

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006675.D
 Acq On : 06 Nov 2018 09:48
 Operator : SY/AP
 Sample : J5803-07
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 06 10:14:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	191237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	295935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	253517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	115360	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	83760	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	7.89	113	79034	42.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.10%	
50) Toluene-d8	10.33	98	248184	35.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.20%	
62) 4-Bromofluorobenzene	12.62	95	84301	32.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.78%	

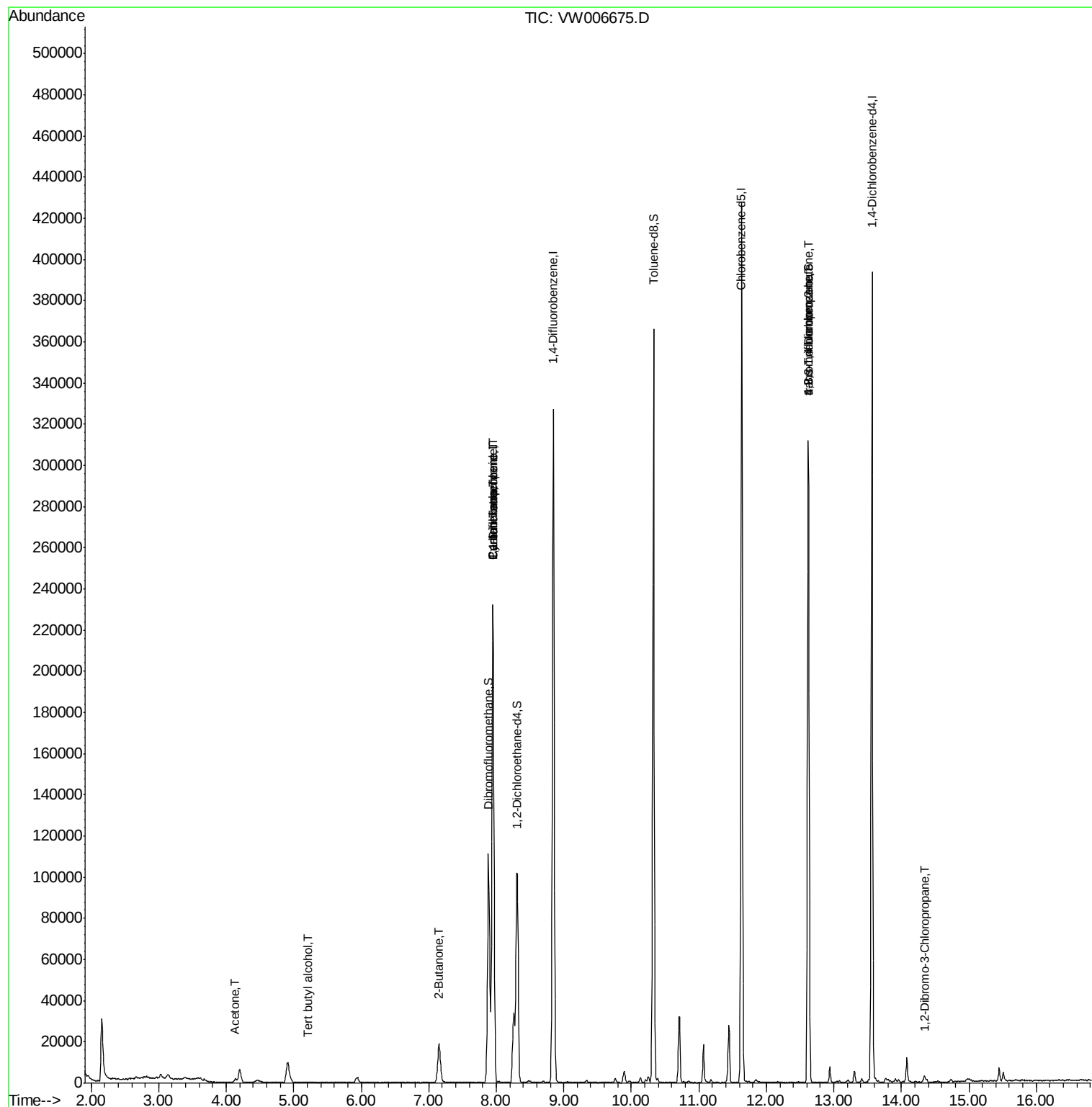
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	541	6.108	ug/l #	84
16) Acetone	4.14	43	3490	13.150	ug/l	100
20) Methylene Chloride	4.92	84	8362	Below Cal		98
25) 2-Butanone	7.16	43	627	1.656	ug/l #	46
31) Cyclohexane	7.95	56	3352	1.280	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	12020	4.619	ug/l #	48
38) Carbon Tetrachloride	7.95	117	16969	6.240	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	41752	46.387	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	41752	116.398	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.35	75	271	1.391	ug/l #	1

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

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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 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: VW006675.D

Acq: 06 Nov 2018 09:48

Instrument :

MSVOA_W

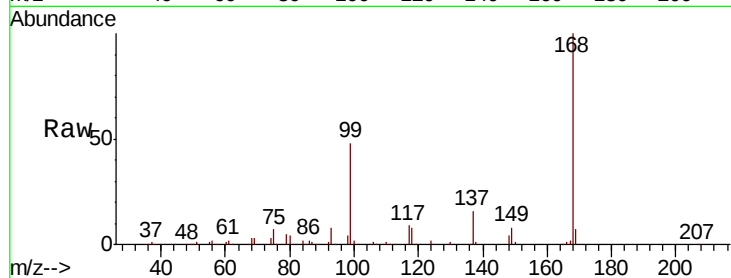
ClientSampleId :

Tot Ion:168 Resp: 191237

Ion Ratio Lower Upper

168 100

99 48.0 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

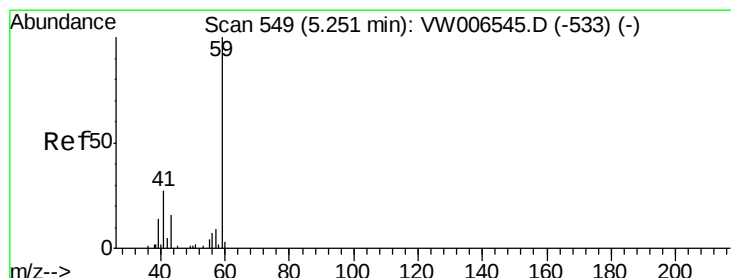
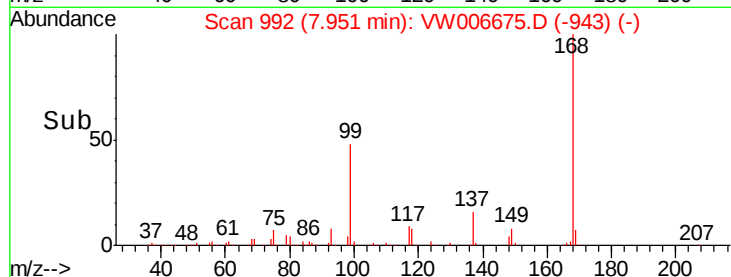
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 6.108 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.04 min

