

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV121618\
 Data File : VW007507.D
 Acq On : 14 Dec 2018 01:33
 Operator : SY/AP
 Sample : J6373-01RE
 Misc : 5.56G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-A-FRAME

Quant Time: Dec 14 04:31:06 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	85431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	147578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	122586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48783	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	36962	39.00	ug/l	0.00
Spiked Amount			Recovery	=	78.00%	
35) Dibromofluoromethane	7.88	113	35147	39.34	ug/l	0.00
Spiked Amount			Recovery	=	78.68%	
50) Toluene-d8	10.32	98	116745	34.85	ug/l	0.00
Spiked Amount			Recovery	=	69.70%	
62) 4-Bromofluorobenzene	12.62	95	41248	33.49	ug/l	0.00
Spiked Amount			Recovery	=	66.98%	

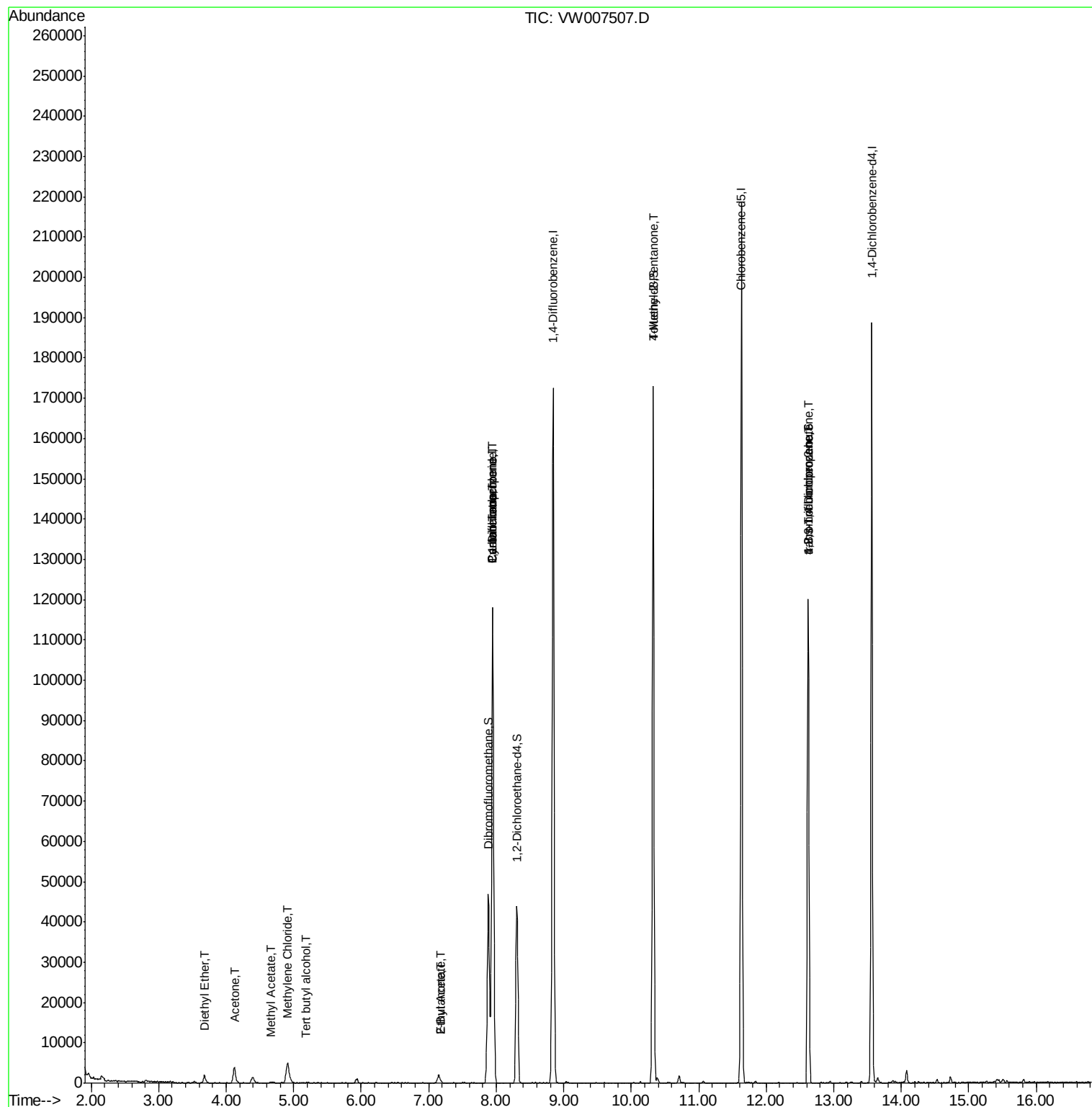
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1122	2.718	ug/l	100
11) Tert butyl alcohol	5.17	59	111	1.705	ug/l #	74
16) Acetone	4.12	43	6725	40.622	ug/l	99
18) Methyl Acetate	4.67	43	755	1.680	ug/l #	64
20) Methylene Chloride	4.91	84	4641	1.311	ug/l	90
25) 2-Butanone	7.18	43	529	2.448	ug/l #	45
31) Cyclohexane	7.95	56	1740	1.182	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6754	5.017	ug/l #	50
37) Ethyl Acetate	7.18	43	529	1.056	ug/l #	66
38) Carbon Tetrachloride	7.95	117	9194	6.276	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	471	1.008	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	20509	50.988	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	20509	112.633	ug/l #	7

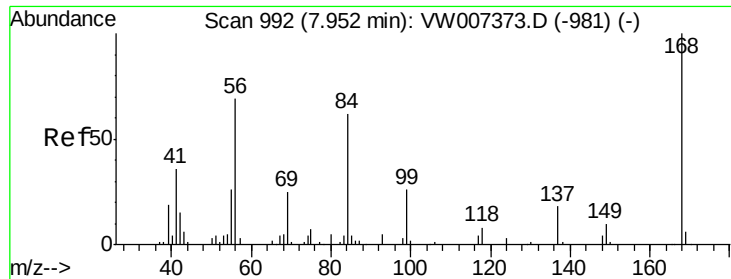
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007507.D

Acq: 14 Dec 2018 01:33

Instrument :

MSVOA_W

ClientSampleId :

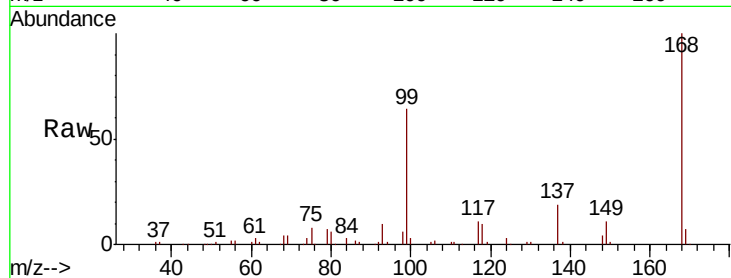
TP-A-FRAME

Tot Ion:168 Resp: 85431

Ion Ratio Lower Upper

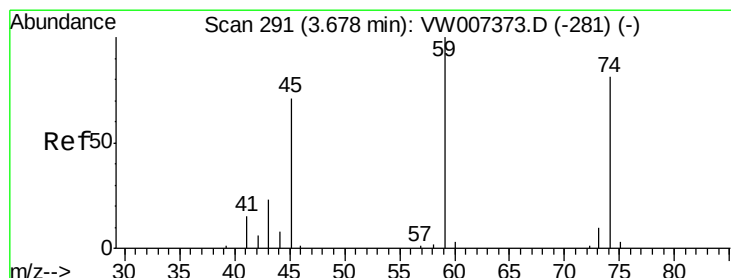
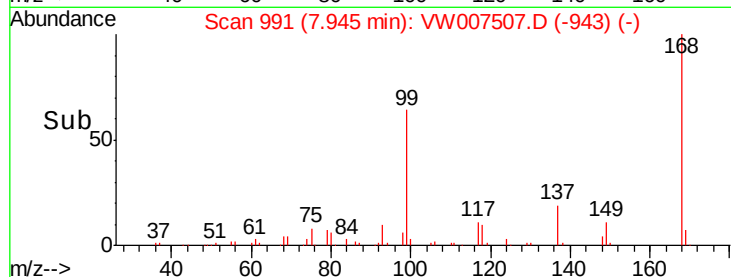
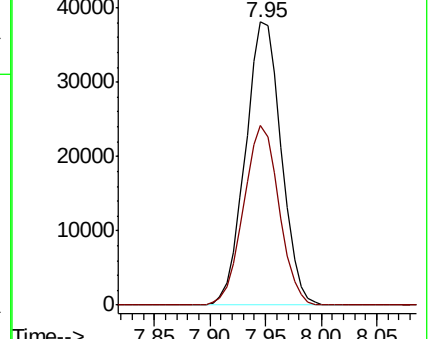
168 100

