

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
 Data File : VW006391.D
 Acq On : 26 Oct 2018 06:01
 Operator : SY/AP
 Sample : J5636-01
 Misc : 5.3G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-A

Quant Time: Oct 26 07:25:27 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

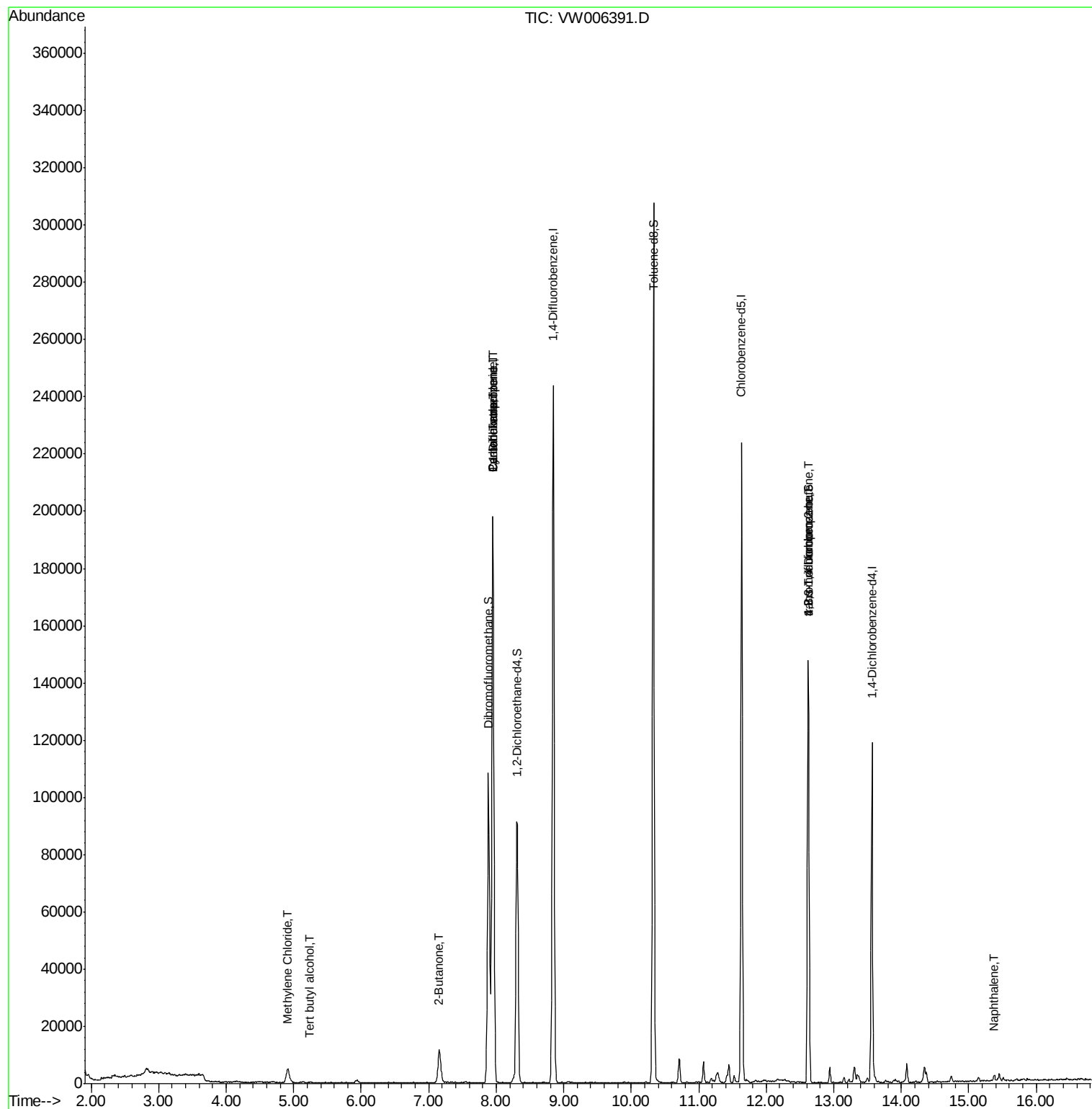
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	162265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	218315	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	130077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	33223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	73914	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	
35) Dibromofluoromethane	7.88	113	74683	57.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.78%	
50) Toluene-d8	10.33	98	214581	43.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.44%	
62) 4-Bromofluorobenzene	12.62	95	39477	21.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.84%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.23	59	106	1.172	ug/l #	71
16) Acetone	4.14	43	340	Below Cal	#	45
20) Methylene Chloride	4.91	84	4353	1.479	ug/l	91
25) 2-Butanone	7.15	43	624	1.717	ug/l #	46
31) Cyclohexane	7.95	56	3053	1.240	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	10511	5.223	ug/l #	49
38) Carbon Tetrachloride	7.95	117	14417	6.536	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	19908	78.453	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	19908	187.533	ug/l #	10
95) Naphthalene	15.37	128	2305	1.765	ug/l #	93

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

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Quant Time: Oct 26 07:25:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
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: VW006391.D

Acq: 26 Oct 2018 06:01

Instrument :

MSVOA_W

ClientSampled :

