

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007585.D
 Acq On : 15 Dec 2018 16:35
 Operator : SY/AP
 Sample : J6353-09
 Misc : 6.50G/5ML/MSVOA_W/SOIL
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-0002-01

Quant Time: Dec 15 20:25:27 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	72405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	121445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	97045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	39653	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	45840	57.07	ug/l	0.00
Spiked Amount			Recovery	=	114.14%	
35) Dibromofluoromethane	7.88	113	40755	55.44	ug/l	0.00
Spiked Amount			Recovery	=	110.88%	
50) Toluene-d8	10.32	98	129777	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
62) 4-Bromofluorobenzene	12.62	95	45844	45.23	ug/l	0.00
Spiked Amount			Recovery	=	90.46%	

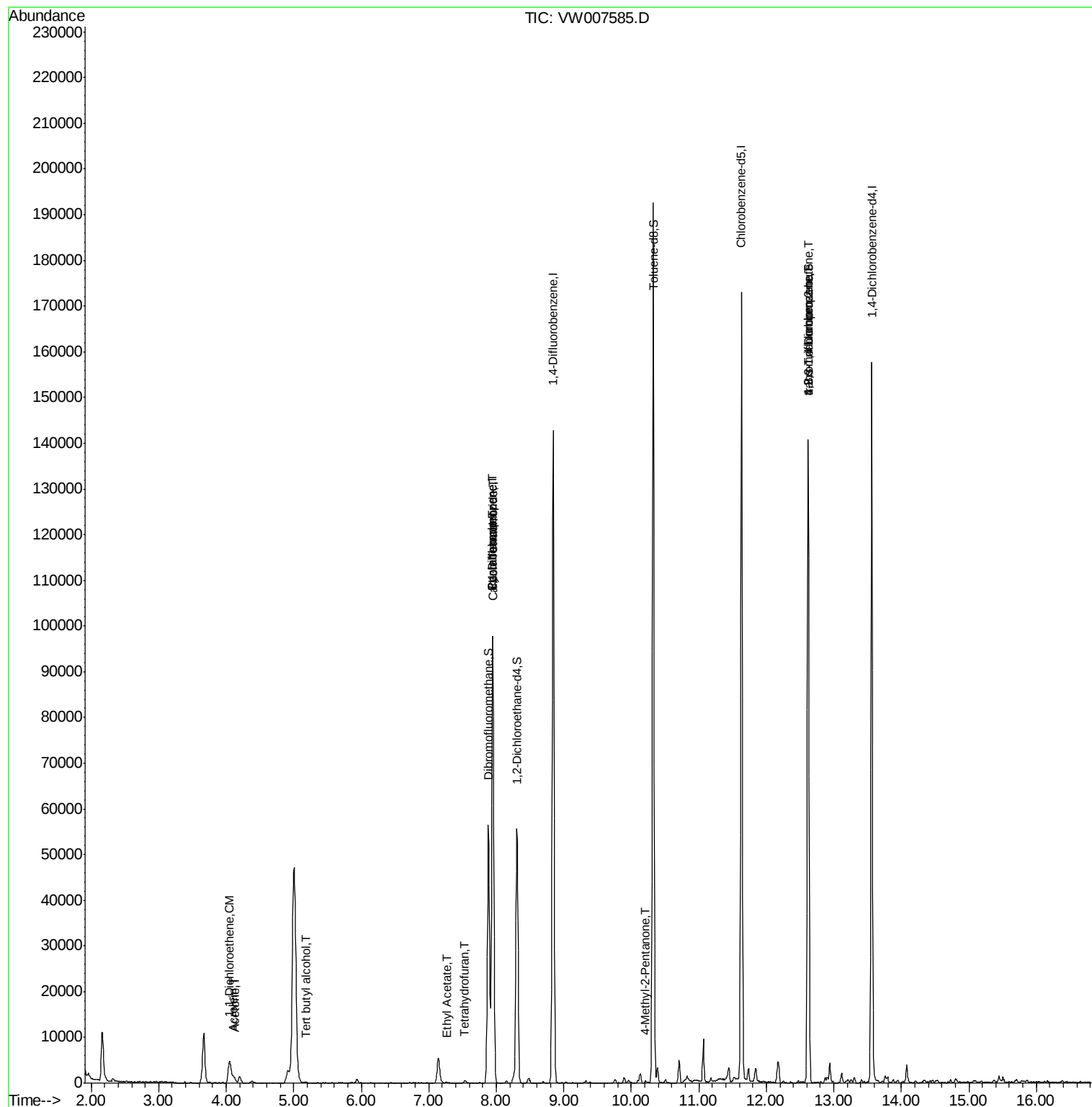
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	355	6.435	ug/l #	74
12) 1,1-Dichloroethene	4.05	96	3381	4.760	ug/l #	91
13) Acrolein	4.10	56	109	2.986	ug/l #	81
16) Acetone	4.13	43	1245	8.873	ug/l #	79
20) Methylene Chloride	4.91	84	2470	Below Cal		92
29) Tetrahydrofuran	7.53	42	255	2.199	ug/l #	80
31) Cyclohexane	7.95	56	1404	1.125	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	5502	4.966	ug/l #	49
37) Ethyl Acetate	7.26	43	602	1.461	ug/l #	66
38) Carbon Tetrachloride	7.96	117	7751	6.430	ug/l #	16
51) 4-Methyl-2-Pentanone	10.21	43	471	1.225	ug/l #	83
76) 1,2,3-Trichloropropane	12.62	75	23779	72.730	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	23779	160.661	ug/l #	7

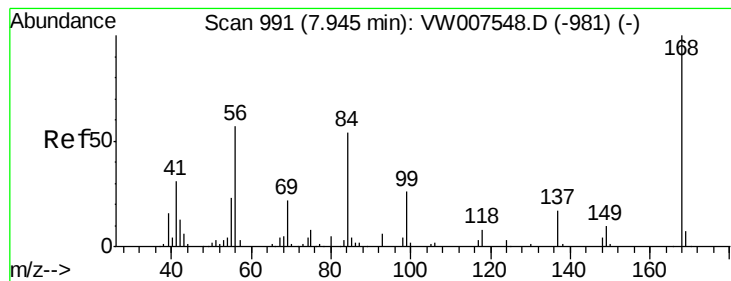
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007585.D

Acq: 15 Dec 2018 16:35

Instrument :

MSVOA_W

ClientSampleId :

