

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
 Data File : VW006394.D
 Acq On : 26 Oct 2018 07:19
 Operator : SY/AP
 Sample : J5636-04
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-D

Quant Time: Oct 26 08:21:56 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	146461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	199250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	104792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	21124	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	65839	54.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.44%	
35) Dibromofluoromethane	7.88	113	68688	58.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	116.68%	
50) Toluene-d8	10.33	98	179340	40.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.08%	
62) 4-Bromofluorobenzene	12.62	95	27638	16.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	32.86%	

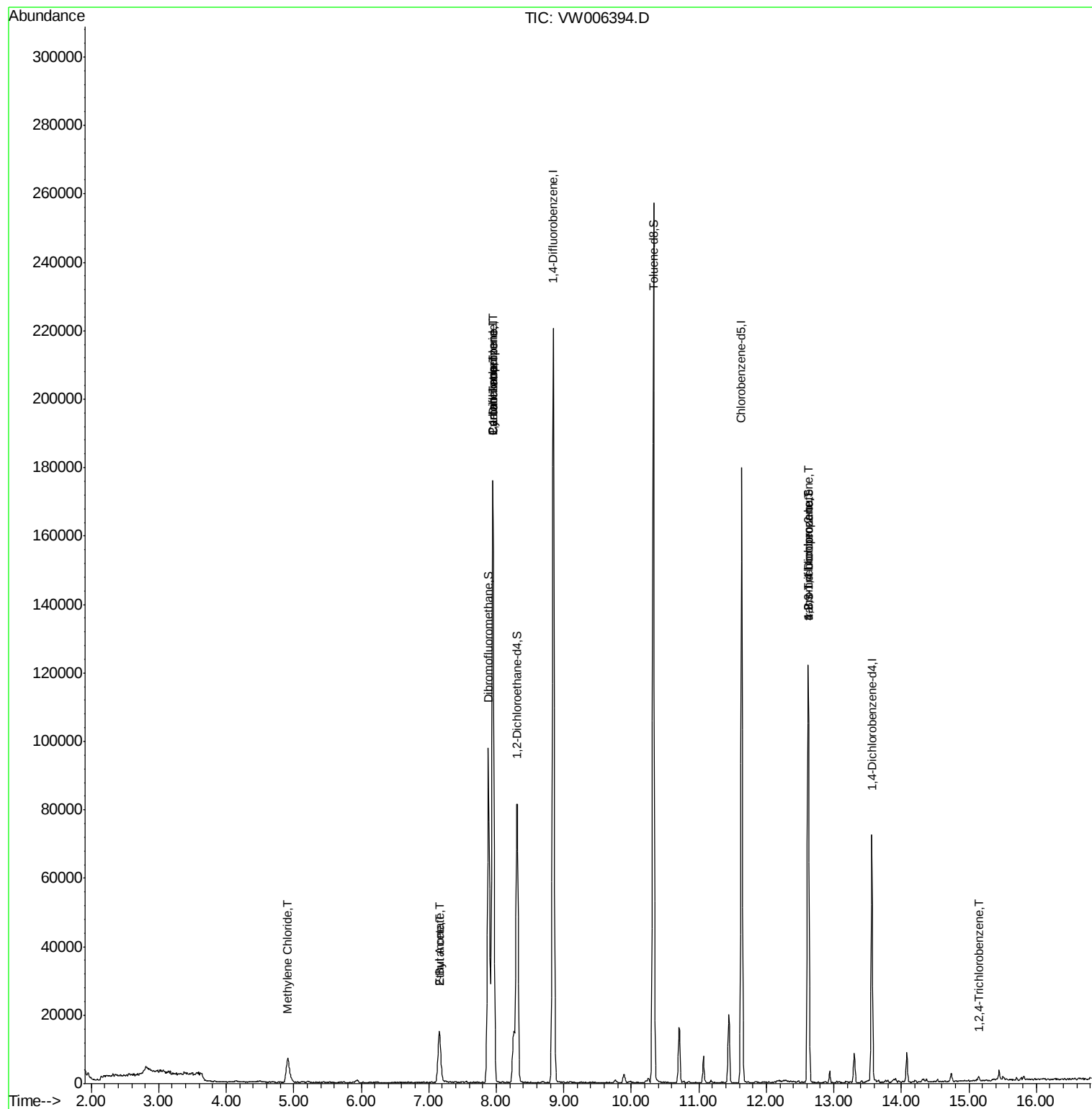
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	655	Below Cal		99
20) Methylene Chloride	4.91	84	6409	3.474	ug/l	95
25) 2-Butanone	7.15	43	859	2.619	ug/l #	46
31) Cyclohexane	7.95	56	2742	1.234	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	9433	5.136	ug/l #	48
37) Ethyl Acetate	7.15	43	859	1.259	ug/l #	1
38) Carbon Tetrachloride	7.95	117	12973	6.444	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	14406	89.287	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	14406	213.430	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.14	180	510	1.021	ug/l #	83

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102718\
Data File : VW006394.D
Acq On : 26 Oct 2018 07:19
Operator : SY/AP
Sample : J5636-04
Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-D

Quant Time: Oct 26 08:21:56 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: VW006394.D

Acq: 26 Oct 2018 07:19

Instrument :

MSVOA_W

ClientSampled :

