

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110818\
 Data File : VW006766.D
 Acq On : 08 Nov 2018 15:23
 Operator : SY/AP
 Sample : J5813-10
 Misc : 6.02G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-J

Quant Time: Nov 09 11:14:02 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	248040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	365509	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	133414	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	90602	42.49	ug/l	0.00
Spiked Amount			Recovery	=	84.98%	
35) Dibromofluoromethane	7.88	113	86105	37.54	ug/l	0.00
Spiked Amount			Recovery	=	75.08%	
50) Toluene-d8	10.33	98	267135	30.59	ug/l	0.00
Spiked Amount			Recovery	=	61.18%	
62) 4-Bromofluorobenzene	12.62	95	84392	26.66	ug/l	0.00
Spiked Amount			Recovery	=	53.32%	

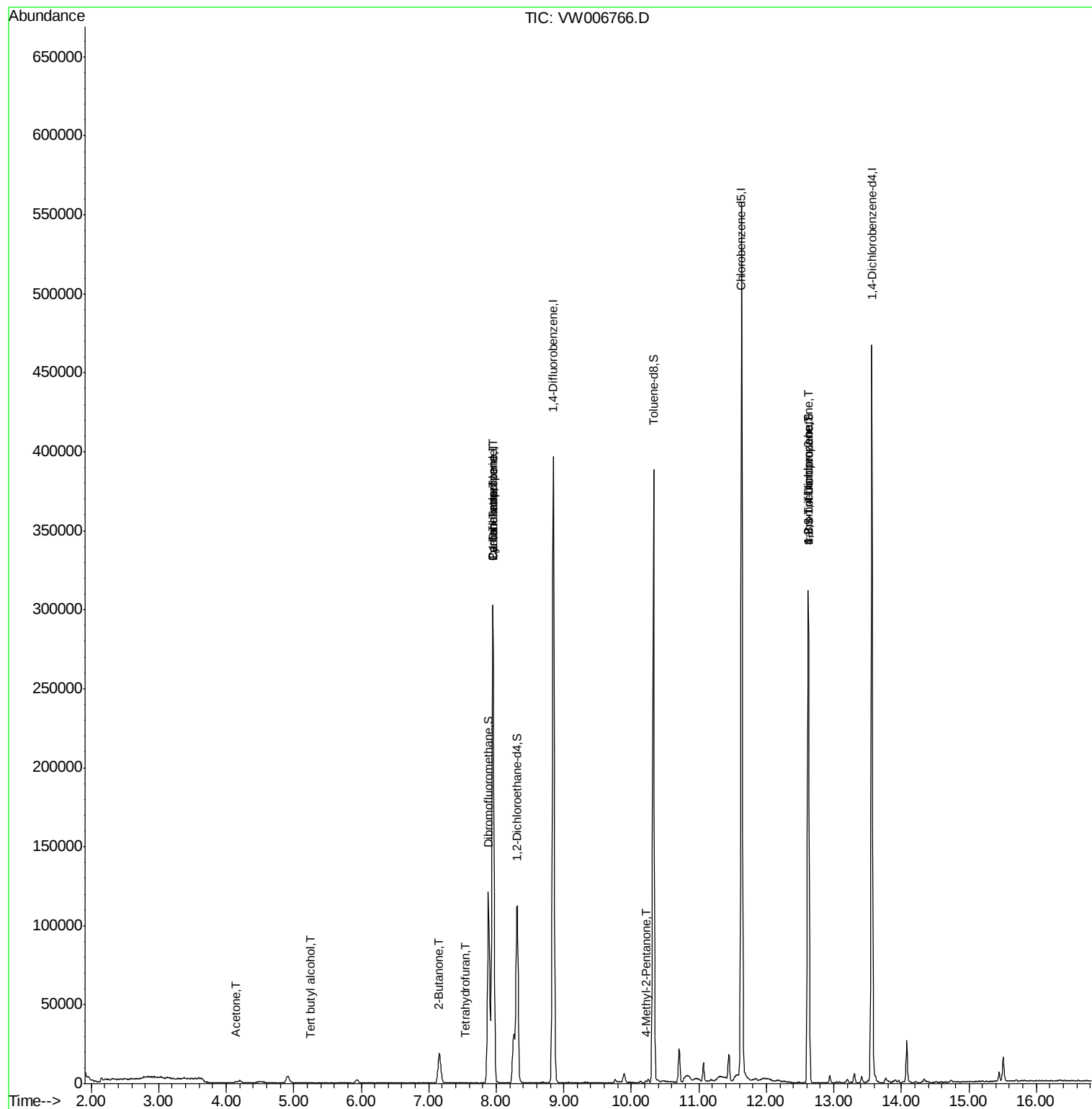
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.25	59	151	1.314	ug/l #	84
16) Acetone	4.14	43	2208	6.414	ug/l	98
20) Methylene Chloride	4.90	84	1947	Below Cal	#	90
25) 2-Butanone	7.15	43	893	1.818	ug/l #	46
29) Tetrahydrofuran	7.55	42	347	1.123	ug/l #	35
31) Cyclohexane	7.95	56	4279	1.260	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15582	4.848	ug/l #	48
38) Carbon Tetrachloride	7.95	117	21740	6.473	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	1145	1.003	ug/l #	82
76) 1,2,3-Trichloropropane	12.62	75	41772	40.129	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	41772	101.054	ug/l #	11

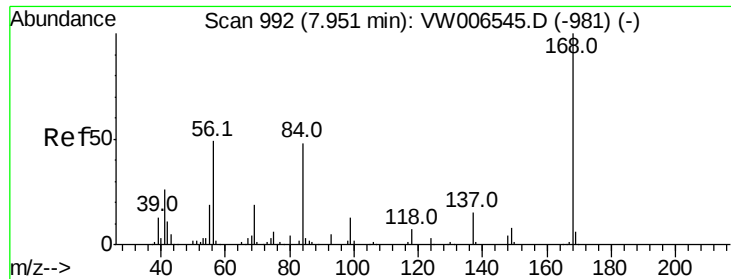
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110818\
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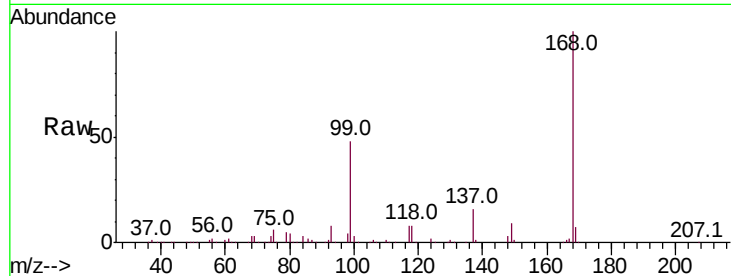