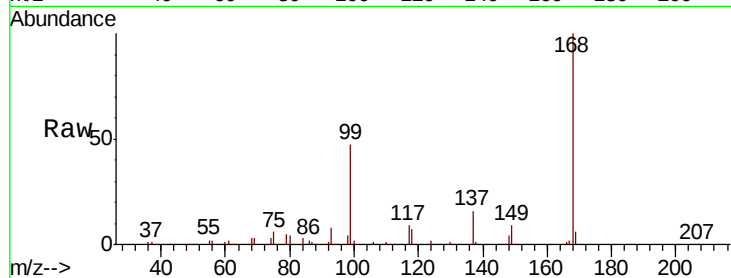
HP-GRID-A

Tot Ion:168 Resp: 162265

Ion Ratio Lower Upper

168 100

99 47.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

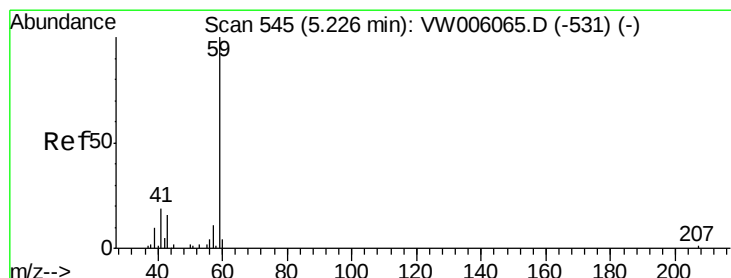
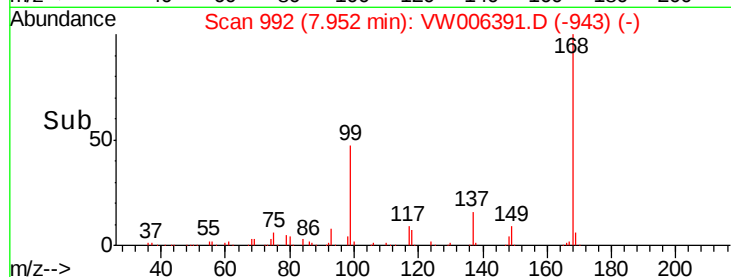
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 1.172 ug/l

RT: 5.23 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW006391.D

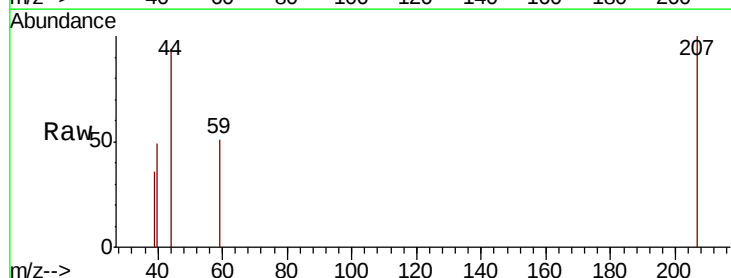
Acq: 26 Oct 2018 06:01

Tgt Ion: 59 Resp: 106

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

80

60

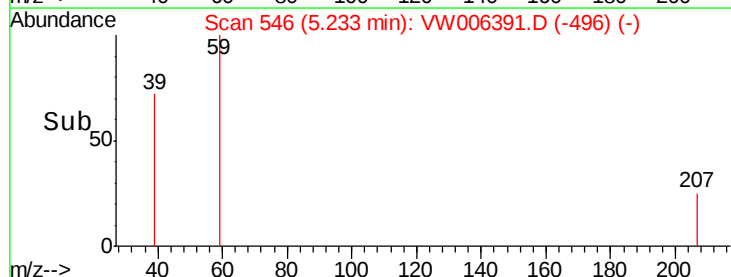
40

20

0

5.22 5.24 5.26

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006391.D

Acq: 26 Oct 2018 06:01

Instrument :

MSVOA_W

ClientSampleId :

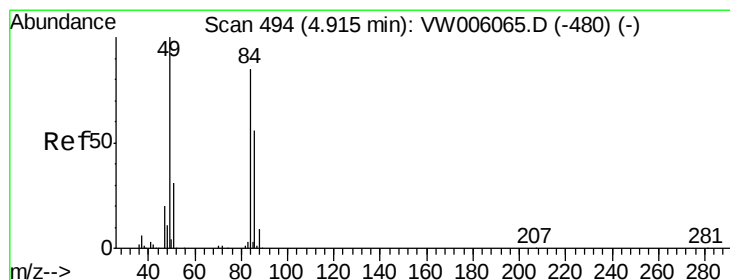
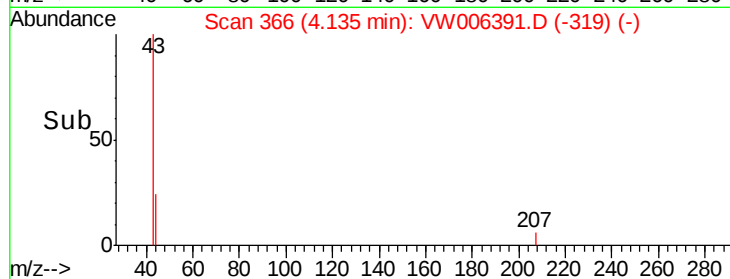
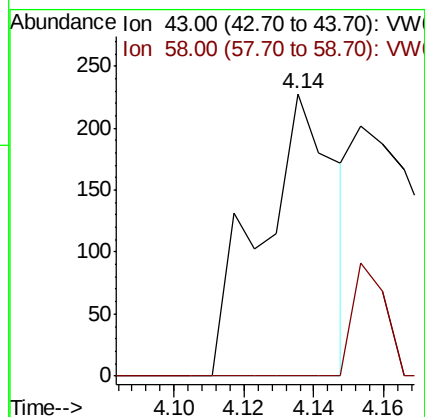
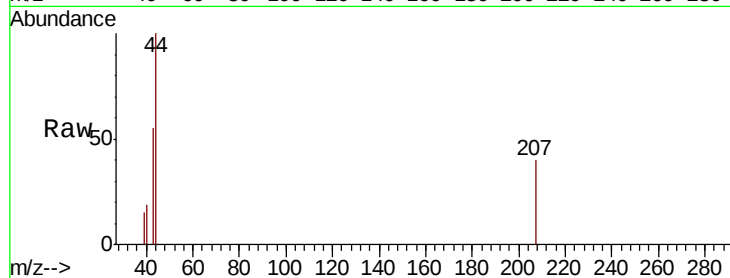
HP-GRID-A

