

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007571.D
 Acq On : 15 Dec 2018 08:50
 Operator : SY/AP
 Sample : J6391-10
 Misc : 4.57G/5ML/MSVOA_W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-1218-01

Quant Time: Dec 15 19:32:54 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	55326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	92795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	59607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	15750	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	36293	59.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.26%	
35) Dibromofluoromethane	7.88	113	31026	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
50) Toluene-d8	10.32	98	87620	41.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.20%	
62) 4-Bromofluorobenzene	12.62	95	19881	25.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.34%	

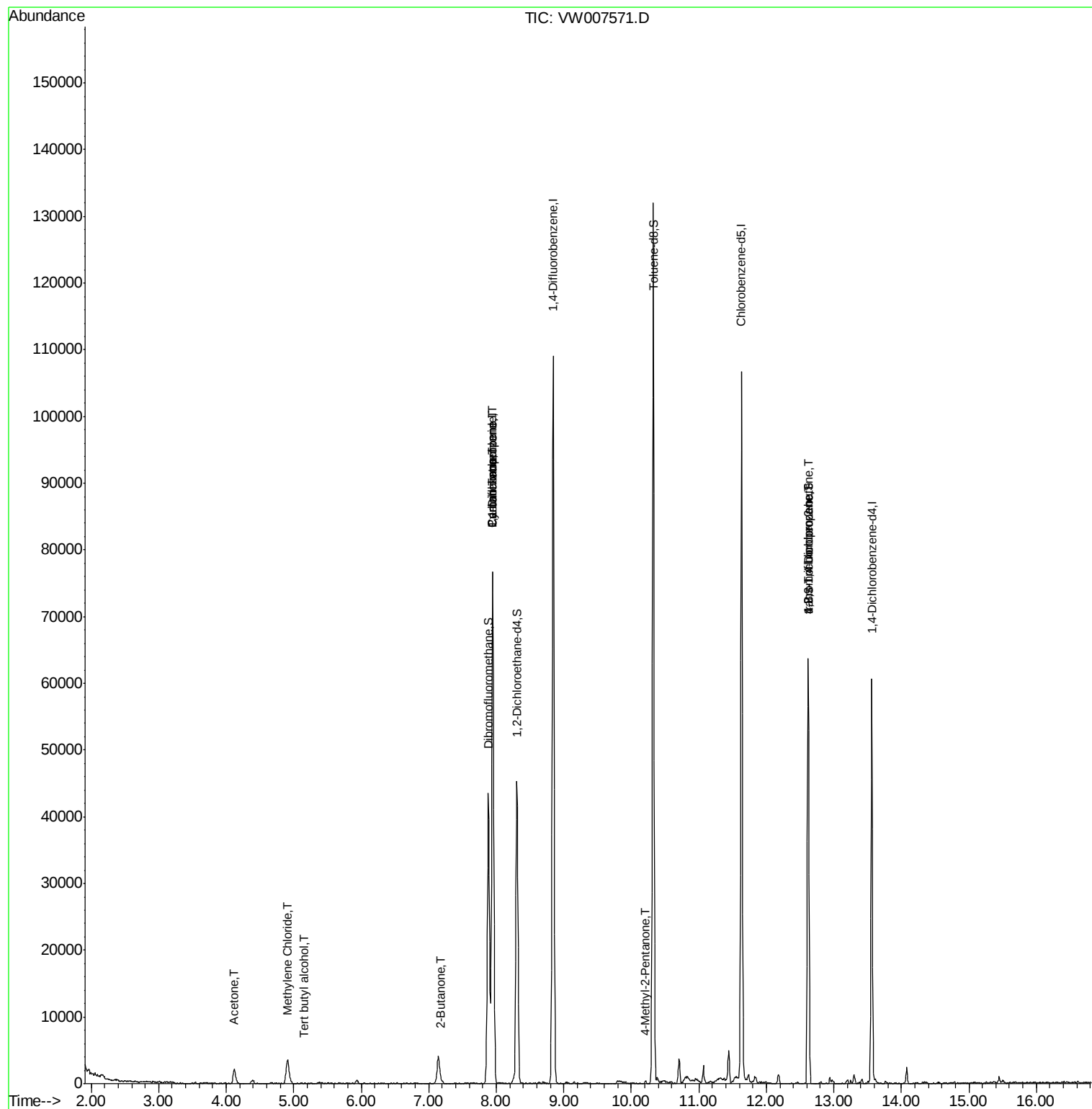
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	60	1.423	ug/l #	74
16) Acetone	4.12	43	3855	35.957	ug/l	96
20) Methylene Chloride	4.91	84	3045	1.384	ug/l #	87
25) 2-Butanone	7.18	43	747	5.337	ug/l #	45
31) Cyclohexane	7.95	56	1104	1.158	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	4149	4.901	ug/l #	48
38) Carbon Tetrachloride	7.95	117	6073	6.593	ug/l #	18
51) 4-Methyl-2-Pentanone	10.21	43	373	1.269	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	10484	80.731	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	10484	178.336	ug/l #	7

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

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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: VW007571.D

Acq: 15 Dec 2018 08:50

Instrument :

MSVOA_W

ClientSampleId :

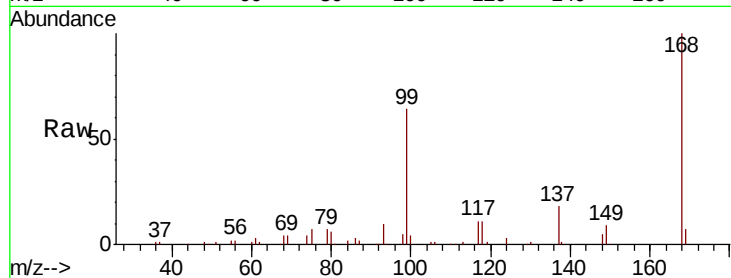
P001-SS016-1218-01

Tgt Ion: 168 Resp: 55326

Ion Ratio Lower Upper

168 100

99 64.3 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

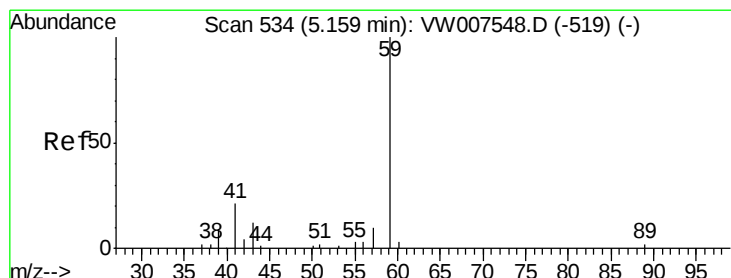
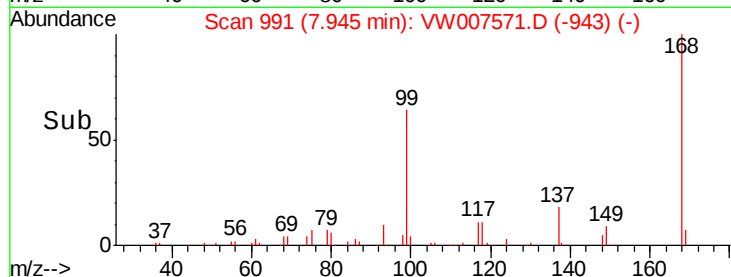
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: 1.423 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW007571.D

