

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062418\
 Data File : VW003535.D
 Acq On : 25 Jun 2018 04:00
 Operator : SY/AP
 Sample : J3669-30
 Misc : 6.61G/5ML/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-31-33-180620

Quant Time: Jun 25 05:45:53 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	88713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	176880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	175778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	84020	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	76684	79.80	ug/l	0.00
Spiked Amount			Recovery	=	159.60%	
35) Dibromofluoromethane	7.89	113	63533	57.81	ug/l	0.00
Spiked Amount			Recovery	=	115.62%	
50) Toluene-d8	10.33	98	192400	44.15	ug/l	0.00
Spiked Amount			Recovery	=	88.30%	
62) 4-Bromofluorobenzene	12.63	95	76941	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.36	62	733975	742.998	ug/l	98
6) Chloroethane	2.93	64	873	1.270	ug/l	89
8) Diethyl Ether	3.68	74	725	1.668	ug/l	65
9) 1,1,2-Trichlorotrifluoroet	4.04	101	1439	1.751	ug/l #	72
11) Tert butyl alcohol	5.26	59	277	5.375	ug/l #	59
12) 1,1-Dichloroethene	4.03	96	535892	667.306	ug/l	96
16) Acetone	4.15	43	5230	25.952	ug/l	91
20) Methylene Chloride	4.91	84	22304	24.156	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	12085	13.827	ug/l	97
24) 1,1-Dichloroethane	6.21	63	21662	13.034	ug/l	97
25) 2-Butanone	7.18	43	1264	5.044	ug/l #	1
27) cis-1,2-Dichloroethene	7.16	96	26013977	27094.640	ug/l #	14
28) Bromochloromethane	7.68	49	2103	3.041	ug/l #	15
29) Tetrahydrofuran	7.54	42	390	2.546	ug/l #	48
30) Chloroform	7.68	83	20237	11.952	ug/l	96
31) Cyclohexane	7.94	56	3001	1.933	ug/l #	72
36) 1,1-Dichloropropene	7.96	75	7461	4.368	ug/l #	50
38) Carbon Tetrachloride	7.95	117	8778	5.239	ug/l #	16
39) Methylcyclohexane	9.10	83	414389	209.656	ug/l #	1
40) Benzene	8.33	78	71559	15.198	ug/l	98
41) Methacrylonitrile	7.55	41	455	1.048	ug/l #	30
42) 1,2-Dichloroethane	8.40	62	13847	9.386	ug/l	99
44) Trichloroethene	9.09	130	21782784	17458.910	ug/l	99
45) 1,2-Dichloropropane	9.10	63	82875	69.128	ug/l #	1
49) 1,4-Dioxane	9.48	88	211	22.768	ug/l #	1
52) Toluene	10.39	92	25188	8.342	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	14573	16.849	ug/l	96
59) 2-Hexanone	10.84	43	4405	8.807	ug/l	70
60) Dibromochloromethane	10.87	129	4030	3.918	ug/l #	10
64) Tetrachloroethene	10.87	164	4732	4.025	ug/l	89
65) Chlorobenzene	11.66	112	478283	130.663	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	41472	57.738	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	41472	132.859	ug/l #	8
87) 1,3-Dichlorobenzene	13.51	146	9987	3.572	ug/l	95

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QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

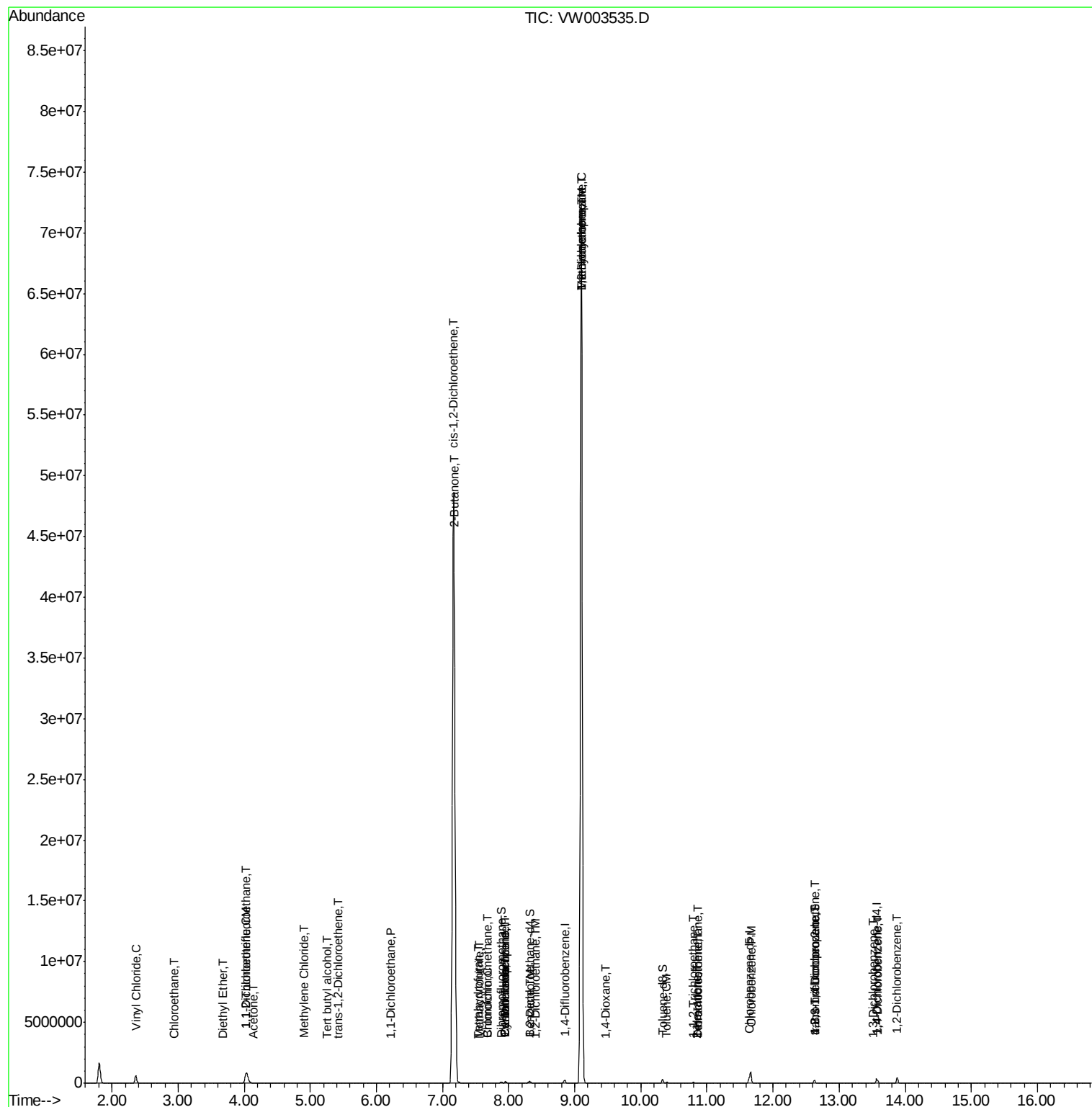
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.58	146	49193	17.698	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	177333	72.407	ug/l	99

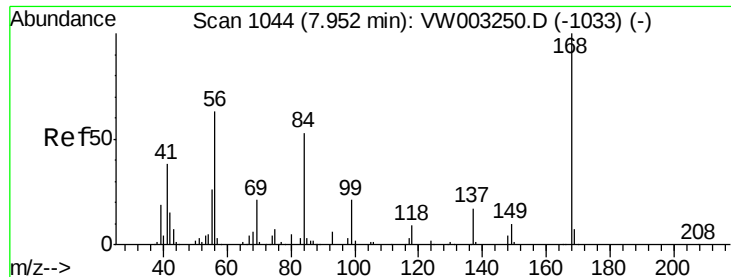
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062418\
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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: VW003535.D

Acq: 25 Jun 2018 04:00

Instrument :

MSVOA_W

ClientSampleId :

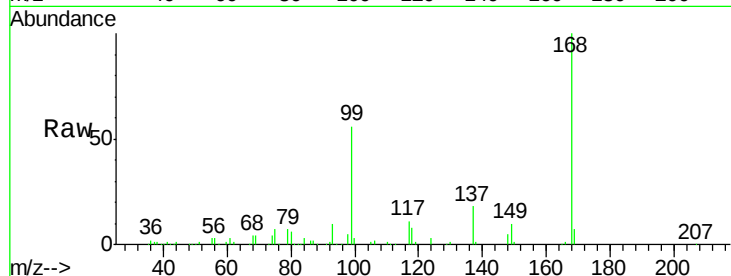
WP021SB474-31-33-180620

Tgt Ion:168 Resp: 88713

Ion Ratio Lower Upper

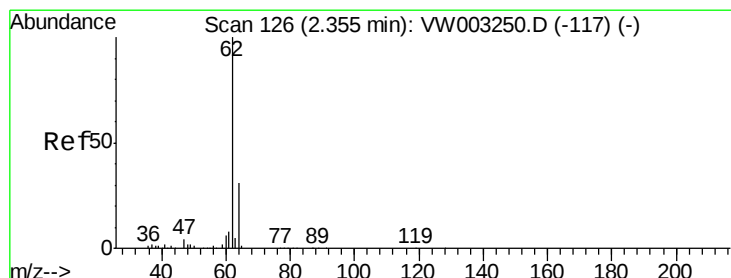
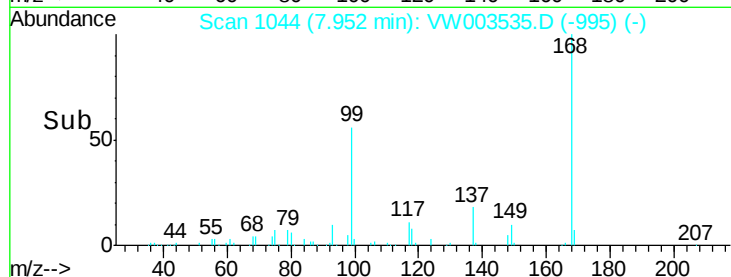
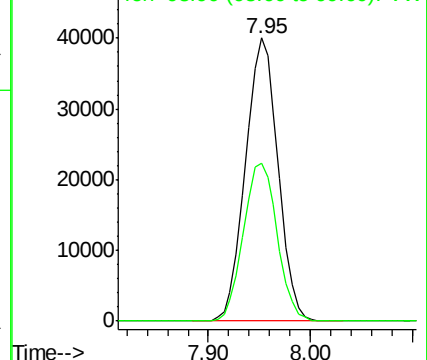
168 100

99 55.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#4

Vinyl Chloride

Concen: 742.998 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003535.D

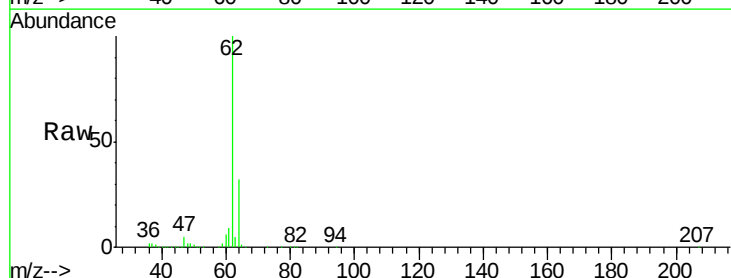
Acq: 25 Jun 2018 04:00

Tgt Ion: 62 Resp: 733975

Ion Ratio Lower Upper

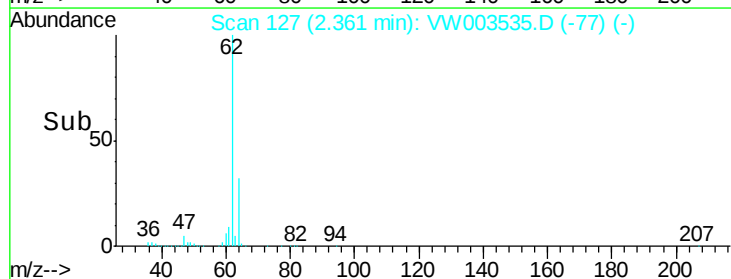
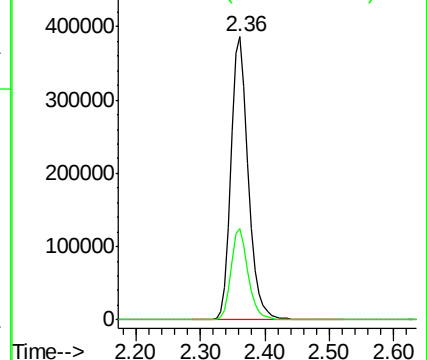
62 100

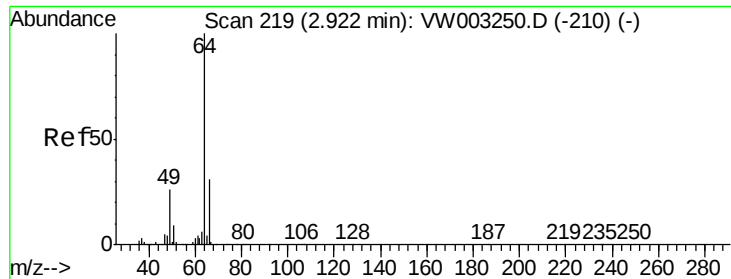
64 32.5 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#6

Chloroethane

Concen: 1.270 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW003535.D

Acq: 25 Jun 2018 04:00

Instrument :

MSVOA_W

ClientSampleId :

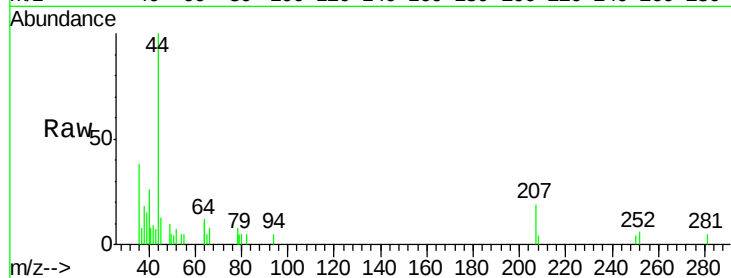
WP021SB474-31-33-180620

Tgt Ion: 64 Resp: 873

Ion Ratio Lower Upper

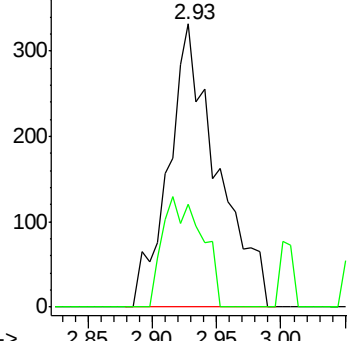
64 100

66 36.4 24.4 36.6

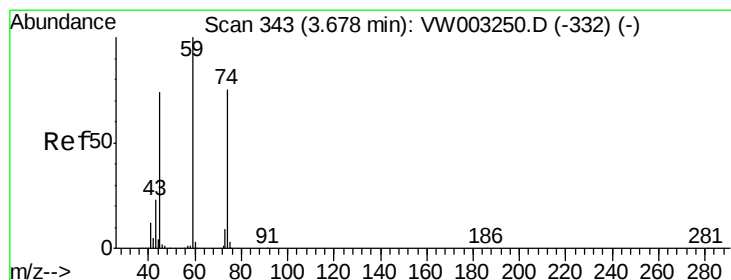
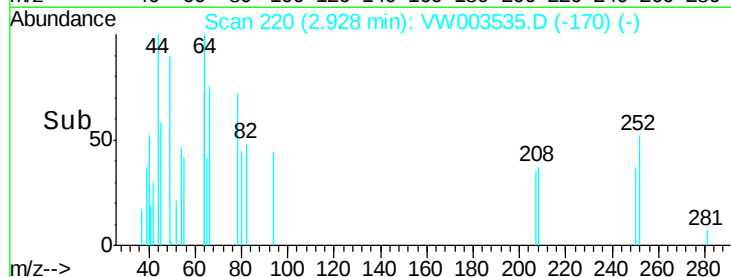


Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



Time-->



#8

Diethyl Ether

Concen: 1.668 ug/l

RT: 3.68 min Scan# 343

Delta R.T. 0.00 min

Lab File: VW003535.D

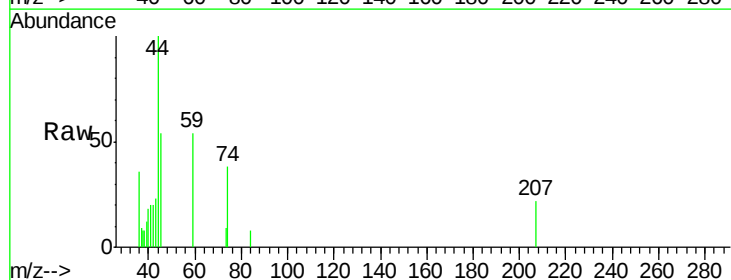
Acq: 25 Jun 2018 04:00

Tgt Ion: 74 Resp: 725

Ion Ratio Lower Upper

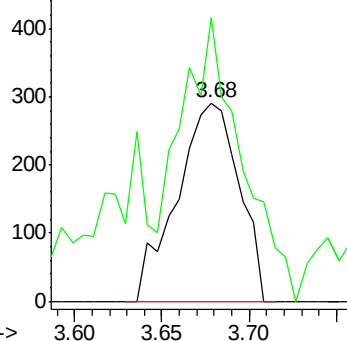
74 100

45 138.6 51.4 154.2

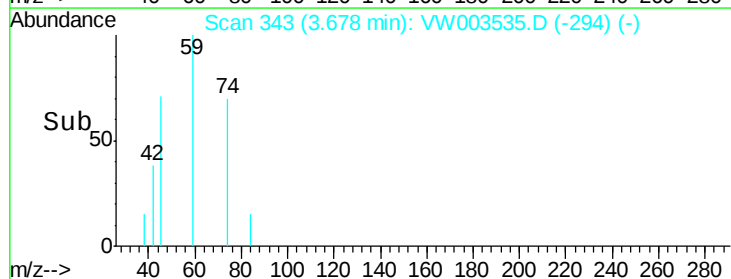


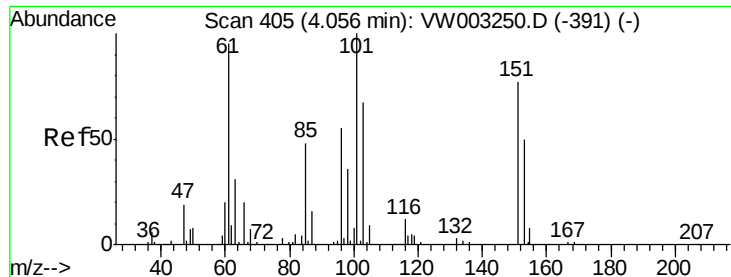
Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.751 ug/l

RT: 4.04 min Scan# 402

Delta R.T. -0.02 min

Lab File: VW003535.D

Acq: 25 Jun 2018 04:00

Instrument :

MSVOA_W

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WP021SB474-31-33-180620

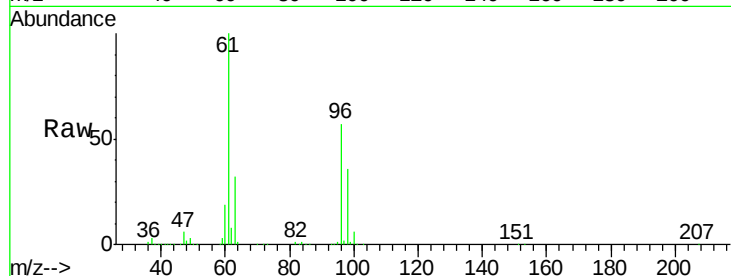
Tgt Ion: 101 Resp: 1439

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

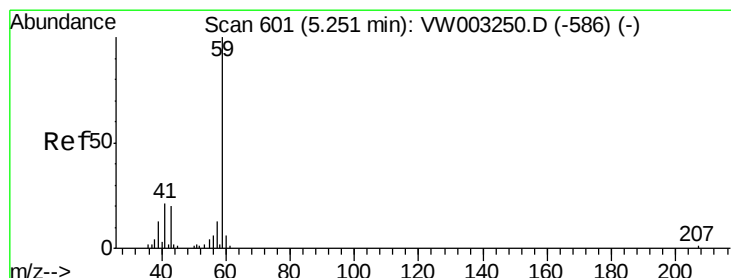
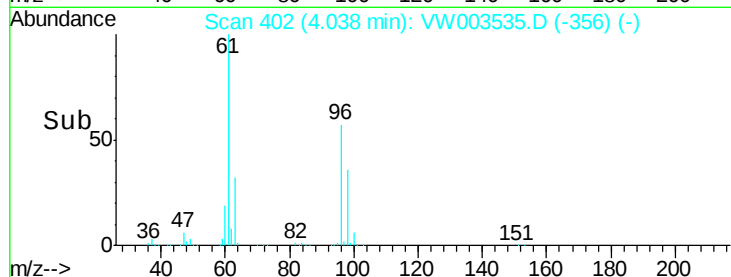
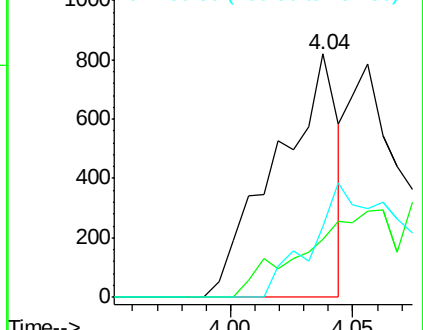
151 76.2 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 5.375 ug/l

RT: 5.26 min Scan# 602

Delta R.T. 0.01 min

Lab File: VW003535.D

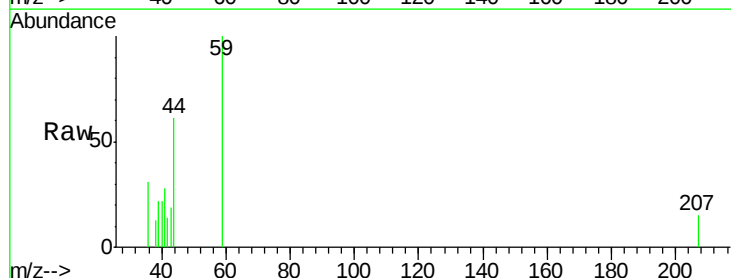
Acq: 25 Jun 2018 04:00

Tgt Ion: 59 Resp: 277

Ion Ratio Lower Upper

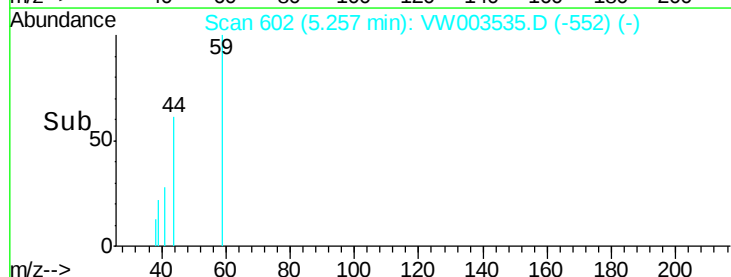
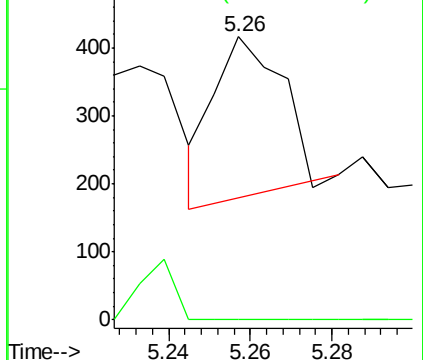
59 100

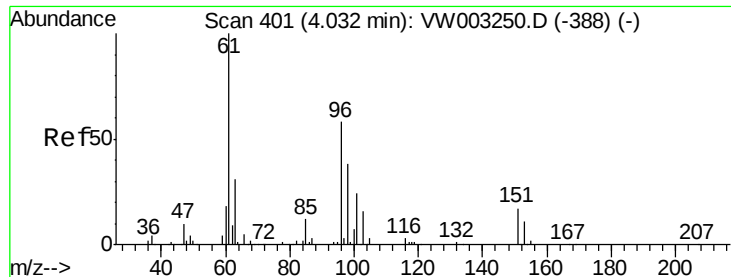
57 18.8 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

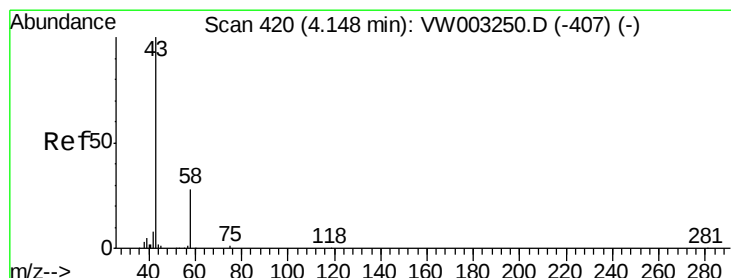
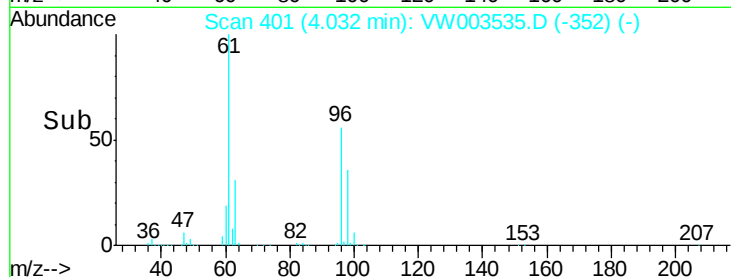
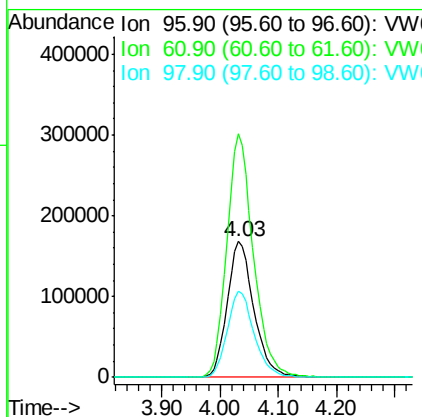
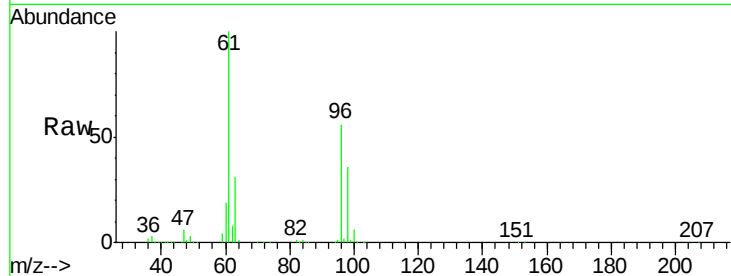




#12
 1,1-Dichloroethene
 Concen: 667.306 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW003535.D
 Acq: 25 Jun 2018 04:00

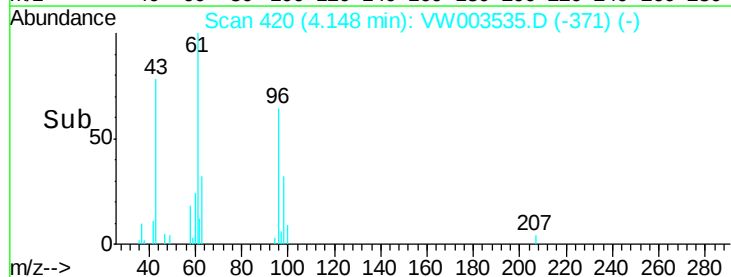
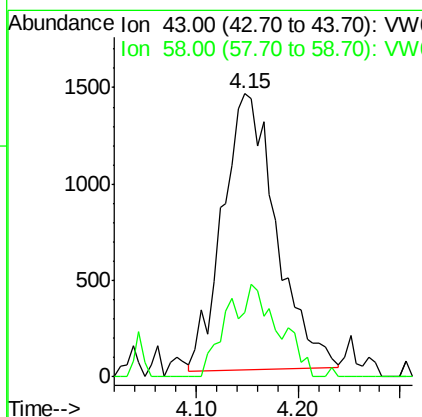
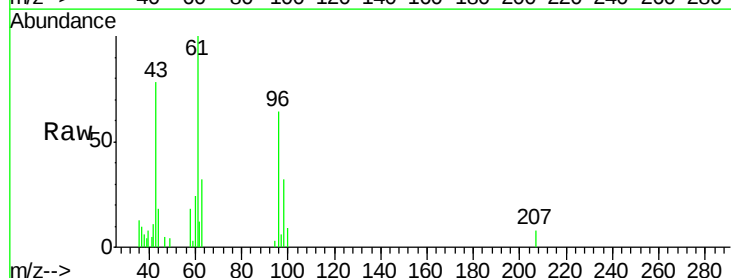
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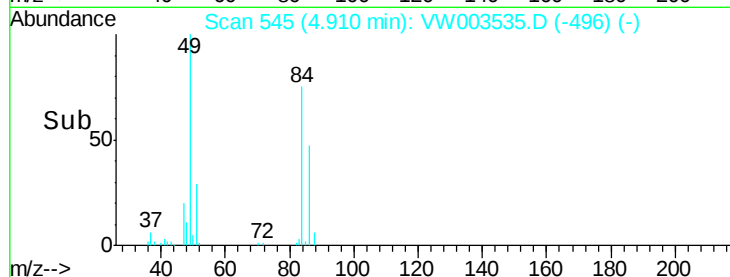
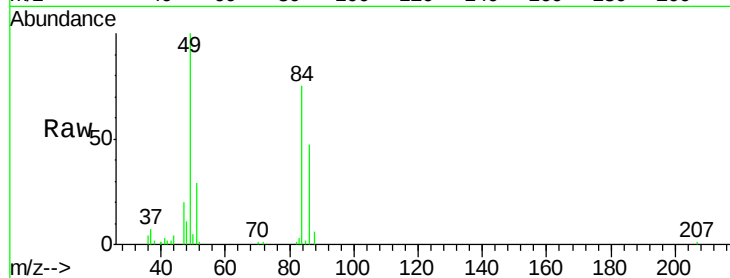
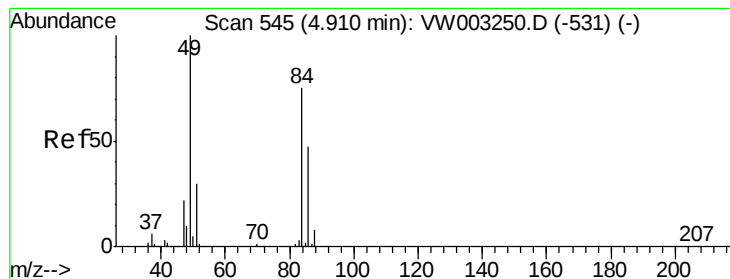
Tgt Ion: 96 Resp: 535892
 Ion Ratio Lower Upper
 96 100
 61 179.1 139.0 208.4
 98 63.7 53.3 79.9



#16
 Acetone
 Concen: 25.952 ug/l
 RT: 4.15 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: VW003535.D
 Acq: 25 Jun 2018 04:00

