

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006740.D
 Acq On : 07 Nov 2018 16:58
 Operator : SY/AP
 Sample : J5819-06RE
 Misc : 4.16G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 09 09:48:50 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

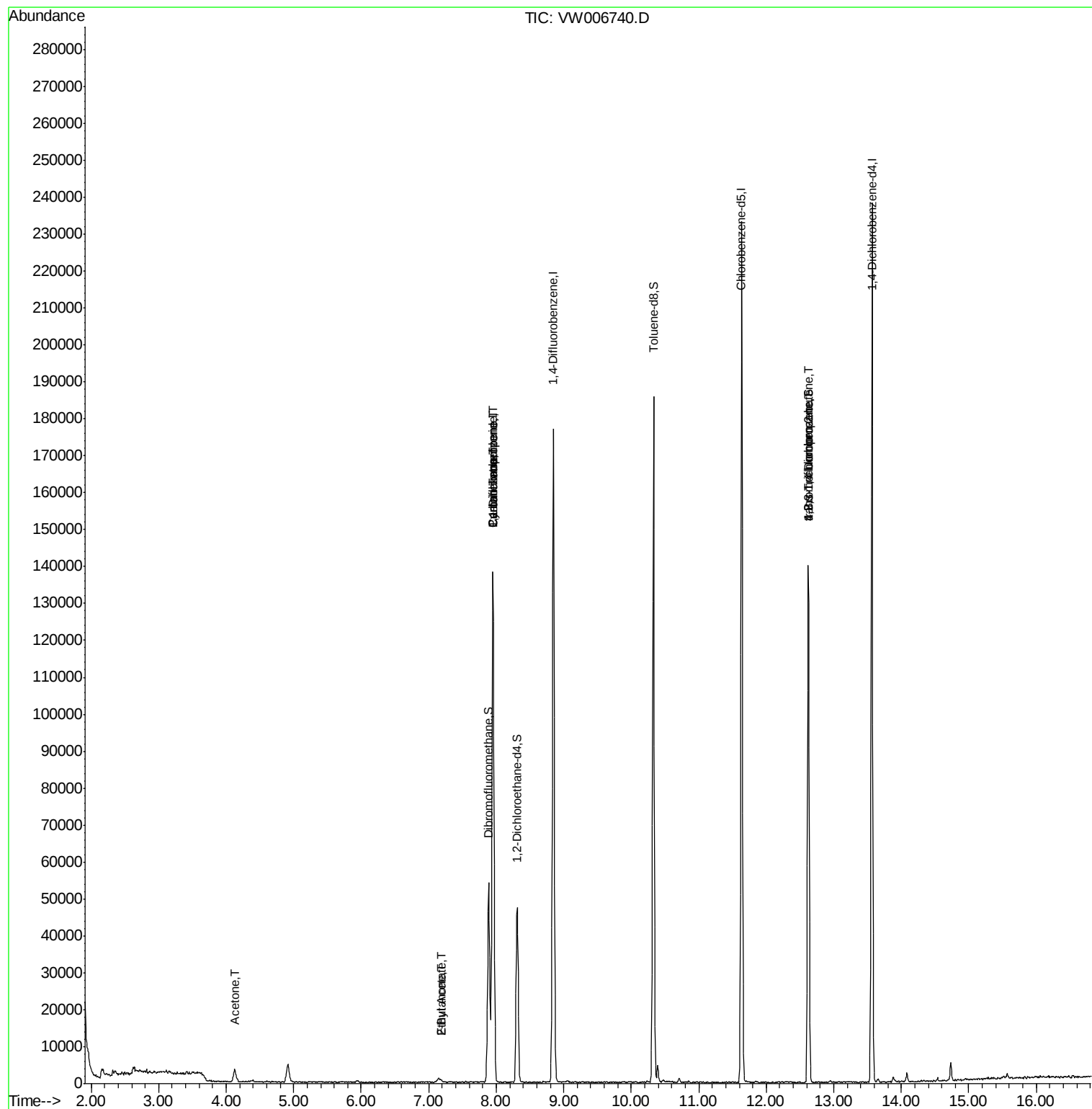
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	114223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	159087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	141654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	70215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	36346	37.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.04%	
35) Dibromofluoromethane	7.88	113	38132	38.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.38%	
50) Toluene-d8	10.33	98	132124	34.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.52%	
62) 4-Bromofluorobenzene	12.62	95	42610	30.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.84%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	5752	36.286	ug/l #	86
20) Methylene Chloride	4.91	84	3841	Below Cal		92
25) 2-Butanone	7.20	43	855	3.780	ug/l #	46
31) Cyclohexane	7.95	56	1996	1.276	ug/l #	42
36) 1,1-Dichloropropene	7.95	75	7112	5.084	ug/l #	49
37) Ethyl Acetate	7.20	43	855	1.764	ug/l #	66
38) Carbon Tetrachloride	7.95	117	9801	6.704	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	21109	38.532	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	21109	97.136	ug/l #	11