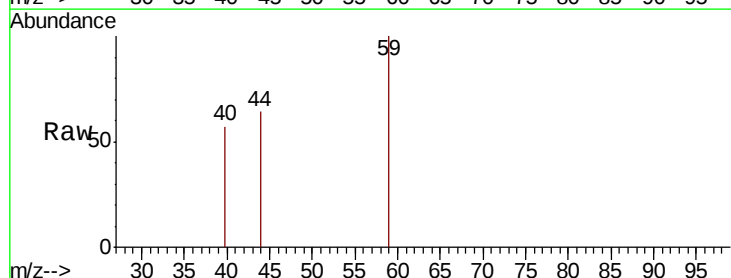
Acq: 15 Dec 2018 08:50

Tgt Ion: 59 Resp: 60

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

5.16

100

80

60

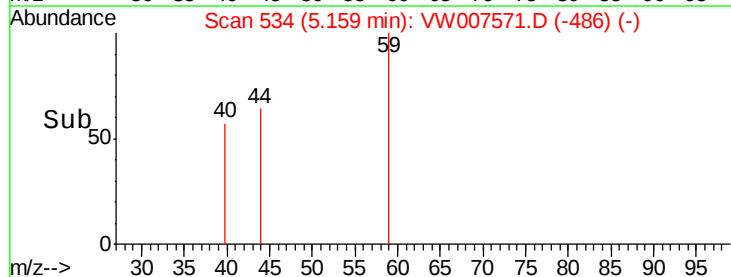
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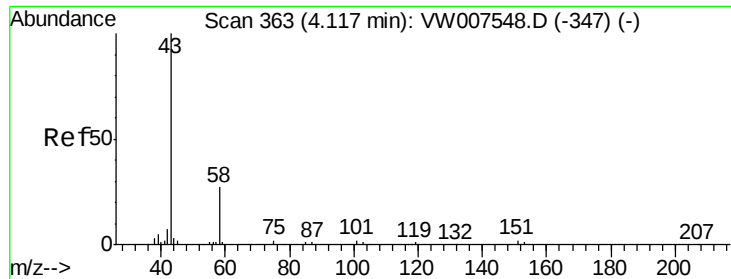
20

0

Time-->

5.14 5.16 5.18





#16

Acetone

Concen: 35.957 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007571.D

Acq: 15 Dec 2018 08:50

Instrument :

MSVOA_W

ClientSampleId :

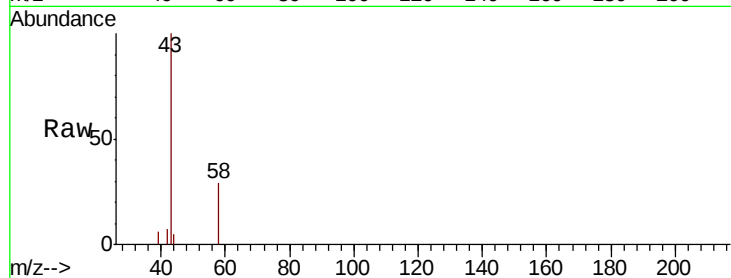
P001-SS016-1218-01

Tgt Ion: 43 Resp: 3855

Ion Ratio Lower Upper

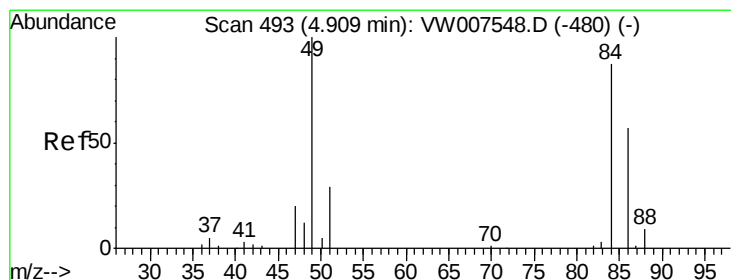
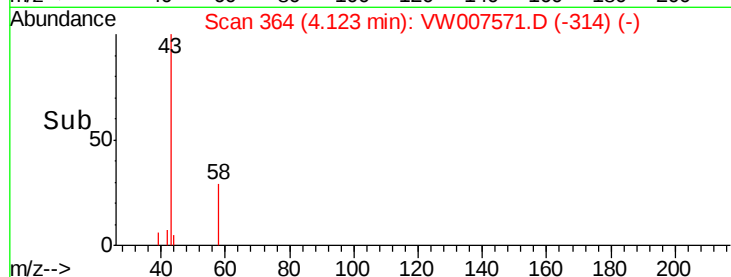
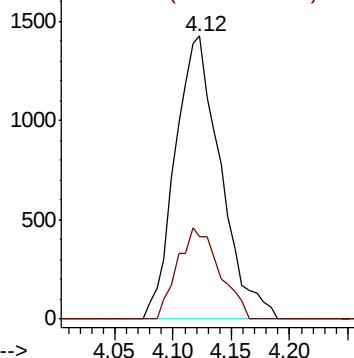
43 100

58 29.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 1.384 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007571.D

