

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006748.D
 Acq On : 07 Nov 2018 20:25
 Operator : SY/AP
 Sample : J5745-19
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 09 09:49:58 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	306181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	441789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	397065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	190994	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	84660	32.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.34%	
35) Dibromofluoromethane	7.89	113	97298	35.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.18%	
50) Toluene-d8	10.33	98	345185	32.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.40%	
62) 4-Bromofluorobenzene	12.62	95	113595	29.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.38%	

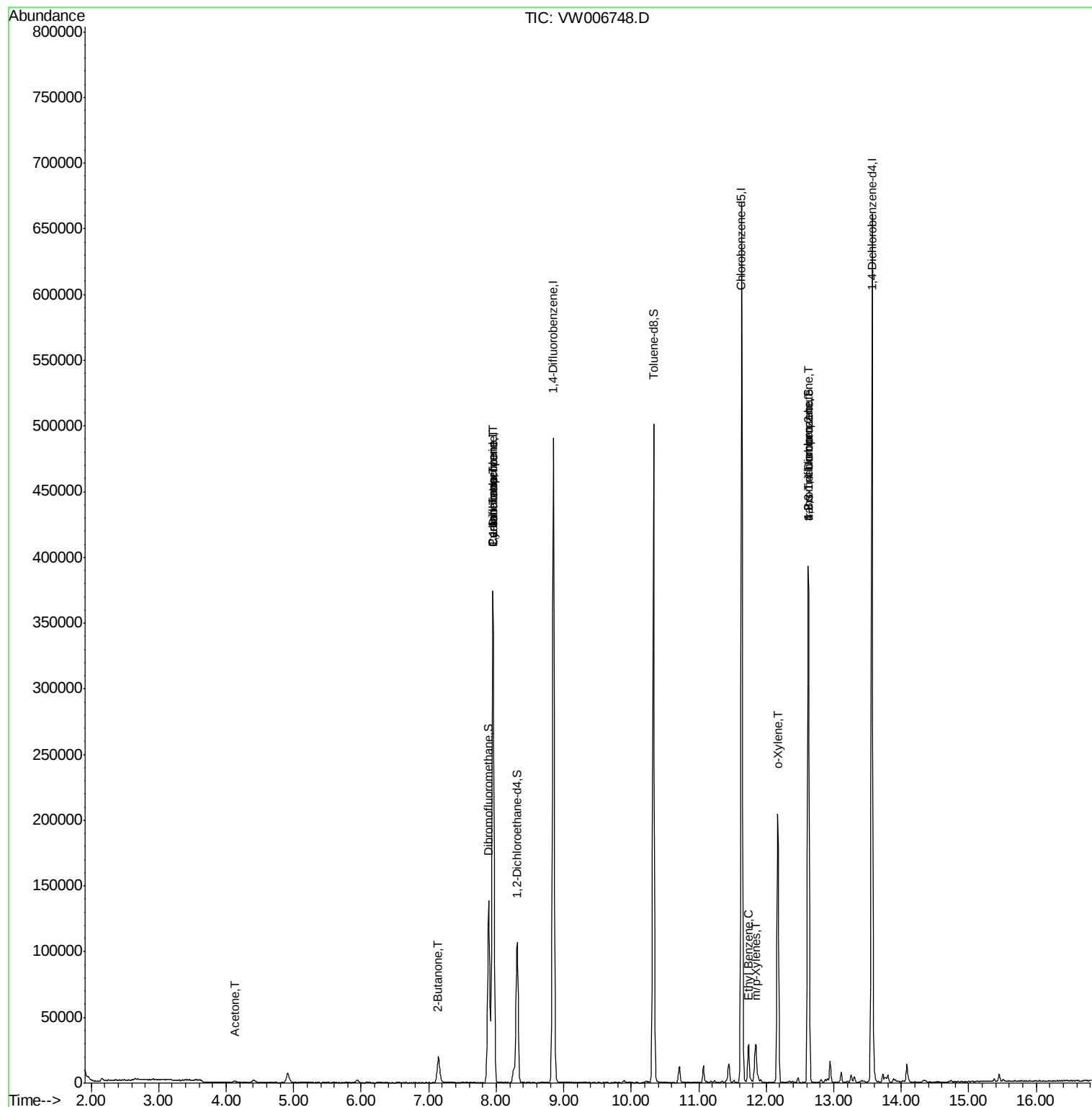
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	2700	6.354	ug/l	97
20) Methylene Chloride	4.91	84	5739	Below Cal		91
25) 2-Butanone	7.14	43	1093	1.803	ug/l #	46
31) Cyclohexane	7.95	56	4959	1.183	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	19285	4.964	ug/l #	48
38) Carbon Tetrachloride	7.95	117	26680	6.572	ug/l #	17
67) Ethyl Benzene	11.74	91	20448	1.464	ug/l	99
68) m/p-Xylenes	11.85	106	9596	1.720	ug/l	96
69) o-Xylene	12.17	106	57207	10.770	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	56177	37.698	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	56177	95.092	ug/l #	11

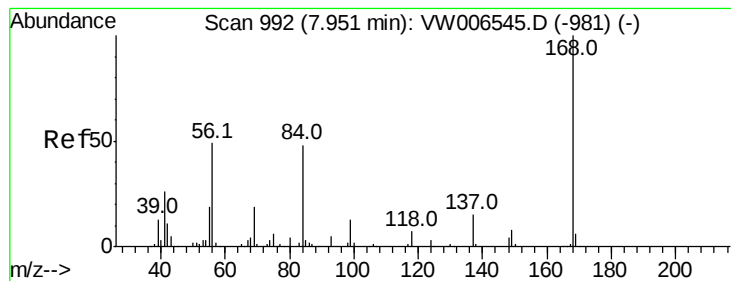
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110718\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
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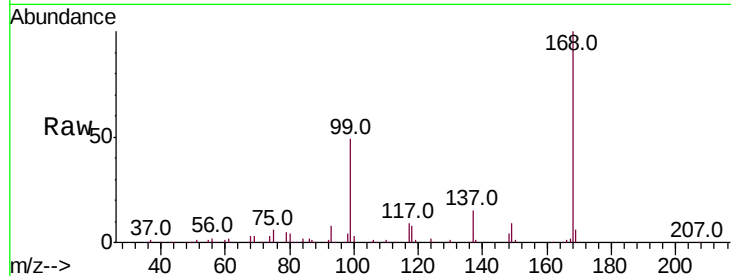


