

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120618\
 Data File : VD060502.D
 Acq On : 6 Dec 2018 13:43
 Operator : VA/AP
 Sample : J6195-03
 Misc : 6.06g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 07 03:57:18 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

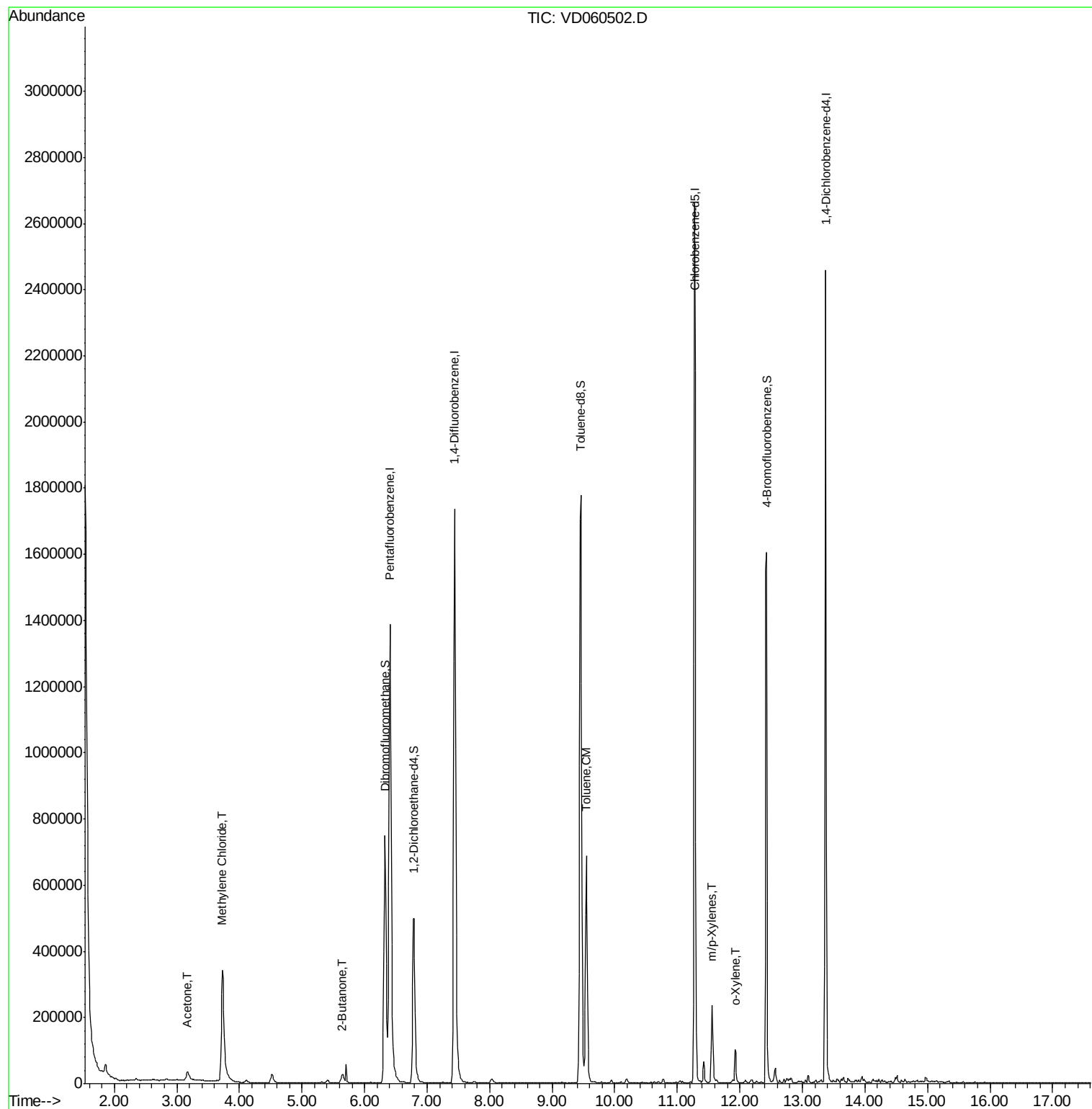
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1398142	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	1936063	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	1434664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	592392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	441596	44.56	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	89.12%	
35) Dibromofluoromethane	6.33	113	601527	42.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.60%	
50) Toluene-d8	9.45	98	1505916	36.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.18%	
62) 4-Bromofluorobenzene	12.42	95	503125	34.17	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	68.34%	
Target Compounds						
16) Acetone	3.17	43	63230	39.805	ug/l	99
20) Methylene Chloride	3.73	84	241247	13.253	ug/l	93
25) 2-Butanone	5.63	43	13695	4.382	ug/l #	84
52) Toluene	9.54	92	353820	11.704	ug/l	99
68) m/p-Xylenes	11.56	106	72591	3.790	ug/l	97
69) o-Xylene	11.93	106	22236	1.218	ug/l	85

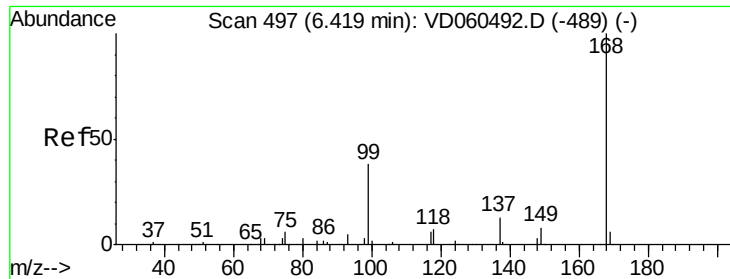
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD120618\
Data File : VD060502.D
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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: VD060502.D

