

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007511.D
 Acq On : 14 Dec 2018 03:16
 Operator : SY/AP
 Sample : J6340-05RE
 Misc : 5.18G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-04ARE

Quant Time: Dec 14 04:31:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	31074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	55626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	42200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	10044	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	20212	58.63	ug/l	0.00
Spiked Amount			Recovery	=	117.26%	
35) Dibromofluoromethane	7.88	113	17424	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
50) Toluene-d8	10.32	98	43719	34.63	ug/l	0.00
Spiked Amount			Recovery	=	69.26%	
62) 4-Bromofluorobenzene	12.62	95	11907	25.65	ug/l	0.00
Spiked Amount			Recovery	=	51.30%	

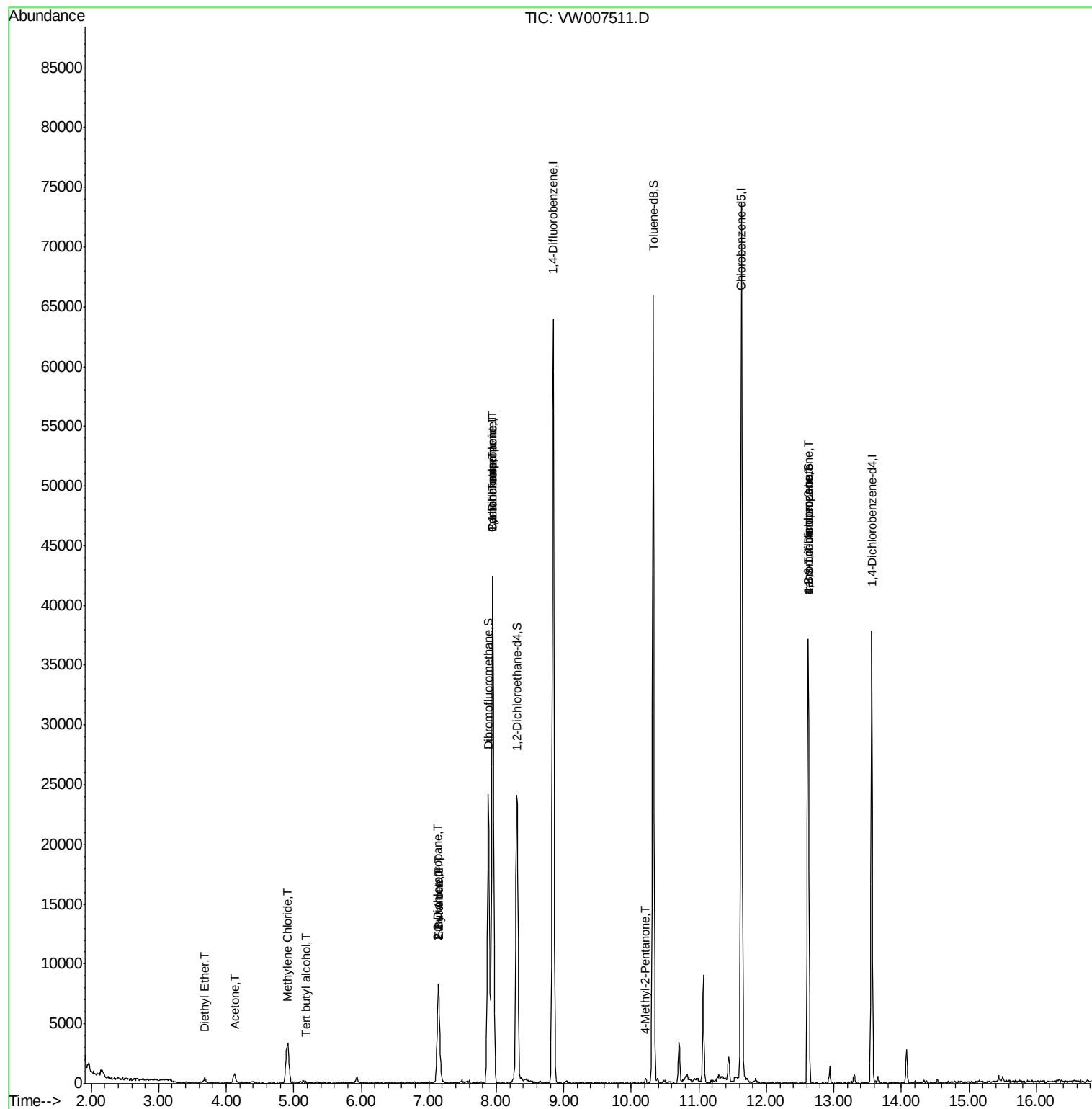
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	172	1.145	ug/l	94
11) Tert butyl alcohol	5.18	59	84	3.548	ug/l #	74
16) Acetone	4.12	43	1477	24.528	ug/l	98
20) Methylene Chloride	4.90	84	2867	5.196	ug/l #	84
25) 2-Butanone	7.15	43	439	5.584	ug/l #	45
26) 2,2-Dichloropropane	7.13	77	558	1.444	ug/l #	52
31) Cyclohexane	7.95	56	618	1.154	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	2357	4.645	ug/l #	47
37) Ethyl Acetate	7.15	43	439	2.326	ug/l #	25
38) Carbon Tetrachloride	7.95	117	3436	6.223	ug/l #	13
51) 4-Methyl-2-Pentanone	10.21	43	332	1.885	ug/l	95
76) 1,2,3-Trichloropropane	12.62	75	5935	71.665	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	5935	158.309	ug/l #	7

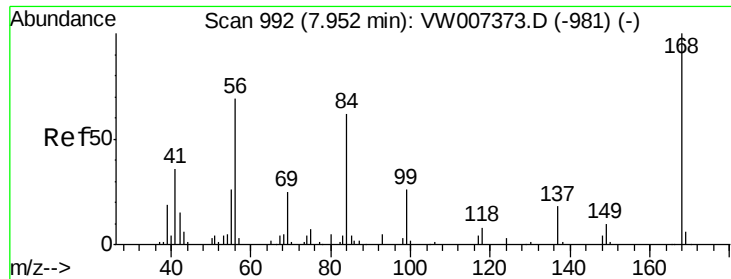
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121618\
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Quant Time: Dec 14 04:31:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007511.D

Acq: 14 Dec 2018 03:16

Instrument :

MSVOA_W

ClientSampleId :

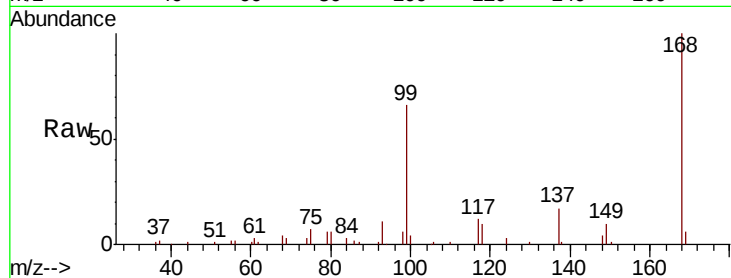
SB-04ARE

Tot Ion:168 Resp: 31074

Ion Ratio Lower Upper

168 100

99 65.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

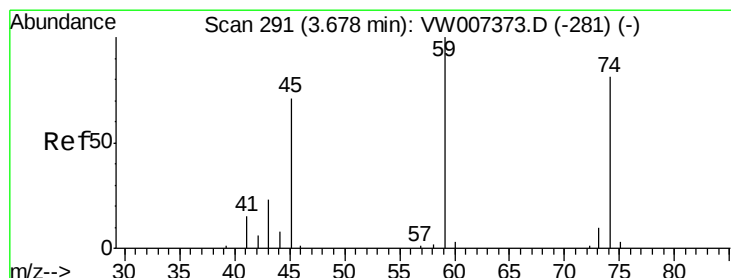
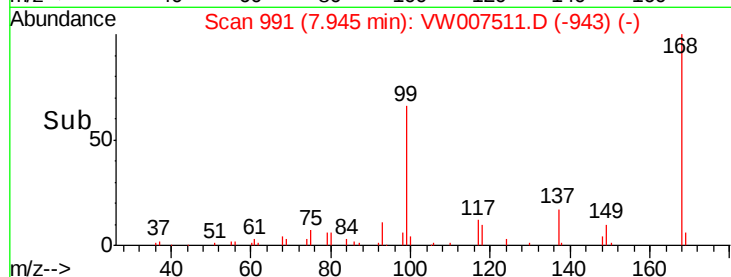
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5000

