

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003456.D
 Acq On : 23 Jun 2018 13:27
 Operator : SY/AP
 Sample : J3663-14
 Misc : 6.23G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB470-31-33-180618

Quant Time: Jun 25 02:31:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	133278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	218762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	198288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	96071	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	82980	57.48	ug/l	0.00
Spiked Amount			Recovery	=	114.96%	
35) Dibromofluoromethane	7.89	113	70606	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
50) Toluene-d8	10.33	98	240425	44.61	ug/l	0.00
Spiked Amount			Recovery	=	89.22%	
62) 4-Bromofluorobenzene	12.63	95	81176	42.56	ug/l	0.00
Spiked Amount			Recovery	=	85.12%	

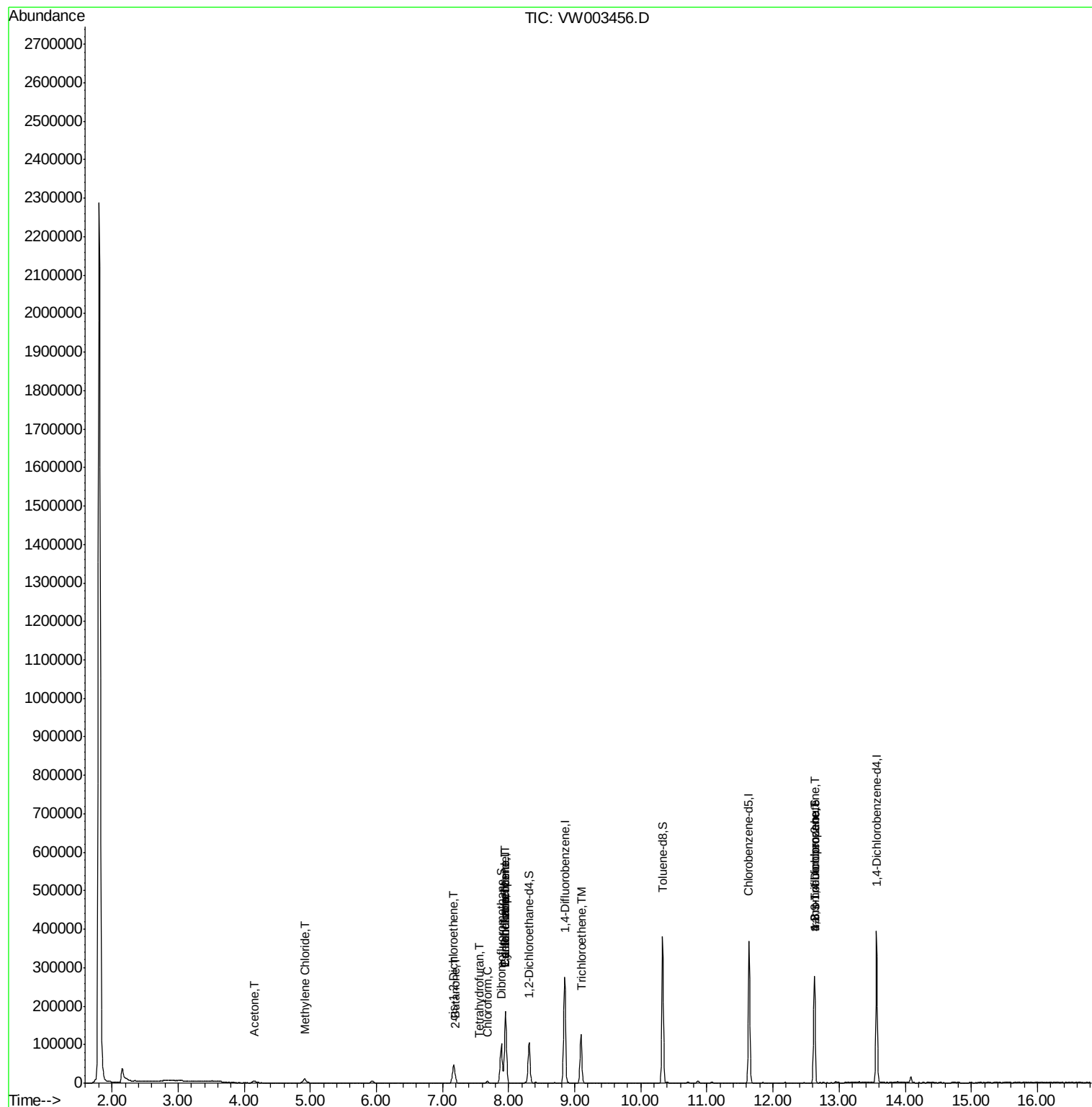
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	10520	34.746	ug/l	96
20) Methylene Chloride	4.91	84	7872	2.644	ug/l	95
25) 2-Butanone	7.20	43	1268	3.368	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	23755	16.469	ug/l	92
29) Tetrahydrofuran	7.54	42	575	2.499	ug/l #	43
30) Chloroform	7.68	83	3005	1.181	ug/l	94
31) Cyclohexane	7.95	56	3310	1.419	ug/l #	49
36) 1,1-Dichloropropene	7.95	75	11470	5.429	ug/l #	51
38) Carbon Tetrachloride	7.95	117	13364	6.449	ug/l #	19
44) Trichloroethene	9.10	130	43165	27.973	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	43478	52.938	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	43478	121.814	ug/l #	8

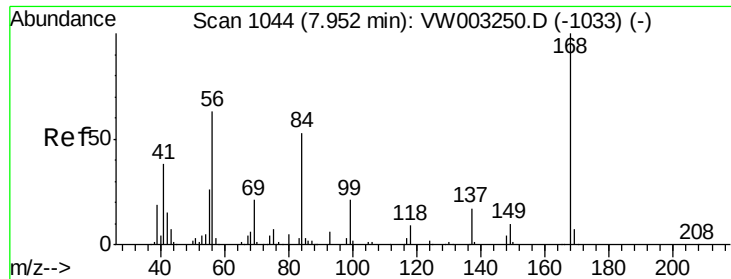
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003456.D

