

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
 Data File : VW007724.D
 Acq On : 20 Dec 2018 04:14
 Operator : SY/AP
 Sample : VW1221SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Quant Time: Dec 20 06:55:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	123905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	112332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56198	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	43879	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
35) Dibromofluoromethane	7.88	113	40212	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
50) Toluene-d8	10.32	98	152783	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
62) 4-Bromofluorobenzene	12.62	95	58281	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12260	18.498	ug/l	96
3) Chloromethane	2.21	50	9840	24.178	ug/l	95
4) Vinyl Chloride	2.37	62	12459	24.048	ug/l	94
5) Bromomethane	2.78	94	8850	24.526	ug/l	91
6) Chloroethane	2.93	64	7087	25.569	ug/l	98
7) Trichlorofluoromethane	3.26	101	10910	20.227	ug/l	89
8) Diethyl Ether	3.68	74	7663	23.195	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	16561	20.848	ug/l	98
10) Methyl Iodide	4.26	142	28339	22.433	ug/l	99
11) Tert butyl alcohol	5.17	59	6357	115.323	ug/l	100
12) 1,1-Dichloroethene	4.03	96	15697	21.340	ug/l	98
13) Acrolein	3.89	56	4686	106.320	ug/l	96
14) Allyl chloride	4.67	41	22138	22.950	ug/l	96
15) Acrylonitrile	5.37	53	15644	111.010	ug/l	100
16) Acetone	4.12	43	14141	92.413	ug/l	98
17) Carbon Disulfide	4.38	76	48652	21.374	ug/l	97
18) Methyl Acetate	4.67	43	8189	22.502	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	24818	23.502	ug/l	96
20) Methylene Chloride	4.90	84	19822	22.425	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	17549	21.692	ug/l	93
22) Diisopropyl ether	6.31	45	43105	23.865	ug/l	98
23) Vinyl Acetate	6.26	43	119483	111.343	ug/l	97
24) 1,1-Dichloroethane	6.21	63	29927	22.523	ug/l	99
25) 2-Butanone	7.17	43	18847	105.154	ug/l	94
26) 2,2-Dichloropropane	7.17	77	19733	20.295	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	19978	23.179	ug/l	98
28) Bromochloromethane	7.51	49	9363	20.667	ug/l	93
29) Tetrahydrofuran	7.53	42	11989	112.142	ug/l	97
30) Chloroform	7.68	83	32579	21.666	ug/l	99
31) Cyclohexane	7.95	56	25556	21.009	ug/l	# 90
32) 1,1,1-Trichloroethane	7.87	97	29722	21.703	ug/l	99
36) 1,1-Dichloropropene	8.08	75	24725	20.675	ug/l	99
37) Ethyl Acetate	7.25	43	8676	21.021	ug/l	97
38) Carbon Tetrachloride	8.07	117	27517	19.538	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	29811	20.061	ug/l	97
40) Benzene	8.32	78	69264	21.704	ug/l	98
41) Methacrylonitrile	7.48	41	4990	21.295	ug/l	94
42) 1,2-Dichloroethane	8.40	62	22428	20.971	ug/l	99
43) Isopropyl Acetate	8.43	43	17329	20.957	ug/l	99
44) Trichloroethene	9.09	130	20787	21.539	ug/l	98
45) 1,2-Dichloropropane	9.37	63	15802	22.316	ug/l	98
46) Dibromomethane	9.46	93	9170	21.037	ug/l	97
47) Bromodichloromethane	9.65	83	24242	21.155	ug/l	99
48) Methyl methacrylate	9.44	41	8443	20.456	ug/l	99
49) 1,4-Dioxane	9.45	88	3197	462.604	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	41651	106.585	ug/l	99
52) Toluene	10.39	92	46269	21.610	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	23617	20.720	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	26739	21.238	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	12897	21.462	ug/l	97
56) Ethyl methacrylate	10.65	69	15175	21.374	ug/l	95
57) 1,3-Dichloropropane	10.93	76	22040	22.088	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	34470	106.336	ug/l	99
59) 2-Hexanone	10.97	43	28162	102.473	ug/l	100
60) Dibromochloromethane	11.13	129	16367	20.571	ug/l	99
61) 1,2-Dibromoethane	11.24	107	12961	21.299	ug/l	98
64) Tetrachloroethene	10.87	164	17823	22.406	ug/l	96
65) Chlorobenzene	11.66	112	52150	21.449	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	18530	21.329	ug/l	98
67) Ethyl Benzene	11.73	91	92323	22.128	ug/l	99
68) m/p-Xylenes	11.84	106	70677	43.670	ug/l	100
69) o-Xylene	12.17	106	33737	22.238	ug/l	100
70) Styrene	12.18	104	54962	22.040	ug/l	99
71) Bromoform	12.35	173	9312	20.648	ug/l #	97
73) Isopropylbenzene	12.47	105	94624	22.275	ug/l	99
74) N-amyl acetate	12.27	43	16670	22.655	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	13667	21.458	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	19303	44.440	ug/l #	100
77) Bromobenzene	12.75	156	21319	21.899	ug/l	100
78) n-propylbenzene	12.81	91	109730	22.191	ug/l	100
79) 2-Chlorotoluene	12.90	91	64485	22.386	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	81983	22.374	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4101	19.818	ug/l	94
82) 4-Chlorotoluene	12.99	91	68272	22.259	ug/l	99
83) tert-Butylbenzene	13.21	119	72245	22.471	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	84934	22.972	ug/l	100
85) sec-Butylbenzene	13.39	105	99083	22.362	ug/l	99
86) p-Isopropyltoluene	13.51	119	89563	22.229	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	42856	22.172	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	43200	22.343	ug/l	99
89) n-Butylbenzene	13.83	91	80513	21.795	ug/l	100
90) Hexachloroethane	14.10	117	15319	21.657	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	38710	22.368	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2623	20.054	ug/l	93

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QLast Update : Thu Dec 20 06:30:23 2018
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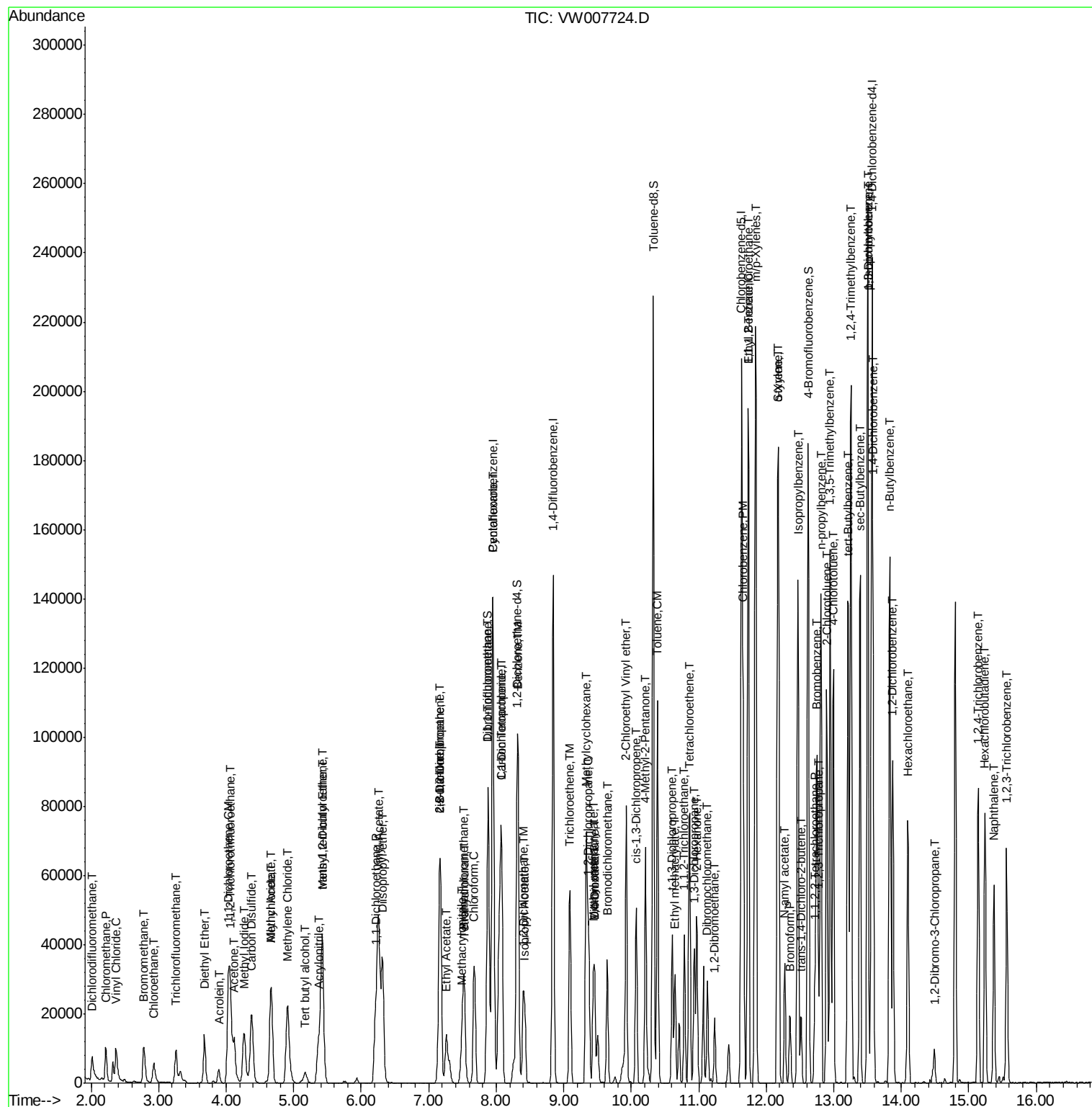
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26353	21.937	ug/l	99
94) Hexachlorobutadiene	15.24	225	14098	21.960	ug/l	99
95) Naphthalene	15.37	128	50851	22.895	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	22787	22.160	ug/l	99

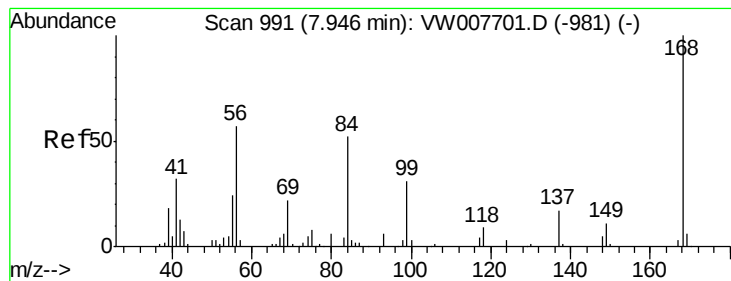
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

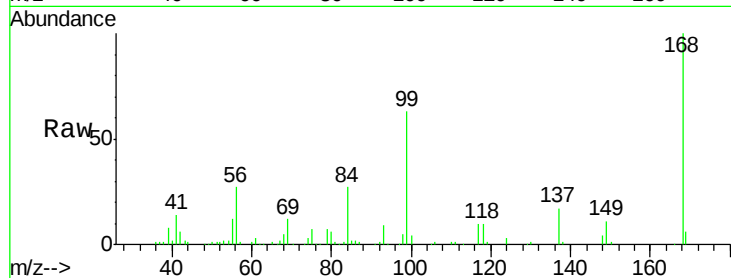
VW1221SBSD02

Tgt Ion:168 Resp: 74555

Ion Ratio Lower Upper

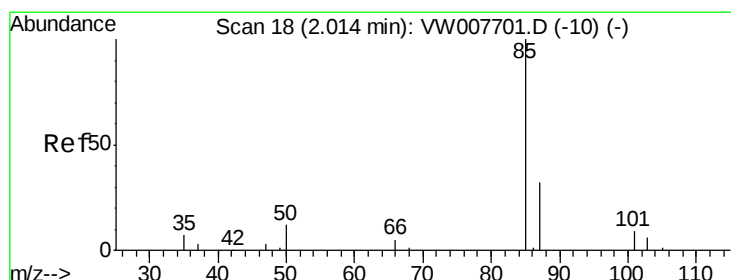
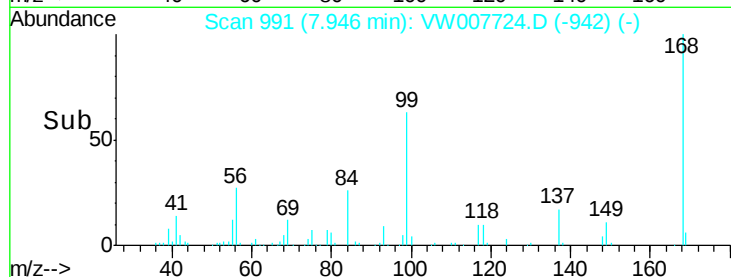
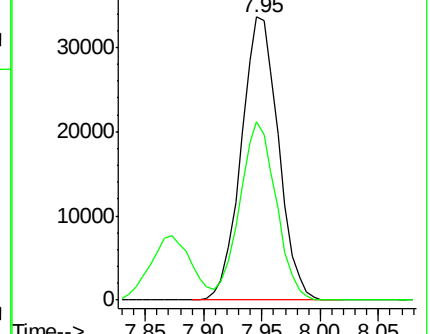
168 100

99 63.0 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.498 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007724.D

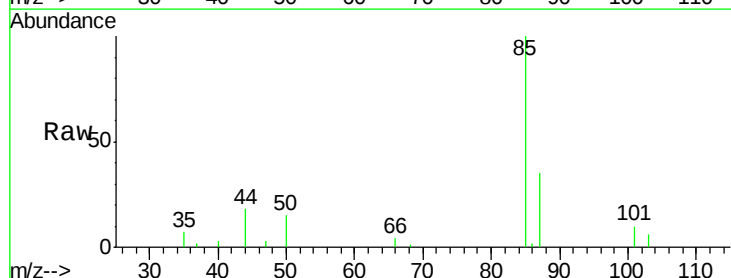
Acq: 20 Dec 2018 04:14

Tgt Ion: 85 Resp: 12260

Ion Ratio Lower Upper

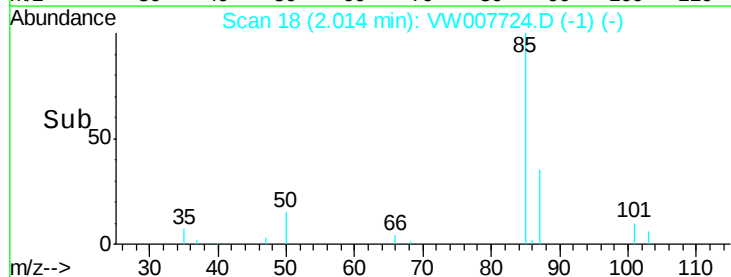
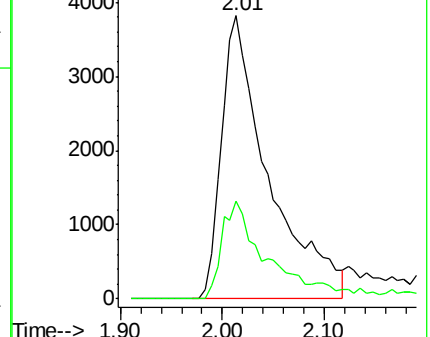
85 100

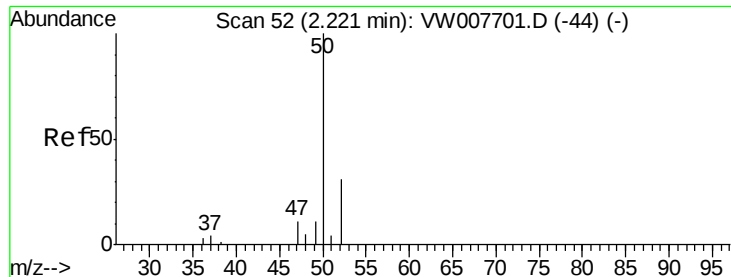
87 34.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 24.178 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

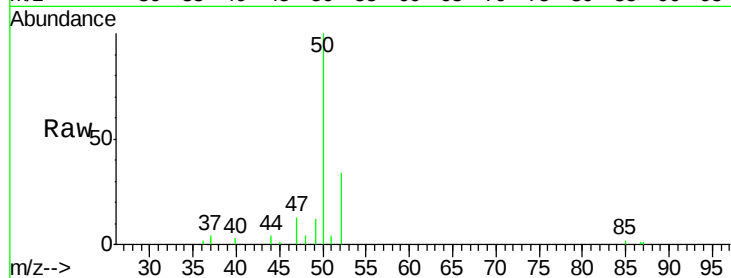
VW1221SBSD02

Tgt Ion: 50 Resp: 9840

Ion Ratio Lower Upper

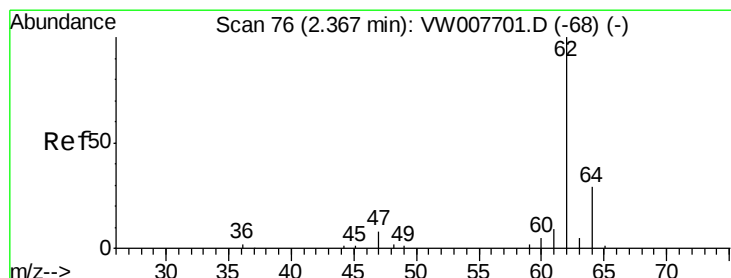
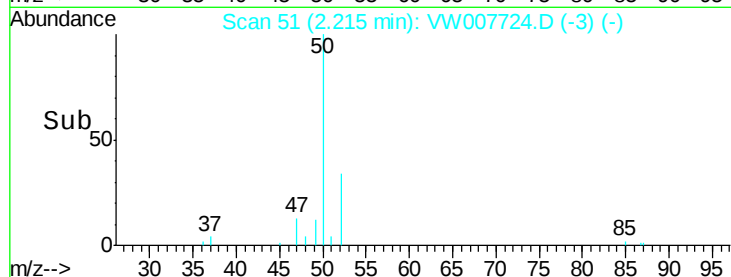
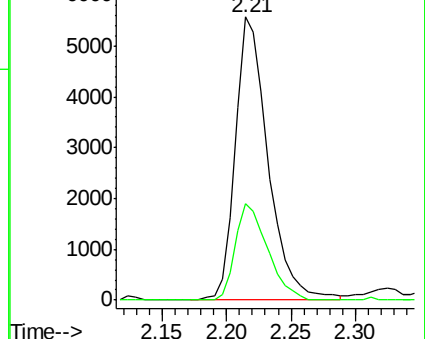
50 100

52 34.3 25.1 37.7



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 24.048 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007724.D

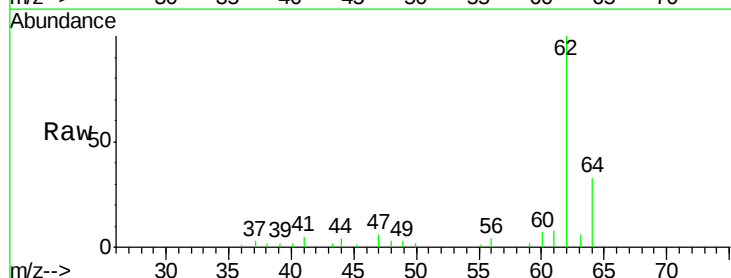
Acq: 20 Dec 2018 04:14

Tgt Ion: 62 Resp: 12459

Ion Ratio Lower Upper

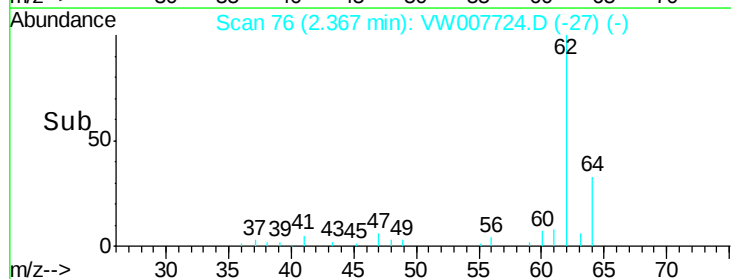
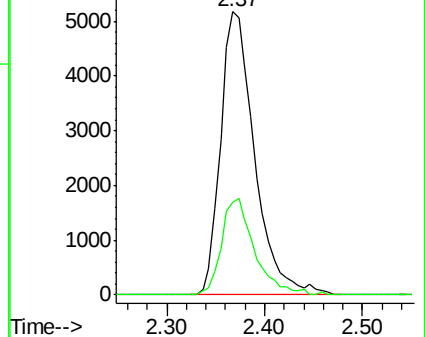
62 100

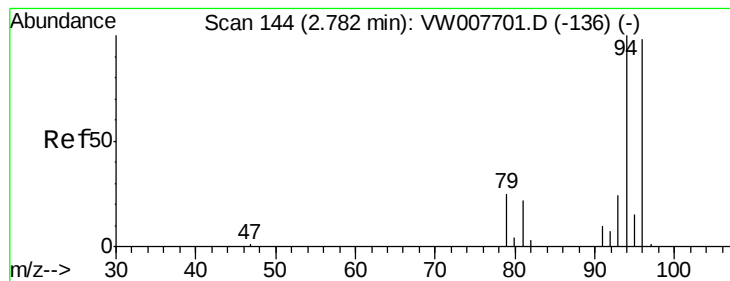
64 32.6 23.4 35.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 24.526 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

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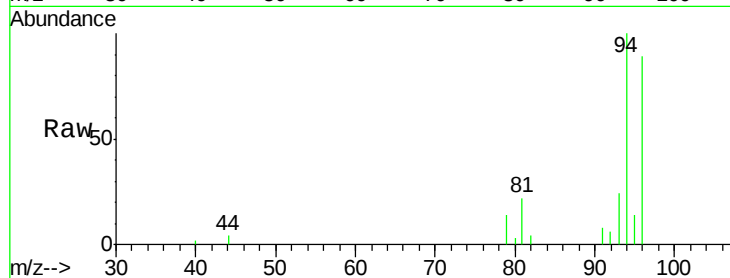
VW1221SBSD02

Tgt Ion: 94 Resp: 8850

Ion Ratio Lower Upper

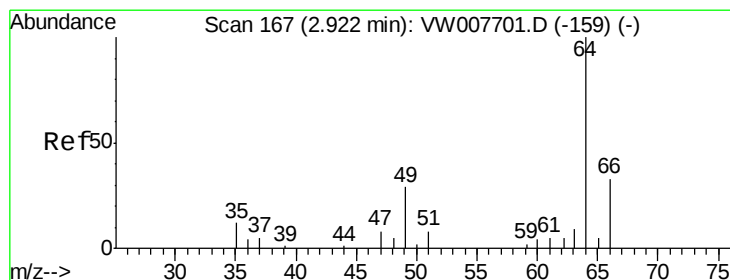
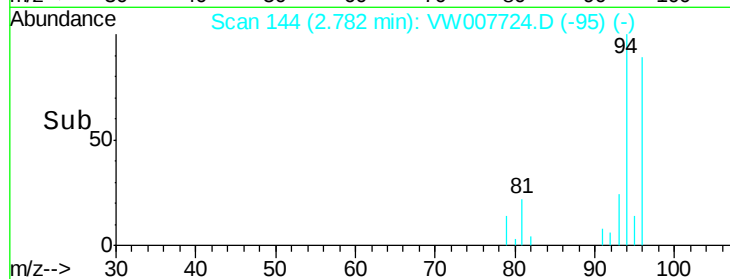
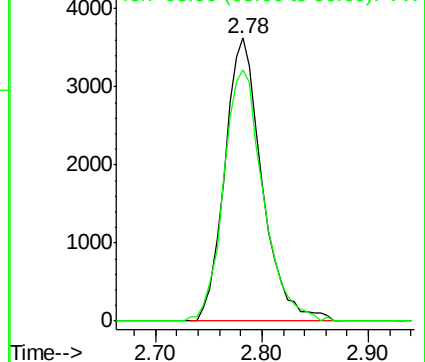
94 100

96 88.9 78.2 117.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 25.569 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007724.D

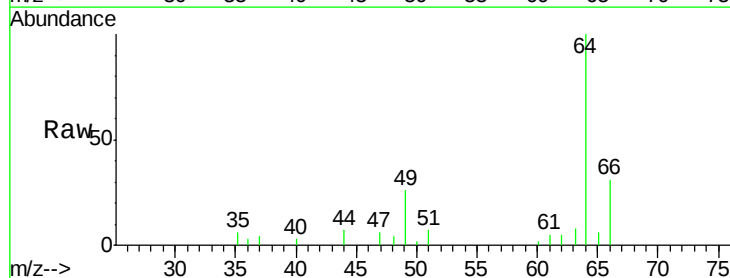
Acq: 20 Dec 2018 04:14

Tgt Ion: 64 Resp: 7087

Ion Ratio Lower Upper

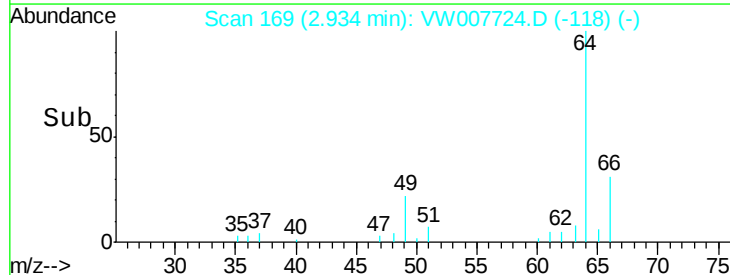
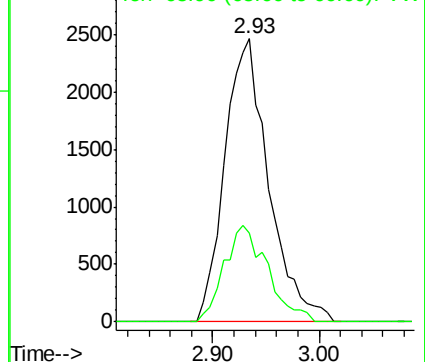
64 100

66 31.5 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



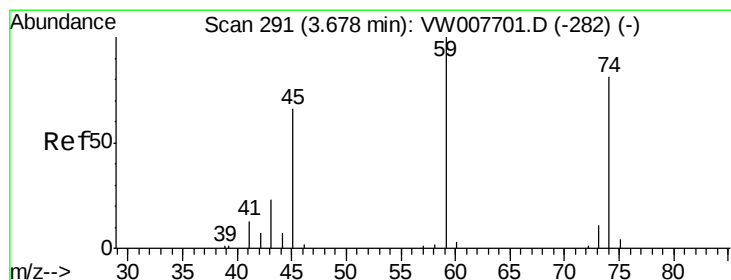
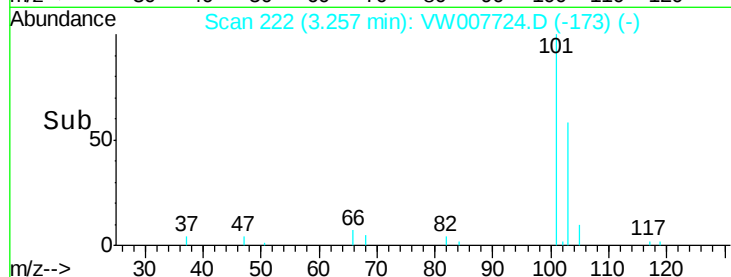
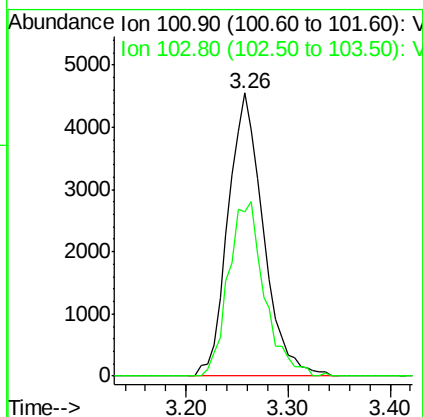
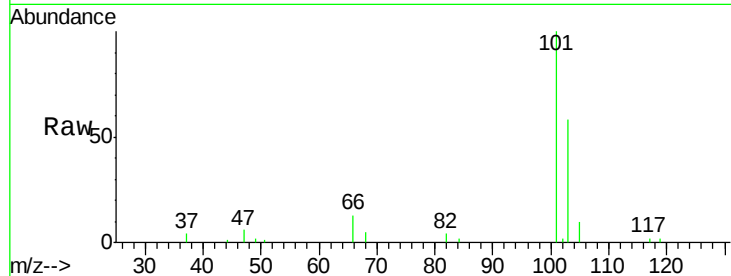


#7

Trichlorofluoromethane
 Concen: 20.227 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Instrument :
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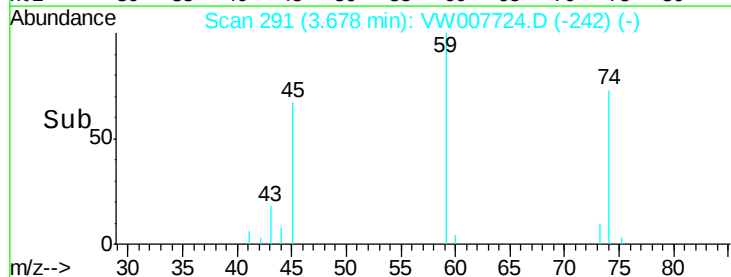
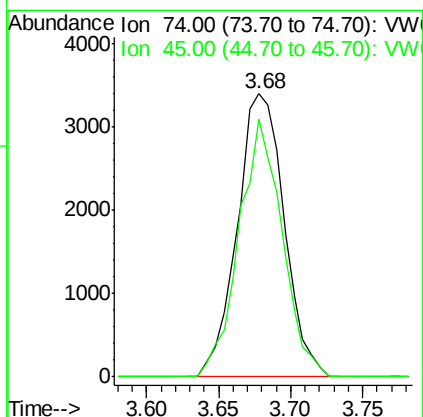
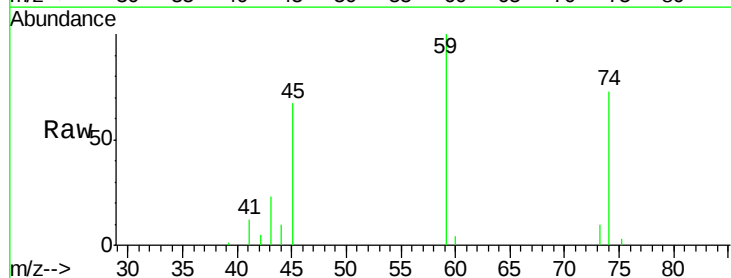
Tgt Ion: 101 Resp: 10910
 Ion Ratio Lower Upper
 101 100
 103 58.3 53.4 80.2

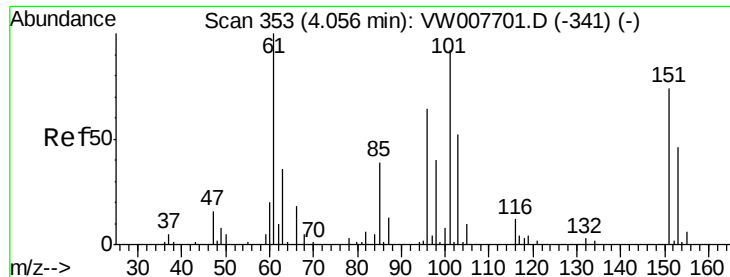


#8

Diethyl Ether
 Concen: 23.195 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion: 74 Resp: 7663
 Ion Ratio Lower Upper
 74 100
 45 84.1 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.848 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