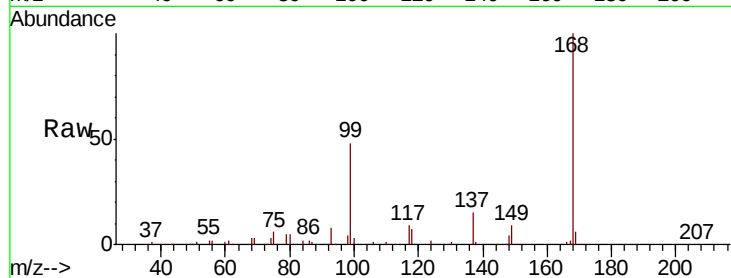
HP-GRID-D

Tot Ion:168 Resp: 146461

Ion Ratio Lower Upper

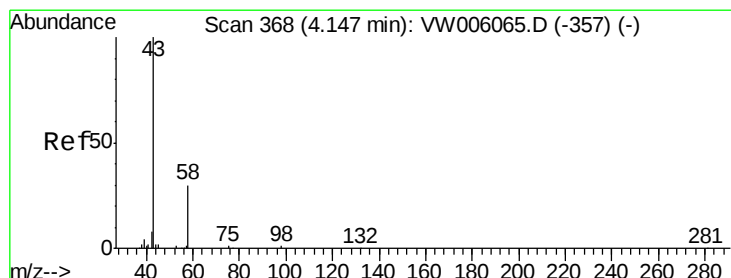
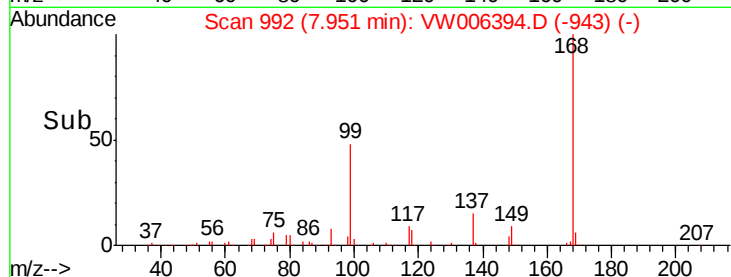
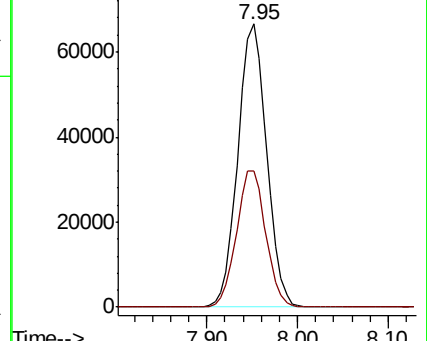
168 100

99 48.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: Below Cal

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW006394.D

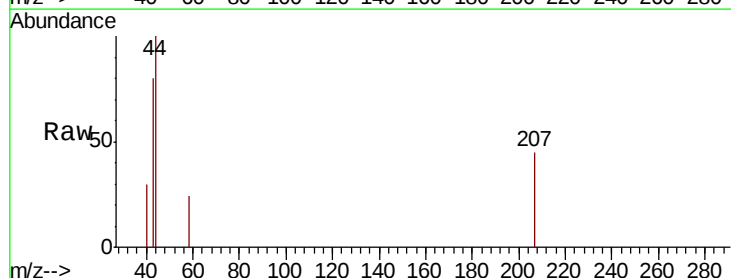
Acq: 26 Oct 2018 07:19

Tgt Ion: 43 Resp: 655

Ion Ratio Lower Upper

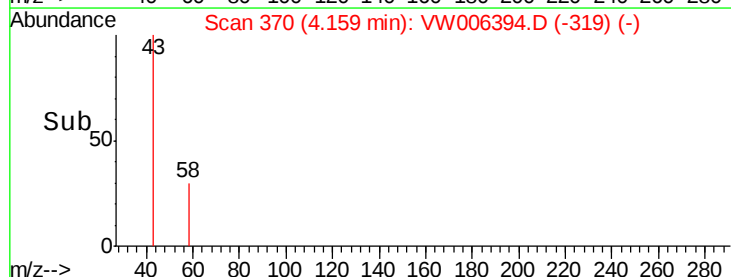
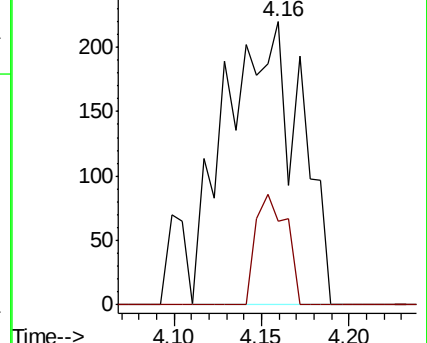
43 100

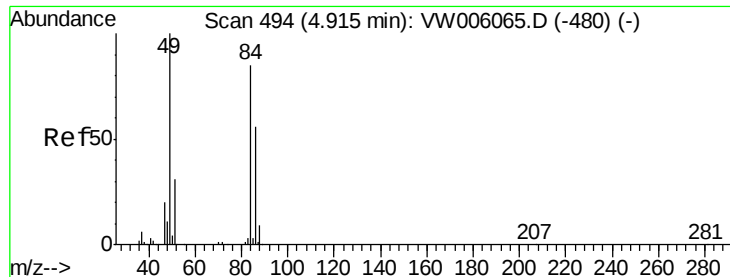
58 29.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 3.474 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006394.D

Acq: 26 Oct 2018 07:19

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-D

Tot Ion: 84 Resp: 6409

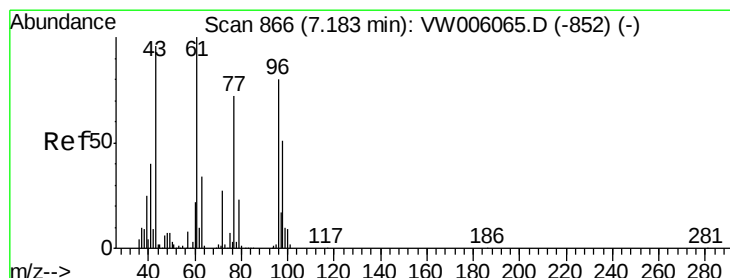
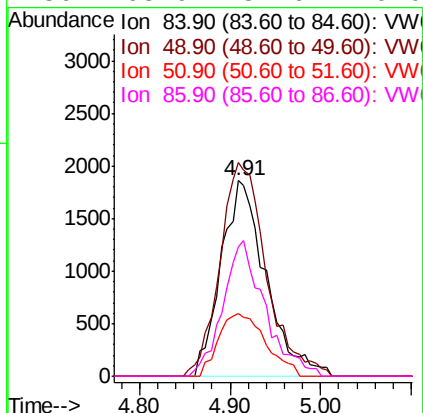
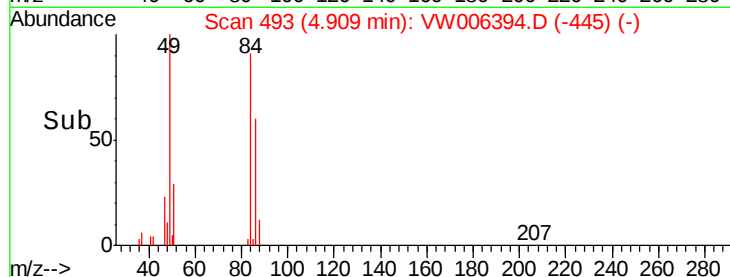
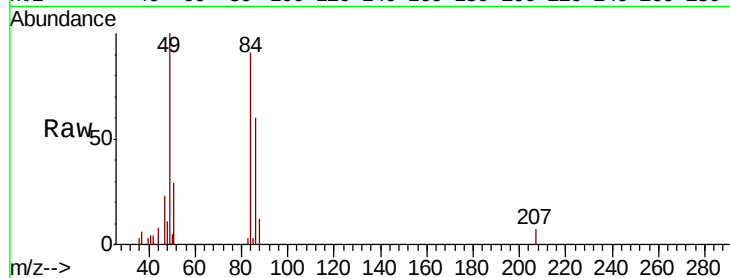
Ion Ratio Lower Upper