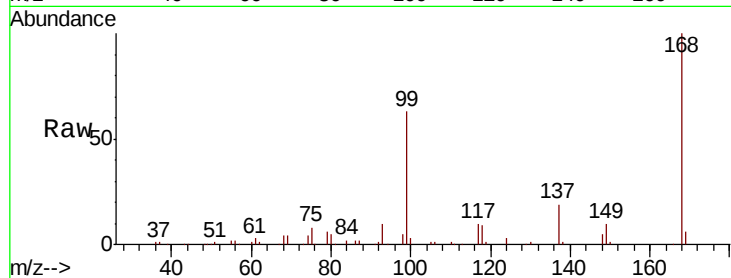
P001-SS006-0002-01

Tgt Ion: 168 Resp: 72405

Ion Ratio Lower Upper

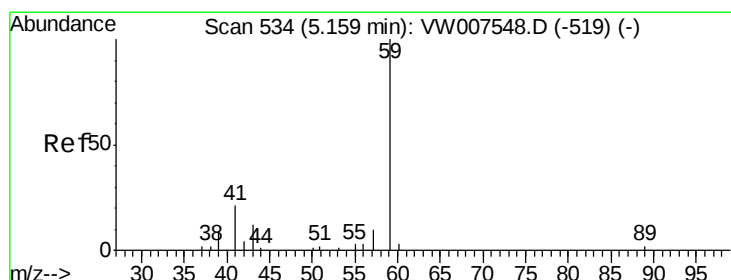
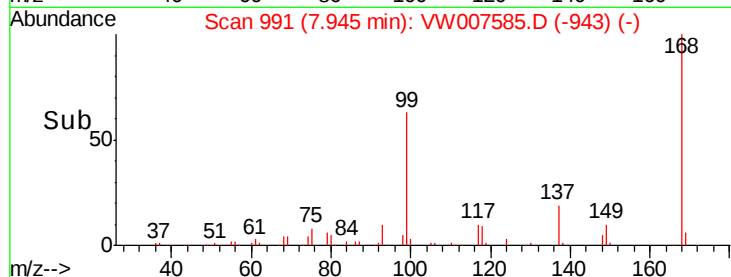
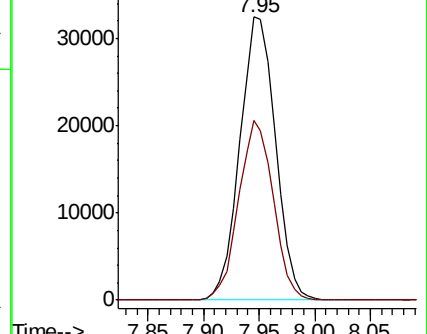
168 100

99 63.3 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 6.435 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.02 min

Lab File: VW007585.D

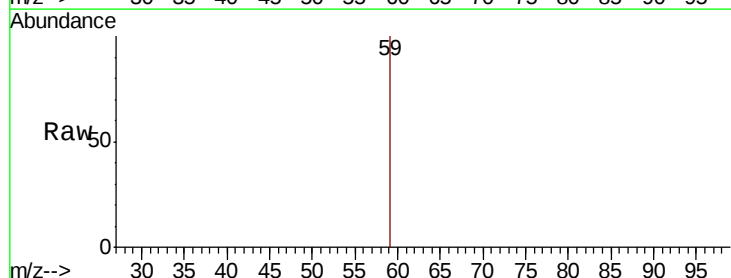
Acq: 15 Dec 2018 16:35

Tgt Ion: 59 Resp: 355

Ion Ratio Lower Upper

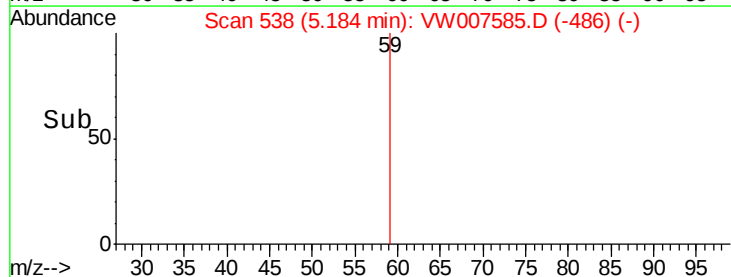
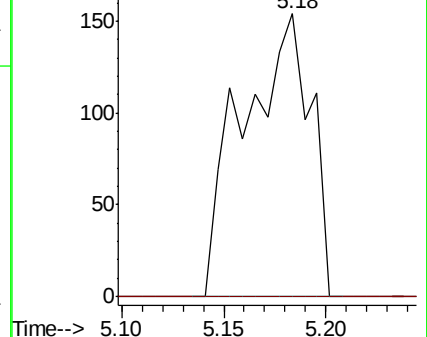
59 100

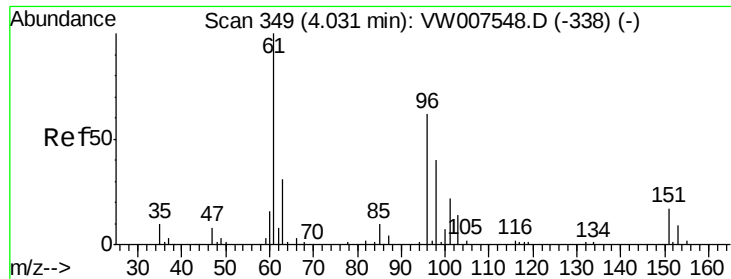
57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

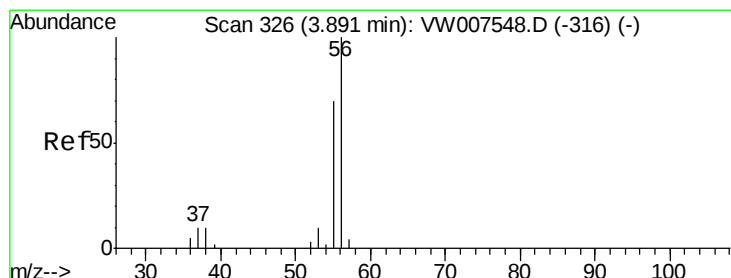
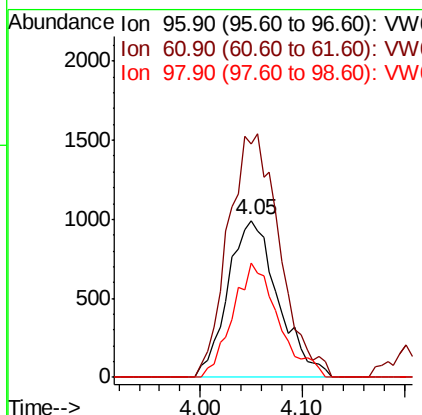
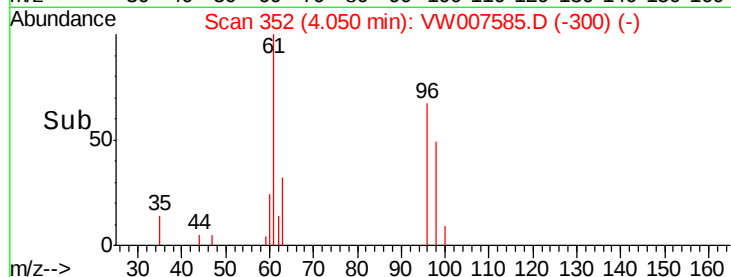
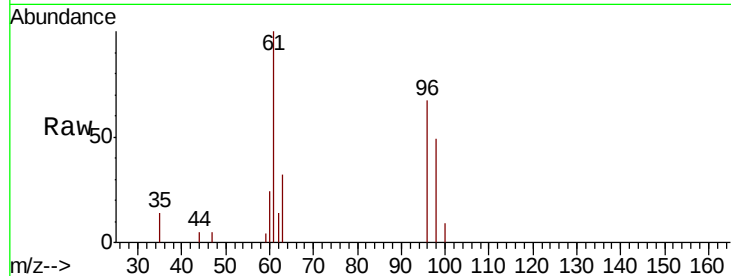




#12
 1,1-Dichloroethene
 Concen: 4.760 ug/l
 RT: 4.05 min Scan# 352
 Delta R.T. 0.02 min
 Lab File: VW007585.D
 Acq: 15 Dec 2018 16:35

