

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120618\
 Data File : VD060507.D
 Acq On : 6 Dec 2018 16:04
 Operator : VA/AP
 Sample : J6199-01
 Misc : 6.68g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Dec 07 04:10:07 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

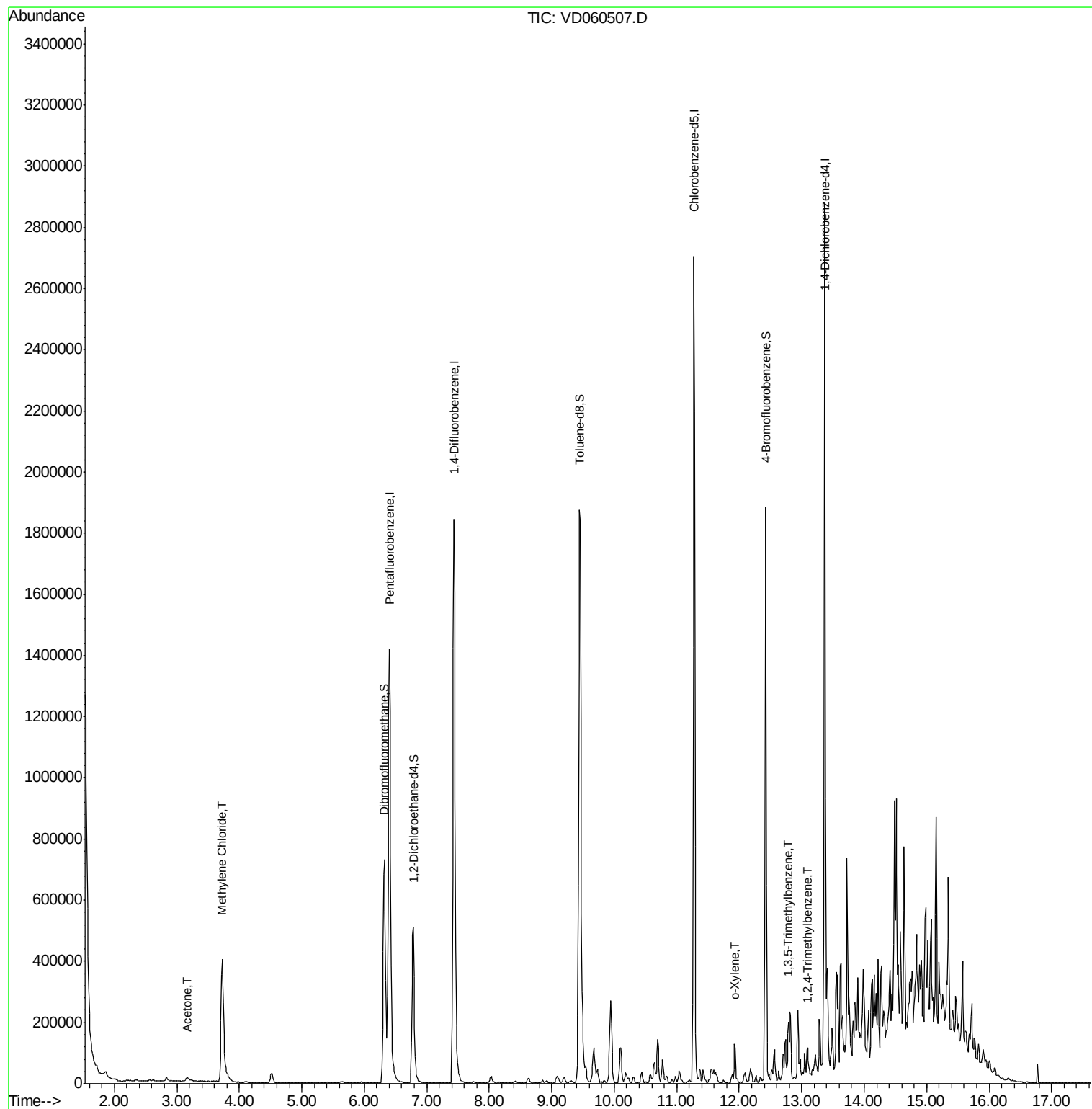
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1425554	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	1989887	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1508326	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	676264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	445312	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
35) Dibromofluoromethane	6.32	113	613088	41.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.90%	
50) Toluene-d8	9.45	98	1489282	35.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.42%	
62) 4-Bromofluorobenzene	12.43	95	555901	36.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.46%	
Target Compounds						
16) Acetone	3.17	43	31778	19.621	ug/l	92
20) Methylene Chloride	3.73	84	279062	15.696	ug/l	97
69) o-Xylene	11.92	106	26562	1.384	ug/l	83
80) 1,3,5-Trimethylbenzene	12.79	105	68355	1.869	ug/l	98
84) 1,2,4-Trimethylbenzene	13.08	105	38597	1.019	ug/l	93