84 100

49 109.4 93.6 140.4

51 31.9 29.0 43.4

86 65.9 52.6 79.0



#25

2-Butanone

Concen: 2.619 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006394.D

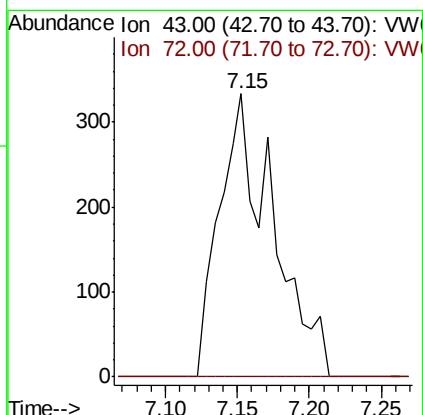
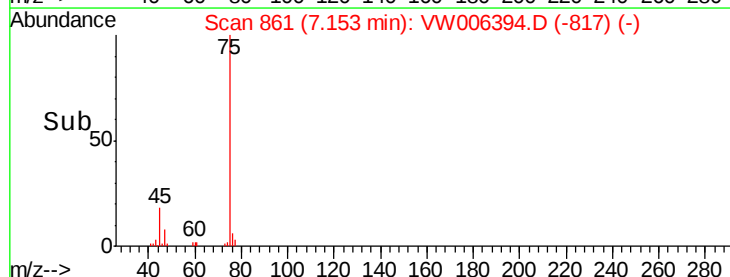
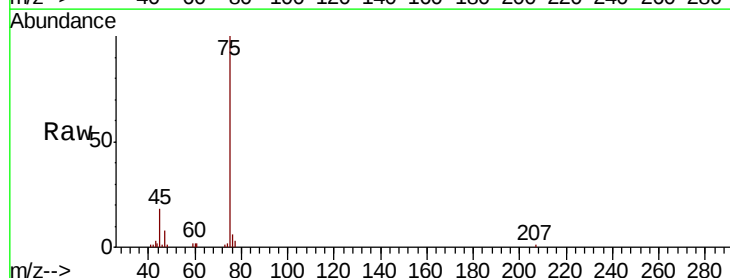
Acq: 26 Oct 2018 07:19

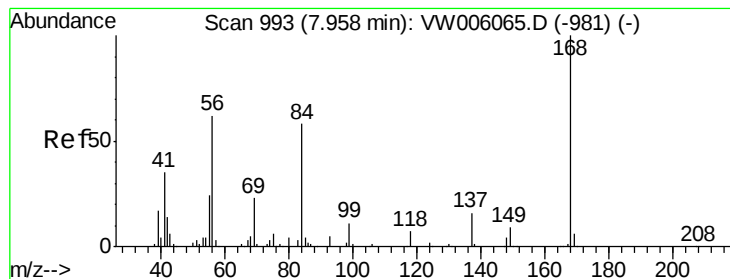
Tgt Ion: 43 Resp: 859

Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#





#31

Cyclohexane

Concen: 1.234 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006394.D

Acq: 26 Oct 2018 07:19

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-D

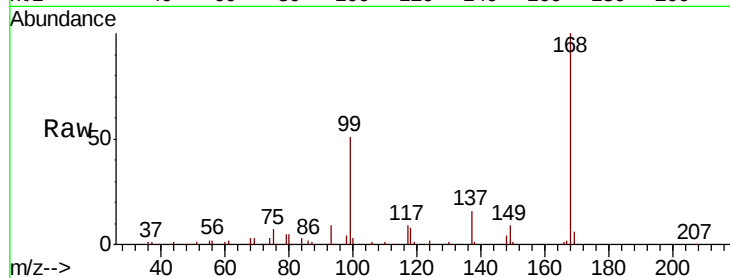
Tot Ion: 56 Resp: 2742

Ion Ratio Lower Upper

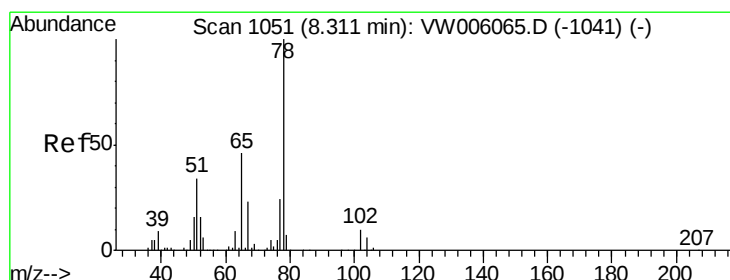
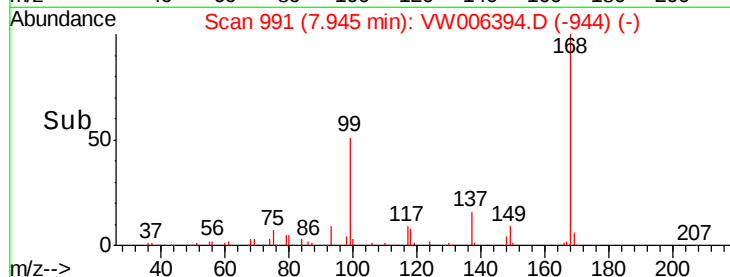
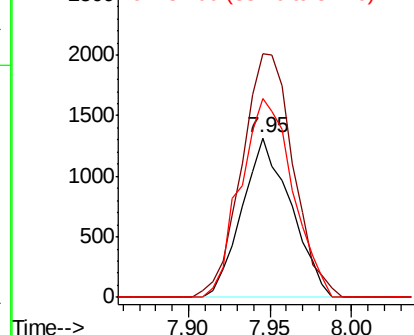
56 100

69 152.9 29.4 44.0#

84 124.7 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: 54.222 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006394.D

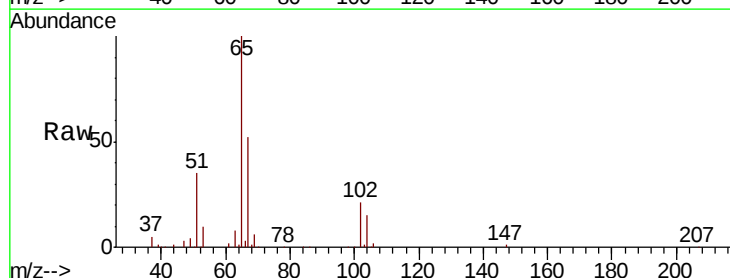
Acq: 26 Oct 2018 07:19

Tgt Ion: 65 Resp: 65839

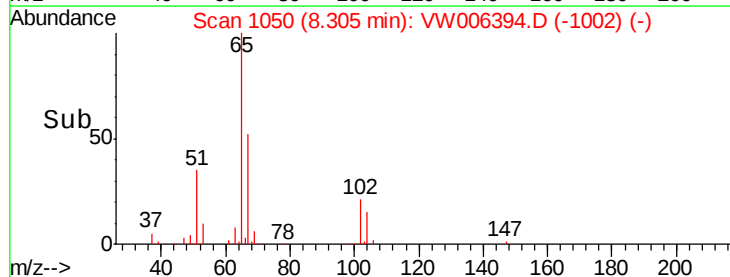
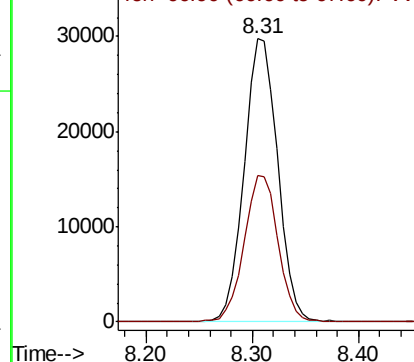
Ion Ratio Lower Upper