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Time-->

7.85 7.90 7.95 8.00 8.05



#8

Diethyl Ether

Concen: 1.145 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW007511.D

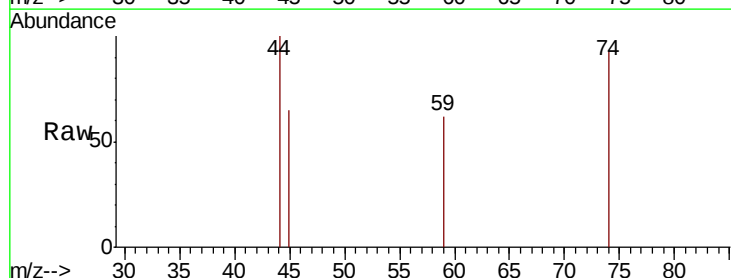
Acq: 14 Dec 2018 03:16

Tgt Ion: 74 Resp: 172

Ion Ratio Lower Upper

74 100

45 91.9 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

150

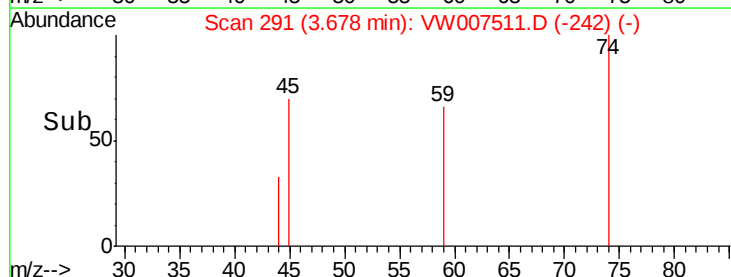
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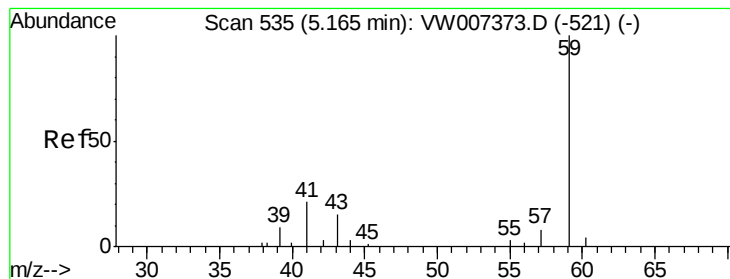
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Time-->

3.64 3.66 3.68 3.70 3.72



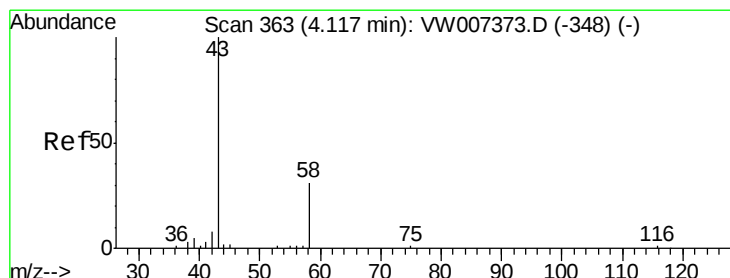
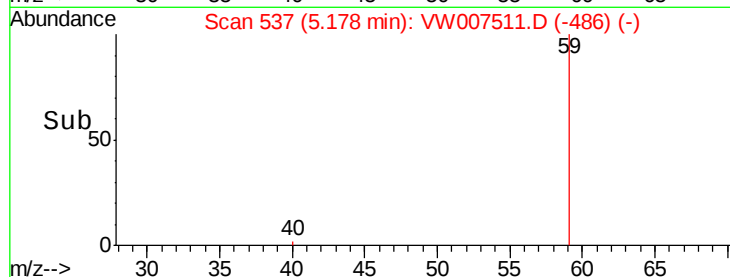
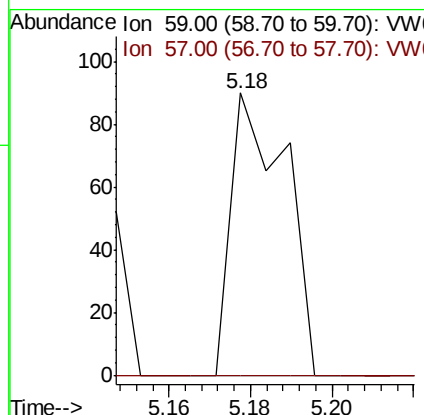
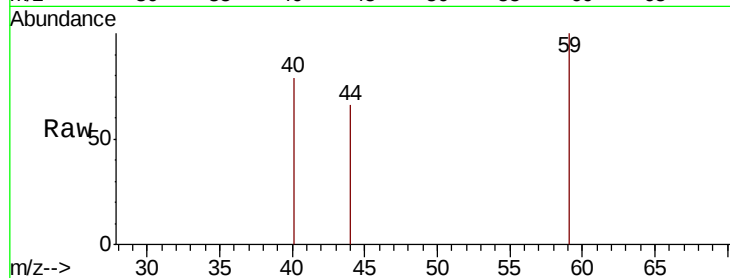


#11

Tert butyl alcohol
 Concen: 3.548 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW007511.D
 Acq: 14 Dec 2018 03:16

Instrument :
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 ClientSampleId :
 SB-04ARE

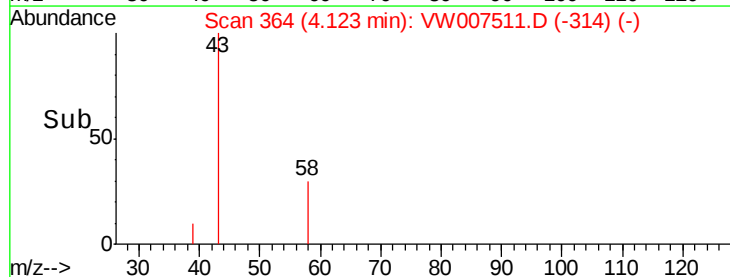
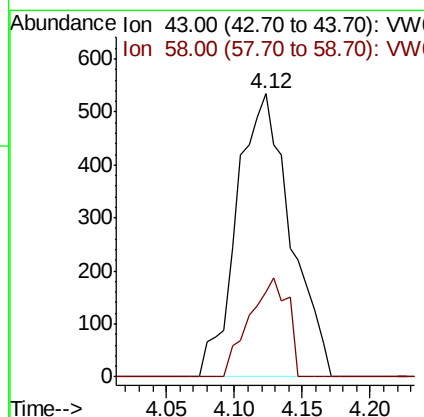
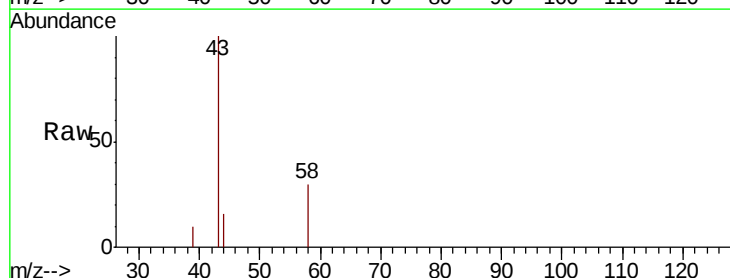
Tot Ion: 59 Resp: 84
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.6 11.4#

