

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004348.D
 Acq On : 30 Jul 2018 08:01
 Operator : SY/AP
 Sample : J4109-07
 Misc : 11.97G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 08:34:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	297	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	731	72.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	145.38%	
35) Dibromofluoromethane	7.89	113	617	67.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.78%	
50) Toluene-d8	10.33	98	1490	41.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.98%	
62) 4-Bromofluorobenzene	12.62	95	429	33.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.84%	

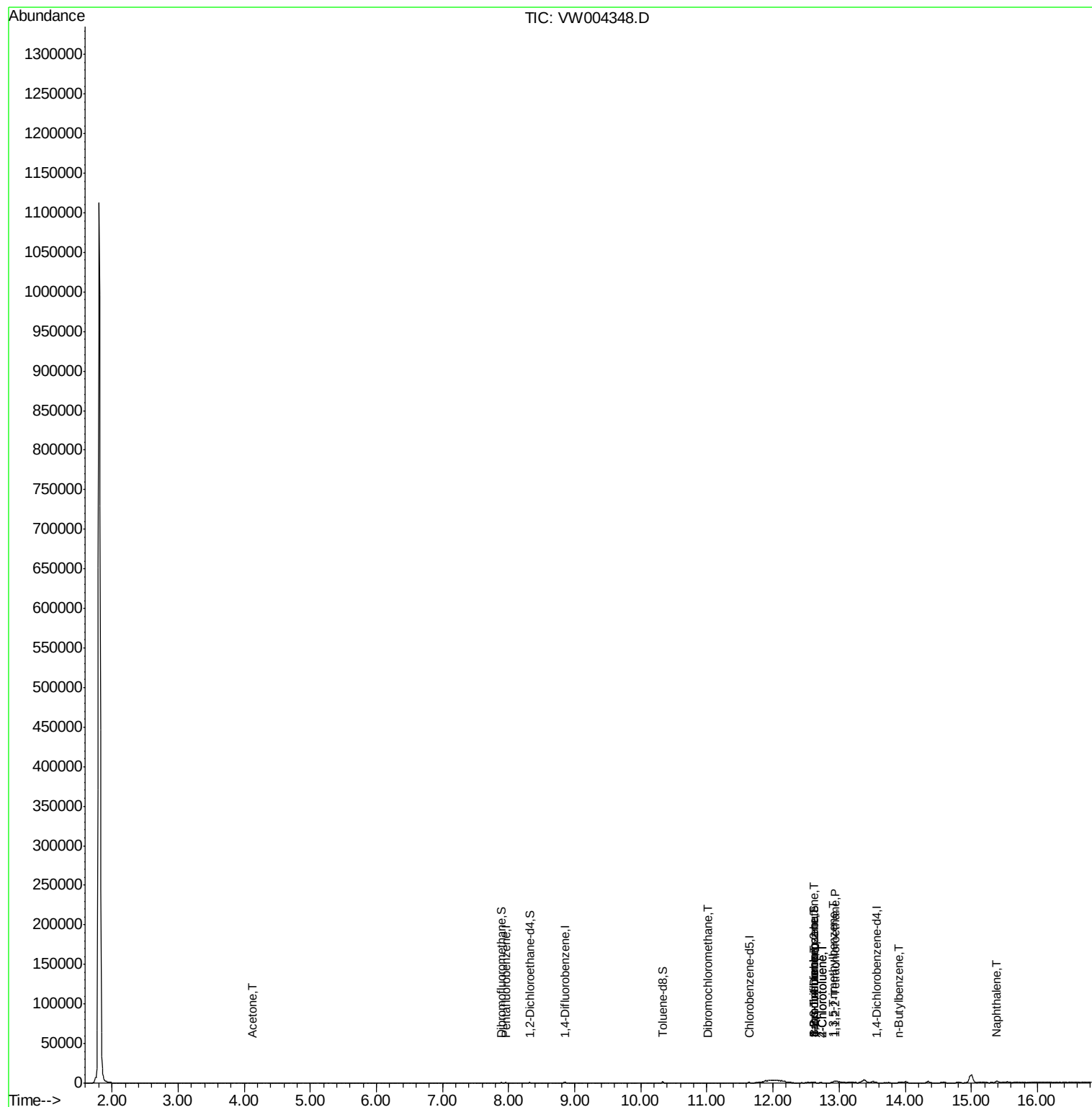
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	188	83.703	ug/l #	48
60) Dibromochloromethane	11.02	129	19	2.173	ug/l #	10
75) 1,1,2,2-Tetrachloroethane	12.93	83	19	5.267	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	221	81.533	ug/l #	100
77) Bromobenzene	12.62	156	170	34.165	ug/l #	1
79) 2-Chlorotoluene	12.75	91	20	1.394	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.90	105	23	1.296	ug/l #	27
81) trans-1,4-Dichloro-2-buten	12.62	75	221	189.716	ug/l #	11
82) 4-Chlorotoluene	12.75	91	20	1.317	ug/l #	40
89) n-Butylbenzene	13.89	91	24	1.326	ug/l #	33
95) Naphthalene	15.38	128	256	23.771	ug/l #	69

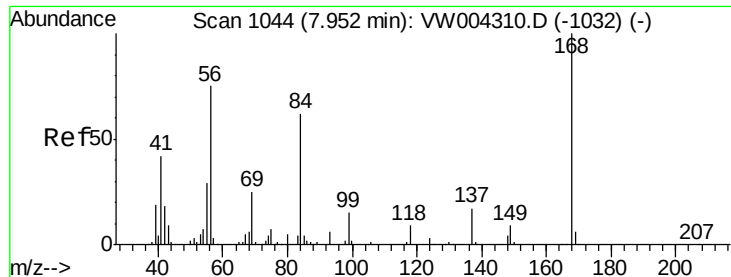
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
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Operator : SY/AP
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ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 30 08:34:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 30 02:37:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VW004348.D

Acq: 30 Jul 2018 08:01

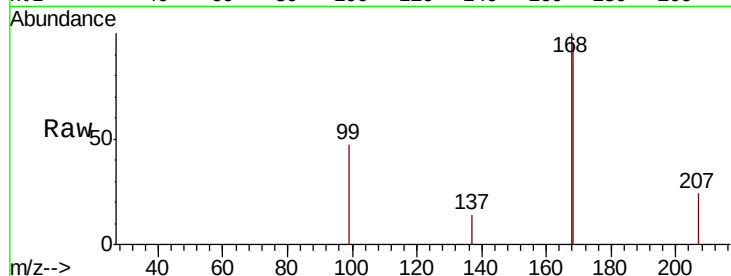
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 997