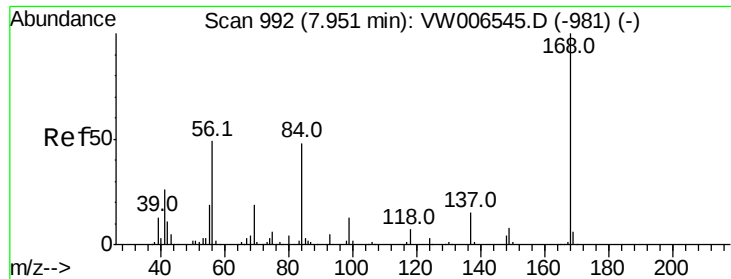
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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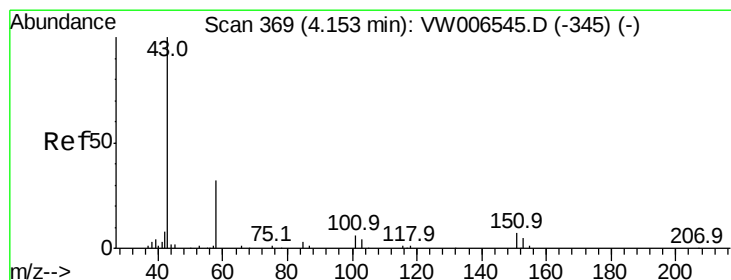
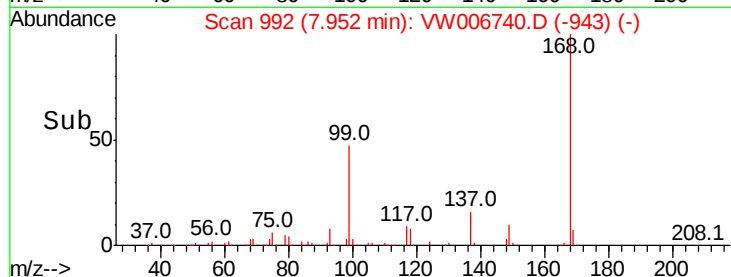
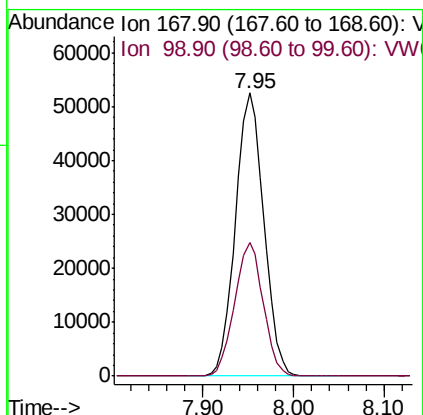
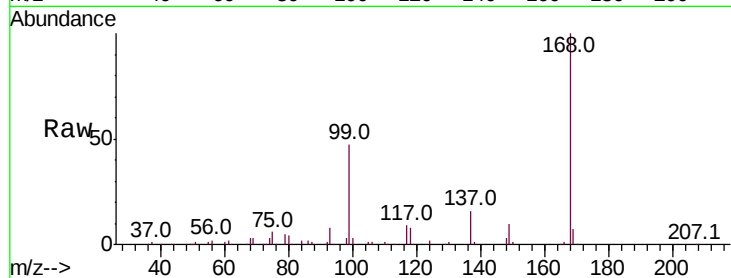


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW006740.D
 Acq: 07 Nov 2018 16:58

Instrument :
 MSVOA_W
 ClientSampled :

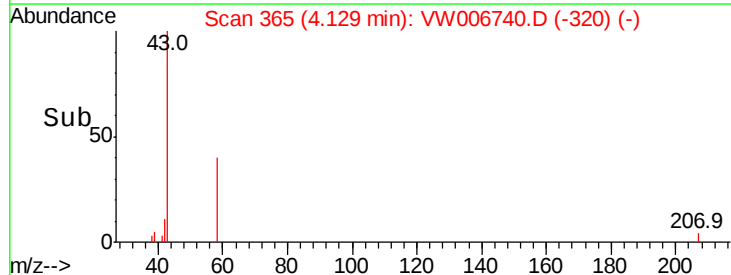
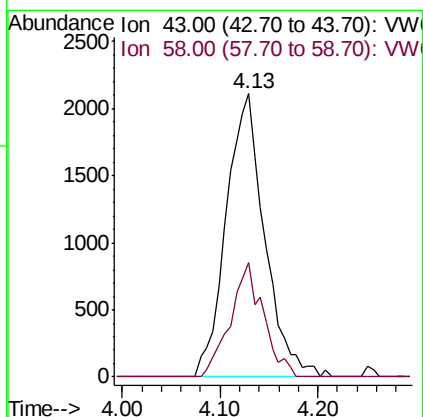
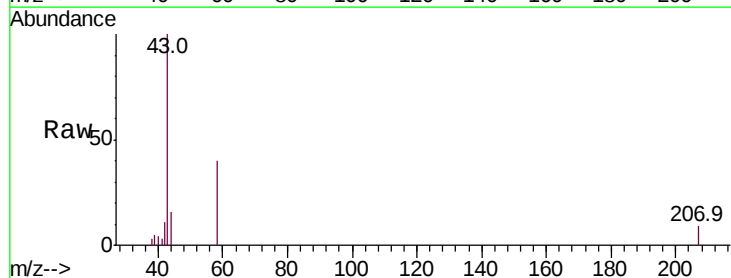
Tot Ion:168 Resp: 114223
 Ion Ratio Lower Upper
 168 100
 99 47.3 37.4 56.0

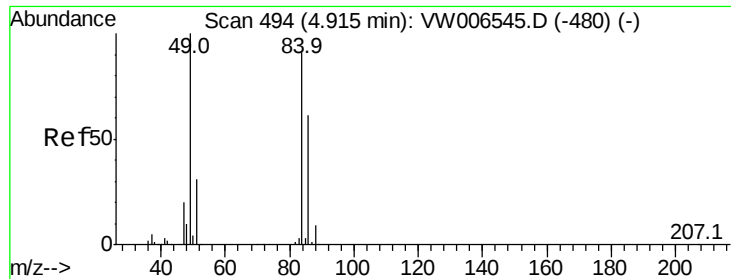


#16

Acetone
 Concen: 36.286 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.02 min
 Lab File: VW006740.D
 Acq: 07 Nov 2018 16:58

Tgt Ion: 43 Resp: 5752
 Ion Ratio Lower Upper
 43 100
 58 40.3 25.8 38.8#

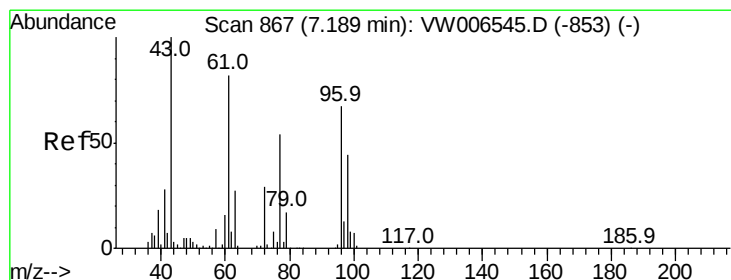
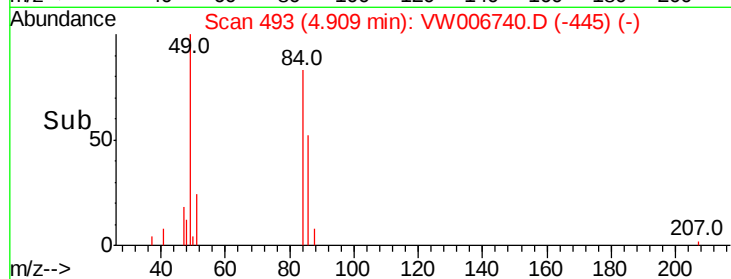
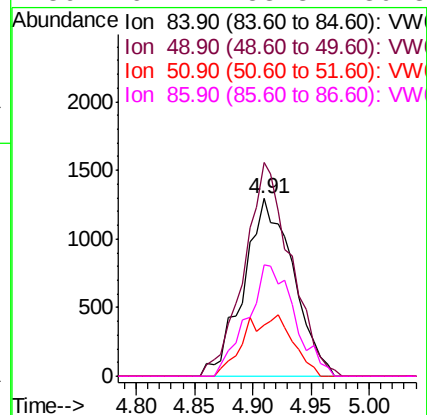
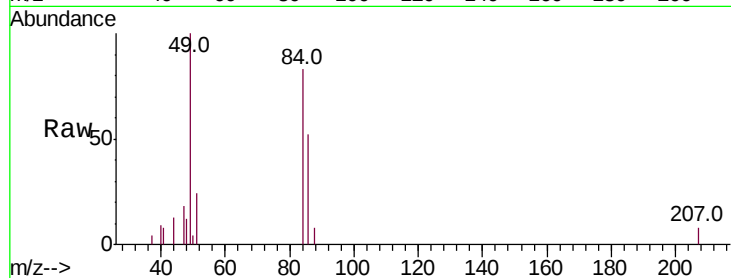




