

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062418\
 Data File : VW003538.D
 Acq On : 25 Jun 2018 05:18
 Operator : SY/AP
 Sample : J3669-28
 Misc : 7.12G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-27-29-180620

Quant Time: Jun 25 05:47:02 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	152375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	273110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	258300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	148694	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	117407	71.14	ug/l	0.00
Spiked Amount			Recovery	=	142.28%	
35) Dibromofluoromethane	7.88	113	102916	60.64	ug/l	0.00
Spiked Amount			Recovery	=	121.28%	
50) Toluene-d8	10.33	98	365002	54.24	ug/l	0.00
Spiked Amount			Recovery	=	108.48%	
62) 4-Bromofluorobenzene	12.62	95	168894	70.92	ug/l	0.00
Spiked Amount			Recovery	=	141.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.36	62	7734	4.558	ug/l	96
11) Tert butyl alcohol	5.22	59	1092	12.337	ug/l #	58
13) Acrolein	3.89	56	507	4.006	ug/l #	81
16) Acetone	4.15	43	44872	129.632	ug/l	98
18) Methyl Acetate	4.68	43	1753	2.135	ug/l #	78
20) Methylene Chloride	4.92	84	20791	11.298	ug/l	93
24) 1,1-Dichloroethane	6.21	63	9350	3.275	ug/l #	94
25) 2-Butanone	7.18	43	3648	8.475	ug/l #	84
27) cis-1,2-Dichloroethene	7.17	96	7214	4.374	ug/l	97
29) Tetrahydrofuran	7.55	42	780	2.965	ug/l #	82
31) Cyclohexane	7.95	56	4499	1.687	ug/l #	43
36) 1,1-Dichloropropene	7.95	75	12630	4.789	ug/l #	48
37) Ethyl Acetate	7.18	43	3648	3.339	ug/l #	1
38) Carbon Tetrachloride	7.95	117	15564	6.016	ug/l #	15
39) Methylcyclohexane	9.34	83	3586	1.175	ug/l #	31
40) Benzene	8.32	78	58942	8.107	ug/l	95
41) Methacrylonitrile	7.54	41	768	1.145	ug/l #	39
44) Trichloroethene	9.10	130	69197	35.920	ug/l	93
48) Methyl methacrylate	9.47	41	1644	1.612	ug/l #	35
49) 1,4-Dioxane	9.48	88	545	38.087	ug/l #	1
51) 4-Methyl-2-Pentanone	10.26	43	7929	7.172	ug/l #	82
52) Toluene	10.39	92	9213	1.976	ug/l	98
55) 1,1,2-Trichloroethane	10.77	97	4562	3.416	ug/l #	40
56) Ethyl methacrylate	10.67	69	2173	1.340	ug/l #	1
59) 2-Hexanone	10.94	43	45438	58.833	ug/l #	32
65) Chlorobenzene	11.66	112	1101806	204.839	ug/l	100
74) N-amyl acetate	12.26	43	177348	75.338	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.69	83	13644	7.798	ug/l #	6
76) 1,2,3-Trichloropropane	12.62	75	78654	61.876	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	78654	142.379	ug/l #	18
83) tert-Butylbenzene	13.21	119	39547	5.345	ug/l	94
85) sec-Butylbenzene	13.39	105	19608	1.783	ug/l #	12
87) 1,3-Dichlorobenzene	13.51	146	26019	5.258	ug/l #	9
88) 1,4-Dichlorobenzene	13.58	146	72005	14.638	ug/l #	73

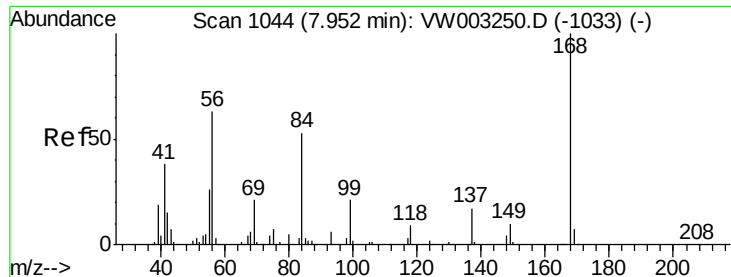
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062418\
Data File : VW003538.D
Acq On : 25 Jun 2018 05:18
Operator : SY/AP
Sample : J3669-28
Misc : 7.12G/5ML/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-27-29-180620

Quant Time: Jun 25 05:47:02 2018
Quant Method : Z:\V0ASRV\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)
90) Hexachloroethane	14.09	117	1821	1.038	ug/l #	10
91) 1,2-Dichlorobenzene	13.88	146	179157	41.335	ug/l	90

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003538.D

Acq: 25 Jun 2018 05:18

Instrument :

MSVOA_W

ClientSampleId :

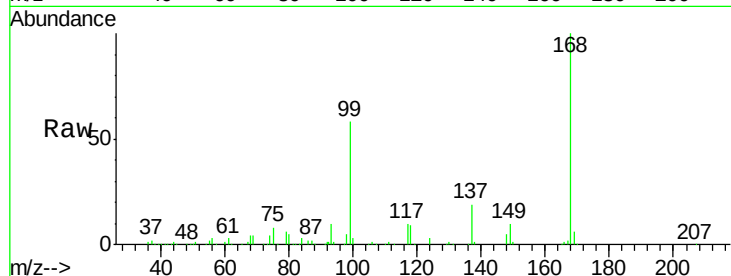
WP021SB474-27-29-180620

Tgt Ion:168 Resp: 152375

Ion Ratio Lower Upper

168 100

99 57.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

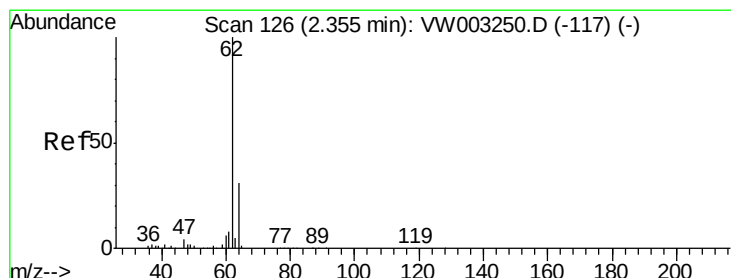
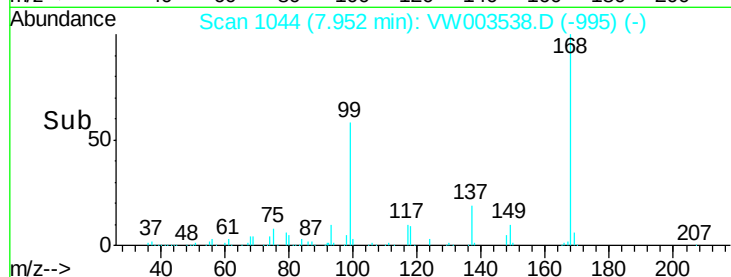
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#4

Vinyl Chloride

Concen: 4.558 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003538.D

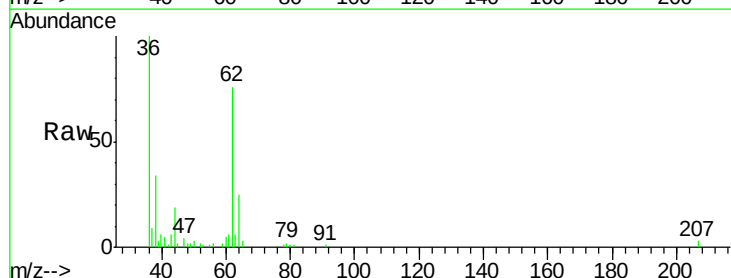
Acq: 25 Jun 2018 05:18

Tgt Ion: 62 Resp: 7734

Ion Ratio Lower Upper

62 100

64 33.4 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

5000

4000

3000

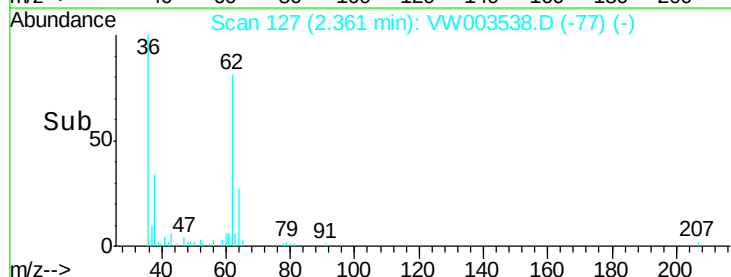
2000

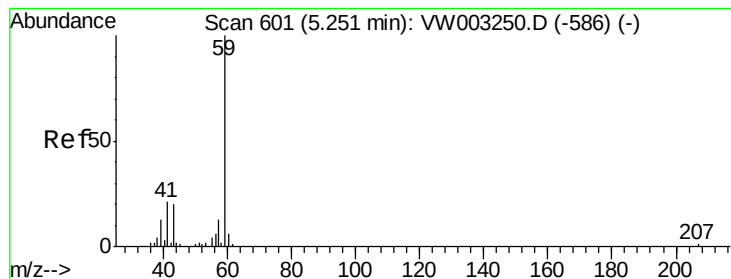
1000

0

2.25 2.30 2.35 2.40 2.45

Time-->



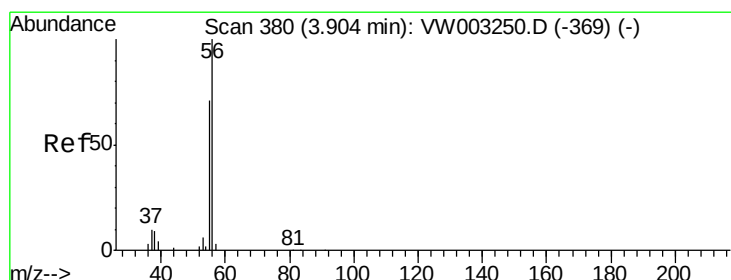
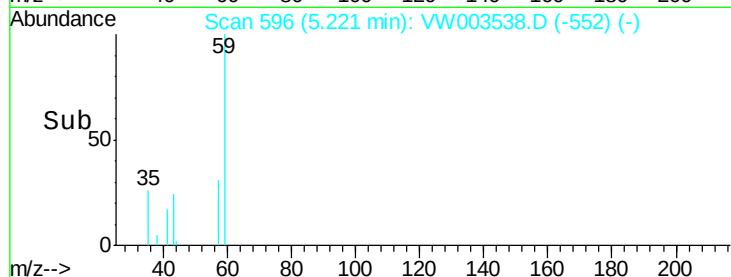
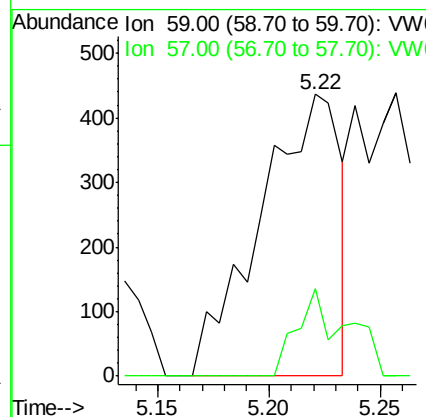
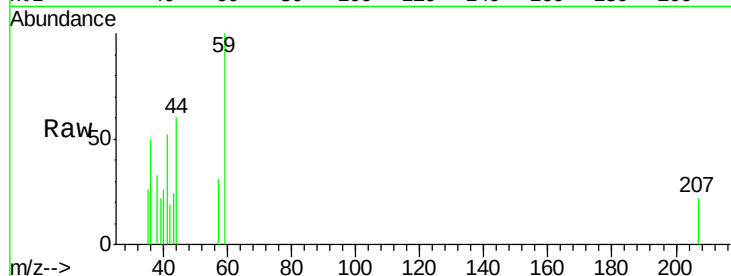


#11

Tert butyl alcohol
 Concen: 12.337 ug/l
 RT: 5.22 min Scan# 596
 Delta R.T. -0.03 min
 Lab File: VW003538.D
 Acq: 25 Jun 2018 05:18

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-27-29-180620

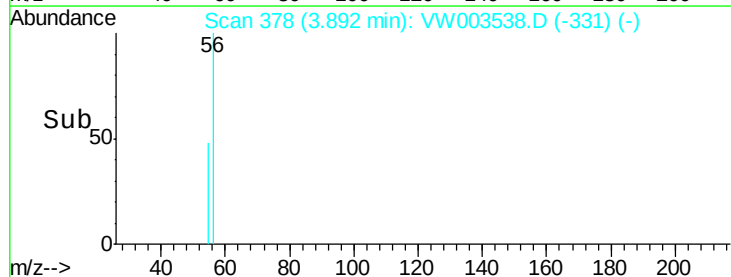
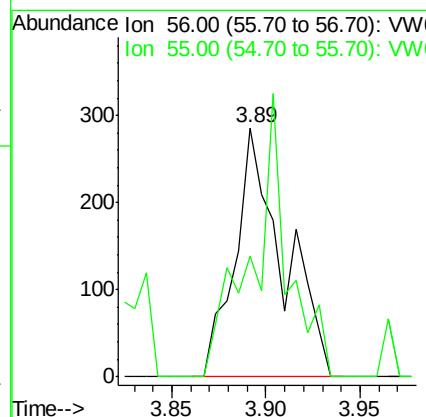
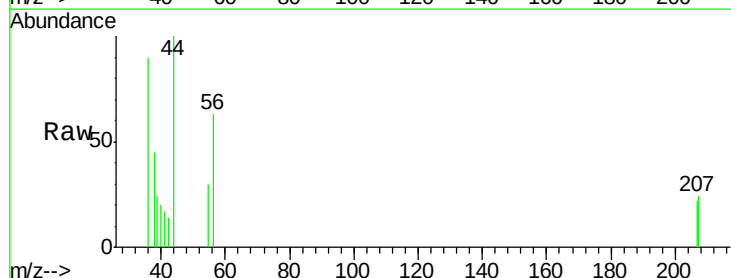
Tgt Ion: 59 Resp: 1092
 Ion Ratio Lower Upper
 59 100
 57 19.1 4.2 6.2#

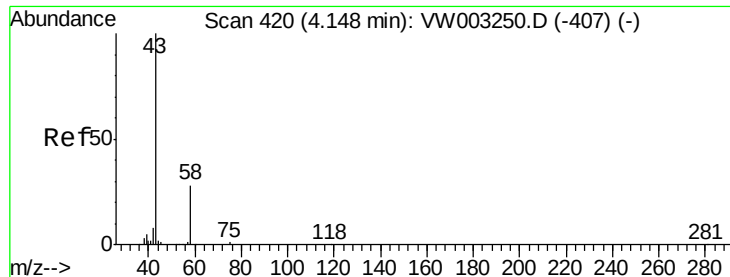


#13

Acrolein
 Concen: 4.006 ug/l
 RT: 3.89 min Scan# 378
 Delta R.T. -0.01 min
 Lab File: VW003538.D
 Acq: 25 Jun 2018 05:18

Tgt Ion: 56 Resp: 507
 Ion Ratio Lower Upper
 56 100
 55 85.2 55.4 83.2#





#16

Acetone

Concen: 129.632 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003538.D

Acq: 25 Jun 2018 05:18

Instrument :

MSVOA_W

ClientSampleId :