Ion Ratio Lower Upper

168 100

99 24.0 45.0 67.4#



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

800

600

400

200

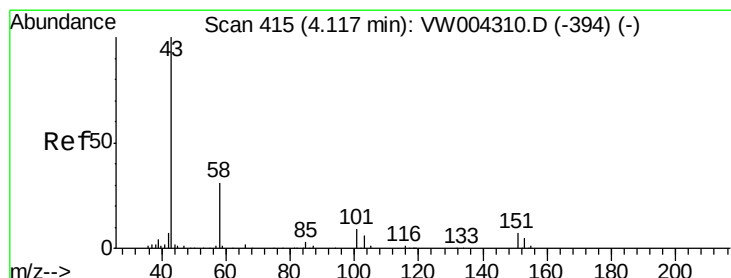
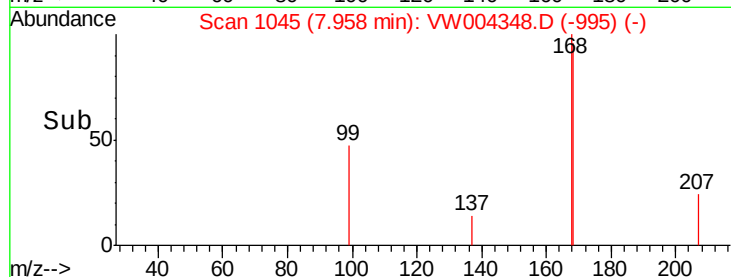
0

7.90

7.95

8.00

Time-->



#16

Acetone

Concen: 83.703 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.01 min

Lab File: VW004348.D

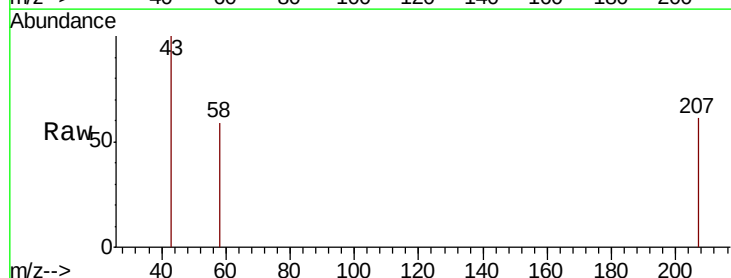
Acq: 30 Jul 2018 08:01

Tgt Ion: 43 Resp: 188

Ion Ratio Lower Upper

43 100

58 59.4 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

150

100

50

0

4.08

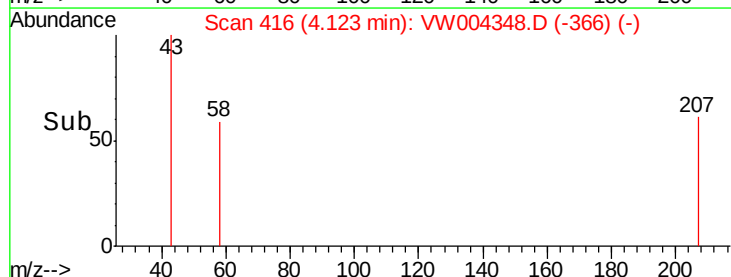
4.10

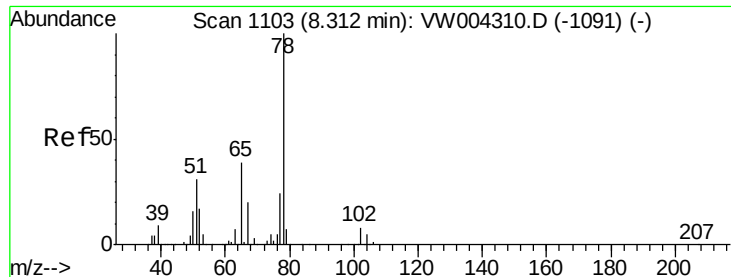
4.12

4.14

4.16

Time-->

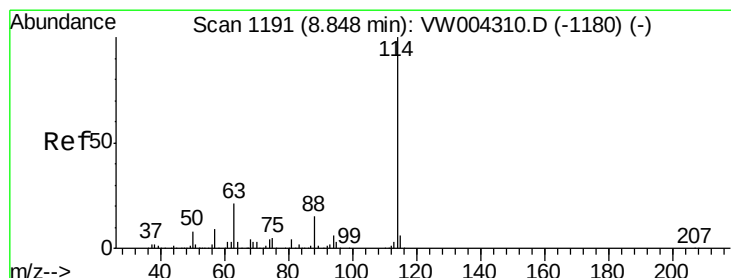
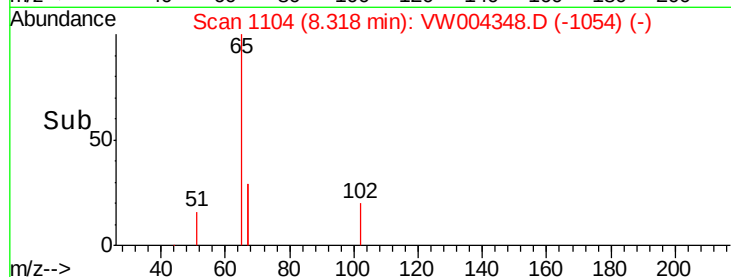
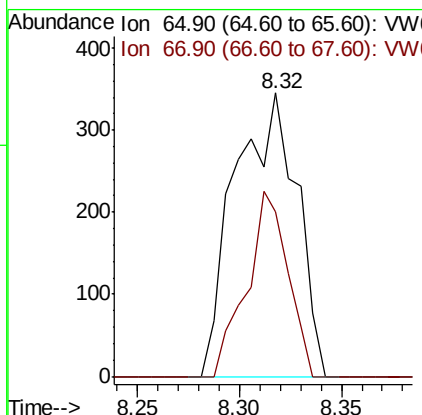
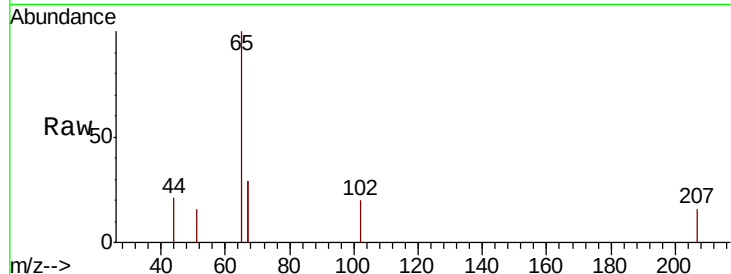




#33
 1,2-Dichloroethane-d4
 Concen: 72.686 ug/l
 RT: 8.32 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: VW004348.D
 Acq: 30 Jul 2018 08:01

