

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102918\
 Data File : VW006434.D
 Acq On : 27 Oct 2018 06:08
 Operator : SY/AP
 Sample : J5636-02RE
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-BRE

Quant Time: Oct 27 07:00:22 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	197971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	268352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	149119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	31457	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	90290	55.01	ug/l	0.00
Spiked Amount			Recovery	=	110.02%	
35) Dibromofluoromethane	7.88	113	93755	59.13	ug/l	0.00
Spiked Amount			Recovery	=	118.26%	
50) Toluene-d8	10.32	98	262997	43.60	ug/l	0.00
Spiked Amount			Recovery	=	87.20%	
62) 4-Bromofluorobenzene	12.62	95	44435	19.61	ug/l	0.00
Spiked Amount			Recovery	=	39.22%	

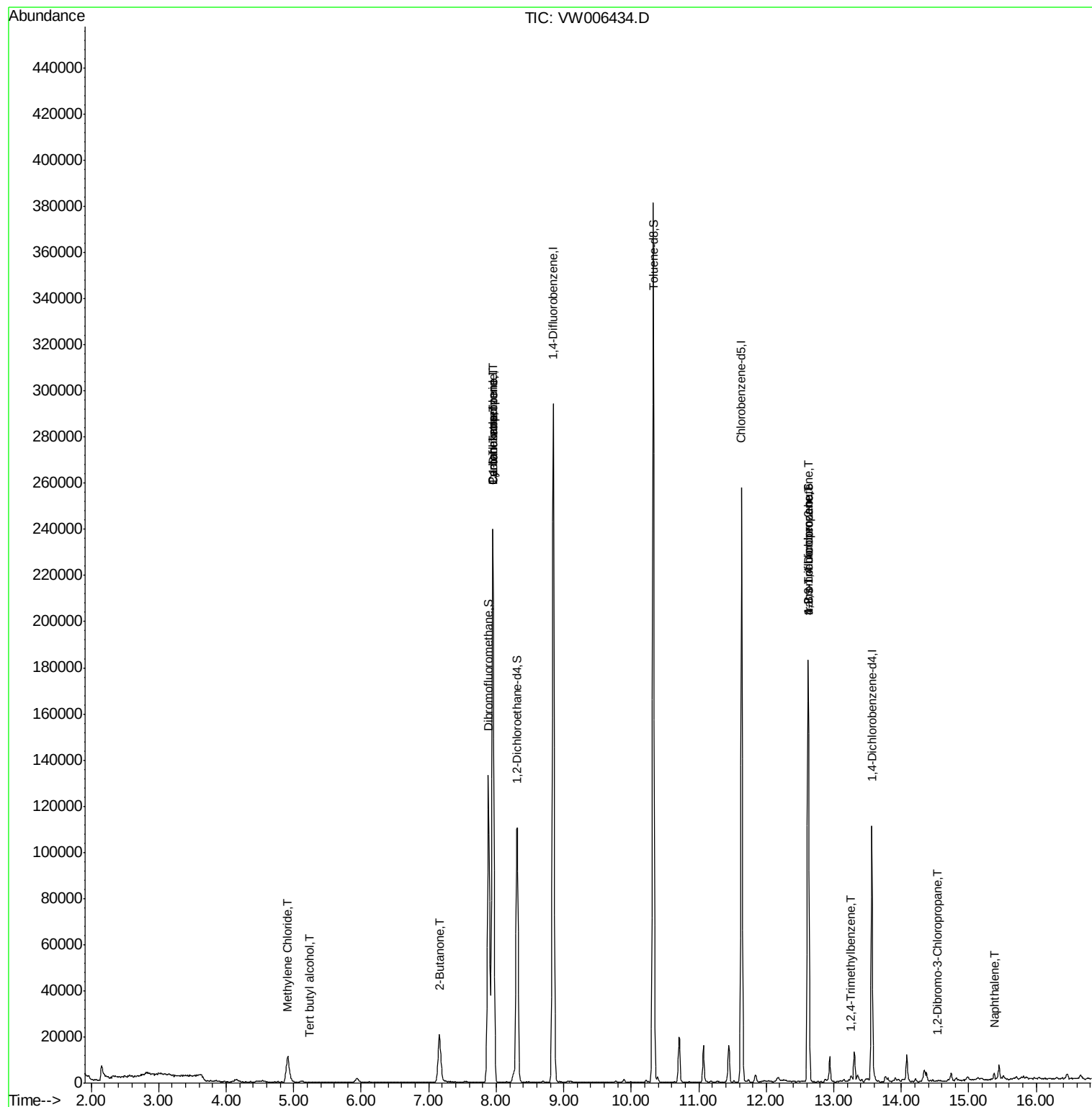
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	128	1.160	ug/l #	71
16) Acetone	4.15	43	2311	Below Cal	#	88
20) Methylene Chloride	4.91	84	9314	3.861	ug/l	93
25) 2-Butanone	7.17	43	952	2.147	ug/l #	46
31) Cyclohexane	7.95	56	3681	1.226	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	12622	5.103	ug/l #	48
38) Carbon Tetrachloride	7.95	117	17150	6.325	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	22827	95.006	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	22827	227.101	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.26	105	2170	1.145	ug/l	84
92) 1,2-Dibromo-3-Chloropropan	14.55	75	94	1.553	ug/l #	1
95) Naphthalene	15.38	128	2799	2.263	ug/l	96

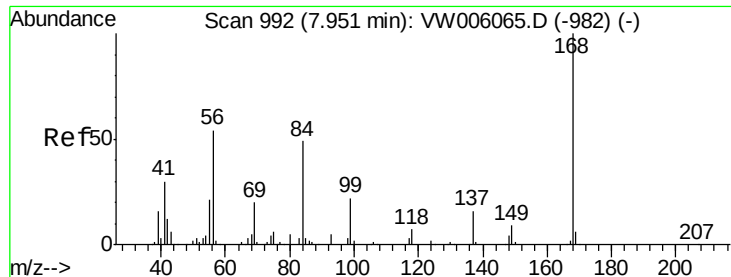
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102918\
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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: VW006434.D

Acq: 27 Oct 2018 06:08

Instrument :

MSVOA_W

ClientSampled :

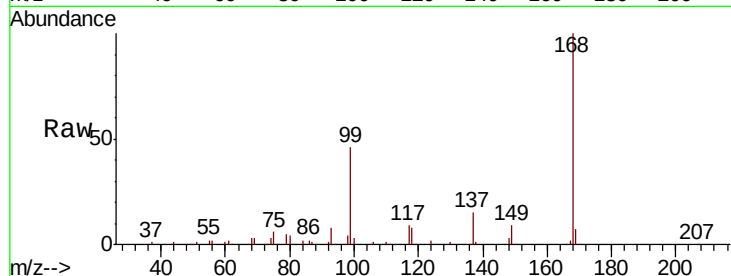
HP-GRID-BRE

Tgt Ion: 168 Resp: 197971

Ion Ratio Lower Upper

168 100

99 46.4 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

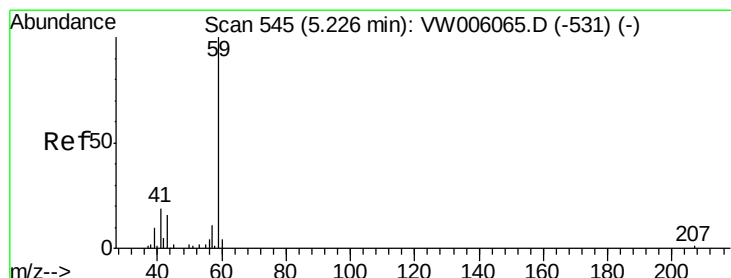
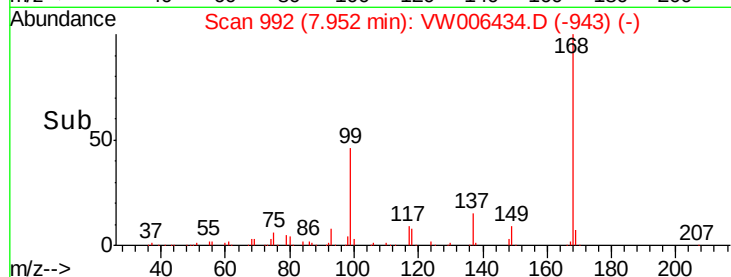
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.160 ug/l