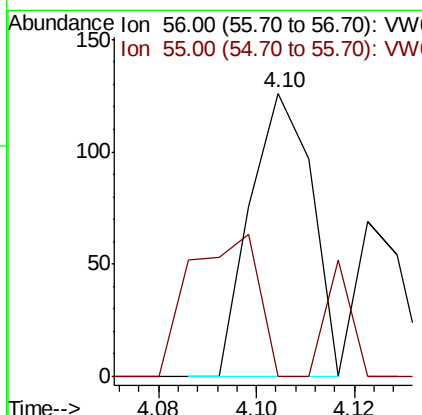
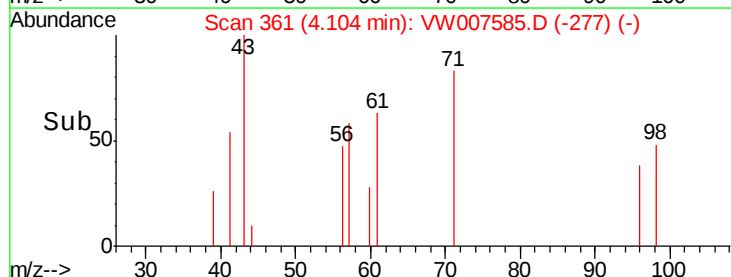
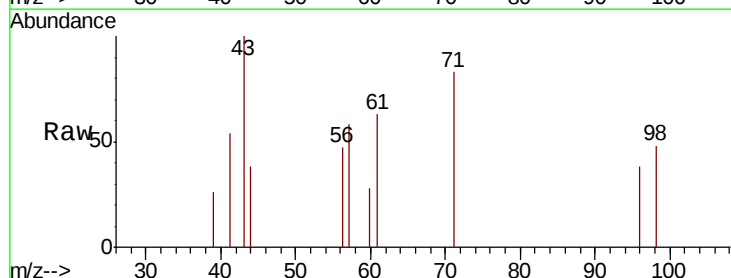
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-0002-01

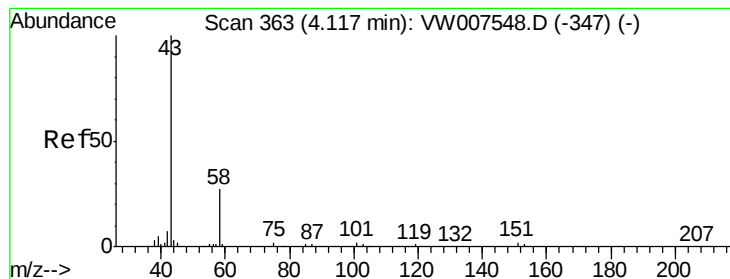
Tgt Ion: 96 Resp: 3381
 Ion Ratio Lower Upper
 96 100
 61 149.1 126.2 189.2
 98 73.2 48.3 72.5#



#13
 Acrolein
 Concen: 2.986 ug/l
 RT: 4.10 min Scan# 361
 Delta R.T. 0.21 min
 Lab File: VW007585.D
 Acq: 15 Dec 2018 16:35

Tgt Ion: 56 Resp: 109
 Ion Ratio Lower Upper
 56 100
 55 56.0 57.4 86.2#





#16

Acetone

Concen: 8.873 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007585.D

Acq: 15 Dec 2018 16:35

Instrument :

MSVOA_W

ClientSampleId :

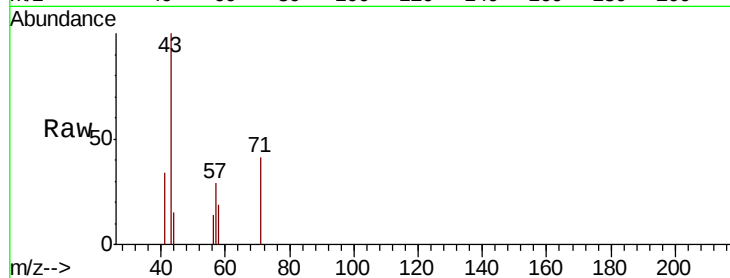
P001-SS006-0002-01

Tgt Ion: 43 Resp: 1245

Ion Ratio Lower Upper

43 100

58 19.5 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

400

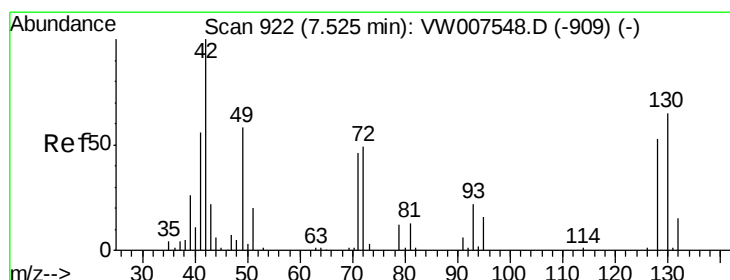
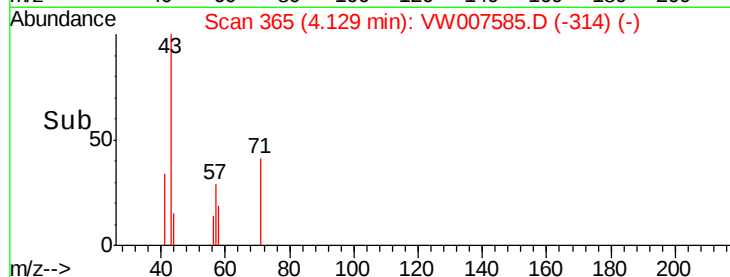
300