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006740.D
Acq: 07 Nov 2018 16:58

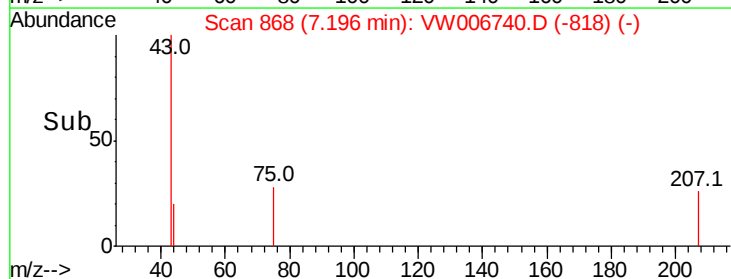
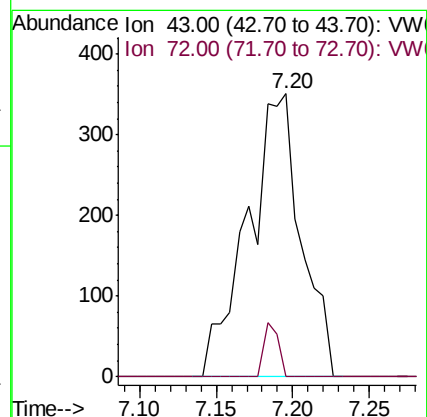
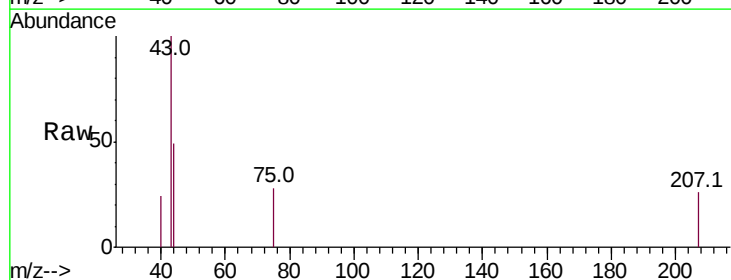
Instrument :
MSVOA_W
ClientSampled :

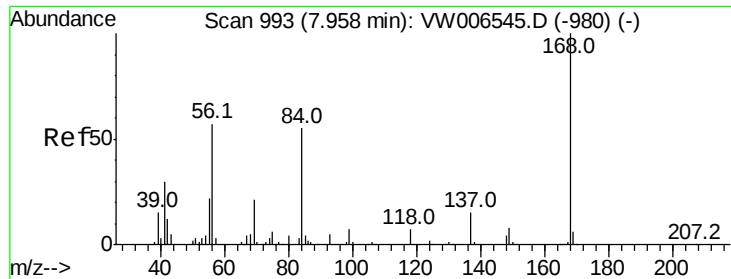
Tot Ion:	84	Resp:	3841
Ion	Ratio	Lower	Upper
84	100		
49	120.2	88.2	132.4
51	28.9	27.0	40.6
86	62.4	53.8	80.8



#25
2-Butanone
Concen: 3.780 ug/l
RT: 7.20 min Scan# 868
Delta R.T. 0.01 min
Lab File: VW006740.D
Acq: 07 Nov 2018 16:58

Tgt Ion:	43	Resp:	855
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.2	34.8#

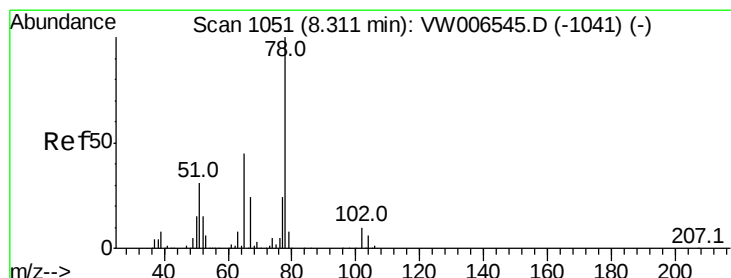
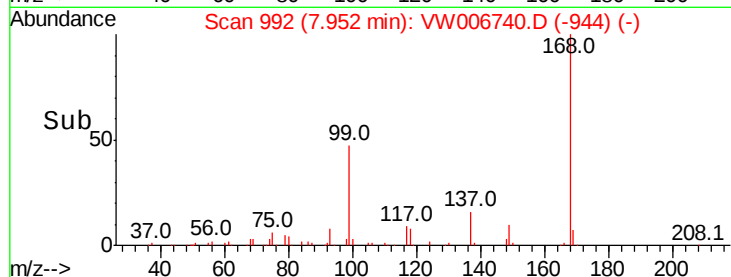
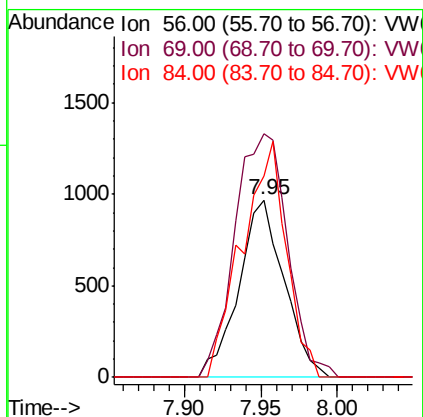
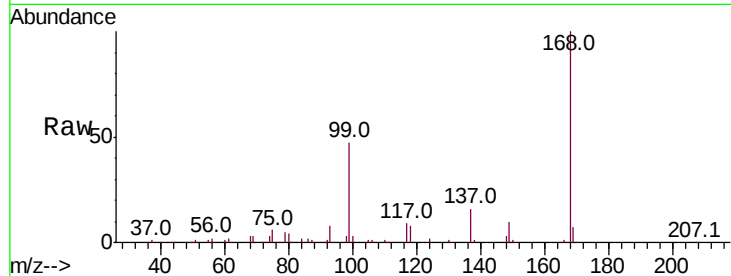