RT: 5.23 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW006434.D

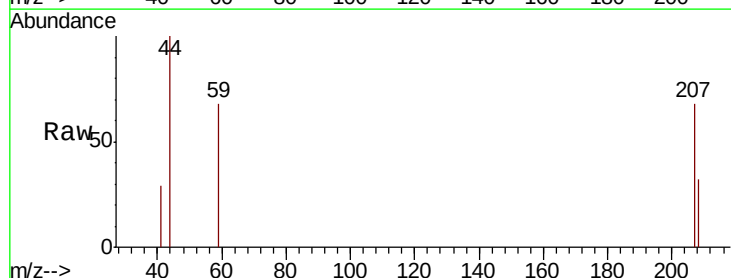
Acq: 27 Oct 2018 06:08

Tgt Ion: 59 Resp: 128

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

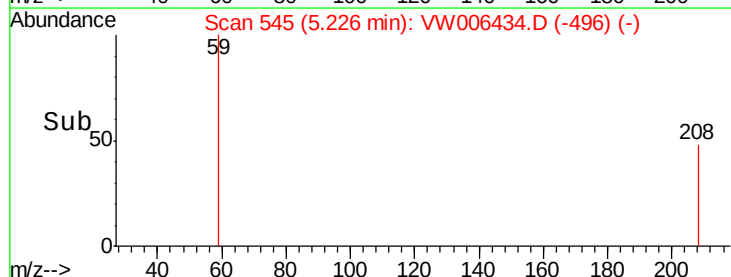
5.23

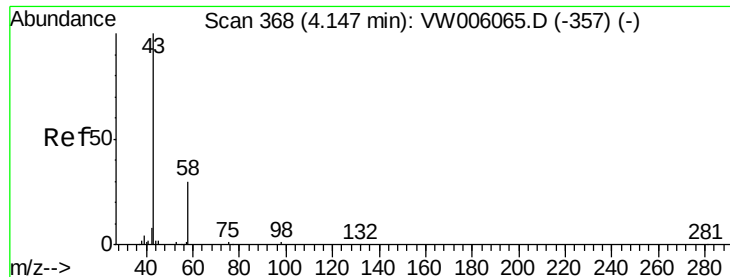
100

50

0

Time-->

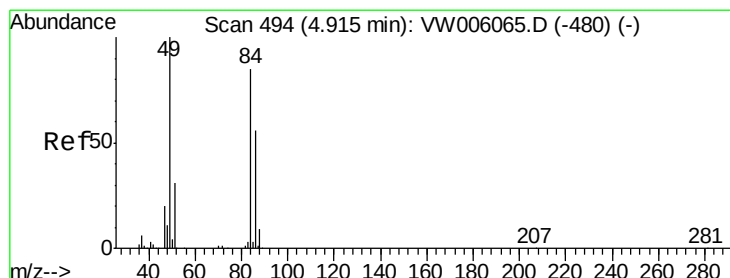
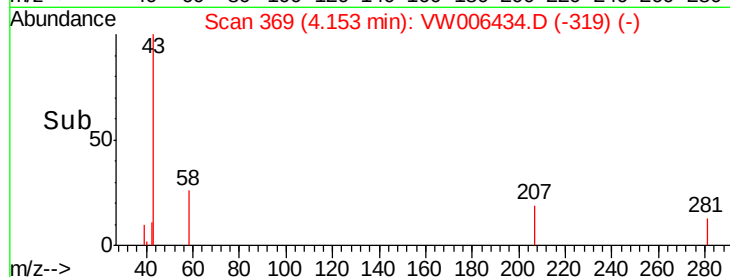
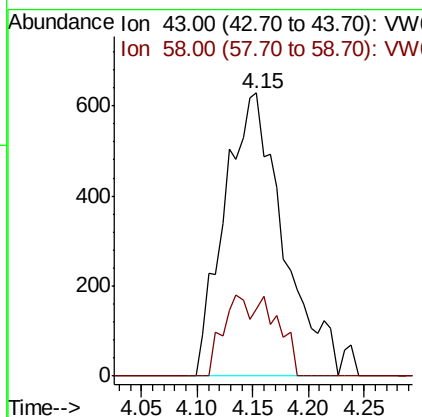
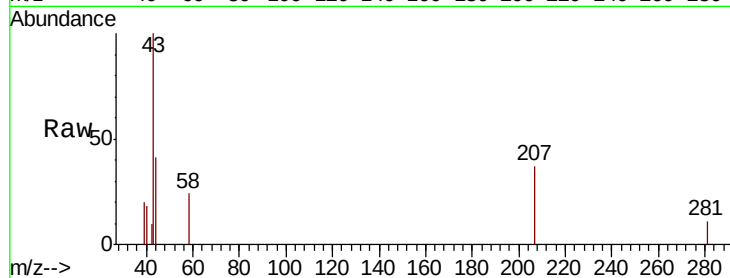




#16
Acetone
Concen: Below Cal
RT: 4.15 min Scan# 369
Delta R.T. 0.01 min
Lab File: VW006434.D
Acq: 27 Oct 2018 06:08

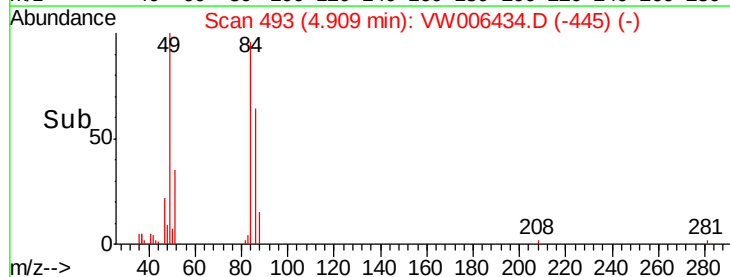
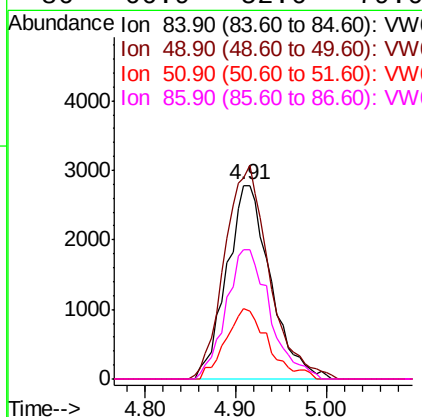
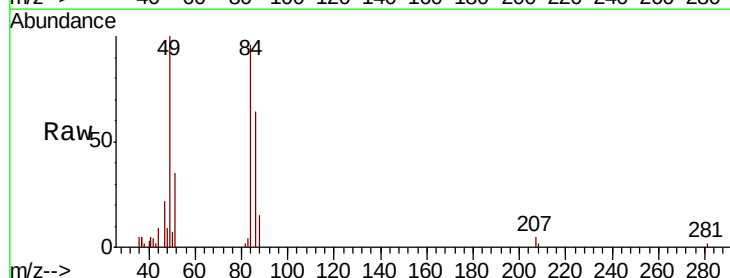
Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-BRE