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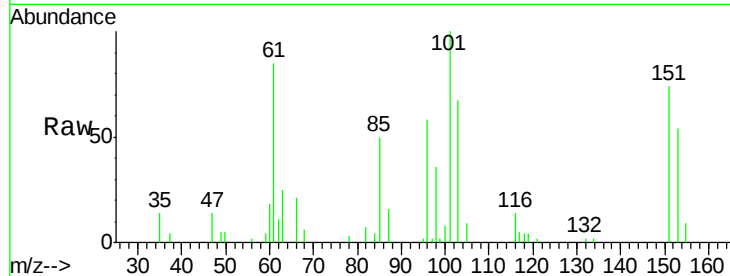
Tgt Ion:101 Resp: 16561

Ion Ratio Lower Upper

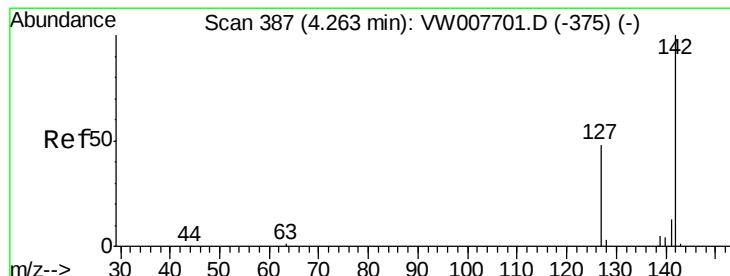
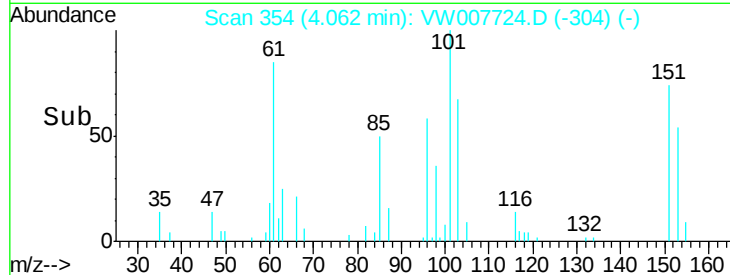
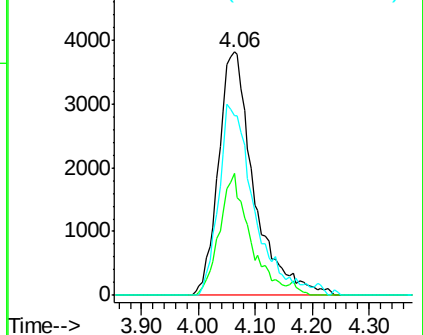
101 100

85 42.9 34.3 51.5

151 77.9 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.433 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

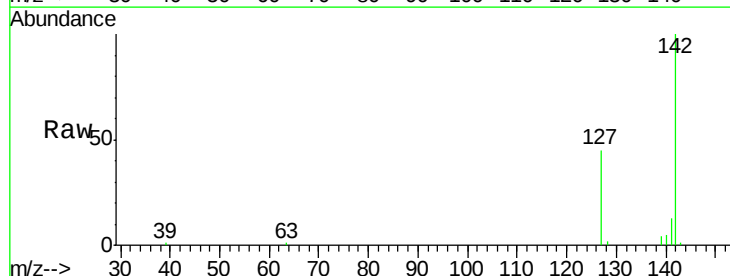
Tgt Ion:142 Resp: 28339

Ion Ratio Lower Upper

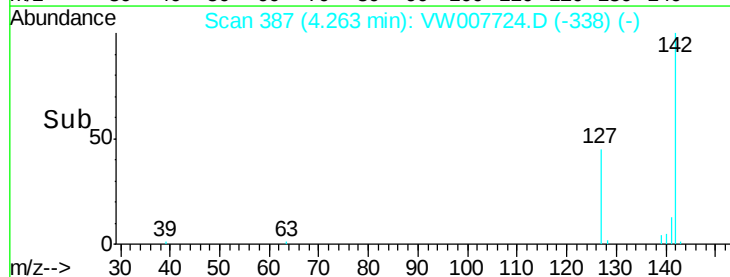
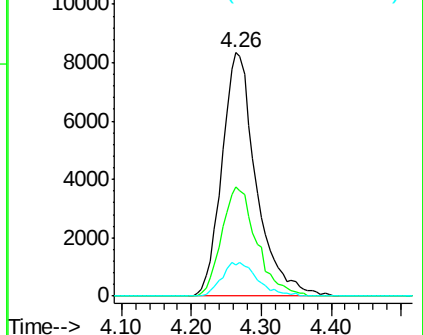
142 100

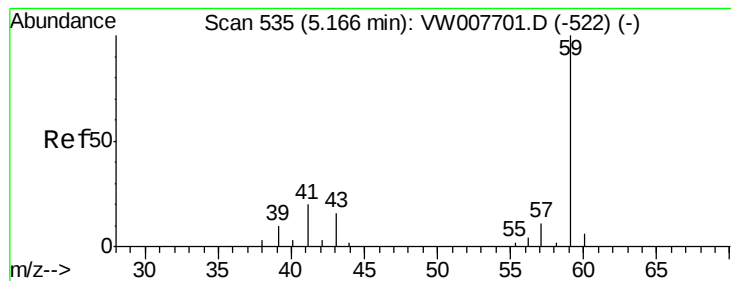
127 45.8 37.7 56.5

141 14.4 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



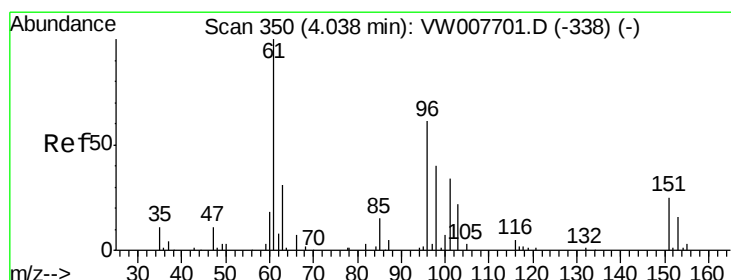
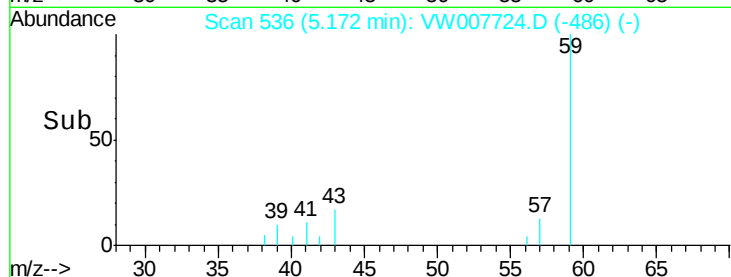
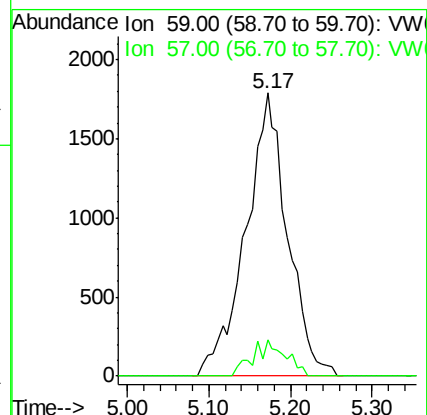
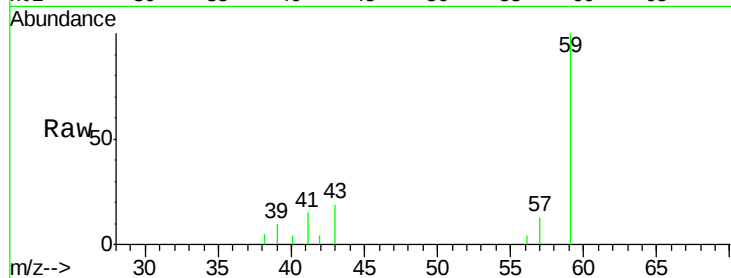


#11

Tert butyl alcohol
 Concen: 115.323 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

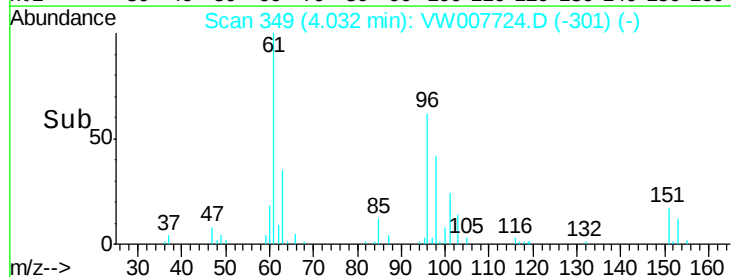
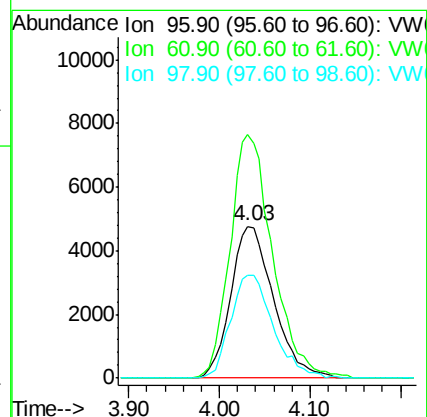
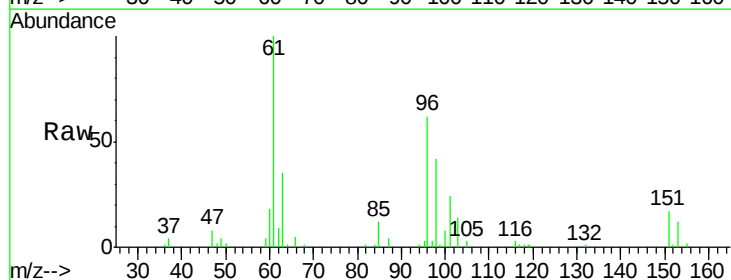
Tgt Ion: 59 Resp: 6357
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.8 11.8

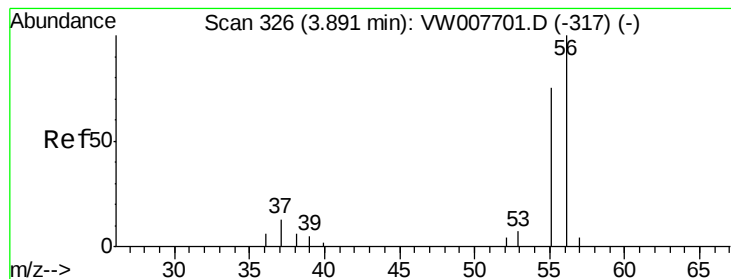


#12

1,1-Dichloroethene
 Concen: 21.340 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion: 96 Resp: 15697
 Ion Ratio Lower Upper
 96 100
 61 160.1 130.6 195.8
 98 67.3 52.3 78.5





#13

Acrolein

Concen: 106.320 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

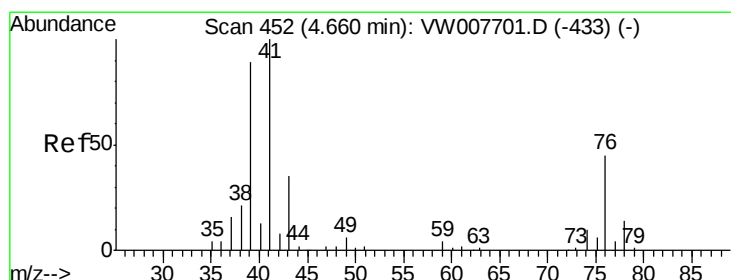
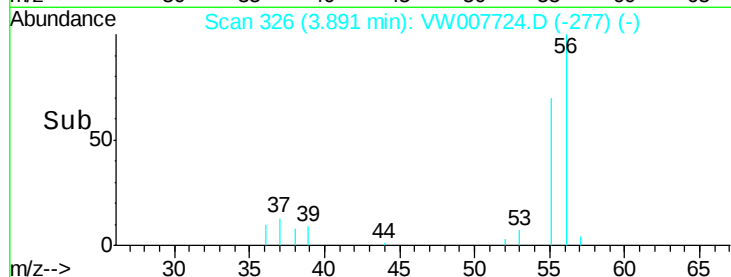
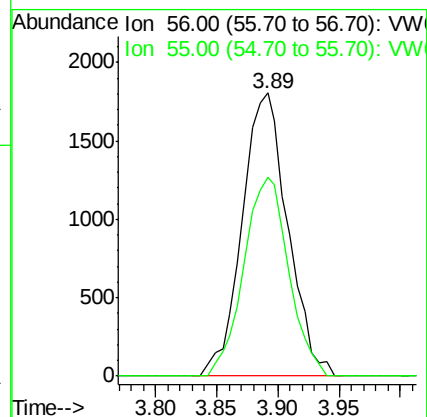
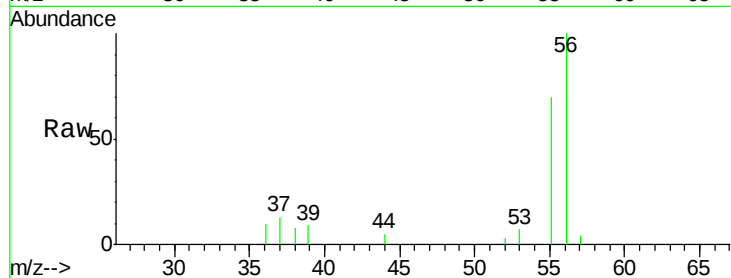
VW1221SBSD02

Tgt Ion: 56 Resp: 4686

Ion Ratio Lower Upper

56 100

55 69.0 57.7 86.5



#14

Allyl chloride

Concen: 22.950 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

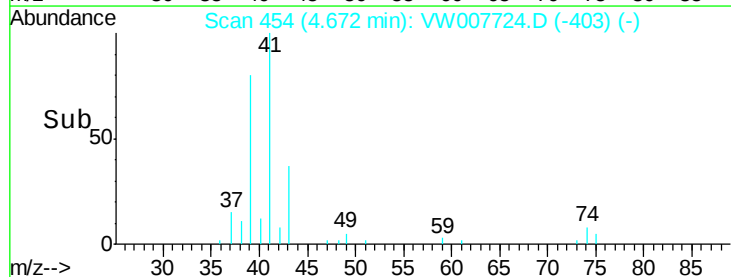
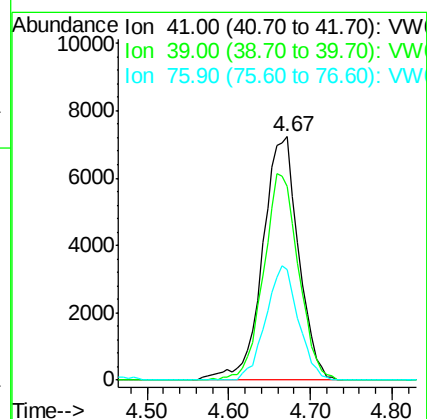
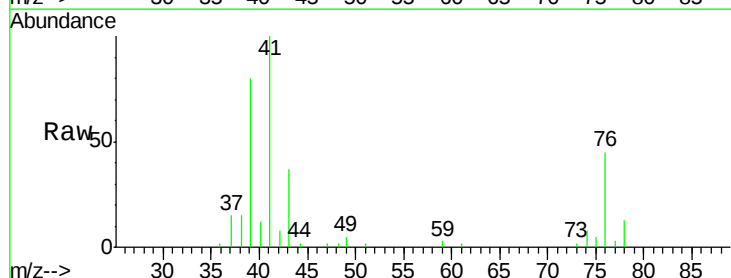
Tgt Ion: 41 Resp: 22138

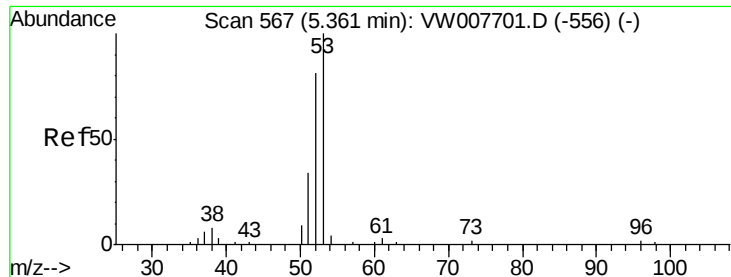
Ion Ratio Lower Upper

41 100

39 82.4 69.5 104.3

76 42.5 34.8 52.2





#15

Acrylonitrile

Concen: 111.010 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS02

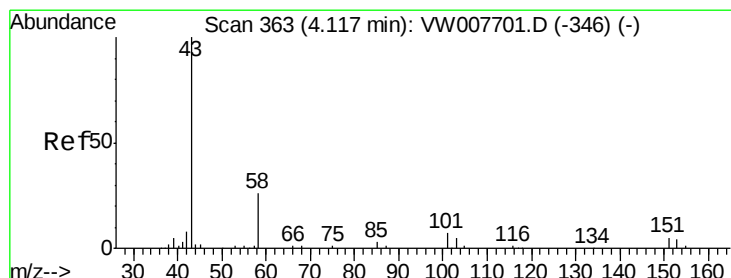
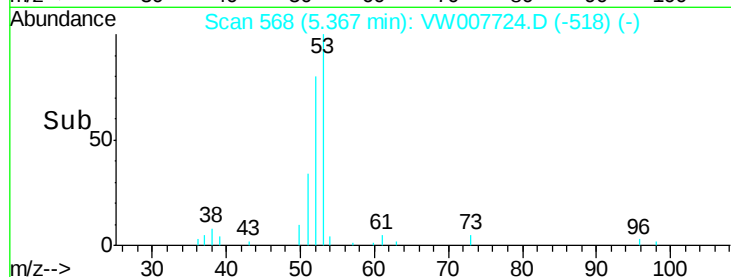
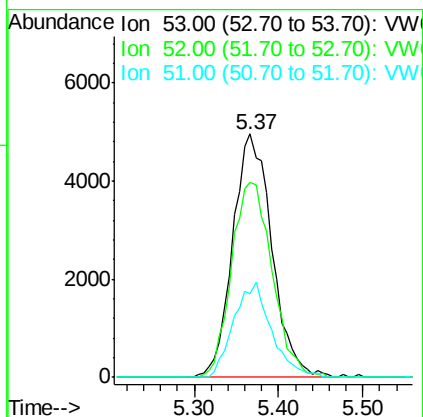
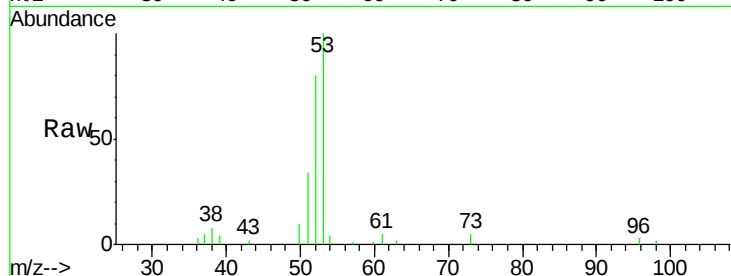
Tgt Ion: 53 Resp: 15644

Ion Ratio Lower Upper

53 100

52 83.3 67.0 100.4

51 37.5 30.2 45.2



#16

Acetone

Concen: 92.413 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007724.D

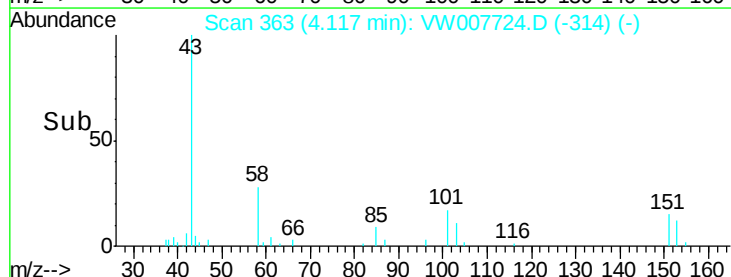
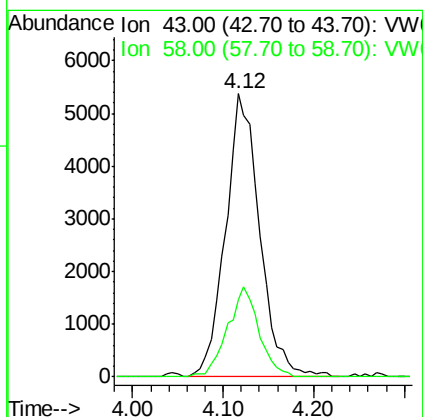
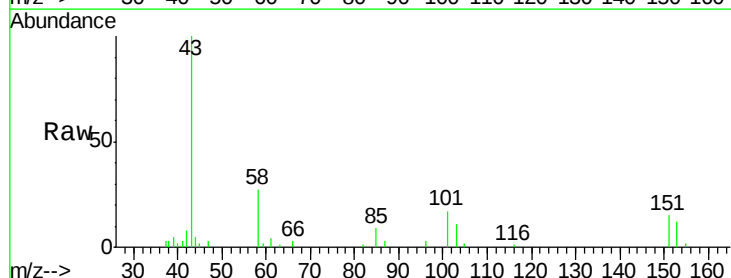
Acq: 20 Dec 2018 04:14

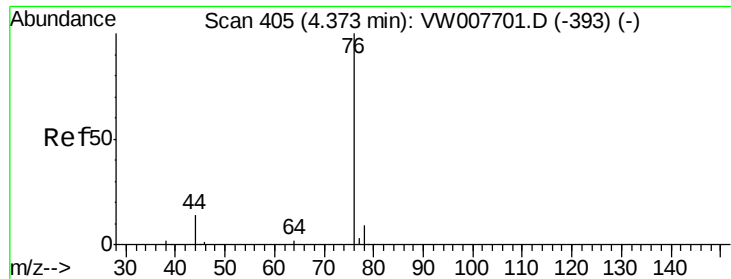
Tgt Ion: 43 Resp: 14141

Ion Ratio Lower Upper

43 100

58 27.4 21.2 31.8

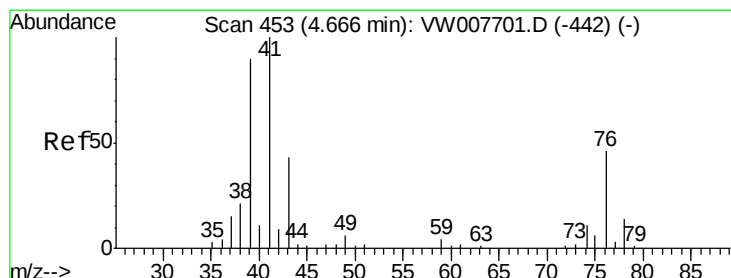
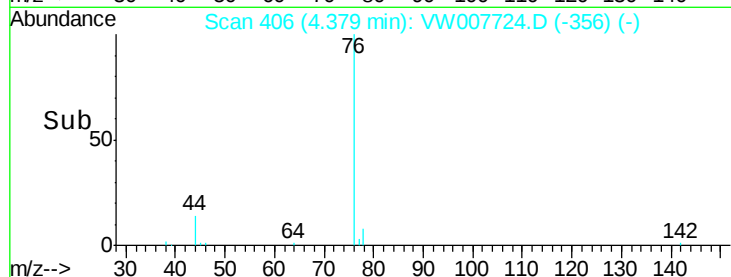
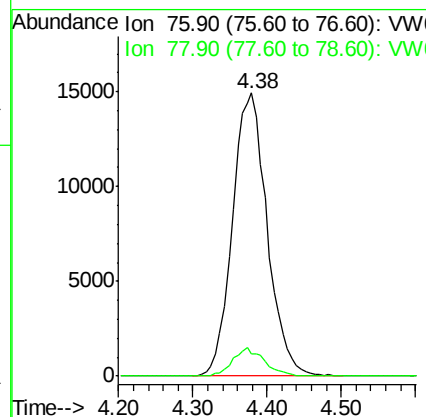
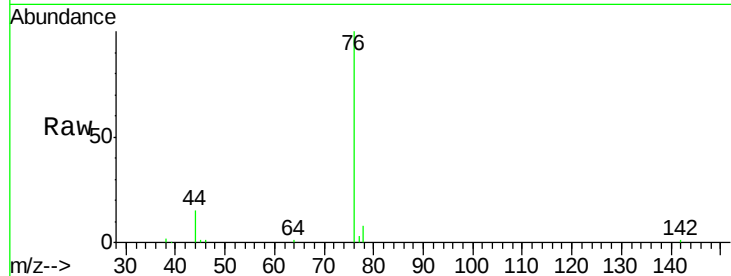




#17
Carbon Disulfide
Concen: 21.374 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

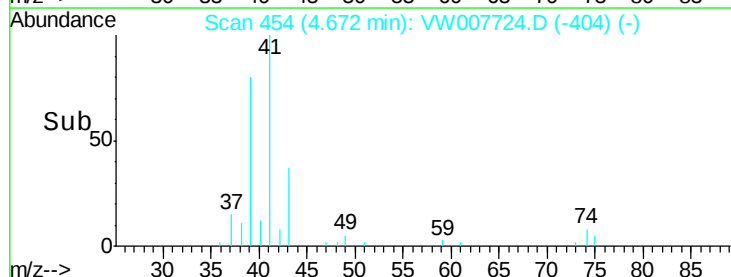
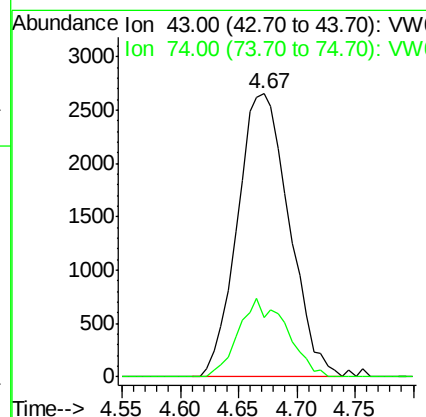
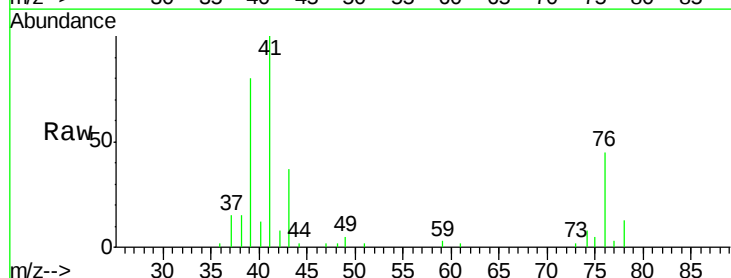
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

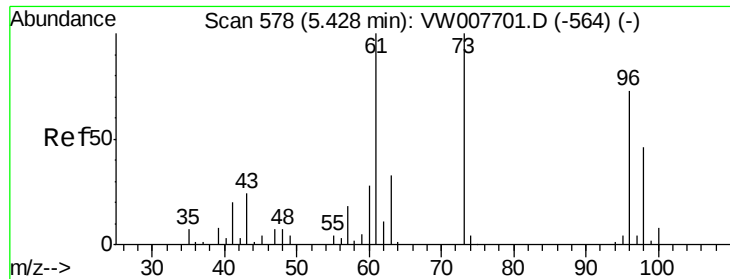
Tgt Ion: 76 Resp: 48652
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9



#18
Methyl Acetate
Concen: 22.502 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion: 43 Resp: 8189
Ion Ratio Lower Upper
43 100
74 25.8 22.7 34.1

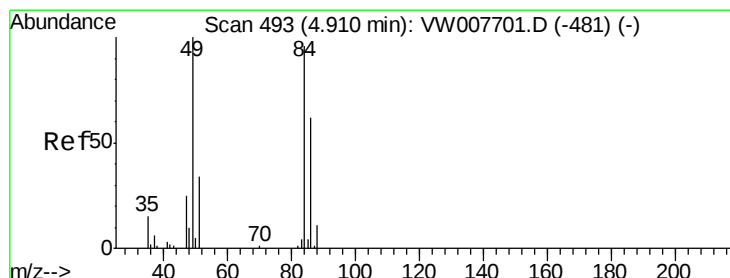
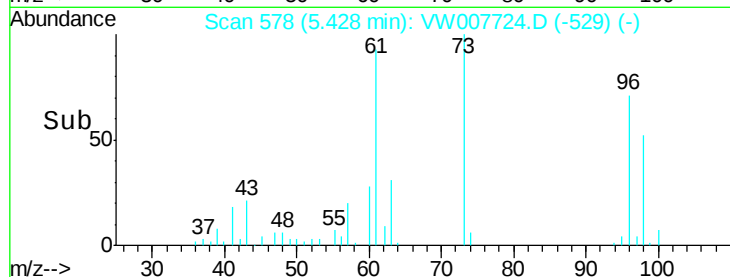
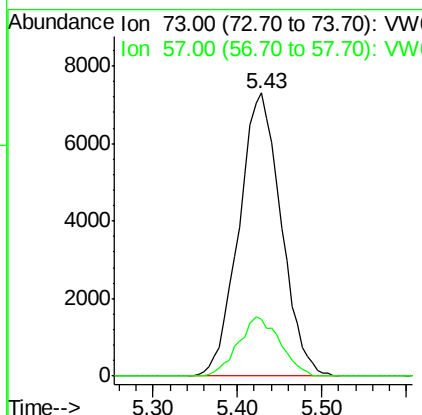
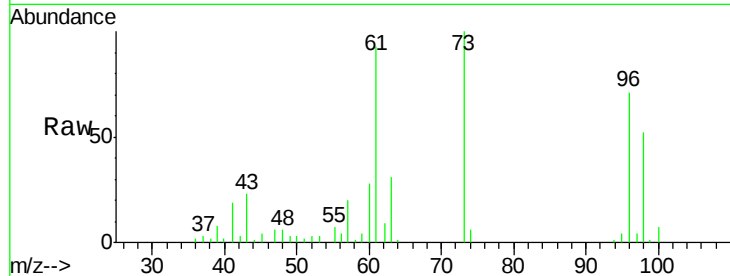




#19
Methyl tert-butyl Ether
Concen: 23.502 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

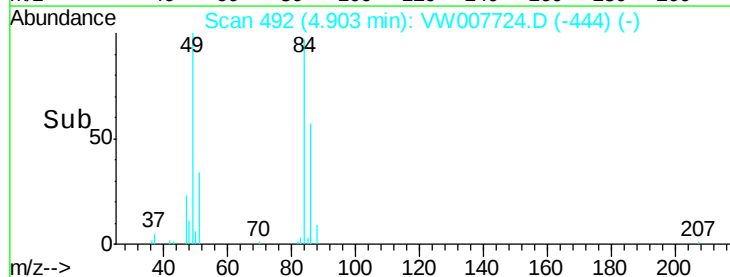
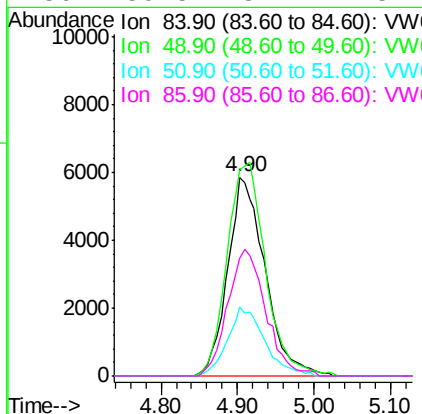
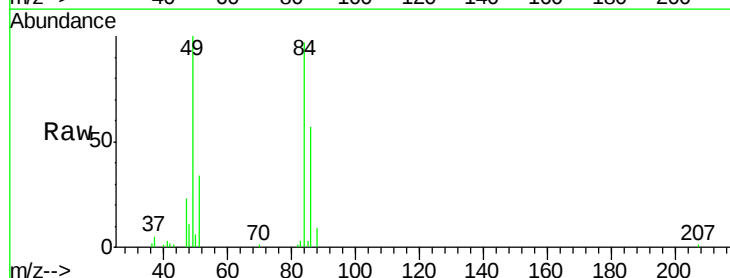
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

