

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004342.D
 Acq On : 30 Jul 2018 05:26
 Operator : SY/AP
 Sample : J4189-11
 Misc : 6.25G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 07:00:09 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

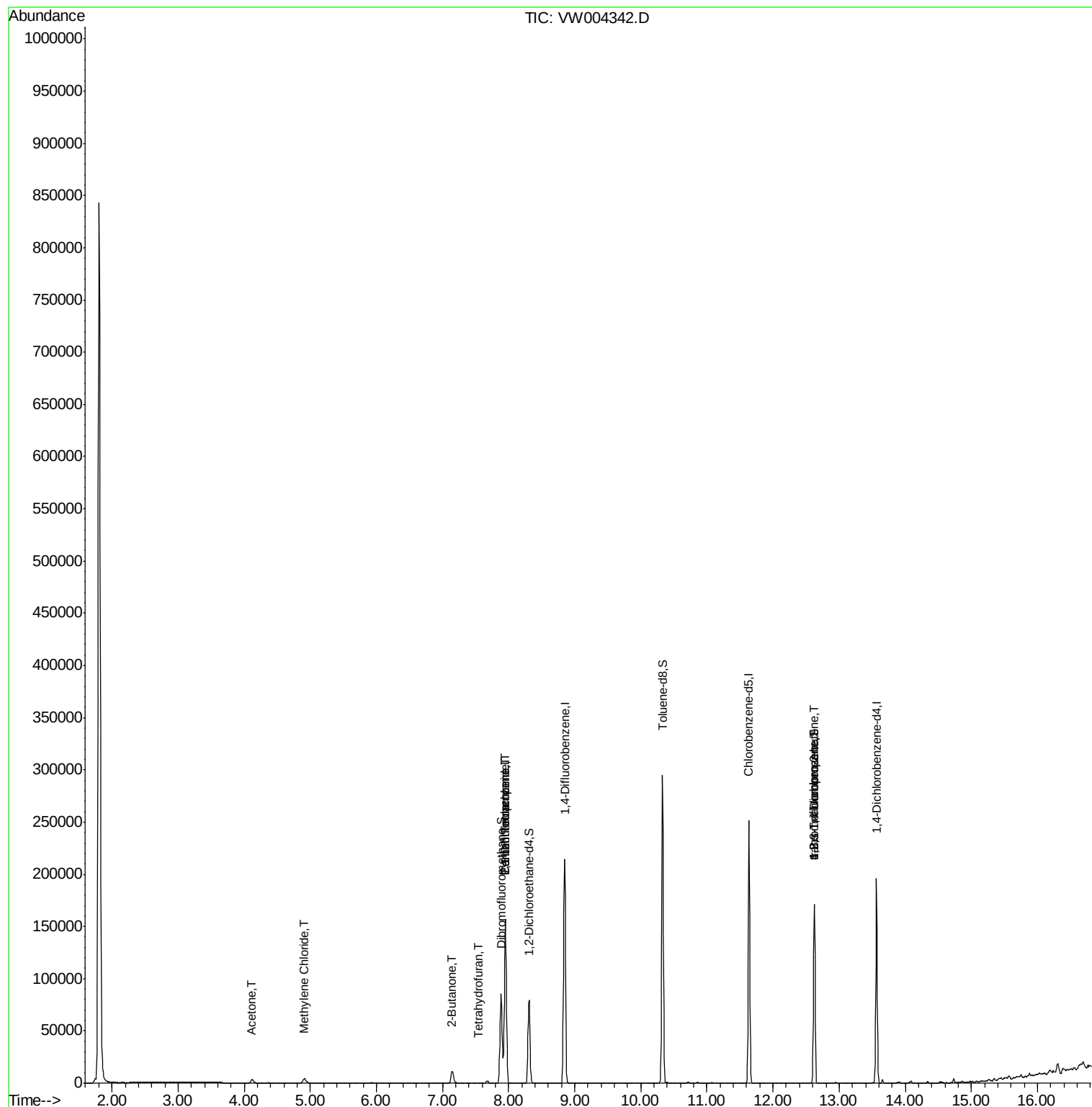
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	124466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	190607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	148519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	53565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	66864	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
35) Dibromofluoromethane	7.88	113	61397	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
50) Toluene-d8	10.33	98	203076	42.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.32%	
62) 4-Bromofluorobenzene	12.62	95	55409	33.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.12%	
Target Compounds						
6) Chloroethane	2.94	64	30	Below Cal	#	45
16) Acetone	4.12	43	6066	31.432	ug/l	95
20) Methylene Chloride	4.91	84	4458	2.231	ug/l	90
25) 2-Butanone	7.15	43	458	1.313	ug/l #	50
29) Tetrahydrofuran	7.54	42	66	2.931	ug/l #	35
36) 1,1-Dichloropropene	7.95	75	7994	4.192	ug/l #	51
38) Carbon Tetrachloride	7.96	117	11464	6.089	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	27738	56.740	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	27738	132.027	ug/l #	11

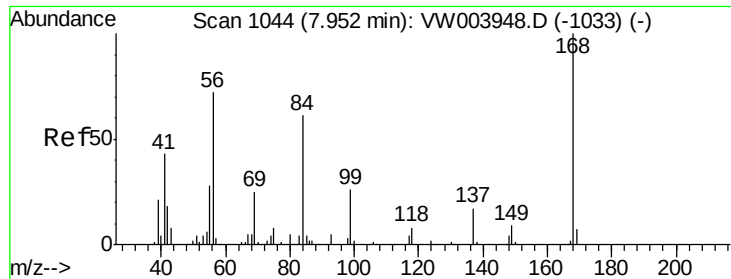
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004342.D

Acq: 30 Jul 2018 05:26

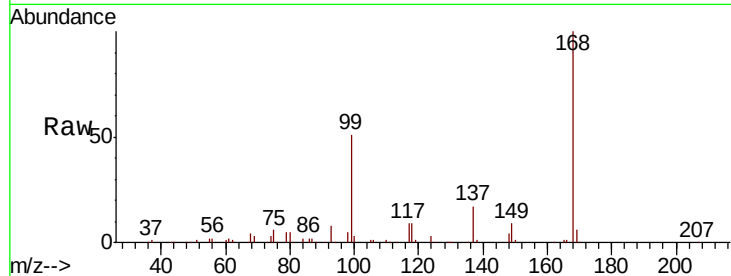
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 124466

