

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006739.D
 Acq On : 07 Nov 2018 16:33
 Operator : SY/AP
 Sample : J5819-05RE
 Misc : 3.34G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 09 09:48:41 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

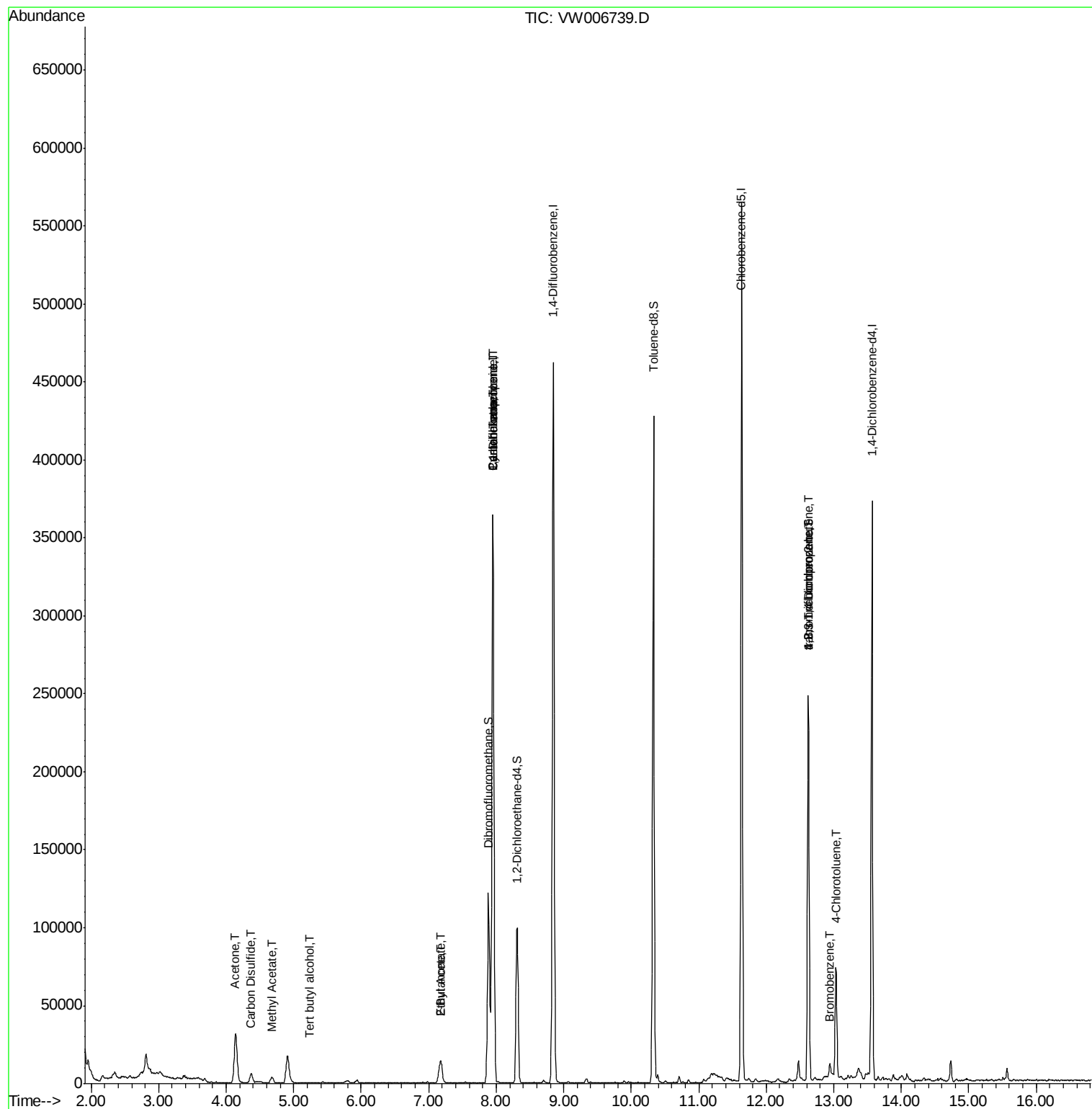
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	302338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	423005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331448	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	107531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	81140	31.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.44%	
35) Dibromofluoromethane	7.88	113	86484	32.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.16%	
50) Toluene-d8	10.33	98	297222	29.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.82%	
62) 4-Bromofluorobenzene	12.62	95	75075	20.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.98%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.23	59	636	4.542	ug/l #	84
16) Acetone	4.14	43	61699	147.047	ug/l	100
17) Carbon Disulfide	4.37	76	13437	1.915	ug/l	100
18) Methyl Acetate	4.68	43	7005	5.806	ug/l	95
20) Methylene Chloride	4.91	84	14177	Below Cal		95
25) 2-Butanone	7.18	43	18424	30.772	ug/l	90
31) Cyclohexane	7.95	56	5550	1.341	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	18712	5.030	ug/l #	47
37) Ethyl Acetate	7.18	43	18424	14.292	ug/l #	68
38) Carbon Tetrachloride	7.95	117	26193	6.739	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	36724	43.772	ug/l #	100
77) Bromobenzene	12.93	156	2612	1.424	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	36724	109.985	ug/l #	11
82) 4-Chlorotoluene	13.04	91	9218	1.863	ug/l #	38

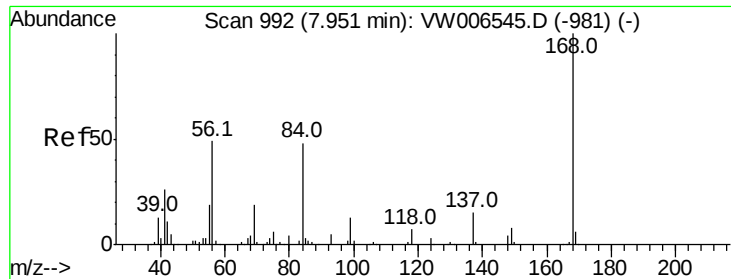
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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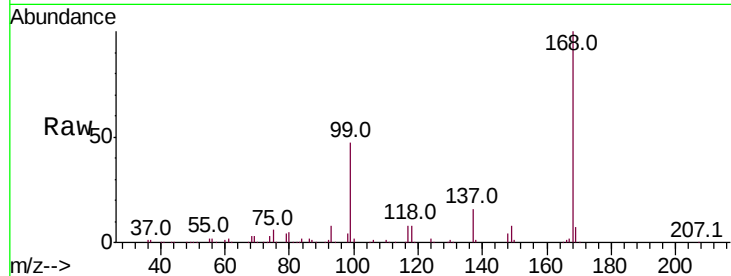


#1

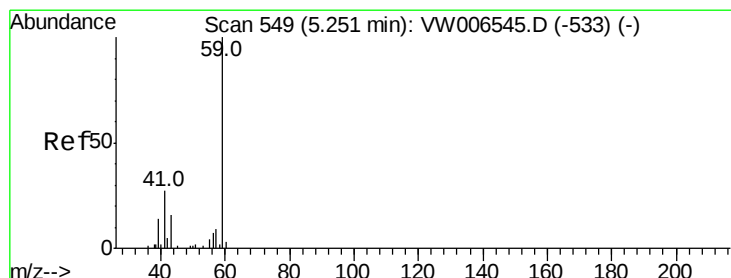
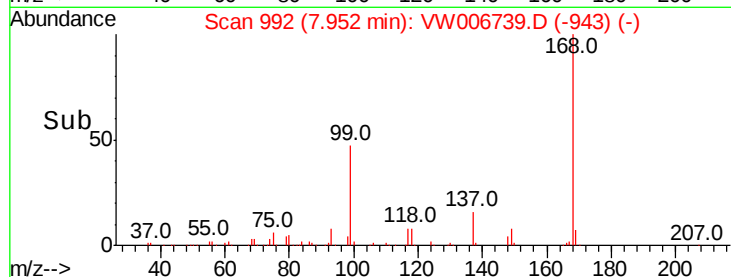
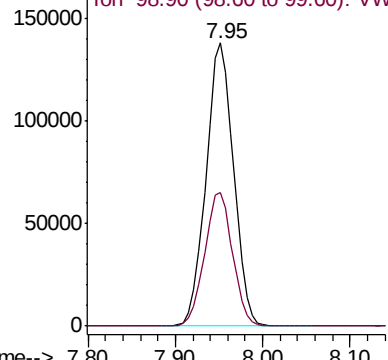
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW006739.D
 Acq: 07 Nov 2018 16:33

