

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102918\
 Data File : VW006433.D
 Acq On : 27 Oct 2018 05:42
 Operator : SY/AP
 Sample : J5636-01RE
 Misc : 5.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-ARE

Quant Time: Oct 27 07:00:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	315477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	195558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	52358	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	93282	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
35) Dibromofluoromethane	7.88	113	97852	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
50) Toluene-d8	10.32	98	313588	44.22	ug/l	0.00
Spiked Amount			Recovery	=	88.44%	
62) 4-Bromofluorobenzene	12.62	95	64983	24.40	ug/l	0.00
Spiked Amount			Recovery	=	48.80%	

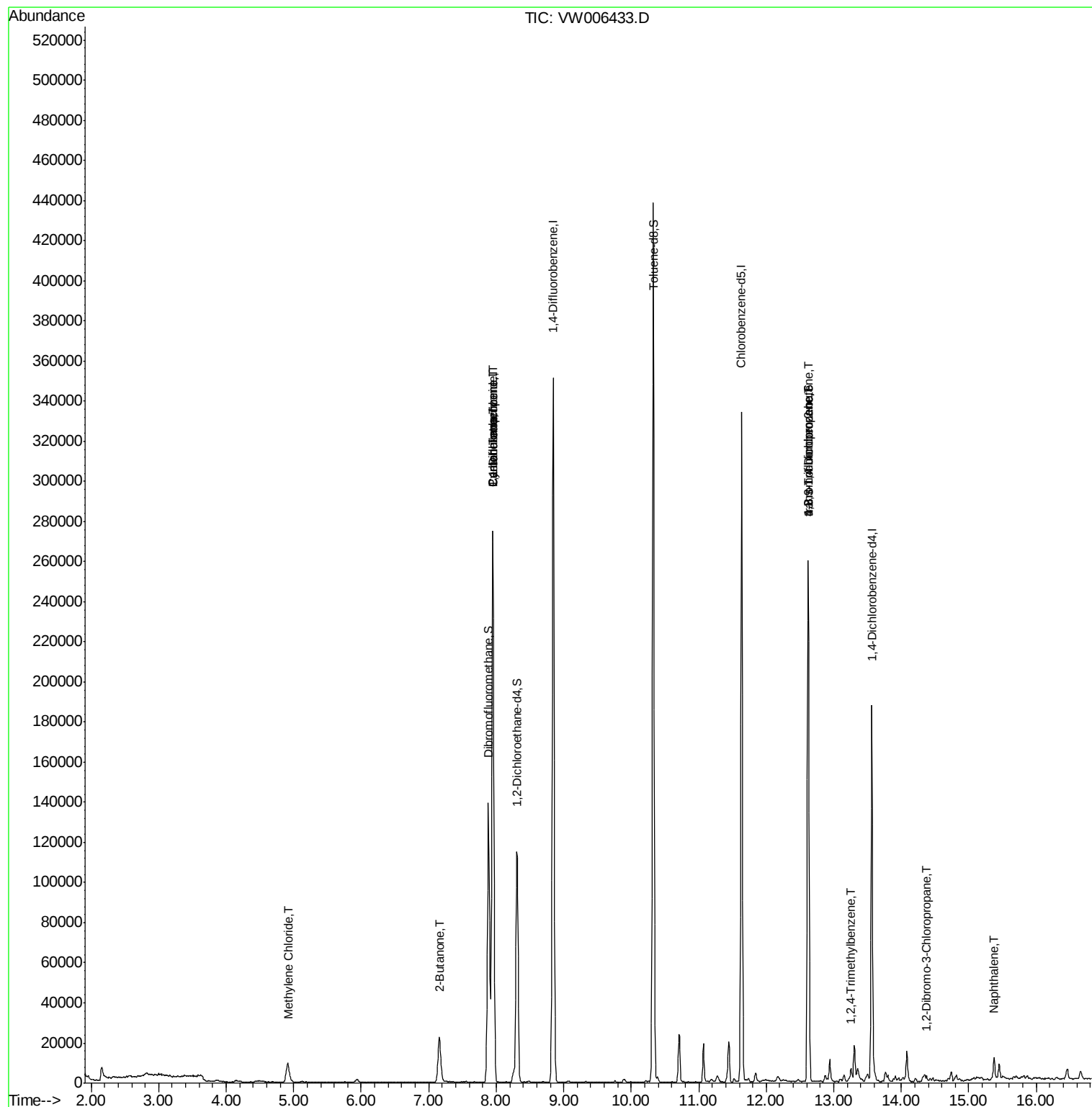
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	1732	Below Cal		94
20) Methylene Chloride	4.92	84	8184	2.591	ug/l #	85
25) 2-Butanone	7.16	43	1476	2.921	ug/l #	46
31) Cyclohexane	7.95	56	3840	1.122	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14553	5.005	ug/l #	48
38) Carbon Tetrachloride	7.95	117	19944	6.257	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	32238	80.613	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	32238	192.696	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.26	105	3995	1.266	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.38	75	293	2.909	ug/l #	1
95) Naphthalene	15.38	128	10908	5.299	ug/l	99

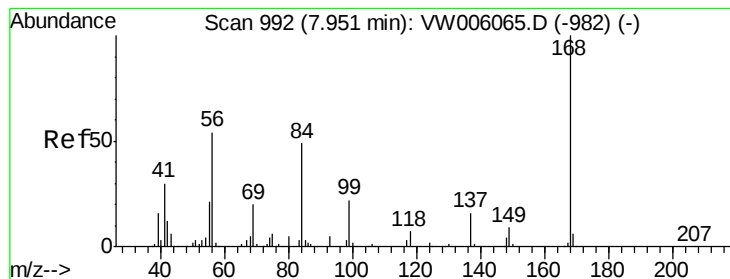
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102918\
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Quant Time: Oct 27 07:00:13 2018
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006433.D