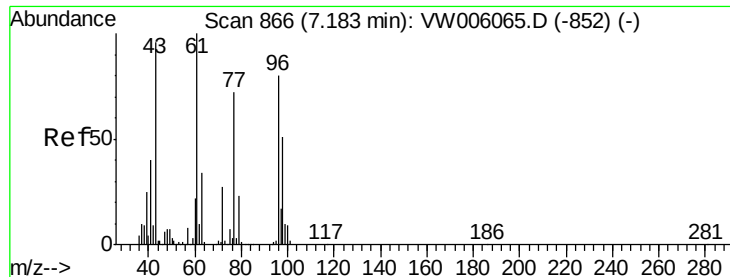
Tgt Ion: 43 Resp: 2311
Ion Ratio Lower Upper
43 100
58 23.7 24.0 36.0#



#20
Methylene Chloride
Concen: 3.861 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006434.D
Acq: 27 Oct 2018 06:08

Tgt Ion: 84 Resp: 9314
Ion Ratio Lower Upper
84 100
49 103.9 93.6 140.4
51 36.3 29.0 43.4
86 66.9 52.6 79.0

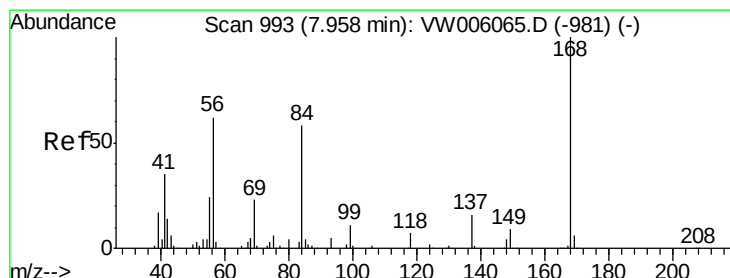
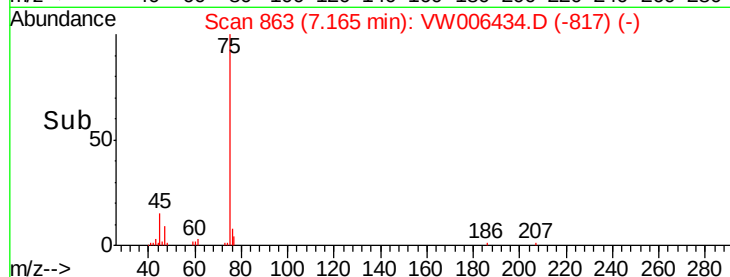
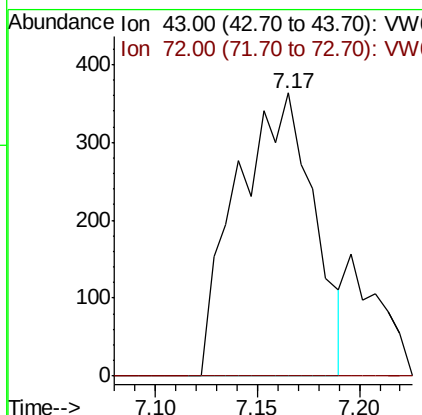
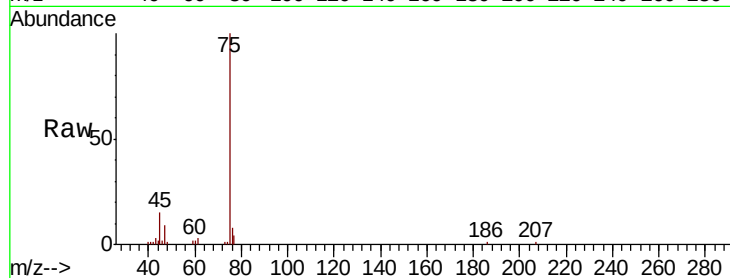




#25
2-Butanone
Concen: 2.147 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.02 min
Lab File: VW006434.D
Acq: 27 Oct 2018 06:08

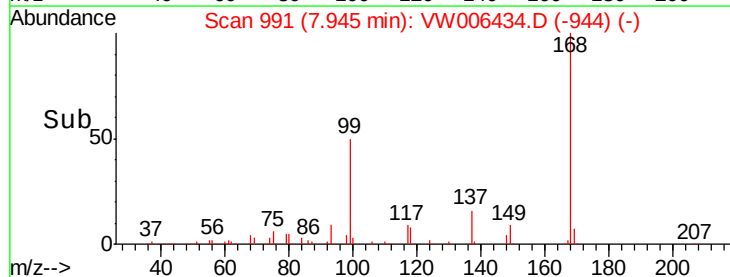
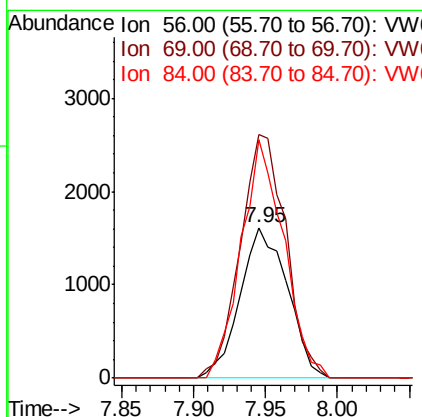
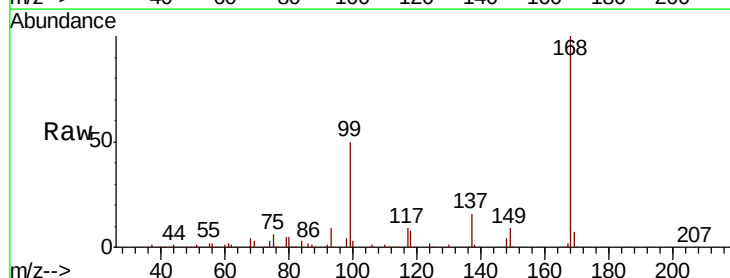
Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-BRE

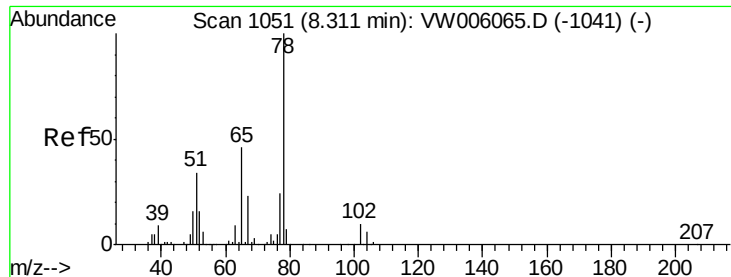
Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#