Ion Ratio Lower Upper

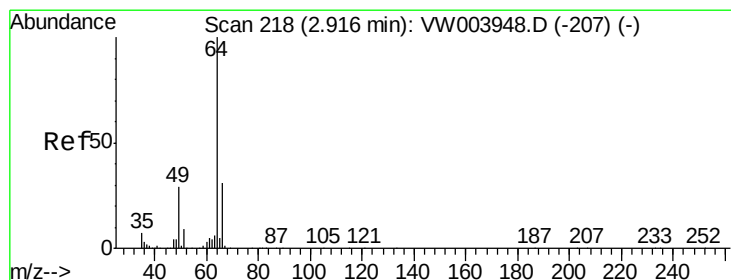
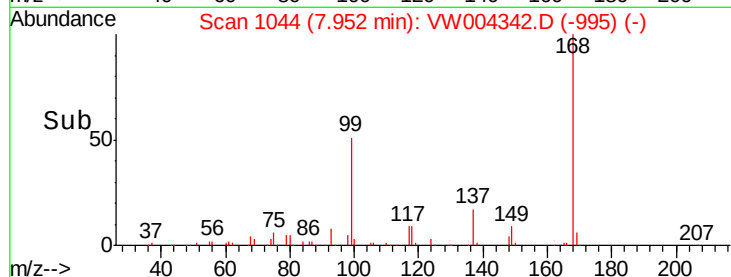
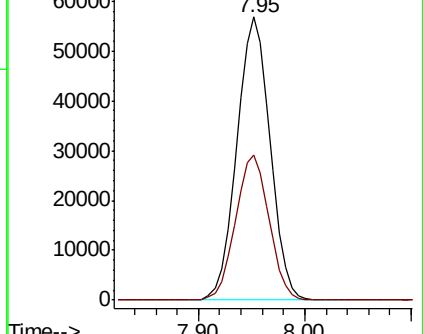
168 100

99 51.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#6

Chloroethane

Concen: Below Cal

RT: 2.94 min Scan# 222

Delta R.T. 0.02 min

Lab File: VW004342.D

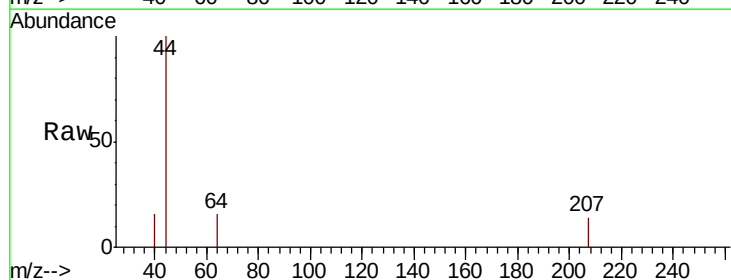
Acq: 30 Jul 2018 05:26

Tgt Ion: 64 Resp: 30

Ion Ratio Lower Upper

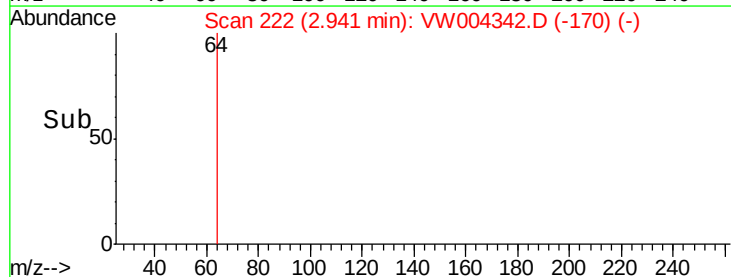
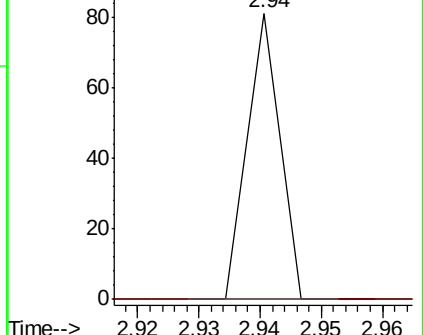
64 100

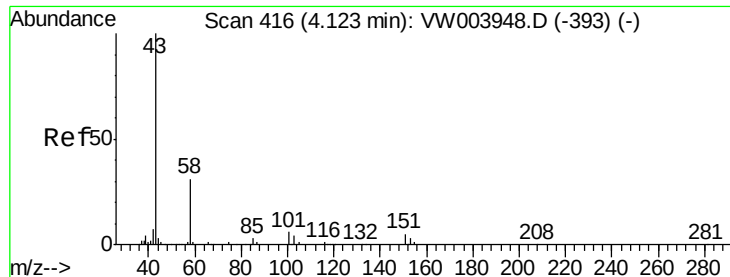
66 0.0 23.7 35.5#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#16

Acetone

Concen: 31.432 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW004342.D

Acq: 30 Jul 2018 05:26

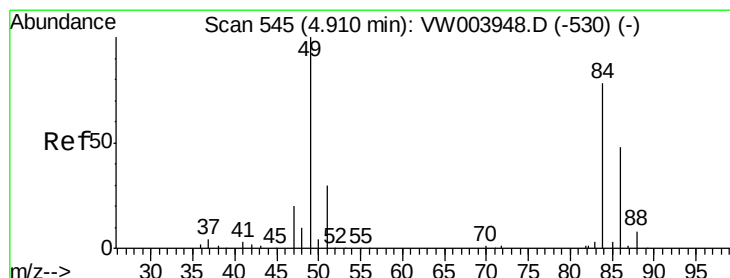
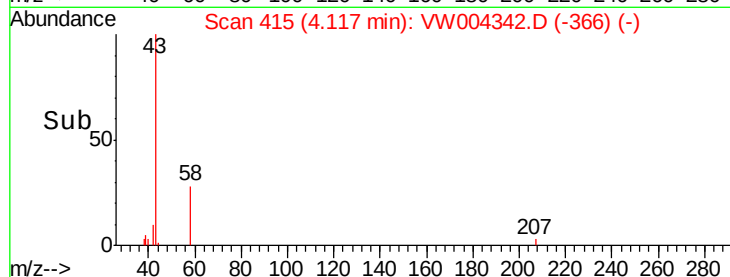
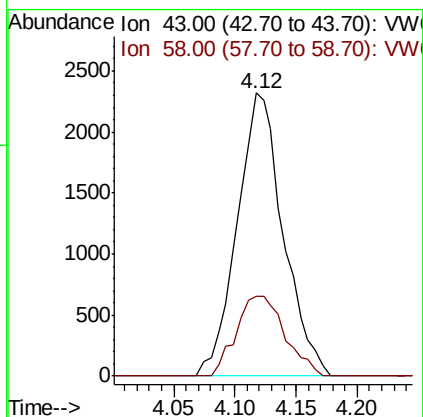
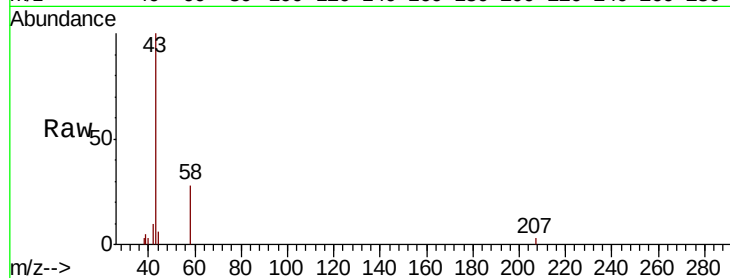
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 6066