Acq: 15 Dec 2018 08:50

Tgt Ion: 84 Resp: 3045

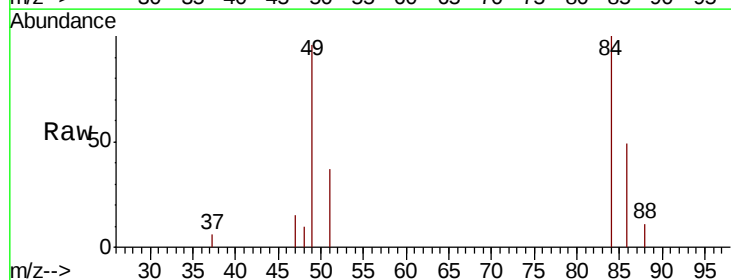
Ion Ratio Lower Upper

84 100

49 96.2 87.1 130.7

51 37.1 28.2 42.2

86 49.1 50.8 76.2#

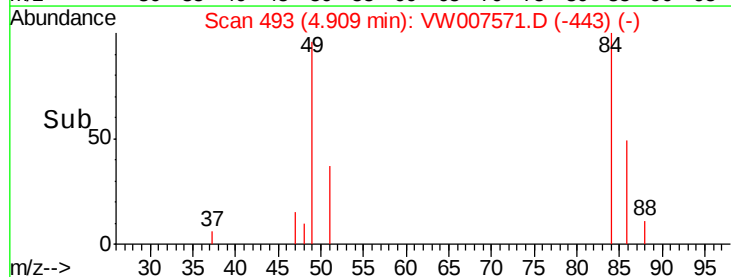
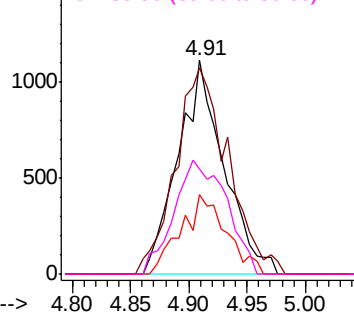


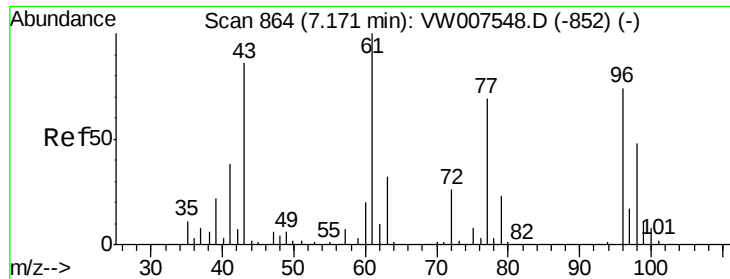
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

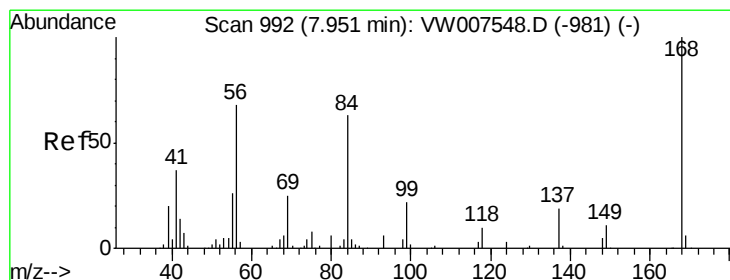
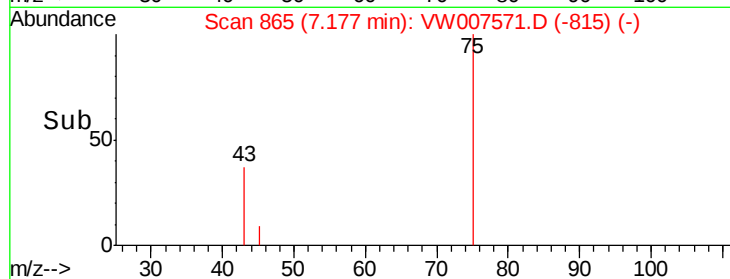
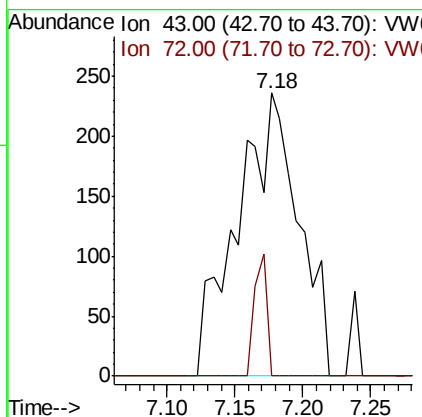
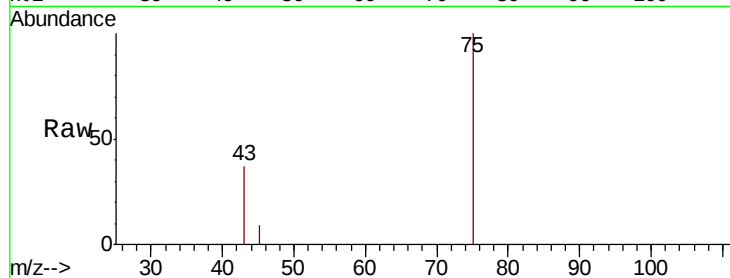




#25
 2-Butanone
 Concen: 5.337 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW007571.D
 Acq: 15 Dec 2018 08:50

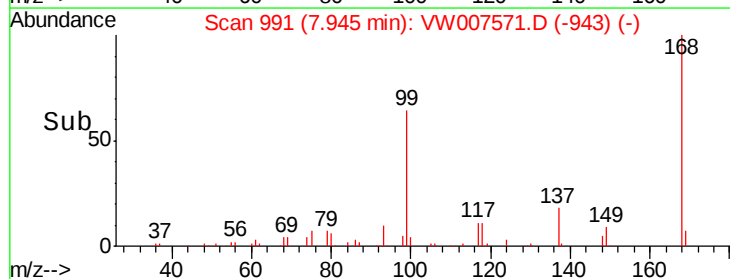
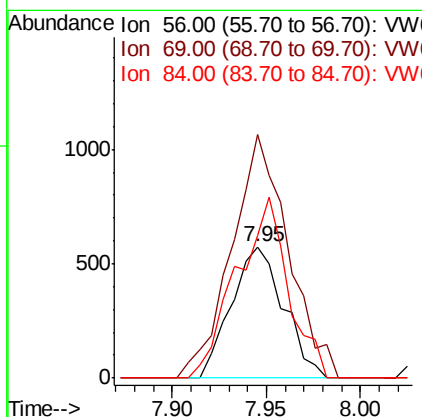
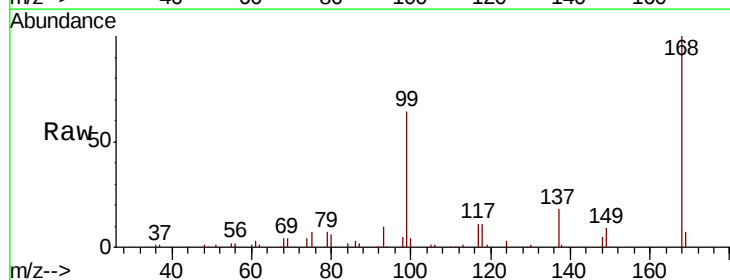
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-1218-01