#31
Cyclohexane
Concen: 1.276 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006740.D
Acq: 07 Nov 2018 16:58

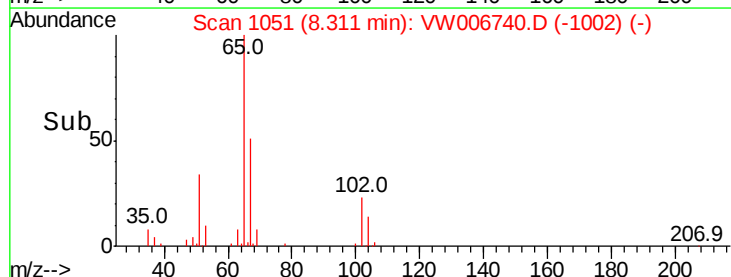
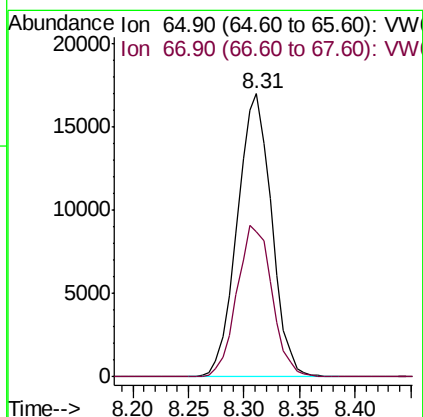
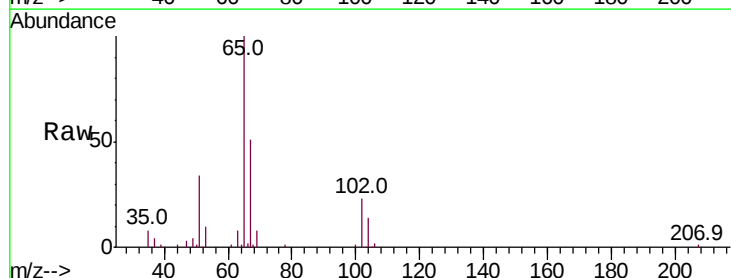
Instrument :
MSVOA_W
ClientSampleId :

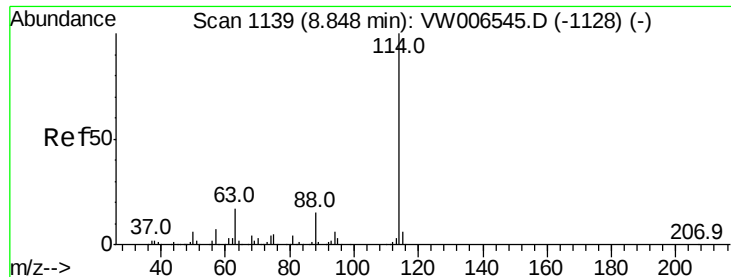
Tot Ion: 56 Resp: 1996
Ion Ratio Lower Upper
56 100
69 137.3 29.0 43.4#
84 113.3 77.8 116.6



#33
1,2-Dichloroethane-d4
Concen: 37.018 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006740.D
Acq: 07 Nov 2018 16:58

Tgt Ion: 65 Resp: 36346
Ion Ratio Lower Upper
65 100
67 54.4 0.0 104.4

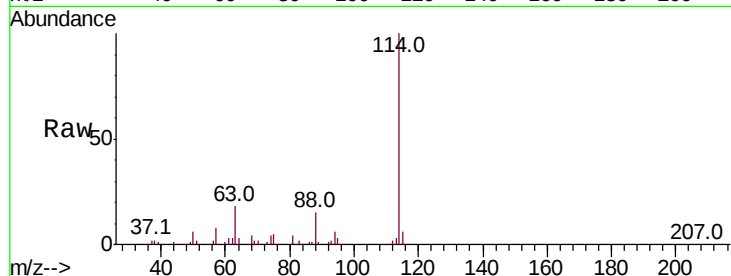




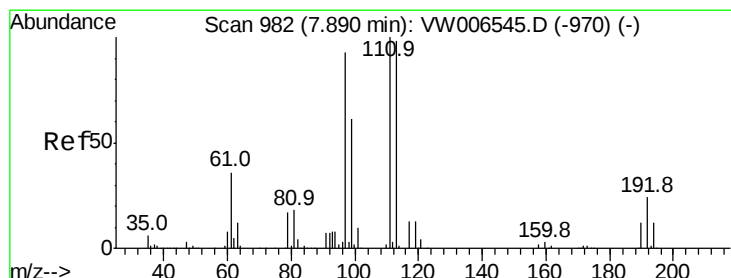
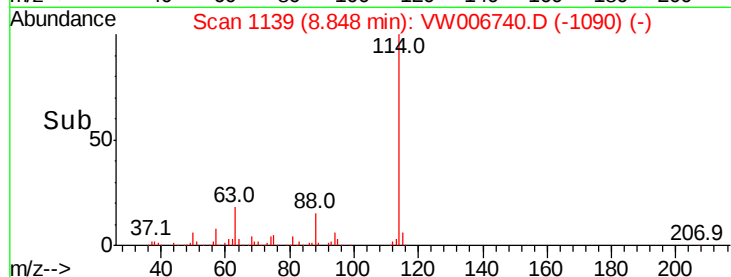
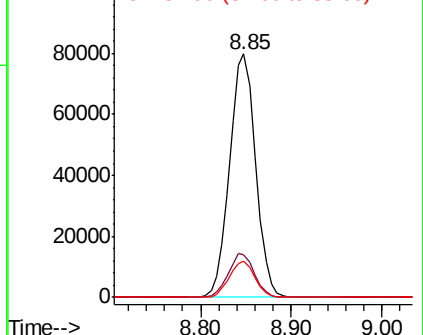
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006740.D
 Acq: 07 Nov 2018 16:58