200

100

0

Time-->



#29

Tetrahydrofuran

Concen: 2.199 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW007585.D

Acq: 15 Dec 2018 16:35

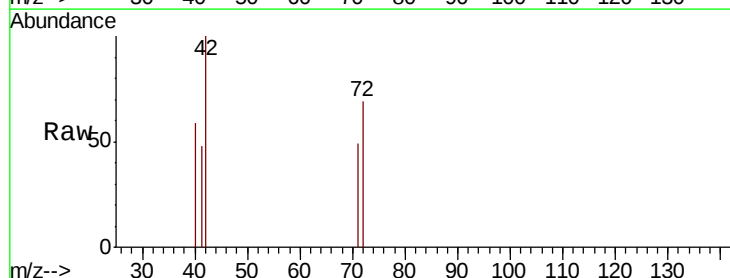
Tgt Ion: 42 Resp: 255

Ion Ratio Lower Upper

42 100

72 70.2 38.2 57.4#

71 40.0 35.5 53.3



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

200

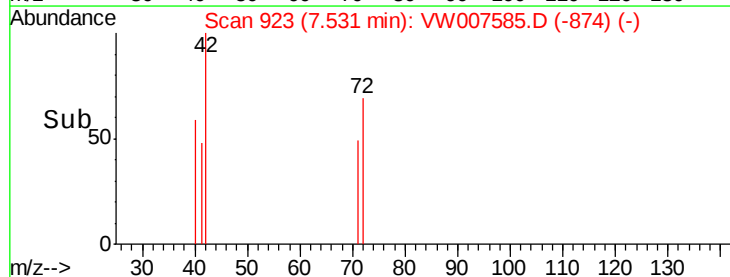
150

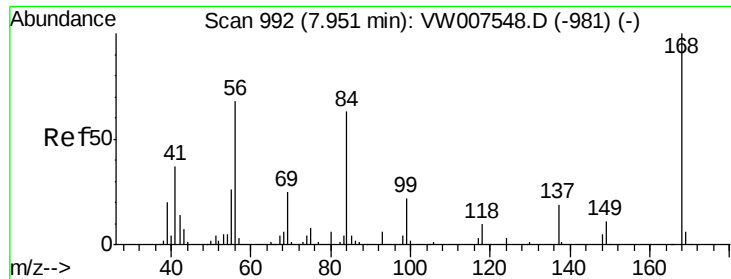
100

50

0

Time-->

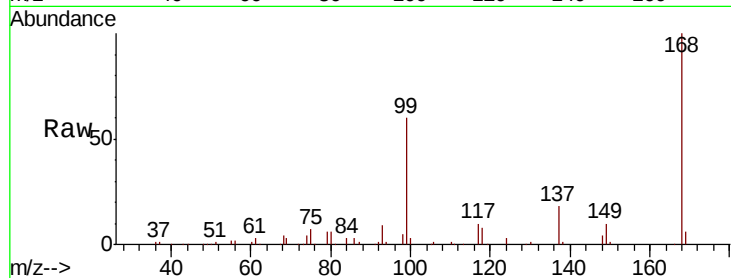




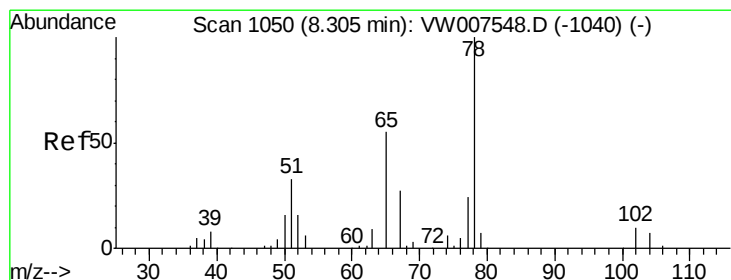
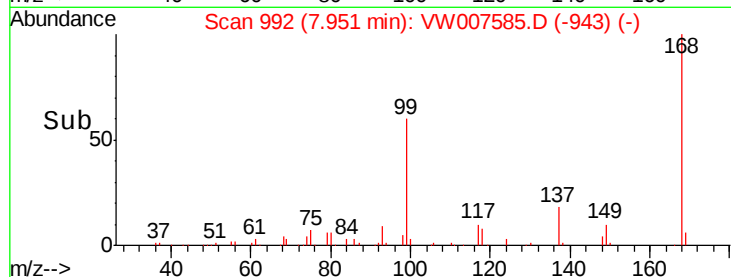
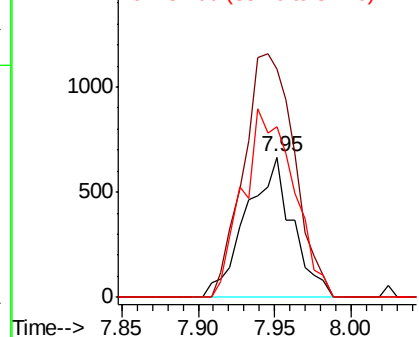
#31
Cyclohexane
Concen: 1.125 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007585.D
Acq: 15 Dec 2018 16:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-0002-01

Tgt Ion: 56 Resp: 1404
Ion Ratio Lower Upper
56 100
69 162.5 28.9 43.3#
84 121.4 71.8 107.6#

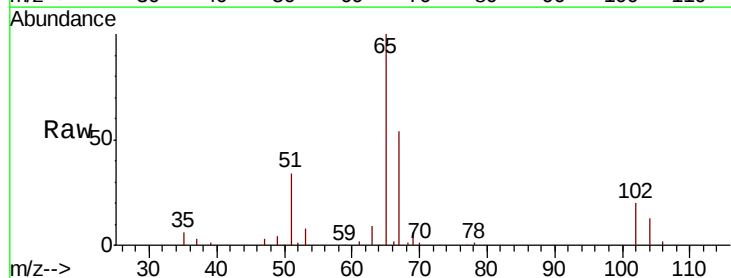


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

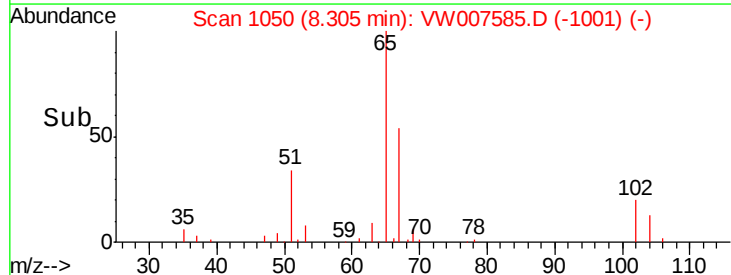
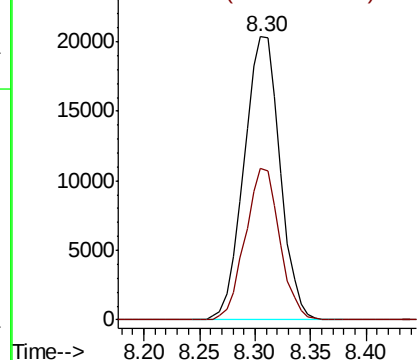


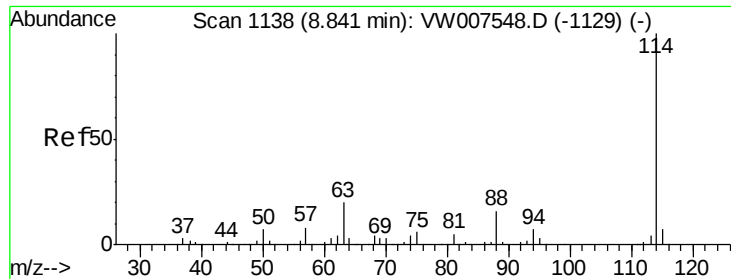
#33
1,2-Dichloroethane-d4
Concen: 57.066 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007585.D
Acq: 15 Dec 2018 16:35

Tgt Ion: 65 Resp: 45840
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.6



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

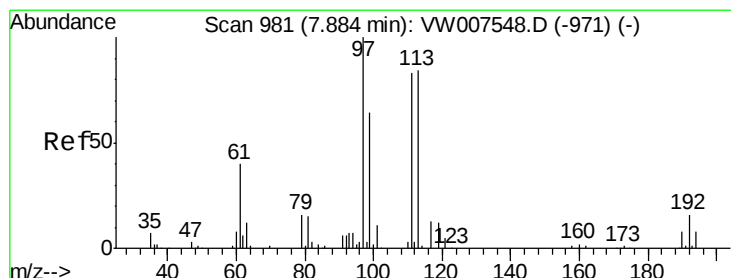
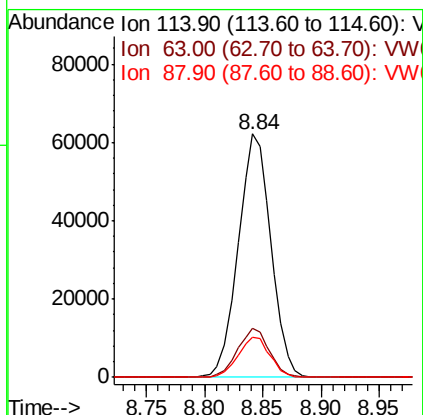
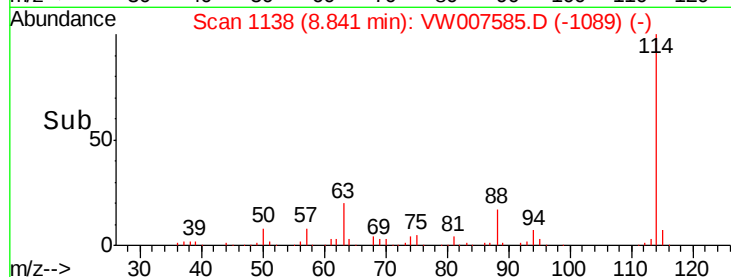
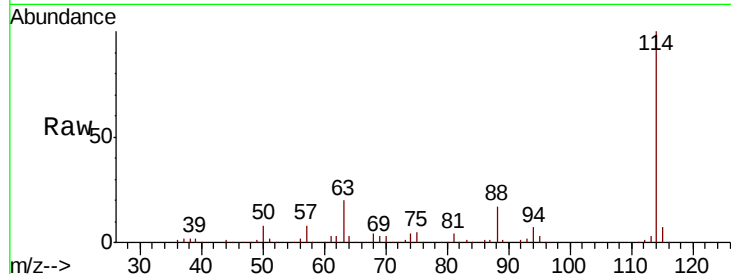