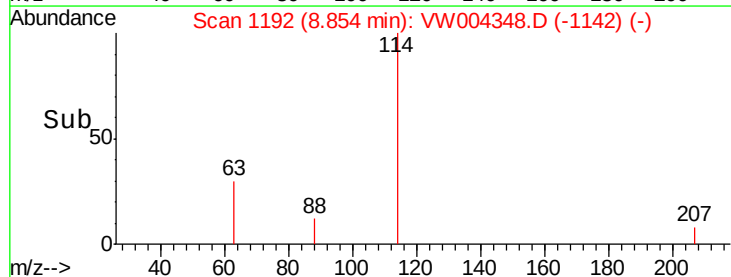
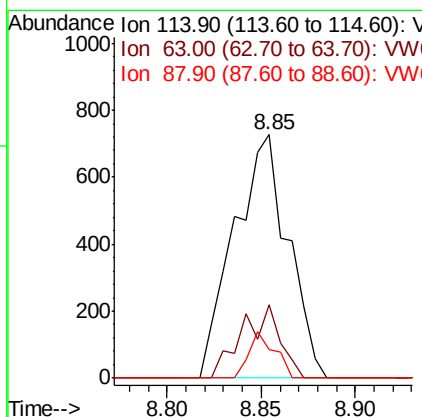
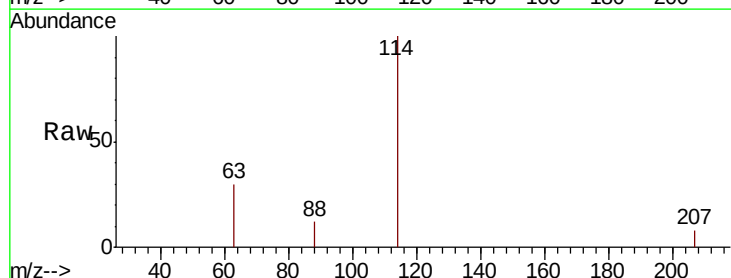
Instrument :
 MSVOA_W
 ClientSampleId :

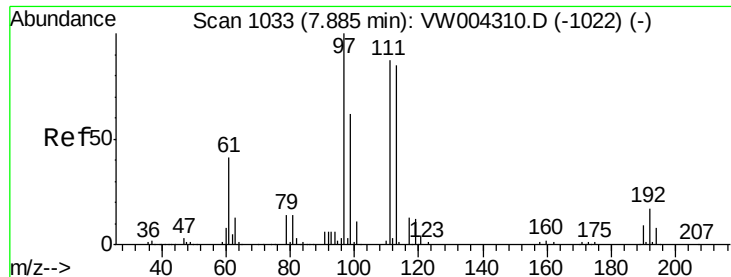
Tot Ion: 65 Resp: 731
 Ion Ratio Lower Upper
 65 100
 67 43.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: VW004348.D
 Acq: 30 Jul 2018 08:01

Tgt Ion: 114 Resp: 1438
 Ion Ratio Lower Upper
 114 100
 63 30.1 0.0 41.4
 88 11.7 0.0 30.6

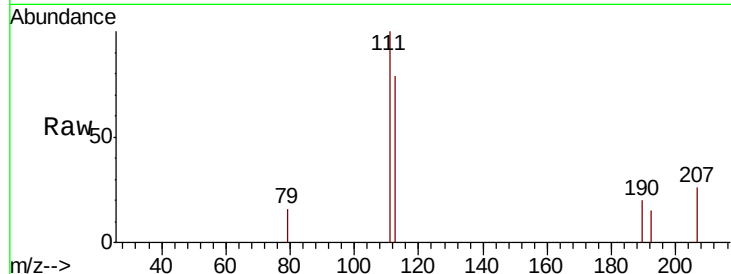




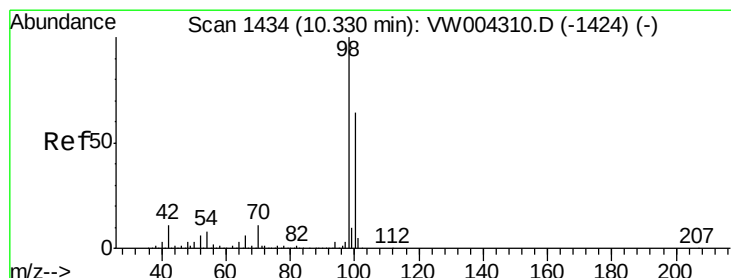
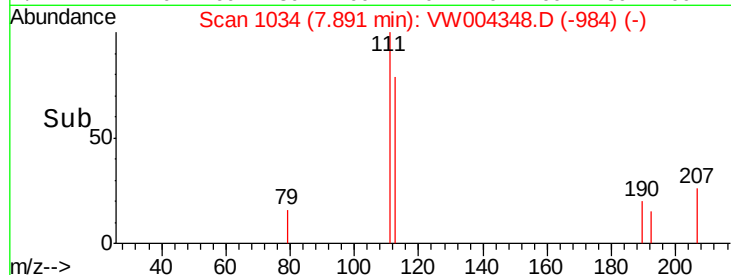
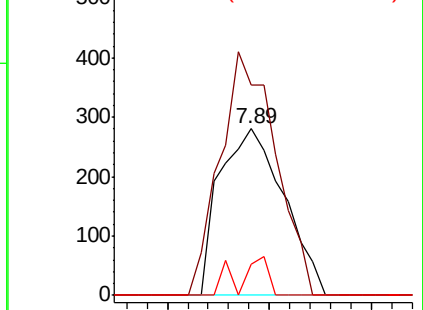
#35
 Dibromofluoromethane
 Concen: 67.895 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004348.D
 Acq: 30 Jul 2018 08:01

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:113 Resp: 617
 Ion Ratio Lower Upper
 113 100
 111 125.8 82.1 123.1#
 192 10.5 16.2 24.4#

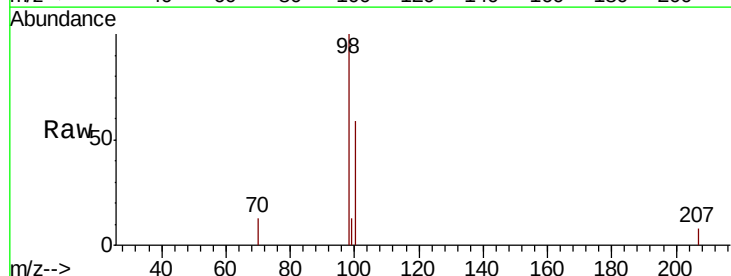


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

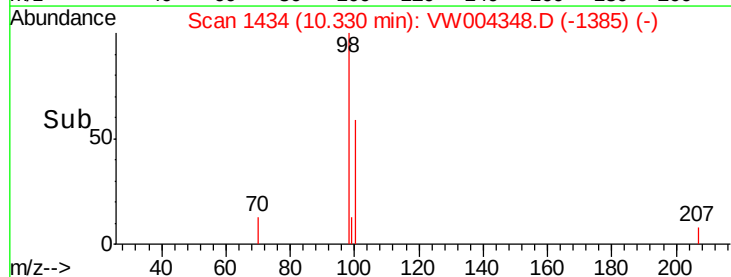
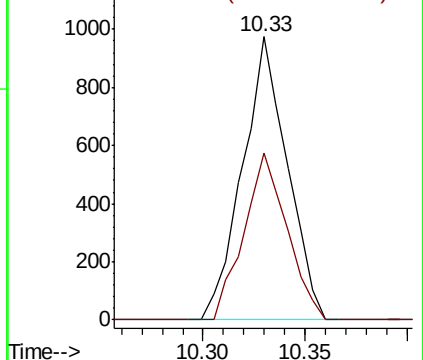


