

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121918\
 Data File : VD060641.D
 Acq On : 19 Dec 2018 15:35
 Operator : VA/AP
 Sample : J6199-09
 Misc : 5.77G/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-121818-A

Quant Time: Dec 20 01:29:36 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

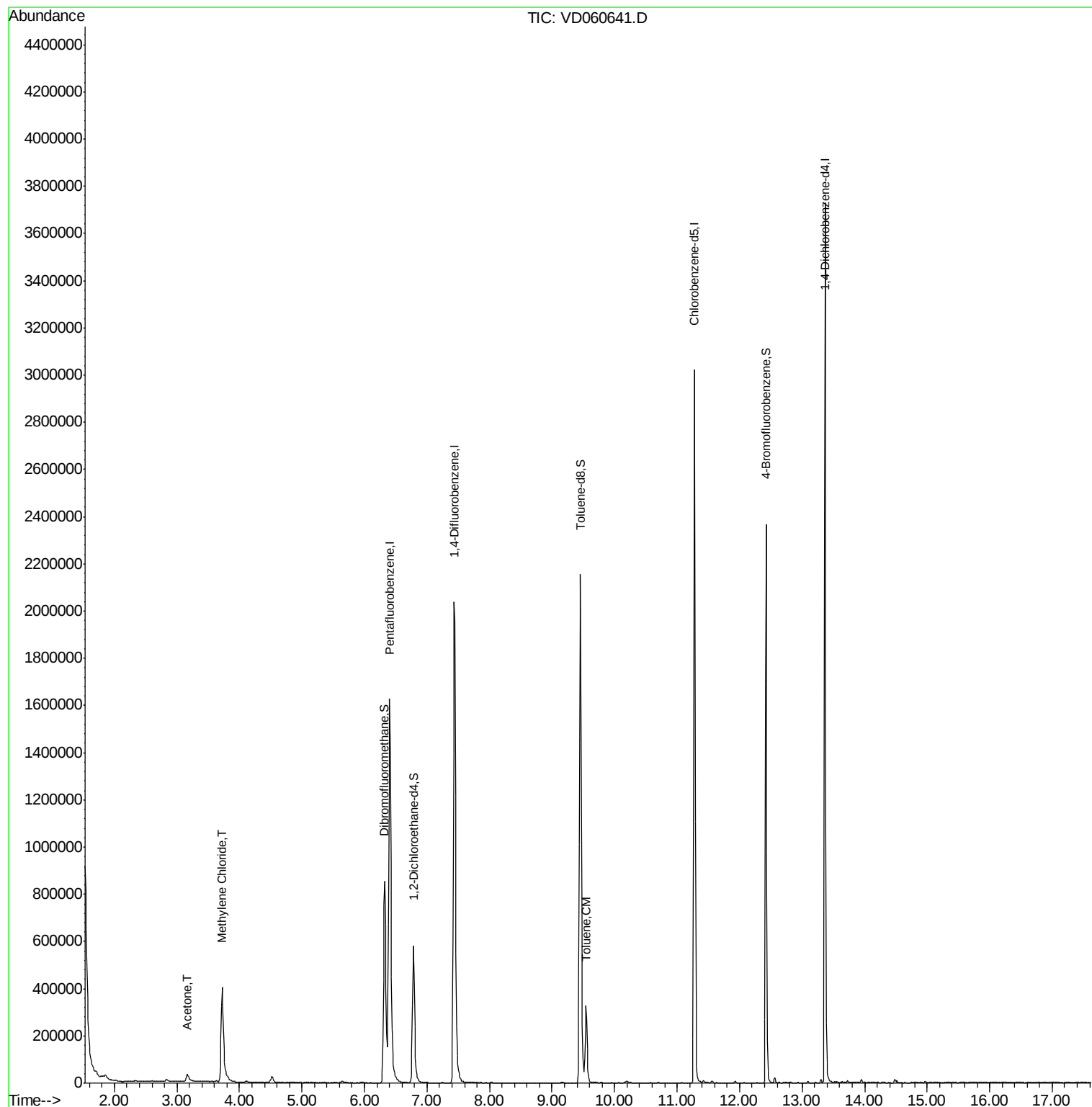
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1595460	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.45	114	2225307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1747093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	861532	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	489084	43.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.50%	
35) Dibromofluoromethane	6.32	113	672385	41.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.28%	
50) Toluene-d8	9.45	98	1744425	36.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.76%	
62) 4-Bromofluorobenzene	12.42	95	650794	38.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.90%	
Target Compounds						
16) Acetone	3.16	43	66342	36.599	ug/l	94
20) Methylene Chloride	3.73	84	265131	12.582	ug/l	96
52) Toluene	9.54	92	159383	4.587	ug/l	92