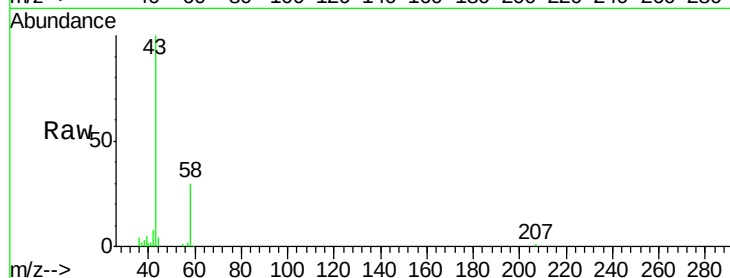
WP021SB474-27-29-180620

Tgt Ion: 43 Resp: 44872

Ion Ratio Lower Upper

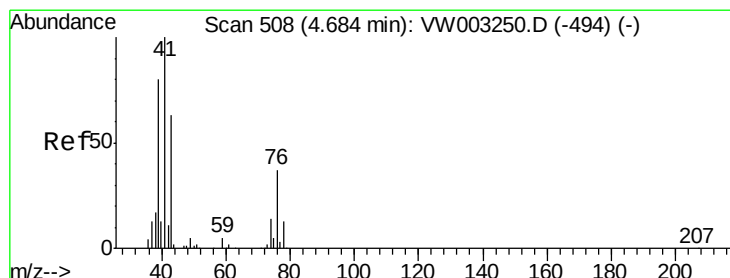
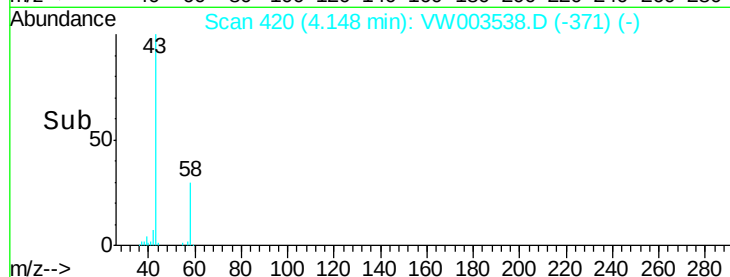
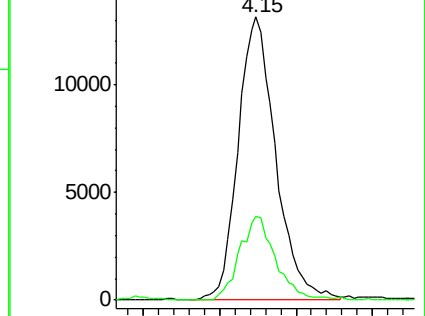
43 100

58 29.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 2.135 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003538.D

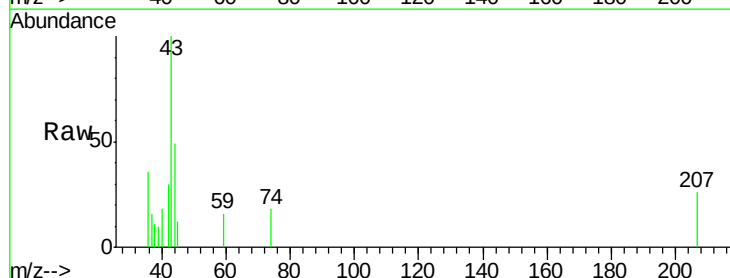
Acq: 25 Jun 2018 05:18

Tgt Ion: 43 Resp: 1753

Ion Ratio Lower Upper

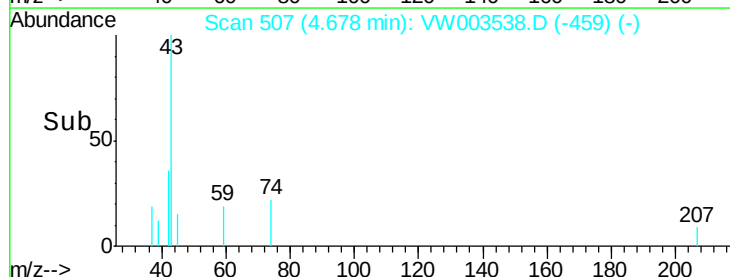
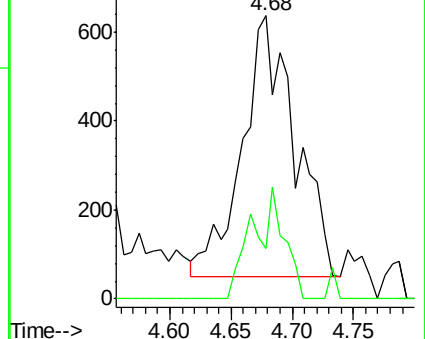
43 100

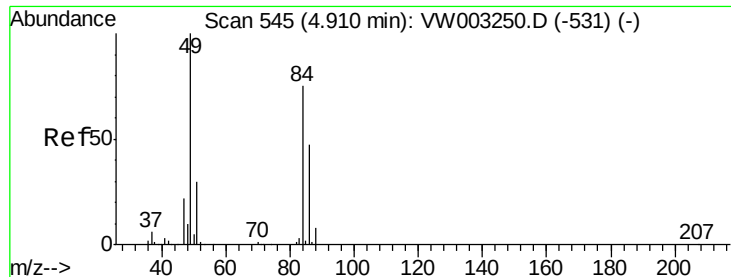
74 12.5 18.7 28.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

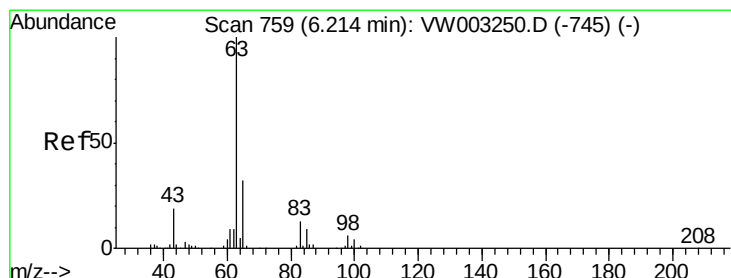
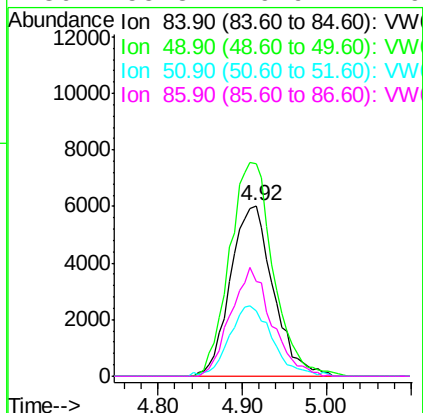
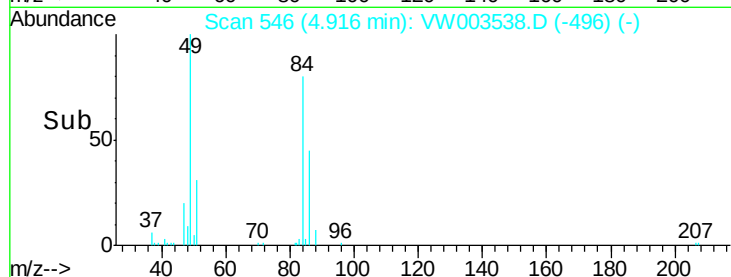
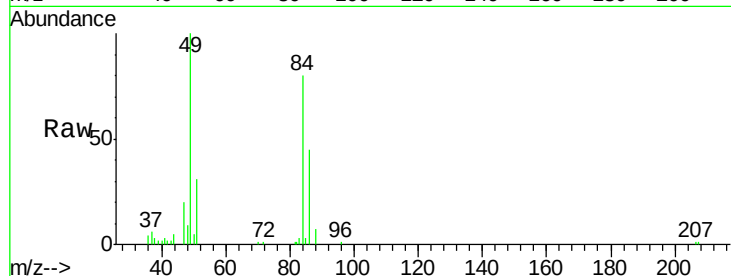




#20
Methylene Chloride
Concen: 11.298 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

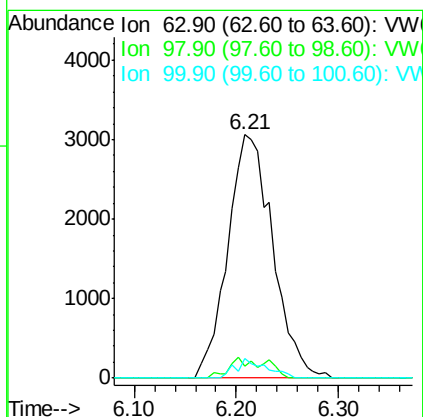
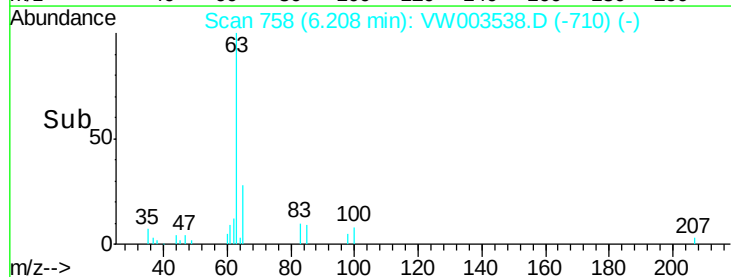
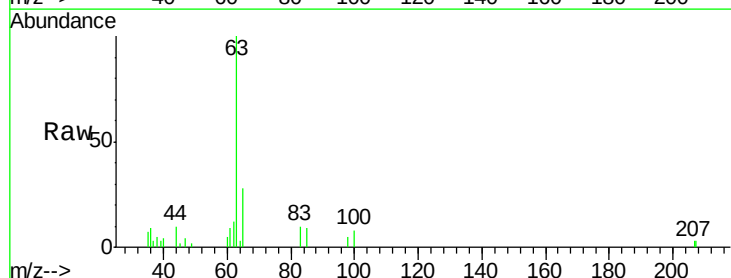
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-27-29-180620

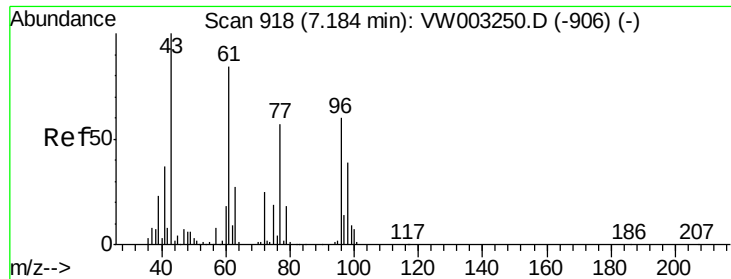
Tgt Ion:	84	Resp:	20791
Ion	Ratio	Lower	Upper
84	100		
49	124.9	106.3	159.5
51	38.4	32.0	48.0
86	55.8	49.9	74.9



#24
1,1-Dichloroethane
Concen: 3.275 ug/l
RT: 6.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

Tgt Ion:	63	Resp:	9350
Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.8	8.3
100	8.0	2.1	6.5#





#25

2-Butanone

Concen: 8.475 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003538.D

Acq: 25 Jun 2018 05:18

Instrument :

MSVOA_W

ClientSampleId :

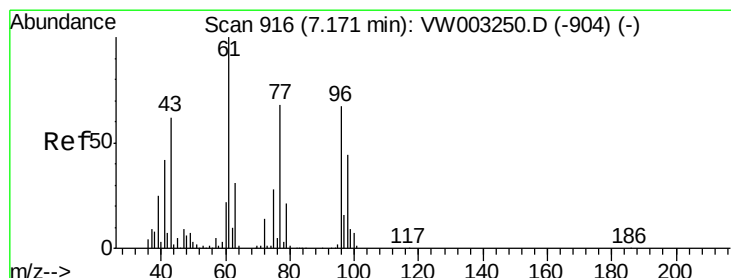
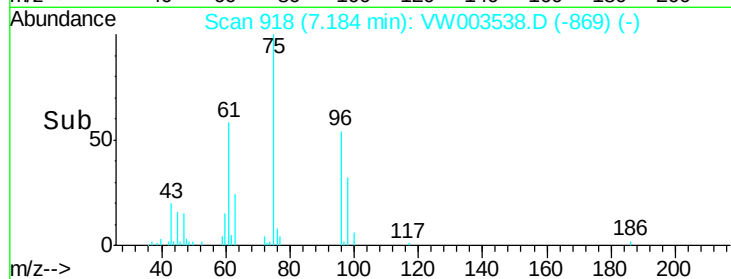
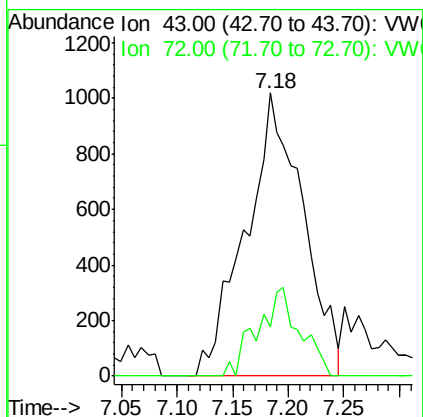
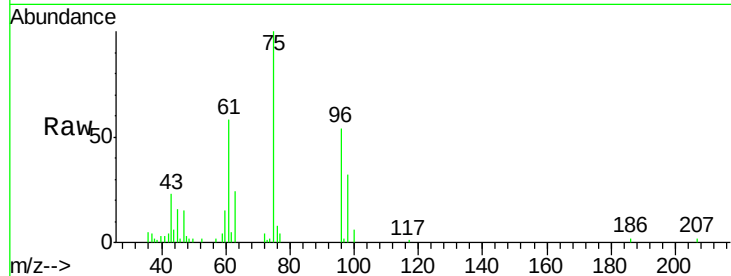
WP021SB474-27-29-180620

Tgt Ion: 43 Resp: 3648

Ion Ratio Lower Upper

43 100

72 17.2 20.3 30.5#



#27

cis-1,2-Dichloroethene

Concen: 4.374 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003538.D

Acq: 25 Jun 2018 05:18

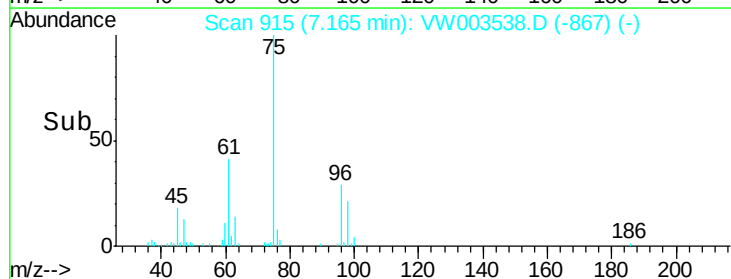
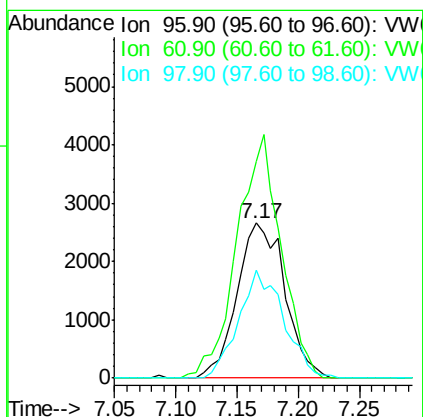
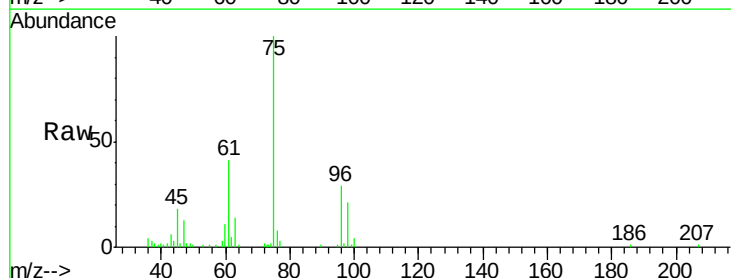
Tgt Ion: 96 Resp: 7214