Acq: 6 Dec 2018 13:43

Instrument :

MSVOA_D

ClientSampleId :

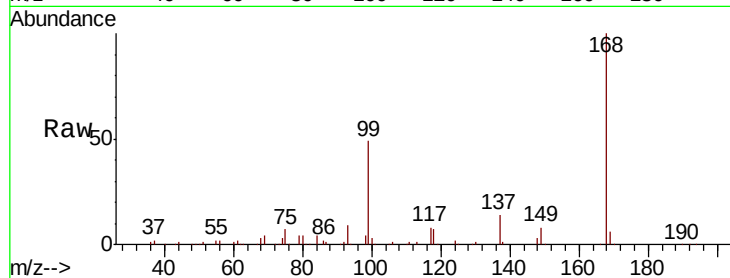
OR-01-120518-B

Tot Ion:168 Resp: 1398142

Ion Ratio Lower Upper

168 100

99 49.3 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

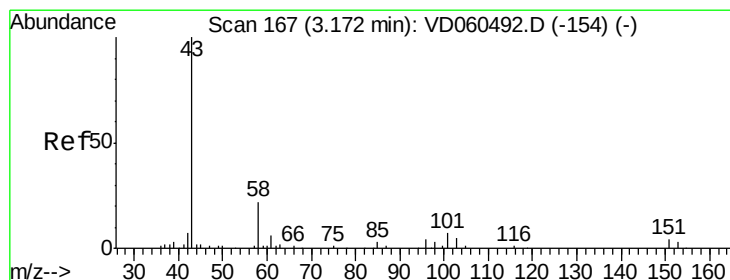
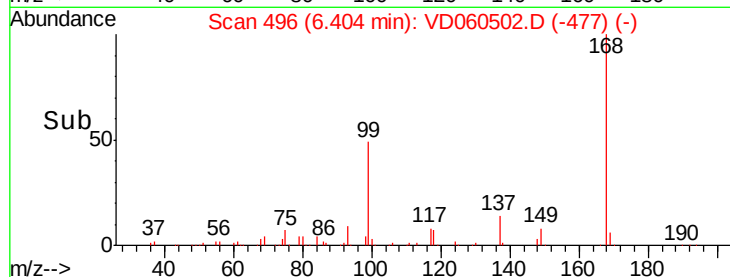
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 39.805 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.01 min

Lab File: VD060502.D

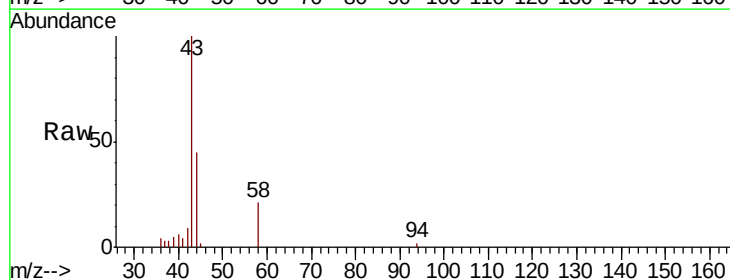
Acq: 6 Dec 2018 13:43

Tgt Ion: 43 Resp: 63230

Ion Ratio Lower Upper

43 100

58 21.1 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.17

20000

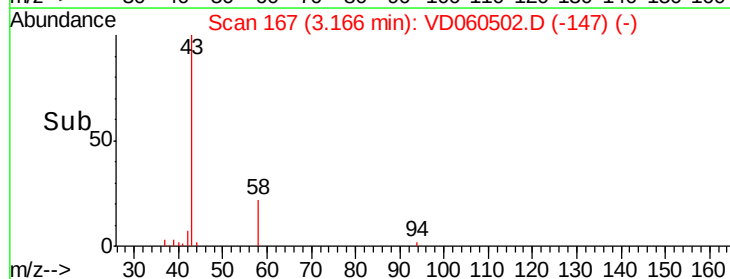
15000

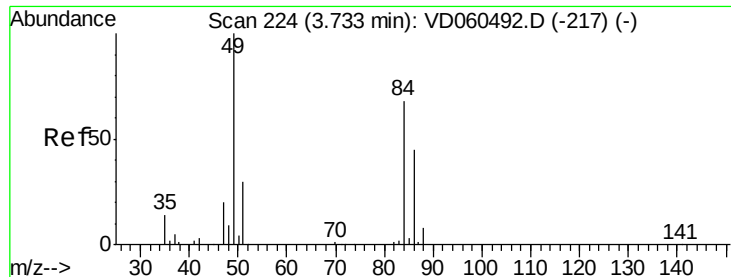
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5000