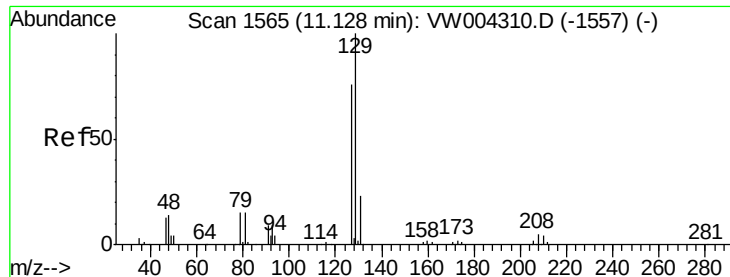
#50
 Toluene-d8
 Concen: 41.487 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004348.D
 Acq: 30 Jul 2018 08:01

Tgt Ion: 98 Resp: 1490
 Ion Ratio Lower Upper
 98 100
 100 56.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#60

Dibromochloromethane

Concen: 2.173 ug/l

RT: 11.02 min Scan# 1547

Delta R.T. -0.11 min

Lab File: VW004348.D

Acq: 30 Jul 2018 08:01

Instrument :

MSVOA_W

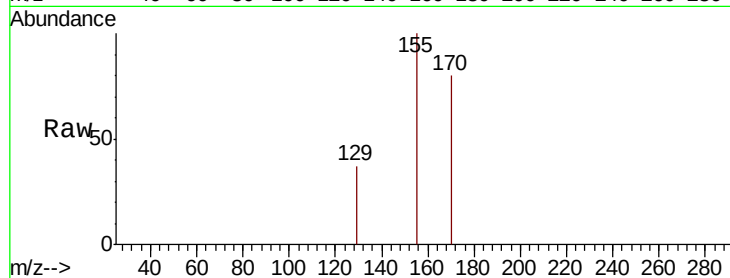
ClientSampled :

Tot Ion:129 Resp: 19

Ion Ratio Lower Upper

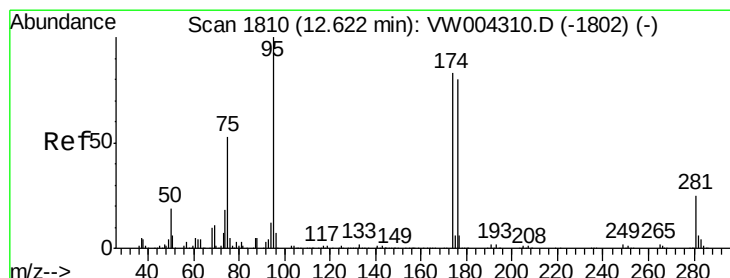
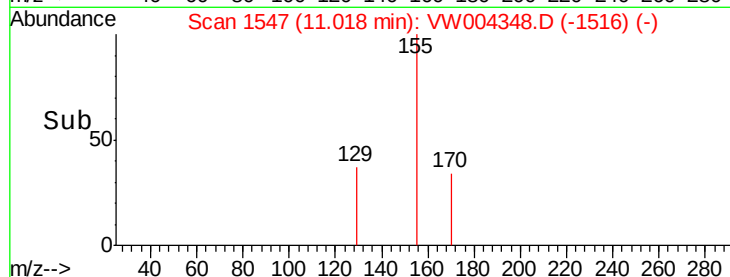
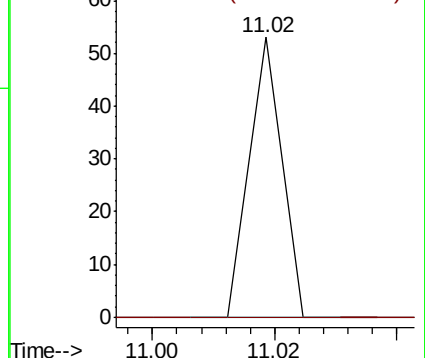
129 100

127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 33.925 ug/l

RT: 12.62 min Scan# 1809

Delta R.T. -0.01 min

Lab File: VW004348.D

Acq: 30 Jul 2018 08:01

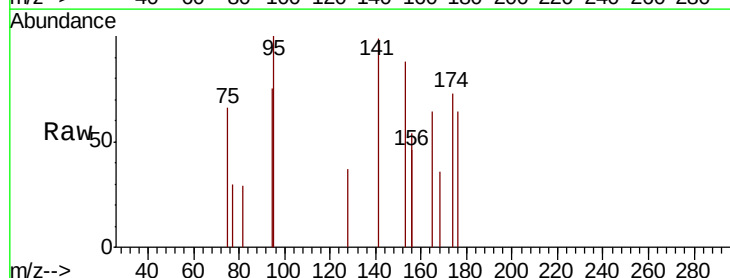
Tgt Ion: 95 Resp: 429

Ion Ratio Lower Upper

95 100

174 69.0 0.0 167.8

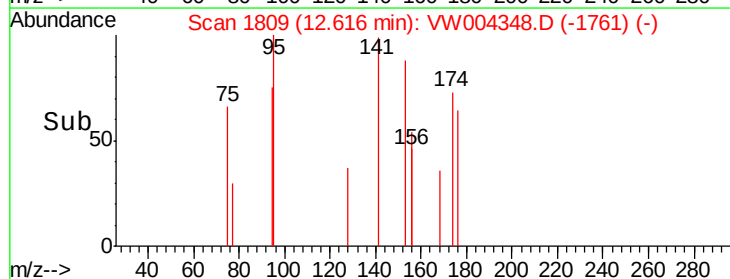
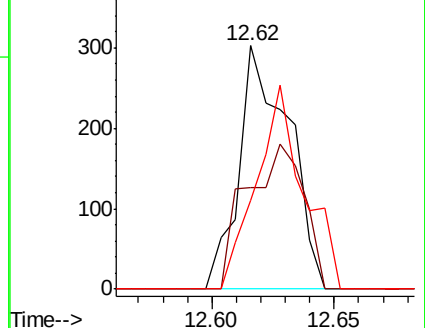
176 79.0 0.0 162.4