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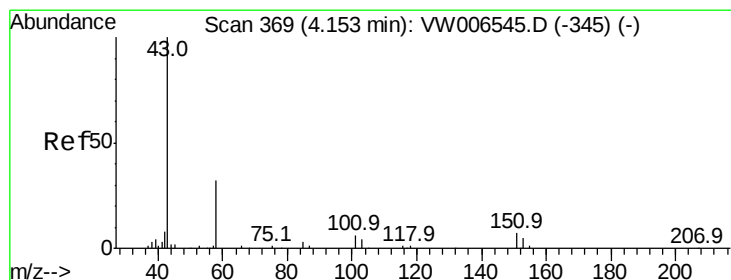
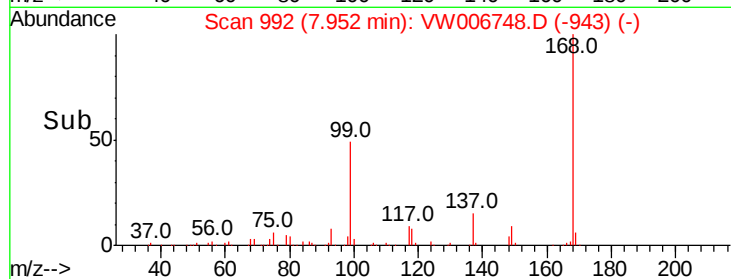
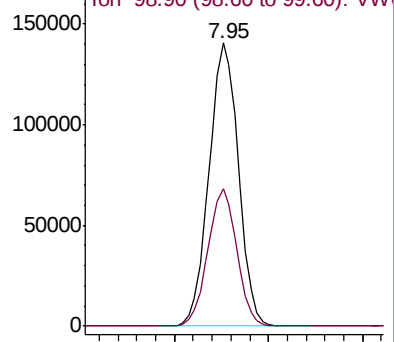
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW006748.D
 Acq: 07 Nov 2018 20:25

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:168 Resp: 306181
 Ion Ratio Lower Upper
 168 100
 99 48.5 37.4 56.0



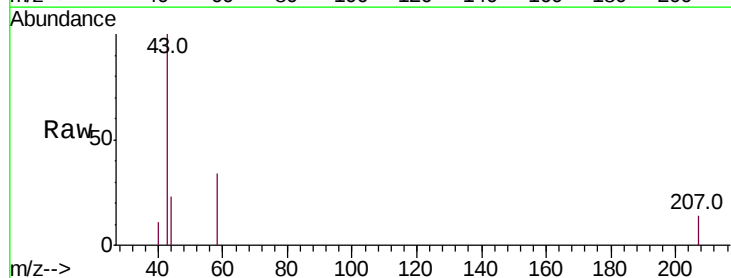
Abundance Ion 167.90 (167.60 to 168.60): V



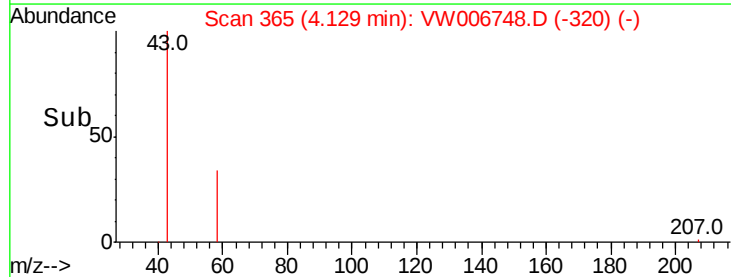
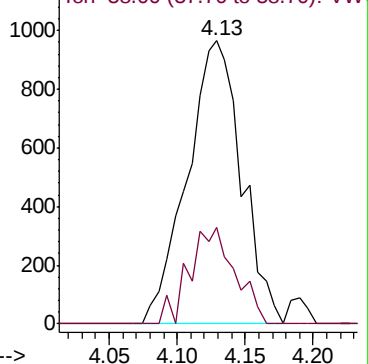
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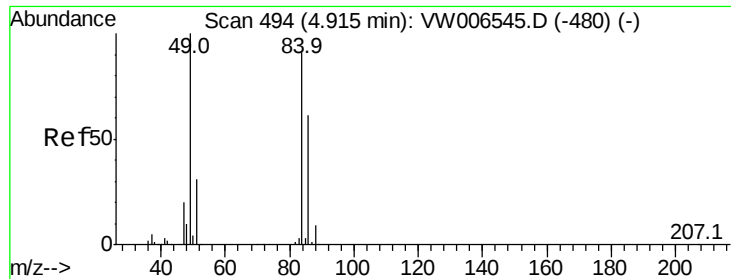
Acetone
 Concen: 6.354 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.02 min
 Lab File: VW006748.D
 Acq: 07 Nov 2018 20:25

Tgt Ion: 43 Resp: 2700
 Ion Ratio Lower Upper
 43 100
 58 34.2 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

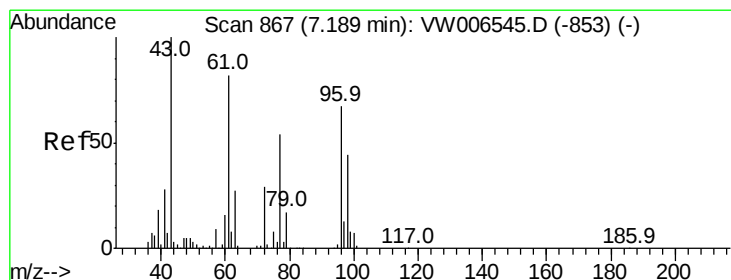
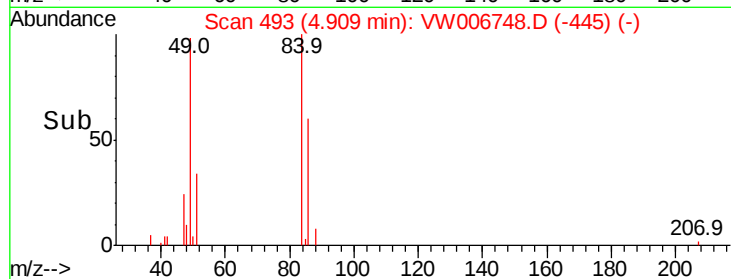
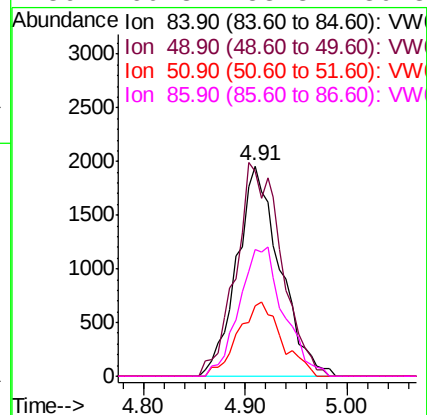
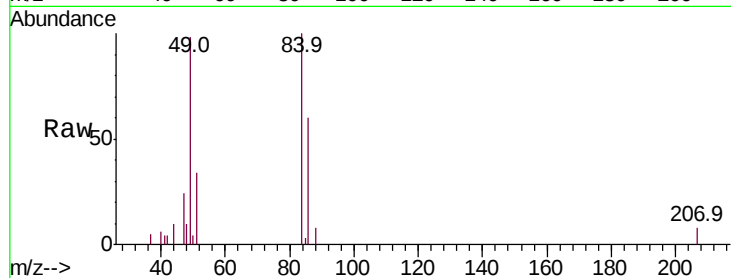