Ion Ratio Lower Upper

43 100

58 28.4 24.8 37.2



#20

Methylene Chloride

Concen: 2.231 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004342.D

Acq: 30 Jul 2018 05:26

Tgt Ion: 84 Resp: 4458

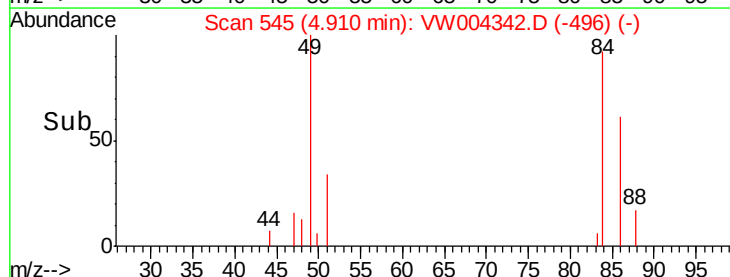
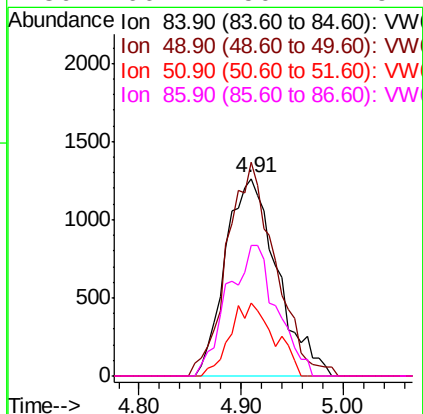
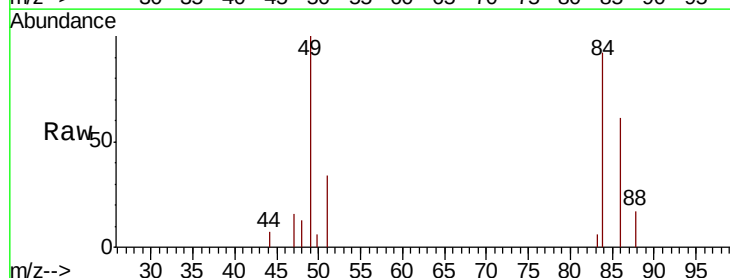
Ion Ratio Lower Upper

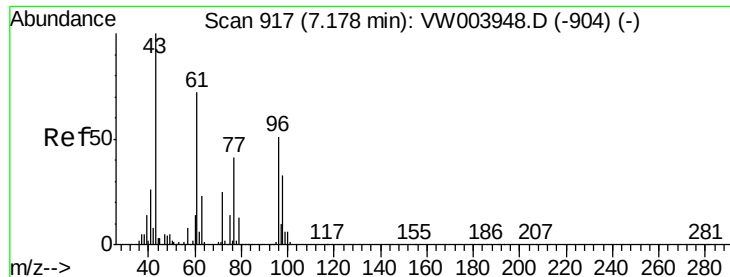
84 100

49 108.3 100.5 150.7

51 37.3 30.9 46.3

86 66.2 50.2 75.4

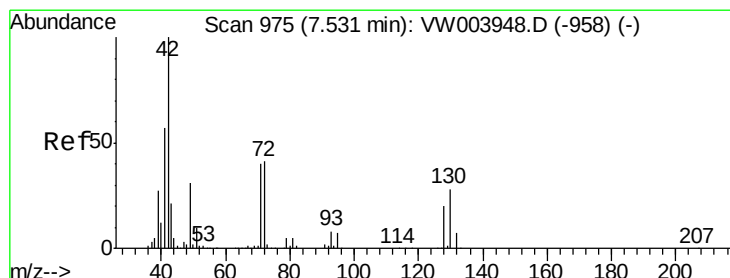
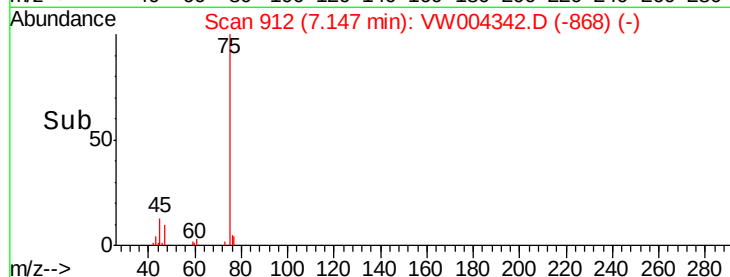
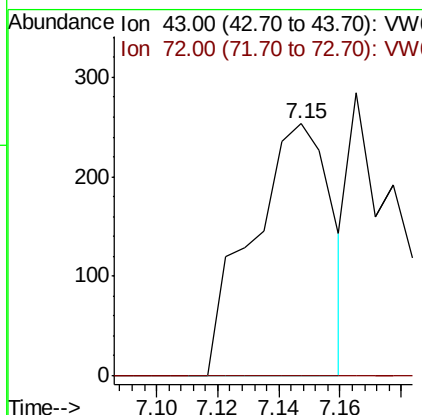
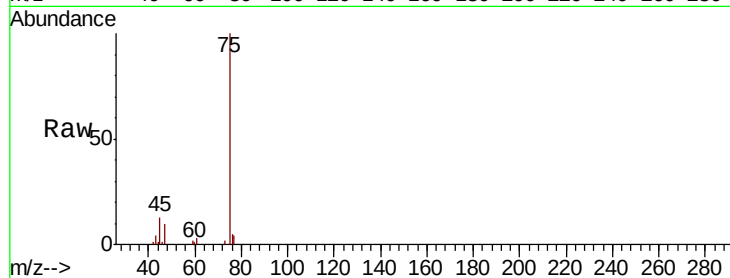