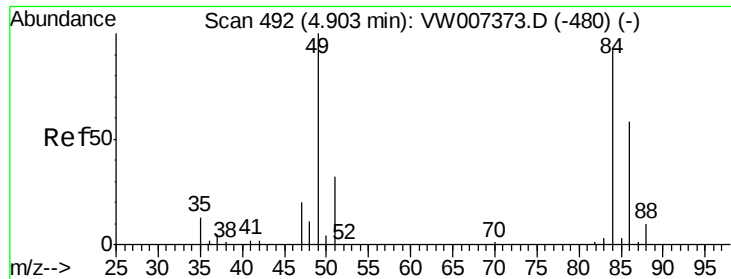


#16

Acetone
 Concen: 24.528 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW007511.D
 Acq: 14 Dec 2018 03:16

Tgt Ion: 43 Resp: 1477
 Ion Ratio Lower Upper
 43 100
 58 30.1 24.9 37.3

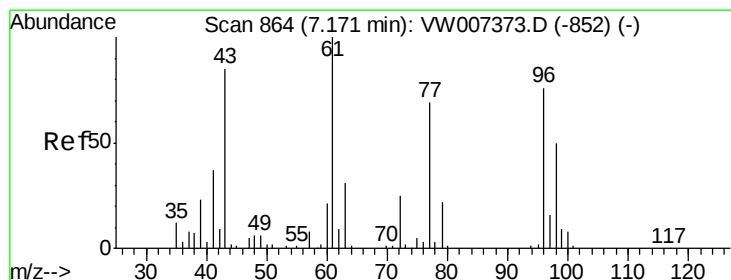
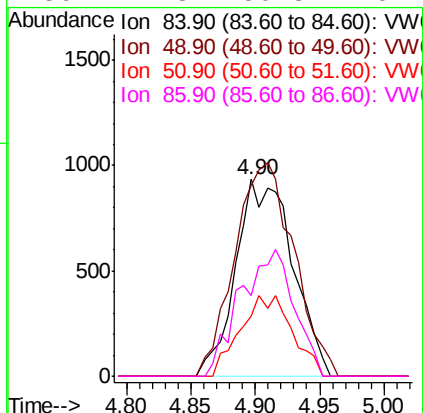
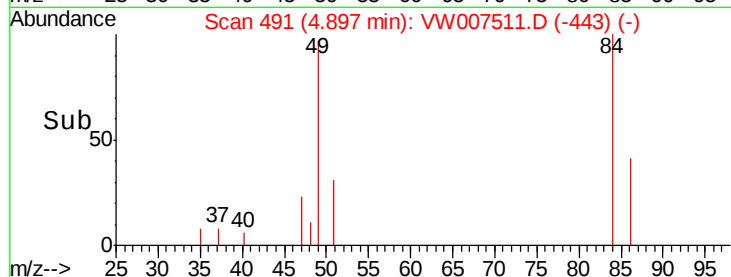
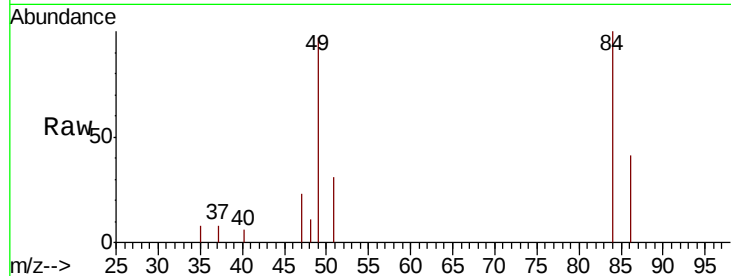




#20
Methvlene Chloride
Concen: 5.196 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW007511.D
Acq: 14 Dec 2018 03:16

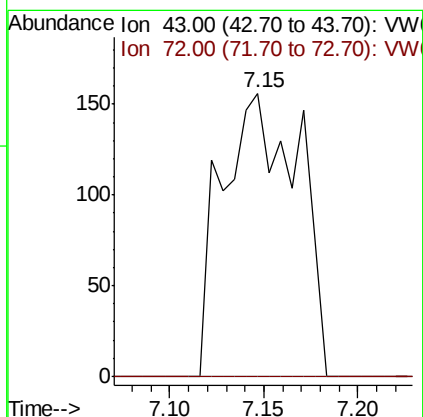
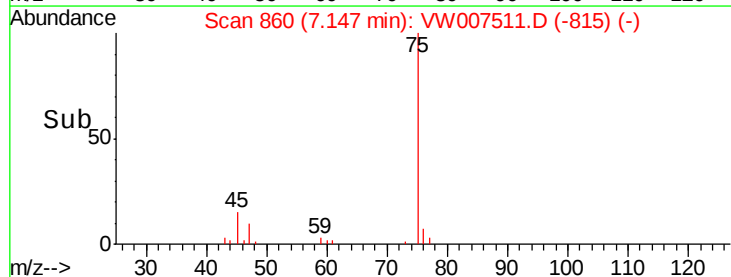
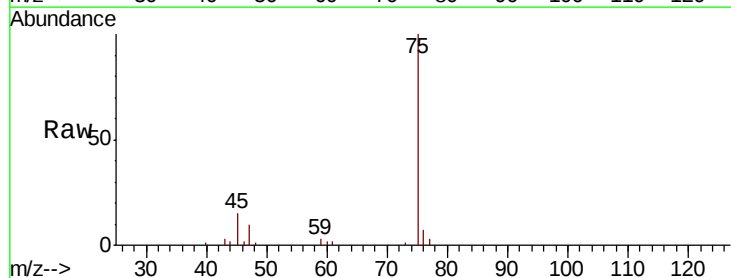
Instrument :
MSVOA_W
ClientSampleId :
SB-04ARE

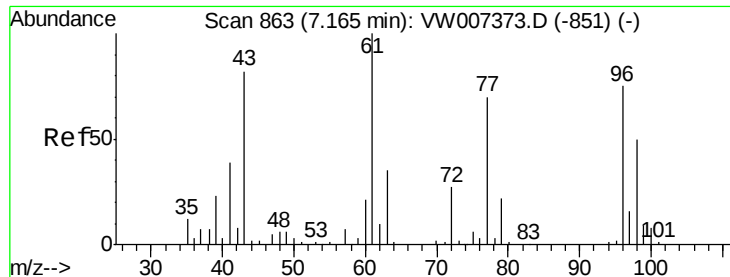
Tot Ion: 84 Resp: 2867
Ion Ratio Lower Upper
84 100
49 97.2 87.1 130.7
51 30.7 28.2 42.2
86 41.3 50.8 76.2#



#25
2-Butanone
Concen: 5.584 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW007511.D
Acq: 14 Dec 2018 03:16

Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
72 0.0 23.4 35.2#

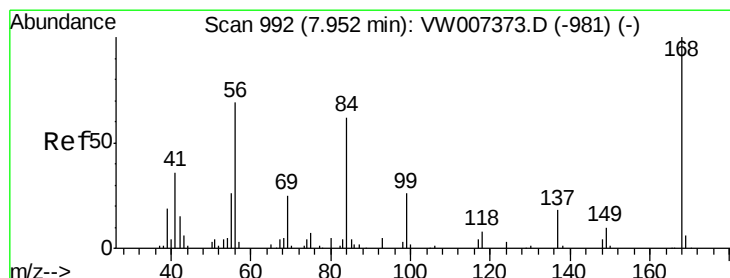
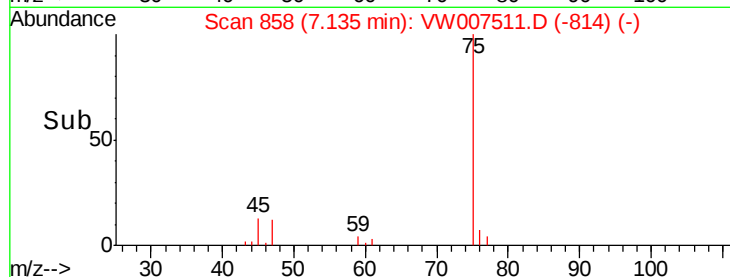
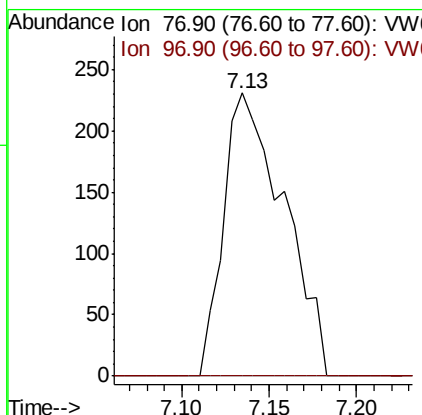
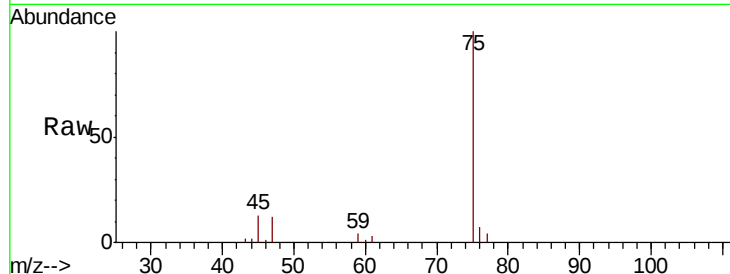