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006748.D
Acq: 07 Nov 2018 20:25

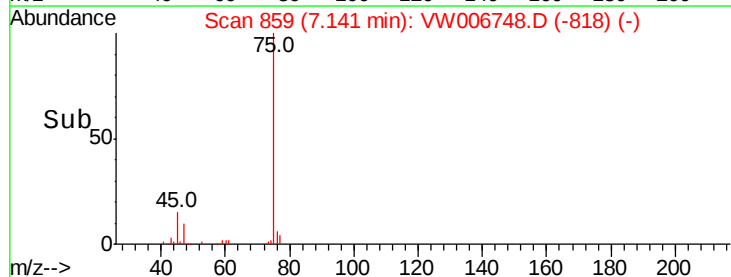
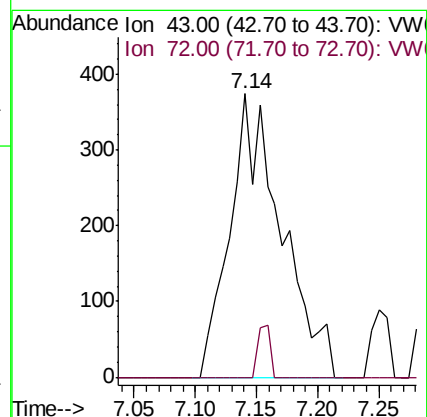
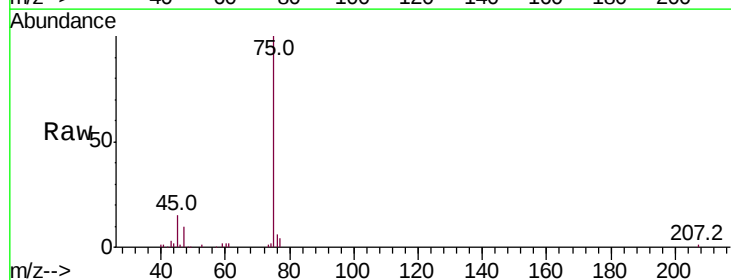
Instrument :
MSVOA_W
ClientSampled :

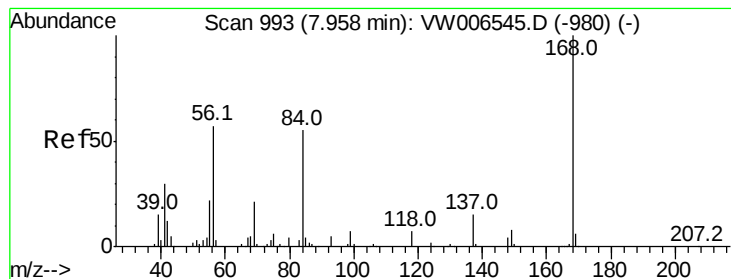
Tot Ion:	84	Resp:	5739
Ion	Ratio	Lower	Upper
84	100		
49	97.7	88.2	132.4
51	33.6	27.0	40.6
86	60.3	53.8	80.8



#25
2-Butanone
Concen: 1.803 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.05 min
Lab File: VW006748.D
Acq: 07 Nov 2018 20:25

Tgt Ion:	43	Resp:	1093
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.2	34.8#





#31

Cyclohexane

Concen: 1.183 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006748.D

Acq: 07 Nov 2018 20:25

Instrument :
MSVOA_W
ClientSampled :

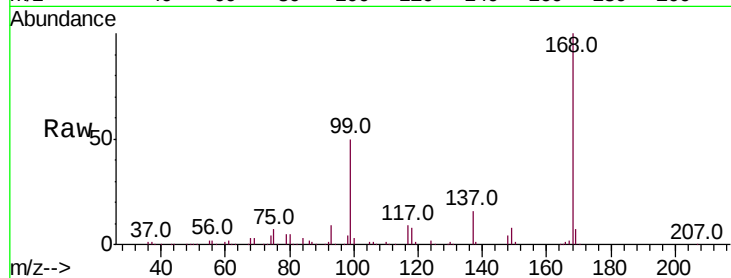
Tot Ion: 56 Resp: 4959

Ion Ratio Lower Upper

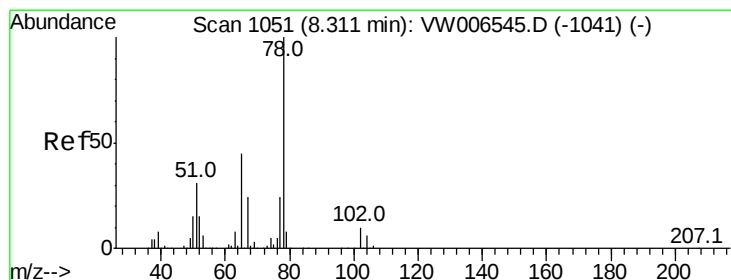
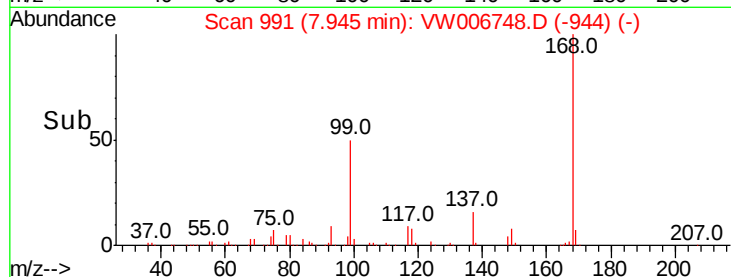
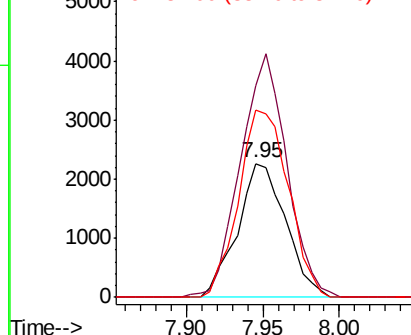
56 100

69 158.2 29.0 43.4#

84 139.3 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: 32.167 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006748.D