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	34.4
88	15.1	0.0	29.0

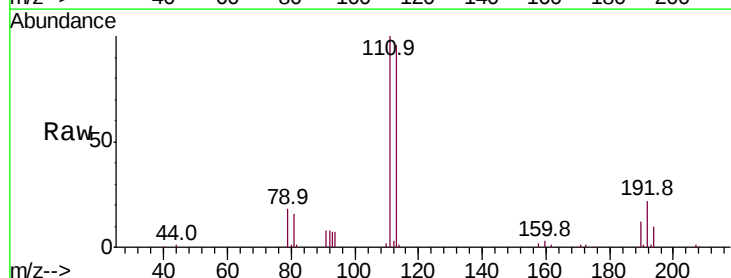


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

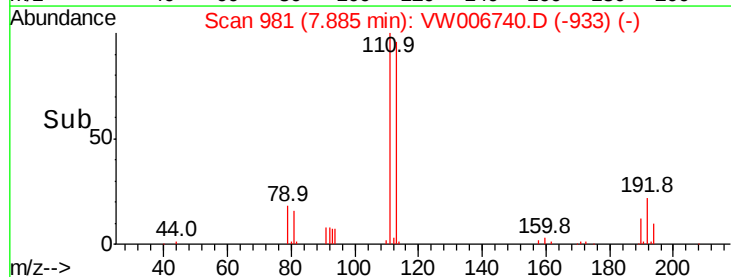
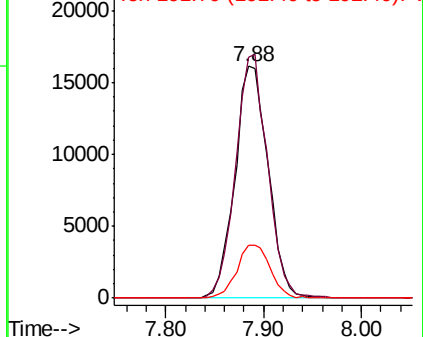


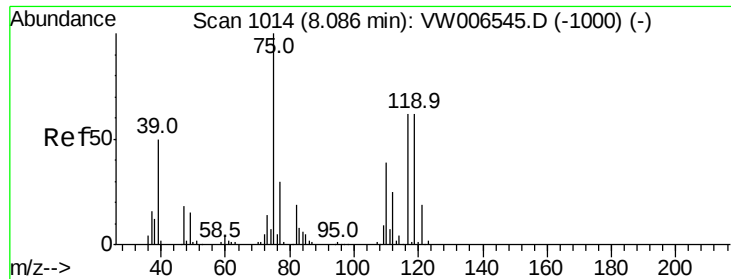
#35
 Dibromofluoromethane
 Concen: 38.193 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006740.D
 Acq: 07 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.2
192	22.9	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

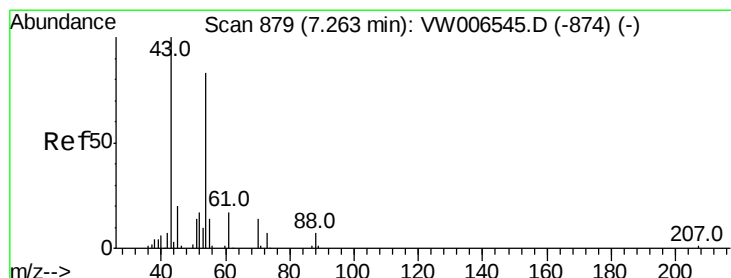
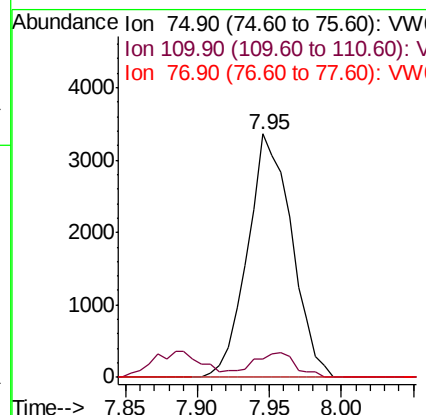
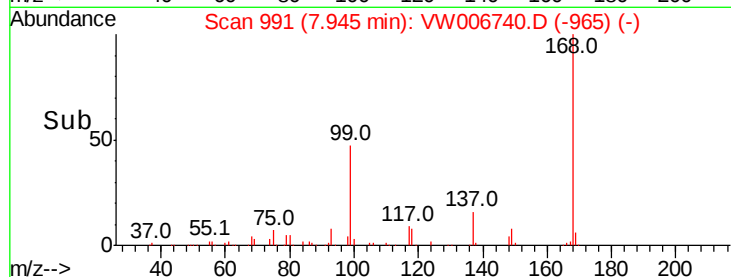
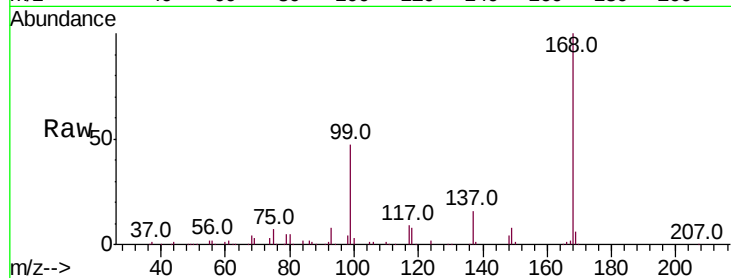




#36
 1,1-Dichloropropene
 Concen: 5.084 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006740.D
 Acq: 07 Nov 2018 16:58

