

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062418\
 Data File : VW003534.D
 Acq On : 25 Jun 2018 03:34
 Operator : SY/AP
 Sample : J3669-29
 Misc : 6.09G/5ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-29-31-180620

Quant Time: Jun 25 05:45:30 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	146417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	245134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	219229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	107649	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	93588	59.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.02%	
35) Dibromofluoromethane	7.88	113	81276	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
50) Toluene-d8	10.33	98	281397	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
62) 4-Bromofluorobenzene	12.62	95	104729	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.36	50	7726	6.908	ug/l #	49
4) Vinyl Chloride	2.36	62	1186571	727.773	ug/l	98
6) Chloroethane	2.93	64	1240	1.093	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.04	101	2379	1.754	ug/l #	61
11) Tert butyl alcohol	5.23	59	1531	18.000	ug/l #	74
12) 1,1-Dichloroethene	4.03	96	344451	259.879	ug/l	97
16) Acetone	4.14	43	26417	79.422	ug/l	97
20) Methylene Chloride	4.90	84	18255	9.982	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	9590	6.648	ug/l #	85
24) 1,1-Dichloroethane	6.21	63	17858	6.510	ug/l	98
25) 2-Butanone	7.17	43	2803	6.777	ug/l #	1
27) cis-1,2-Dichloroethene	7.17	96	16126870	10177.063	ug/l	91
28) Bromochloromethane	7.68	49	1260	1.104	ug/l #	15
29) Tetrahydrofuran	7.55	42	1354	5.356	ug/l #	78
30) Chloroform	7.68	83	11920	4.265	ug/l	89
31) Cyclohexane	7.95	56	4604	1.797	ug/l #	52
36) 1,1-Dichloropropene	7.95	75	12324	5.206	ug/l #	50
38) Carbon Tetrachloride	7.95	117	14630	6.300	ug/l #	16
39) Methylcyclohexane	9.10	83	278087	101.521	ug/l #	1
40) Benzene	8.33	78	126222	19.343	ug/l	97
41) Methacrylonitrile	7.54	41	923	1.534	ug/l #	53
42) 1,2-Dichloroethane	8.40	62	10243	5.010	ug/l	98
44) Trichloroethene	9.09	130	18033085	10429.151	ug/l	99
45) 1,2-Dichloropropane	9.10	63	53502	32.201	ug/l #	1
49) 1,4-Dioxane	9.49	88	1468	114.297	ug/l #	1
52) Toluene	10.39	92	23564	5.631	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	9960	8.309	ug/l	90
59) 2-Hexanone	10.84	43	5619	8.106	ug/l	76
60) Dibromochloromethane	10.87	129	4157	2.916	ug/l #	10
64) Tetrachloroethene	10.87	164	4563	3.112	ug/l	96
65) Chlorobenzene	11.66	112	1011624	221.592	ug/l	99
73) Isopropylbenzene	12.47	105	7523	1.005	ug/l	99
74) N-amyl acetate	12.26	43	1747	1.025	ug/l #	67
76) 1,2,3-Trichloropropane	12.62	75	57801	62.808	ug/l #	100

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

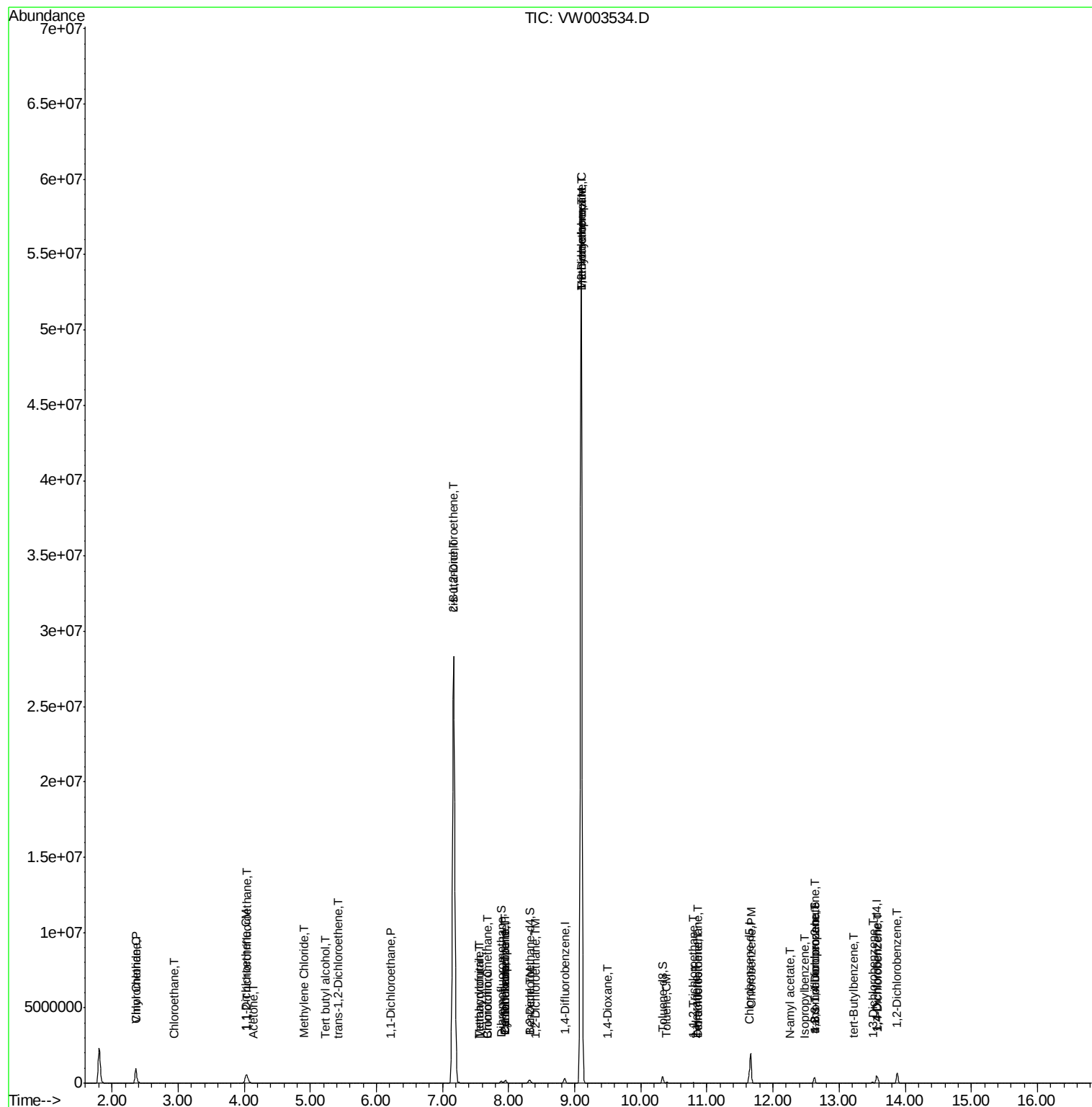
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.62	75	57801	144.526	ug/l #	9
83) tert-Butylbenzene	13.21	119	5652	1.055	ug/l	89
87) 1,3-Dichlorobenzene	13.51	146	24881	6.946	ug/l	97
88) 1,4-Dichlorobenzene	13.59	146	97473	27.371	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	267995	85.407	ug/l	99

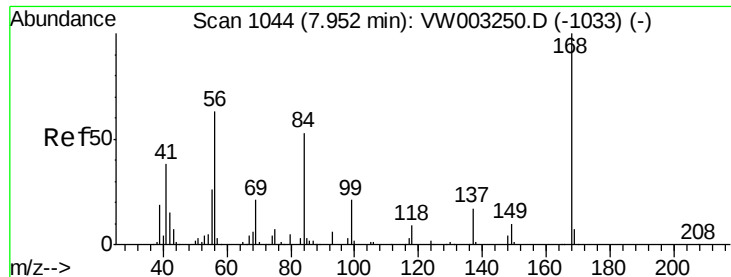
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003534.D

Acq: 25 Jun 2018 03:34

Instrument :

MSVOA_W

ClientSampleId :

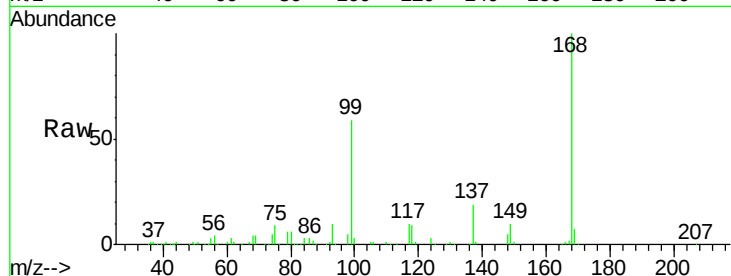
WP021SB474-29-31-180620

Tgt Ion:168 Resp: 146417

Ion Ratio Lower Upper

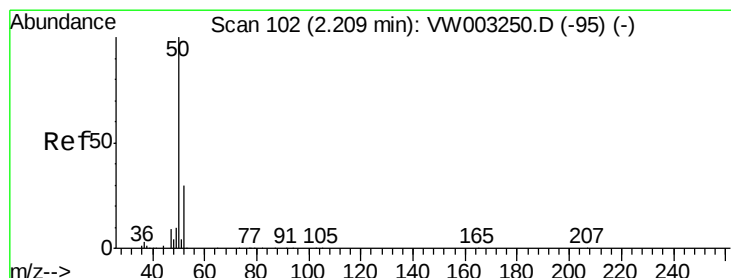
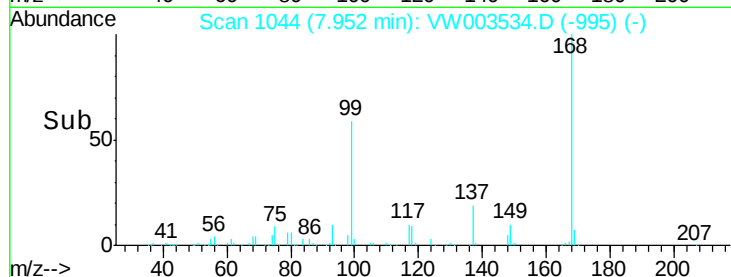
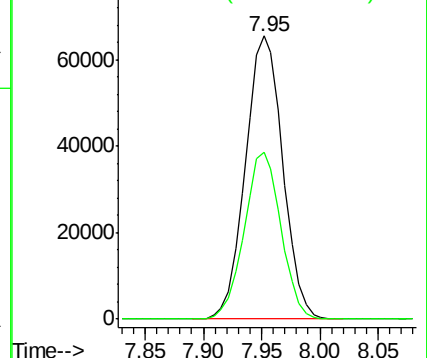
168 100

99 59.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 6.908 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.15 min

Lab File: VW003534.D

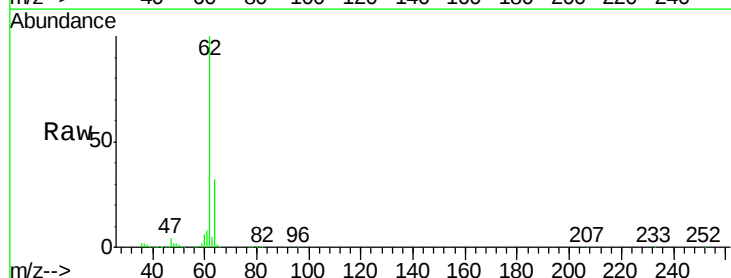
Acq: 25 Jun 2018 03:34

Tgt Ion: 50 Resp: 7726

Ion Ratio Lower Upper

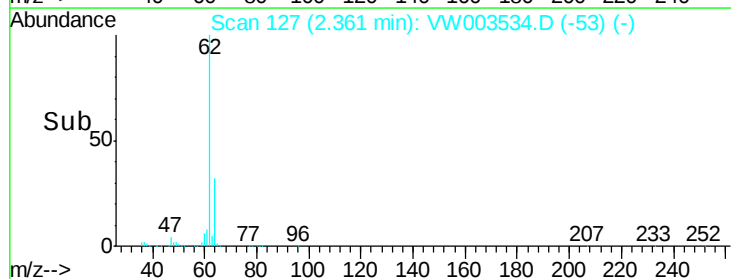
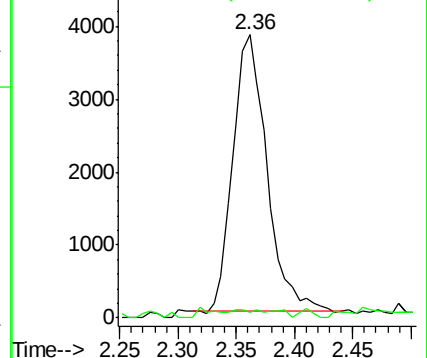
50 100

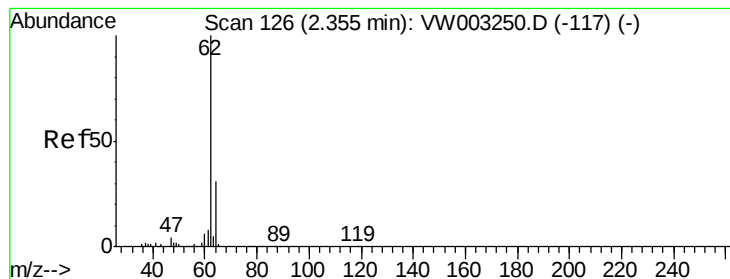
52 2.2 24.2 36.2#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#4

Vinyl Chloride

Concen: 727.773 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003534.D

Acq: 25 Jun 2018 03:34

Instrument :

MSVOA_W

ClientSampleId :

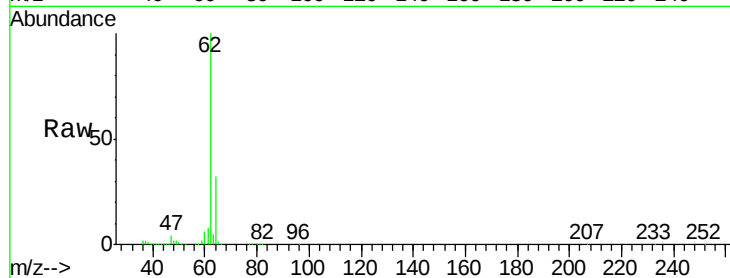
WP021SB474-29-31-180620

Tgt Ion: 62 Resp: 1186571

Ion Ratio Lower Upper

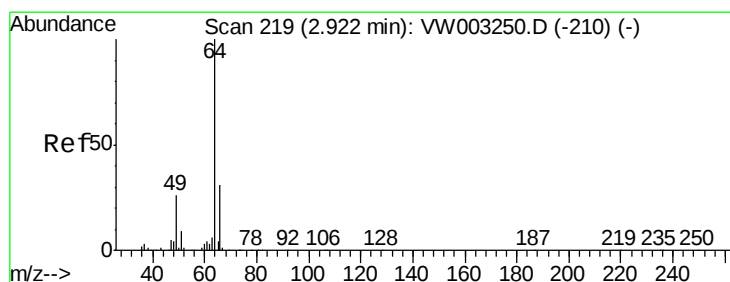
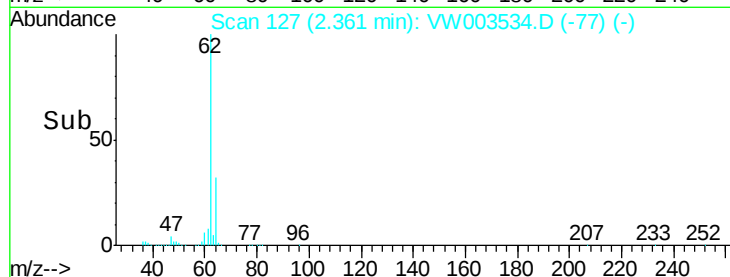
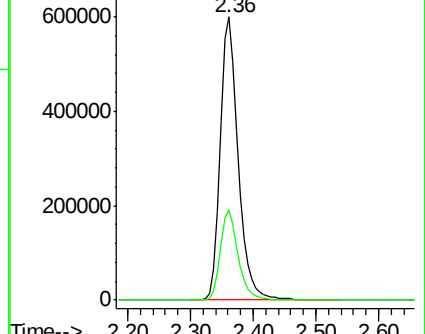
62 100

64 32.1 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: 1.093 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW003534.D