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:168 Resp: 302338
 Ion Ratio Lower Upper
 168 100
 99 47.1 37.4 56.0



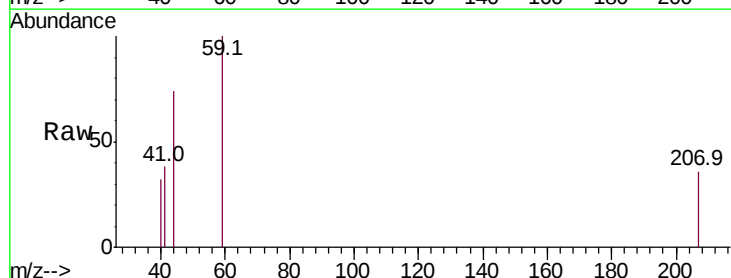
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VW



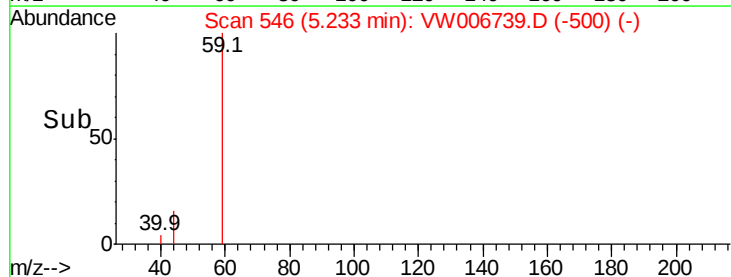
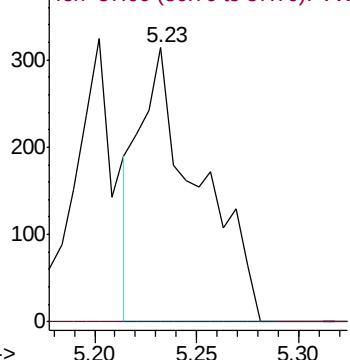
#11

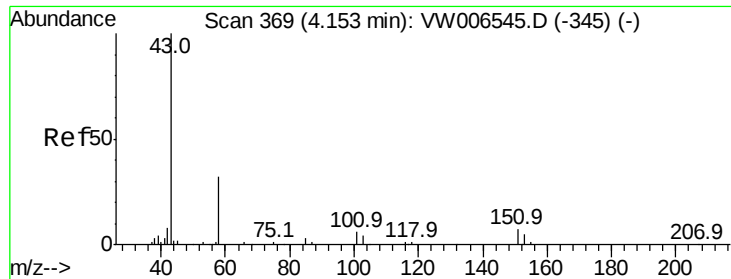
Tert butyl alcohol
 Concen: 4.542 ug/l
 RT: 5.23 min Scan# 546
 Delta R.T. -0.02 min
 Lab File: VW006739.D
 Acq: 07 Nov 2018 16:33

Tgt Ion: 59 Resp: 636
 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





#16

Acetone

Concen: 147.047 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006739.D

Acq: 07 Nov 2018 16:33

Instrument :

MSVOA_W

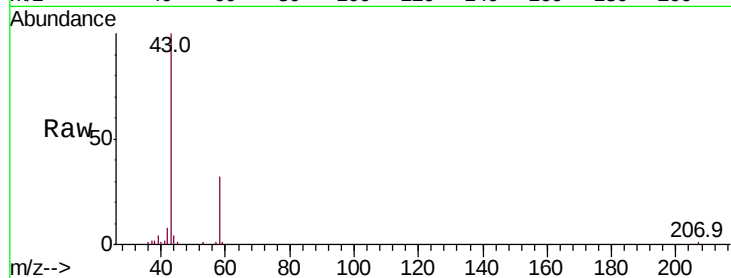
ClientSampled :

Tot Ion: 43 Resp: 61699

Ion Ratio Lower Upper

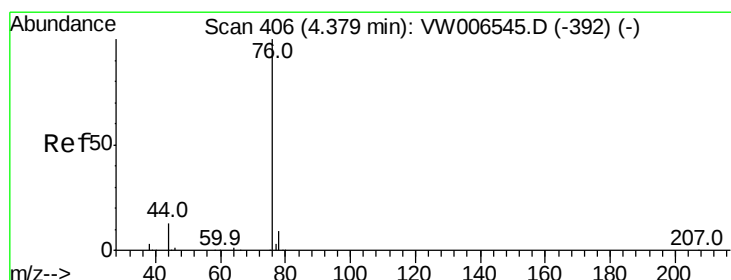
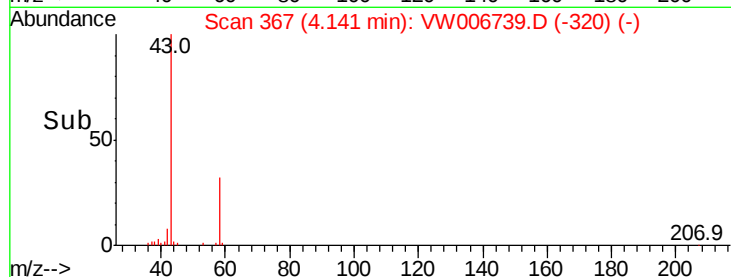
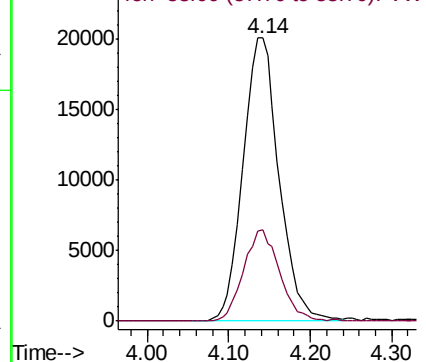
43 100

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



#17

Carbon Disulfide

Concen: 1.915 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006739.D

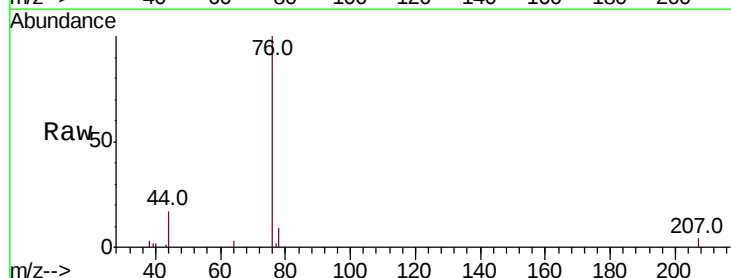
Acq: 07 Nov 2018 16:33

Tgt Ion: 76 Resp: 13437

Ion Ratio Lower Upper

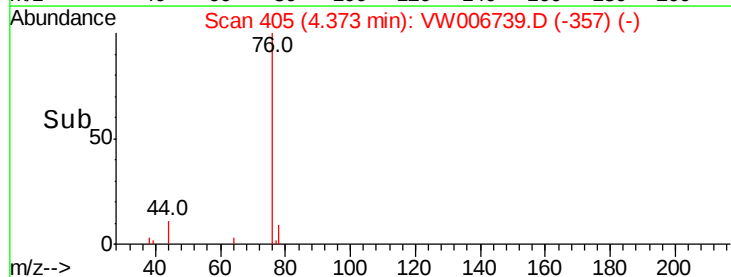
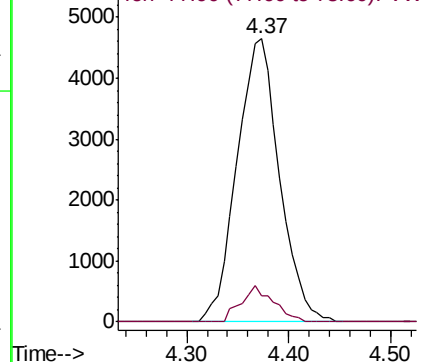
76 100