99 63.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.718 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VW007507.D

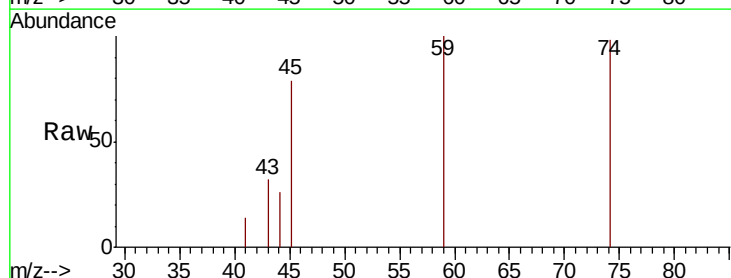
Acq: 14 Dec 2018 01:33

Tgt Ion: 74 Resp: 1122

Ion Ratio Lower Upper

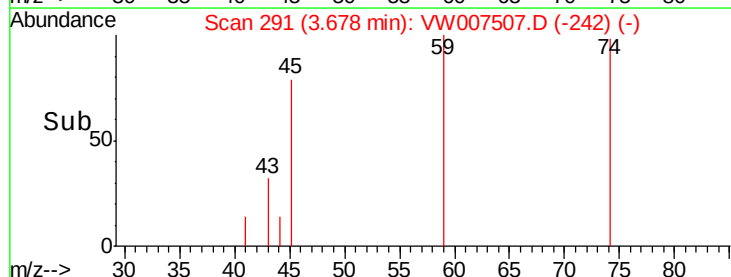
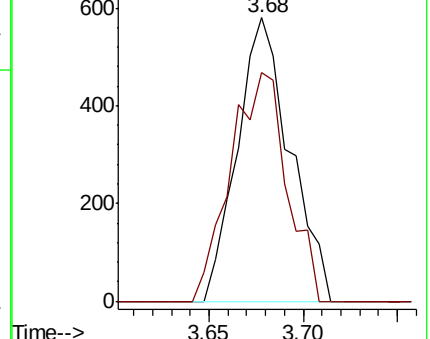
74 100

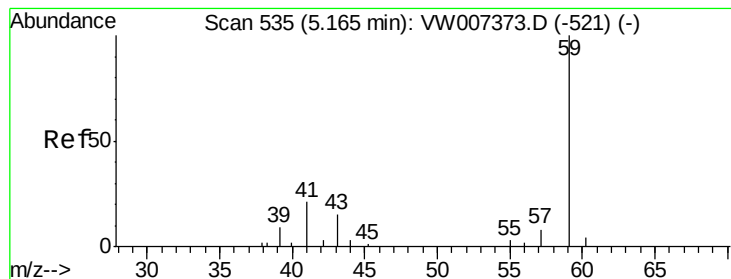
45 86.5 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



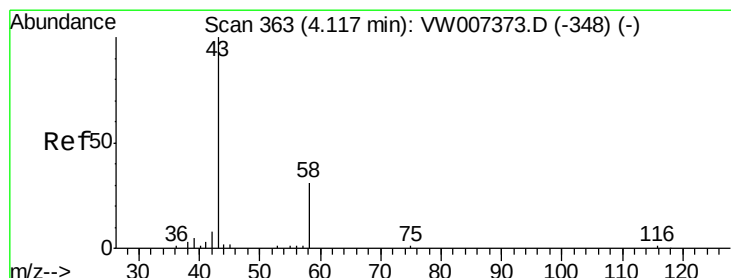
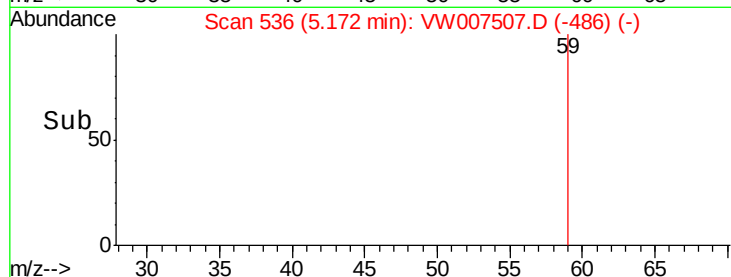
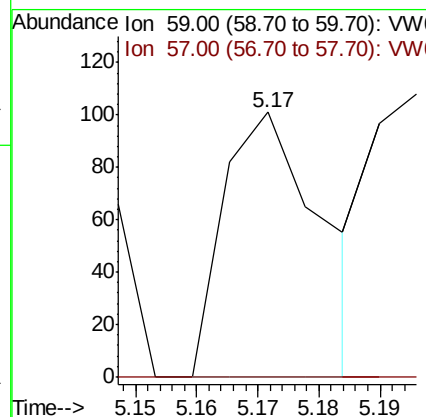
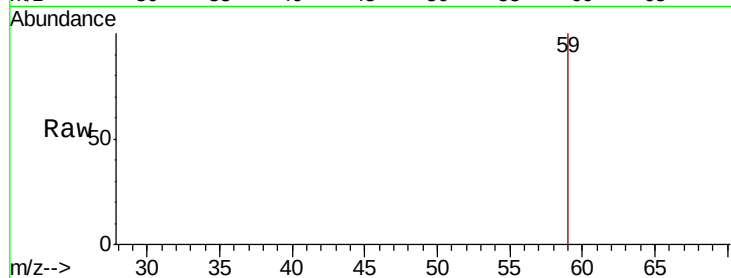


#11

Tert butyl alcohol
 Concen: 1.705 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007507.D
 Acq: 14 Dec 2018 01:33

Instrument :
 MSVOA_W
 ClientSampled :
 TP-A-FRAME

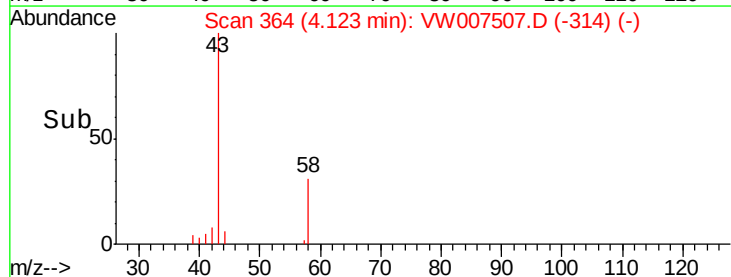
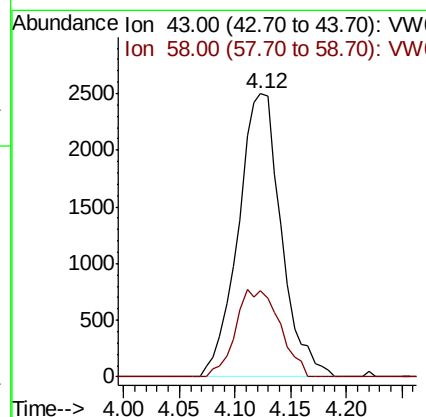
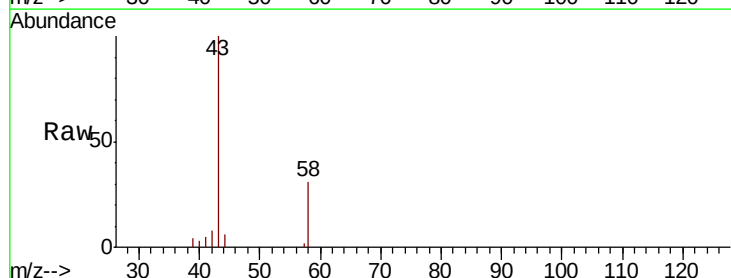
Tot Ion: 59 Resp: 111
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.6 11.4#