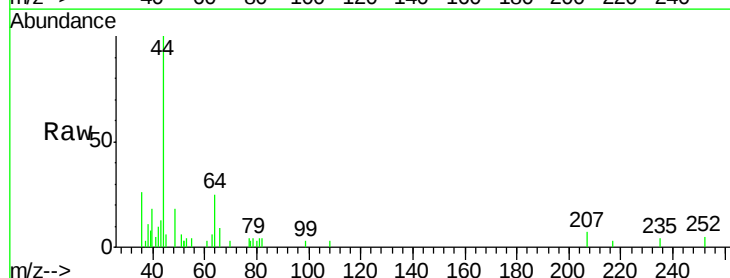
Acq: 25 Jun 2018 03:34

Tgt Ion: 64 Resp: 1240

Ion Ratio Lower Upper

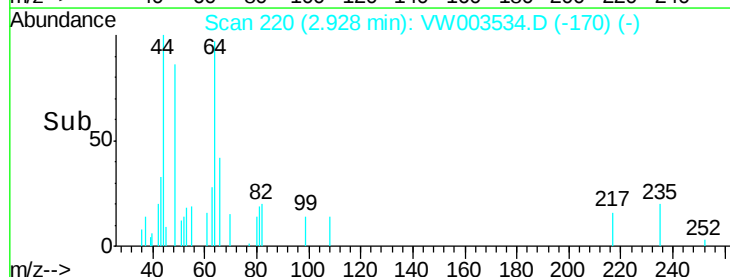
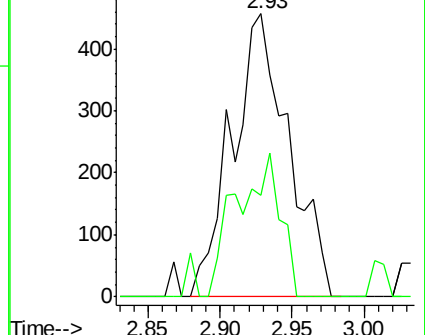
64 100

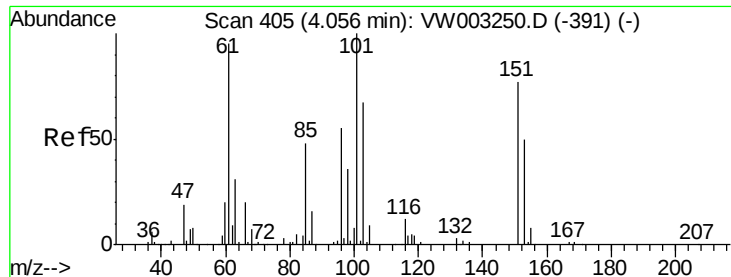
66 35.9 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.754 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW003534.D

Acq: 25 Jun 2018 03:34

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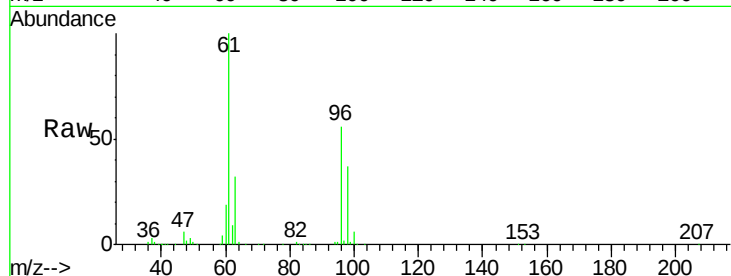
Tgt Ion:101 Resp: 2379

Ion Ratio Lower Upper

101 100

85 40.7 37.0 55.6

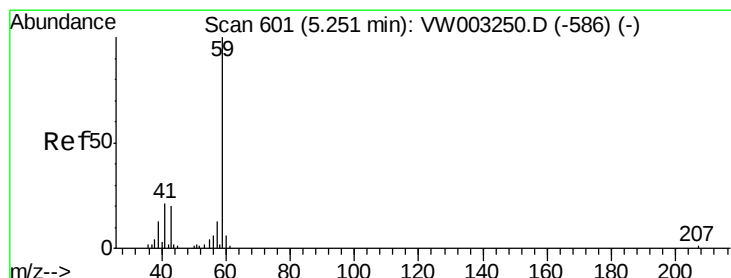
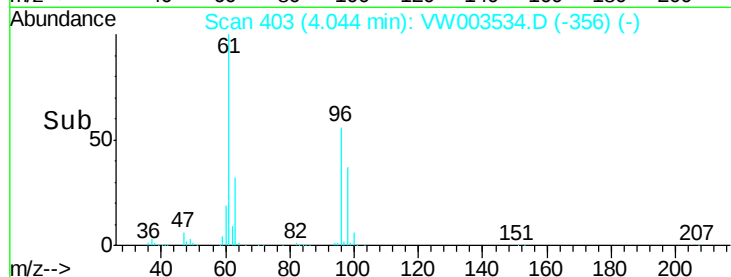
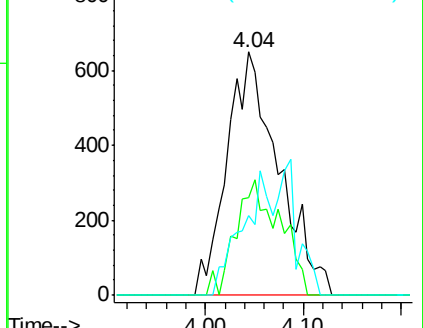
151 28.6 63.3 94.9#



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: 18.000 ug/l

RT: 5.23 min Scan# 597

Delta R.T. -0.02 min

Lab File: VW003534.D

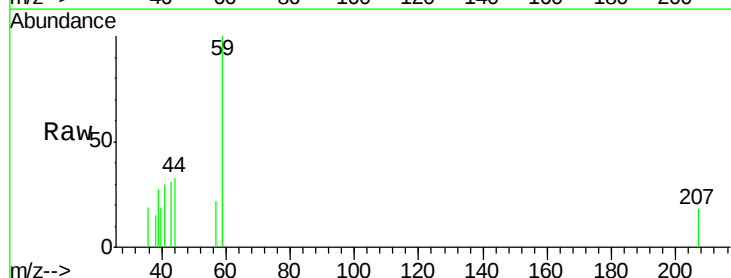
Acq: 25 Jun 2018 03:34

Tgt Ion: 59 Resp: 1531

Ion Ratio Lower Upper

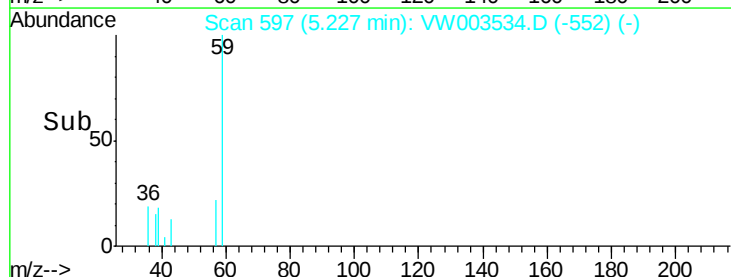
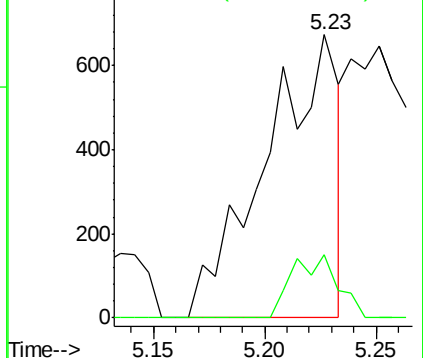
59 100

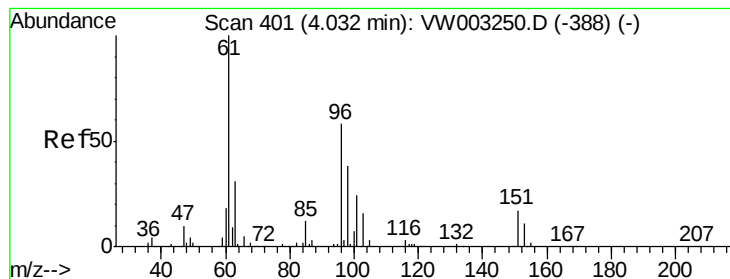
57 13.8 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#12

1,1-Dichloroethene

Concen: 259.879 ug/l

RT: 4.03 min Scan# 401

Delta R.T. 0.00 min

Lab File: VW003534.D

Acq: 25 Jun 2018 03:34

Instrument :

MSVOA_W

ClientSampleId :

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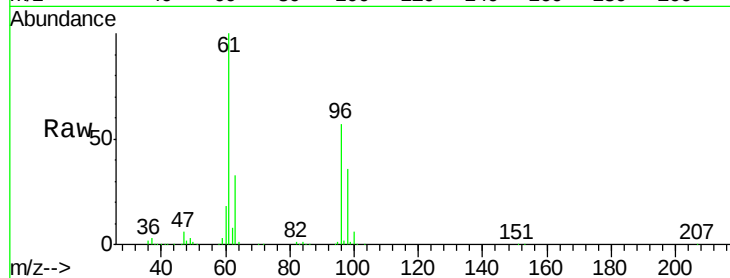
Tgt Ion: 96 Resp: 344451

Ion Ratio Lower Upper

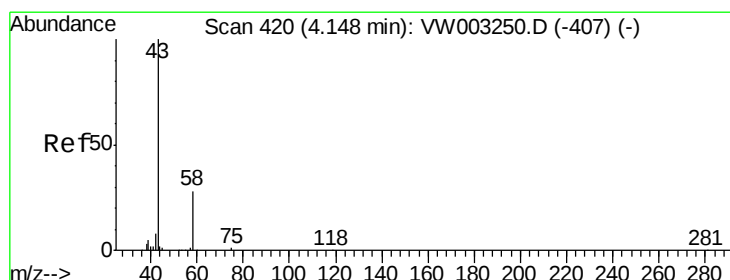
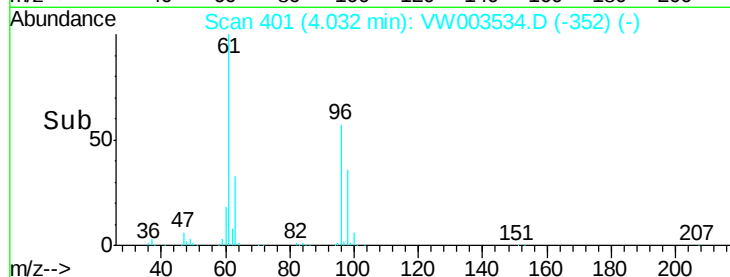
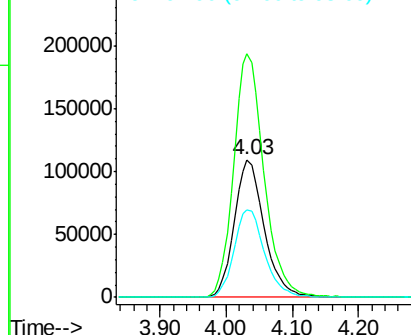
96 100

61 176.9 139.0 208.4

98 63.2 53.3 79.9



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#16

Acetone

Concen: 79.422 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003534.D

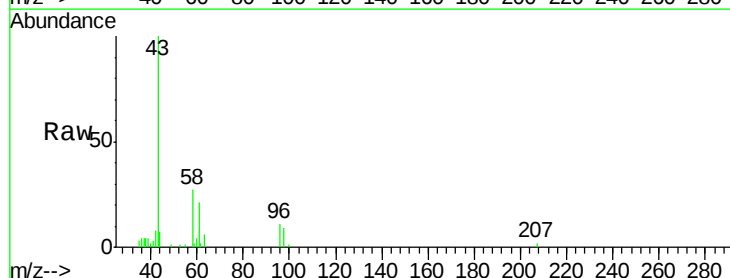
Acq: 25 Jun 2018 03:34

Tgt Ion: 43 Resp: 26417

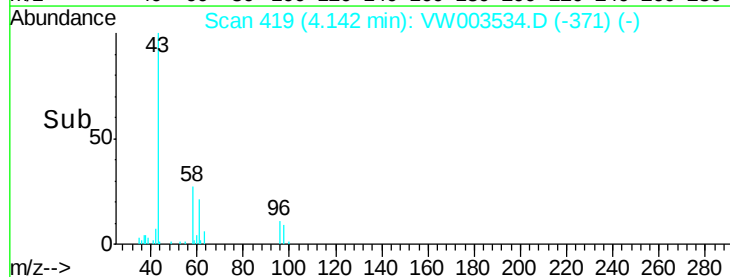
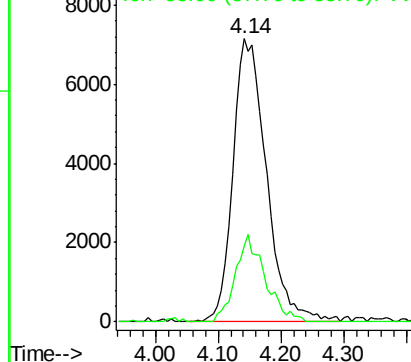
Ion Ratio Lower Upper

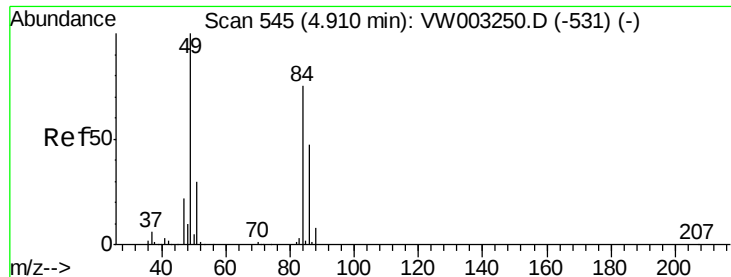
43 100

58 26.9 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

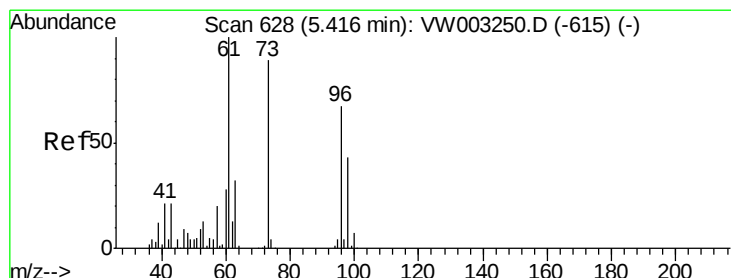
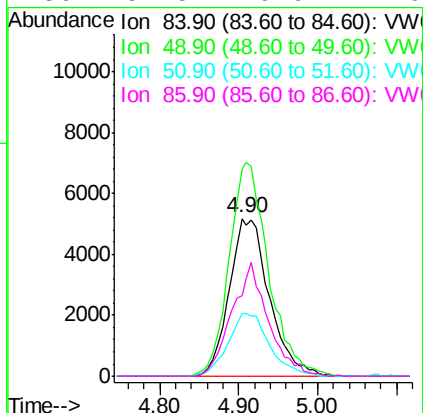
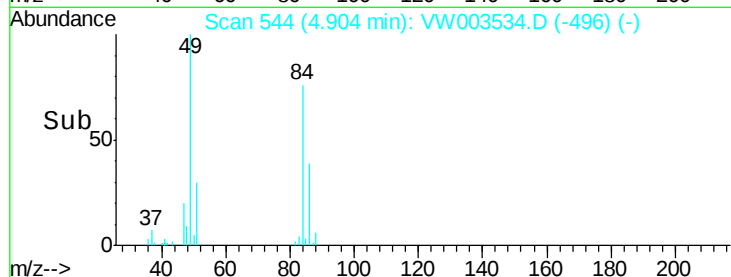
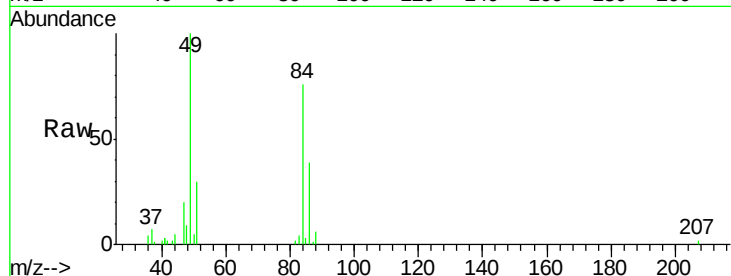




#20
Methylene Chloride
Concen: 9.982 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

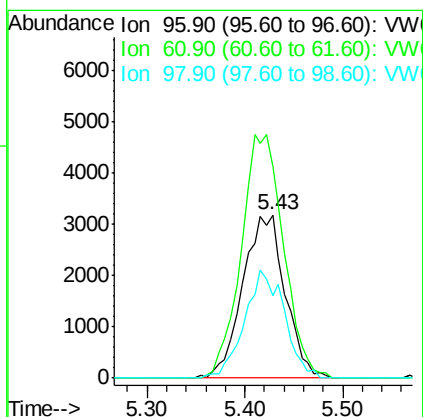
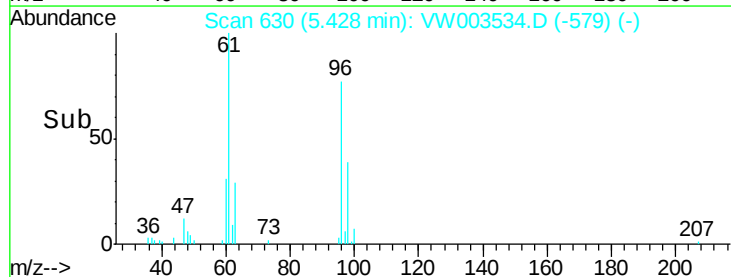
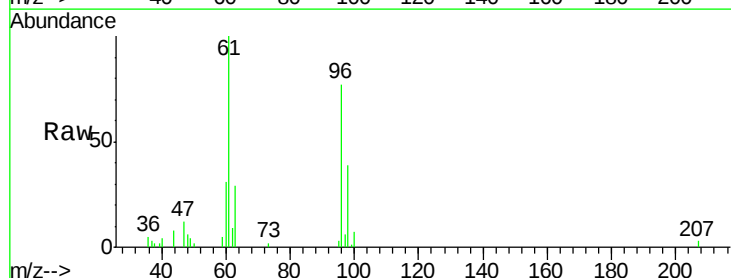
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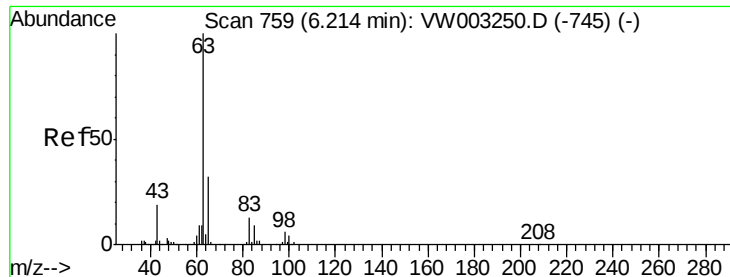
Tgt Ion: 84 Resp: 18255
Ion Ratio Lower Upper
84 100
49 131.7 106.3 159.5
51 39.7 32.0 48.0
86 51.5 49.9 74.9