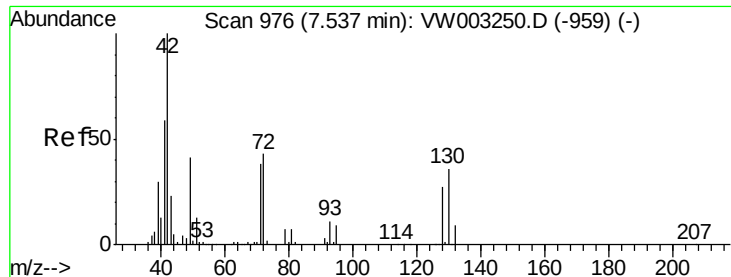
Ion Ratio Lower Upper

96 100

61 145.1 0.0 298.8

98 65.5 0.0 130.4

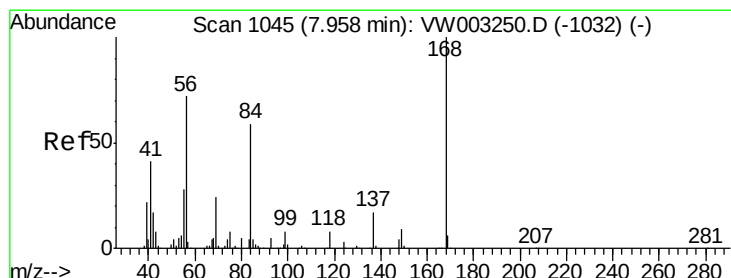
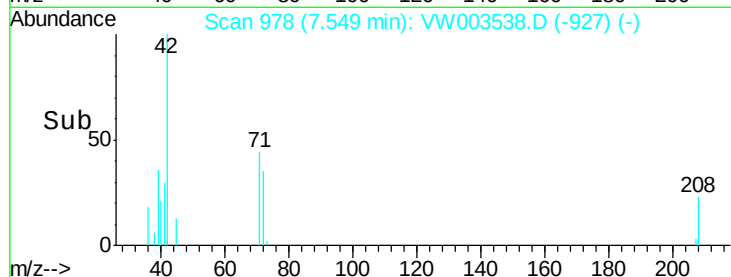
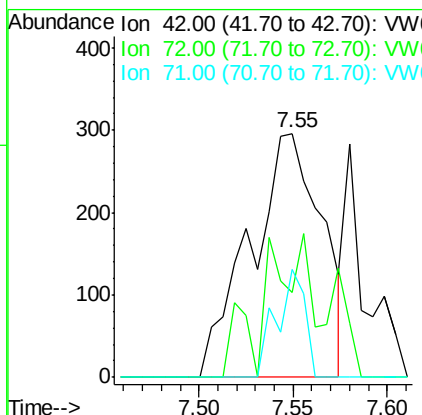
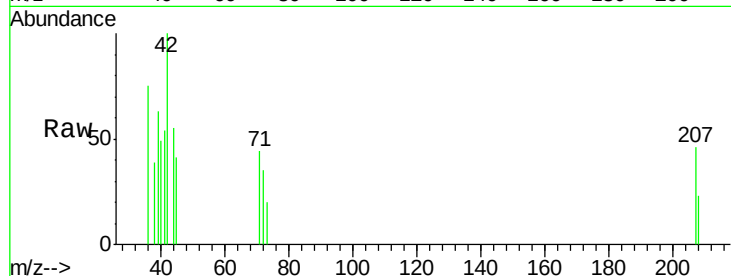




#29
Tetrahydrofuran
Concen: 2.965 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.01 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

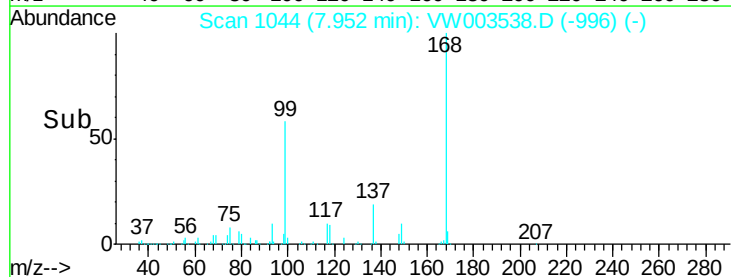
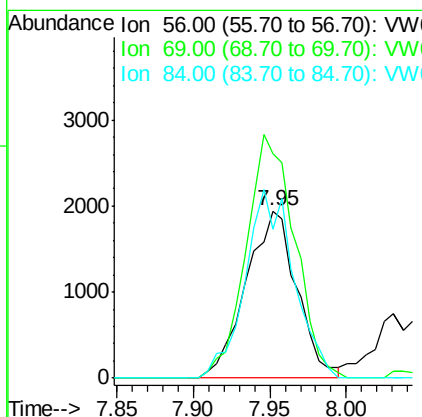
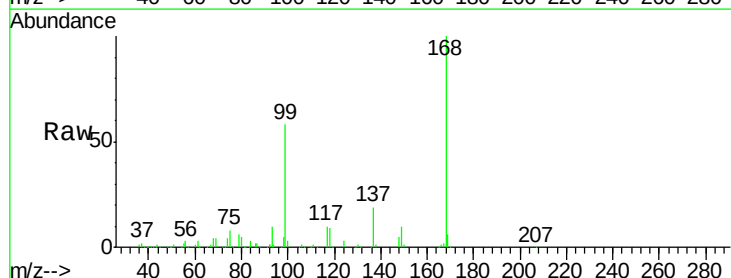
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-27-29-180620

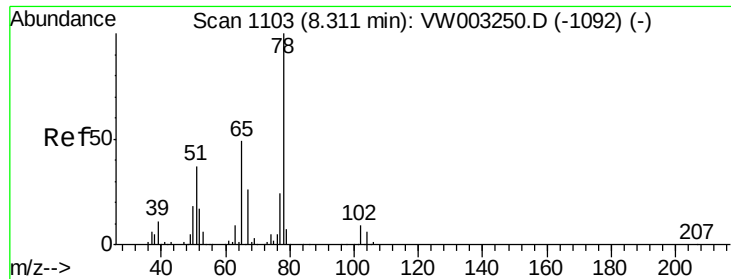
Tgt Ion: 42 Resp: 780
Ion Ratio Lower Upper
42 100
72 40.1 32.4 48.6
71 17.4 31.2 46.8#



#31
Cyclohexane
Concen: 1.687 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

Tgt Ion: 56 Resp: 4499
Ion Ratio Lower Upper
56 100
69 134.6 26.3 39.5#
84 89.5 65.7 98.5

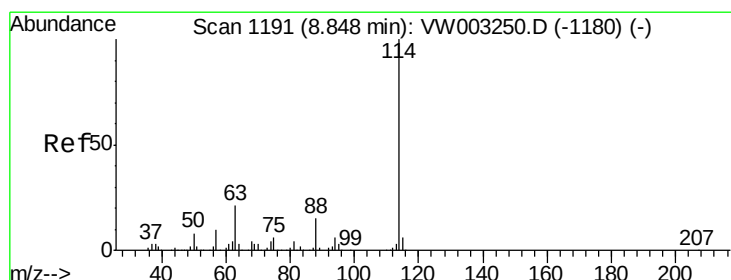
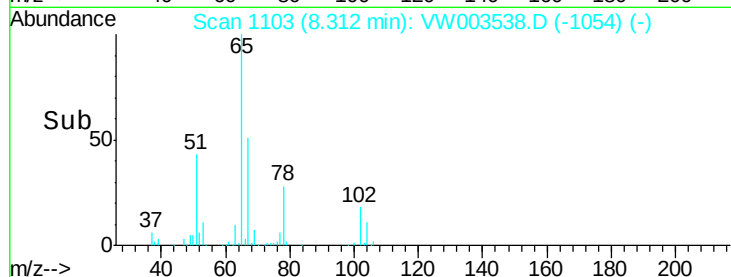
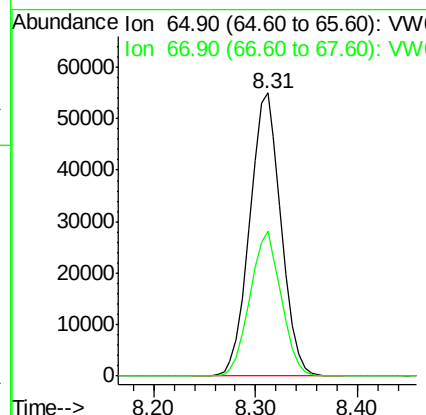
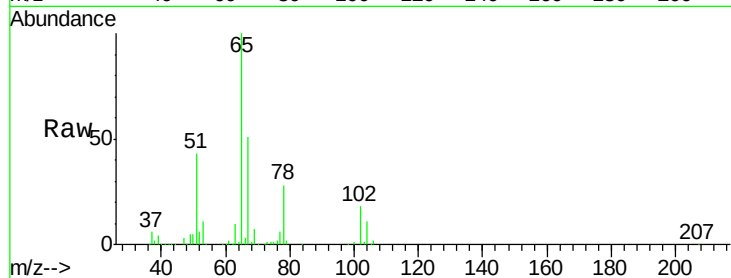




#33
 1,2-Dichloroethane-d4
 Concen: 71.136 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003538.D
 Acq: 25 Jun 2018 05:18

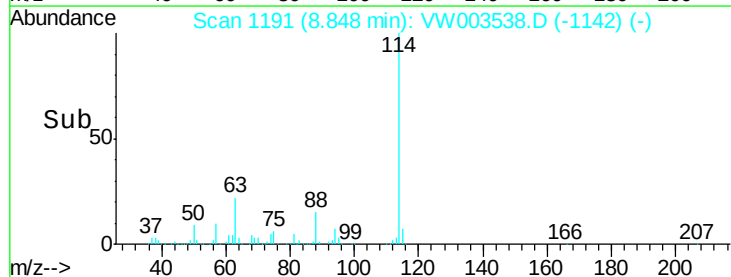
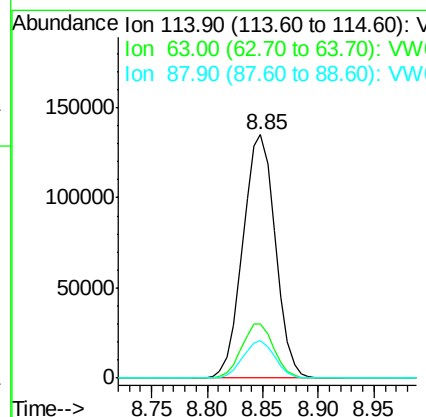
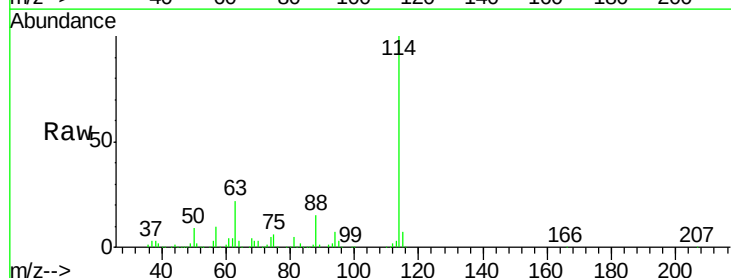
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-27-29-180620

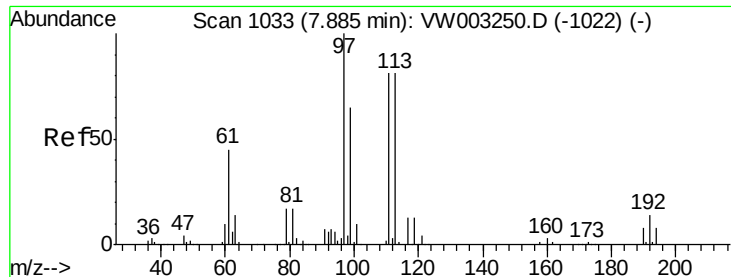
Tgt Ion: 65 Resp: 117407
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003538.D
 Acq: 25 Jun 2018 05:18

Tgt Ion: 114 Resp: 273110
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.0
 88 15.3 0.0 29.6

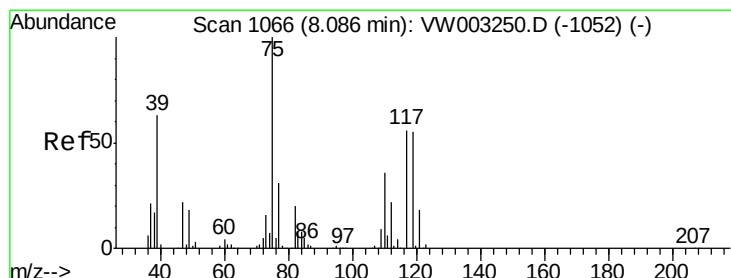
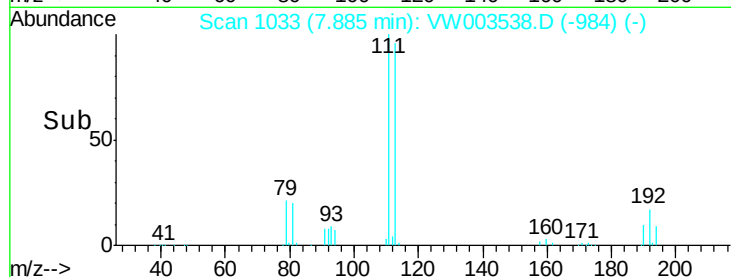
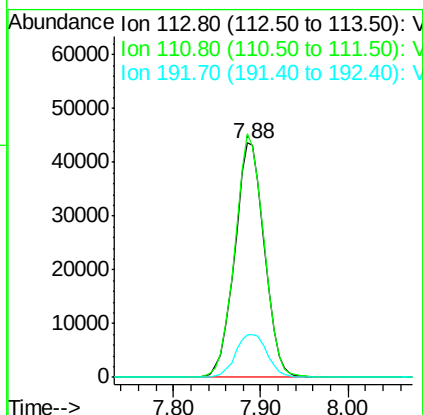
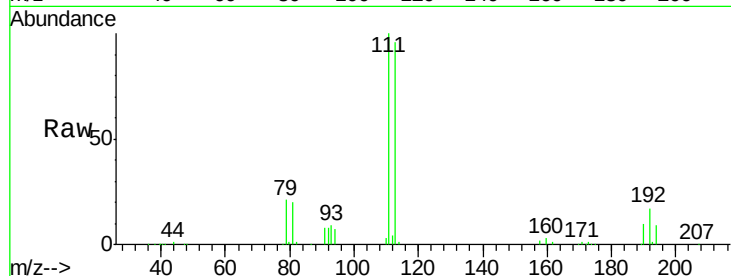




#35
 Dibromofluoromethane
 Concen: 60.645 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003538.D
 Acq: 25 Jun 2018 05:18

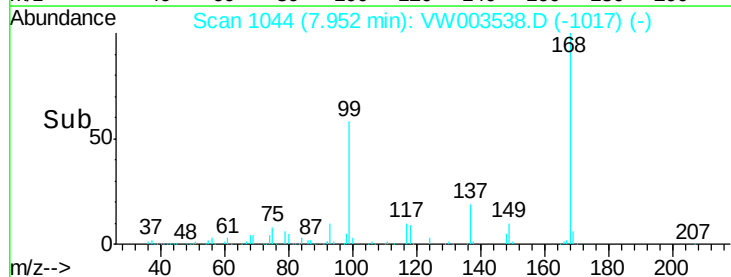
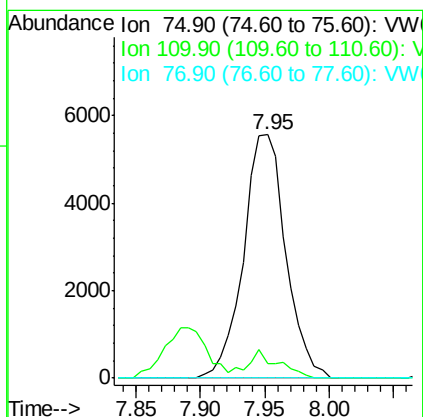
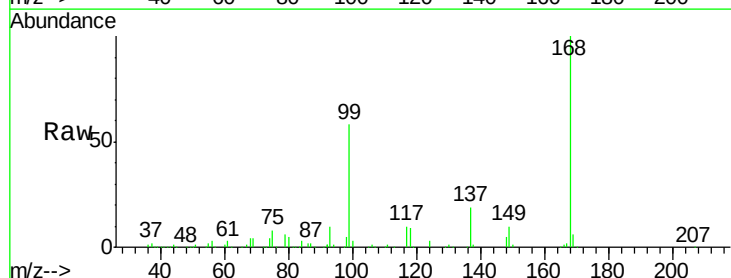
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-27-29-180620