0

Time-->

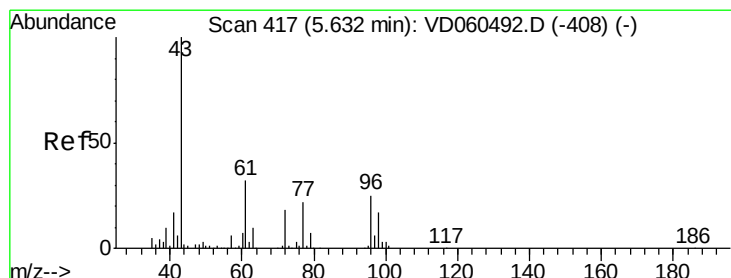
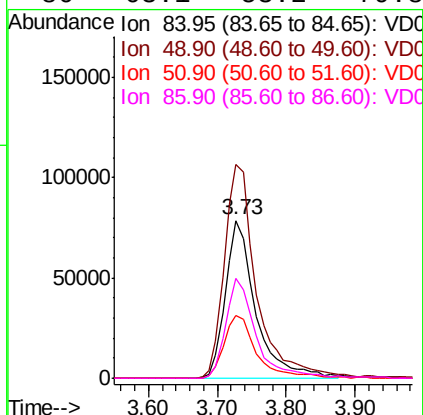
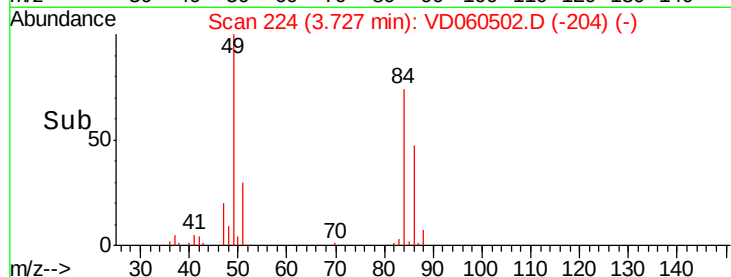
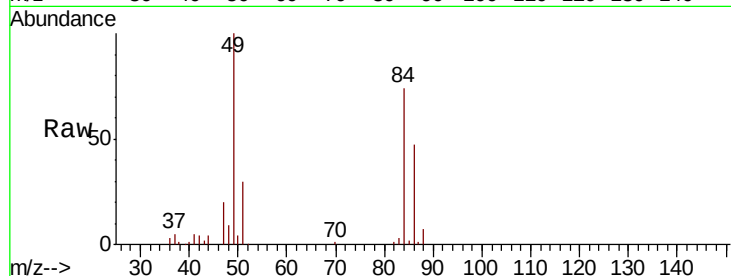




#20
Methvlene Chloride
Concen: 13.253 ug/l
RT: 3.73 min Scan# 224
Delta R.T. -0.00 min
Lab File: VD060502.D
Acq: 6 Dec 2018 13:43

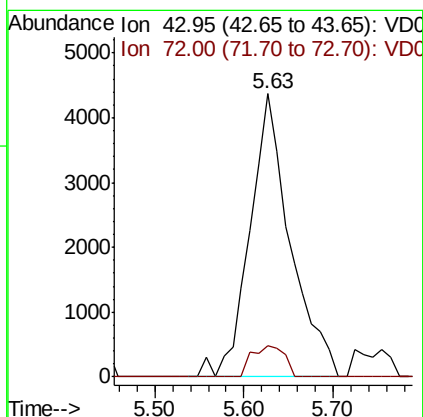
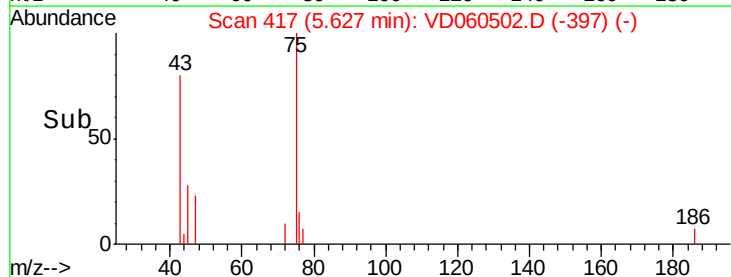
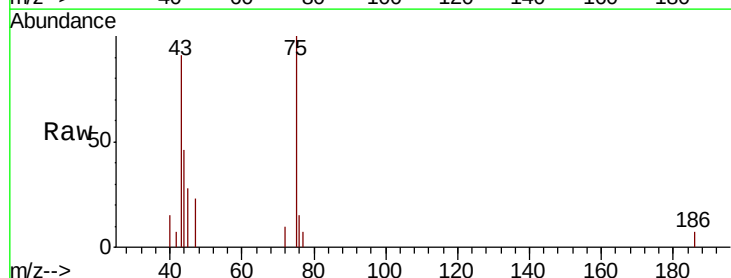
Instrument :
MSVOA_D
ClientSampleId :
OR-01-120518-B

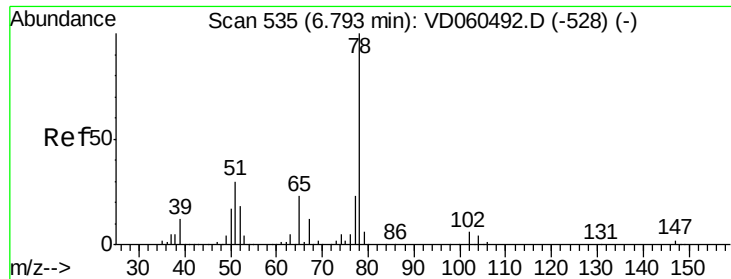
Tot Ion: 84 Resp: 241247
Ion Ratio Lower Upper
84 100
49 135.3 117.2 175.8
51 40.0 35.3 52.9
86 63.1 53.2 79.8



