

Data File : VW003525.D
Acq On : 24 Jun 2018 21:32
Operator : SY/AP
Sample : J3669-27
Misc : 6.01G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-25-27-180620

Quant Time: Jun 24 23:33:00 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	162261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	288842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	270802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	184451	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	115272	65.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.18%	
35) Dibromofluoromethane	7.88	113	98766	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	
50) Toluene-d8	10.33	98	362860	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.62	95	226691	90.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	180.02%	

Target Compounds

						Qvalue
4) Vinyl Chloride	2.36	62	39711	21.978	ug/l	97
11) Tert butyl alcohol	5.22	59	802	8.509	ug/l	99
16) Acetone	4.15	43	68578	186.046	ug/l	100
18) Methyl Acetate	4.68	43	2702	3.090	ug/l #	70
20) Methylene Chloride	4.91	84	22731	11.706	ug/l	99
24) 1,1-Dichloroethane	6.22	63	5684	1.870	ug/l	96
25) 2-Butanone	7.18	43	4596	10.027	ug/l	91
27) cis-1,2-Dichloroethene	7.17	96	16989	9.674	ug/l	94
29) Tetrahydrofuran	7.55	42	828	2.956	ug/l #	71
31) Cyclohexane	7.95	56	5558	1.957	ug/l #	41
36) 1,1-Dichloropropene	7.95	75	13879	4.976	ug/l #	50
37) Ethyl Acetate	7.18	43	4596	3.977	ug/l #	1
38) Carbon Tetrachloride	7.95	117	16466	6.018	ug/l #	16
39) Methylcyclohexane	9.34	83	25485	7.896	ug/l #	73
40) Benzene	8.32	78	34908	4.540	ug/l	98
41) Methacrylonitrile	7.54	41	748	1.055	ug/l #	47
43) Isopropyl Acetate	8.42	43	5159	2.248	ug/l #	53
44) Trichloroethene	9.09	130	18543	9.101	ug/l	100
48) Methyl methacrylate	9.48	41	6912	6.410	ug/l #	38
49) 1,4-Dioxane	9.49	88	199	13.149	ug/l #	1
51) 4-Methyl-2-Pentanone	10.26	43	13382	11.445	ug/l #	84
52) Toluene	10.39	92	5787	1.174	ug/l	91
55) 1,1,2-Trichloroethane	10.77	97	23318	16.510	ug/l #	30
56) Ethyl methacrylate	10.67	69	10343	6.031	ug/l #	1
59) 2-Hexanone	10.94	43	105489	129.148	ug/l #	32
65) Chlorobenzene	11.66	112	1529846	271.287	ug/l	100
74) N-amyl acetate	12.26	43	312164	106.901	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.71	83	39778	18.327	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	76377	48.437	ug/l #	100
79) 2-Chlorotoluene	12.95	91	20480	2.307	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.62	75	76377	111.455	ug/l #	33
82) 4-Chlorotoluene	12.95	91	21373	2.269	ug/l	96
83) tert-Butylbenzene	13.21	119	297084	32.372	ug/l	96
84) 1,2,4-Trimethylbenzene	13.39	105	677232	61.137	ug/l #	32

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062418\
Quantitation Report (Not Reviewed)

Data File : VW003525.D
Acq On : 24 Jun 2018 21:32
Operator : SY/AP
Sample : J3669-27
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.39	105	677232	49.647	ug/l #	18
86) p-Isopropyltoluene	13.66	119	358132	29.767	ug/l	93
87) 1,3-Dichlorobenzene	13.51	146	60106	9.793	ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	154430	25.308	ug/l #	70
89) n-Butylbenzene	13.81	91	33330	2.842	ug/l #	2
90) Hexachloroethane	14.10	117	6657	3.059	ug/l #	10
91) 1,2-Dichlorobenzene	13.88	146	280362	52.145	ug/l #	83
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1394	3.817	ug/l #	8

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

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Acq On : 24 Jun 2018 21:32

Operator : SY/AP

Sample : J3669-27

Misc : 6.01G/5ML/MSVOA_W/SOIL

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ALS Vial      : 25      Sample Multiplier: 1
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Instrument :
MSVOA_W

ClientSampleId :
WP021SB474-25-27-180620

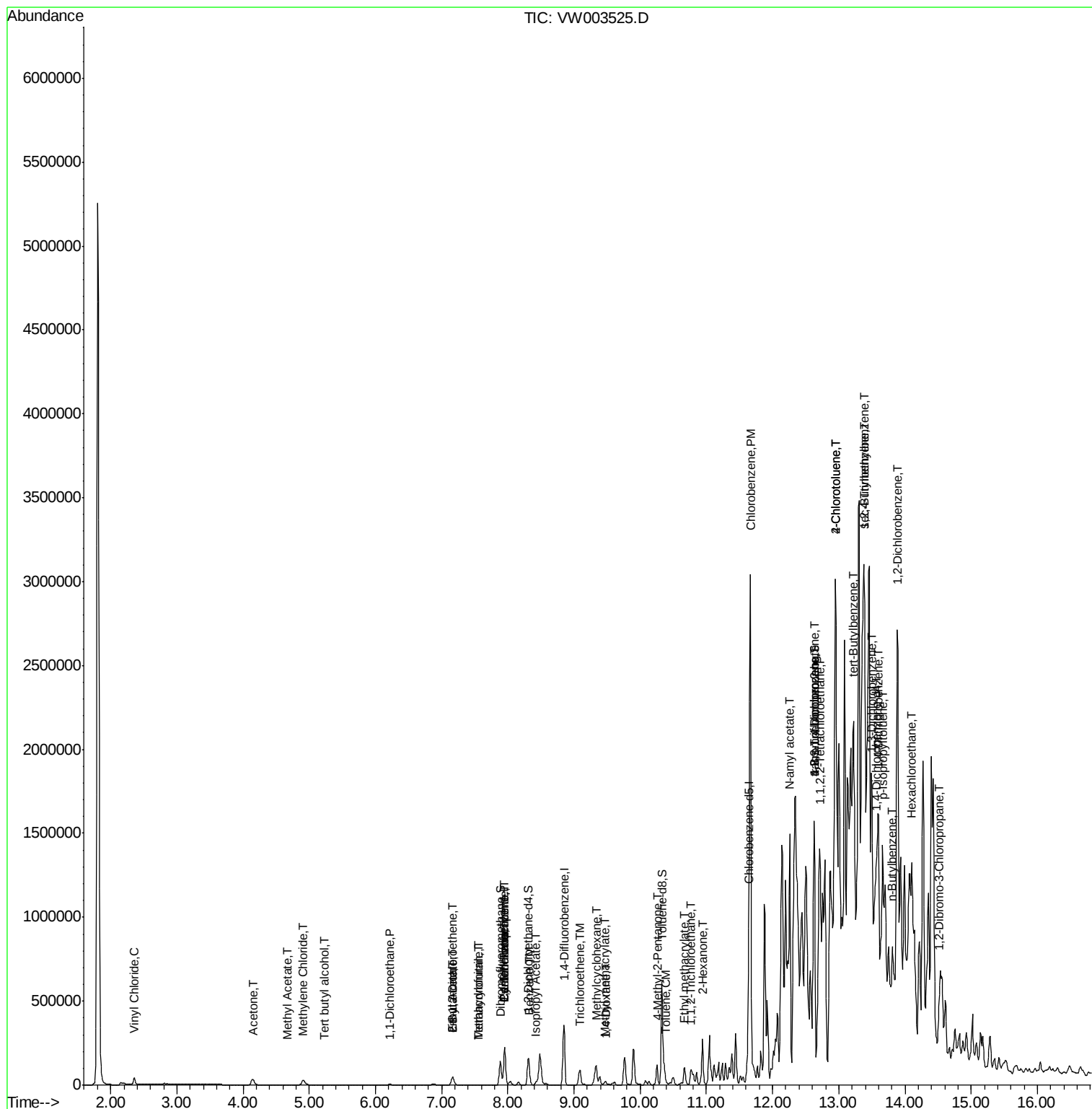
Quant Time: Jun 24 23:33:00 2018

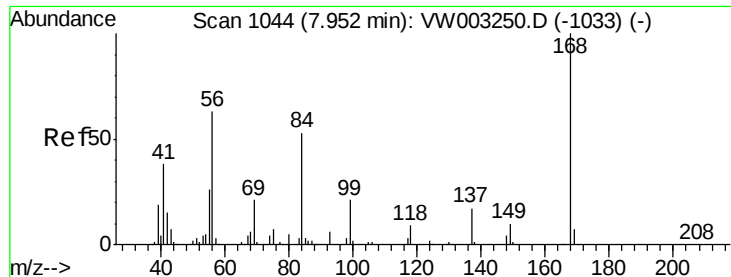
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Quant Title : SW846 8260

QLast Update : Sat Jun 16 05:18:54 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

Instrument :

MSVOA_W

ClientSampleId :

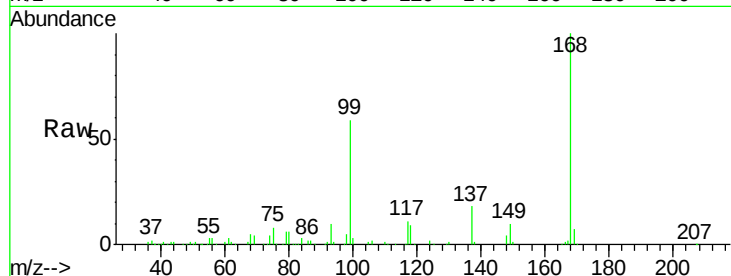
WP021SB474-25-27-180620

Tgt Ion:168 Resp: 162261

Ion Ratio Lower Upper

168 100

99 59.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

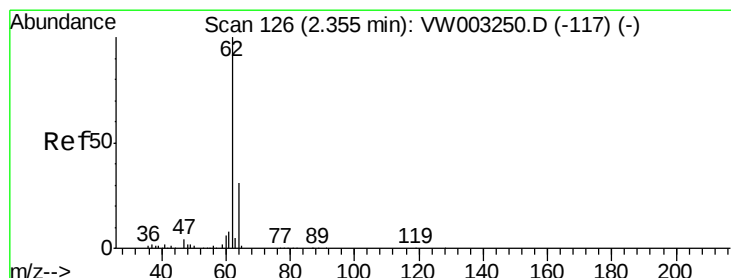
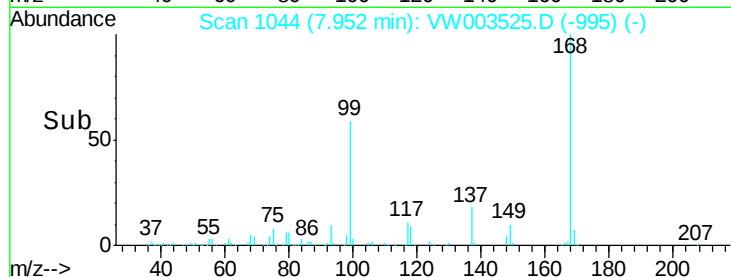
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 21.978 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003525.D

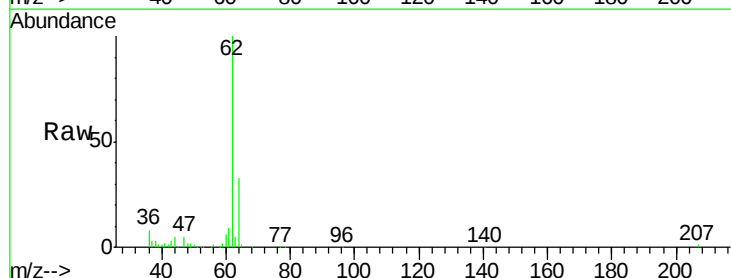
Acq: 24 Jun 2018 21:32

Tgt Ion: 62 Resp: 39711

Ion Ratio Lower Upper

62 100

64 32.9 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

25000

20000

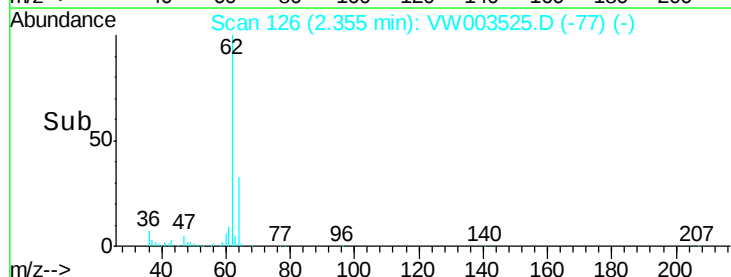
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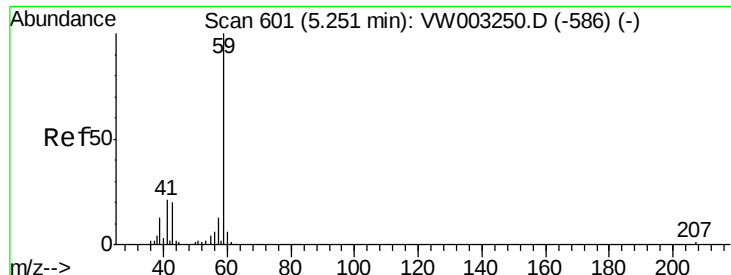
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Time-->

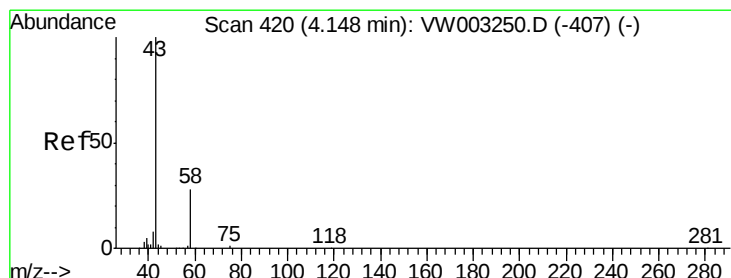
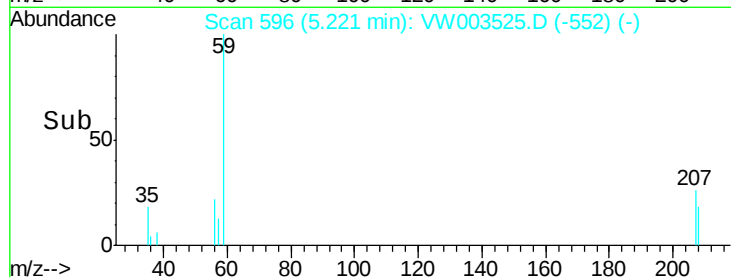
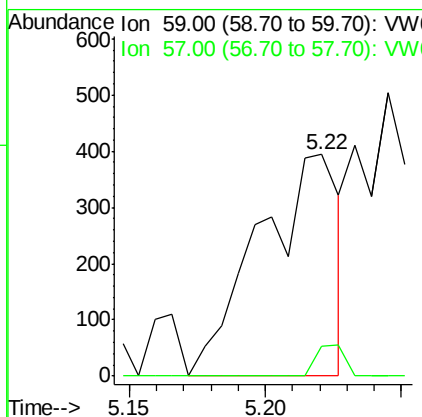
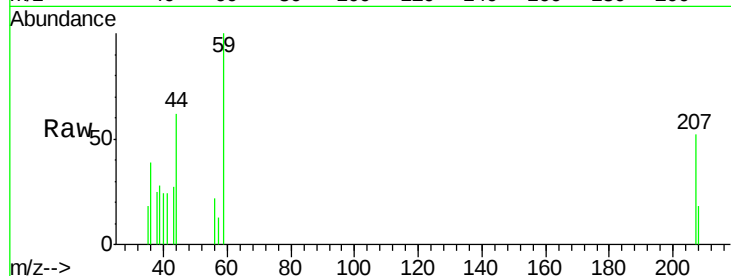




#11
Tert butyl alcohol
Concen: 8.509 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.03 min
Lab File: VW003525.D
Acq: 24 Jun 2018 21:32

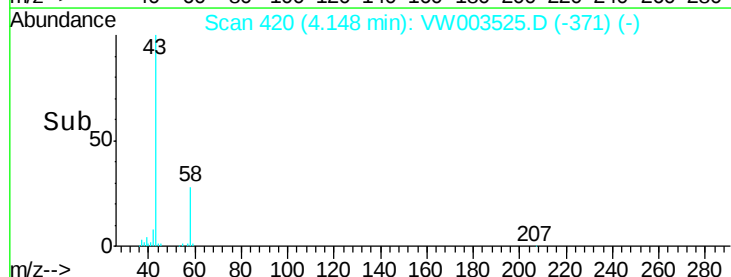
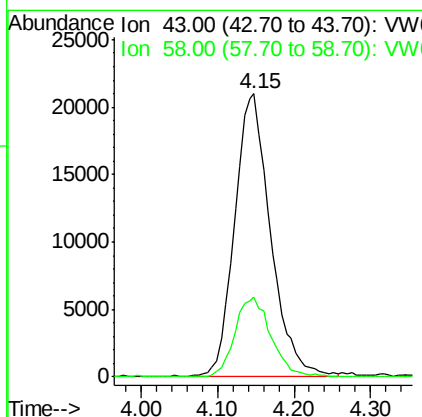
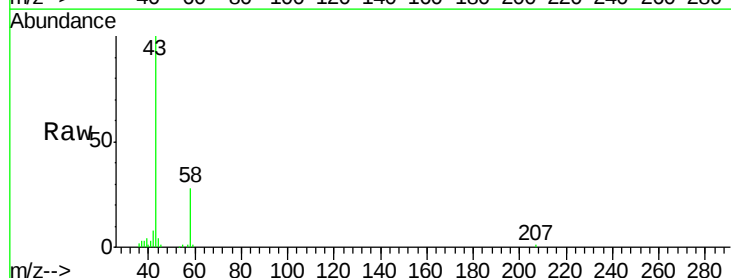
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-25-27-180620

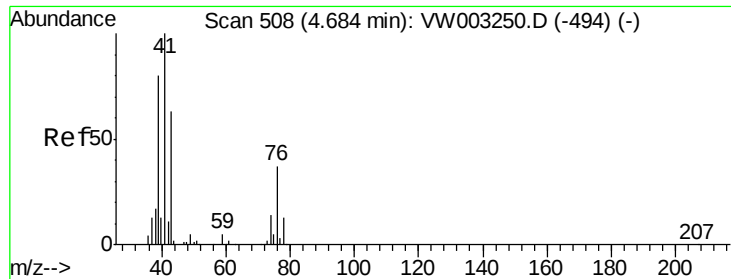
Tgt Ion: 59 Resp: 802
Ion Ratio Lower Upper
59 100
57 5.0 4.2 6.2