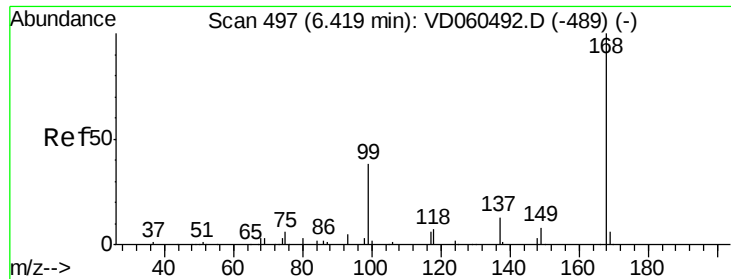
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121918\
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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: VD060641.D

Acq: 19 Dec 2018 15:35

Instrument :

MSVOA_D

ClientSampleId :

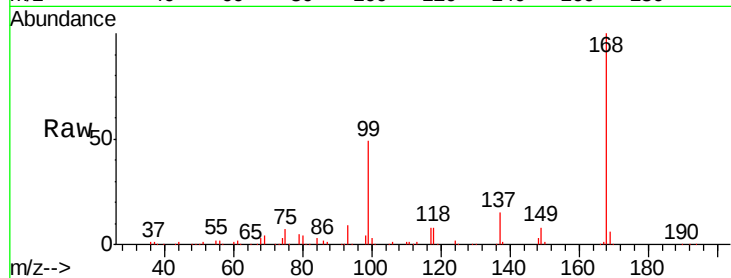
SU-02-121818-A

Tgt Ion:168 Resp: 1595460

Ion Ratio Lower Upper

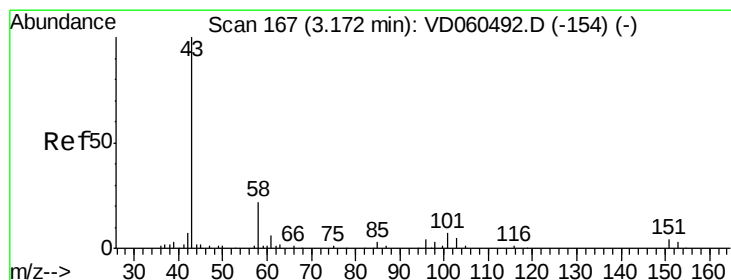
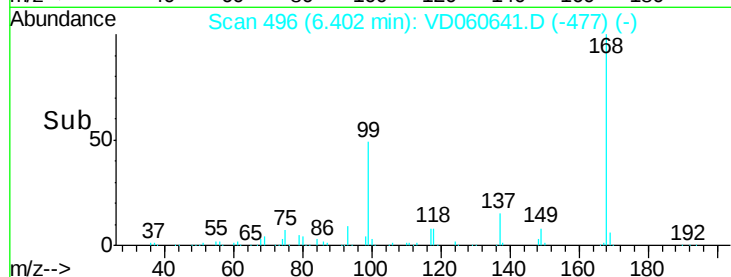
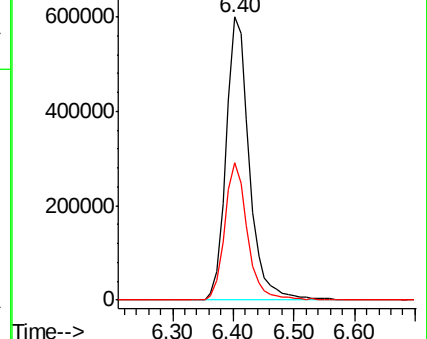
168 100