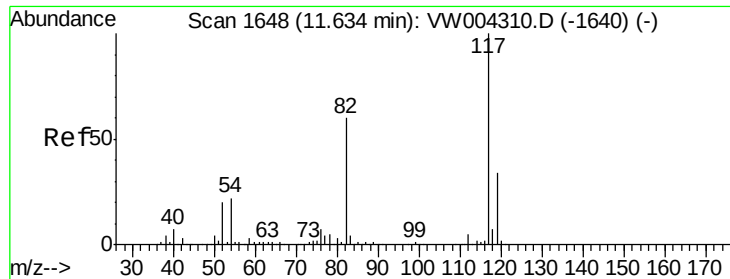


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

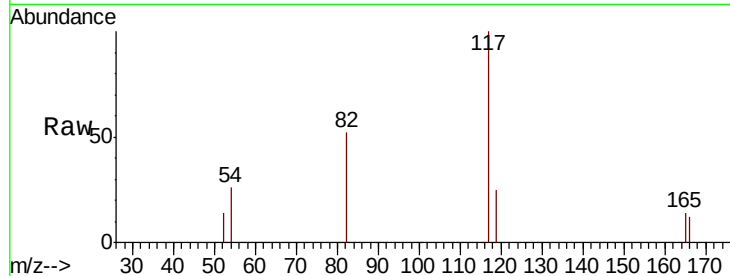




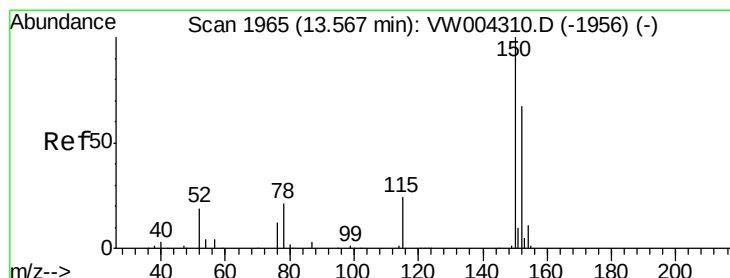
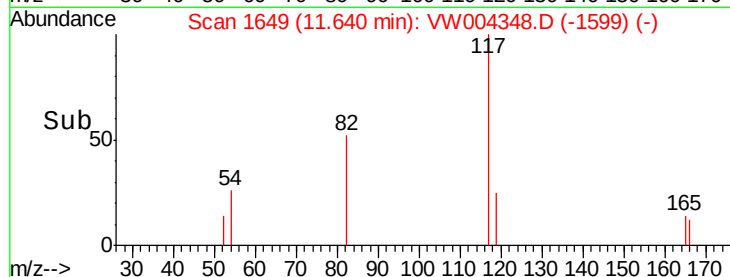
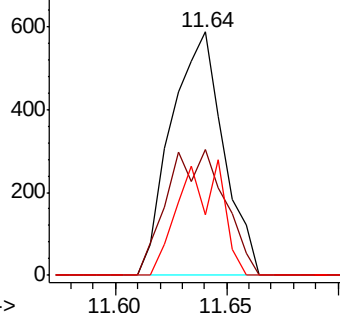
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004348.D
Acq: 30 Jul 2018 08:01

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 958
Ion Ratio Lower Upper
117 100
82 51.9 47.9 71.9
119 24.8 27.1 40.7#

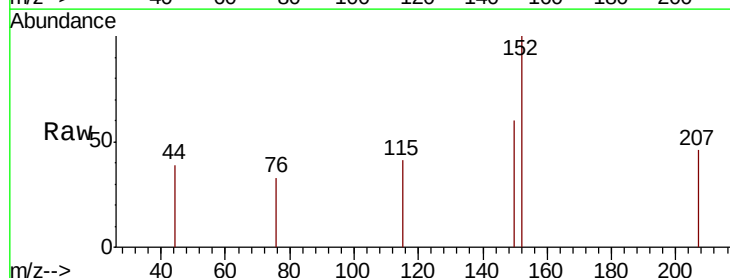


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

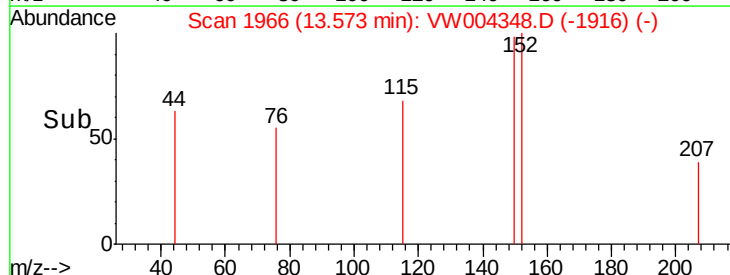
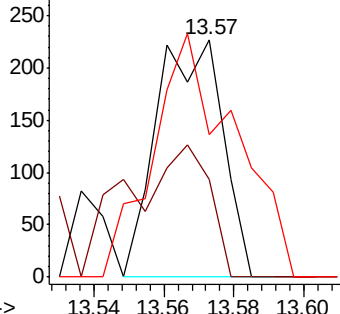


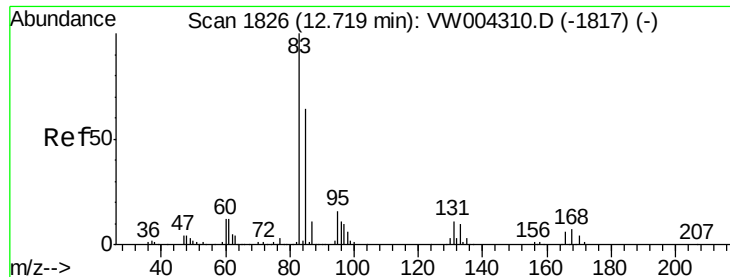
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. 0.01 min
Lab File: VW004348.D
Acq: 30 Jul 2018 08:01

Tgt Ion:152 Resp: 297
Ion Ratio Lower Upper
152 100
115 69.0 28.8 86.4
150 127.9 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: 5.267 ug/l

RT: 12.93 min Scan# 1860

Delta R.T. 0.21 min

Lab File: VW004348.D

Acq: 30 Jul 2018 08:01

Instrument :

MSVOA_W

ClientSampleId :

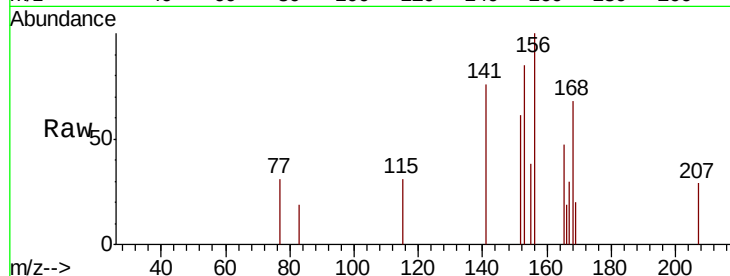
Tot Ion: 83 Resp: 19

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

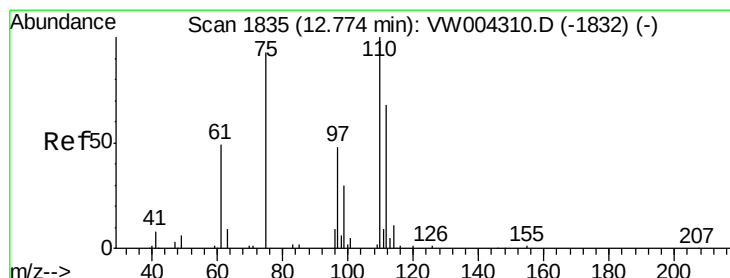
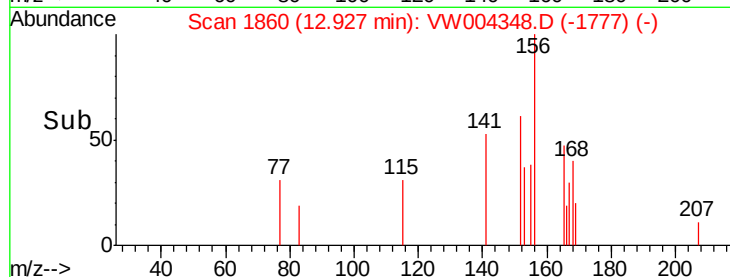
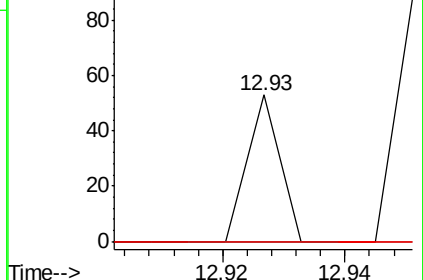
85 0.0 31.9 95.9#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 81.533 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004348.D