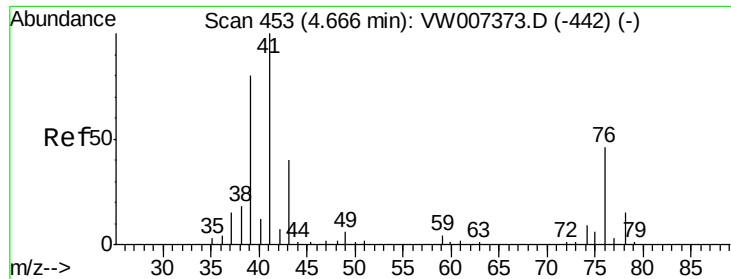


#16

Acetone
 Concen: 40.622 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW007507.D
 Acq: 14 Dec 2018 01:33

Tgt Ion: 43 Resp: 6725
 Ion Ratio Lower Upper
 43 100
 58 30.6 24.9 37.3

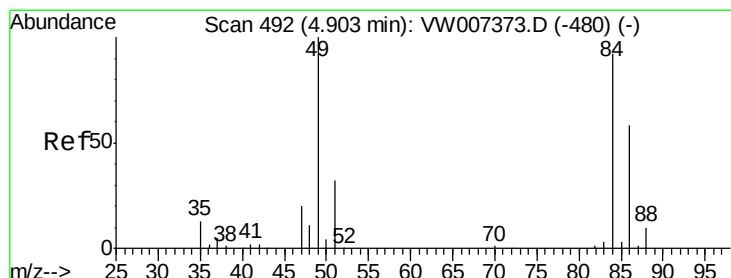
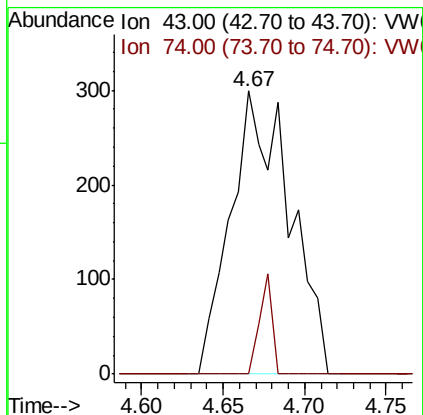
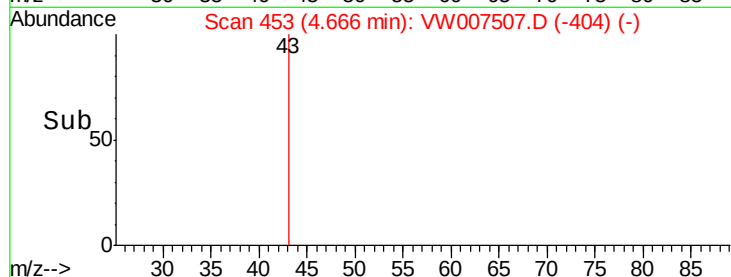
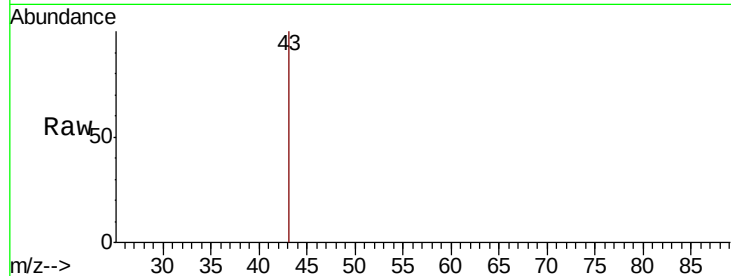




#18
Methyl Acetate
Concen: 1.680 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW007507.D
Acq: 14 Dec 2018 01:33

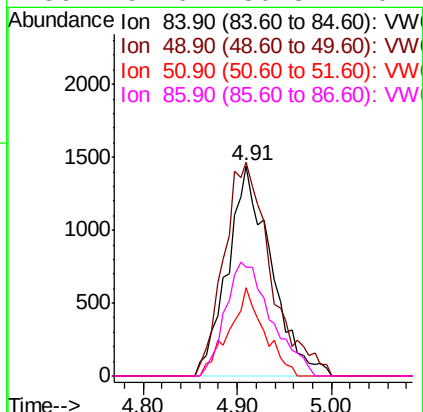
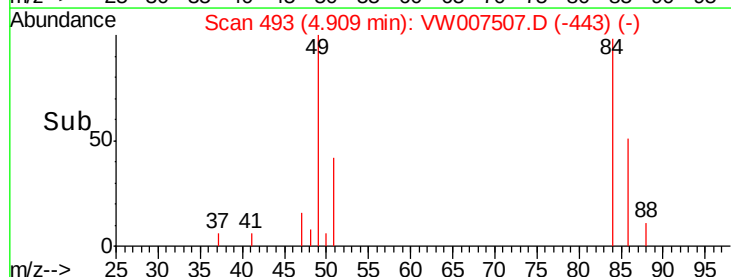
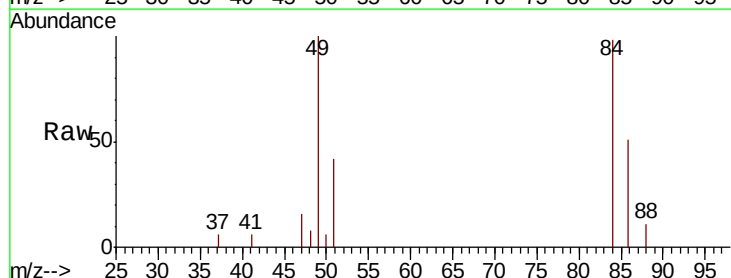
Instrument :
MSVOA_W
ClientSampleId :
TP-A-FRAME

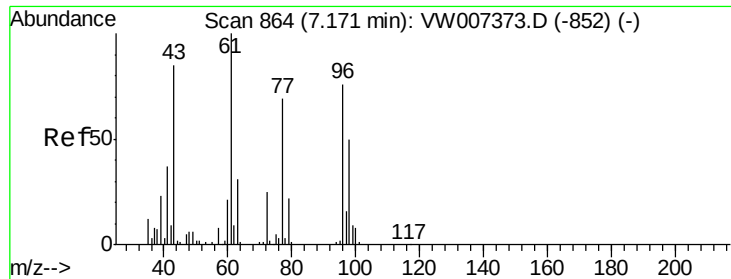
Tot Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
74 7.7 21.1 31.7#



#20
Methylene Chloride
Concen: 1.311 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007507.D
Acq: 14 Dec 2018 01:33

Tgt Ion: 84 Resp: 4641
Ion Ratio Lower Upper
84 100
49 101.6 87.1 130.7
51 42.2 28.2 42.2
86 51.6 50.8 76.2