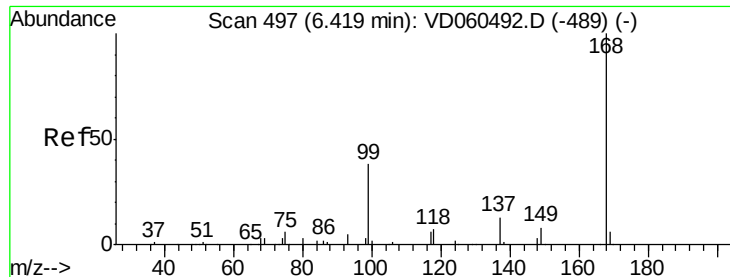
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120618\
Data File : VD060507.D
Acq On : 6 Dec 2018 16:04
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Quant Time: Dec 07 04:10:07 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: 6.40 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060507.D

Acq: 6 Dec 2018 16:04

Instrument :

MSVOA_D

ClientSampleId :

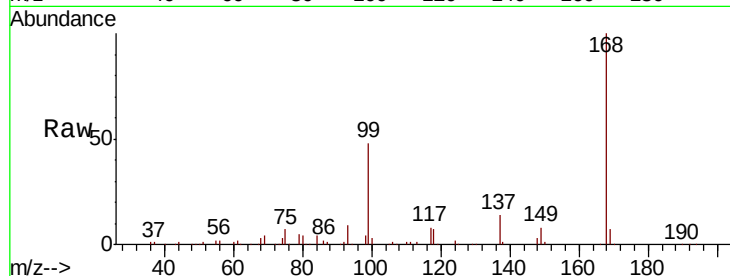
SU-01-120518-A

Tot Ion:168 Resp: 1425554

Ion Ratio Lower Upper

168 100

99 48.3 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

500000

400000

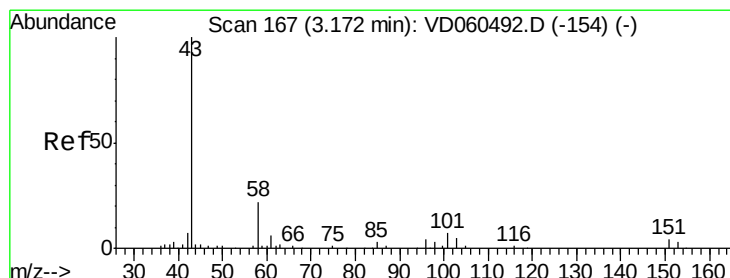
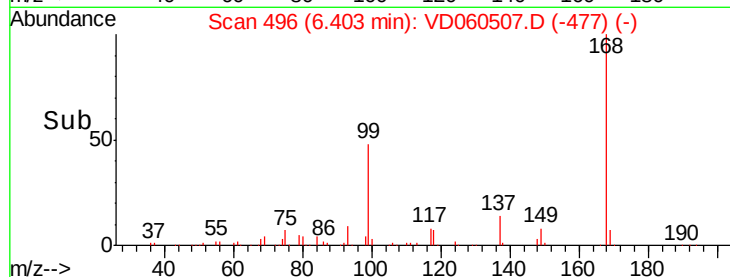
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 19.621 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.01 min