Acq: 23 Jun 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

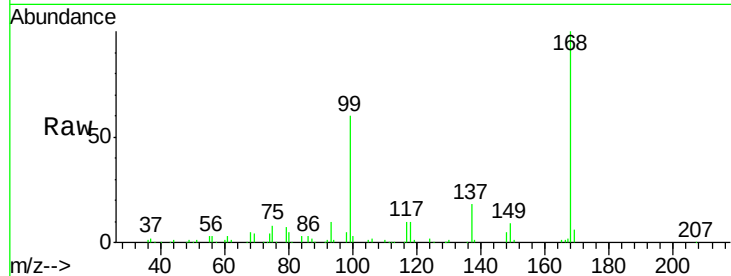
WP021SB470-31-33-180618

Tgt Ion:168 Resp: 133278

Ion Ratio Lower Upper

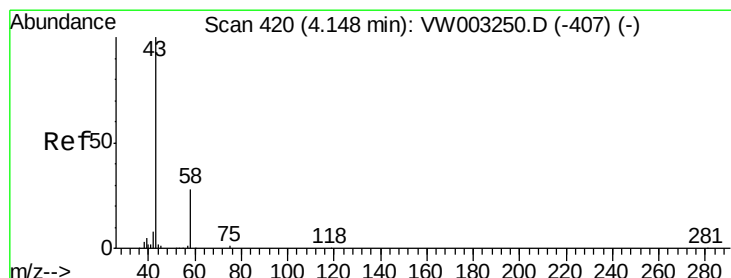
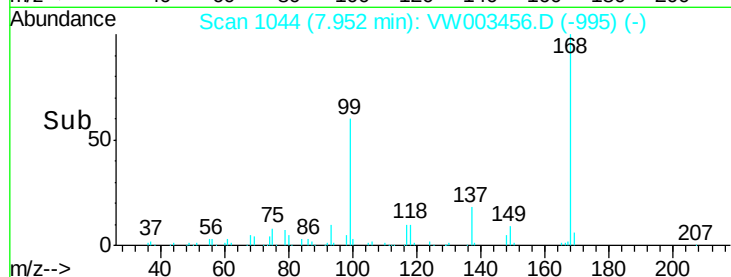
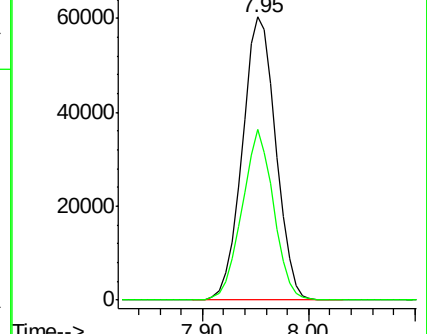
168 100

99 60.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 34.746 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003456.D

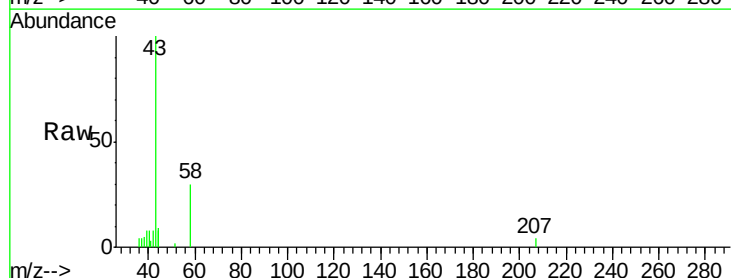
Acq: 23 Jun 2018 13:27

Tgt Ion: 43 Resp: 10520

Ion Ratio Lower Upper

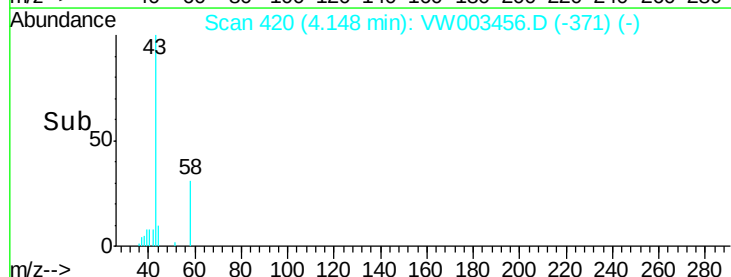
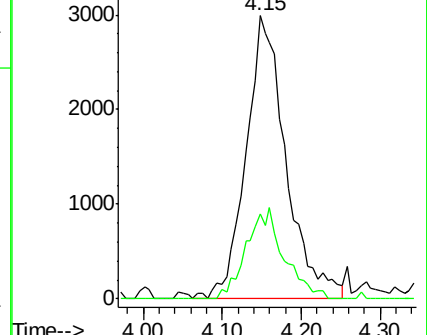
43 100

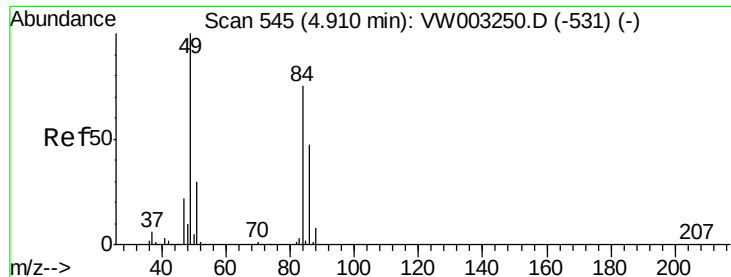
58 30.2 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

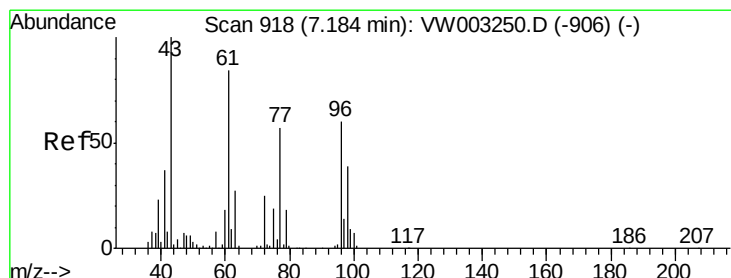
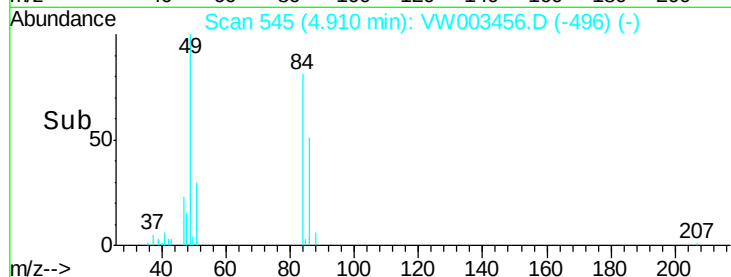
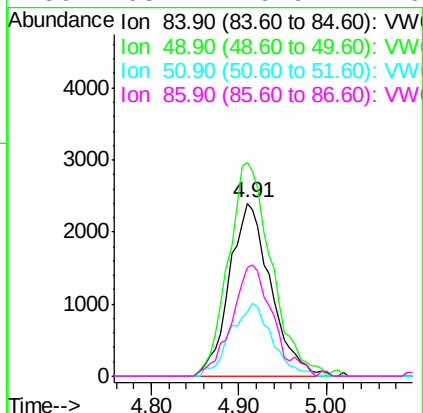
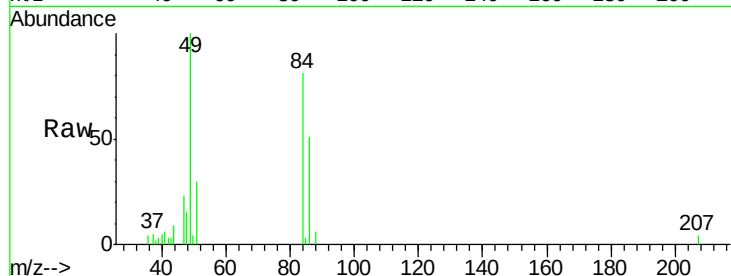




#20
Methylene Chloride
Concen: 2.644 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003456.D
Acq: 23 Jun 2018 13:27