#21
trans-1,2-Dichloroethene
Concen: 6.648 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

Tgt Ion: 96 Resp: 9590
Ion Ratio Lower Upper
96 100
61 130.2 118.7 178.1
98 50.8 51.0 76.6#





#24

1,1-Dichloroethane

Concen: 6.510 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003534.D

Acq: 25 Jun 2018 03:34

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-29-31-180620

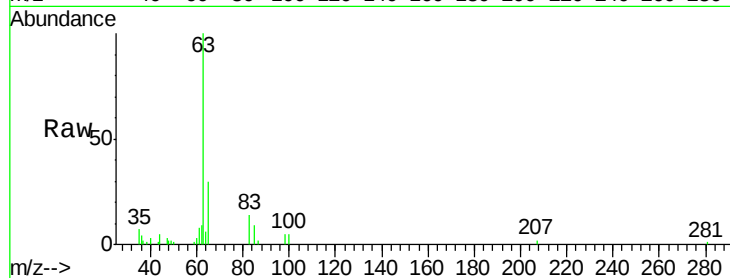
Tgt Ion: 63 Resp: 17858

Ion Ratio Lower Upper

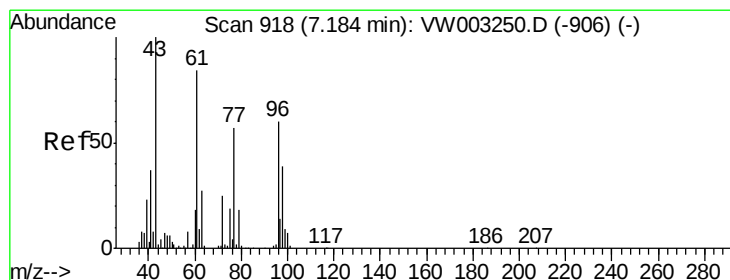
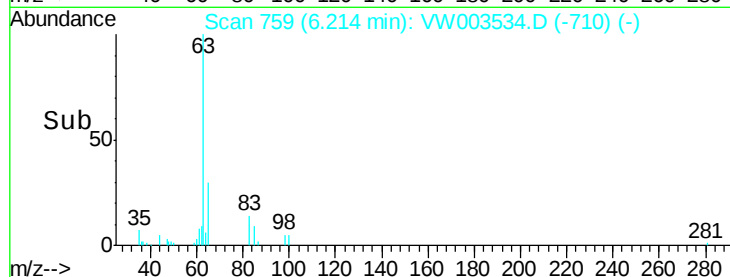
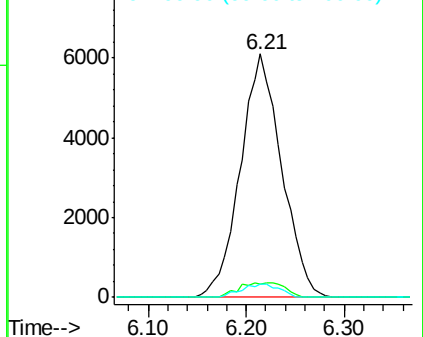
63 100

98 5.2 2.8 8.3

100 5.4 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW



#25

2-Butanone

Concen: 6.777 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW003534.D

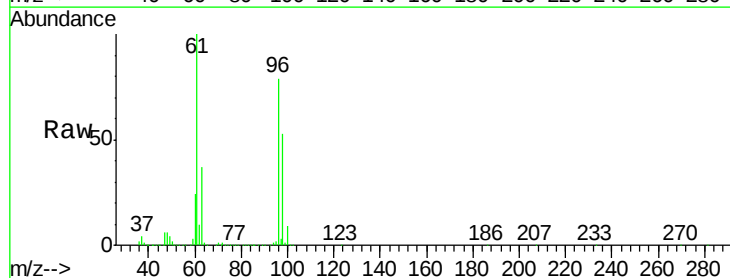
Acq: 25 Jun 2018 03:34

Tgt Ion: 43 Resp: 2803

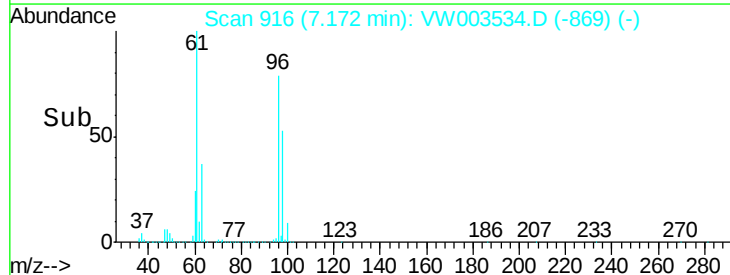
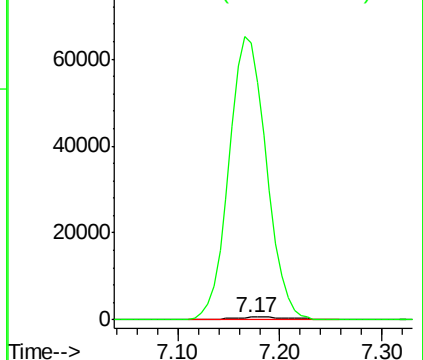
Ion Ratio Lower Upper

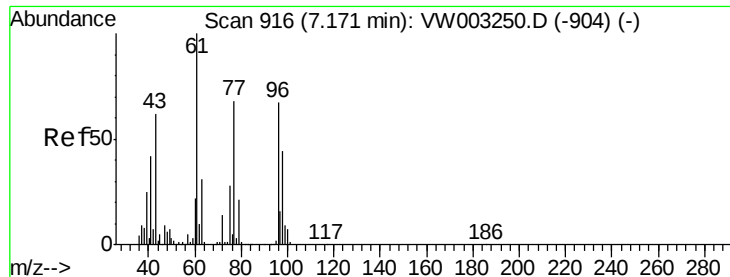
43 100

72 9761.1 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



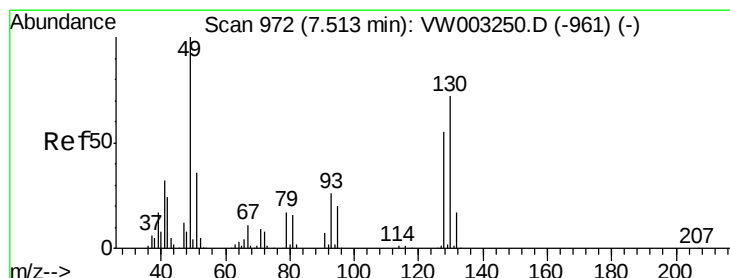
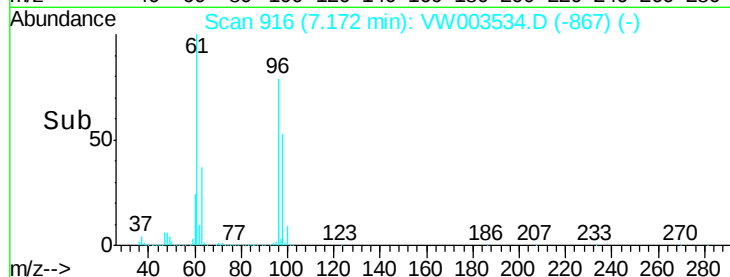
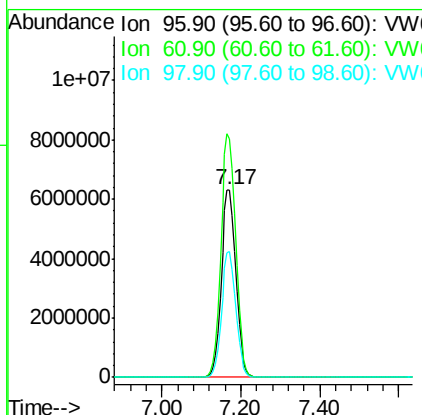
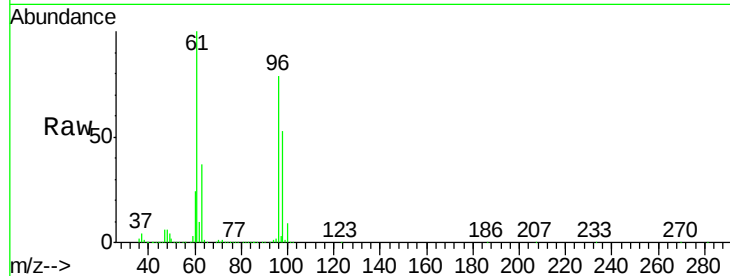


#27

cis-1,2-Dichloroethene
Concen: 10177.063 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-29-31-180620

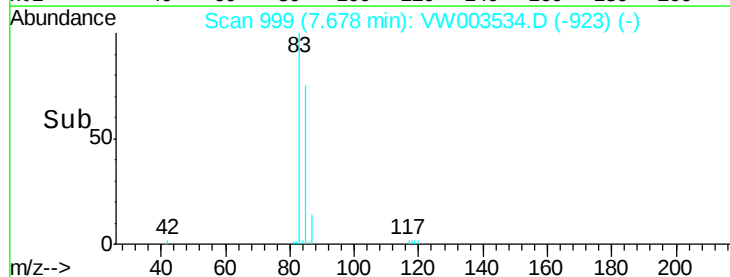
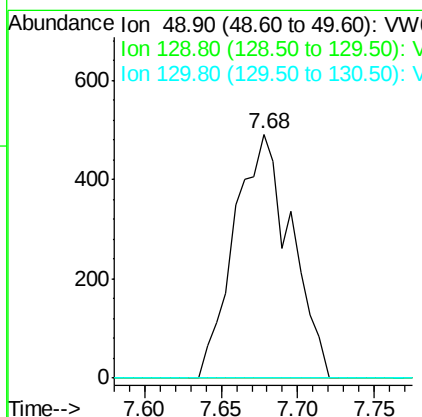
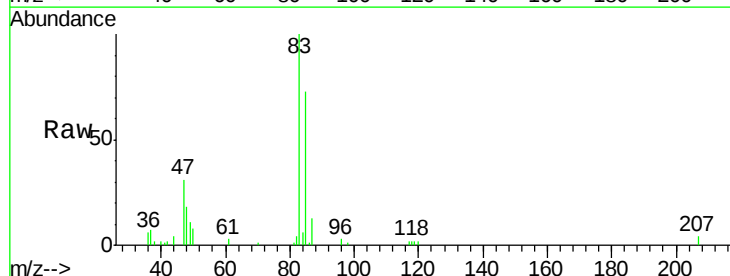
Tgt Ion: 96 Resp:16126870
Ion Ratio Lower Upper
96 100
61 132.9 0.0 298.8
98 65.8 0.0 130.4

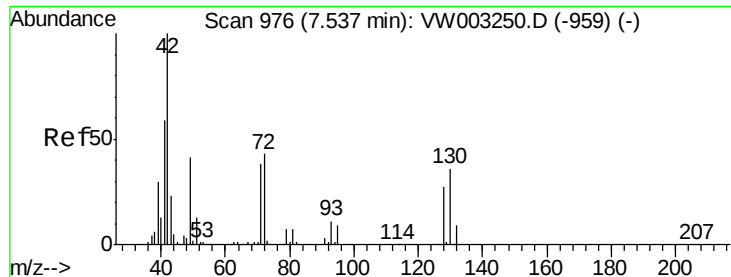


#28

Bromochloromethane
Concen: 1.104 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.16 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

Tgt Ion: 49 Resp: 1260
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 59.4 89.2#

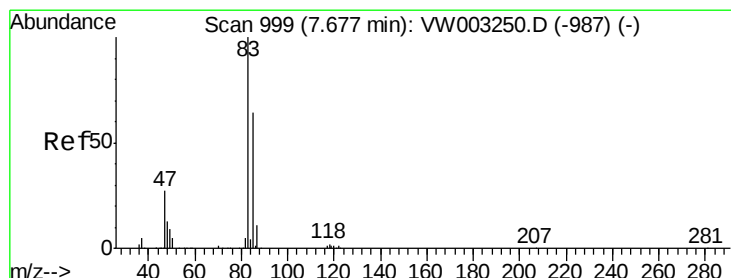
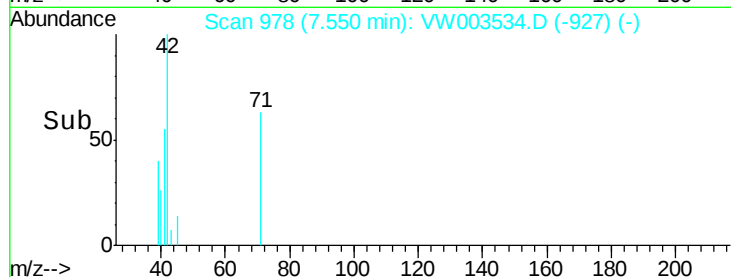
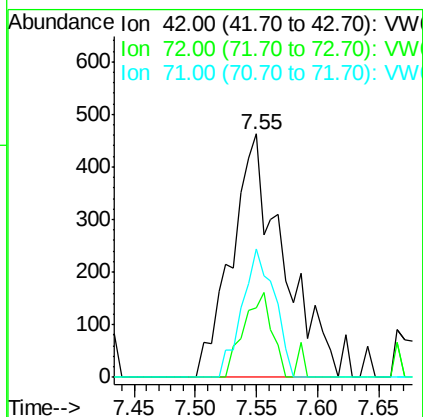
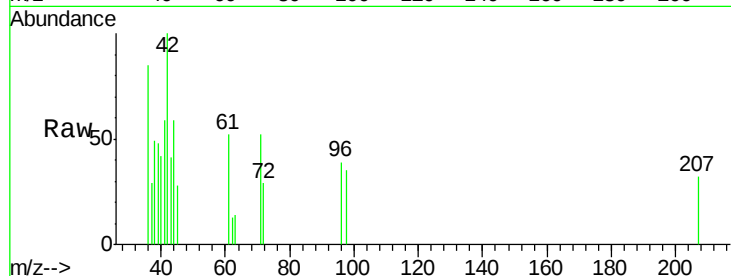




#29
Tetrahydrofuran
Concen: 5.356 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.01 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

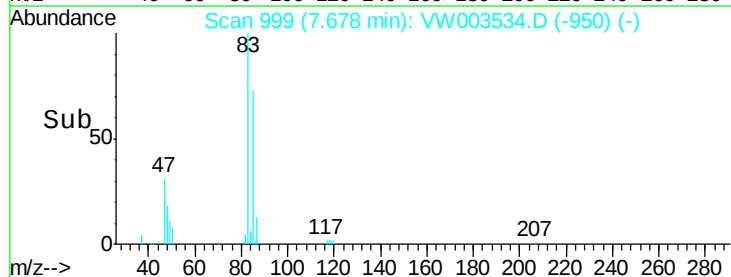
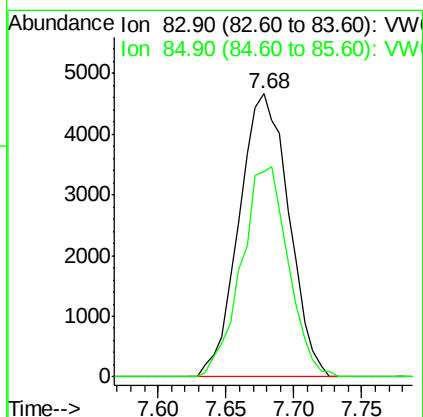
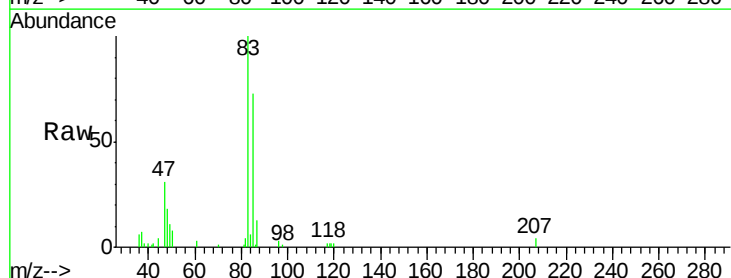
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-29-31-180620