99 48.6 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: 36.599 ug/l

RT: 3.16 min Scan# 167

Delta R.T. -0.01 min

Lab File: VD060641.D

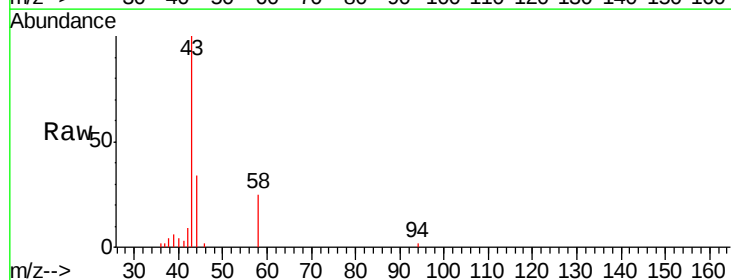
Acq: 19 Dec 2018 15:35

Tgt Ion: 43 Resp: 66342

Ion Ratio Lower Upper

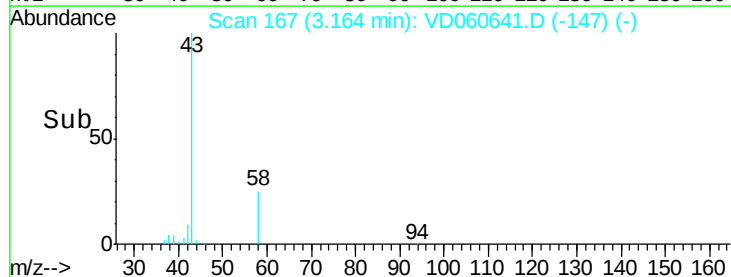
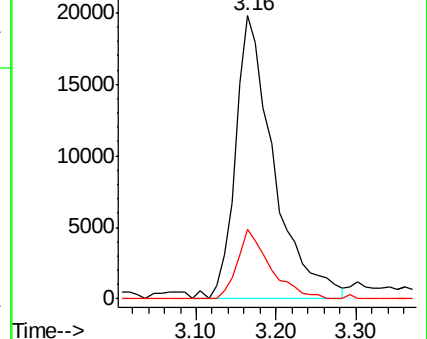
43 100

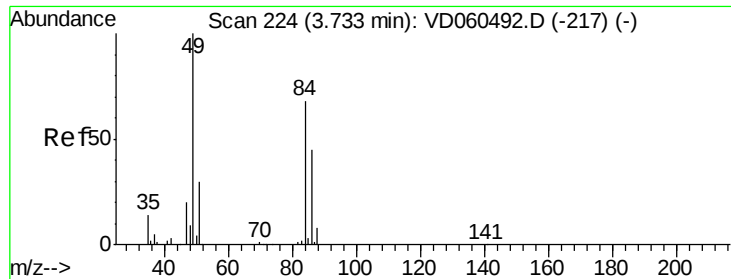
58 24.6 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