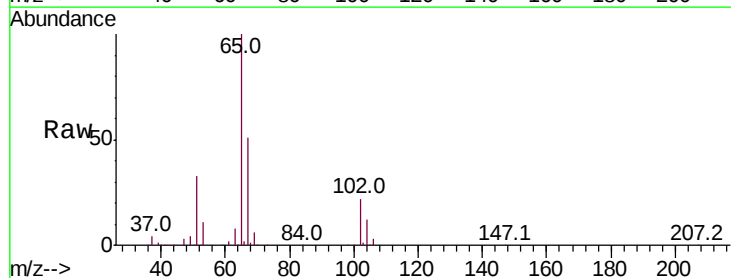
Acq: 07 Nov 2018 20:25

Tgt Ion: 65 Resp: 84660

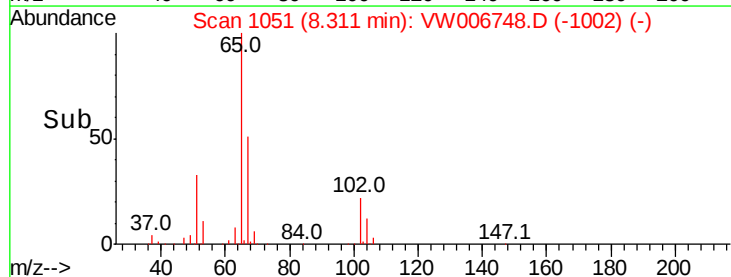
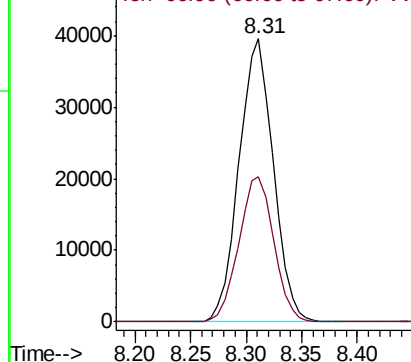
Ion Ratio Lower Upper

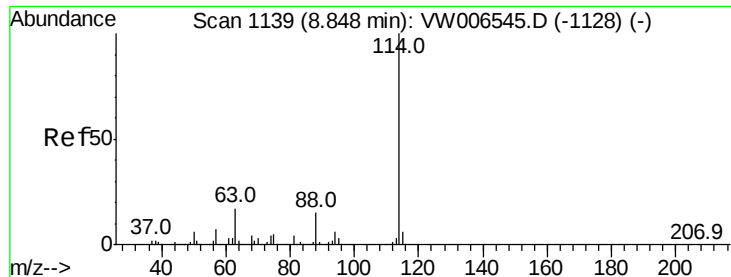
65 100

67 52.5 0.0 104.4



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

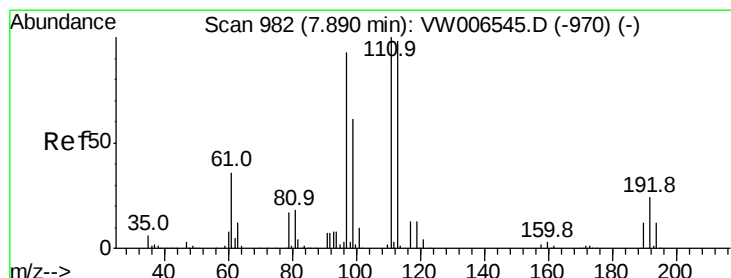
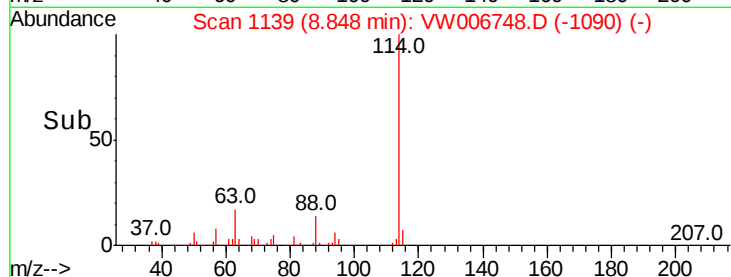
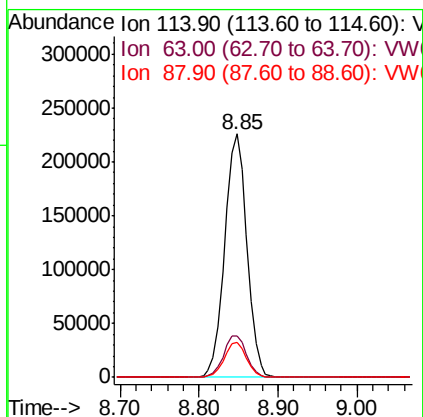
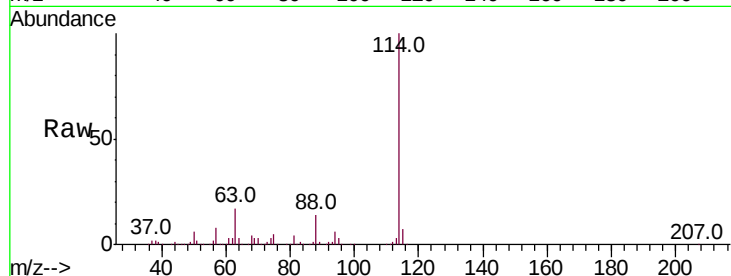




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006748.D
 Acq: 07 Nov 2018 20:25

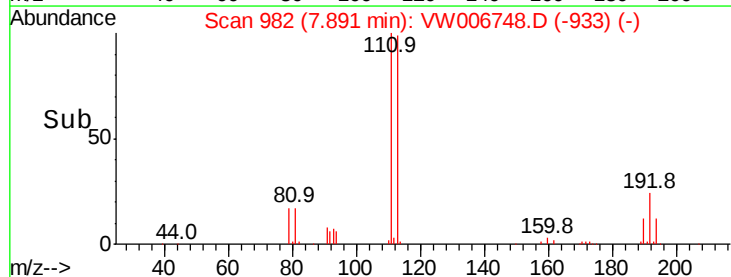
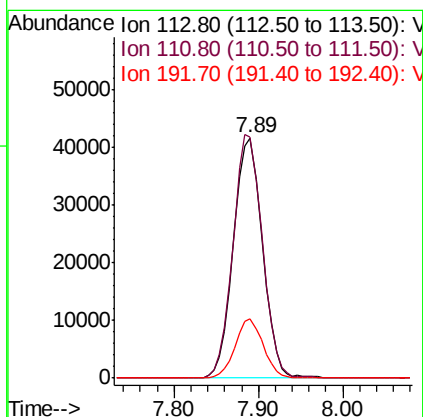
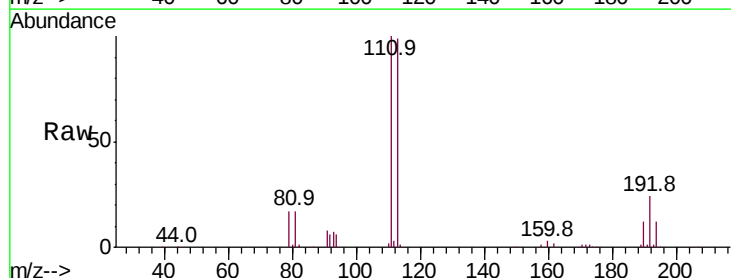
Instrument :
 MSVOA_W
 ClientSampleId :

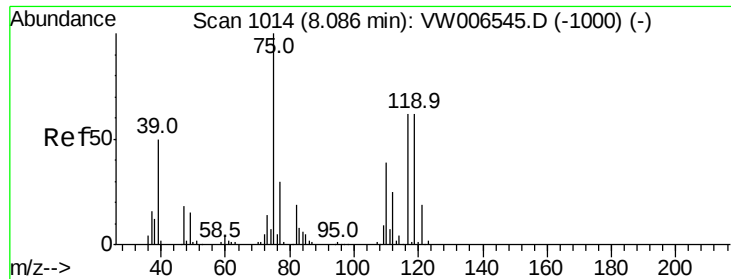
Tot Ion:114 Resp: 441789
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 34.4
 88 14.2 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 35.093 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006748.D
 Acq: 07 Nov 2018 20:25