#26
 2,2-Dichloropropane
 Concen: 1.444 ug/l
 RT: 7.13 min Scan# 858
 Delta R.T. -0.03 min
 Lab File: VW007511.D
 Acq: 14 Dec 2018 03:16

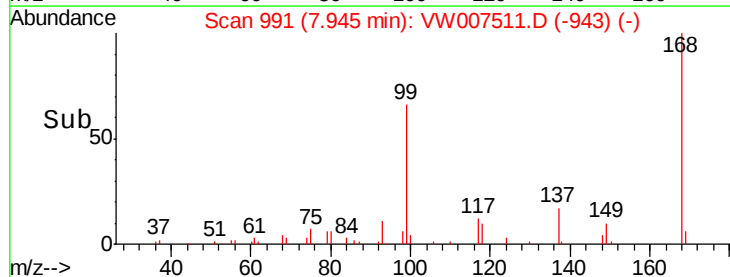
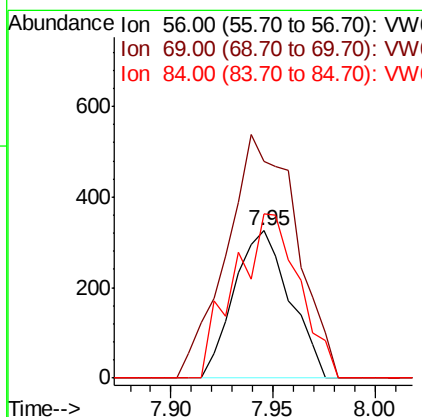
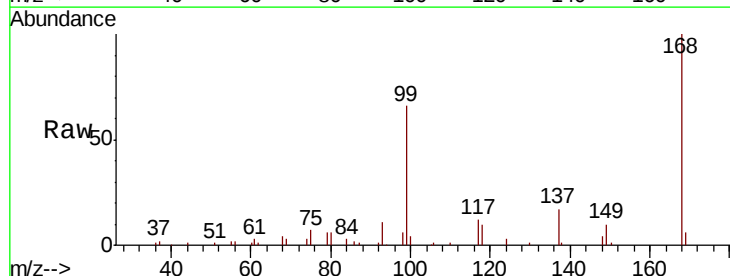
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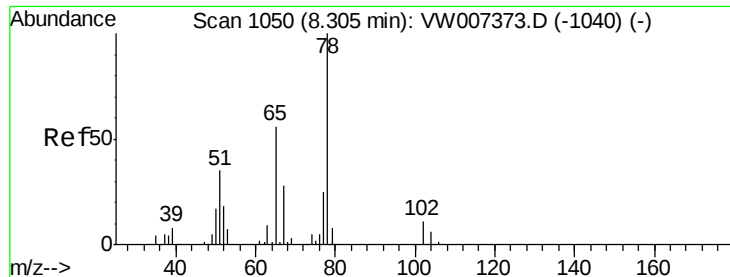
Tot Ion: 77 Resp: 558
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.6 34.8#



#31
 Cyclohexane
 Concen: 1.154 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW007511.D
 Acq: 14 Dec 2018 03:16

Tgt Ion: 56 Resp: 618
 Ion Ratio Lower Upper
 56 100
 69 147.7 28.9 43.3#
 84 112.0 71.8 107.6#

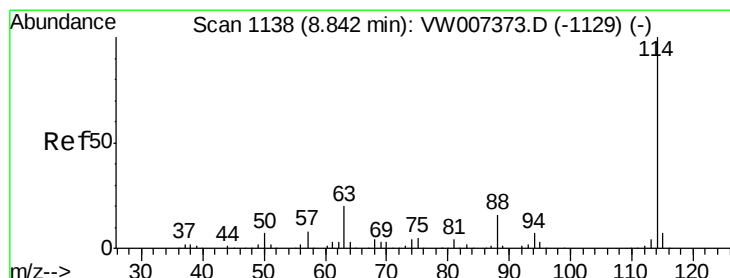
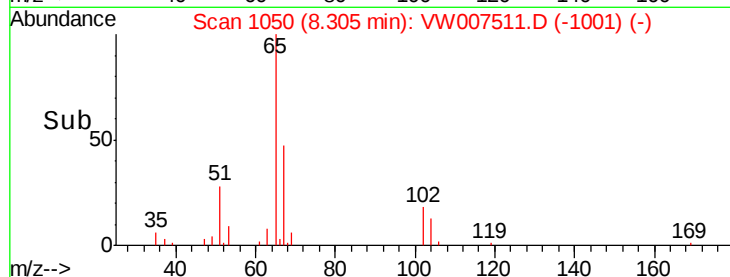
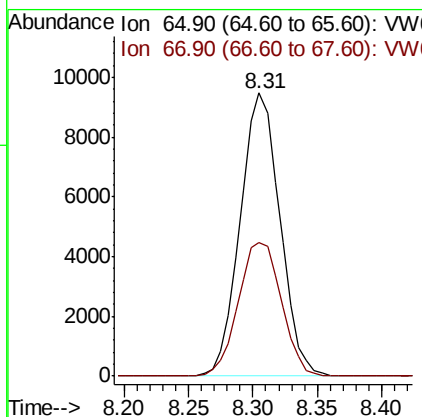
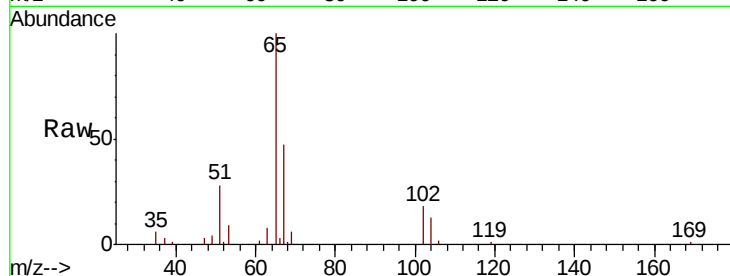




#33
 1,2-Dichloroethane-d4
 Concen: 58.629 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007511.D
 Acq: 14 Dec 2018 03:16