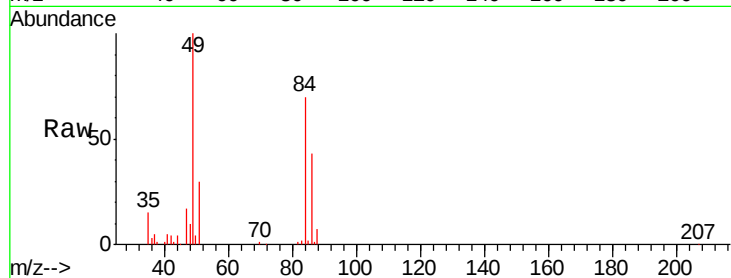




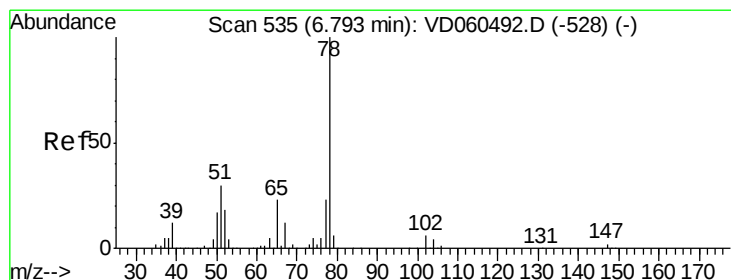
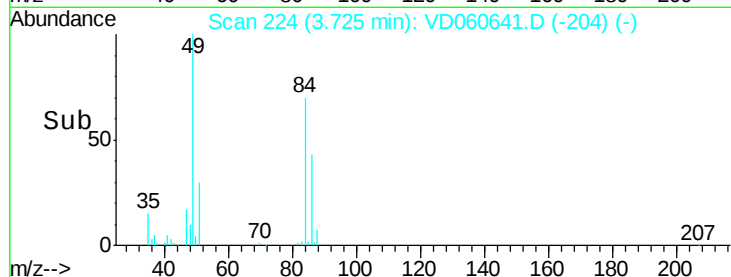
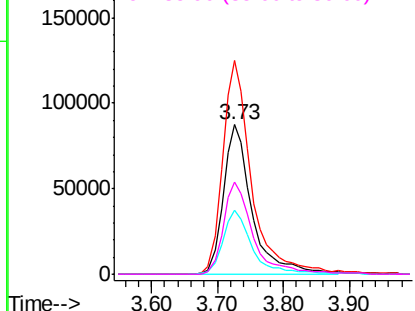
#20
Methylene Chloride
Concen: 12.582 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Instrument :
MSVOA_D
ClientSampleId :
SU-02-121818-A

Tgt Ion: 84 Resp: 265131
Ion Ratio Lower Upper
84 100
49 142.6 117.2 175.8
51 42.7 35.3 52.9
86 61.2 53.2 79.8

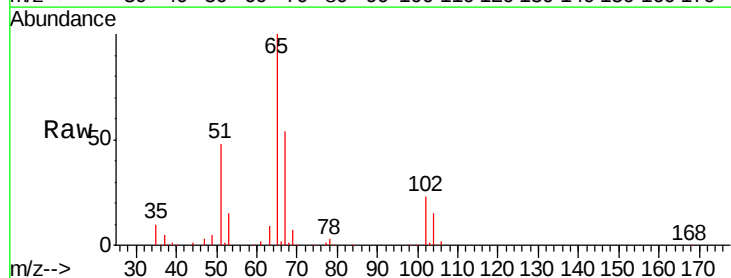


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

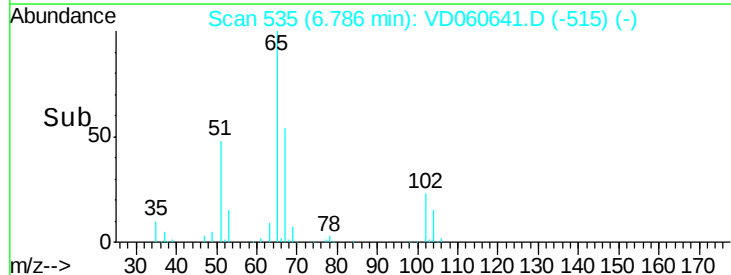
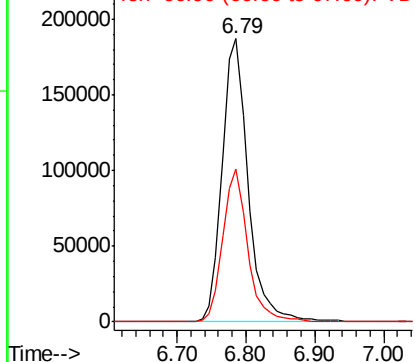


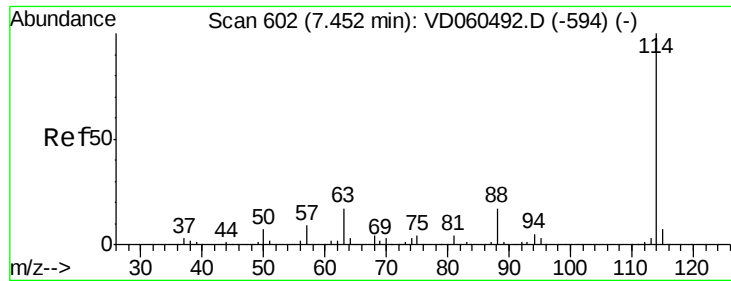
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Tgt Ion: 65 Resp: 489084
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