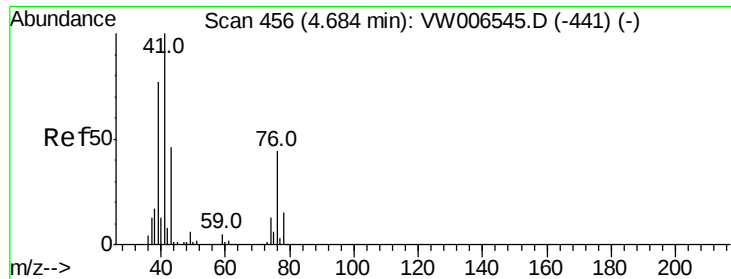
78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

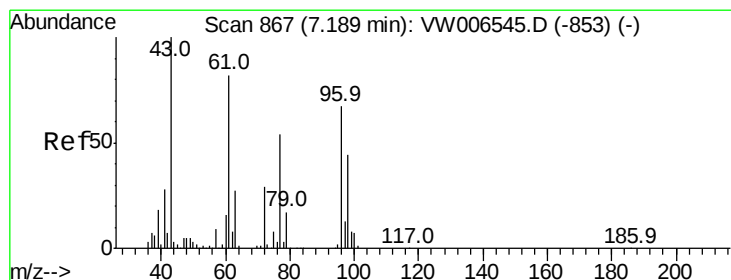
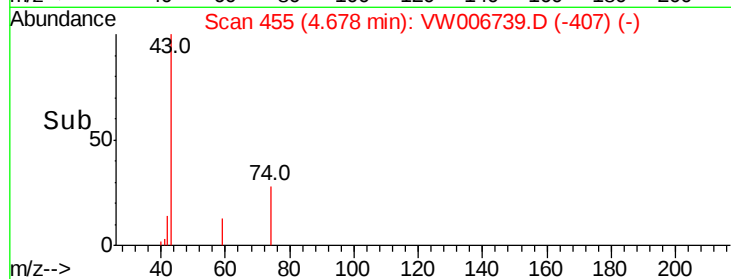
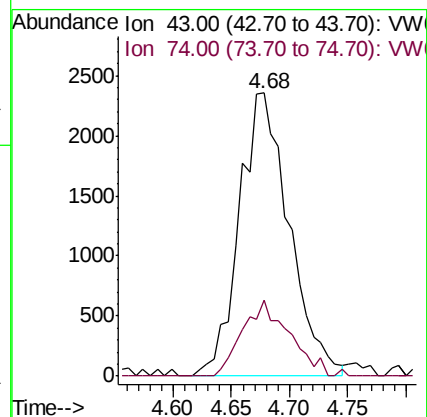
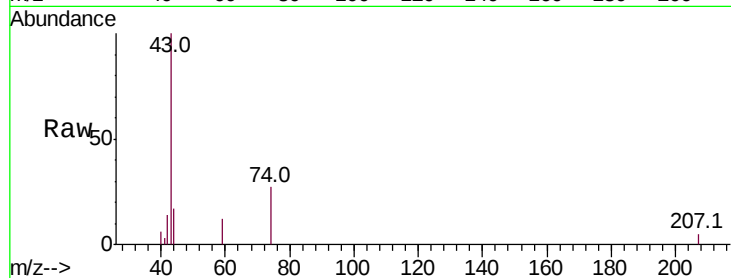




#18
Methvl Acetate
Concen: 5.806 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006739.D
Acq: 07 Nov 2018 16:33

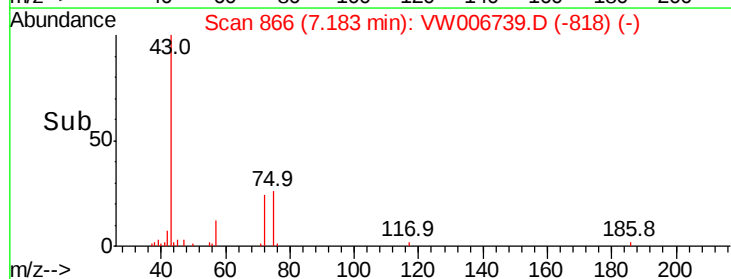
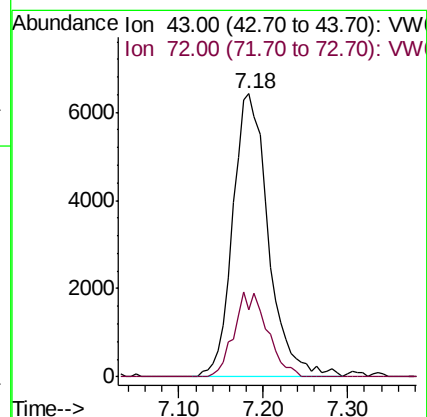
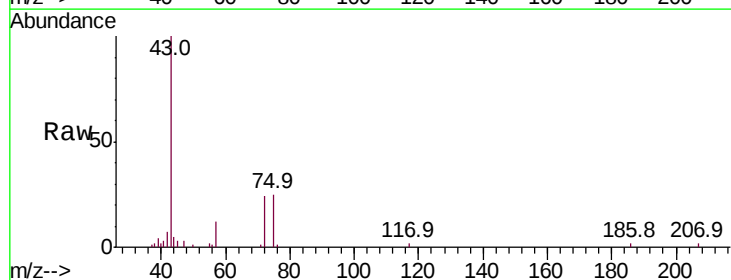
Instrument :
MSVOA_W
ClientSampled :

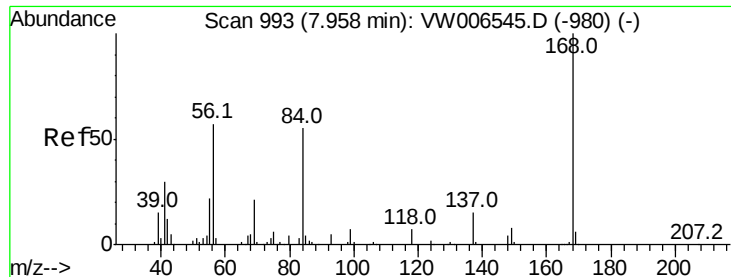
Tot Ion: 43 Resp: 7005
Ion Ratio Lower Upper
43 100
74 24.9 21.9 32.9



#25
2-Butanone
Concen: 30.772 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: VW006739.D
Acq: 07 Nov 2018 16:33