#25
2-Butanone
Concen: 4.382 ug/l
RT: 5.63 min Scan# 417
Delta R.T. -0.01 min
Lab File: VD060502.D
Acq: 6 Dec 2018 13:43

Tgt Ion: 43 Resp: 13695
Ion Ratio Lower Upper
43 100
72 11.1 14.6 21.8#

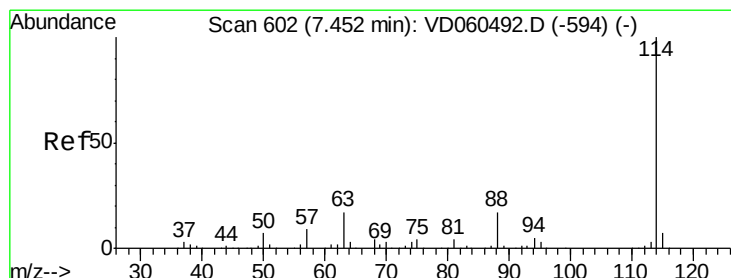
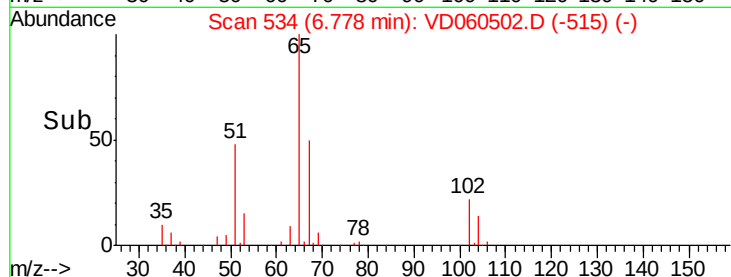
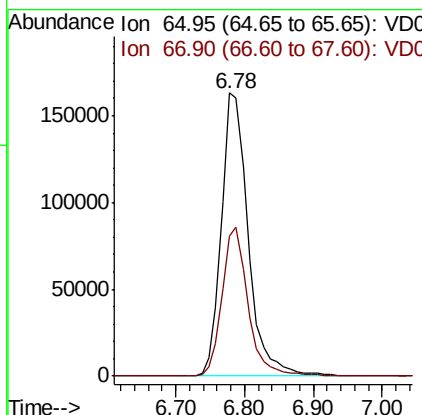
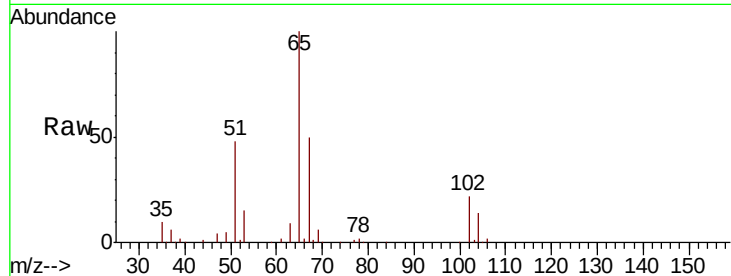




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. -0.02 min
 Lab File: VD060502.D
 Acq: 6 Dec 2018 13:43

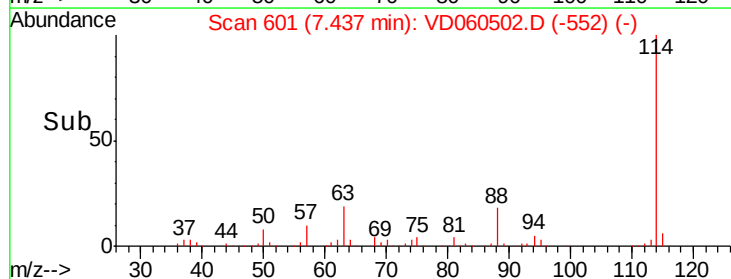
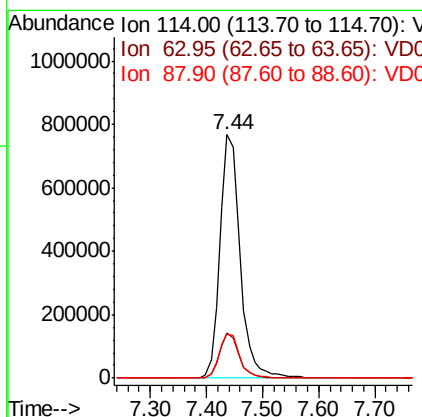
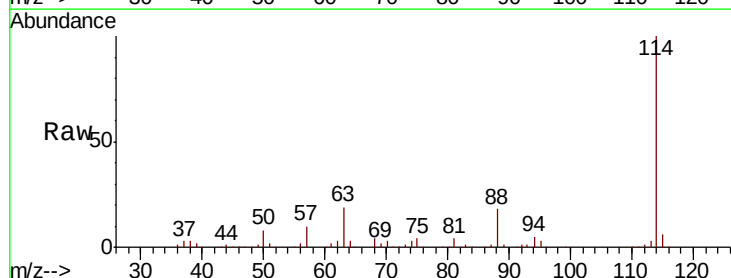
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-120518-B