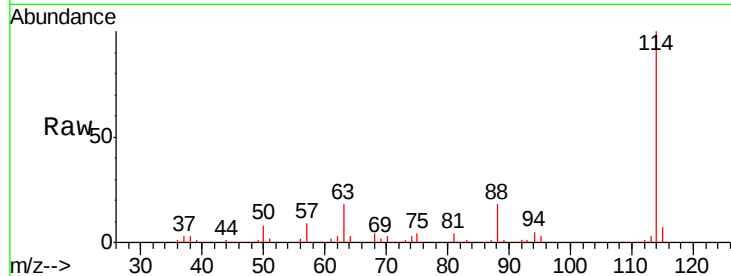




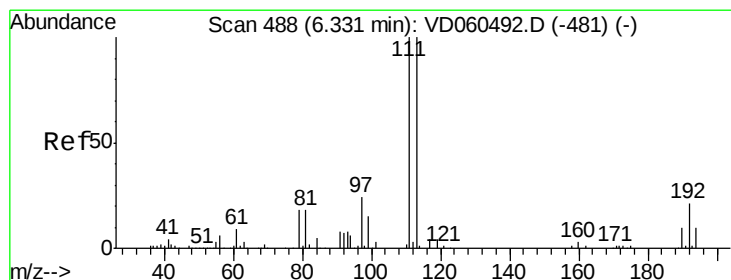
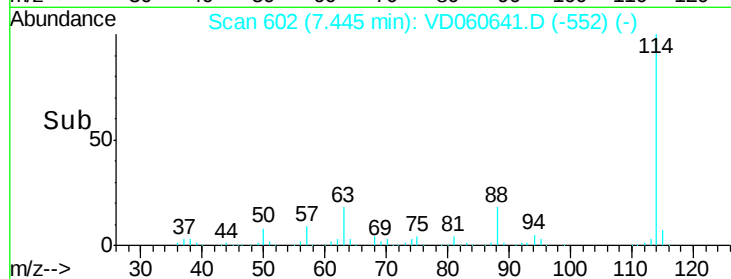
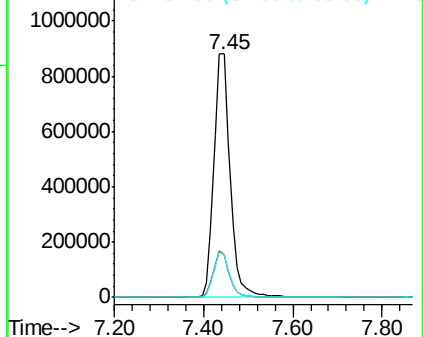
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060641.D
 Acq: 19 Dec 2018 15:35

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-121818-A

Tgt Ion:114 Resp: 2225307
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 34.2
 88 17.8 0.0 35.0

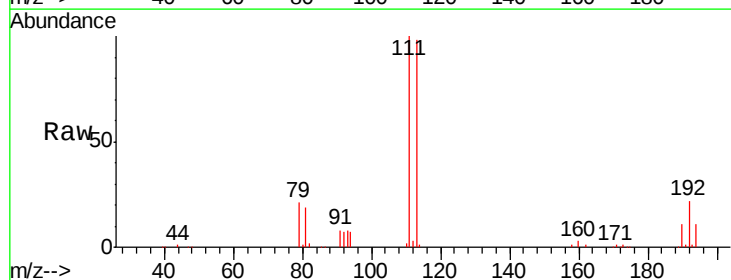


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

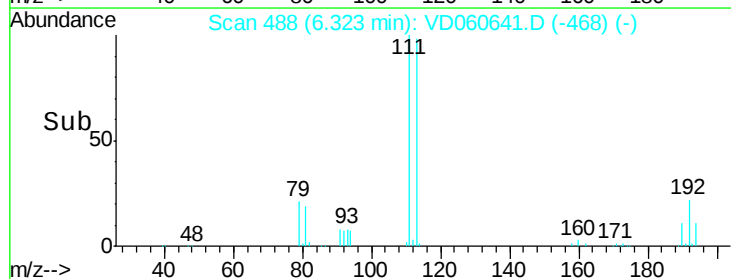
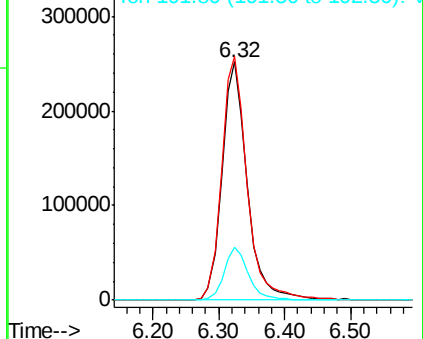