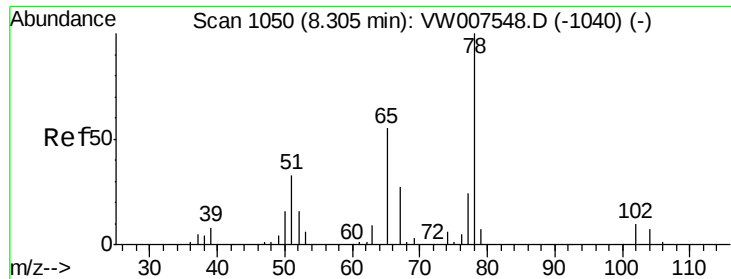
Tgt Ion: 43 Resp: 747
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.4 35.2#



#31
 Cyclohexane
 Concen: 1.158 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW007571.D
 Acq: 15 Dec 2018 08:50

Tgt Ion: 56 Resp: 1104
 Ion Ratio Lower Upper
 56 100
 69 185.2 28.9 43.3#
 84 108.0 71.8 107.6#

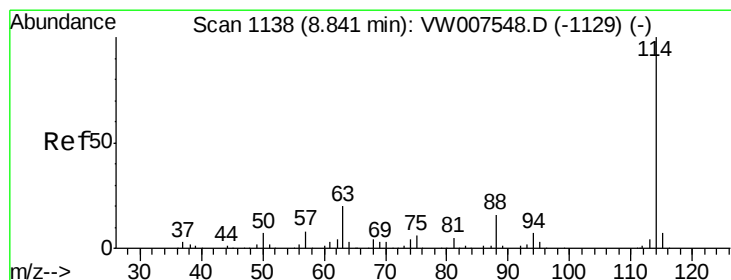
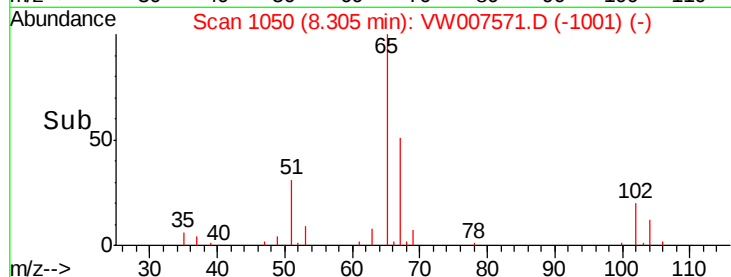
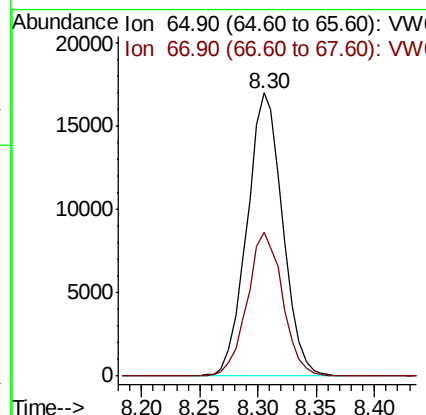
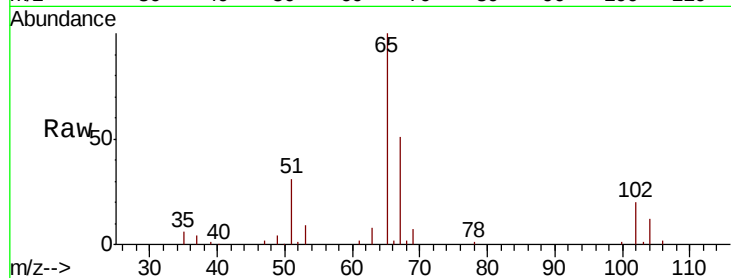




#33
 1,2-Dichloroethane-d4
 Concen: 59.129 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007571.D
 Acq: 15 Dec 2018 08:50

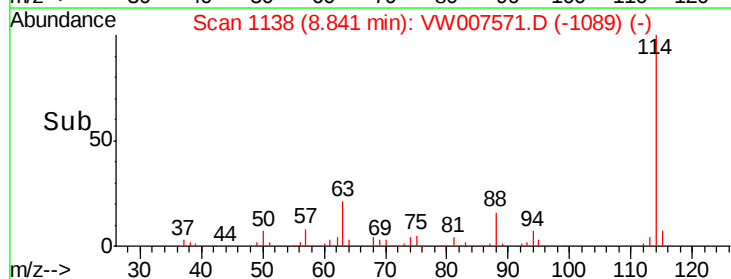
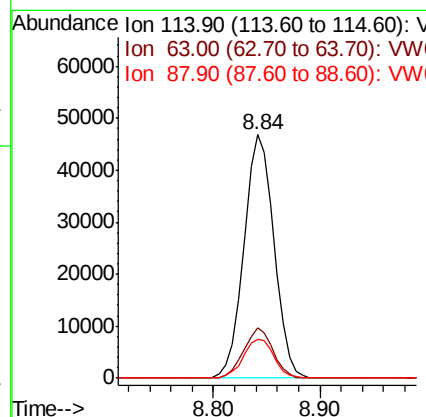
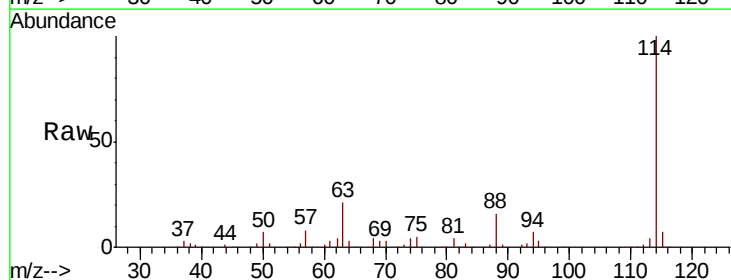
Instrument :
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 ClientSampleId :
 P001-SS016-1218-01

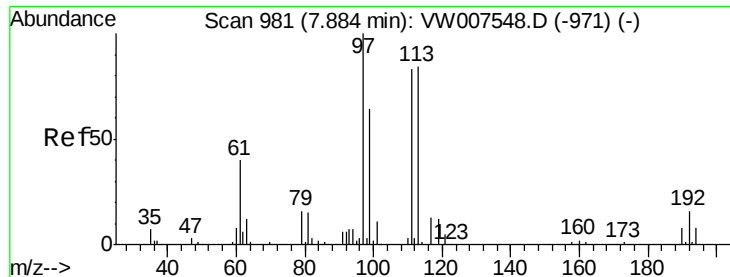
Tgt Ion: 65 Resp: 36293
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007571.D
 Acq: 15 Dec 2018 08:50