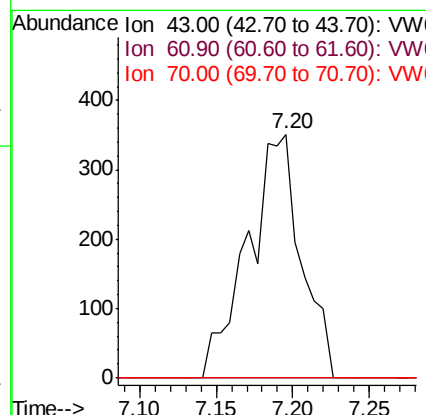
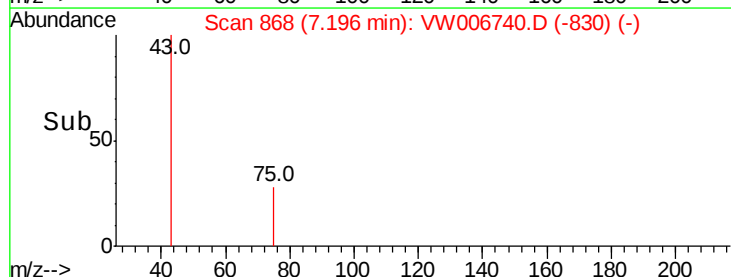
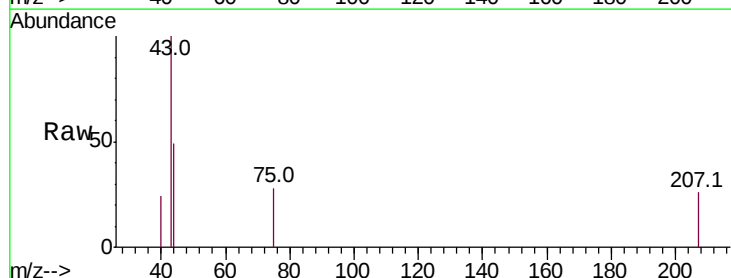
Instrument :
 MSVOA_W
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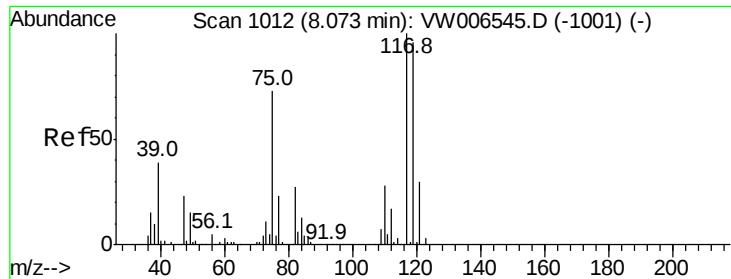
Tot Ion: 75 Resp: 7112
 Ion Ratio Lower Upper
 75 100
 110 9.9 19.5 58.5#
 77 0.0 24.6 37.0#



#37
 Ethyl Acetate
 Concen: 1.764 ug/l
 RT: 7.20 min Scan# 868
 Delta R.T. -0.07 min
 Lab File: VW006740.D
 Acq: 07 Nov 2018 16:58

Tgt Ion: 43 Resp: 855
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 0.0 9.8 14.6#





#38

Carbon Tetrachloride

Concen: 6.704 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006740.D

Acq: 07 Nov 2018 16:58

Instrument :
MSVOA_W
ClientSampled :

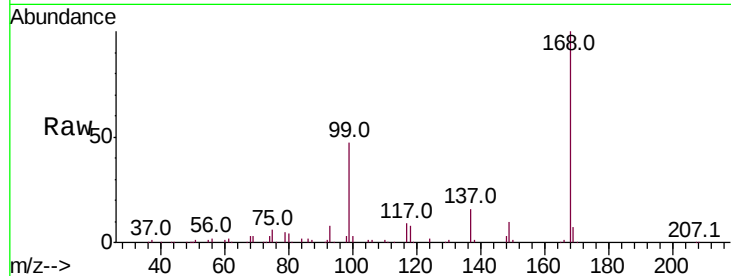
Tot Ion:117 Resp: 9801

Ion Ratio Lower Upper

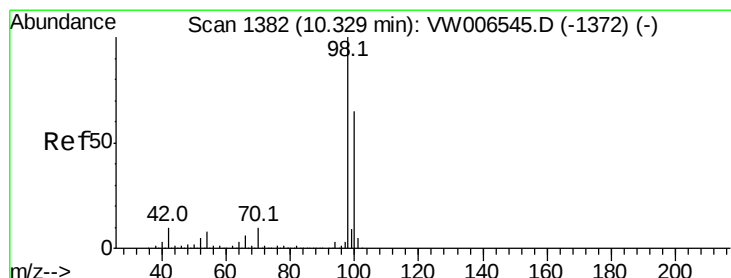
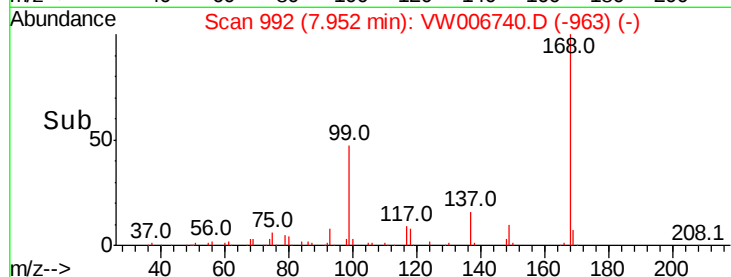
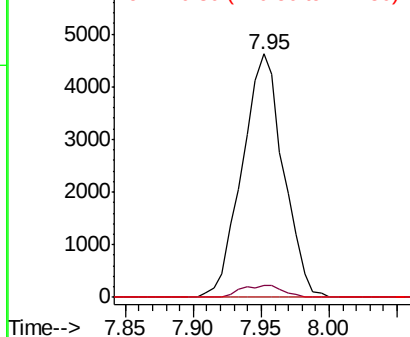
117 100

119 5.1 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: 34.763 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006740.D

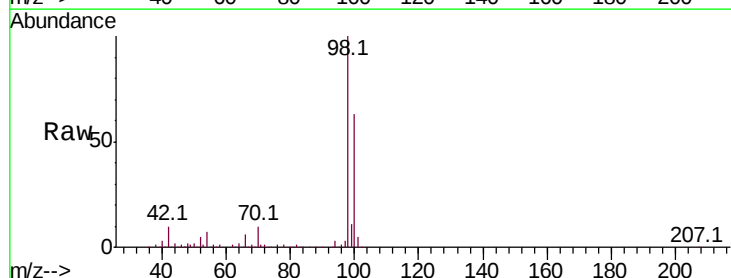
Acq: 07 Nov 2018 16:58

Tgt Ion: 98 Resp: 132124

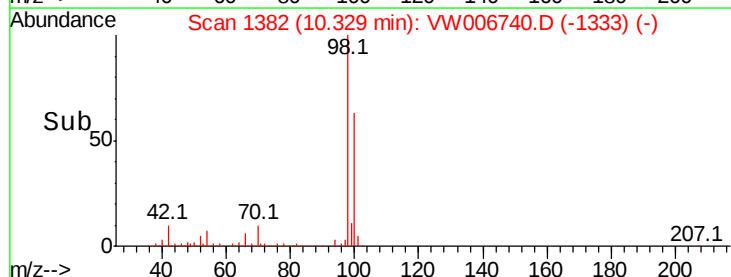
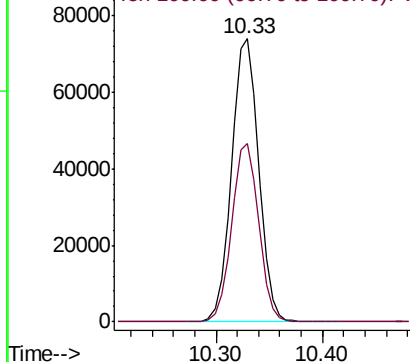
Ion Ratio Lower Upper