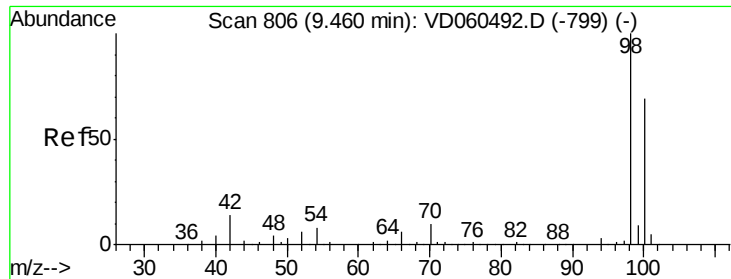
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060641.D
 Acq: 19 Dec 2018 15:35

Tgt Ion:113 Resp: 672385
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.2 120.4
 192 22.1 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

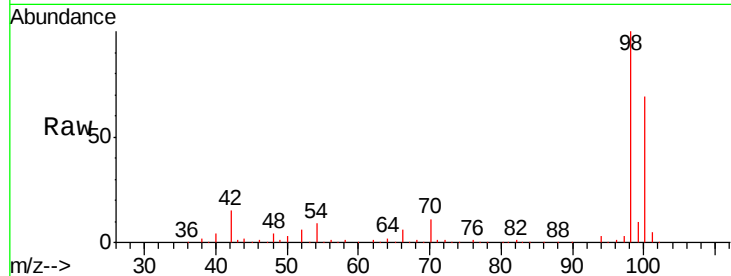




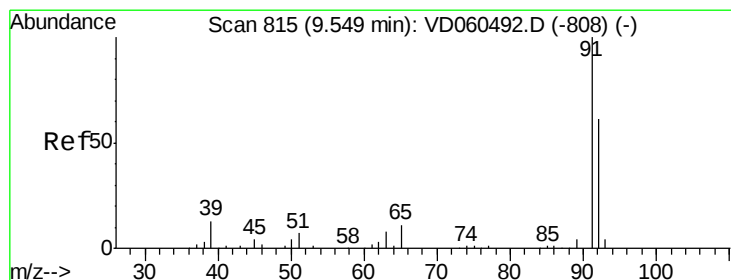
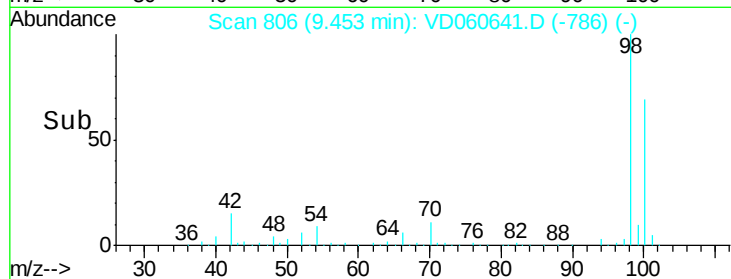
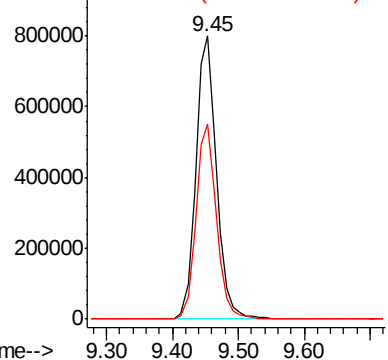
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Instrument :
MSVOA_D
ClientSampleId :
SU-02-121818-A

Tgt Ion: 98 Resp: 1744425
Ion Ratio Lower Upper
98 100
100 68.8 55.7 83.5

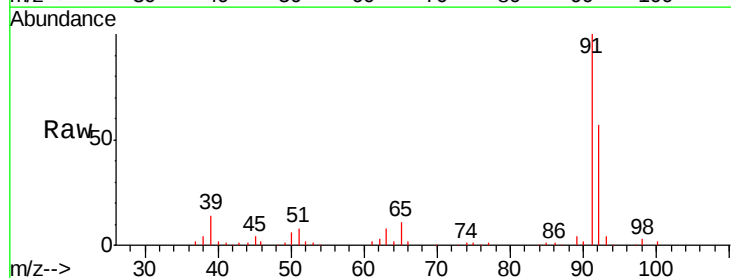


Abundance Ion 98.05 (97.75 to 98.75): VD060641.D (-795) (-)
Ion 100.05 (99.75 to 100.75): VD060641.D (-795) (-)