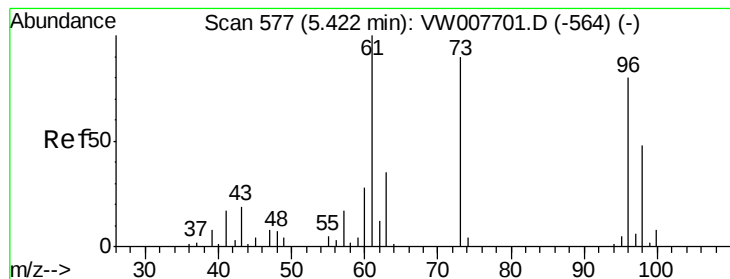
Tgt Ion: 73 Resp: 24818
Ion Ratio Lower Upper
73 100
57 20.0 14.7 22.1



#20
Methylene Chloride
Concen: 22.425 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion: 84 Resp: 19822
Ion Ratio Lower Upper
84 100
49 103.5 83.7 125.5
51 34.8 28.2 42.2
86 59.5 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 21.692 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD02

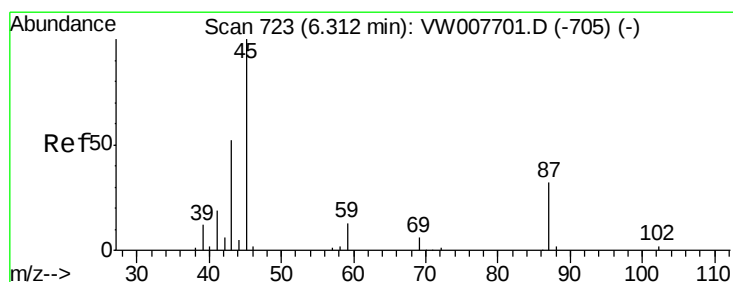
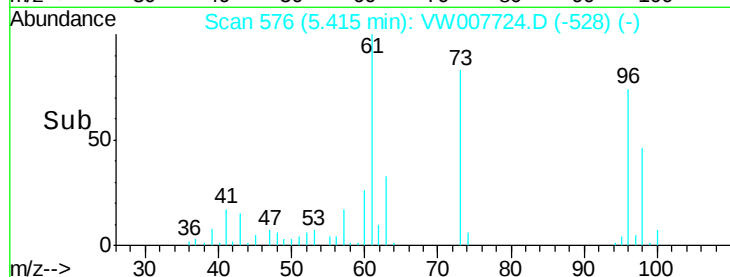
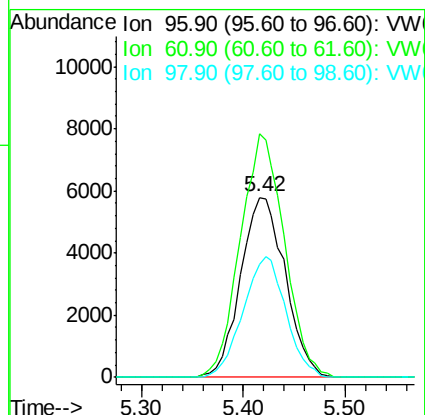
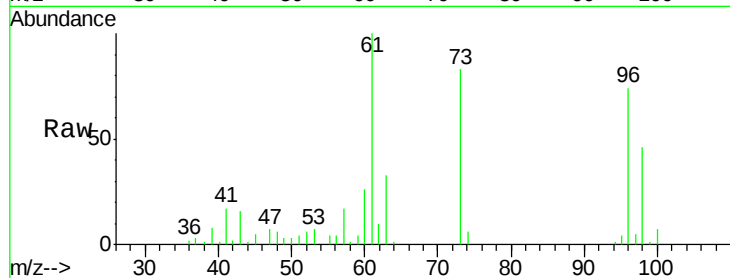
Tgt Ion: 96 Resp: 17549

Ion Ratio Lower Upper

96 100

61 135.5 100.1 150.1

98 62.6 48.5 72.7



#22

Diisopropyl ether

Concen: 23.865 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Tgt Ion: 45 Resp: 43105

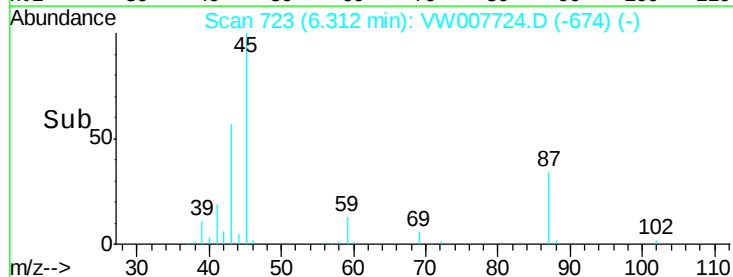
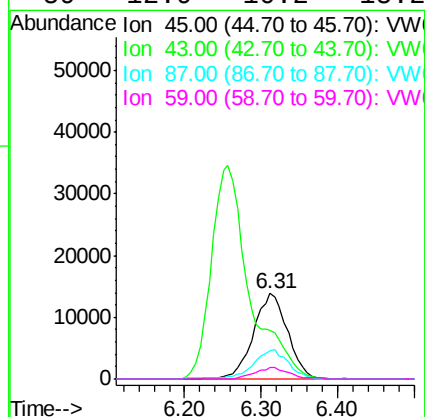
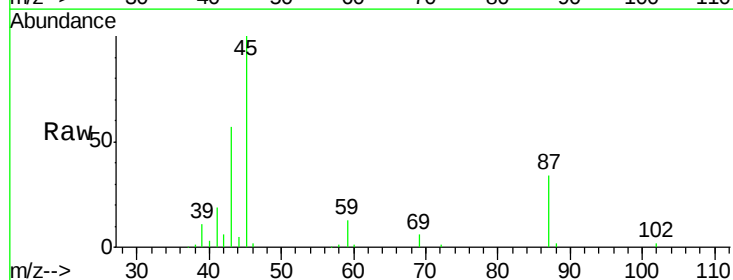
Ion Ratio Lower Upper

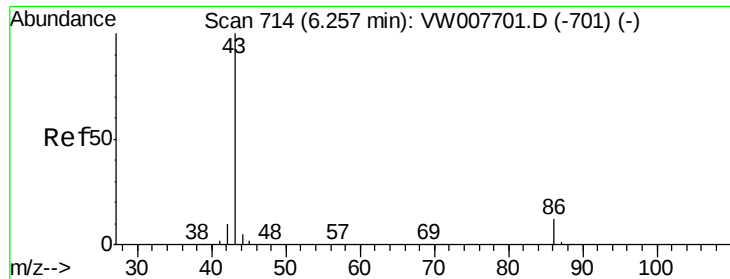
45 100

43 56.6 43.7 65.5

87 33.5 26.6 40.0

59 12.9 10.2 15.2





#23

Vinyl Acetate

Concen: 111.343 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

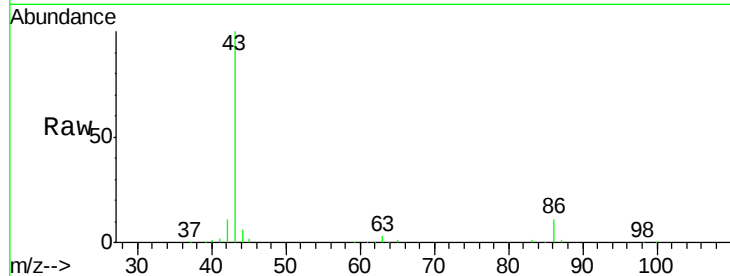
VW1221SBSD02

Tgt Ion: 43 Resp: 119483

Ion Ratio Lower Upper

43 100

86 10.9 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

40000

30000

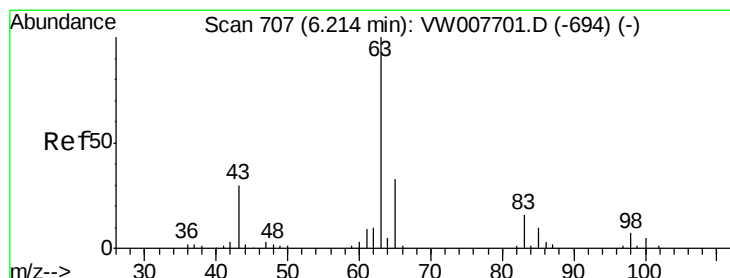
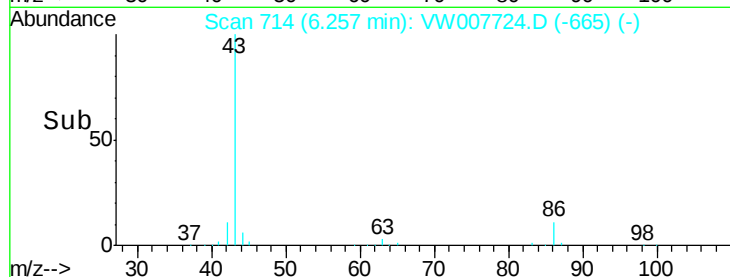
20000

10000

0

Time-->

6.10 6.20 6.30 6.40



#24

1,1-Dichloroethane

Concen: 22.523 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

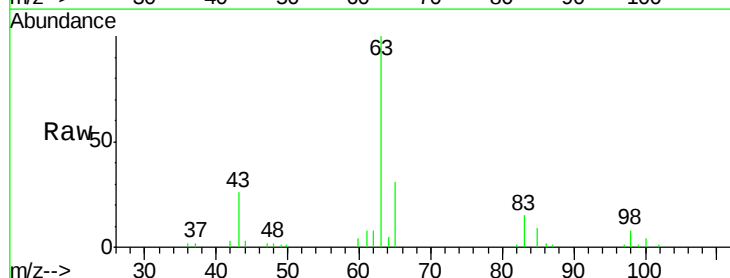
Tgt Ion: 63 Resp: 29927

Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

100 4.5 2.5 7.5



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

6.21

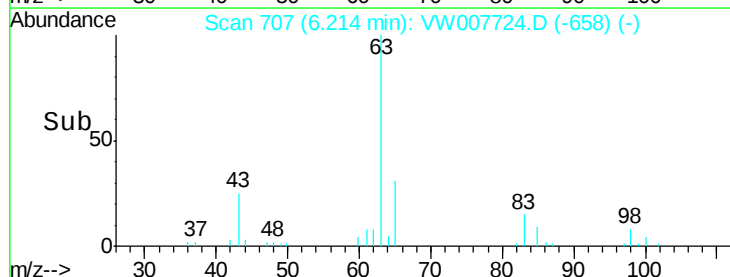
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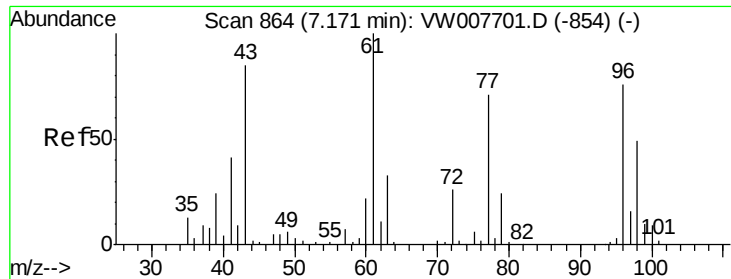
5000

0

Time-->

6.10 6.20 6.30





#25

2-Butanone

Concen: 105.154 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

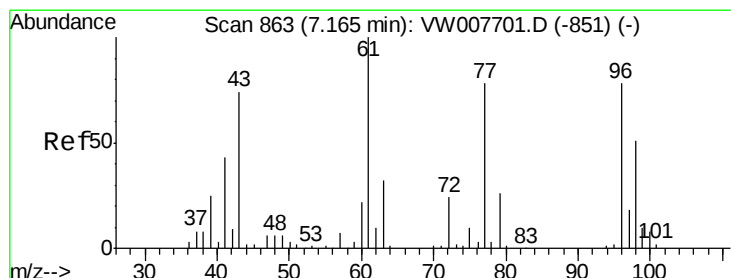
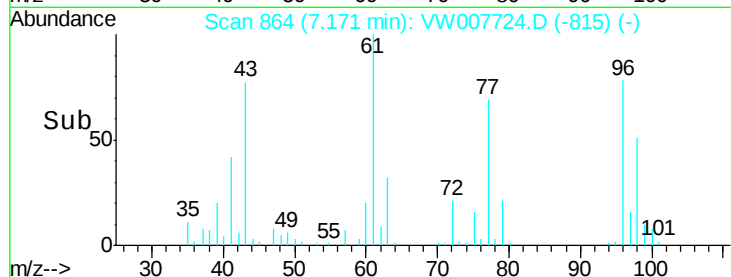
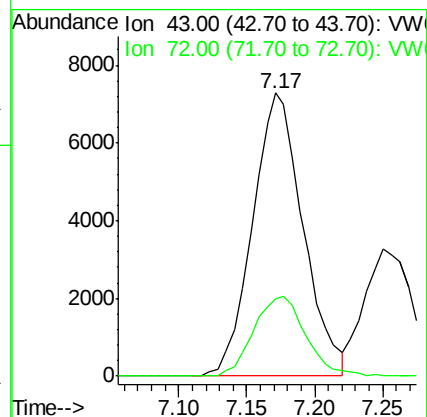
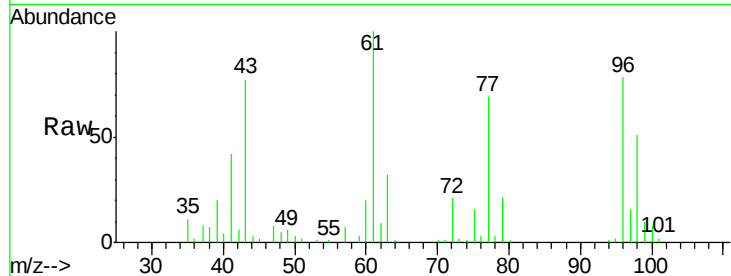
VW1221SBSD02

Tgt Ion: 43 Resp: 18847

Ion Ratio Lower Upper

43 100

72 27.3 24.5 36.7



#26

2,2-Dichloropropane

Concen: 20.295 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007724.D

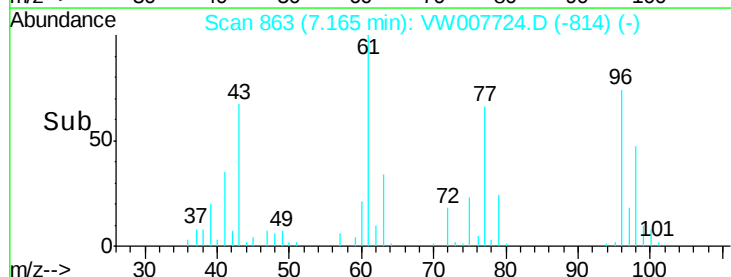
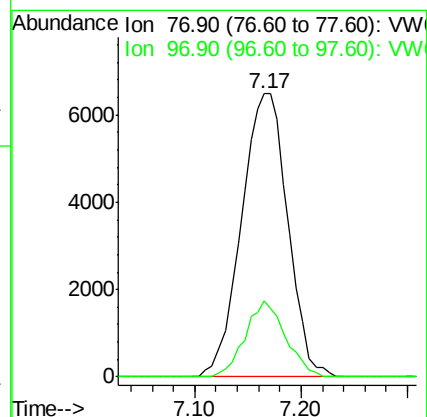
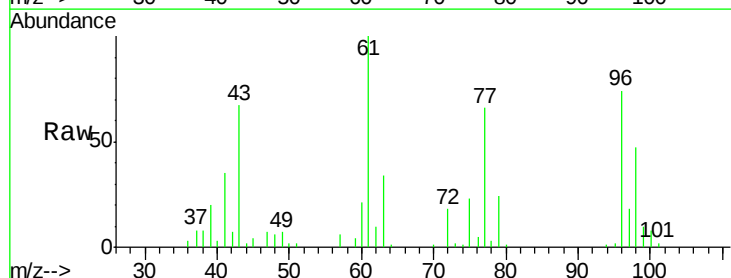
Acq: 20 Dec 2018 04:14

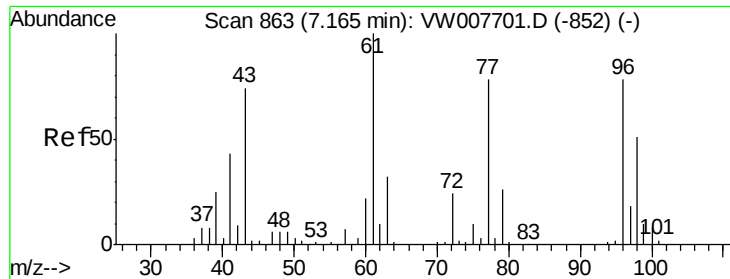
Tgt Ion: 77 Resp: 19733

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.9



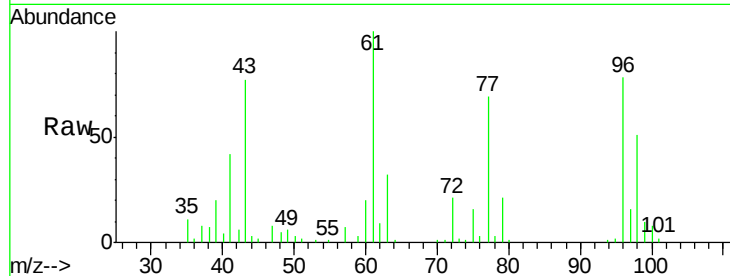


#27

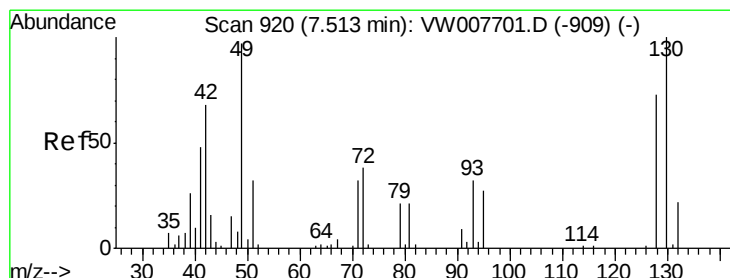
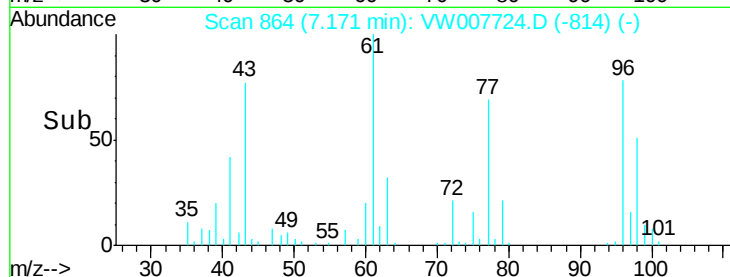
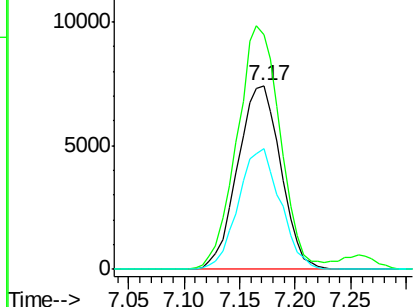
cis-1,2-Dichloroethene
Concen: 23.179 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

Tgt Ion: 96 Resp: 19978
Ion Ratio Lower Upper
96 100
61 133.0 0.0 271.6
98 64.0 0.0 131.2



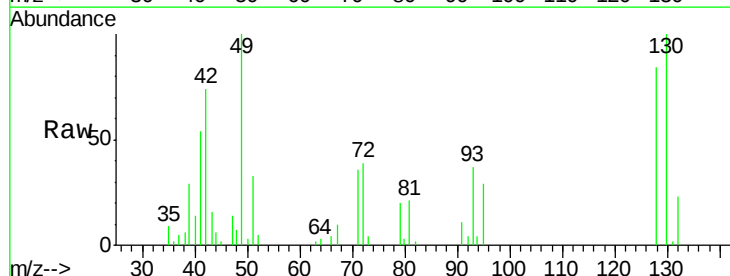
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



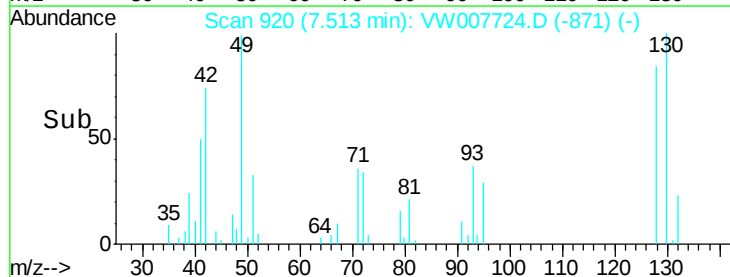
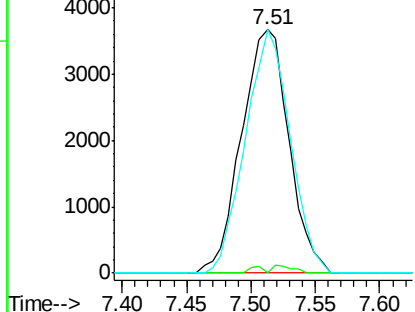
#28

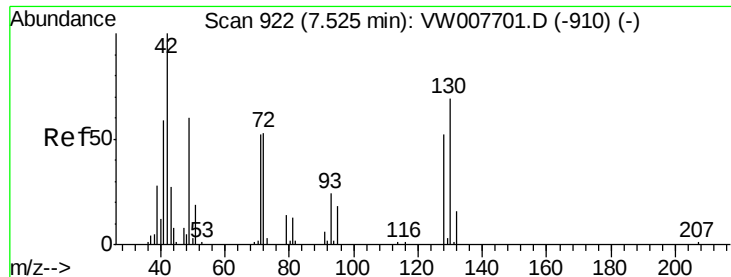
Bromochloromethane
Concen: 20.667 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion: 49 Resp: 9363
Ion Ratio Lower Upper
49 100
129 1.4 0.0 2.2
130 94.3 81.5 122.3



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

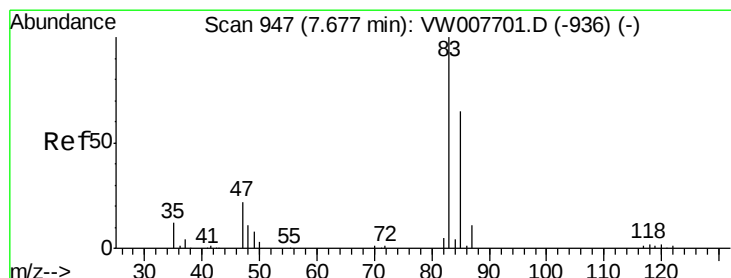
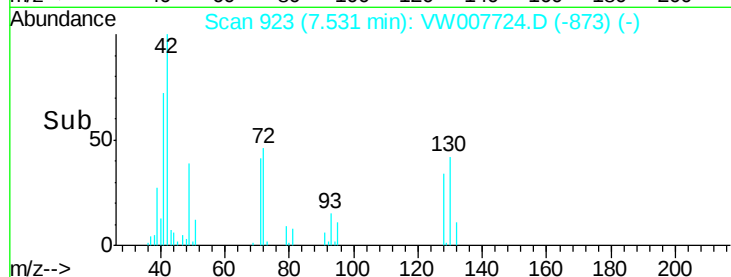
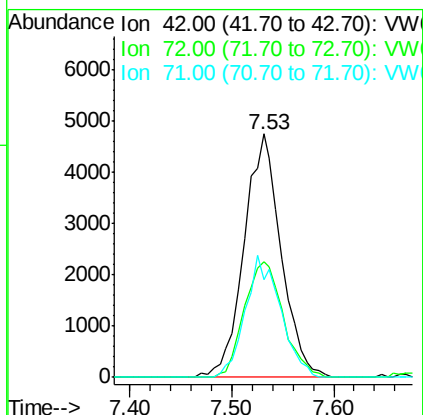
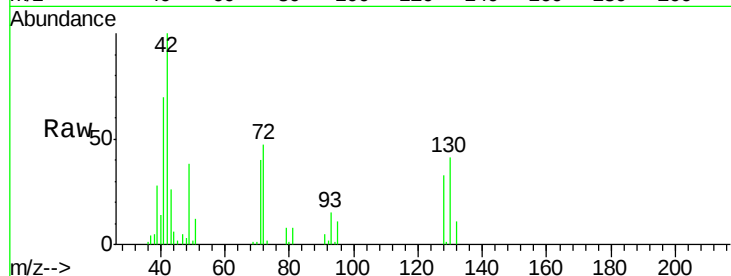




#29
Tetrahydrofuran
Concen: 112.142 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

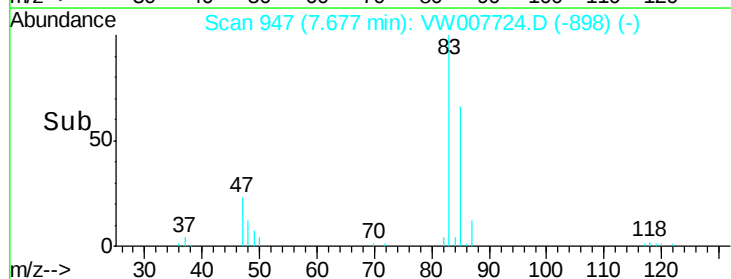
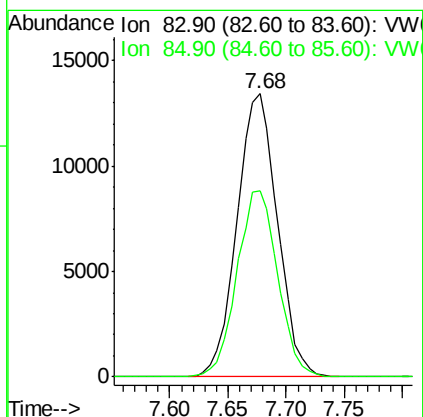
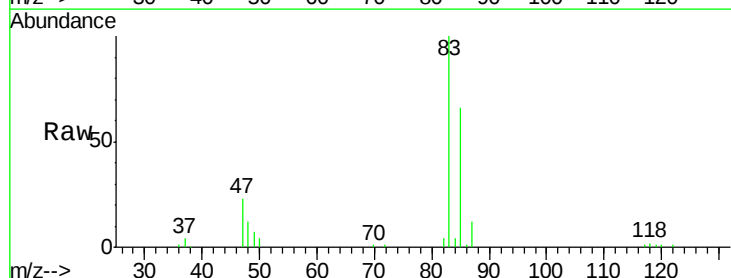
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

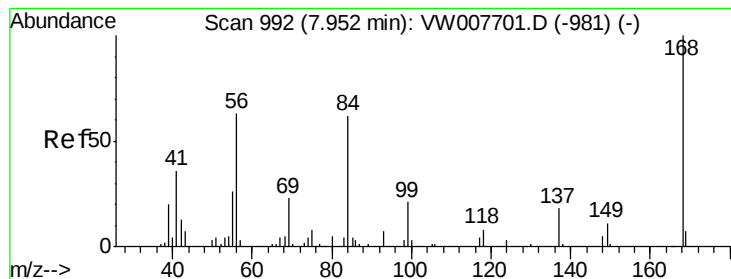
Tgt Ion: 42 Resp: 11989
Ion Ratio Lower Upper
42 100
72 50.0 41.7 62.5
71 47.4 39.0 58.6



#30
Chloroform
Concen: 21.666 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion: 83 Resp: 32579
Ion Ratio Lower Upper
83 100
85 65.9 52.2 78.2





#31

Cyclohexane

Concen: 21.009 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS02

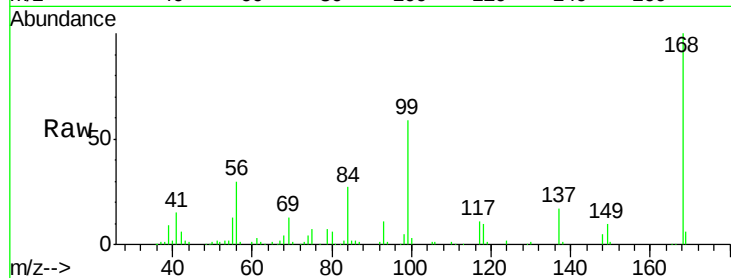
Tgt Ion: 56 Resp: 25556

Ion Ratio Lower Upper

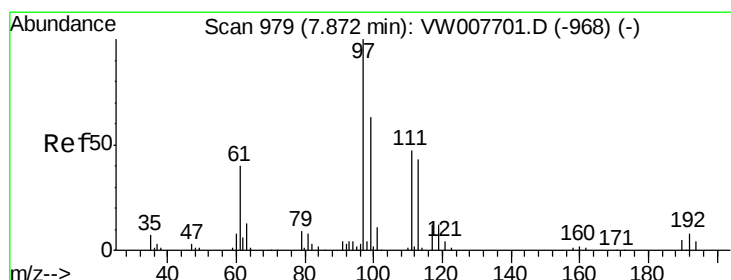
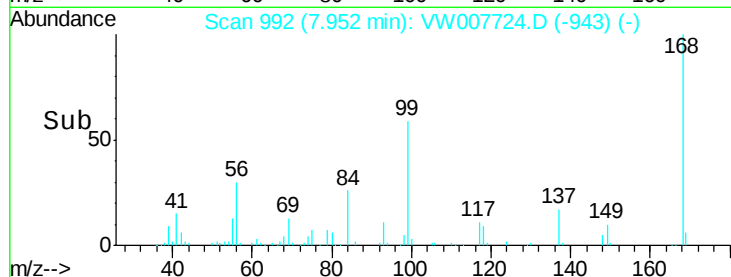
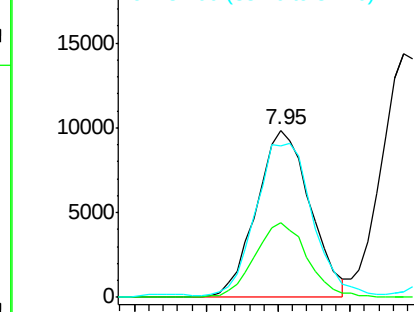
56 100

69 44.9 29.7 44.5#

84 90.1 78.9 118.3



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 21.703 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

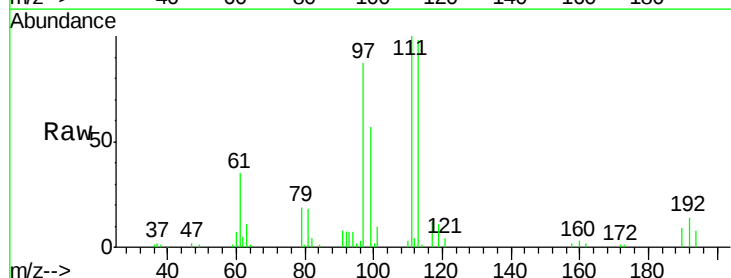
Tgt Ion: 97 Resp: 29722

Ion Ratio Lower Upper

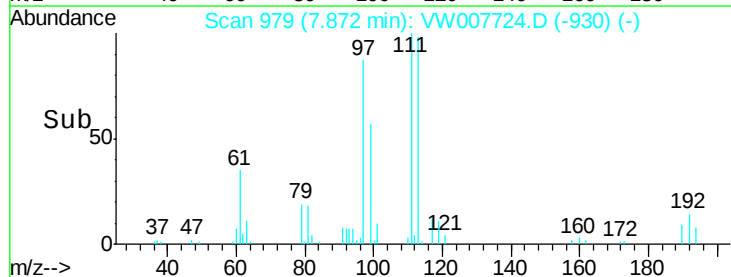
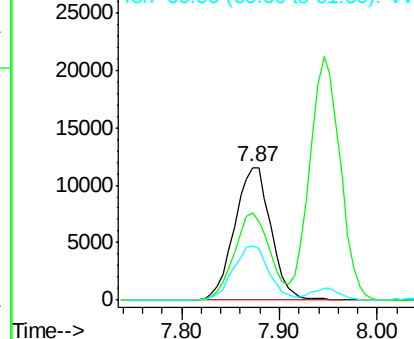
97 100