Tot Ion: 43 Resp: 340

Ion Ratio Lower Upper

43 100

58 0.0 24.0 36.0#



#20

Methylene Chloride

Concen: 1.479 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006391.D

Acq: 26 Oct 2018 06:01

Tgt Ion: 84 Resp: 4353

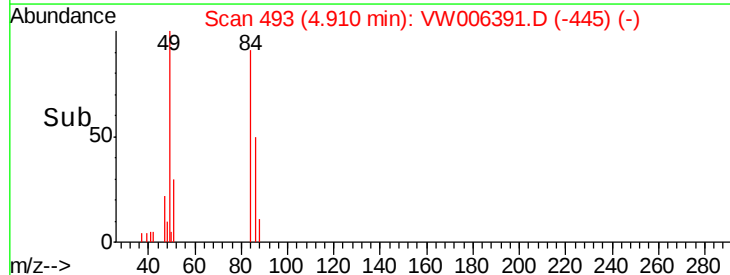
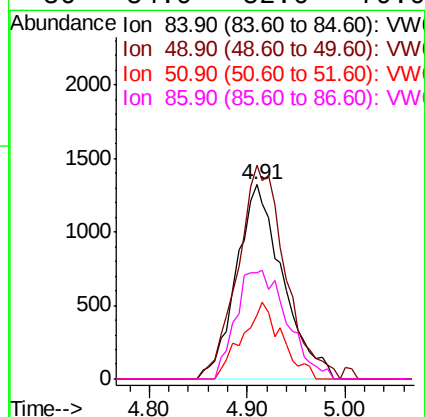
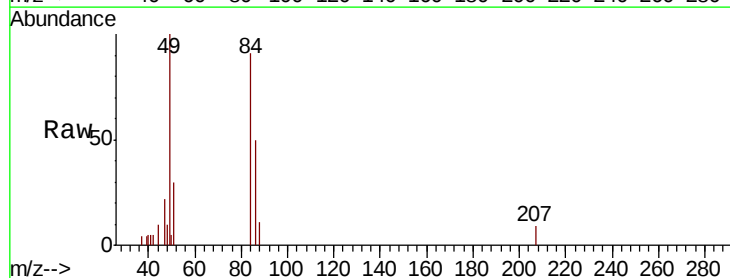
Ion Ratio Lower Upper

84 100

49 109.9 93.6 140.4

51 32.6 29.0 43.4

86 54.9 52.6 79.0

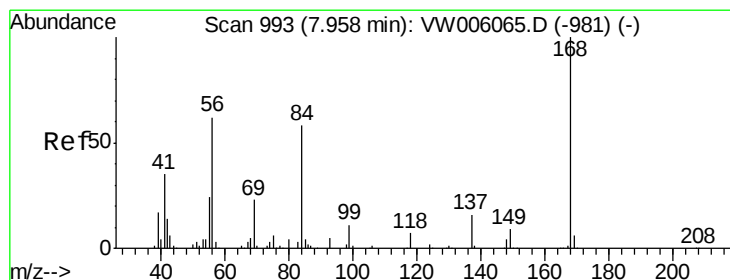
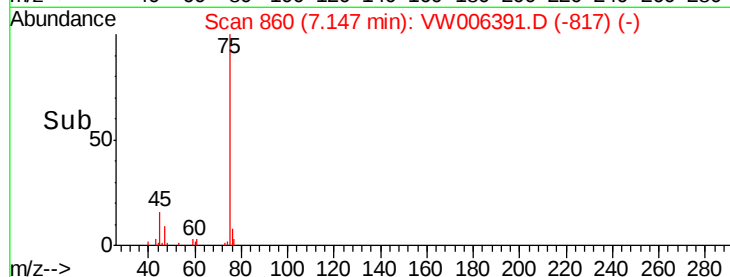
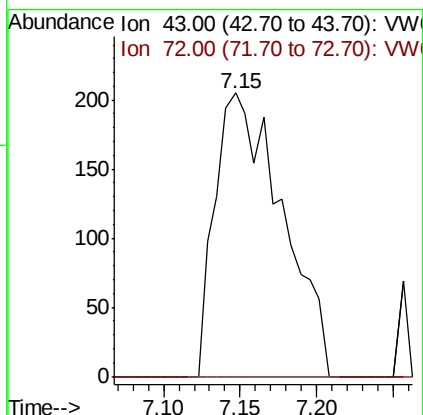
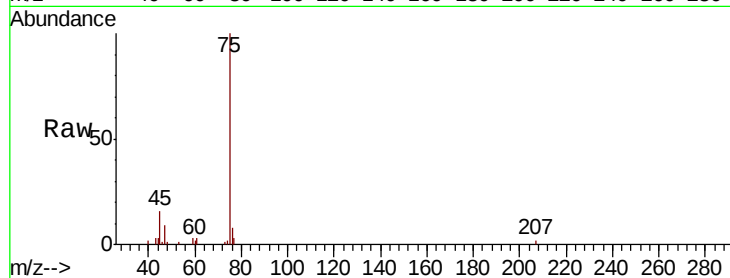




#25
2-Butanone
Concen: 1.717 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.04 min
Lab File: VW006391.D
Acq: 26 Oct 2018 06:01

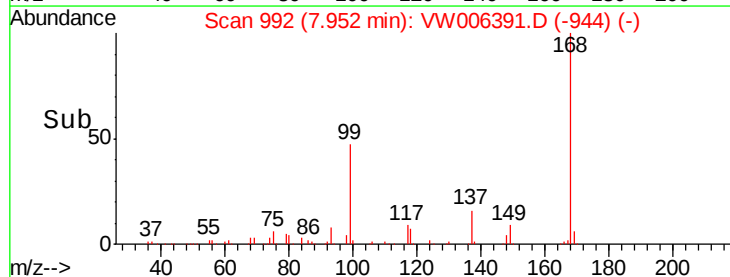
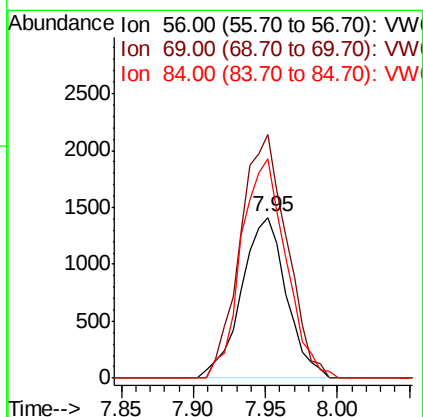
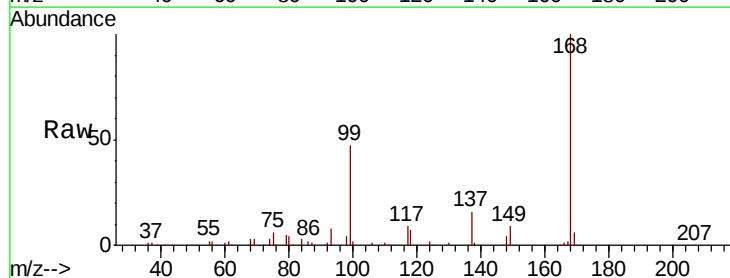
Instrument :
MSVOA_W
ClientSampled :
HP-GRID-A