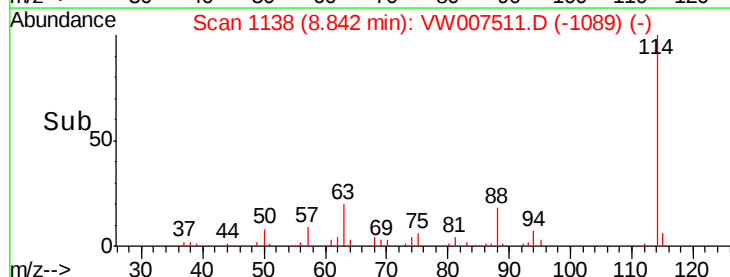
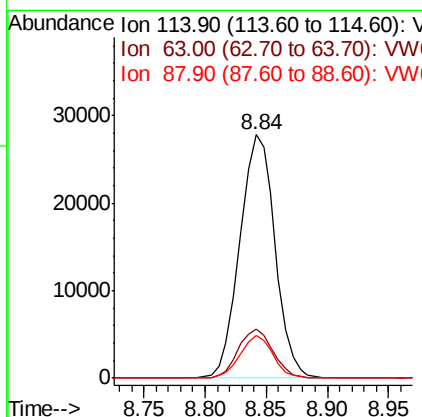
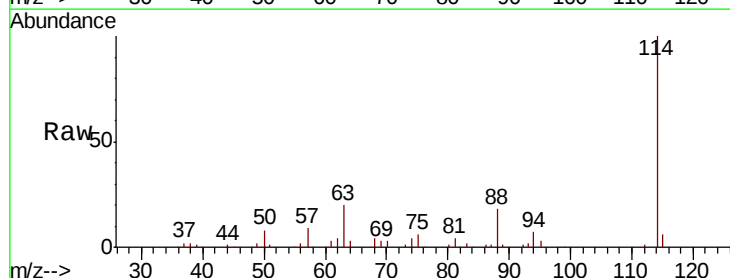
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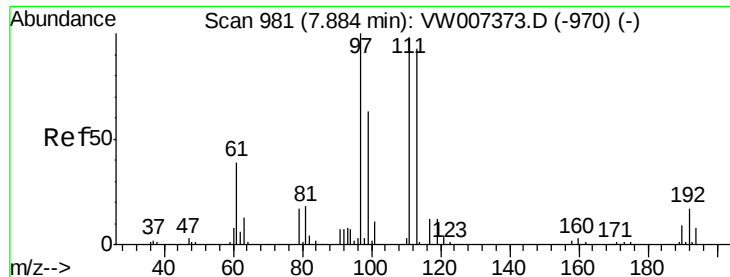
Tot Ion: 65 Resp: 20212
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007511.D
 Acq: 14 Dec 2018 03:16

Tgt Ion: 114 Resp: 55626
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 17.6 0.0 31.4

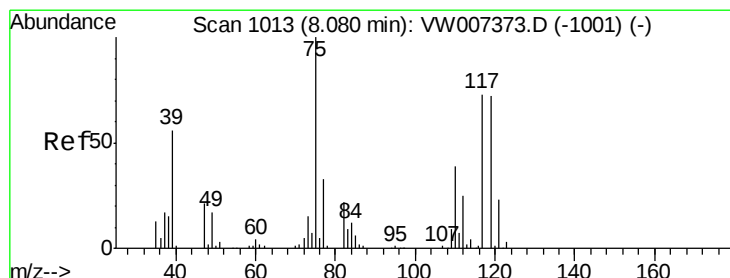
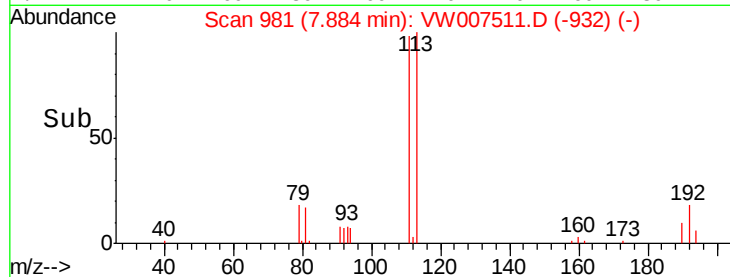
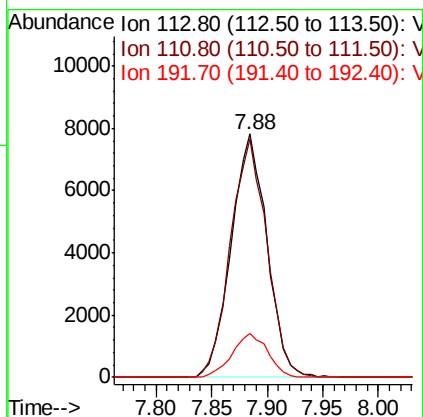
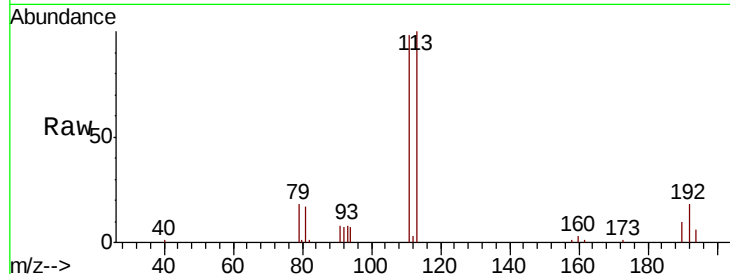




#35
 Dibromofluoromethane
 Concen: 51.745 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007511.D
 Acq: 14 Dec 2018 03:16

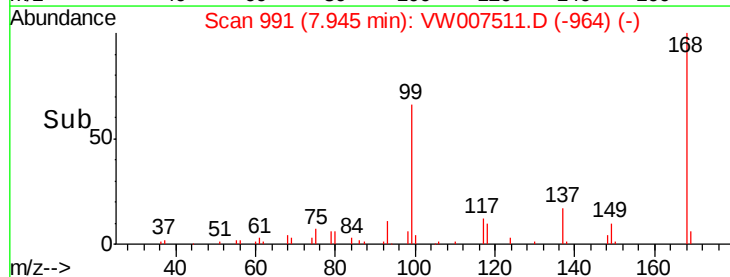
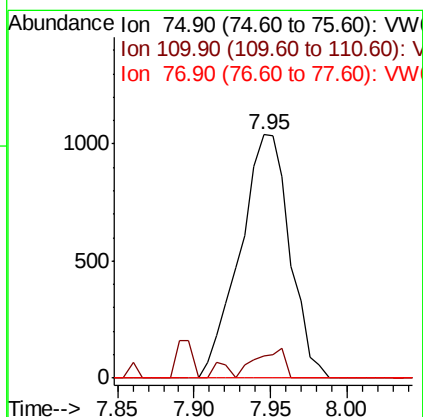
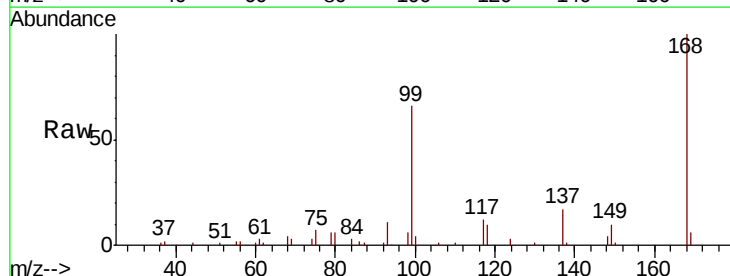
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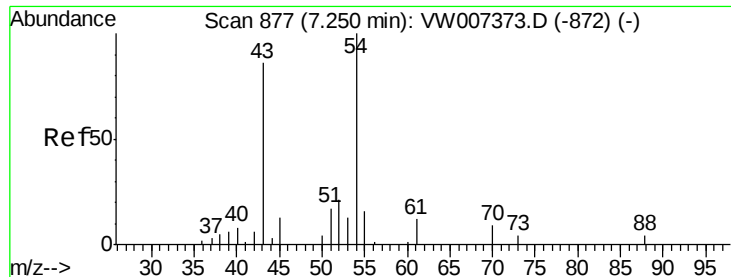
Tot Ion:113 Resp: 17424
 Ion Ratio Lower Upper
 113 100
 111 99.3 81.1 121.7
 192 17.7 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.645 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007511.D
 Acq: 14 Dec 2018 03:16

Tgt Ion: 75 Resp: 2357
 Ion Ratio Lower Upper
 75 100
 110 7.2 18.5 55.5#
 77 0.0 25.6 38.4#