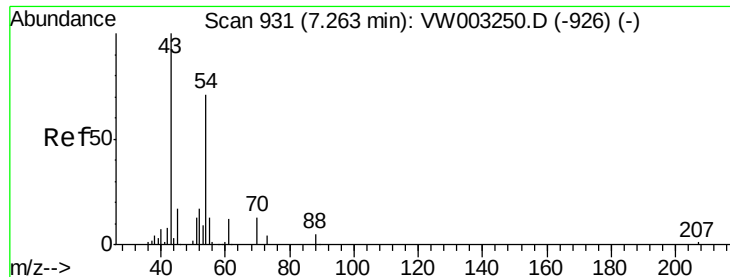
Tgt Ion:113 Resp: 102916
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.2
 192 19.4 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 4.789 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003538.D
 Acq: 25 Jun 2018 05:18

Tgt Ion: 75 Resp: 12630
 Ion Ratio Lower Upper
 75 100
 110 7.2 17.1 51.3#
 77 0.0 24.9 37.3#

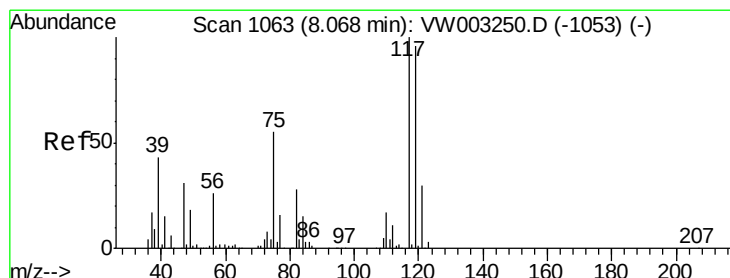
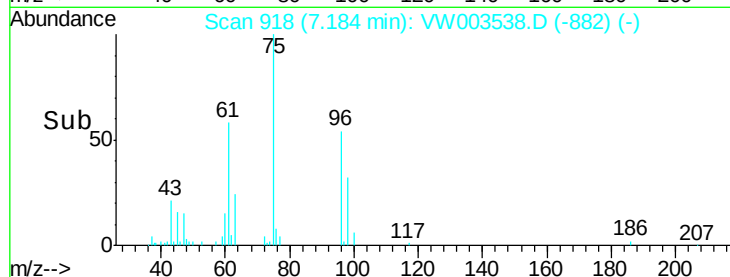
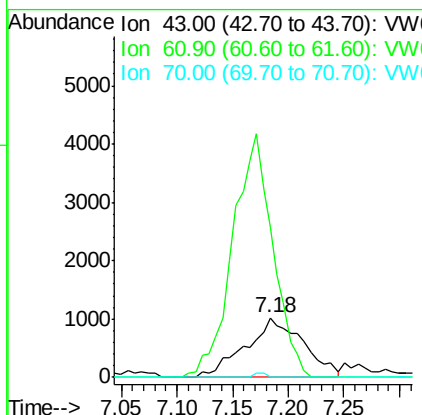
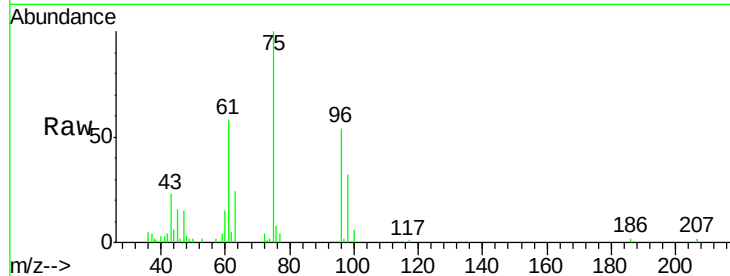




#37
 Ethyl Acetate
 Concen: 3.339 ug/l
 RT: 7.18 min Scan# 918
 Delta R.T. -0.08 min
 Lab File: VW003538.D
 Acq: 25 Jun 2018 05:18

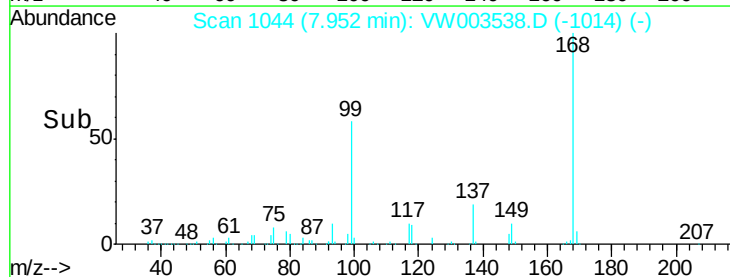
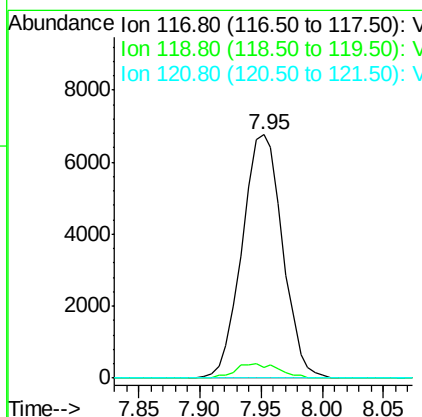
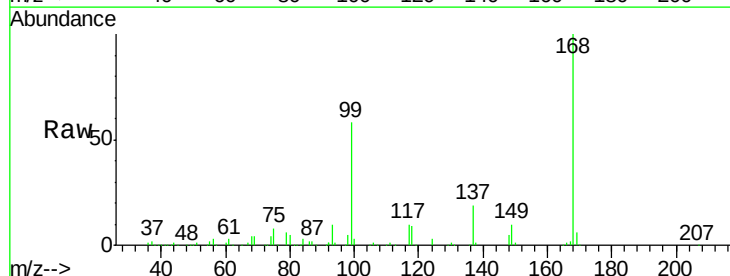
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-27-29-180620

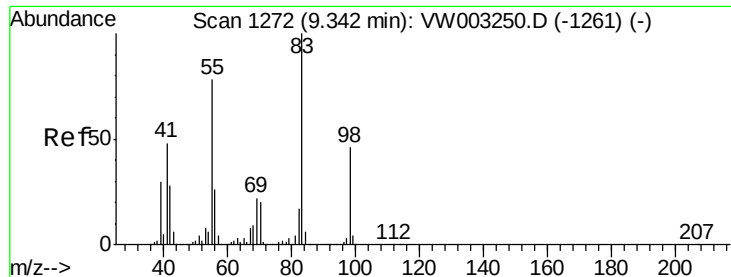
Tgt Ion: 43 Resp: 3648
 Ion Ratio Lower Upper
 43 100
 61 286.8 10.8 16.2#
 70 1.5 7.8 11.6#



#38
 Carbon Tetrachloride
 Concen: 6.016 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003538.D
 Acq: 25 Jun 2018 05:18

Tgt Ion: 117 Resp: 15564
 Ion Ratio Lower Upper
 117 100
 119 4.2 76.6 115.0#
 121 0.0 23.9 35.9#

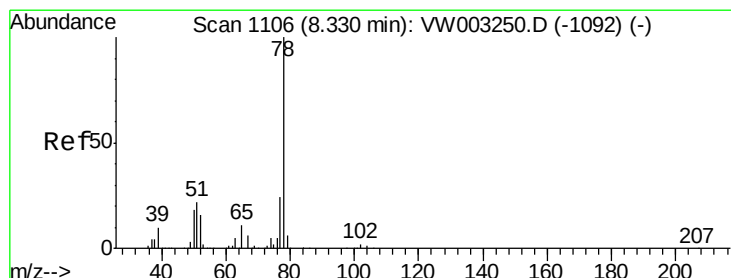
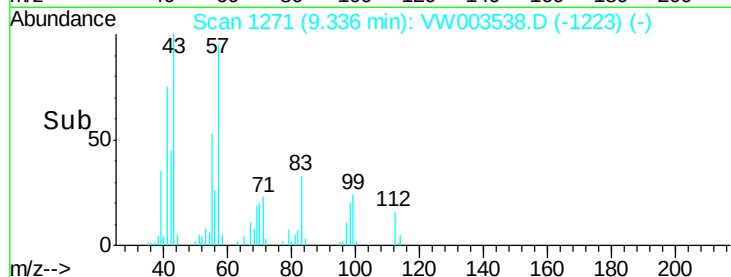
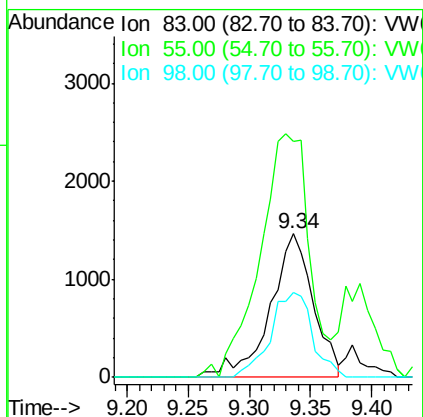
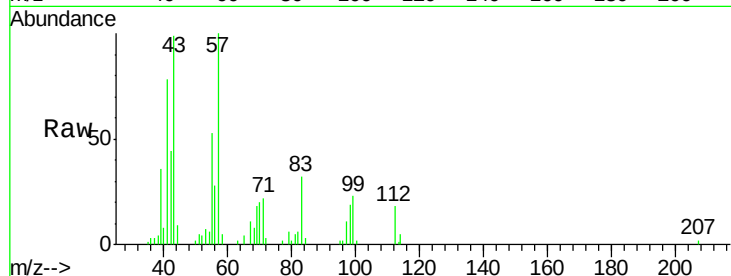




#39
Methylcyclohexane
Concen: 1.175 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

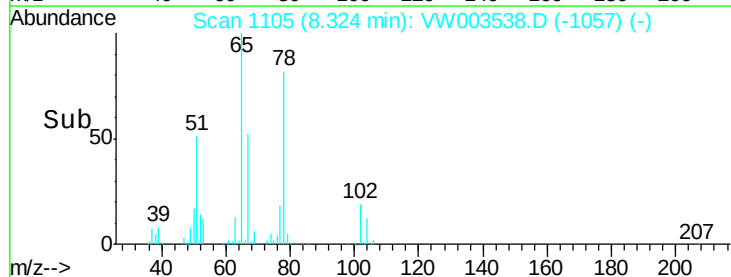
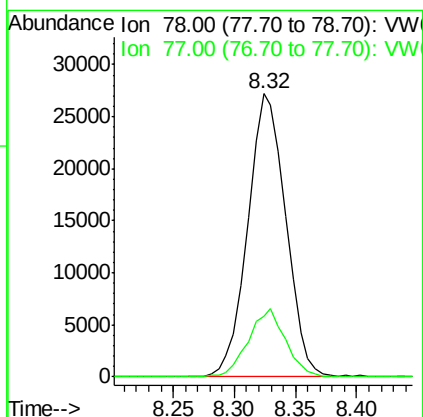
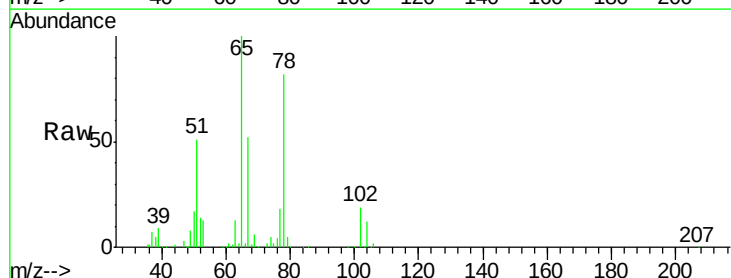
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-27-29-180620

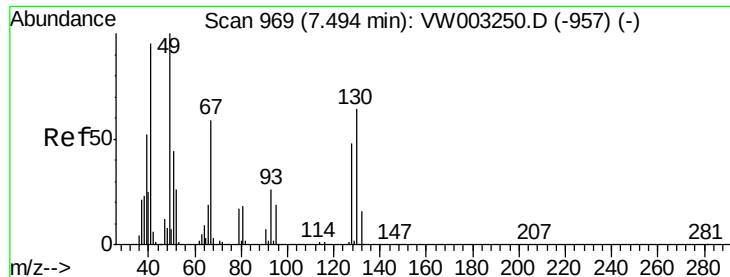
Tgt Ion: 83 Resp: 3586
Ion Ratio Lower Upper
83 100
55 164.1 62.6 93.8#
98 58.9 37.0 55.4#



#40
Benzene
Concen: 8.107 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

Tgt Ion: 78 Resp: 58942
Ion Ratio Lower Upper
78 100
77 21.4 19.0 28.6

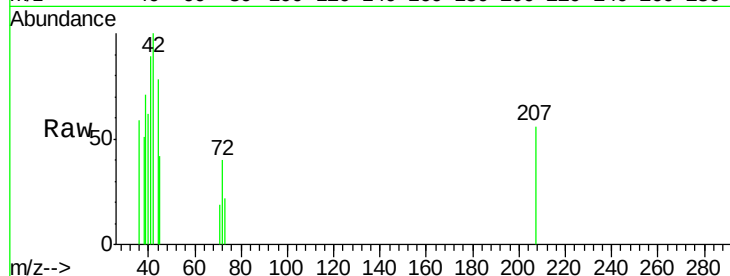




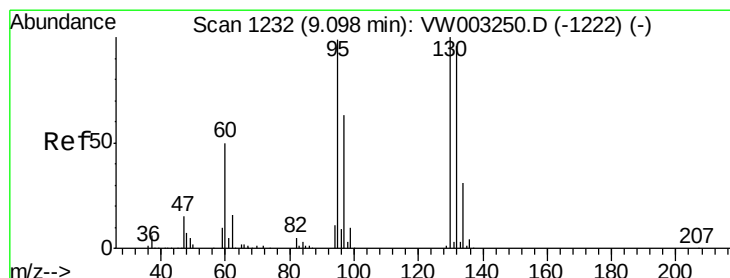
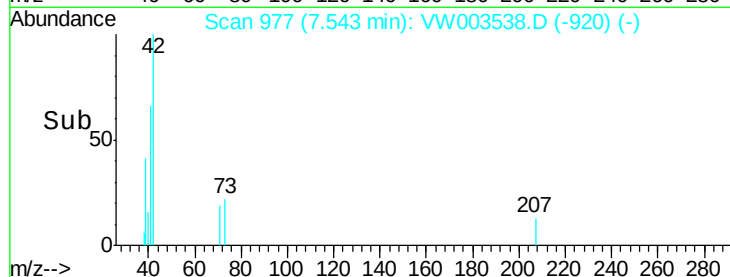
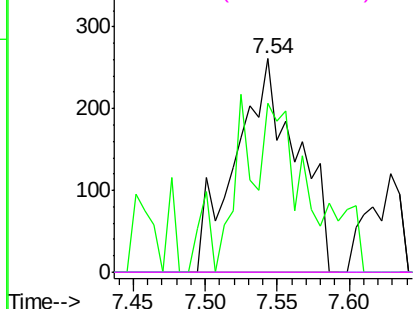
#41
Methacrylonitrile
Concen: 1.145 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.05 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-27-29-180620