#1

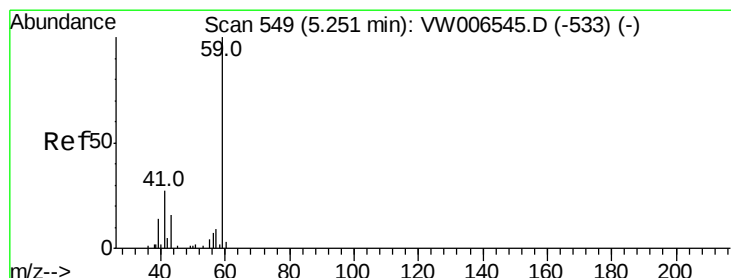
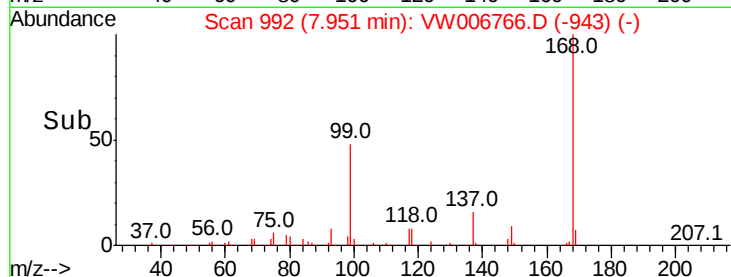
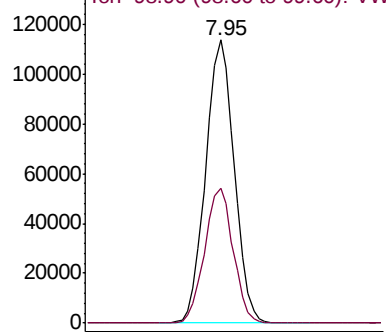
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW006766.D
 Acq: 08 Nov 2018 15:23

Instrument :
 MSVOA_W
 ClientSampled :
 TS-J

Tot Ion:168 Resp: 248040
 Ion Ratio Lower Upper
 168 100
 99 47.7 37.4 56.0



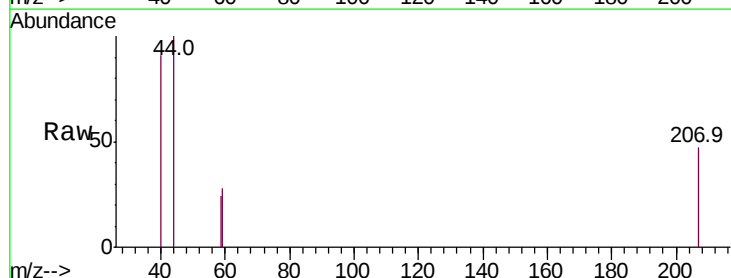
Abundance Ion 167.90 (167.60 to 168.60): V



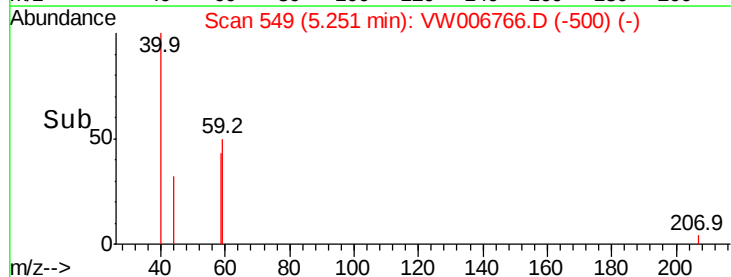
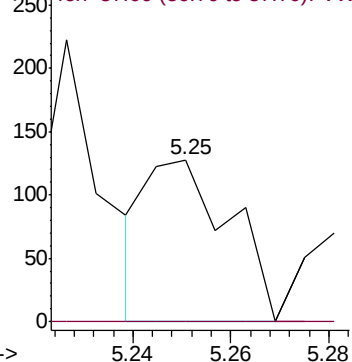
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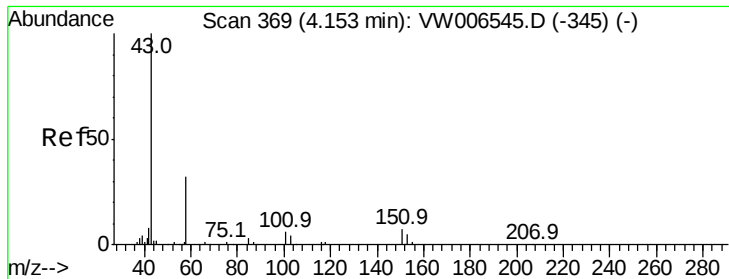
Tert butyl alcohol
 Concen: 1.314 ug/l
 RT: 5.25 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: VW006766.D
 Acq: 08 Nov 2018 15:23

Tgt Ion: 59 Resp: 151
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.3 6.5#



Abundance Ion 59.00 (58.70 to 59.70): VW





#16

Acetone

Concen: 6.414 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006766.D

Acq: 08 Nov 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

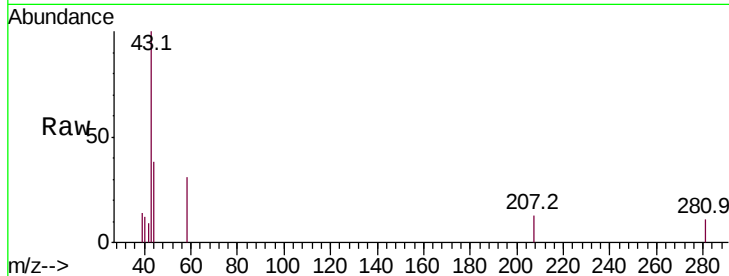
TS-J

Tot Ion: 43 Resp: 2208

Ion Ratio Lower Upper

43 100

58 31.4 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

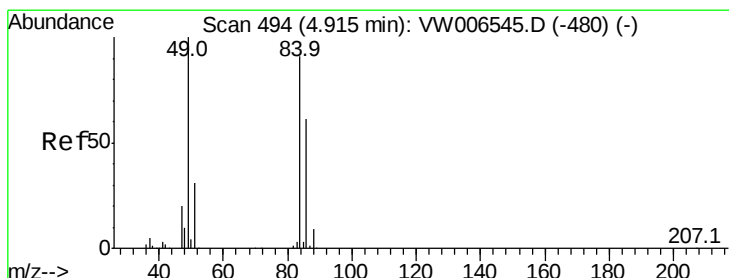
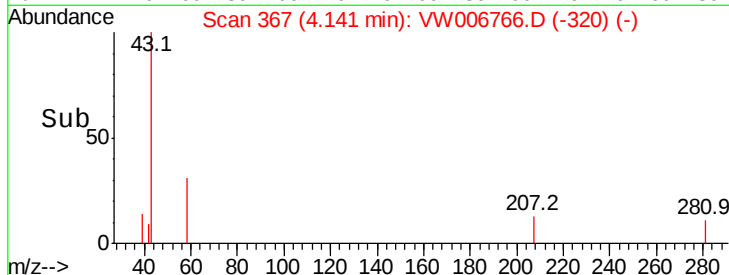
600