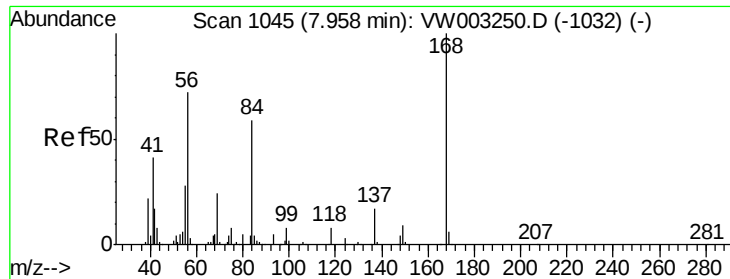
Tgt Ion: 42 Resp: 1354
Ion Ratio Lower Upper
42 100
72 19.1 32.4 48.6#
71 33.2 31.2 46.8



#30
Chloroform
Concen: 4.265 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

Tgt Ion: 83 Resp: 11920
Ion Ratio Lower Upper
83 100
85 72.7 51.3 76.9

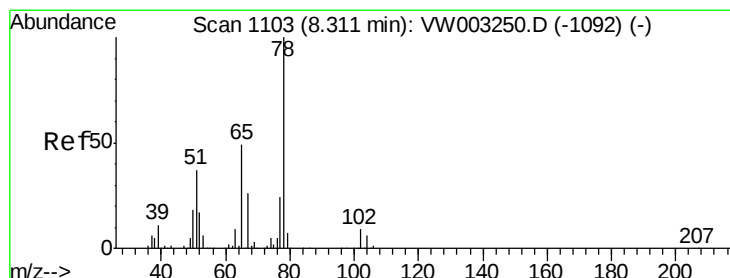
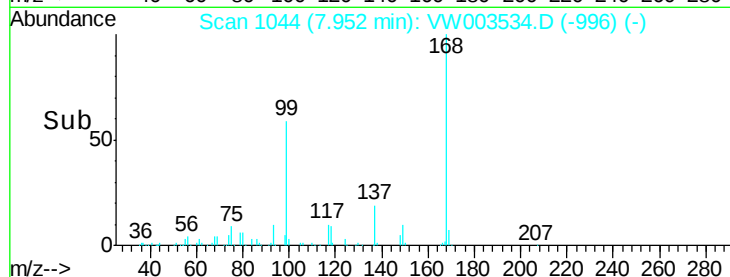
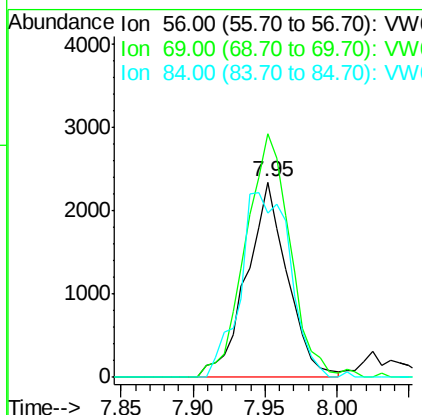
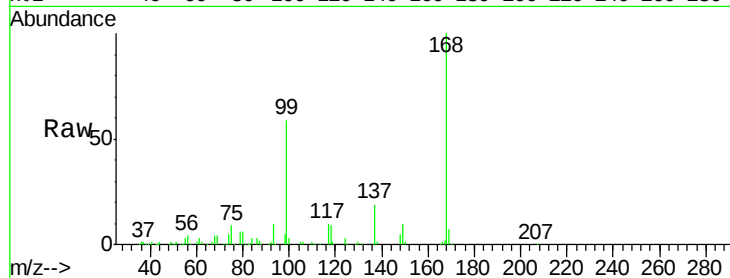




#31
Cyclohexane
Concen: 1.797 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

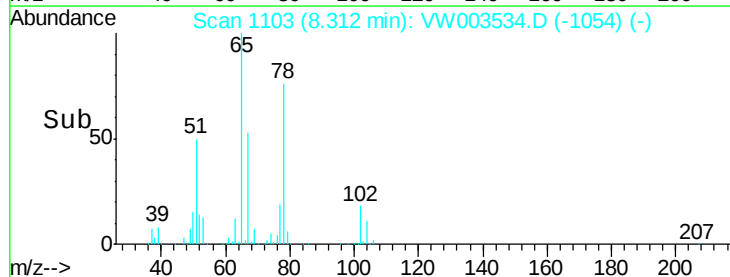
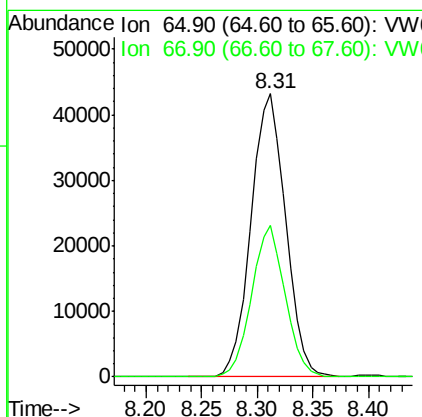
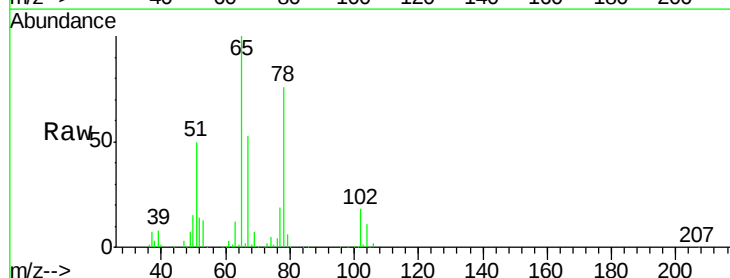
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-29-31-180620

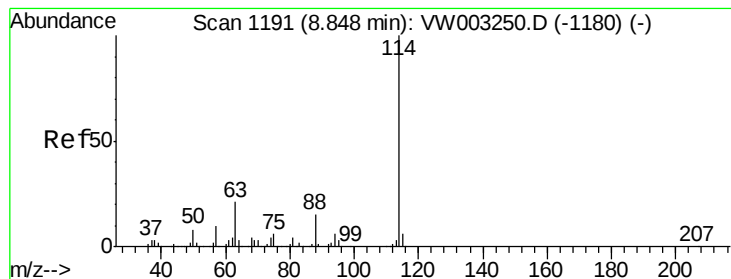
Tgt Ion: 56 Resp: 4604
Ion Ratio Lower Upper
56 100
69 124.9 26.3 39.5#
84 84.1 65.7 98.5



#33
1,2-Dichloroethane-d4
Concen: 59.012 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

Tgt Ion: 65 Resp: 93588
Ion Ratio Lower Upper
65 100
67 51.6 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: VW003534.D

Acq: 25 Jun 2018 03:34

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-29-31-180620

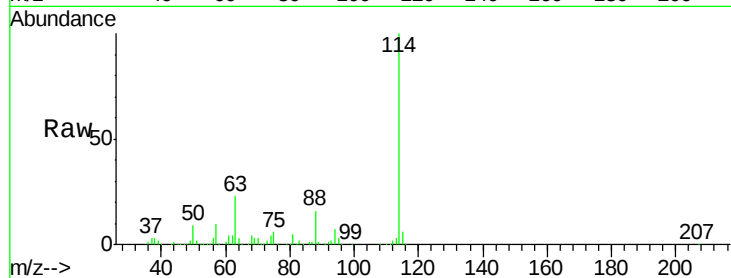
Tgt Ion:114 Resp: 245134

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.0

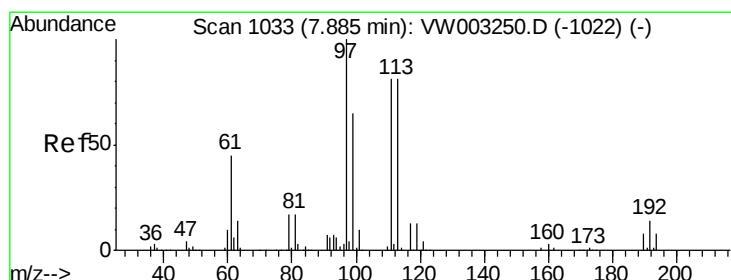
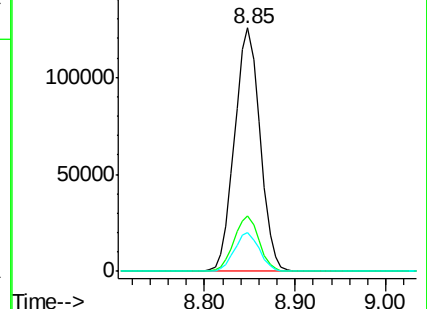
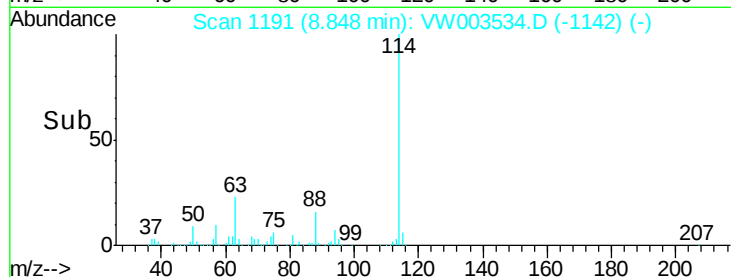
88 16.0 0.0 29.6



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: 53.359 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003534.D

Acq: 25 Jun 2018 03:34

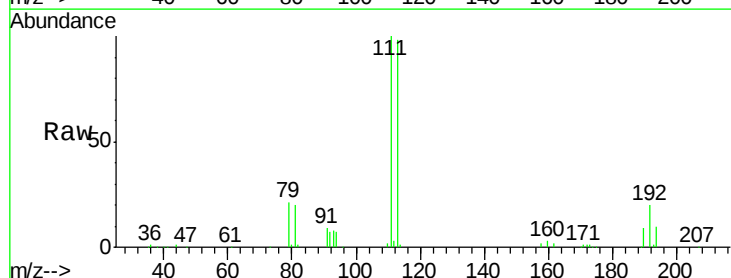
Tgt Ion:113 Resp: 81276

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

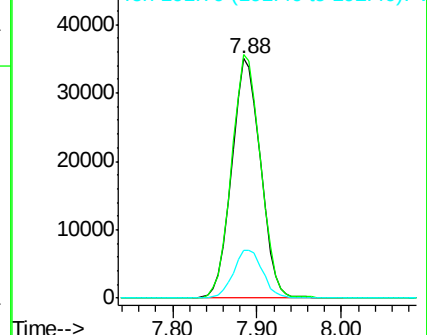
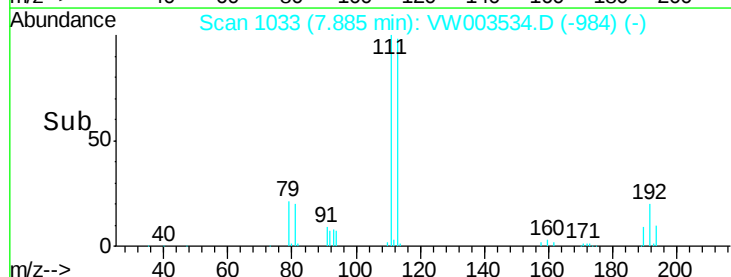
192 20.1 16.2 24.2

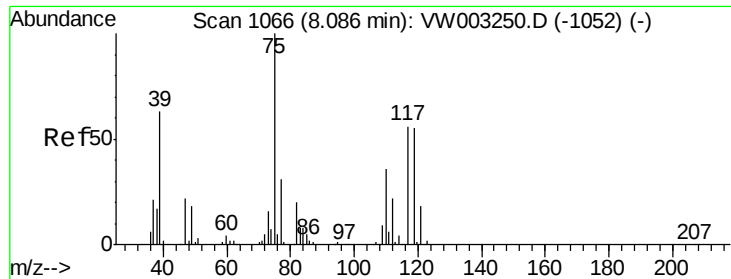


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

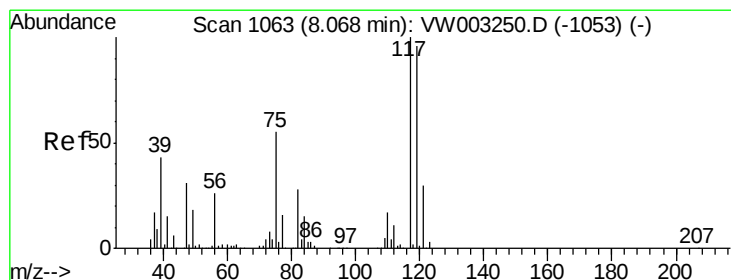
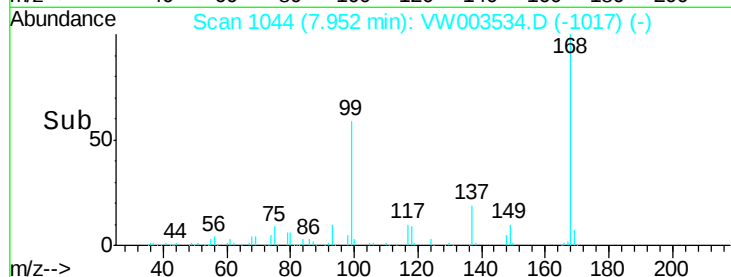
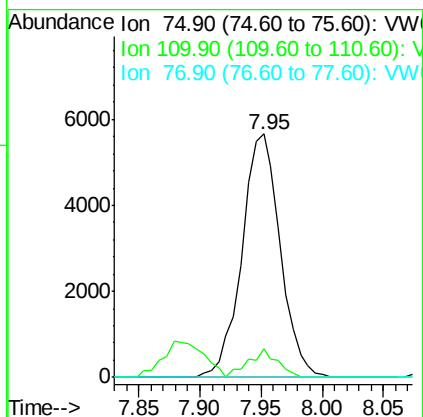
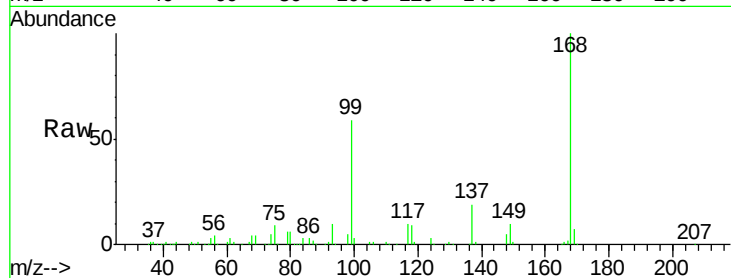




#36
 1,1-Dichloropropene
 Concen: 5.206 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003534.D
 Acq: 25 Jun 2018 03:34

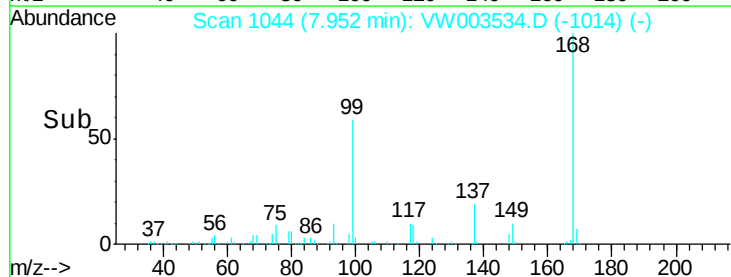
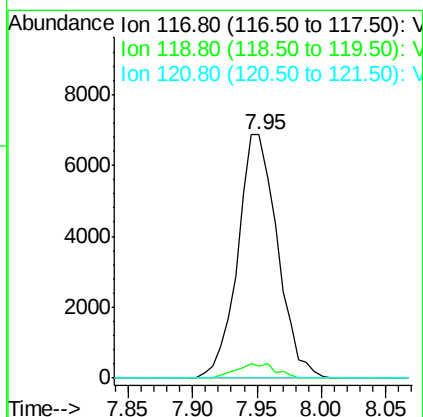
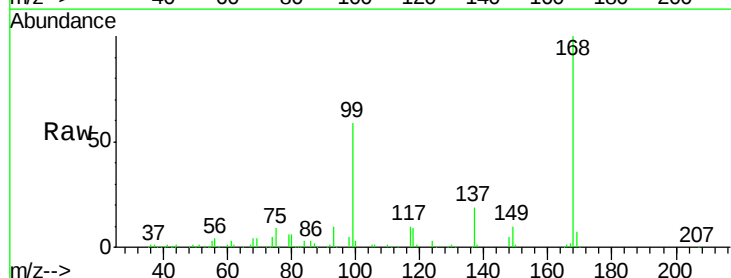
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-29-31-180620

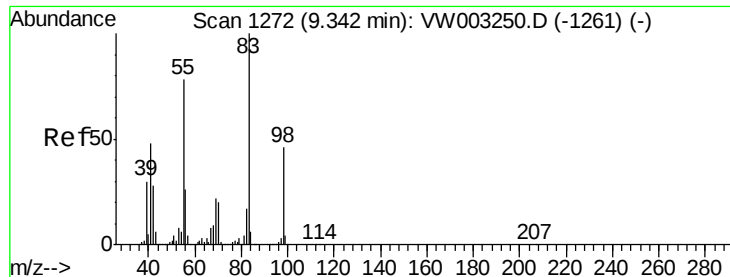
Tgt Ion: 75 Resp: 12324
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.300 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003534.D
 Acq: 25 Jun 2018 03:34