#31
Cyclohexane
Concen: 1.226 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006434.D
Acq: 27 Oct 2018 06:08

Tgt Ion: 56 Resp: 3681
Ion Ratio Lower Upper
56 100
69 161.7 29.4 44.0#
84 158.1 74.0 111.0#

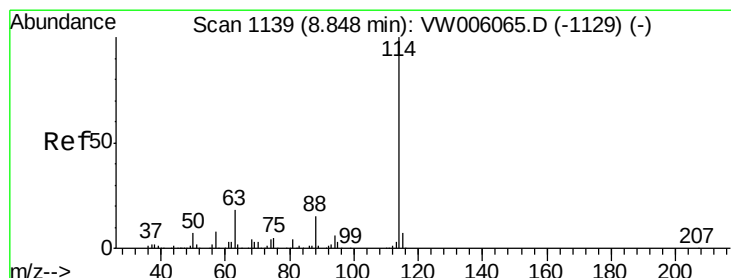
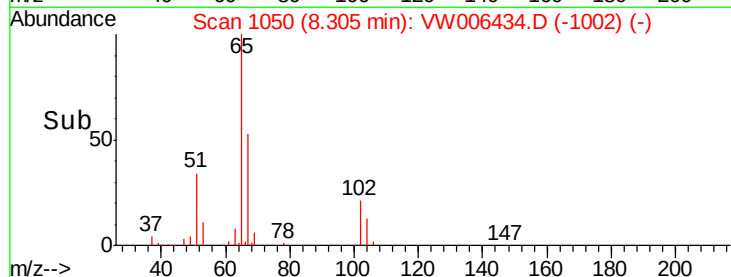
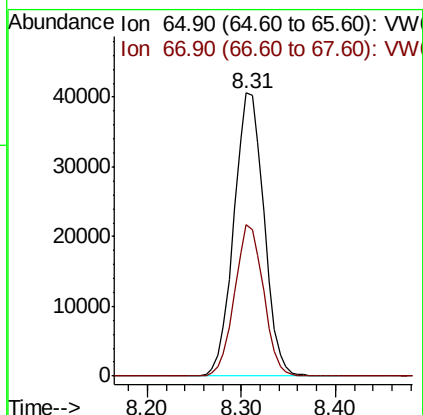
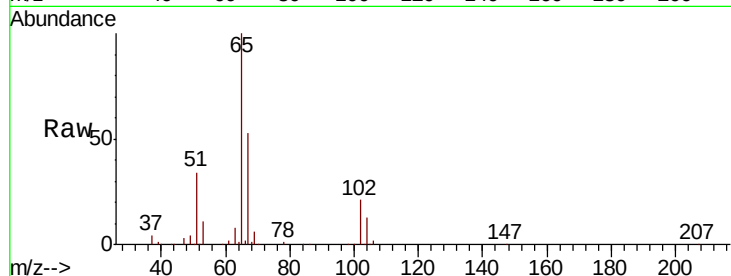




#33
 1,2-Dichloroethane-d4
 Concen: 55.012 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006434.D
 Acq: 27 Oct 2018 06:08

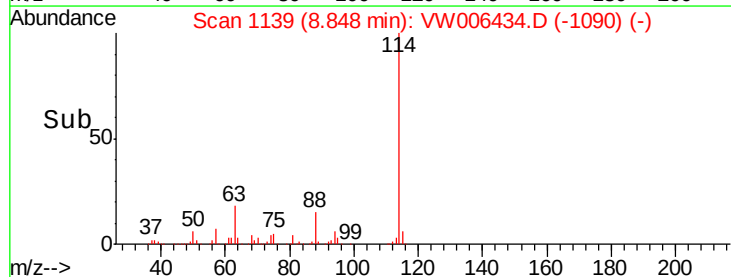
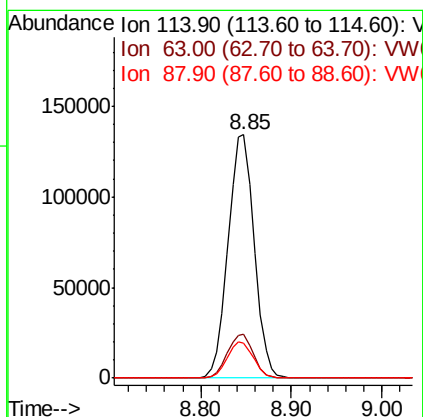
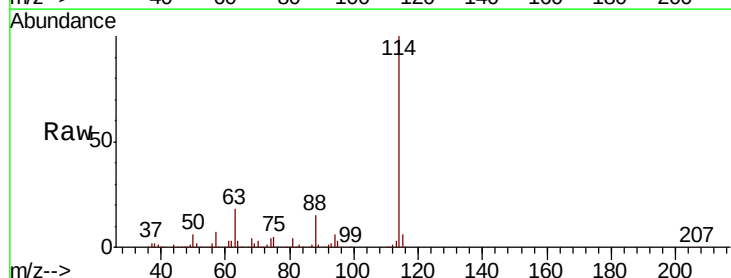
Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-BRE

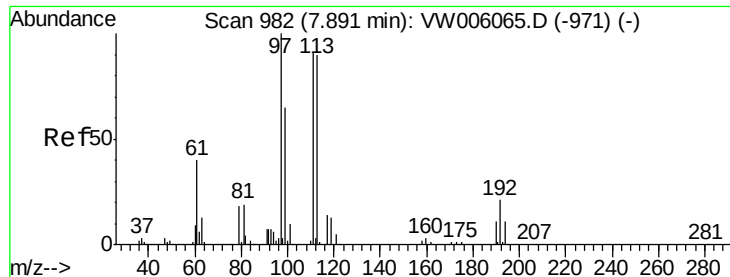
Tgt Ion: 65 Resp: 90290
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006434.D
 Acq: 27 Oct 2018 06:08

Tgt Ion: 114 Resp: 268352
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.8
 88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 59.126 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006434.D