Acq: 27 Oct 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

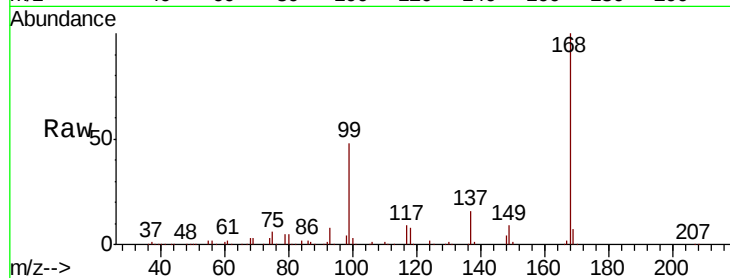
HP-GRID-ARE

Tgt Ion:168 Resp: 225646

Ion Ratio Lower Upper

168 100

99 48.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

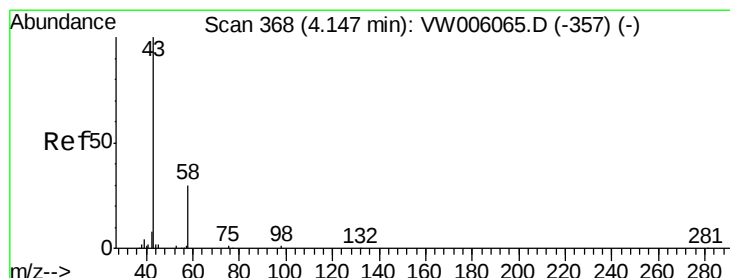
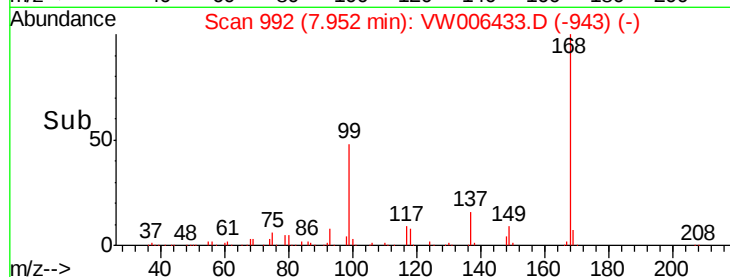
60000

40000

20000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006433.D

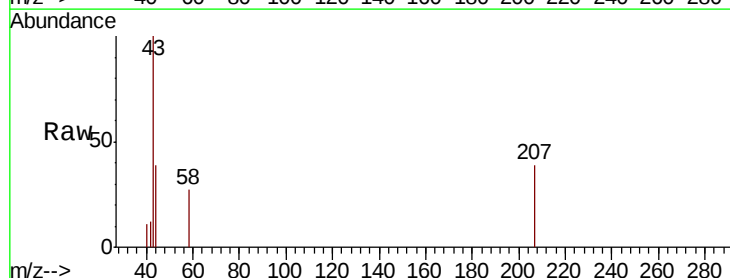
Acq: 27 Oct 2018 05:42

Tgt Ion: 43 Resp: 1732

Ion Ratio Lower Upper

43 100

58 27.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

600

500

400

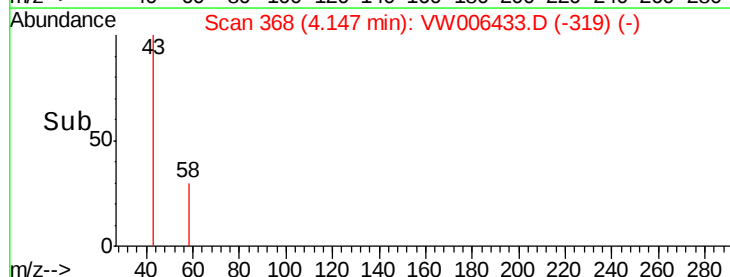
300

200

100

0

Time-->

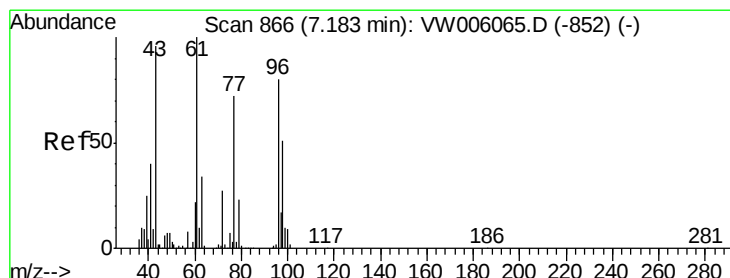
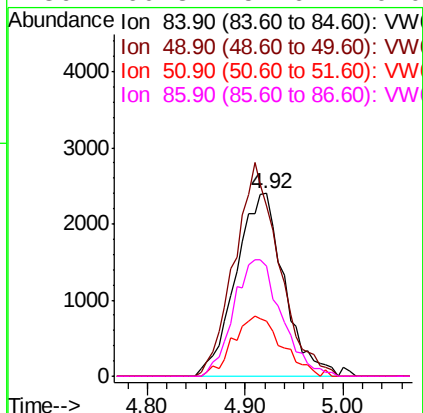
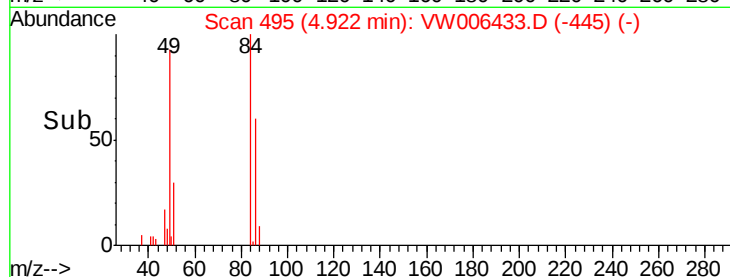
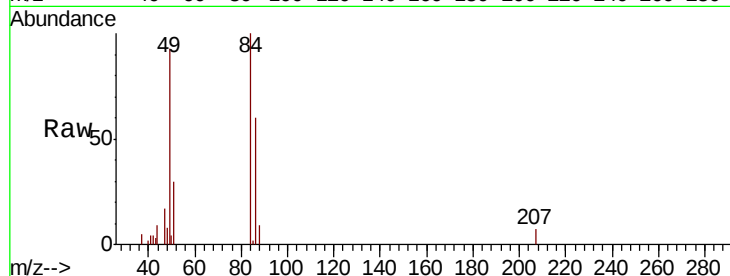




#20
Methylene Chloride
Concen: 2.591 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006433.D
Acq: 27 Oct 2018 05:42

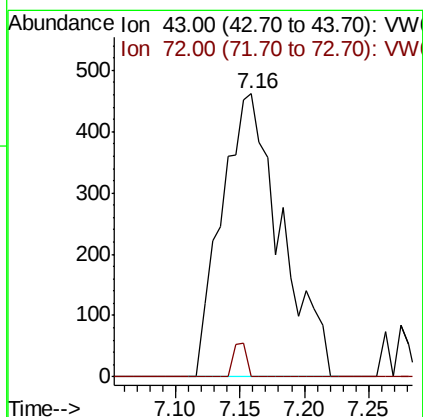
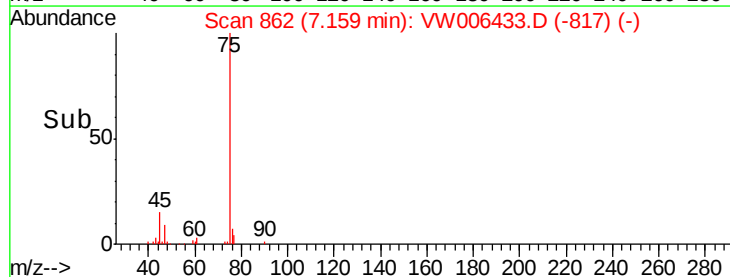
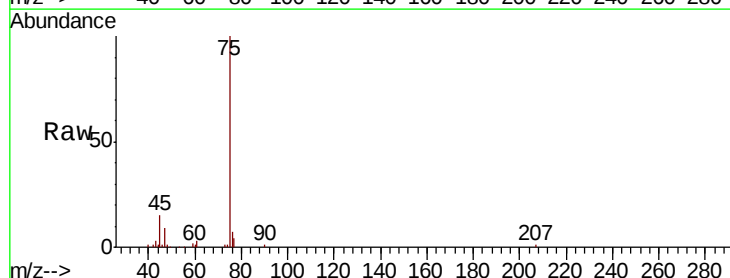
Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-ARE