Lab File: VW006675.D

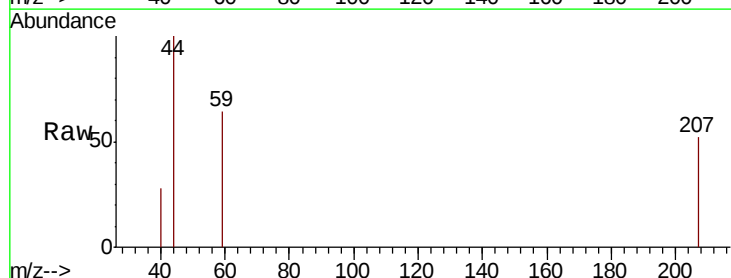
Acq: 06 Nov 2018 09:48

Tgt Ion: 59 Resp: 541

Ion Ratio Lower Upper

59 100

57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

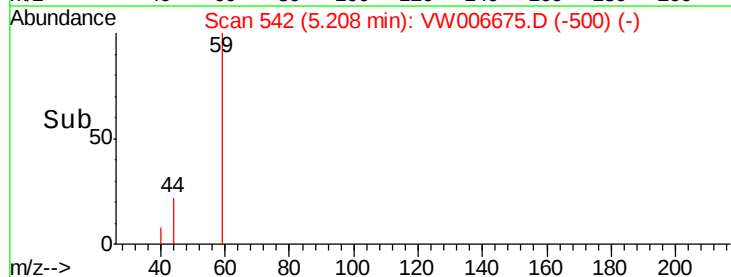
150

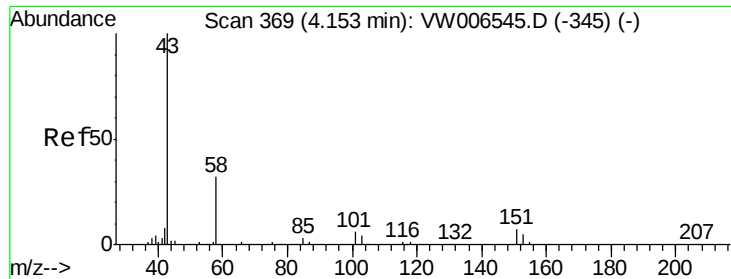
100

50

0

Time-->





#16

Acetone

Concen: 13.150 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW006675.D

Acq: 06 Nov 2018 09:48

Instrument :

MSVOA_W

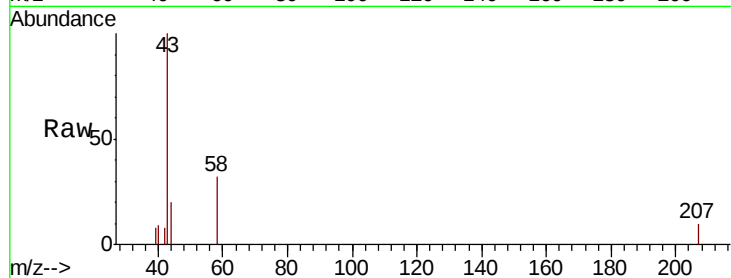
ClientSampled :

Tot Ion: 43 Resp: 3490

Ion Ratio Lower Upper

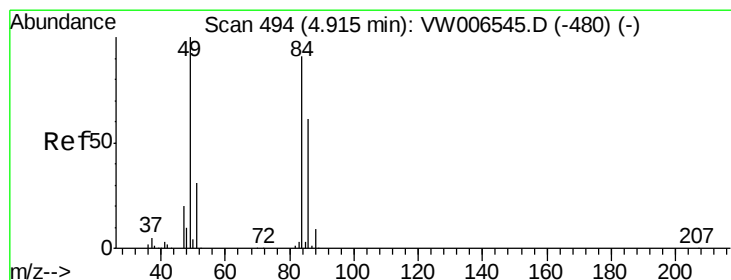
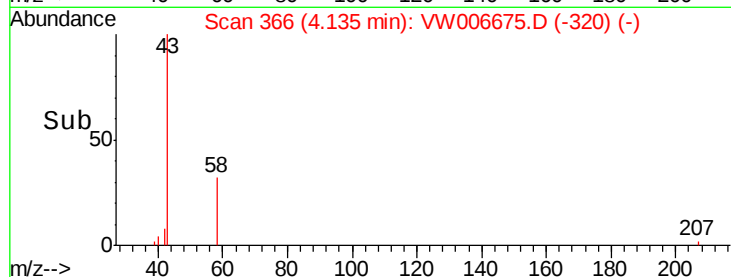
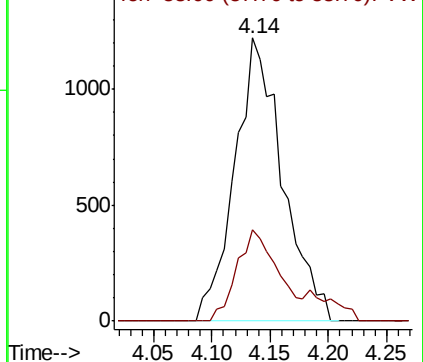
43 100