#16
Acetone
Concen: 186.046 ug/l
RT: 4.15 min Scan# 420
Delta R.T. 0.00 min
Lab File: VW003525.D
Acq: 24 Jun 2018 21:32

Tgt Ion: 43 Resp: 68578
Ion Ratio Lower Upper
43 100
58 28.1 22.6 34.0

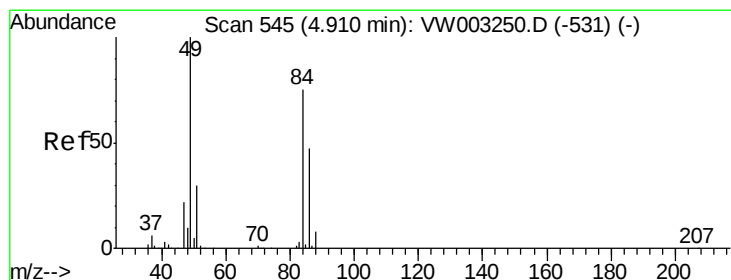
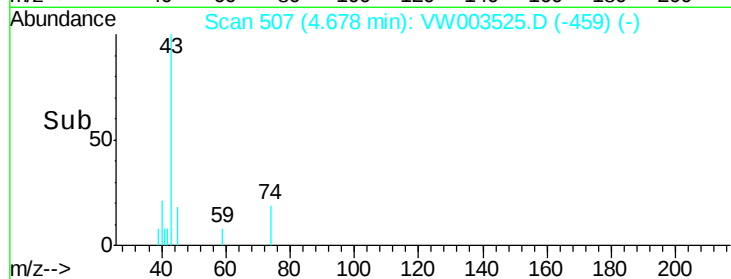
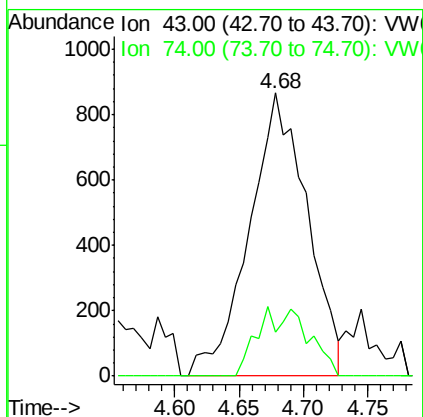
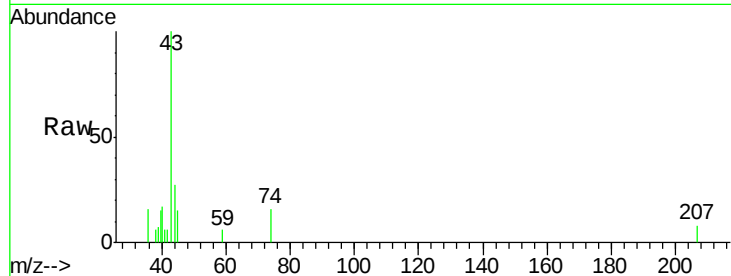




#18
Methyl Acetate
Concen: 3.090 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003525.D
Acq: 24 Jun 2018 21:32

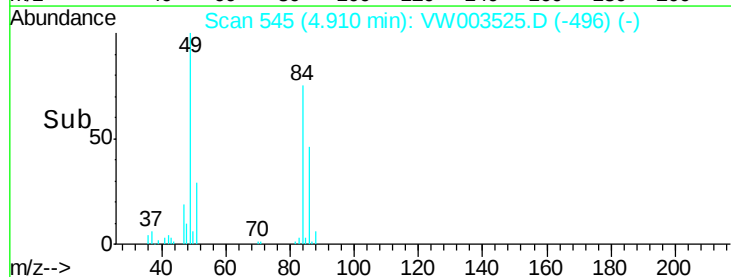
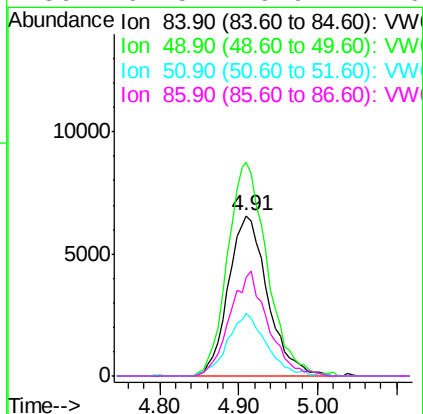
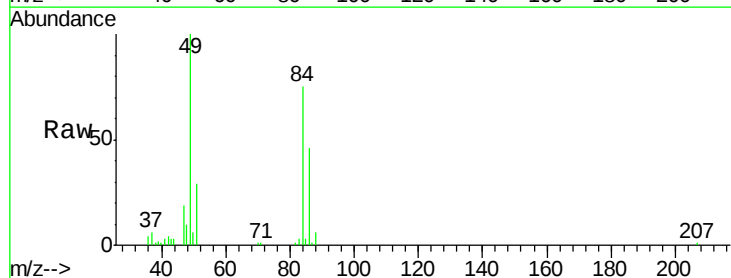
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-25-27-180620

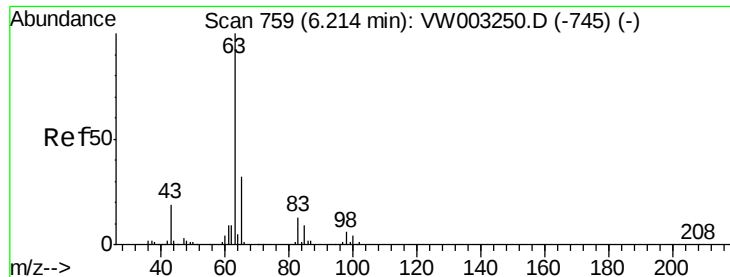
Tgt Ion: 43 Resp: 2702
Ion Ratio Lower Upper
43 100
74 8.7 18.7 28.1#



#20
Methylene Chloride
Concen: 11.706 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003525.D
Acq: 24 Jun 2018 21:32

Tgt Ion: 84 Resp: 22731
Ion Ratio Lower Upper
84 100
49 133.1 106.3 159.5
51 39.1 32.0 48.0
86 61.5 49.9 74.9





#24

1,1-Dichloroethane

Concen: 1.870 ug/l

RT: 6.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-25-27-180620

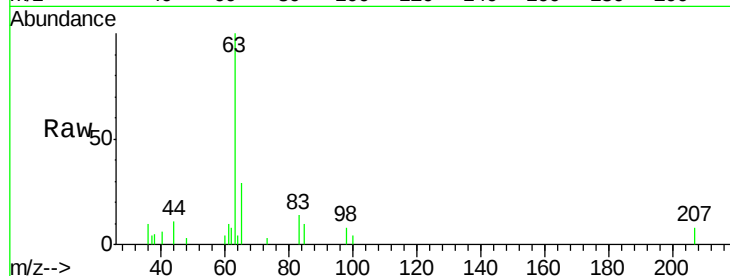
Tgt Ion: 63 Resp: 5684

Ion Ratio Lower Upper

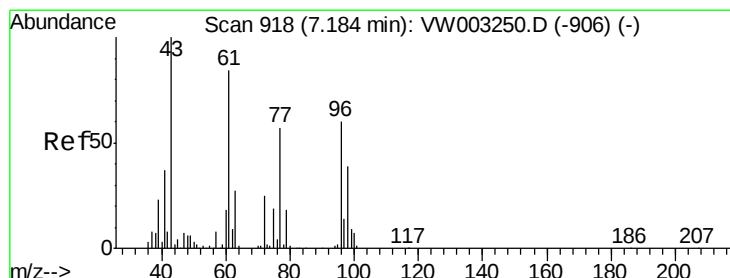
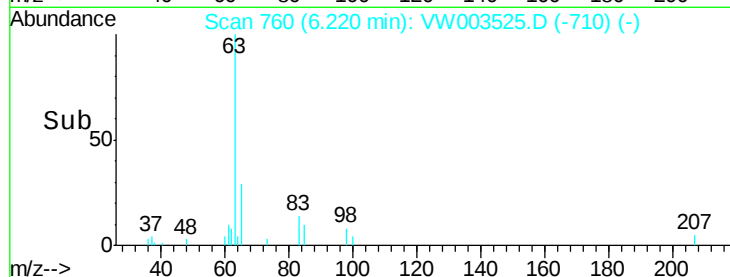
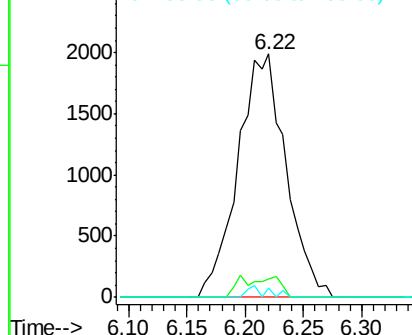
63 100

98 7.7 2.8 8.3

100 3.8 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: 10.027 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003525.D

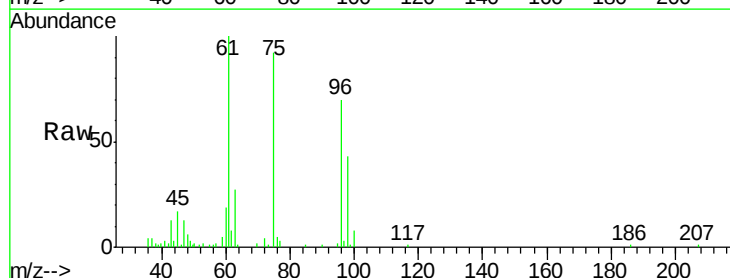
Acq: 24 Jun 2018 21:32

Tgt Ion: 43 Resp: 4596

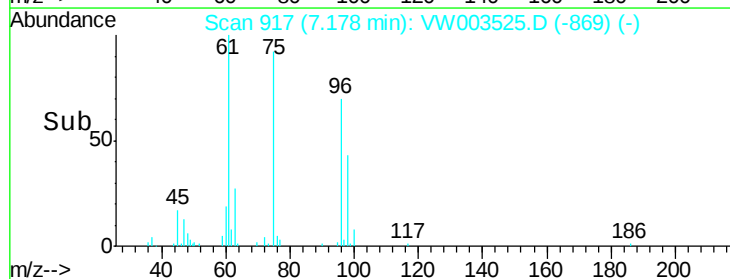
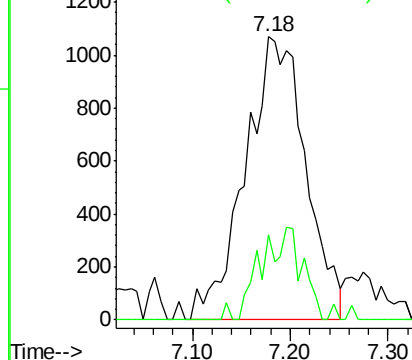
Ion Ratio Lower Upper

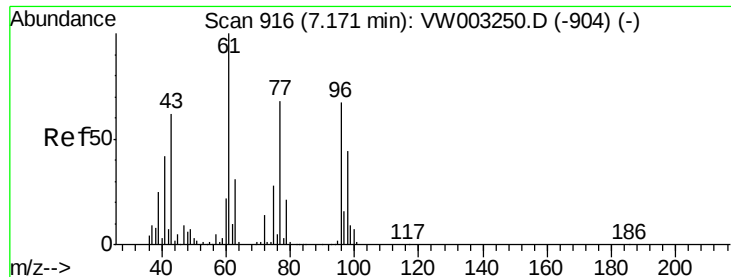
43 100

72 29.8 20.3 30.5



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



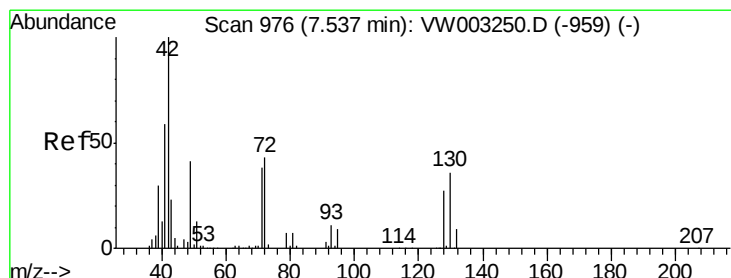
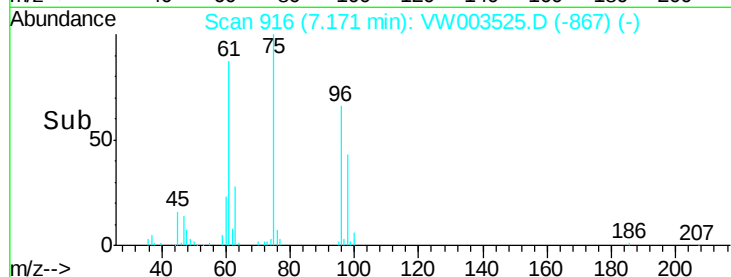
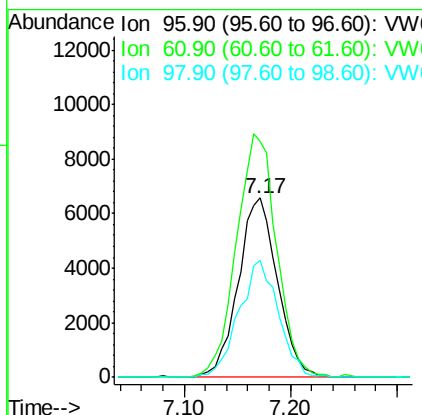
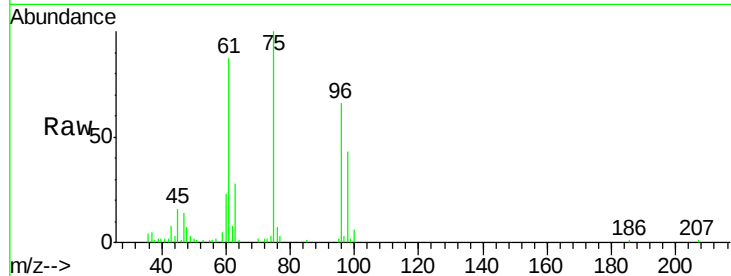


#27

cis-1,2-Dichloroethene
 Concen: 9.674 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003525.D
 Acq: 24 Jun 2018 21:32

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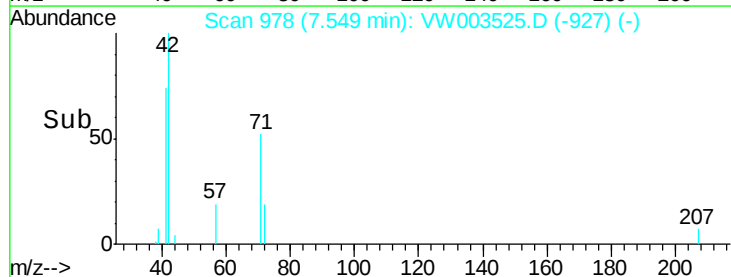
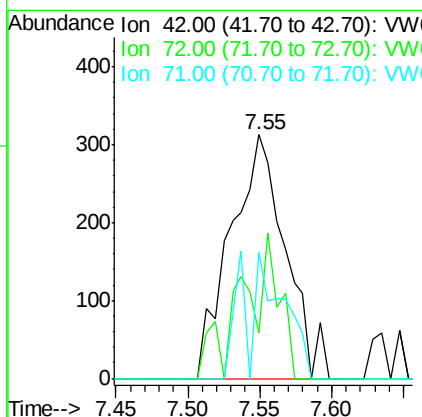
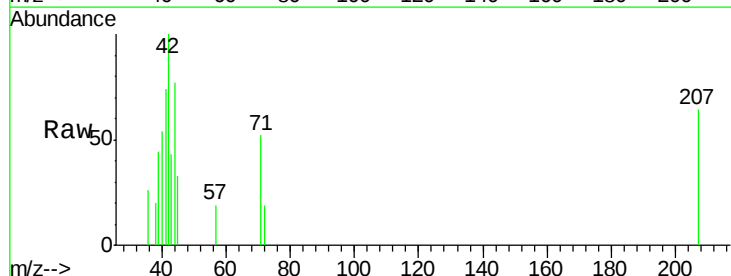
Tgt Ion: 96 Resp: 16989
 Ion Ratio Lower Upper
 96 100
 61 138.9 0.0 298.8
 98 65.8 0.0 130.4

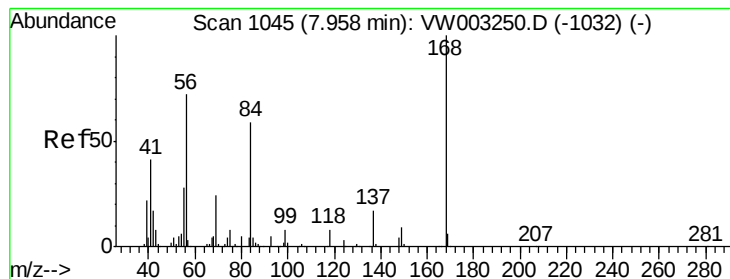


#29

Tetrahydrofuran
 Concen: 2.956 ug/l
 RT: 7.55 min Scan# 978
 Delta R.T. 0.01 min
 Lab File: VW003525.D
 Acq: 24 Jun 2018 21:32

Tgt Ion: 42 Resp: 828
 Ion Ratio Lower Upper
 42 100
 72 17.1 32.4 48.6#
 71 26.7 31.2 46.8#