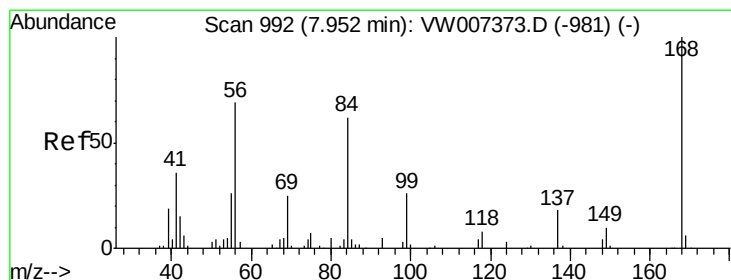
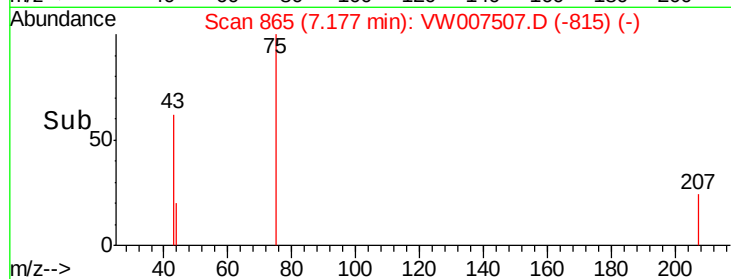
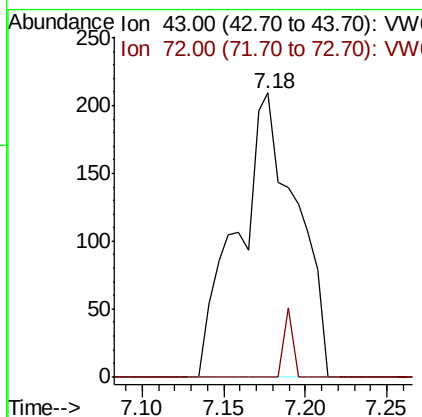
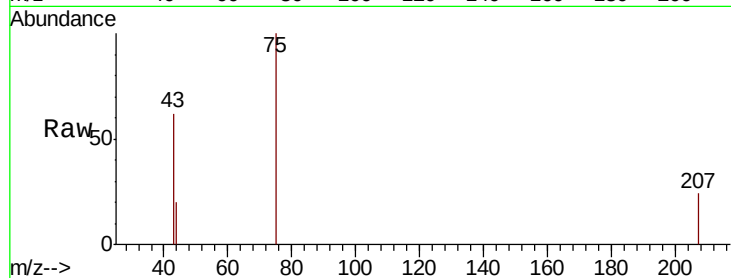




#25
2-Butanone
Concen: 2.448 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007507.D
Acq: 14 Dec 2018 01:33

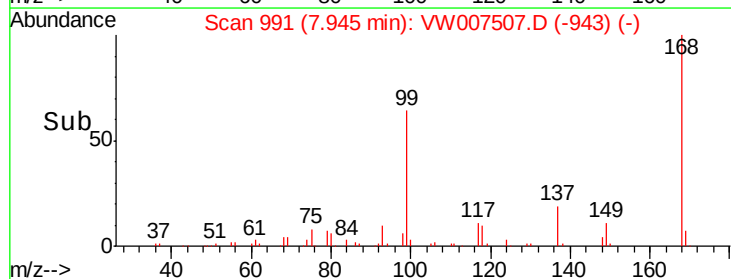
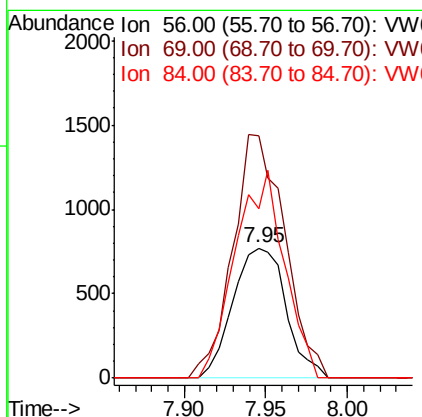
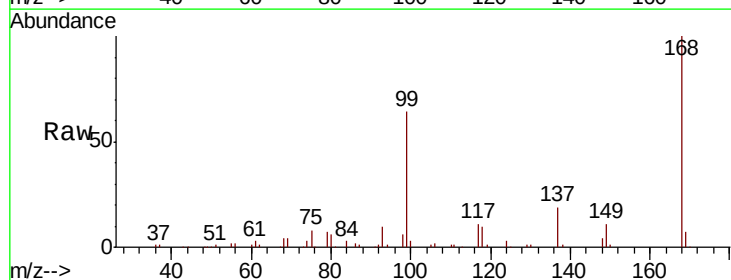
Instrument :
MSVOA_W
ClientSampleId :
TP-A-FRAME

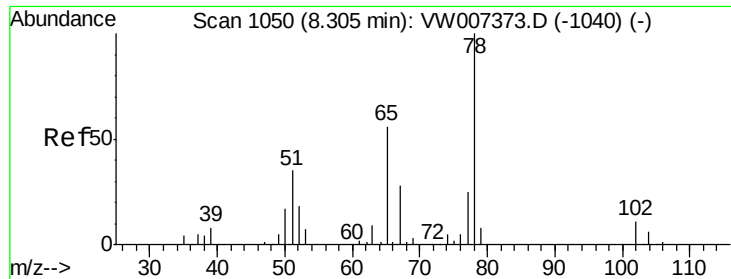
Tot Ion: 43 Resp: 529
Ion Ratio Lower Upper
43 100
72 0.0 23.4 35.2#



#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007507.D
Acq: 14 Dec 2018 01:33

Tgt Ion: 56 Resp: 1740
Ion Ratio Lower Upper
56 100
69 186.3 28.9 43.3#
84 130.6 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 38.998 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007507.D

Acq: 14 Dec 2018 01:33

Instrument :

MSVOA_W

ClientSampleId :

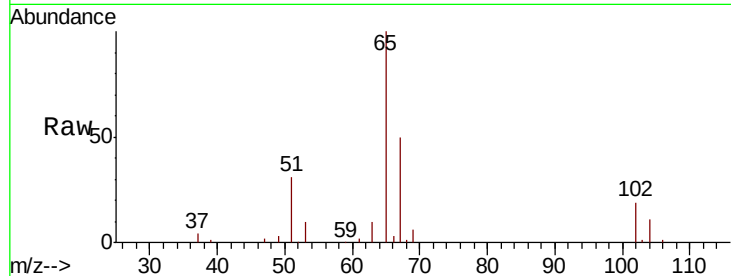
TP-A-FRAME

Tot Ion: 65 Resp: 36962

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

20000

15000

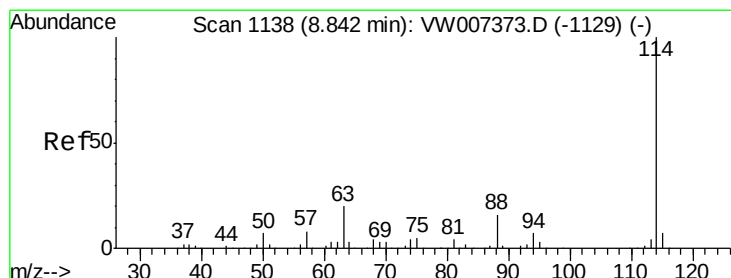
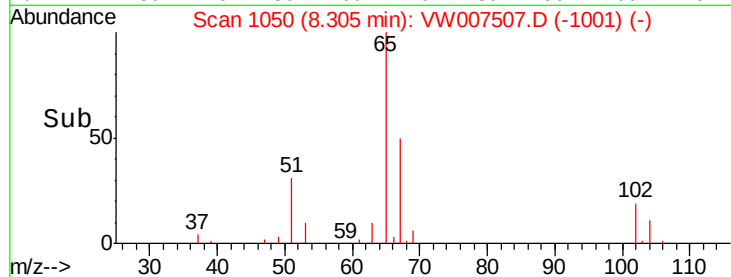
10000