Tgt Ion:113 Resp: 97298
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.2
 192 23.6 19.0 28.6

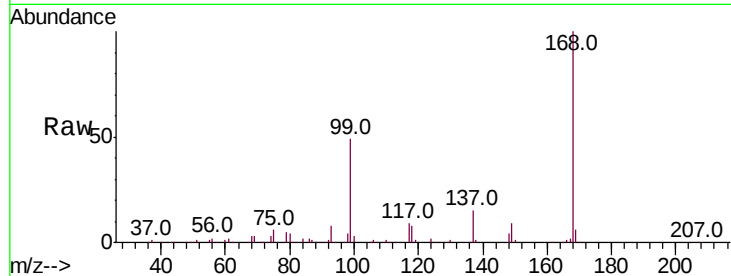




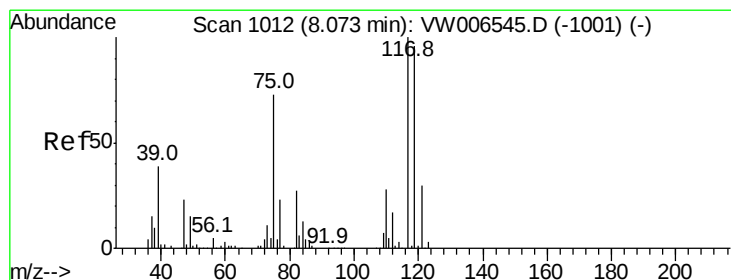
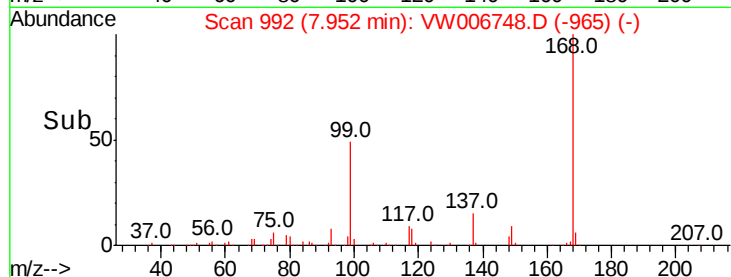
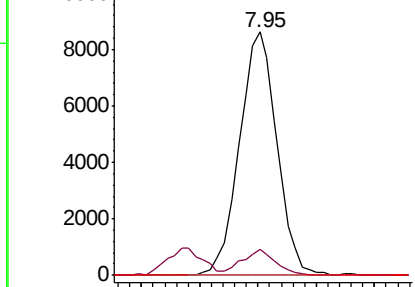
#36
 1,1-Dichloropropene
 Concen: 4.964 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006748.D
 Acq: 07 Nov 2018 20:25

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.5	58.5#
77	0.0	24.6	37.0#

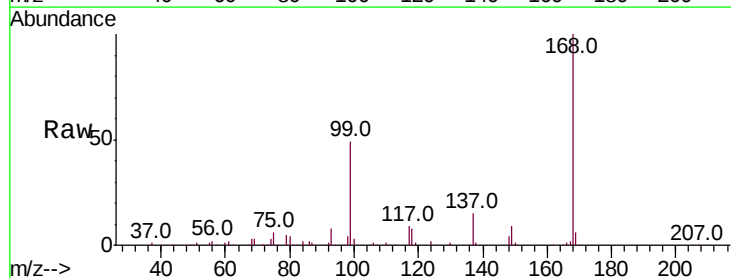


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

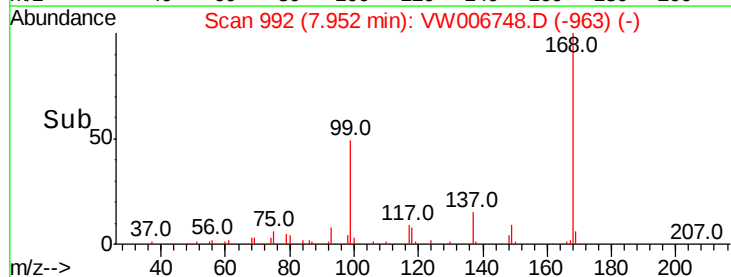
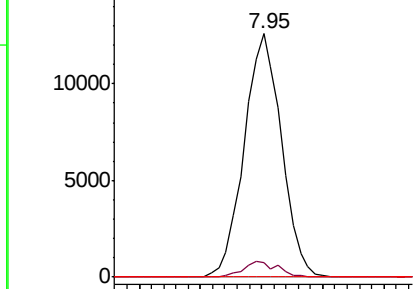


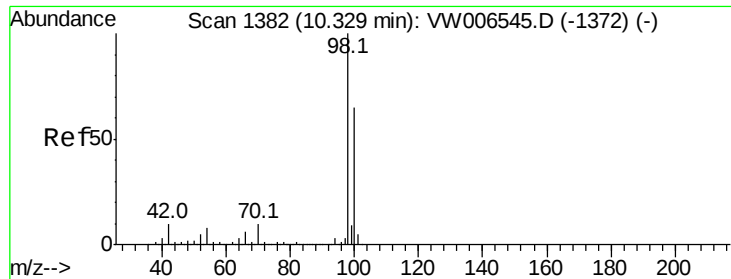
#38
 Carbon Tetrachloride
 Concen: 6.572 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006748.D
 Acq: 07 Nov 2018 20:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.7	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: 32.704 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006748.D

Acq: 07 Nov 2018 20:25

Instrument :