Tgt Ion: 41 Resp: 768
Ion Ratio Lower Upper
41 100
39 28.6 45.8 68.8#
67 0.0 52.3 78.5#
52 0.0 24.1 36.1#

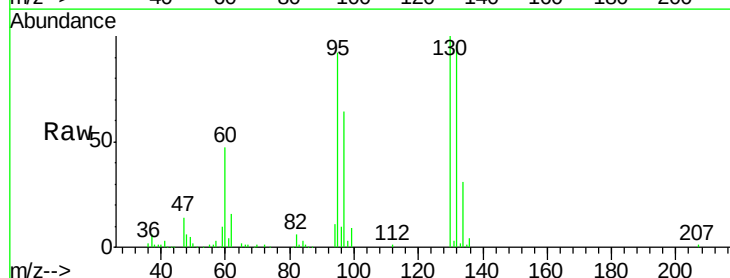


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

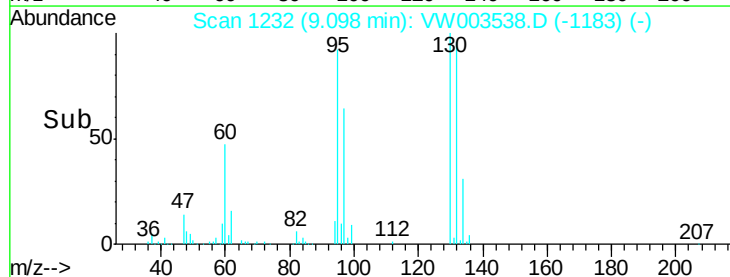
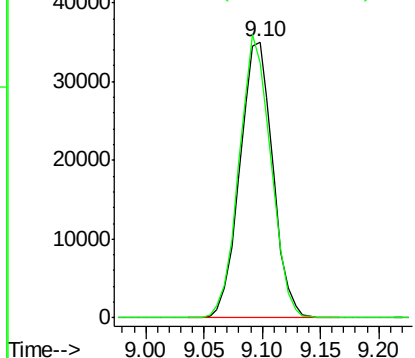


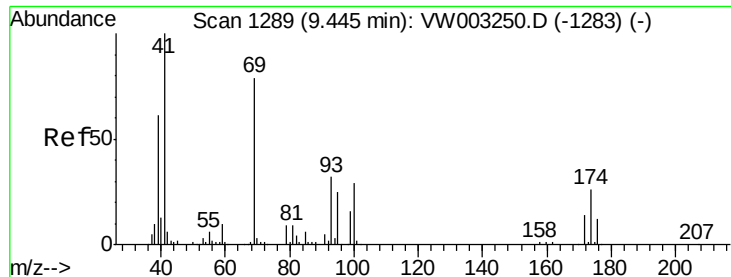
#44
Trichloroethene
Concen: 35.920 ug/l
RT: 9.10 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

Tgt Ion: 130 Resp: 69197
Ion Ratio Lower Upper
130 100
95 92.4 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

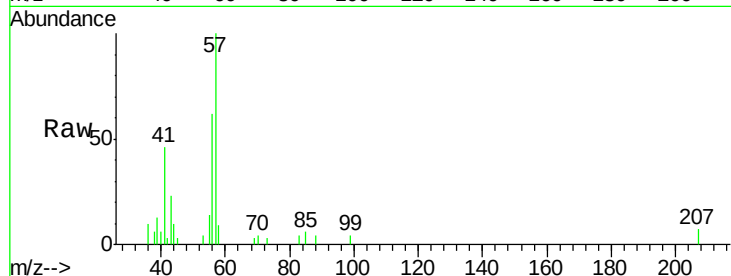




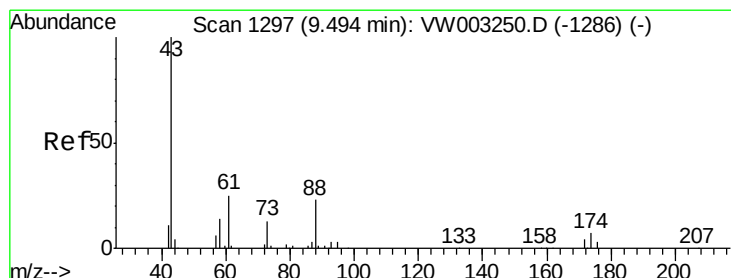
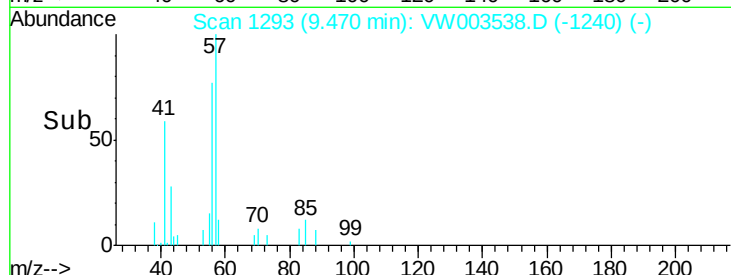
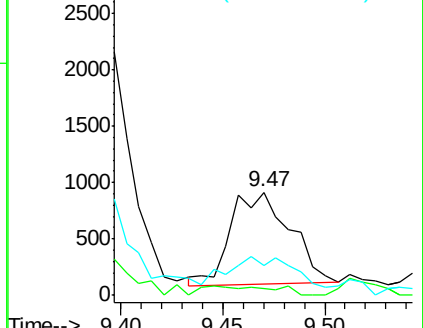
#48
Methyl methacrylate
Concen: 1.612 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. 0.02 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-27-29-180620

Tgt Ion: 41 Resp: 1644
Ion Ratio Lower Upper
41 100
69 0.0 65.4 98.2#
39 41.8 54.2 81.2#

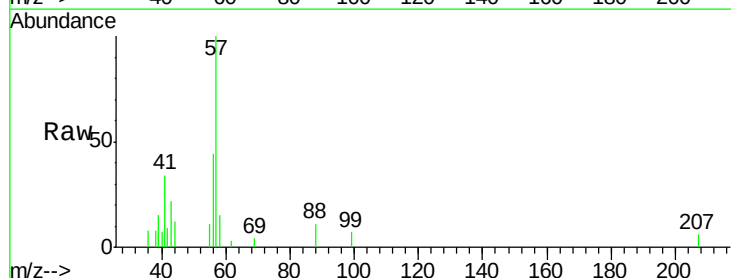


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

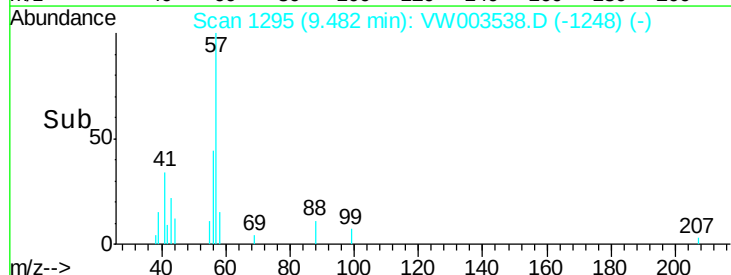
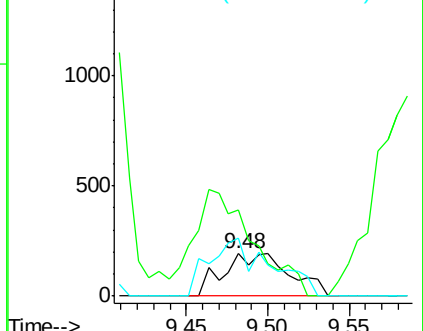


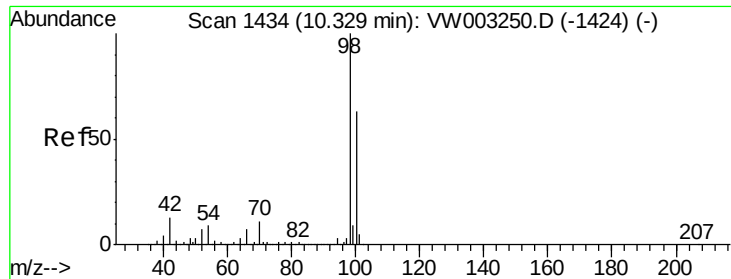
#49
1,4-Dioxane
Concen: 38.087 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. -0.01 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

Tgt Ion: 88 Resp: 545
Ion Ratio Lower Upper
88 100
43 225.9 454.7 682.1#
58 126.4 58.6 88.0#



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 54.243 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003538.D

Acq: 25 Jun 2018 05:18

Instrument :

MSVOA_W

ClientSampleId :

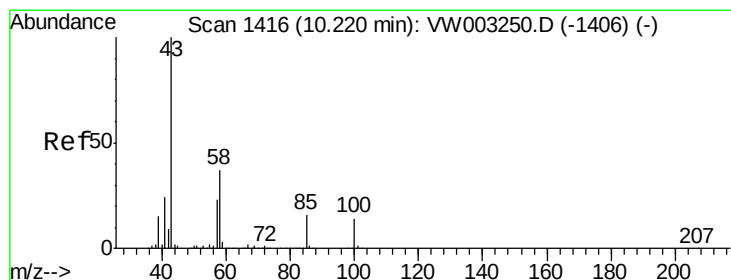
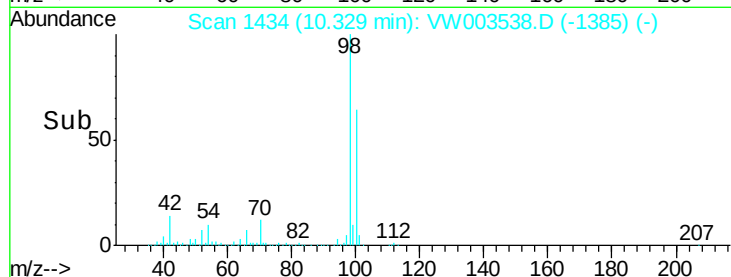
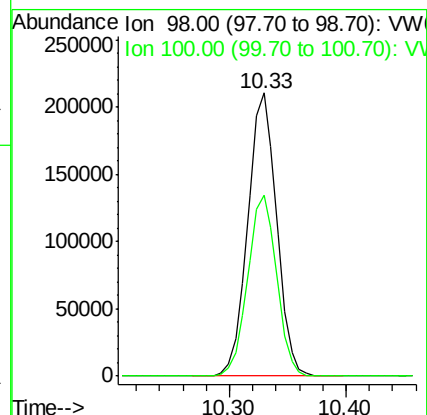
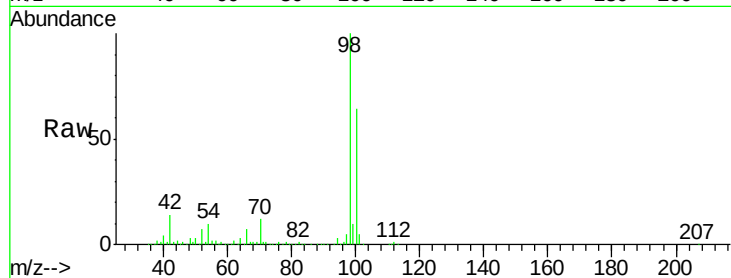
WP021SB474-27-29-180620

Tgt Ion: 98 Resp: 365002

Ion Ratio Lower Upper

98 100

100 64.0 50.8 76.2



#51

4-Methyl-2-Pentanone

Concen: 7.172 ug/l

RT: 10.26 min Scan# 1422

Delta R.T. 0.04 min

Lab File: VW003538.D

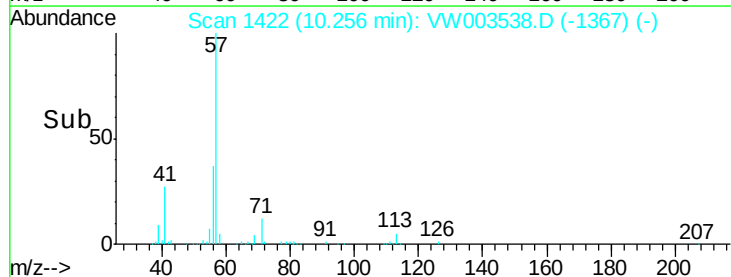
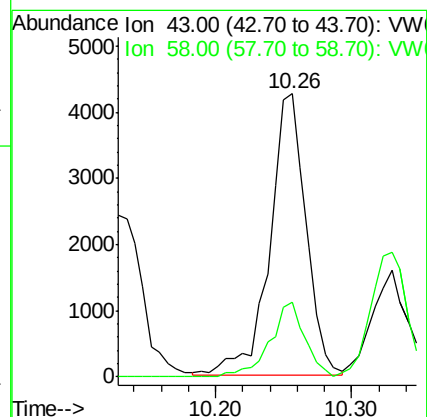
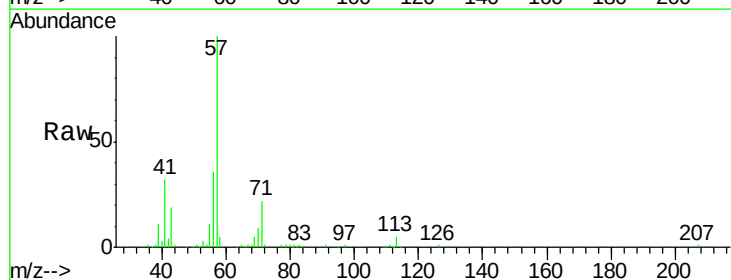
Acq: 25 Jun 2018 05:18

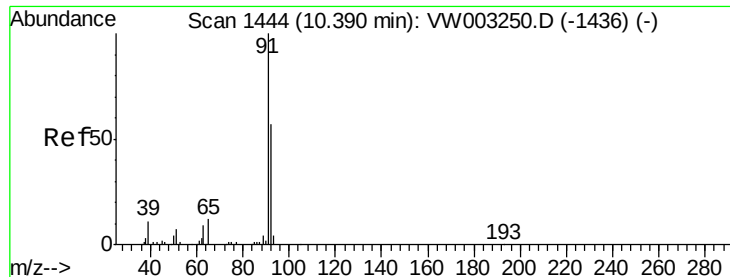
Tgt Ion: 43 Resp: 7929

Ion Ratio Lower Upper

43 100

58 25.4 29.0 43.4#





#52

Toluene

Concen: 1.976 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003538.D

Acq: 25 Jun 2018 05:18

Instrument :

MSVOA_W

ClientSampleId :

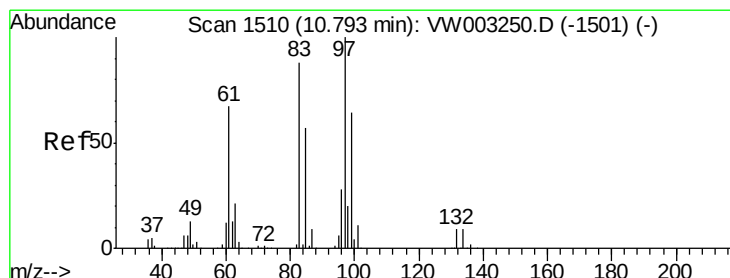
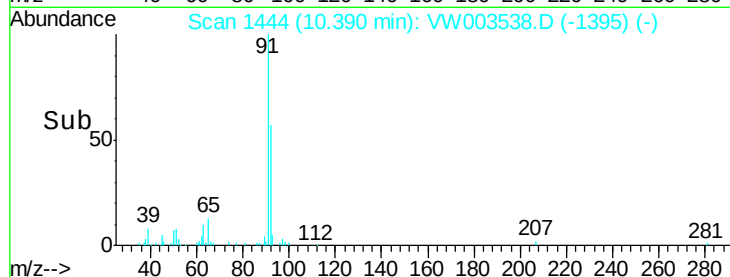
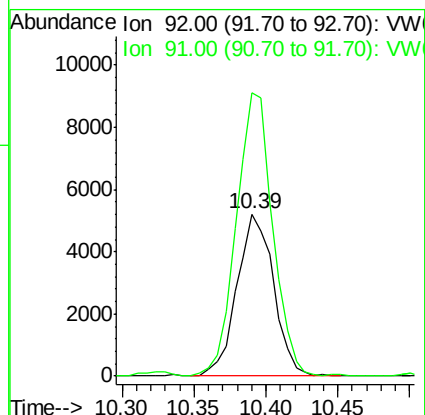
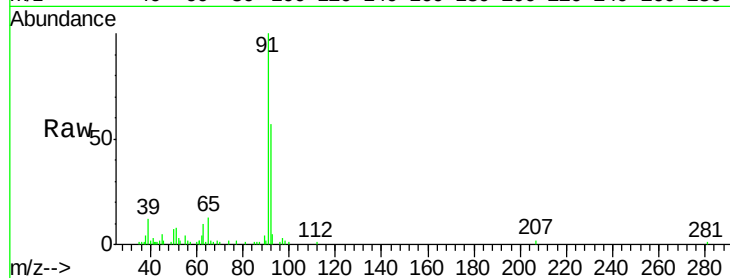
WP021SB474-27-29-180620