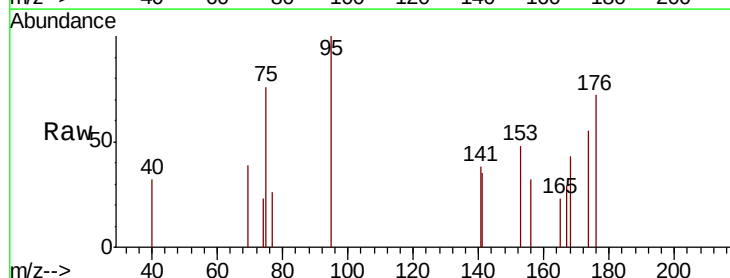
Acq: 30 Jul 2018 08:01

Tgt Ion: 75 Resp: 221

Ion Ratio Lower Upper

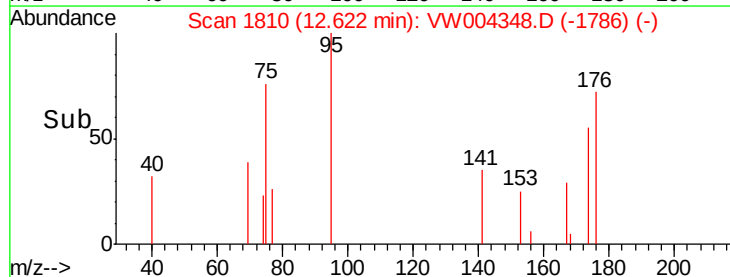
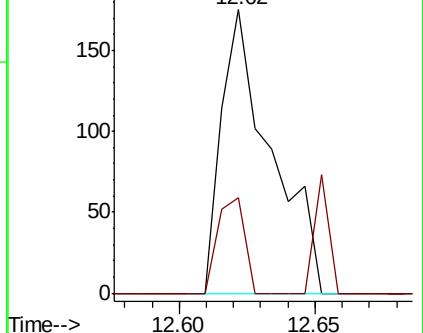
75 100

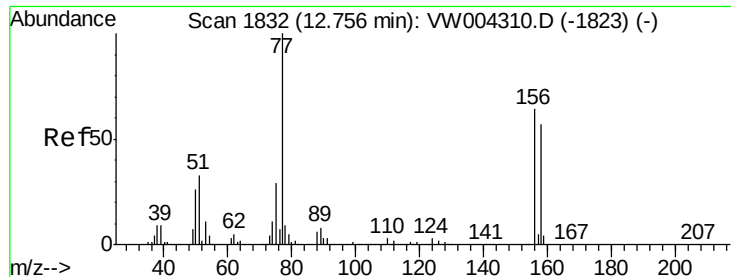
77 18.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 34.165 ug/l

RT: 12.62 min Scan# 1809

Delta R.T. -0.14 min

Lab File: VW004348.D

Acq: 30 Jul 2018 08:01

Instrument :

MSVOA_W

ClientSampleId :

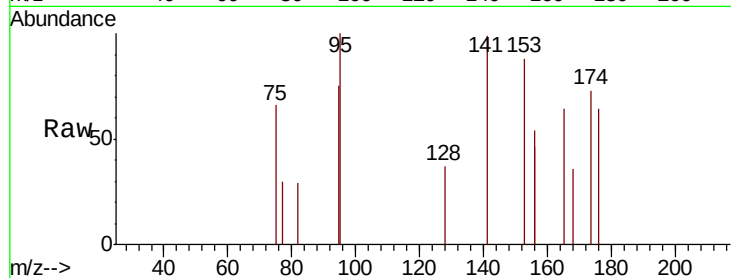
Tot Ion:156 Resp: 170

Ion Ratio Lower Upper

156 100

77 24.1 92.9 278.7#

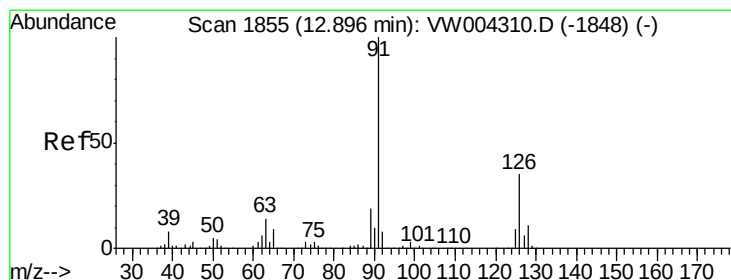
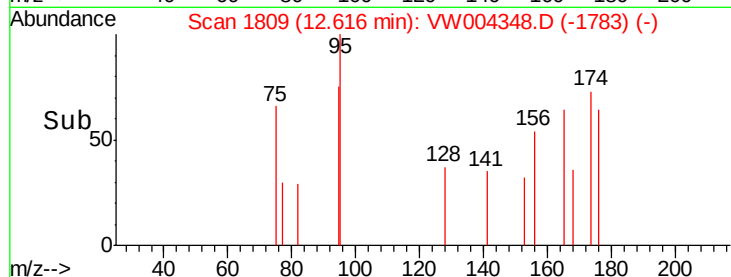
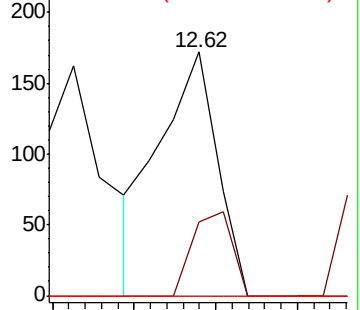
158 0.0 47.6 142.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#79