Tgt Ion: 43 Resp: 18424
Ion Ratio Lower Upper
43 100
72 23.9 23.2 34.8

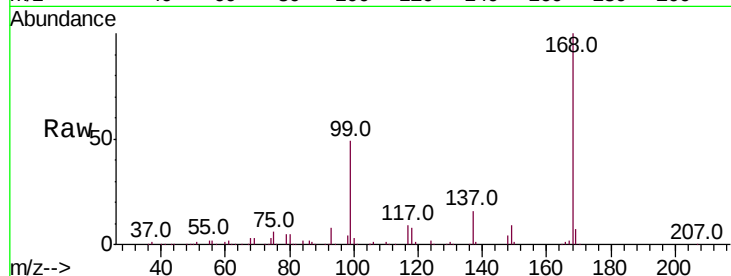




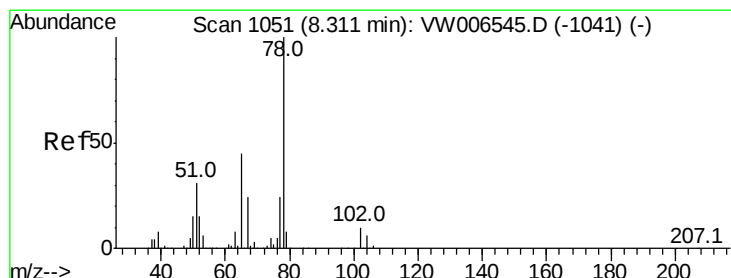
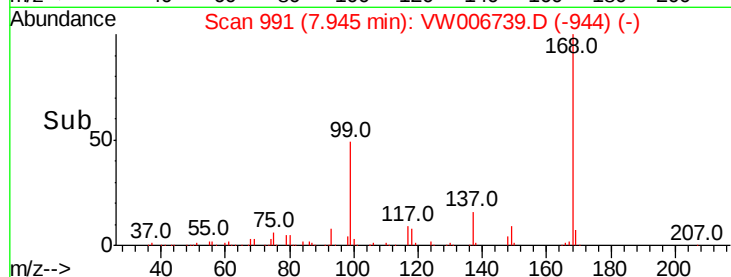
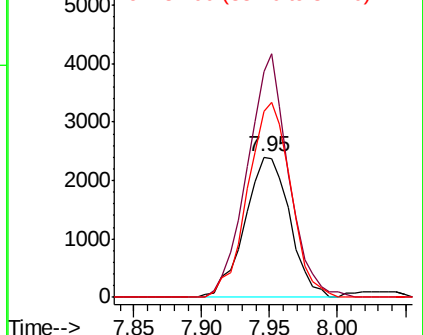
#31
Cyclohexane
Concen: 1.341 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006739.D
Acq: 07 Nov 2018 16:33

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 5550
Ion Ratio Lower Upper
56 100
69 160.4 29.0 43.4#
84 132.6 77.8 116.6#

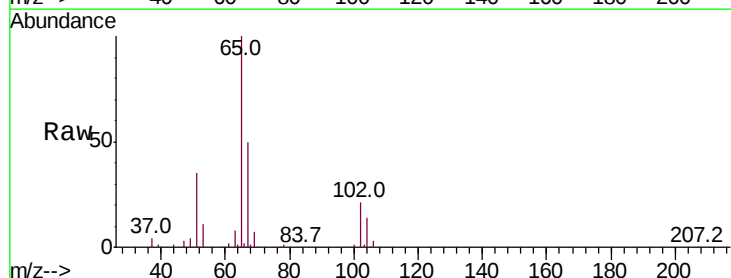


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

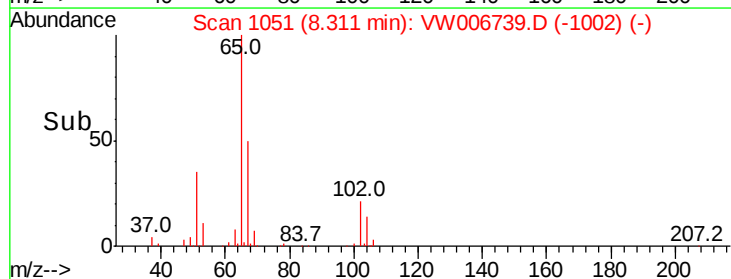
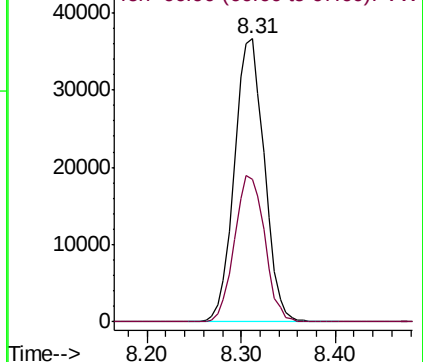


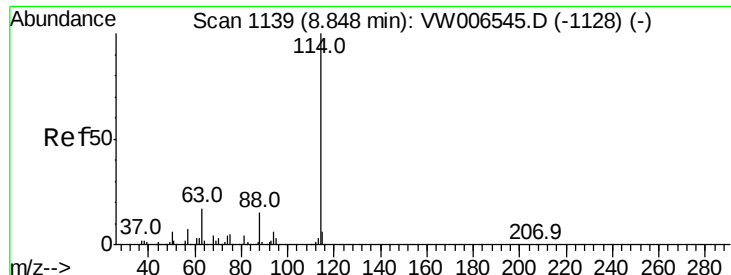
#33
1,2-Dichloroethane-d4
Concen: 31.221 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006739.D
Acq: 07 Nov 2018 16:33

Tgt Ion: 65 Resp: 81140
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.4



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

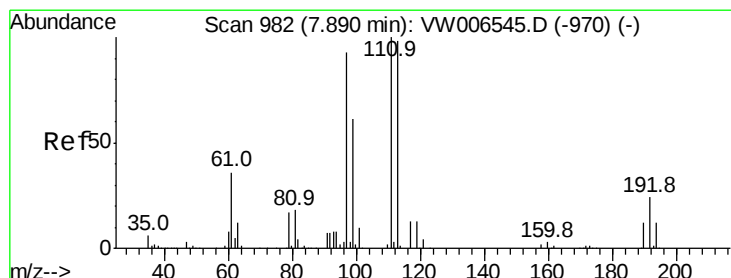
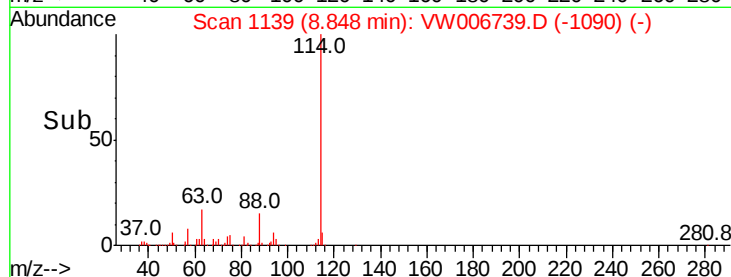
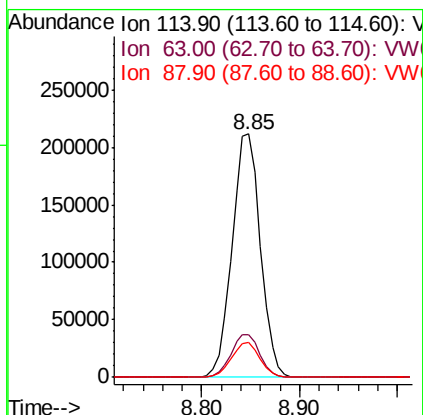
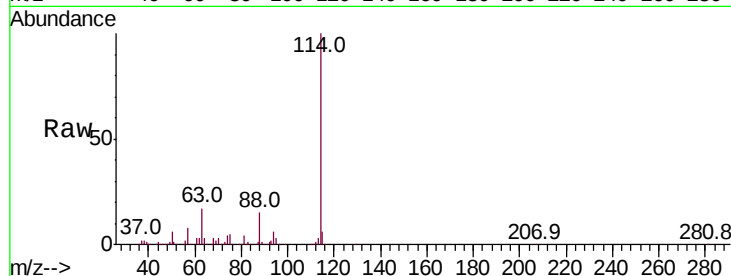




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006739.D
 Acq: 07 Nov 2018 16:33