58 32.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006675.D

Acq: 06 Nov 2018 09:48

Tgt Ion: 84 Resp: 8362

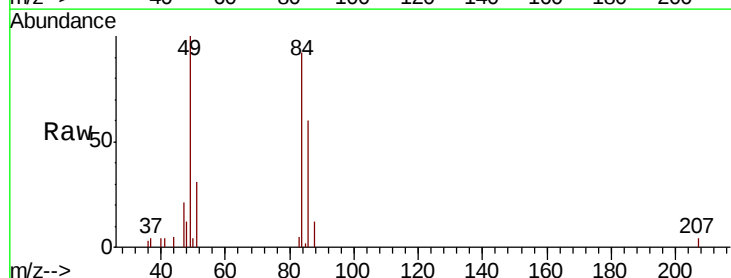
Ion Ratio Lower Upper

84 100

49 108.6 88.2 132.4

51 34.0 27.0 40.6

86 65.0 53.8 80.8

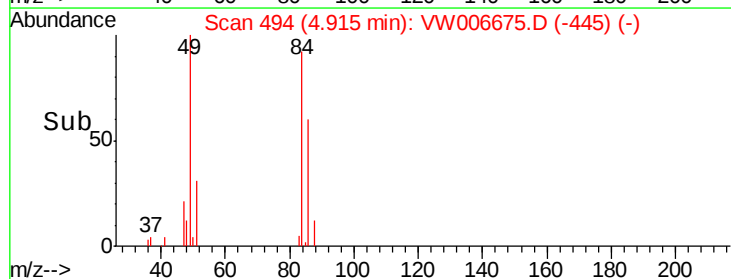
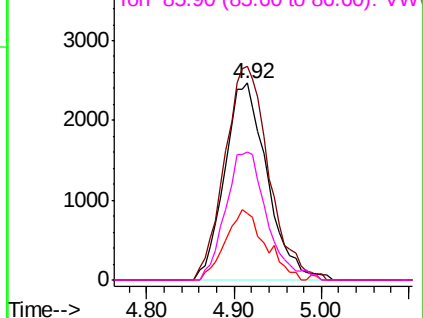


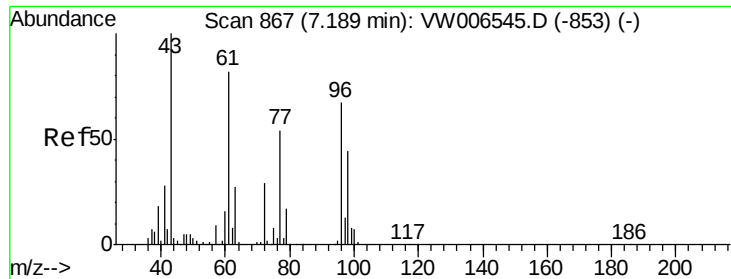
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 1.656 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.03 min

Lab File: VW006675.D

Acq: 06 Nov 2018 09:48

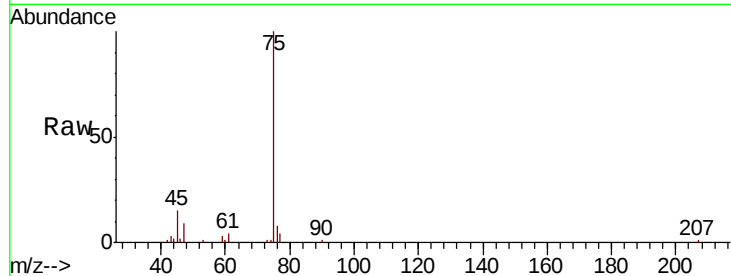
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 627

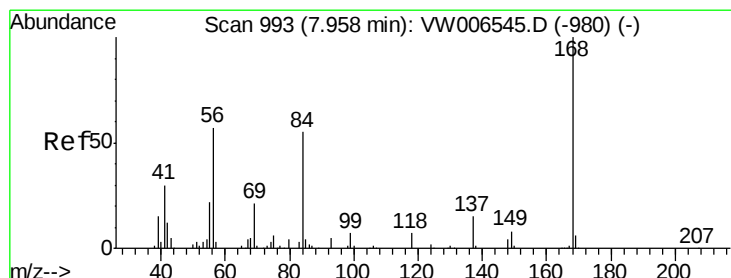
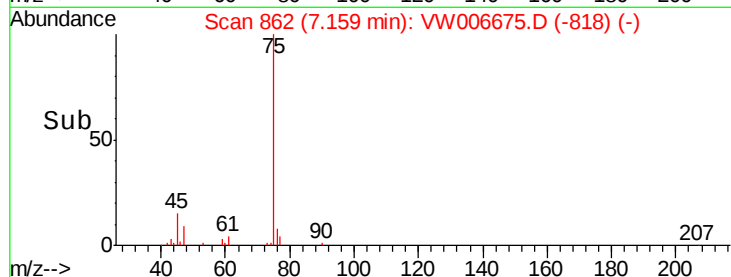
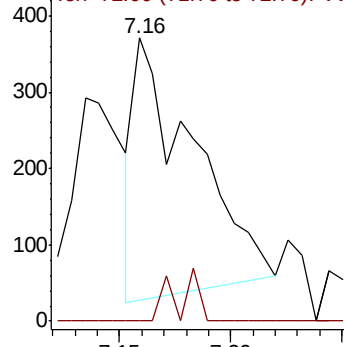
Ion Ratio Lower Upper

43 100

72 0.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.280 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006675.D

Acq: 06 Nov 2018 09:48

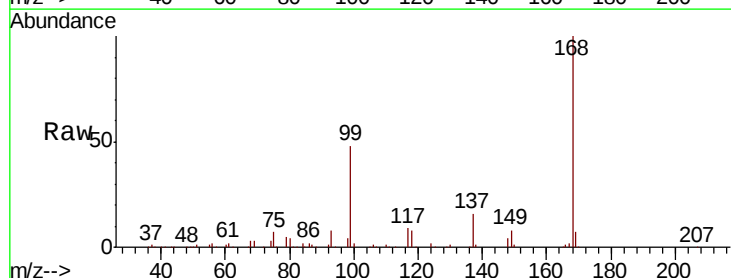
Tgt Ion: 56 Resp: 3352

Ion Ratio Lower Upper

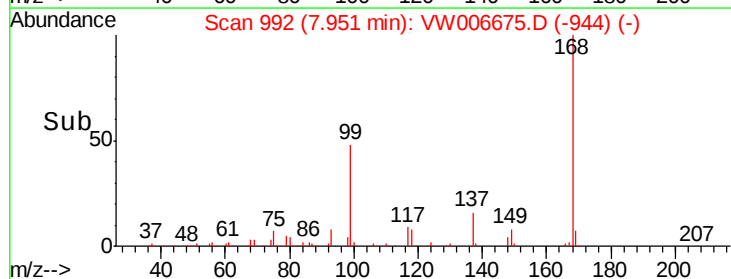
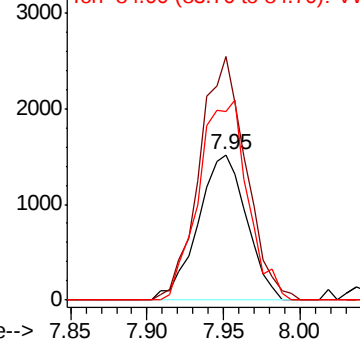
56 100