400

200

0

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW006766.D

Acq: 08 Nov 2018 15:23

Tgt Ion: 84 Resp: 1947

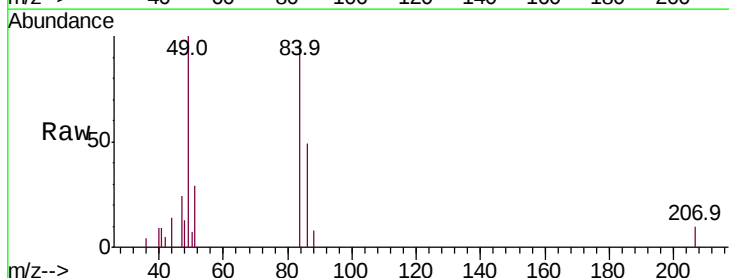
Ion Ratio Lower Upper

84 100

49 104.3 88.2 132.4

51 30.2 27.0 40.6

86 51.3 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

2000

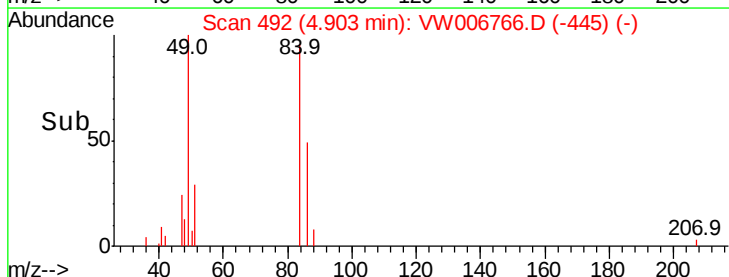
1500

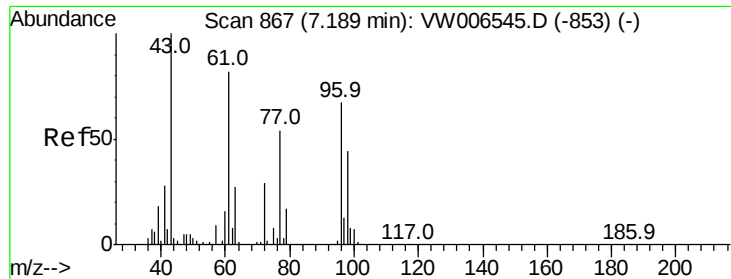
1000

500

0

Time-->





#25

2-Butanone

Concen: 1.818 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW006766.D

Acq: 08 Nov 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

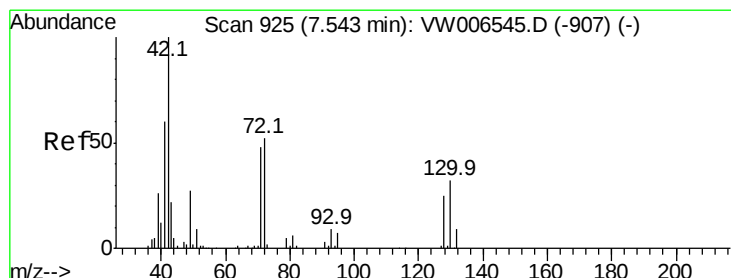
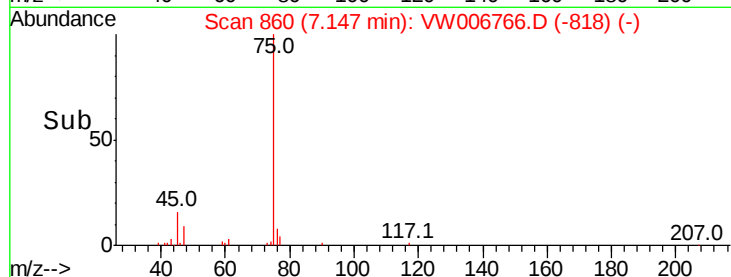
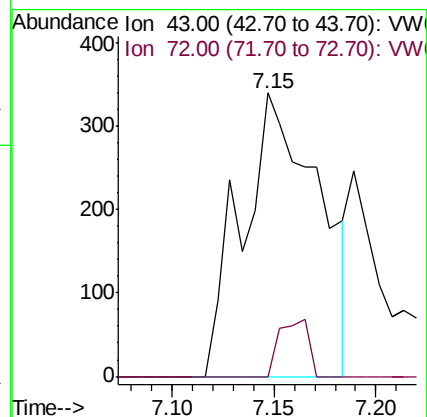
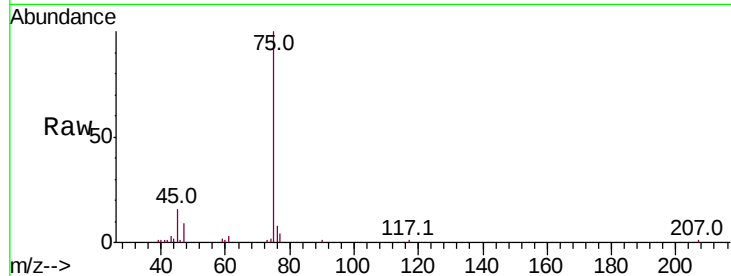
TS-J

Tot Ion: 43 Resp: 893

Ion Ratio Lower Upper

43 100

72 0.0 23.2 34.8#



#29

Tetrahydrofuran

Concen: 1.123 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006766.D

Acq: 08 Nov 2018 15:23

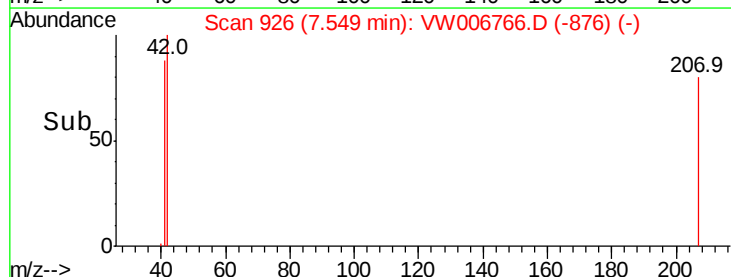
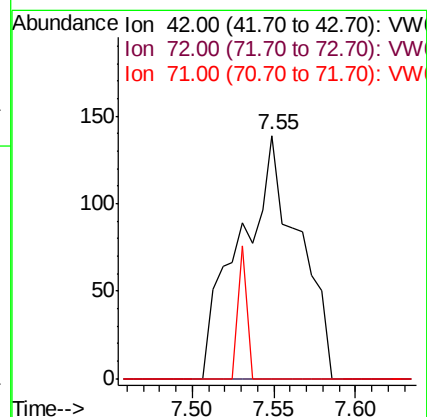
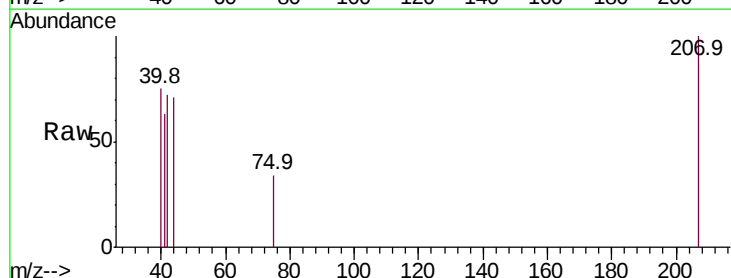
Tgt Ion: 42 Resp: 347