#31

Cyclohexane

Concen: 1.957 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-25-27-180620

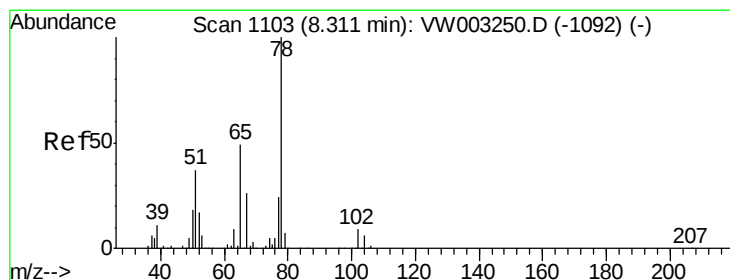
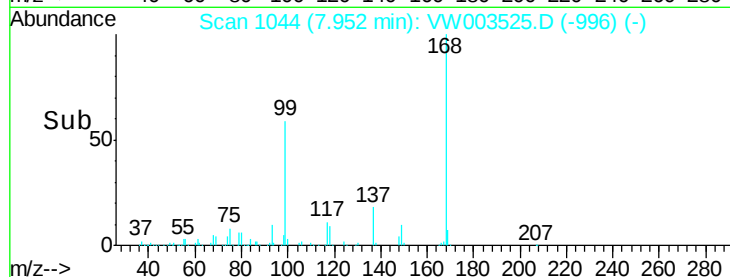
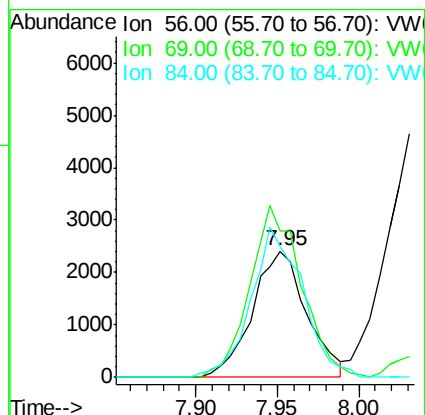
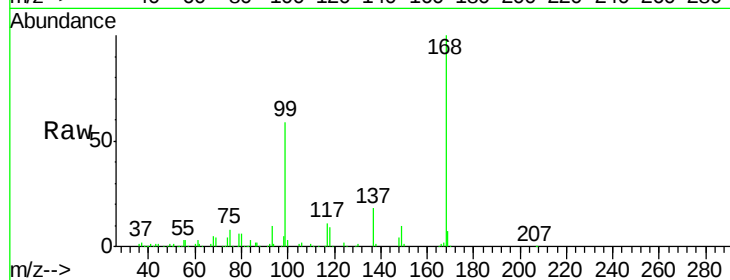
Tgt Ion: 56 Resp: 5558

Ion Ratio Lower Upper

56 100

69 116.3 26.3 39.5#

84 103.7 65.7 98.5#



#33

1,2-Dichloroethane-d4

Concen: 65.587 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003525.D

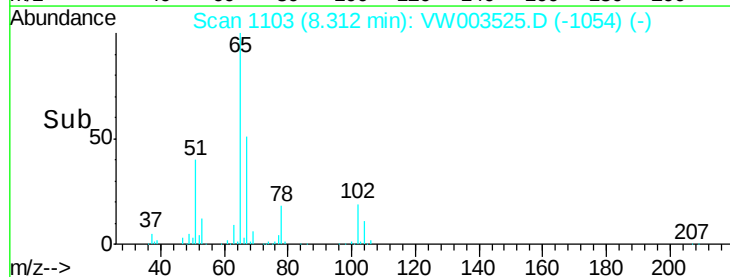
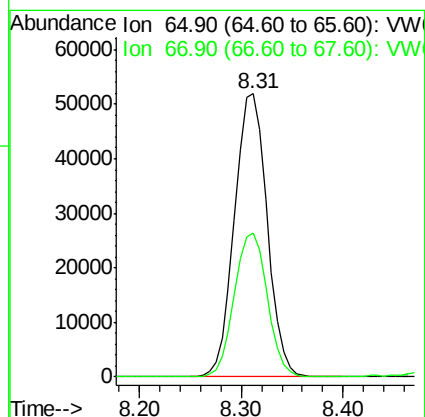
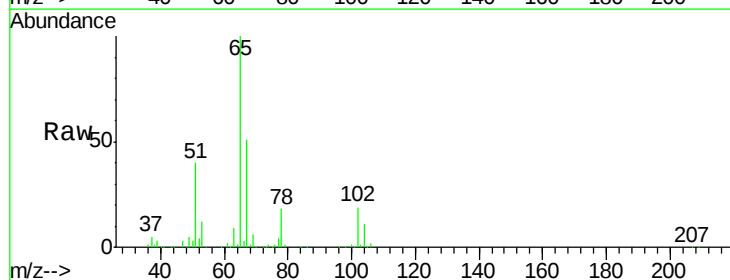
Acq: 24 Jun 2018 21:32

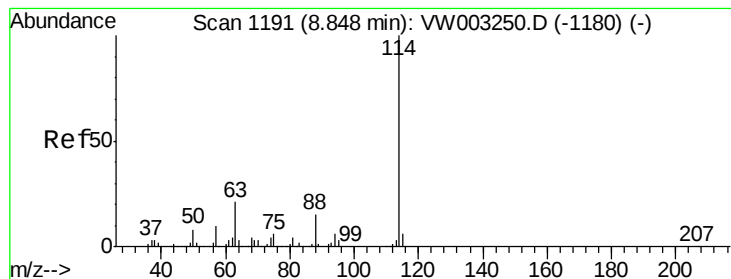
Tgt Ion: 65 Resp: 115272

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: VW003525.D

Acq: 24 Jun 2018 21:32

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-25-27-180620

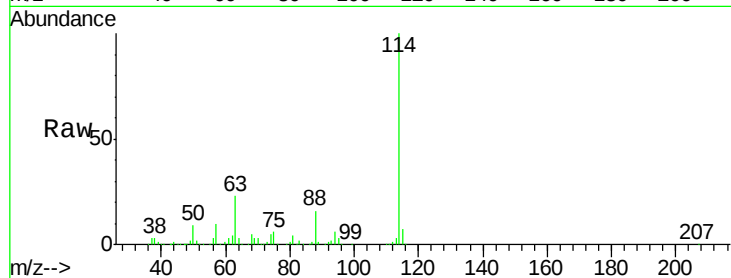
Tgt Ion:114 Resp: 288842

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.0

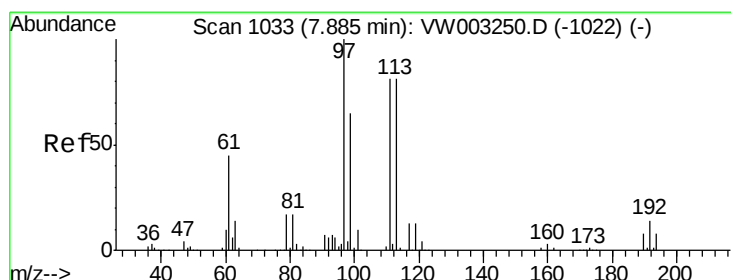
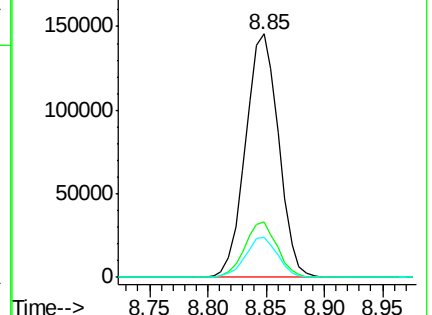
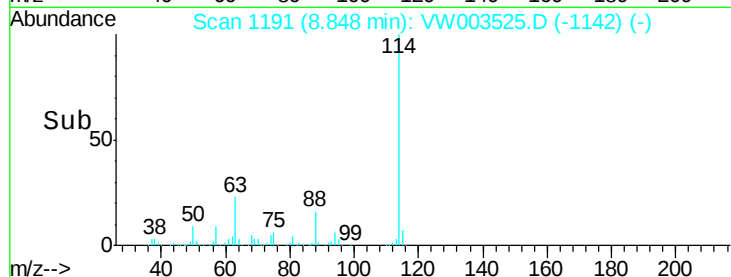
88 16.3 0.0 29.6



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: 55.030 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

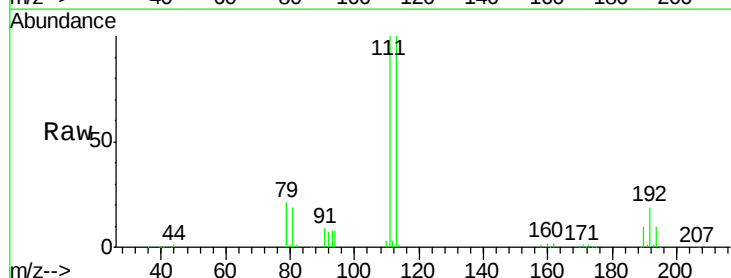
Tgt Ion:113 Resp: 98766

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

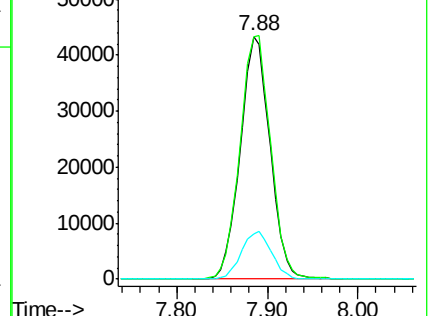
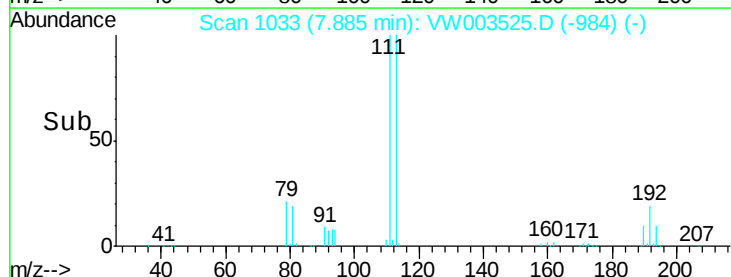
192 19.9 16.2 24.2

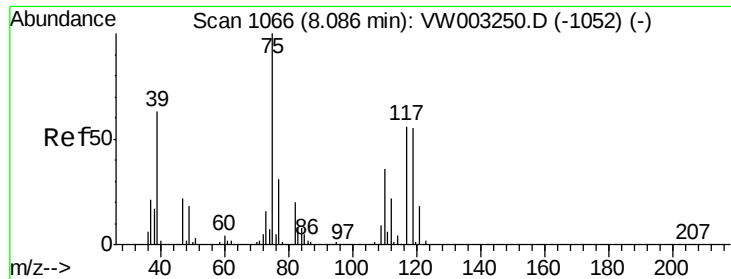


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

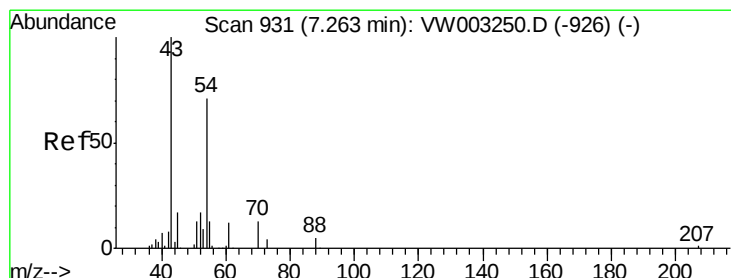
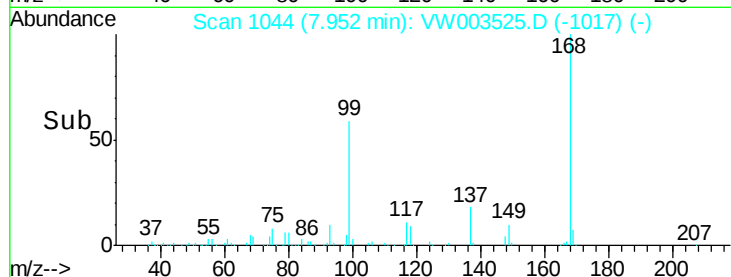
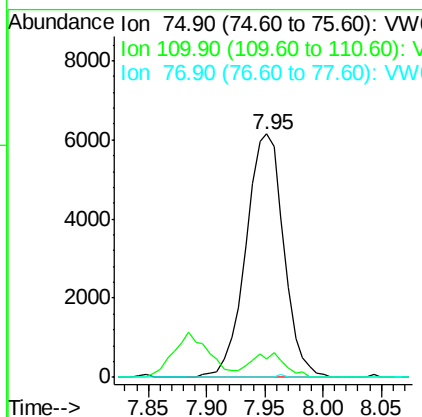
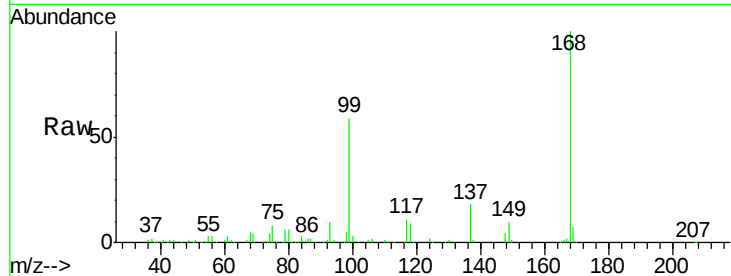




#36
 1,1-Dichloropropene
 Concen: 4.976 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003525.D
 Acq: 24 Jun 2018 21:32

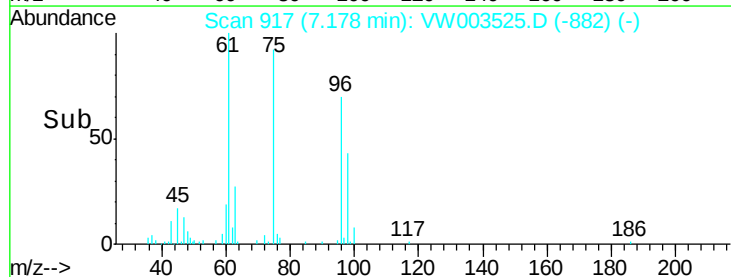
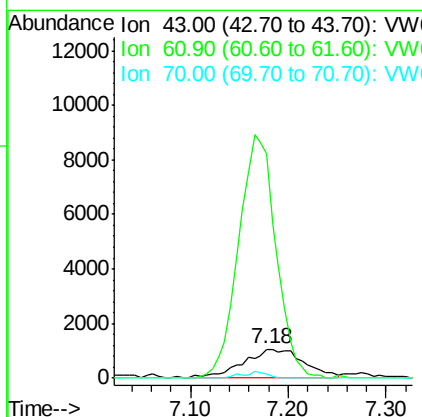
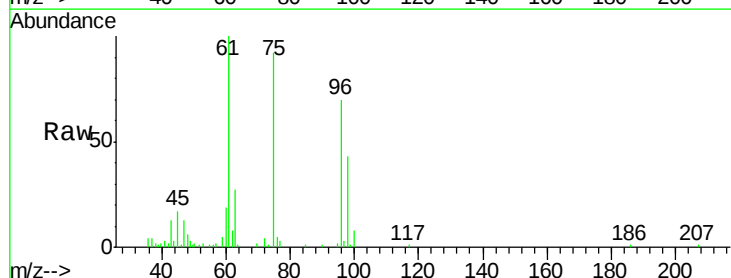
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-25-27-180620

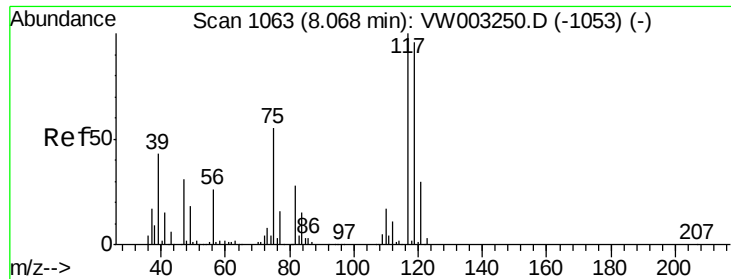
Tgt Ion: 75 Resp: 13879
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.1 51.3#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 3.977 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. -0.09 min
 Lab File: VW003525.D
 Acq: 24 Jun 2018 21:32

Tgt Ion: 43 Resp: 4596
 Ion Ratio Lower Upper
 43 100
 61 513.6 10.8 16.2#
 70 8.7 7.8 11.6





#38

Carbon Tetrachloride

Concen: 6.018 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-25-27-180620

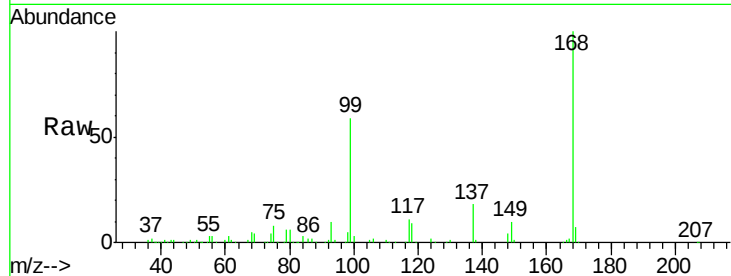
Tgt Ion:117 Resp: 16466

Ion Ratio Lower Upper

117 100

119 4.5 76.6 115.0#

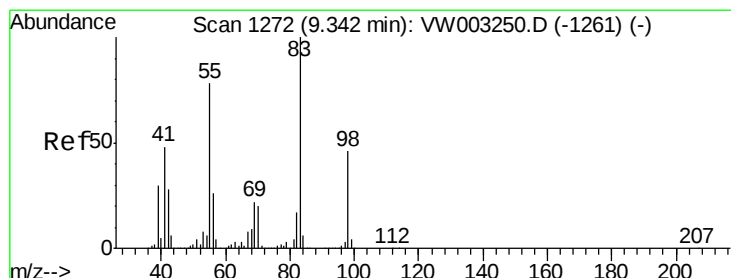
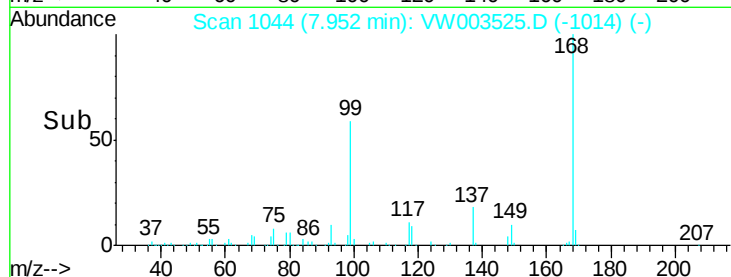
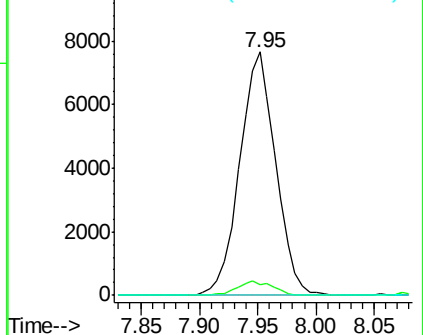
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 7.896 ug/l