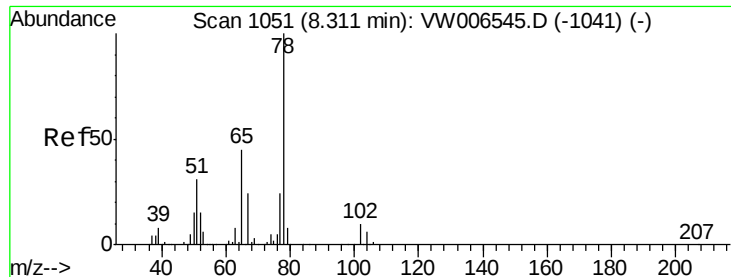
69 167.7 29.0 43.4#

84 136.7 77.8 116.6#



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

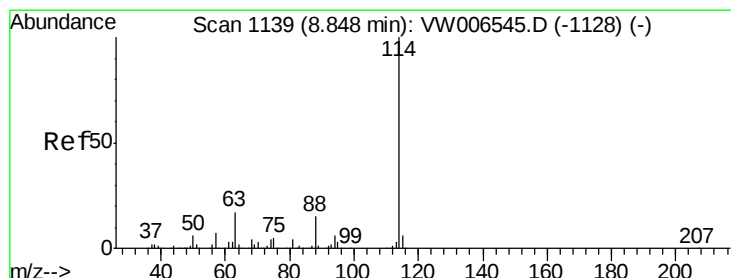
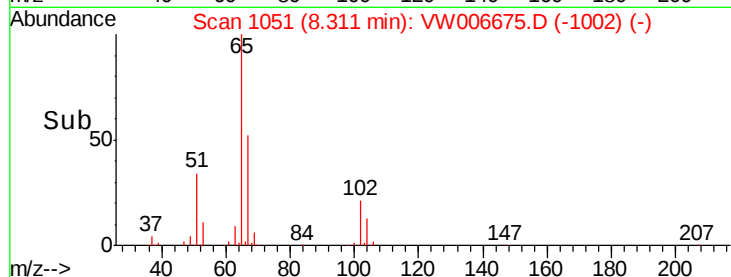
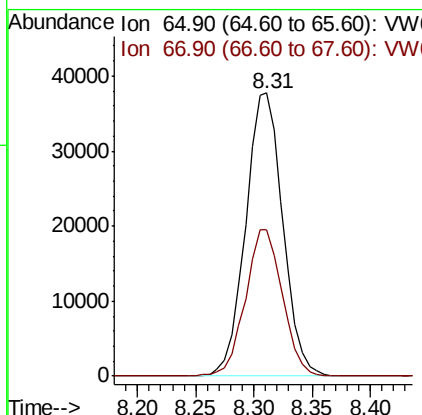
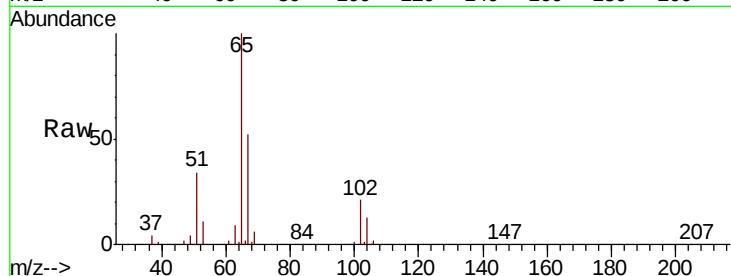




#33
 1,2-Dichloroethane-d4
 Concen: 50.953 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006675.D
 Acq: 06 Nov 2018 09:48

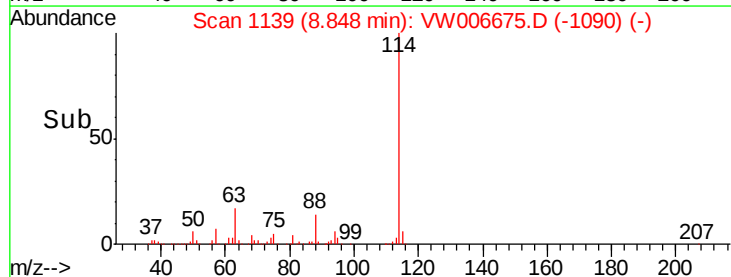
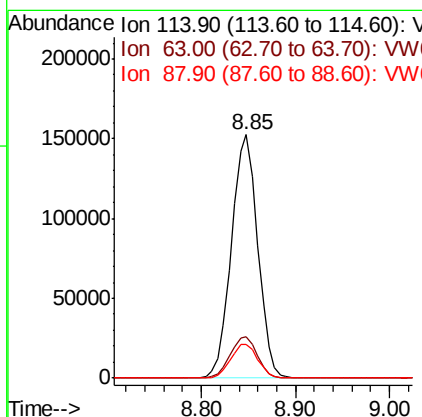
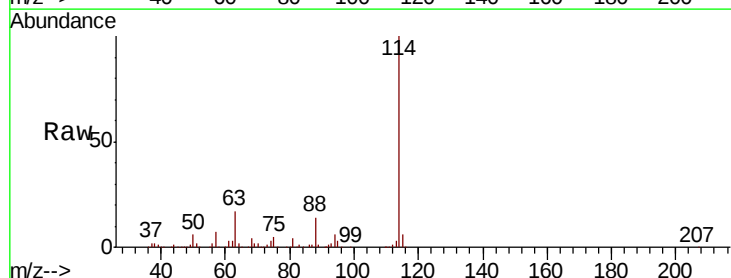
Instrument :
 MSVOA_W
 ClientSampleId :

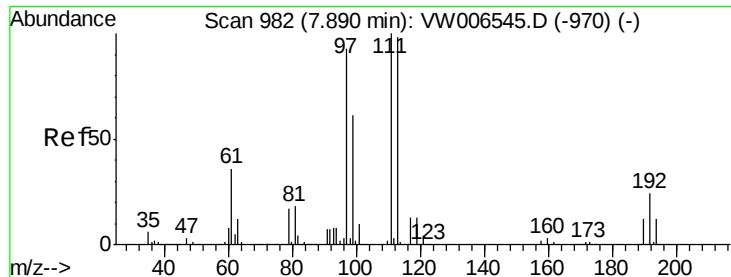
Tot Ion: 65 Resp: 83760
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006675.D
 Acq: 06 Nov 2018 09:48

Tgt Ion: 114 Resp: 295935
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 34.4
 88 13.9 0.0 29.0