Tgt Ion: 117 Resp: 14630
 Ion Ratio Lower Upper
 117 100
 119 4.9 76.6 115.0#
 121 0.0 23.9 35.9#

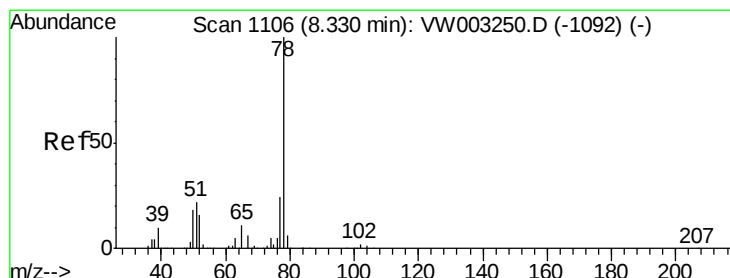
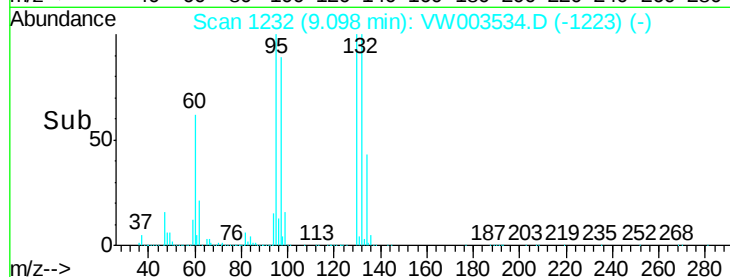
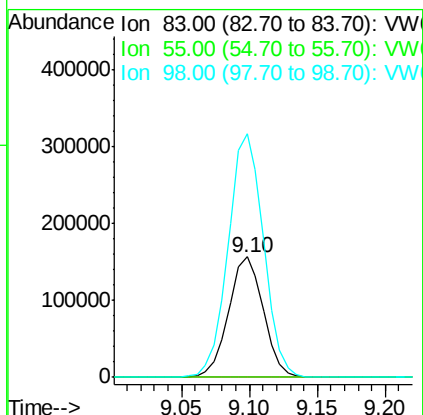
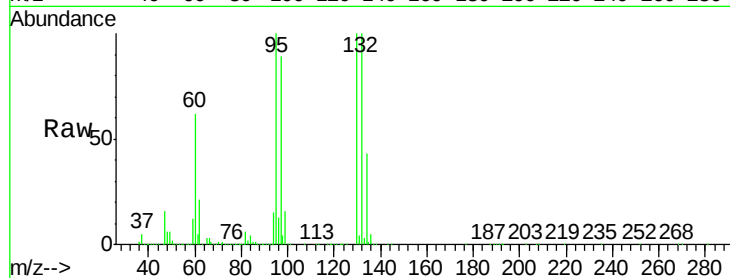




#39
Methylcyclohexane
Concen: 101.521 ug/l
RT: 9.10 min Scan# 1232
Delta R.T. -0.24 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

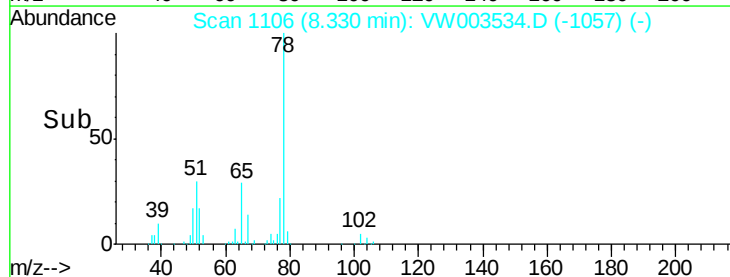
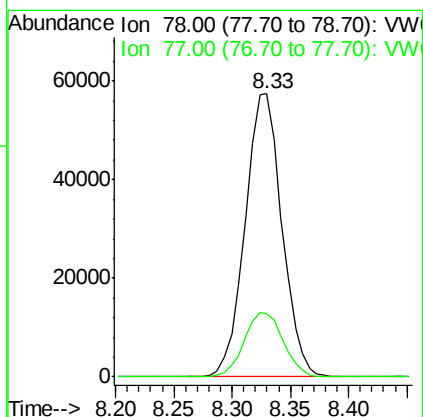
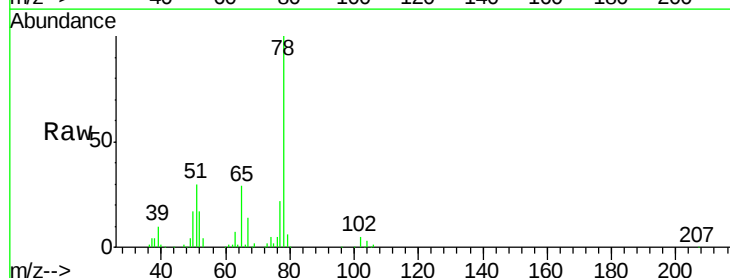
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-29-31-180620

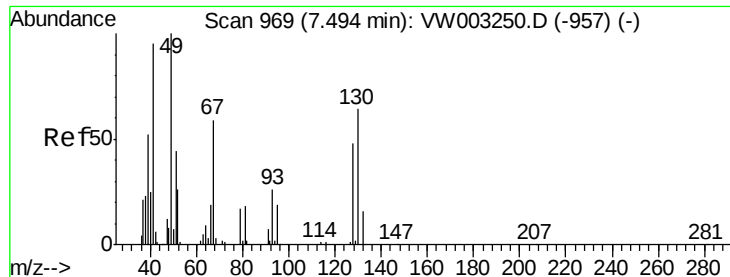
Tgt Ion: 83 Resp: 278087
Ion Ratio Lower Upper
83 100
55 0.1 62.6 93.8#
98 201.9 37.0 55.4#



#40
Benzene
Concen: 19.343 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

Tgt Ion: 78 Resp: 126222
Ion Ratio Lower Upper
78 100
77 22.3 19.0 28.6

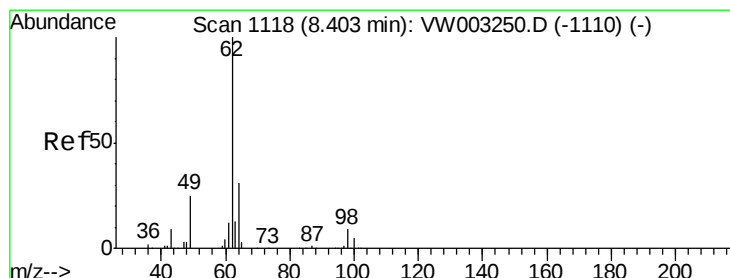
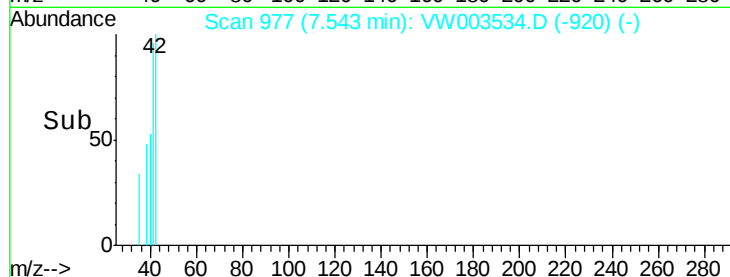
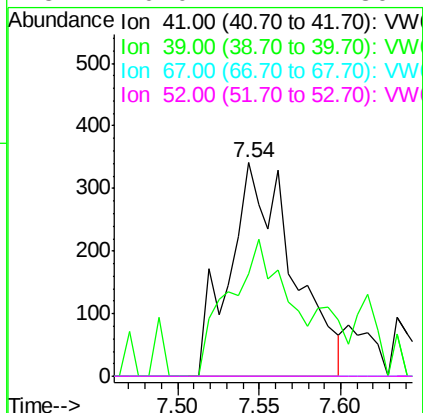
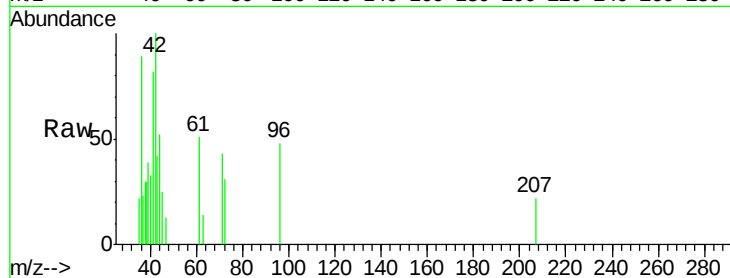




#41
Methacrylonitrile
Concen: 1.534 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.05 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

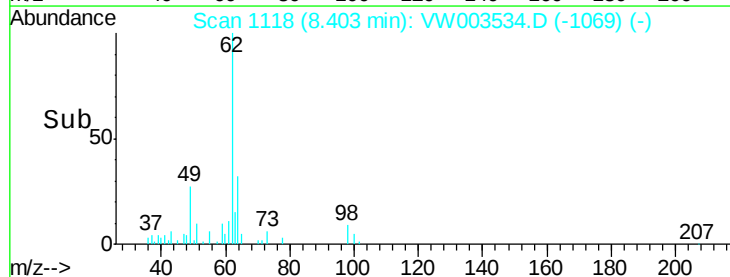
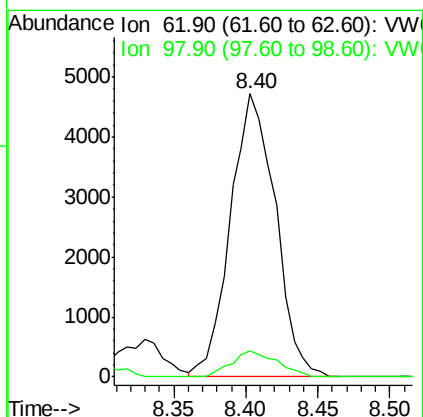
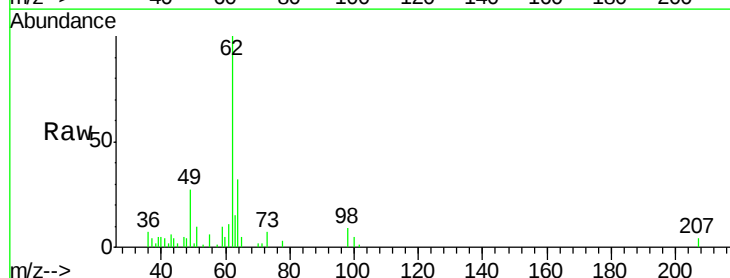
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-29-31-180620

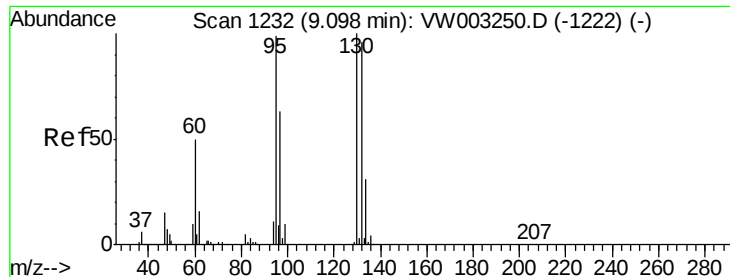
Tgt Ion:	41	Resp:	923
Ion	Ratio	Lower	Upper
41	100		
39	59.2	45.8	68.8
67	0.0	52.3	78.5#
52	0.0	24.1	36.1#



#42
1,2-Dichloroethane
Concen: 5.010 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

Tgt Ion:	62	Resp:	10243
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.2





#44

Trichloroethene

Concen: 10429.151 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003534.D

Acq: 25 Jun 2018 03:34

Instrument :

MSVOA_W

ClientSampleId :

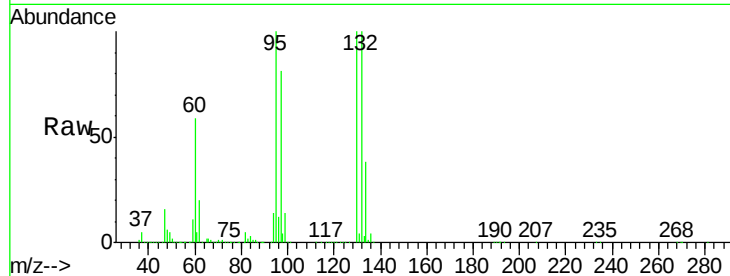
WP021SB474-29-31-180620

Tgt Ion:130 Resp:18033085

Ion Ratio Lower Upper

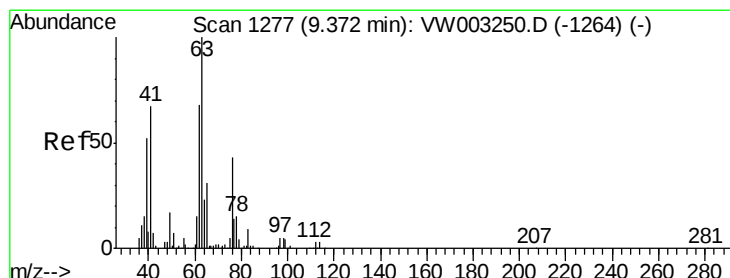
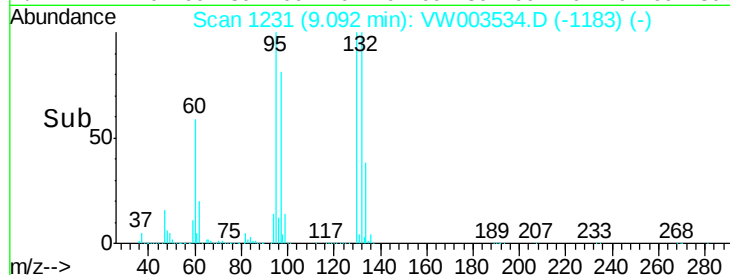
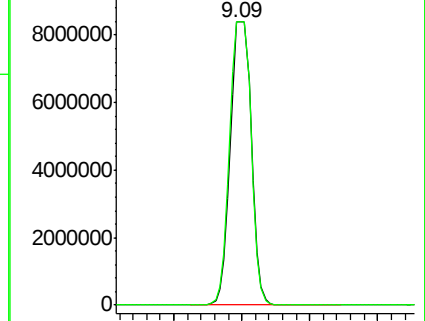
130 100

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: 32.201 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. -0.27 min

Lab File: VW003534.D

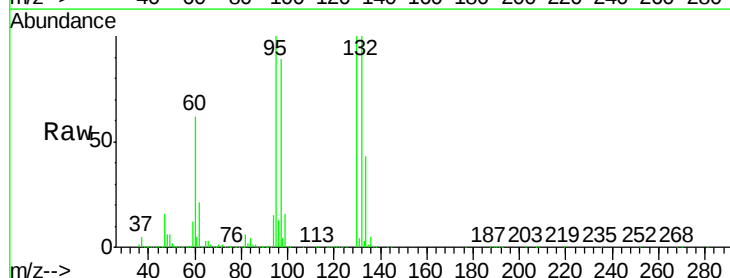
Acq: 25 Jun 2018 03:34

Tgt Ion: 63 Resp: 53502

Ion Ratio Lower Upper

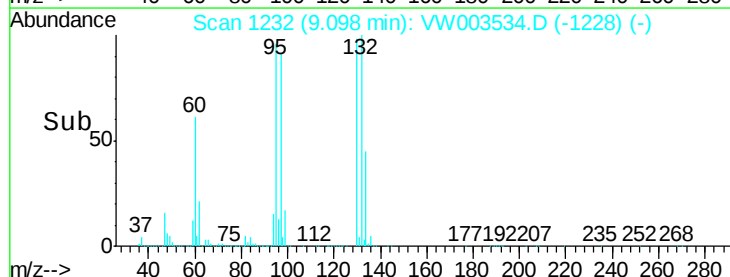
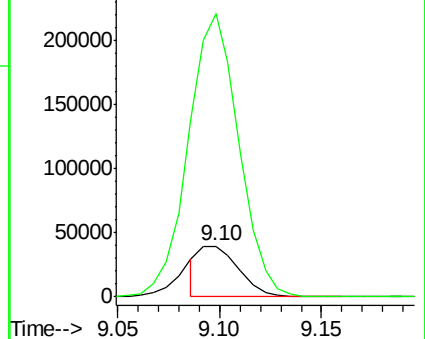
63 100

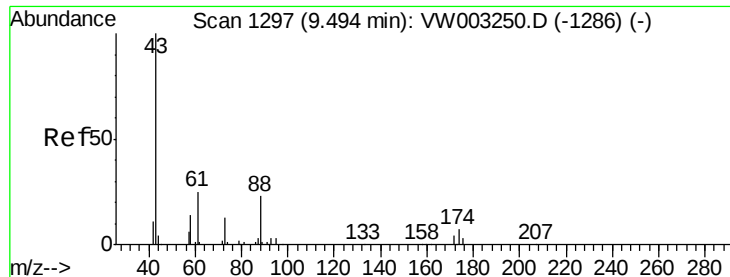
65 556.7 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