5000

0

8.20 8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW007507.D

Acq: 14 Dec 2018 01:33

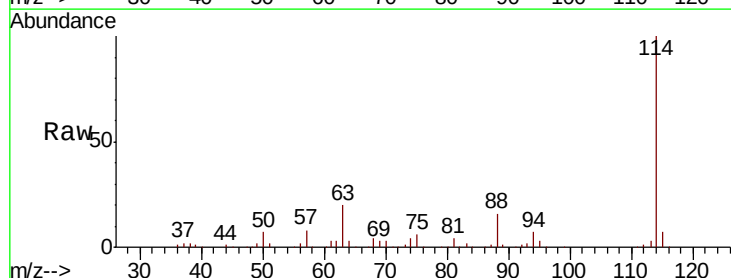
Tgt Ion: 114 Resp: 147578

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

88 16.4 0.0 31.4



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

100000

80000

60000

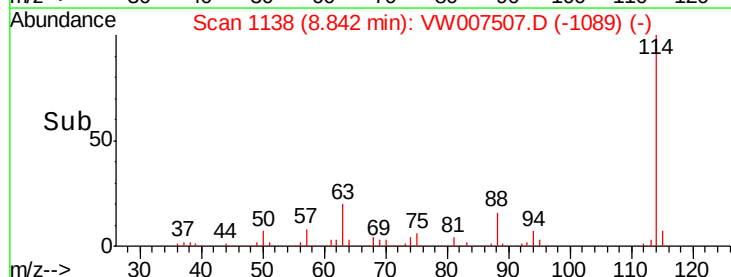
40000

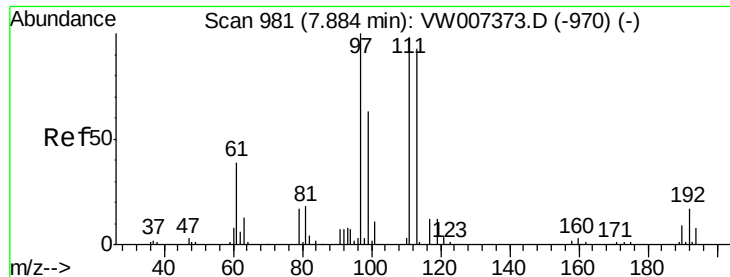
20000

0

8.80 8.84 8.88

Time-->





#35

Dibromofluoromethane

Concen: 39.343 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW007507.D

Acq: 14 Dec 2018 01:33

Instrument :

MSVOA_W

ClientSampleId :

TP-A-FRAME

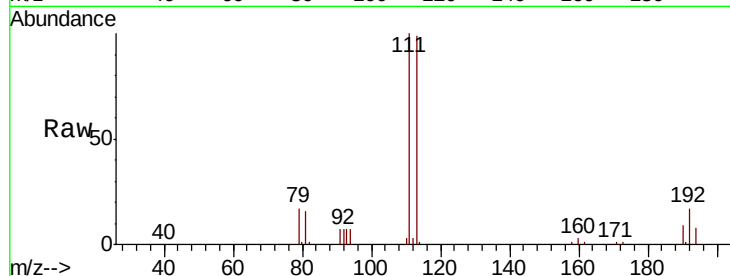
Tot Ion:113 Resp: 35147

Ion Ratio Lower Upper

113 100

111 100.4 81.1 121.7

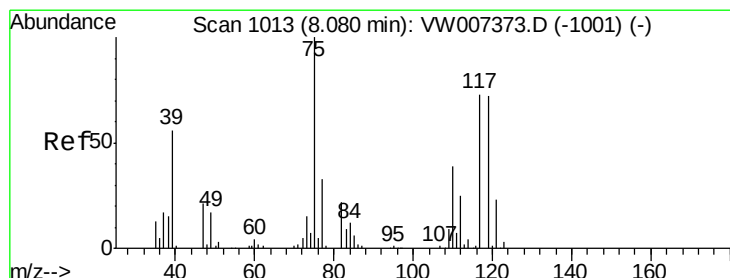
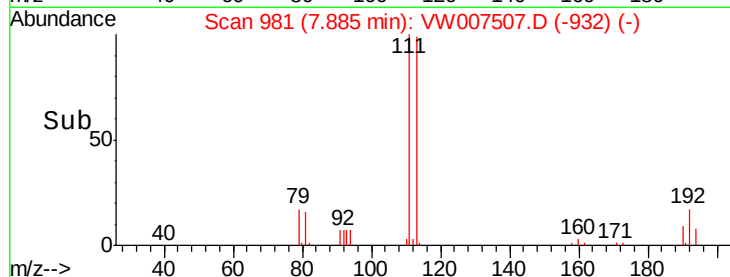
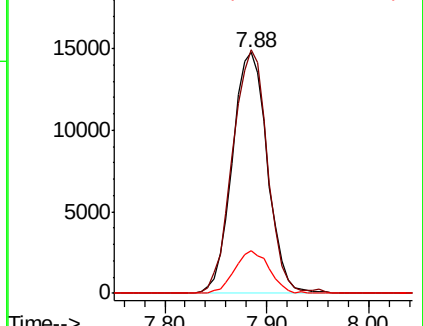
192 17.5 14.6 21.8



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: 5.017 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007507.D

Acq: 14 Dec 2018 01:33

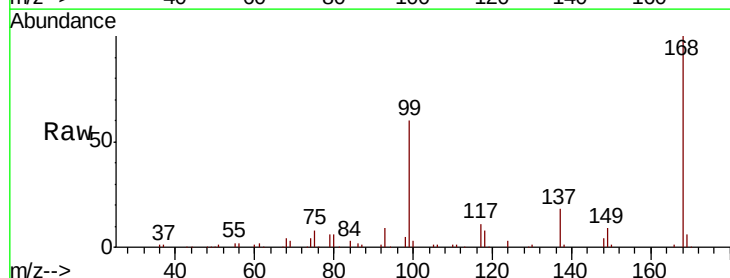
Tgt Ion: 75 Resp: 6754

Ion Ratio Lower Upper

75 100

110 10.5 18.5 55.5#

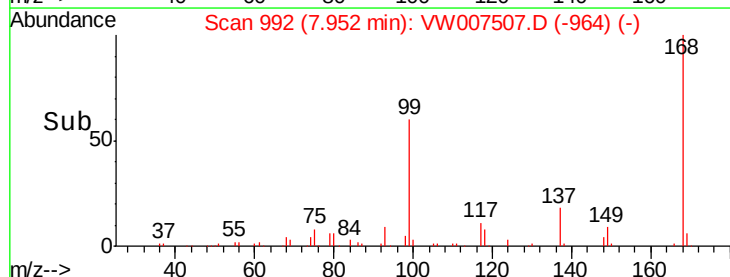
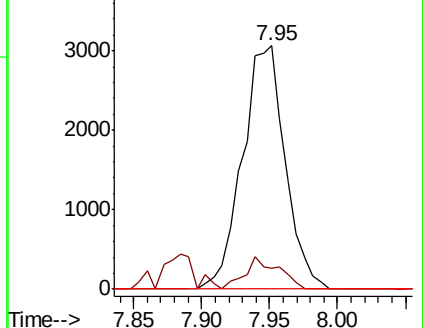
77 0.0 25.6 38.4#