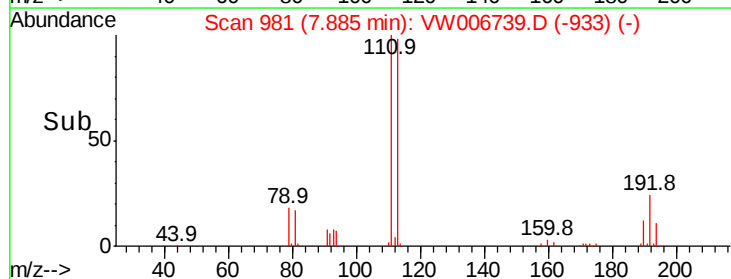
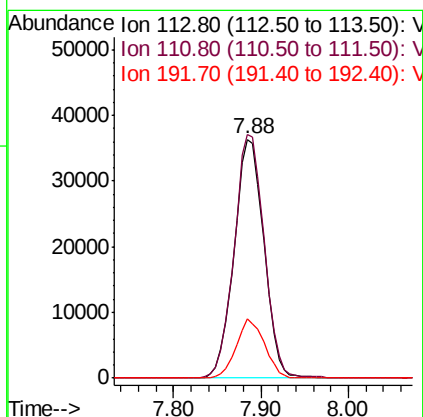
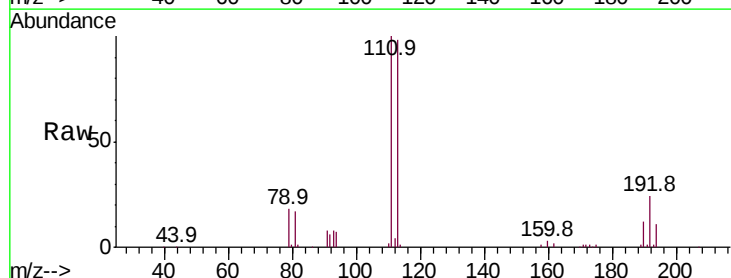
Instrument :
 MSVOA_W
 ClientSampled :

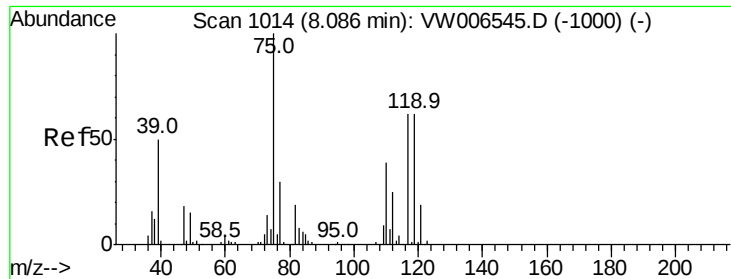
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	34.4
88	14.6	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 32.578 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006739.D
 Acq: 07 Nov 2018 16:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	23.4	19.0	28.6





#36

1,1-Dichloropropene

Concen: 5.030 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006739.D

Acq: 07 Nov 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

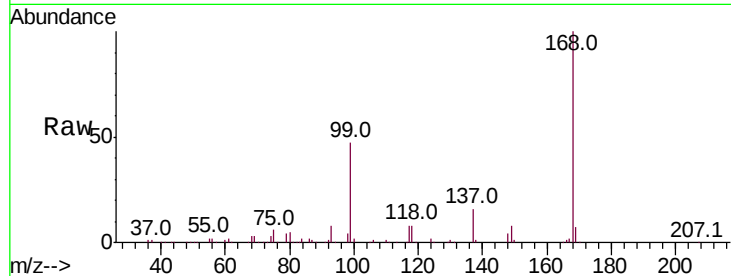
Tot Ion: 75 Resp: 18712

Ion Ratio Lower Upper

75 100

110 8.5 19.5 58.5#

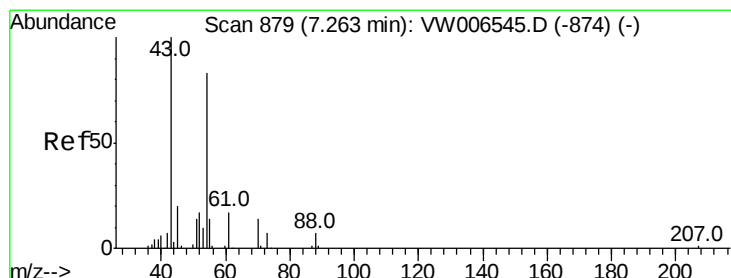
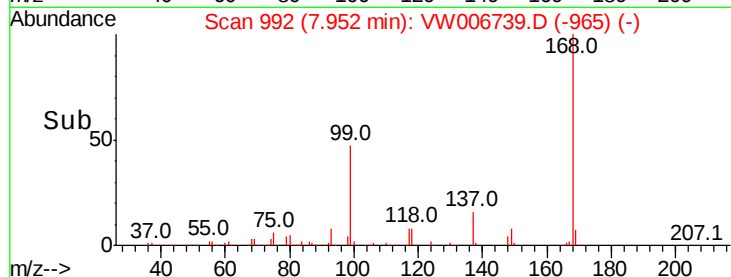
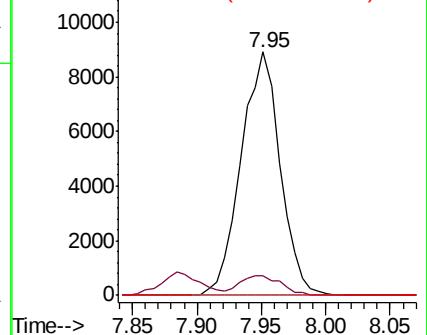
77 0.0 24.6 37.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 14.292 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.08 min

Lab File: VW006739.D

Acq: 07 Nov 2018 16:33

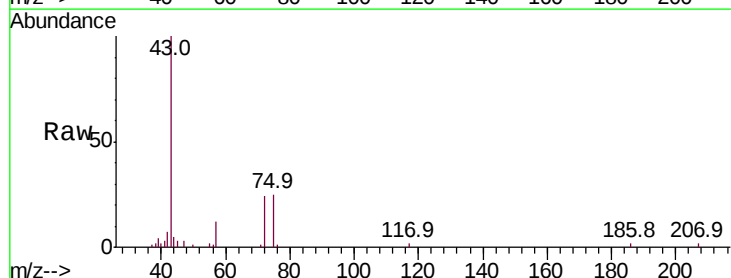
Tgt Ion: 43 Resp: 18424

Ion Ratio Lower Upper

43 100

61 1.7 12.1 18.1#

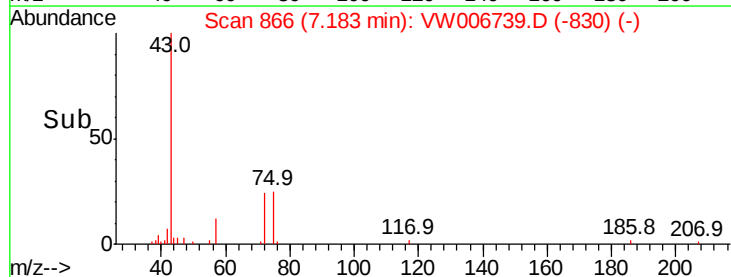
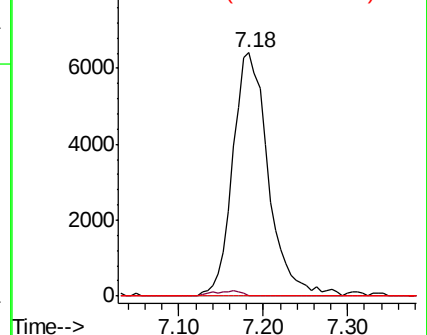
70 0.0 9.8 14.6#