RT: 9.34 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

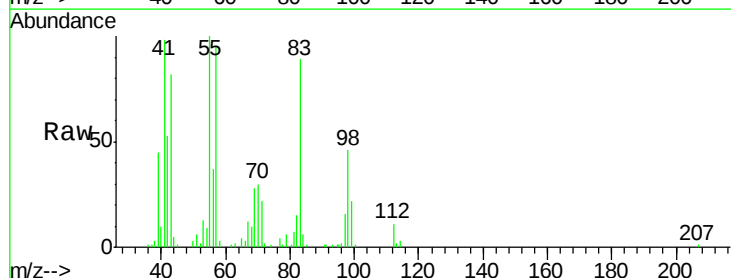
Tgt Ion: 83 Resp: 25485

Ion Ratio Lower Upper

83 100

55 111.6 62.6 93.8#

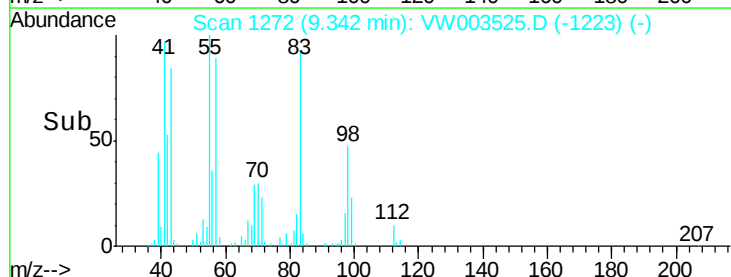
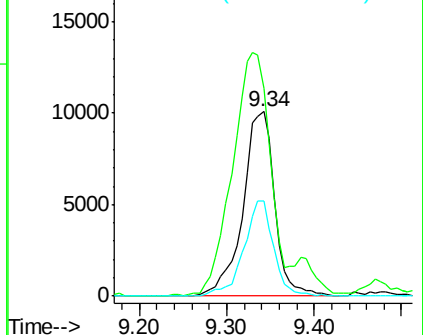
98 51.5 37.0 55.4

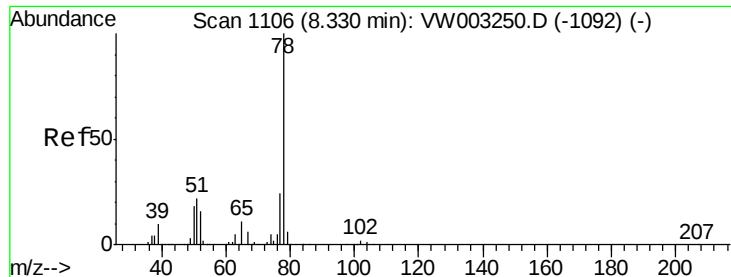


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 4.540 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

Instrument :

MSVOA_W

ClientSampleId :

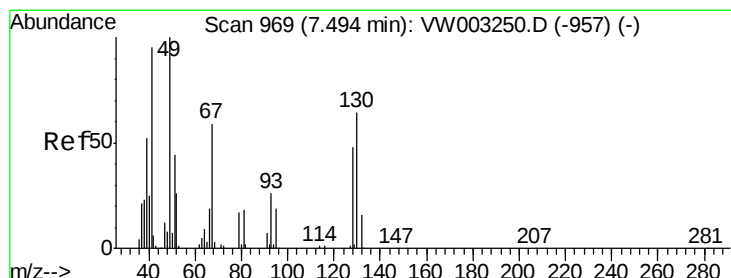
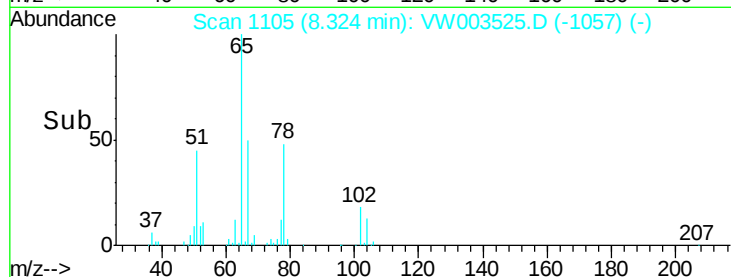
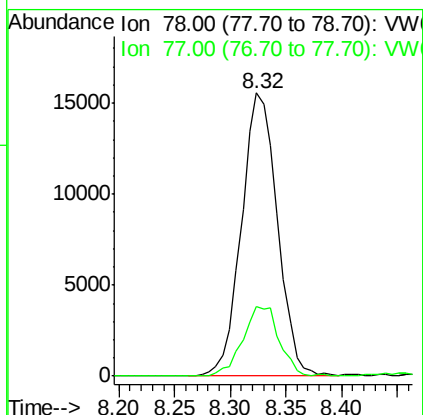
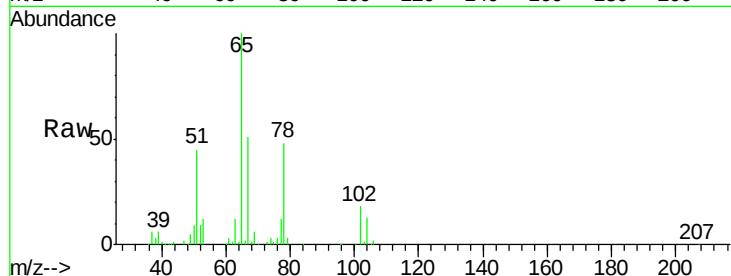
WP021SB474-25-27-180620

Tgt Ion: 78 Resp: 34908

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.6



#41

Methacrylonitrile

Concen: 1.055 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.05 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

Tgt Ion: 41 Resp: 748

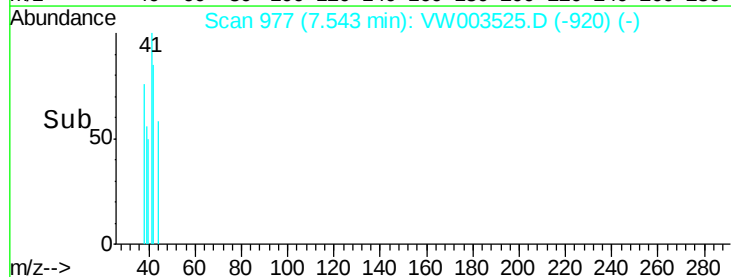
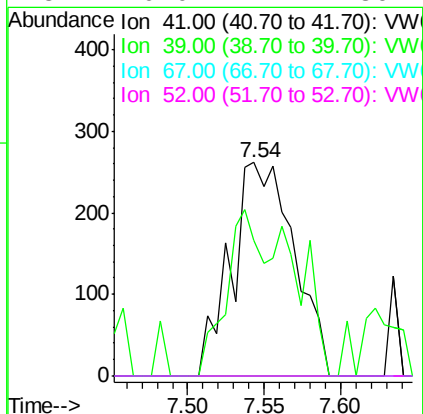
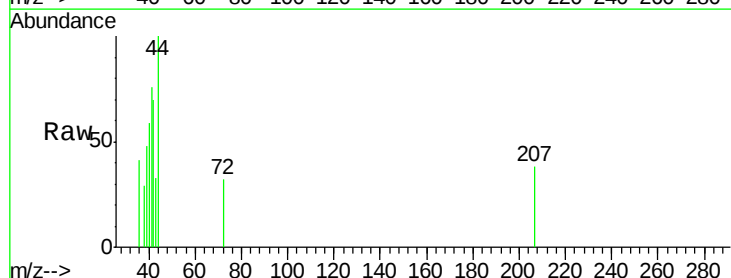
Ion Ratio Lower Upper

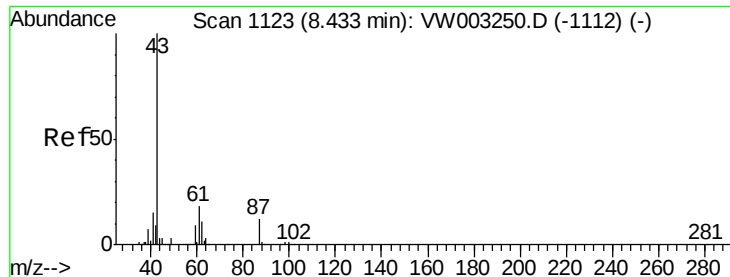
41 100

39 43.3 45.8 68.8#

67 0.0 52.3 78.5#

52 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 2.248 ug/l

RT: 8.42 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-25-27-180620

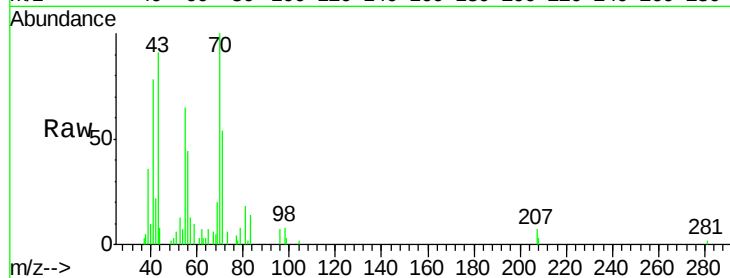
Tgt Ion: 43 Resp: 5159

Ion Ratio Lower Upper

43 100

61 0.0 23.1 34.7#

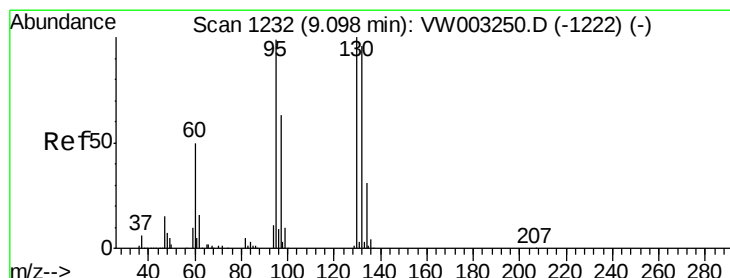
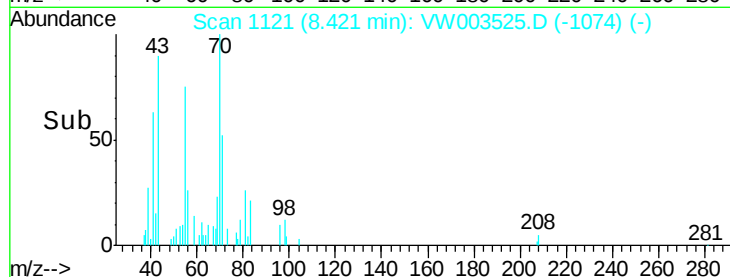
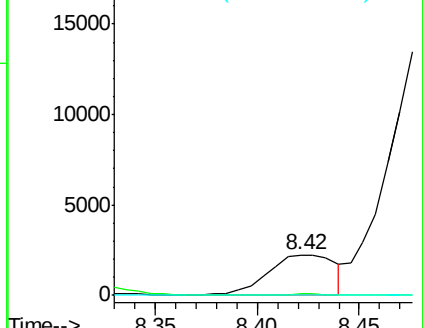
87 0.0 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 9.101 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003525.D

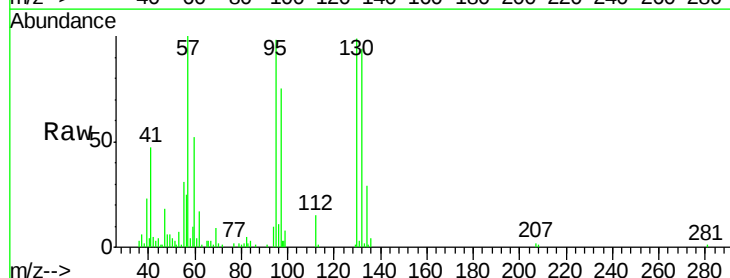
Acq: 24 Jun 2018 21:32

Tgt Ion: 130 Resp: 18543

Ion Ratio Lower Upper

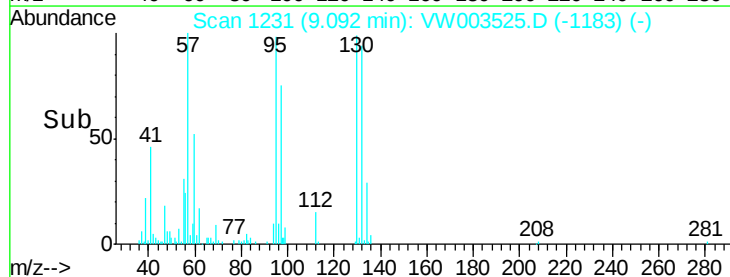
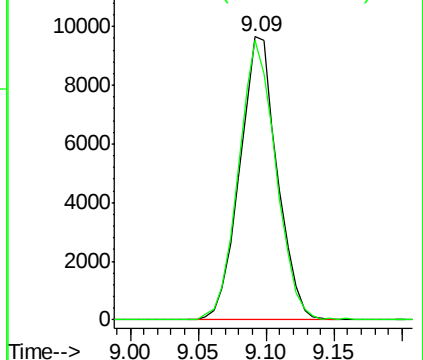
130 100

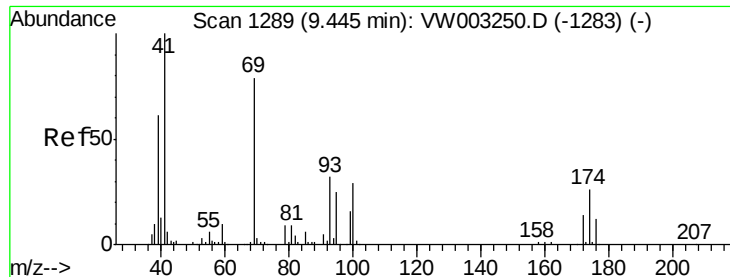
95 98.5 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

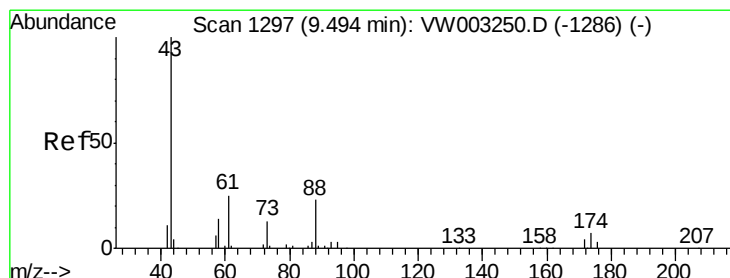
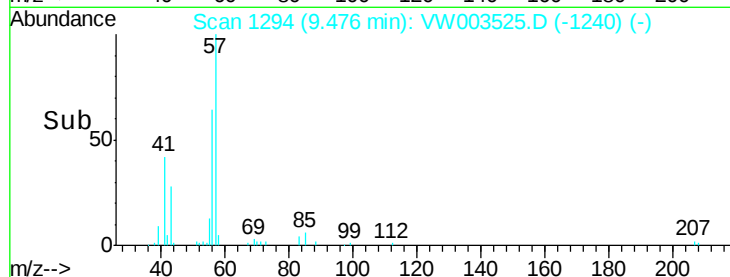
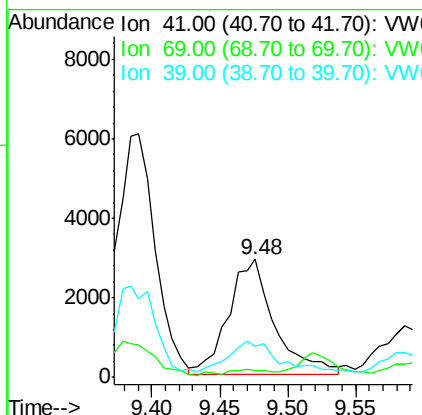
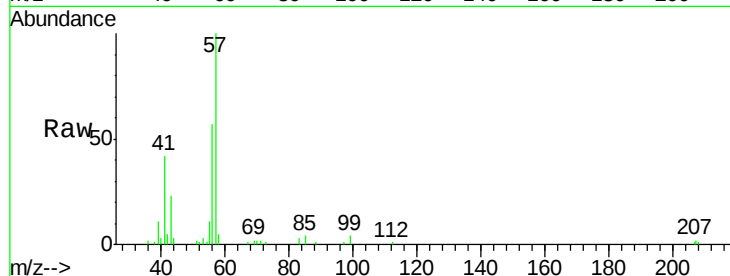




#48
Methyl methacrylate
Concen: 6.410 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.03 min
Lab File: VW003525.D
Acq: 24 Jun 2018 21:32

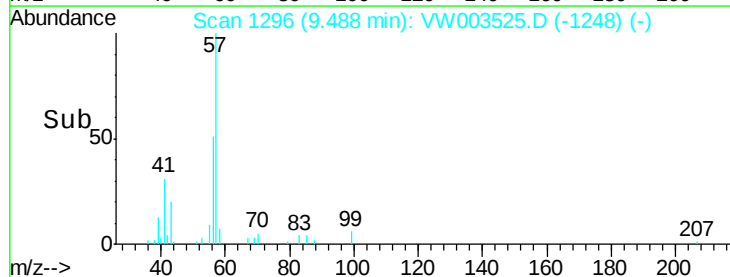
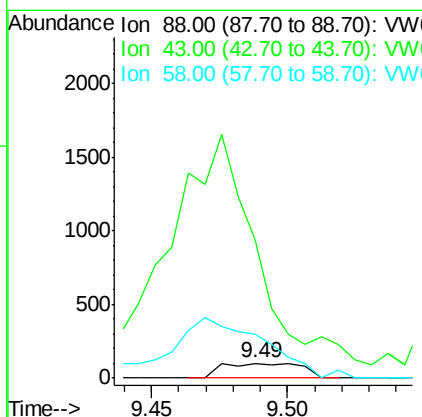
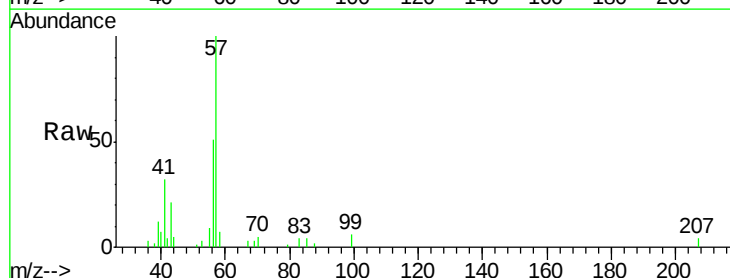
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-25-27-180620