#25
 2-Butanone
 Concen: 1.313 ug/l
 RT: 7.15 min Scan# 912
 Delta R.T. -0.03 min
 Lab File: VW004342.D
 Acq: 30 Jul 2018 05:26

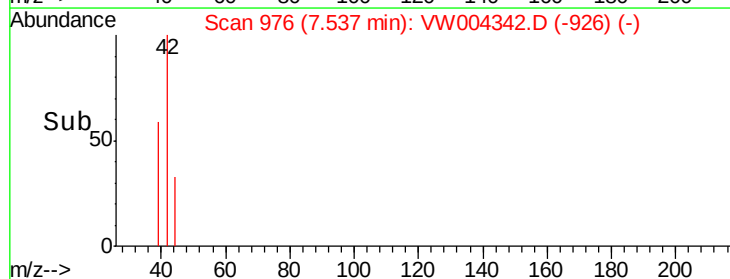
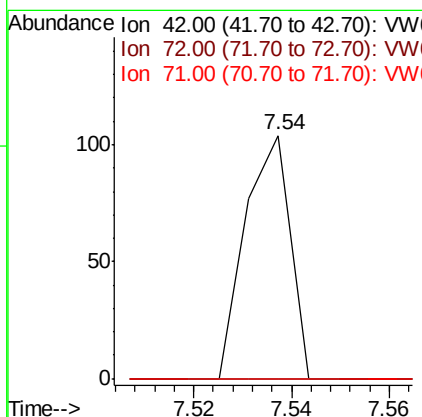
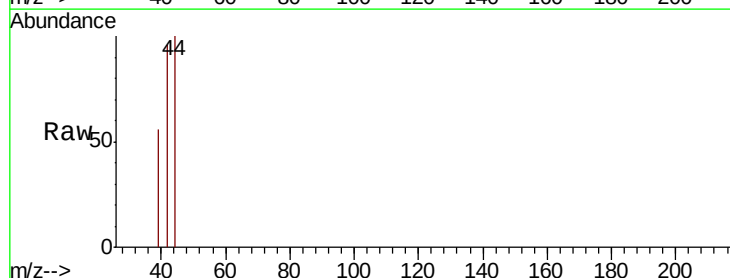
Instrument :
 MSVOA_W
 ClientSampleId :

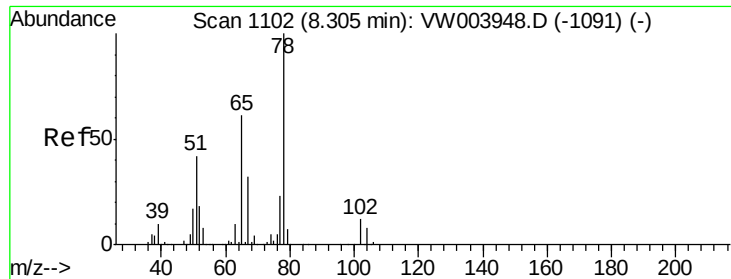
Tot Ion: 43 Resp: 458
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.3 30.5#



#29
 Tetrahydrofuran
 Concen: 2.931 ug/l
 RT: 7.54 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VW004342.D
 Acq: 30 Jul 2018 05:26

Tgt Ion: 42 Resp: 66
 Ion Ratio Lower Upper
 42 100
 72 0.0 32.6 48.8#
 71 0.0 31.3 46.9#

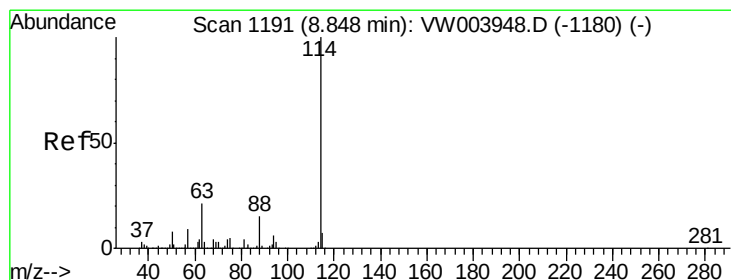
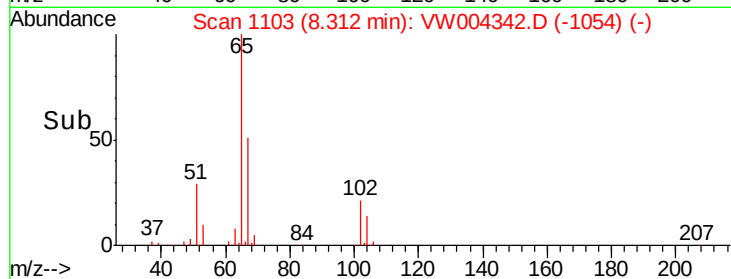
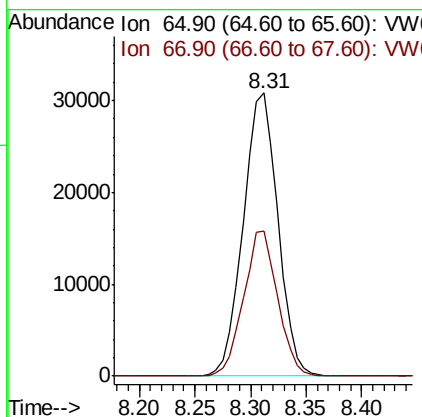
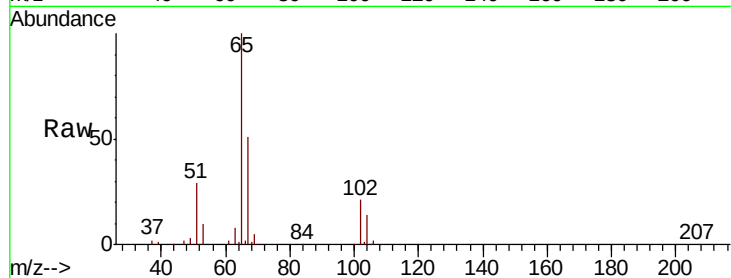




#33
 1,2-Dichloroethane-d4
 Concen: 53.256 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004342.D
 Acq: 30 Jul 2018 05:26