2-Chlorotoluene

Concen: 1.394 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.15 min

Lab File: VW004348.D

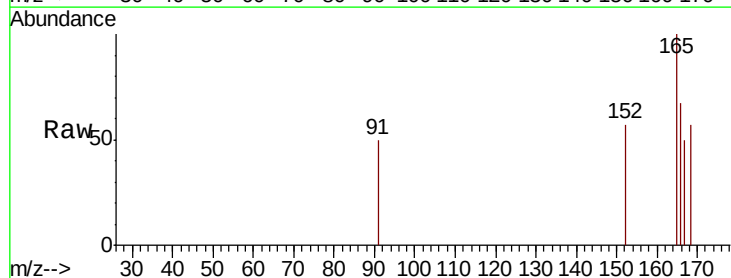
Acq: 30 Jul 2018 08:01

Tgt Ion: 91 Resp: 20

Ion Ratio Lower Upper

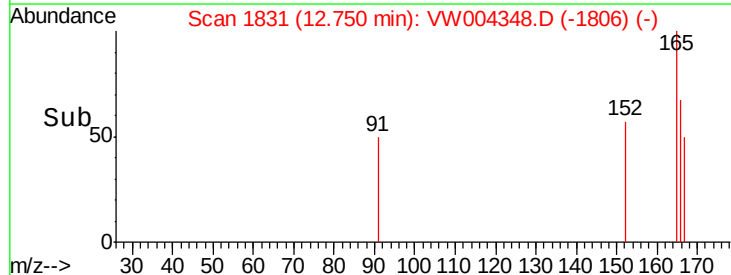
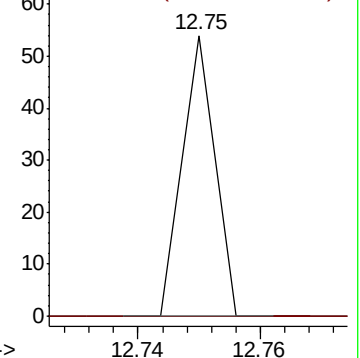
91 100

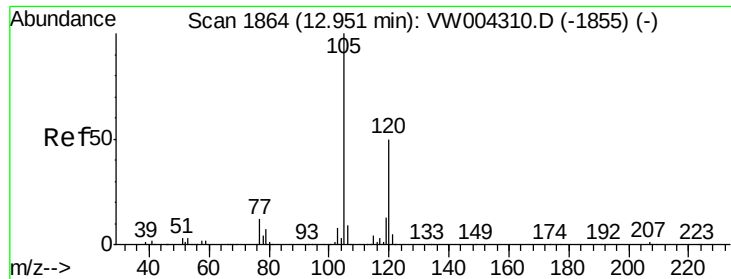
126 0.0 17.1 51.2#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

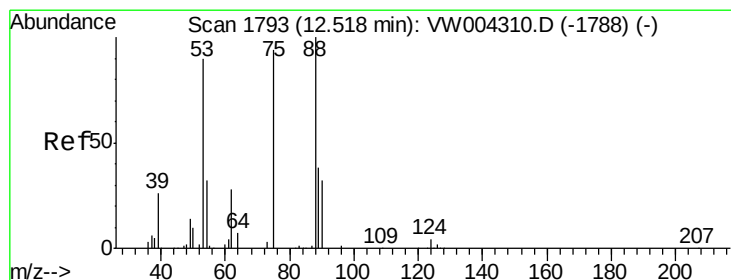
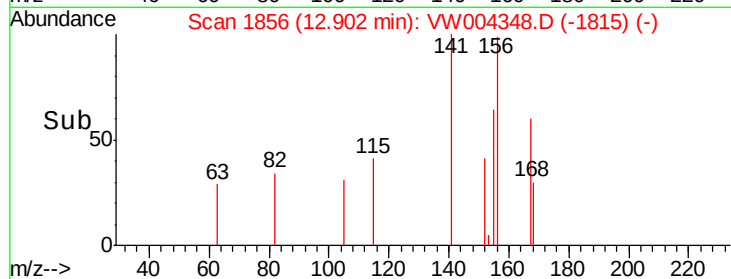
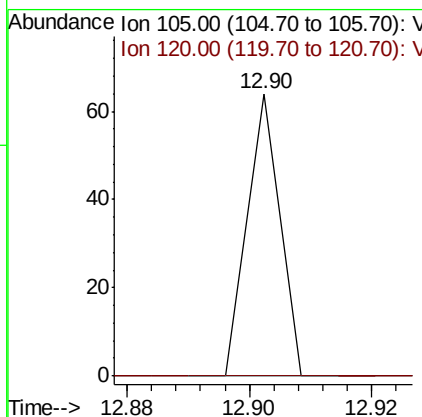
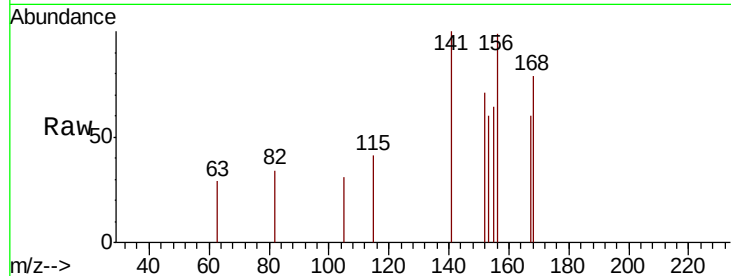




#80
 1,3,5-Trimethylbenzene
 Concen: 1.296 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. -0.05 min
 Lab File: VW004348.D
 Acq: 30 Jul 2018 08:01

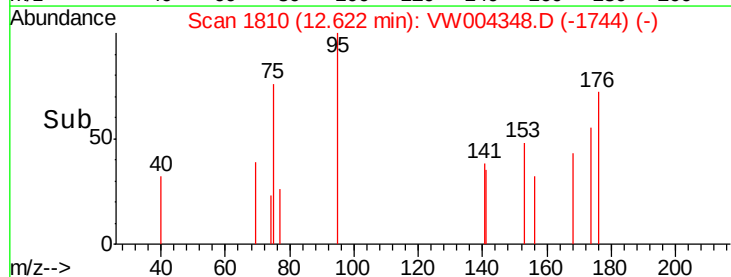
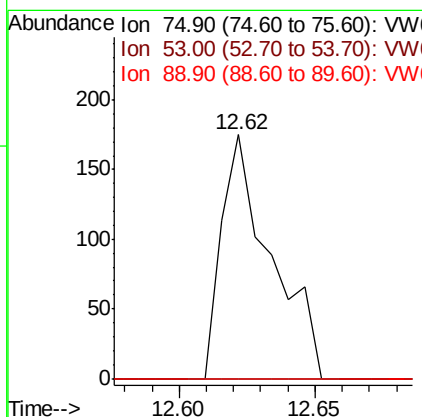
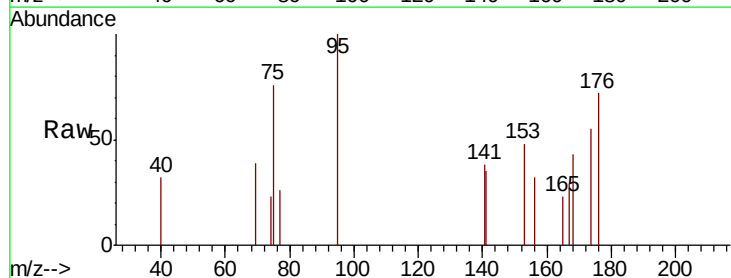
Instrument :
 MSVOA_W
 ClientSampleId :