Tgt Ion: 92 Resp: 9213

Ion Ratio Lower Upper

92 100

91 173.5 141.1 211.7



#55

1,1,2-Trichloroethane

Concen: 3.416 ug/l

RT: 10.77 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VW003538.D

Acq: 25 Jun 2018 05:18

Tgt Ion: 97 Resp: 4562

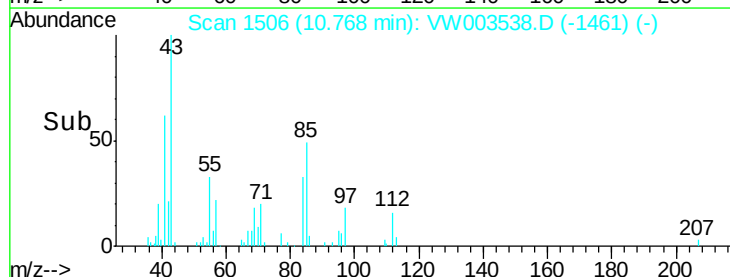
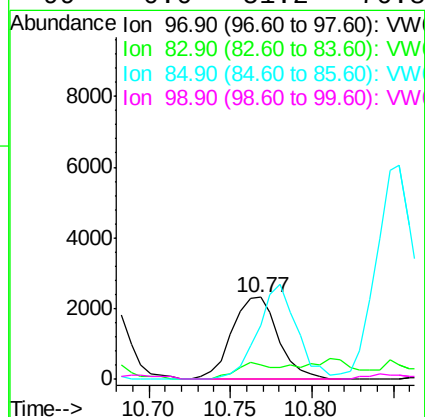
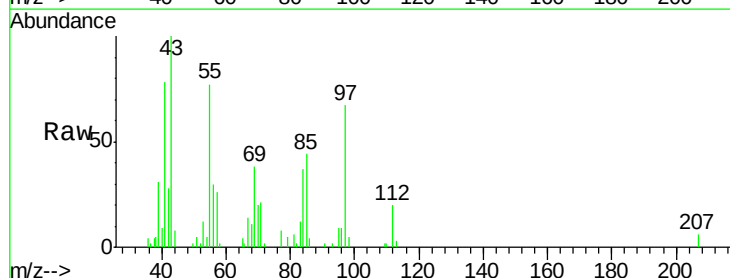
Ion Ratio Lower Upper

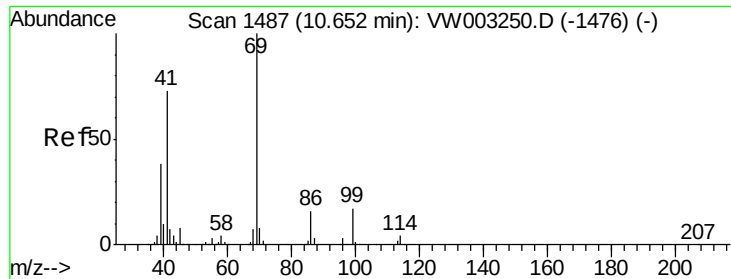
97 100

83 17.8 70.2 105.2#

85 65.7 45.6 68.4

99 0.0 51.2 76.8#

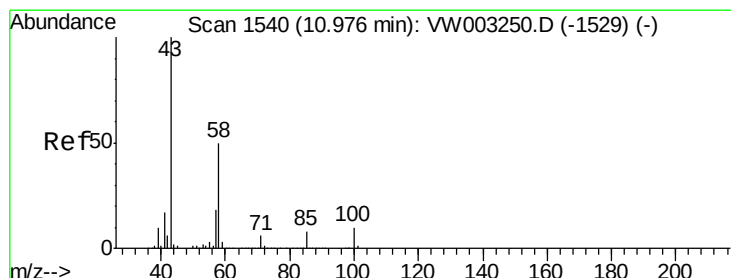
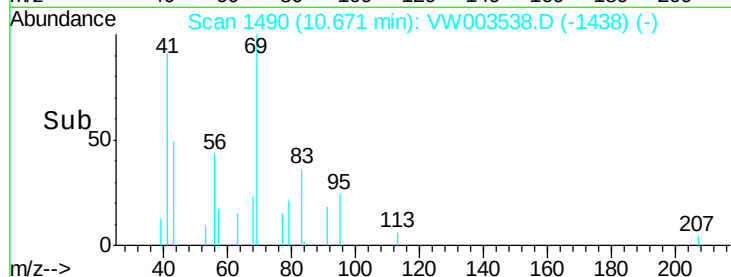
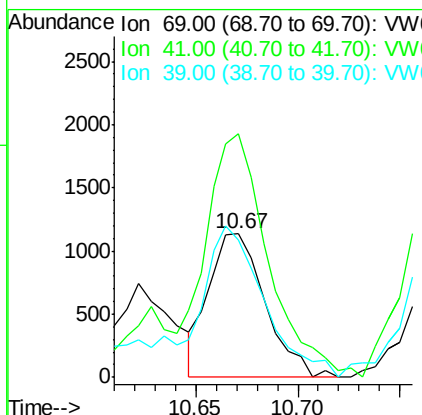
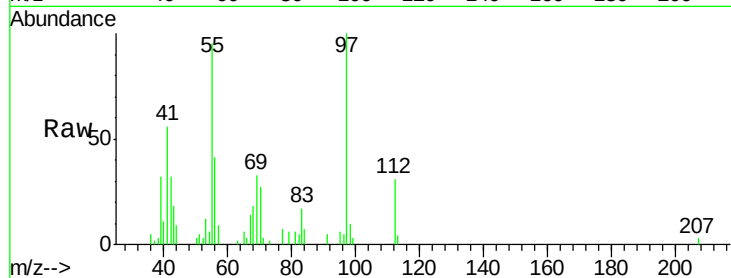




#56
Ethyl methacrylate
Concen: 1.340 ug/l
RT: 10.67 min Scan# 1490
Delta R.T. 0.02 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

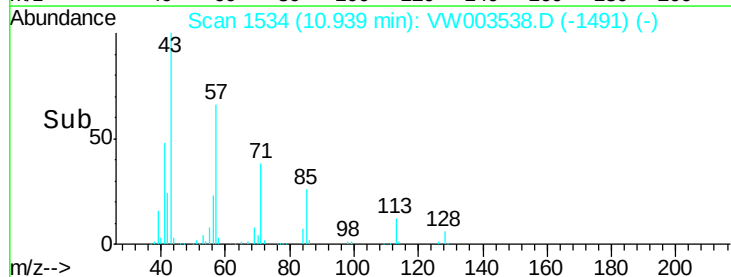
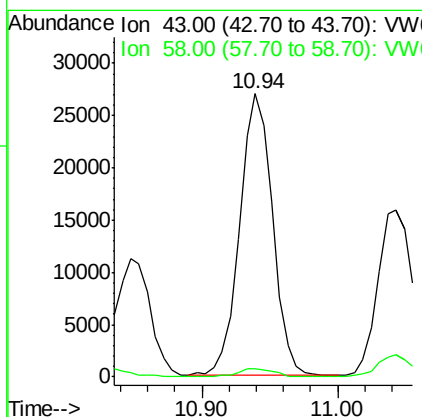
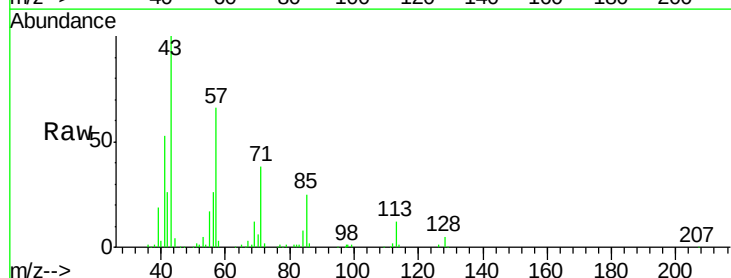
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-27-29-180620

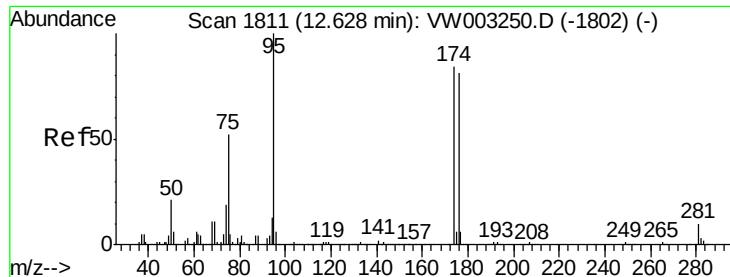
Tgt Ion: 69 Resp: 2173
Ion Ratio Lower Upper
69 100
41 188.9 57.8 86.6#
39 112.2 32.7 49.1#



#59
2-Hexanone
Concen: 58.833 ug/l
RT: 10.94 min Scan# 1534
Delta R.T. -0.04 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

Tgt Ion: 43 Resp: 45438
Ion Ratio Lower Upper
43 100
58 3.3 25.0 75.0#

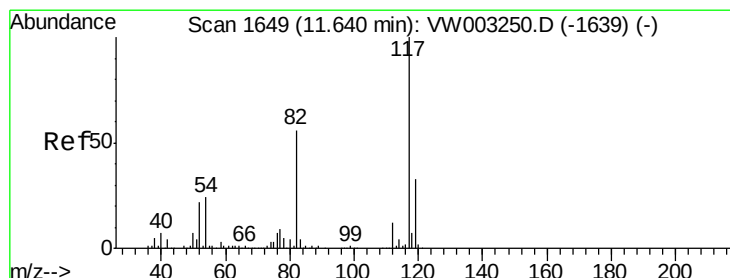
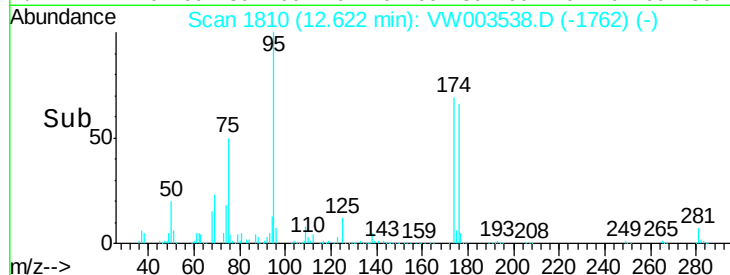
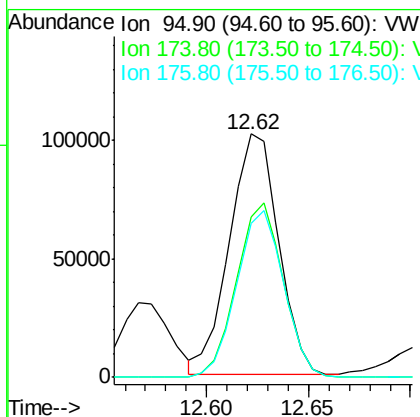
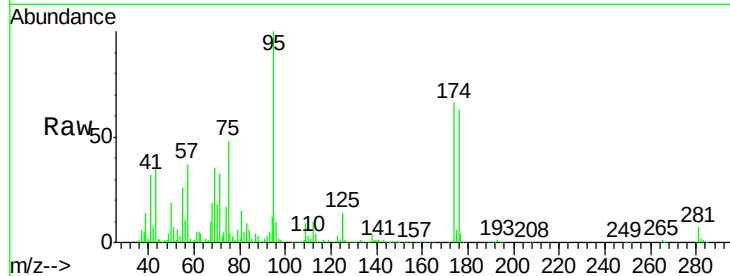




#62
4-Bromofluorobenzene
Concen: 70.923 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

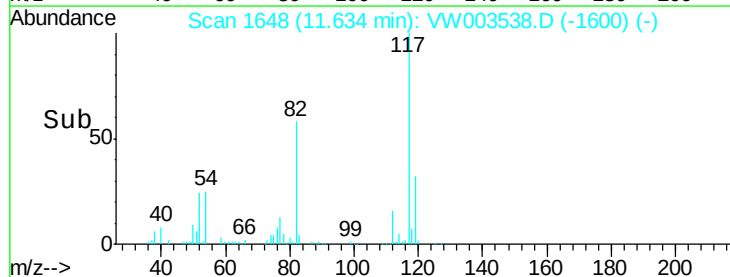
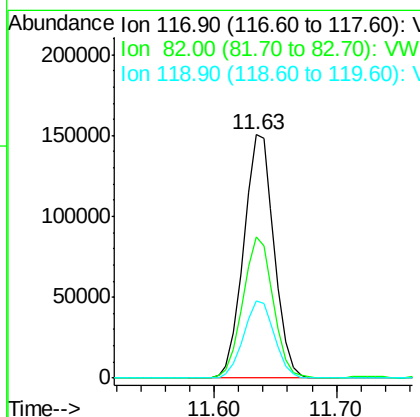
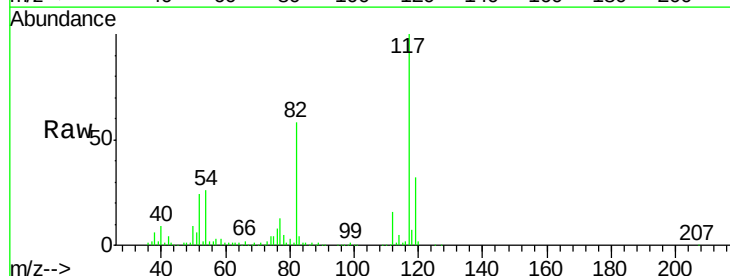
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-27-29-180620

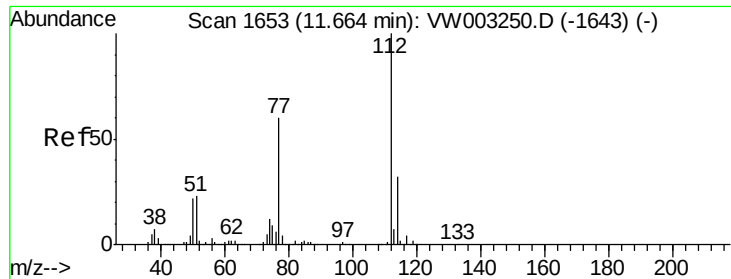
Tgt Ion: 95 Resp: 168894
Ion Ratio Lower Upper
95 100
174 69.3 0.0 166.4
176 66.9 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

Tgt Ion: 117 Resp: 258300
Ion Ratio Lower Upper
117 100
82 58.1 44.6 67.0
119 31.6 26.7 40.1