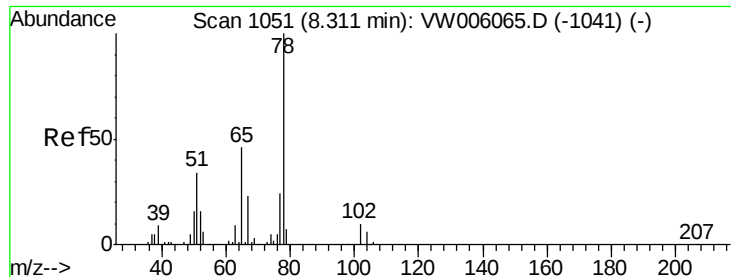
Tot Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#



#31
Cyclohexane
Concen: 1.240 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006391.D
Acq: 26 Oct 2018 06:01

Tgt Ion: 56 Resp: 3053
Ion Ratio Lower Upper
56 100
69 151.7 29.4 44.0#
84 136.4 74.0 111.0#

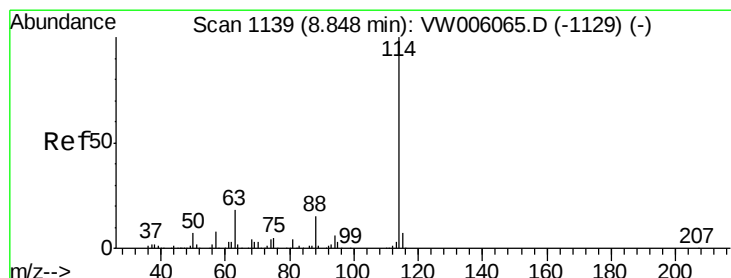
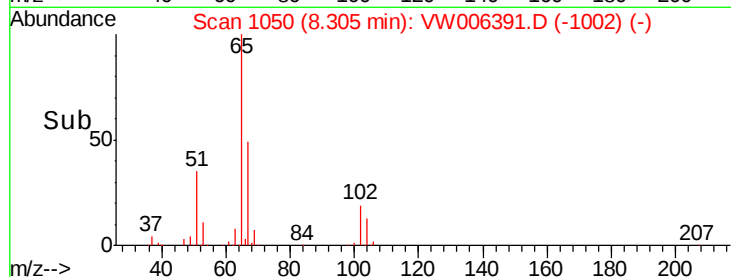
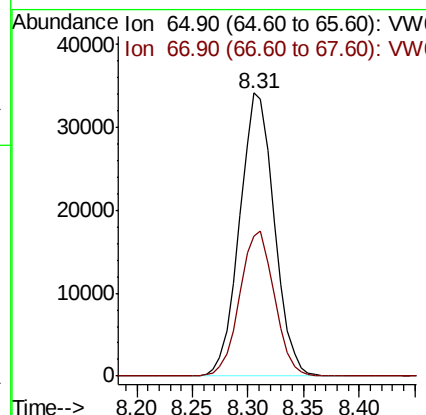
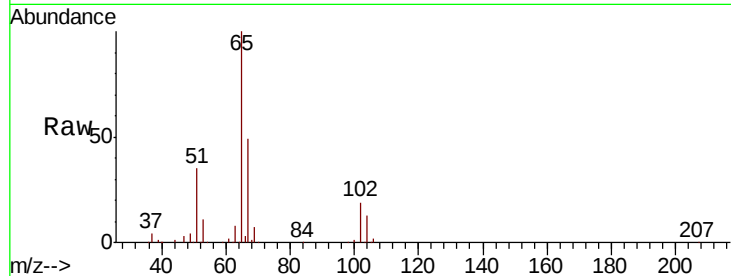




#33
 1,2-Dichloroethane-d4
 Concen: 54.944 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006391.D
 Acq: 26 Oct 2018 06:01

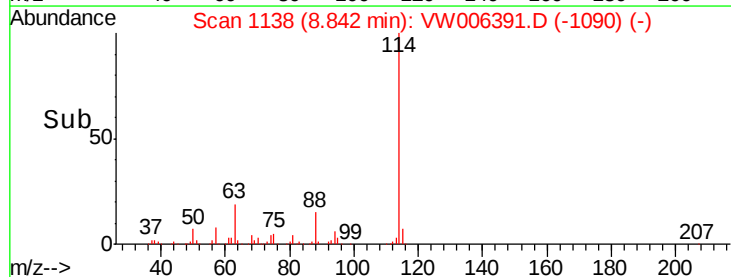
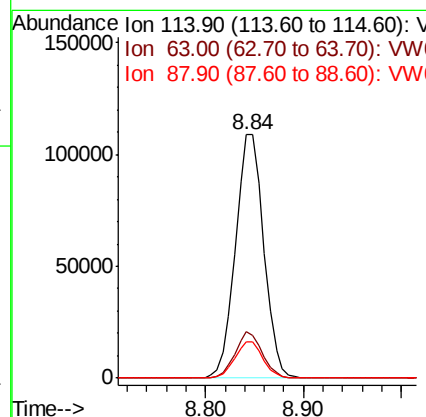
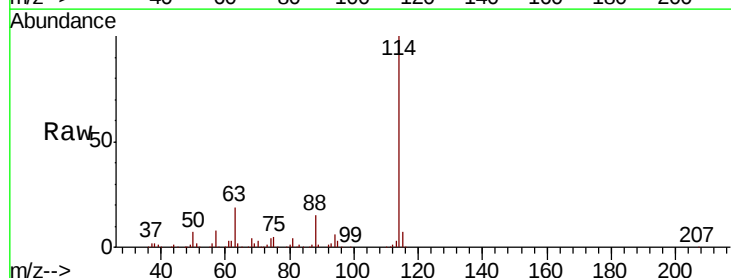
Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-A

Tot Ion: 65 Resp: 73914
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006391.D
 Acq: 26 Oct 2018 06:01

Tgt Ion: 114 Resp: 218315
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 36.8
 88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 57.893 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006391.D