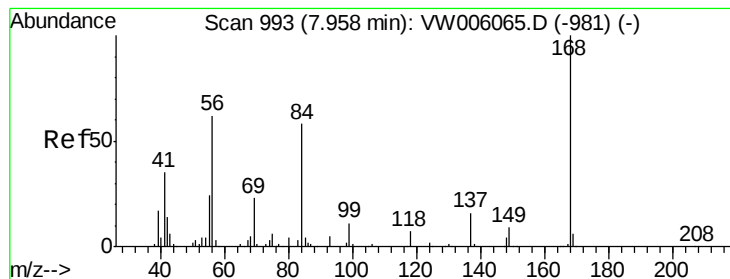
Tgt Ion: 84 Resp: 8184
Ion Ratio Lower Upper
84 100
49 93.1 93.6 140.4#
51 30.4 29.0 43.4
86 60.3 52.6 79.0



#25
2-Butanone
Concen: 2.921 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW006433.D
Acq: 27 Oct 2018 05:42

Tgt Ion: 43 Resp: 1476
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#





#31

Cyclohexane

Concen: 1.122 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006433.D

Acq: 27 Oct 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-ARE

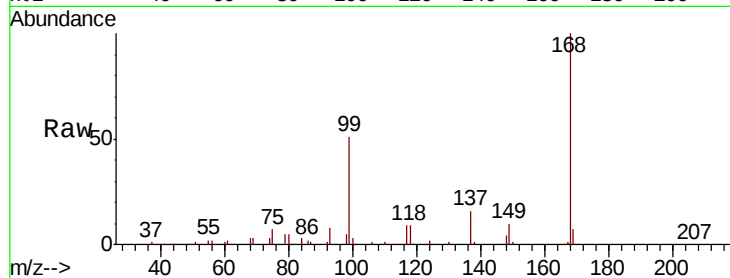
Tgt Ion: 56 Resp: 3840

Ion Ratio Lower Upper

56 100

69 174.8 29.4 44.0#

84 148.8 74.0 111.0#

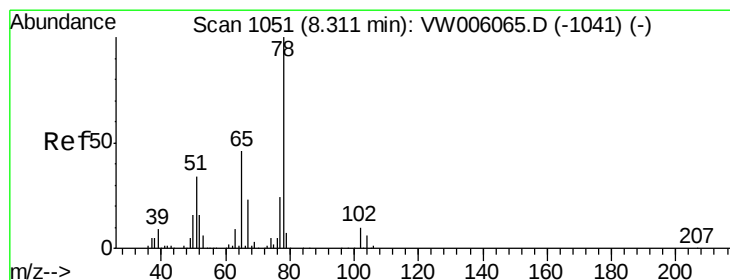
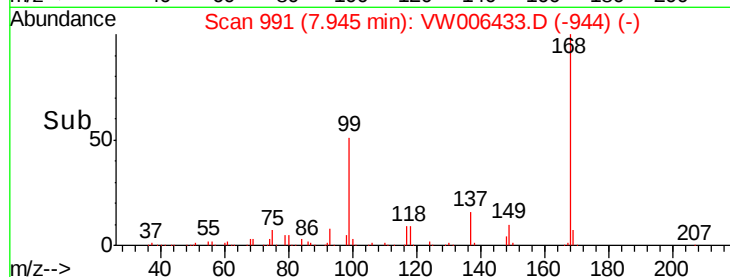
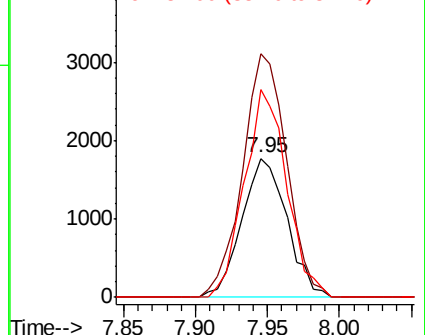


Abundance

Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 49.864 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006433.D

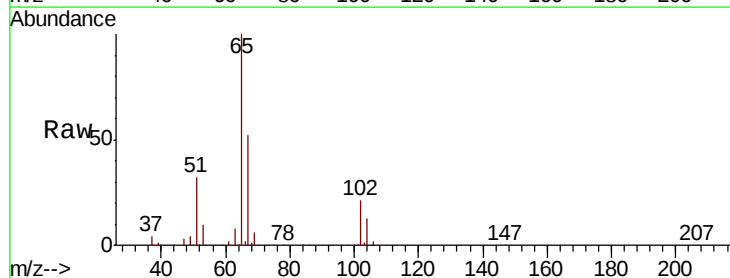
Acq: 27 Oct 2018 05:42

Tgt Ion: 65 Resp: 93282

Ion Ratio Lower Upper

65 100

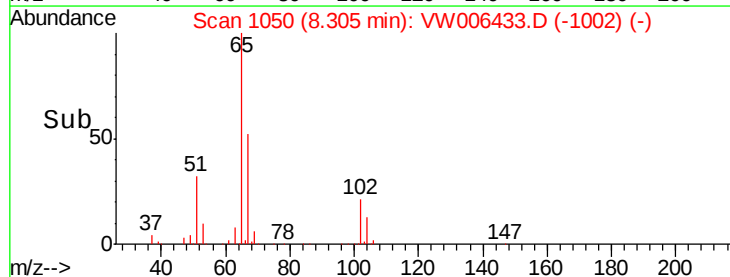
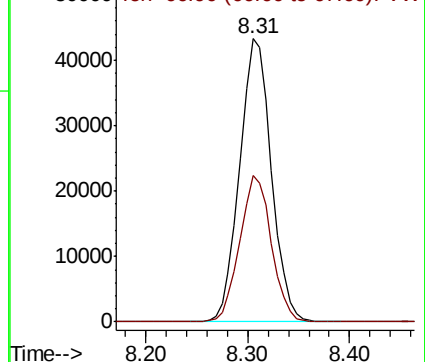
67 51.5 0.0 101.0