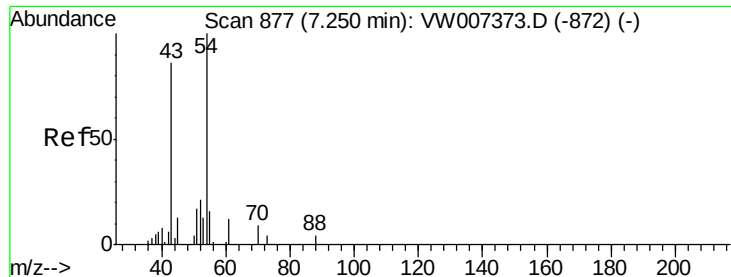


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

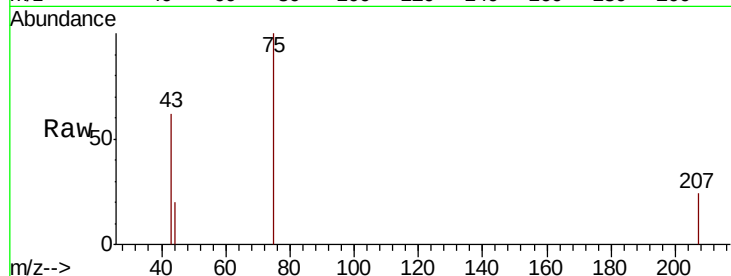




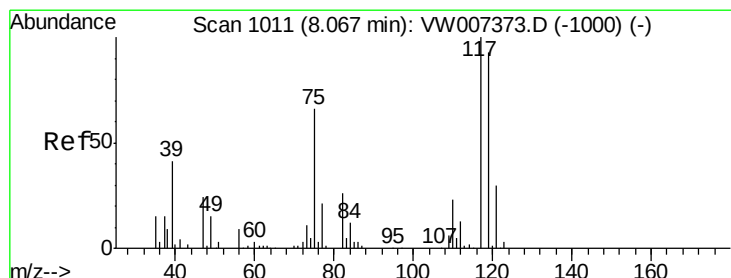
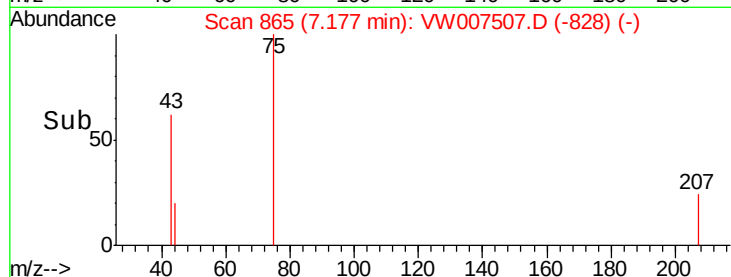
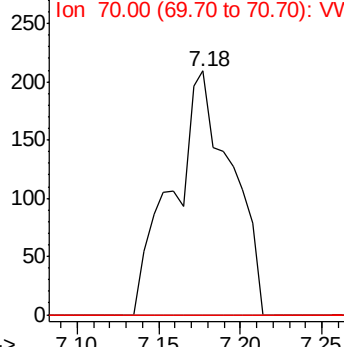
#37
Ethyl Acetate
Concen: 1.056 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.07 min
Lab File: VW007507.D
Acq: 14 Dec 2018 01:33

Instrument :
MSVOA_W
ClientSampleId :
TP-A-FRAME

Tot Ion: 43 Resp: 529
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 10.0 15.0#

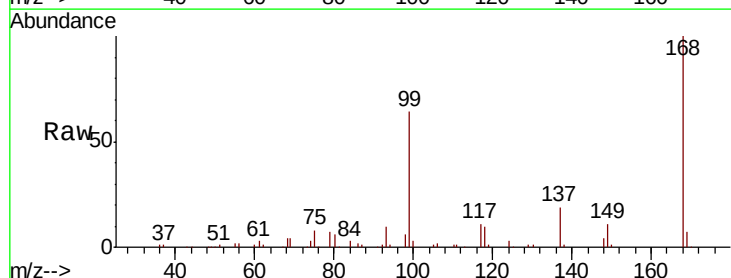


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

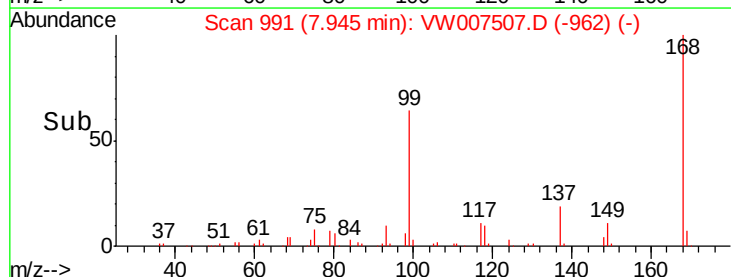
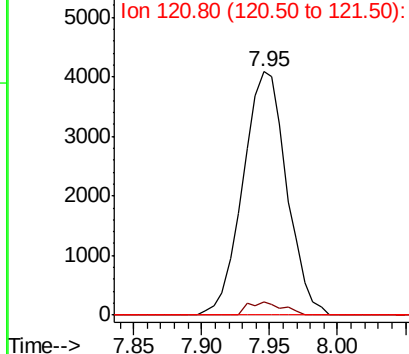


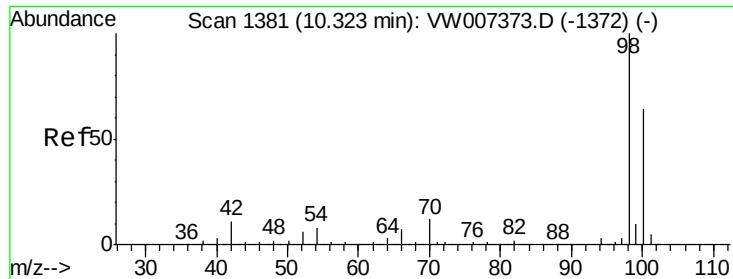
#38
Carbon Tetrachloride
Concen: 6.276 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007507.D
Acq: 14 Dec 2018 01:33

Tgt Ion: 117 Resp: 9194
Ion Ratio Lower Upper
117 100
119 5.6 74.3 111.5#
121 0.0 24.3 36.5#



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

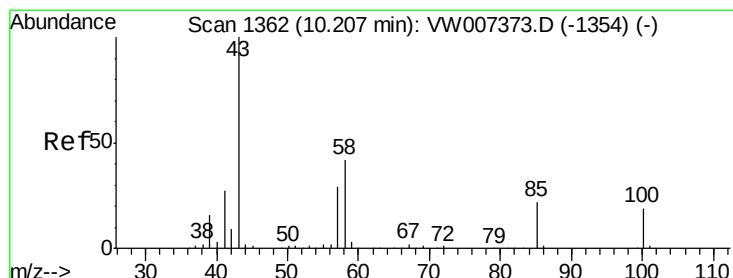
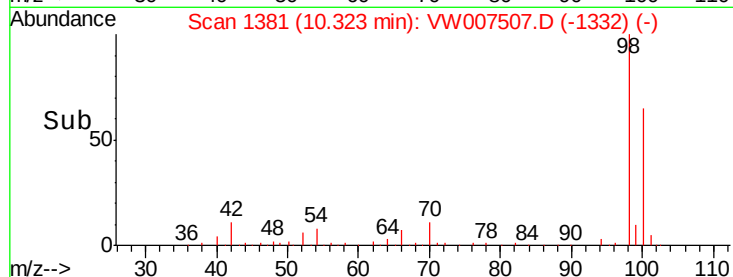
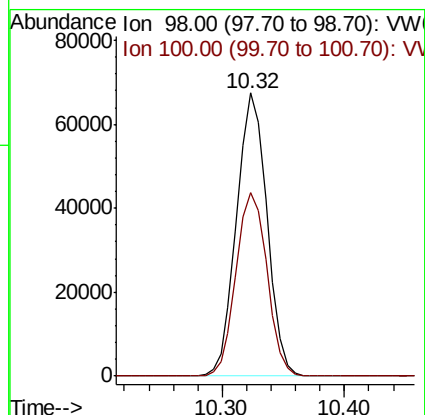
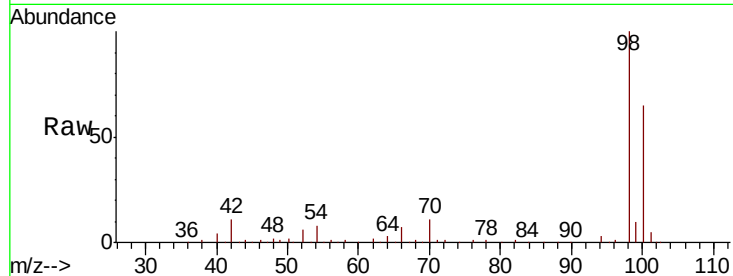