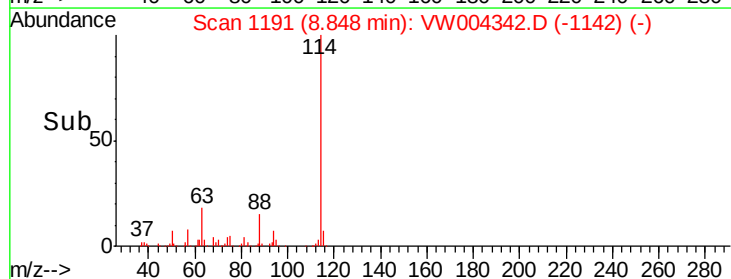
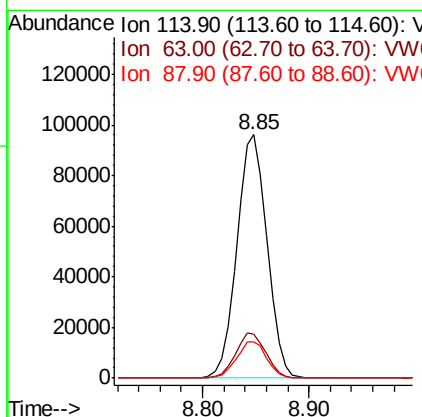
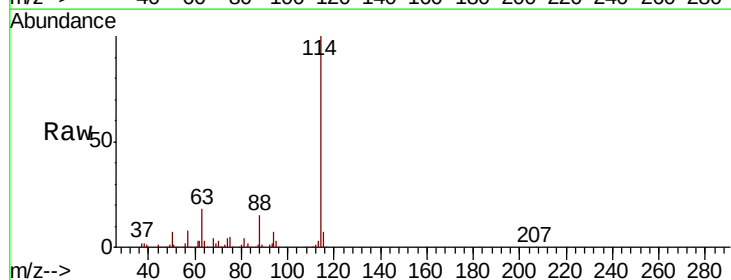
Instrument :
 MSVOA_W
 ClientSampleId :

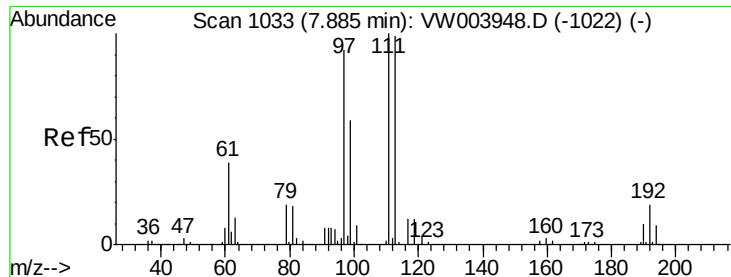
Tot Ion: 65 Resp: 66864
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004342.D
 Acq: 30 Jul 2018 05:26

Tgt Ion: 114 Resp: 190607
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 41.4
 88 14.8 0.0 30.6

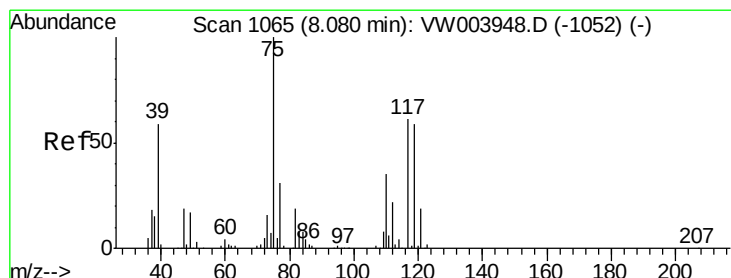
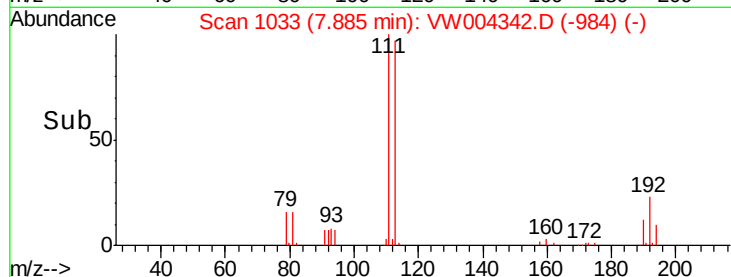
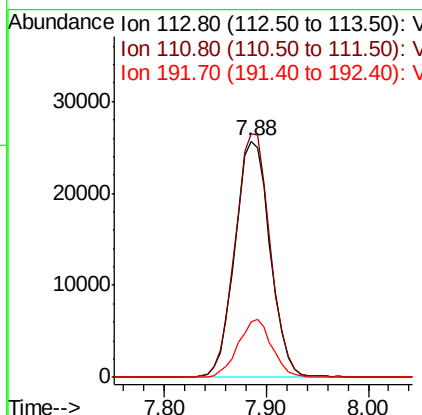
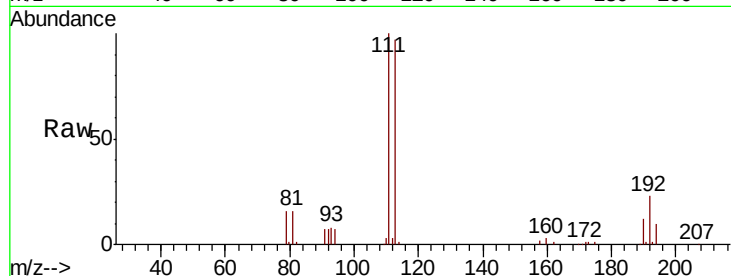




#35
 Dibromofluoromethane
 Concen: 50.970 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004342.D
 Acq: 30 Jul 2018 05:26

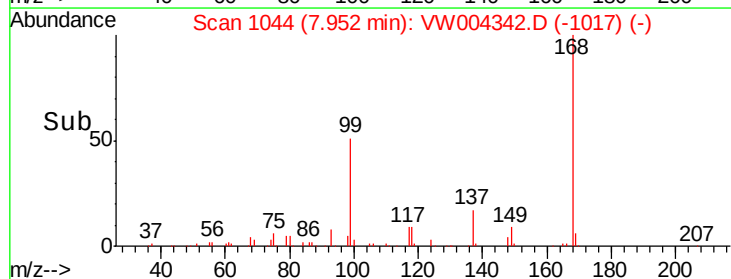
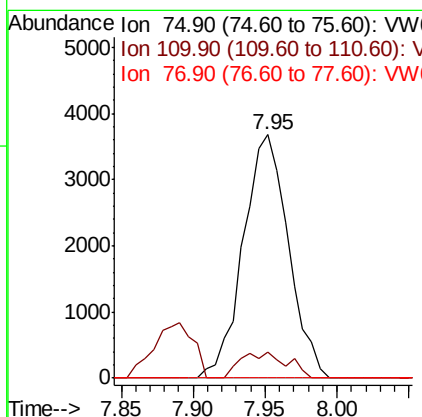
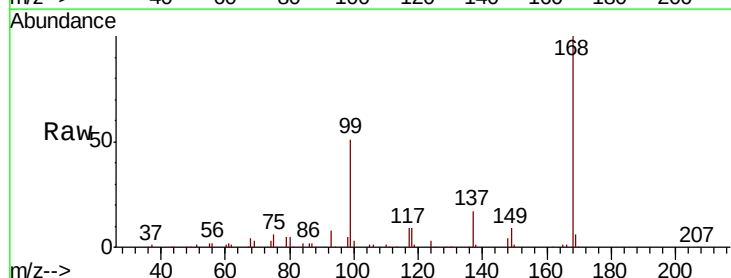
Instrument :
 MSVOA_W
 ClientSampleId :