Lab File: VD060507.D

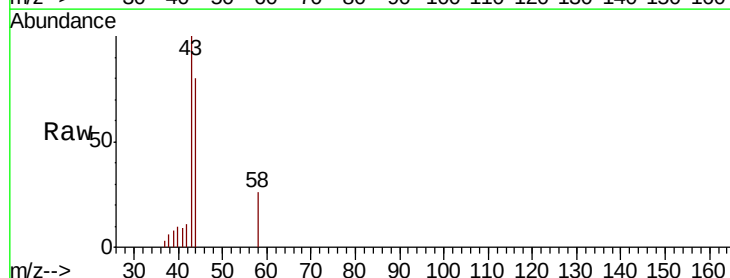
Acq: 6 Dec 2018 16:04

Tgt Ion: 43 Resp: 31778

Ion Ratio Lower Upper

43 100

58 25.5 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10000

8000

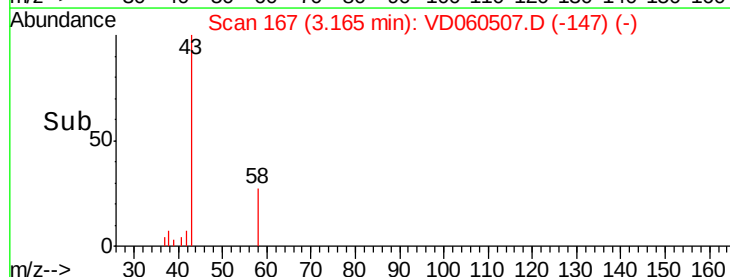
6000

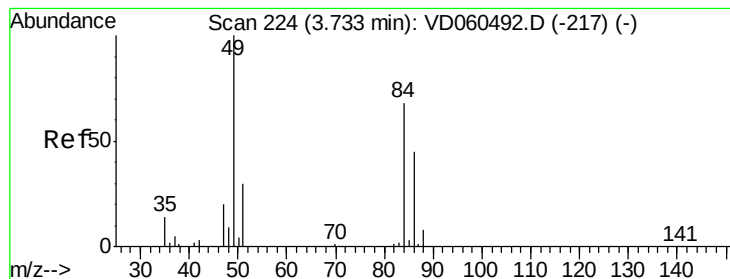
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 15.696 ug/l

RT: 3.73 min Scan# 224

Delta R.T. -0.01 min

Lab File: VD060507.D

Acq: 6 Dec 2018 16:04

Instrument :

MSVOA_D

ClientSampleId :

SU-01-120518-A

Tot Ion: 84 Resp: 279062

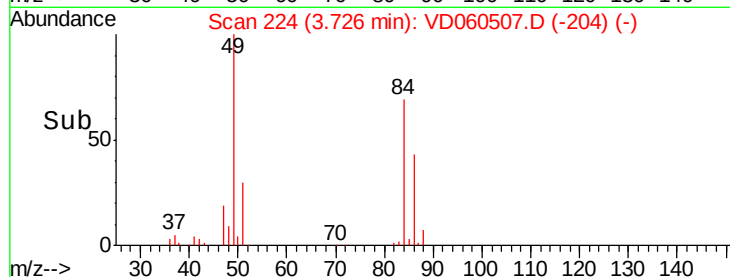
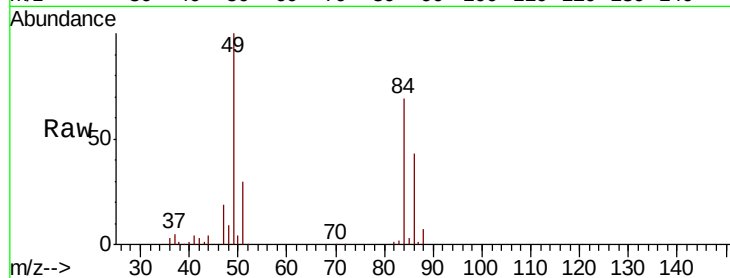
Ion Ratio Lower Upper

84 100

49 144.9 117.2 175.8

51 42.9 35.3 52.9

86 61.9 53.2 79.8

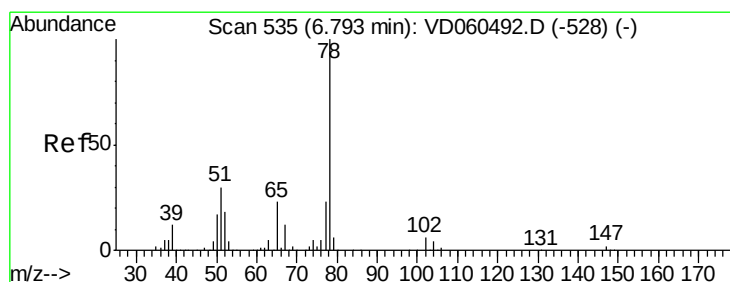
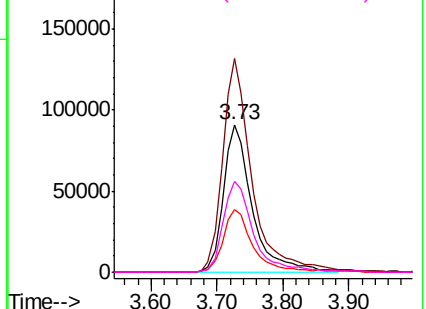


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: N.D. ug/l

RT: 6.79 min Scan# 535

Delta R.T. -0.01 min

Lab File: VD060507.D

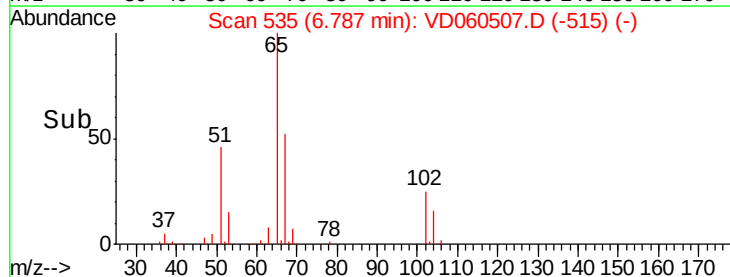
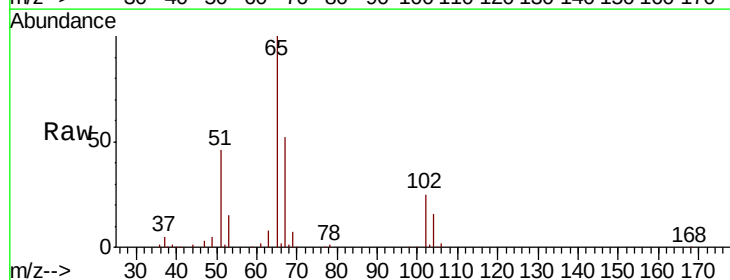
Acq: 6 Dec 2018 16:04