#50
Toluene-d8
Concen: 34.854 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007507.D
Acq: 14 Dec 2018 01:33

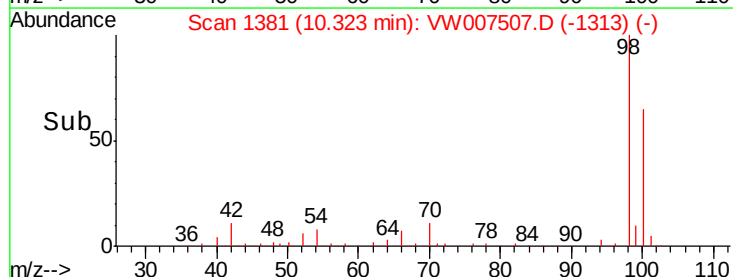
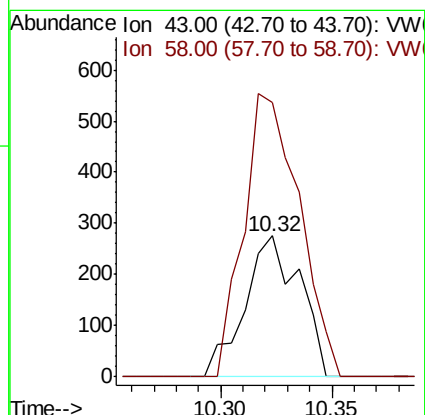
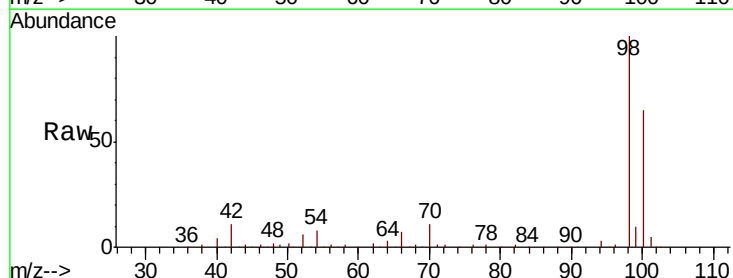
Instrument :
MSVOA_W
ClientSampleId :
TP-A-FRAME

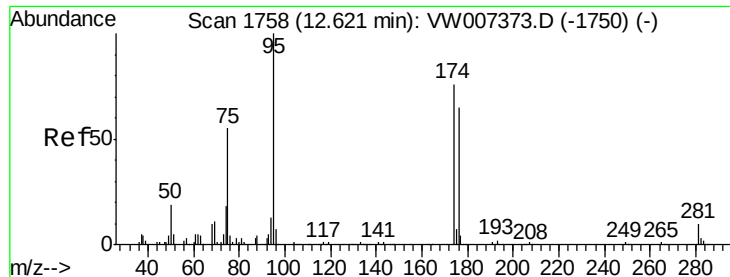
Tot Ion: 98 Resp: 116745
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 1.008 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.12 min
Lab File: VW007507.D
Acq: 14 Dec 2018 01:33

Tgt Ion: 43 Resp: 471
Ion Ratio Lower Upper
43 100
58 203.6 33.1 49.7#

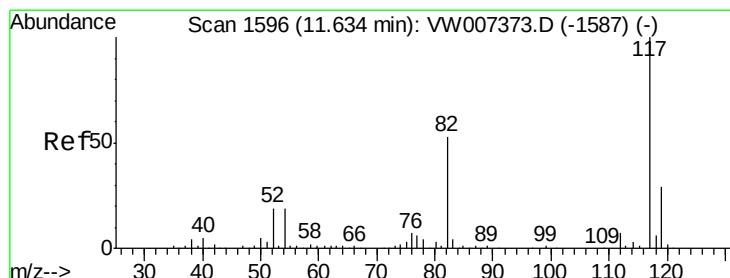
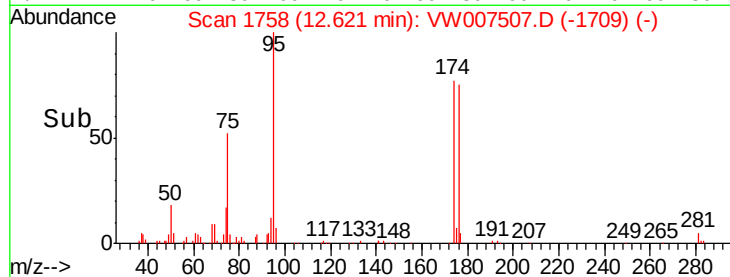
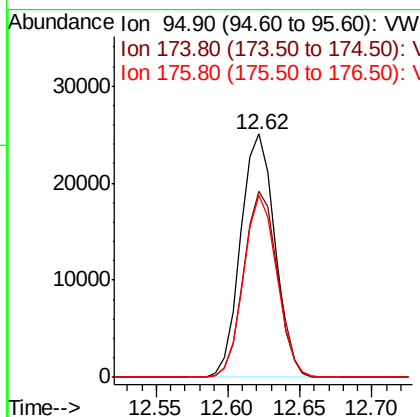
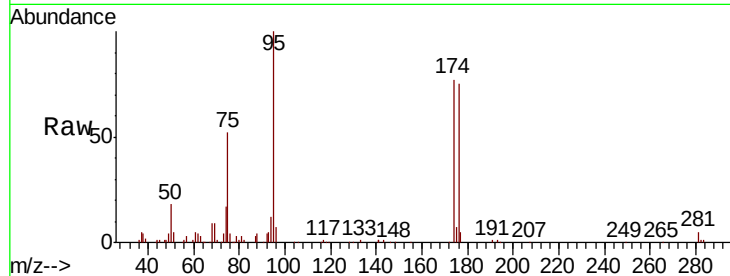




#62
4-Bromofluorobenzene
Concen: 33.493 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007507.D
Acq: 14 Dec 2018 01:33

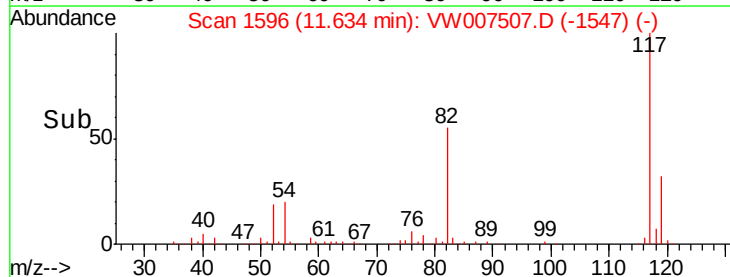
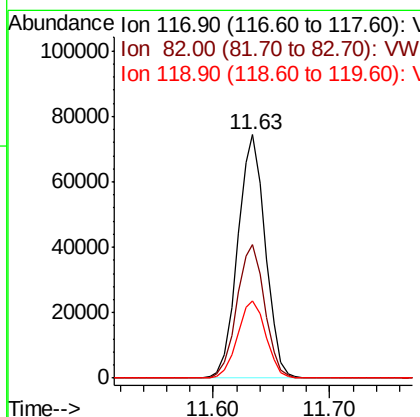
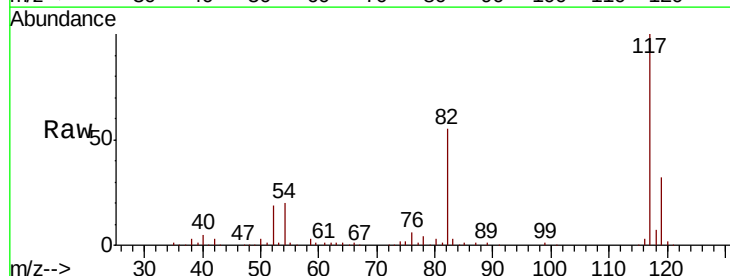
Instrument :
MSVOA_W
ClientSampleId :
TP-A-FRAME