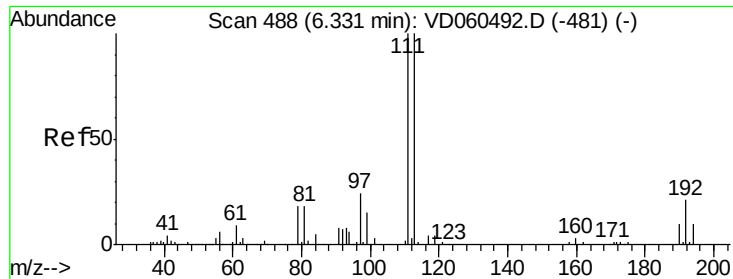
Tot Ion: 65 Resp: 441596
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: VD060502.D
 Acq: 6 Dec 2018 13:43

Tgt Ion: 114 Resp: 1936063
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 34.2
 88 18.3 0.0 35.0

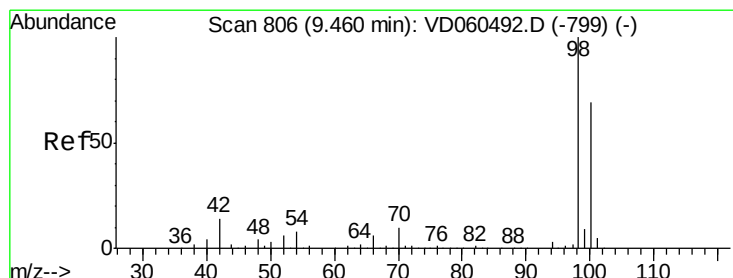
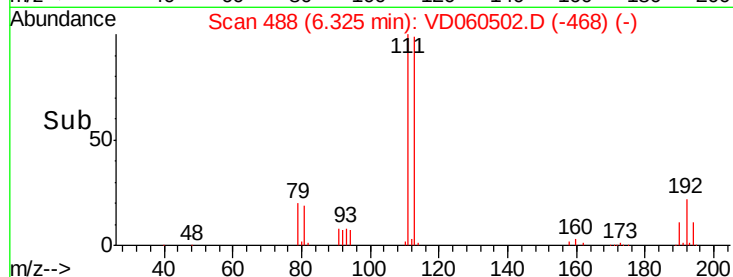
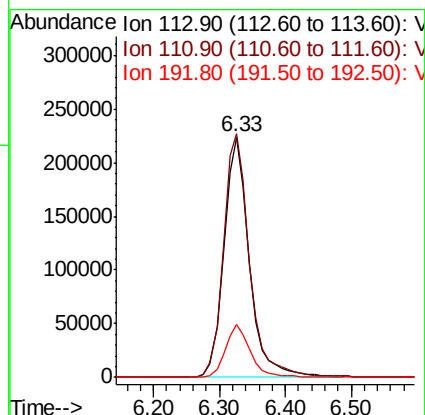
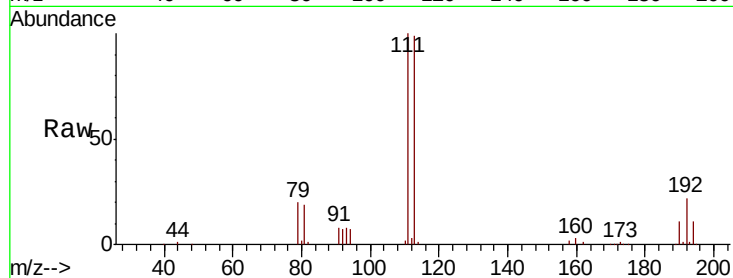




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 488
Delta R.T. -0.01 min
Lab File: VD060502.D
Acq: 6 Dec 2018 13:43

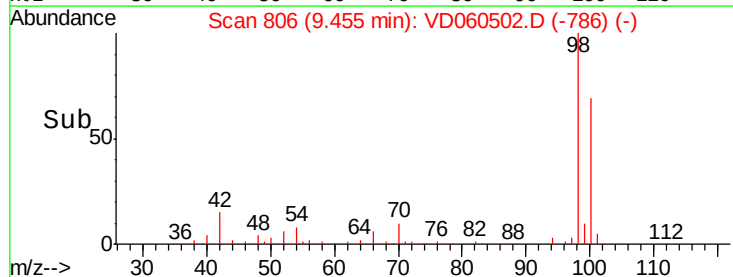
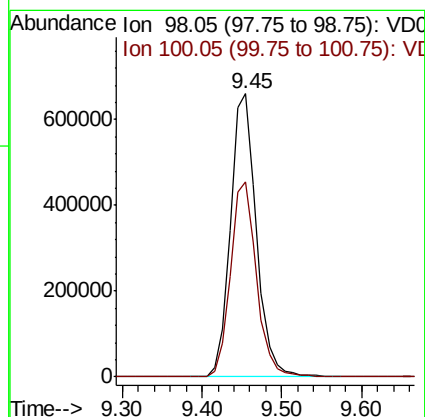
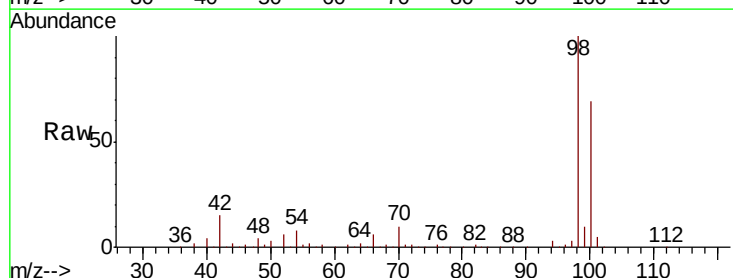
Instrument :
MSVOA_D
ClientSampleId :
OR-01-120518-B