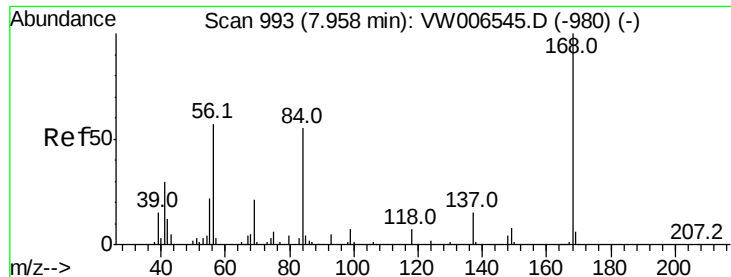
Ion Ratio Lower Upper

42 100

72 0.0 39.2 58.8#

71 8.1 37.6 56.4#

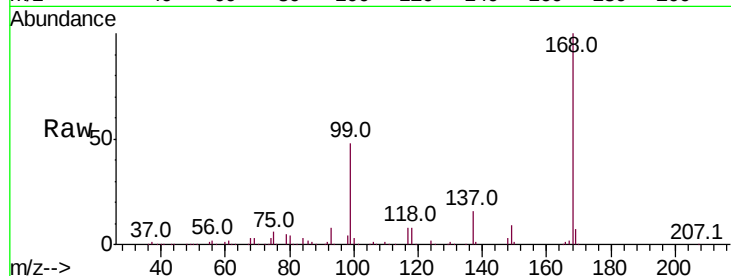




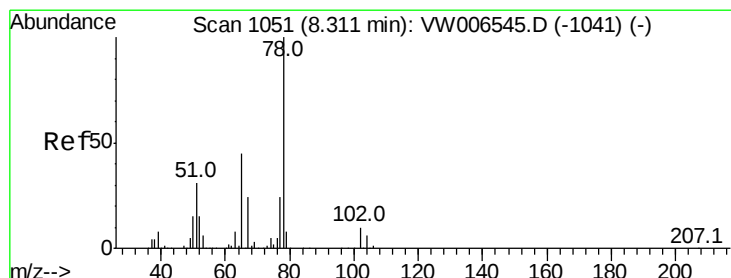
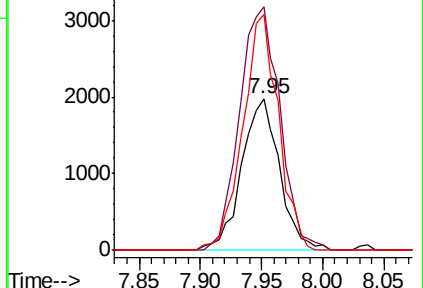
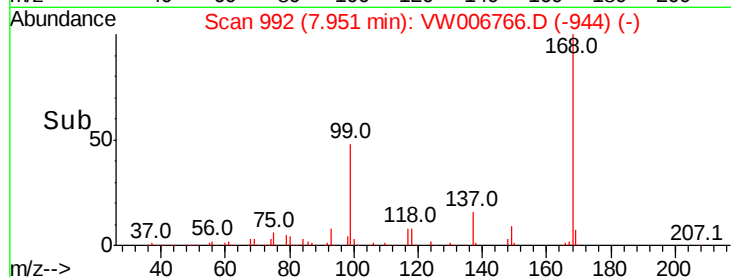
#31
Cyclohexane
Concen: 1.260 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006766.D
Acq: 08 Nov 2018 15:23

Instrument :
MSVOA_W
ClientSampleId :
TS-J

Tot Ion: 56 Resp: 4279
Ion Ratio Lower Upper
56 100
69 160.4 29.0 43.4#
84 155.1 77.8 116.6#

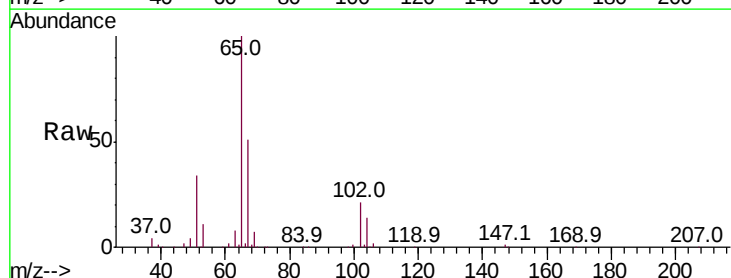


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

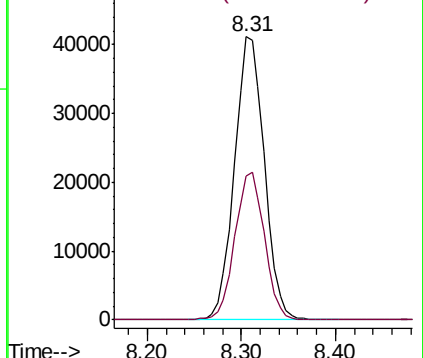
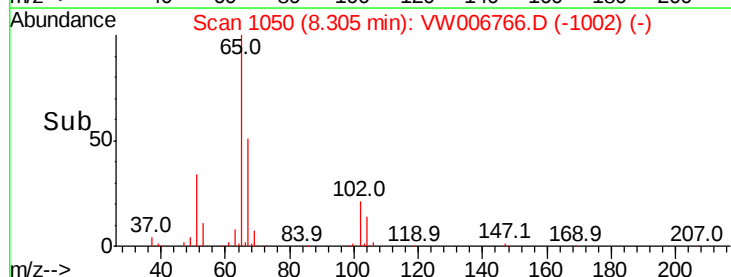


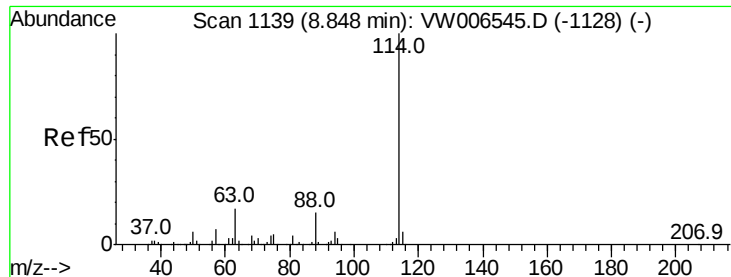
#33
1,2-Dichloroethane-d4
Concen: 42.493 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006766.D
Acq: 08 Nov 2018 15:23