Tgt Ion: 65 Resp: 445312

Ion Ratio Lower Upper

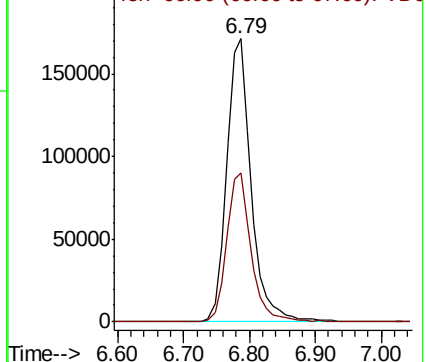
65 100

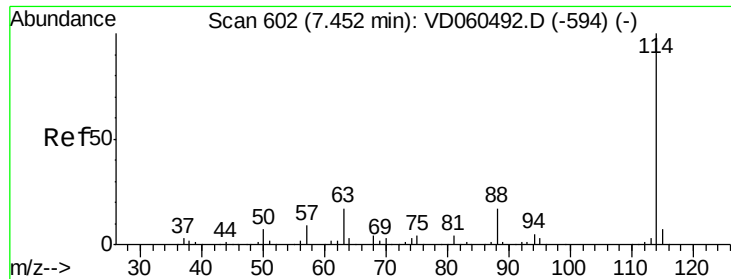
67 52.4 0.0 106.8



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: 7.44 min Scan# 601

Delta R.T. -0.02 min

Lab File: VD060507.D

Acq: 6 Dec 2018 16:04

Instrument :

MSVOA_D

ClientSampleId :

SU-01-120518-A

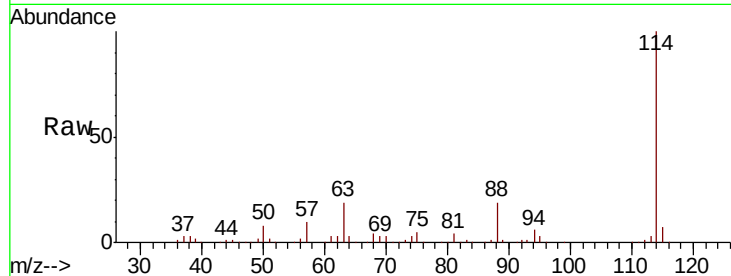
Tot Ion:114 Resp: 1989887

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.2

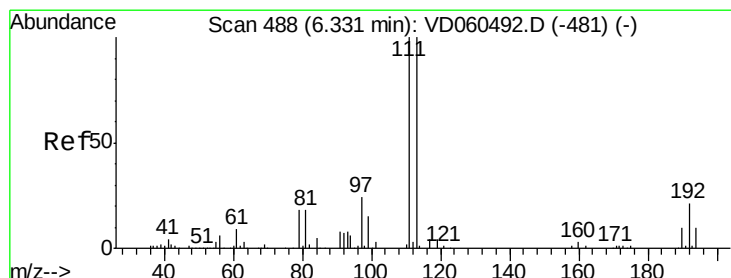
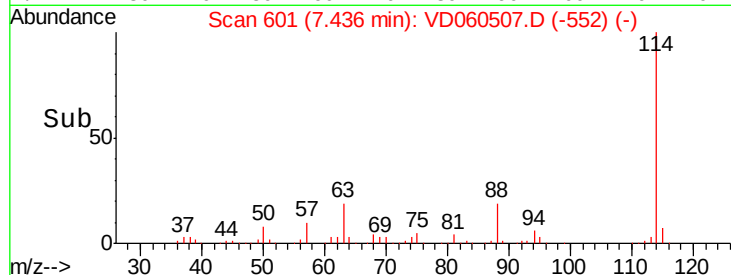
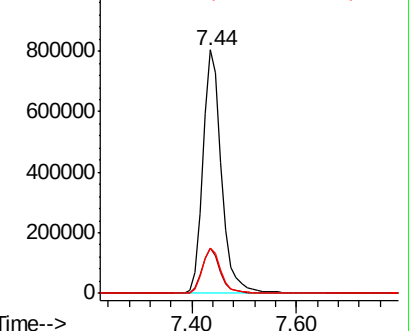
88 18.6 0.0 35.0