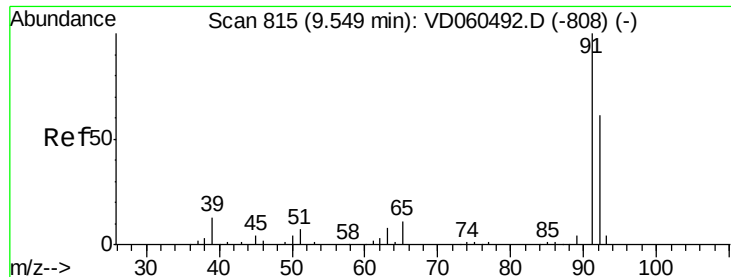
Tot Ion:113 Resp: 601527
Ion Ratio Lower Upper
113 100
111 101.5 80.2 120.4
192 22.0 16.6 24.8



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060502.D
Acq: 6 Dec 2018 13:43

Tgt Ion: 98 Resp: 1505916
Ion Ratio Lower Upper
98 100
100 68.8 55.7 83.5





#52

Toluene

Concen: 11.704 ug/l

RT: 9.54 min Scan# 815

Delta R.T. -0.01 min

Lab File: VD060502.D

Acq: 6 Dec 2018 13:43

Instrument :

MSVOA_D

ClientSampleId :

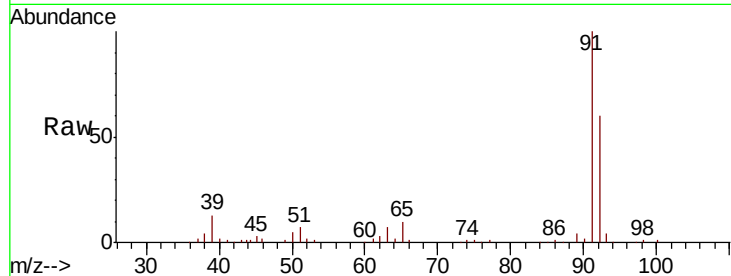
OR-01-120518-B

Tot Ion: 92 Resp: 353820

Ion Ratio Lower Upper

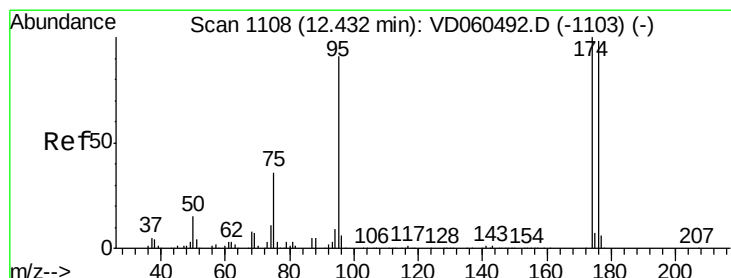
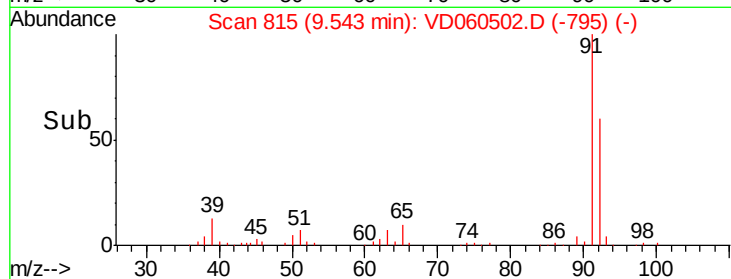
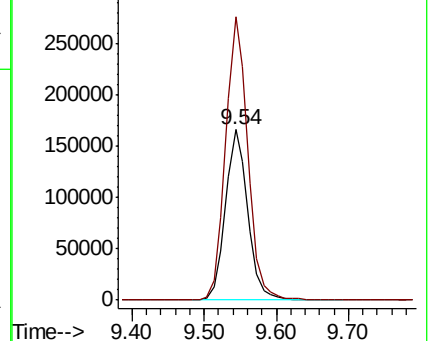
92 100