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007585.D
Acq: 15 Dec 2018 16:35

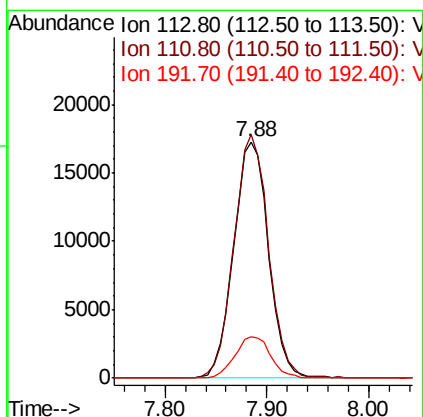
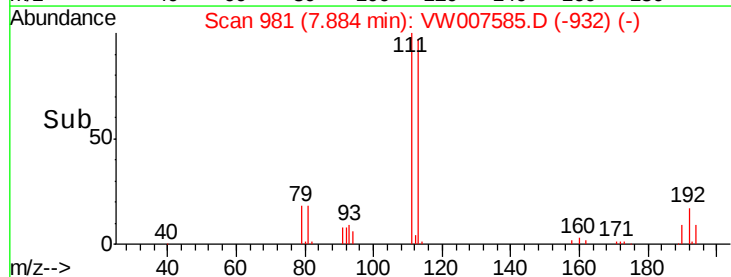
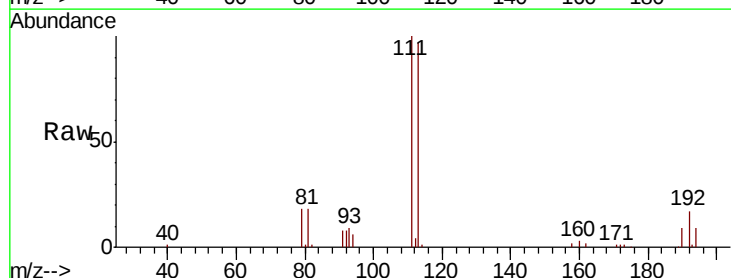
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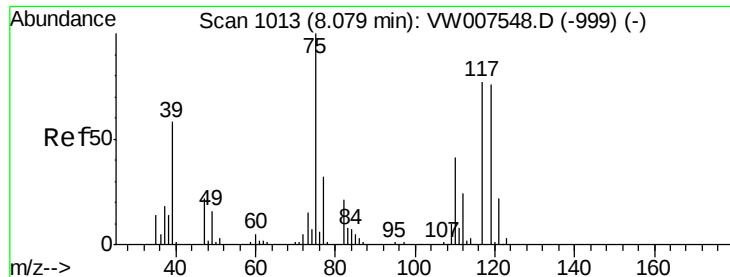
Tgt Ion:114 Resp: 121445
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.6
88 16.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 55.437 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007585.D
Acq: 15 Dec 2018 16:35

Tgt Ion:113 Resp: 40755
Ion Ratio Lower Upper
113 100
111 102.5 81.1 121.7
192 17.7 14.6 21.8

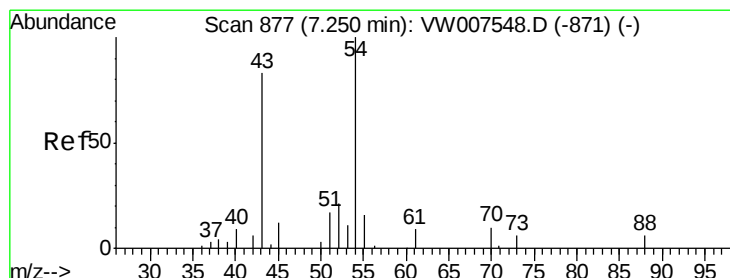
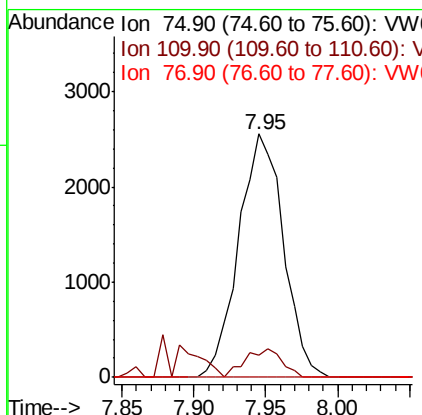
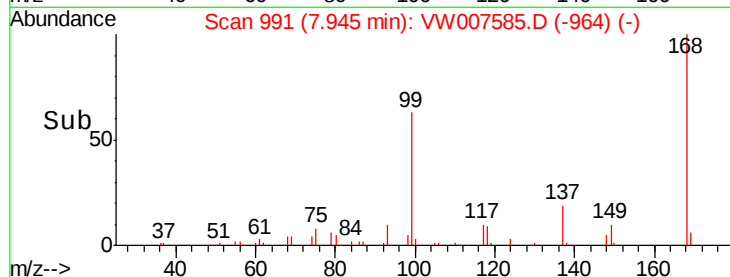
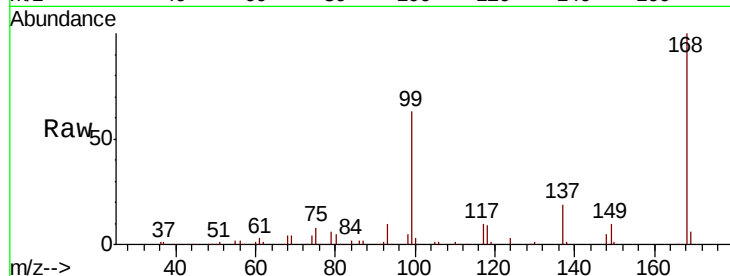




#36
 1,1-Dichloropropene
 Concen: 4.966 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007585.D
 Acq: 15 Dec 2018 16:35