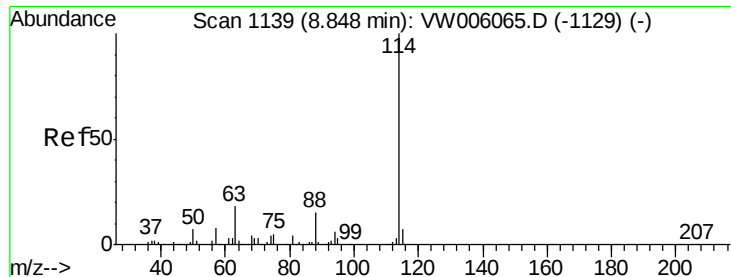
65 100

67 52.5 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: VW006394.D

Acq: 26 Oct 2018 07:19

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-D

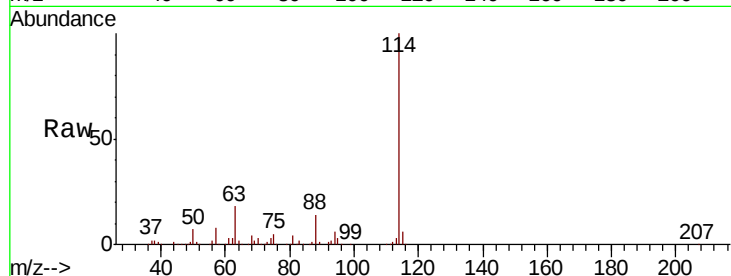
Tot Ion:114 Resp: 199250

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

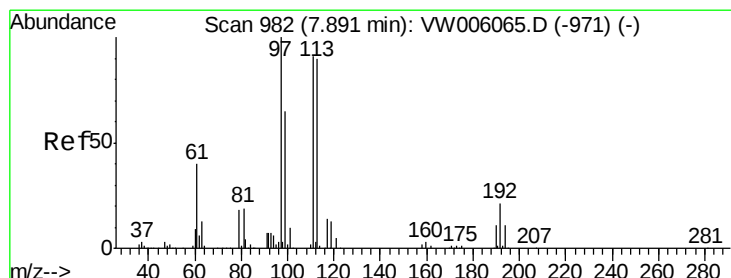
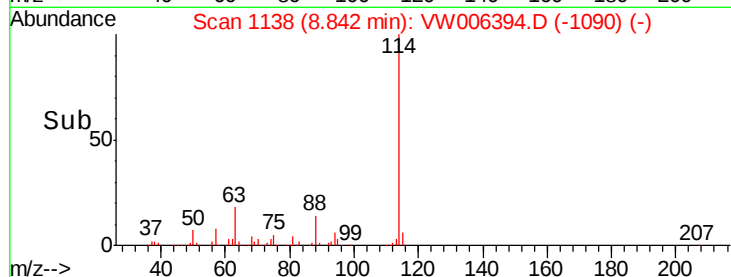
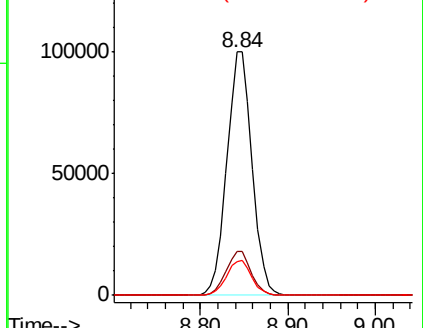
88 14.0 0.0 29.0



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: 58.341 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006394.D

Acq: 26 Oct 2018 07:19

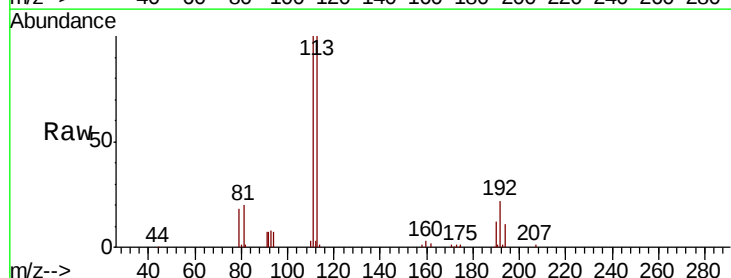
Tgt Ion:113 Resp: 68688

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

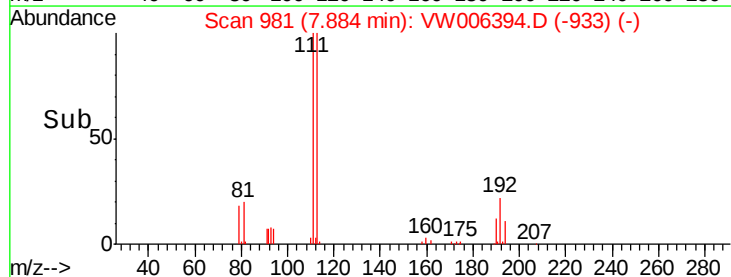
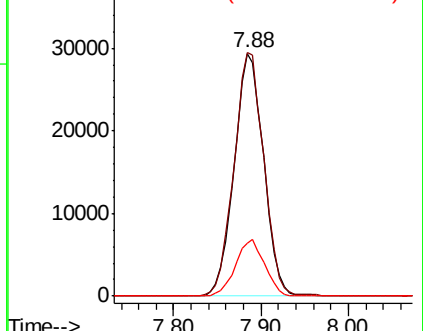
192 22.8 18.7 28.1