Acq: 27 Oct 2018 06:08

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-BRE

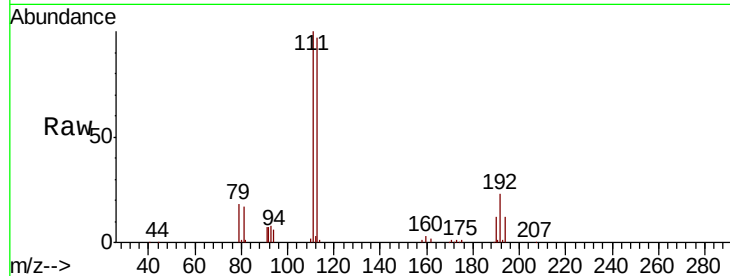
Tgt Ion:113 Resp: 93755

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

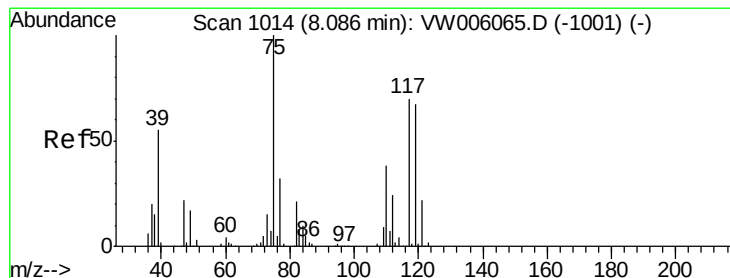
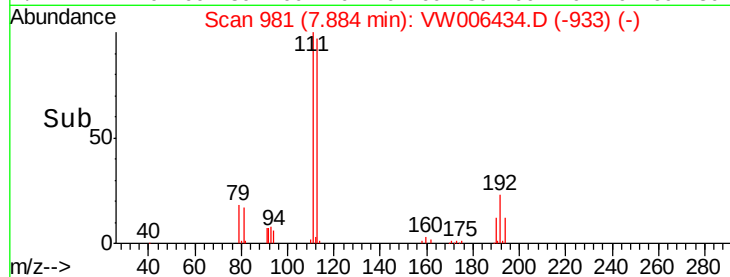
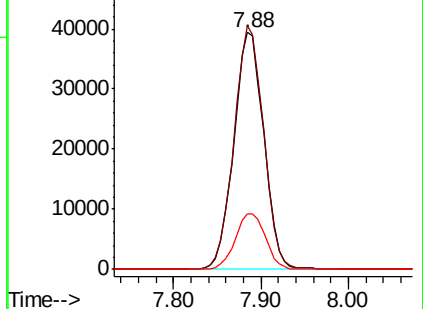
192 23.7 18.7 28.1



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: 5.103 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006434.D

Acq: 27 Oct 2018 06:08

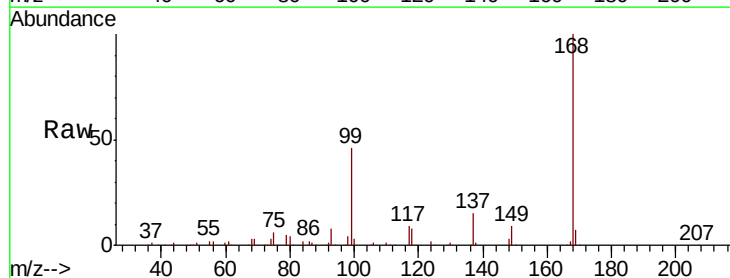
Tgt Ion: 75 Resp: 12622

Ion Ratio Lower Upper

75 100

110 8.5 19.1 57.1#

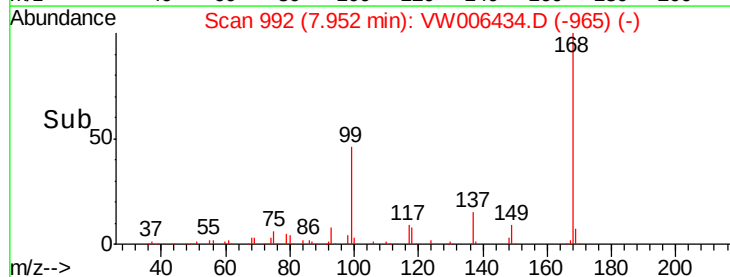
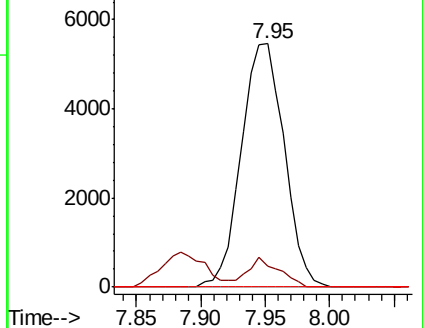
77 0.0 25.0 37.4#

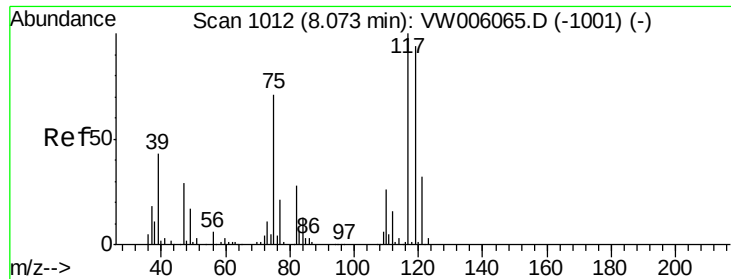


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

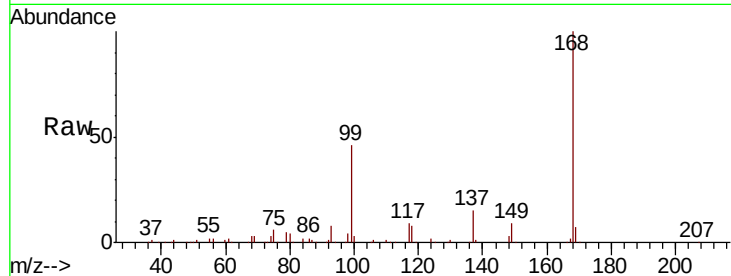




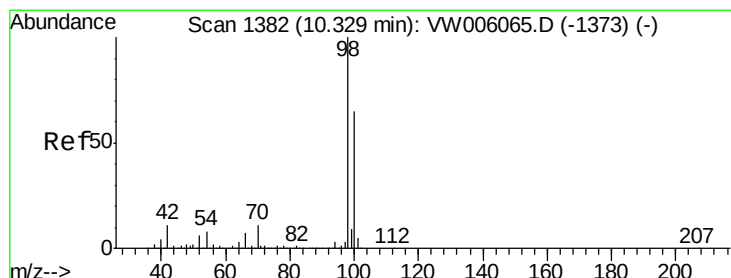
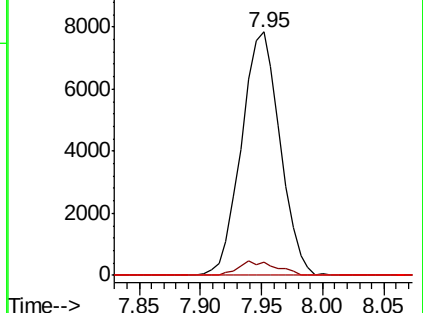
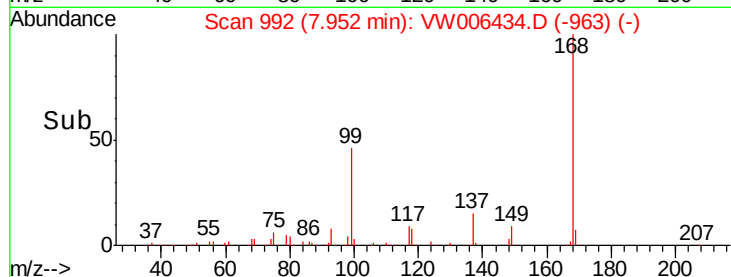
#38
Carbon Tetrachloride
Concen: 6.325 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006434.D
Acq: 27 Oct 2018 06:08

Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-BRE

Tgt Ion:117 Resp: 17150
Ion Ratio Lower Upper
117 100
119 5.3 75.2 112.8#
121 0.0 25.3 37.9#