Tgt Ion: 43 Resp: 5230
 Ion Ratio Lower Upper
 43 100
 58 23.7 22.6 34.0





#20

Methylene Chloride

Concen: 24.156 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003535.D

Acq: 25 Jun 2018 04:00

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-31-33-180620

Tgt Ion: 84 Resp: 22304

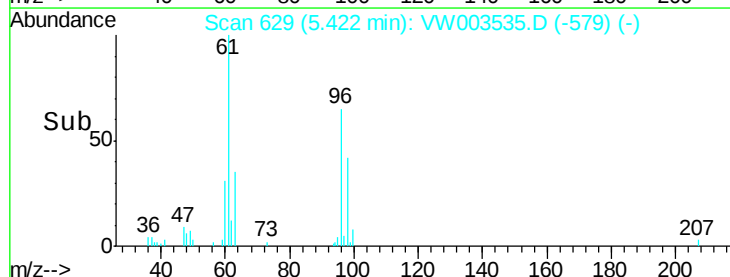
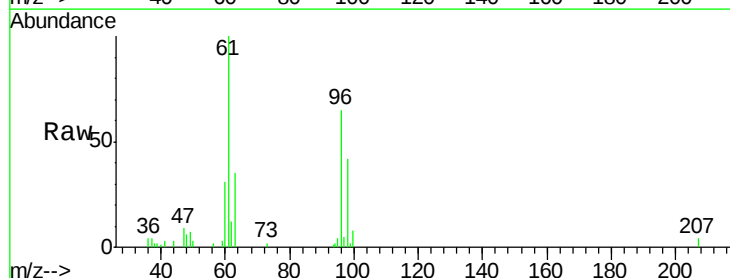
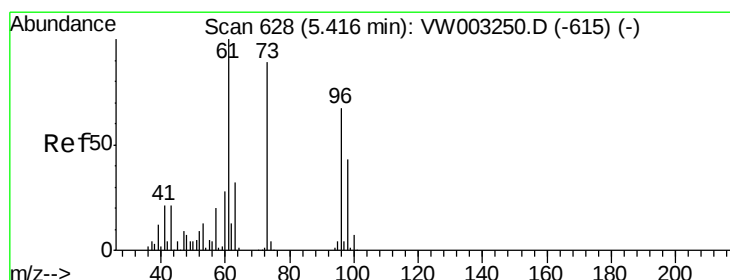
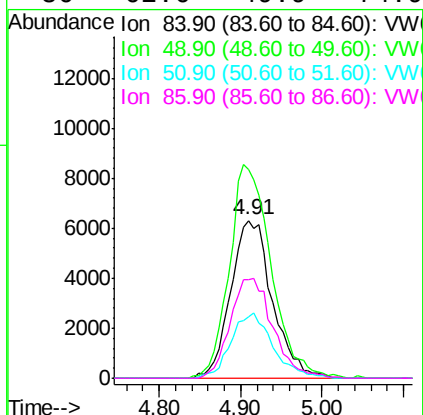
Ion Ratio Lower Upper

84 100

49 132.6 106.3 159.5

51 38.6 32.0 48.0

86 62.6 49.9 74.9



#21

trans-1,2-Dichloroethene

Concen: 13.827 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003535.D

Acq: 25 Jun 2018 04:00

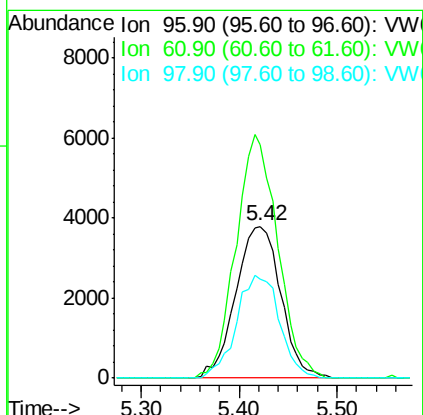
Tgt Ion: 96 Resp: 12085

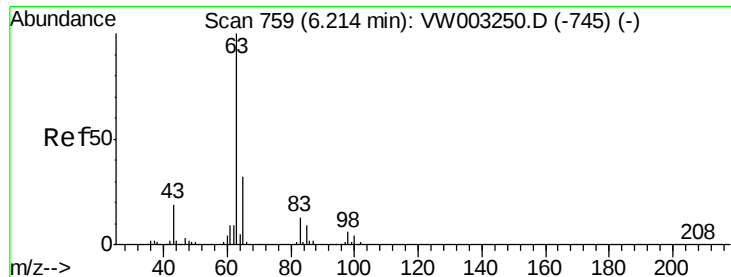
Ion Ratio Lower Upper

96 100

61 153.9 118.7 178.1

98 64.9 51.0 76.6





#24

1,1-Dichloroethane

Concen: 13.034 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW003535.D

Acq: 25 Jun 2018 04:00

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-31-33-180620

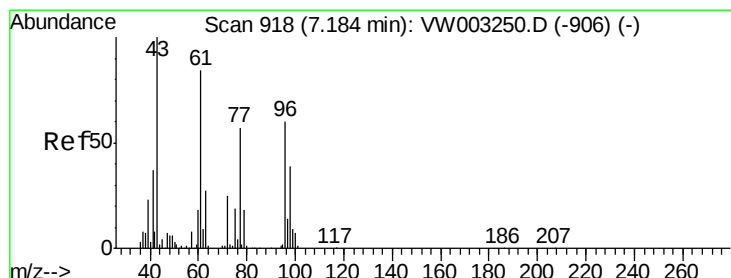
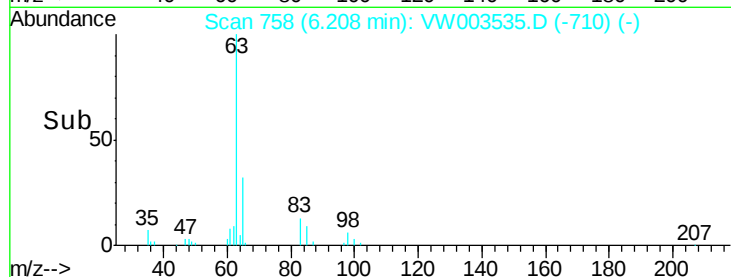
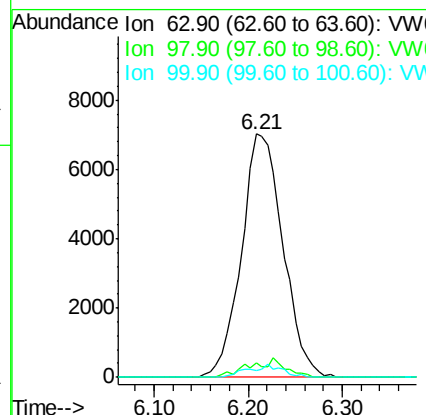
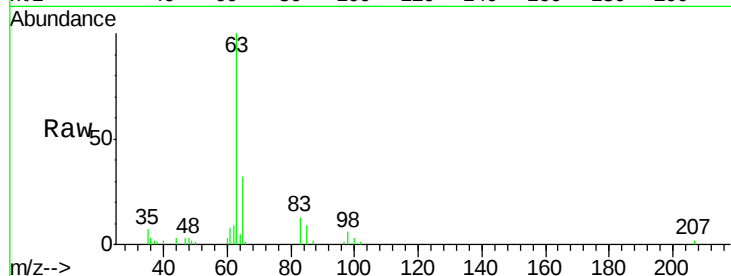
Tgt Ion: 63 Resp: 21662

Ion Ratio Lower Upper

63 100

98 6.2 2.8 8.3

100 2.8 2.1 6.5



#25

2-Butanone

Concen: 5.044 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003535.D

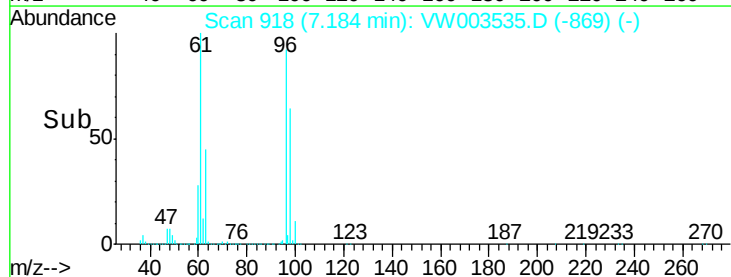
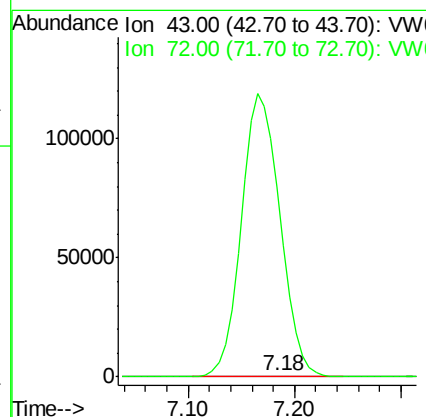
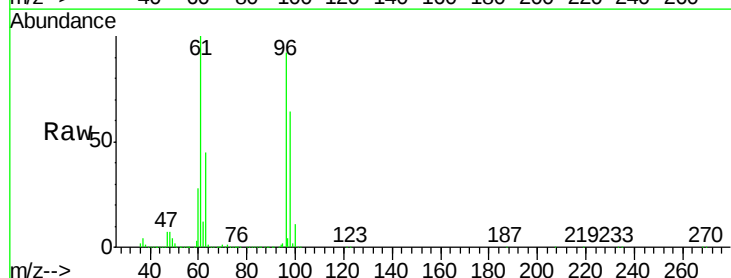
Acq: 25 Jun 2018 04:00

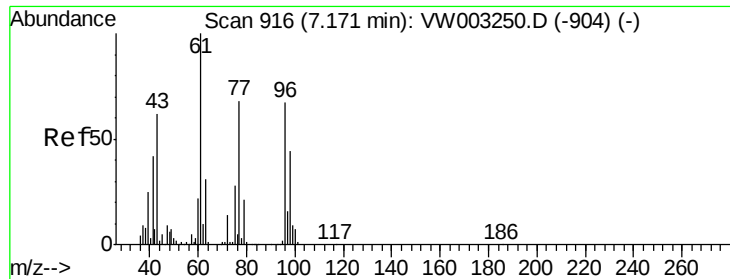
Tgt Ion: 43 Resp: 1264

Ion Ratio Lower Upper

43 100

72 21839.2 20.3 30.5#

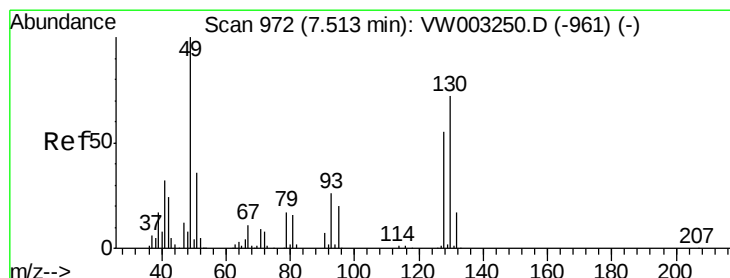
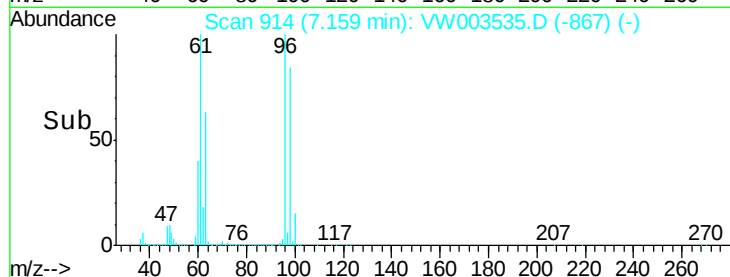
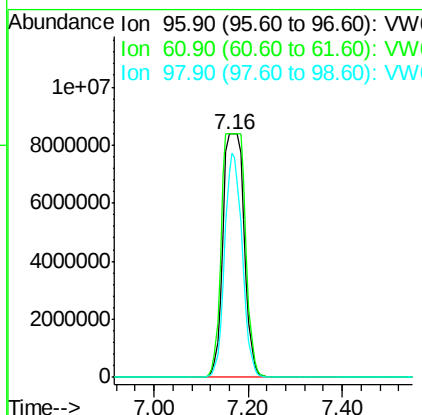
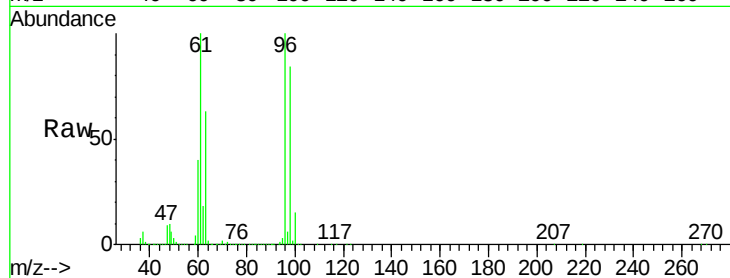




#27
 cis-1,2-Dichloroethene
 Concen: 27094.640 ug/l
 RT: 7.16 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VW003535.D
 Acq: 25 Jun 2018 04:00

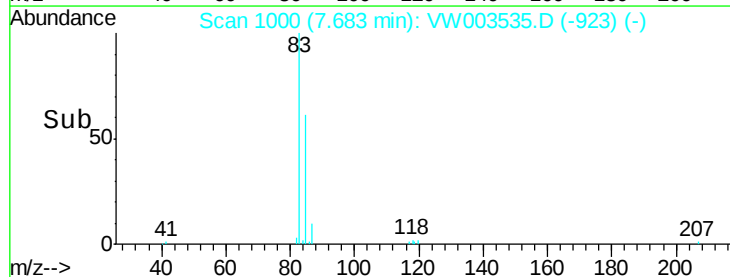
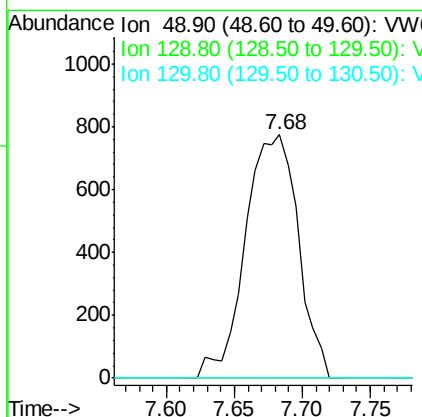
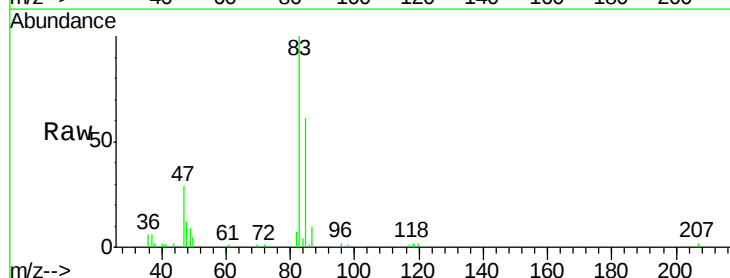
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-31-33-180620

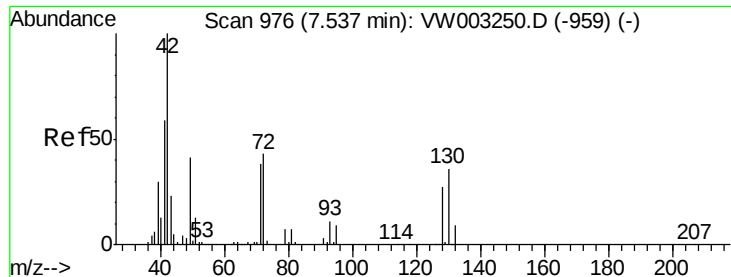
Tgt Ion: 96 Resp:26013977
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 298.8
 98 76.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 3.041 ug/l
 RT: 7.68 min Scan# 1000
 Delta R.T. 0.17 min
 Lab File: VW003535.D
 Acq: 25 Jun 2018 04:00

Tgt Ion: 49 Resp: 2103
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 0.0 59.4 89.2#