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: 6.32 min Scan# 488

Delta R.T. -0.01 min

Lab File: VD060507.D

Acq: 6 Dec 2018 16:04

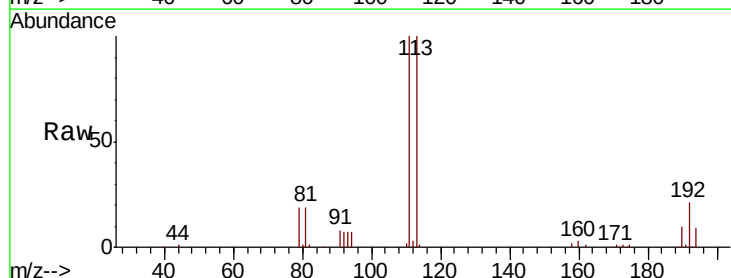
Tgt Ion:113 Resp: 613088

Ion Ratio Lower Upper

113 100

111 100.2 80.2 120.4

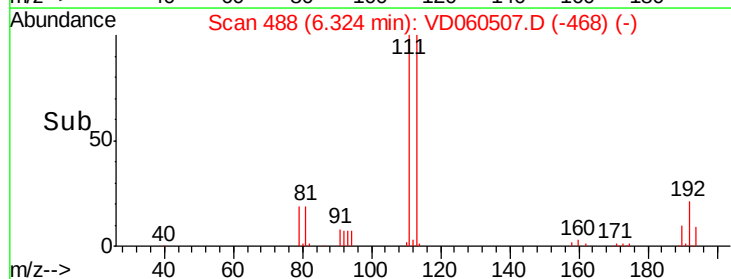
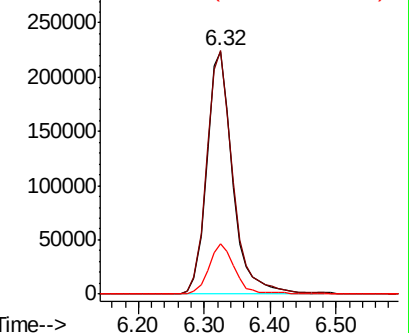
192 20.7 16.6 24.8

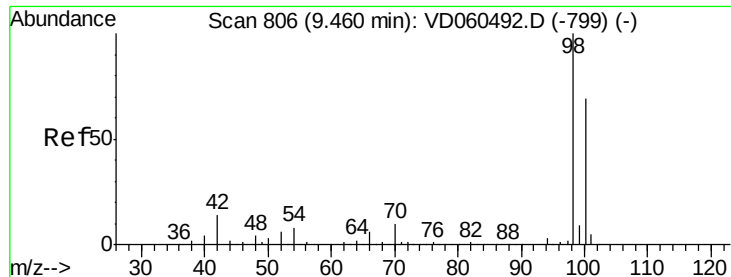


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

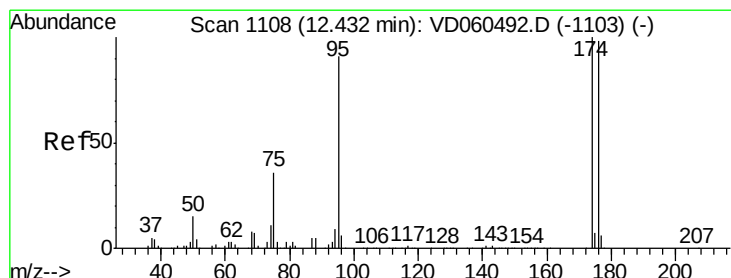
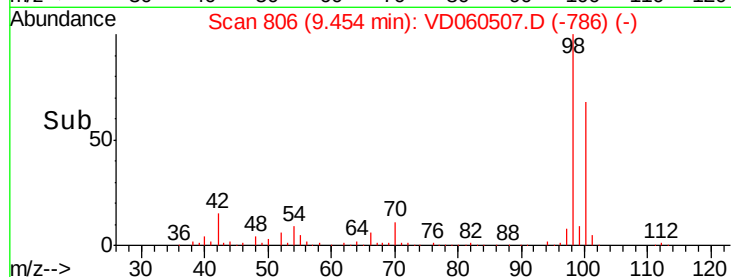
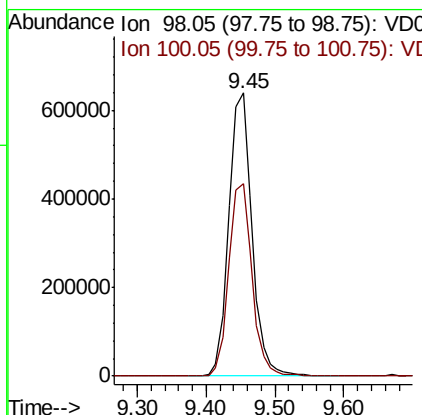
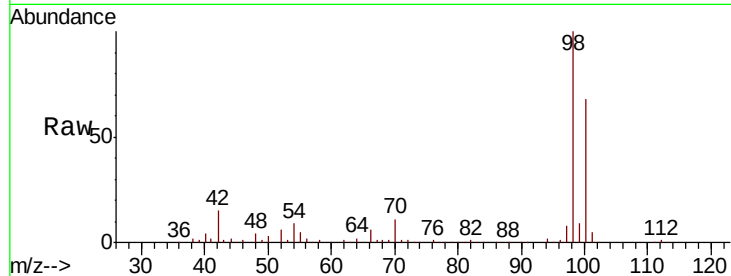