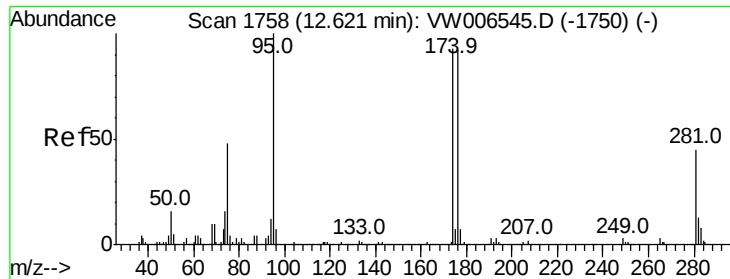
98 100

100 62.6 51.6 77.4



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

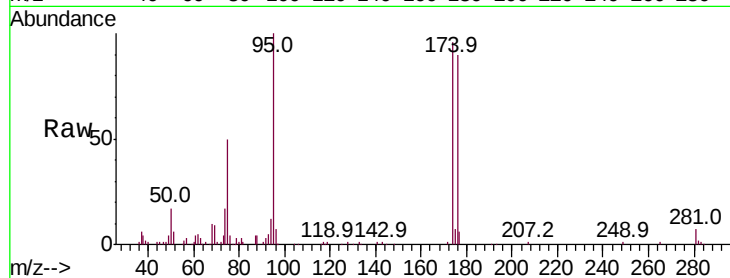




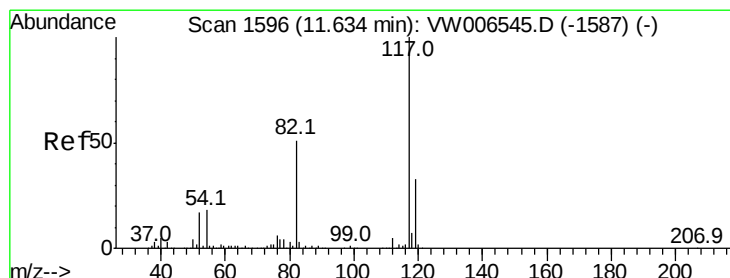
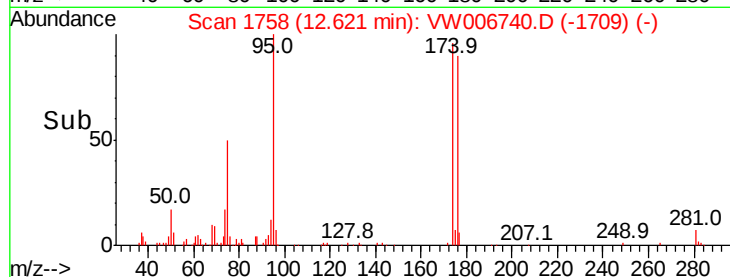
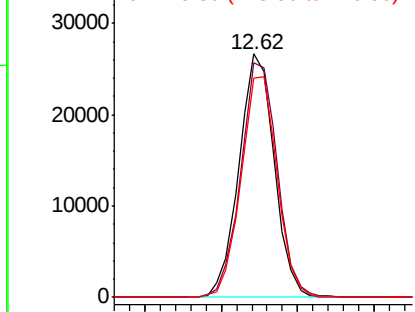
#62
4-Bromofluorobenzene
Concen: 30.924 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006740.D
Acq: 07 Nov 2018 16:58

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
95	100		
174	99.9	0.0	192.4
176	93.1	0.0	187.4

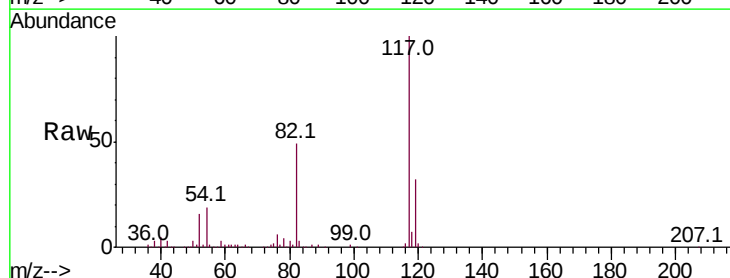


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

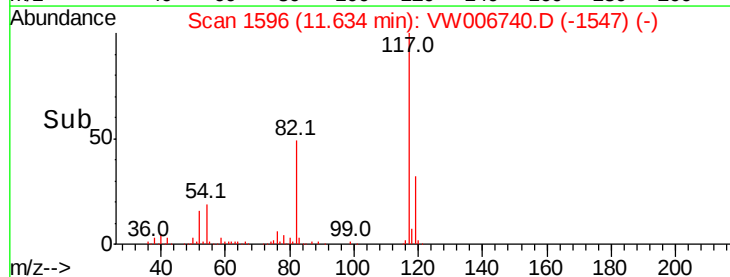
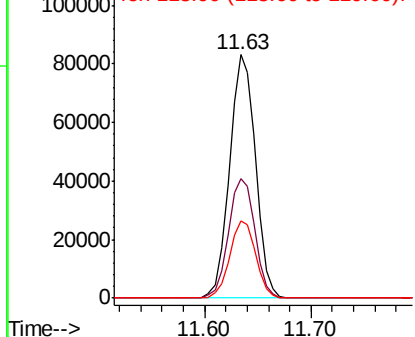