Acq: 26 Oct 2018 06:01

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-A

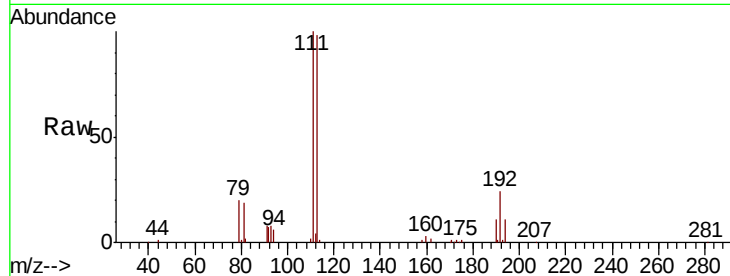
Tot Ion:113 Resp: 74683

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

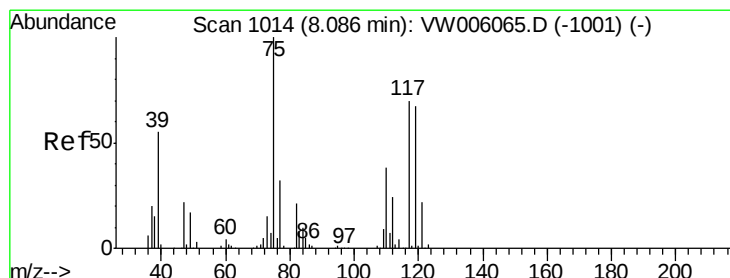
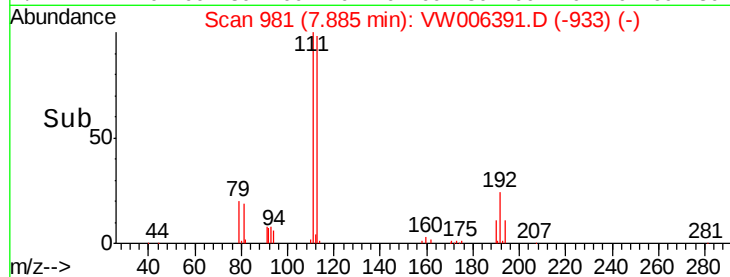
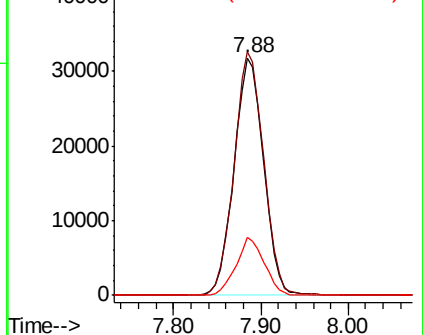
192 23.3 18.7 28.1



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: 5.223 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006391.D

Acq: 26 Oct 2018 06:01

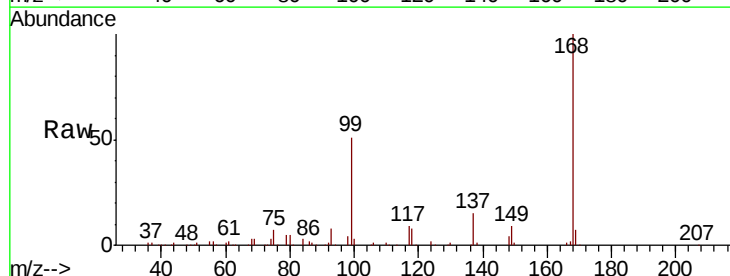
Tgt Ion: 75 Resp: 10511

Ion Ratio Lower Upper

75 100

110 10.3 19.1 57.1#

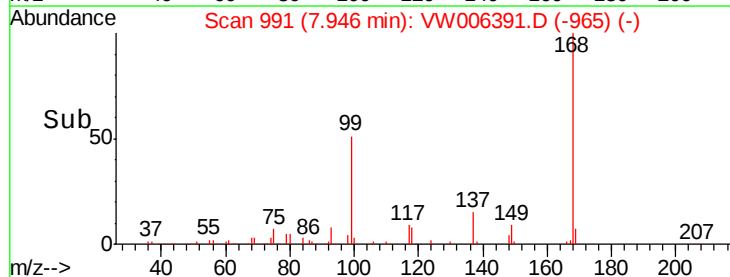
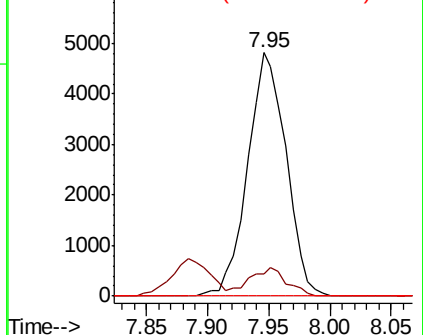
77 0.0 25.0 37.4#