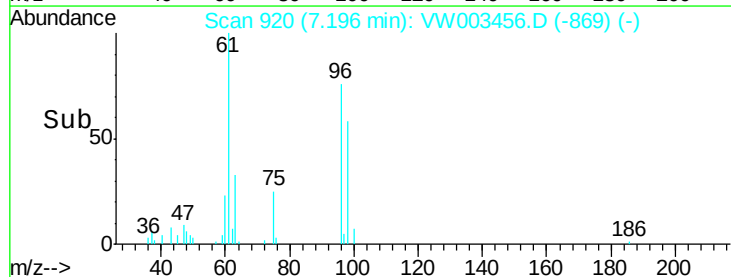
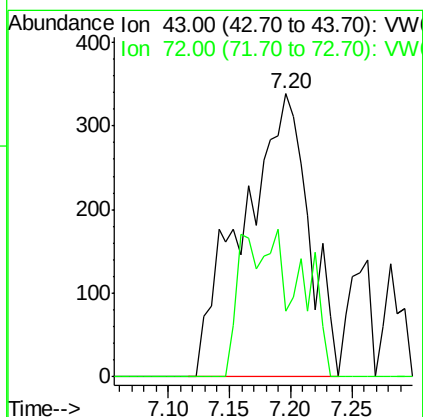
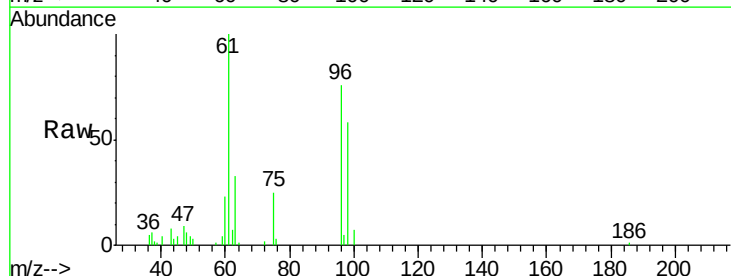
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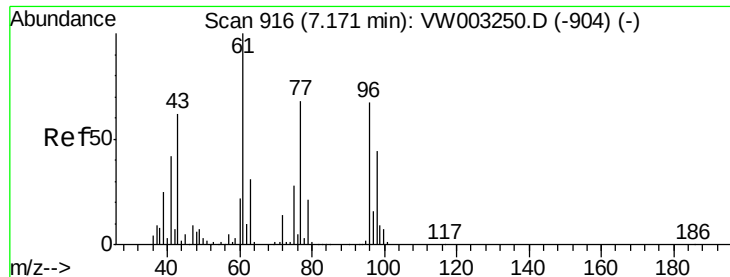
Tgt Ion:	84	Resp:	7872
Ion	Ratio	Lower	Upper
84	100		
49	123.5	106.3	159.5
51	37.4	32.0	48.0
86	63.1	49.9	74.9



#25
2-Butanone
Concen: 3.368 ug/l
RT: 7.20 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW003456.D
Acq: 23 Jun 2018 13:27

Tgt Ion:	43	Resp:	1268
Ion	Ratio	Lower	Upper
43	100		
72	23.4	20.3	30.5



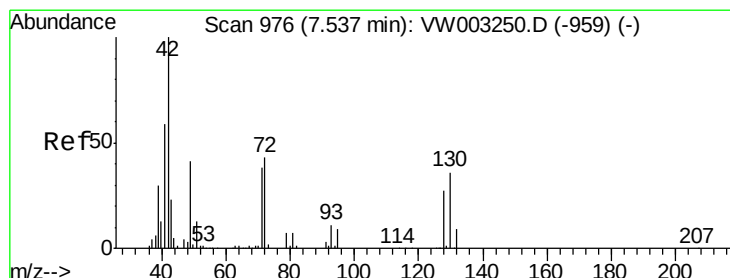
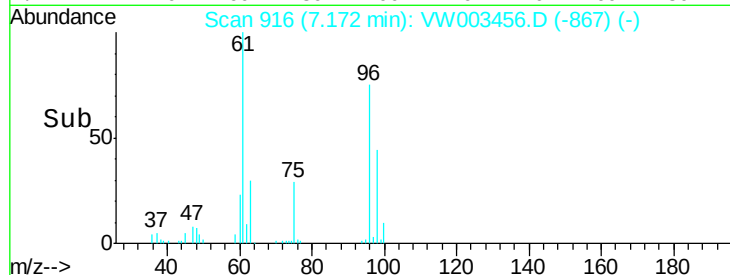
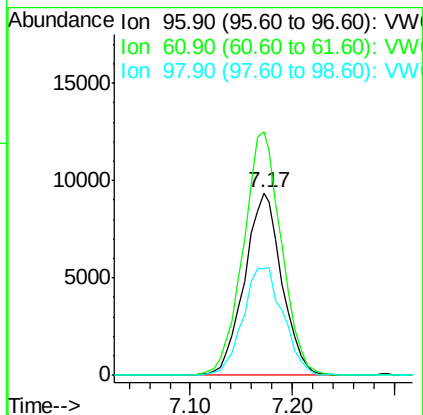
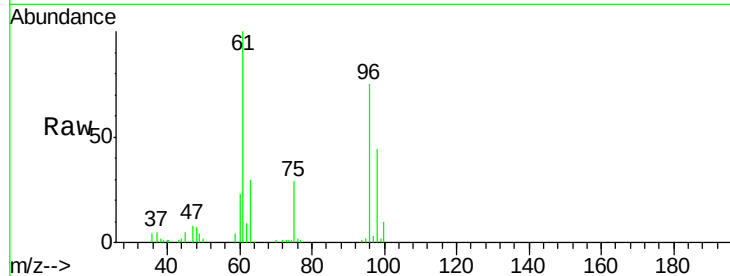


#27

cis-1,2-Dichloroethene
 Concen: 16.469 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003456.D
 Acq: 23 Jun 2018 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB470-31-33-180618

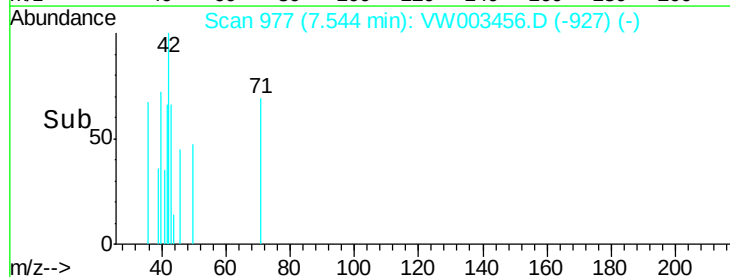
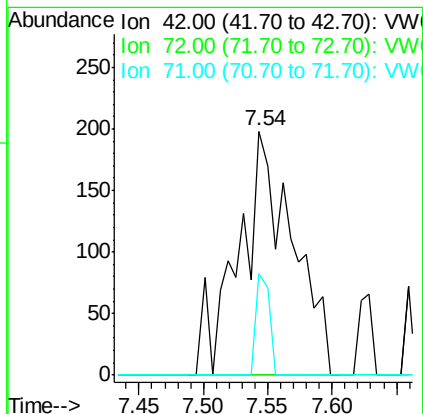
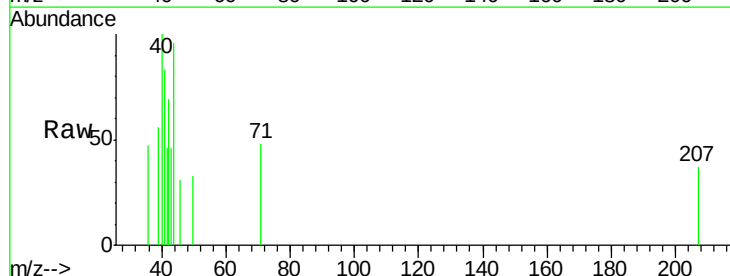
Tgt Ion: 96 Resp: 23755
 Ion Ratio Lower Upper
 96 100
 61 136.6 0.0 298.8
 98 63.6 0.0 130.4