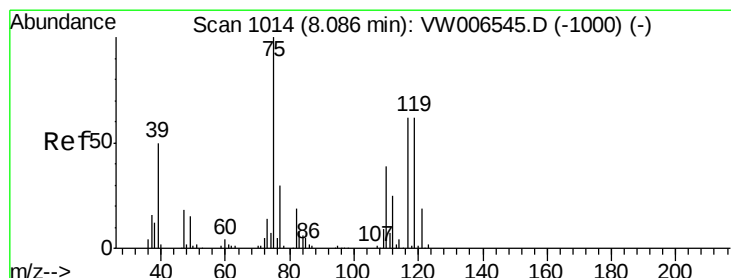
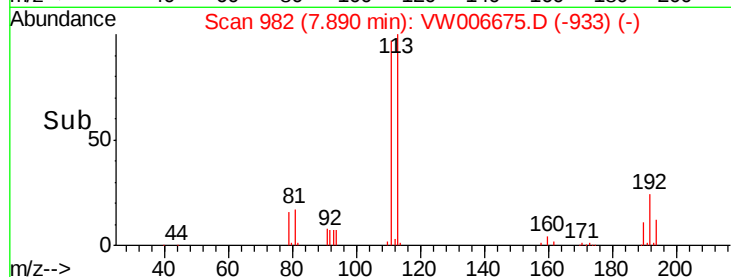
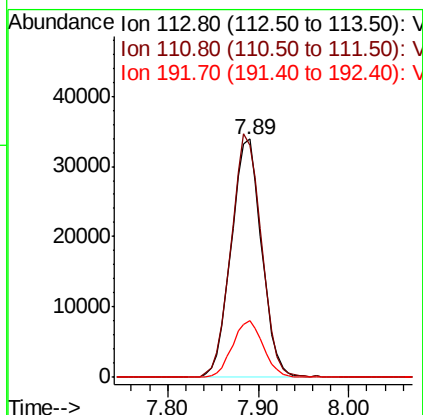
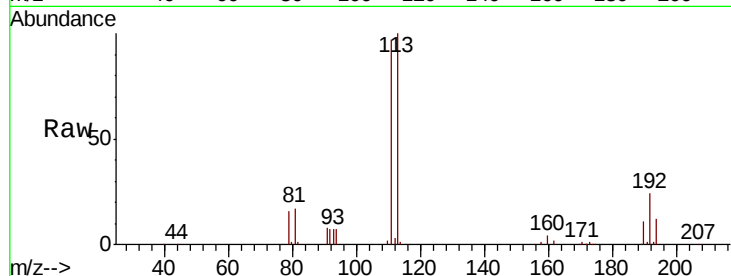




#35
 Dibromofluoromethane
 Concen: 42.555 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006675.D
 Acq: 06 Nov 2018 09:48

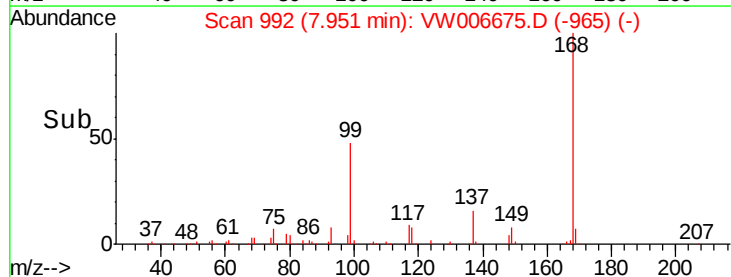
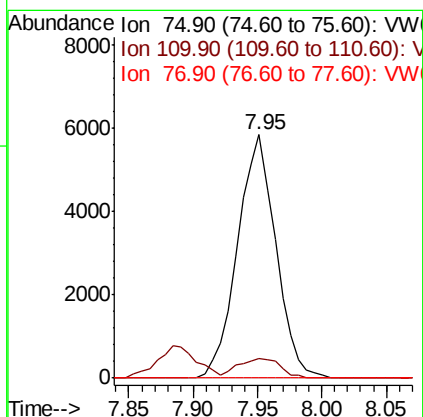
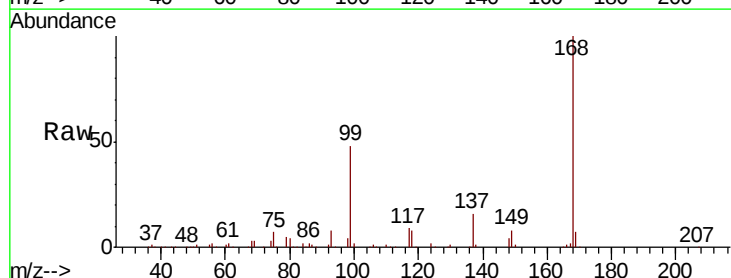
Instrument :
 MSVOA_W
 ClientSampleId :

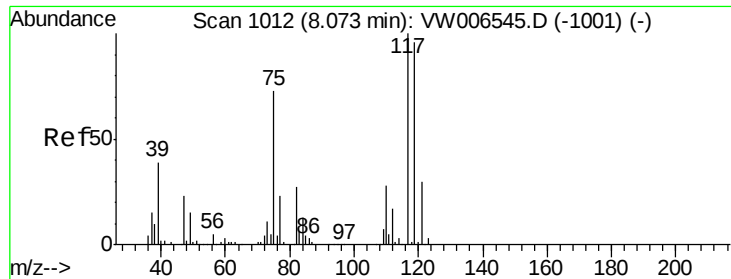
Tot Ion:113 Resp: 79034
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 23.8 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.619 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006675.D
 Acq: 06 Nov 2018 09:48

Tgt Ion: 75 Resp: 12020
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.5 58.5#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.240 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006675.D

Acq: 06 Nov 2018 09:48

Instrument :

MSVOA_W

ClientSampled :