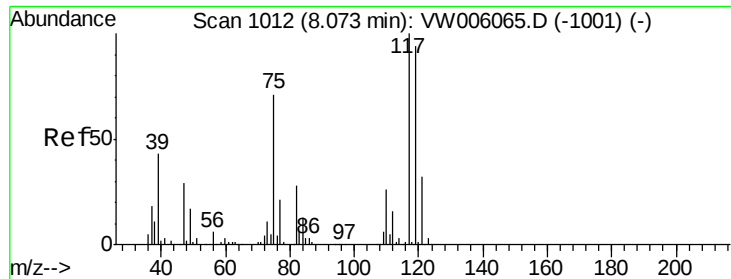


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

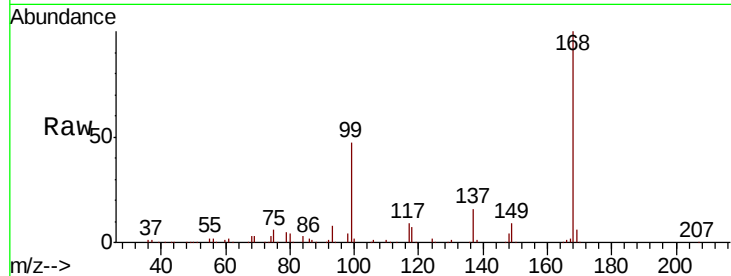




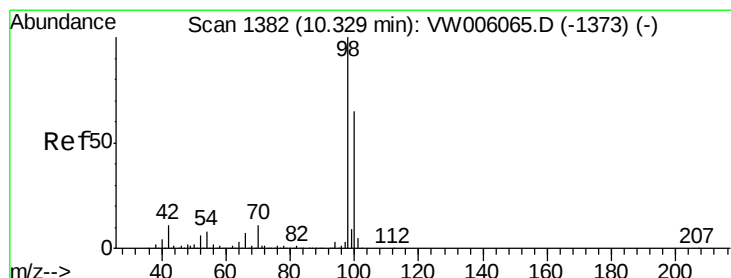
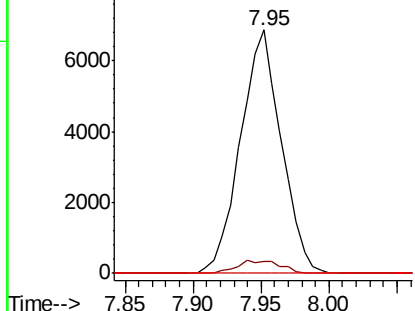
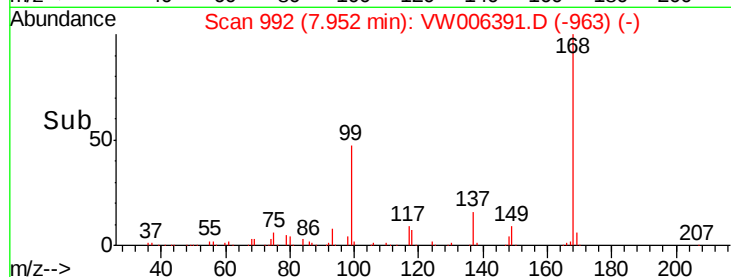
#38
Carbon Tetrachloride
Concen: 6.536 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006391.D
Acq: 26 Oct 2018 06:01

Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-A

Tot Ion:117 Resp: 14417
Ion Ratio Lower Upper
117 100
119 4.8 75.2 112.8#
121 0.0 25.3 37.9#

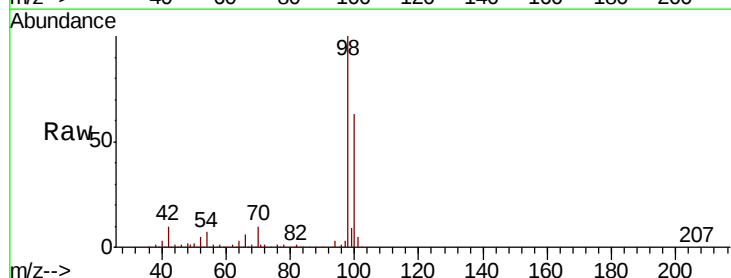


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

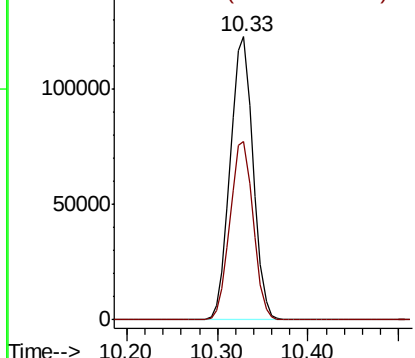
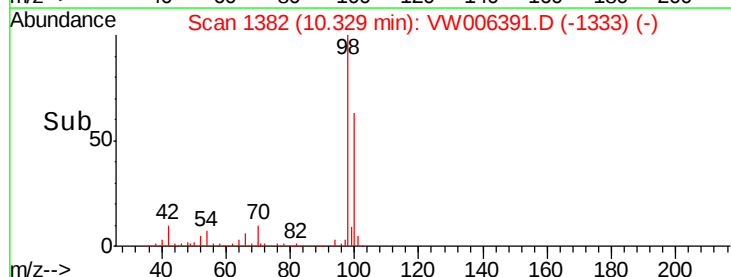


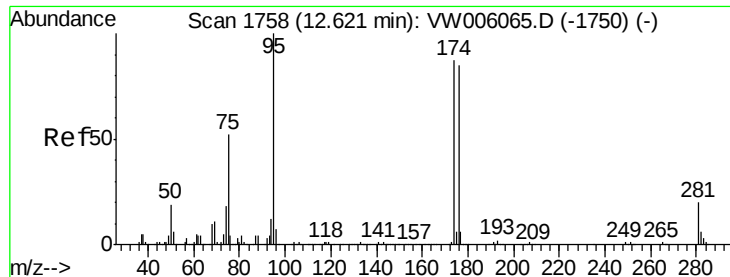
#50
Toluene-d8
Concen: 43.722 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006391.D
Acq: 26 Oct 2018 06:01

Tgt Ion: 98 Resp: 214581
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



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

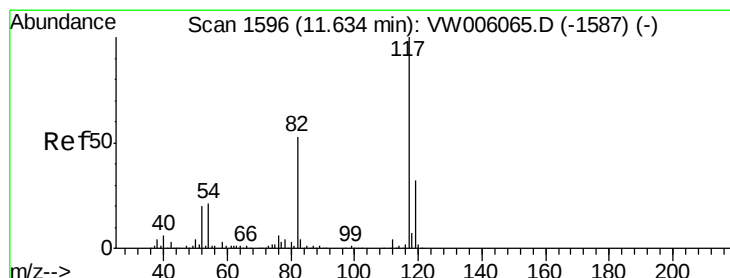
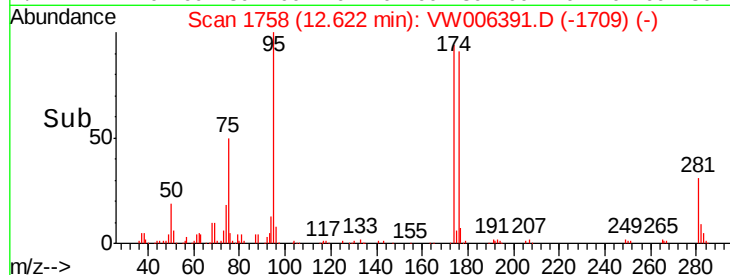
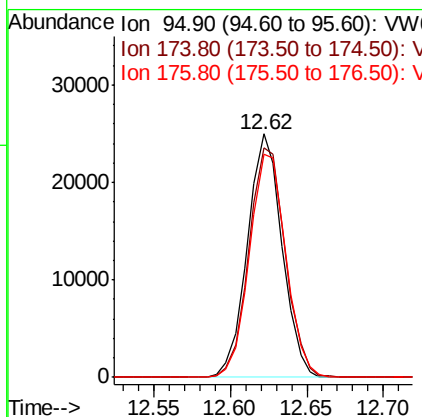
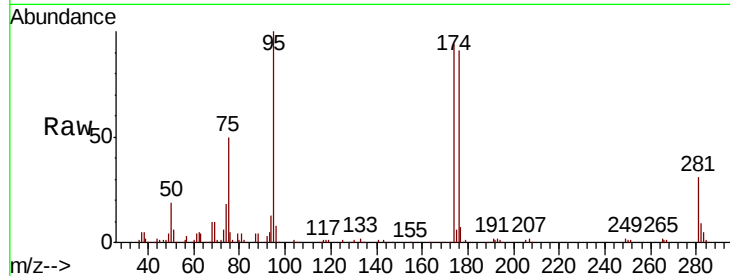