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060507.D
Acq: 6 Dec 2018 16:04

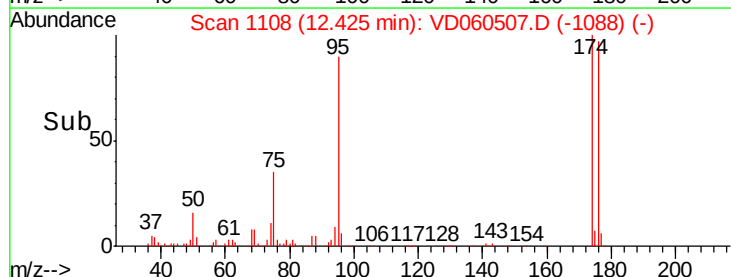
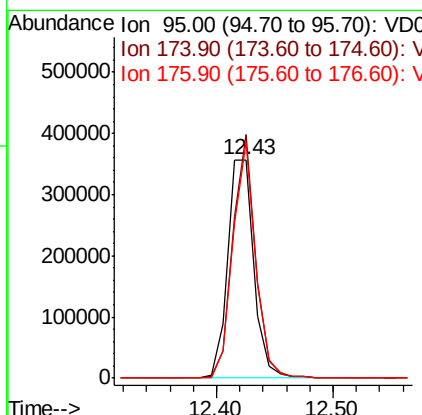
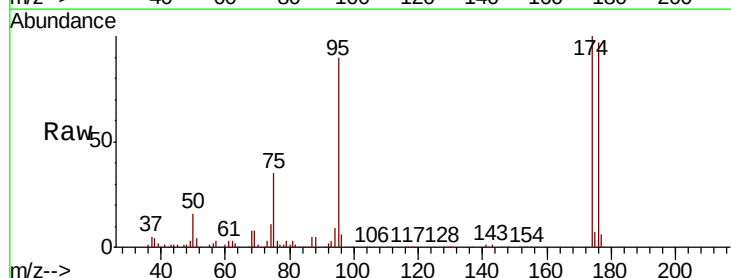
Instrument :
MSVOA_D
ClientSampleId :
SU-01-120518-A

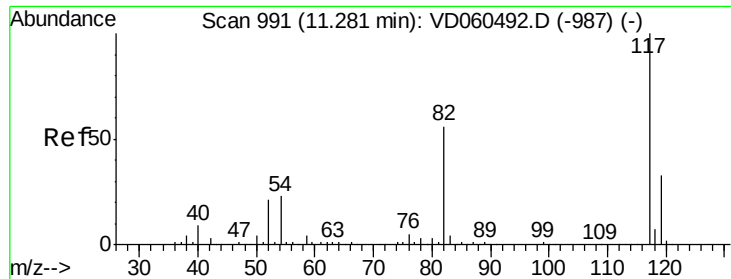
Tot Ion: 98 Resp: 1489282
Ion Ratio Lower Upper
98 100
100 67.9 55.7 83.5



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060507.D
Acq: 6 Dec 2018 16:04

Tgt Ion: 95 Resp: 555901
Ion Ratio Lower Upper
95 100
174 111.6 0.0 219.4
176 108.4 0.0 214.6