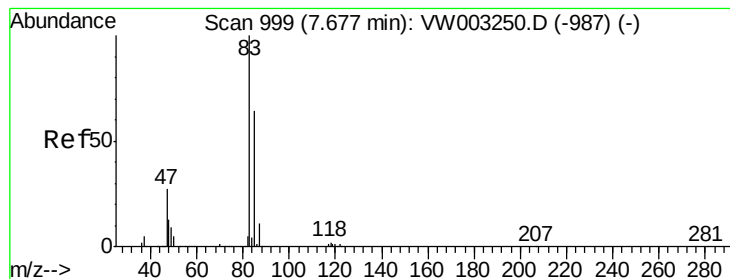


#29

Tetrahydrofuran
 Concen: 2.499 ug/l
 RT: 7.54 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: VW003456.D
 Acq: 23 Jun 2018 13:27

Tgt Ion: 42 Resp: 575
 Ion Ratio Lower Upper
 42 100
 72 0.0 32.4 48.6#
 71 9.7 31.2 46.8#





#30

Chloroform

Concen: 1.181 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VW003456.D

Acq: 23 Jun 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

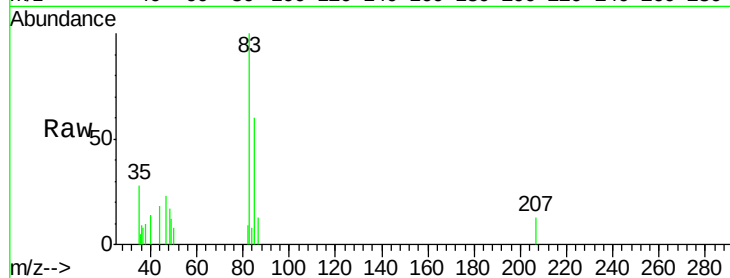
WP021SB470-31-33-180618

Tgt Ion: 83 Resp: 3005

Ion Ratio Lower Upper

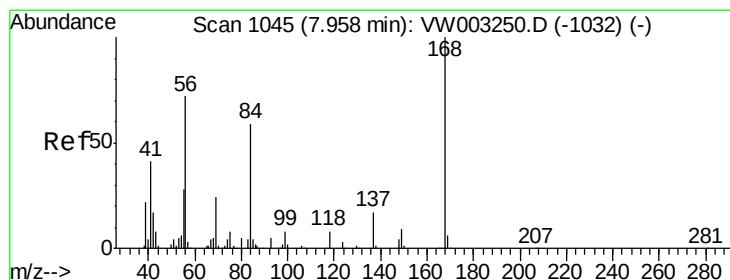
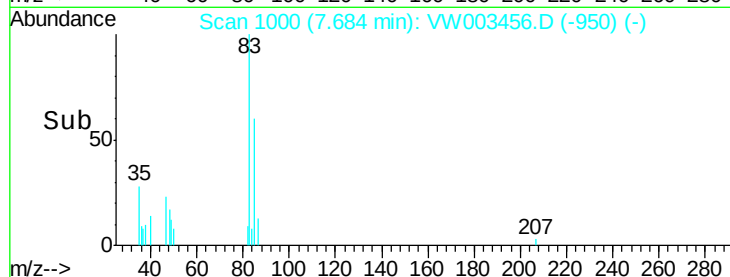
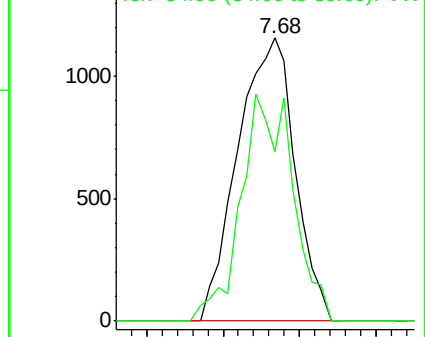
83 100

85 59.7 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW



#31

Cyclohexane

Concen: 1.419 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003456.D

Acq: 23 Jun 2018 13:27

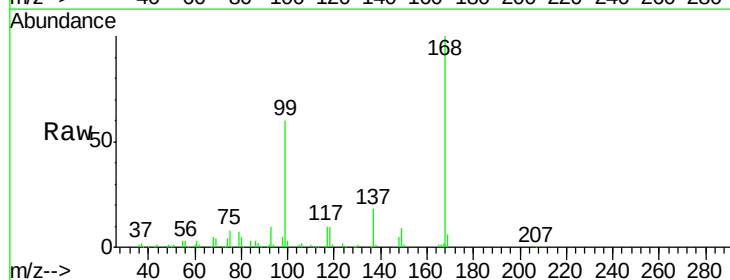
Tgt Ion: 56 Resp: 3310

Ion Ratio Lower Upper

56 100

69 127.2 26.3 39.5#

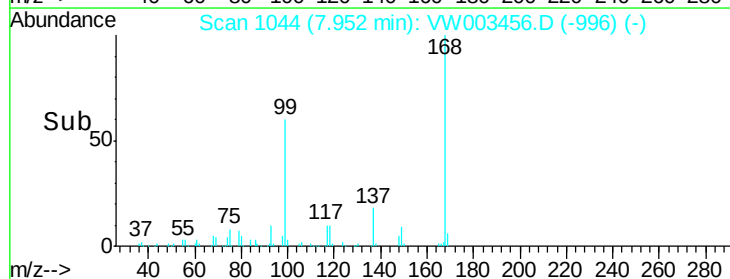
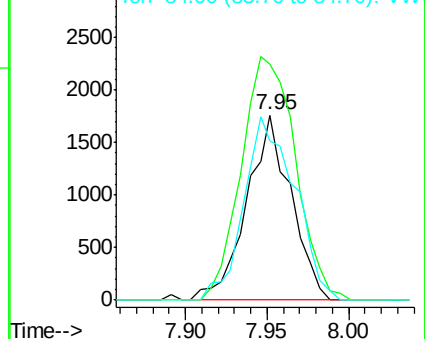
84 86.3 65.7 98.5