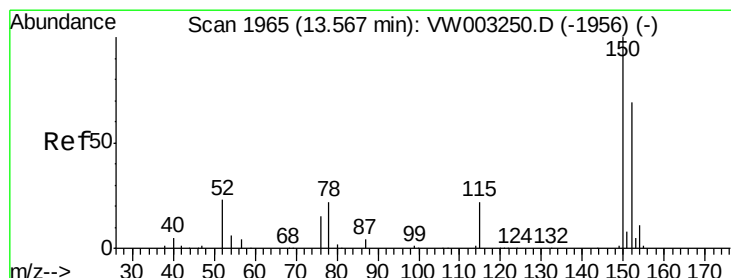
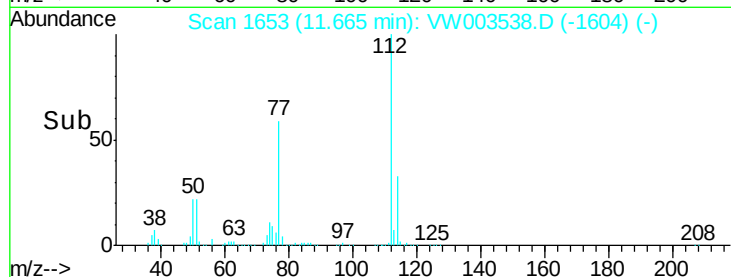
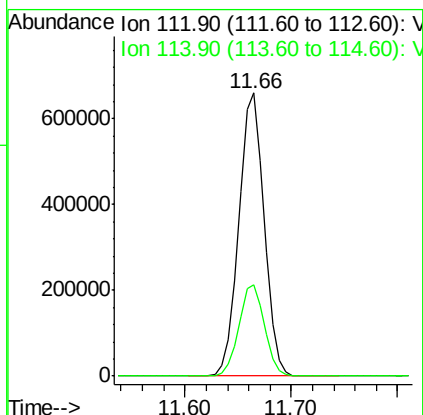
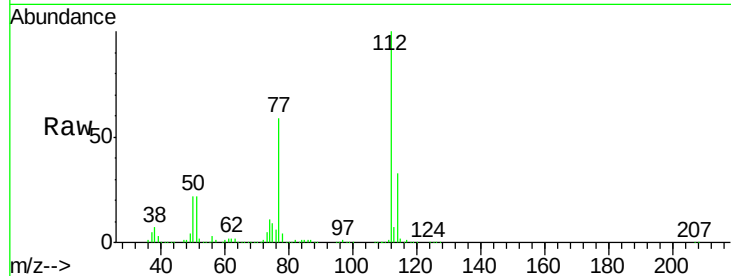




#65
Chlorobenzene
Concen: 204.839 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

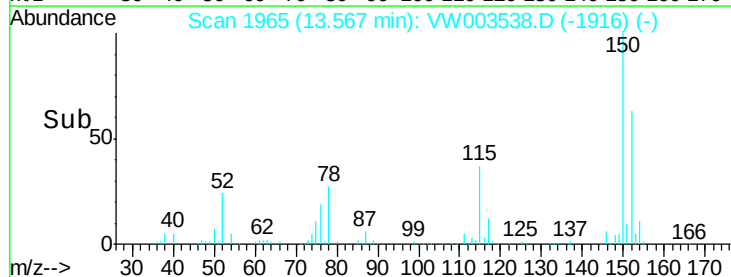
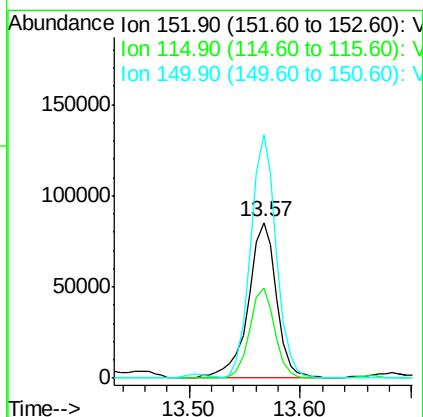
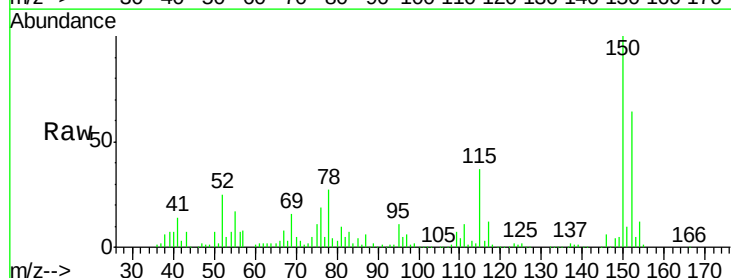
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-27-29-180620

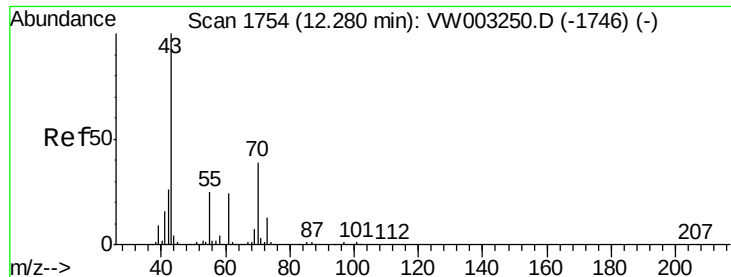
Tgt Ion:112 Resp: 1101806
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

Tgt Ion:152 Resp: 148694
Ion Ratio Lower Upper
152 100
115 51.9 29.3 88.0
150 142.4 0.0 349.6





#74

N-amyI acetate

Concen: 75.338 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW003538.D

Acq: 25 Jun 2018 05:18

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-27-29-180620

Tgt Ion: 43 Resp: 177348

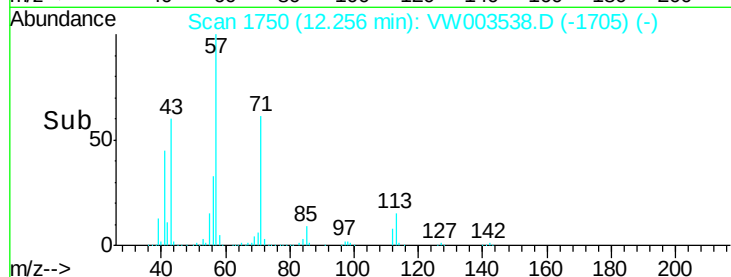
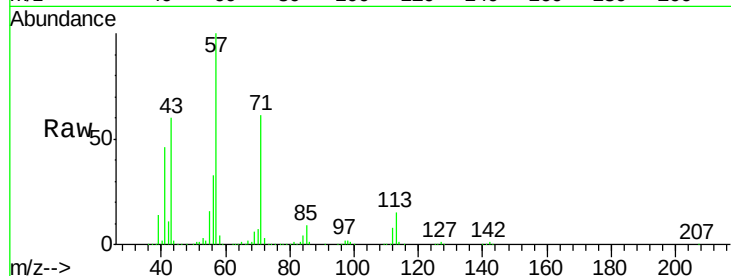
Ion Ratio Lower Upper

43 100

70 18.0 31.0 46.6#

55 0.0 19.7 29.5#

61 0.0 18.1 27.1#

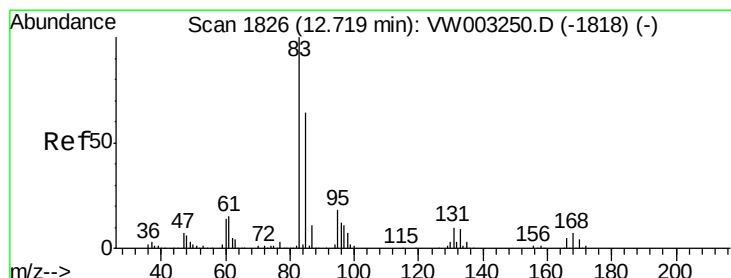
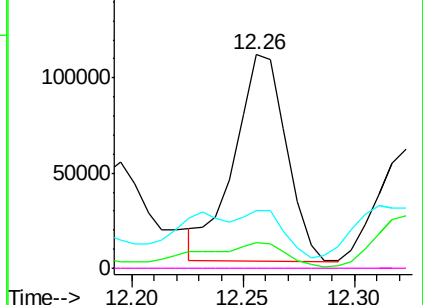


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 7.798 ug/l

RT: 12.69 min Scan# 1822

Delta R.T. -0.02 min

Lab File: VW003538.D

Acq: 25 Jun 2018 05:18

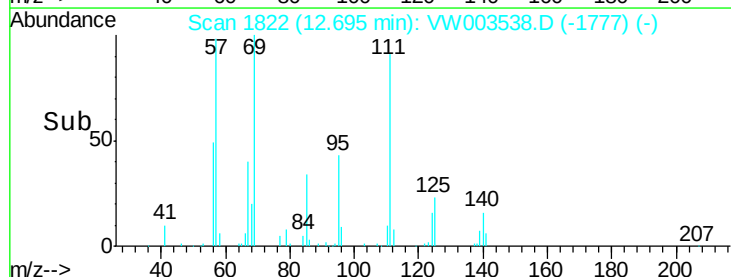
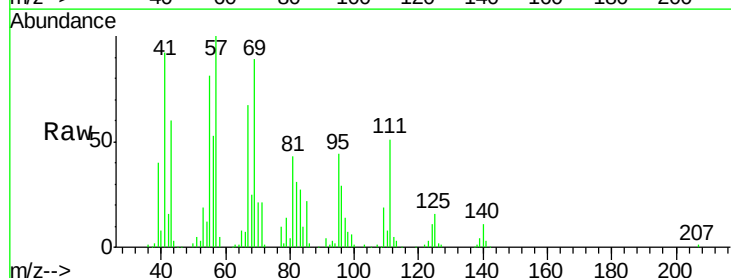
Tgt Ion: 83 Resp: 13644

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

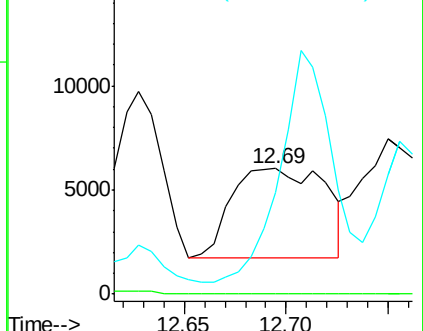
85 145.7 31.9 95.7#

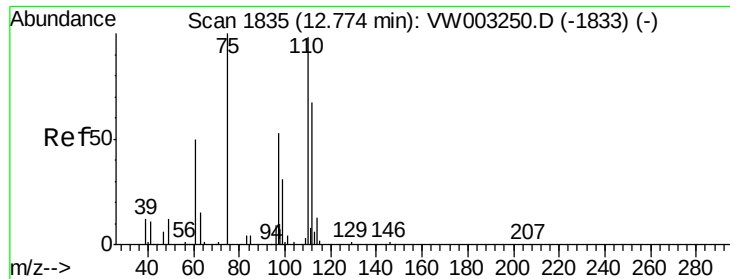


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#76

1,2,3-Trichloropropane

Concen: 61.876 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003538.D

Acq: 25 Jun 2018 05:18

Instrument :

MSVOA_W

ClientSampleId :

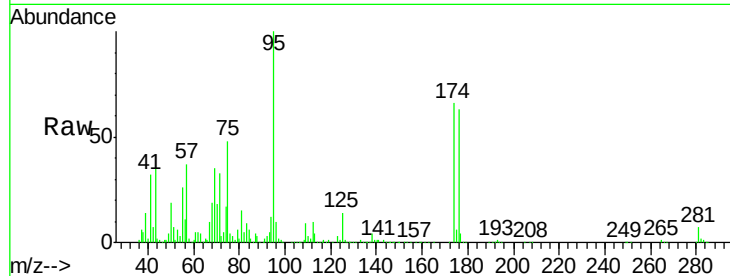
WP021SB474-27-29-180620

Tgt Ion: 75 Resp: 78654

Ion Ratio Lower Upper

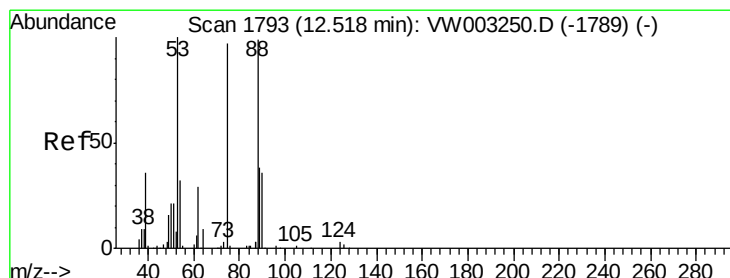
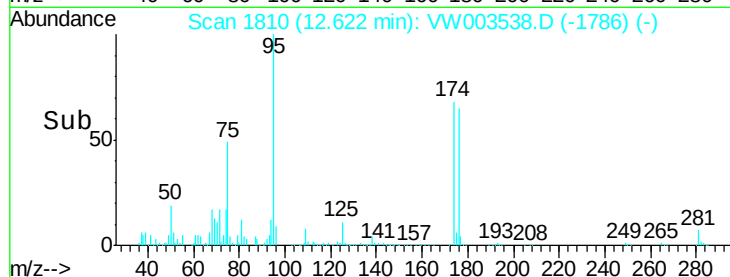
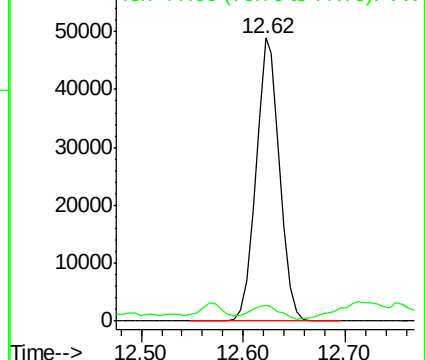
75 100

77 5.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 142.379 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003538.D

Acq: 25 Jun 2018 05:18

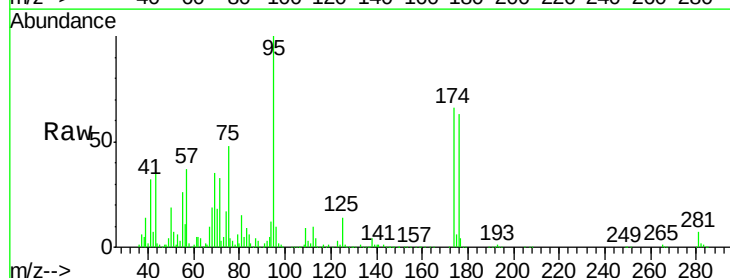
Tgt Ion: 75 Resp: 78654

Ion Ratio Lower Upper

75 100

53 13.6 82.9 124.3#

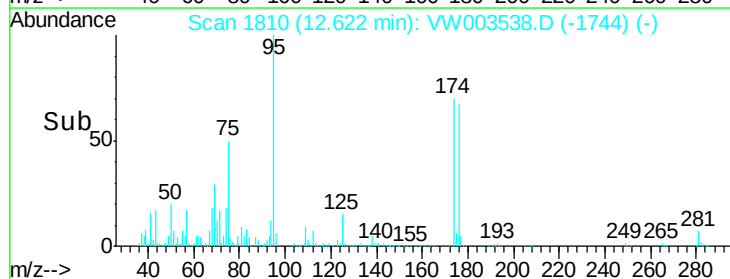
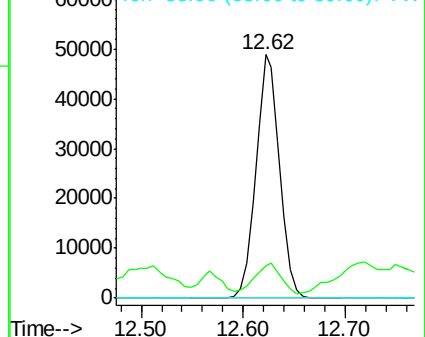
89 0.1 36.7 55.1#