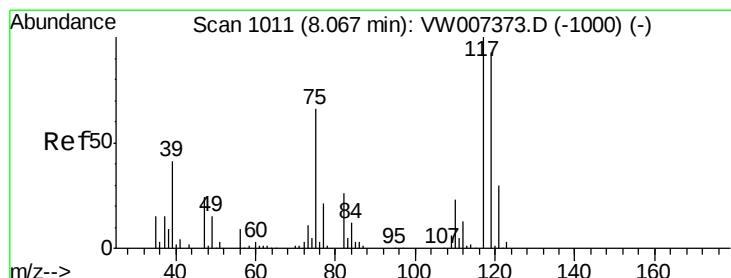
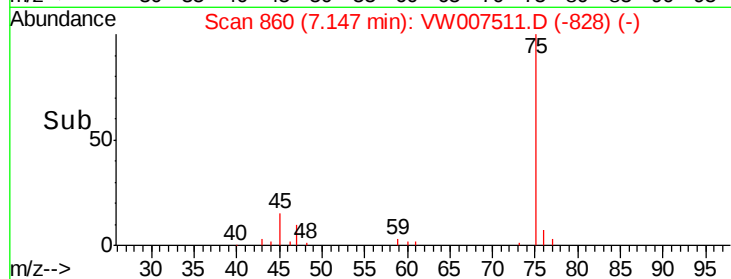
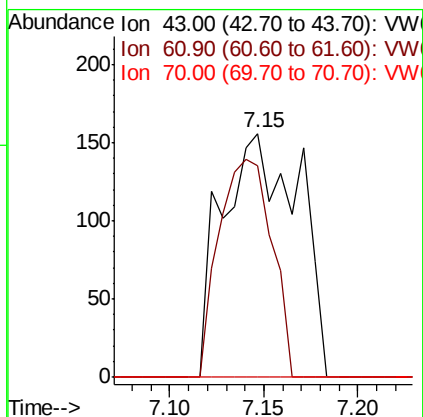
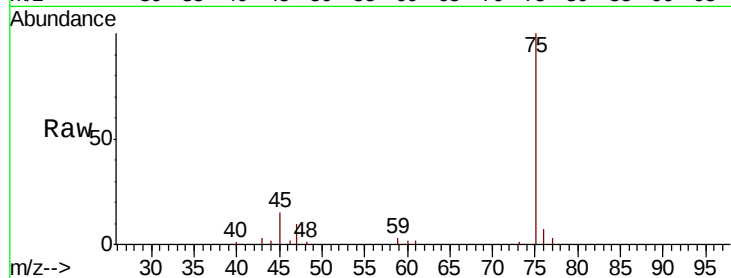




#37
Ethyl Acetate
Concen: 2.326 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.10 min
Lab File: VW007511.D
Acq: 14 Dec 2018 03:16

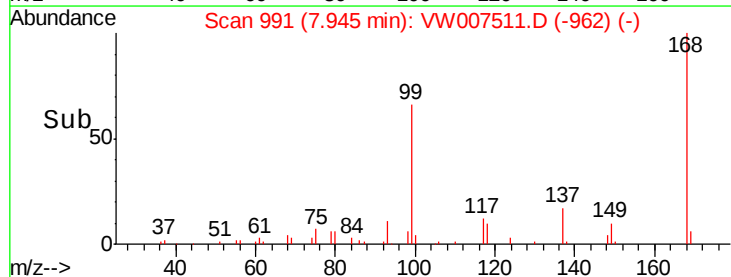
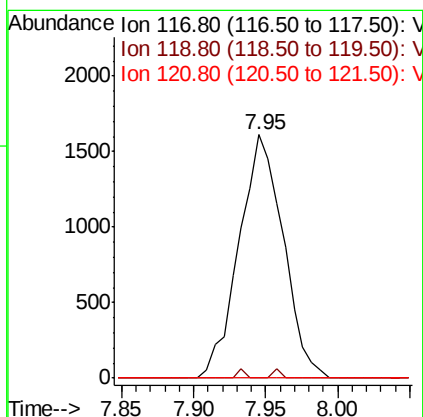
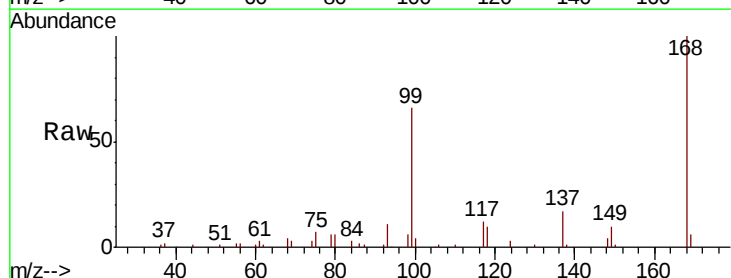
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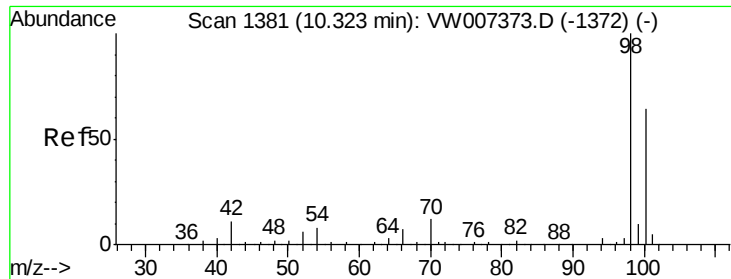
Tot Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
61 61.5 12.1 18.1#
70 0.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 6.223 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007511.D
Acq: 14 Dec 2018 03:16

Tgt Ion: 117 Resp: 3436
Ion Ratio Lower Upper
117 100
119 0.0 74.3 111.5#
121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 34.628 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007511.D

Acq: 14 Dec 2018 03:16

Instrument :

MSVOA_W

ClientSampleId :

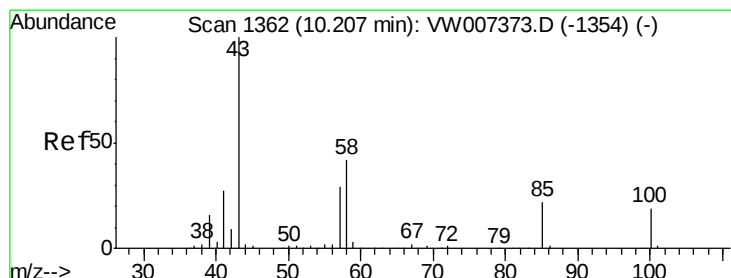
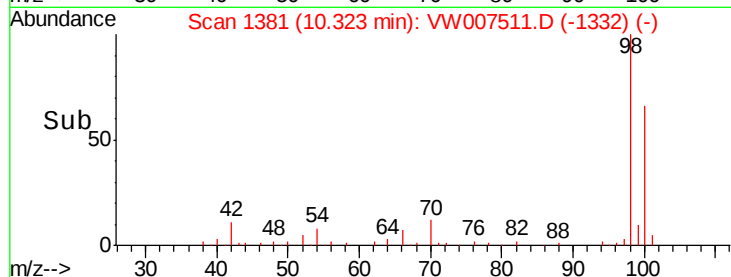
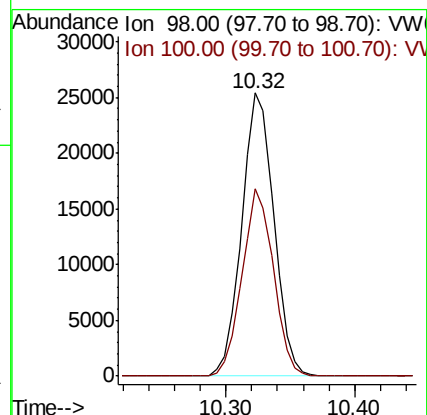
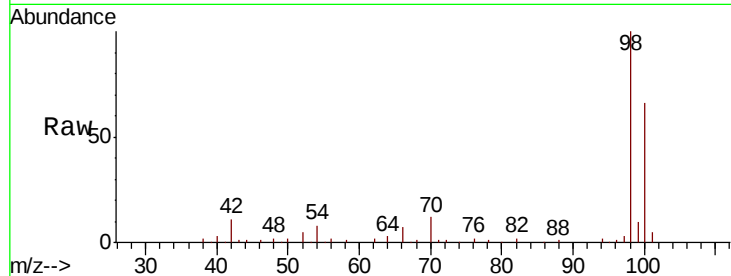
SB-04ARE