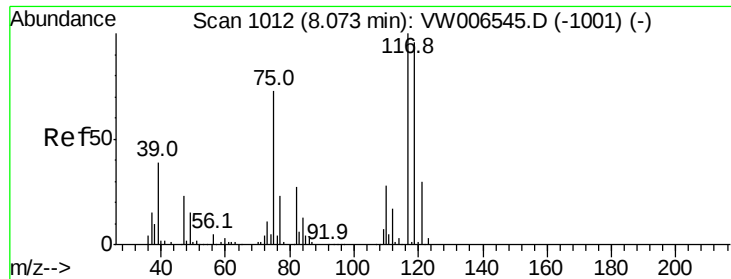


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW





#38

Carbon Tetrachloride

Concen: 6.739 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006739.D

Acq: 07 Nov 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

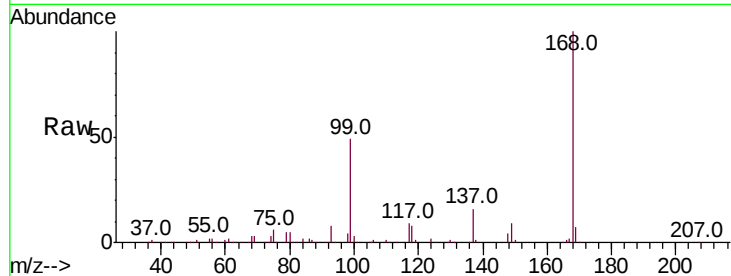
Tot Ion:117 Resp: 26193

Ion Ratio Lower Upper

117 100

119 6.2 76.3 114.5#

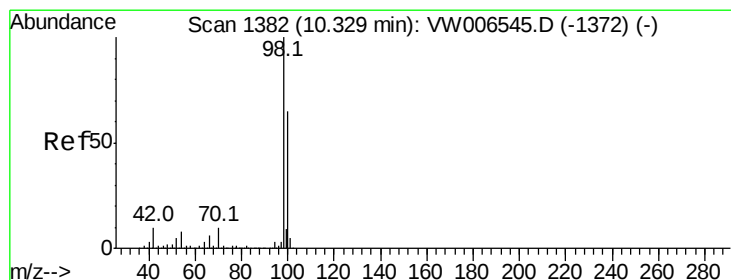
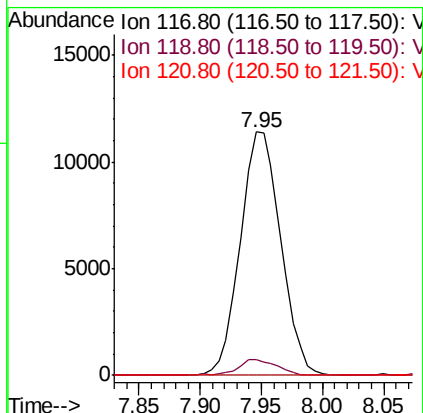
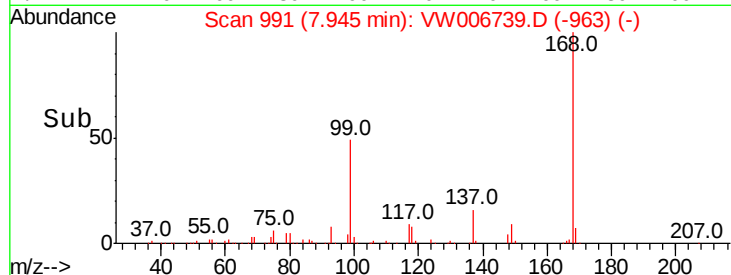
121 0.0 24.1 36.1#



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: 29.411 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006739.D

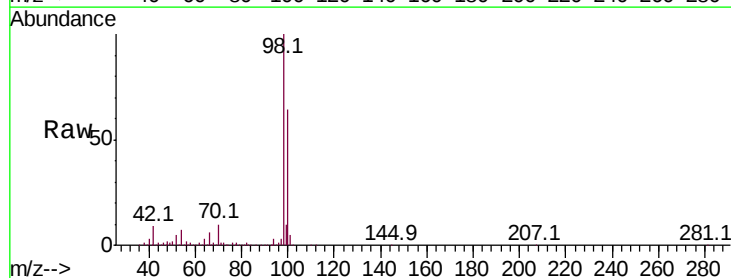
Acq: 07 Nov 2018 16:33

Tgt Ion: 98 Resp: 297222

Ion Ratio Lower Upper

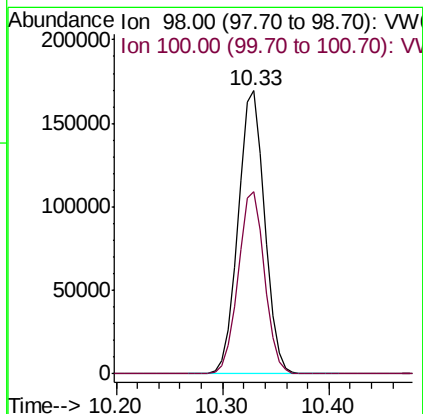
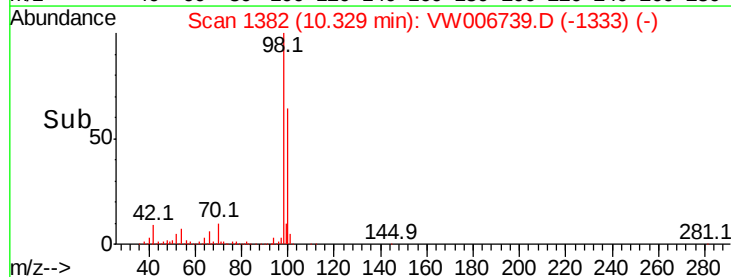
98 100

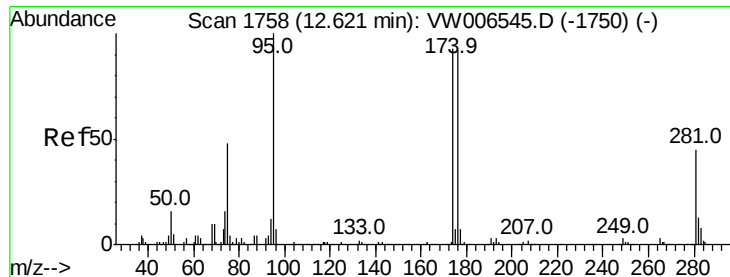
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

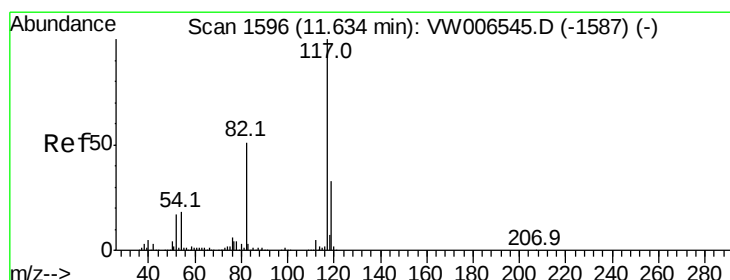
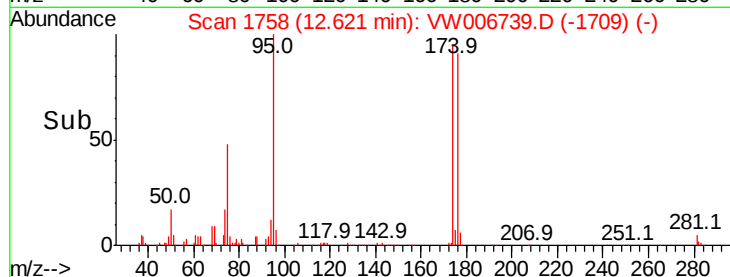
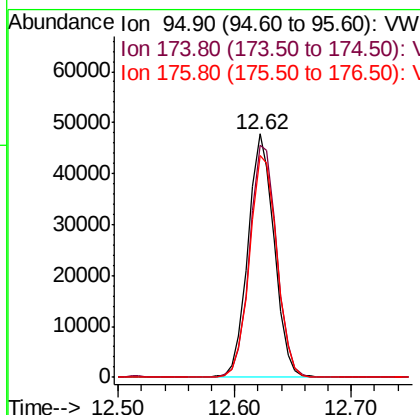
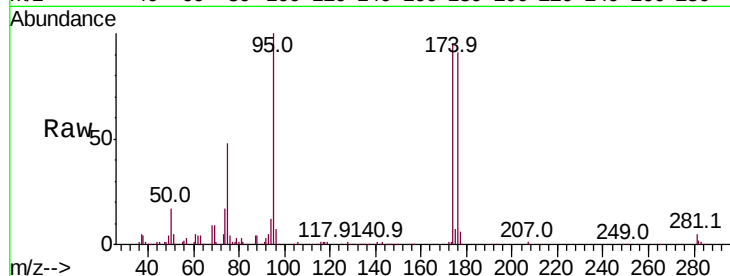