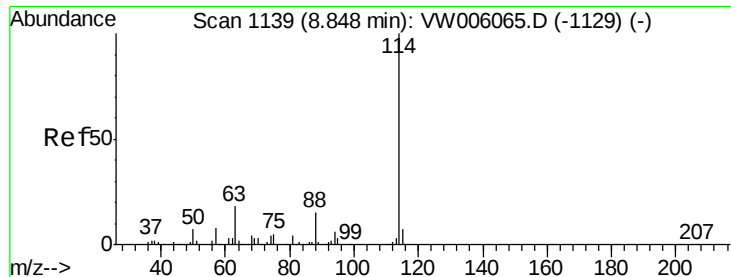


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006433.D

Acq: 27 Oct 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-ARE

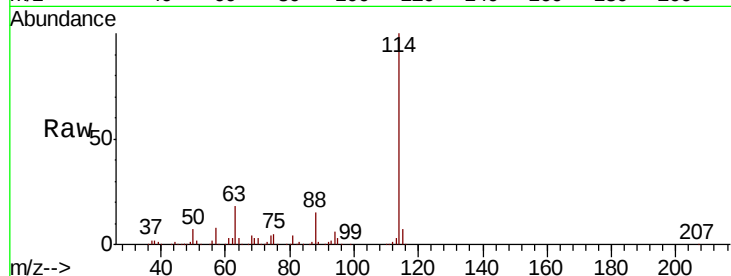
Tgt Ion:114 Resp: 315477

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

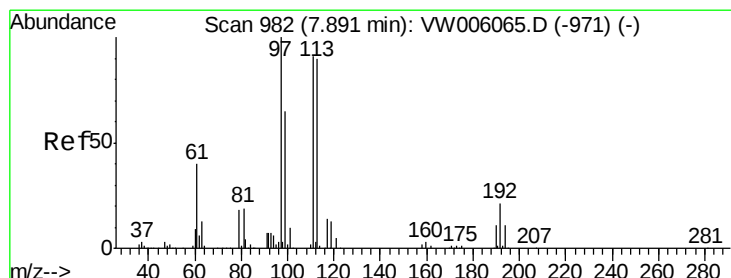
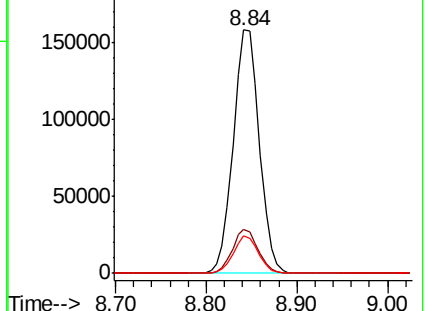
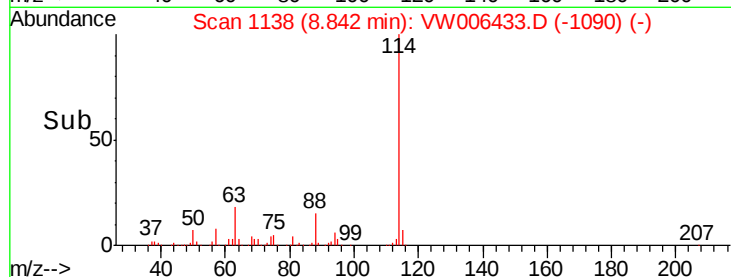
88 15.2 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 52.492 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006433.D

Acq: 27 Oct 2018 05:42

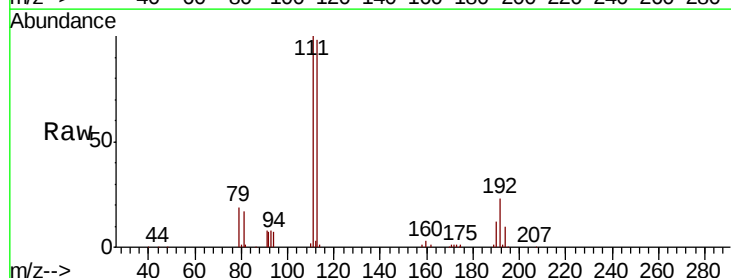
Tgt Ion:113 Resp: 97852

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

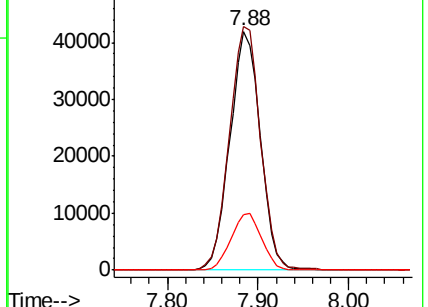
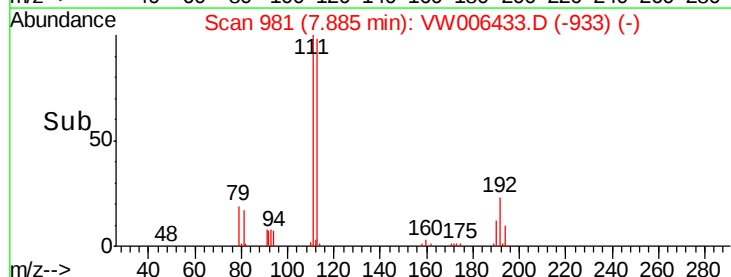
192 23.8 18.7 28.1