Tgt Ion: 65 Resp: 90602
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

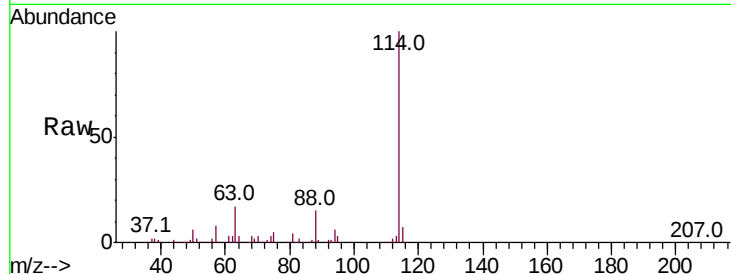




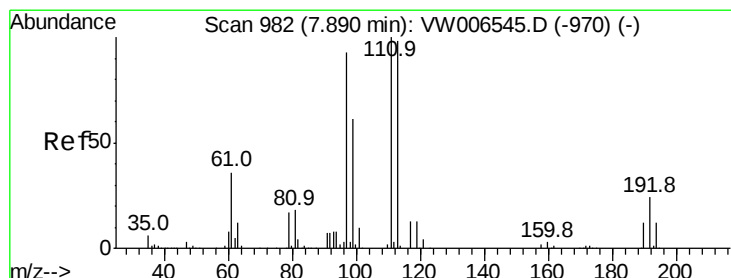
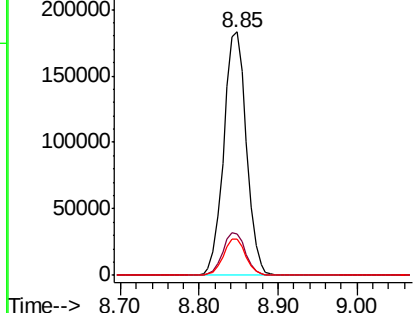
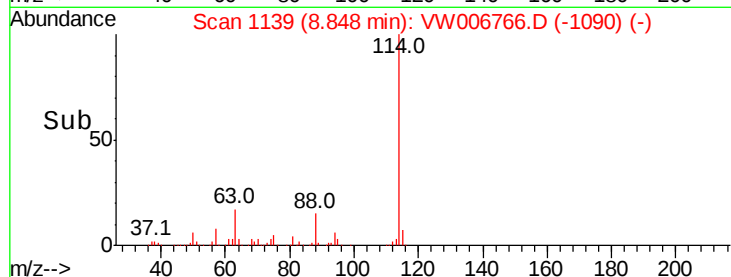
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006766.D
 Acq: 08 Nov 2018 15:23

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-J

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	34.4
88	14.9	0.0	29.0

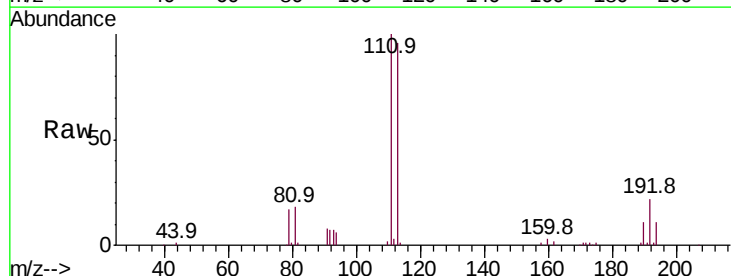


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

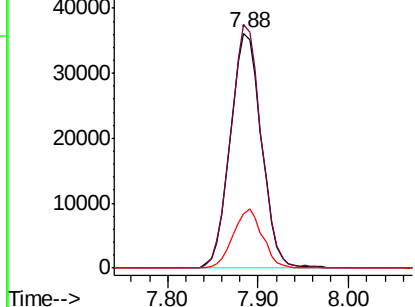
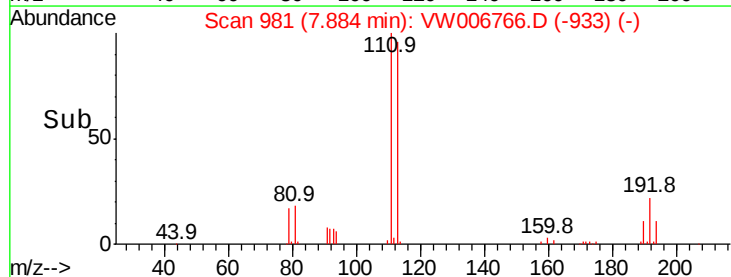


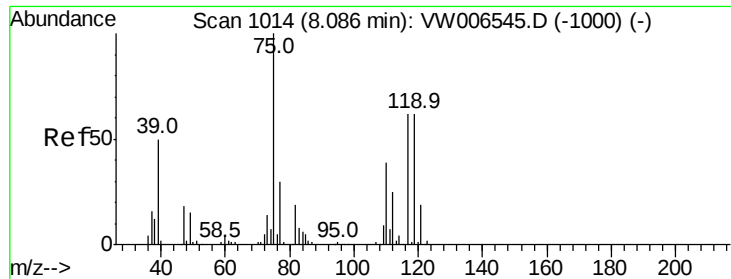
#35
 Dibromofluoromethane
 Concen: 37.537 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006766.D
 Acq: 08 Nov 2018 15:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	23.6	19.0	28.6



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

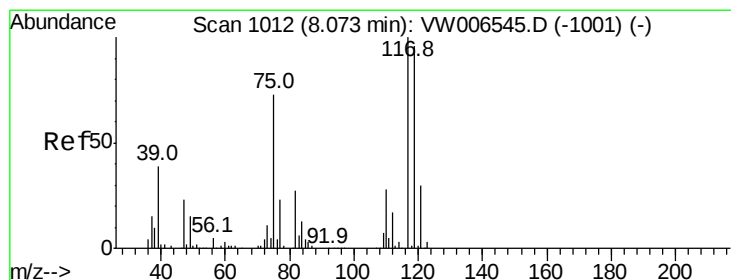
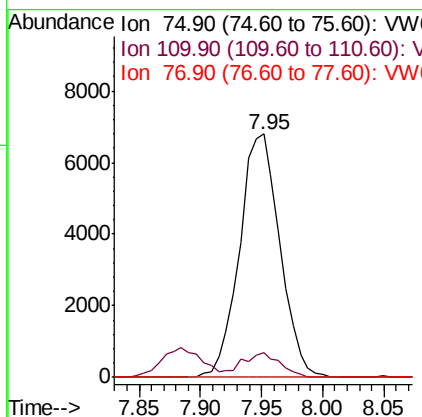
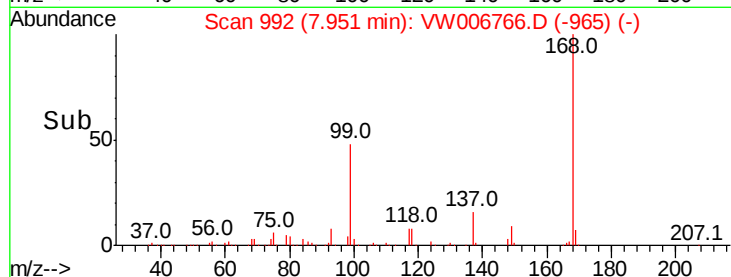
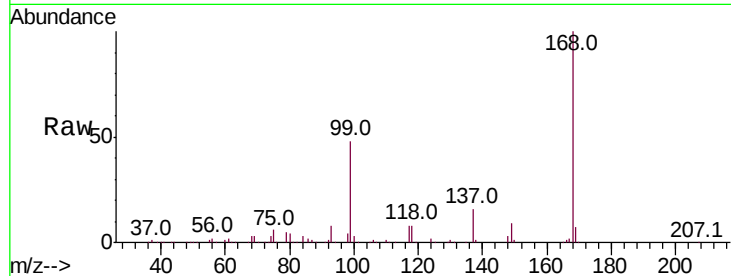