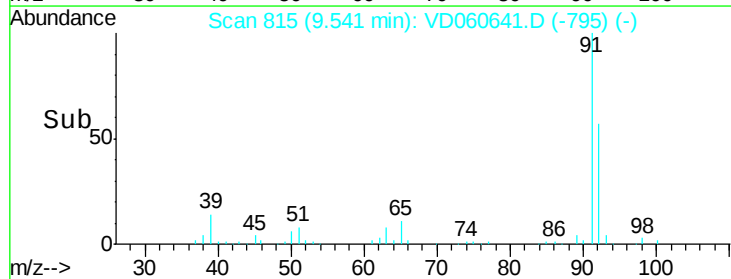
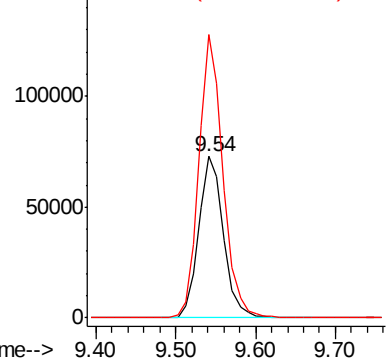


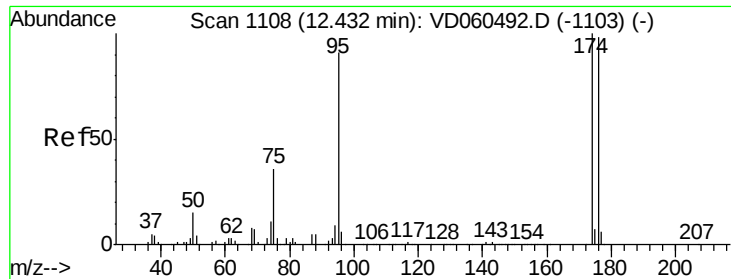
#52
Toluene
Concen: 4.587 ug/l
RT: 9.54 min Scan# 815
Delta R.T. -0.01 min
Lab File: VD060641.D
Acq: 19 Dec 2018 15:35

Tgt Ion: 92 Resp: 159383
Ion Ratio Lower Upper
92 100
91 175.4 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VD060641.D (-795) (-)
Ion 91.00 (90.70 to 91.70): VD060641.D (-795) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060641.D

Acq: 19 Dec 2018 15:35

Instrument :

MSVOA_D

ClientSampleId :