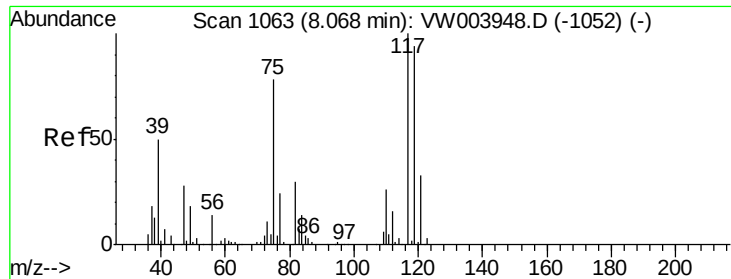
Tot Ion:113 Resp: 61397
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.1 123.1
 192 23.7 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 4.192 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004342.D
 Acq: 30 Jul 2018 05:26

Tgt Ion: 75 Resp: 7994
 Ion Ratio Lower Upper
 75 100
 110 10.9 17.3 52.0#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 6.089 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.11 min

Lab File: VW004342.D

Acq: 30 Jul 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

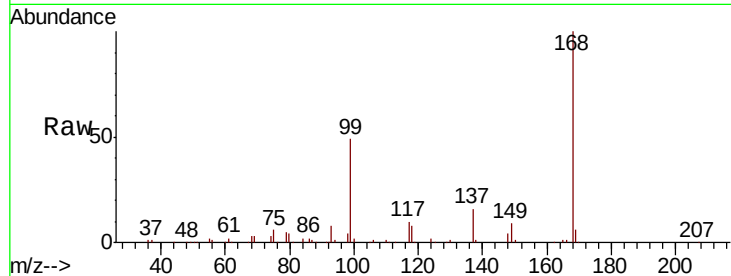
Tot Ion:117 Resp: 11464

Ion Ratio Lower Upper

117 100

119 4.1 79.7 119.5#

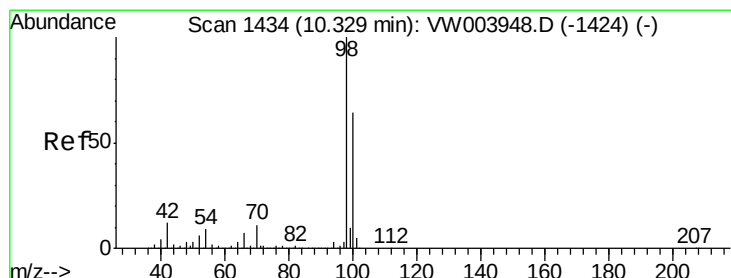
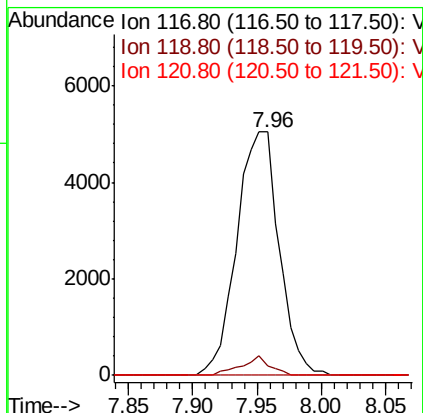
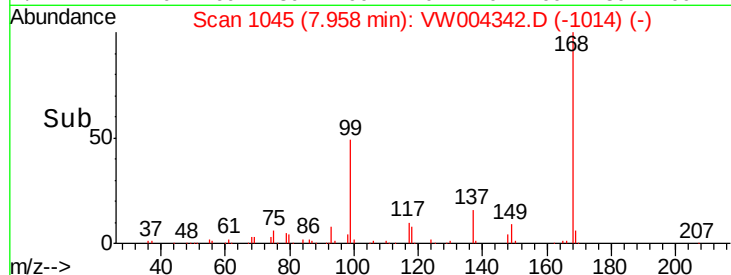
121 0.0 25.7 38.5#



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: 42.658 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004342.D

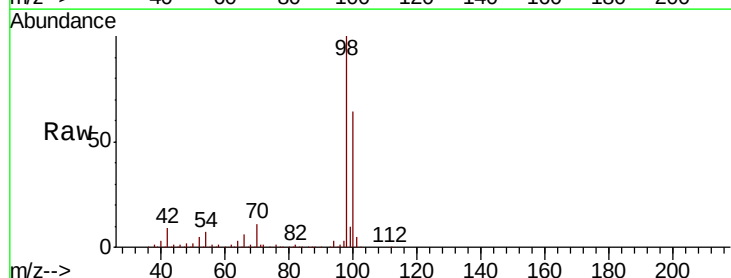
Acq: 30 Jul 2018 05:26

Tgt Ion: 98 Resp: 203076

Ion Ratio Lower Upper

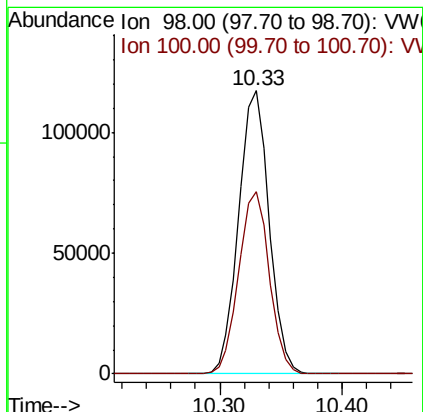
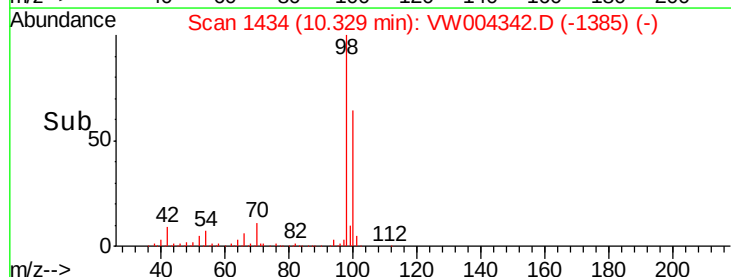
98 100