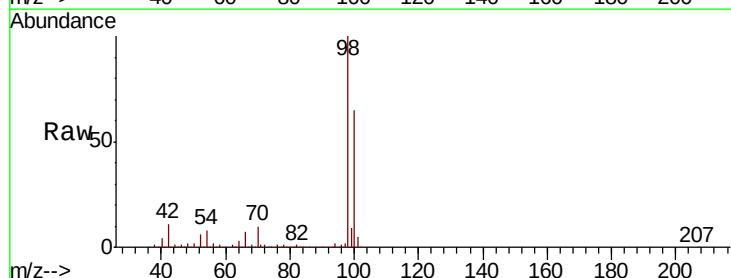


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

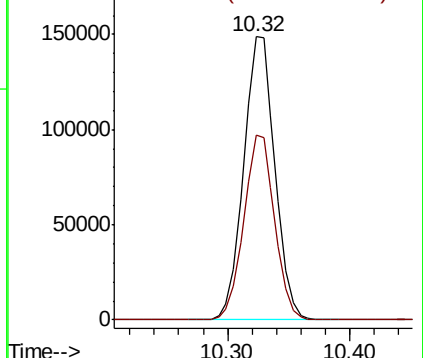
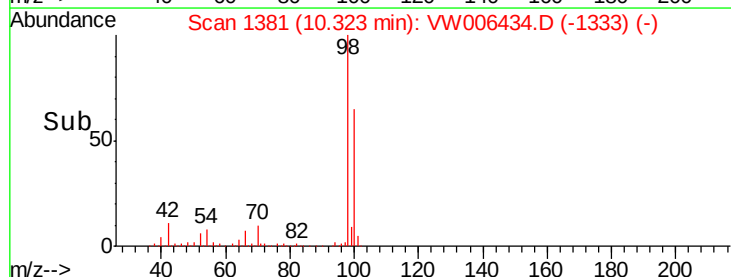


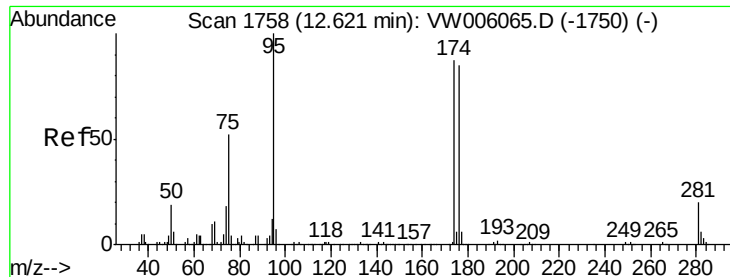
#50
Toluene-d8
Concen: 43.595 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006434.D
Acq: 27 Oct 2018 06:08

Tgt Ion: 98 Resp: 262997
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



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

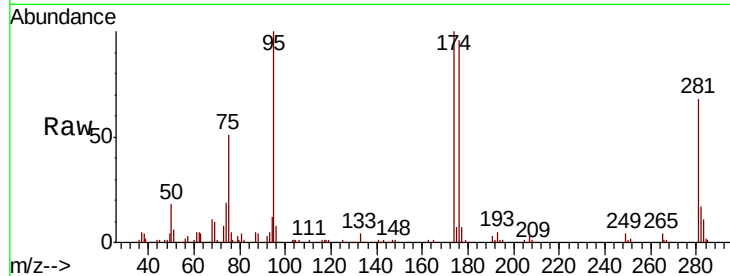




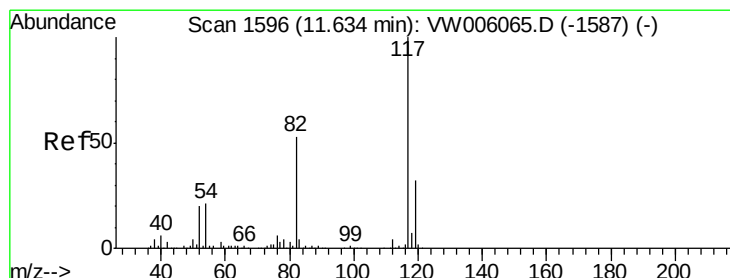
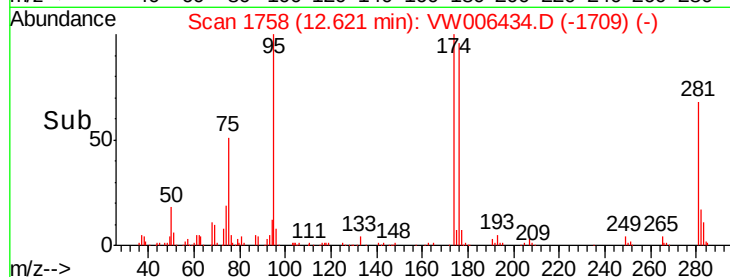
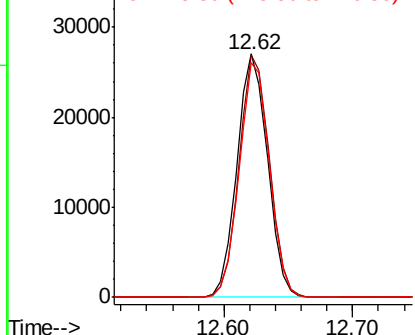
#62
4-Bromofluorobenzene
Concen: 19.611 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006434.D
Acq: 27 Oct 2018 06:08

Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-BRE

Tgt Ion: 95 Resp: 44435
Ion Ratio Lower Upper
95 100
174 98.3 0.0 186.0
176 95.0 0.0 181.6

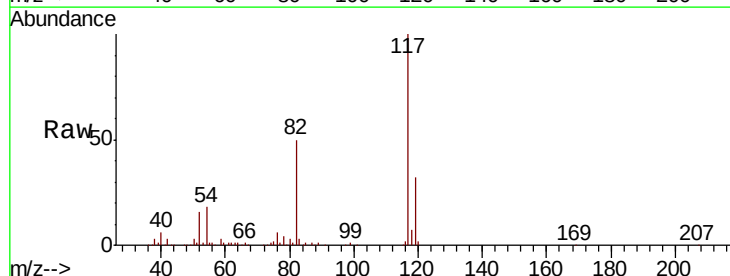


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

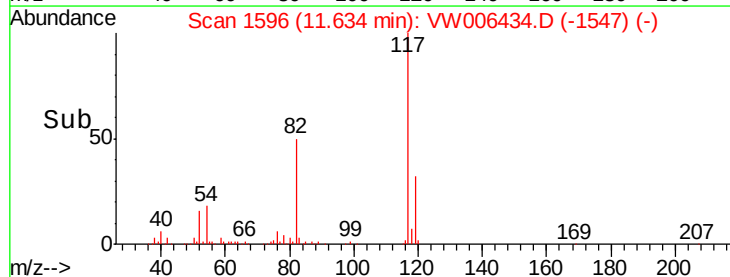
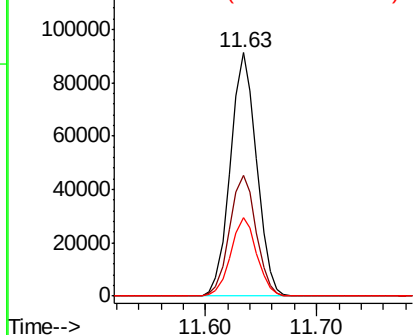


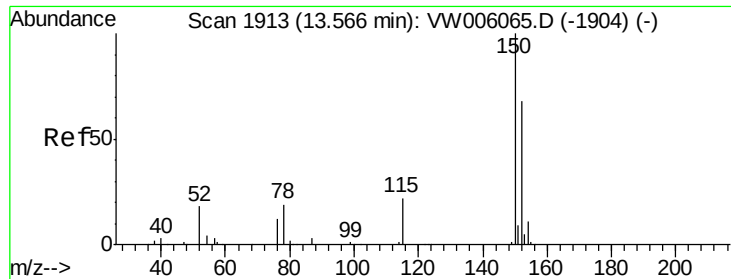
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006434.D
Acq: 27 Oct 2018 06:08