SU-02-121818-A

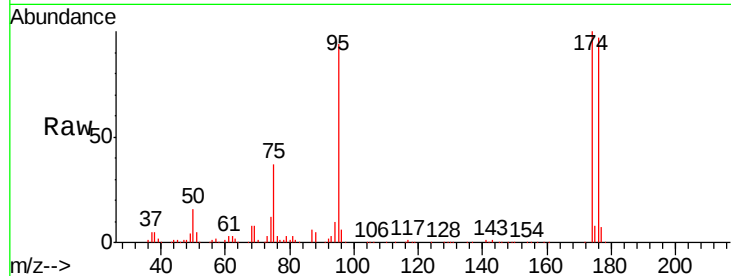
Tgt Ion: 95 Resp: 650794

Ion Ratio Lower Upper

95 100

174 106.8 0.0 219.4

176 103.4 0.0 214.6



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

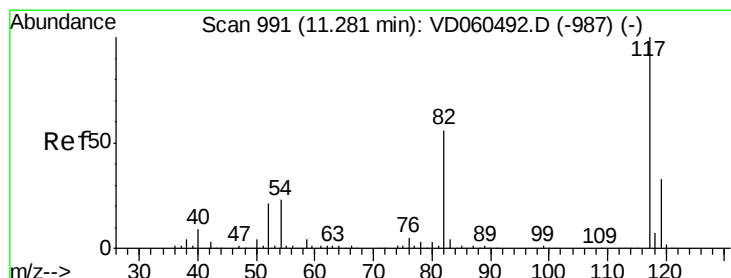
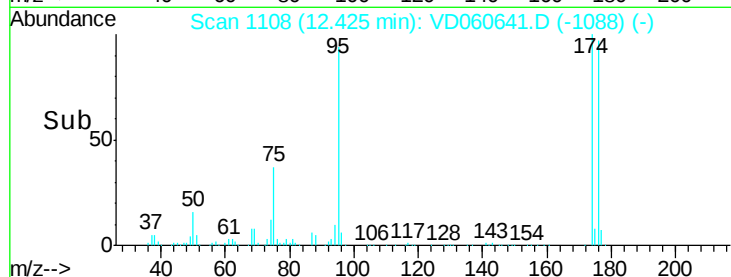
600000

400000

200000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.28 min Scan# 992

Delta R.T. 0.00 min

Lab File: VD060641.D

Acq: 19 Dec 2018 15:35

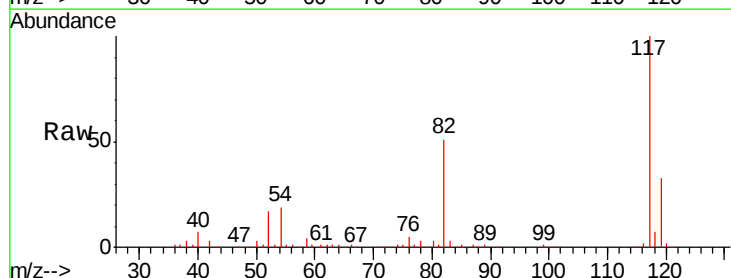
Tgt Ion: 117 Resp: 1747093

Ion Ratio Lower Upper

117 100

82 51.2 45.2 67.8

119 32.7 26.1 39.1



Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

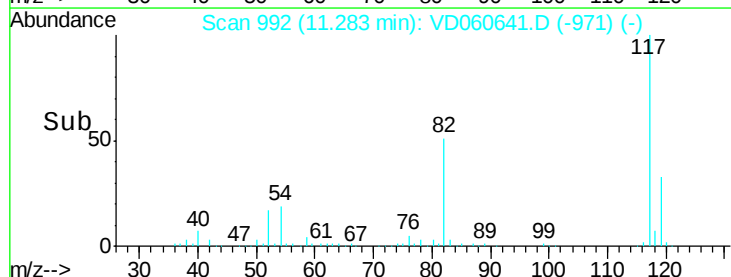
Ion 118.95 (118.65 to 119.65): V

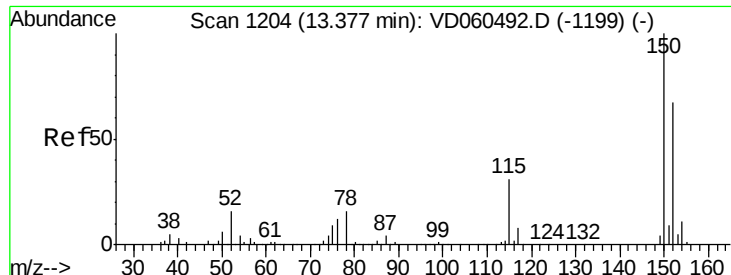
1000000

500000

0

Time--> 11.20 11.30 11.40

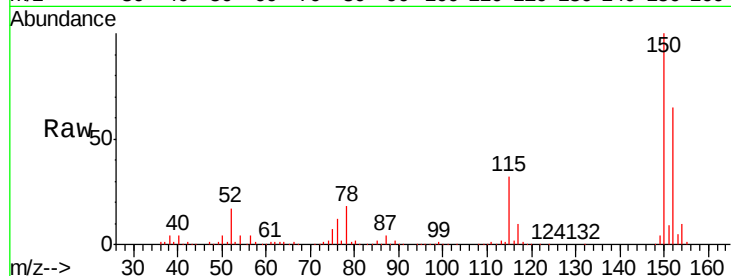




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: VD060641.D
 Acq: 19 Dec 2018 15:35

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-121818-A

Tgt Ion:	152	Resp:	861532
Ion	Ratio	Lower	Upper
152	100		
115	48.8	24.6	74.0
150	154.5	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