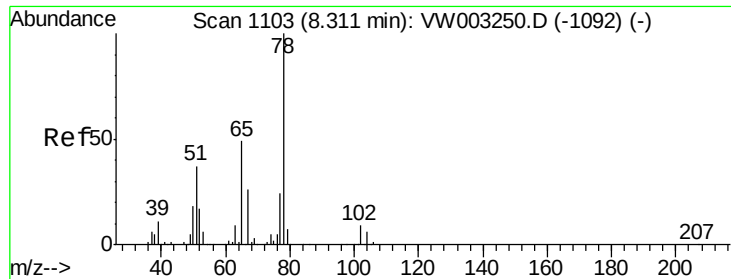


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

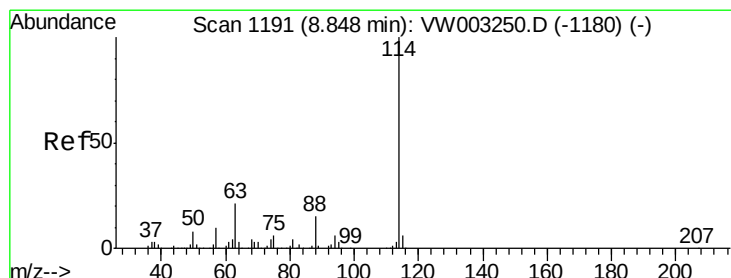
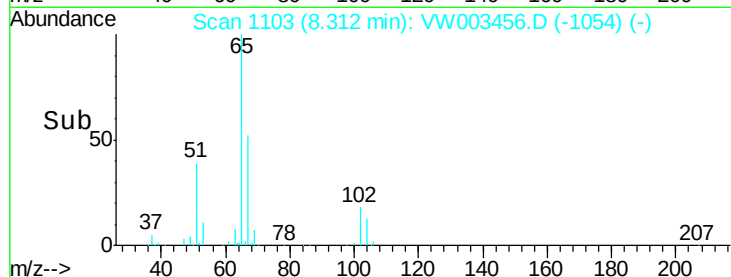
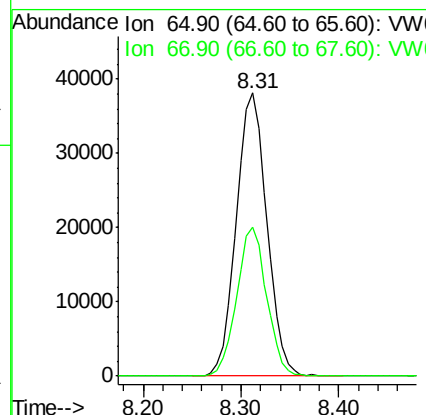
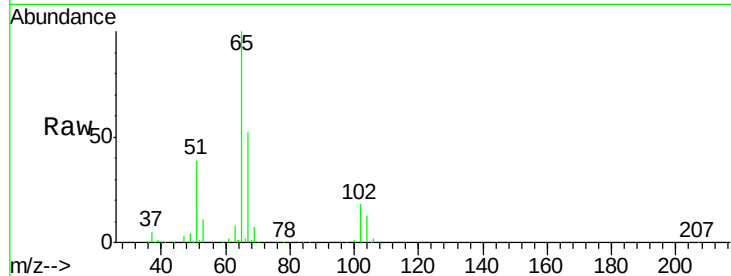




#33
 1,2-Dichloroethane-d4
 Concen: 57.481 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003456.D
 Acq: 23 Jun 2018 13:27

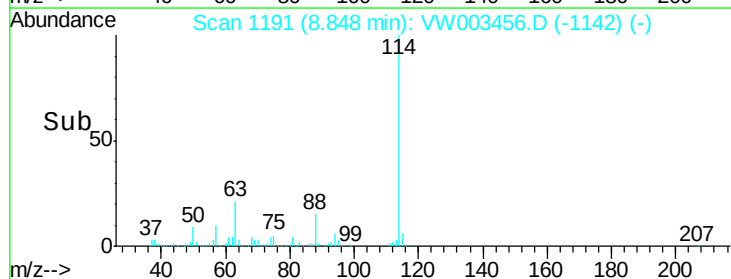
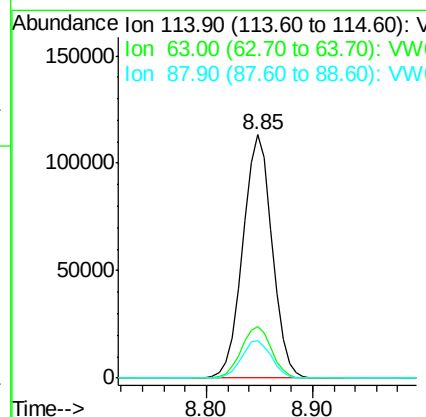
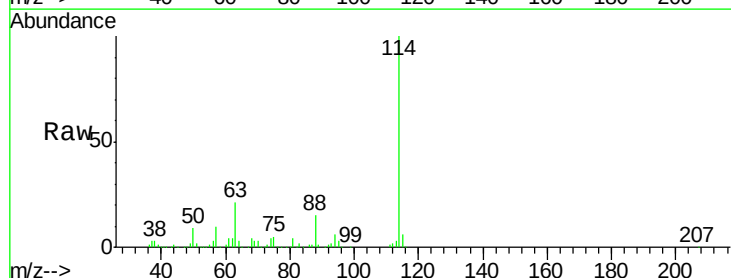
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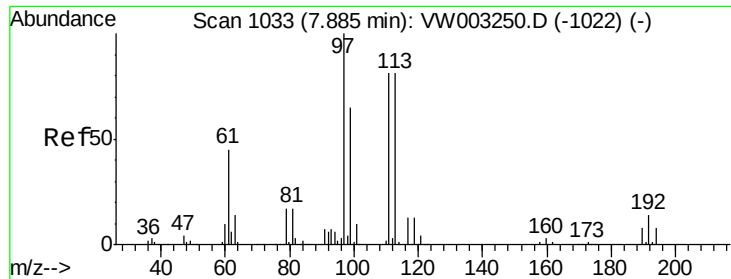
Tgt Ion: 65 Resp: 82980
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003456.D
 Acq: 23 Jun 2018 13:27

Tgt Ion: 114 Resp: 218762
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.0
 88 15.2 0.0 29.6

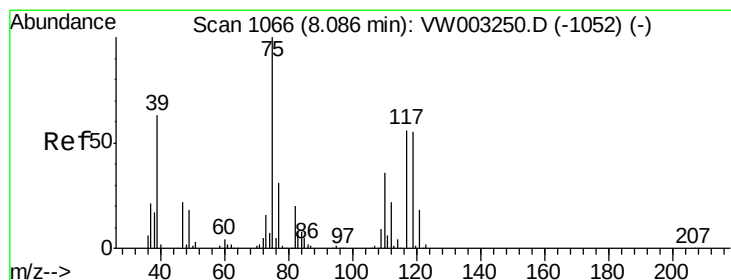
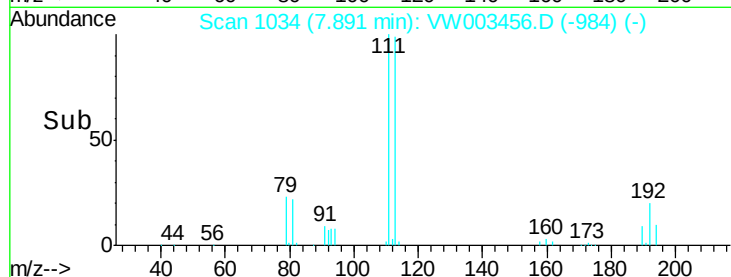
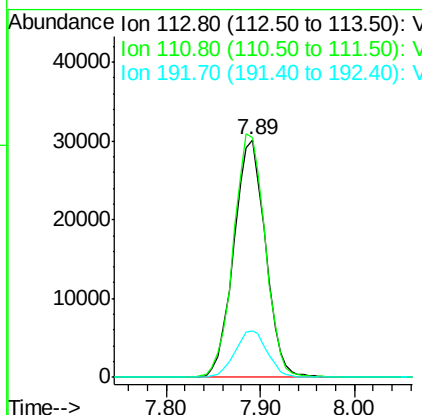
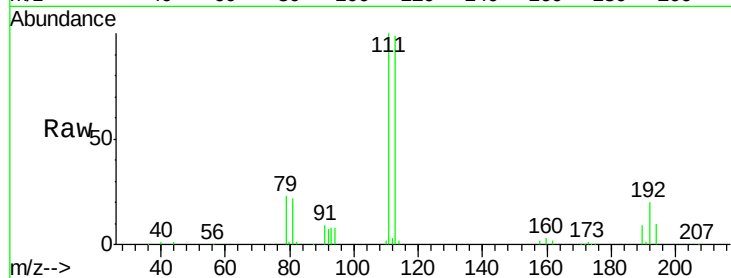