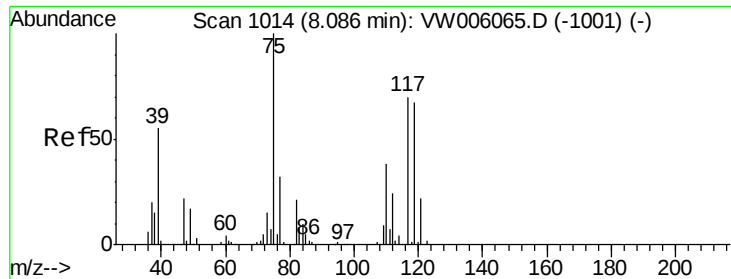


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

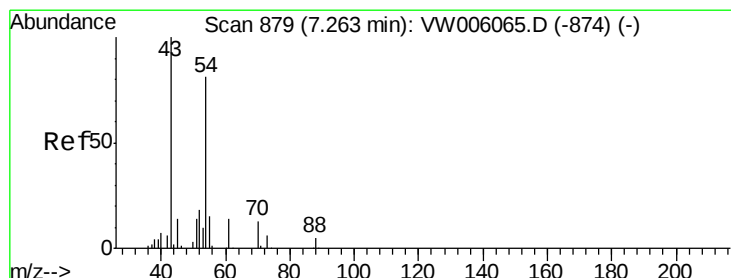
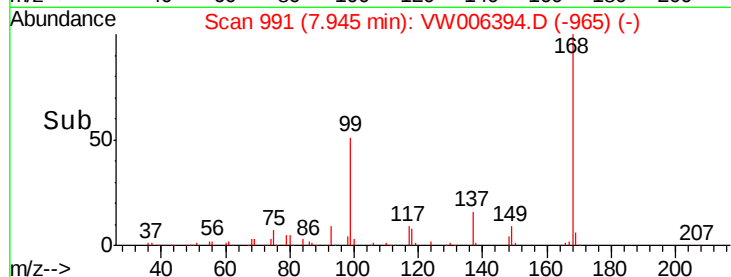
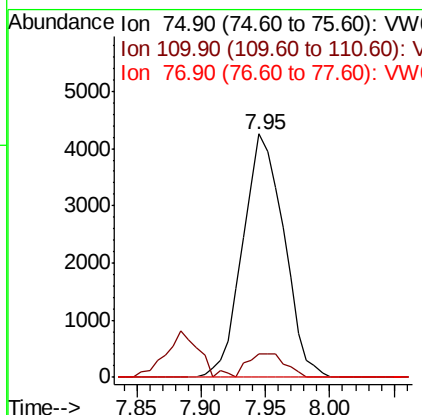
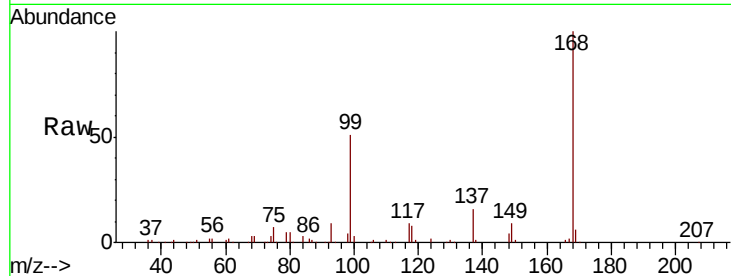




#36
 1,1-Dichloropropene
 Concen: 5.136 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006394.D
 Acq: 26 Oct 2018 07:19

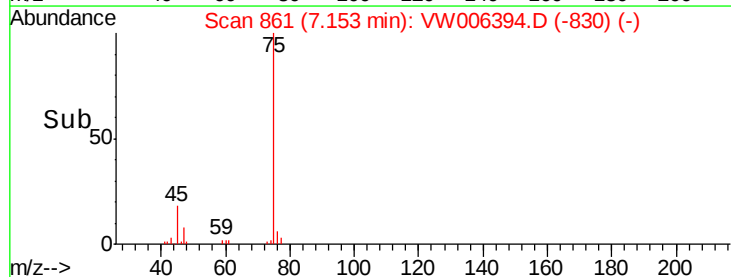
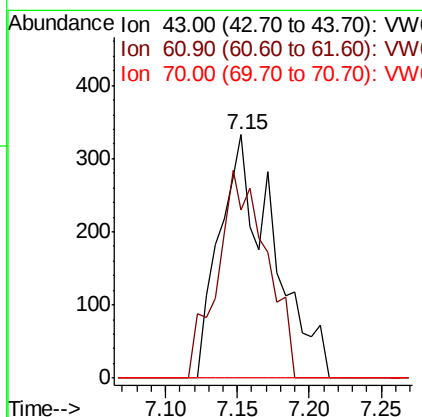
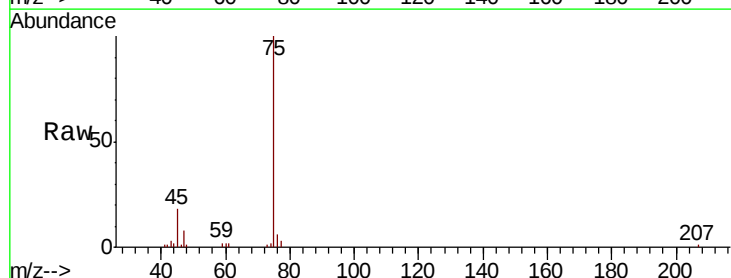
Instrument :
 MSVOA_W
 ClientSampled :
 HP-GRID-D

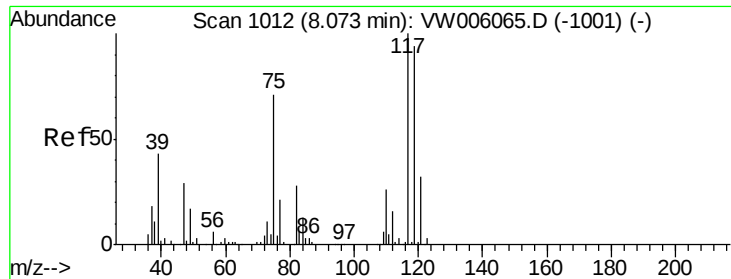
Tot Ion: 75 Resp: 9433
 Ion Ratio Lower Upper
 75 100
 110 8.9 19.1 57.1#
 77 0.0 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 1.259 ug/l
 RT: 7.15 min Scan# 861
 Delta R.T. -0.11 min
 Lab File: VW006394.D
 Acq: 26 Oct 2018 07:19

Tgt Ion: 43 Resp: 859
 Ion Ratio Lower Upper
 43 100
 61 77.9 11.5 17.3#
 70 0.0 9.2 13.8#