#62
4-Bromofluorobenzene
Concen: 20.491 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006739.D
Acq: 07 Nov 2018 16:33

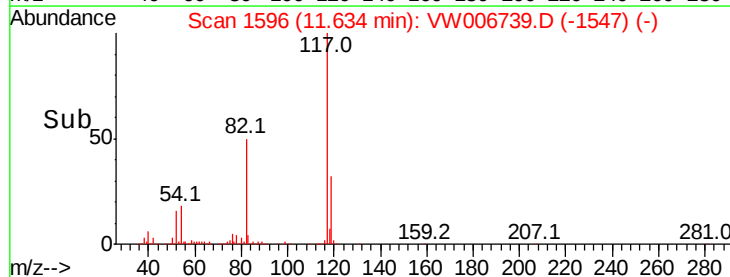
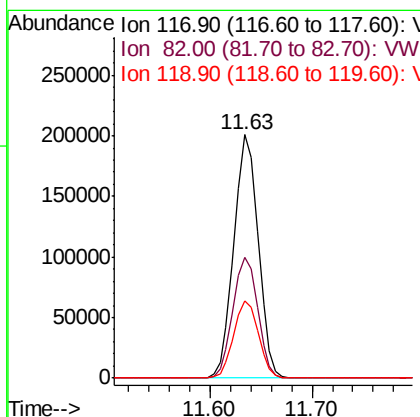
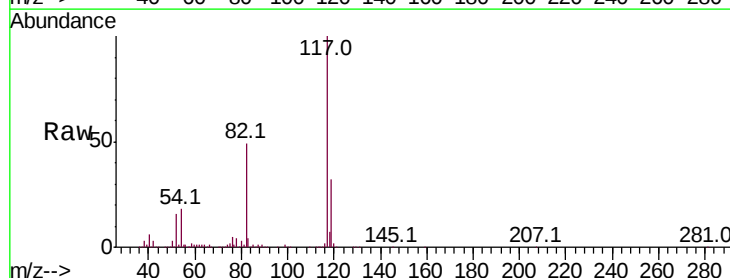
Instrument :
MSVOA_W
ClientSampleId :

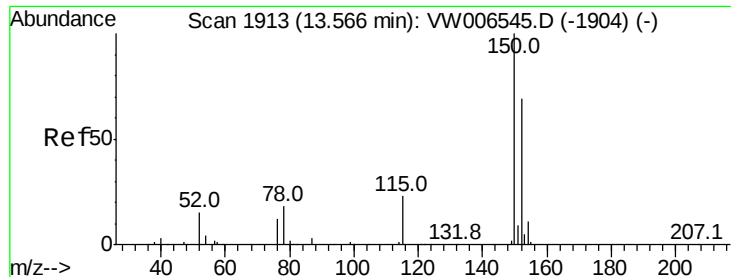
Tot Ion: 95 Resp: 75075
Ion Ratio Lower Upper
95 100
174 98.7 0.0 192.4
176 94.7 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006739.D
Acq: 07 Nov 2018 16:33

Tgt Ion: 117 Resp: 331448
Ion Ratio Lower Upper
117 100
82 49.5 40.8 61.2
119 31.6 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: VW006739.D

Acq: 07 Nov 2018 16:33

Instrument :

MSVOA_W

ClientSampleId :

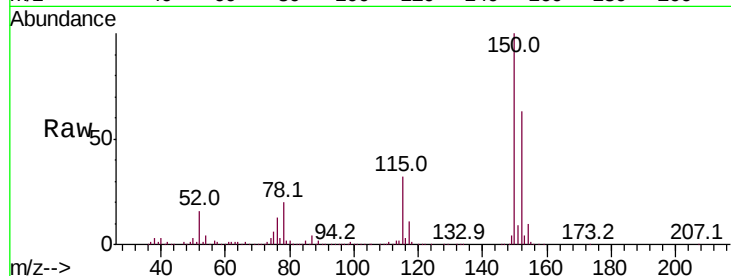
Tot Ion:152 Resp: 107531

Ion Ratio Lower Upper

152 100

115 53.6 26.6 79.8

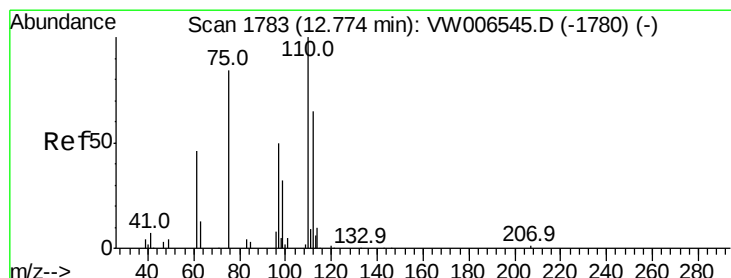
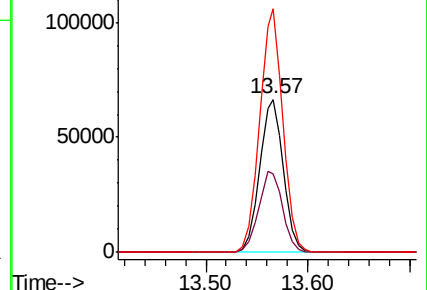
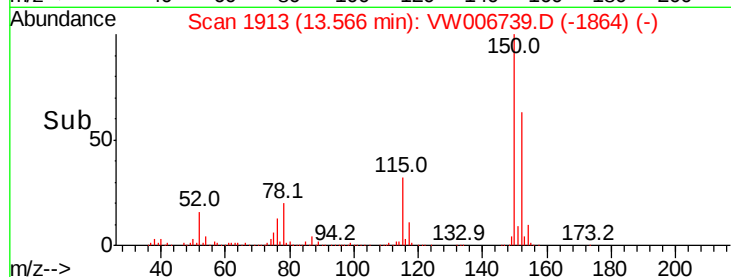
150 155.7 0.0 344.6



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: 43.772 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006739.D