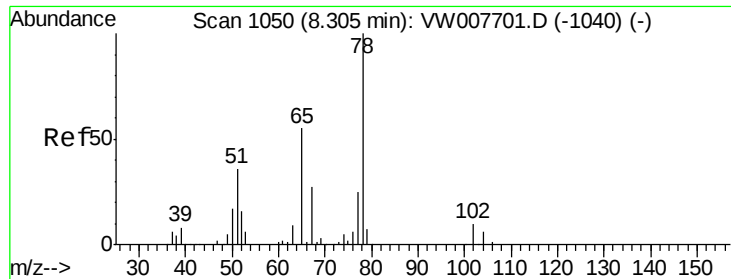
99 64.6 50.6 76.0

61 40.6 32.3 48.5



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 53.697 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

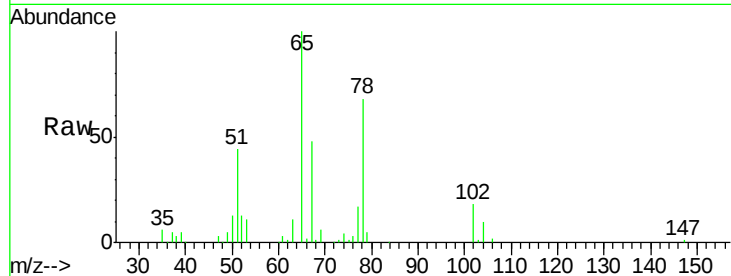
VW1221SBSD02

Tgt Ion: 65 Resp: 43879

Ion Ratio Lower Upper

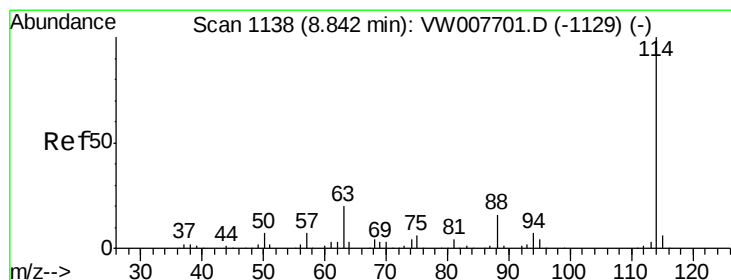
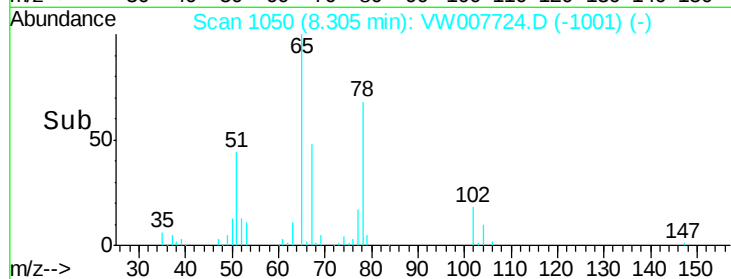
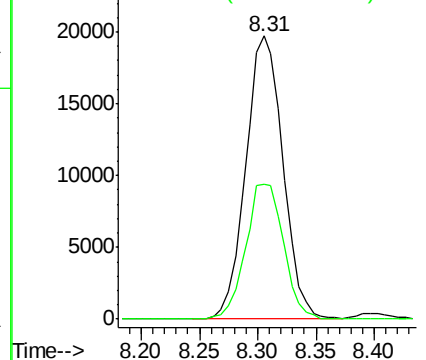
65 100

67 48.7 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

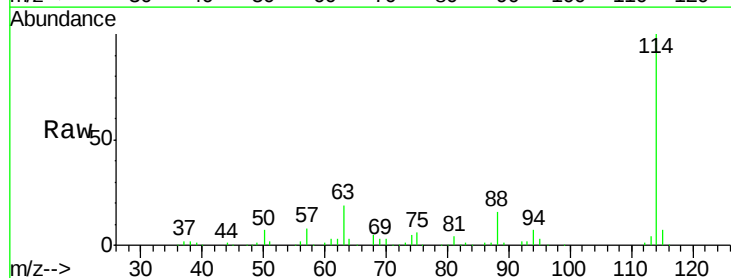
Tgt Ion: 114 Resp: 123905

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

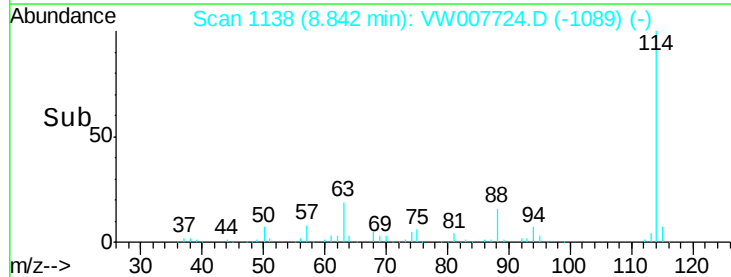
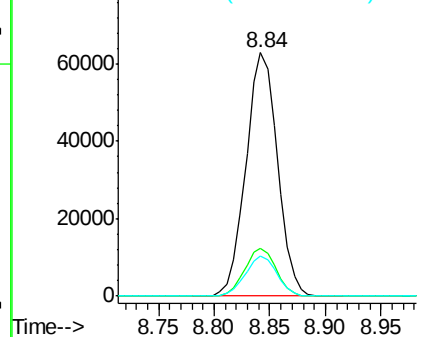
88 16.4 0.0 32.6

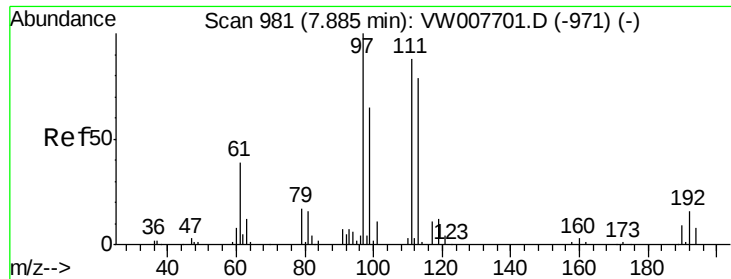


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

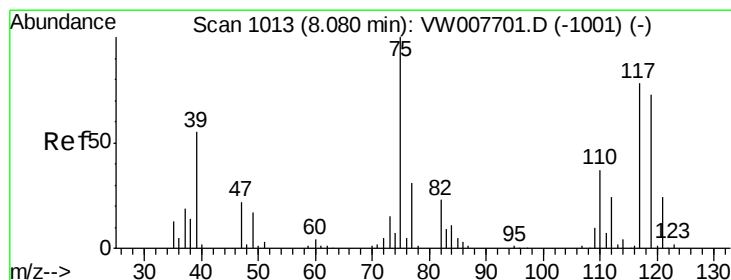
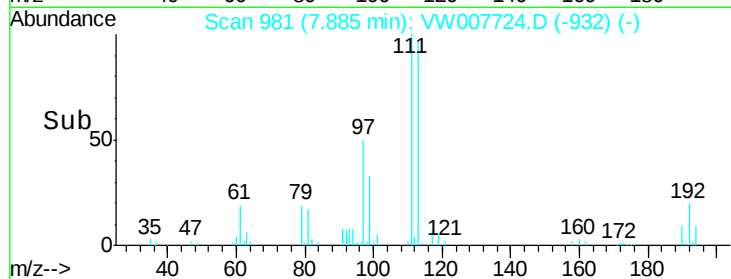
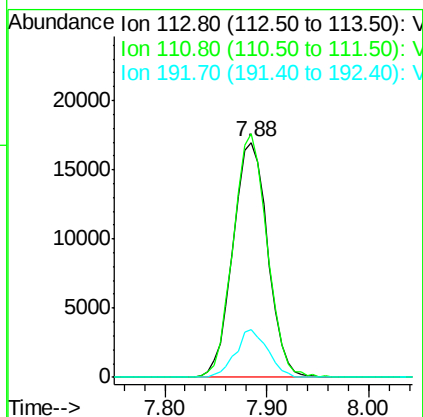
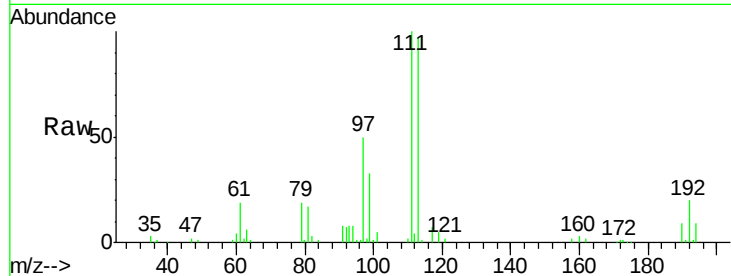




#35
 Dibromofluoromethane
 Concen: 53.199 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

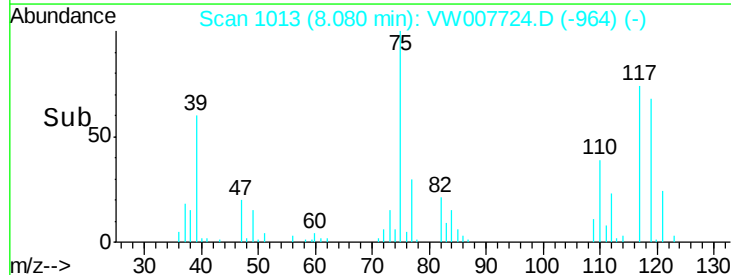
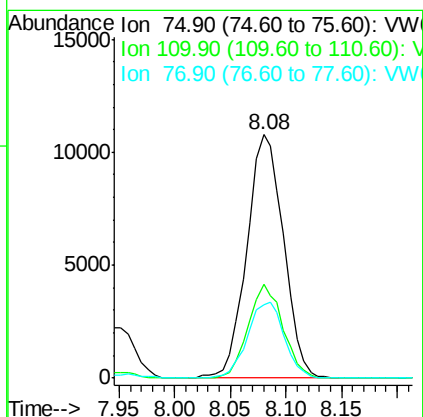
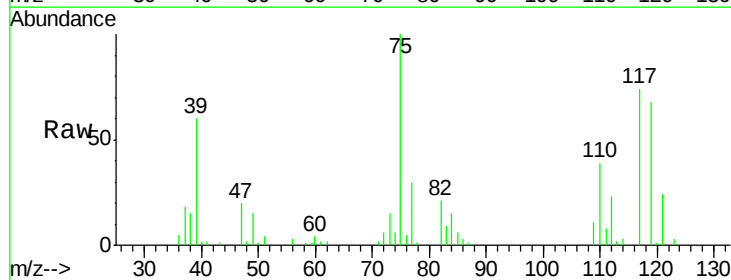
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

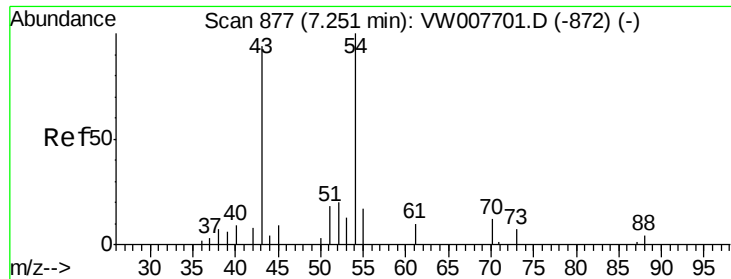
Tgt Ion: 113 Resp: 40212
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.6 124.0
 192 18.7 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 20.675 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion: 75 Resp: 24725
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.6 55.8
 77 31.4 25.0 37.4

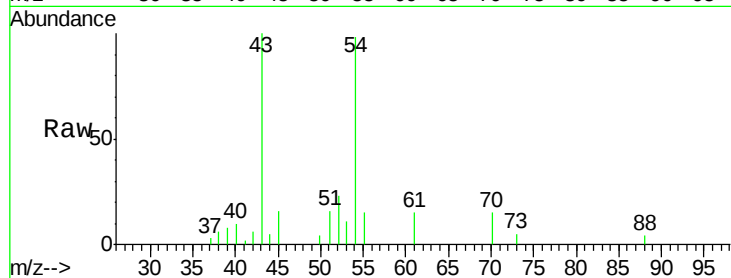




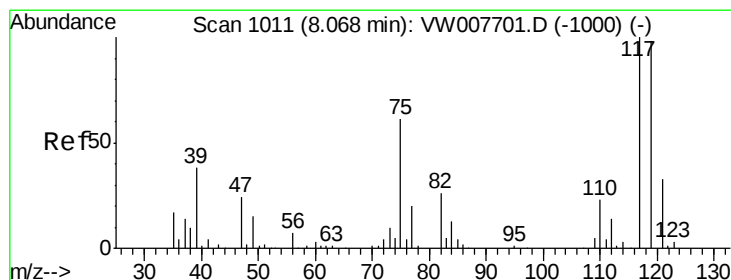
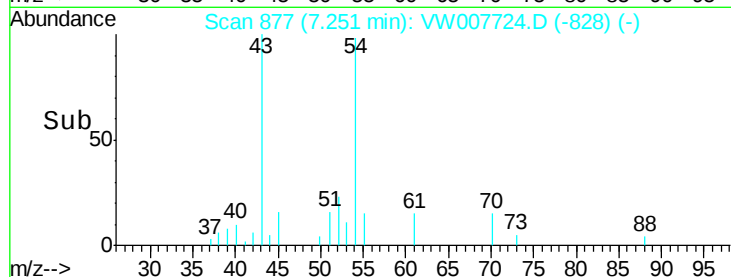
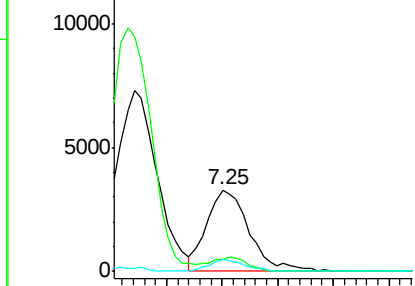
#37
Ethyl Acetate
Concen: 21.021 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

Tgt Ion: 43 Resp: 8676
Ion Ratio Lower Upper
43 100
61 15.5 11.2 16.8
70 12.3 9.3 13.9

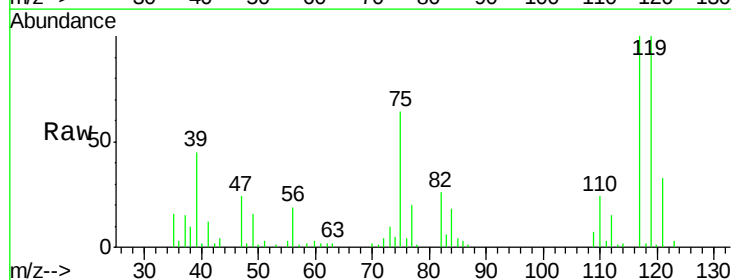


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

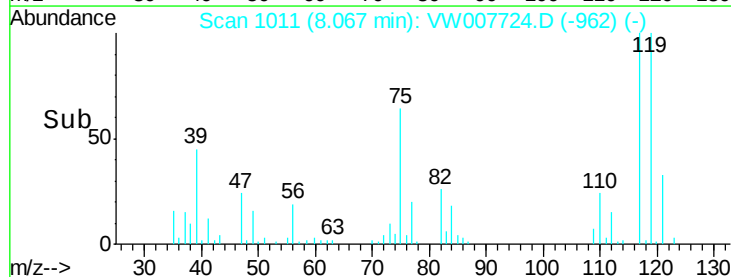
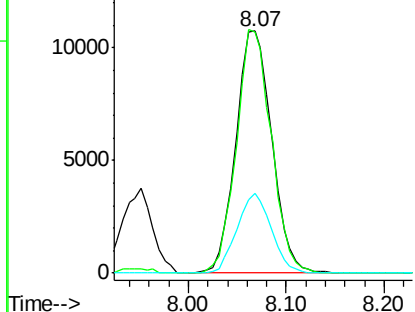


#38
Carbon Tetrachloride
Concen: 19.538 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion: 117 Resp: 27517
Ion Ratio Lower Upper
117 100
119 99.7 78.2 117.2
121 33.2 26.1 39.1



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

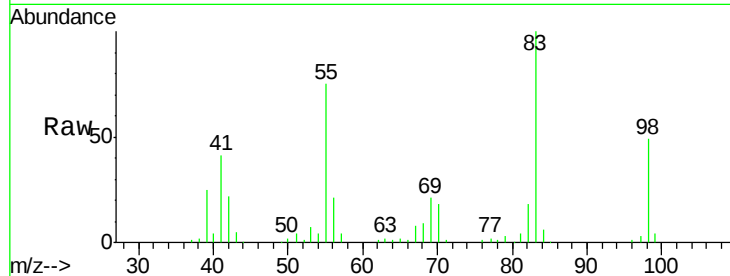




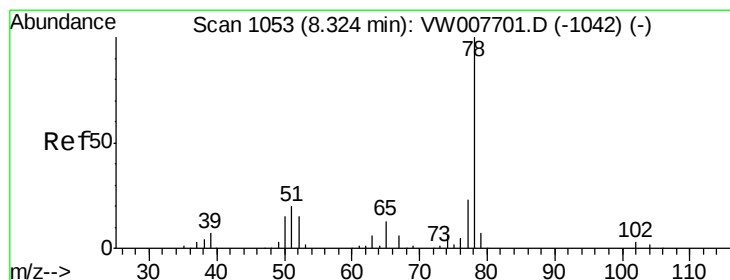
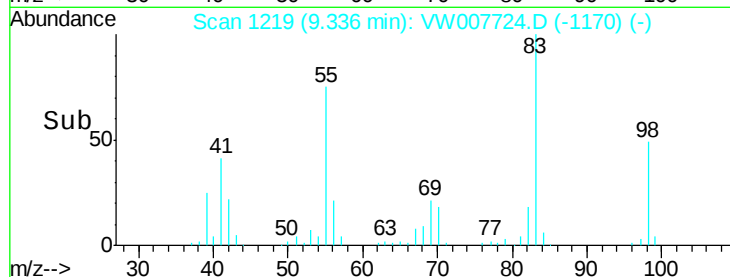
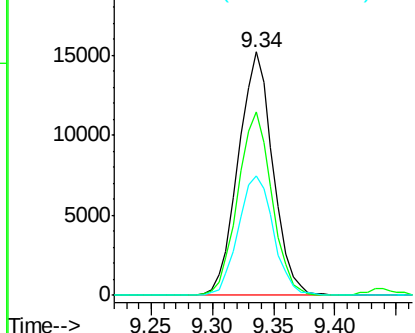
#39
Methylcyclohexane
Concen: 20.061 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

Tgt Ion: 83 Resp: 29811
Ion Ratio Lower Upper
83 100
55 75.1 57.2 85.8
98 49.3 38.6 58.0

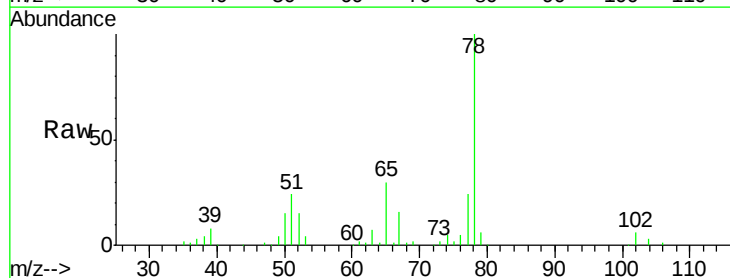


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

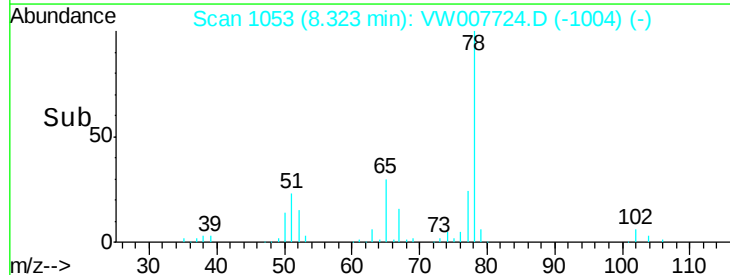
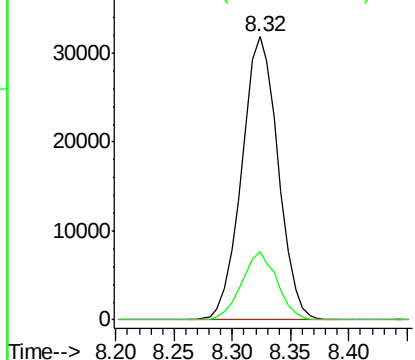


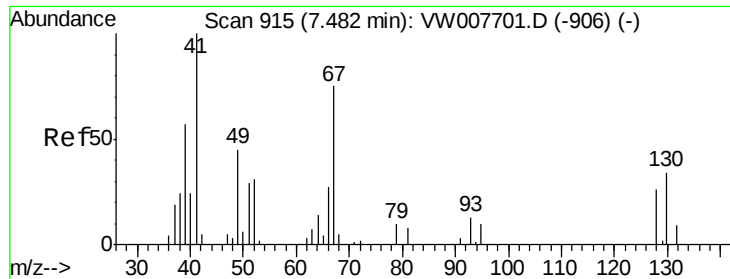
#40
Benzene
Concen: 21.704 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion: 78 Resp: 69264
Ion Ratio Lower Upper
78 100
77 24.3 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

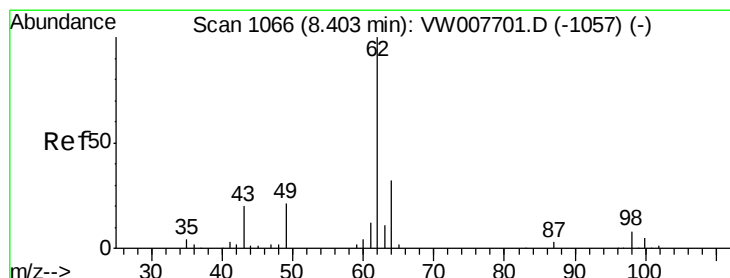
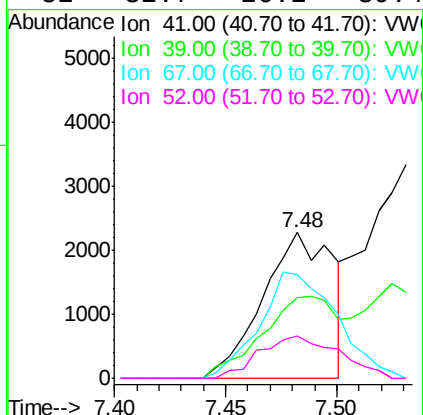
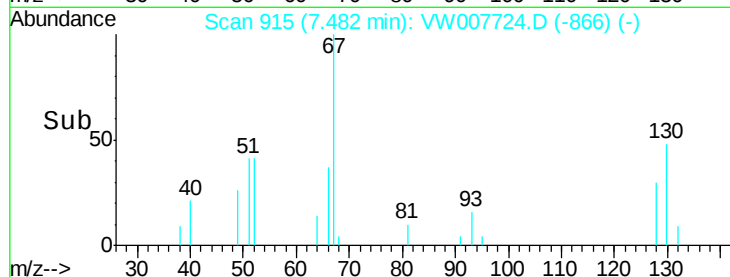
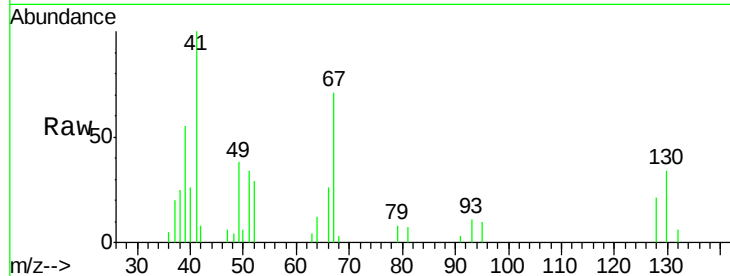




#41
Methacrylonitrile
Concen: 21.295 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

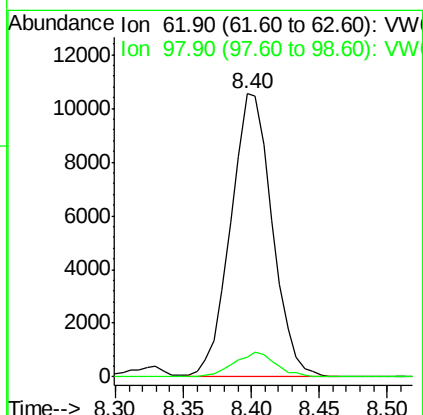
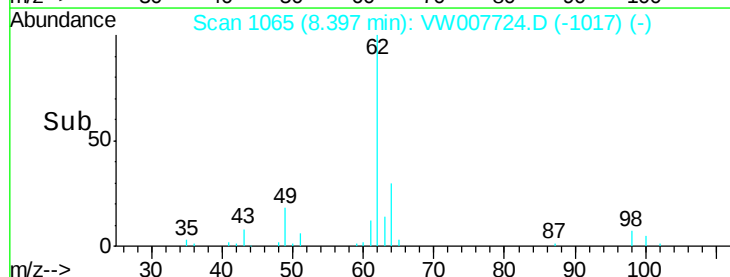
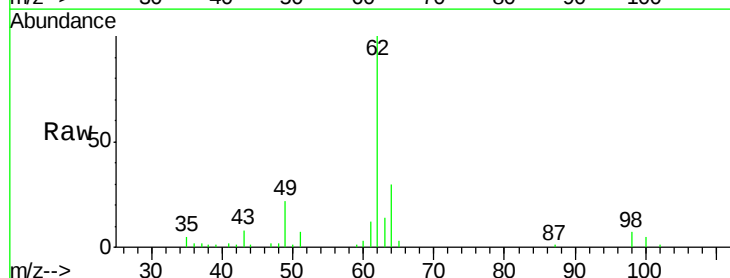
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

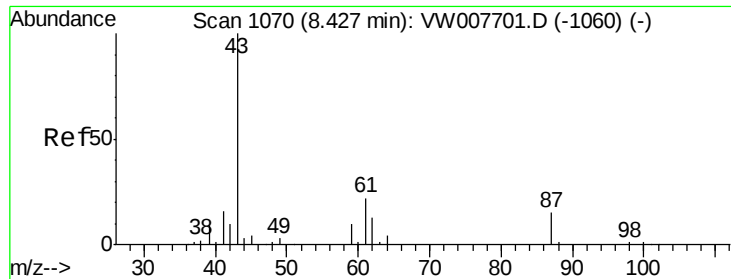
Tgt Ion:	41	Resp:	4990
Ion	Ratio	Lower	Upper
41	100		
39	58.3	54.2	81.4
67	79.5	65.7	98.5
52	32.7	26.2	39.4



#42
1,2-Dichloroethane
Concen: 20.971 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion:	62	Resp:	22428
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.6





#43

Isopropyl Acetate

Concen: 20.957 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD02

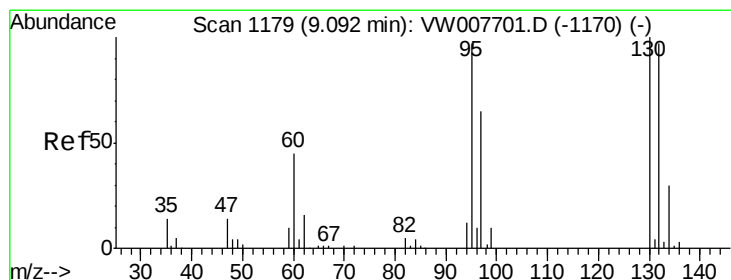
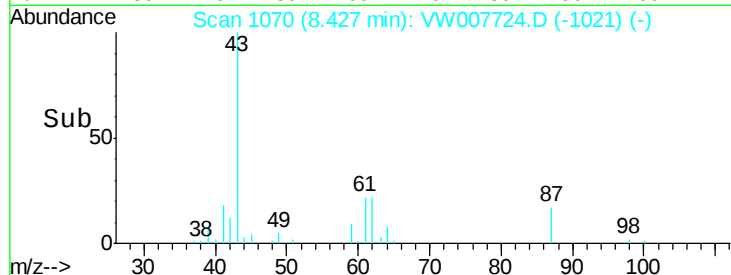
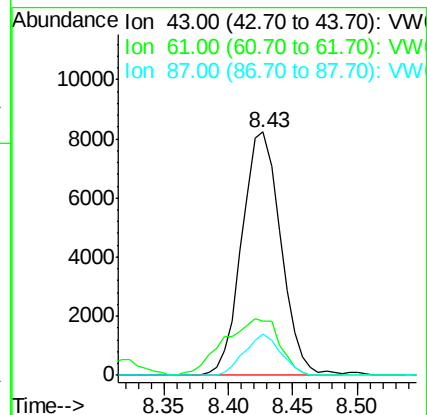
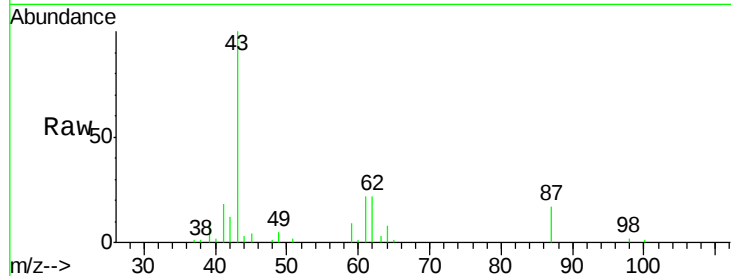
Tgt Ion: 43 Resp: 17329

Ion Ratio Lower Upper

43 100

61 33.0 26.3 39.5

87 15.6 12.0 18.0



#44

Trichloroethene

Concen: 21.539 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007724.D

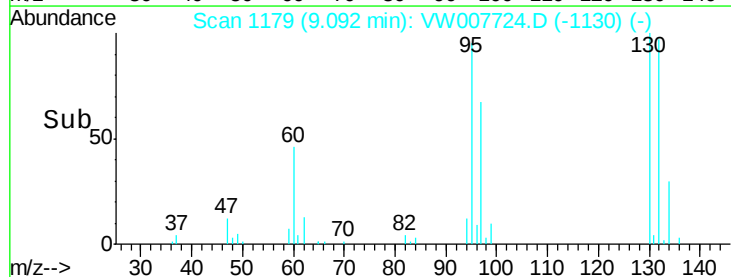
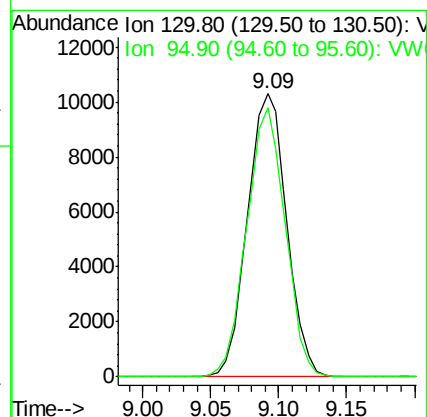
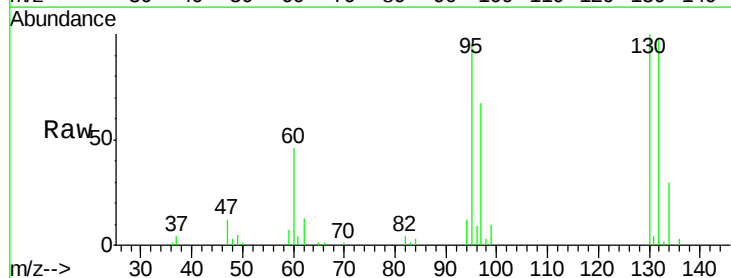
Acq: 20 Dec 2018 04:14