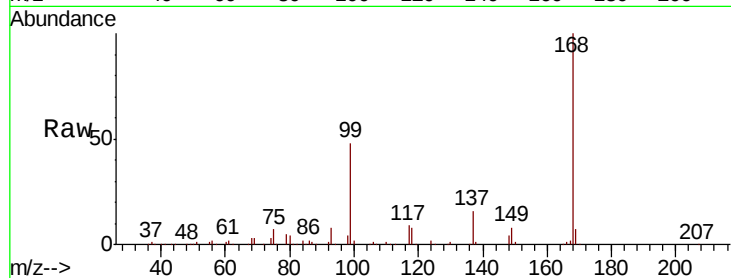
Tot Ion:117 Resp: 16969

Ion Ratio Lower Upper

117 100

119 4.9 76.3 114.5#

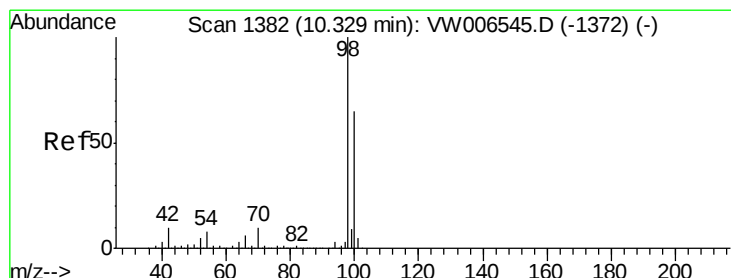
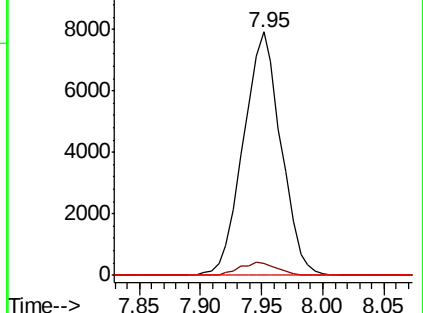
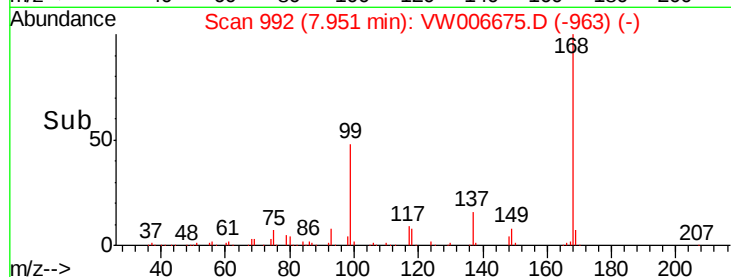
121 0.0 24.1 36.1#



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: 35.103 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006675.D

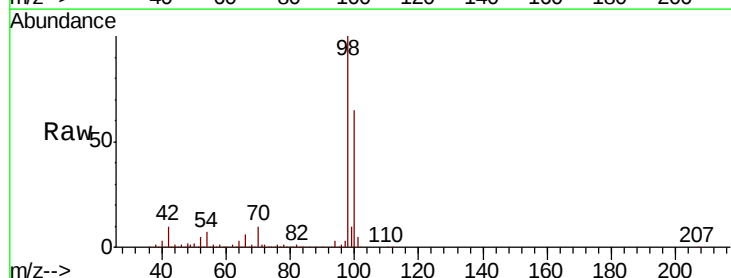
Acq: 06 Nov 2018 09:48

Tgt Ion: 98 Resp: 248184

Ion Ratio Lower Upper

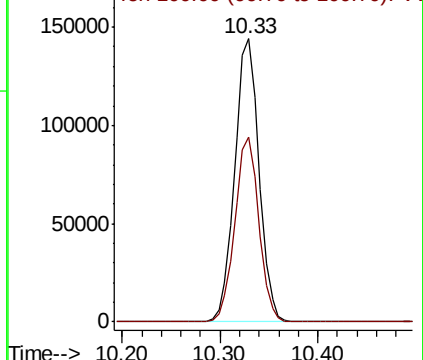
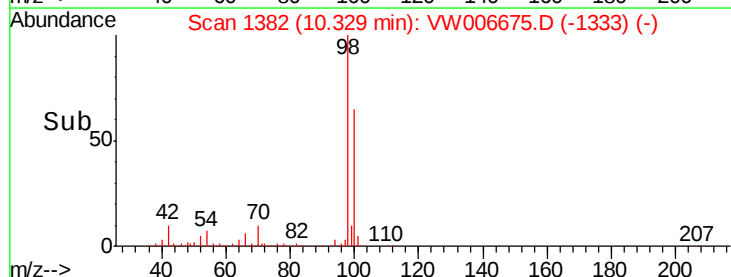
98 100

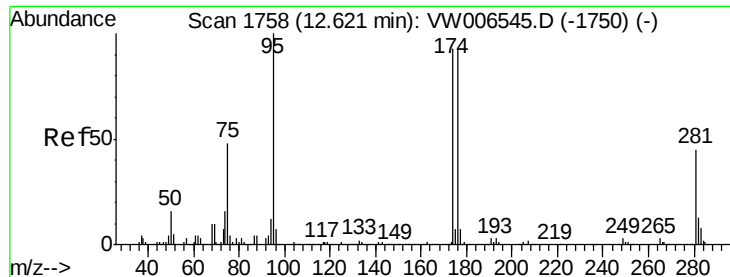
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

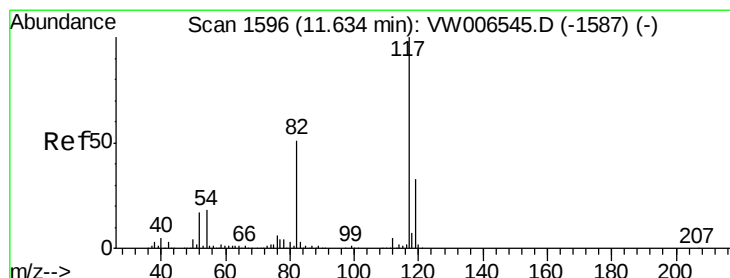
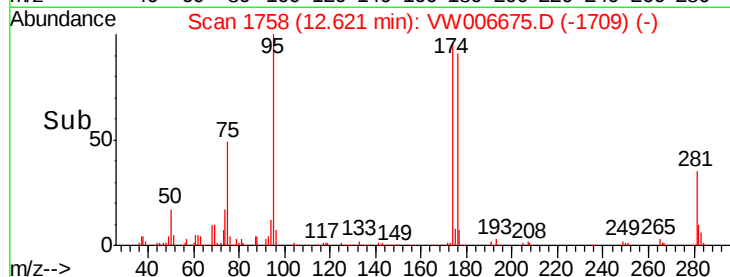
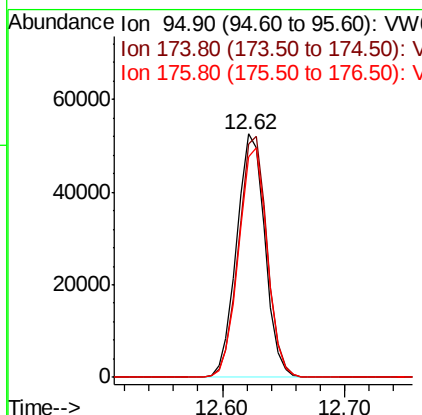
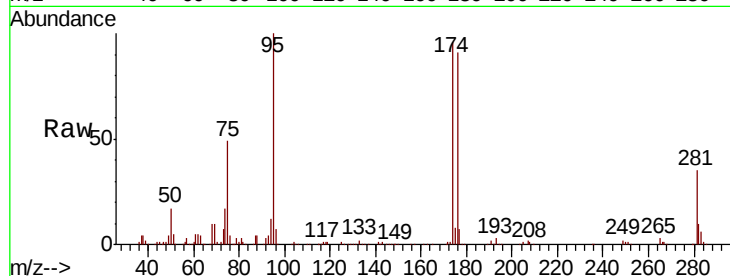