Tgt Ion: 114 Resp: 92795
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.6
 88 16.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.233 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007571.D

Acq: 15 Dec 2018 08:50

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-1218-01

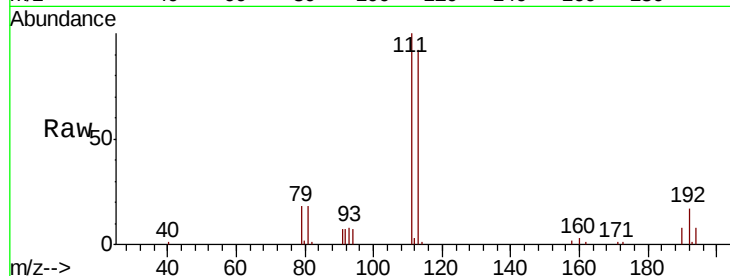
Tgt Ion:113 Resp: 31026

Ion Ratio Lower Upper

113 100

111 103.4 81.1 121.7

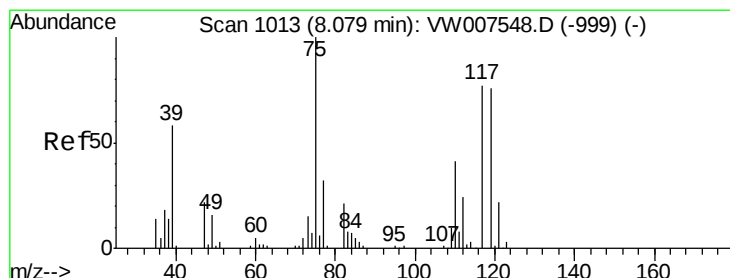
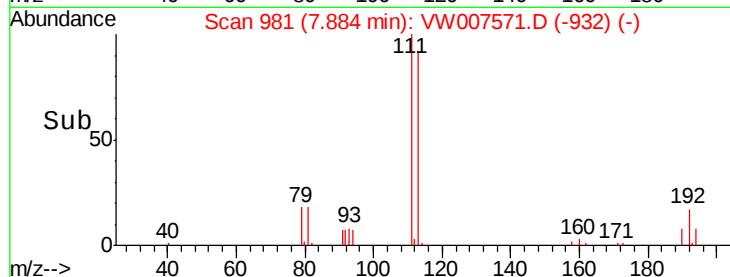
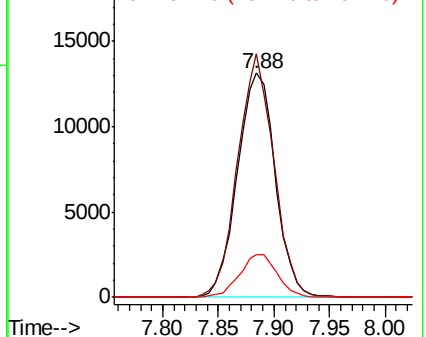
192 19.0 14.6 21.8



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: 4.901 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007571.D

Acq: 15 Dec 2018 08:50

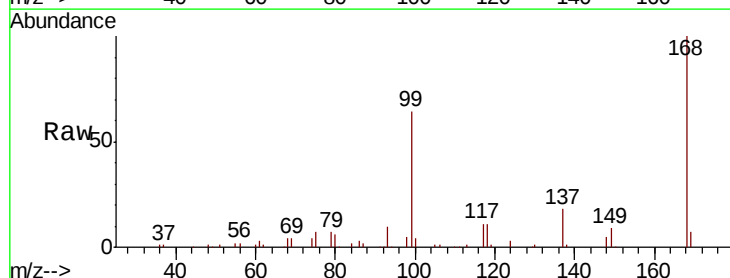
Tgt Ion: 75 Resp: 4149

Ion Ratio Lower Upper

75 100

110 9.1 18.5 55.5#

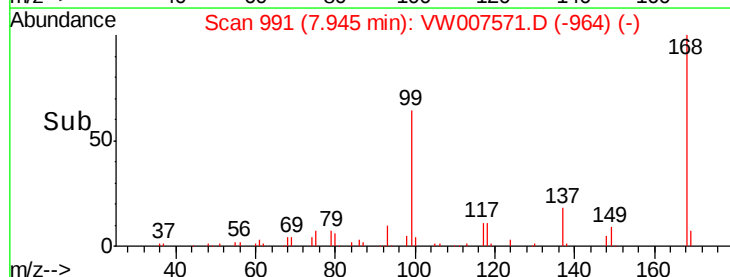
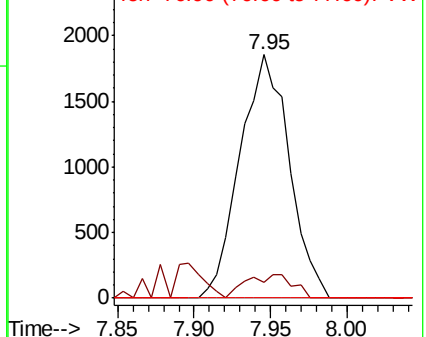
77 0.0 25.6 38.4#