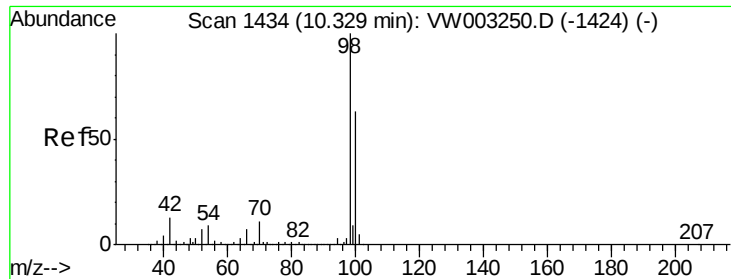
Tgt Ion: 41 Resp: 6912
Ion Ratio Lower Upper
41 100
69 6.7 65.4 98.2#
39 38.9 54.2 81.2#



#49
1,4-Dioxane
Concen: 13.149 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003525.D
Acq: 24 Jun 2018 21:32

Tgt Ion: 88 Resp: 199
Ion Ratio Lower Upper
88 100
43 1915.1 454.7 682.1#
58 513.1 58.6 88.0#





#50

Toluene-d8

Concen: 50.987 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

Instrument :

MSVOA_W

ClientSampleId :

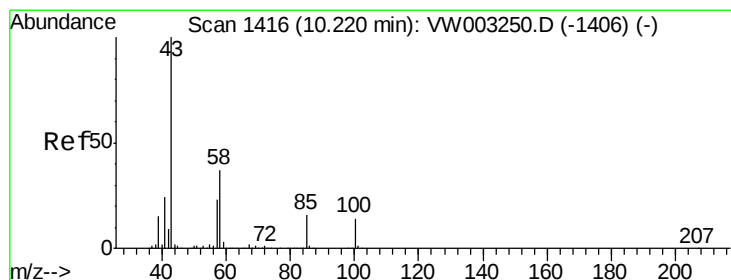
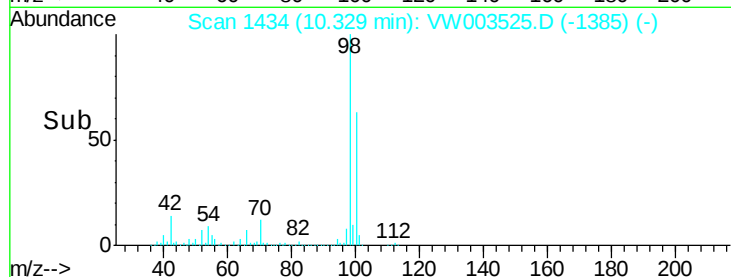
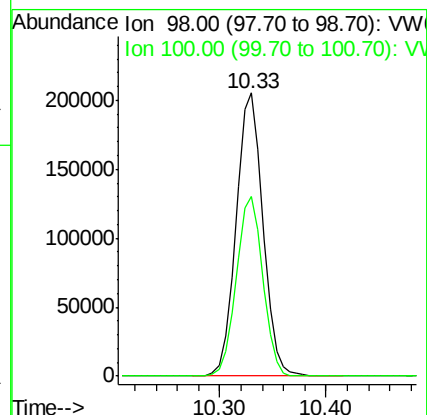
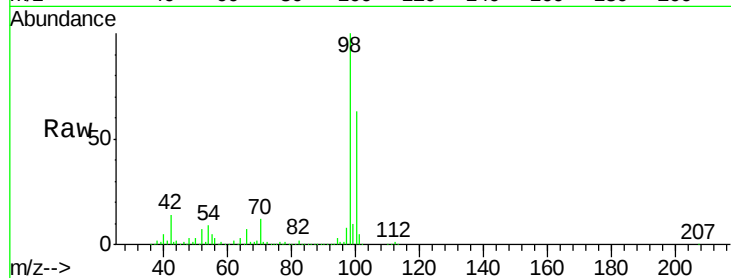
WP021SB474-25-27-180620

Tgt Ion: 98 Resp: 362860

Ion Ratio Lower Upper

98 100

100 62.7 50.8 76.2



#51

4-Methyl-2-Pentanone

Concen: 11.445 ug/l

RT: 10.26 min Scan# 1422

Delta R.T. 0.04 min

Lab File: VW003525.D

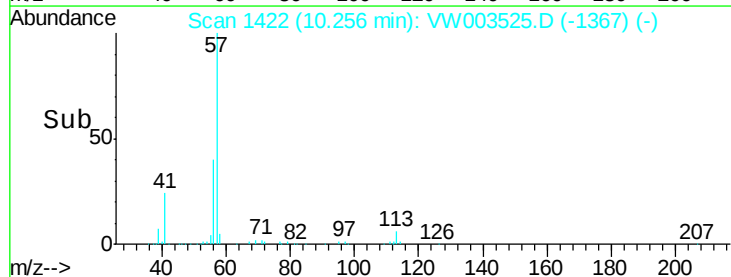
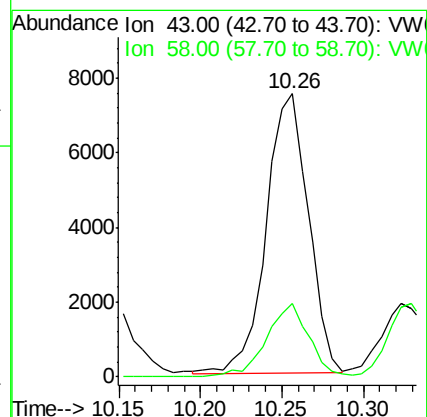
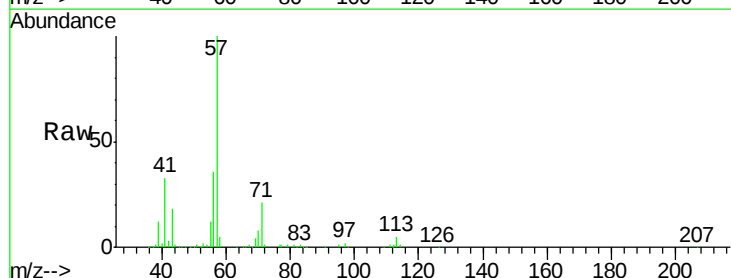
Acq: 24 Jun 2018 21:32

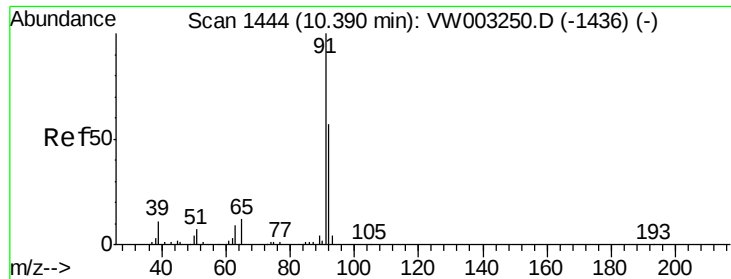
Tgt Ion: 43 Resp: 13382

Ion Ratio Lower Upper

43 100

58 26.6 29.0 43.4#





#52

Toluene

Concen: 1.174 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

Instrument :

MSVOA_W

ClientSampleId :

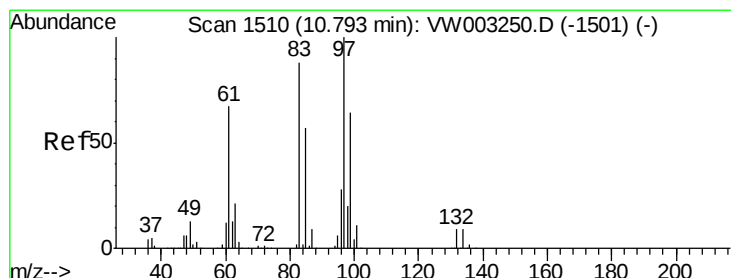
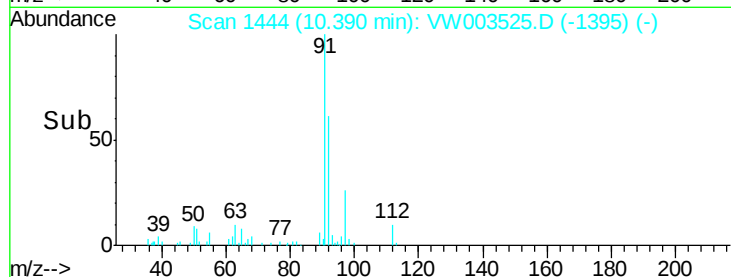
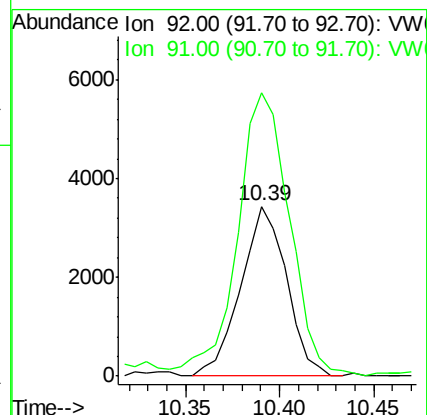
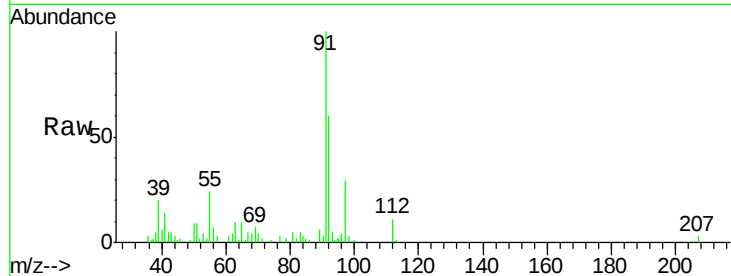
WP021SB474-25-27-180620

Tgt Ion: 92 Resp: 5787

Ion Ratio Lower Upper

92 100

91 189.4 141.1 211.7



#55

1,1,2-Trichloroethane

Concen: 16.510 ug/l

RT: 10.77 min Scan# 1506

Delta R.T. -0.02 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

Tgt Ion: 97 Resp: 23318

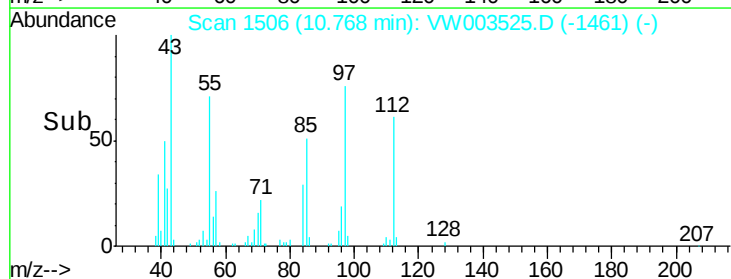
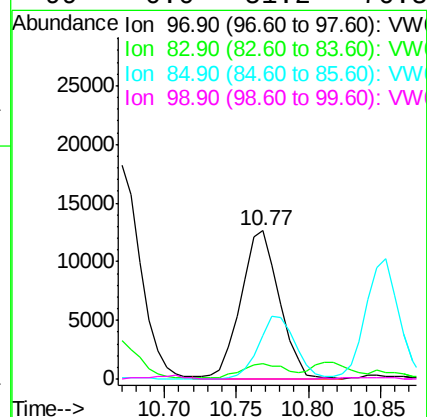
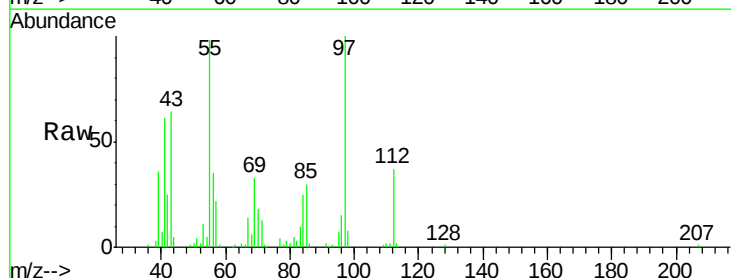
Ion Ratio Lower Upper

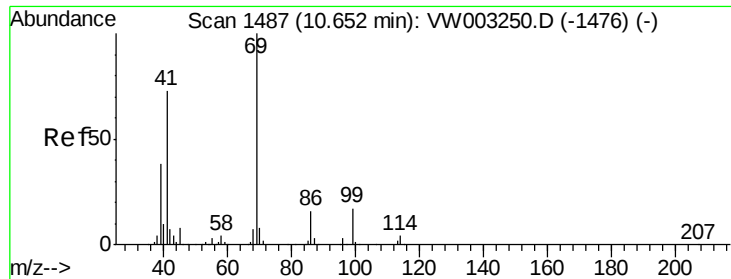
97 100

83 9.6 70.2 105.2#

85 29.9 45.6 68.4#

99 0.0 51.2 76.8#





#56

Ethyl methacrylate

Concen: 6.031 ug/l

RT: 10.67 min Scan# 1490

Delta R.T. 0.02 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-25-27-180620

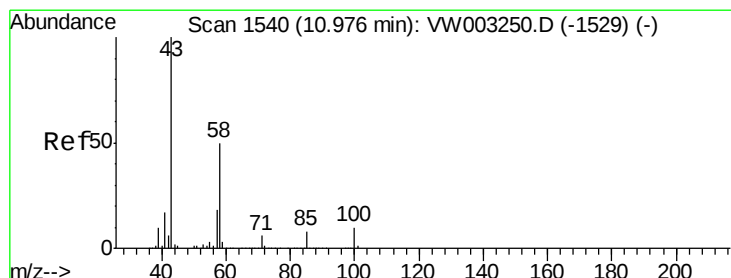
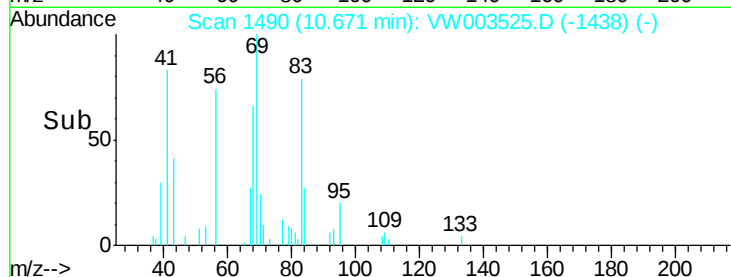
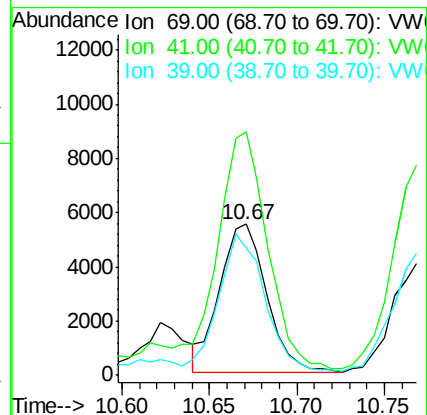
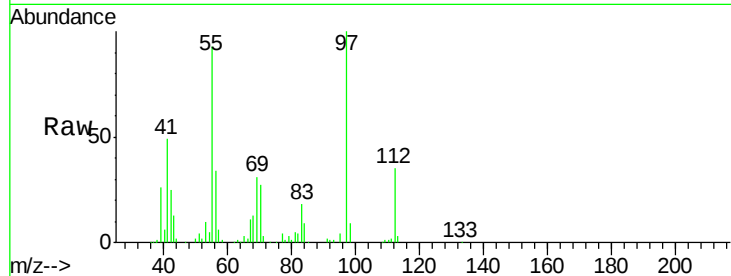
Tgt Ion: 69 Resp: 10343

Ion Ratio Lower Upper

69 100

41 165.9 57.8 86.6#

39 89.5 32.7 49.1#



#59

2-Hexanone

Concen: 129.148 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.04 min

Lab File: VW003525.D

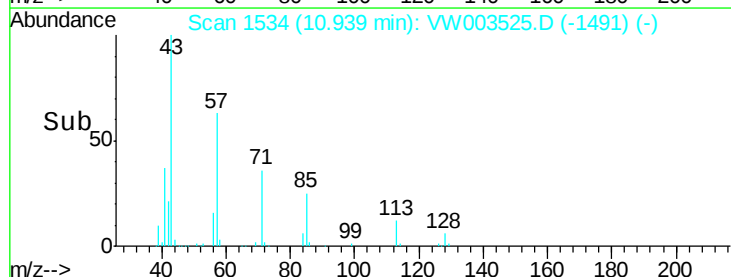
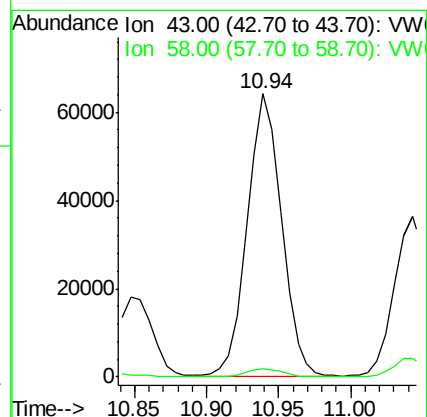
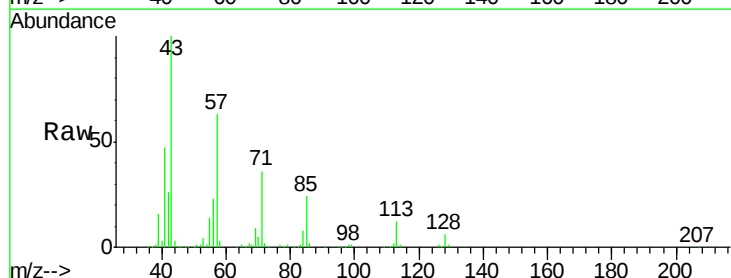
Acq: 24 Jun 2018 21:32