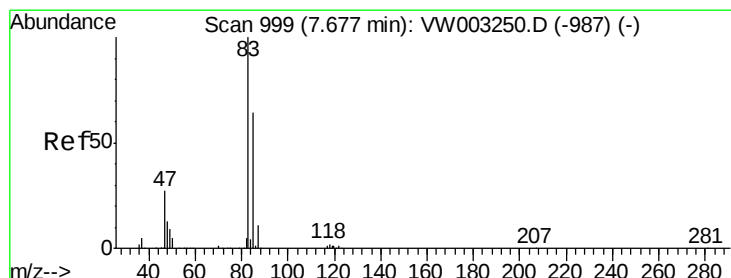
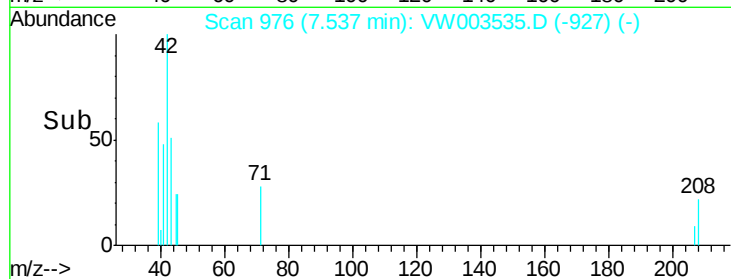
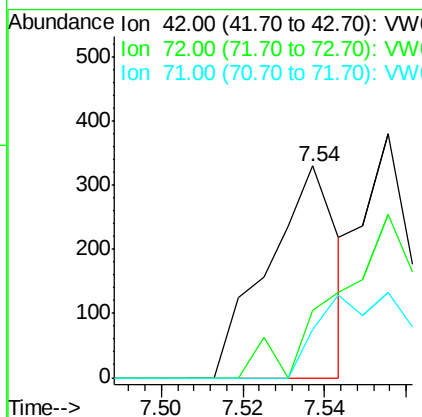
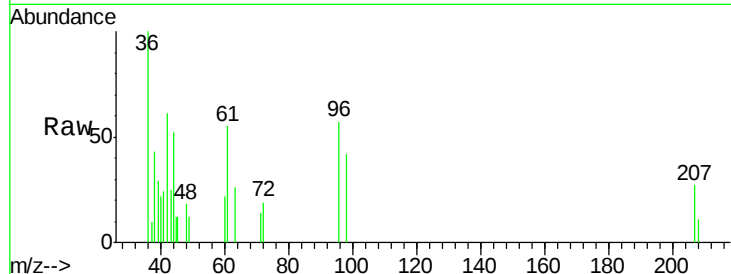




#29
Tetrahydrofuran
Concen: 2.546 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003535.D
Acq: 25 Jun 2018 04:00

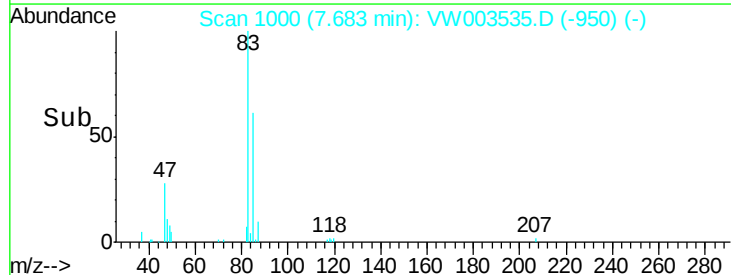
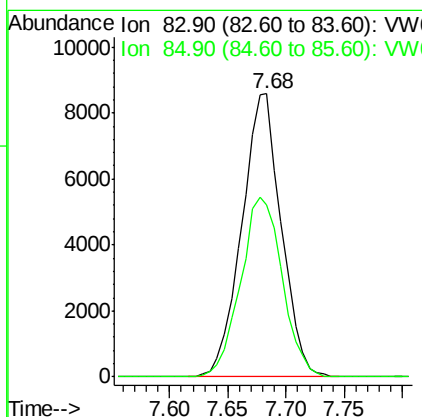
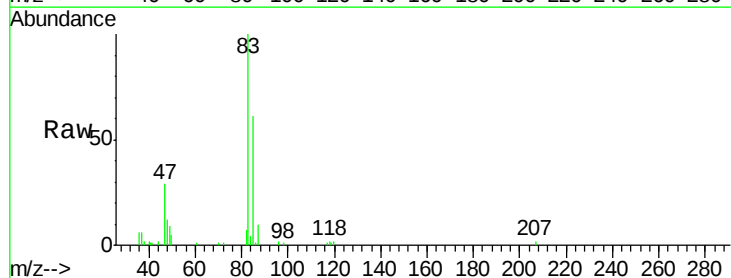
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-31-33-180620

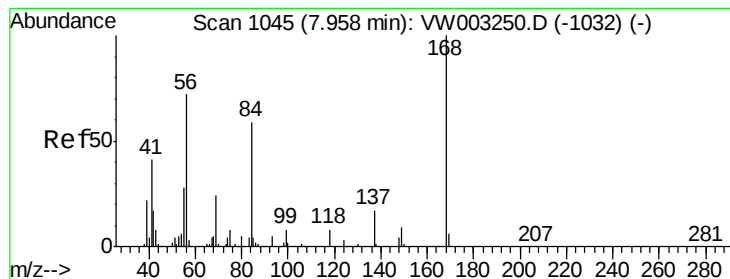
Tgt Ion: 42 Resp: 390
Ion Ratio Lower Upper
42 100
72 95.1 32.4 48.6#
71 47.9 31.2 46.8#



#30
Chloroform
Concen: 11.952 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VW003535.D
Acq: 25 Jun 2018 04:00

Tgt Ion: 83 Resp: 20237
Ion Ratio Lower Upper
83 100
85 61.0 51.3 76.9





#31

Cyclohexane

Concen: 1.933 ug/l

RT: 7.94 min Scan# 1042

Delta R.T. -0.02 min

Lab File: VW003535.D

Acq: 25 Jun 2018 04:00

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-31-33-180620

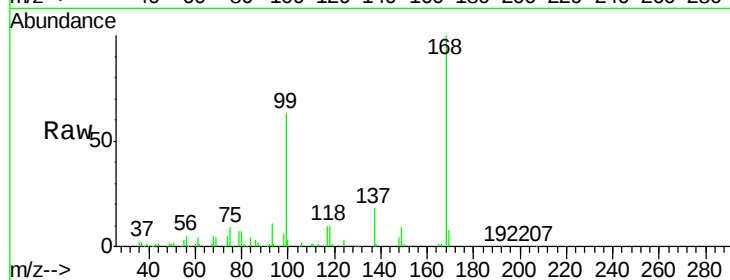
Tgt Ion: 56 Resp: 3001

Ion Ratio Lower Upper

56 100

69 82.1 26.3 39.5#

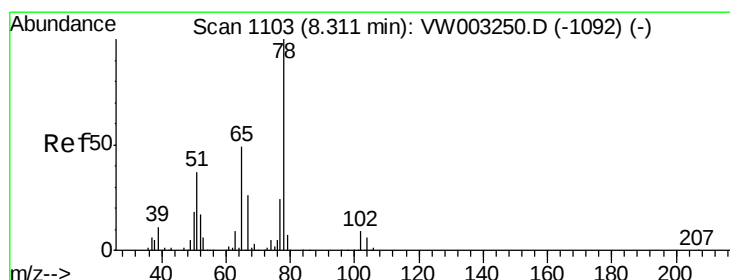
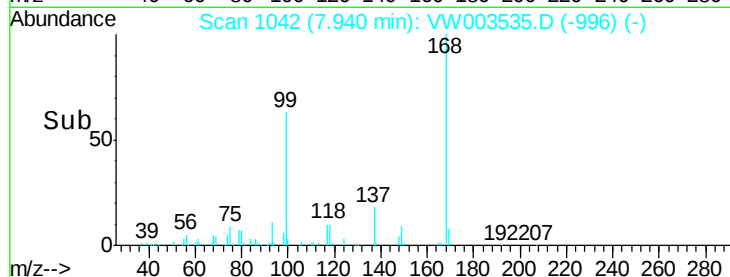
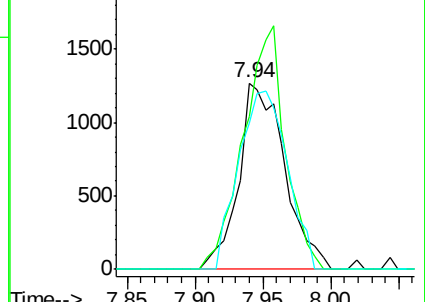
84 78.6 65.7 98.5



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: 79.804 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003535.D

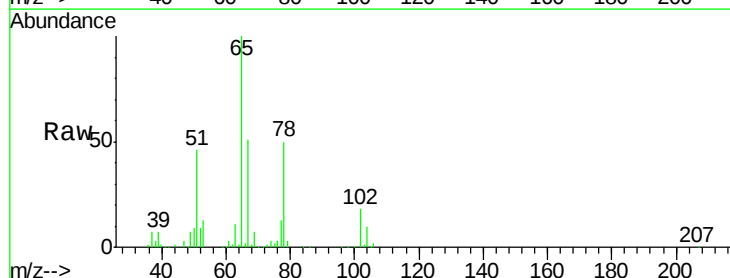
Acq: 25 Jun 2018 04:00

Tgt Ion: 65 Resp: 76684

Ion Ratio Lower Upper

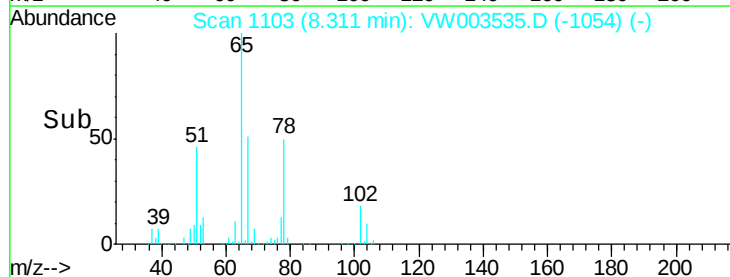
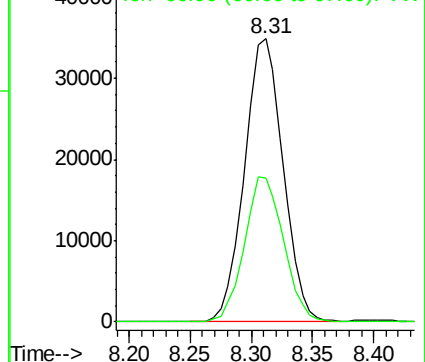
65 100

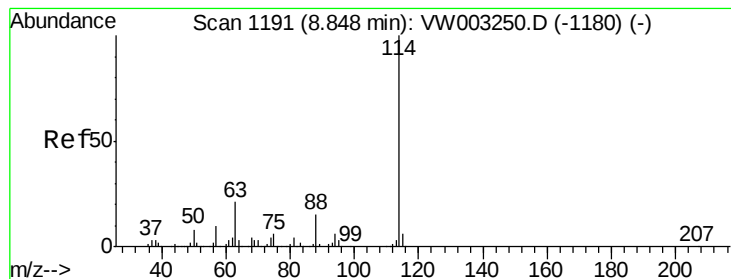
67 51.8 0.0 104.2



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: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003535.D

Acq: 25 Jun 2018 04:00

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-31-33-180620

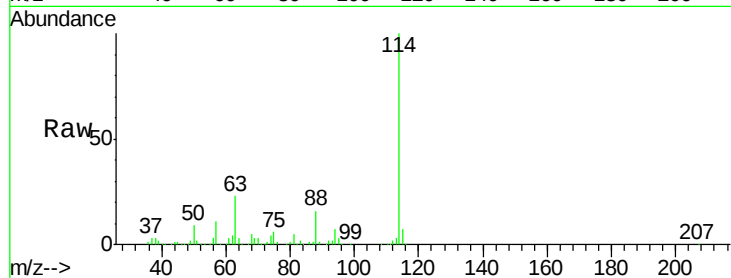
Tgt Ion:114 Resp: 176880

Ion Ratio Lower Upper

114 100

63 23.0 0.0 43.0

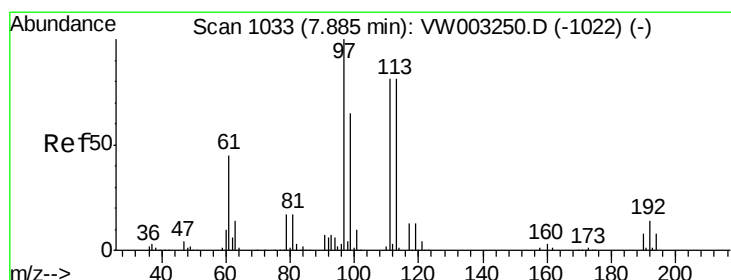
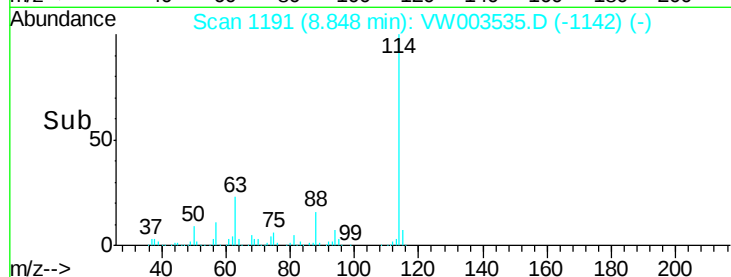
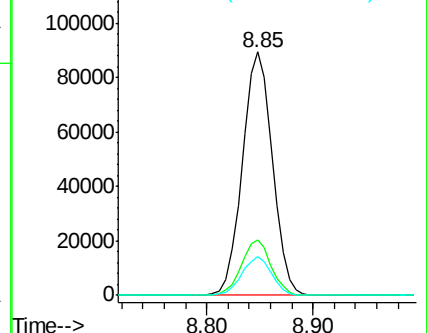
88 15.9 0.0 29.6



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



#35

Dibromofluoromethane

Concen: 57.806 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003535.D

Acq: 25 Jun 2018 04:00

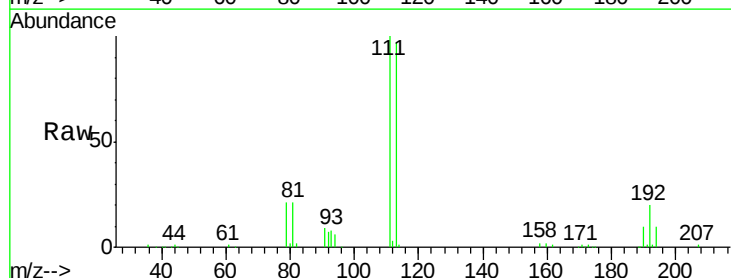
Tgt Ion:113 Resp: 63533

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

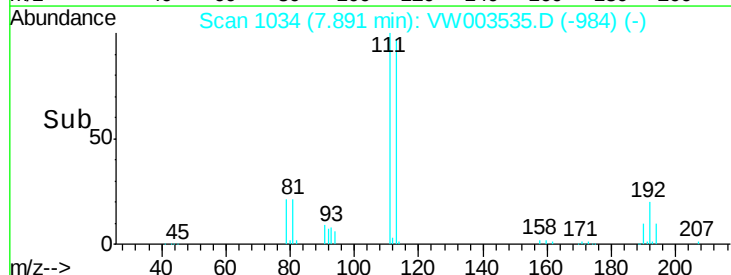
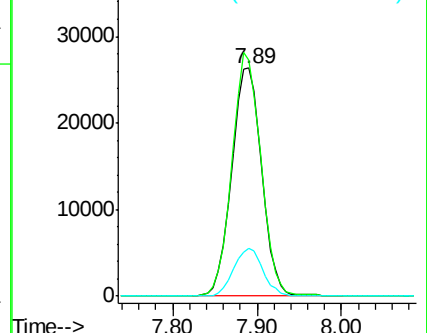
192 20.3 16.2 24.2