MSVOA_W

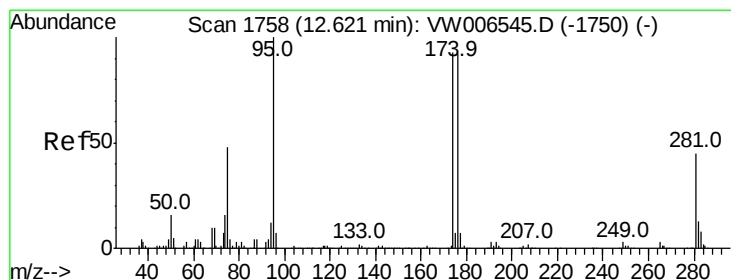
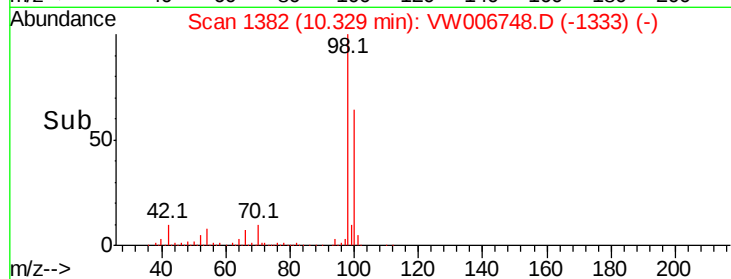
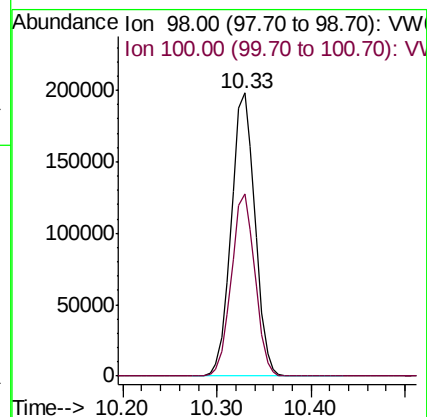
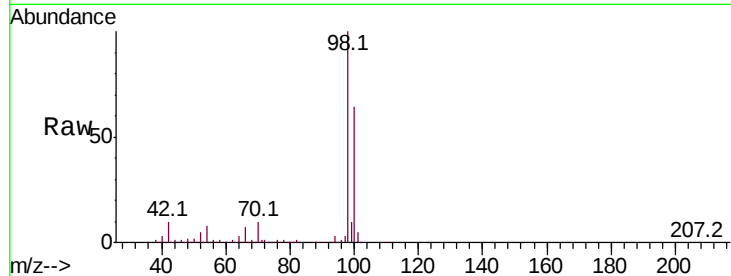
ClientSampled :

Tot Ion: 98 Resp: 345185

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 29.687 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006748.D

Acq: 07 Nov 2018 20:25

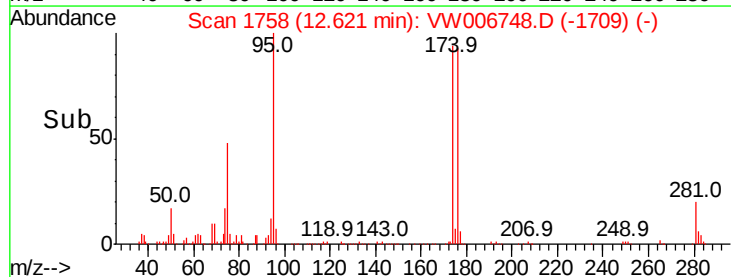
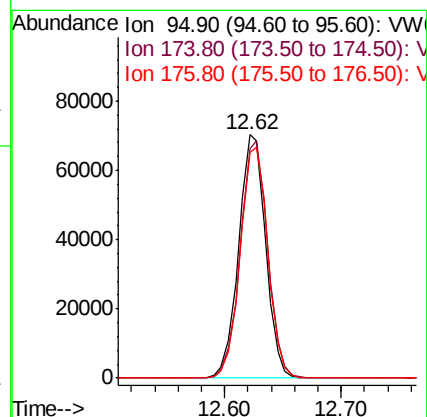
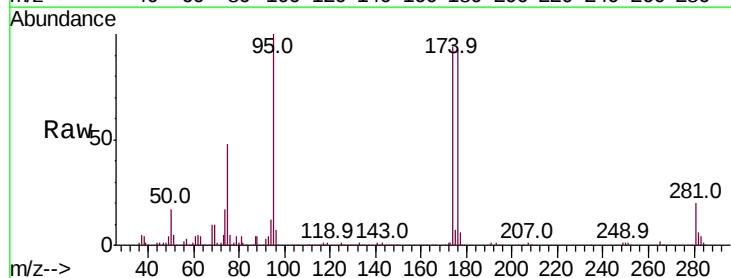
Tgt Ion: 95 Resp: 113595

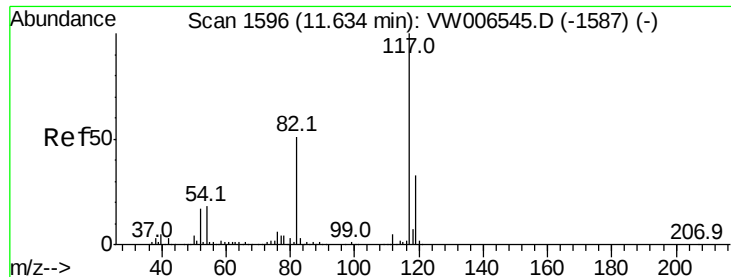
Ion Ratio Lower Upper

95 100

174 99.1 0.0 192.4

176 96.8 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: VW006748.D

Acq: 07 Nov 2018 20:25

Instrument :

MSVOA_W

ClientSampleId :

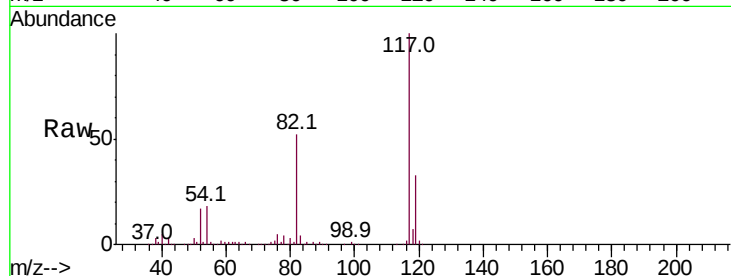
Tot Ion:117 Resp: 397065

Ion Ratio Lower Upper

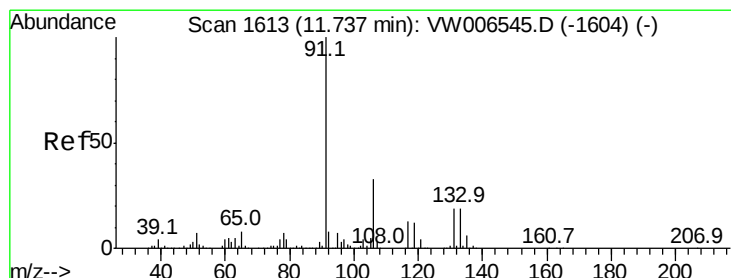
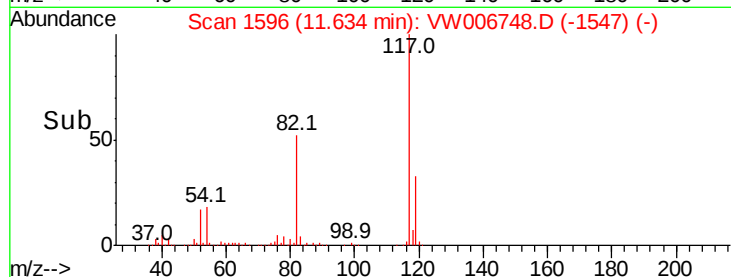
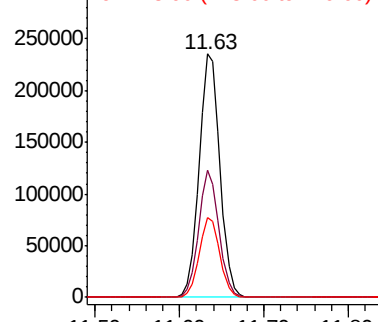
117 100