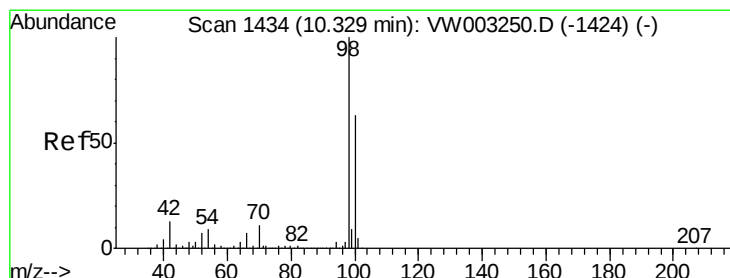
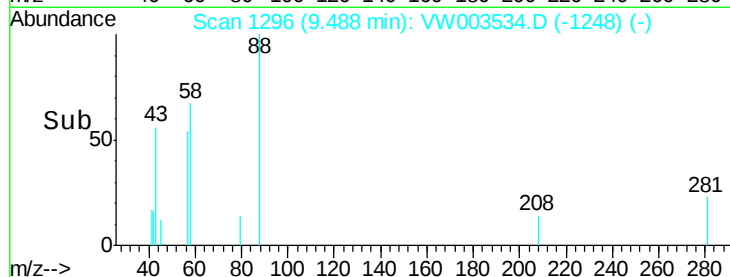
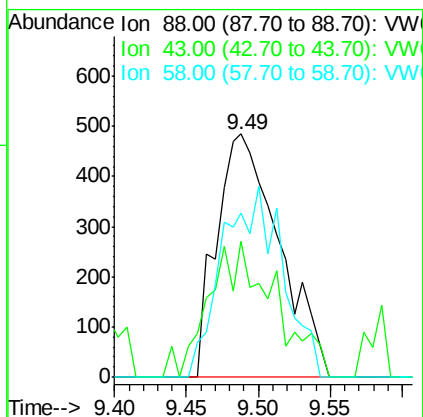
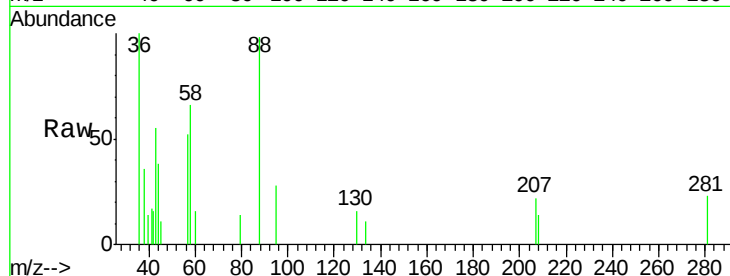




#49
 1,4-Dioxane
 Concen: 114.297 ug/l
 RT: 9.49 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: VW003534.D
 Acq: 25 Jun 2018 03:34

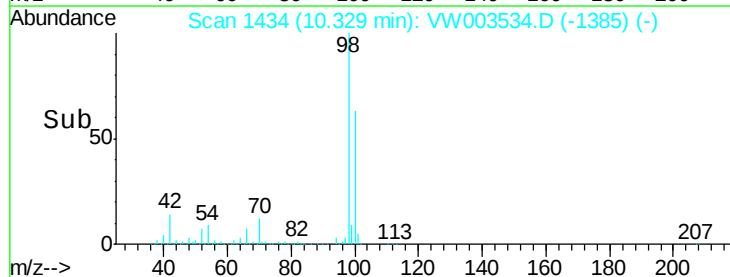
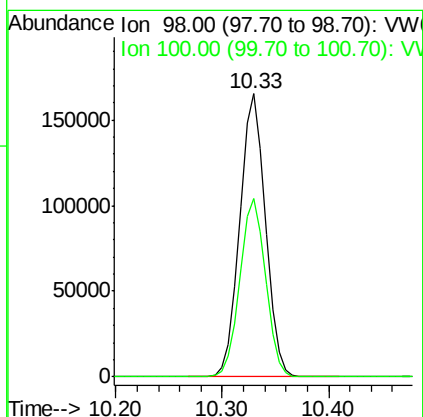
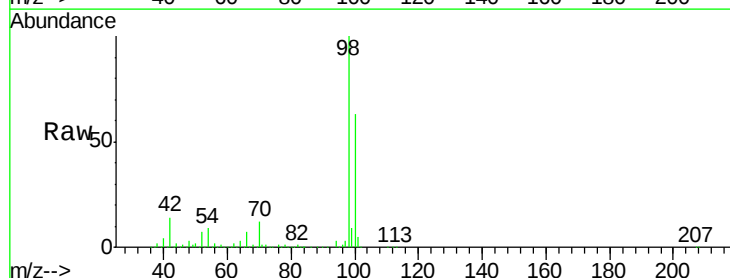
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-29-31-180620

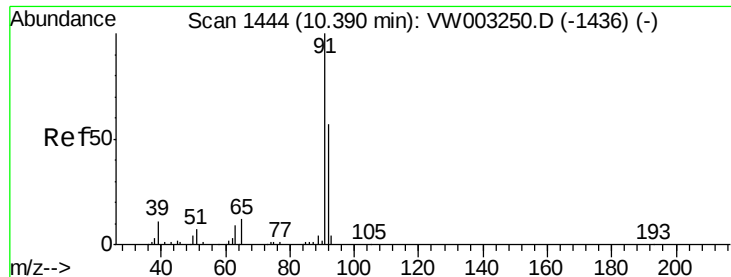
Tgt Ion: 88 Resp: 1468
 Ion Ratio Lower Upper
 88 100
 43 24.4 454.7 682.1#
 58 39.0 58.6 88.0#



#50
 Toluene-d8
 Concen: 46.591 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003534.D
 Acq: 25 Jun 2018 03:34

Tgt Ion: 98 Resp: 281397
 Ion Ratio Lower Upper
 98 100
 100 62.8 50.8 76.2





#52

Toluene

Concen: 5.631 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003534.D

Acq: 25 Jun 2018 03:34

Instrument :

MSVOA_W

ClientSampleId :

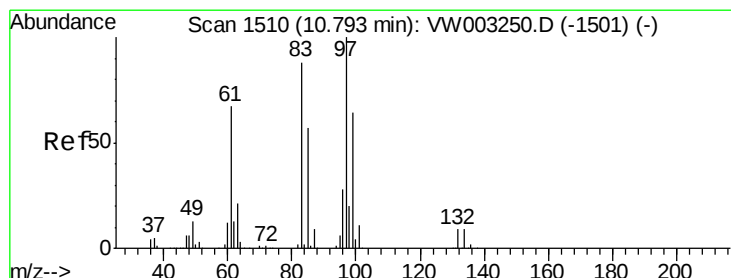
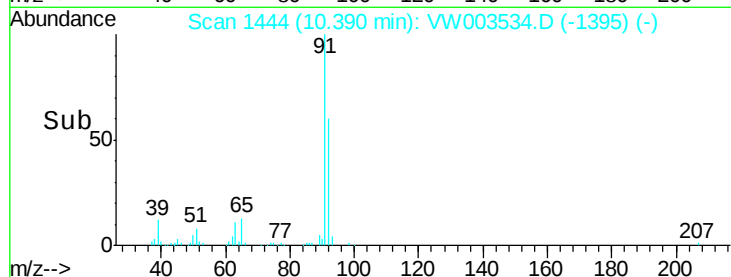
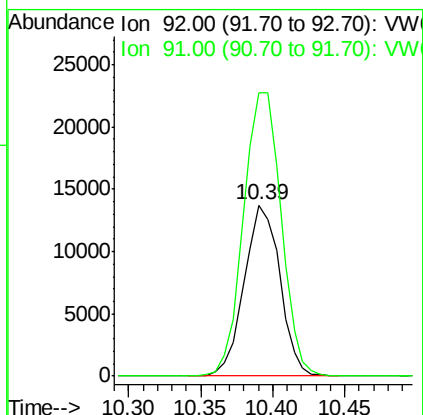
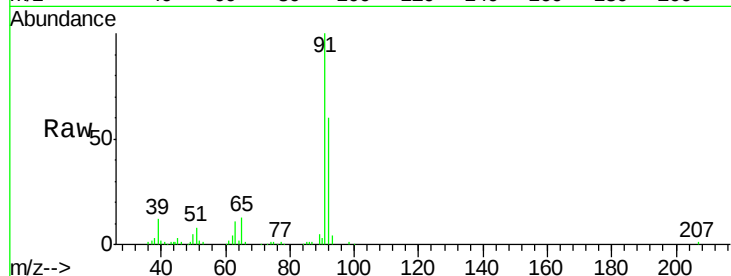
WP021SB474-29-31-180620

Tgt Ion: 92 Resp: 23564

Ion Ratio Lower Upper

92 100

91 174.7 141.1 211.7



#55

1,1,2-Trichloroethane

Concen: 8.309 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003534.D

Acq: 25 Jun 2018 03:34

Tgt Ion: 97 Resp: 9960

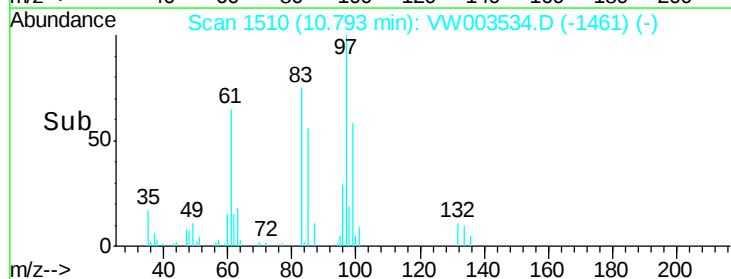
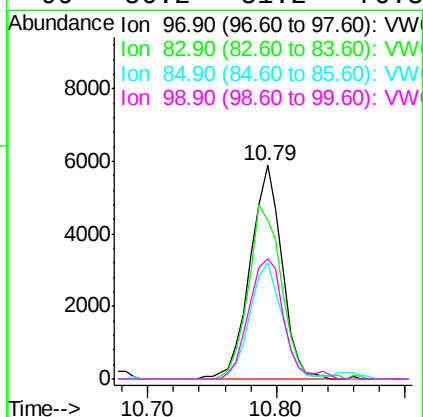
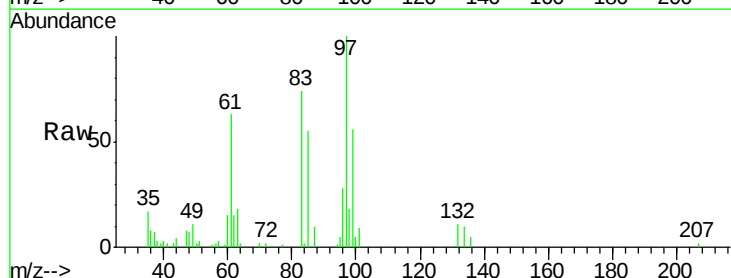
Ion Ratio Lower Upper

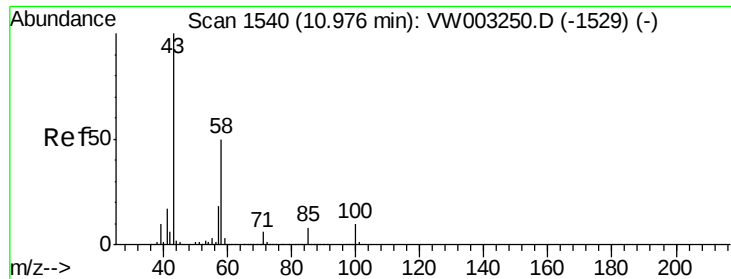
97 100

83 74.2 70.2 105.2

85 54.7 45.6 68.4

99 56.2 51.2 76.8





#59

2-Hexanone

Concen: 8.106 ug/l

RT: 10.84 min Scan# 1517

Delta R.T. -0.14 min

Lab File: VW003534.D

Acq: 25 Jun 2018 03:34

Instrument :

MSVOA_W

ClientSampleId :

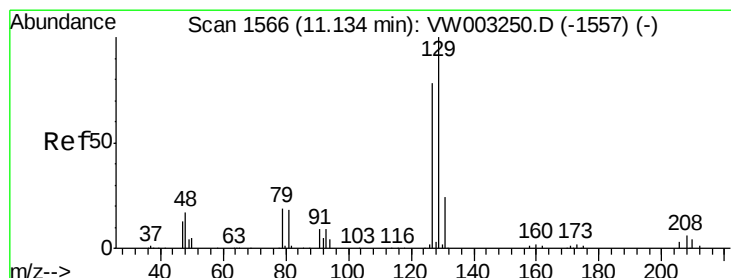
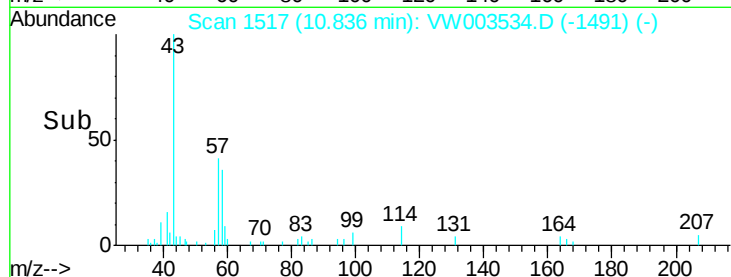
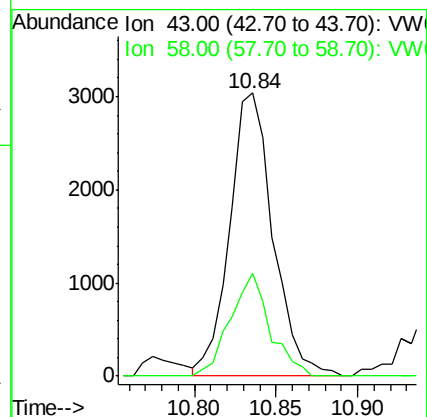
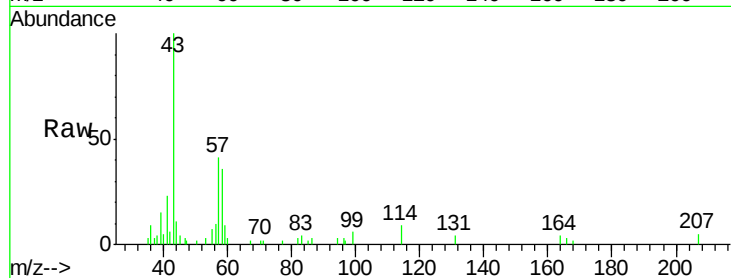
WP021SB474-29-31-180620

Tgt Ion: 43 Resp: 5619

Ion Ratio Lower Upper

43 100

58 33.2 25.0 75.0



#60

Dibromochloromethane

Concen: 2.916 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.27 min

Lab File: VW003534.D

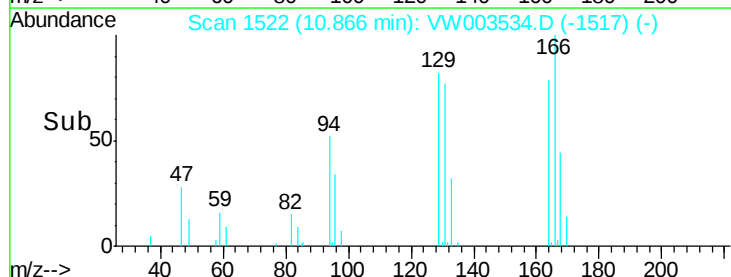
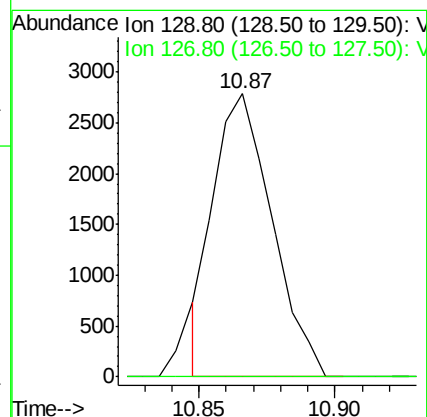
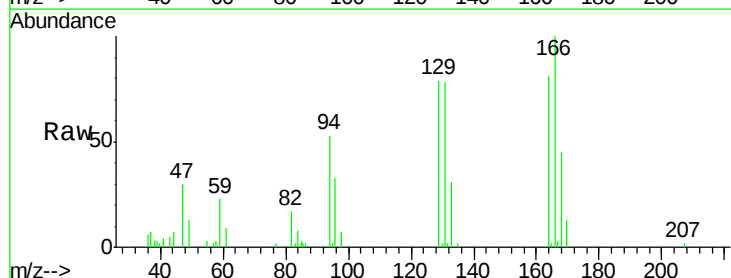
Acq: 25 Jun 2018 03:34