Tgt Ion: 117 Resp: 149119
Ion Ratio Lower Upper
117 100
82 49.7 42.1 63.1
119 32.0 25.8 38.6



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



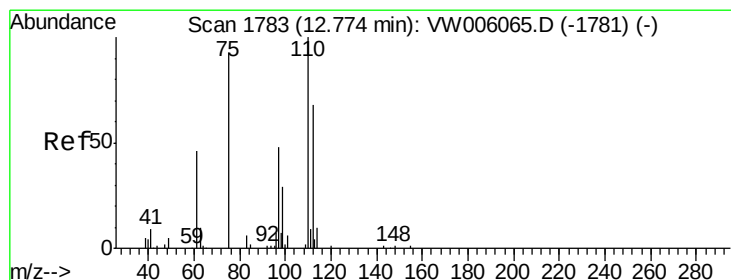
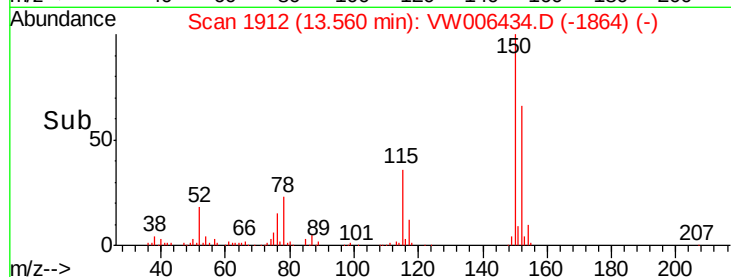
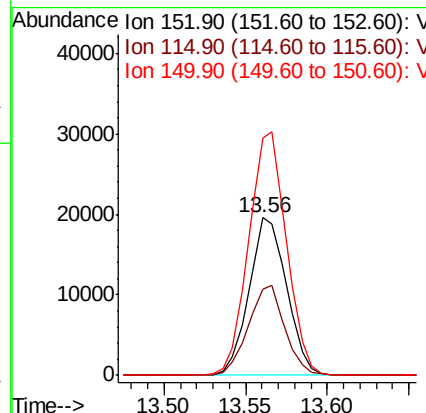
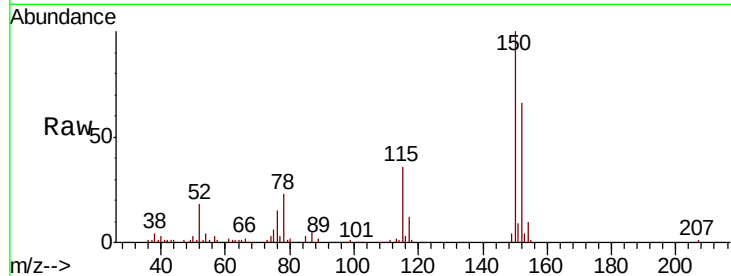


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006434.D
Acq: 27 Oct 2018 06:08

Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-BRE

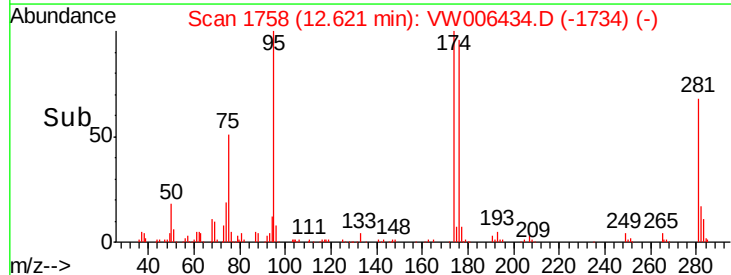
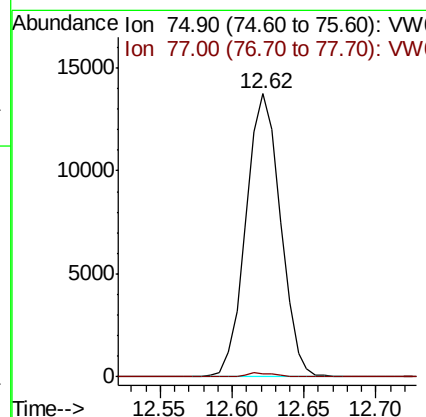
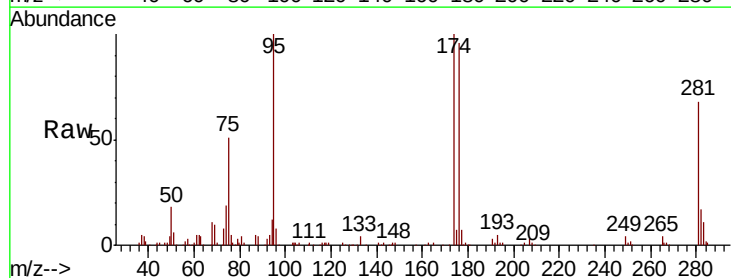
Tgt Ion:152 Resp: 31457
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.3
150 155.0 0.0 349.2

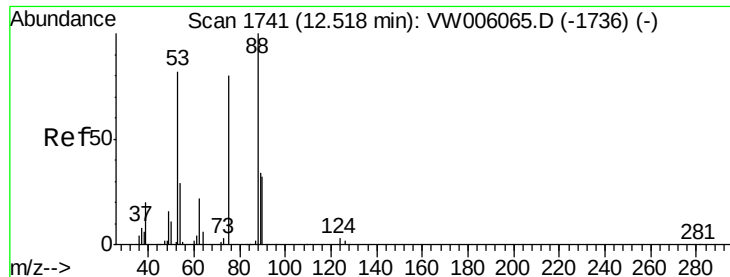


#76

1,2,3-Trichloropropane
Concen: 95.006 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006434.D
Acq: 27 Oct 2018 06:08

Tgt Ion: 75 Resp: 22827
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 227.101 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006434.D