#62
4-Bromofluorobenzene
Concen: 21.416 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006391.D
Acq: 26 Oct 2018 06:01

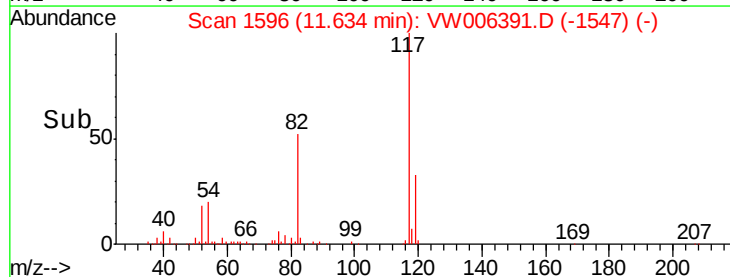
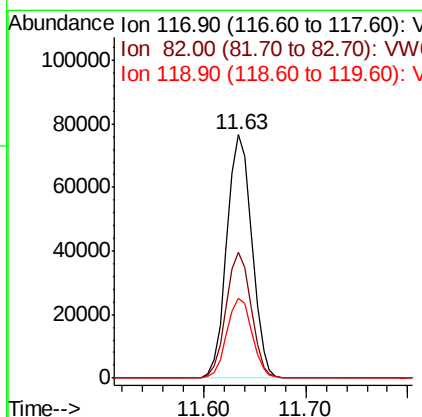
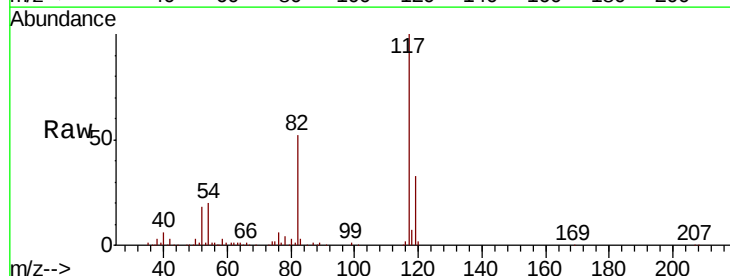
Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-A

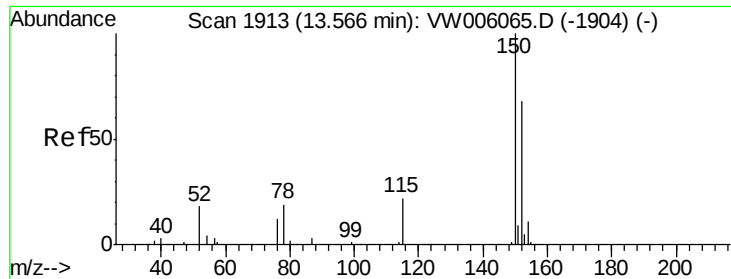
Tot Ion: 95 Resp: 39477
Ion Ratio Lower Upper
95 100
174 98.7 0.0 186.0
176 96.2 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006391.D
Acq: 26 Oct 2018 06:01

Tgt Ion: 117 Resp: 130077
Ion Ratio Lower Upper
117 100
82 51.6 42.1 63.1
119 32.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006391.D

Acq: 26 Oct 2018 06:01

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-A

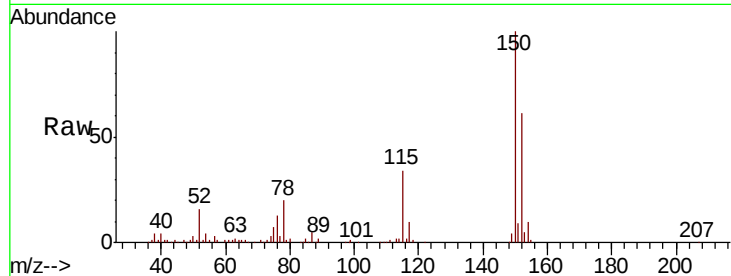
Tot Ion:152 Resp: 33223

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.3

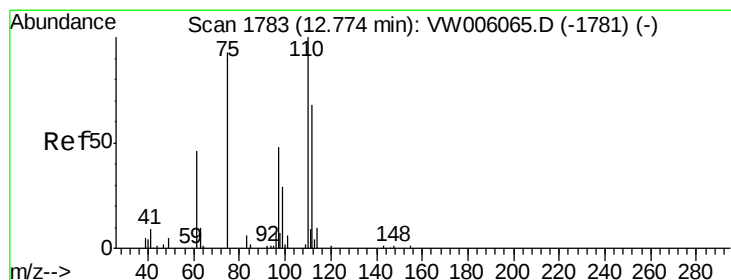
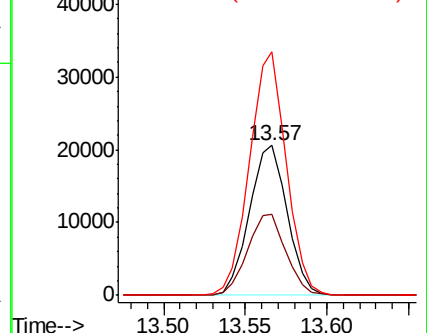
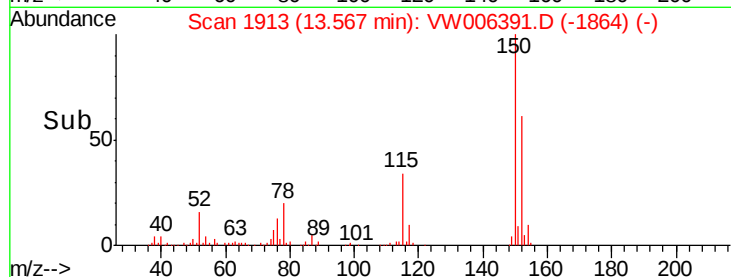
150 158.3 0.0 349.2