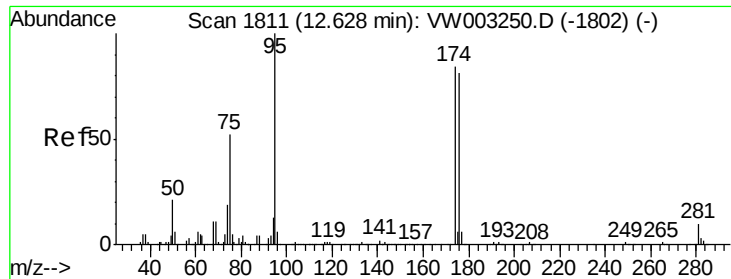
Tgt Ion: 129 Resp: 4157

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.5#

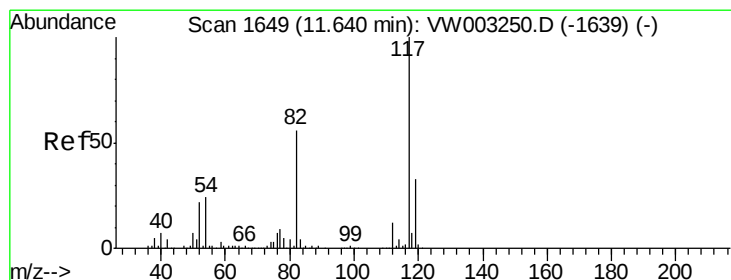
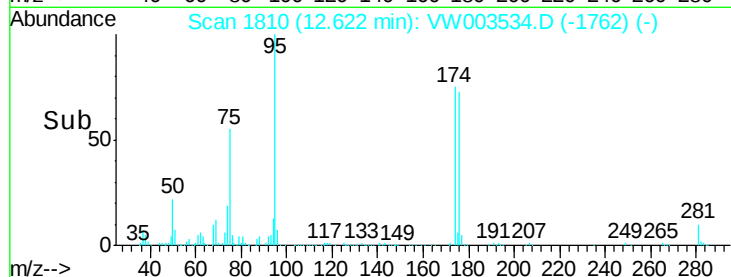
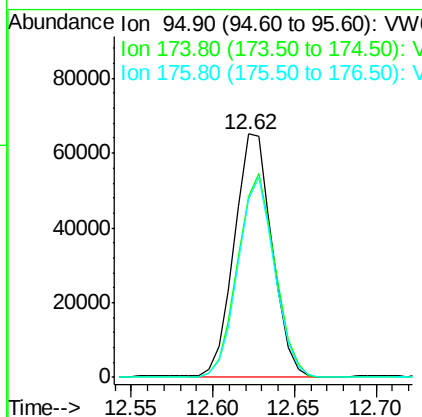
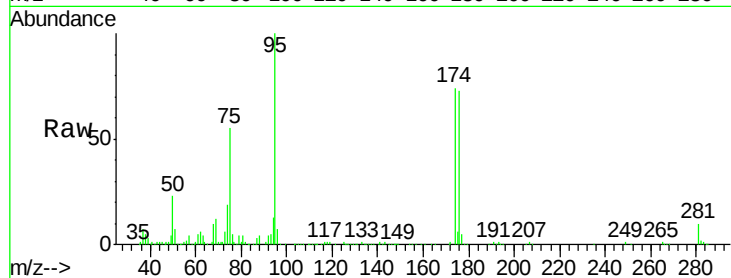




#62
4-Bromofluorobenzene
Concen: 48.998 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

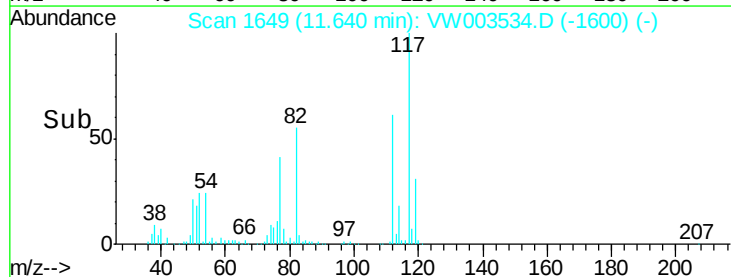
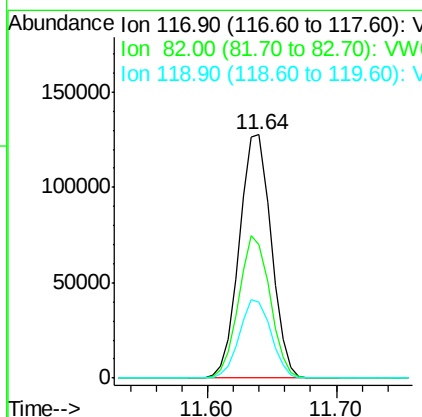
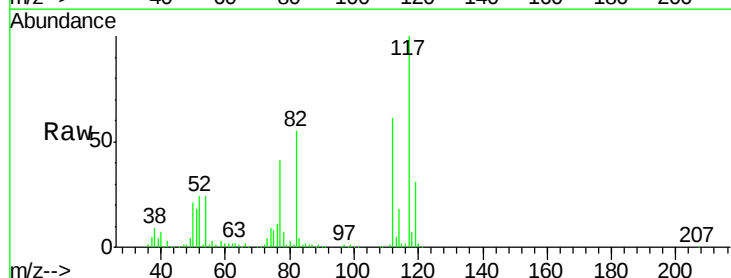
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-29-31-180620

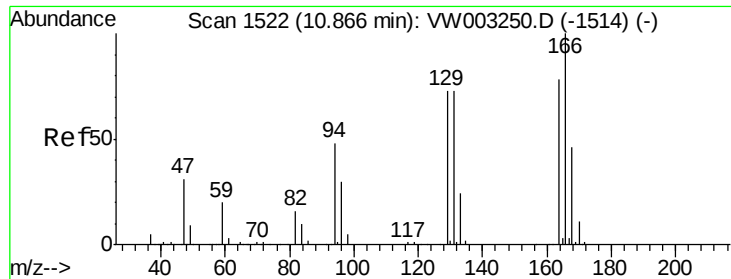
Tgt Ion: 95 Resp: 104729
Ion Ratio Lower Upper
95 100
174 83.2 0.0 166.4
176 79.9 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

Tgt Ion: 117 Resp: 219229
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 31.4 26.7 40.1

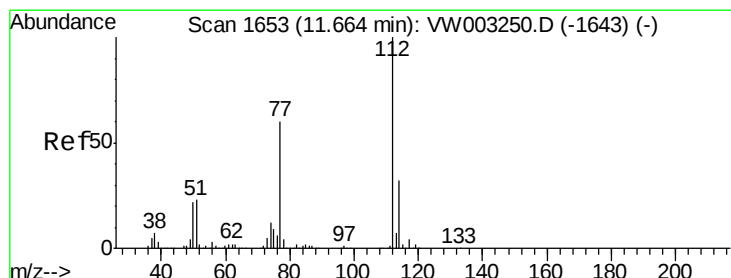
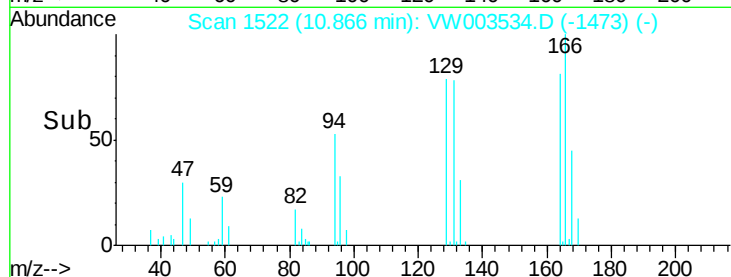
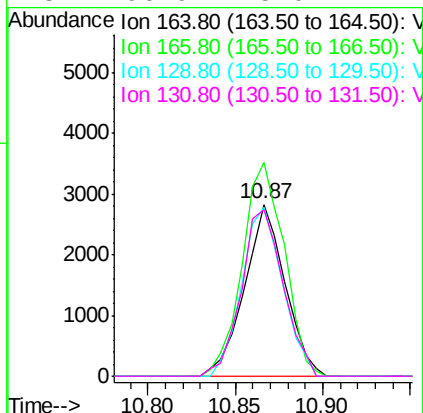
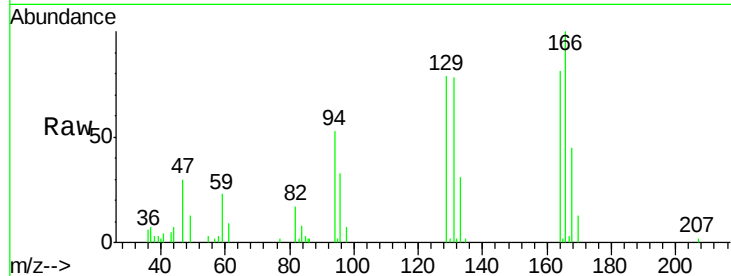




#64
Tetrachloroethene
Concen: 3.112 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

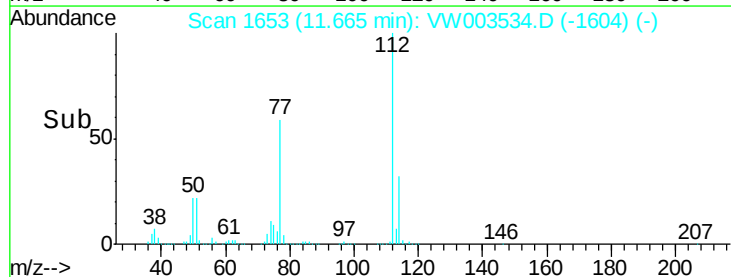
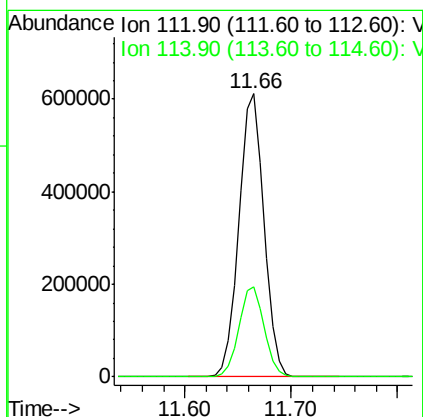
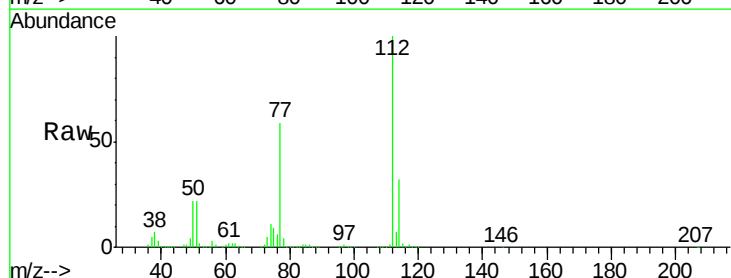
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-29-31-180620

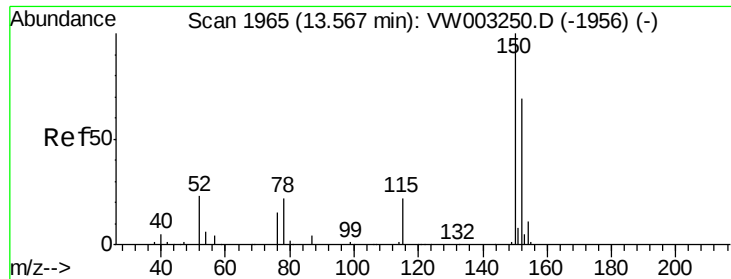
Tgt Ion:164 Resp: 4563
Ion Ratio Lower Upper
164 100
166 124.1 102.6 154.0
129 98.2 75.2 112.8
131 96.9 75.0 112.4



#65
Chlorobenzene
Concen: 221.592 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

Tgt Ion:112 Resp: 1011624
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003534.D

Acq: 25 Jun 2018 03:34

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-29-31-180620

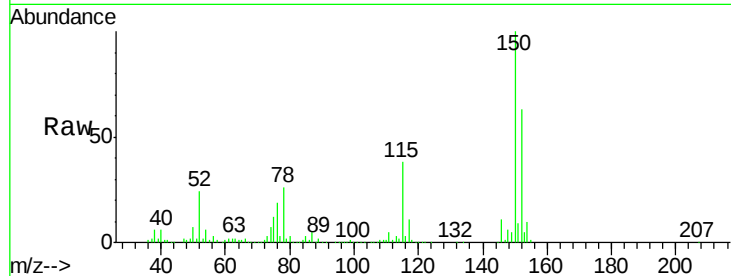
Tgt Ion:152 Resp: 107649

Ion Ratio Lower Upper

152 100

115 59.4 29.3 88.0

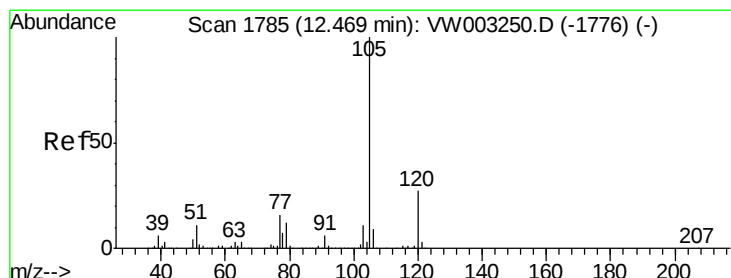
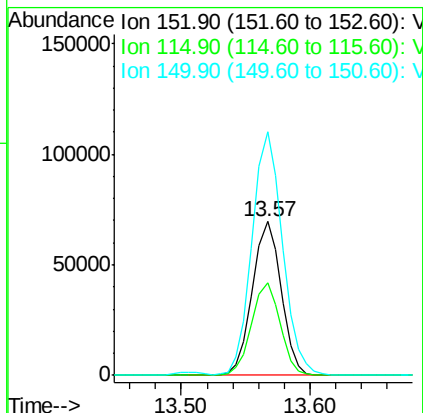
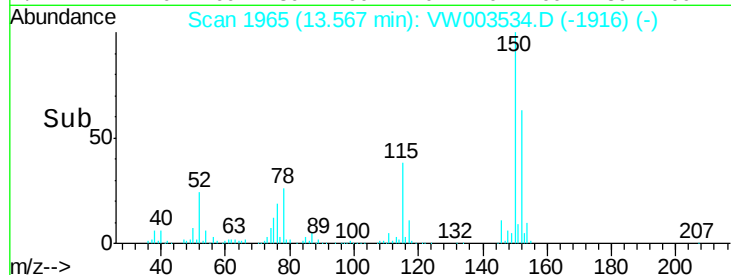
150 167.1 0.0 349.6



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



#73

Isopropylbenzene

Concen: 1.005 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003534.D

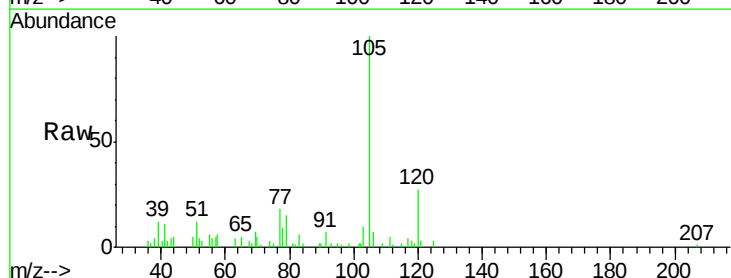
Acq: 25 Jun 2018 03:34

Tgt Ion:105 Resp: 7523

Ion Ratio Lower Upper

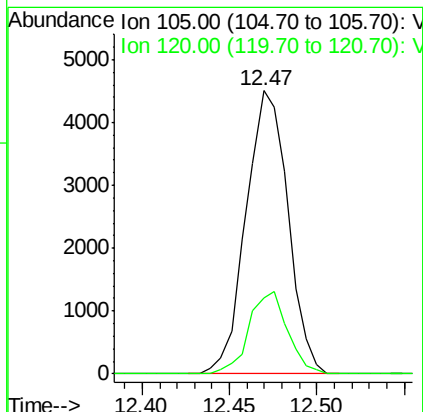
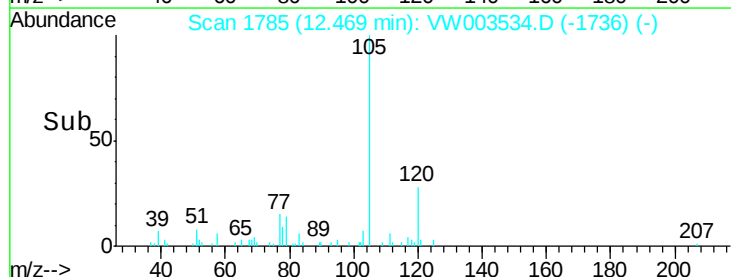
105 100

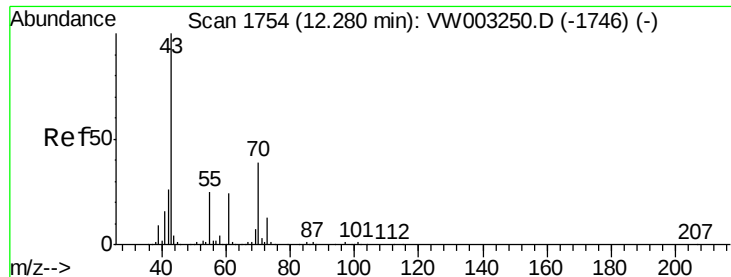
120 26.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