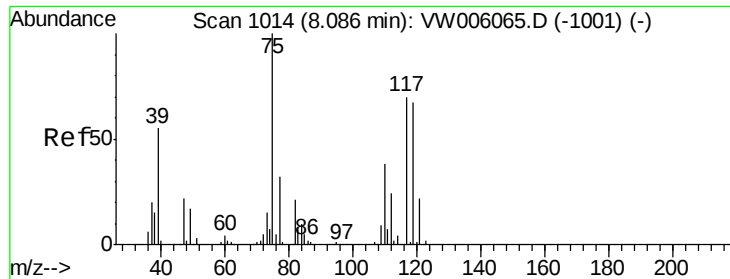


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

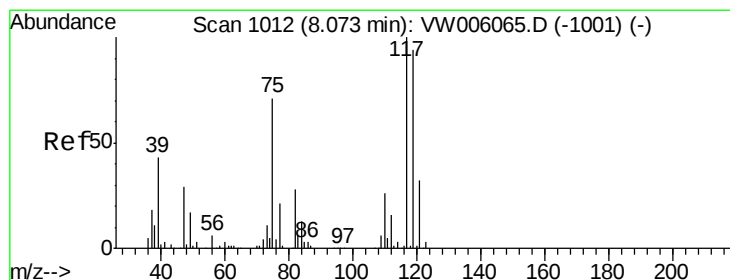
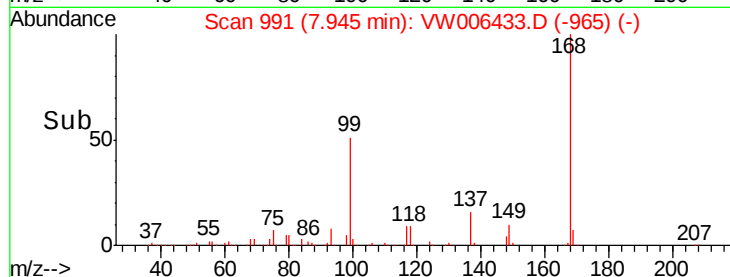
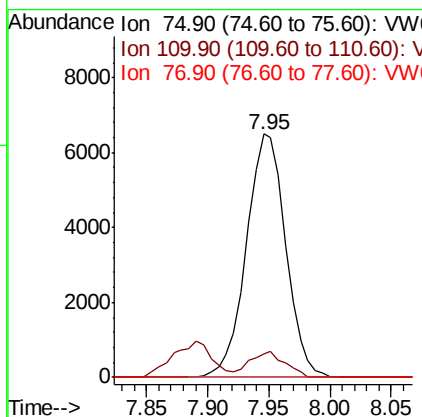
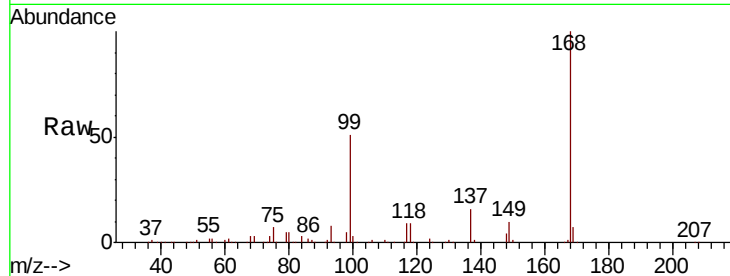




#36
 1,1-Dichloropropene
 Concen: 5.005 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006433.D
 Acq: 27 Oct 2018 05:42

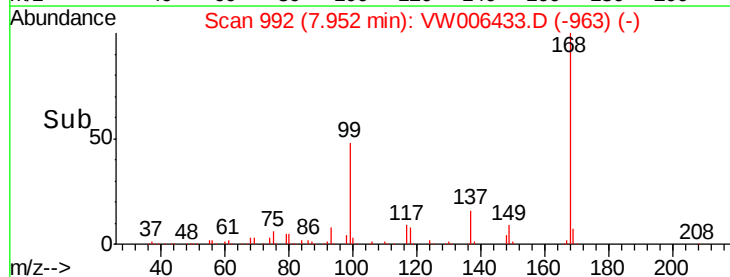
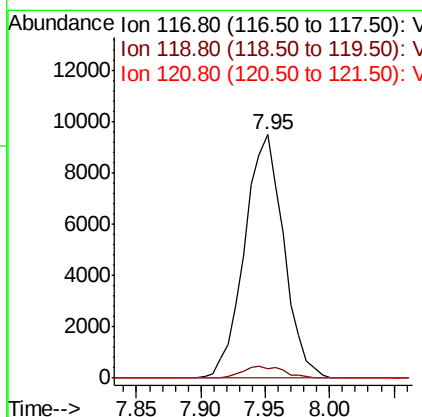
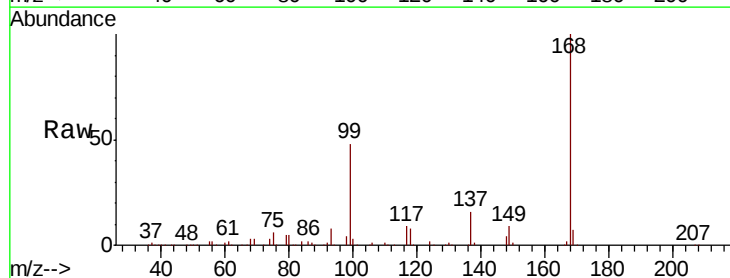
Instrument :
 MSVOA_W
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 HP-GRID-ARE

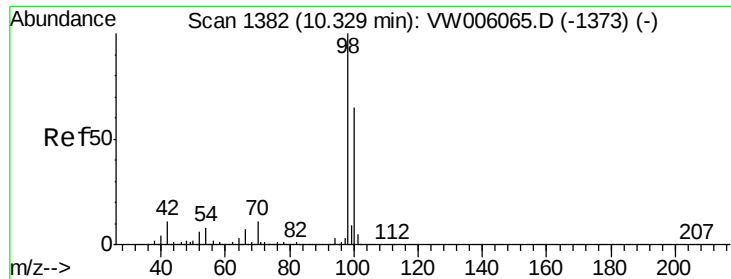
Tgt Ion: 75 Resp: 14553
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.1 57.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.257 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006433.D
 Acq: 27 Oct 2018 05:42

Tgt Ion: 117 Resp: 19944
 Ion Ratio Lower Upper
 117 100
 119 4.0 75.2 112.8#
 121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 44.216 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006433.D

Acq: 27 Oct 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

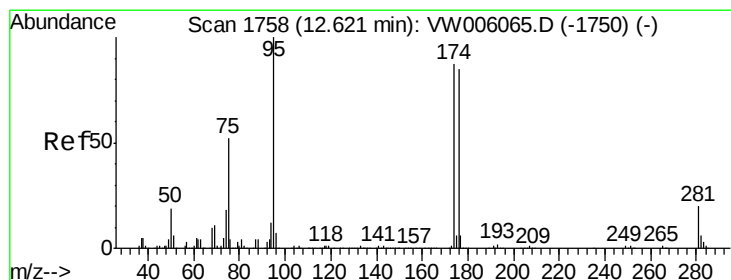
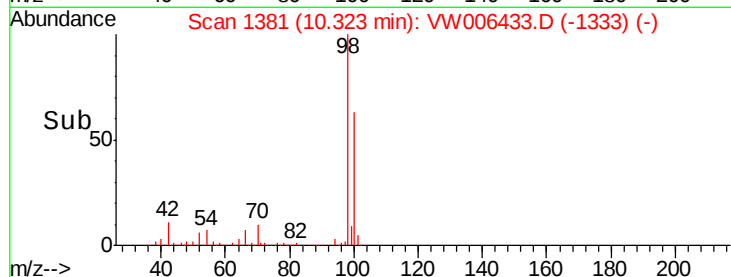
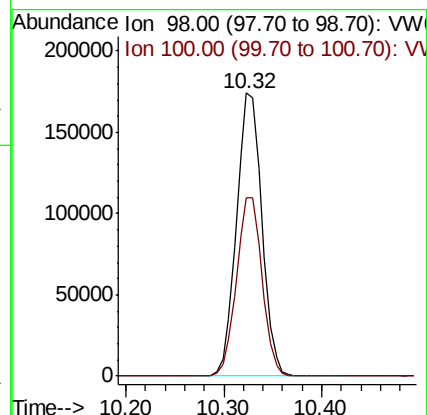
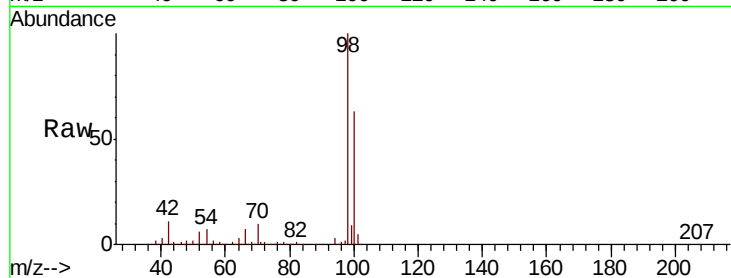
HP-GRID-ARE