91 166.2 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD060502.D

Acq: 6 Dec 2018 13:43

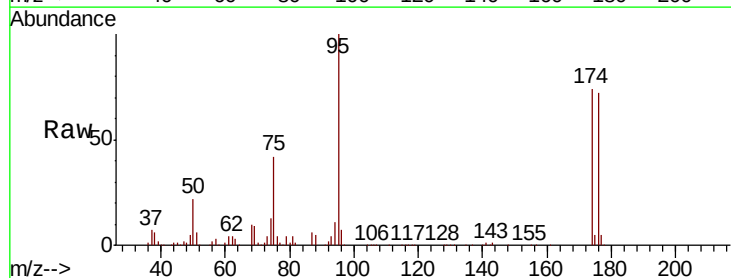
Tgt Ion: 95 Resp: 503125

Ion Ratio Lower Upper

95 100

174 74.0 0.0 219.4

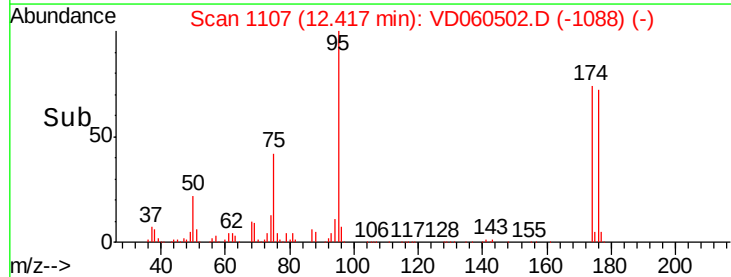
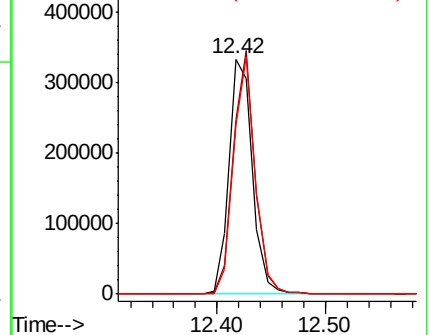
176 72.3 0.0 214.6

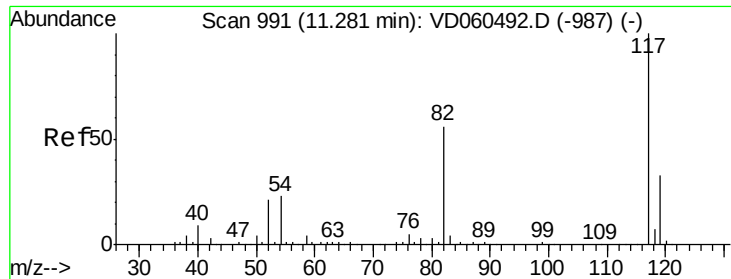


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

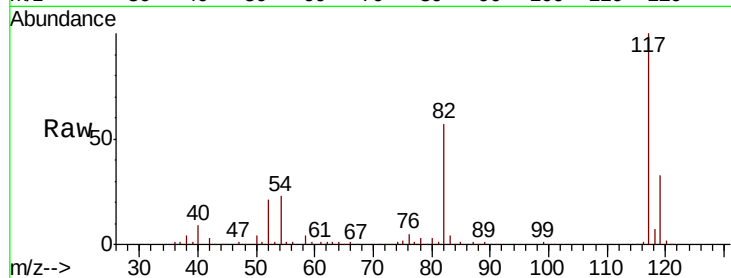




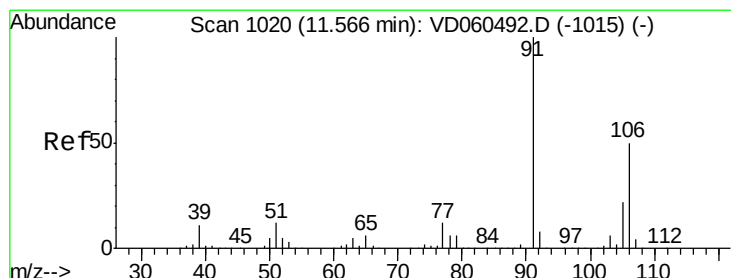
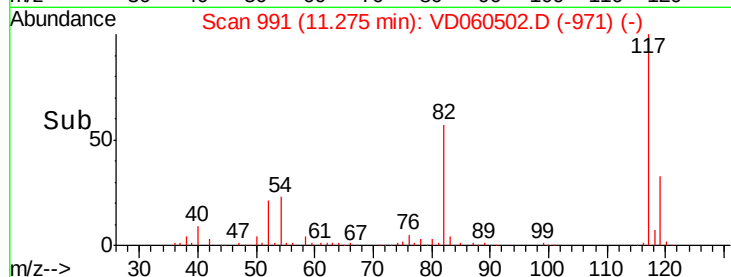
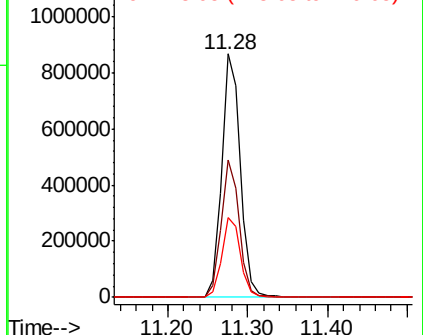
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.01 min
Lab File: VD060502.D
Acq: 6 Dec 2018 13:43

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

Tot Ion:117 Resp: 1434664
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 32.6 26.1 39.1