#36
 1,1-Dichloropropene
 Concen: 4.848 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006766.D
 Acq: 08 Nov 2018 15:23

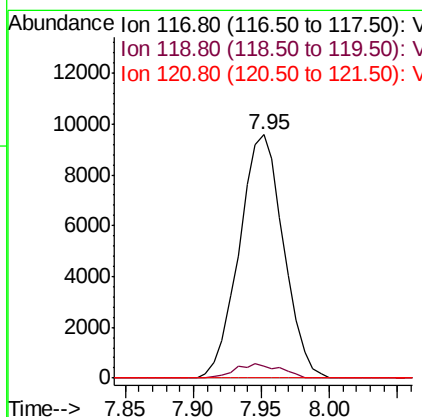
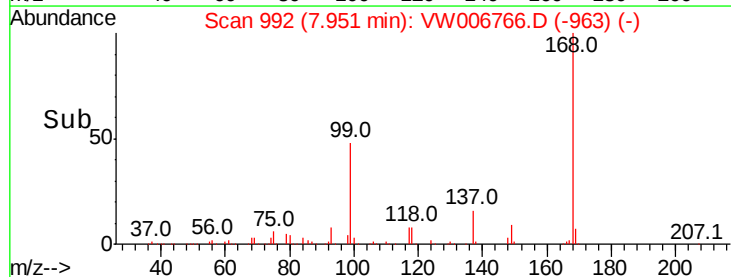
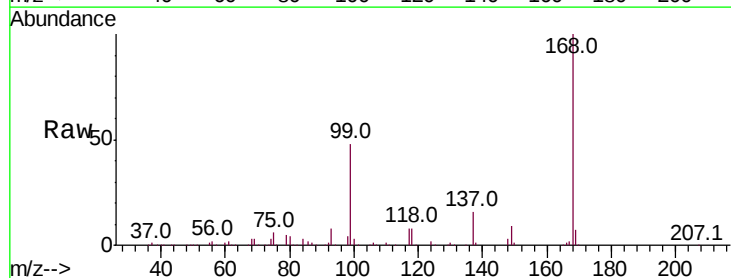
Instrument :
 MSVOA_W
 ClientSampleId :
 TS-J

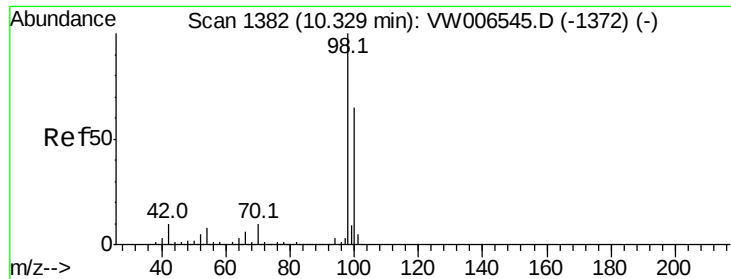
Tot Ion: 75 Resp: 15582
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.473 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006766.D
 Acq: 08 Nov 2018 15:23

Tgt Ion: 117 Resp: 21740
 Ion Ratio Lower Upper
 117 100
 119 5.1 76.3 114.5#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 30.592 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006766.D

Acq: 08 Nov 2018 15:23

Instrument :

MSVOA_W

ClientSampled :

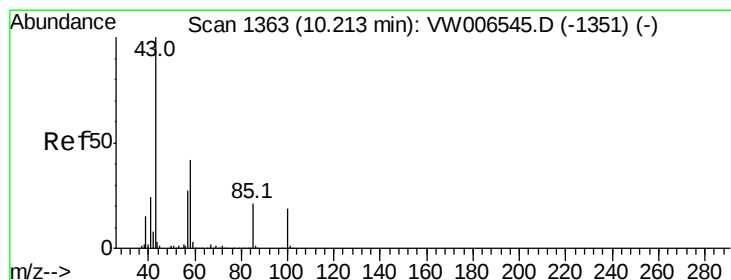
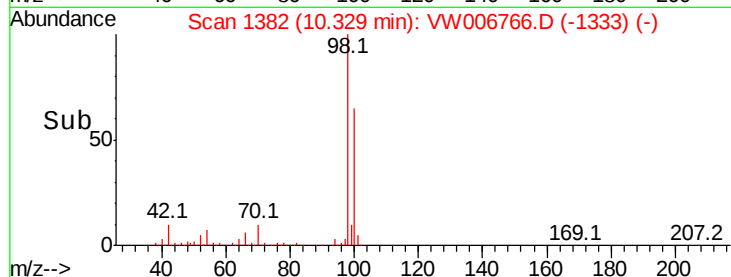
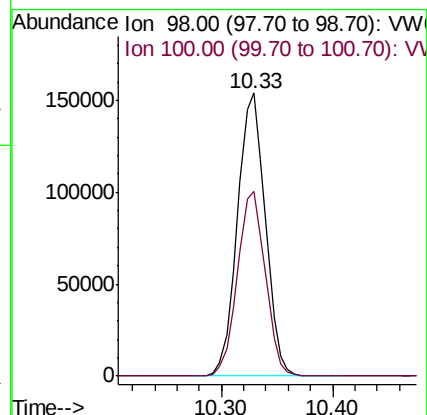
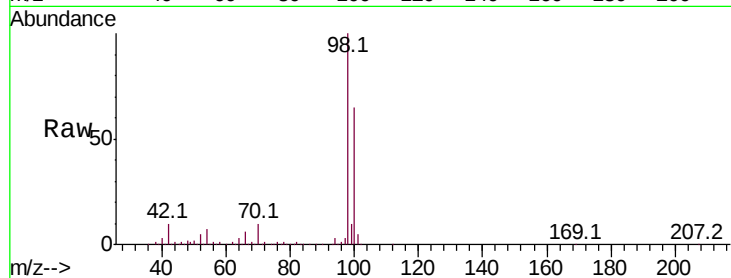
TS-J

Tot Ion: 98 Resp: 267135

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.003 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006766.D