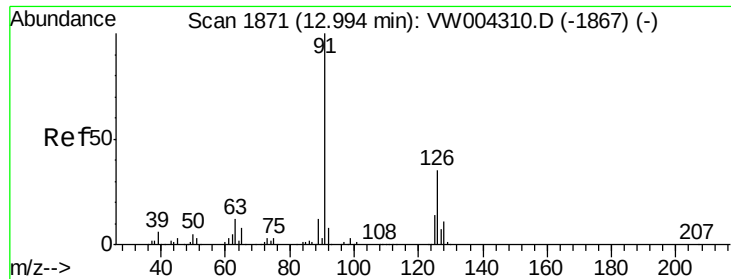
Tot Ion: 105 Resp: 23
 Ion Ratio Lower Upper
 105 100
 120 0.0 25.1 75.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 189.716 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004348.D
 Acq: 30 Jul 2018 08:01

Tgt Ion: 75 Resp: 221
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 36.0 54.0#





#82

4-Chlorotoluene

Concen: 1.317 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.24 min

Lab File: VW004348.D

Acq: 30 Jul 2018 08:01

Instrument :

MSVOA_W

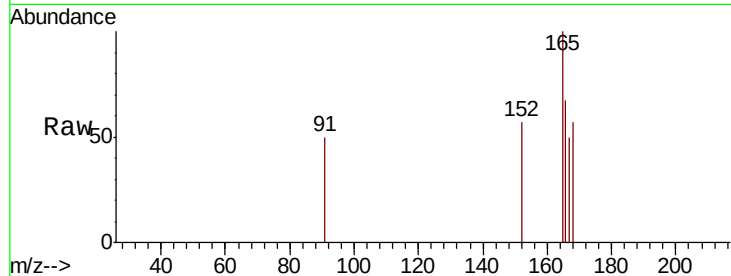
ClientSampleId :

Tot Ion: 91 Resp: 20

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

12.75

60

50

40

30

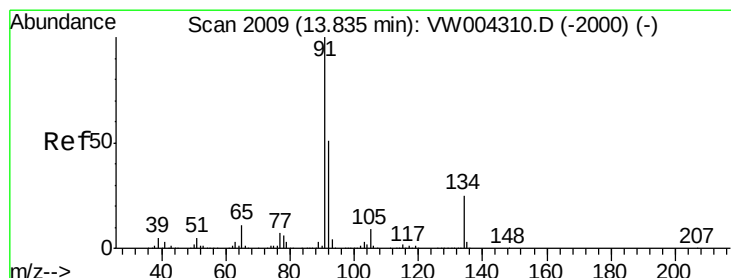
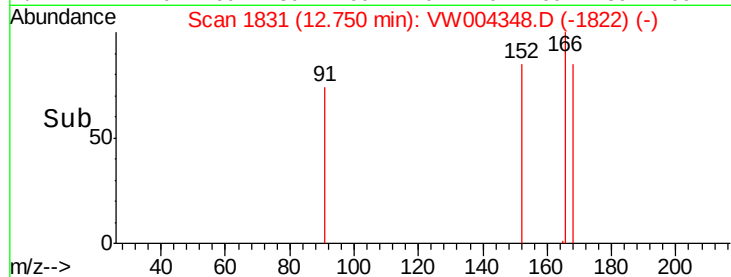
20

10

0

12.74 12.76

Time-->



#89

n-Butylbenzene

Concen: 1.326 ug/l

RT: 13.89 min Scan# 2018

Delta R.T. 0.05 min

Lab File: VW004348.D

Acq: 30 Jul 2018 08:01

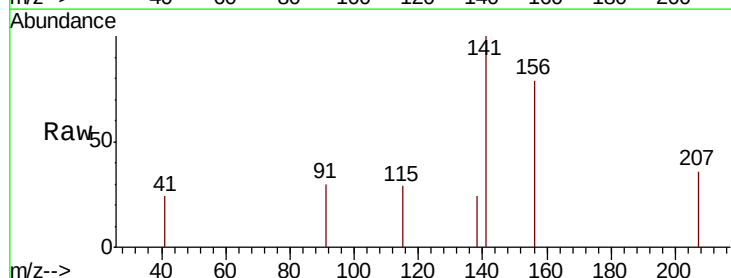
Tgt Ion: 91 Resp: 24

Ion Ratio Lower Upper

91 100

92 0.0 26.4 79.2#

134 0.0 12.9 38.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V

80

60

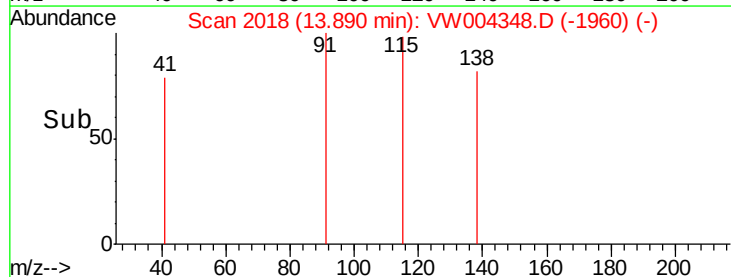
40

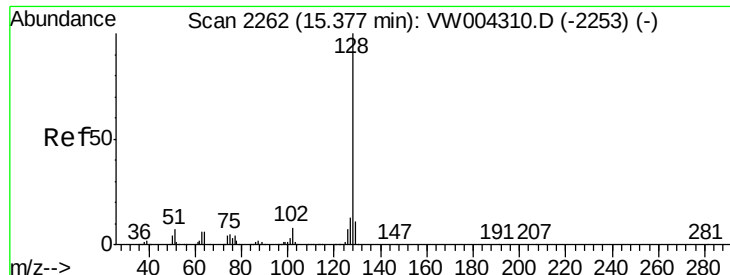
20

0

13.88 13.90

Time-->





#95

Naphthalene

Concen: 23.771 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

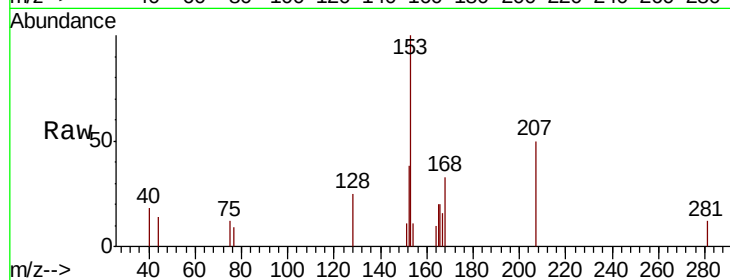
Lab File: VW004348.D

Acq: 30 Jul 2018 08:01

Instrument :

MSVOA_W

ClientSampleId :



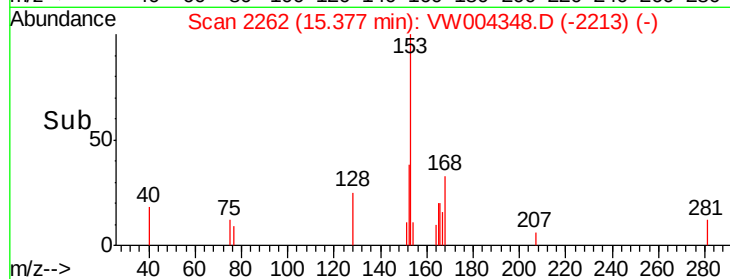
Tot Ion:128 Resp: 256

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 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