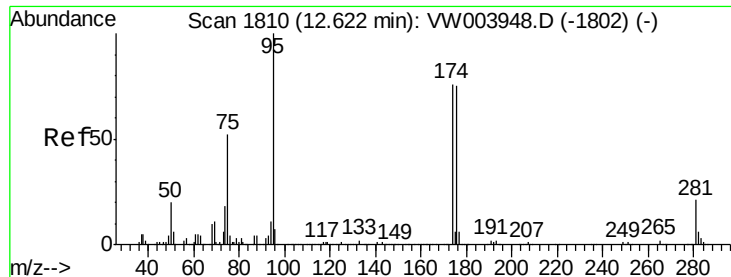
100 64.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

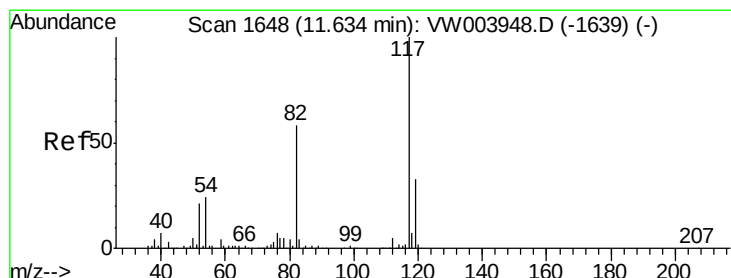
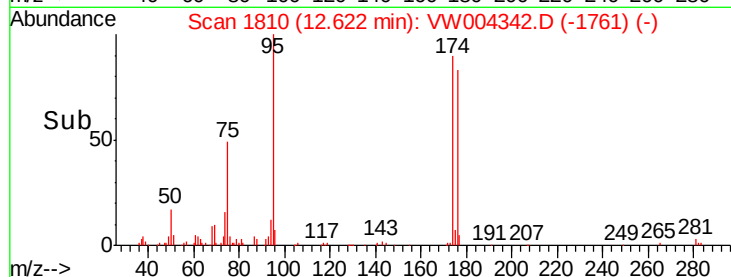
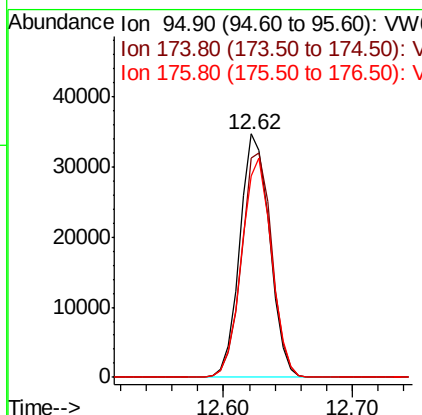
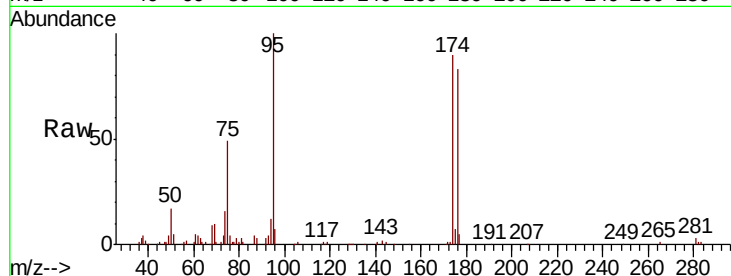




#62
4-Bromofluorobenzene
Concen: 33.057 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004342.D
Acq: 30 Jul 2018 05:26

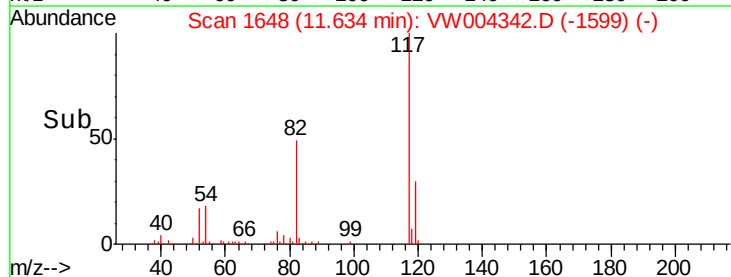
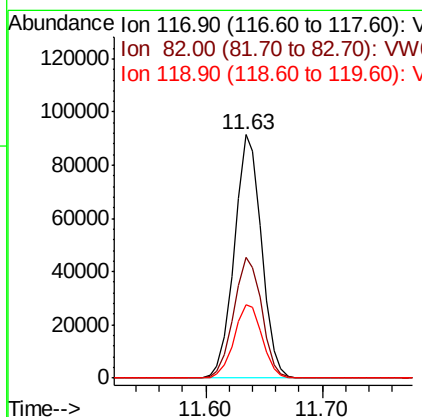
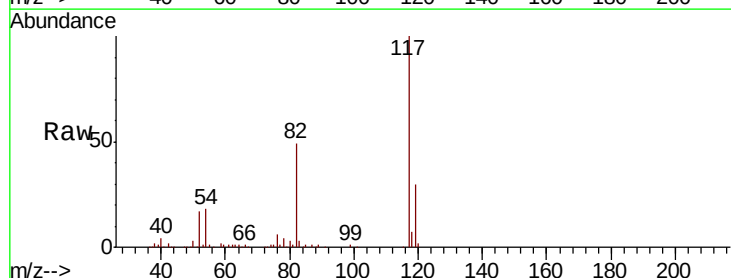
Instrument :
MSVOA_W
ClientSampleId :

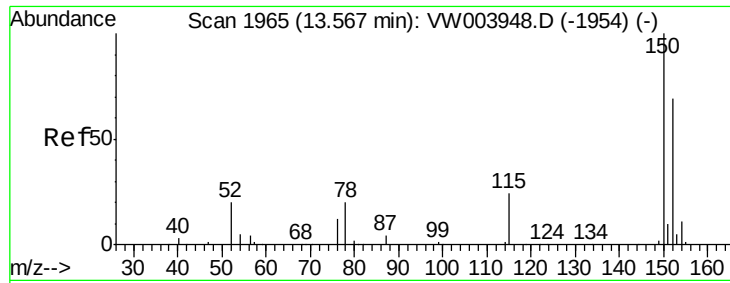
Tot Ion: 95 Resp: 55409
Ion Ratio Lower Upper
95 100
174 93.4 0.0 167.8
176 90.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004342.D
Acq: 30 Jul 2018 05:26