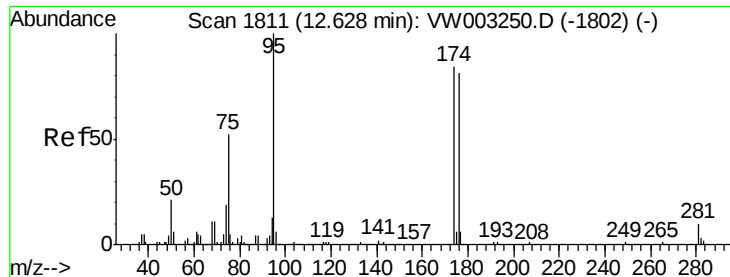
Tgt Ion: 43 Resp: 105489

Ion Ratio Lower Upper

43 100

58 3.2 25.0 75.0#

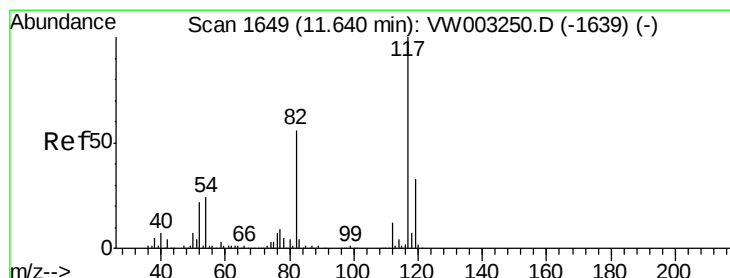
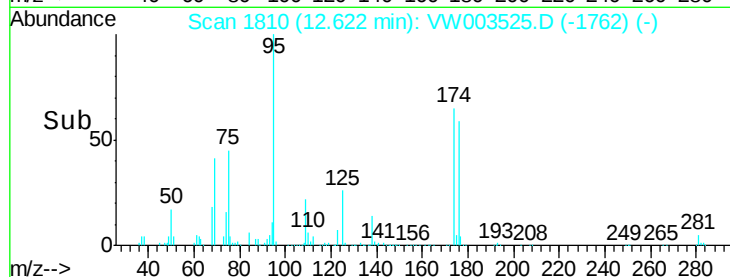
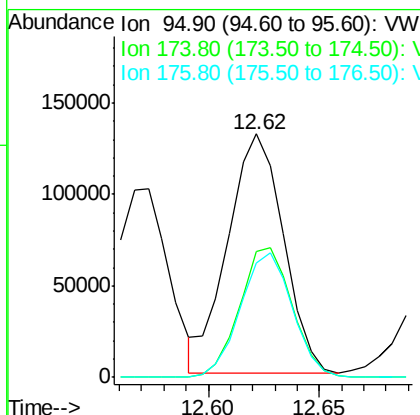
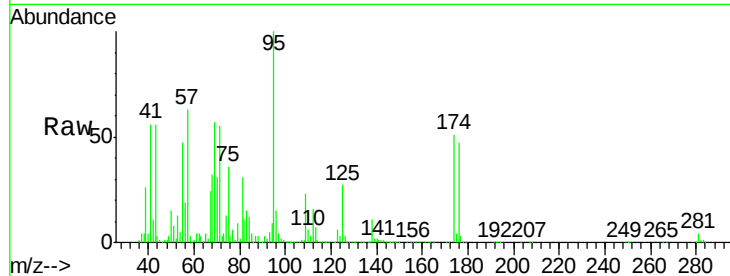




#62
4-Bromofluorobenzene
Concen: 90.009 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW003525.D
Acq: 24 Jun 2018 21:32

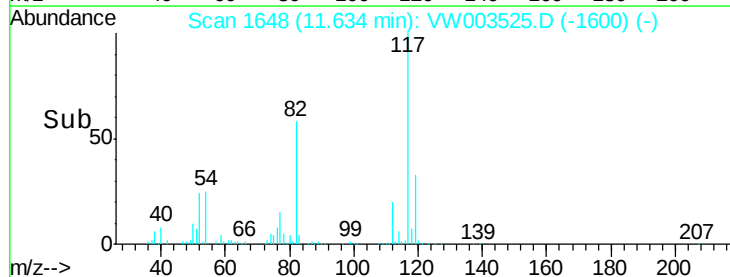
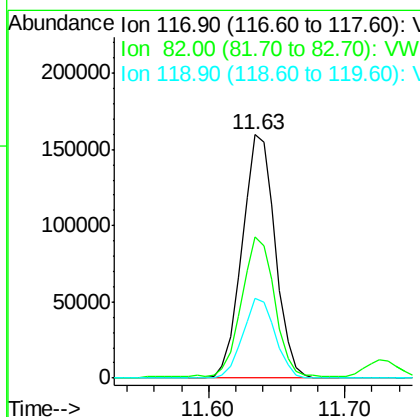
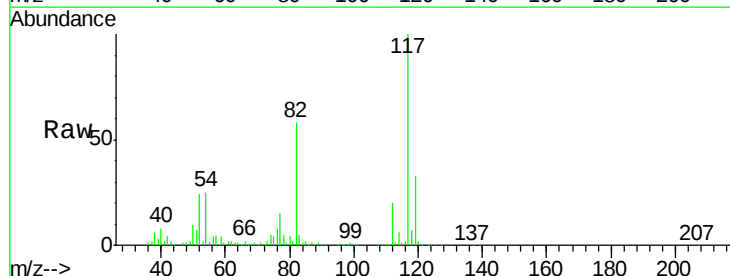
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-25-27-180620

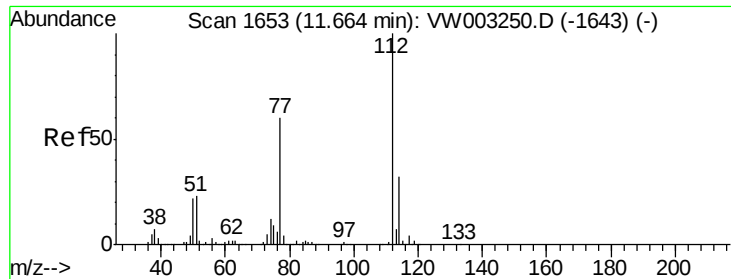
Tgt Ion: 95 Resp: 226691
Ion Ratio Lower Upper
95 100
174 51.4 0.0 166.4
176 48.9 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003525.D
Acq: 24 Jun 2018 21:32

Tgt Ion: 117 Resp: 270802
Ion Ratio Lower Upper
117 100
82 57.7 44.6 67.0
119 32.6 26.7 40.1

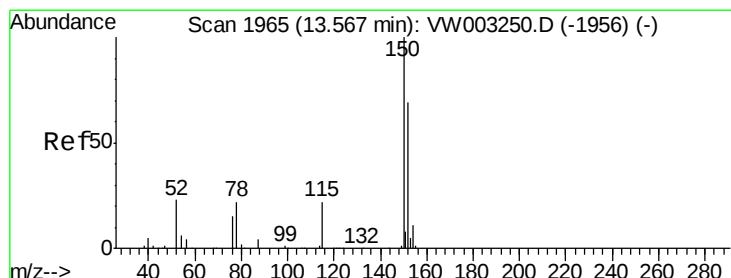
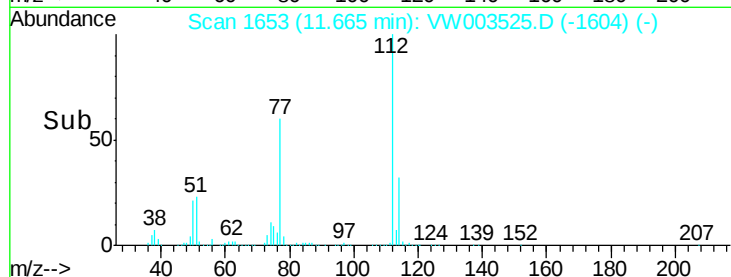
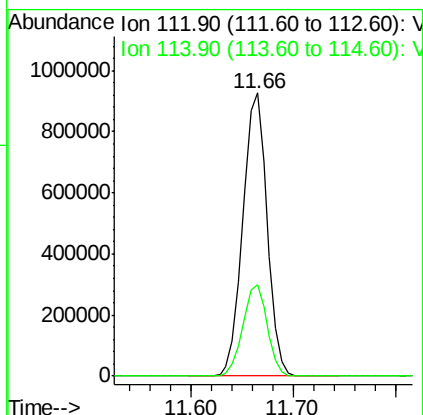
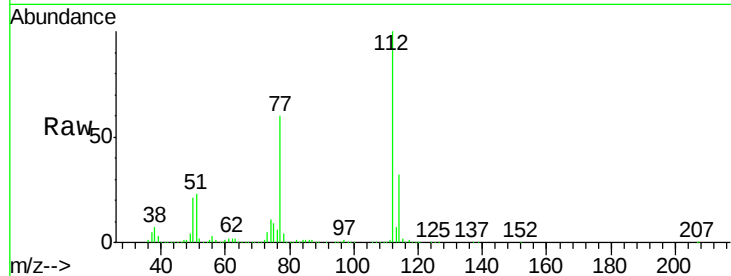




#65
Chlorobenzene
Concen: 271.287 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003525.D
Acq: 24 Jun 2018 21:32

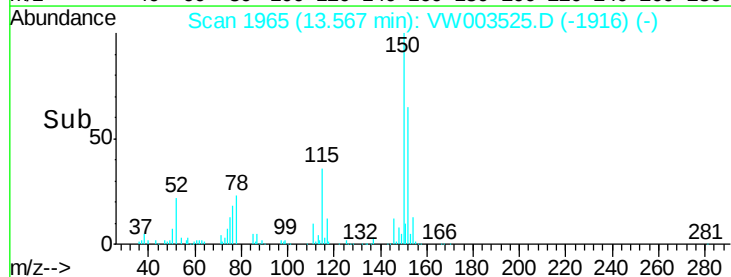
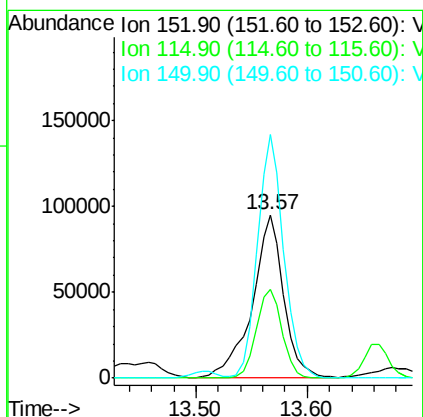
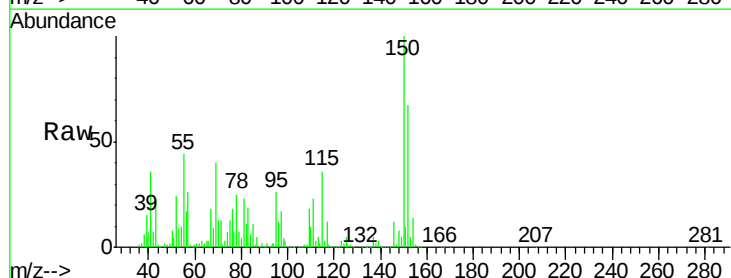
Instrument :
MSVOA_W
ClientSampleId :
WP021SB474-25-27-180620

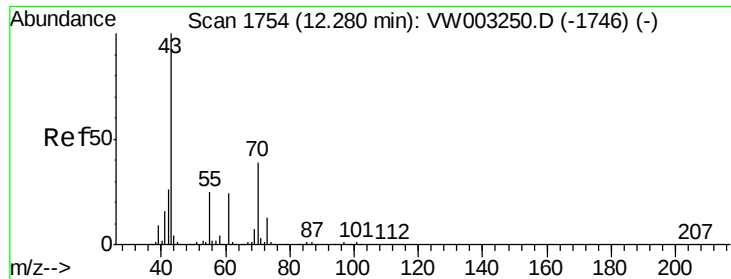
Tgt Ion:112 Resp: 1529846
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003525.D
Acq: 24 Jun 2018 21:32

Tgt Ion:152 Resp: 184451
Ion Ratio Lower Upper
152 100
115 44.5 29.3 88.0
150 126.5 0.0 349.6





#74

N-ethyl acetate

Concen: 106.901 ug/l

RT: 12.26 min Scan# 1750

Delta R.T. -0.02 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-25-27-180620

Tgt Ion: 43 Resp: 312164

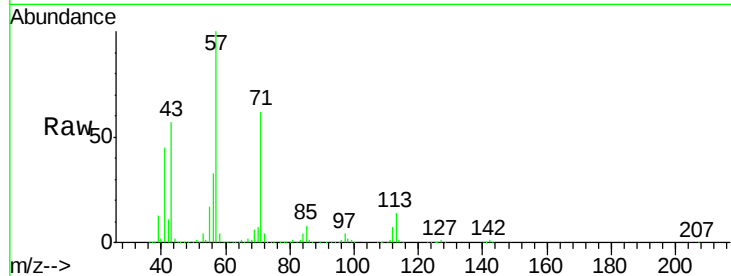
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 19.7 29.5#

61 0.0 18.1 27.1#

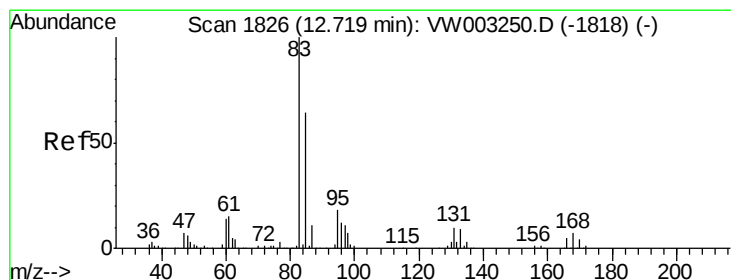
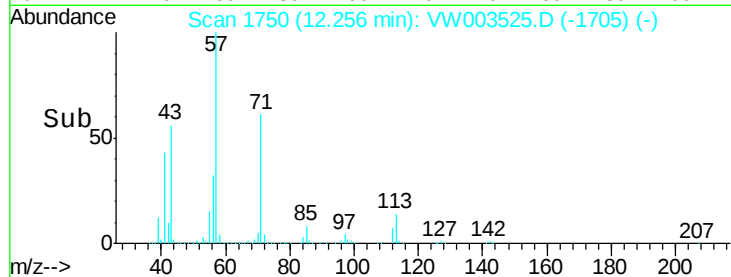
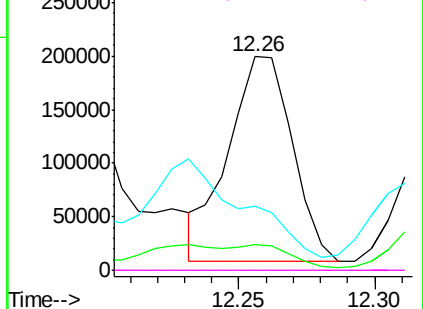


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 18.327 ug/l

RT: 12.71 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

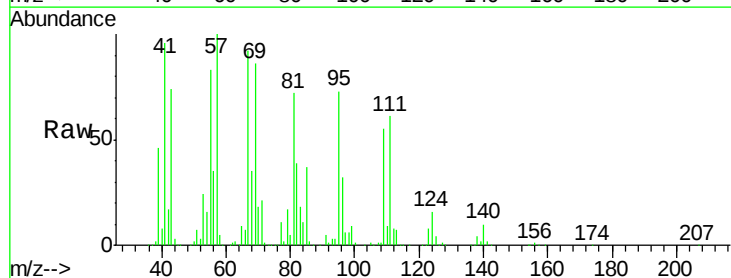
Tgt Ion: 83 Resp: 39778

Ion Ratio Lower Upper

83 100

131 0.1 5.4 16.2#

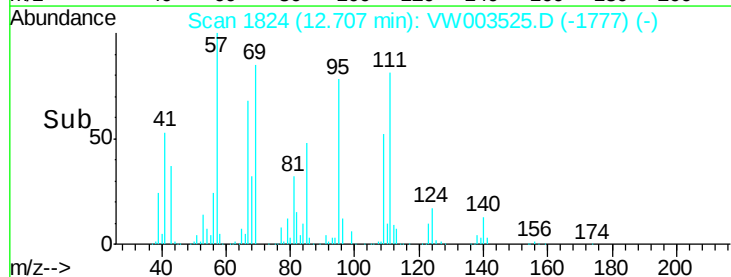
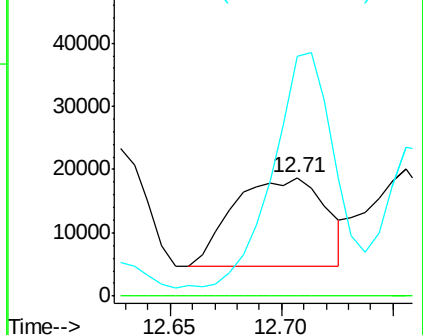
85 181.2 31.9 95.7#

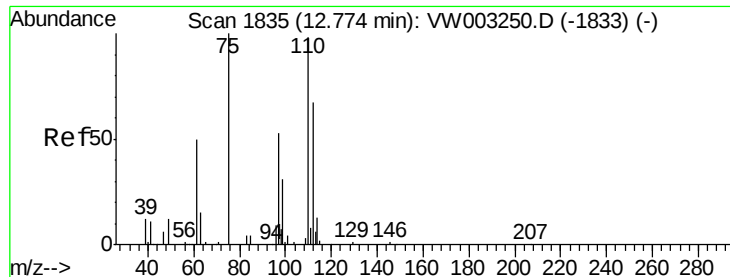


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW

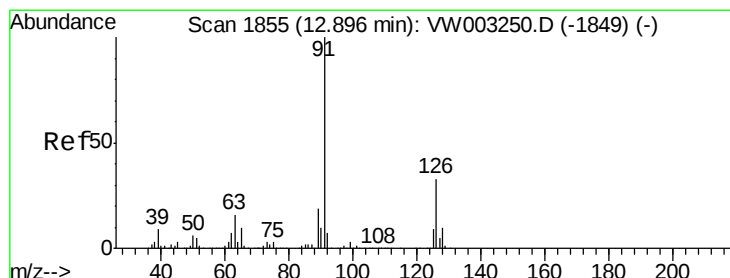
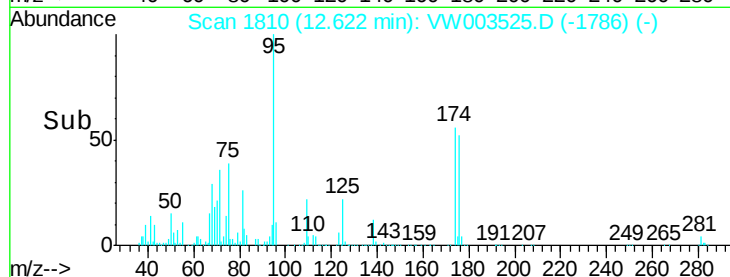
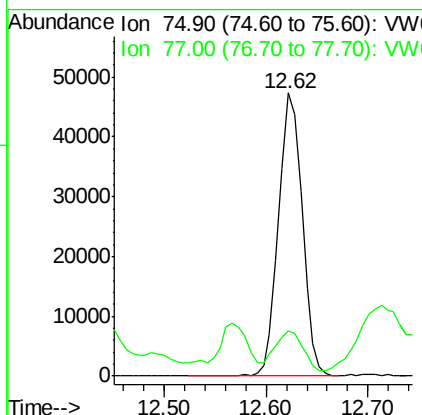
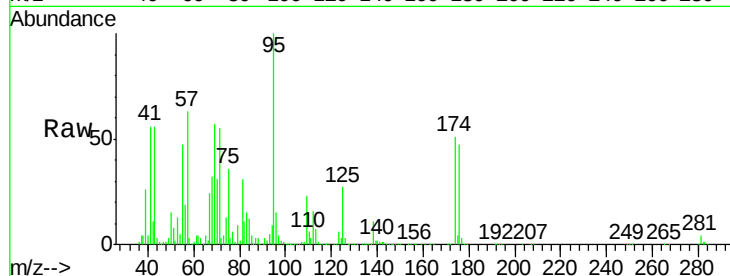