Tgt Ion: 98 Resp: 313588

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 24.396 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006433.D

Acq: 27 Oct 2018 05:42

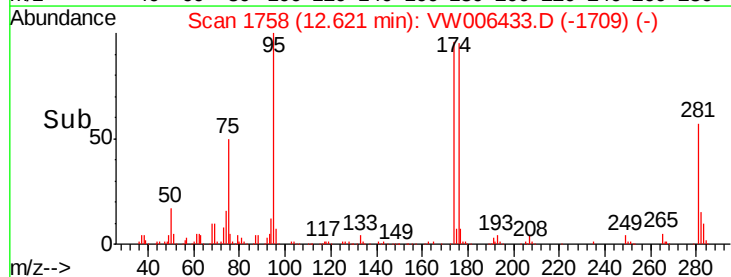
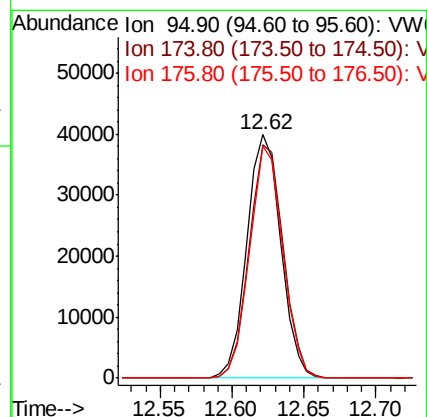
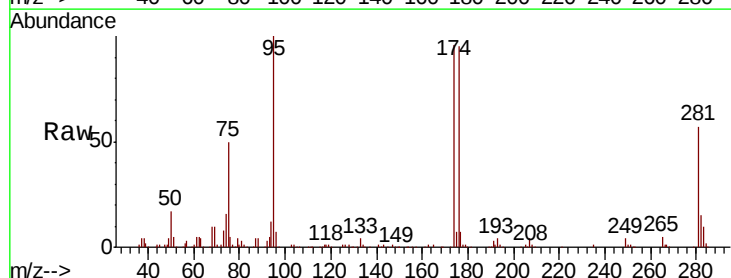
Tgt Ion: 95 Resp: 64983

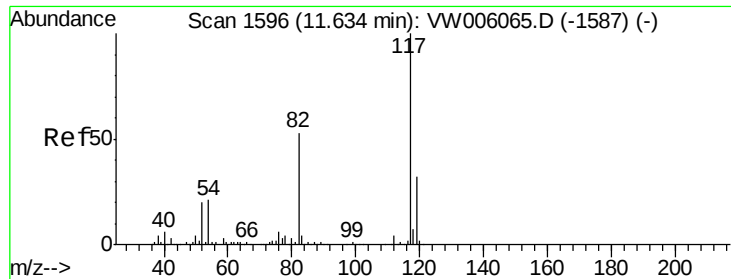
Ion Ratio Lower Upper

95 100

174 96.4 0.0 186.0

176 93.0 0.0 181.6

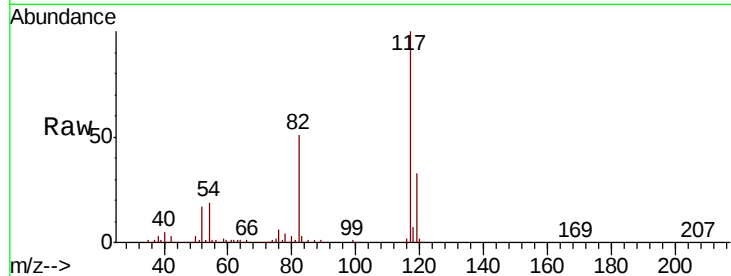




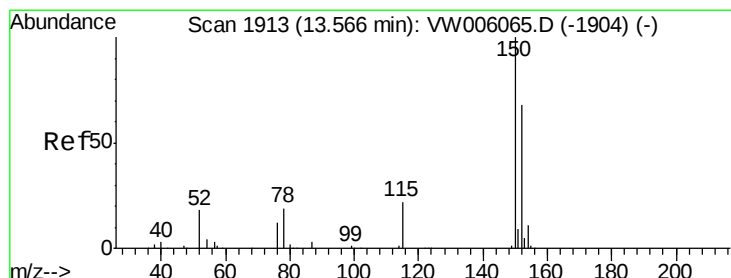
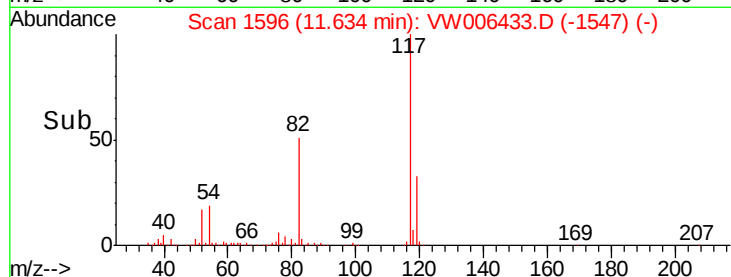
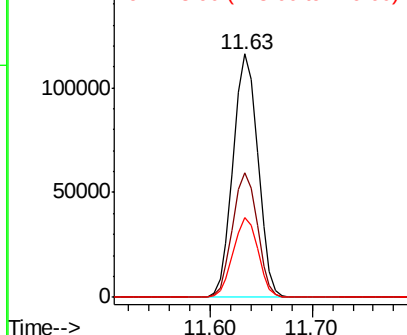
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006433.D
Acq: 27 Oct 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-ARE

Tgt Ion:117 Resp: 195558
Ion Ratio Lower Upper
117 100
82 51.3 42.1 63.1
119 32.4 25.8 38.6

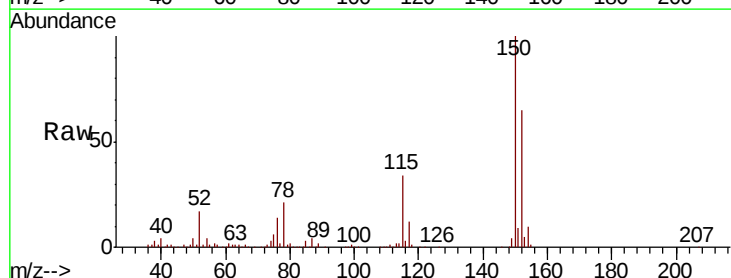


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

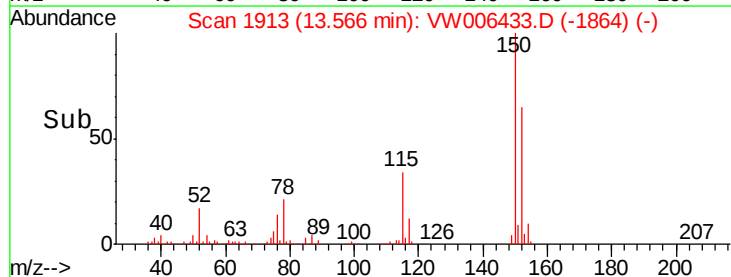
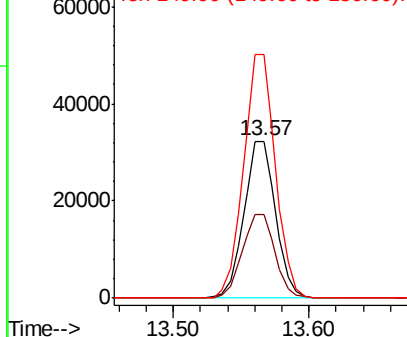