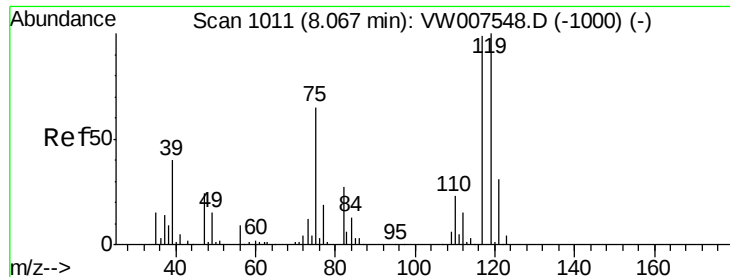


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

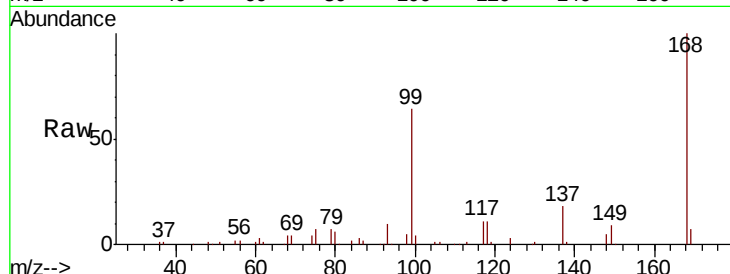




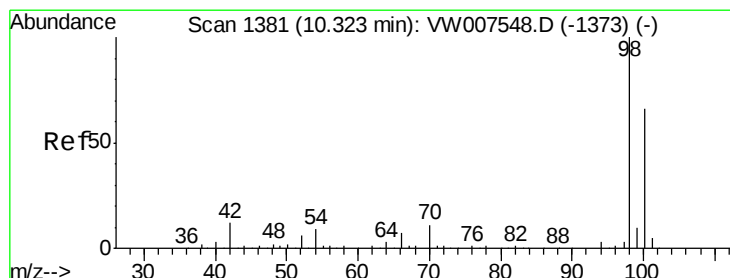
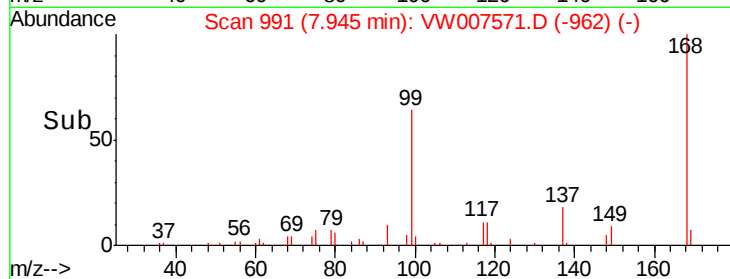
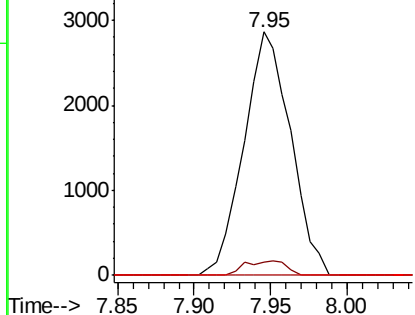
#38
Carbon Tetrachloride
Concen: 6.593 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007571.D
Acq: 15 Dec 2018 08:50

Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-1218-01

Tgt Ion:117 Resp: 6073
Ion Ratio Lower Upper
117 100
119 5.6 74.3 111.5#
121 0.0 24.3 36.5#

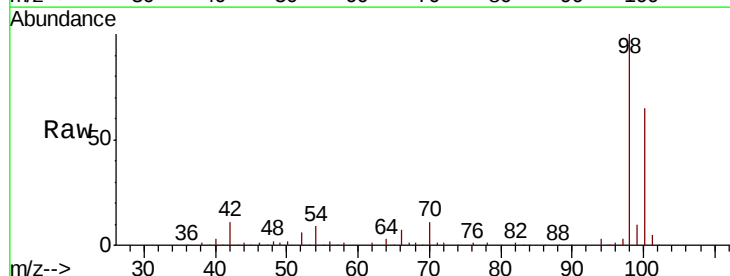


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

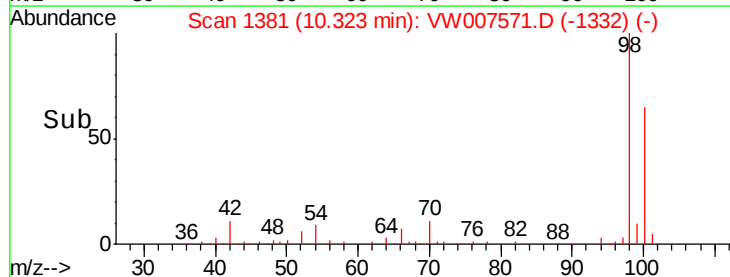
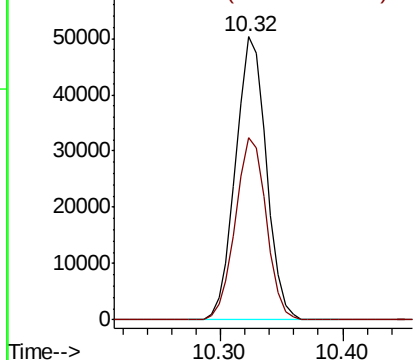


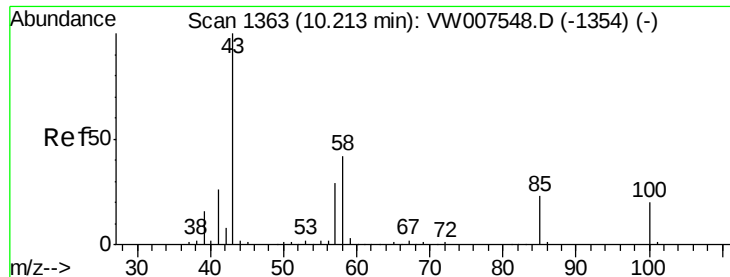
#50
Toluene-d8
Concen: 41.602 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007571.D
Acq: 15 Dec 2018 08:50

Tgt Ion: 98 Resp: 87620
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.8



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

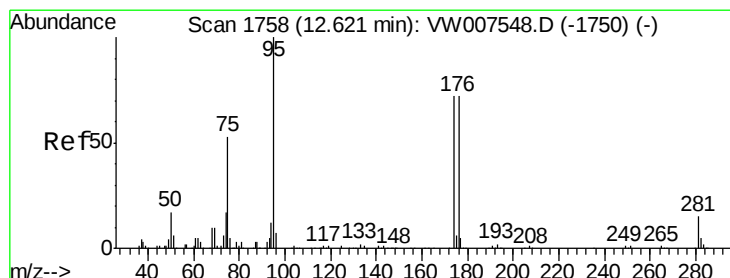
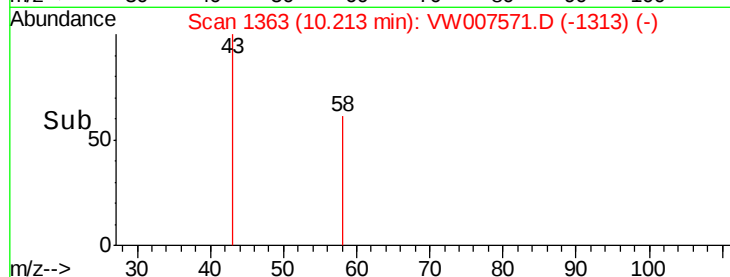
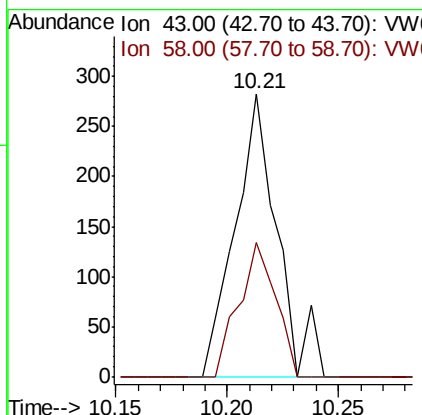
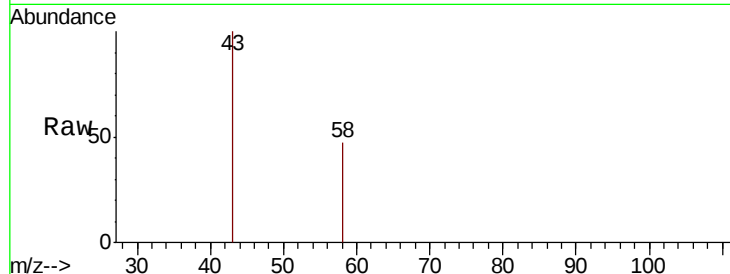