#76
 1,2,3-Trichloropropane
 Concen: 48.437 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003525.D
 Acq: 24 Jun 2018 21:32

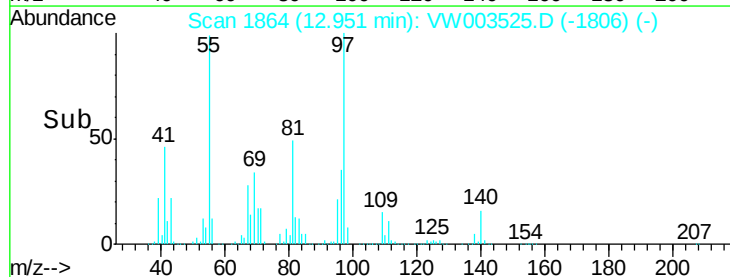
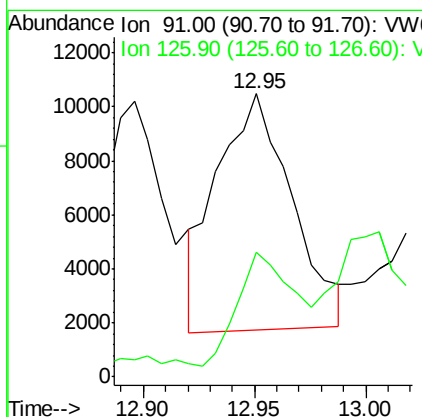
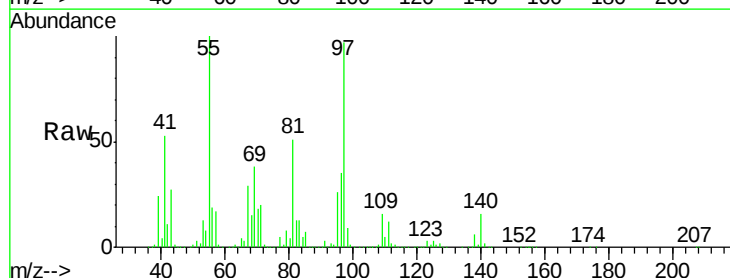
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-25-27-180620

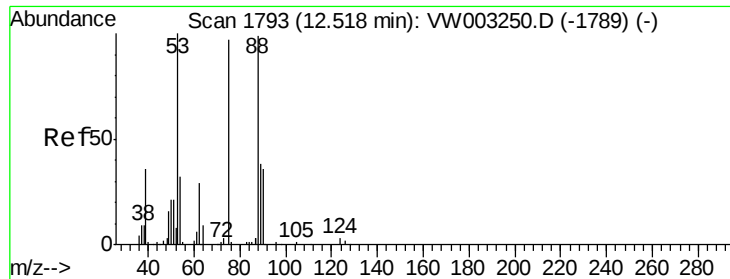
Tgt Ion: 75 Resp: 76377
 Ion Ratio Lower Upper
 75 100
 77 16.0 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: 2.307 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.05 min
 Lab File: VW003525.D
 Acq: 24 Jun 2018 21:32

Tgt Ion: 91 Resp: 20480
 Ion Ratio Lower Upper
 91 100
 126 37.1 16.8 50.4





#81

trans-1,4-Dichloro-2-butene

Concen: 111.455 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-25-27-180620

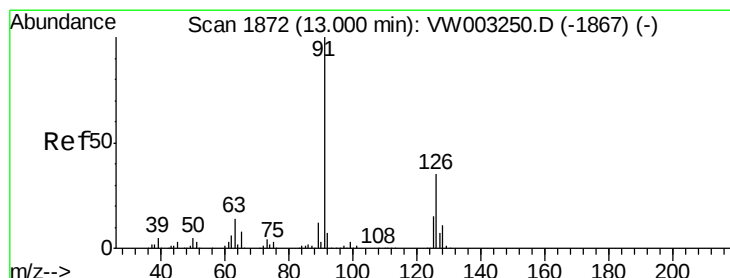
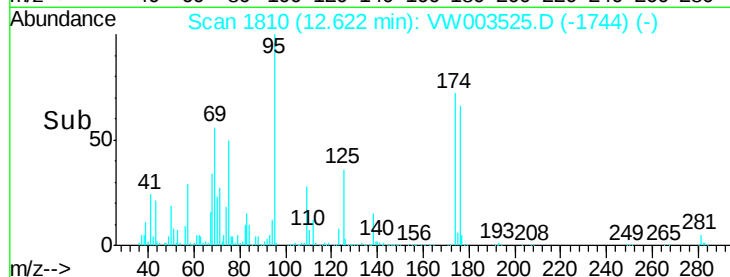
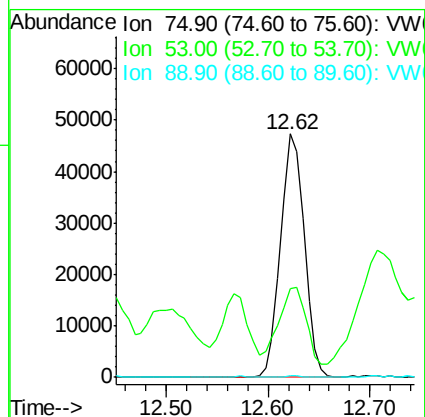
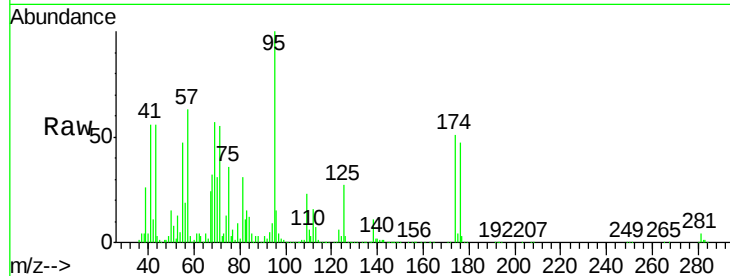
Tgt Ion: 75 Resp: 76377

Ion Ratio Lower Upper

75 100

53 35.6 82.9 124.3#

89 0.4 36.7 55.1#



#82

4-Chlorotoluene

Concen: 2.269 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.05 min

Lab File: VW003525.D

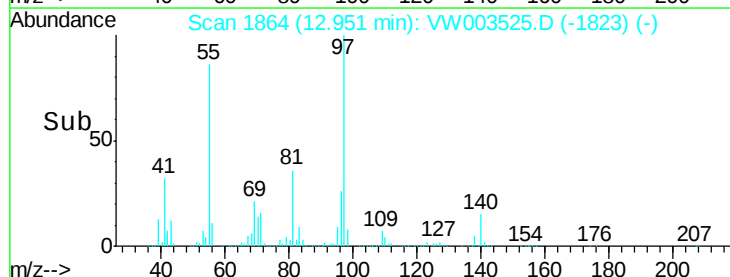
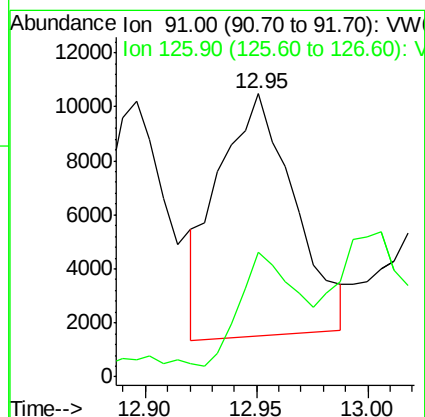
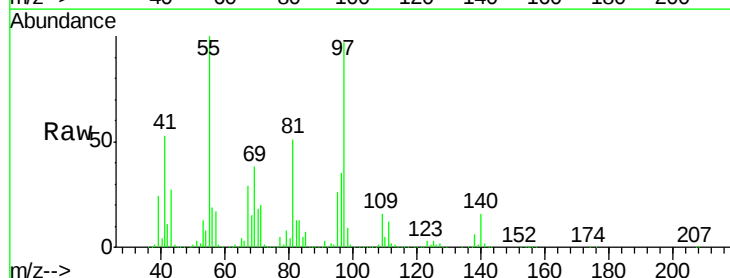
Acq: 24 Jun 2018 21:32

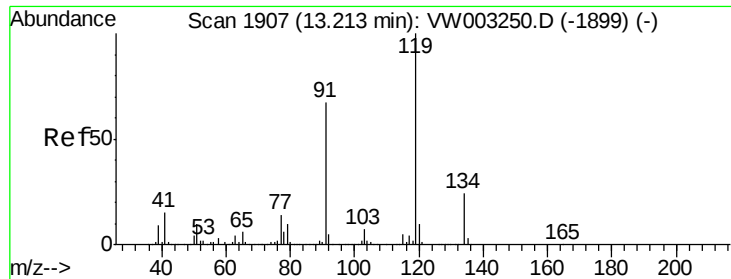
Tgt Ion: 91 Resp: 21373

Ion Ratio Lower Upper

91 100

126 35.9 16.8 50.3

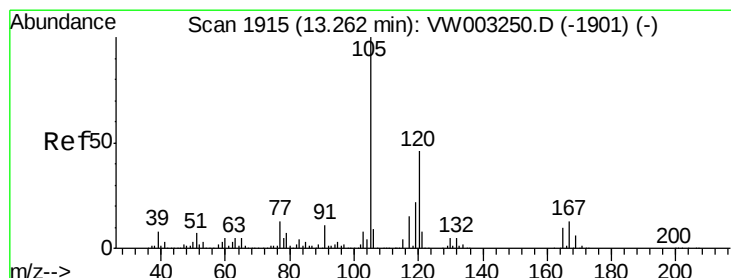
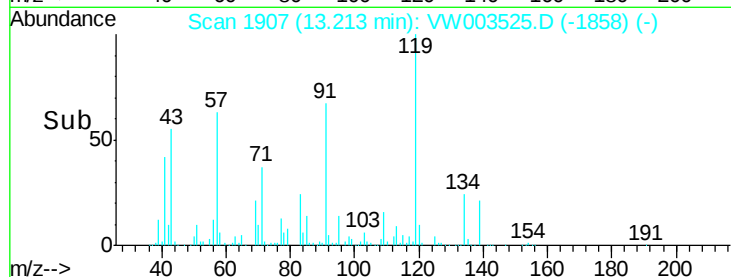
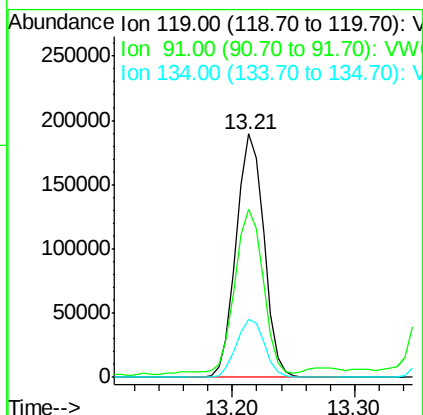
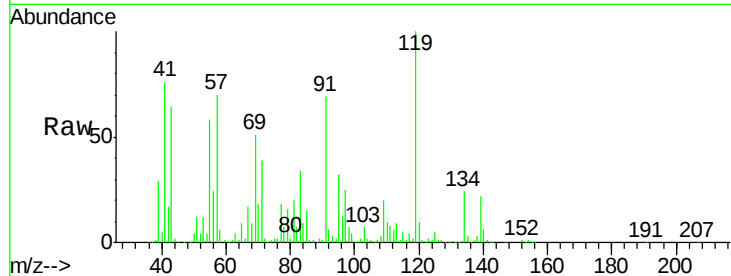




#83
 tert-Butylbenzene
 Concen: 32.372 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003525.D
 Acq: 24 Jun 2018 21:32

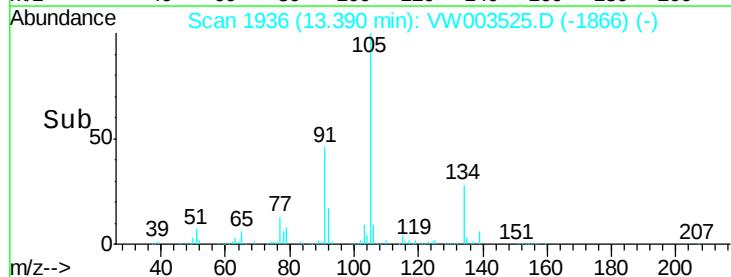
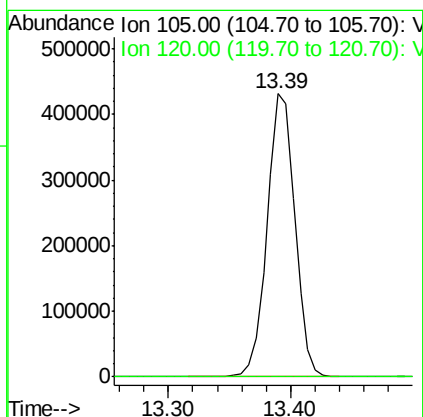
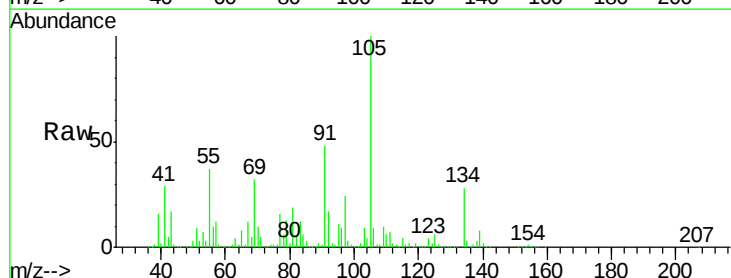
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-25-27-180620

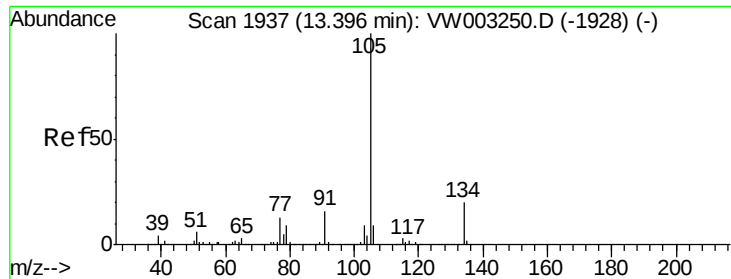
Tgt Ion:119 Resp: 297084
 Ion Ratio Lower Upper
 119 100
 91 70.2 33.9 101.7
 134 24.2 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 61.137 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.13 min
 Lab File: VW003525.D
 Acq: 24 Jun 2018 21:32

Tgt Ion:105 Resp: 677232
 Ion Ratio Lower Upper
 105 100
 120 0.3 22.5 67.5#





#85

sec-Butylbenzene

Concen: 49.647 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

Instrument :

MSVOA_W

ClientSampleId :

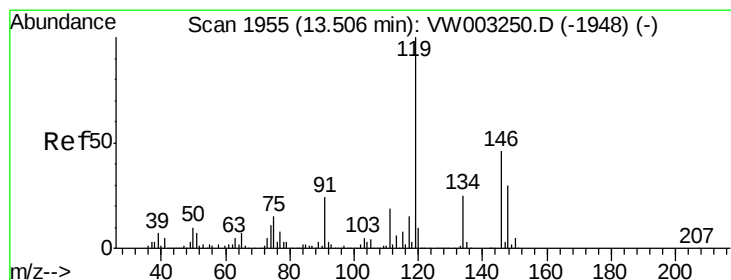
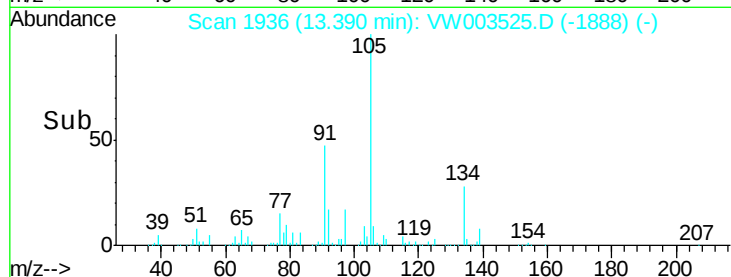
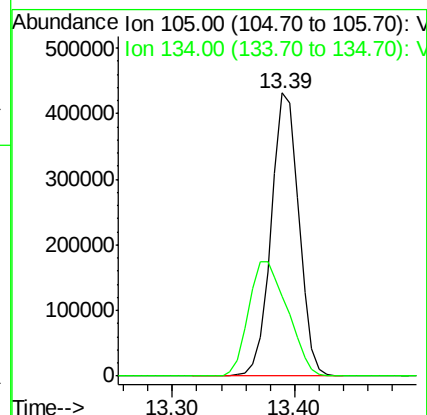
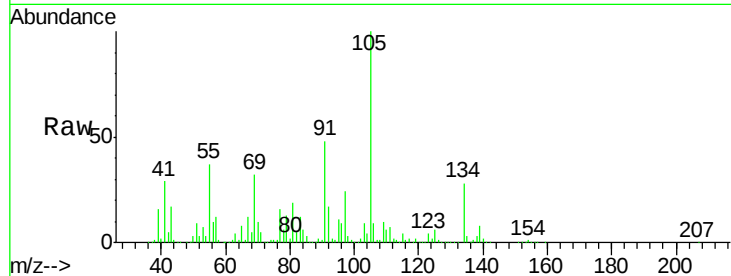
WP021SB474-25-27-180620