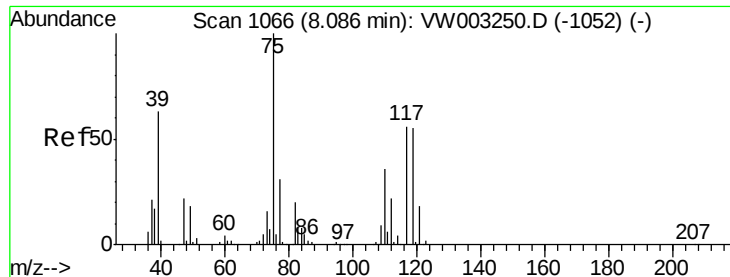


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

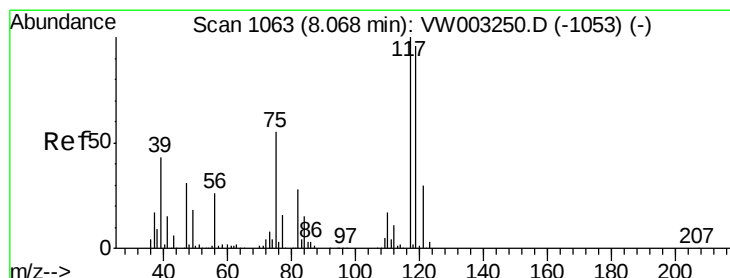
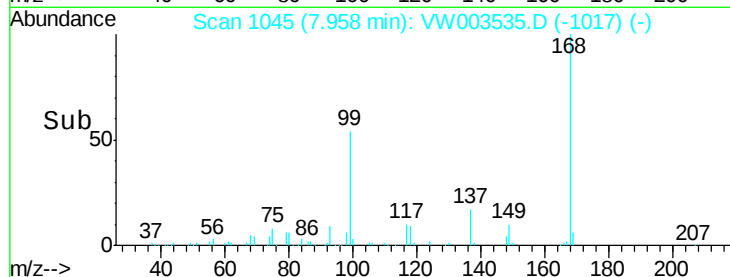
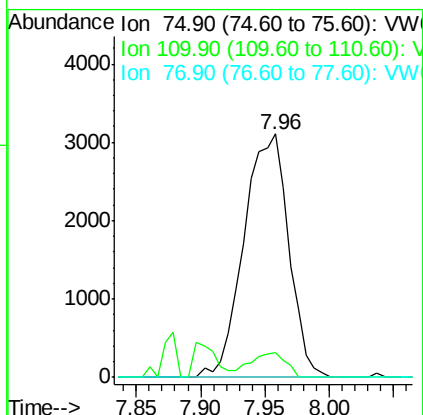
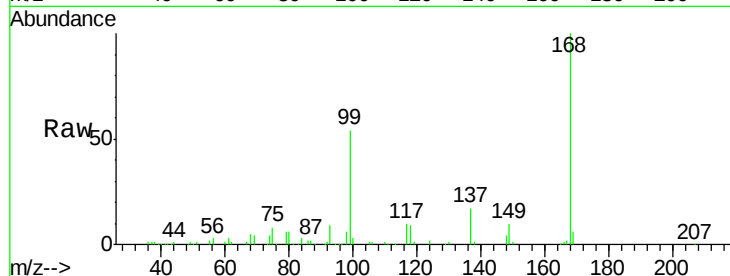




#36
 1,1-Dichloropropene
 Concen: 4.368 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW003535.D
 Acq: 25 Jun 2018 04:00

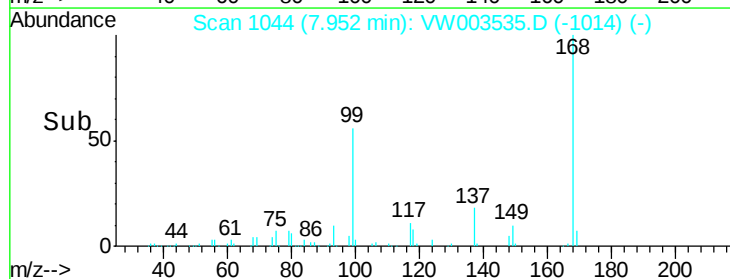
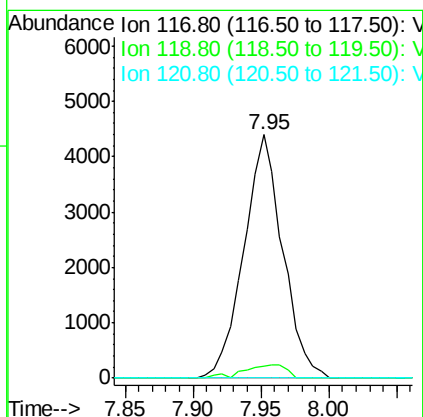
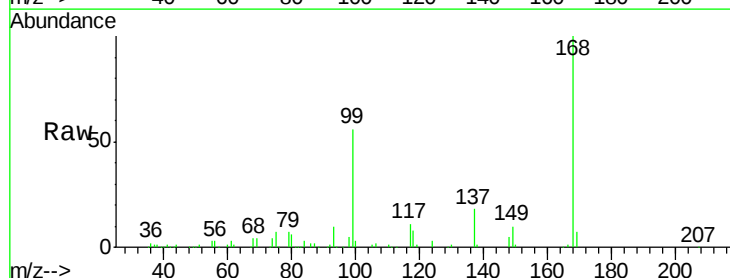
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-31-33-180620

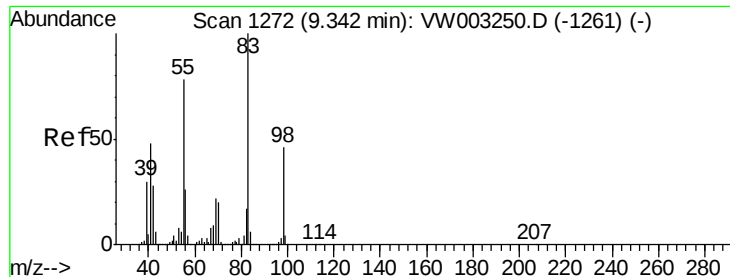
Tgt Ion: 75 Resp: 7461
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.239 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003535.D
 Acq: 25 Jun 2018 04:00

Tgt Ion: 117 Resp: 8778
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.6 115.0#
 121 0.0 23.9 35.9#

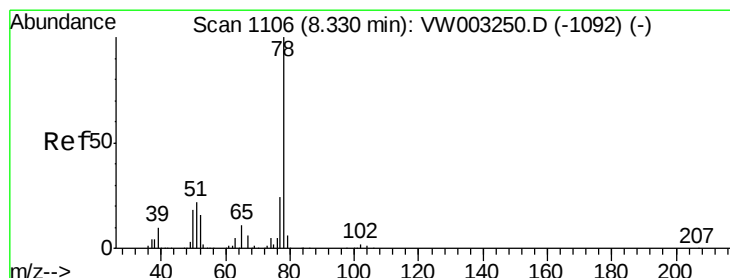
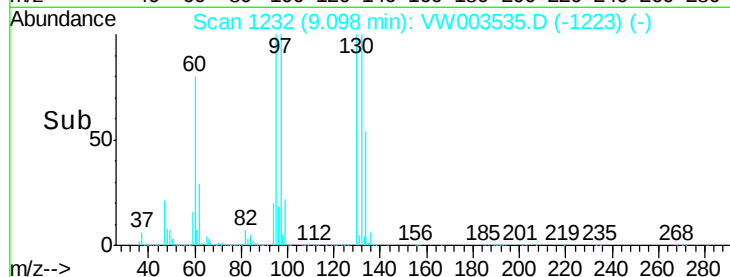
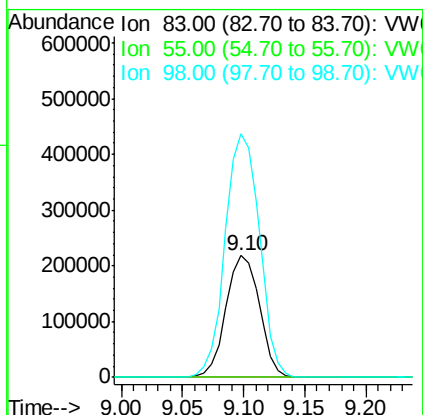
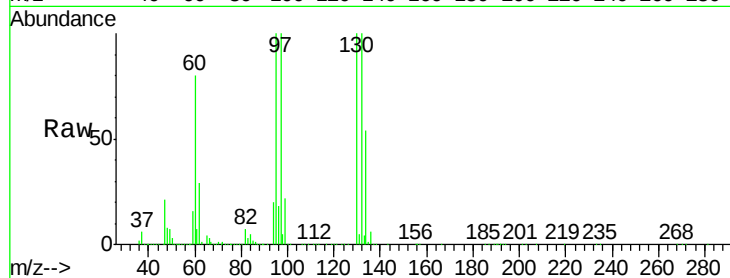




#39
Methylcyclohexane
Concen: 209.656 ug/l
RT: 9.10 min Scan# 1232
Delta R.T. -0.24 min
Lab File: VW003535.D
Acq: 25 Jun 2018 04:00

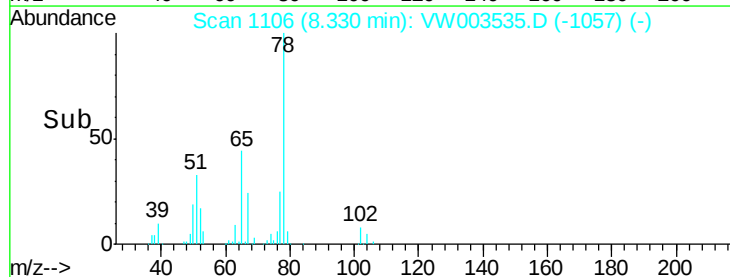
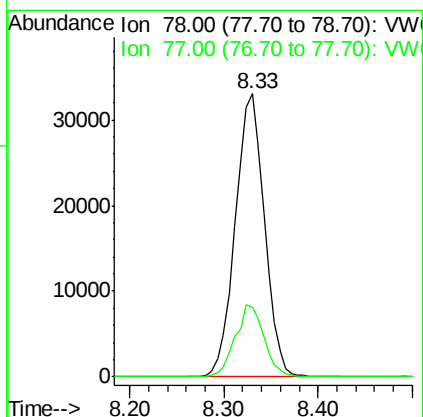
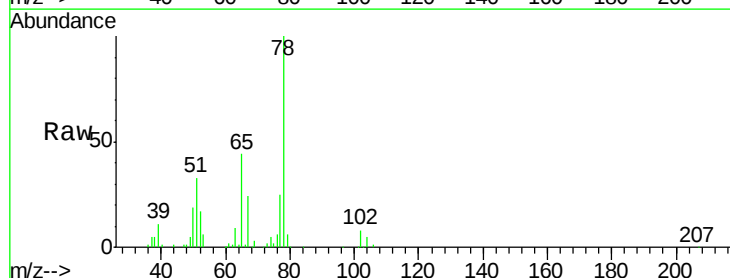
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-31-33-180620

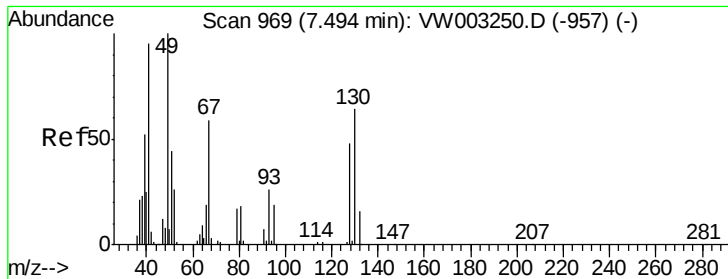
Tgt Ion: 83 Resp: 414389
Ion Ratio Lower Upper
83 100
55 0.1 62.6 93.8#
98 200.6 37.0 55.4#



#40
Benzene
Concen: 15.198 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003535.D
Acq: 25 Jun 2018 04:00

Tgt Ion: 78 Resp: 71559
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6

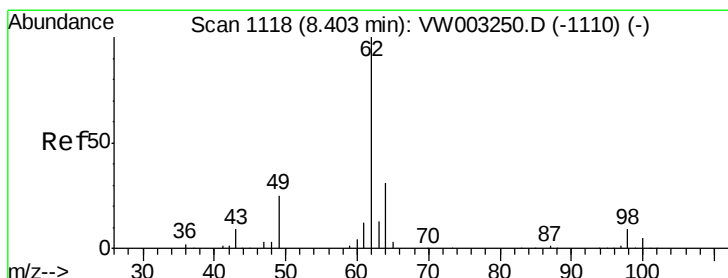
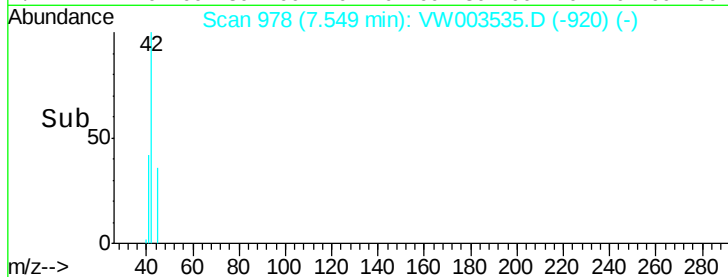
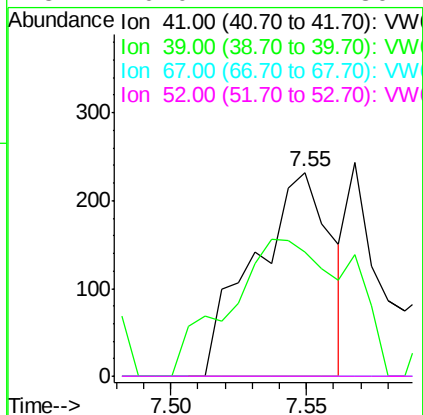
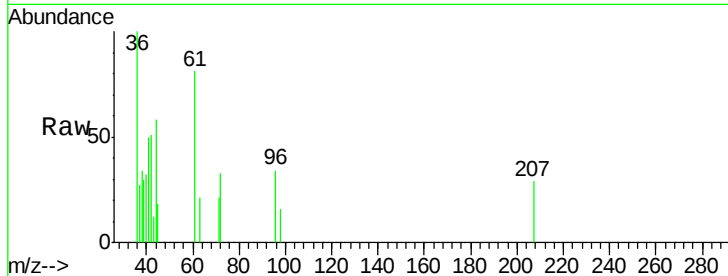




#41
Methacrylonitrile
Concen: 1.048 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.05 min
Lab File: VW003535.D
Acq: 25 Jun 2018 04:00

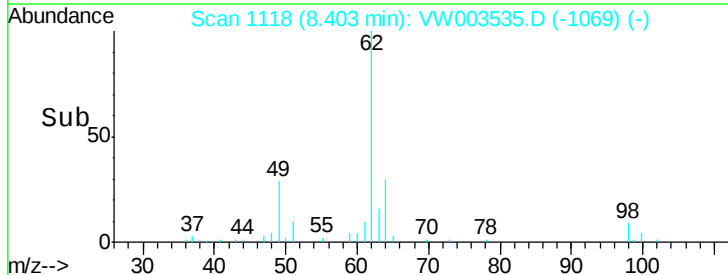
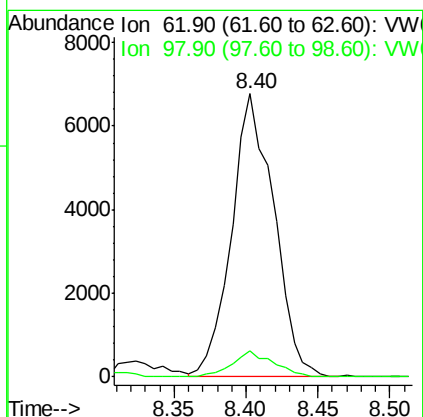
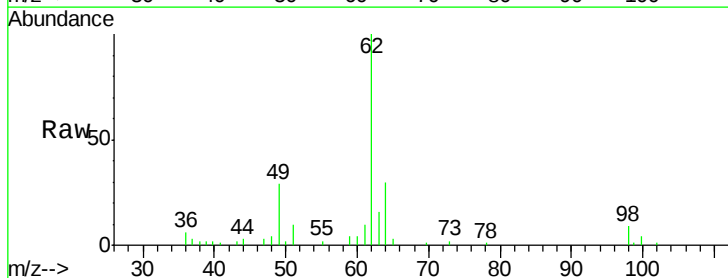
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-31-33-180620

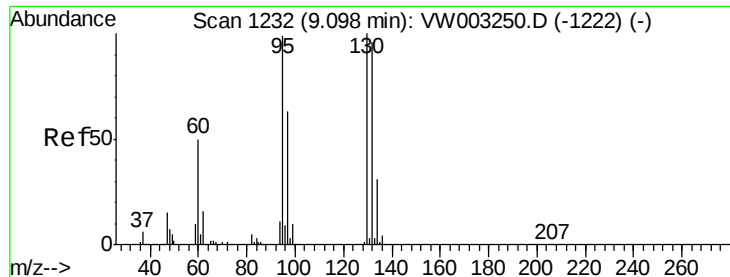
Tgt Ion:	41	Resp:	455
Ion	Ratio	Lower	Upper
41	100		
39	104.8	45.8	68.8#
67	0.0	52.3	78.5#
52	0.0	24.1	36.1#



#42
1,2-Dichloroethane
Concen: 9.386 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003535.D
Acq: 25 Jun 2018 04:00

Tgt Ion:	62	Resp:	13847
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





#44

Trichloroethene

Concen: 17458.910 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003535.D

Acq: 25 Jun 2018 04:00

Instrument :

MSVOA_W

ClientSampleId :