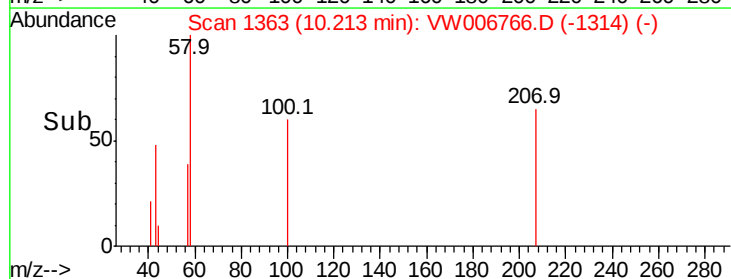
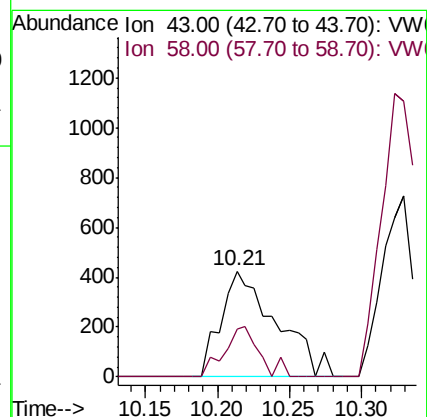
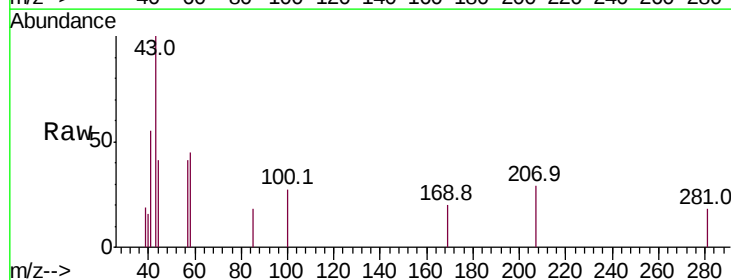
Acq: 08 Nov 2018 15:23

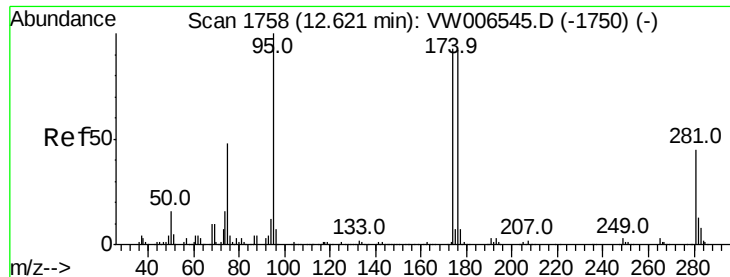
Tgt Ion: 43 Resp: 1145

Ion Ratio Lower Upper

43 100

58 30.0 33.4 50.0#





#62

4-Bromofluorobenzene

Concen: 26.657 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006766.D

Acq: 08 Nov 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

TS-J

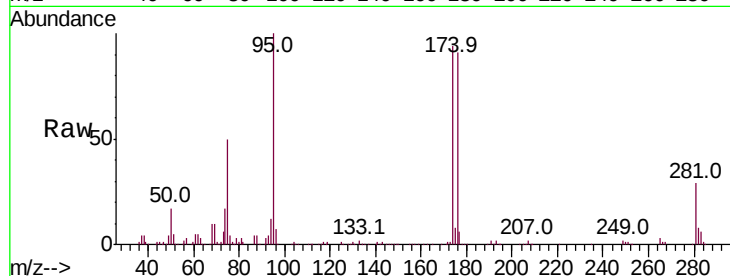
Tot Ion: 95 Resp: 84392

Ion Ratio Lower Upper

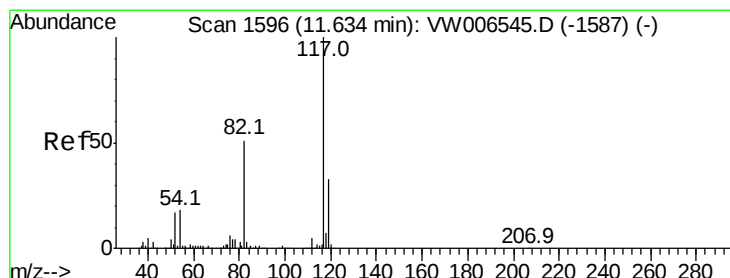
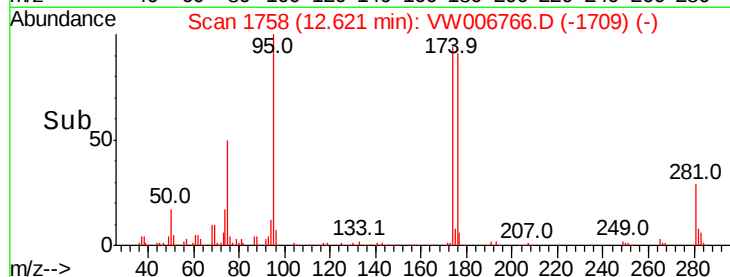
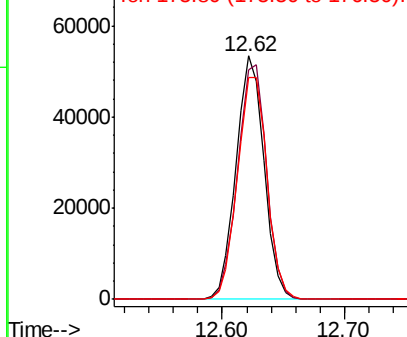
95 100

174 99.8 0.0 192.4

176 96.6 0.0 187.4



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: VW006766.D

Acq: 08 Nov 2018 15:23

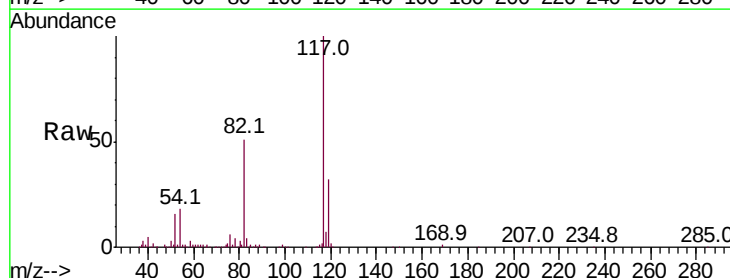
Tgt Ion: 117 Resp: 326024

Ion Ratio Lower Upper

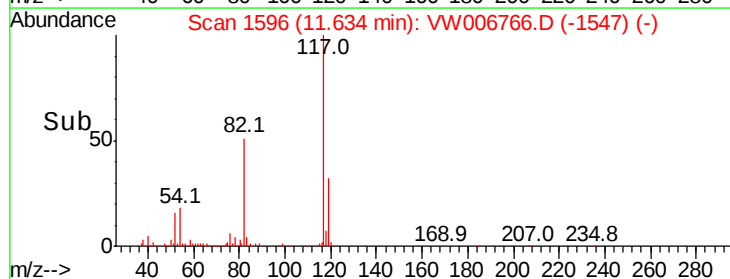
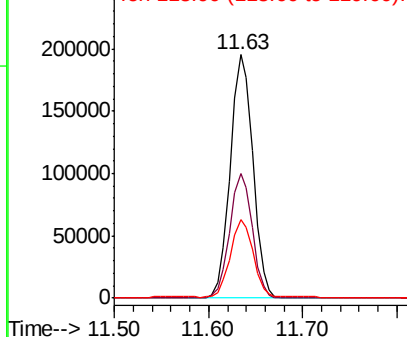
117 100