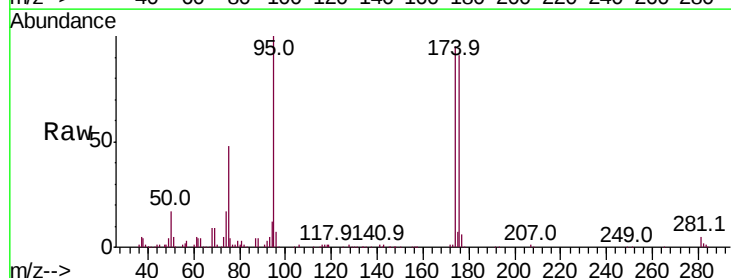
Acq: 07 Nov 2018 16:33

Tgt Ion: 75 Resp: 36724

Ion Ratio Lower Upper

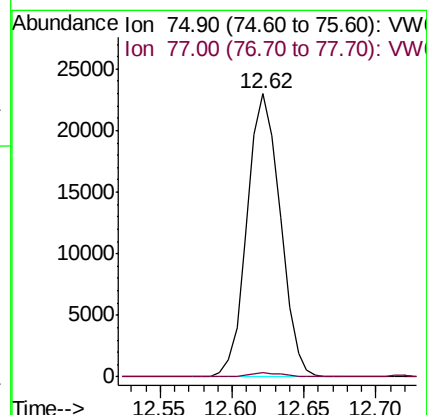
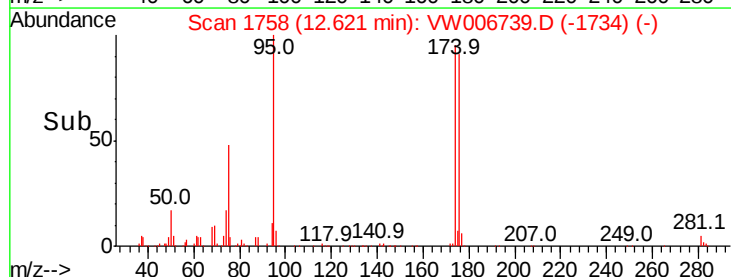
75 100

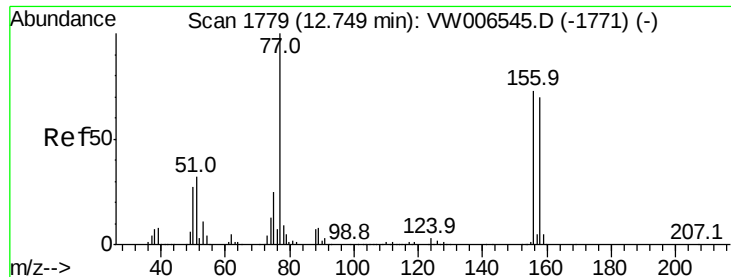
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 1.424 ug/l

RT: 12.93 min Scan# 1808

Delta R.T. 0.18 min

Lab File: VW006739.D

Acq: 07 Nov 2018 16:33

Instrument :

MSVOA_W

ClientSampled :

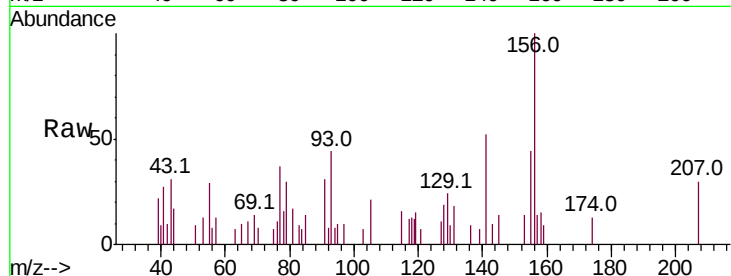
Tot Ion:156 Resp: 2612

Ion Ratio Lower Upper

156 100

77 0.0 75.9 227.8#

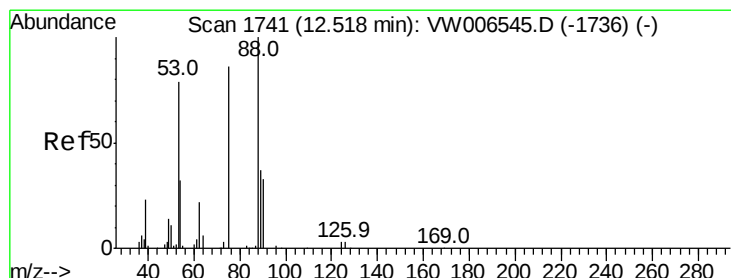
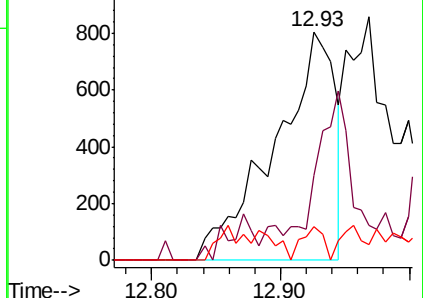
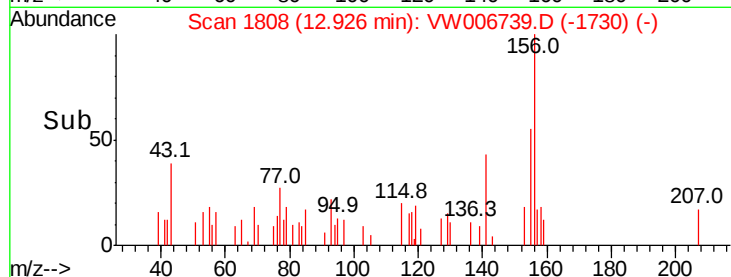
158 5.1 48.6 145.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 109.985 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006739.D

Acq: 07 Nov 2018 16:33

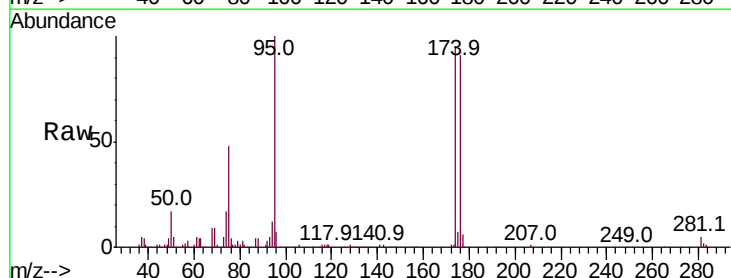
Tgt Ion: 75 Resp: 36724

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

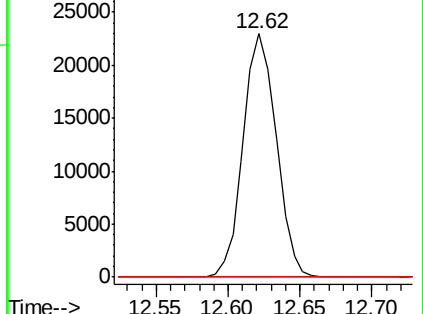
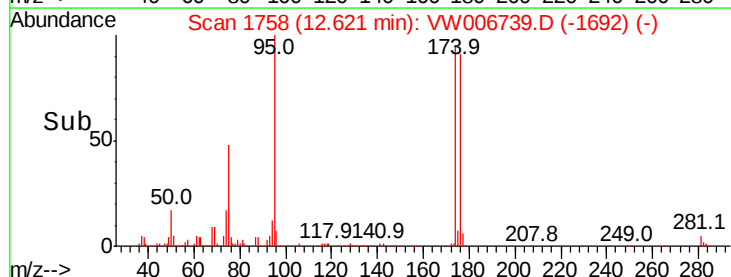
89 0.0 38.6 58.0#

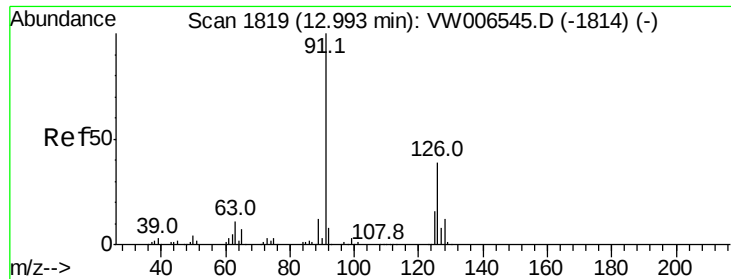


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#82
 4-Chlorotoluene
 Concen: 1.863 ug/l
 RT: 13.04 min Scan# 1826
 Delta R.T. 0.04 min
 Lab File: VW006739.D
 Acq: 07 Nov 2018 16:33

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 91 Resp: 9218
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.5 55.5#