82 52.2 40.8 61.2

119 32.9 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 1.464 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW006748.D

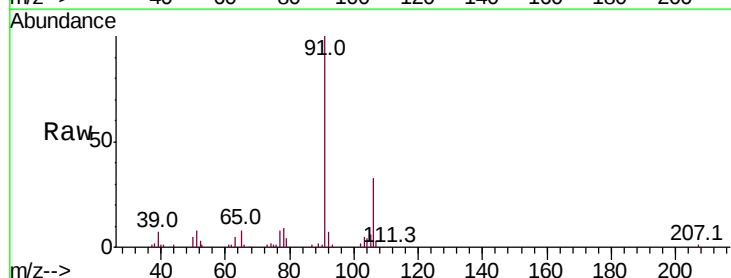
Acq: 07 Nov 2018 20:25

Tgt Ion: 91 Resp: 20448

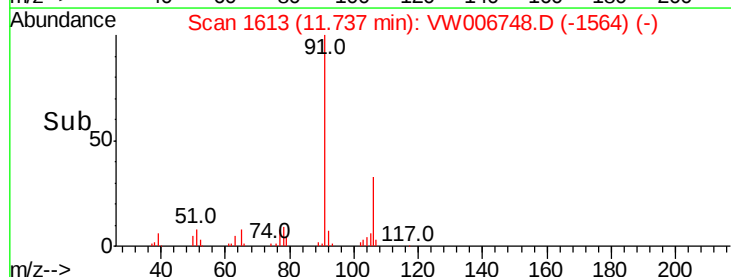
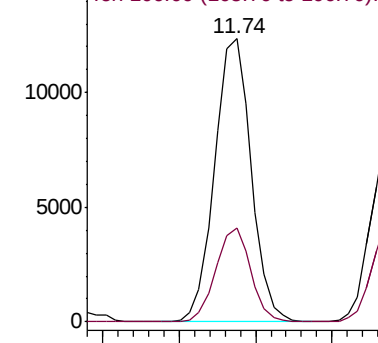
Ion Ratio Lower Upper

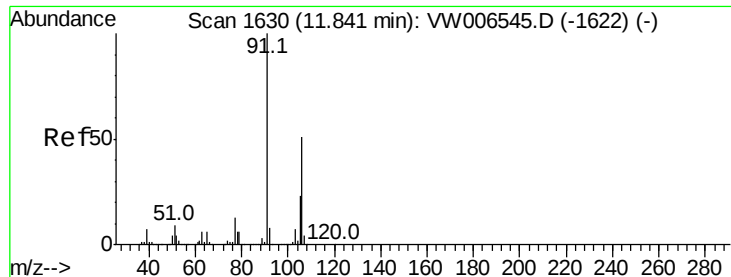
91 100

106 33.4 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 1.720 ug/l

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW006748.D

Acq: 07 Nov 2018 20:25

Instrument :

MSVOA_W

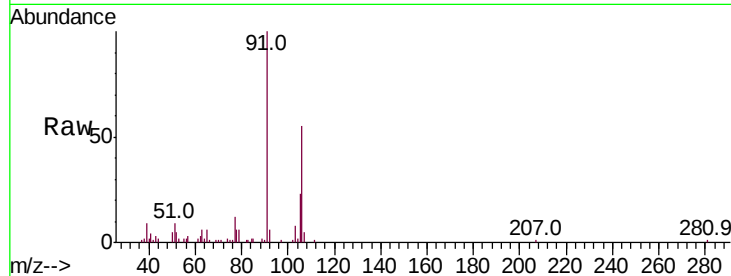
ClientSampleId :

Tot Ion:106 Resp: 9596

Ion Ratio Lower Upper

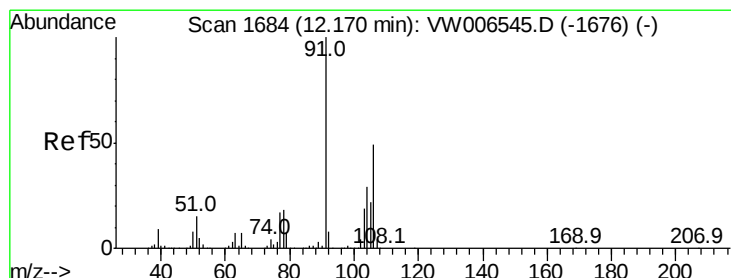
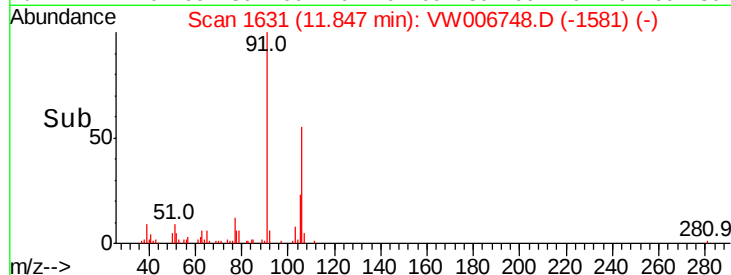
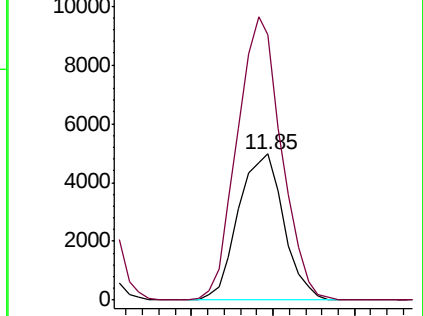
106 100

91 190.3 156.7 235.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 10.770 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW006748.D

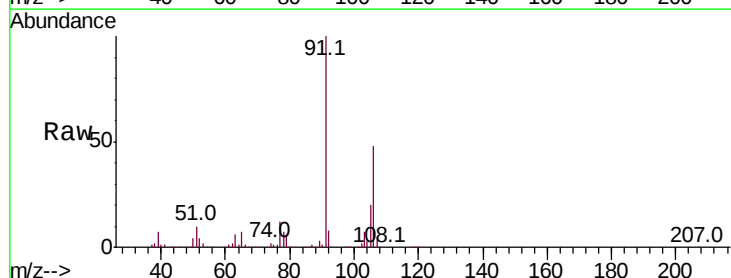
Acq: 07 Nov 2018 20:25

Tgt Ion:106 Resp: 57207

Ion Ratio Lower Upper

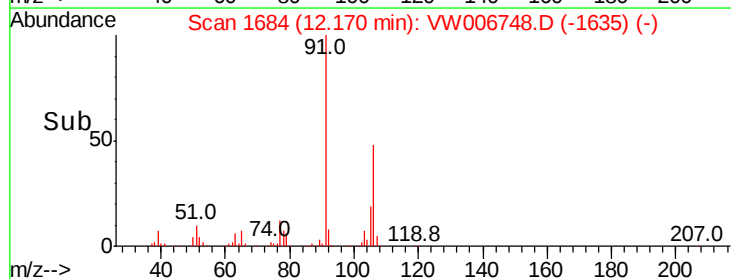
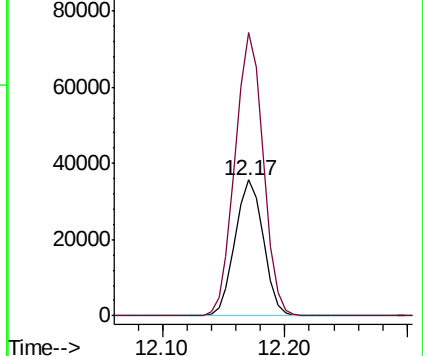
106 100