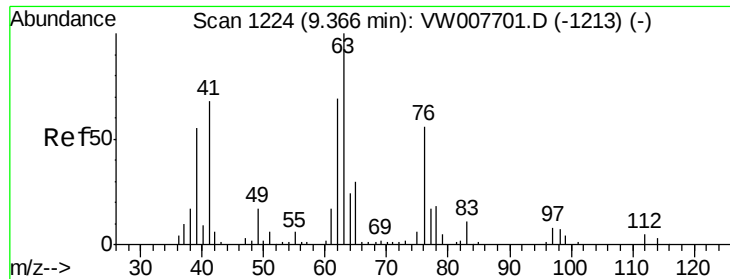
Tgt Ion: 130 Resp: 20787

Ion Ratio Lower Upper

130 100

95 95.0 0.0 194.8

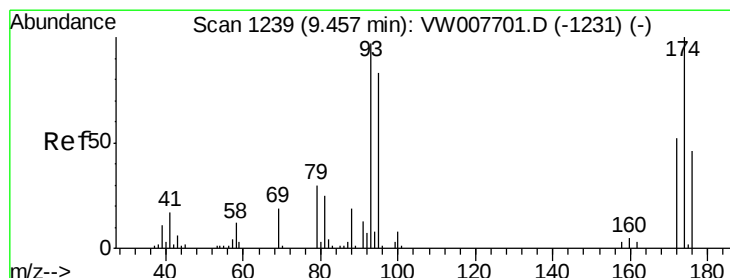
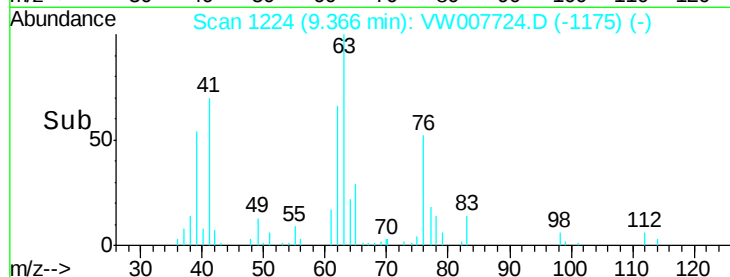
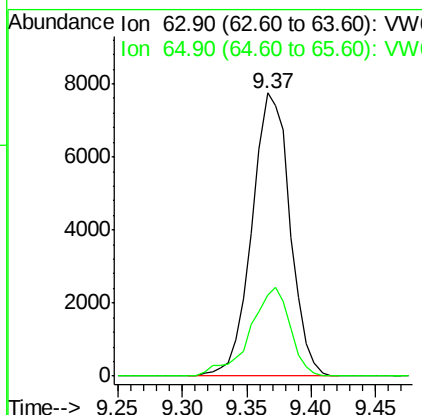
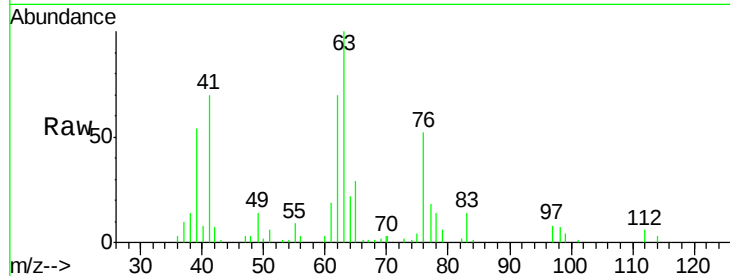




#45
 1,2-Dichloropropane
 Concen: 22.316 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

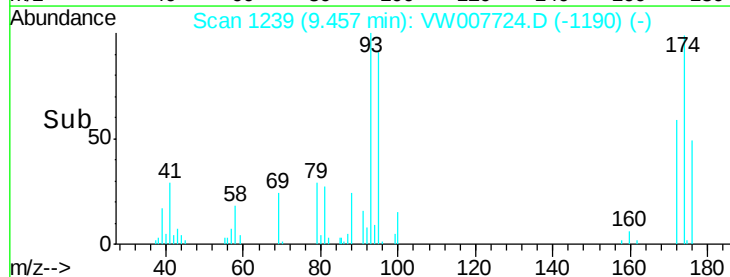
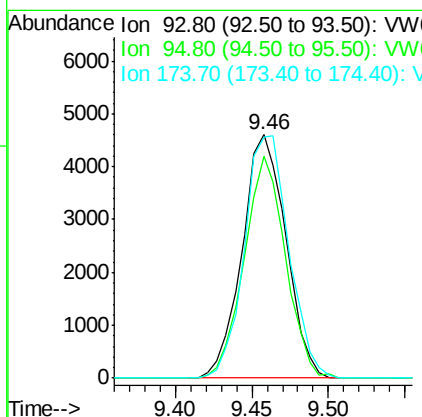
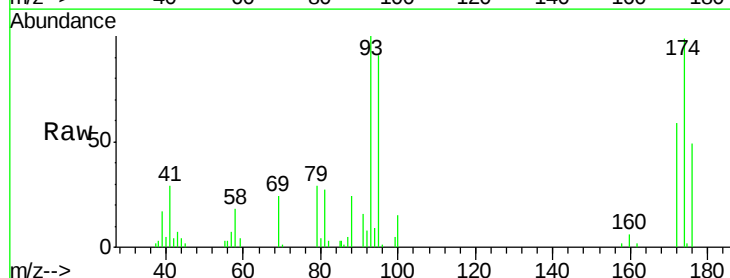
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

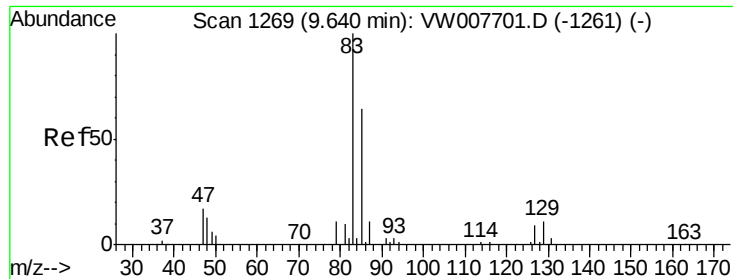
Tgt Ion: 63 Resp: 15802
 Ion Ratio Lower Upper
 63 100
 65 28.7 23.8 35.8



#46
 Dibromomethane
 Concen: 21.037 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion: 93 Resp: 9170
 Ion Ratio Lower Upper
 93 100
 95 85.9 67.5 101.3
 174 101.1 83.9 125.9

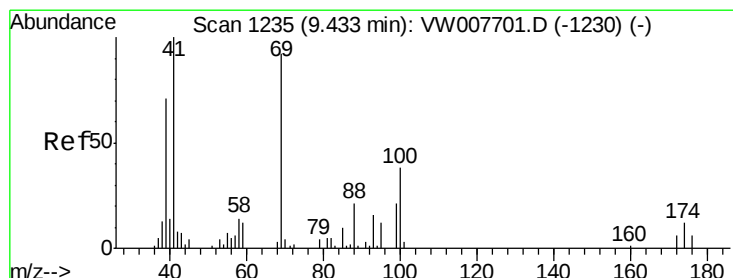
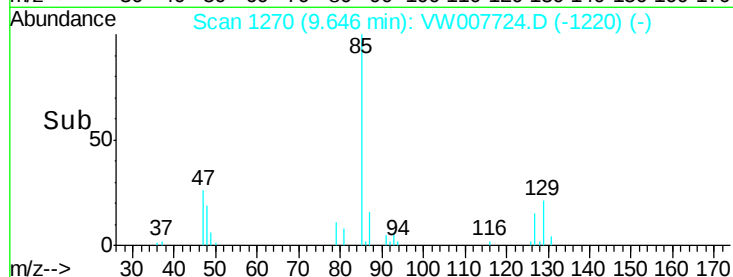
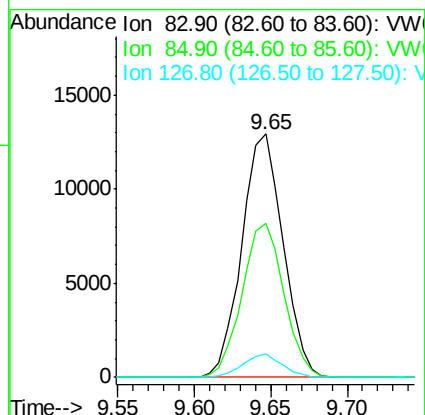
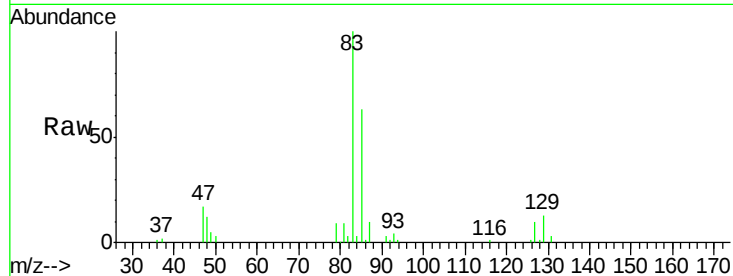




#47
 Bromodichloromethane
 Concen: 21.155 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

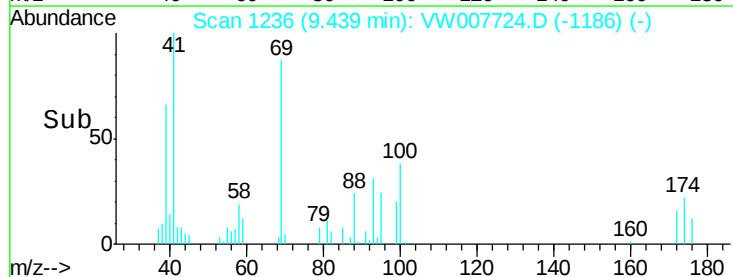
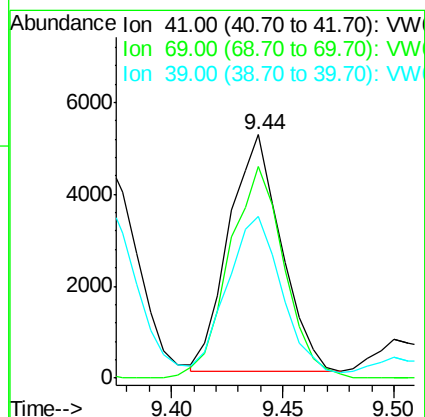
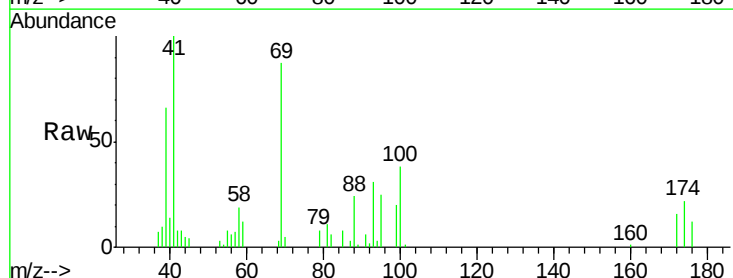
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBSD02

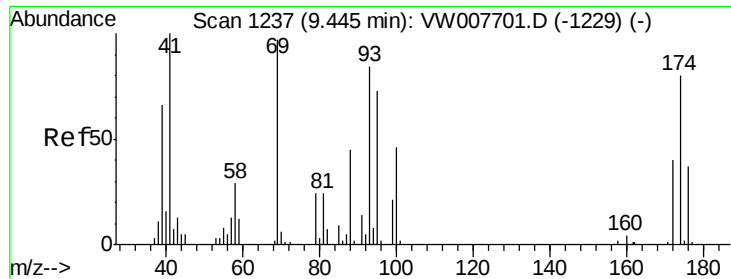
Tgt Ion: 83 Resp: 24242
 Ion Ratio Lower Upper
 83 100
 85 63.1 51.4 77.0
 127 9.6 7.5 11.3



#48
 Methyl methacrylate
 Concen: 20.456 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion: 41 Resp: 8443
 Ion Ratio Lower Upper
 41 100
 69 93.8 74.2 111.2
 39 67.7 53.9 80.9

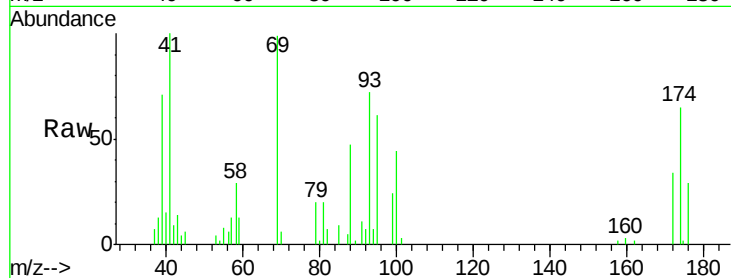




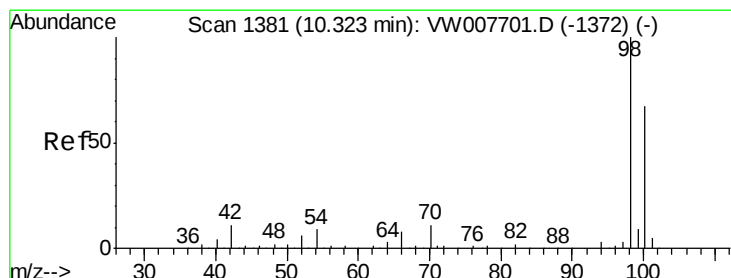
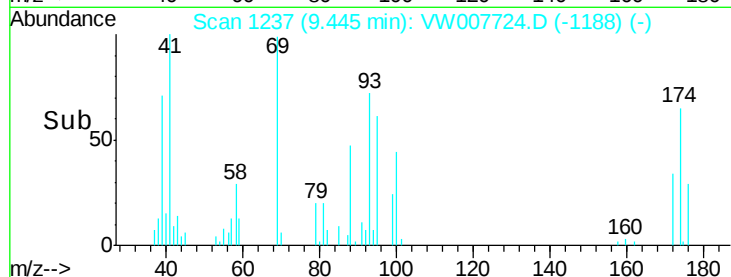
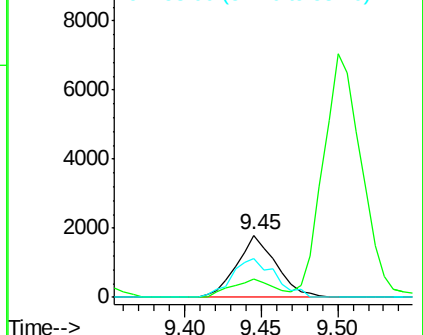
#49
 1,4-Dioxane
 Concen: 462.604 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tgt Ion: 88 Resp: 3197
 Ion Ratio Lower Upper
 88 100
 43 31.9 25.6 38.4
 58 69.0 52.3 78.5

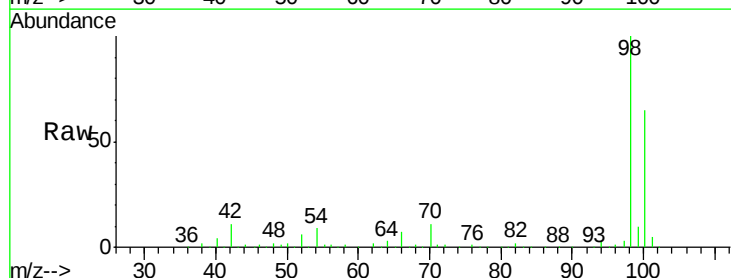


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

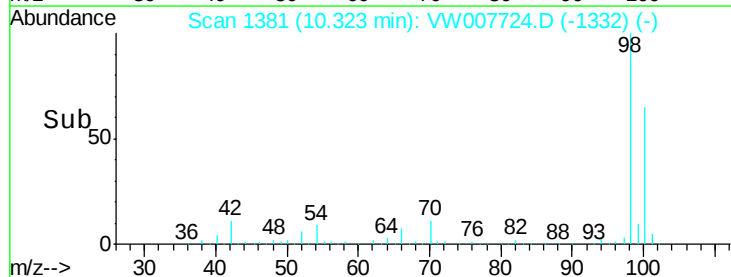
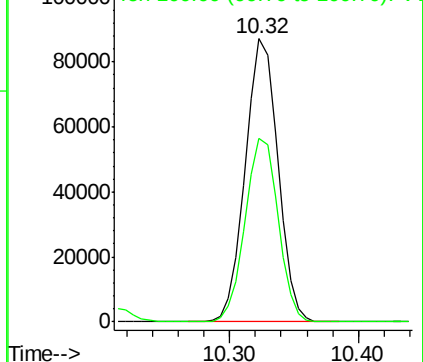


#50
 Toluene-d8
 Concen: 53.616 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion: 98 Resp: 152783
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

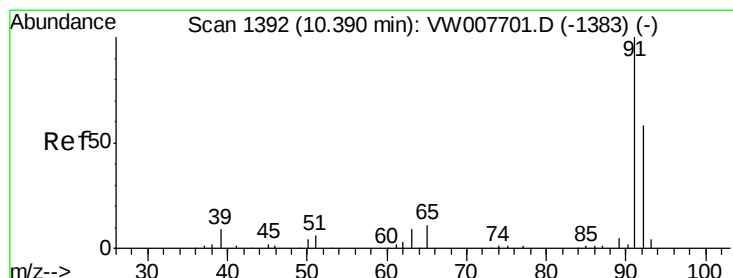
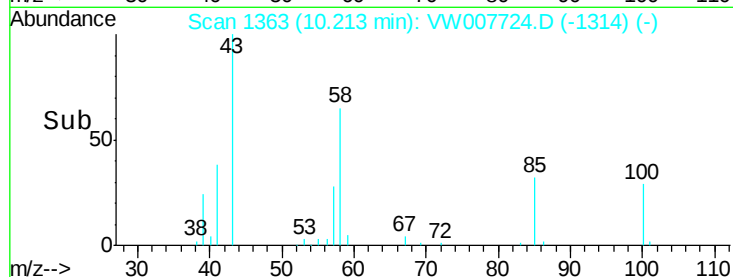
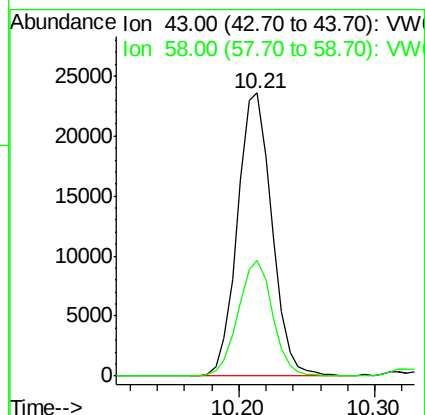
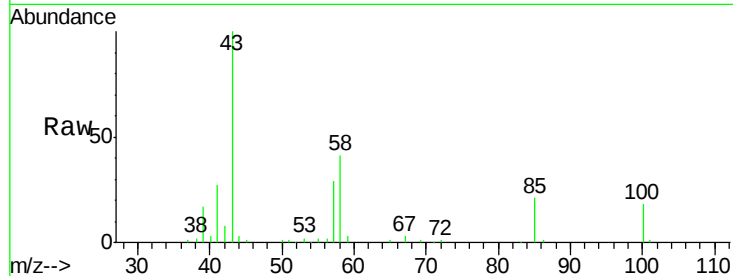




#51
4-Methyl-2-Pentanone
Concen: 106.585 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

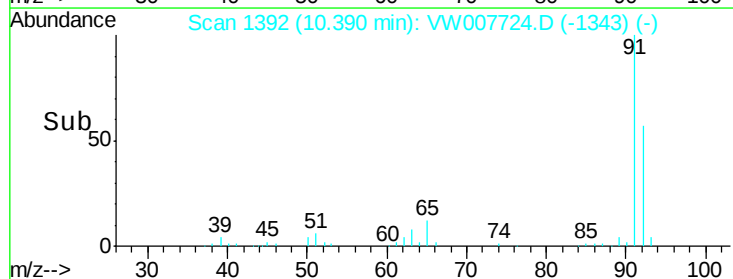
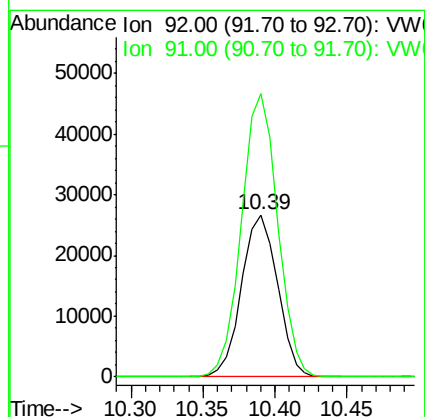
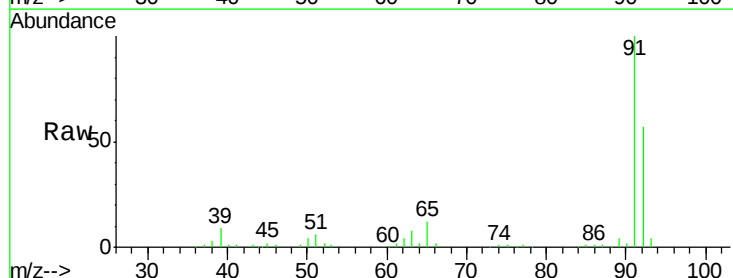
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

Tgt Ion: 43 Resp: 41651
Ion Ratio Lower Upper
43 100
58 40.9 33.2 49.8



#52
Toluene
Concen: 21.610 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion: 92 Resp: 46269
Ion Ratio Lower Upper
92 100
91 175.3 137.0 205.4

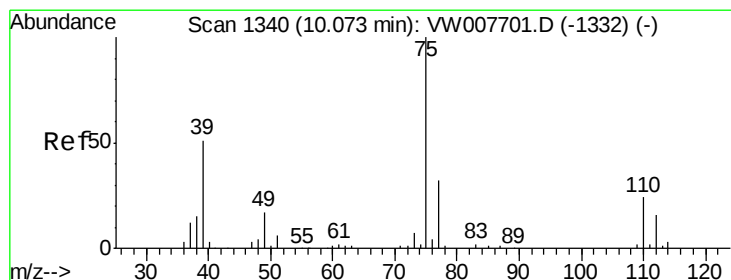
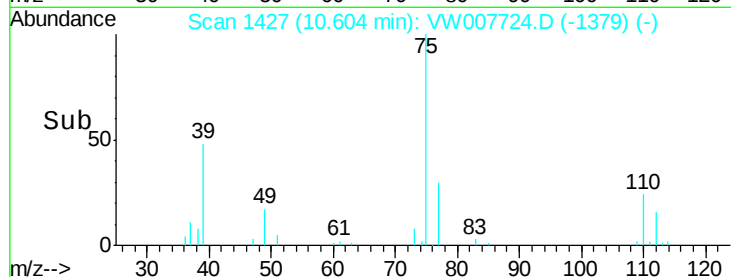
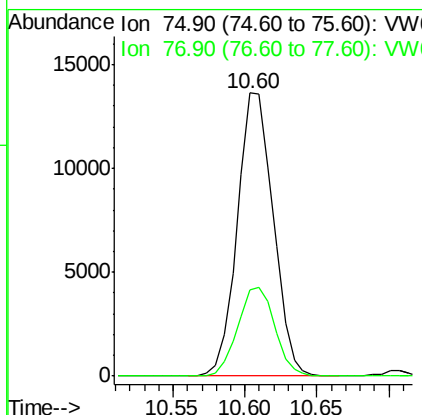
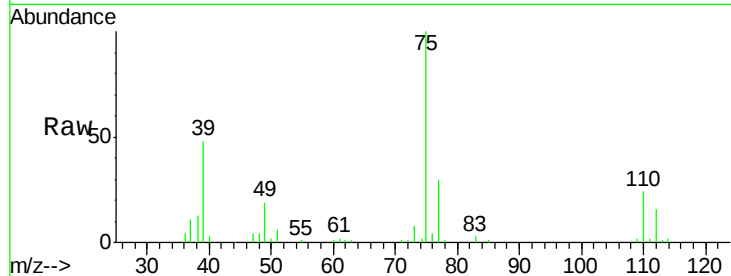




#53
 t-1,3-Dichloropropene
 Concen: 20.720 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

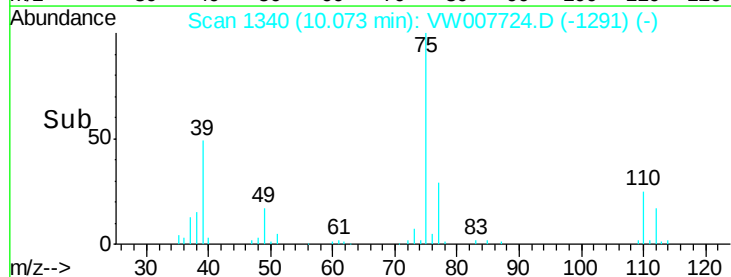
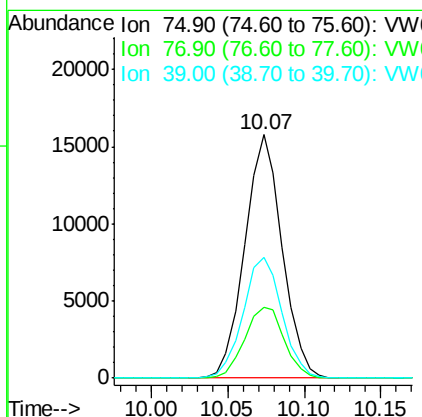
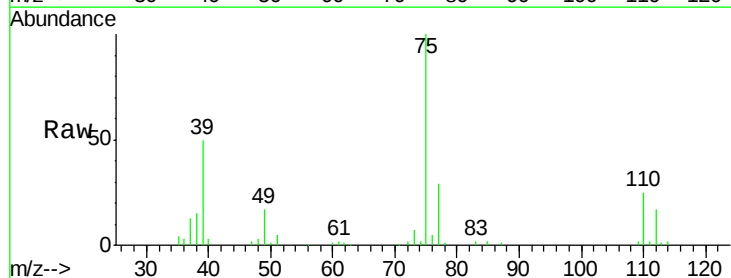
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

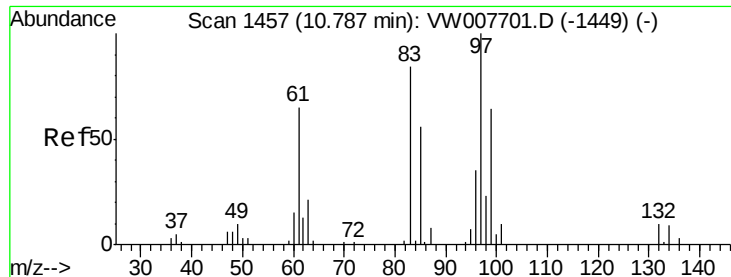
Tgt Ion: 75 Resp: 23617
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.238 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion: 75 Resp: 26739
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.5 38.3
 39 49.5 41.2 61.8

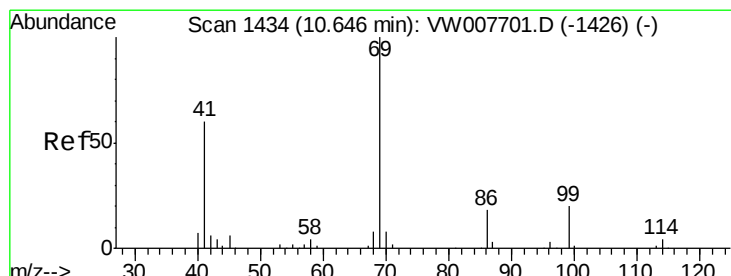
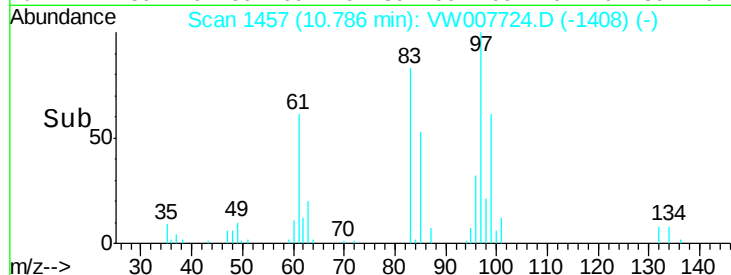
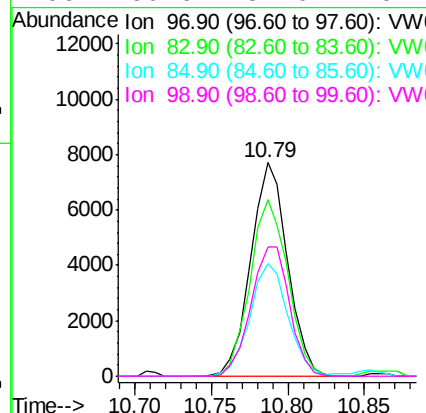
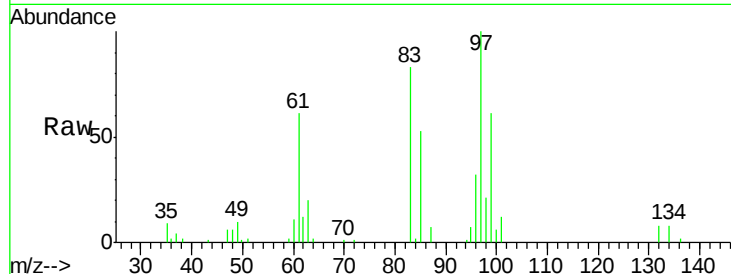




#55
 1,1,2-Trichloroethane
 Concen: 21.462 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

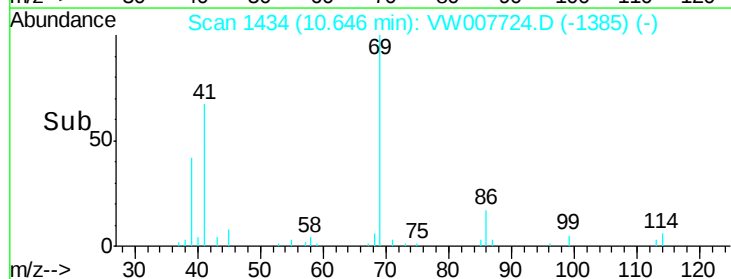
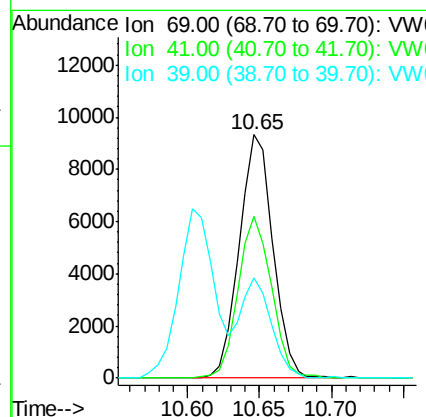
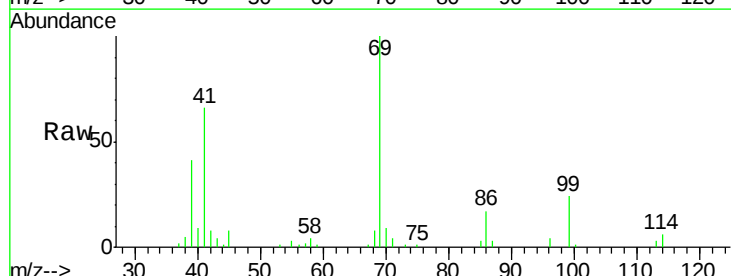
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBSD02