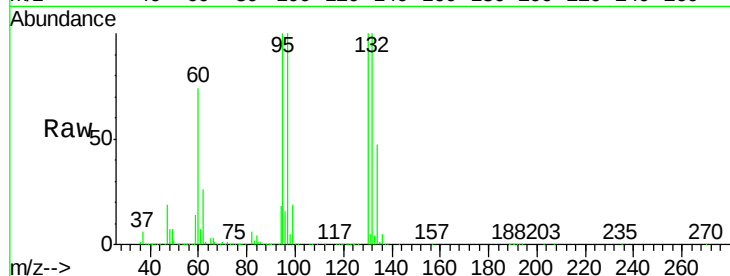
WP021SB474-31-33-180620

Tgt Ion:130 Resp:21782784

Ion Ratio Lower Upper

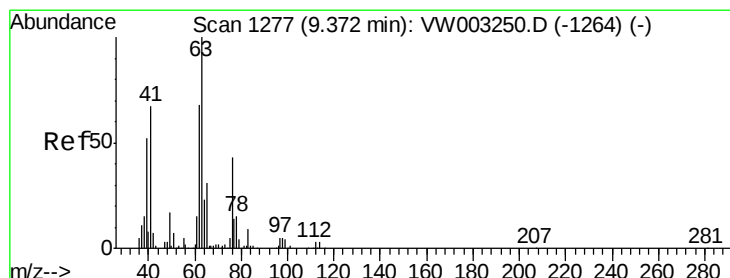
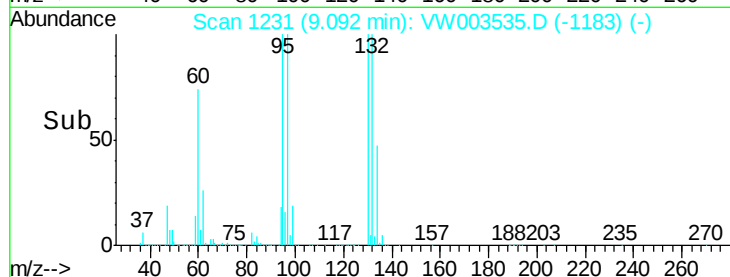
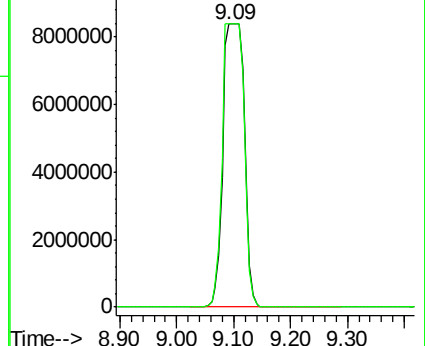
130 100

95 100.0 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#45

1,2-Dichloropropane

Concen: 69.128 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. -0.27 min

Lab File: VW003535.D

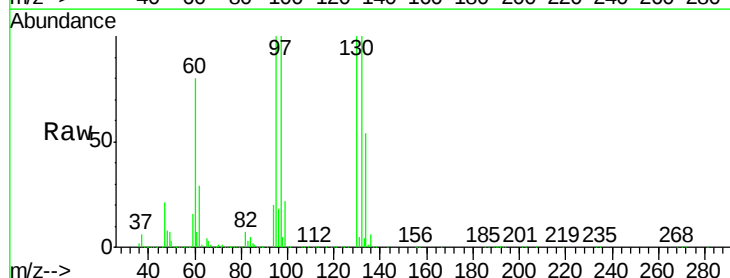
Acq: 25 Jun 2018 04:00

Tgt Ion: 63 Resp: 82875

Ion Ratio Lower Upper

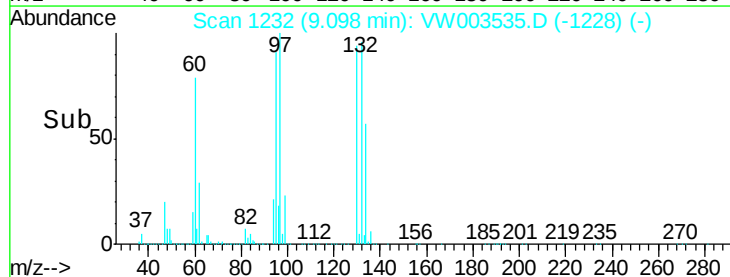
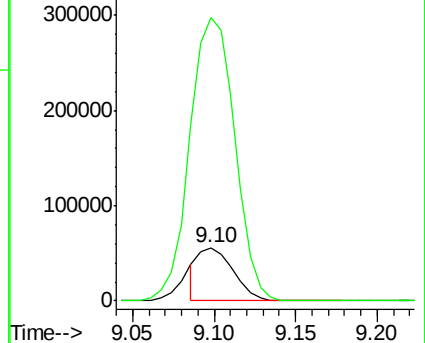
63 100

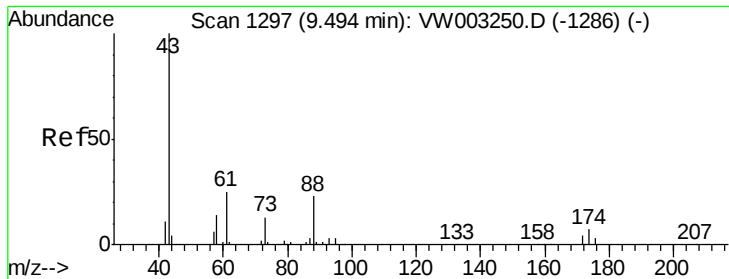
65 533.8 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

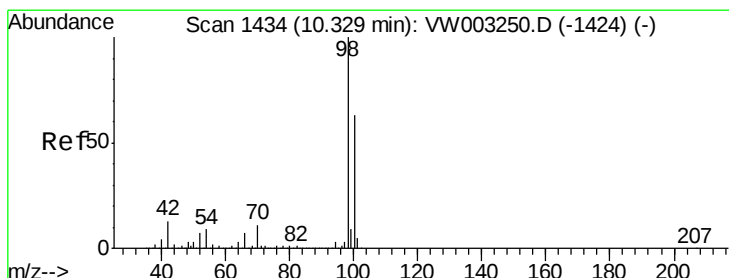
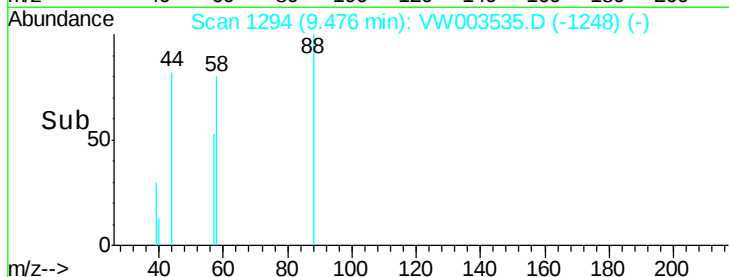
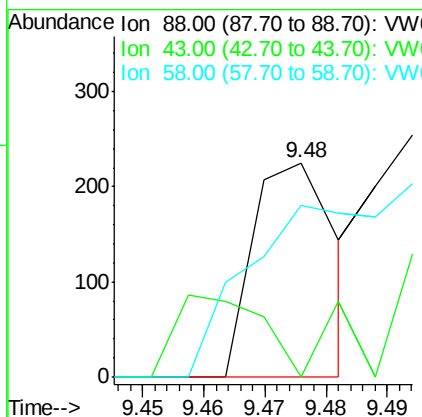
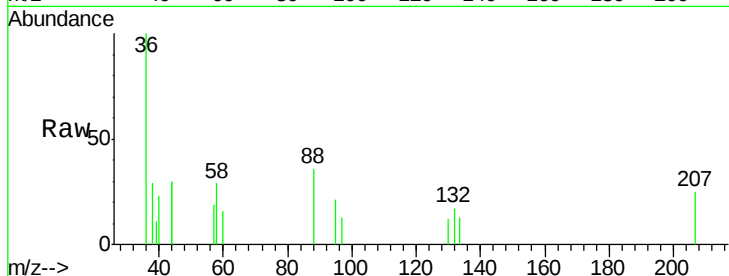




#49
 1,4-Dioxane
 Concen: 22.768 ug/l
 RT: 9.48 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: VW003535.D
 Acq: 25 Jun 2018 04:00

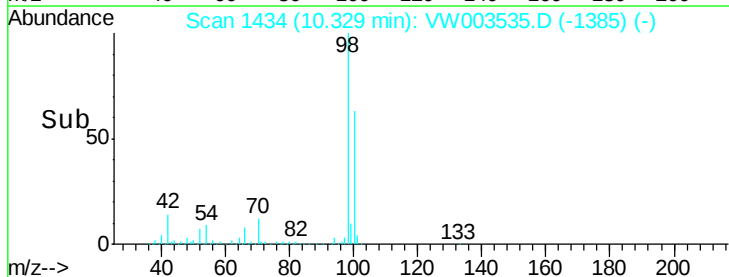
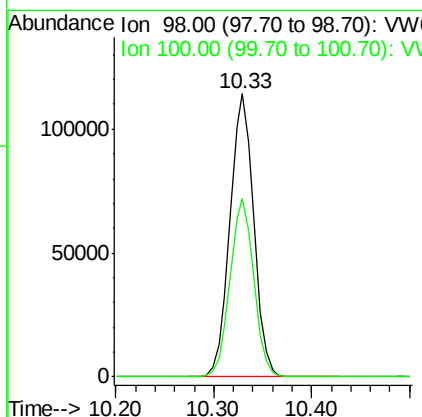
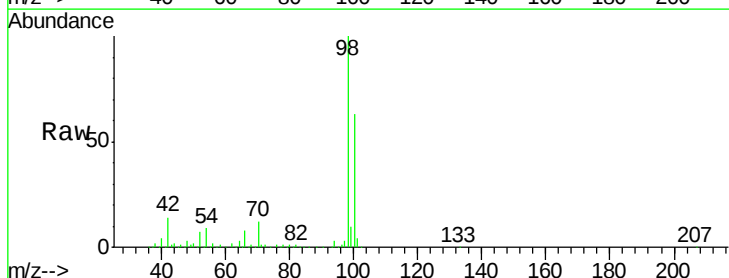
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-31-33-180620

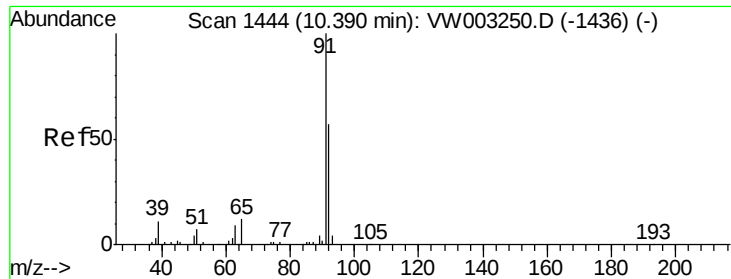
Tgt Ion: 88 Resp: 211
 Ion Ratio Lower Upper
 88 100
 43 39.8 454.7 682.1#
 58 0.0 58.6 88.0#



#50
 Toluene-d8
 Concen: 44.148 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003535.D
 Acq: 25 Jun 2018 04:00

Tgt Ion: 98 Resp: 192400
 Ion Ratio Lower Upper
 98 100
 100 62.7 50.8 76.2





#52

Toluene

Concen: 8.342 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003535.D

Acq: 25 Jun 2018 04:00

Instrument :

MSVOA_W

ClientSampleId :

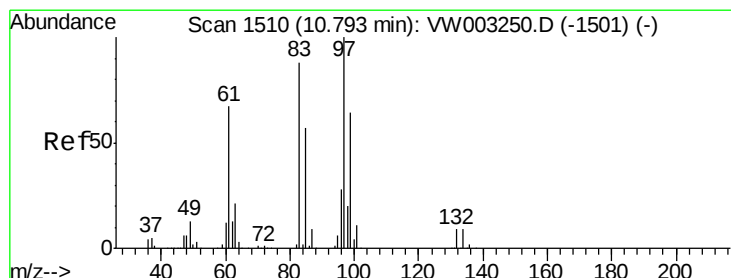
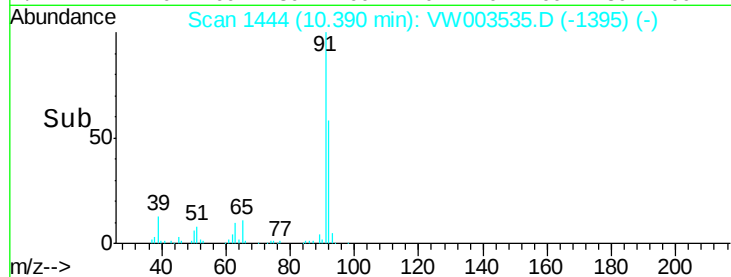
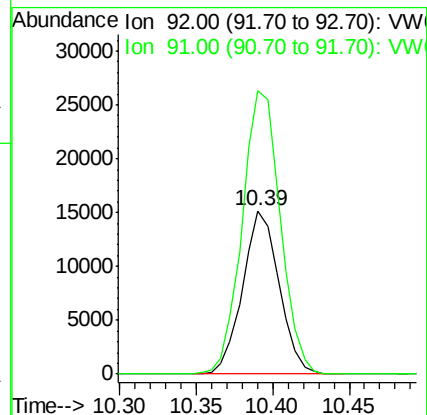
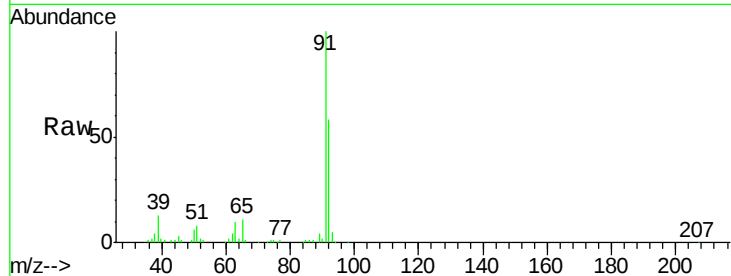
WP021SB474-31-33-180620

Tgt Ion: 92 Resp: 25188

Ion Ratio Lower Upper

92 100

91 180.9 141.1 211.7



#55

1,1,2-Trichloroethane

Concen: 16.849 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003535.D

Acq: 25 Jun 2018 04:00

Tgt Ion: 97 Resp: 14573

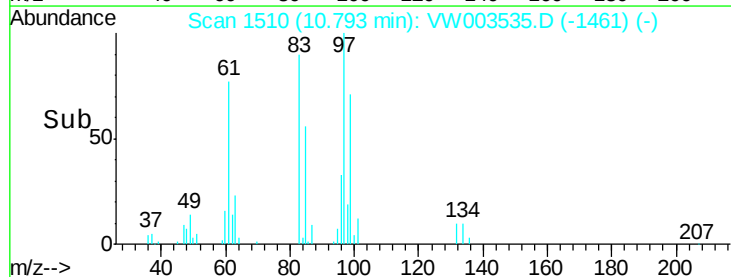
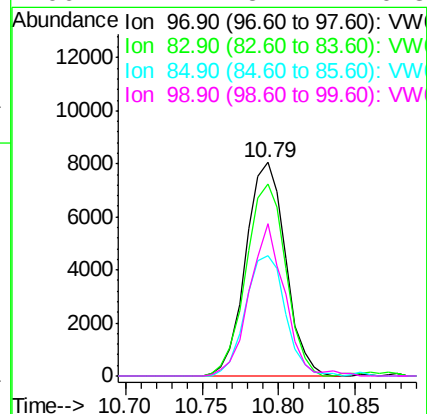
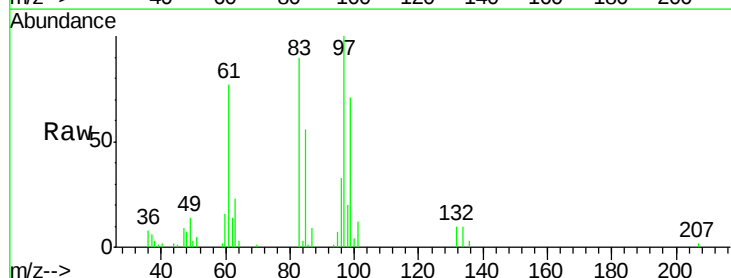
Ion Ratio Lower Upper