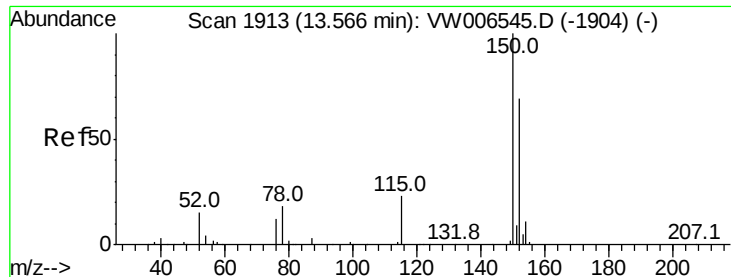
91 207.5 102.8 308.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



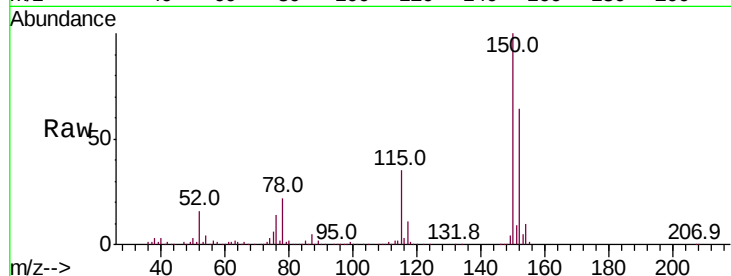


#72

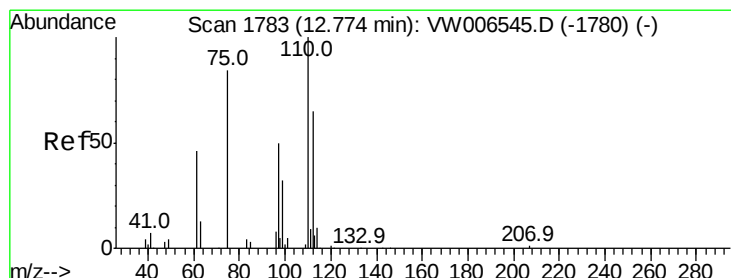
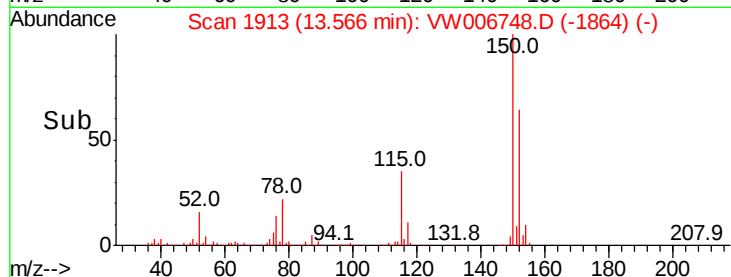
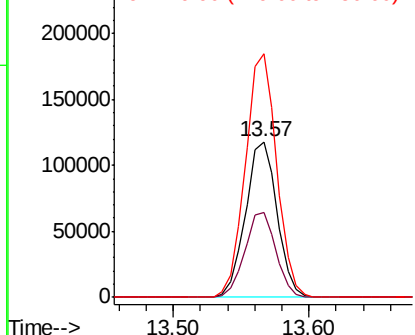
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006748.D
Acq: 07 Nov 2018 20:25

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 190994
Ion Ratio Lower Upper
152 100
115 54.1 26.6 79.8
150 155.8 0.0 344.6



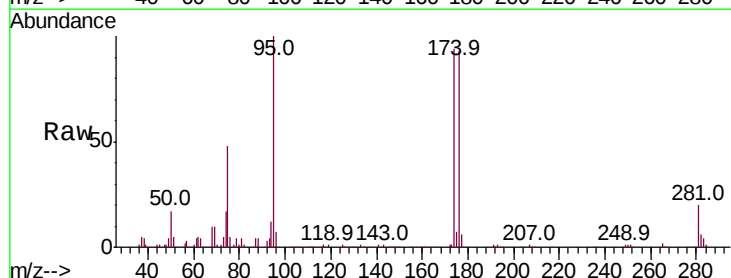
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



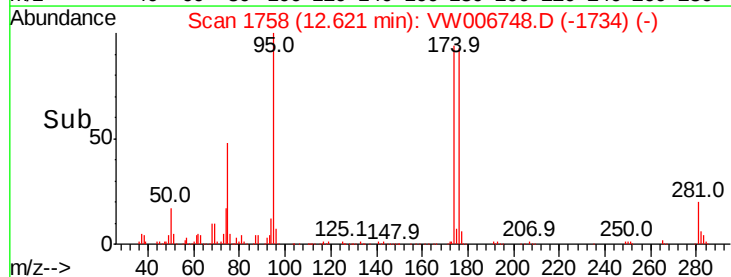
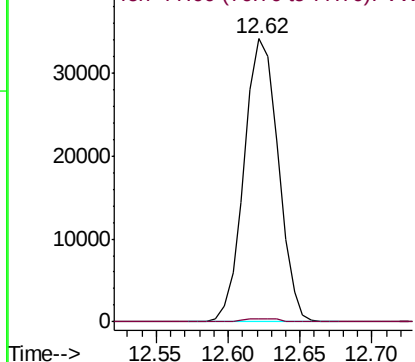
#76

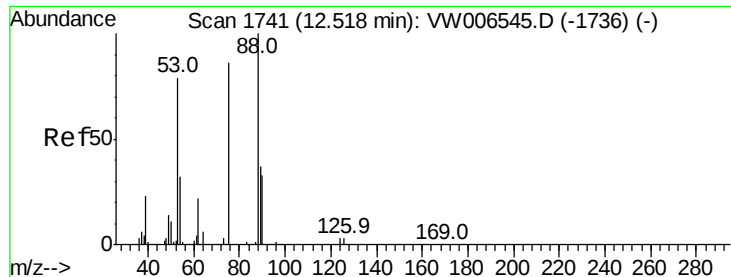
1,2,3-Trichloropropane
Concen: 37.698 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006748.D
Acq: 07 Nov 2018 20:25

Tgt Ion: 75 Resp: 56177
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: 95.092 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006748.D

Acq: 07 Nov 2018 20:25

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 56177

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.1 38.6 58.0#