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: 78.453 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006391.D

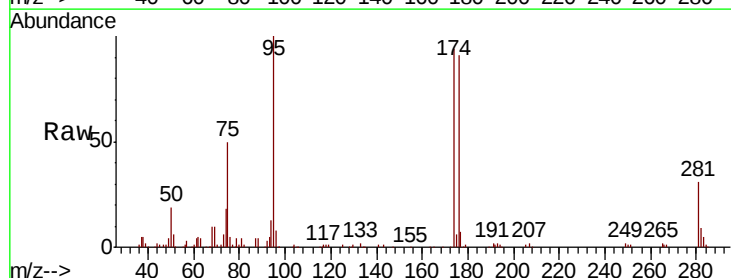
Acq: 26 Oct 2018 06:01

Tgt Ion: 75 Resp: 19908

Ion Ratio Lower Upper

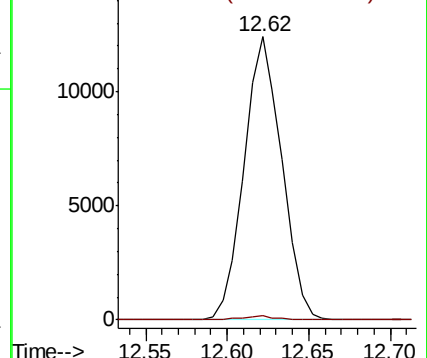
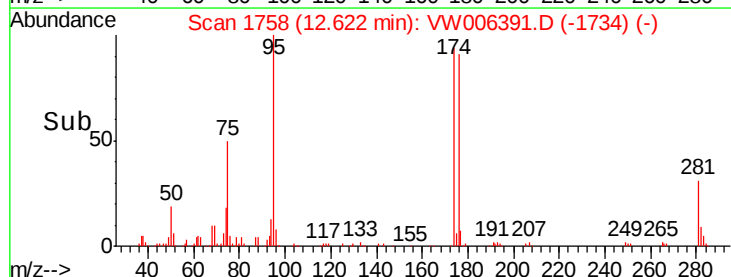
75 100

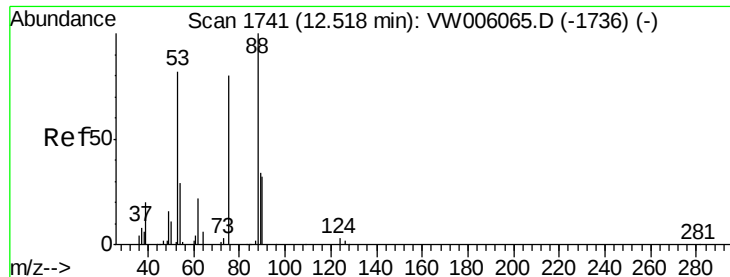
77 1.1 0.0 0.0#



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: 187.533 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006391.D

Acq: 26 Oct 2018 06:01

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-A

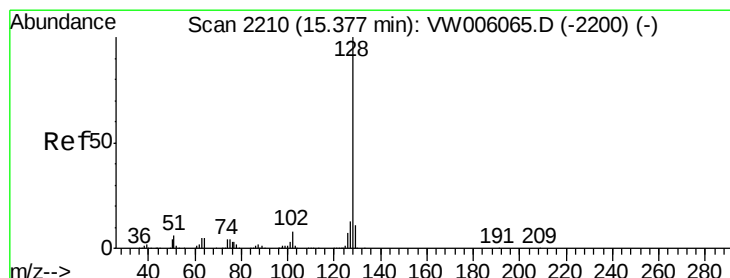
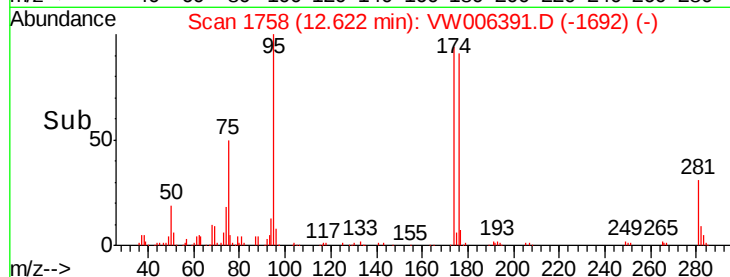
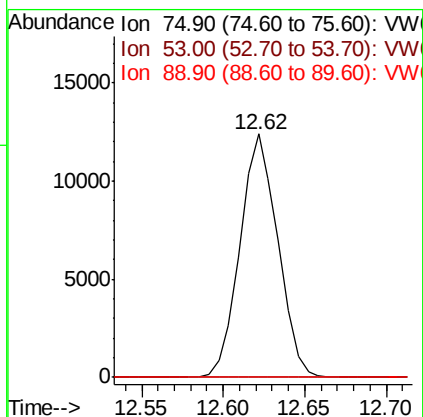
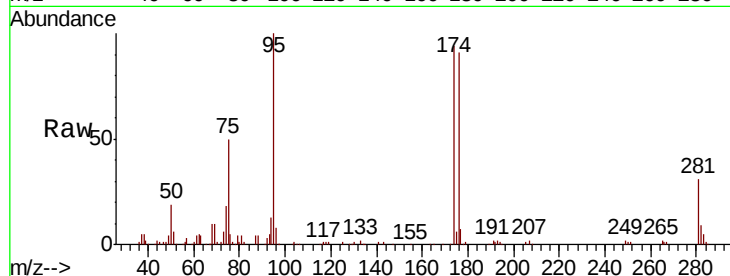
Tot Ion: 75 Resp: 19908

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



#95

Naphthalene

Concen: 1.765 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW006391.D

Acq: 26 Oct 2018 06:01

Tgt Ion: 128 Resp: 2305

Ion Ratio Lower Upper

128 100

127 11.7 10.3 15.5

129 6.8 8.7 13.1#