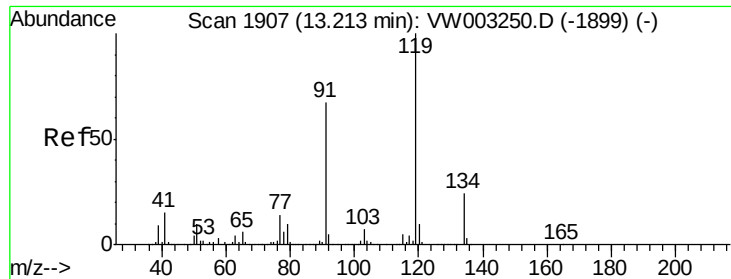


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

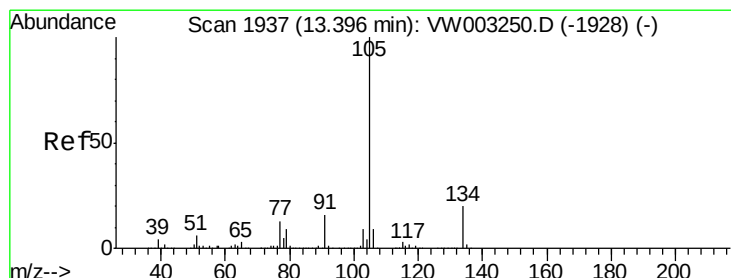
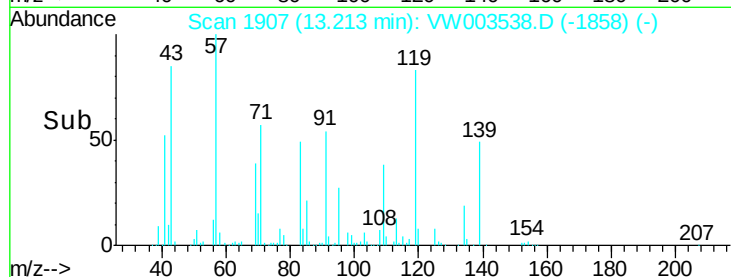
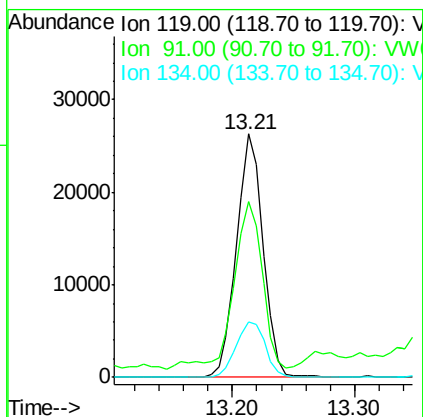
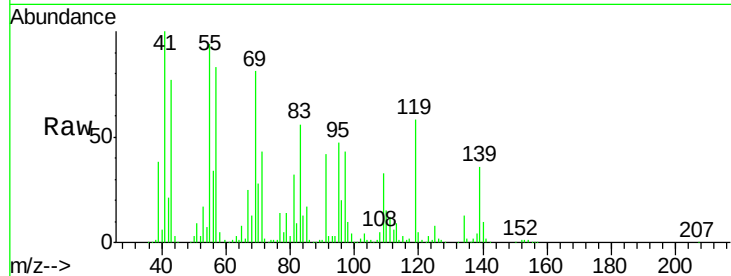




#83
tert-Butylbenzene
Concen: 5.345 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

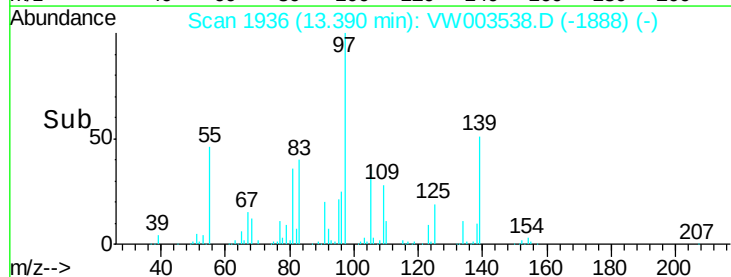
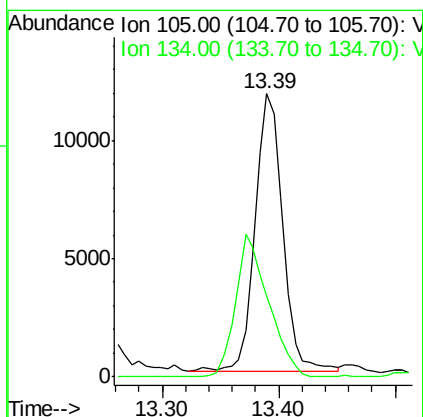
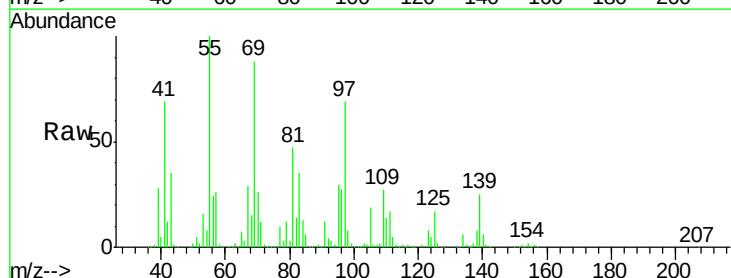
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-27-29-180620

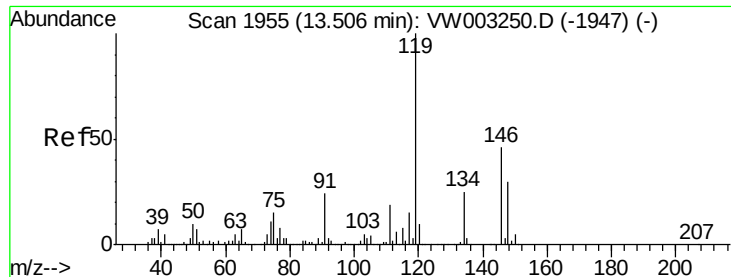
Tgt Ion:119 Resp: 39547
Ion Ratio Lower Upper
119 100
91 73.2 33.9 101.7
134 24.7 13.4 40.1



#85
sec-Butylbenzene
Concen: 1.783 ug/l
RT: 13.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VW003538.D
Acq: 25 Jun 2018 05:18

Tgt Ion:105 Resp: 19608
Ion Ratio Lower Upper
105 100
134 60.0 9.8 29.5#

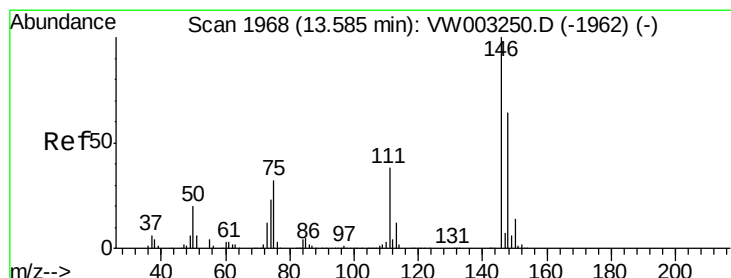
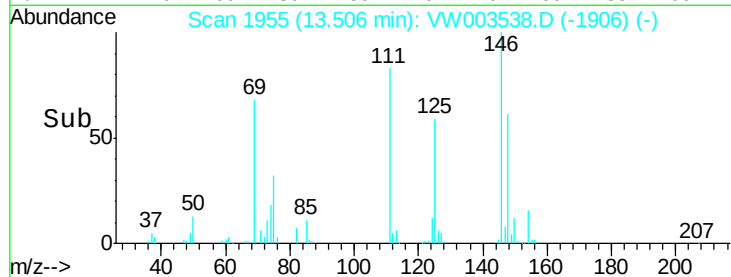
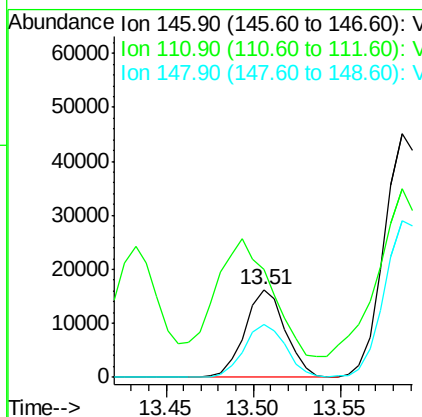
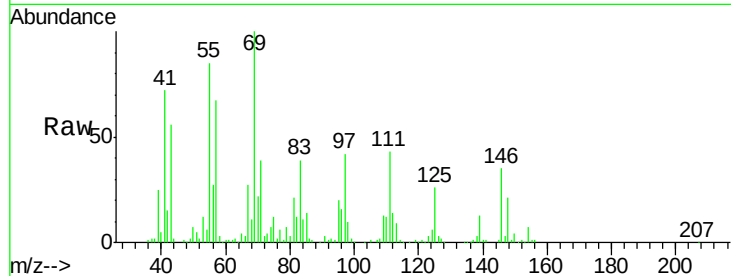




#87
 1,3-Dichlorobenzene
 Concen: 5.258 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003538.D
 Acq: 25 Jun 2018 05:18

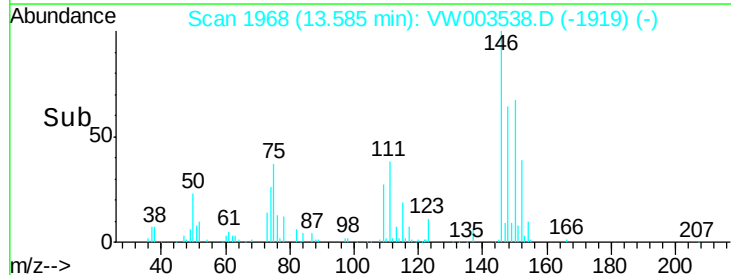
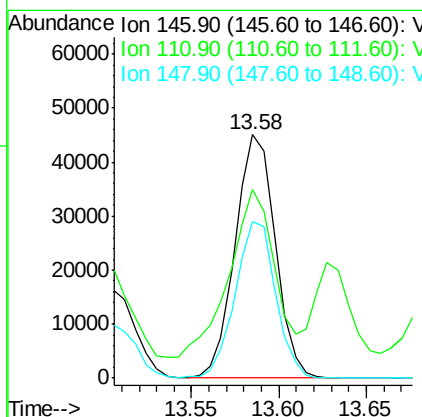
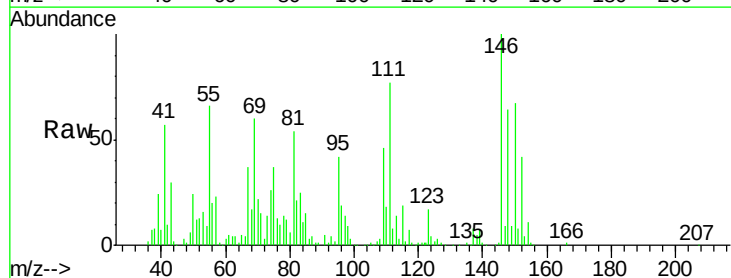
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-27-29-180620

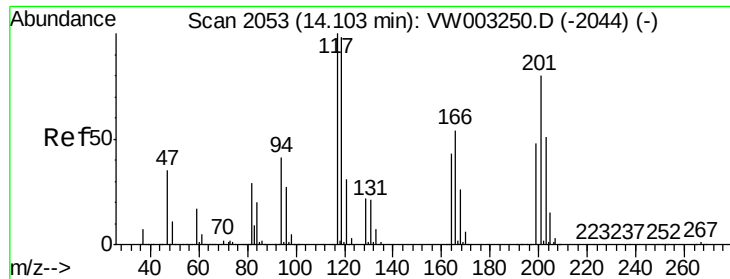
Tgt Ion:146 Resp: 26019
 Ion Ratio Lower Upper
 146 100
 111 183.3 19.8 59.4#
 148 62.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 14.638 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003538.D
 Acq: 25 Jun 2018 05:18

Tgt Ion:146 Resp: 72005
 Ion Ratio Lower Upper
 146 100
 111 80.3 19.2 57.6#
 148 64.9 31.8 95.4





#90

Hexachloroethane

Concen: 1.038 ug/l

RT: 14.09 min Scan# 2051

Delta R.T. -0.01 min

Lab File: VW003538.D

Acq: 25 Jun 2018 05:18

Instrument :

MSVOA_W

ClientSampleId :

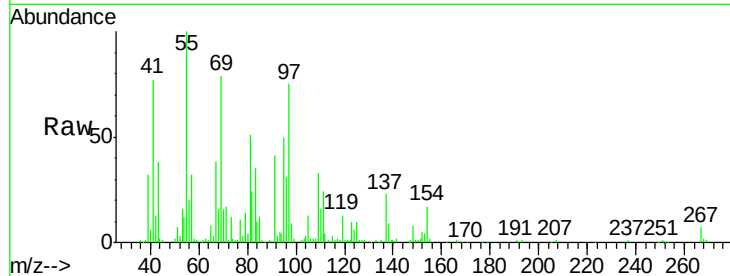
WP021SB474-27-29-180620

Tgt Ion:117 Resp: 1821

Ion Ratio Lower Upper

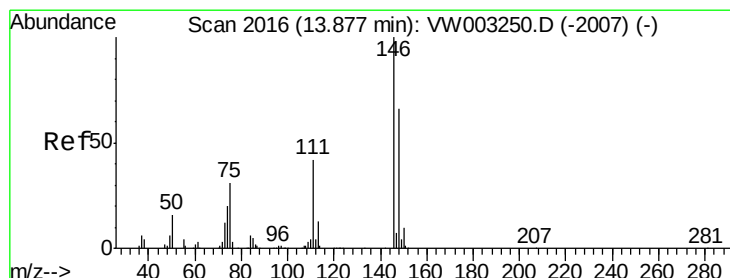
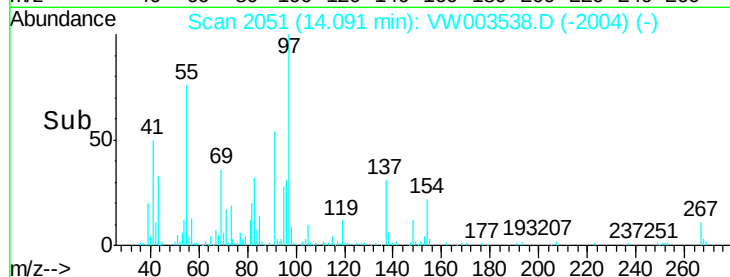
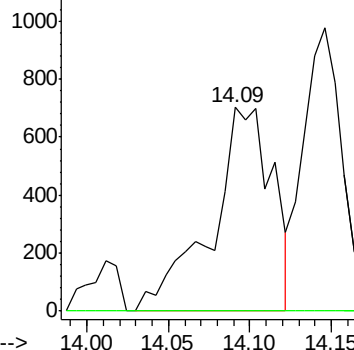
117 100

201 0.0 39.5 118.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 41.335 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW003538.D

Acq: 25 Jun 2018 05:18

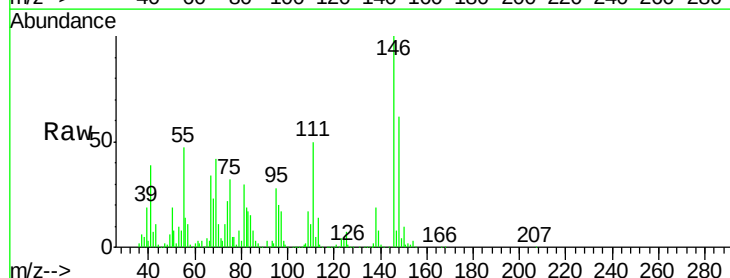
Tgt Ion:146 Resp: 179157

Ion Ratio Lower Upper

146 100

111 56.6 20.3 61.0

148 64.2 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