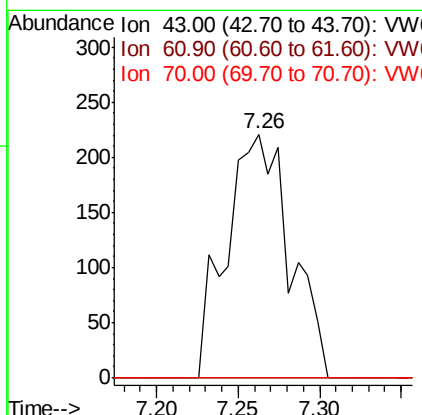
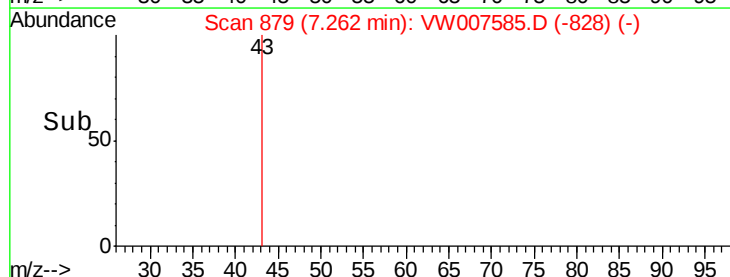
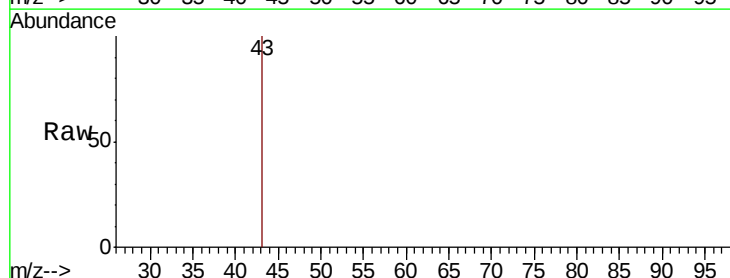
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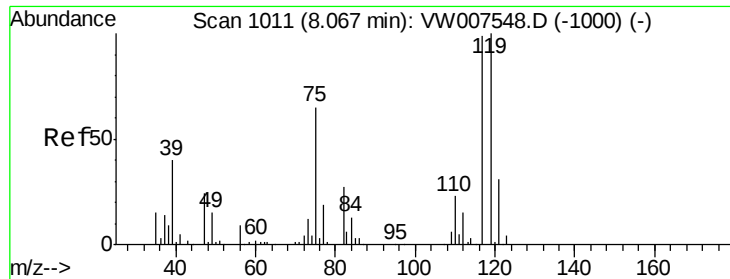
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.5	55.5#
77	0.0	25.6	38.4#



#37
 Ethyl Acetate
 Concen: 1.461 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: VW007585.D
 Acq: 15 Dec 2018 16:35

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	0.0	10.0	15.0#

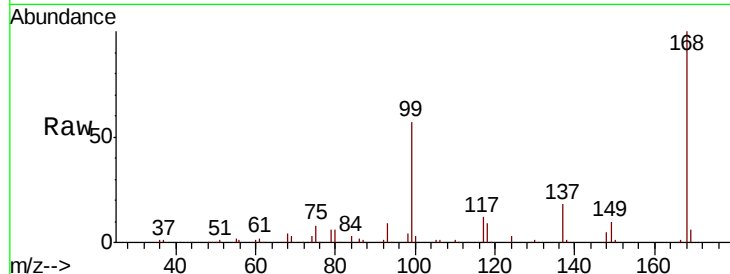




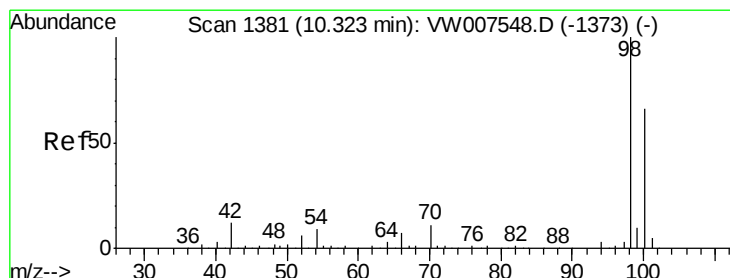
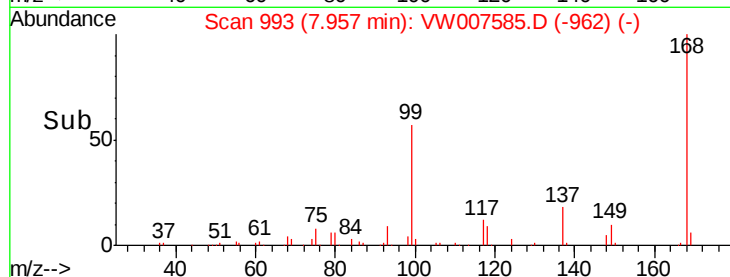
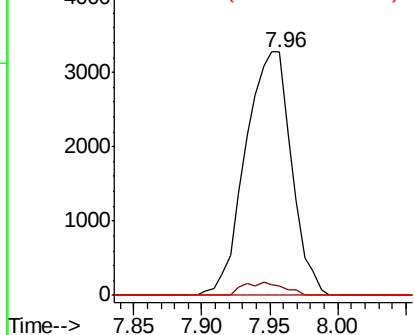
#38
Carbon Tetrachloride
Concen: 6.430 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.11 min
Lab File: VW007585.D
Acq: 15 Dec 2018 16:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-0002-01

Tgt Ion:117 Resp: 7751
Ion Ratio Lower Upper
117 100
119 3.9 74.3 111.5#
121 0.0 24.3 36.5#

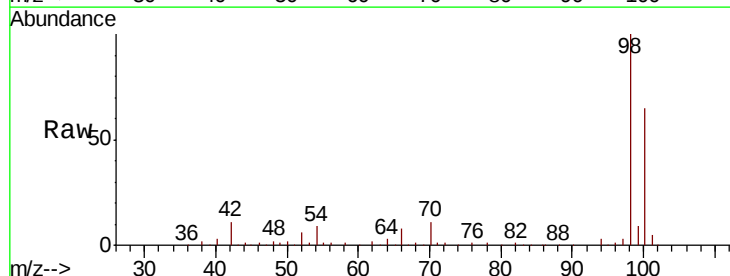


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

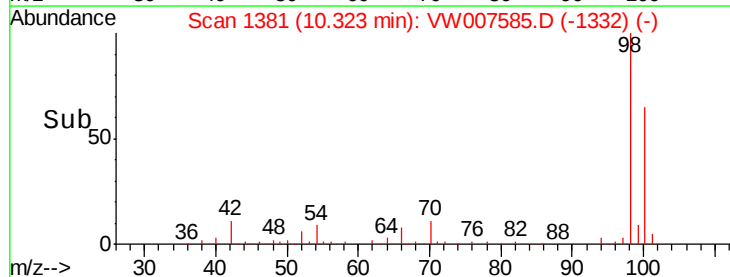
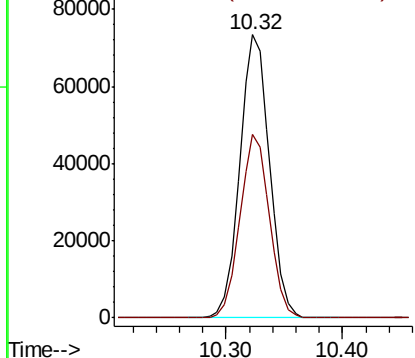


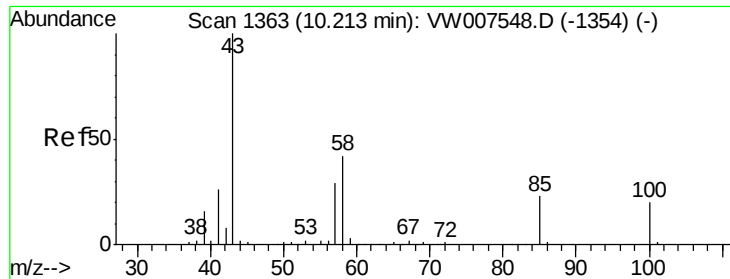
#50
Toluene-d8
Concen: 47.082 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007585.D
Acq: 15 Dec 2018 16:35