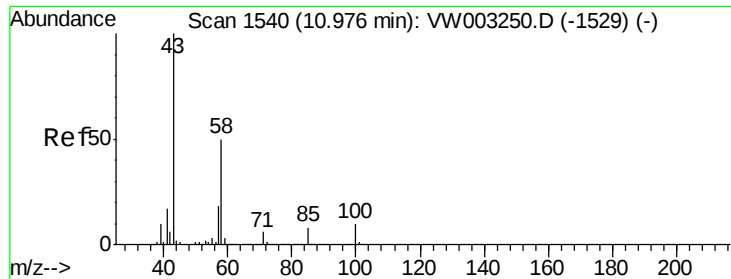
97 100

83 89.7 70.2 105.2

85 56.2 45.6 68.4

99 71.2 51.2 76.8

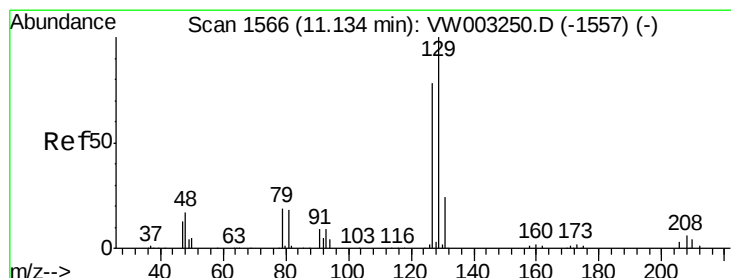
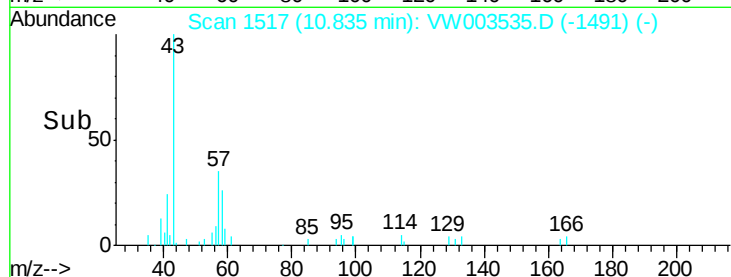
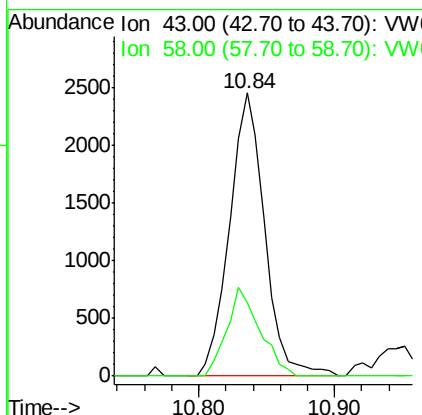
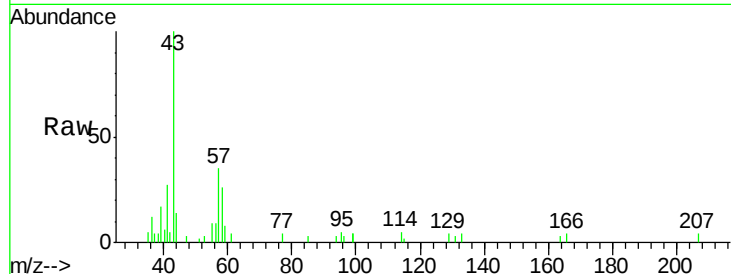




#59
2-Hexanone
Concen: 8.807 ug/l
RT: 10.84 min Scan# 1517
Delta R.T. -0.14 min
Lab File: VW003535.D
Acq: 25 Jun 2018 04:00

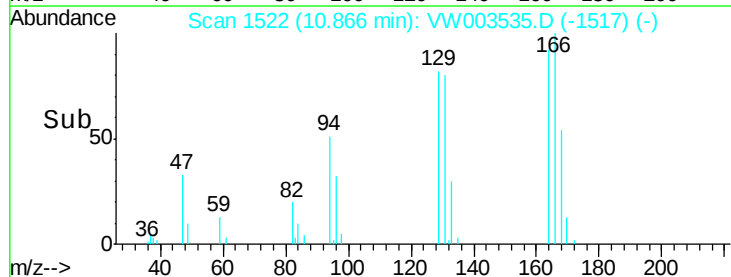
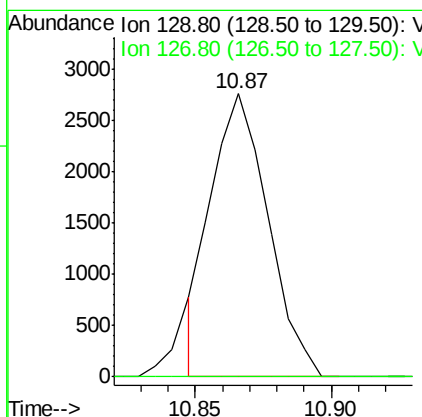
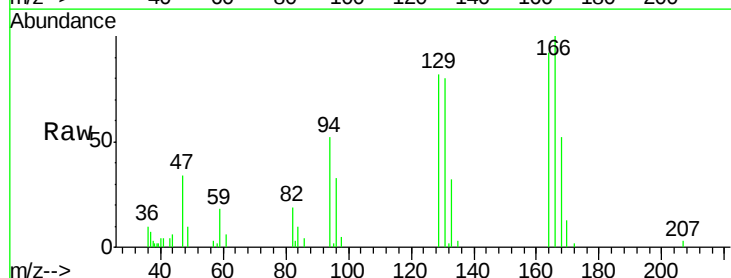
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-31-33-180620

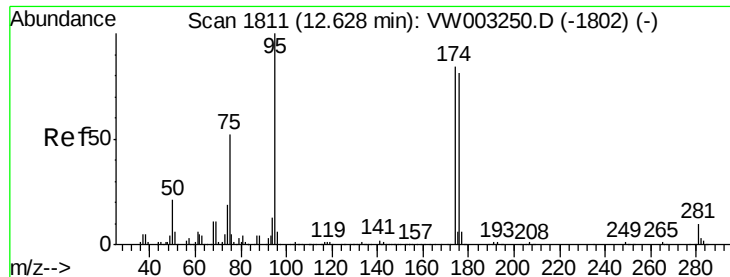
Tgt Ion: 43 Resp: 4405
Ion Ratio Lower Upper
43 100
58 29.3 25.0 75.0



#60
Dibromochloromethane
Concen: 3.918 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.27 min
Lab File: VW003535.D
Acq: 25 Jun 2018 04:00

Tgt Ion: 129 Resp: 4030
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.5#





#62

4-Bromofluorobenzene

Concen: 49.888 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003535.D

Acq: 25 Jun 2018 04:00

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-31-33-180620

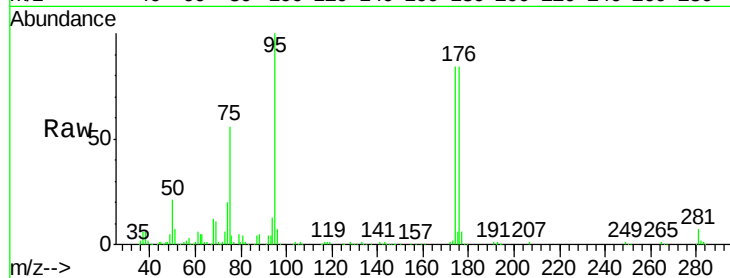
Tgt Ion: 95 Resp: 76941

Ion Ratio Lower Upper

95 100

174 82.0 0.0 166.4

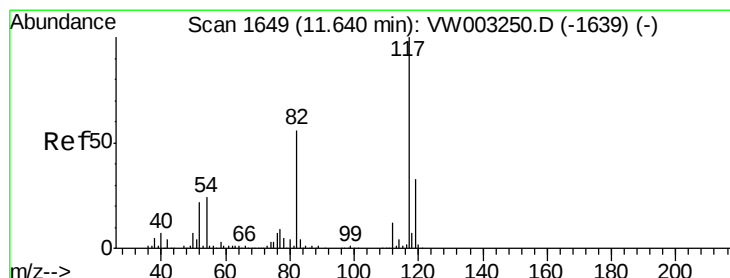
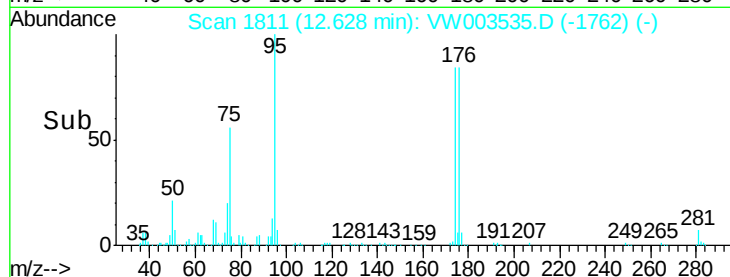
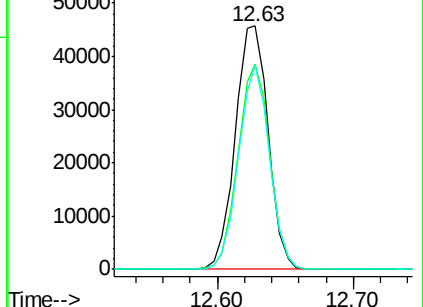
176 78.8 0.0 162.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW003535.D

Acq: 25 Jun 2018 04:00

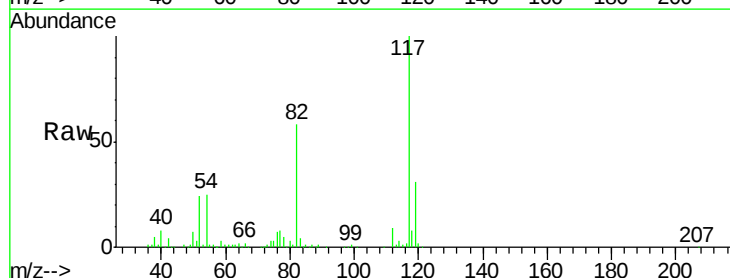
Tgt Ion: 117 Resp: 175778

Ion Ratio Lower Upper

117 100

82 57.7 44.6 67.0

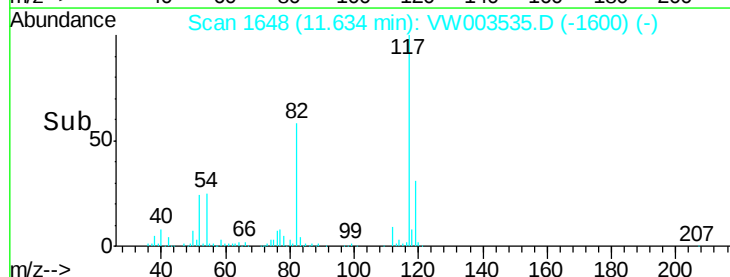
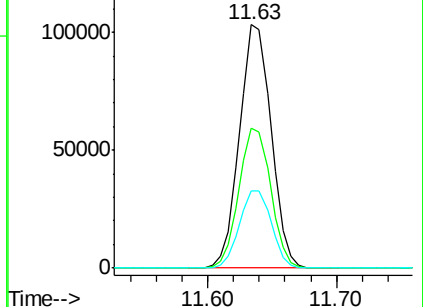
119 31.5 26.7 40.1

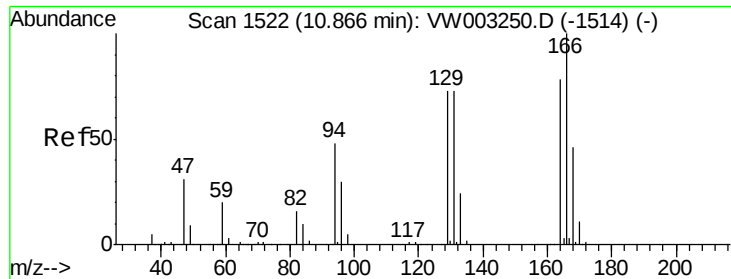


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

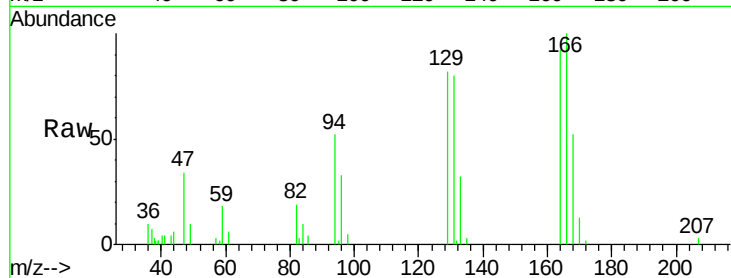




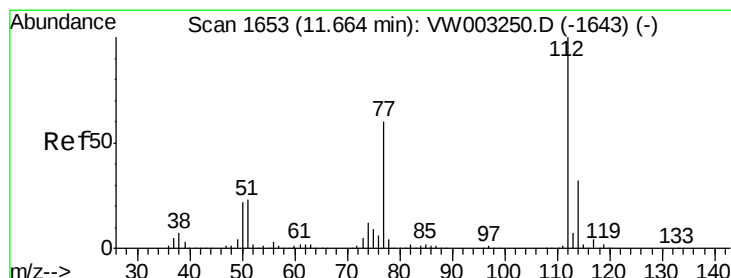
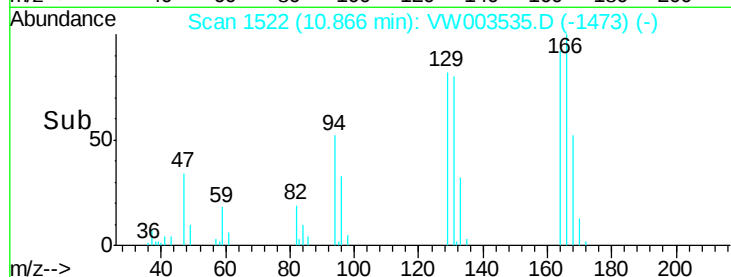
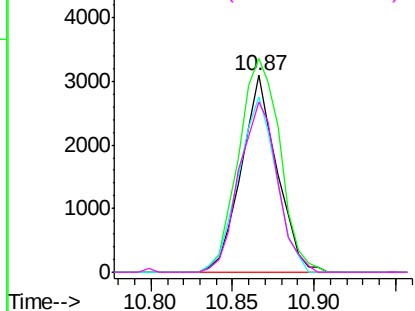
#64
Tetrachloroethene
Concen: 4.025 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003535.D
Acq: 25 Jun 2018 04:00

Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-31-33-180620

Tgt Ion:164 Resp: 4732
Ion Ratio Lower Upper
164 100
166 108.6 102.6 154.0
129 89.4 75.2 112.8
131 86.4 75.0 112.4

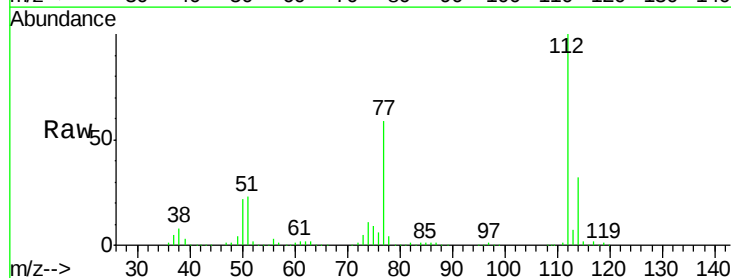


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

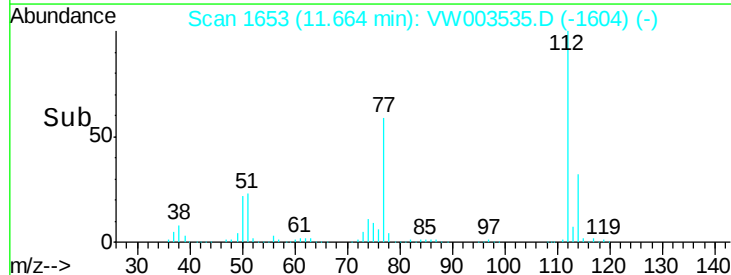
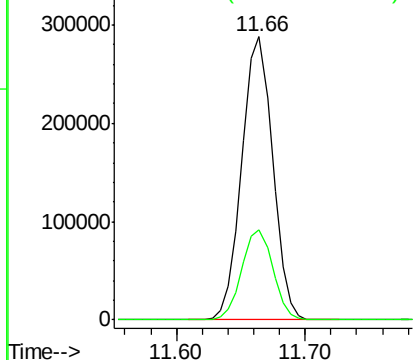