#35
 Dibromofluoromethane
 Concen: 51.942 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003456.D
 Acq: 23 Jun 2018 13:27

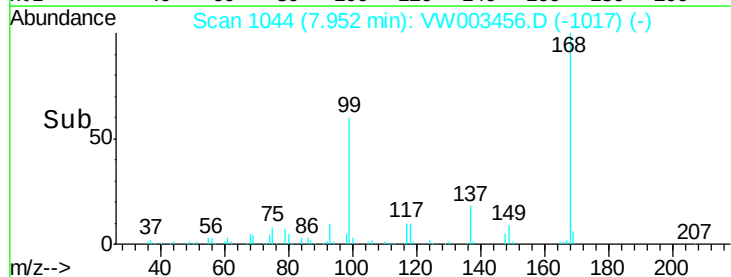
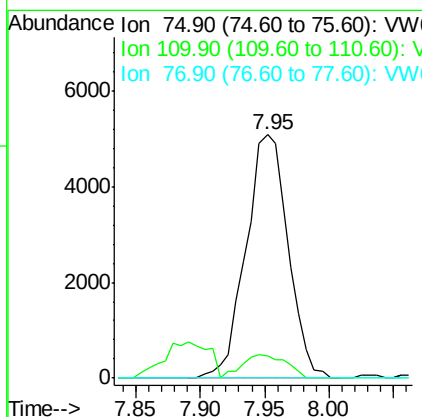
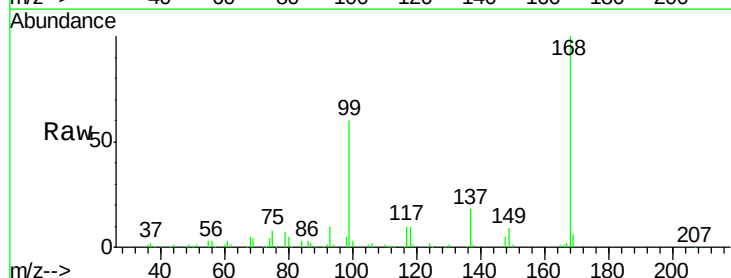
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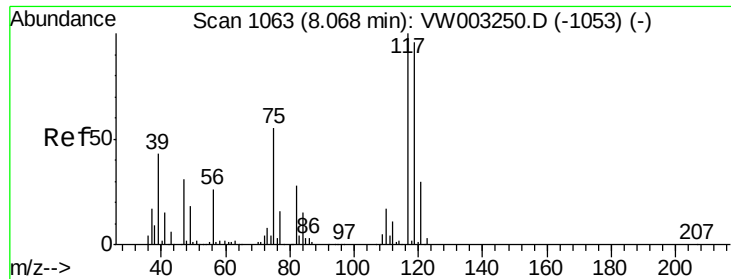
Tgt Ion:113 Resp: 70606
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.2
 192 19.9 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.429 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003456.D
 Acq: 23 Jun 2018 13:27

Tgt Ion: 75 Resp: 11470
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.1 51.3#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.449 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003456.D

Acq: 23 Jun 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

WP021SB470-31-33-180618

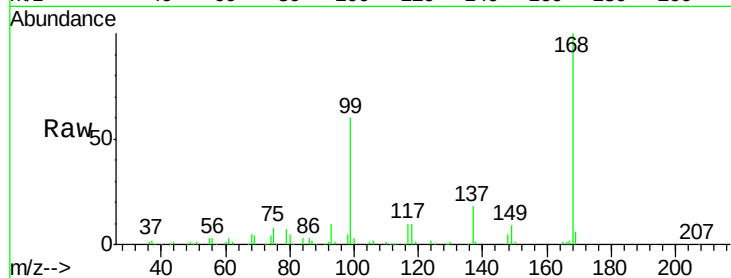
Tgt Ion:117 Resp: 13364

Ion Ratio Lower Upper

117 100

119 8.7 76.6 115.0#

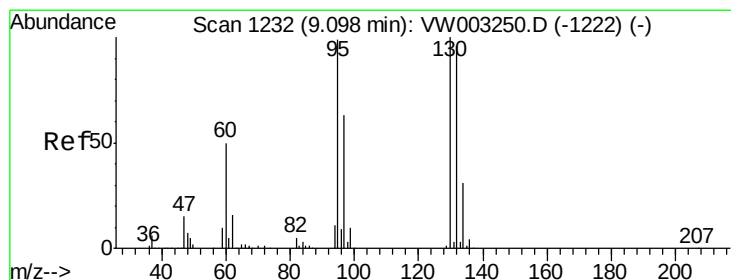
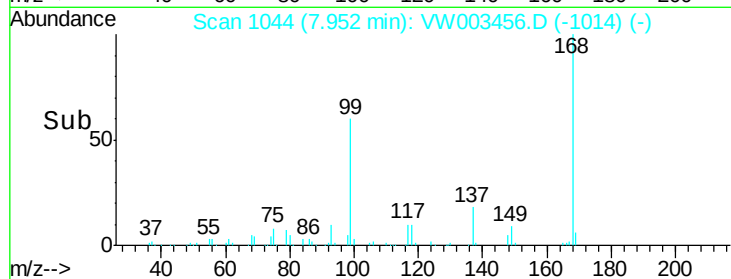
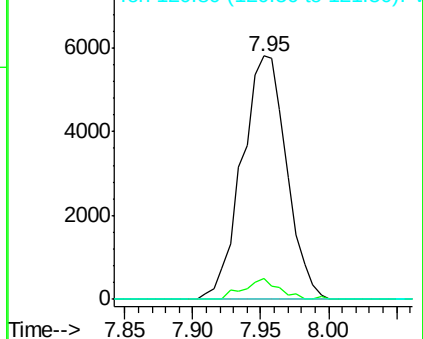
121 0.0 23.9 35.9#



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



#44

Trichloroethene

Concen: 27.973 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003456.D

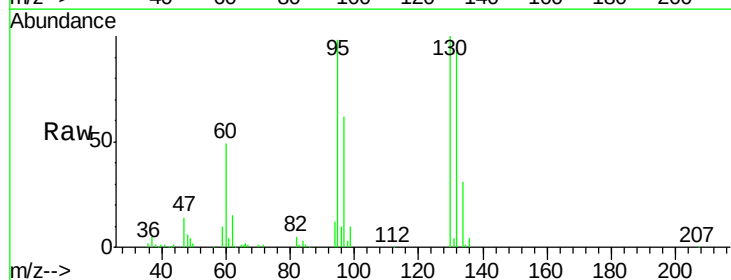
Acq: 23 Jun 2018 13:27

Tgt Ion:130 Resp: 43165

Ion Ratio Lower Upper

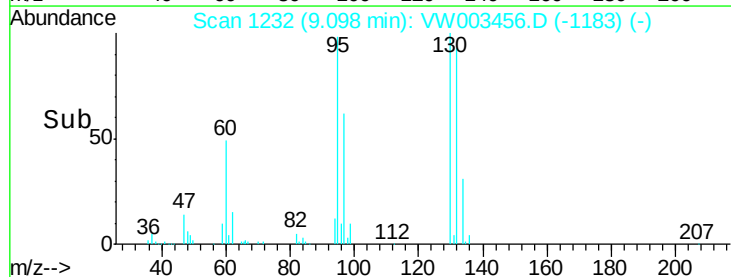
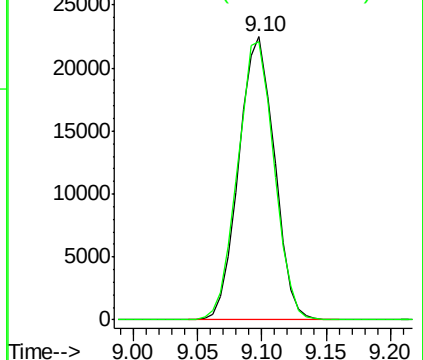
130 100