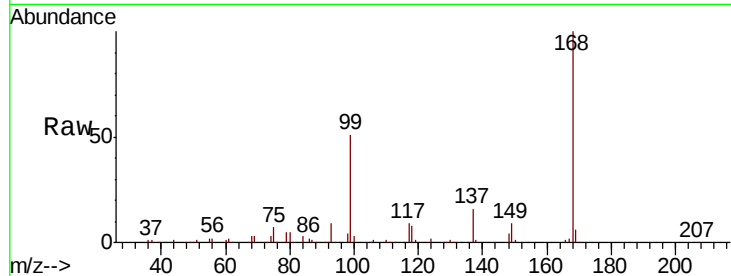




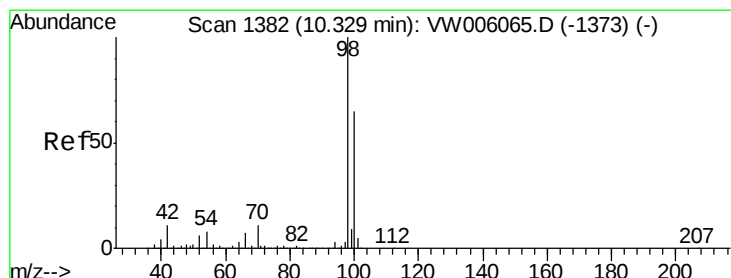
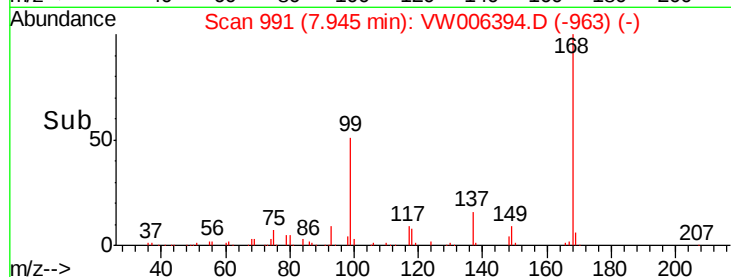
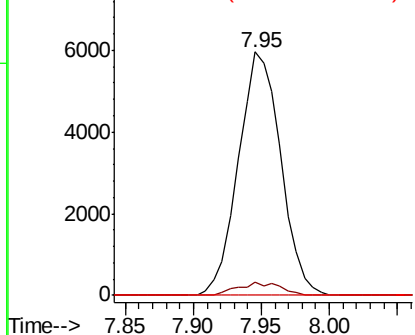
#38
Carbon Tetrachloride
Concen: 6.444 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006394.D
Acq: 26 Oct 2018 07:19

Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-D

Tot Ion:117 Resp: 12973
Ion Ratio Lower Upper
117 100
119 5.6 75.2 112.8#
121 0.0 25.3 37.9#

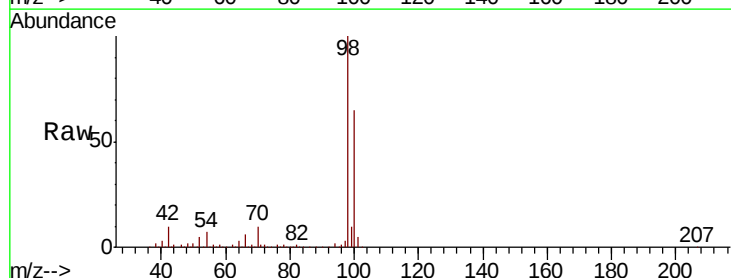


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

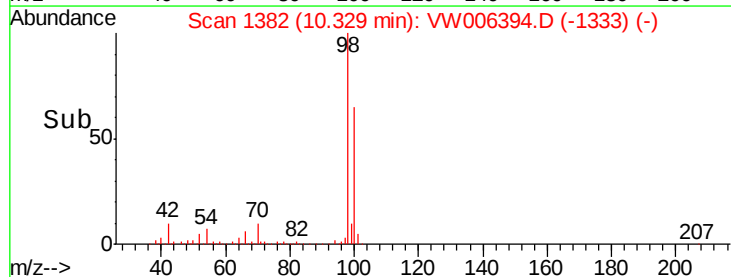
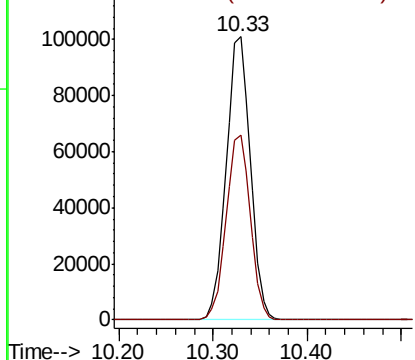


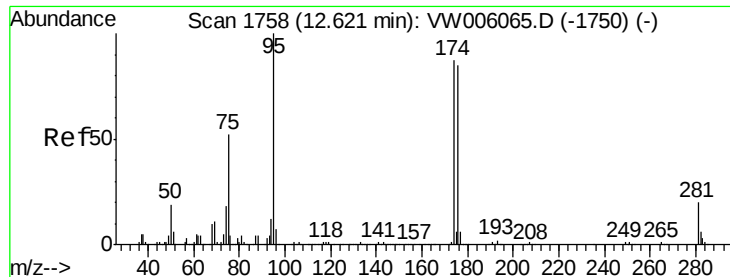
#50
Toluene-d8
Concen: 40.038 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006394.D
Acq: 26 Oct 2018 07:19

Tgt Ion: 98 Resp: 179340
Ion Ratio Lower Upper
98 100
100 65.4 51.6 77.4



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

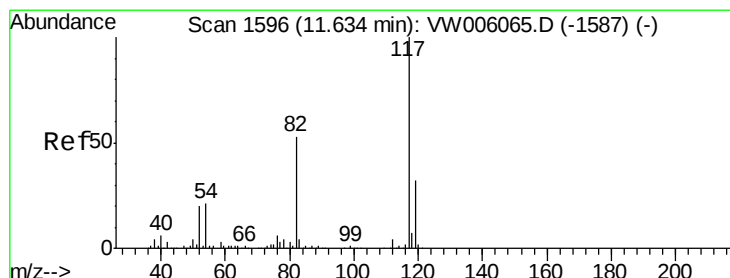
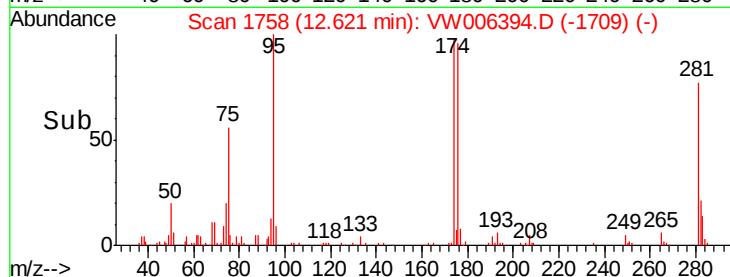
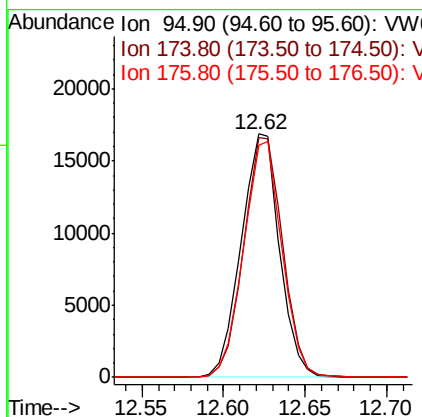
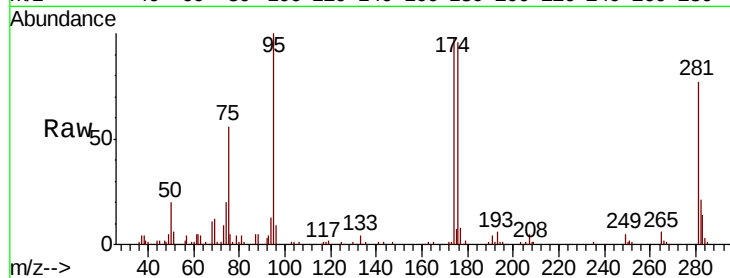