Tgt Ion: 117 Resp: 148519
Ion Ratio Lower Upper
117 100
82 49.4 47.9 71.9
119 30.3 27.1 40.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004342.D

Acq: 30 Jul 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

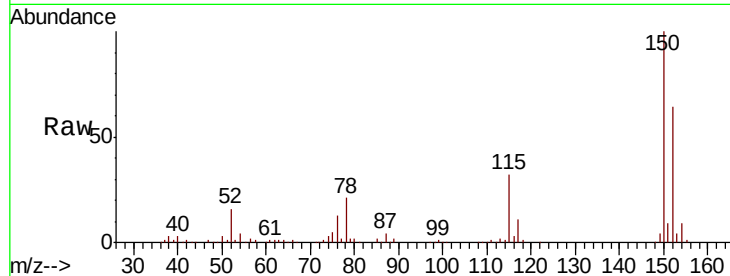
Tot Ion:152 Resp: 53565

Ion Ratio Lower Upper

152 100

115 54.8 28.8 86.4

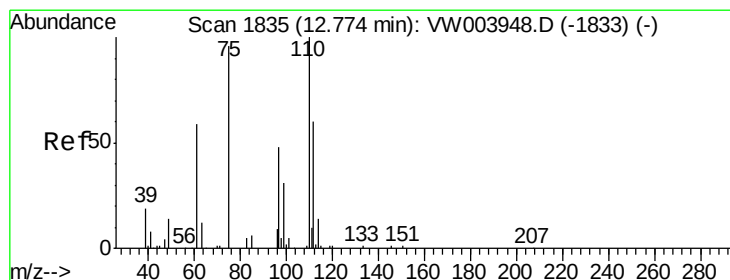
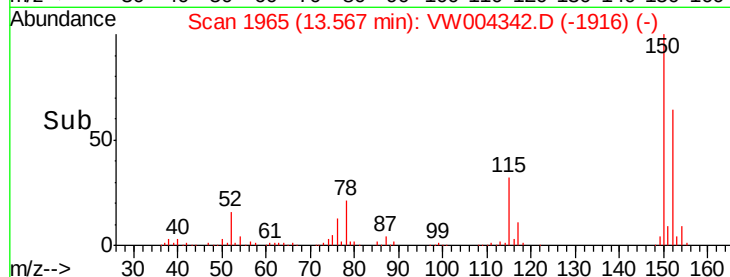
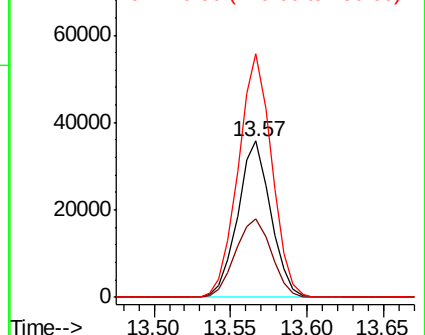
150 157.8 0.0 346.4



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



#76

1,2,3-Trichloropropane

Concen: 56.740 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004342.D

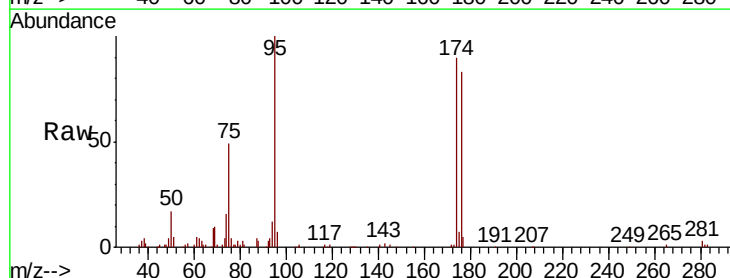
Acq: 30 Jul 2018 05:26

Tgt Ion: 75 Resp: 27738

Ion Ratio Lower Upper

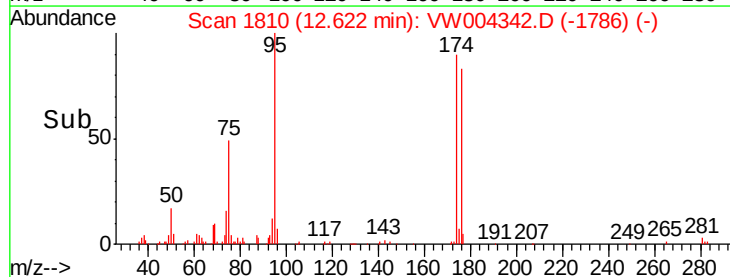
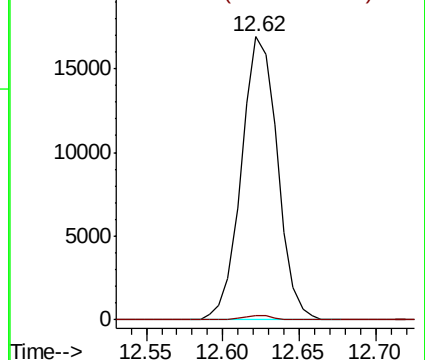
75 100

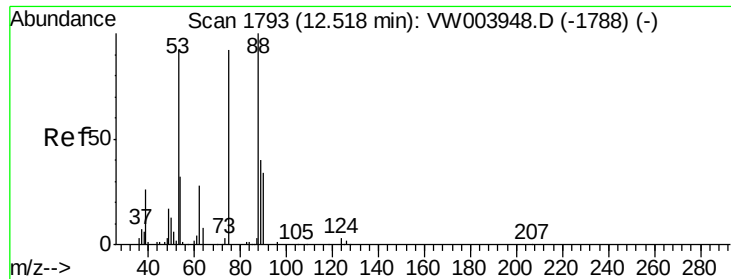
77 1.2 0.0 0.0#



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: 132.027 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004342.D

Acq: 30 Jul 2018 05:26

Instrument :

MSVOA_W

ClientSampleId :

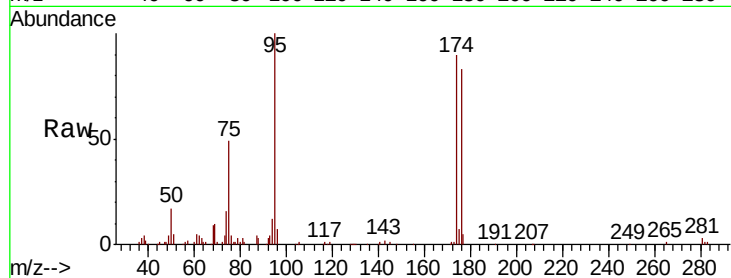
Tot Ion: 75 Resp: 27738

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 36.0 54.0#



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