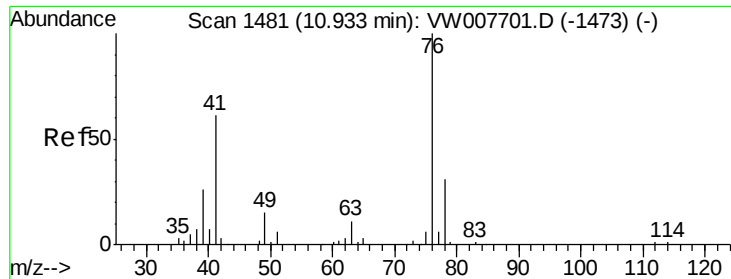
Tgt Ion:	97	Resp:	12897
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.5	101.3
85	53.0	44.8	67.2
99	60.6	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 21.374 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion:	69	Resp:	15175
Ion	Ratio	Lower	Upper
69	100		
41	66.2	48.9	73.3
39	38.1	31.3	46.9

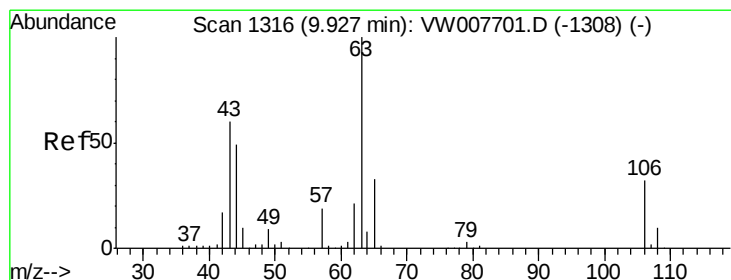
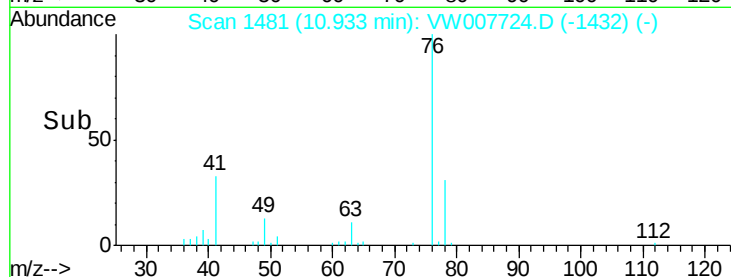
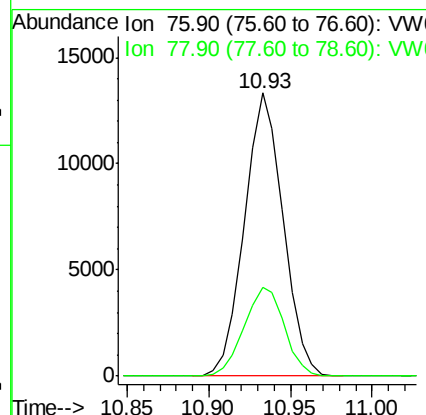
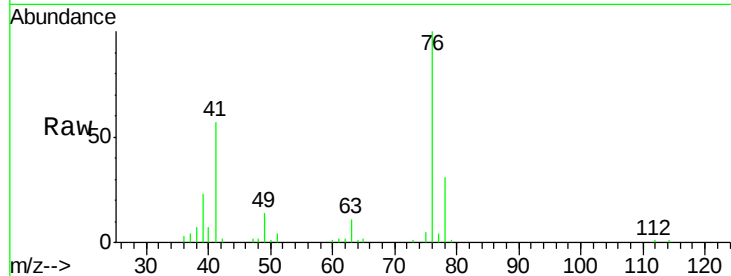




#57
 1,3-Dichloropropane
 Concen: 22.088 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

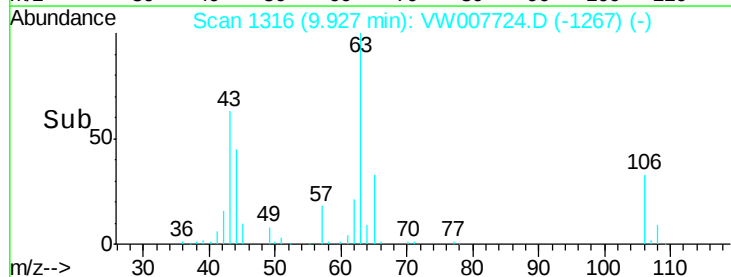
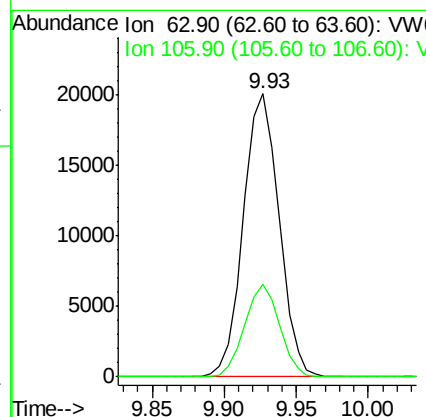
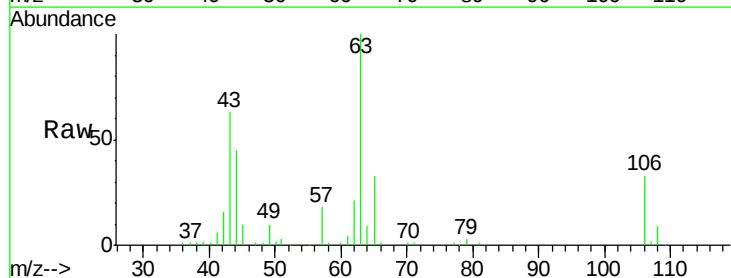
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBSD02

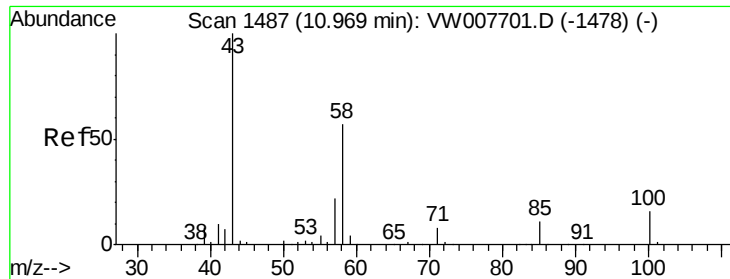
Tgt Ion: 76 Resp: 22040
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.336 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion: 63 Resp: 34470
 Ion Ratio Lower Upper
 63 100
 106 32.1 25.9 38.9





#59

2-Hexanone

Concen: 102.473 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

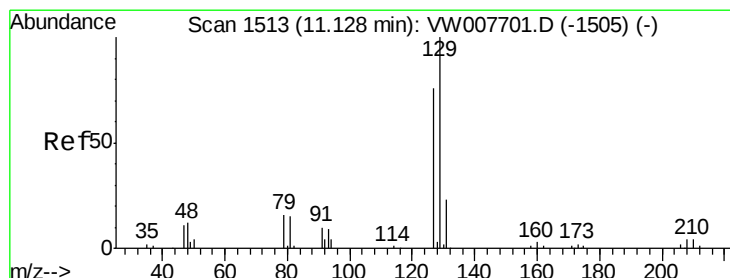
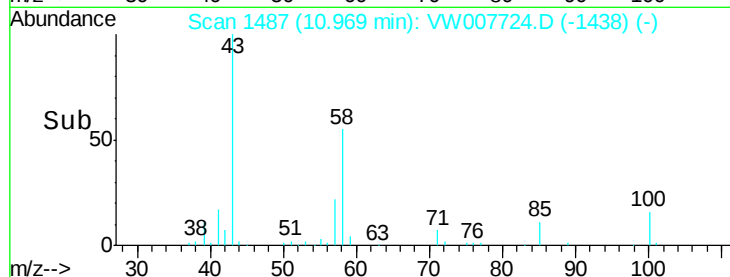
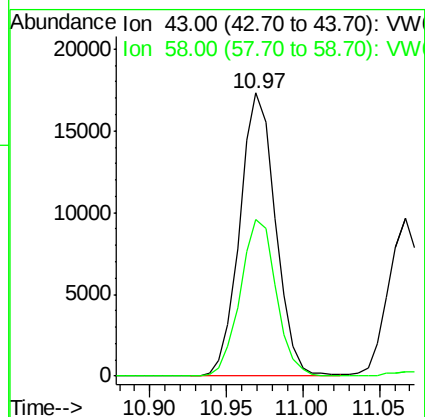
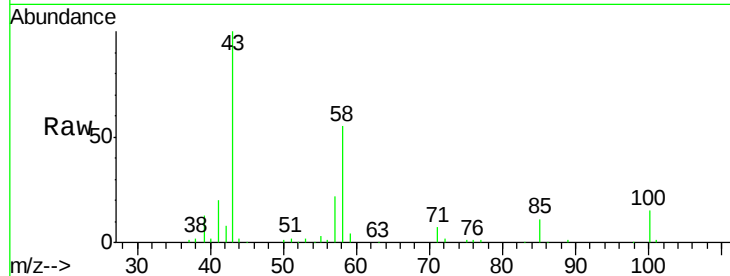
VW1221SBSD02

Tgt Ion: 43 Resp: 28162

Ion Ratio Lower Upper

43 100

58 55.2 27.7 83.1



#60

Dibromochloromethane

Concen: 20.571 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007724.D

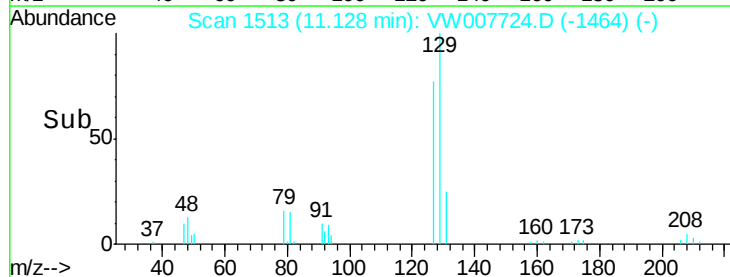
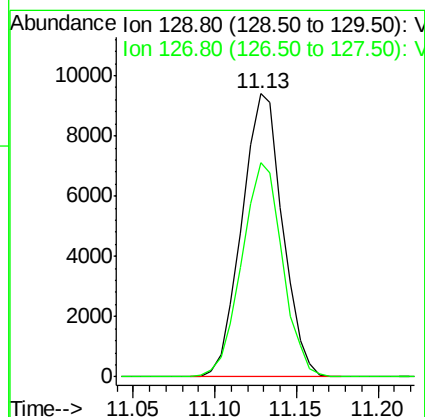
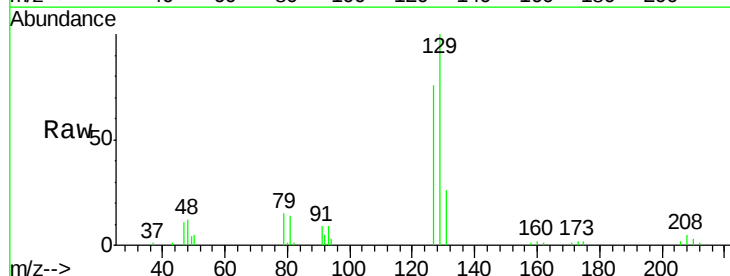
Acq: 20 Dec 2018 04:14

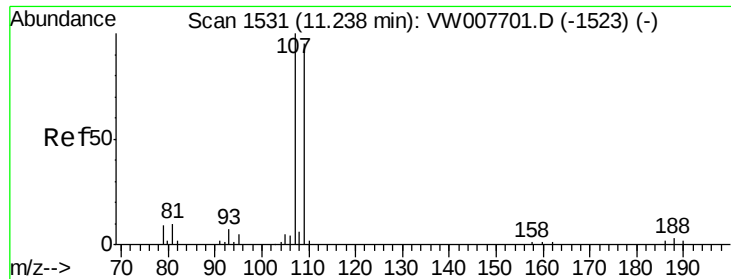
Tgt Ion: 129 Resp: 16367

Ion Ratio Lower Upper

129 100

127 75.7 38.3 114.9

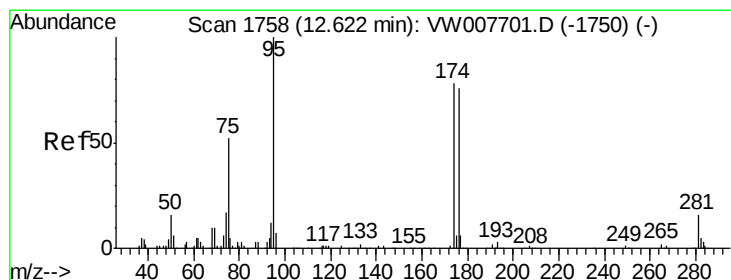
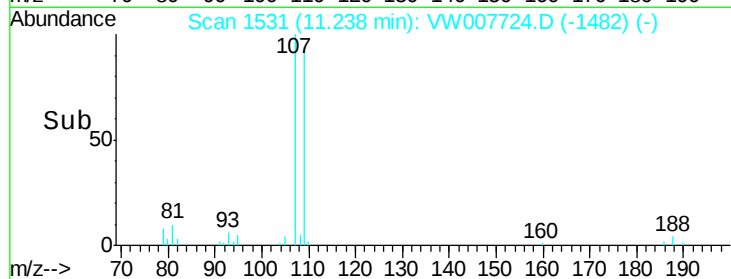
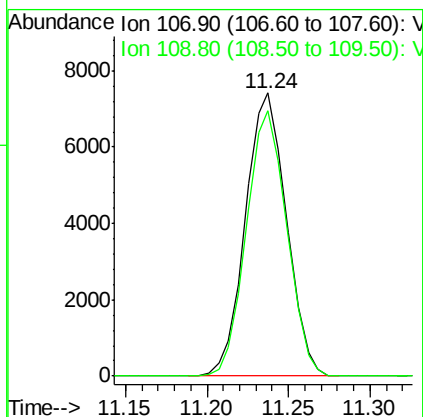
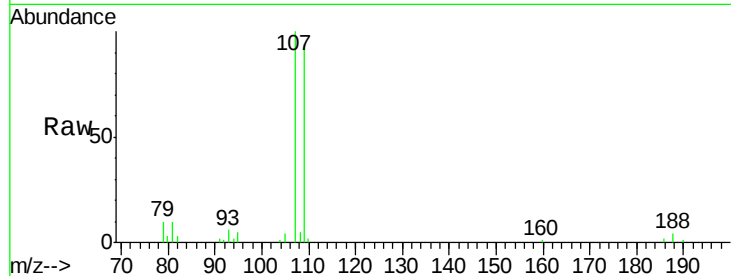




#61
 1,2-Dibromoethane
 Concen: 21.299 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

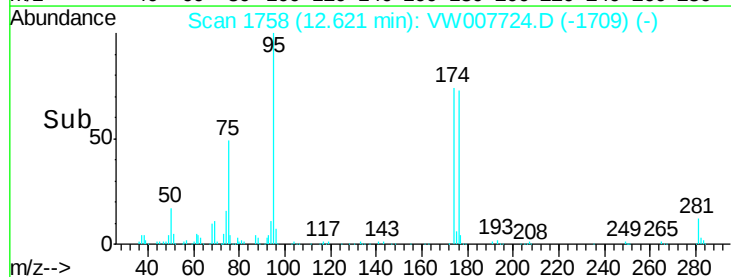
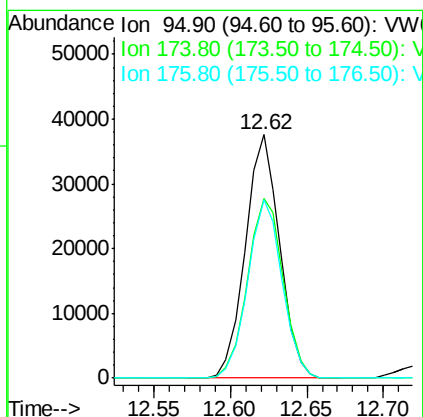
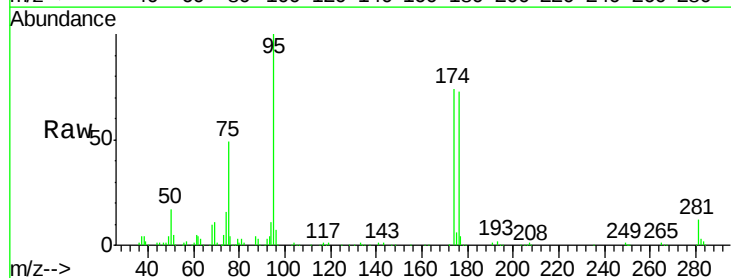
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBSD02

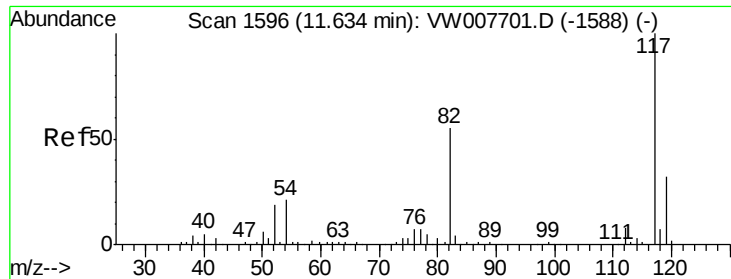
Tgt Ion: 107 Resp: 12961
 Ion Ratio Lower Upper
 107 100
 109 92.3 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 52.942 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion: 95 Resp: 58281
 Ion Ratio Lower Upper
 95 100
 174 77.0 0.0 152.2
 176 73.7 0.0 146.8

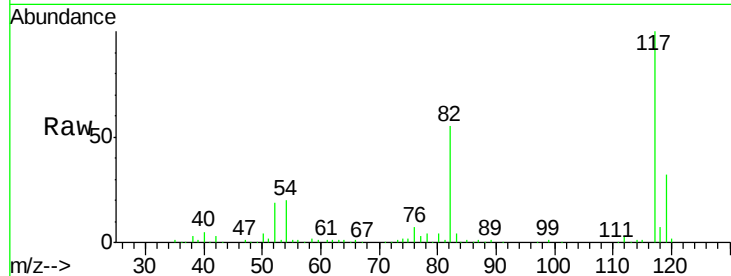




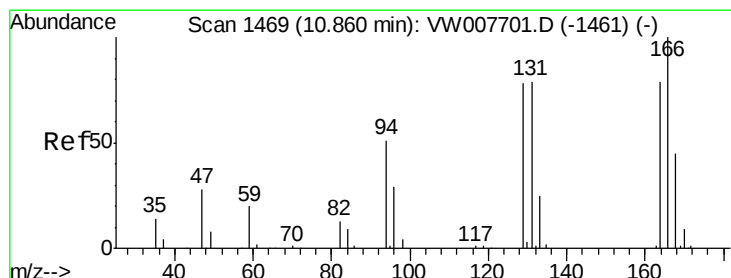
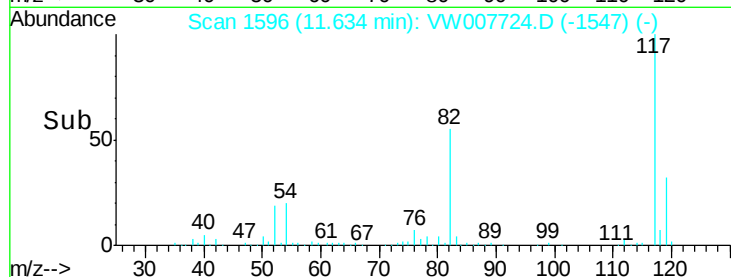
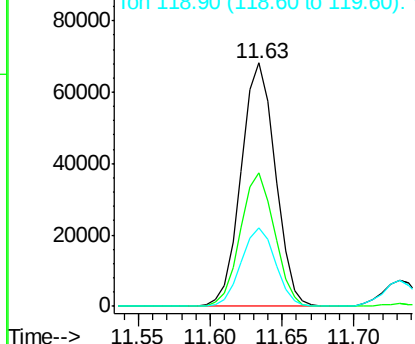
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBS02

Tgt Ion:117 Resp: 112332
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 32.0 25.7 38.5

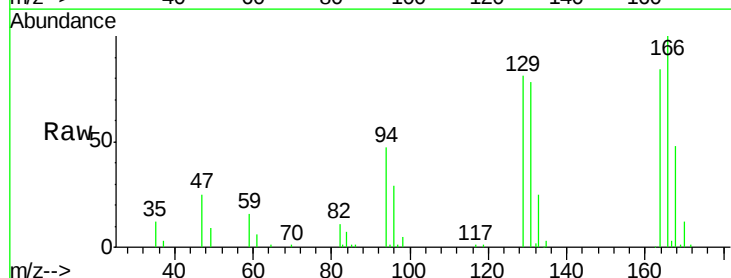


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

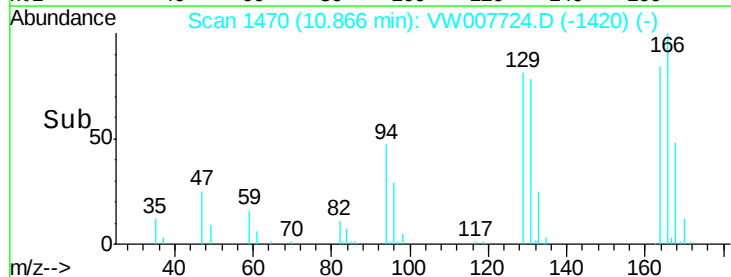
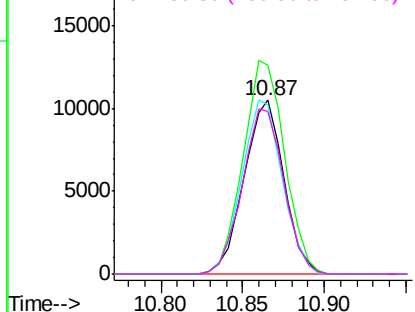


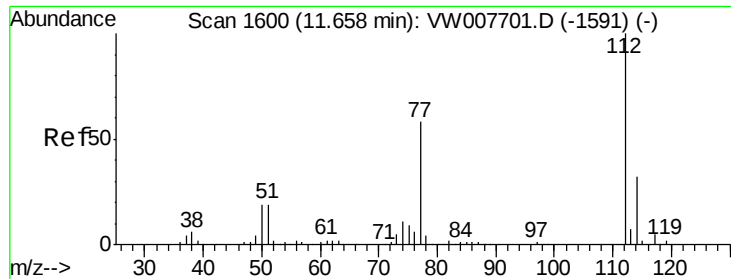
#64
Tetrachloroethene
Concen: 22.406 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion:164 Resp: 17823
Ion Ratio Lower Upper
164 100
166 119.8 101.0 151.6
129 97.4 78.7 118.1
131 93.5 79.4 119.0



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

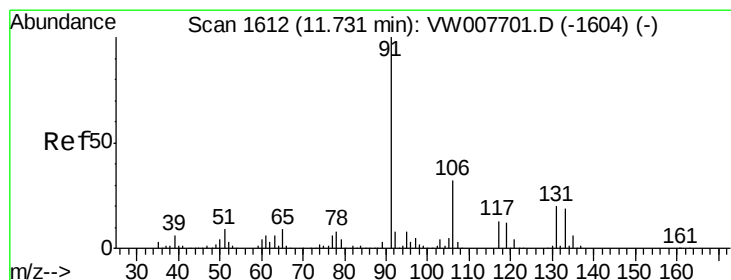
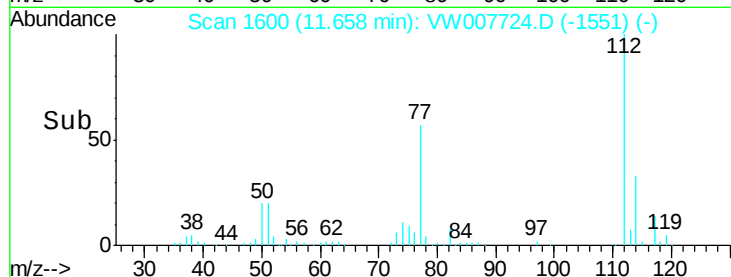
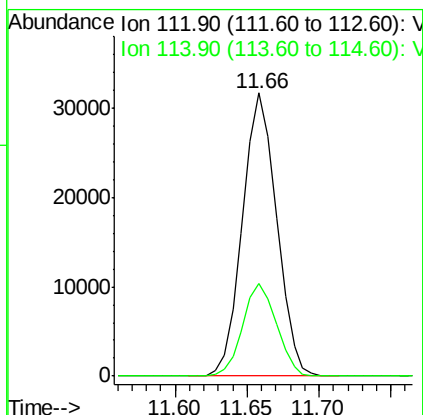
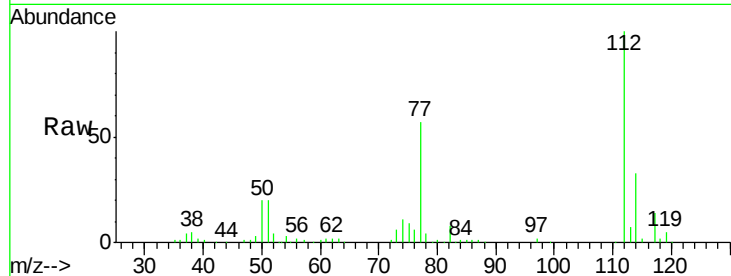




#65
Chlorobenzene
Concen: 21.449 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

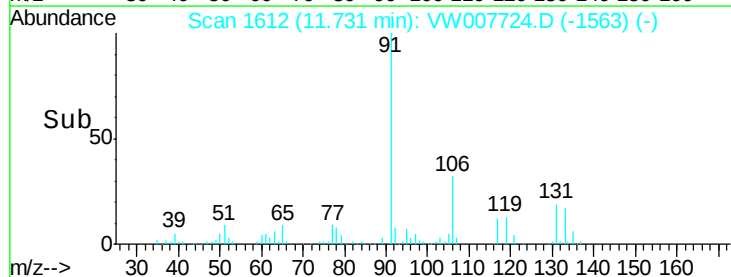
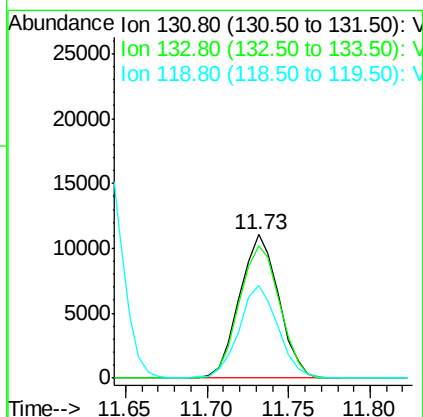
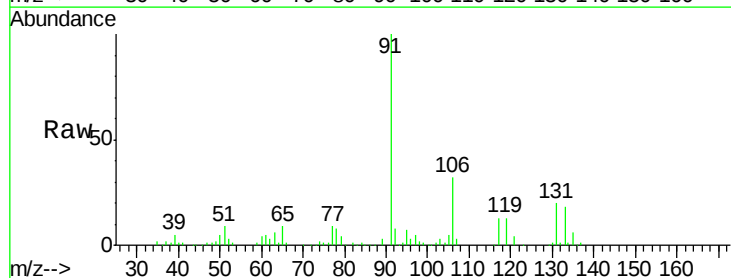
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

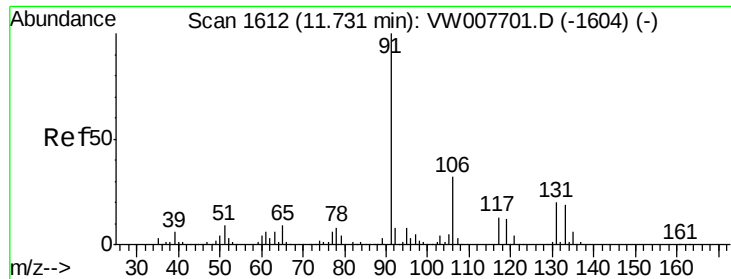
Tgt Ion:112 Resp: 52150
Ion Ratio Lower Upper
112 100
114 32.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.329 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion:131 Resp: 18530
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.5
119 63.8 30.2 90.6

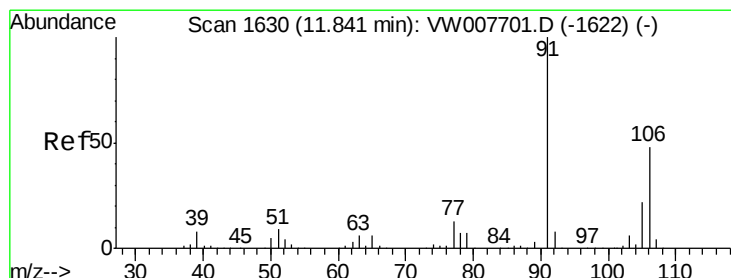
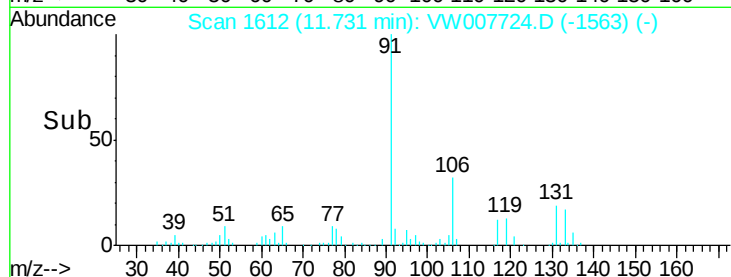
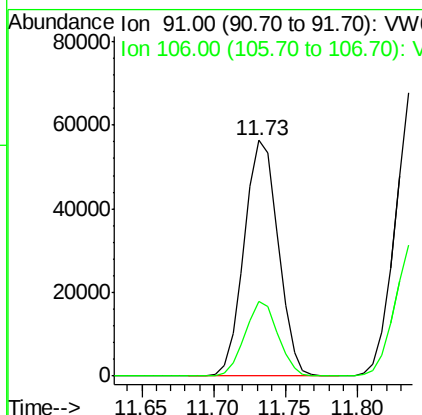
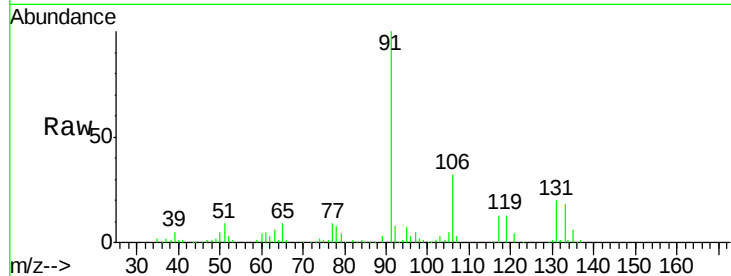




#67
Ethyl Benzene
Concen: 22.128 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