#62
4-Bromofluorobenzene
Concen: 16.428 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006394.D
Acq: 26 Oct 2018 07:19

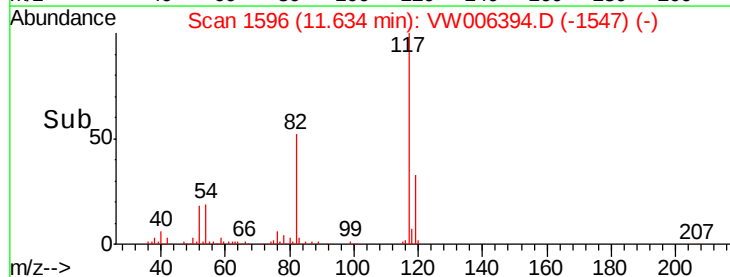
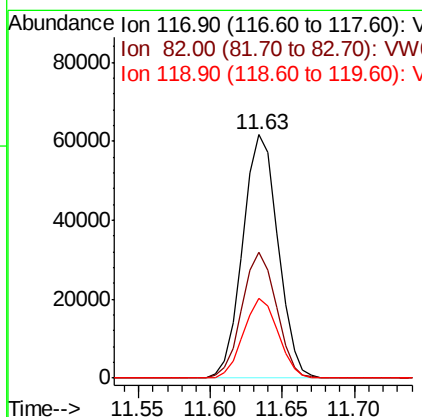
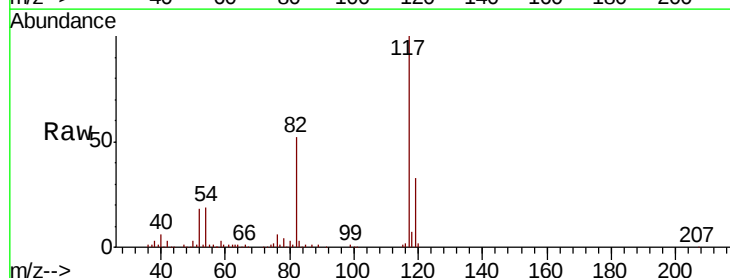
Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-D

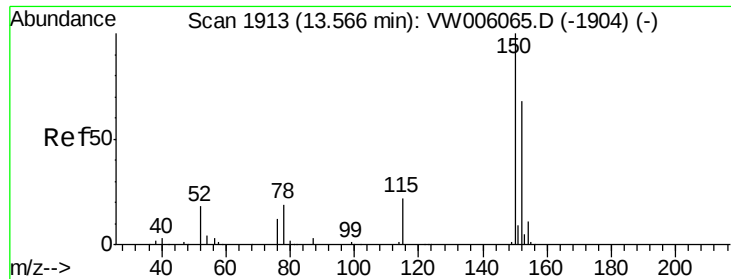
Tot Ion: 95 Resp: 27638
Ion Ratio Lower Upper
95 100
174 99.9 0.0 186.0
176 97.3 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006394.D
Acq: 26 Oct 2018 07:19

Tgt Ion: 117 Resp: 104792
Ion Ratio Lower Upper
117 100
82 51.9 42.1 63.1
119 32.7 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: VW006394.D

Acq: 26 Oct 2018 07:19

Instrument :

MSVOA_W

ClientSampled :

HP-GRID-D

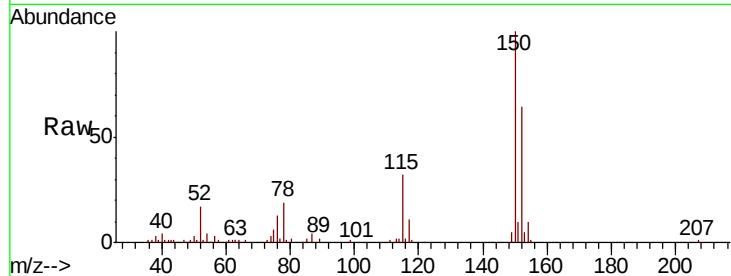
Tot Ion:152 Resp: 21124

Ion Ratio Lower Upper

152 100

115 53.1 27.8 83.3

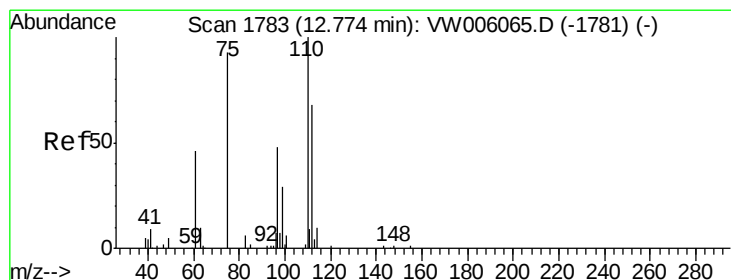
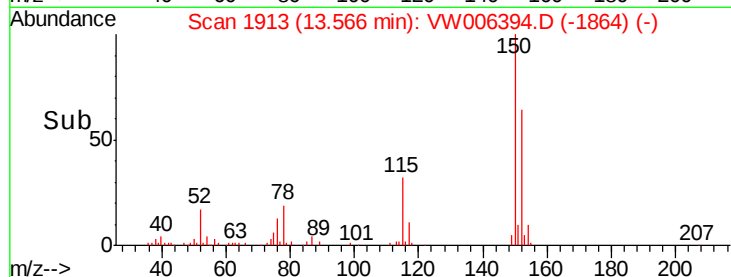
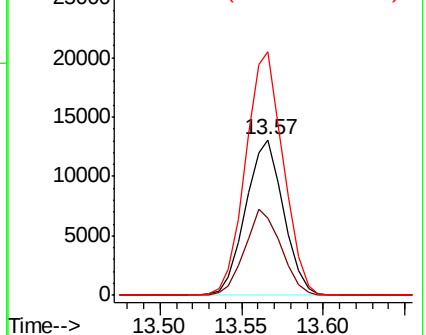
150 155.6 0.0 349.2



