-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.6	9.8	14.8
129	10.8	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