Acq: 27 Oct 2018 06:08

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-BRE

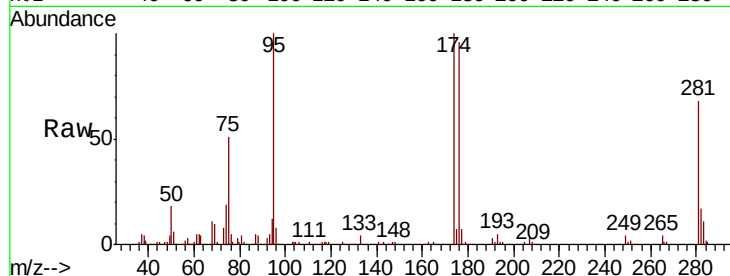
Tgt Ion: 75 Resp: 22827

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

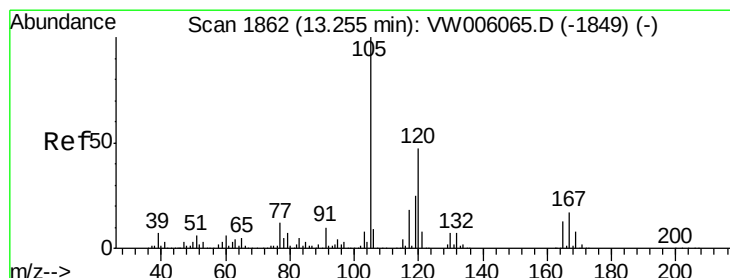
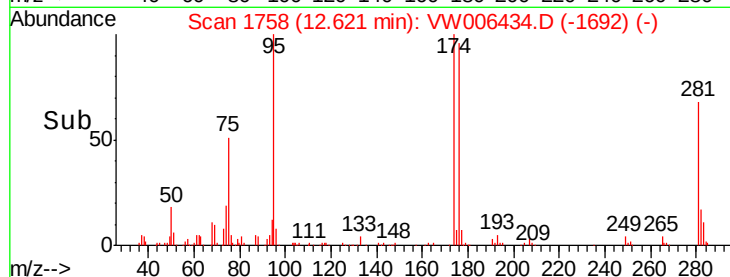
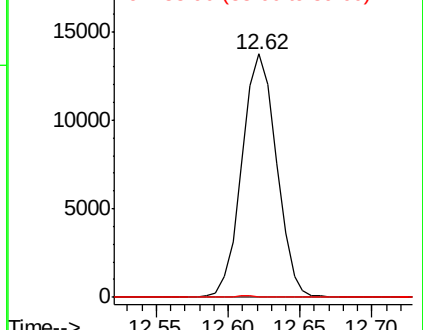
89 0.3 37.5 56.3#



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: 1.145 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006434.D

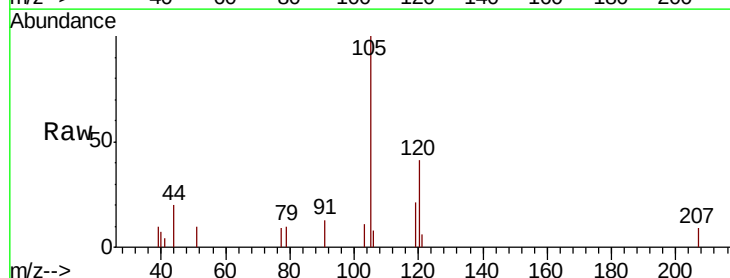
Acq: 27 Oct 2018 06:08

Tgt Ion: 105 Resp: 2170

Ion Ratio Lower Upper

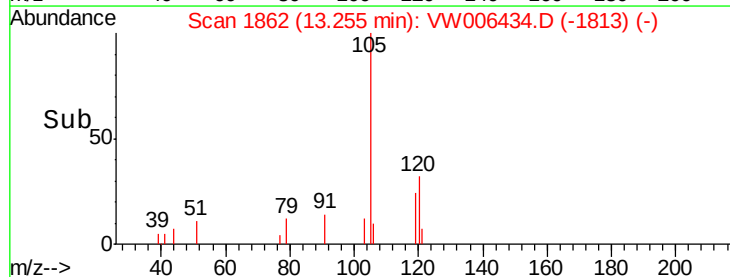
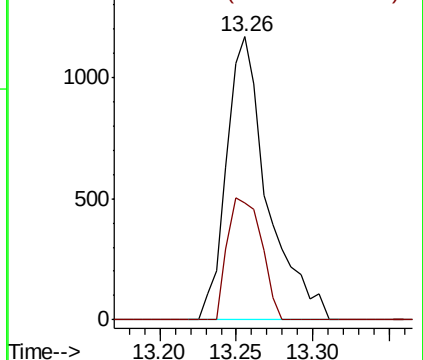
105 100

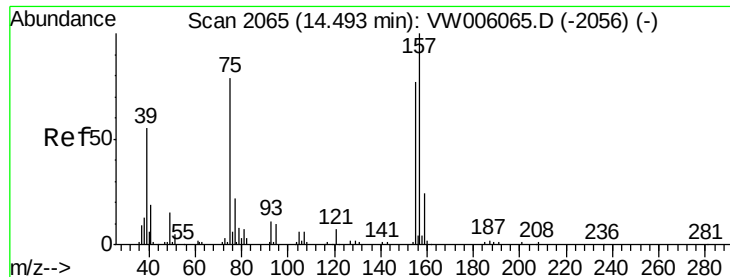
120 35.5 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

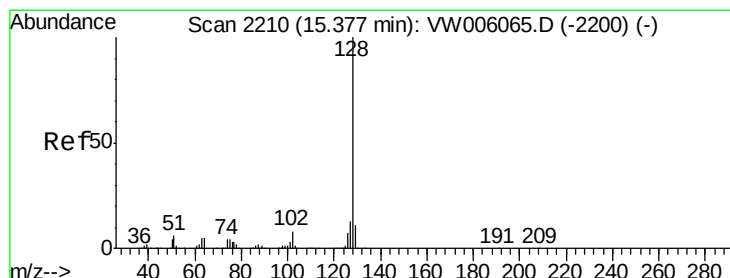
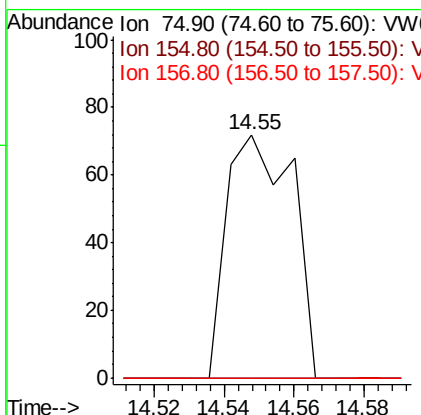
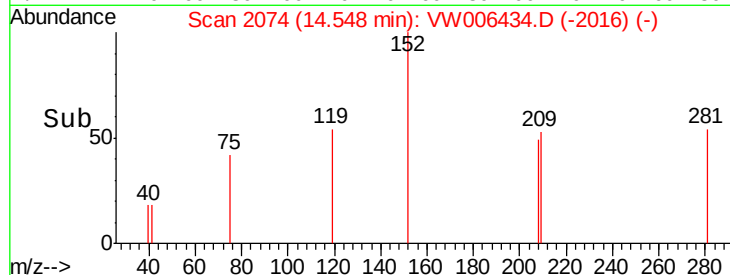
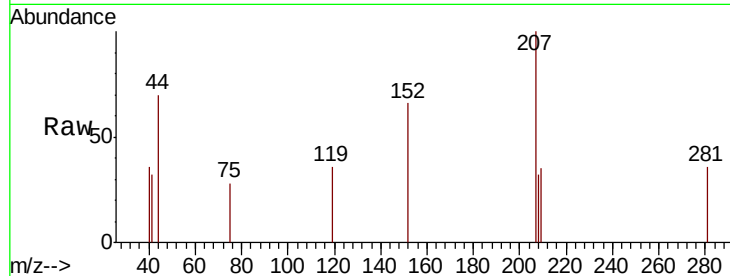




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.553 ug/l
 RT: 14.55 min Scan# 2074
 Delta R.T. 0.05 min
 Lab File: VW006434.D
 Acq: 27 Oct 2018 06:08

Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-BRE

Tgt Ion: 75 Resp: 94
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.5 139.5#
 157 0.0 59.8 179.4#



#95
 Naphthalene
 Concen: 2.263 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006434.D
 Acq: 27 Oct 2018 06:08

Tgt Ion: 128 Resp: 2799
 Ion Ratio Lower Upper
 128 100
 127 10.7 10.3 15.5
 129 10.0 8.7 13.1