Tot Ion: 98 Resp: 43719

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8



#51

4-Methyl-2-Pentanone

Concen: 1.885 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007511.D

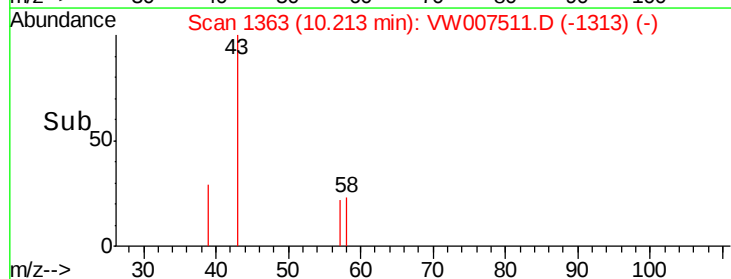
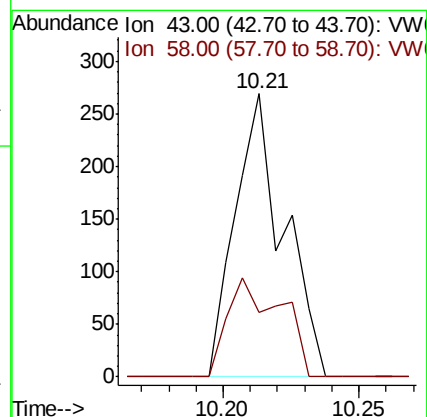
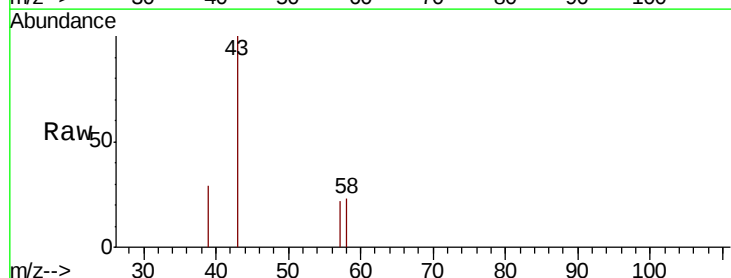
Acq: 14 Dec 2018 03:16

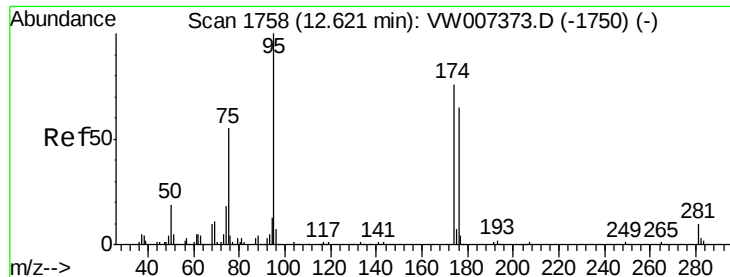
Tgt Ion: 43 Resp: 332

Ion Ratio Lower Upper

43 100

58 38.6 33.1 49.7

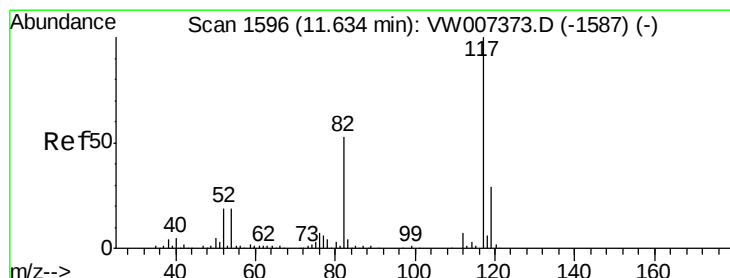
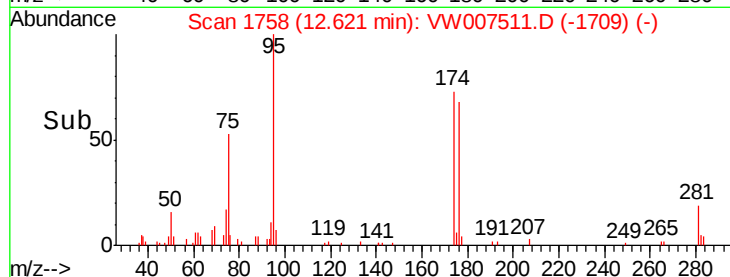
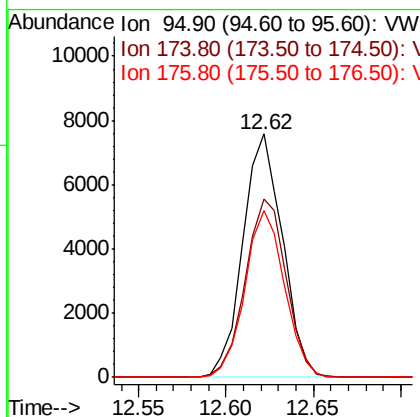
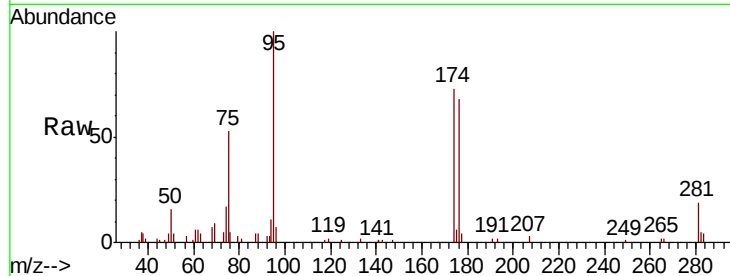




#62
4-Bromofluorobenzene
Concen: 25.650 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007511.D
Acq: 14 Dec 2018 03:16

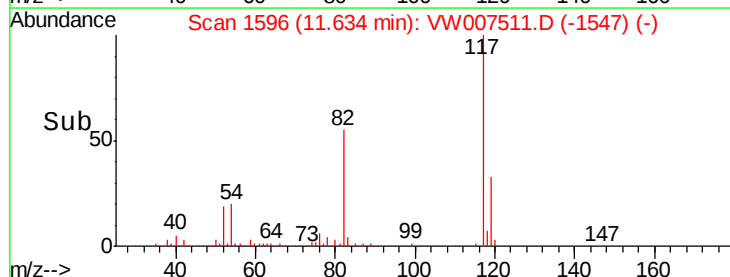
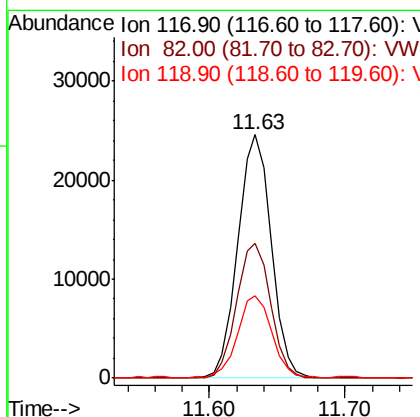
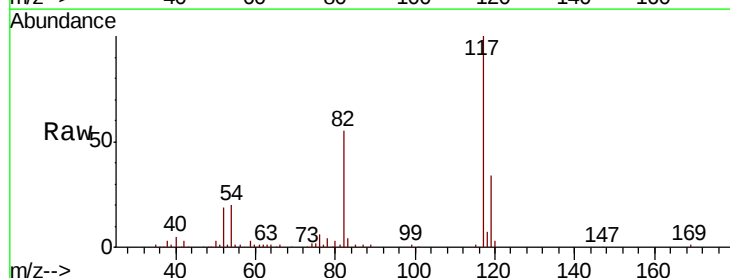
Instrument :
MSVOA_W
ClientSampleId :
SB-04ARE