#62
4-Bromofluorobenzene
Concen: 32.889 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006675.D
Acq: 06 Nov 2018 09:48

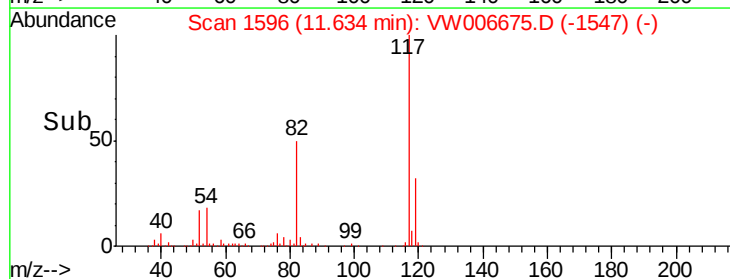
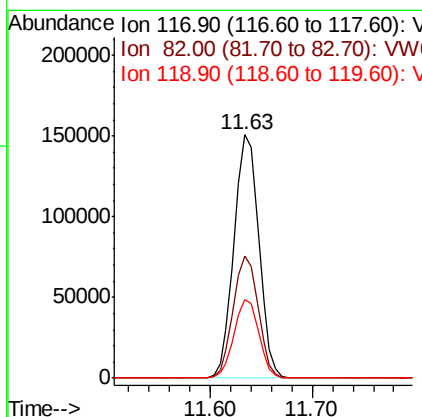
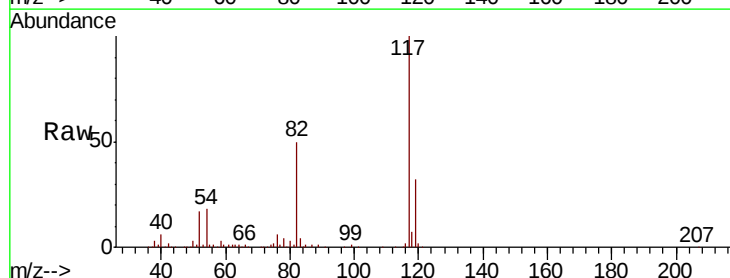
Instrument :
MSVOA_W
ClientSampleId :

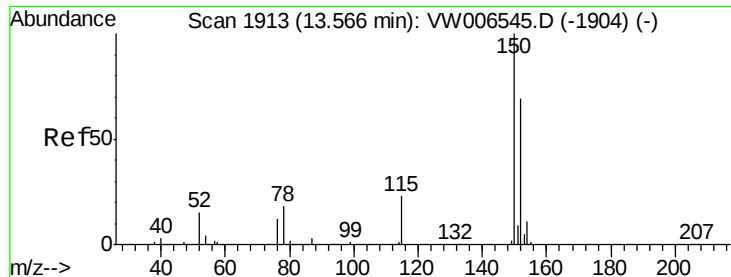
Tot Ion: 95 Resp: 84301
Ion Ratio Lower Upper
95 100
174 99.1 0.0 192.4
176 94.9 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006675.D
Acq: 06 Nov 2018 09:48

Tgt Ion: 117 Resp: 253517
Ion Ratio Lower Upper
117 100
82 50.2 40.8 61.2
119 32.3 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006675.D

Acq: 06 Nov 2018 09:48

Instrument :

MSVOA_W

ClientSampled :

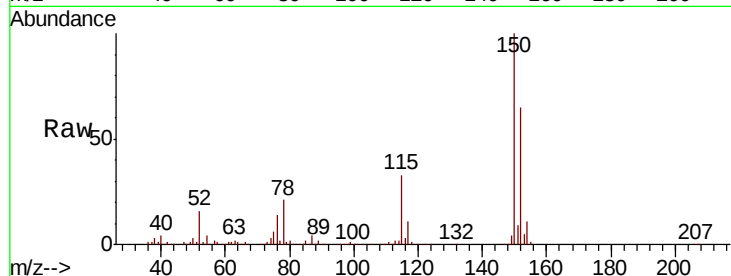
Tot Ion:152 Resp: 115360

Ion Ratio Lower Upper

152 100

115 52.5 26.6 79.8

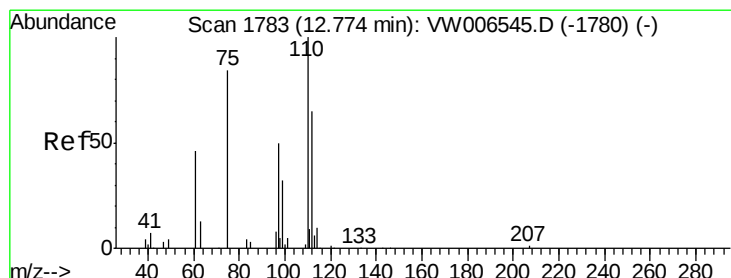
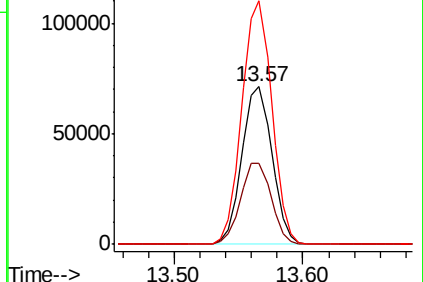
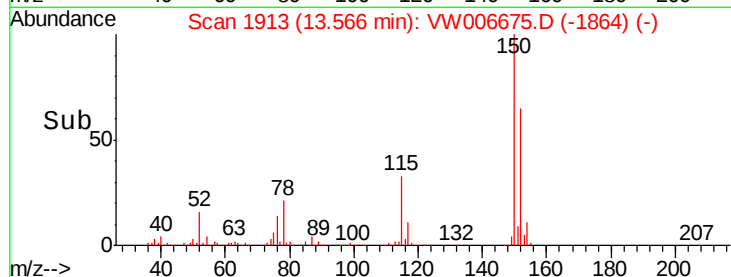
150 153.5 0.0 344.6



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: 46.387 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006675.D