Tgt Ion:105 Resp: 677232

Ion Ratio Lower Upper

105 100

134 57.0 9.8 29.5#



#86

p-Isopropyltoluene

Concen: 29.767 ug/l

RT: 13.66 min Scan# 1981

Delta R.T. 0.16 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

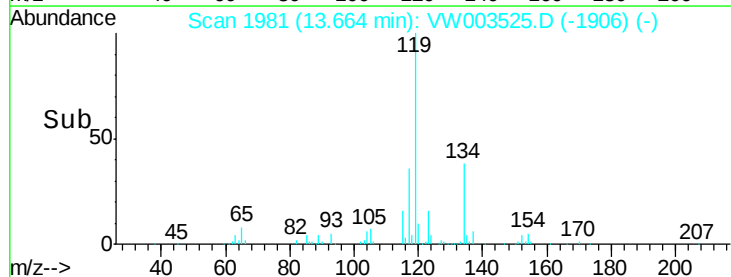
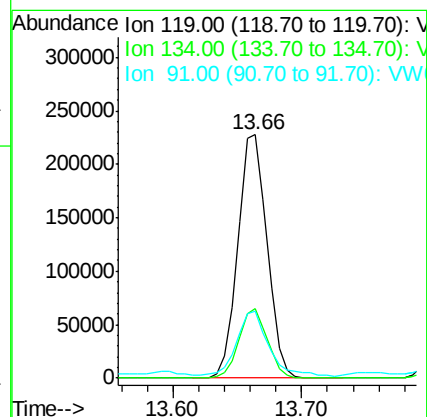
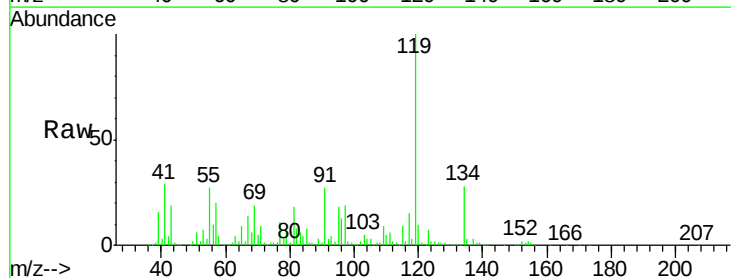
Tgt Ion:119 Resp: 358132

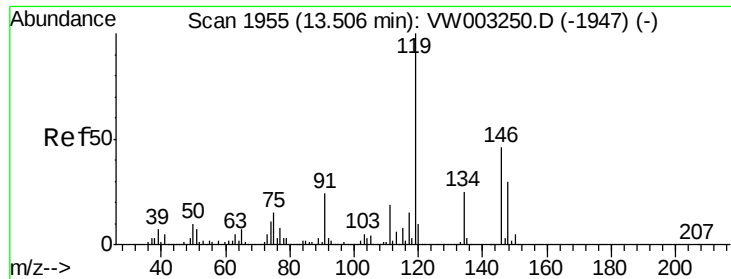
Ion Ratio Lower Upper

119 100

134 27.8 12.9 38.7

91 28.8 11.8 35.3

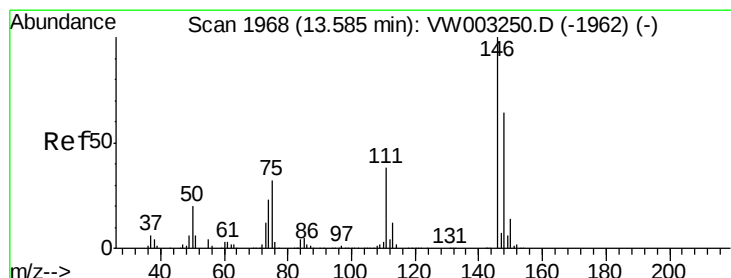
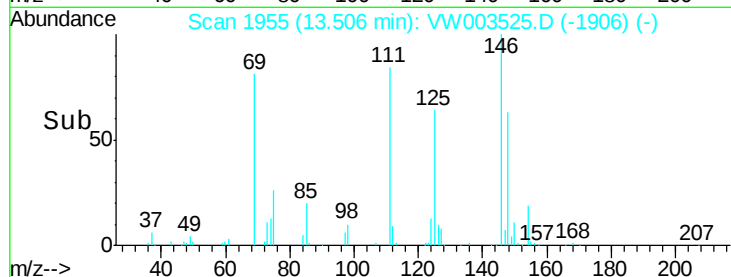
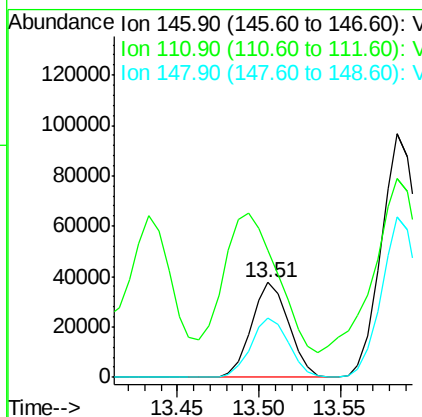
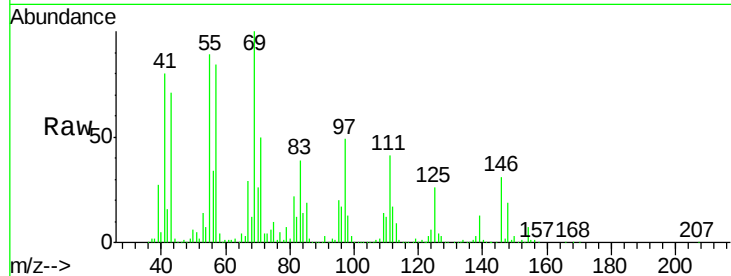




#87
 1,3-Dichlorobenzene
 Concen: 9.793 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003525.D
 Acq: 24 Jun 2018 21:32

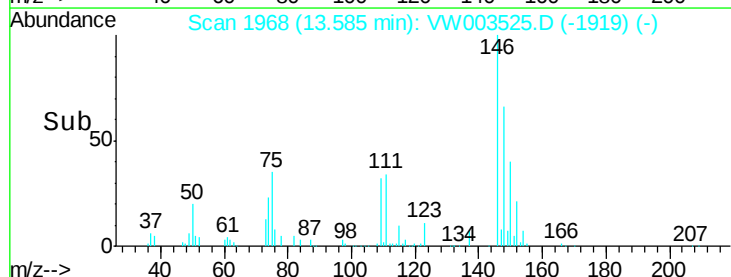
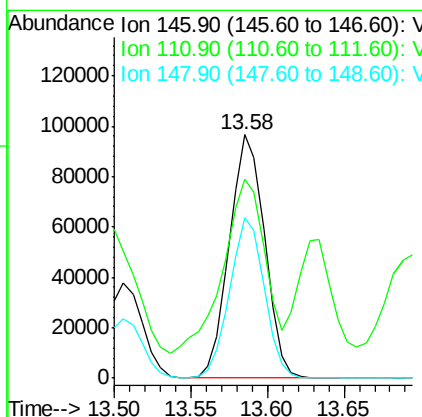
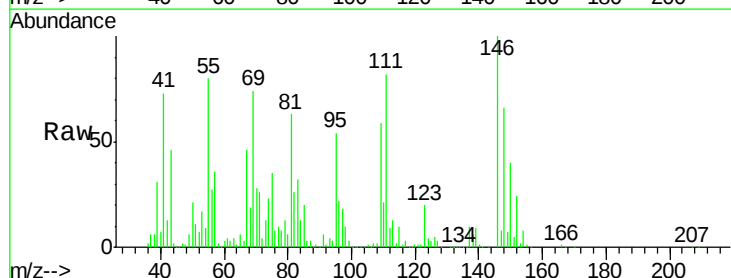
Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-25-27-180620

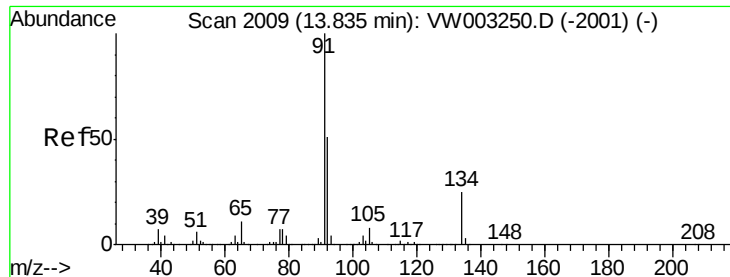
Tgt Ion:146 Resp: 60106
 Ion Ratio Lower Upper
 146 100
 111 202.7 19.8 59.4#
 148 63.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 25.308 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003525.D
 Acq: 24 Jun 2018 21:32

Tgt Ion:146 Resp: 154430
 Ion Ratio Lower Upper
 146 100
 111 85.5 19.2 57.6#
 148 64.7 31.8 95.4





#89

n-Butylbenzene

Concen: 2.842 ug/l

RT: 13.81 min Scan# 2005

Delta R.T. -0.02 min

Lab File: VW003525.D

Acq: 24 Jun 2018 21:32

Instrument :

MSVOA_W

ClientSampleId :

WP021SB474-25-27-180620

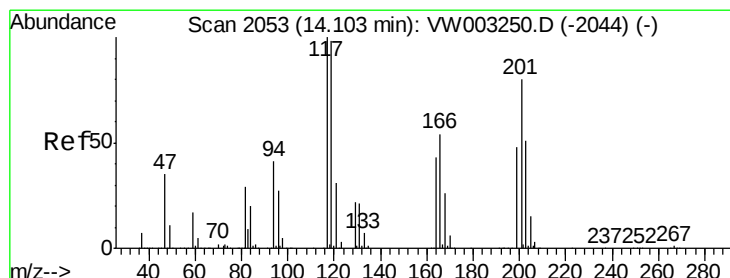
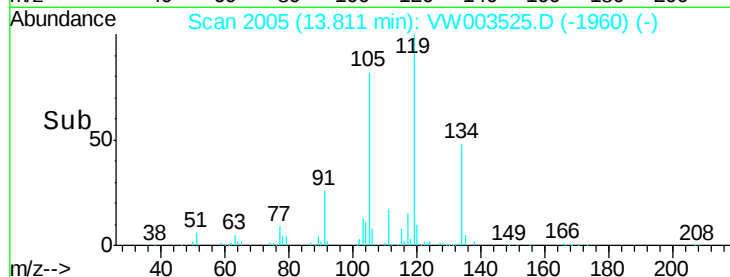
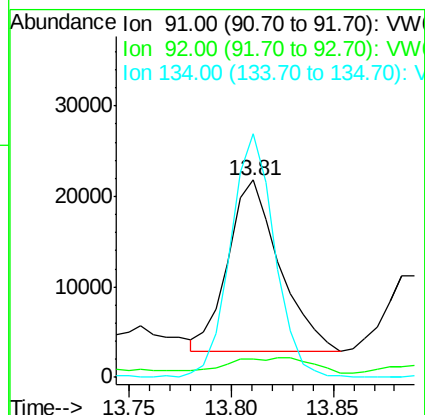
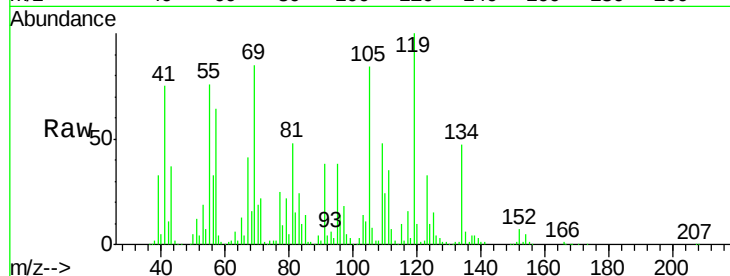
Tgt Ion: 91 Resp: 33330

Ion Ratio Lower Upper

91 100

92 14.4 26.0 78.0#

134 121.3 12.7 38.0#



#90

Hexachloroethane

Concen: 3.059 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003525.D

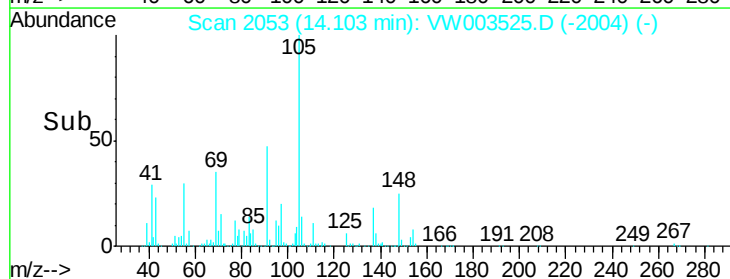
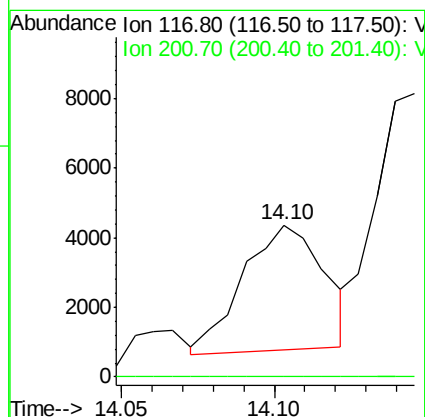
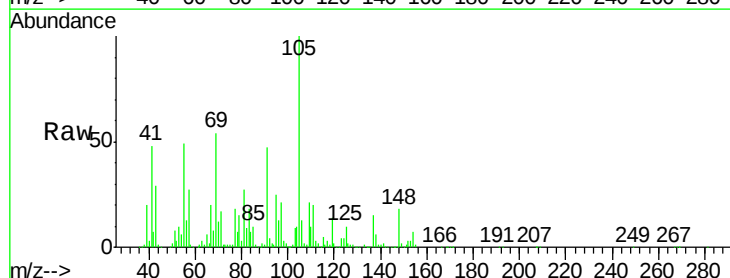
Acq: 24 Jun 2018 21:32

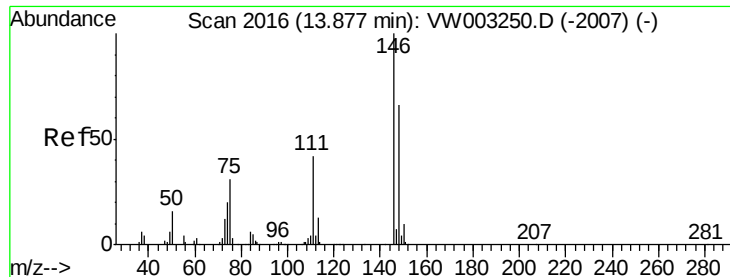
Tgt Ion: 117 Resp: 6657

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#

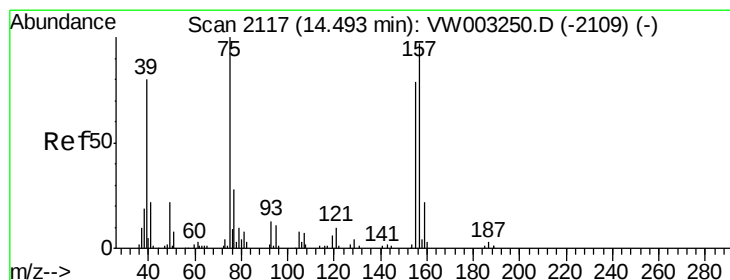
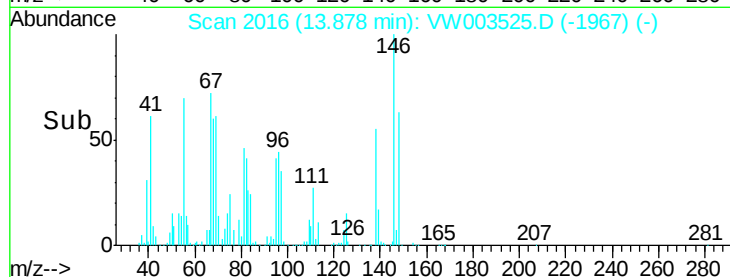
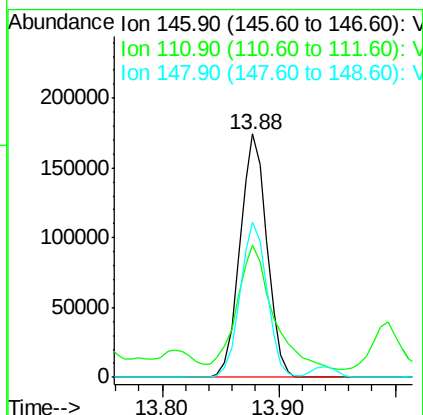
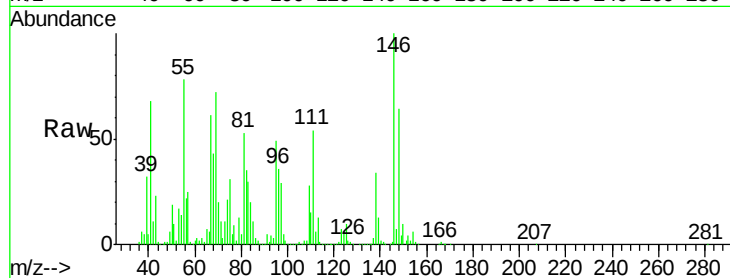




#91
 1,2-Dichlorobenzene
 Concen: 52.145 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003525.D
 Acq: 24 Jun 2018 21:32

Instrument :
 MSVOA_W
 ClientSampleId :
 WP021SB474-25-27-180620

Tgt Ion: 146 Resp: 280362
 Ion Ratio Lower Upper
 146 100
 111 67.7 20.3 61.0#
 148 63.9 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.817 ug/l
 RT: 14.51 min Scan# 2120
 Delta R.T. 0.02 min
 Lab File: VW003525.D
 Acq: 24 Jun 2018 21:32

Tgt Ion: 75 Resp: 1394
 Ion Ratio Lower Upper
 75 100
 155 9.9 39.4 118.2#
 157 0.0 51.5 154.5#