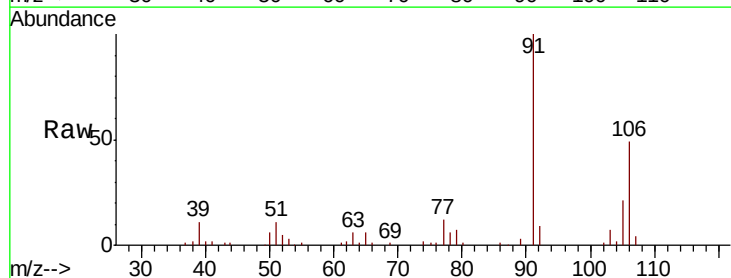


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

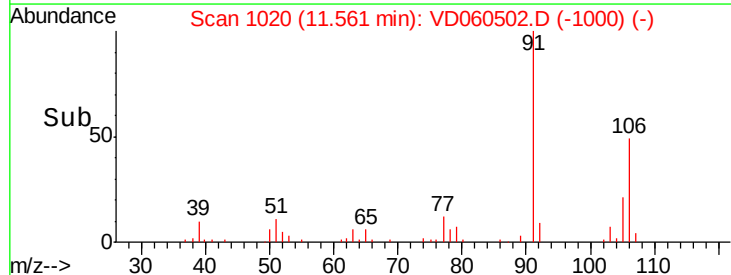
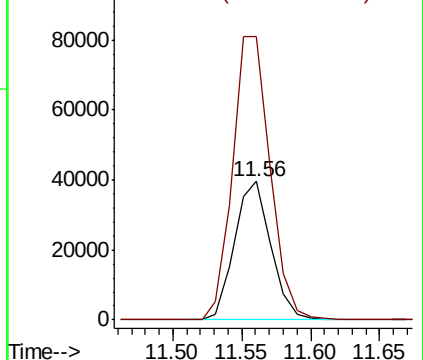


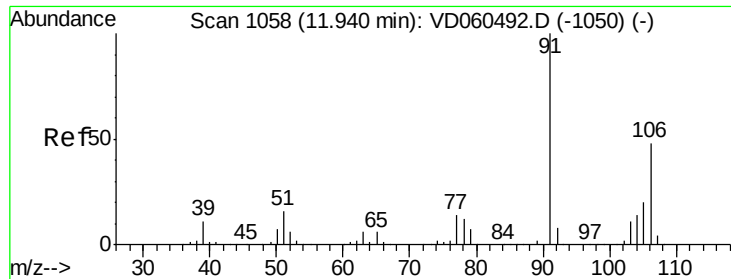
#68
m/p-Xylenes
Concen: 3.790 ug/l
RT: 11.56 min Scan# 1020
Delta R.T. -0.01 min
Lab File: VD060502.D
Acq: 6 Dec 2018 13:43

Tgt Ion:106 Resp: 72591
Ion Ratio Lower Upper
106 100
91 204.7 160.5 240.7



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

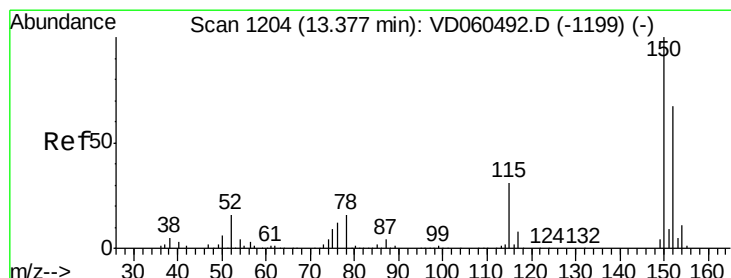
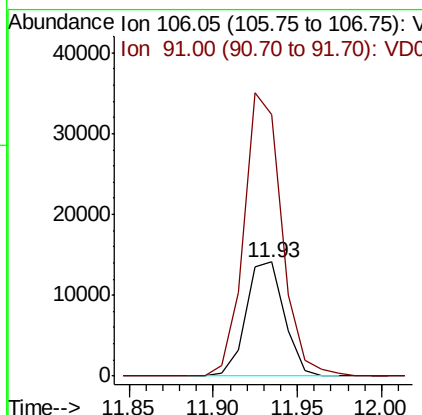
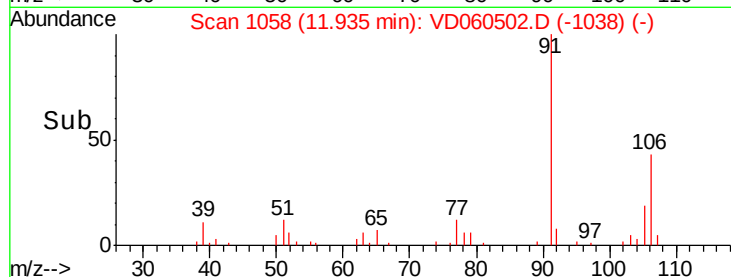
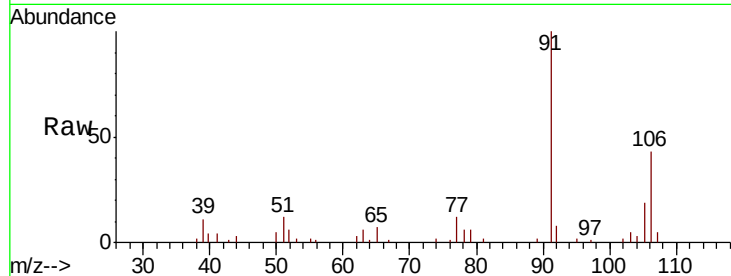




#69
o-Xylene
Concen: 1.218 ug/l
RT: 11.93 min Scan# 1058
Delta R.T. -0.01 min
Lab File: VD060502.D
Acq: 6 Dec 2018 13:43

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

Tot Ion:106 Resp: 22236
Ion Ratio Lower Upper
106 100
91 230.3 103.4 310.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060502.D
Acq: 6 Dec 2018 13:43

Tgt Ion:152 Resp: 592392
Ion Ratio Lower Upper
152 100
115 49.0 24.6 74.0
150 154.7 0.0 309.0