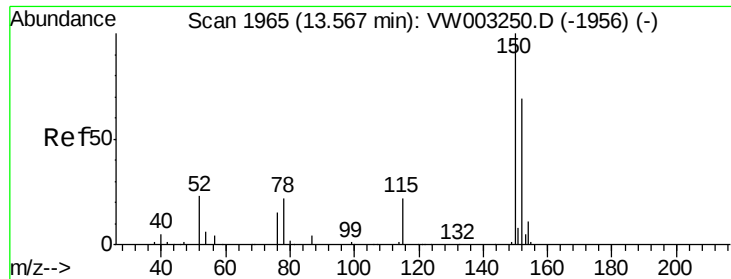
#65
Chlorobenzene
Concen: 130.663 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003535.D
Acq: 25 Jun 2018 04:00

Tgt Ion:112 Resp: 478283
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



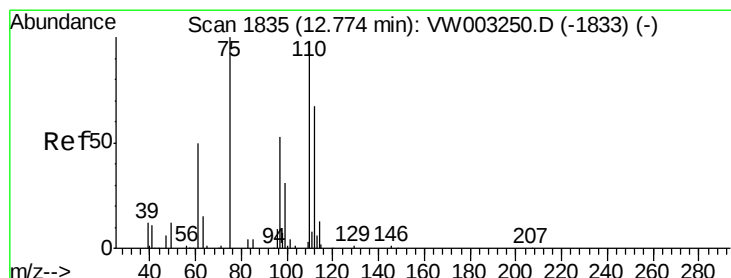
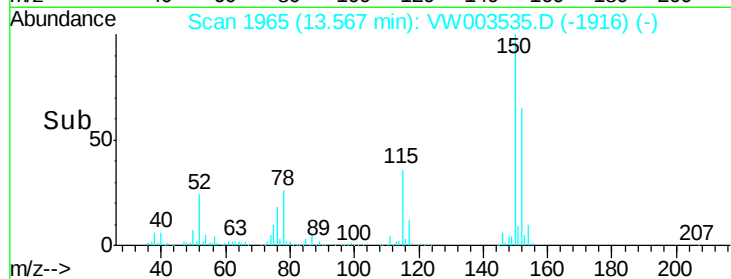
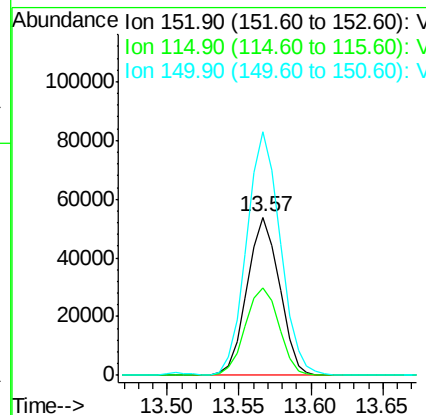
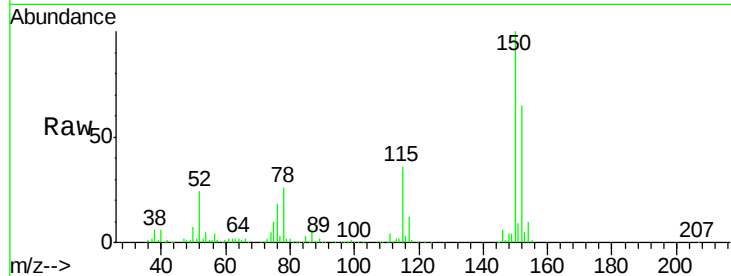


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003535.D
Acq: 25 Jun 2018 04:00

Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-31-33-180620

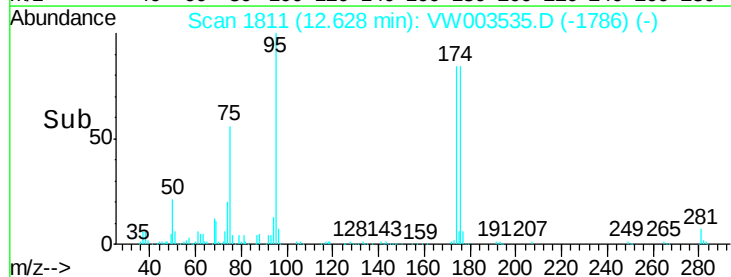
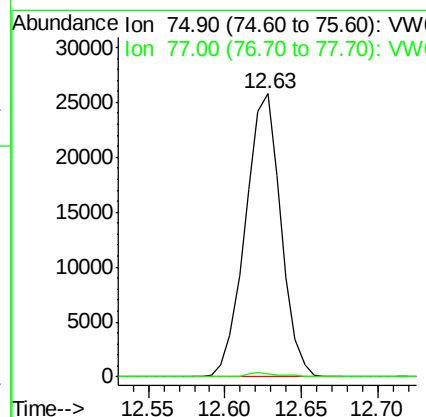
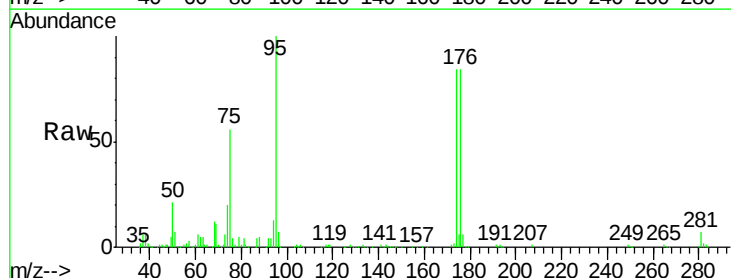
Tgt Ion:152 Resp: 84020
Ion Ratio Lower Upper
152 100
115 57.6 29.3 88.0
150 160.0 0.0 349.6

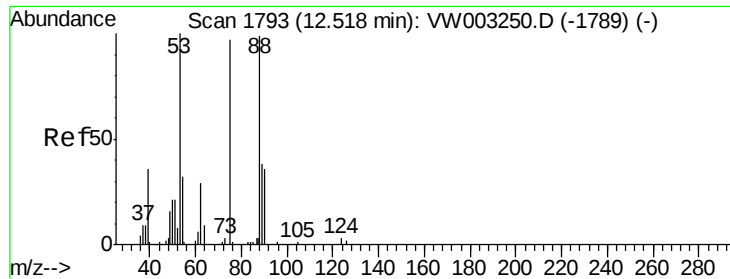


#76

1,2,3-Trichloropropane
Concen: 57.738 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.15 min
Lab File: VW003535.D
Acq: 25 Jun 2018 04:00

Tgt Ion: 75 Resp: 41472
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

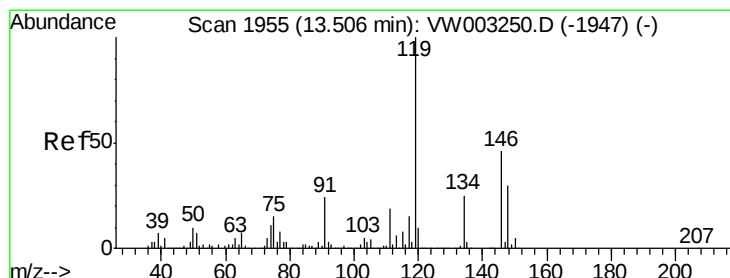
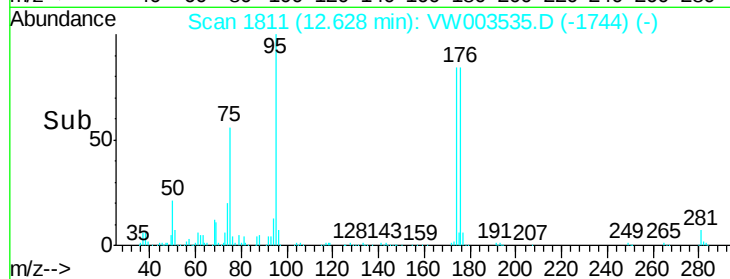
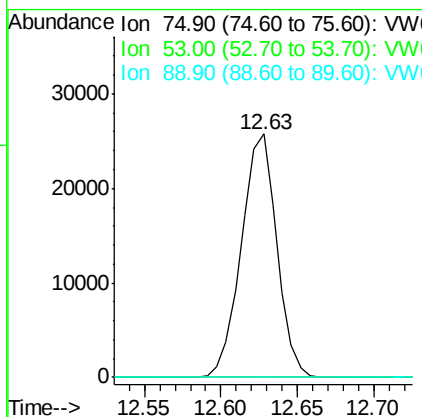
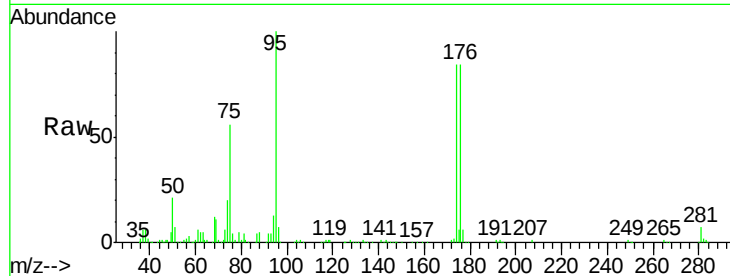




#81
trans-1,4-Dichloro-2-butene
Concen: 132.859 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.11 min
Lab File: VW003535.D
Acq: 25 Jun 2018 04:00

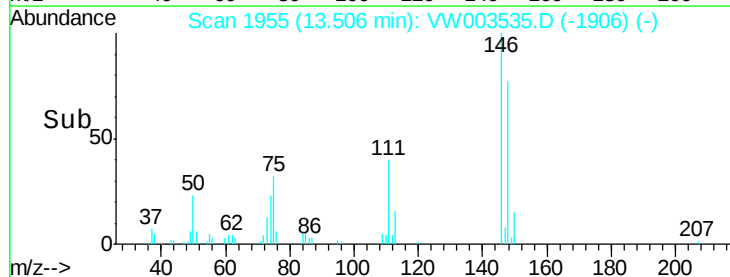
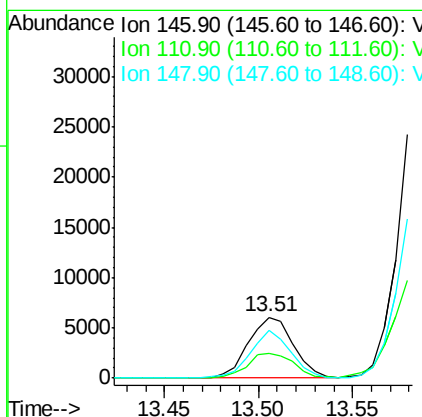
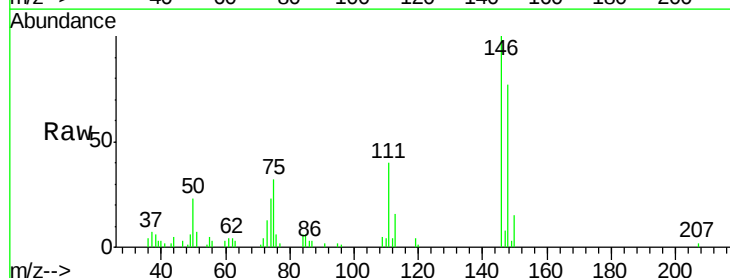
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-31-33-180620

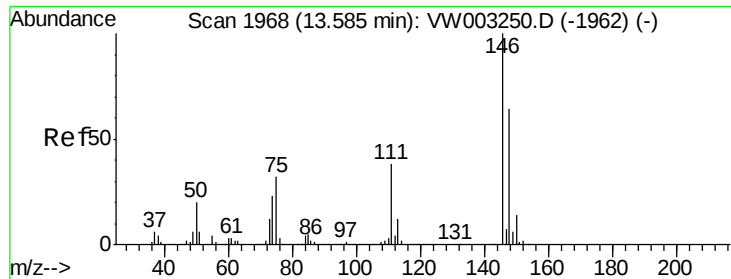
Tgt Ion: 75 Resp: 41472
Ion Ratio Lower Upper
75 100
53 0.2 82.9 124.3#
89 0.0 36.7 55.1#



#87
1,3-Dichlorobenzene
Concen: 3.572 ug/l
RT: 13.51 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW003535.D
Acq: 25 Jun 2018 04:00

Tgt Ion: 146 Resp: 9987
Ion Ratio Lower Upper
146 100
111 41.5 19.8 59.4
148 69.8 32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 17.698 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VW003535.D

Acq: 25 Jun 2018 04:00

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-31-33-180620

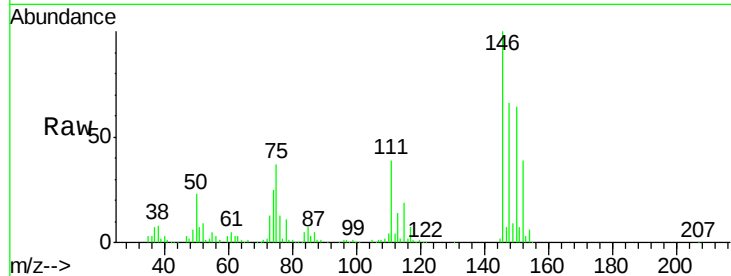
Tgt Ion:146 Resp: 49193

Ion Ratio Lower Upper

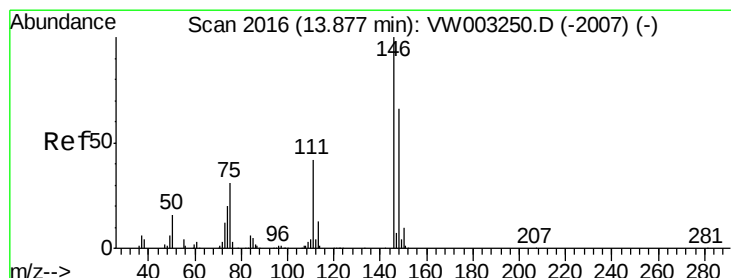
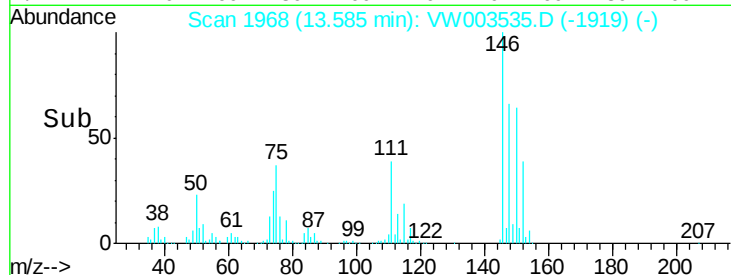
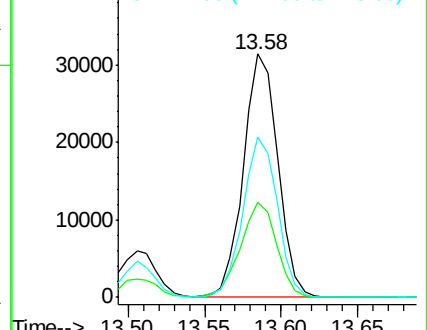
146 100

111 40.9 19.2 57.6

148 65.9 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: 72.407 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003535.D

Acq: 25 Jun 2018 04:00

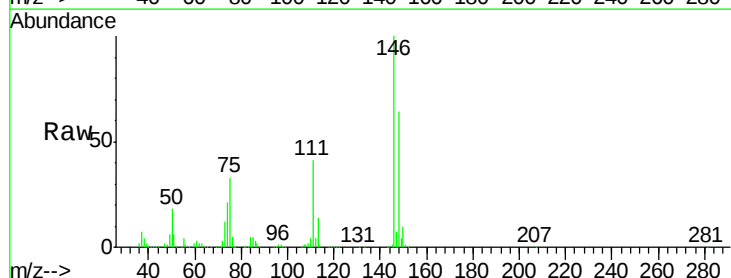
Tgt Ion:146 Resp: 177333

Ion Ratio Lower Upper

146 100

111 40.8 20.3 61.0

148 64.0 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