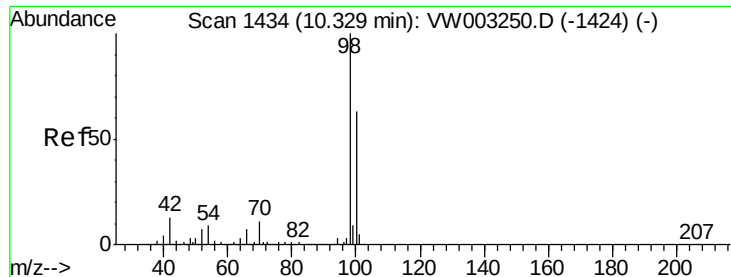
95 98.5 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VV





#50

Toluene-d8

Concen: 44.606 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003456.D

Acq: 23 Jun 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

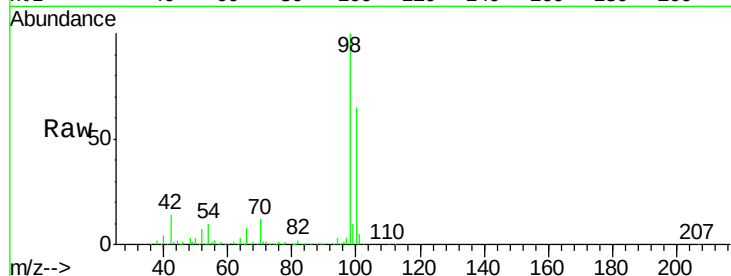
WP021SB470-31-33-180618

Tgt Ion: 98 Resp: 240425

Ion Ratio Lower Upper

98 100

100 63.2 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

150000

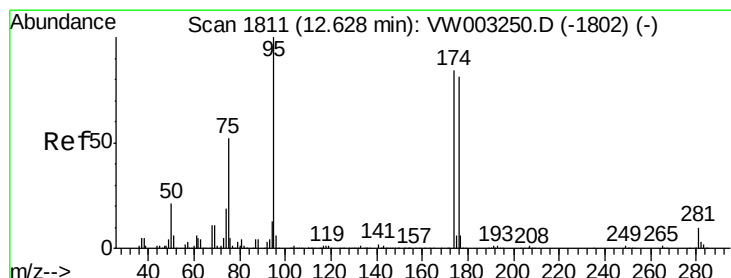
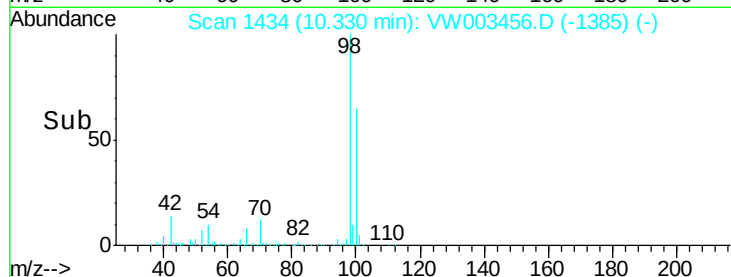
100000

50000

0

10.30 10.33 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 42.557 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003456.D