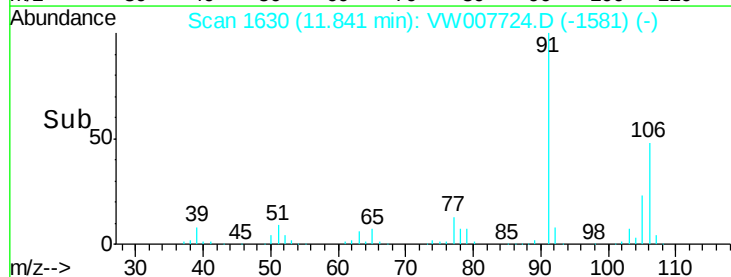
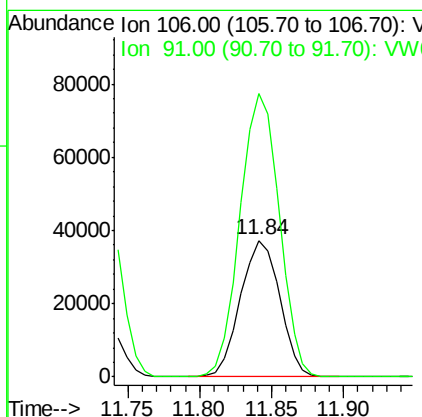
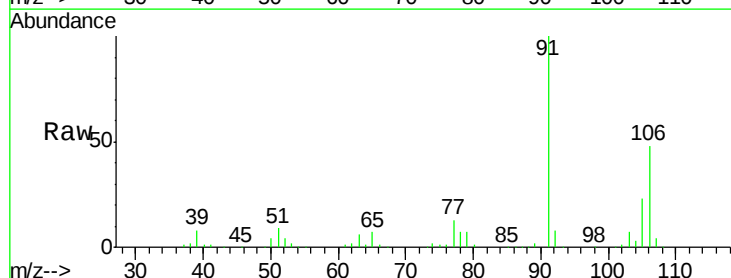
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

Tgt Ion: 91 Resp: 92323
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.8



#68
m/p-Xylenes
Concen: 43.670 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion: 106 Resp: 70677
Ion Ratio Lower Upper
106 100
91 207.2 165.2 247.8

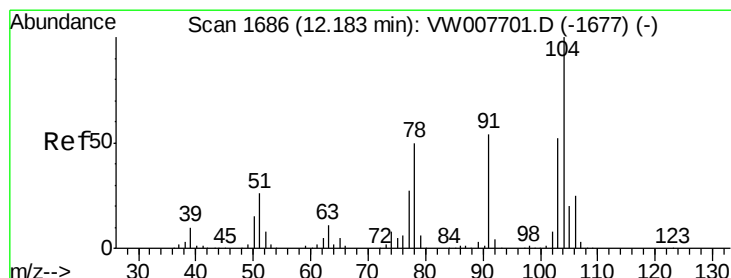
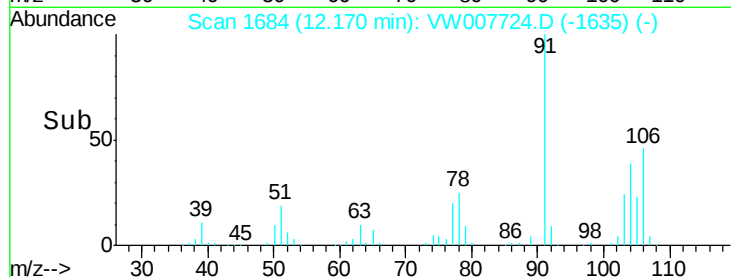
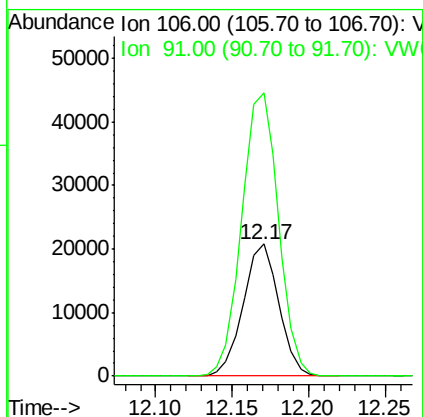
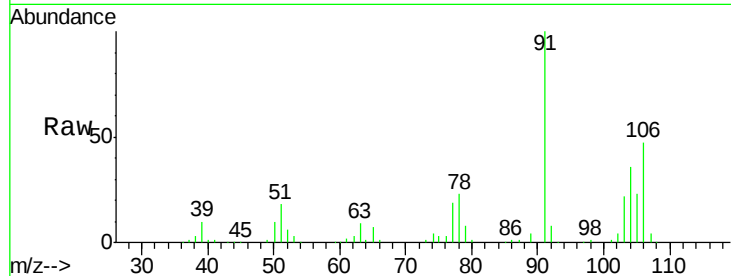




#69
o-Xylene
Concen: 22.238 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

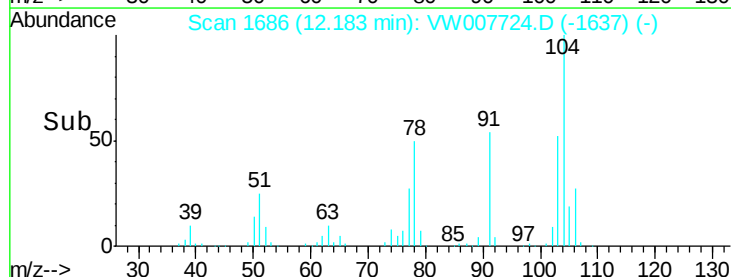
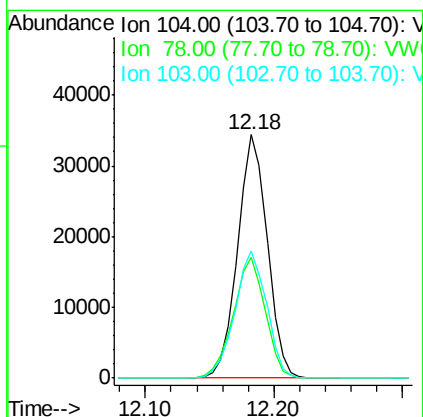
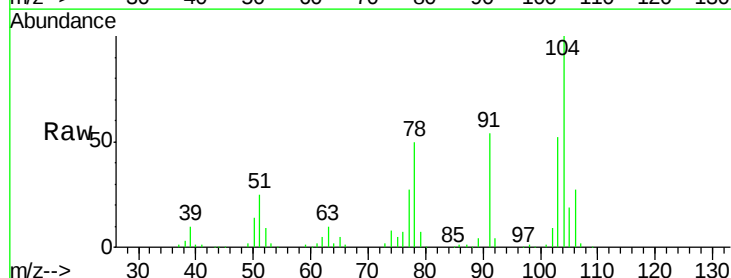
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

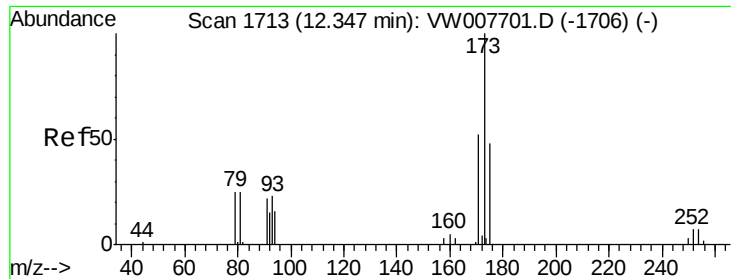
Tgt Ion:106 Resp: 33737
Ion Ratio Lower Upper
106 100
91 220.2 110.5 331.4



#70
Styrene
Concen: 22.040 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion:104 Resp: 54962
Ion Ratio Lower Upper
104 100
78 53.5 43.4 65.0
103 56.0 44.5 66.7

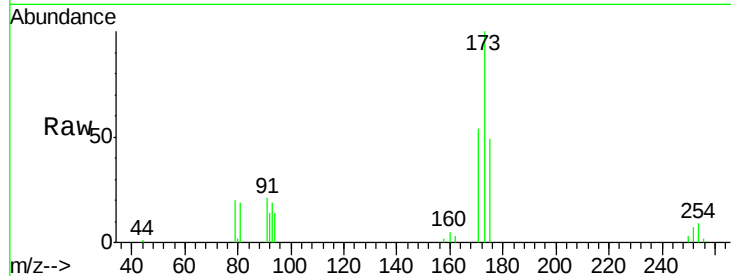




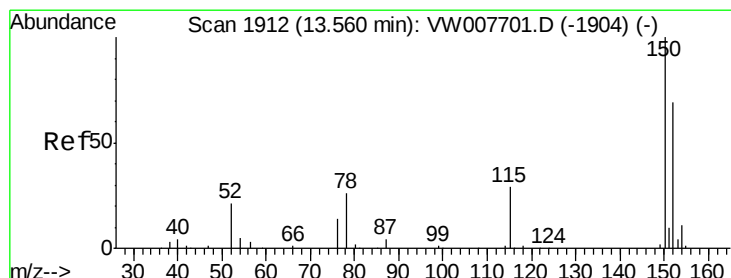
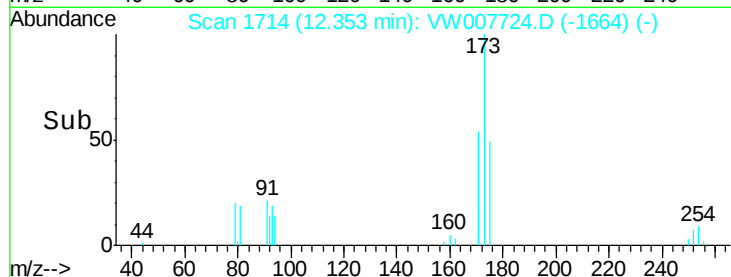
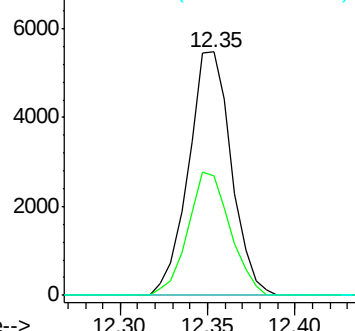
#71
Bromoform
Concen: 20.648 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

Tgt Ion:173 Resp: 9312
Ion Ratio Lower Upper
173 100
175 50.0 23.9 71.7
254 0.0 0.0 0.0

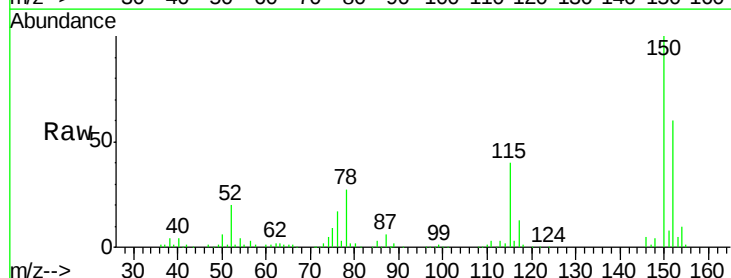


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

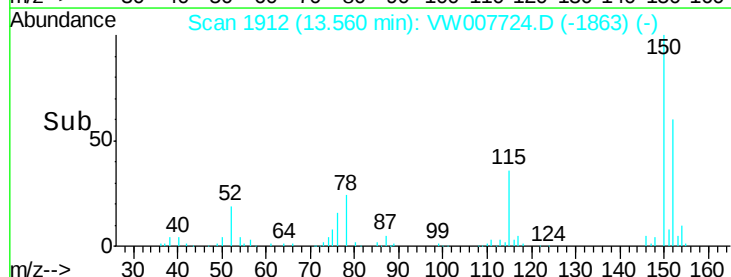
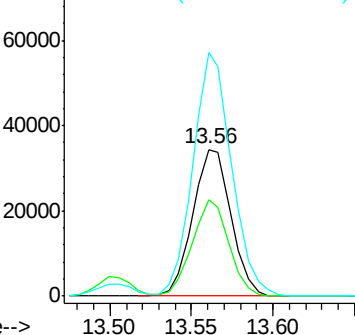


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion:152 Resp: 56198
Ion Ratio Lower Upper
152 100
115 62.5 31.8 95.4
150 167.1 0.0 350.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.275 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

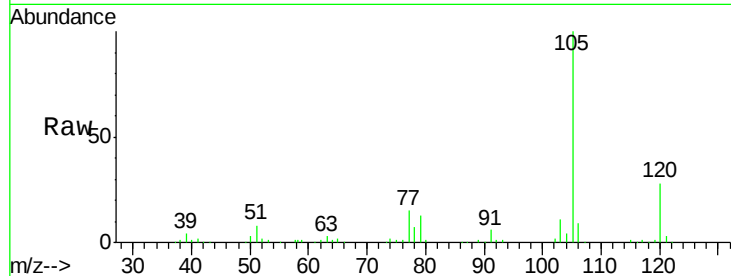
VW1221SBSD02

Tgt Ion:105 Resp: 94624

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

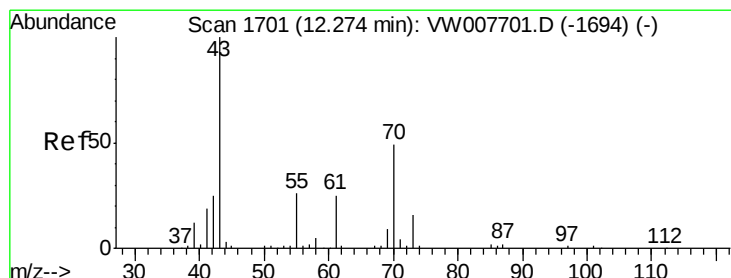
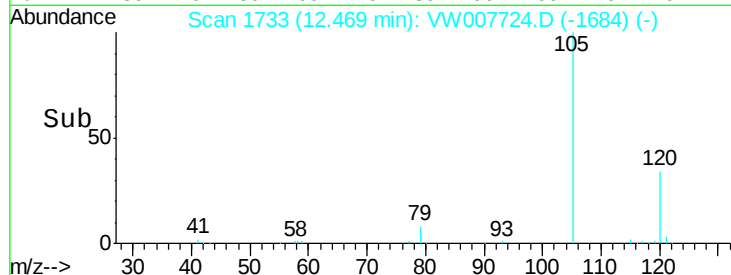
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 22.655 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Tgt Ion: 43 Resp: 16670

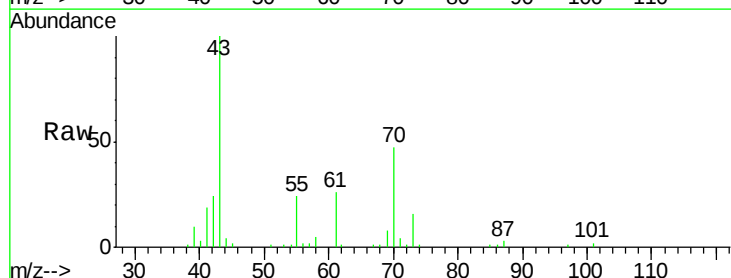
Ion Ratio Lower Upper

43 100

70 45.7 37.6 56.4

55 25.7 21.7 32.5

61 25.4 20.1 30.1



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

12.27

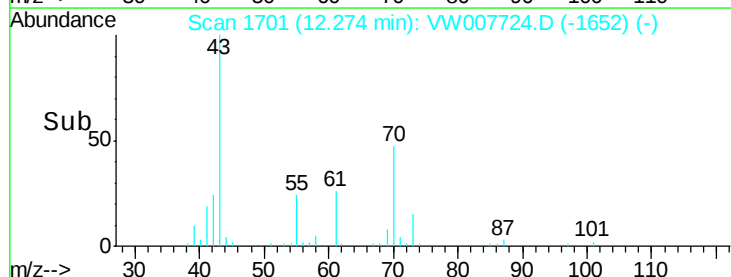
15000

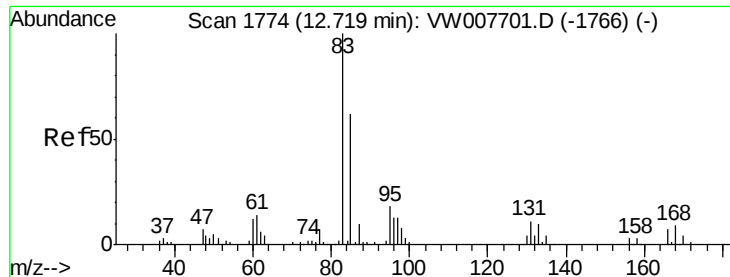
10000

5000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.458 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD02

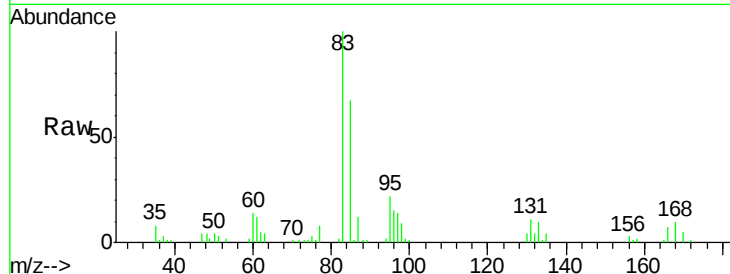
Tgt Ion: 83 Resp: 13667

Ion Ratio Lower Upper

83 100

131 12.2 6.3 18.8

85 65.1 32.3 96.8

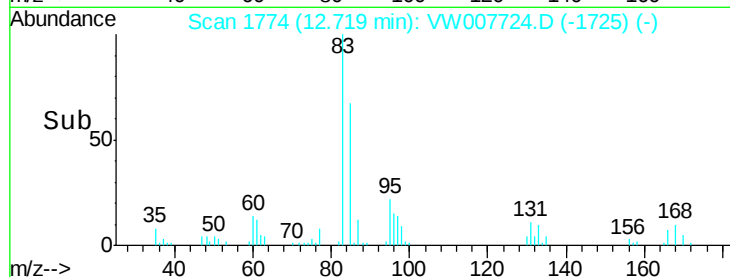


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

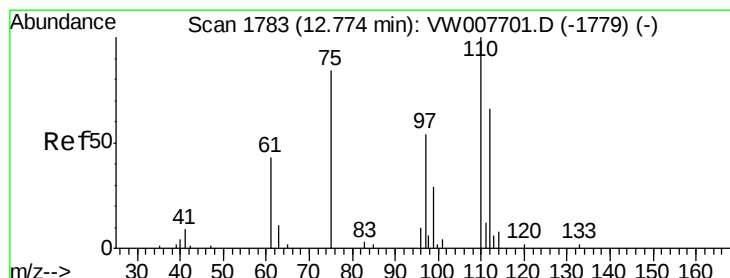
Ion 84.90 (84.60 to 85.60): VW

Time-->



12.72

Time-->



#76

1,2,3-Trichloropropane

Concen: 44.440 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007724.D

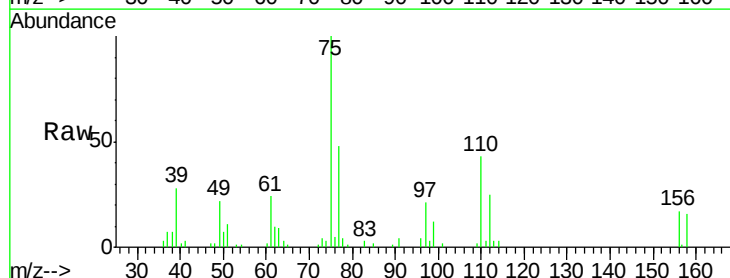
Acq: 20 Dec 2018 04:14

Tgt Ion: 75 Resp: 19303

Ion Ratio Lower Upper

75 100

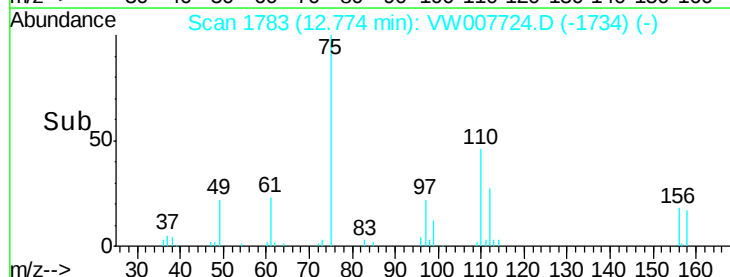
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

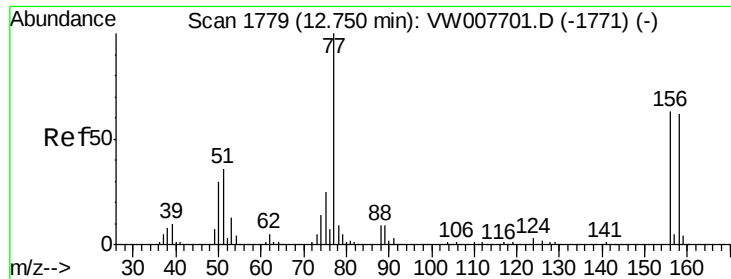
Ion 77.00 (76.70 to 77.70): VW

Time-->



12.77

Time-->



#77

Bromobenzene

Concen: 21.899 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD02

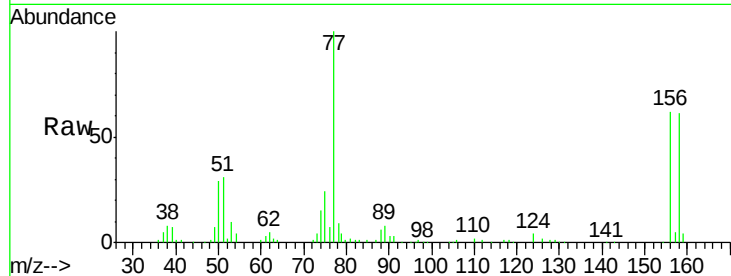
Tgt Ion:156 Resp: 21319

Ion Ratio Lower Upper

156 100

77 174.5 87.4 262.1

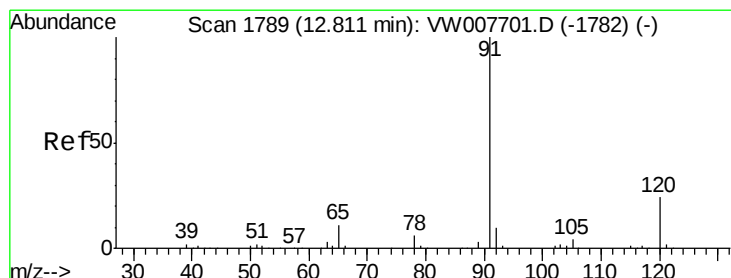
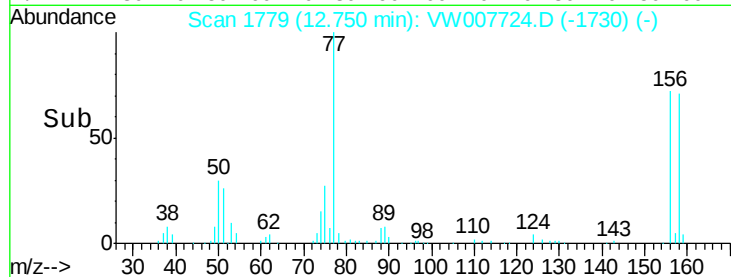
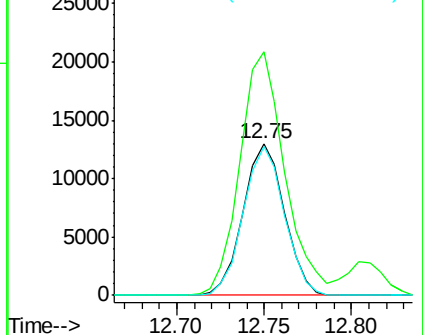
158 97.8 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.191 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007724.D

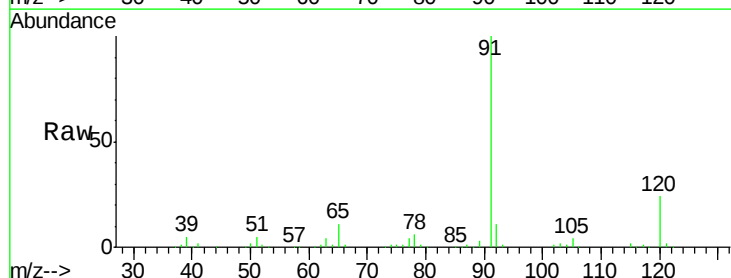
Acq: 20 Dec 2018 04:14

Tgt Ion: 91 Resp: 109730

Ion Ratio Lower Upper

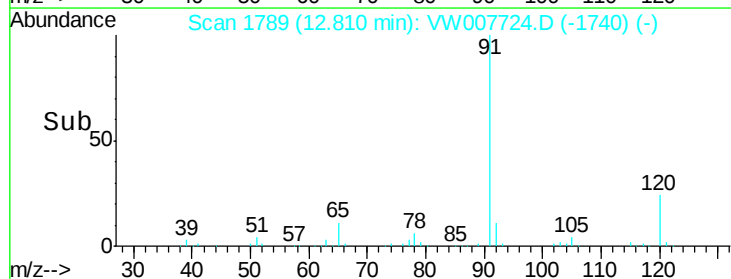
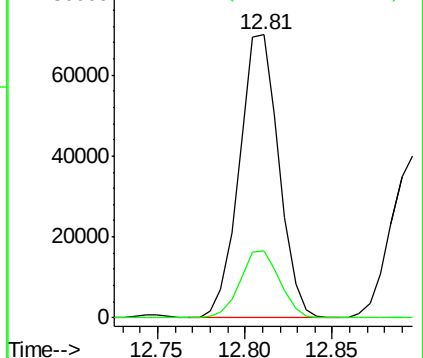
91 100

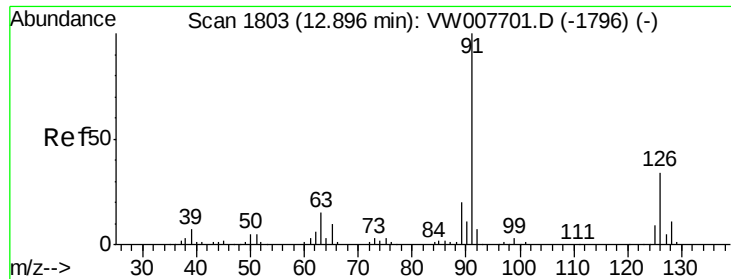
120 23.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

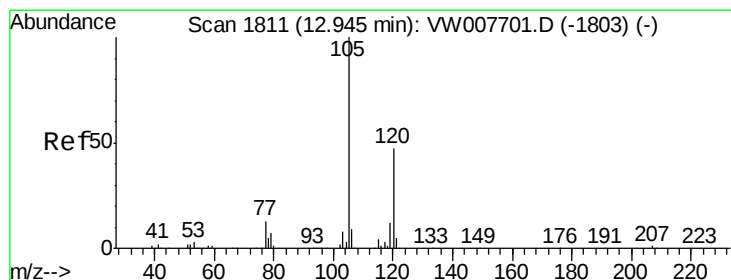
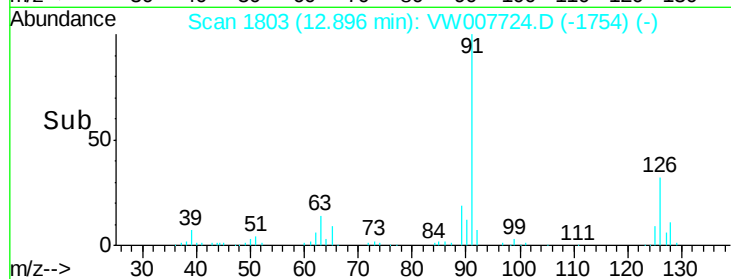
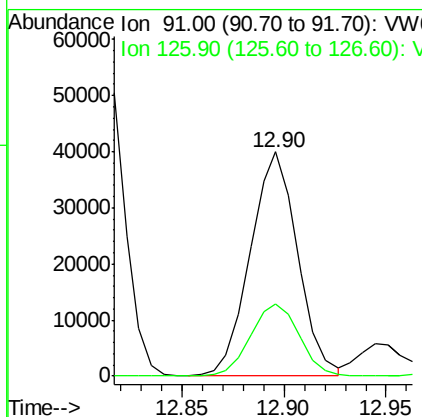
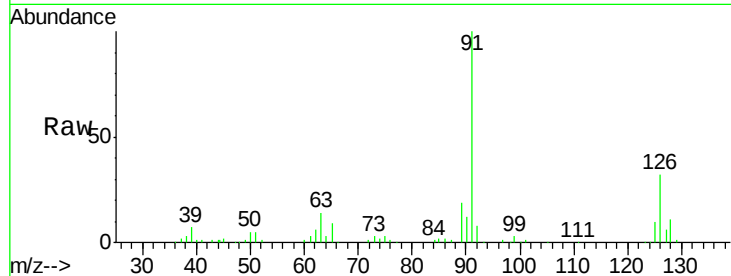




#79
 2-Chlorotoluene
 Concen: 22.386 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

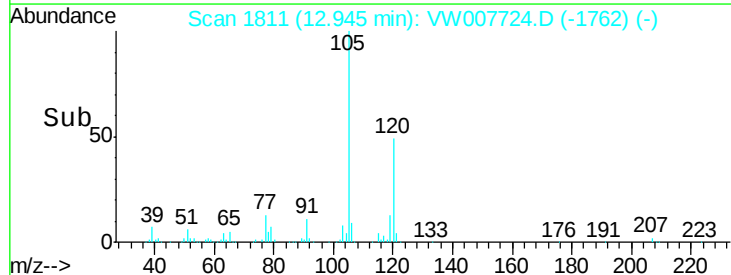
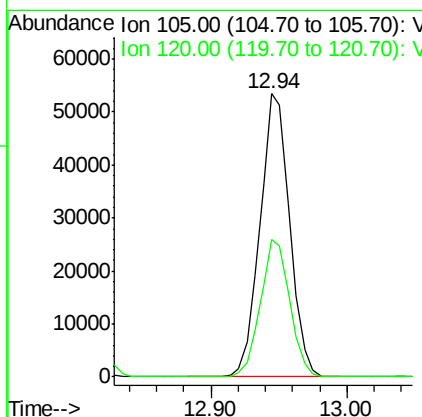
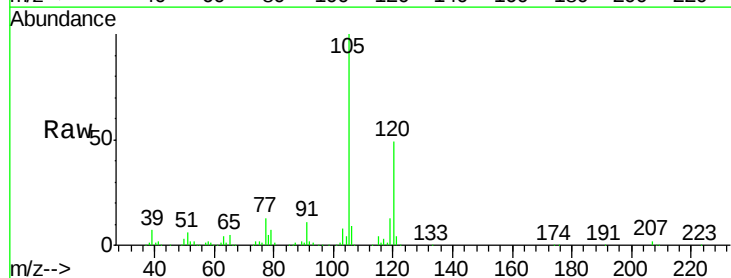
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBSD02

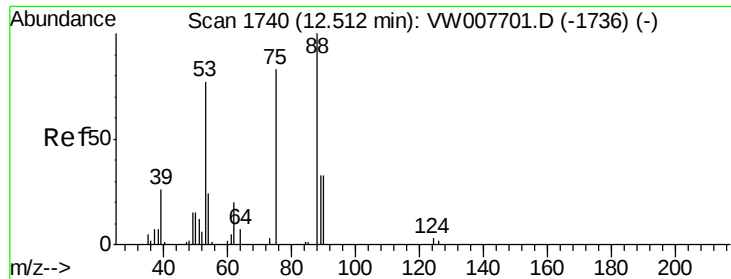
Tgt Ion: 91 Resp: 64485
 Ion Ratio Lower Upper
 91 100
 126 33.1 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 22.374 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion: 105 Resp: 81983
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.818 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD02