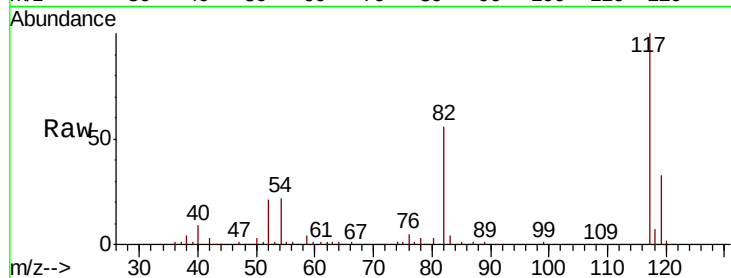




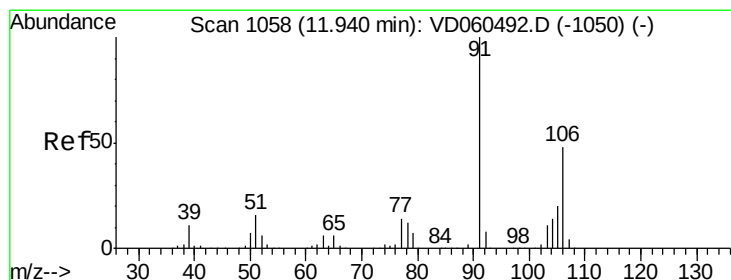
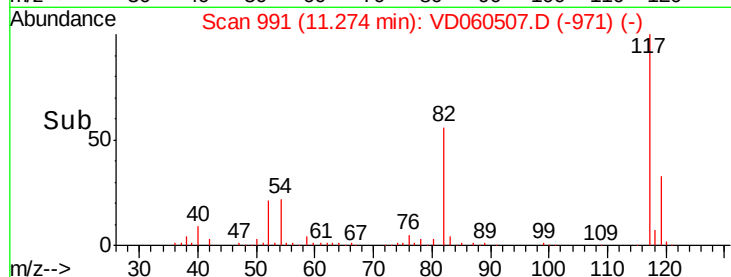
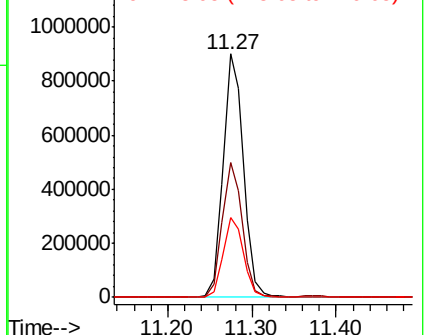
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 991
Delta R.T. -0.01 min
Lab File: VD060507.D
Acq: 6 Dec 2018 16:04

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

Tot Ion:117 Resp: 1508326
Ion Ratio Lower Upper
117 100
82 55.6 45.2 67.8
119 32.8 26.1 39.1

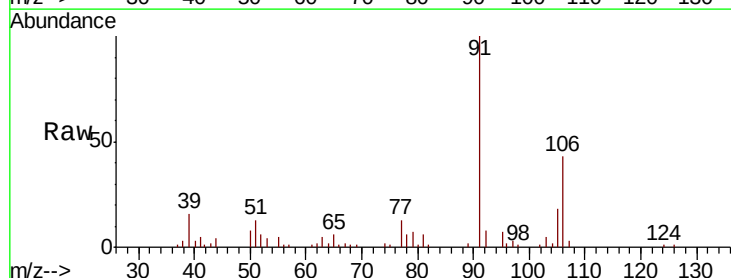


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

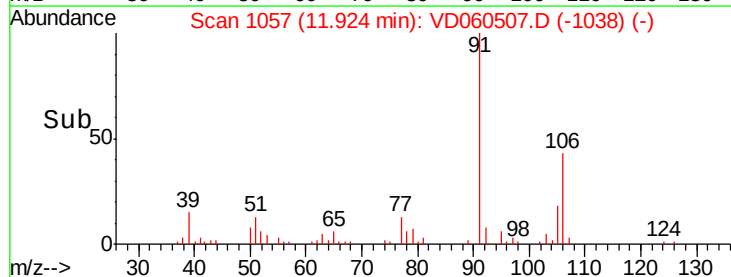
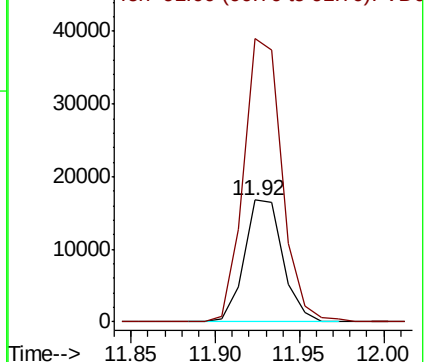


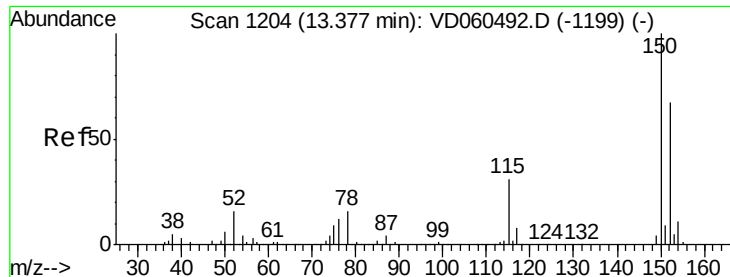
#69
o-Xylene
Concen: 1.384 ug/l
RT: 11.92 min Scan# 1057
Delta R.T. -0.02 min
Lab File: VD060507.D
Acq: 6 Dec 2018 16:04

Tgt Ion:106 Resp: 26562
Ion Ratio Lower Upper
106 100
91 232.5 103.4 310.1



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD060507.D

Acq: 6 Dec 2018 16:04

Instrument :

MSVOA_D

ClientSampleId :