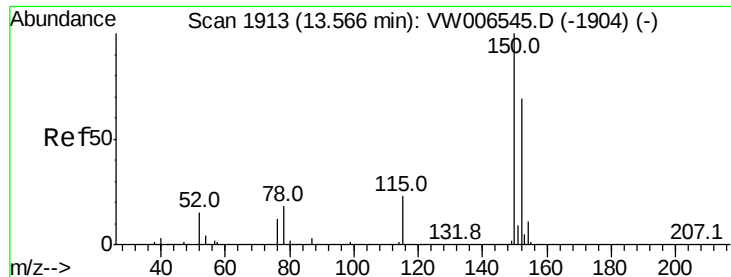
82 51.4 40.8 61.2

119 31.9 26.1 39.1



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: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006766.D

Acq: 08 Nov 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

TS-J

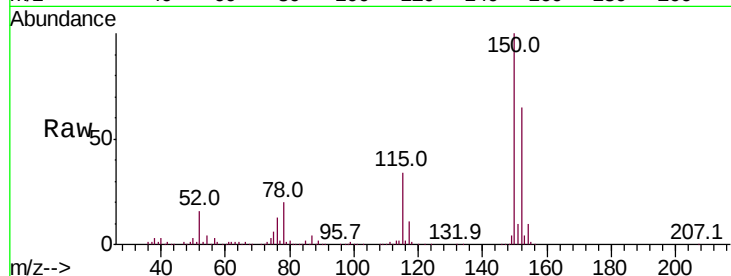
Tot Ion:152 Resp: 133414

Ion Ratio Lower Upper

152 100

115 53.8 26.6 79.8

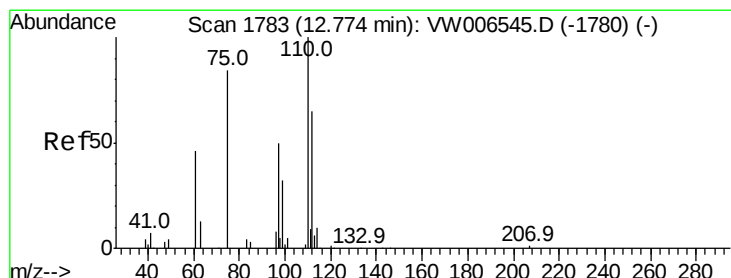
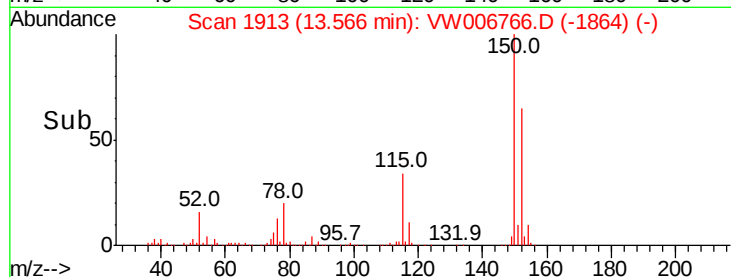
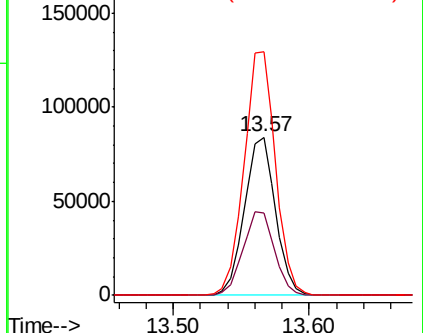
150 156.0 0.0 344.6



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: 40.129 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006766.D

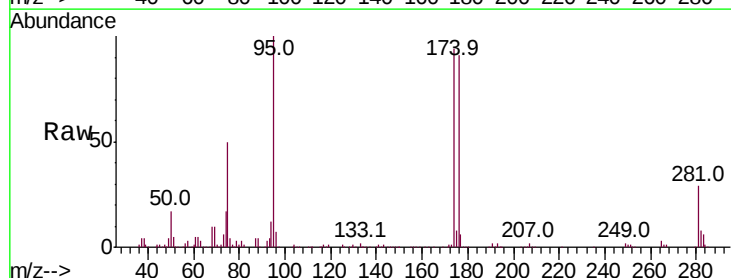
Acq: 08 Nov 2018 15:23

Tgt Ion: 75 Resp: 41772

Ion Ratio Lower Upper

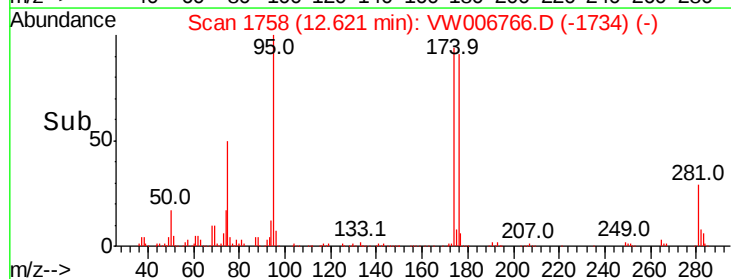
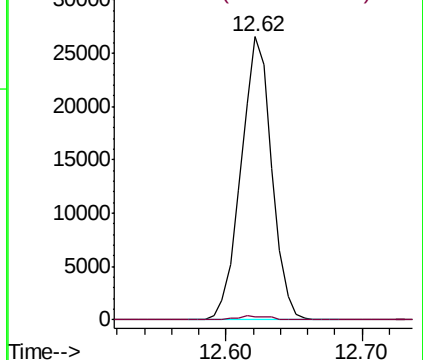
75 100

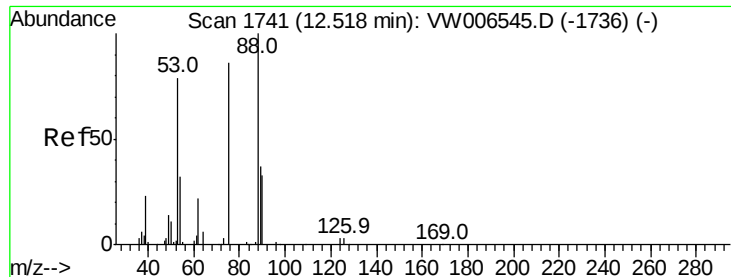
77 1.5 0.0 0.0#



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: 101.054 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006766.D

Acq: 08 Nov 2018 15:23

Instrument :

MSVOA_W

ClientSampleId :

TS-J

Tot Ion: 75 Resp: 41772

Ion Ratio Lower Upper

75 100

53 0.1 77.2 115.8#

89 0.3 38.6 58.0#