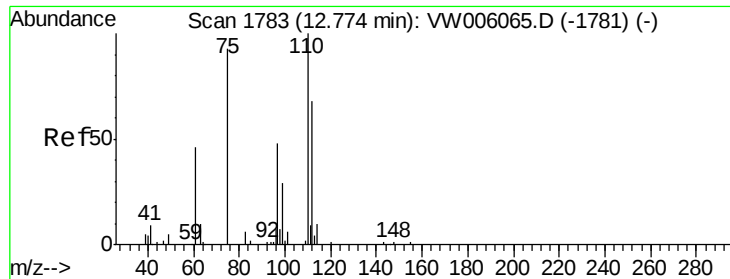
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006433.D
Acq: 27 Oct 2018 05:42

Tgt Ion:152 Resp: 52358
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.3
150 156.5 0.0 349.2



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





#76

1,2,3-Trichloropropane

Concen: 80.613 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006433.D

Acq: 27 Oct 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

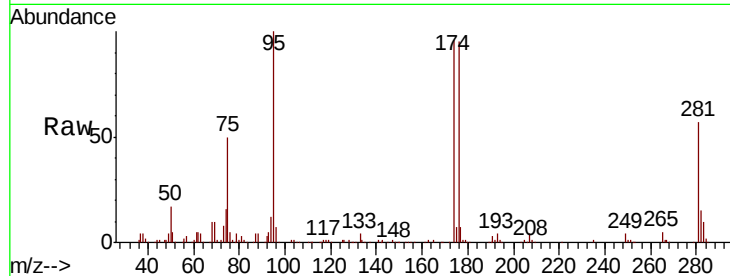
HP-GRID-ARE

Tgt Ion: 75 Resp: 32238

Ion Ratio Lower Upper

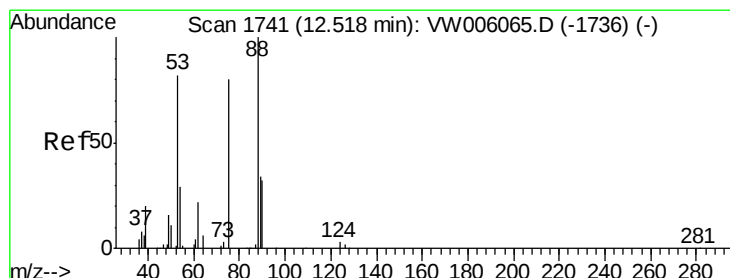
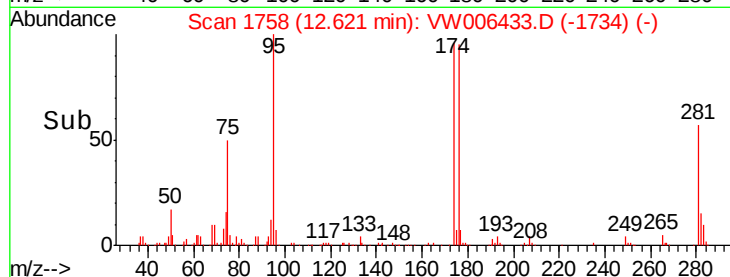
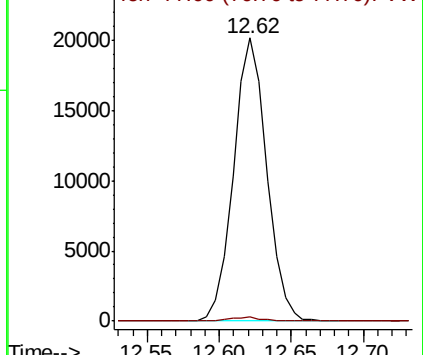
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 192.696 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006433.D

Acq: 27 Oct 2018 05:42

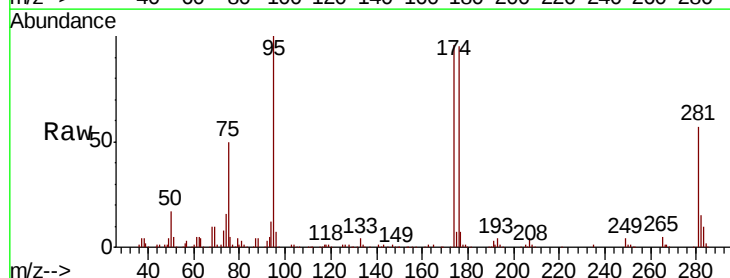
Tgt Ion: 75 Resp: 32238

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

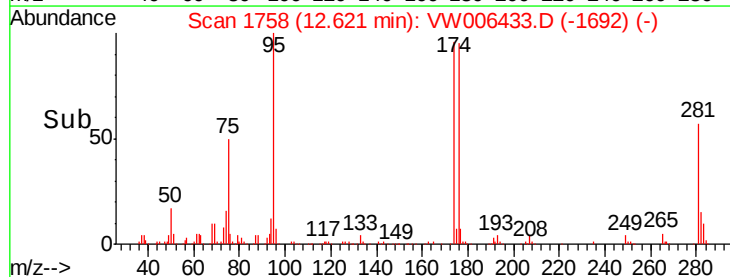
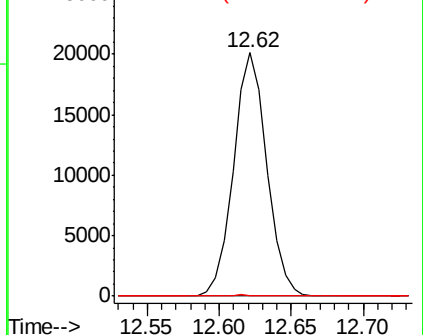
89 0.1 37.5 56.3#