Acq: 23 Jun 2018 13:27

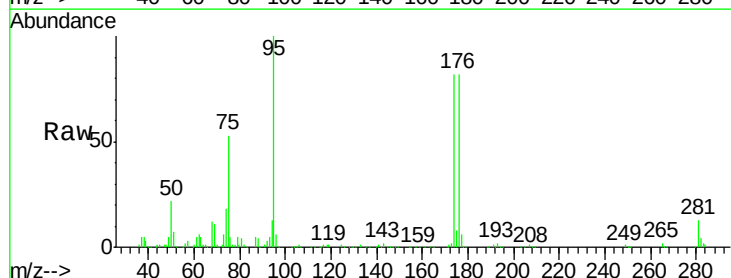
Tgt Ion: 95 Resp: 81176

Ion Ratio Lower Upper

95 100

174 81.7 0.0 166.4

176 80.1 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

60000

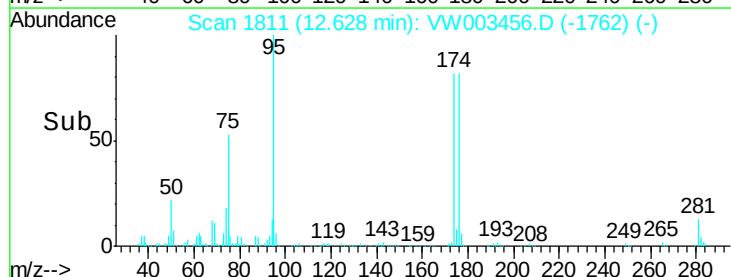
40000

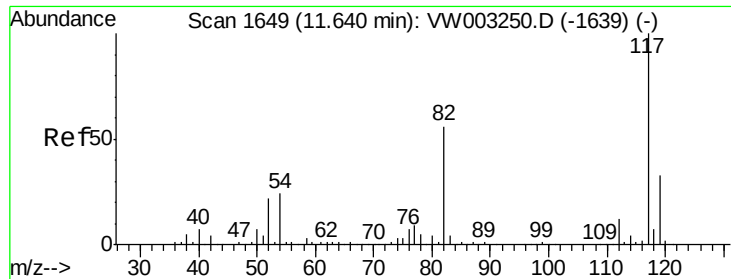
20000

0

12.60 12.63 12.70

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW003456.D

Acq: 23 Jun 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

WP021SB470-31-33-180618

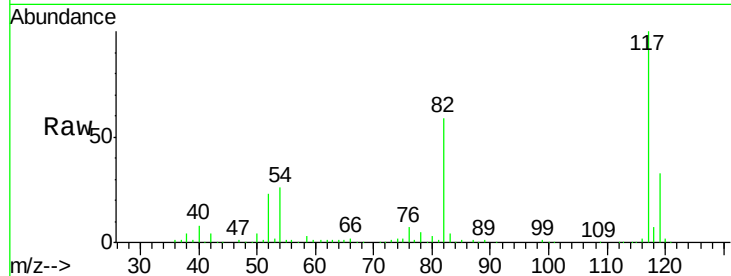
Tgt Ion:117 Resp: 198288

Ion Ratio Lower Upper

117 100

82 58.8 44.6 67.0

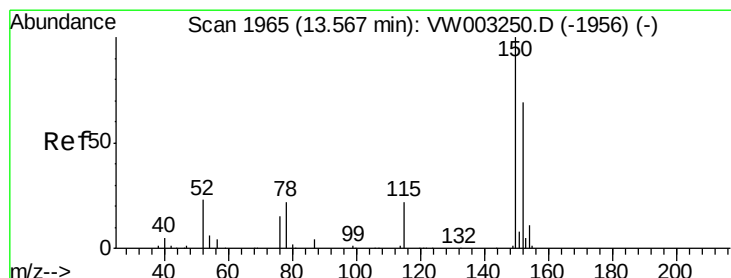
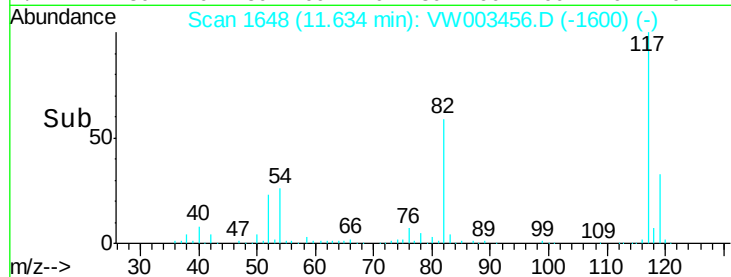
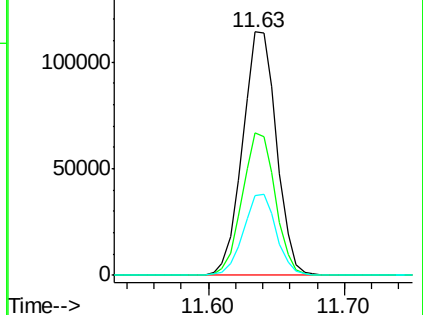
119 32.9 26.7 40.1



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: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003456.D

Acq: 23 Jun 2018 13:27

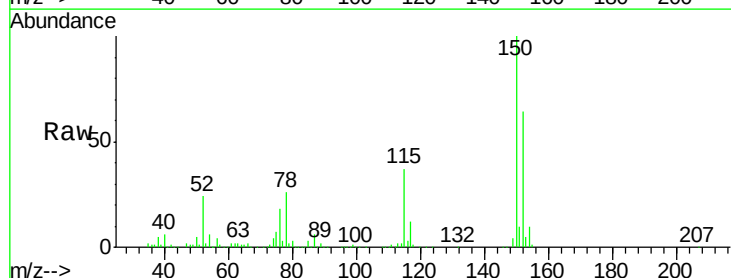
Tgt Ion:152 Resp: 96071

Ion Ratio Lower Upper

152 100

115 58.1 29.3 88.0

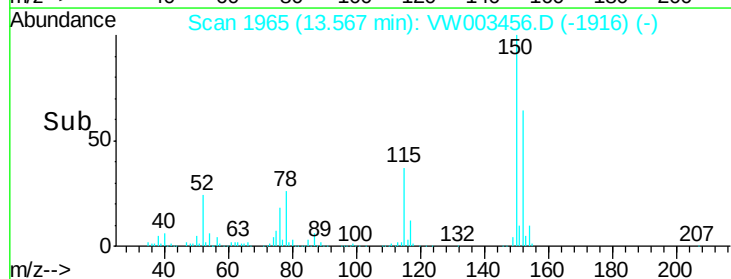
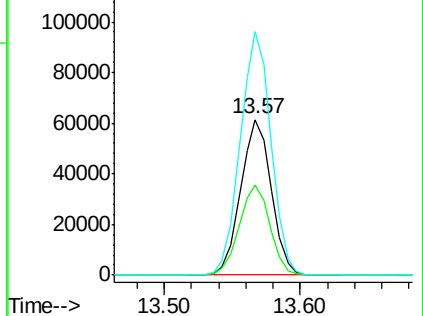
150 157.6 0.0 349.6

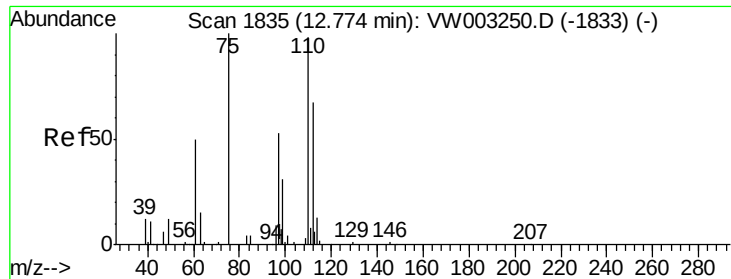


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 52.938 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003456.D

Acq: 23 Jun 2018 13:27

Instrument :

MSVOA_W

ClientSampleId :

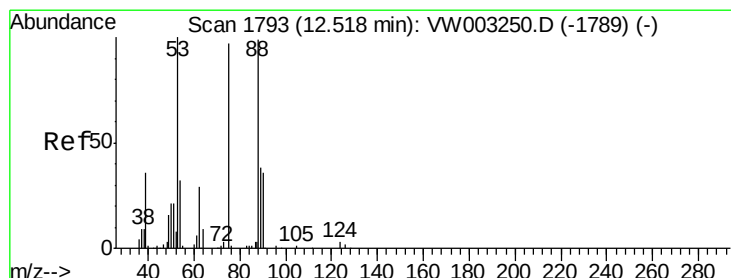
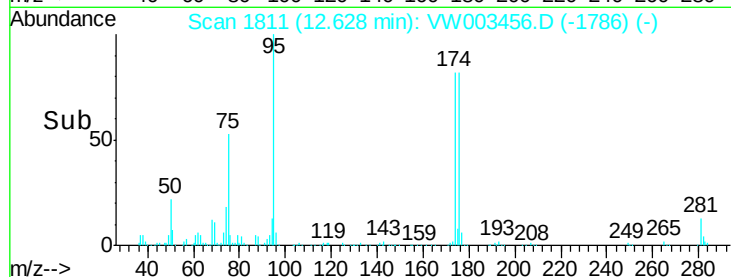
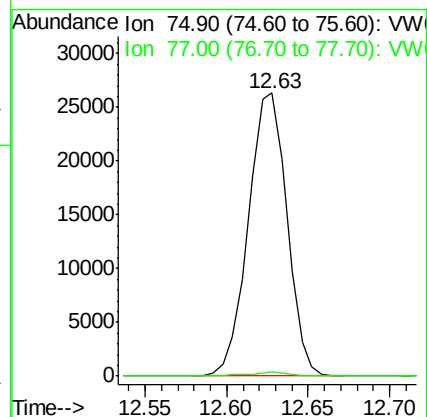
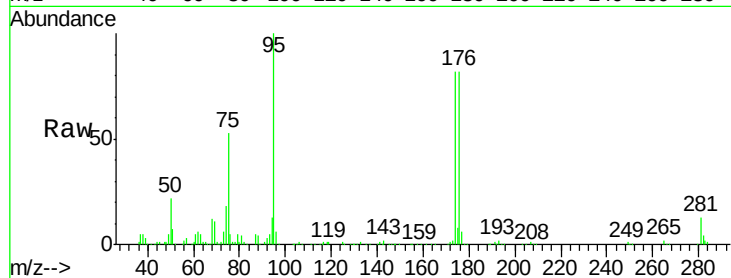
WP021SB470-31-33-180618

Tgt Ion: 75 Resp: 43478

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 121.814 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003456.D

Acq: 23 Jun 2018 13:27

Tgt Ion: 75 Resp: 43478

Ion Ratio Lower Upper

75 100

53 0.2 82.9 124.3#

89 0.1 36.7 55.1#