#51
 4-Methyl-2-Pentanone
 Concen: 1.269 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW007571.D
 Acq: 15 Dec 2018 08:50

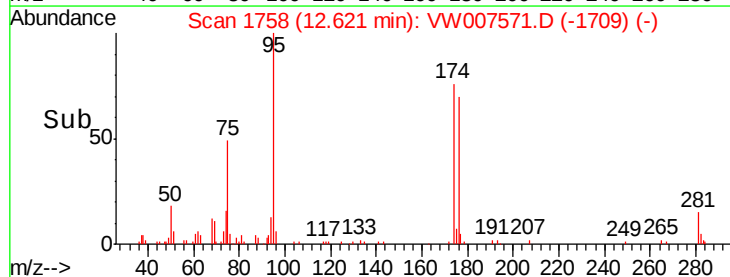
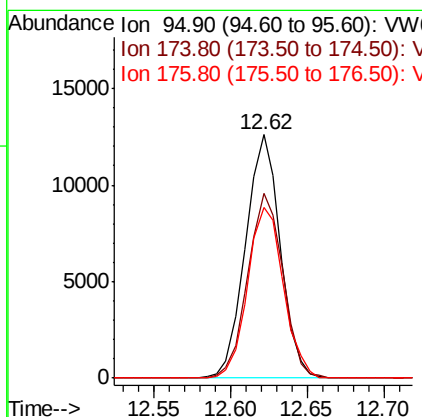
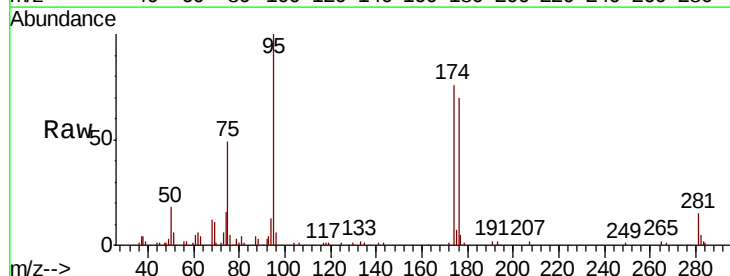
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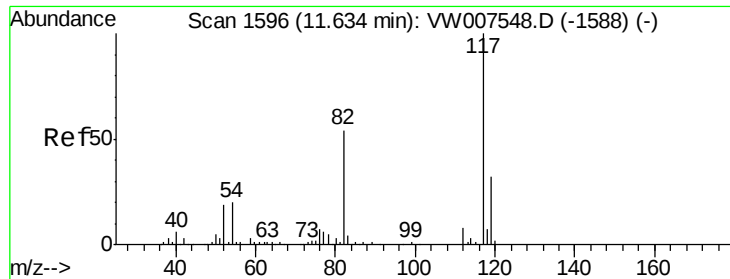
Tgt Ion: 43 Resp: 373
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.1 49.7



#62
 4-Bromofluorobenzene
 Concen: 25.673 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007571.D
 Acq: 15 Dec 2018 08:50

Tgt Ion: 95 Resp: 19881
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 147.2
 176 72.4 0.0 138.8

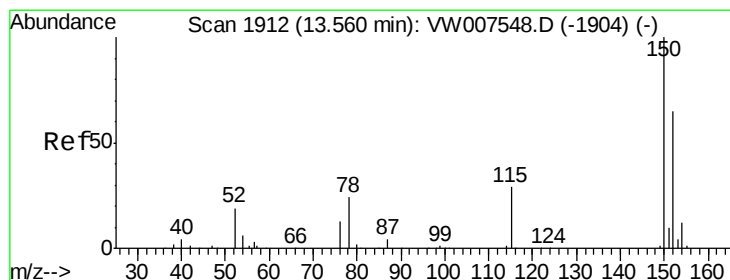
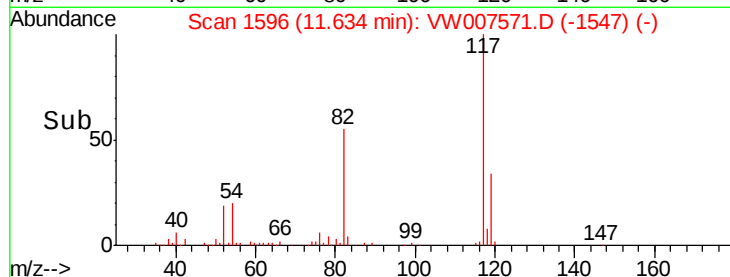
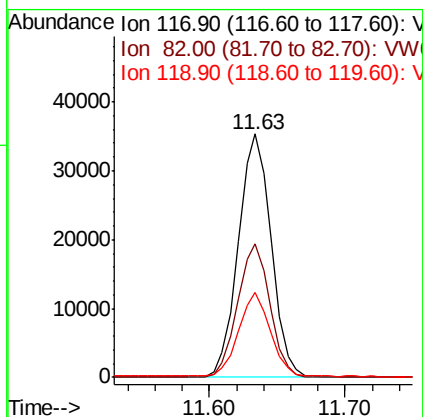
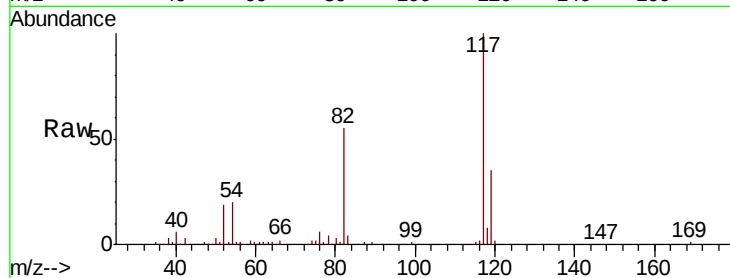