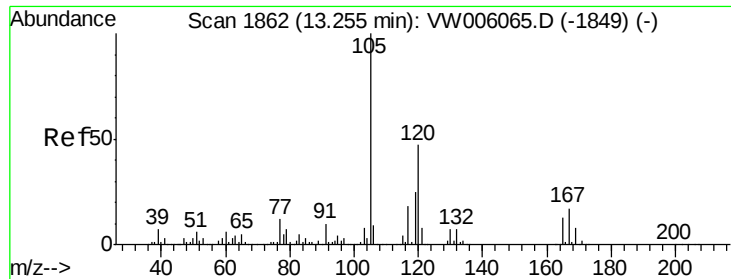


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#84

1,2,4-Trimethylbenzene

Concen: 1.266 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006433.D

Acq: 27 Oct 2018 05:42

Instrument :

MSVOA_W

ClientSampled :

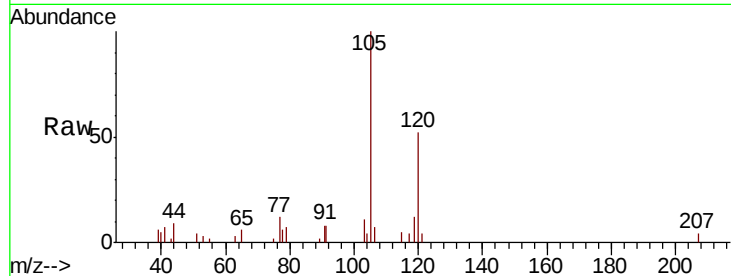
HP-GRID-ARE

Tgt Ion:105 Resp: 3995

Ion Ratio Lower Upper

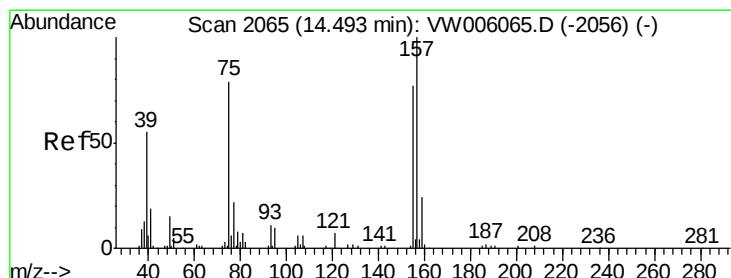
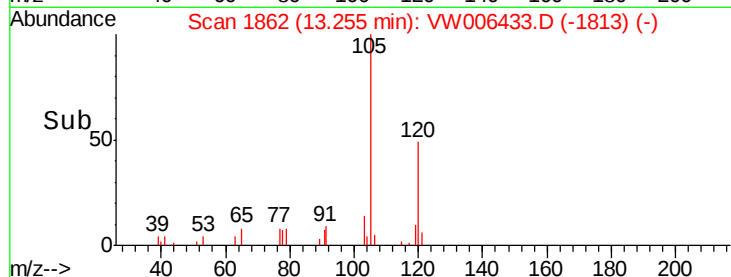
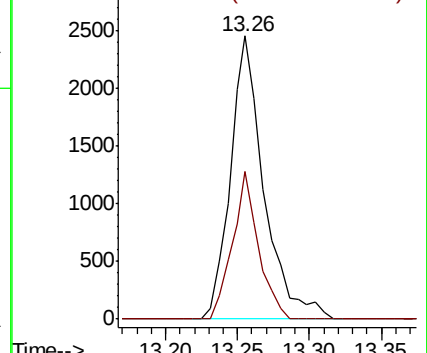
105 100

120 40.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.909 ug/l

RT: 14.38 min Scan# 2046

Delta R.T. -0.12 min

Lab File: VW006433.D

Acq: 27 Oct 2018 05:42

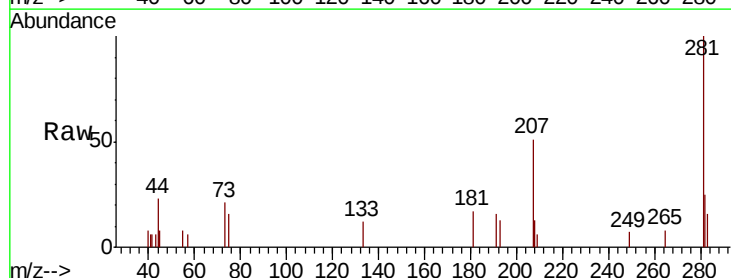
Tgt Ion: 75 Resp: 293

Ion Ratio Lower Upper

75 100

155 0.0 46.5 139.5#

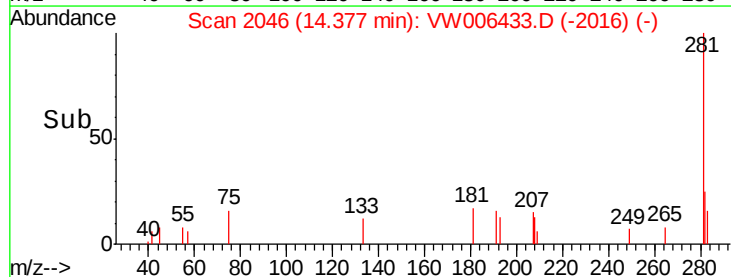
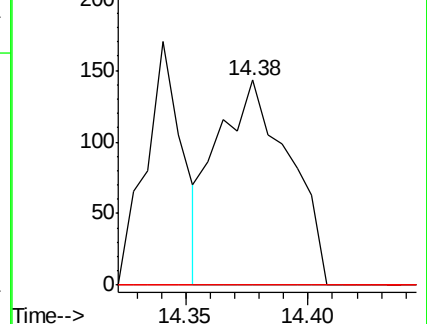
157 0.0 59.8 179.4#

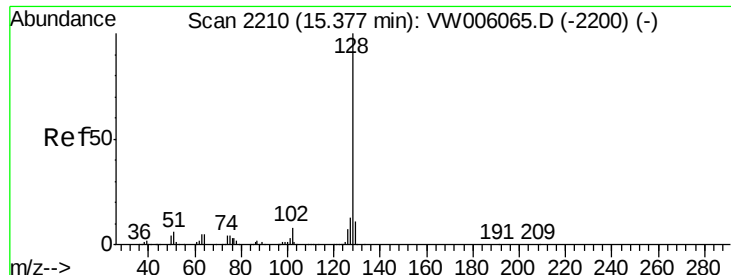


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

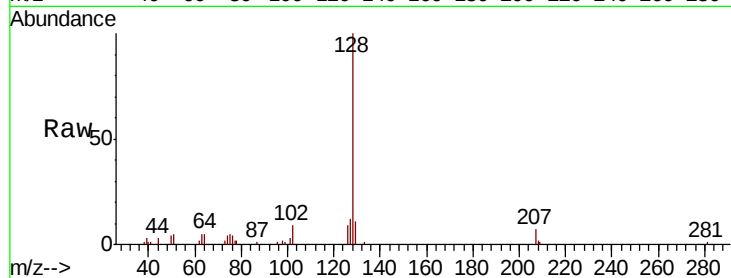




#95
Naphthalene
Concen: 5.299 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006433.D
Acq: 27 Oct 2018 05:42

Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-ARE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	10.8	8.7	13.1



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