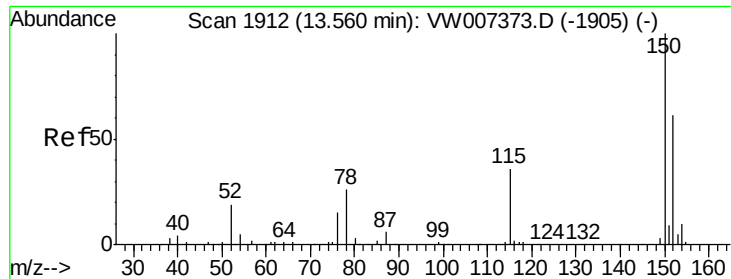
Tot Ion: 95 Resp: 41248
Ion Ratio Lower Upper
95 100
174 75.5 0.0 147.2
176 72.9 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007507.D
Acq: 14 Dec 2018 01:33

Tgt Ion: 117 Resp: 122586
Ion Ratio Lower Upper
117 100
82 55.0 42.3 63.5
119 31.9 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: VW007507.D

Acq: 14 Dec 2018 01:33

Instrument :

MSVOA_W

ClientSampleId :

TP-A-FRAME

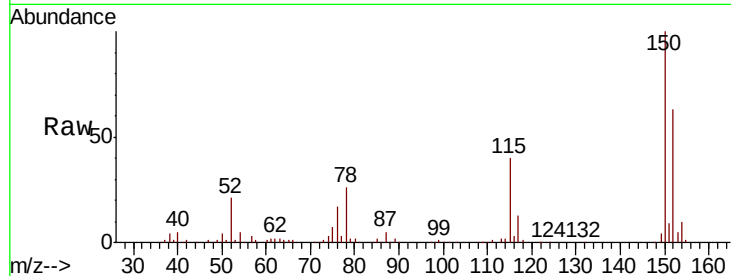
Tot Ion:152 Resp: 48783

Ion Ratio Lower Upper

152 100

115 61.2 31.4 94.2

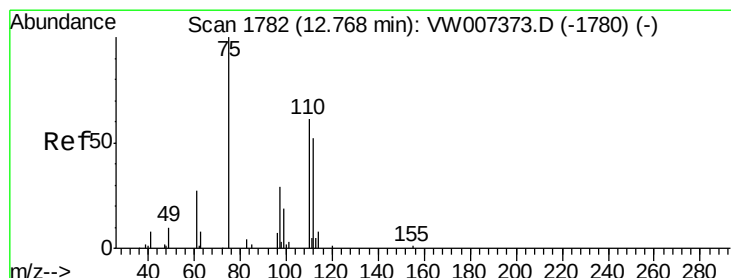
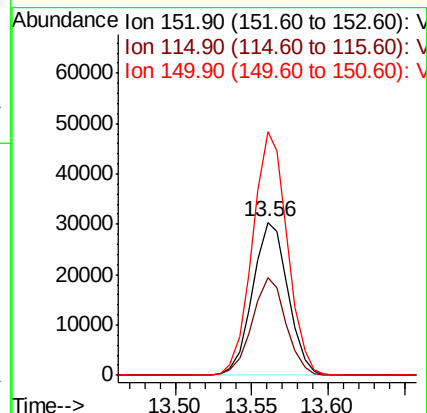
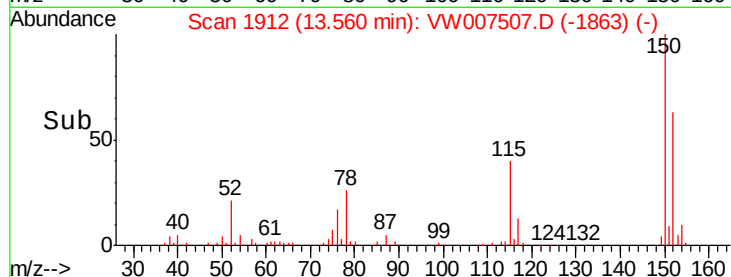
150 156.4 0.0 358.4



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: 50.988 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007507.D

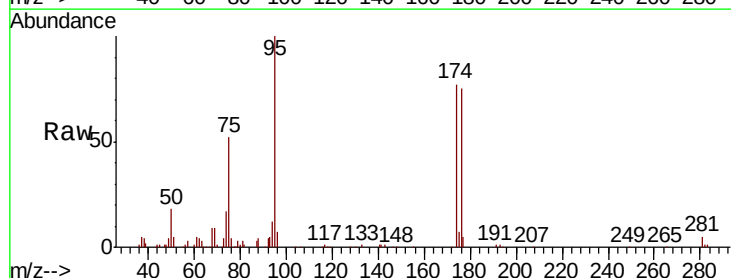
Acq: 14 Dec 2018 01:33

Tgt Ion: 75 Resp: 20509

Ion Ratio Lower Upper

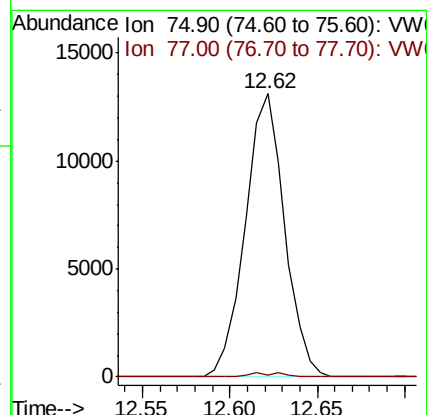
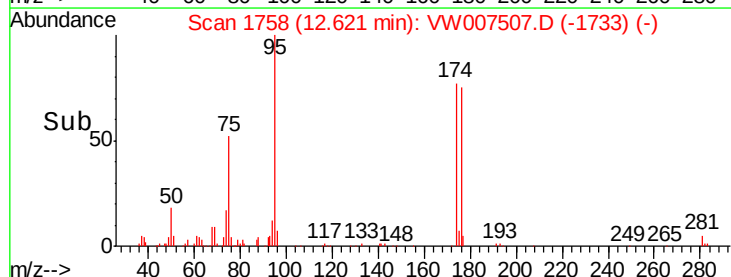
75 100

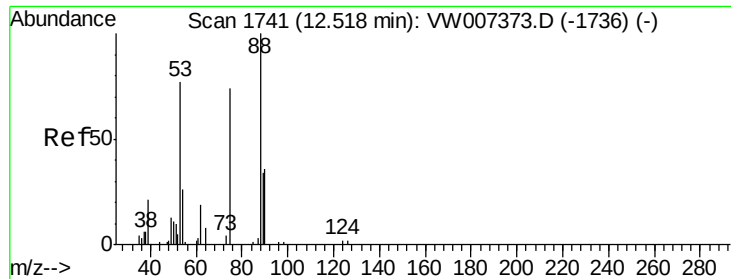
77 1.2 166.9 500.8#



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: 112.633 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007507.D

Acq: 14 Dec 2018 01:33

Instrument :

MSVOA_W

ClientSampleId :

TP-A-FRAME

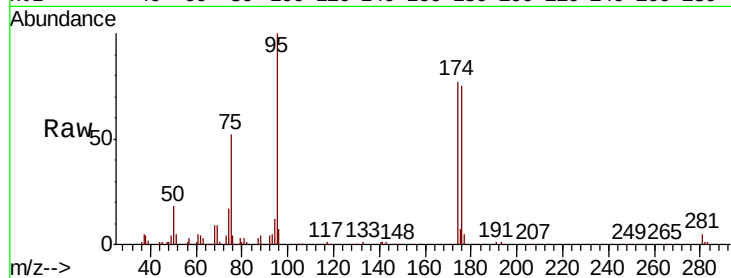
Tot Ion: 75 Resp: 20509

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