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007571.D
Acq: 15 Dec 2018 08:50

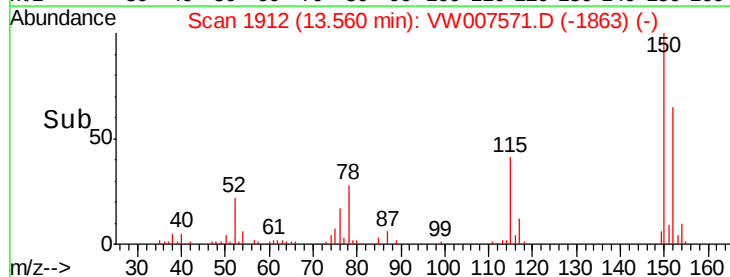
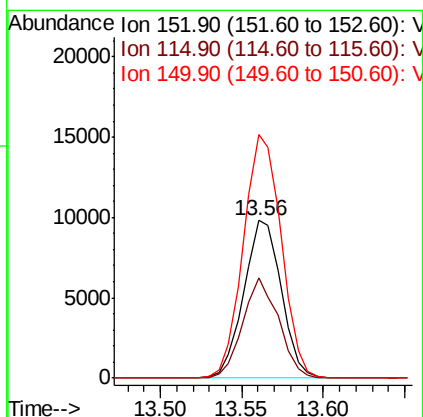
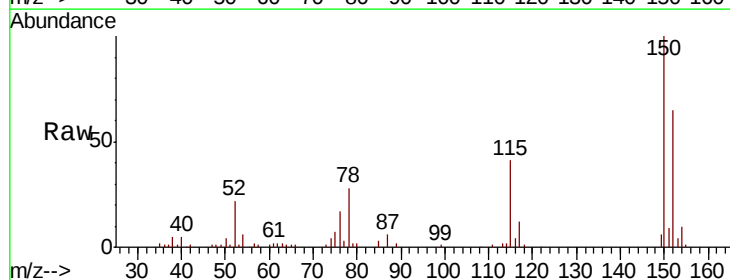
Instrument :
MSVOA_W
ClientSampleId :
P001-SS016-1218-01

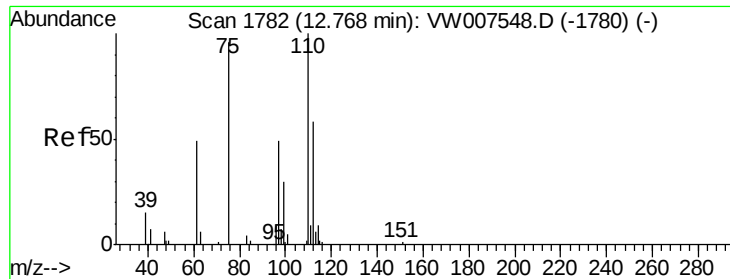
Tgt Ion:117 Resp: 59607
Ion Ratio Lower Upper
117 100
82 55.1 42.3 63.5
119 34.5 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007571.D
Acq: 15 Dec 2018 08:50

Tgt Ion:152 Resp: 15750
Ion Ratio Lower Upper
152 100
115 60.7 31.4 94.2
150 155.8 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 80.731 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007571.D

Acq: 15 Dec 2018 08:50

Instrument :

MSVOA_W

ClientSampleId :

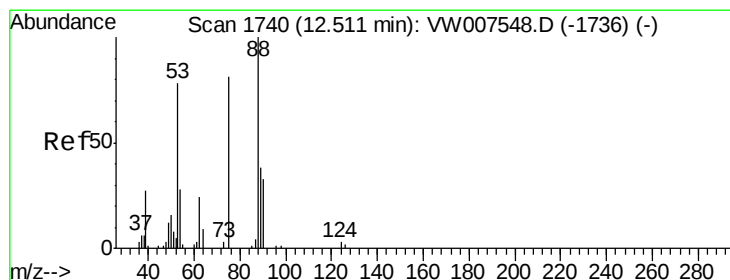
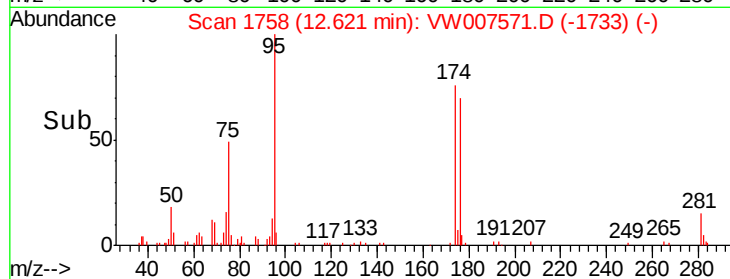
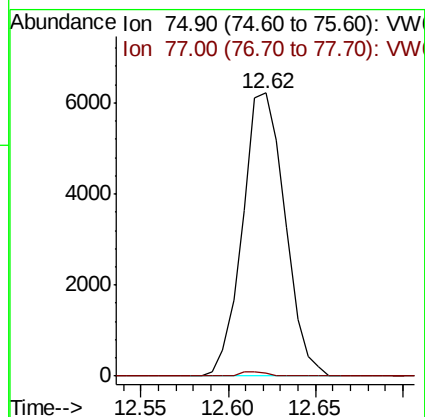
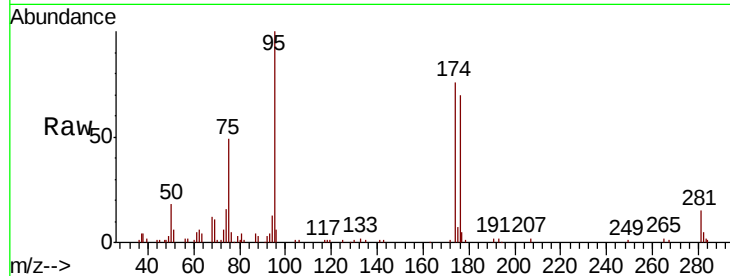
P001-SS016-1218-01

Tgt Ion: 75 Resp: 10484

Ion Ratio Lower Upper

75 100

77 0.9 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 178.336 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007571.D

Acq: 15 Dec 2018 08:50

Tgt Ion: 75 Resp: 10484

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