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: 89.287 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006394.D

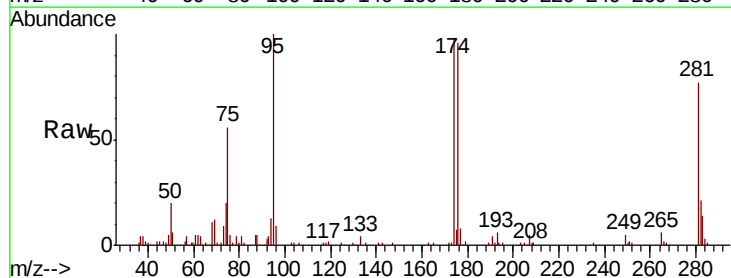
Acq: 26 Oct 2018 07:19

Tgt Ion: 75 Resp: 14406

Ion Ratio Lower Upper

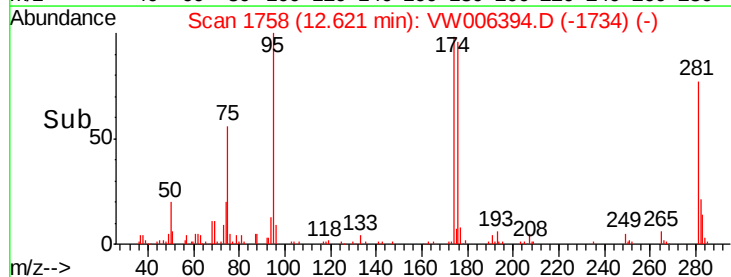
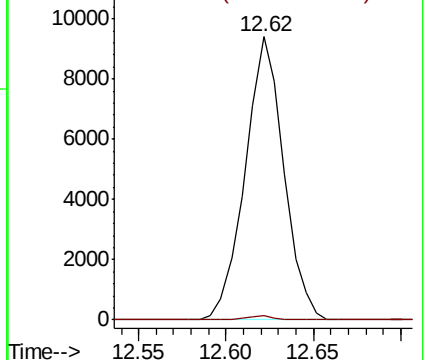
75 100

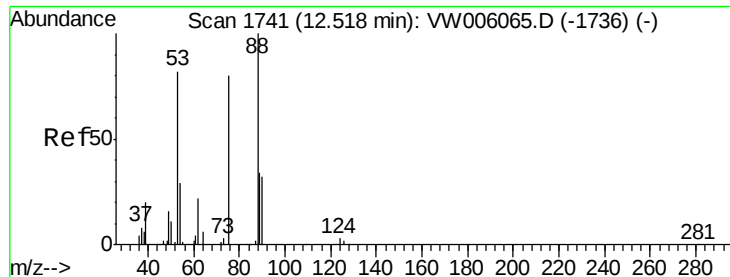
77 1.0 0.0 0.0#



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: 213.430 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006394.D

Acq: 26 Oct 2018 07:19

Instrument :

MSVOA_W

ClientSampled :

HP-GRID-D

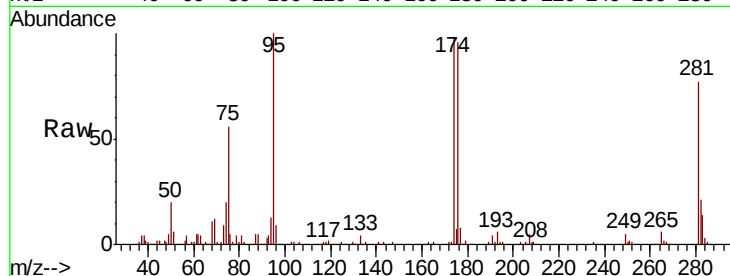
Tot Ion: 75 Resp: 14406

Ion Ratio Lower Upper

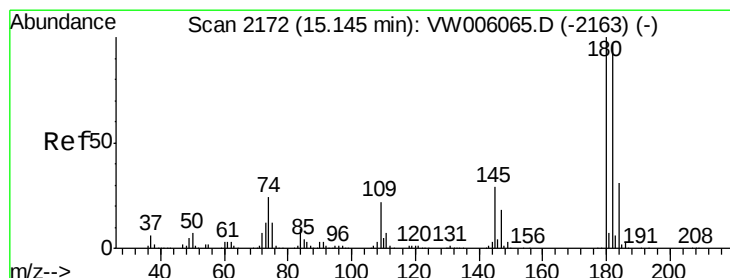
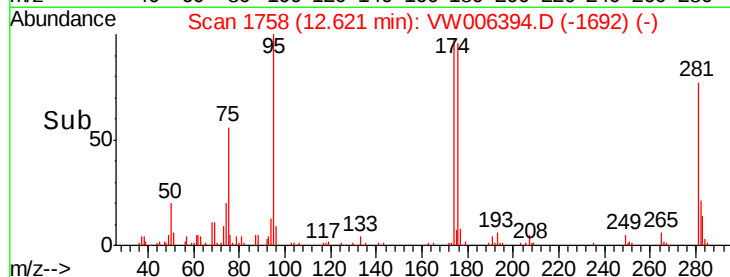
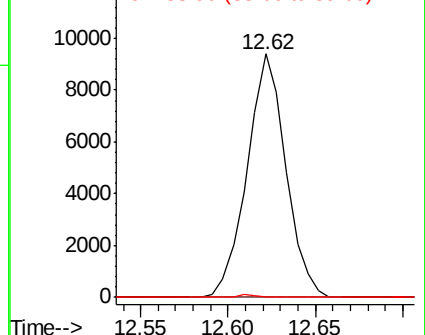
75 100

53 0.0 79.8 119.6#

89 0.5 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



#93

1,2,4-Trichlorobenzene

Concen: 1.021 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.01 min

Lab File: VW006394.D

Acq: 26 Oct 2018 07:19

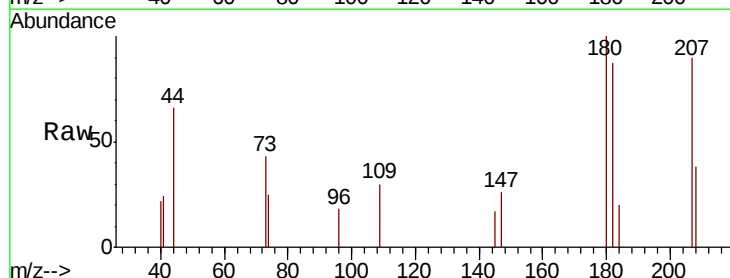
Tgt Ion: 180 Resp: 510

Ion Ratio Lower Upper

180 100

182 84.5 47.9 143.6

145 9.8 14.2 42.8#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