SU-01-120518-A

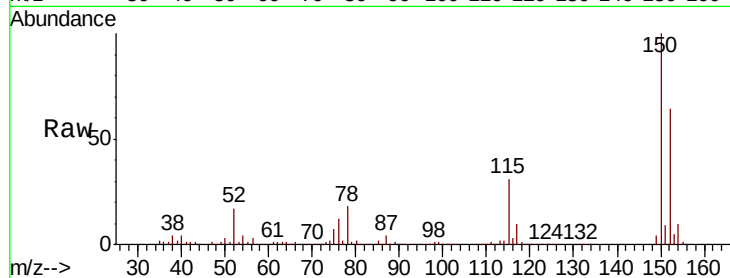
Tot Ion:152 Resp: 676264

Ion Ratio Lower Upper

152 100

115 48.9 24.6 74.0

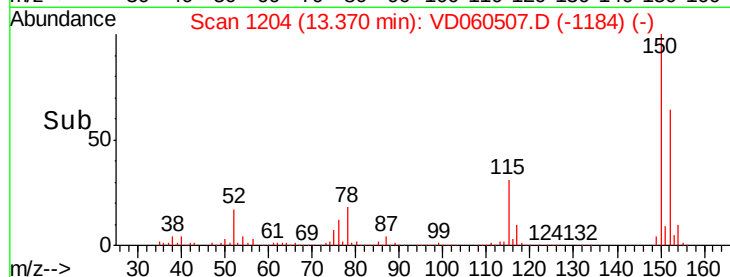
150 156.0 0.0 309.0



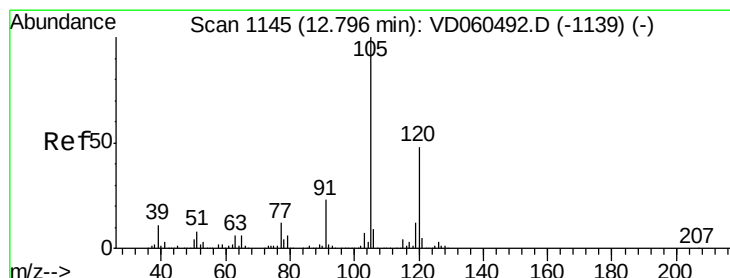
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 1.869 ug/l

RT: 12.79 min Scan# 1145

Delta R.T. -0.01 min

Lab File: VD060507.D

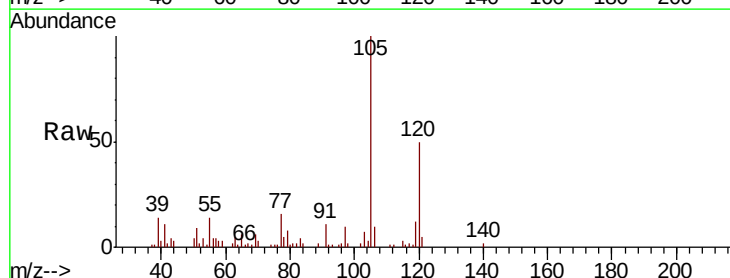
Acq: 6 Dec 2018 16:04

Tgt Ion:105 Resp: 68355

Ion Ratio Lower Upper

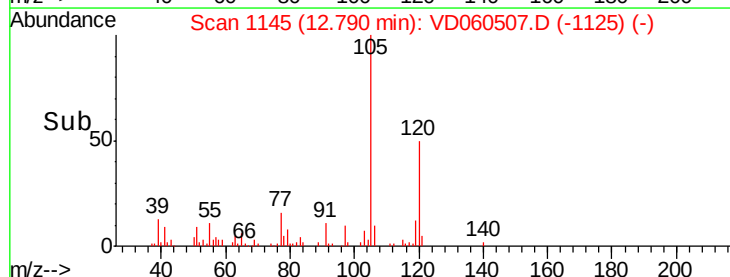
105 100

120 49.8 24.2 72.6

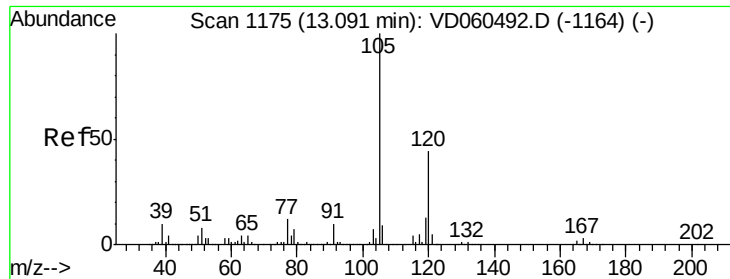


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



Time-->



#84
 1,2,4-Trimethylbenzene
 Concen: 1.019 ug/l
 RT: 13.08 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: VD060507.D
 Acq: 6 Dec 2018 16:04

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	40.2	22.3	66.8