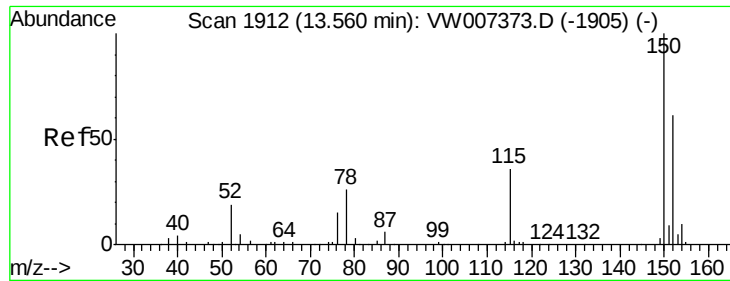
Tot Ion	95	Resp	11907
Ion Ratio	Lower	Upper	
95	100		
174	76.0	0.0	147.2
176	68.6	0.0	138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007511.D
Acq: 14 Dec 2018 03:16

Tgt Ion	117	Resp	42200
Ion Ratio	Lower	Upper	
117	100		
82	55.2	42.3	63.5
119	33.4	23.0	34.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007511.D

Acq: 14 Dec 2018 03:16

Instrument :

MSVOA_W

ClientSampleId :

SB-04ARE

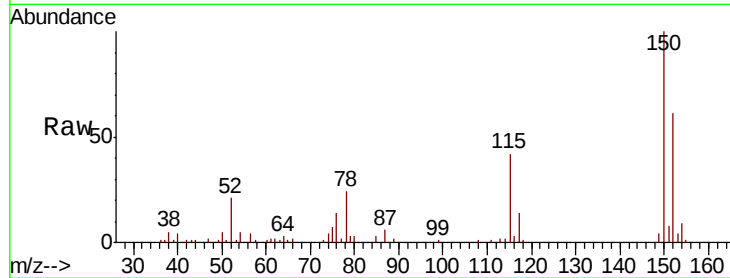
Tot Ion:152 Resp: 10044

Ion Ratio Lower Upper

152 100

115 64.2 31.4 94.2

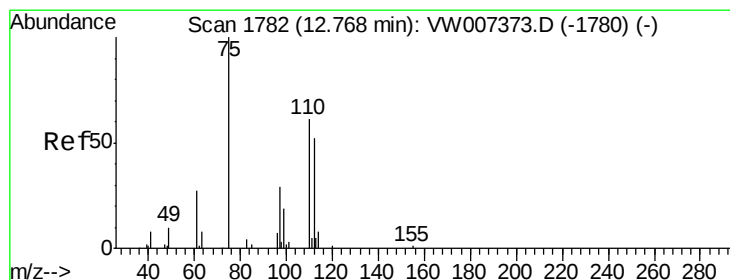
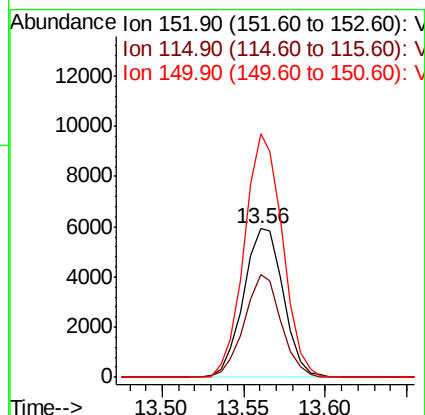
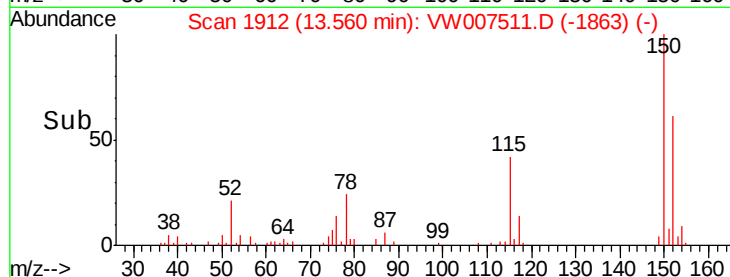
150 156.5 0.0 358.4



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: 71.665 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007511.D

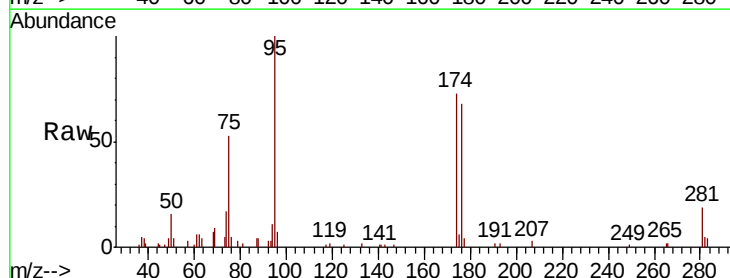
Acq: 14 Dec 2018 03:16

Tgt Ion: 75 Resp: 5935

Ion Ratio Lower Upper

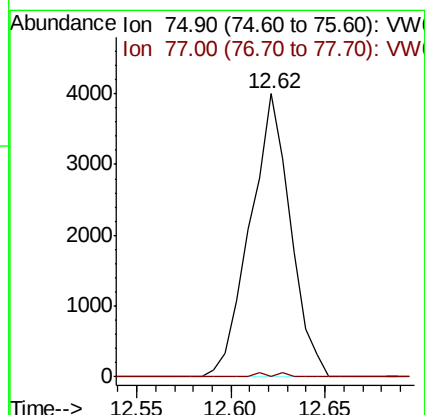
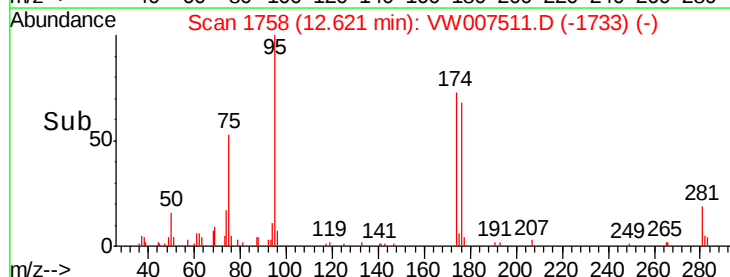
75 100

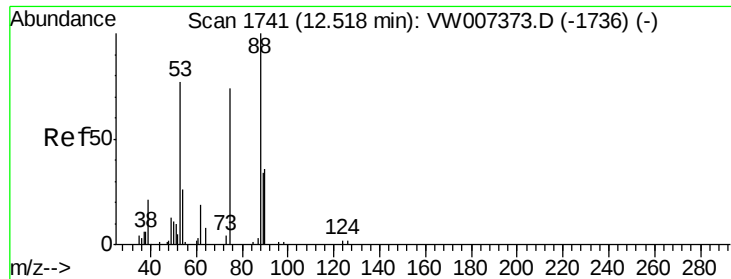
77 0.8 166.9 500.8#



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: 158.309 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007511.D

Acq: 14 Dec 2018 03:16

Instrument :

MSVOA_W

ClientSampleId :

SB-04ARE

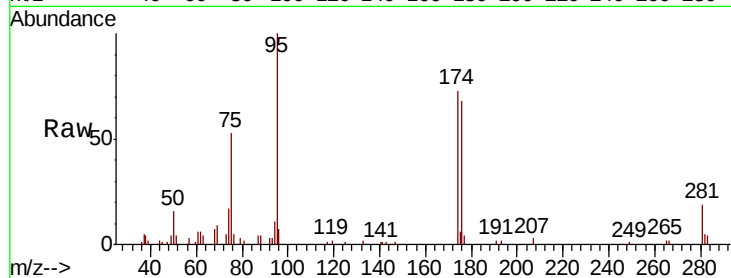
Tot Ion: 75 Resp: 5935

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



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