Tgt Ion: 98 Resp: 129777
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8



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

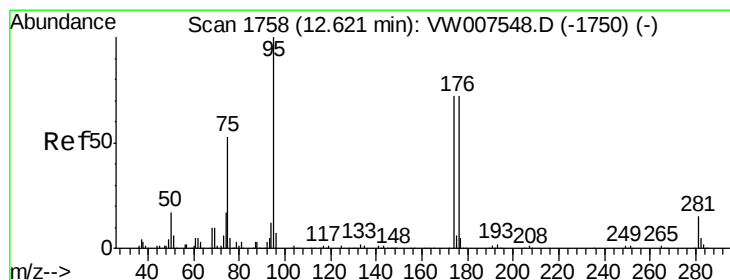
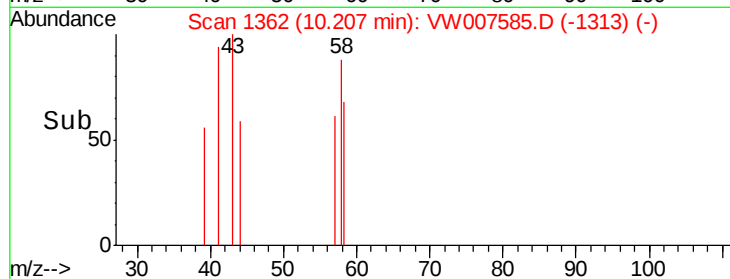
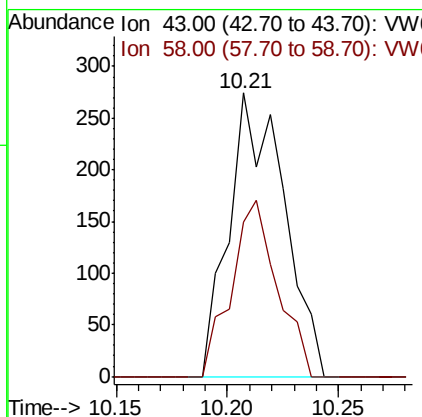
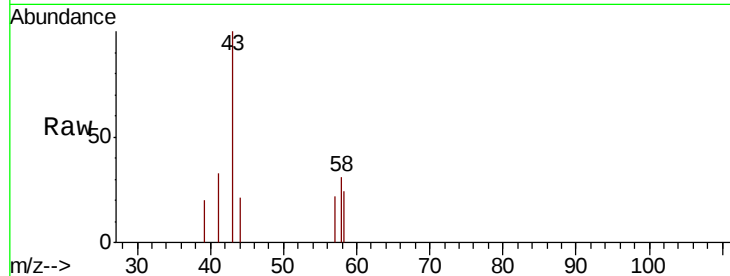




#51
 4-Methyl-2-Pentanone
 Concen: 1.225 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW007585.D
 Acq: 15 Dec 2018 16:35

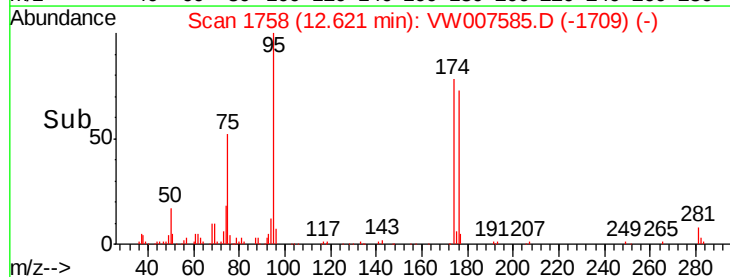
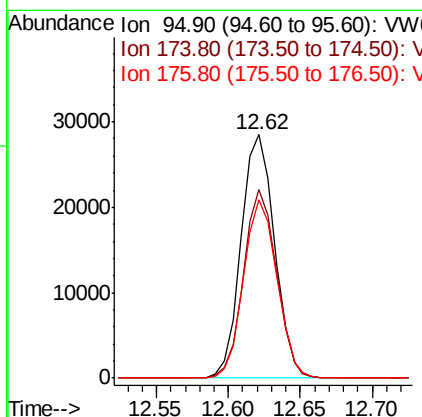
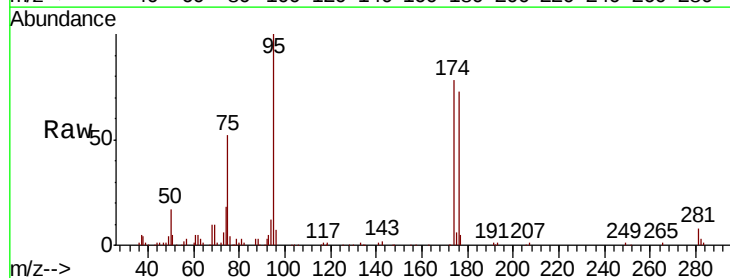
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-0002-01

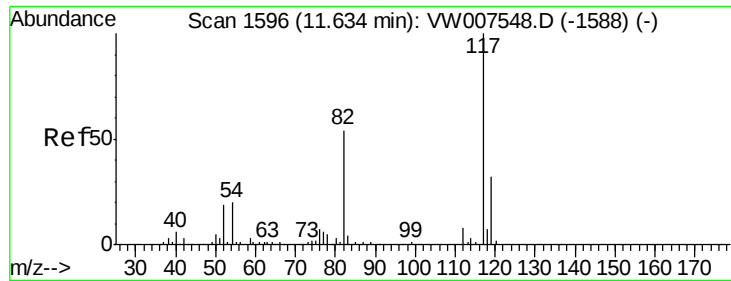
Tgt Ion: 43 Resp: 471
 Ion Ratio Lower Upper
 43 100
 58 51.8 33.1 49.7#



#62
 4-Bromofluorobenzene
 Concen: 45.235 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007585.D
 Acq: 15 Dec 2018 16:35

Tgt Ion: 95 Resp: 45844
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 147.2
 176 73.1 0.0 138.8