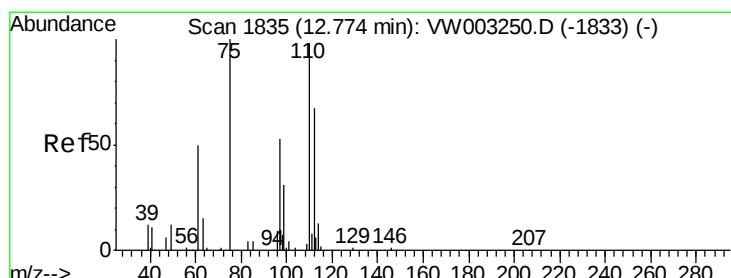
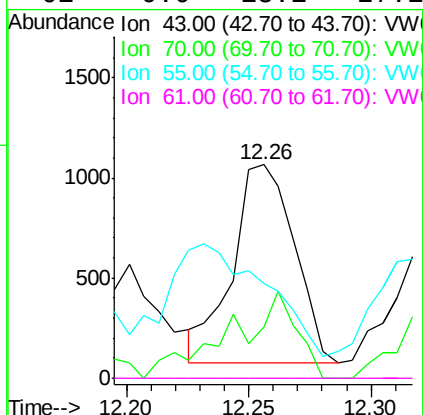
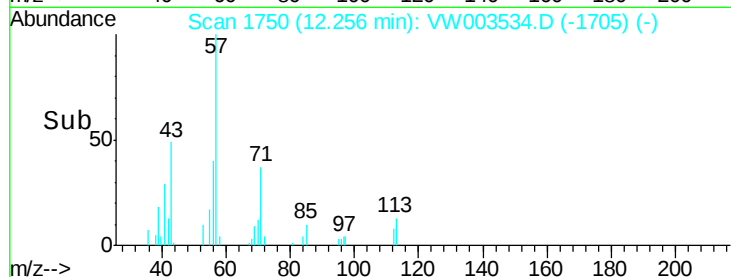
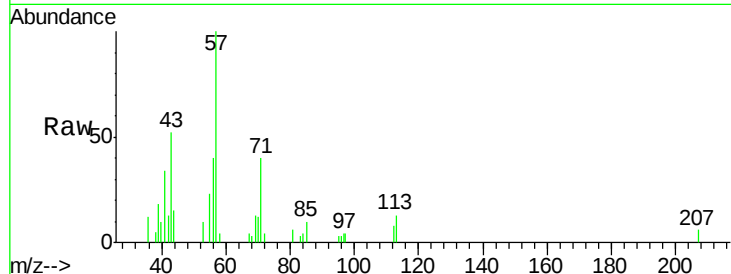




#74
N-amyI acetate
Concen: 1.025 ug/l
RT: 12.26 min Scan# 1750
Delta R.T. -0.02 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

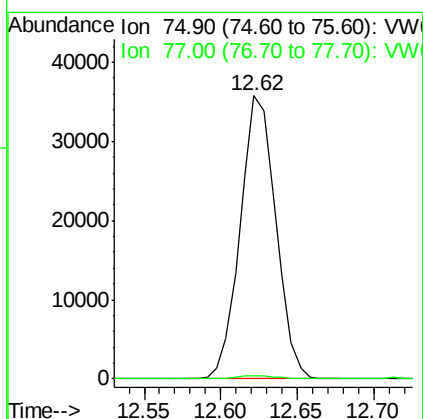
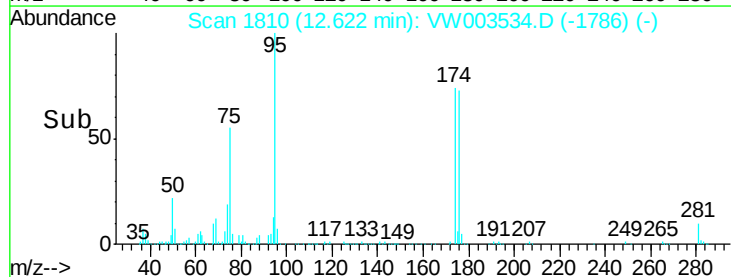
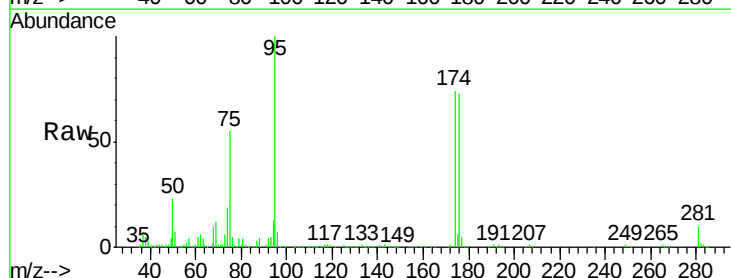
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-29-31-180620

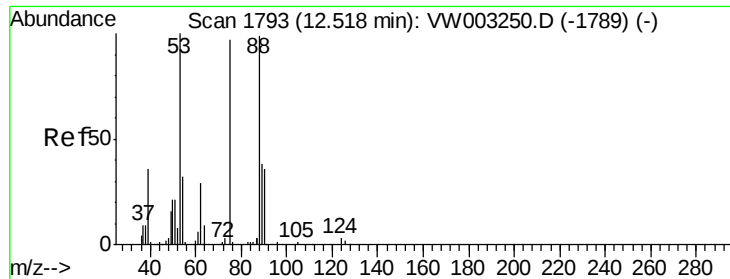
Tgt Ion: 43 Resp: 1747
Ion Ratio Lower Upper
43 100
70 47.1 31.0 46.6#
55 0.0 19.7 29.5#
61 0.0 18.1 27.1#



#76
1,2,3-Trichloropropane
Concen: 62.808 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW003534.D
Acq: 25 Jun 2018 03:34

Tgt Ion: 75 Resp: 57801
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 144.526 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003534.D

Acq: 25 Jun 2018 03:34

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-29-31-180620

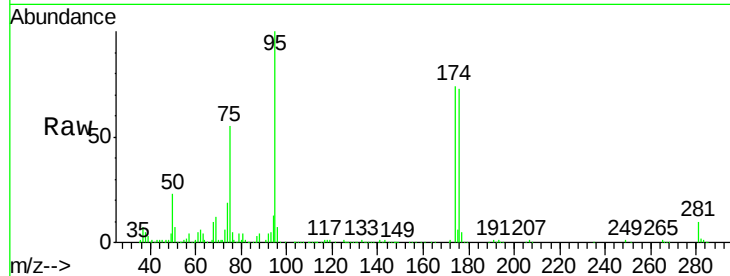
Tgt Ion: 75 Resp: 57801

Ion Ratio Lower Upper

75 100

53 0.7 82.9 124.3#

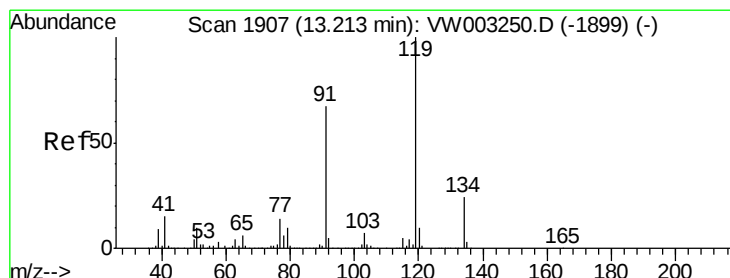
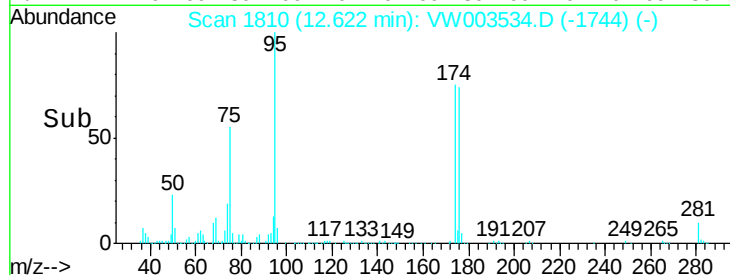
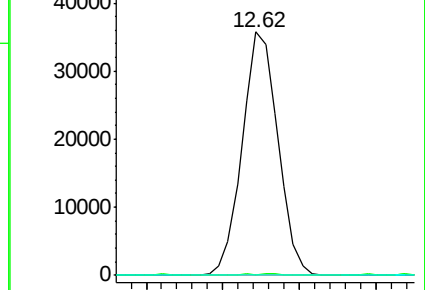
89 0.2 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#83

tert-Butylbenzene

Concen: 1.055 ug/l

RT: 13.21 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VW003534.D

Acq: 25 Jun 2018 03:34

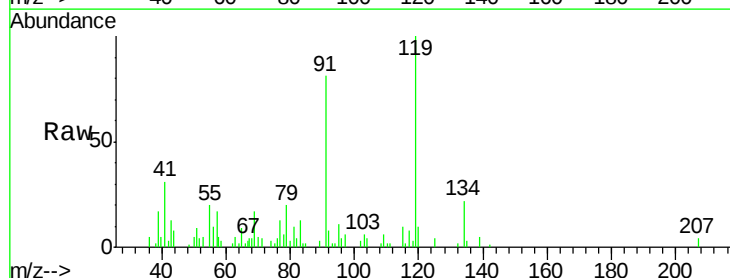
Tgt Ion: 119 Resp: 5652

Ion Ratio Lower Upper

119 100

91 79.5 33.9 101.7

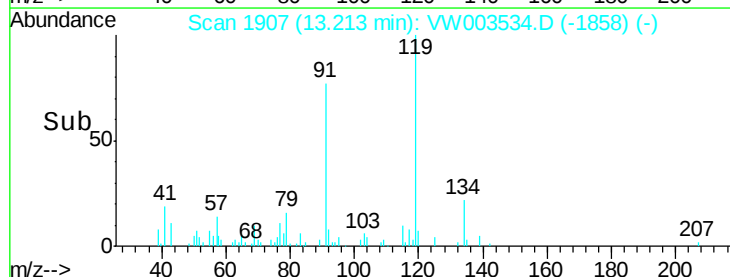
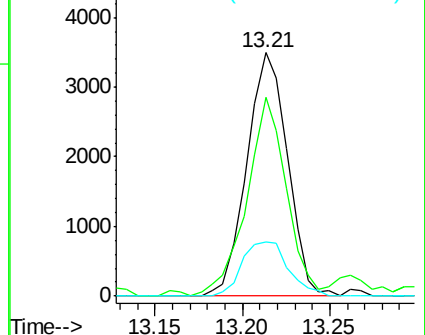
134 25.7 13.4 40.1

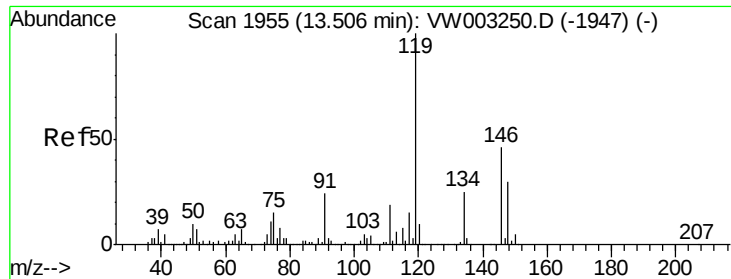


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

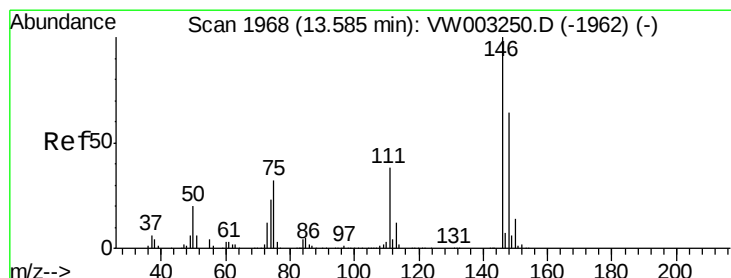
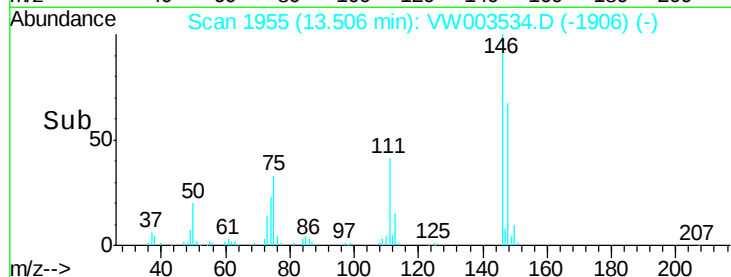
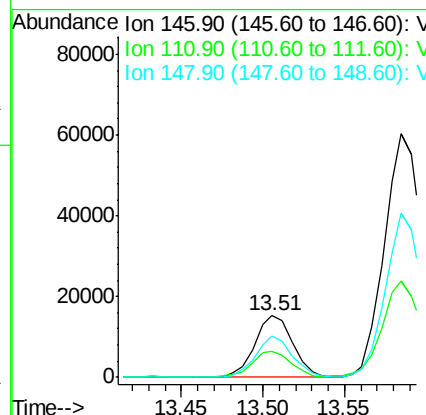
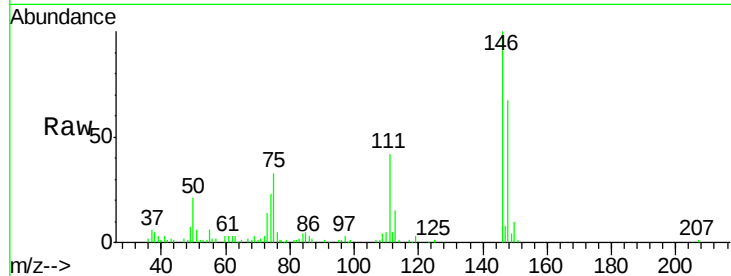




#87
 1,3-Dichlorobenzene
 Concen: 6.946 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003534.D
 Acq: 25 Jun 2018 03:34

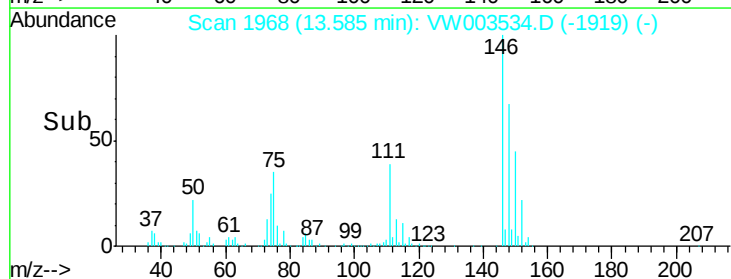
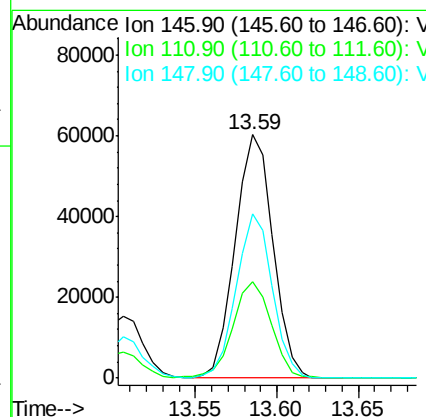
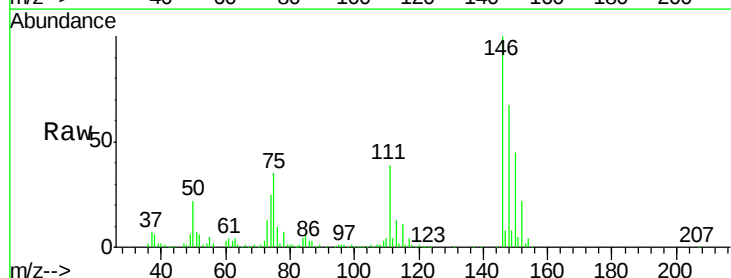
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-29-31-180620

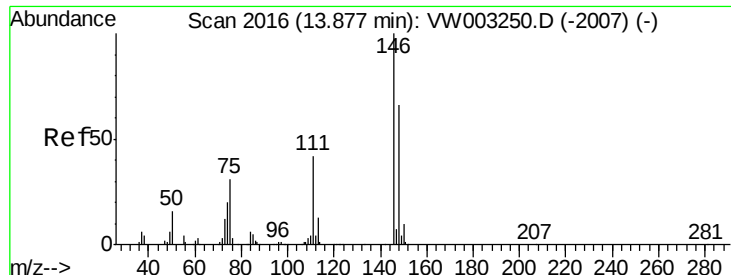
Tgt Ion:146 Resp: 24881
 Ion Ratio Lower Upper
 146 100
 111 44.5 19.8 59.4
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 27.371 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003534.D
 Acq: 25 Jun 2018 03:34

Tgt Ion:146 Resp: 97473
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.2 57.6
 148 64.4 31.8 95.4





#91

1,2-Dichlorobenzene

Concen: 85.407 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003534.D

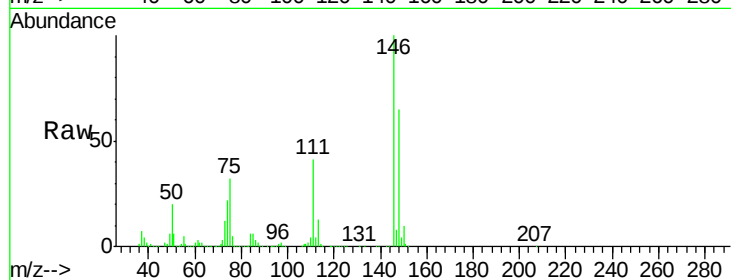
Acq: 25 Jun 2018 03:34

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-29-31-180620



Tgt Ion:	146	Resp:	267995
Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	61.0
148	63.0	32.3	96.9