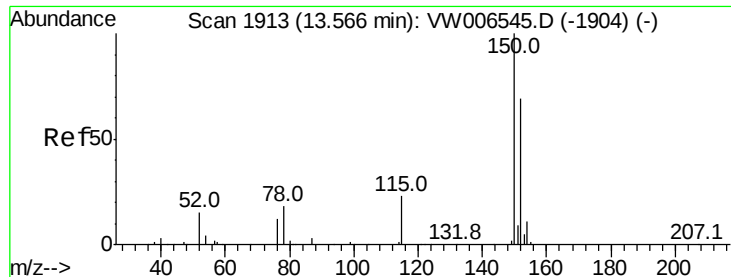
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006740.D
Acq: 07 Nov 2018 16:58

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.1	40.8	61.2
119	31.6	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

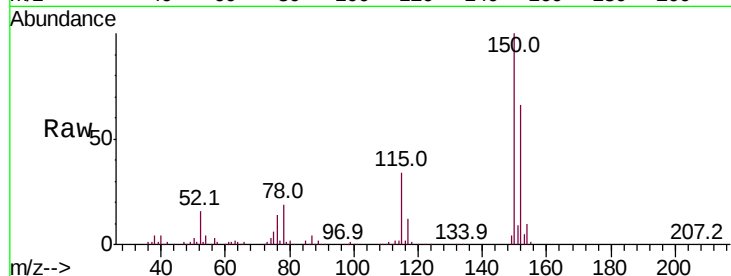




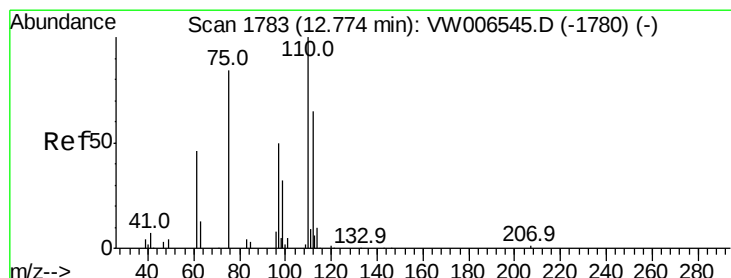
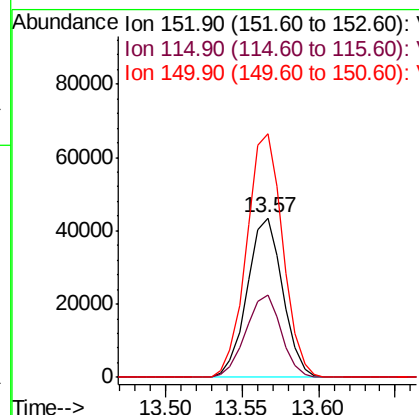
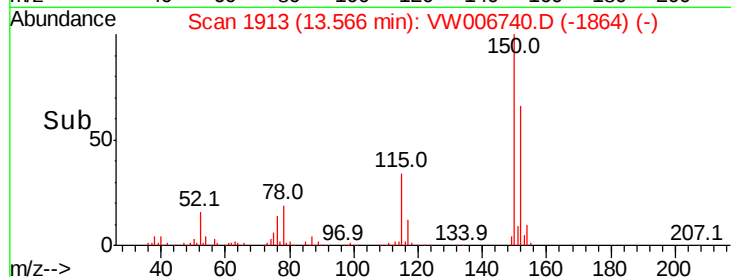
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW006740.D
 Acq: 07 Nov 2018 16:58

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:152 Resp: 70215
 Ion Ratio Lower Upper
 152 100
 115 51.6 26.6 79.8
 150 155.3 0.0 344.6

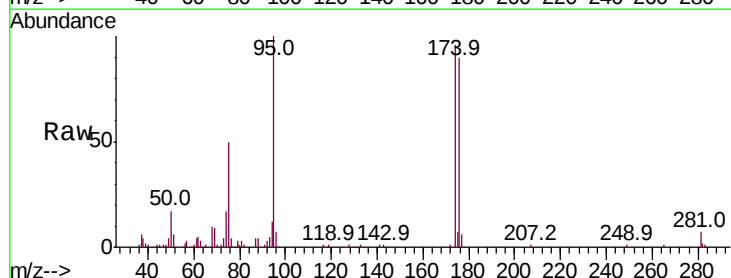


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

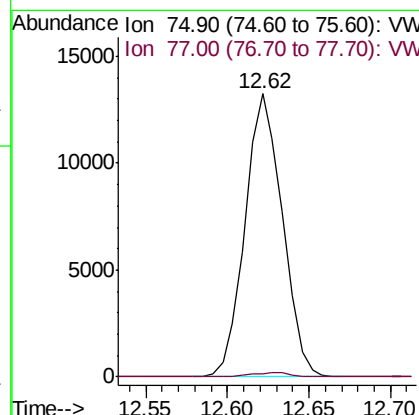
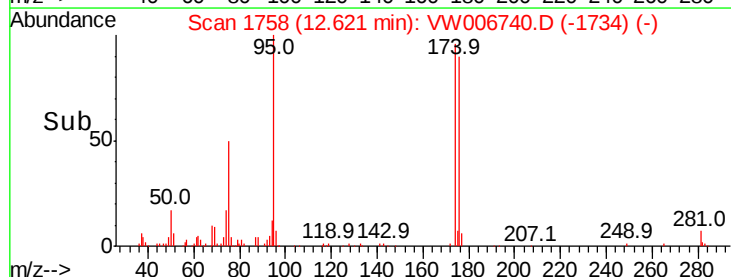


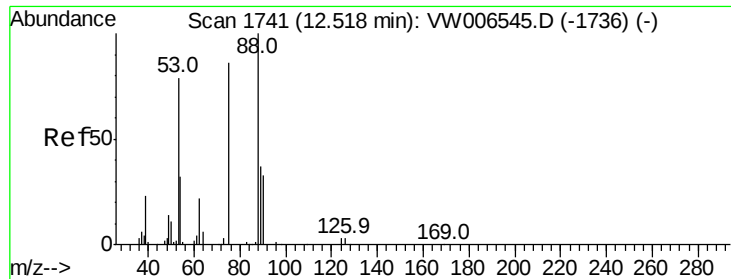
#76
 1,2,3-Trichloropropane
 Concen: 38.532 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006740.D
 Acq: 07 Nov 2018 16:58

Tgt Ion: 75 Resp: 21109
 Ion Ratio Lower Upper
 75 100
 77 1.4 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: 97.136 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006740.D

Acq: 07 Nov 2018 16:58

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 21109

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#