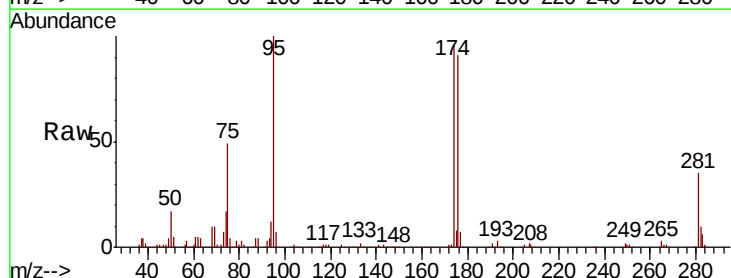
Acq: 06 Nov 2018 09:48

Tgt Ion: 75 Resp: 41752

Ion Ratio Lower Upper

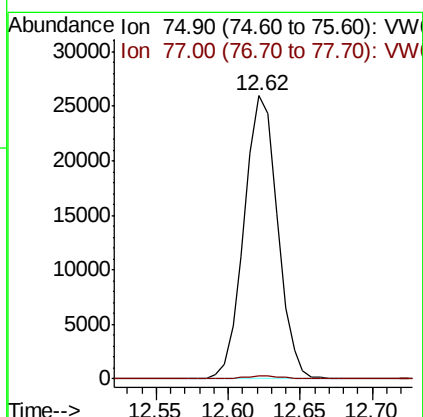
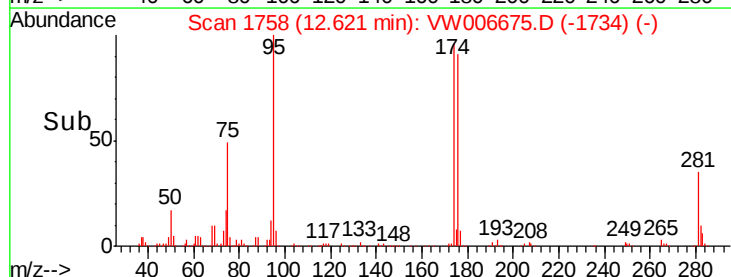
75 100

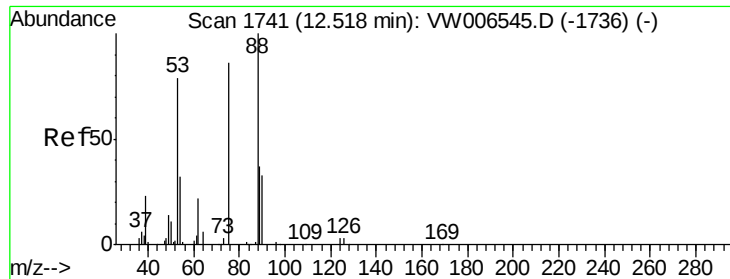
77 1.3 0.0 0.0#



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: 116.398 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006675.D

Acq: 06 Nov 2018 09:48

Instrument :

MSVOA_W

ClientSampleId :

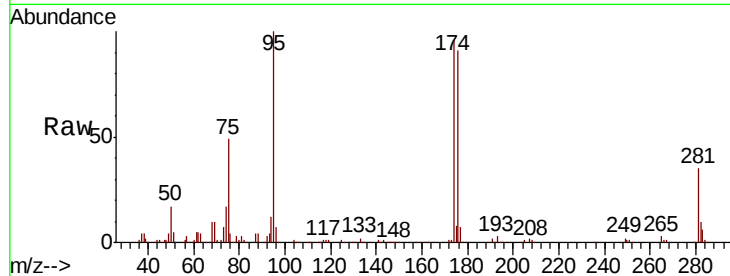
Tot Ion: 75 Resp: 41752

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

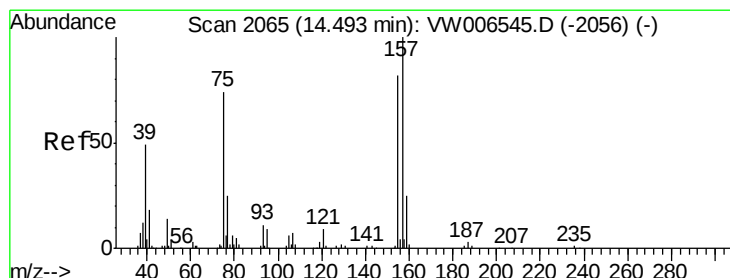
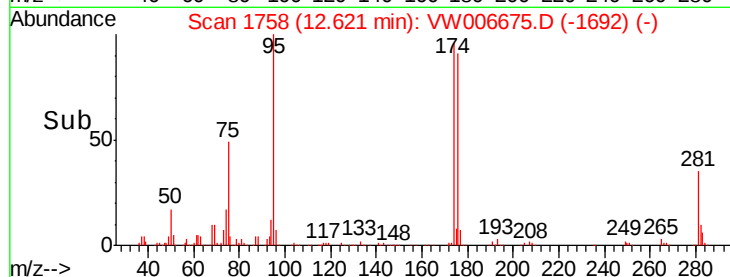
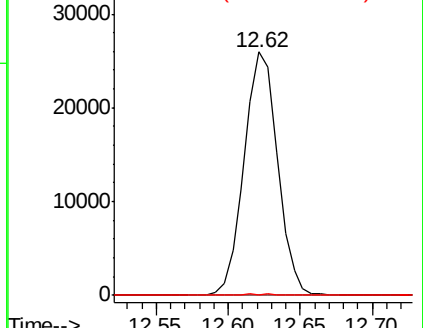
89 0.3 38.6 58.0#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.391 ug/l

RT: 14.35 min Scan# 2041

Delta R.T. -0.15 min

Lab File: VW006675.D

Acq: 06 Nov 2018 09:48

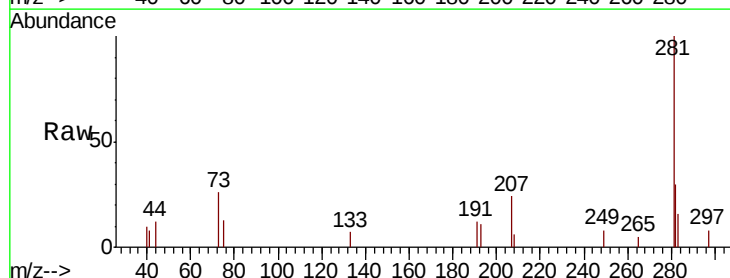
Tgt Ion: 75 Resp: 271

Ion Ratio Lower Upper

75 100

155 0.0 50.6 151.8#

157 0.0 65.0 195.0#



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