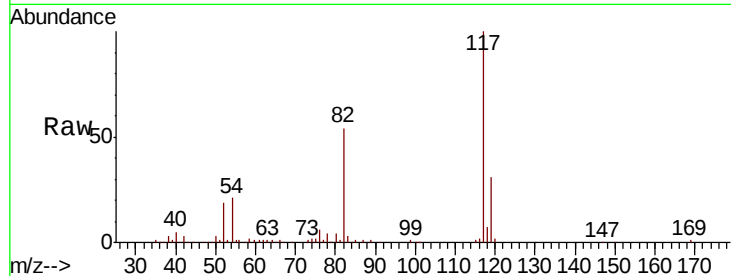




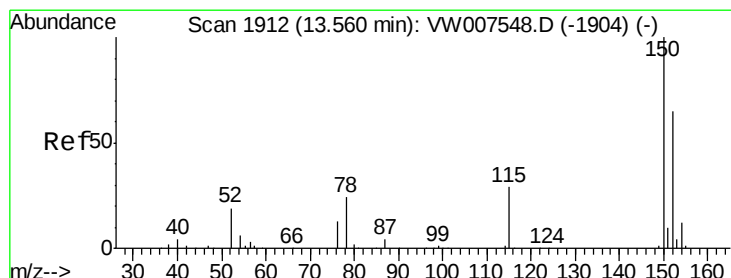
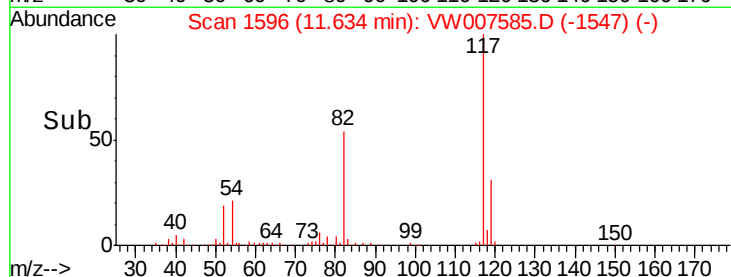
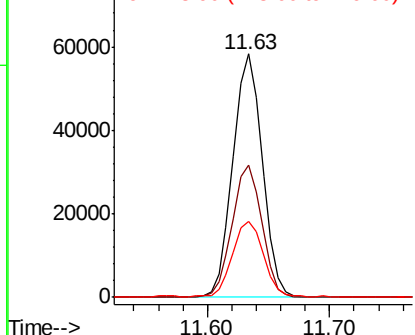
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007585.D
Acq: 15 Dec 2018 16:35

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-0002-01

Tgt Ion:117 Resp: 97045
Ion Ratio Lower Upper
117 100
82 54.4 42.3 63.5
119 31.1 23.0 34.6

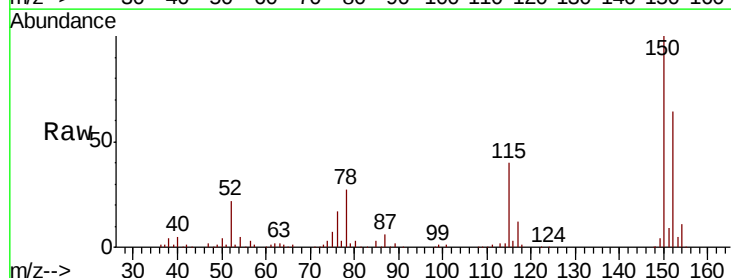


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

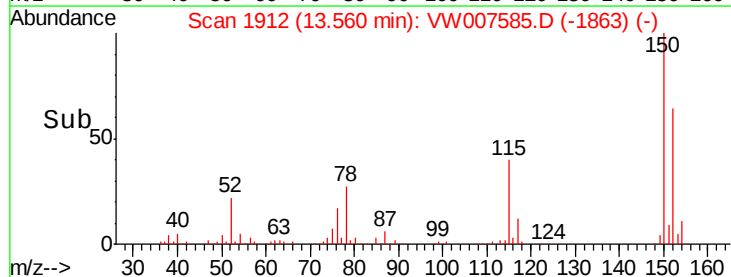
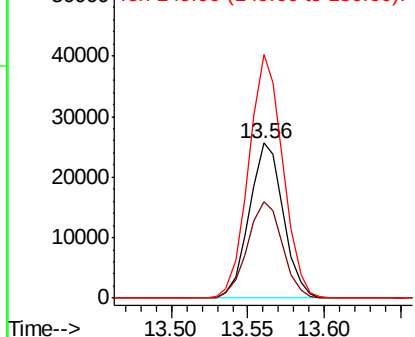


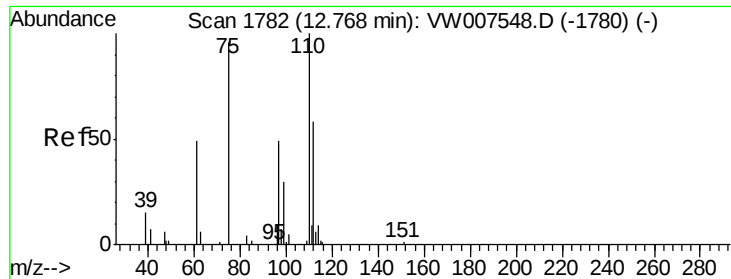
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007585.D
Acq: 15 Dec 2018 16:35

Tgt Ion:152 Resp: 39653
Ion Ratio Lower Upper
152 100
115 63.5 31.4 94.2
150 157.9 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: 72.730 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007585.D

Acq: 15 Dec 2018 16:35

Instrument :

MSVOA_W

ClientSampleId :

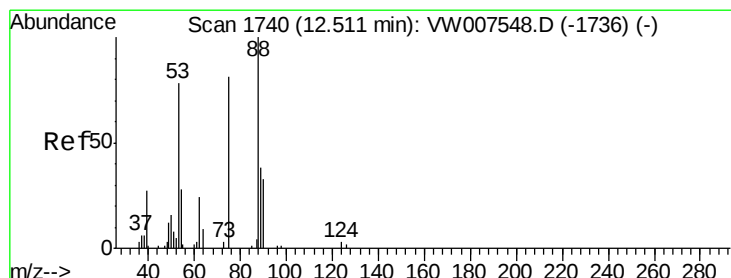
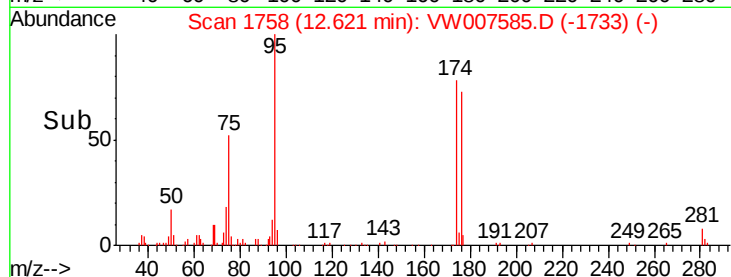
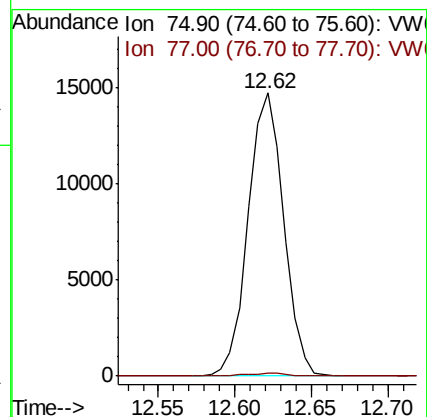
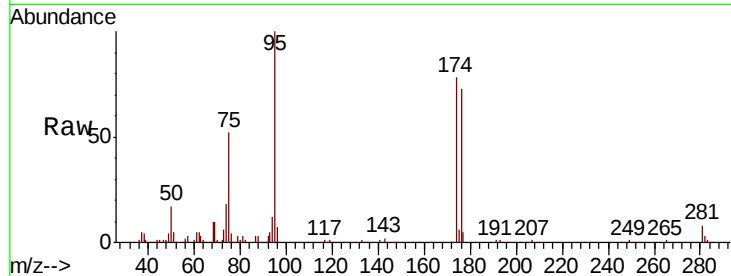
P001-SS006-0002-01

Tgt Ion: 75 Resp: 23779

Ion Ratio Lower Upper

75 100

77 1.1 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 160.661 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007585.D

Acq: 15 Dec 2018 16:35

Tgt Ion: 75 Resp: 23779

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.2 40.3 60.5#