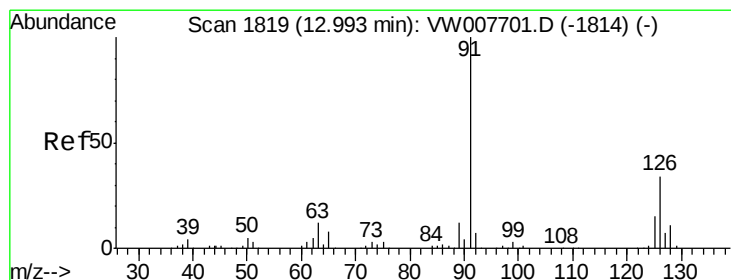
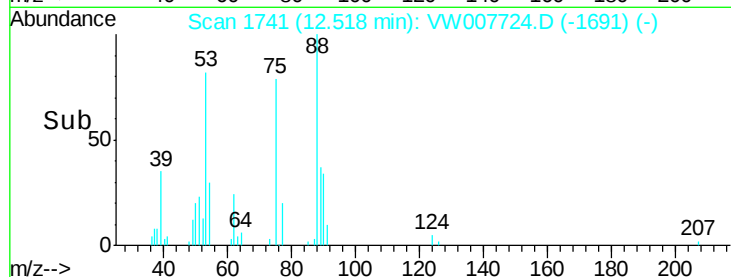
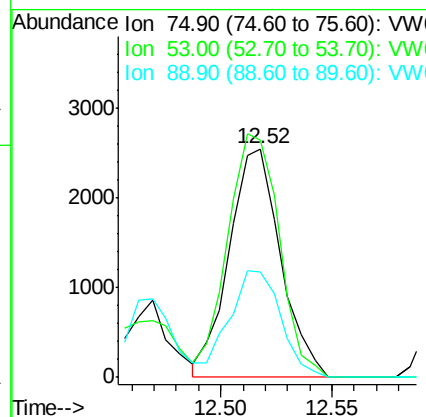
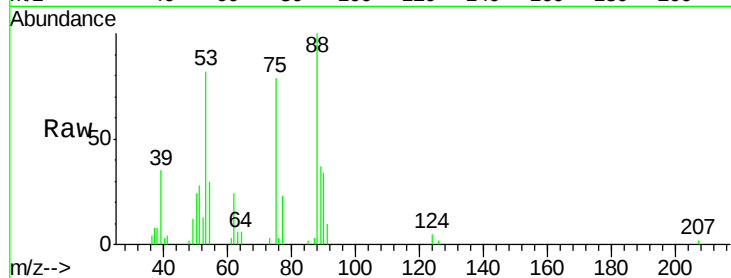
Tgt Ion: 75 Resp: 4101

Ion Ratio Lower Upper

75 100

53 106.8 80.2 120.2

89 45.8 39.2 58.8



#82

4-Chlorotoluene

Concen: 22.259 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007724.D

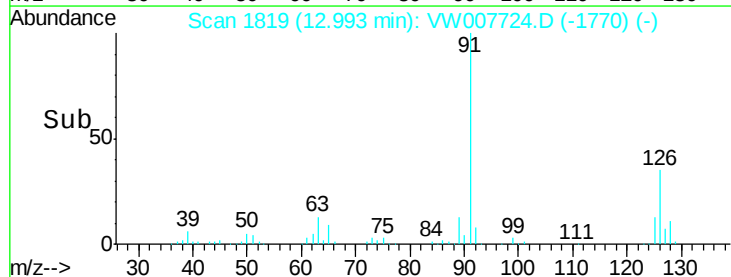
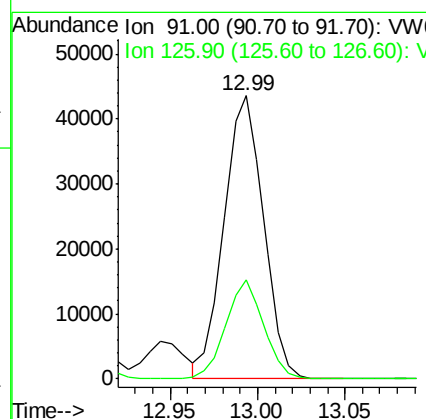
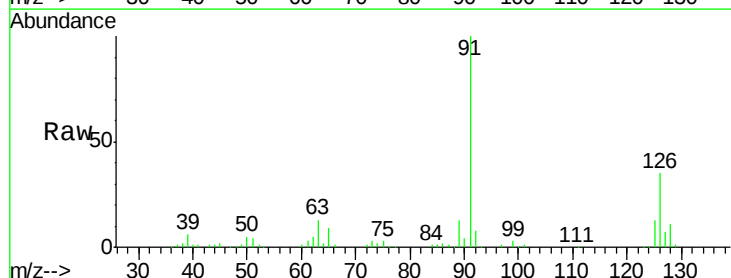
Acq: 20 Dec 2018 04:14

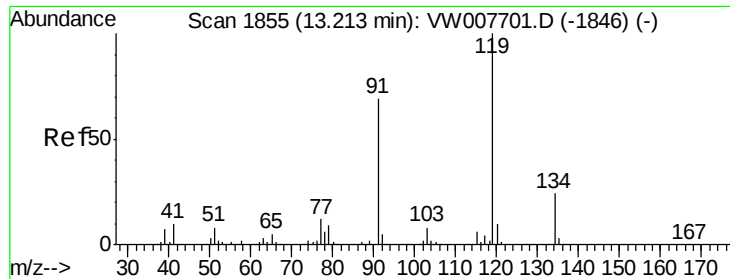
Tgt Ion: 91 Resp: 68272

Ion Ratio Lower Upper

91 100

126 33.6 16.5 49.5





#83

tert-Butylbenzene

Concen: 22.471 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBS02

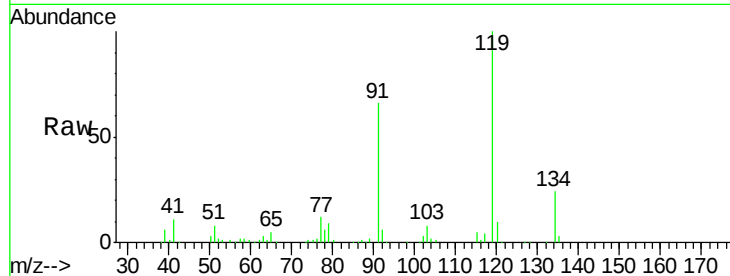
Tgt Ion:119 Resp: 72245

Ion Ratio Lower Upper

119 100

91 66.7 34.2 102.5

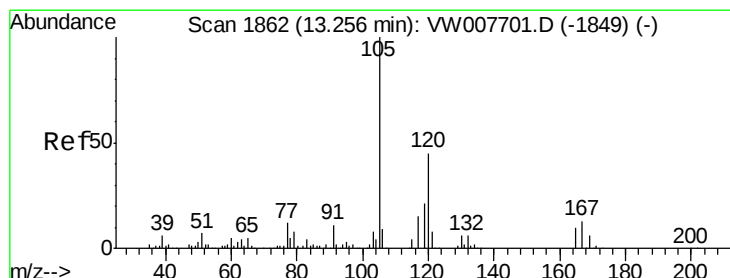
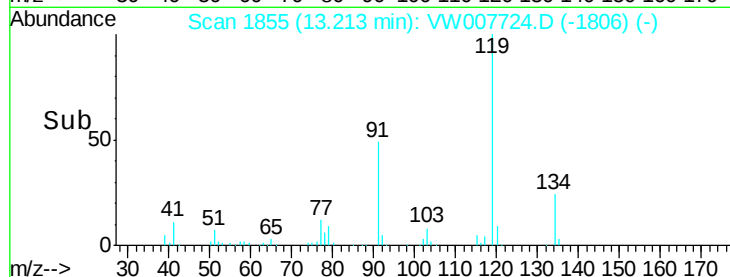
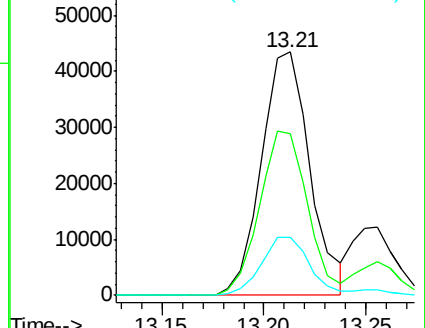
134 24.0 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.972 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007724.D

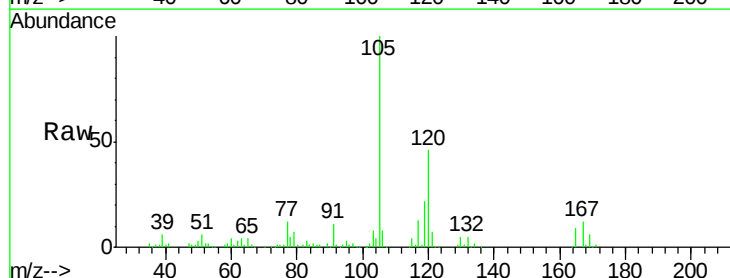
Acq: 20 Dec 2018 04:14

Tgt Ion:105 Resp: 84934

Ion Ratio Lower Upper

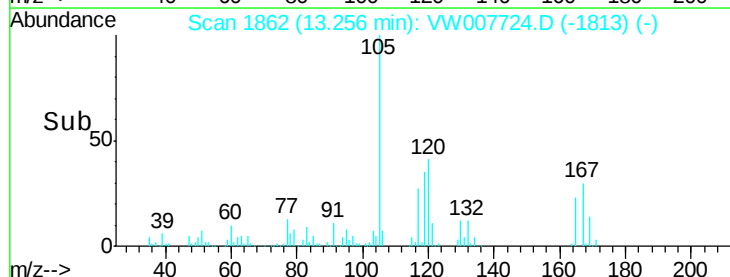
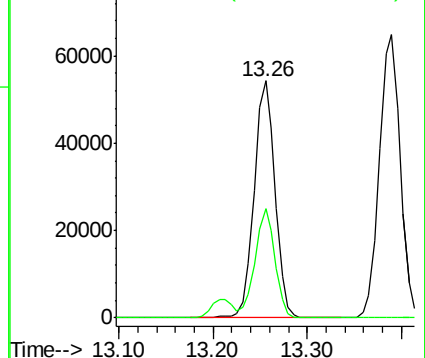
105 100

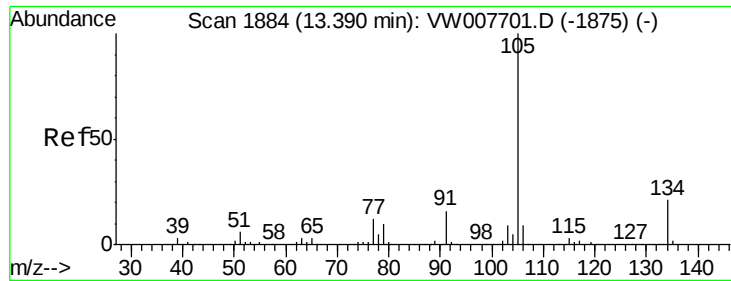
120 44.0 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

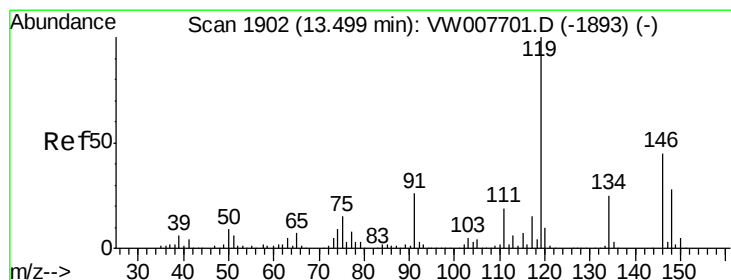
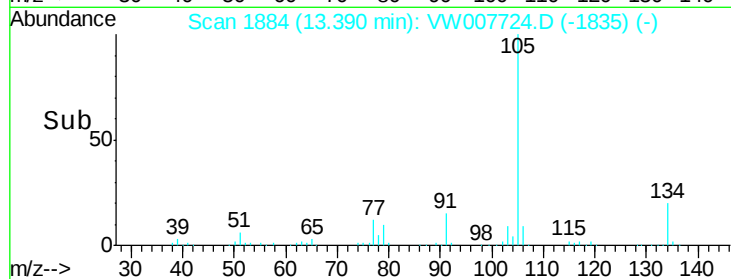
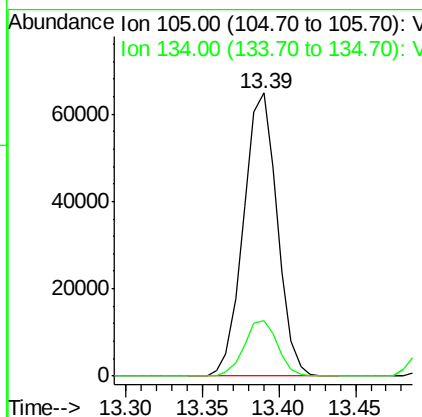
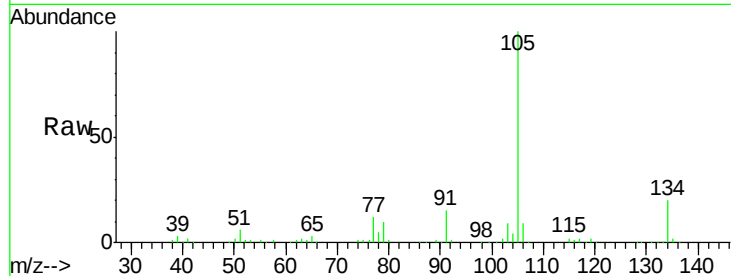




#85
 sec-Butylbenzene
 Concen: 22.362 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

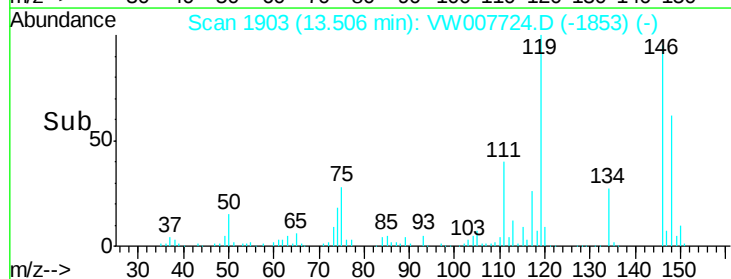
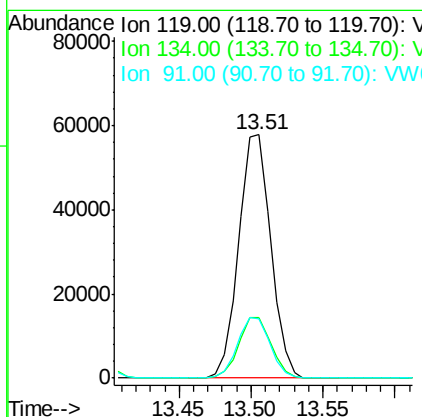
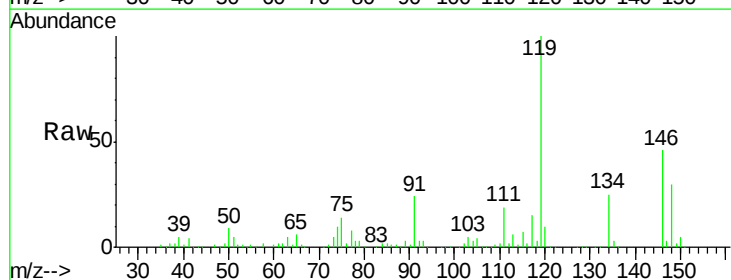
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tgt Ion:105 Resp: 99083
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 22.229 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion:119 Resp: 89563
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.0 39.0
 91 25.0 12.8 38.4

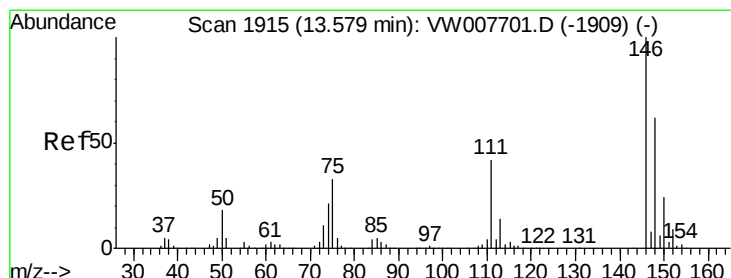
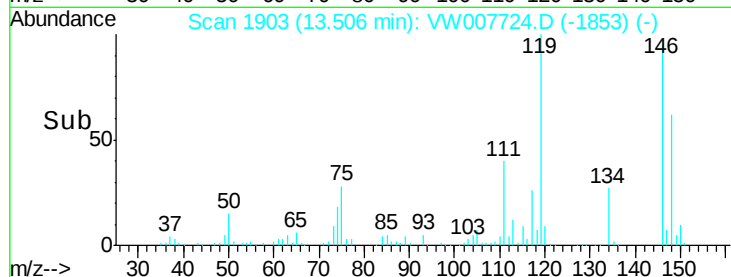
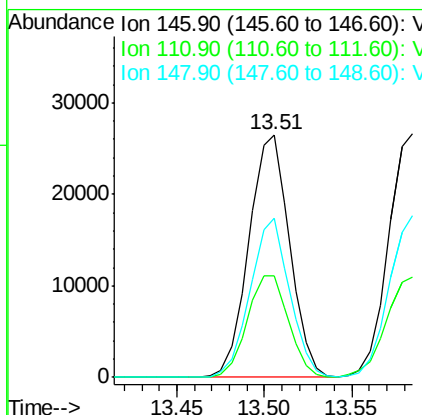
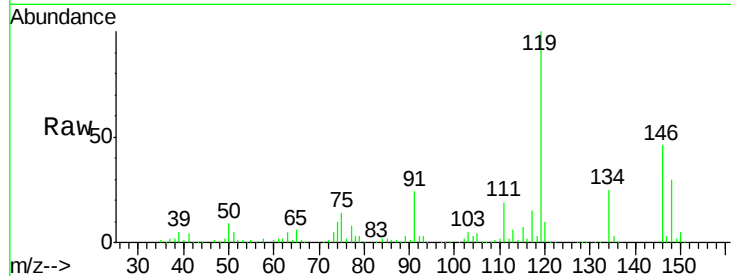




#87
 1,3-Dichlorobenzene
 Concen: 22.172 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

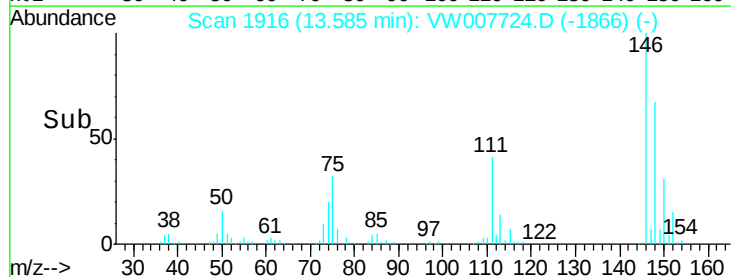
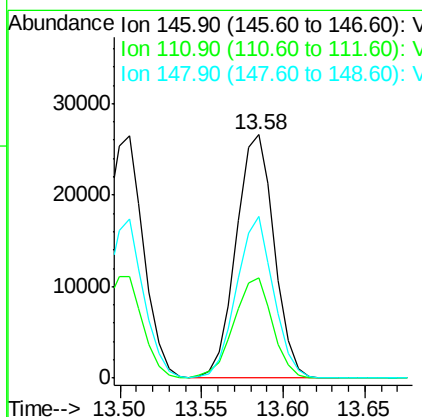
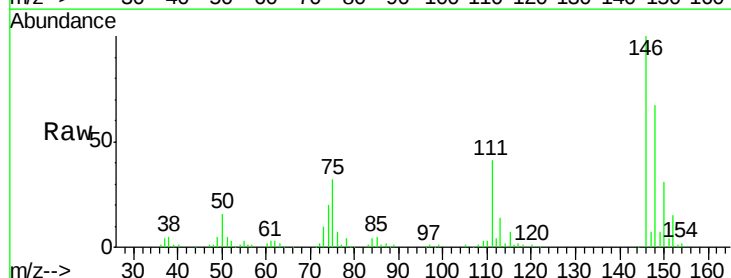
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Tgt Ion:146 Resp: 42856
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.1 63.4
 148 63.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 22.343 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion:146 Resp: 43200
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.0 63.0
 148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 21.795 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD02

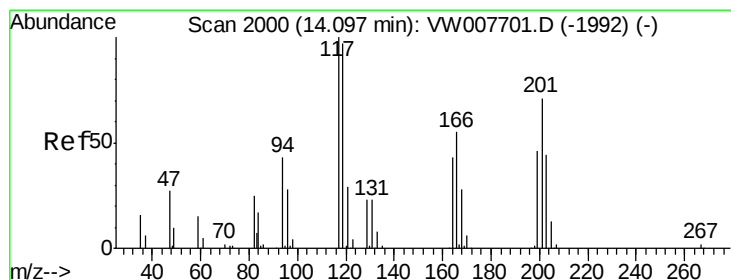
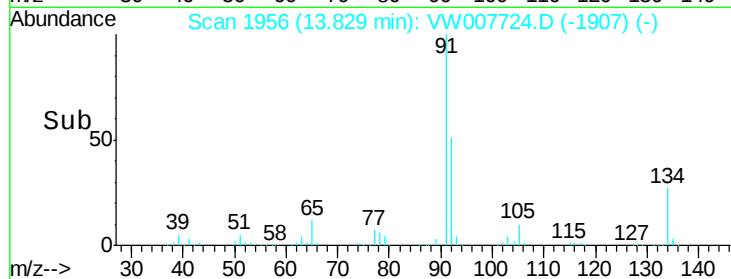
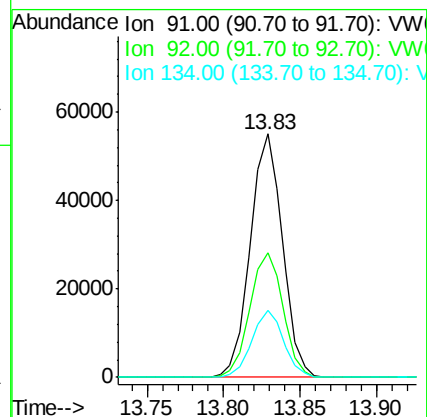
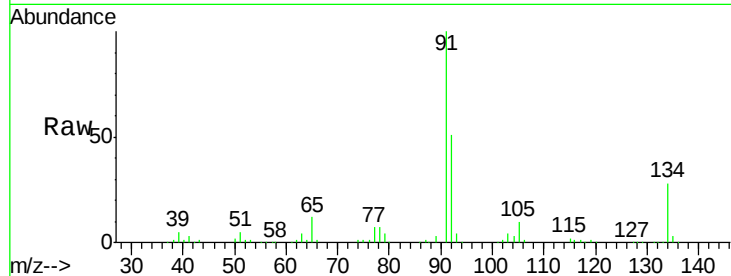
Tgt Ion: 91 Resp: 80513

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 27.1 13.7 41.0



#90

Hexachloroethane

Concen: 21.657 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007724.D

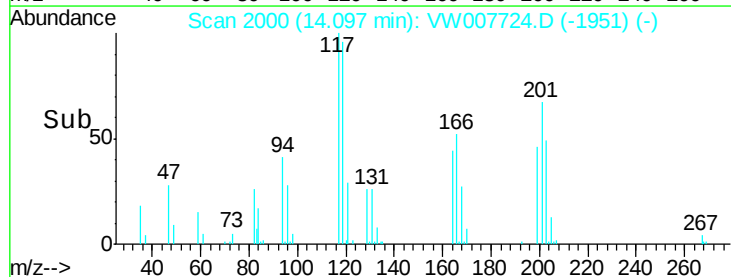
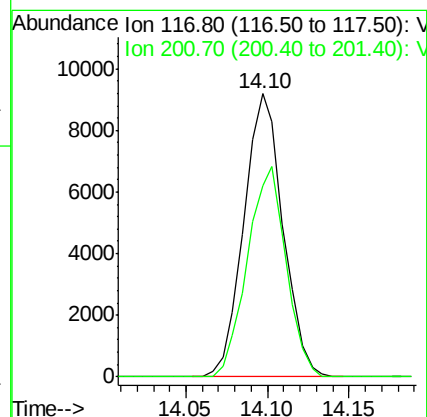
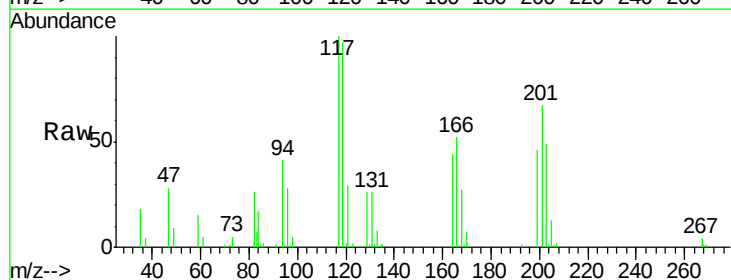
Acq: 20 Dec 2018 04:14

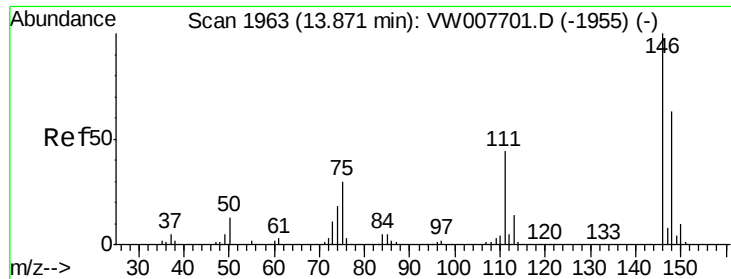
Tgt Ion: 117 Resp: 15319

Ion Ratio Lower Upper

117 100

201 73.2 36.2 108.6

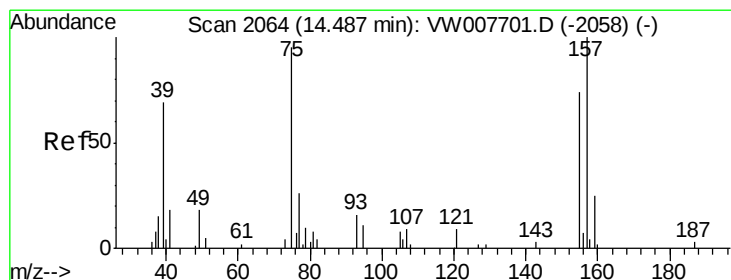
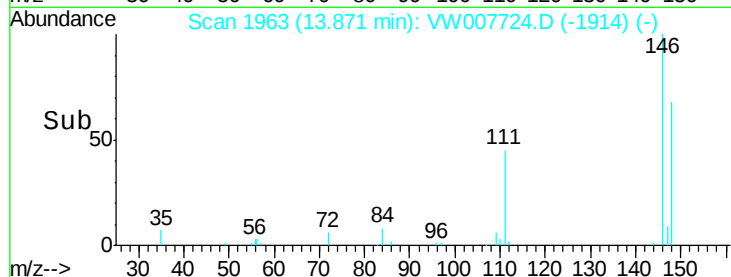
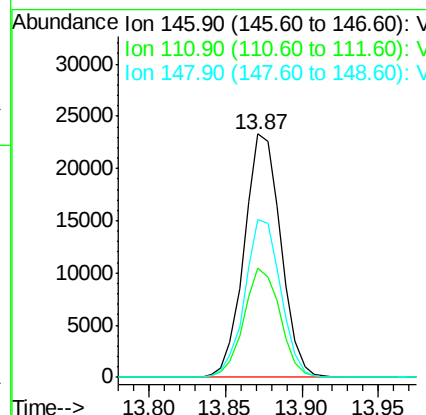
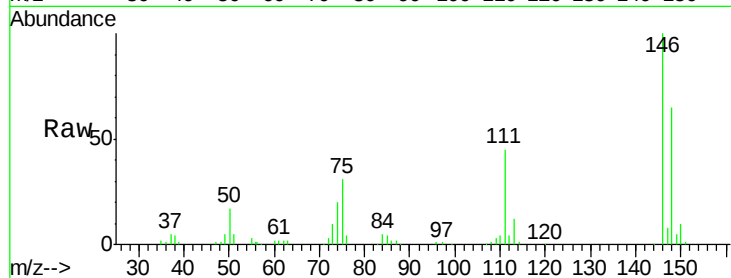




#91
 1,2-Dichlorobenzene
 Concen: 22.368 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

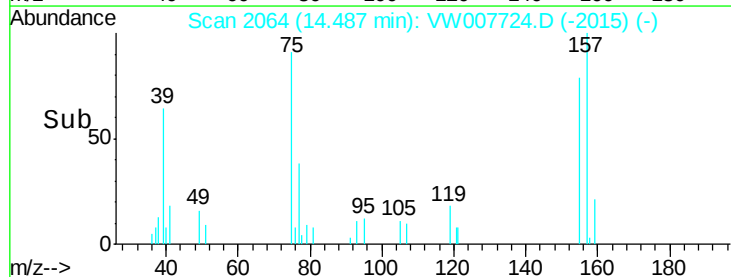
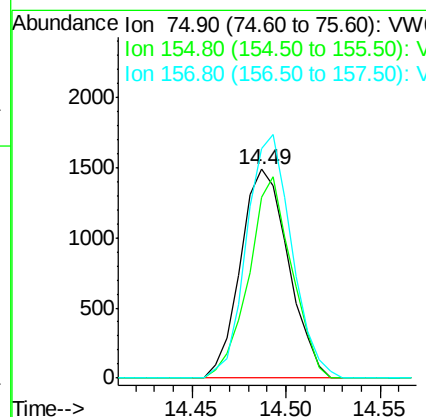
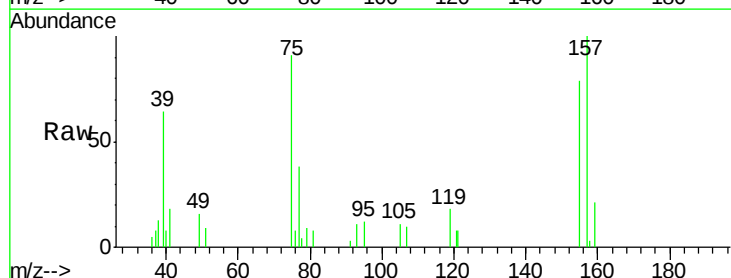
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

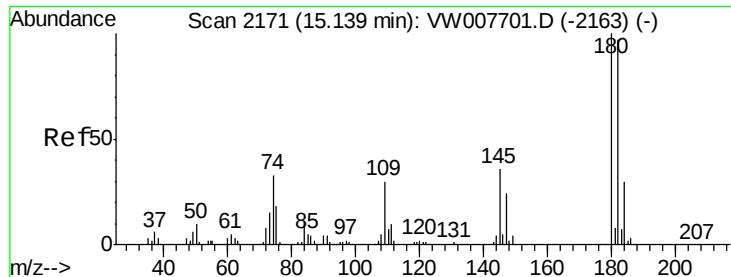
Tgt Ion: 146 Resp: 38710
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.7 65.1
 148 63.6 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.054 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007724.D
 Acq: 20 Dec 2018 04:14

Tgt Ion: 75 Resp: 2623
 Ion Ratio Lower Upper
 75 100
 155 86.3 39.4 118.1
 157 109.6 52.0 156.0

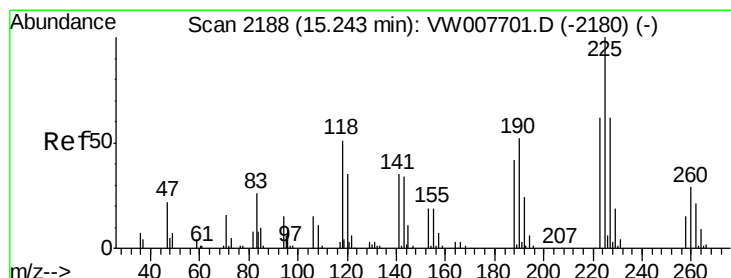
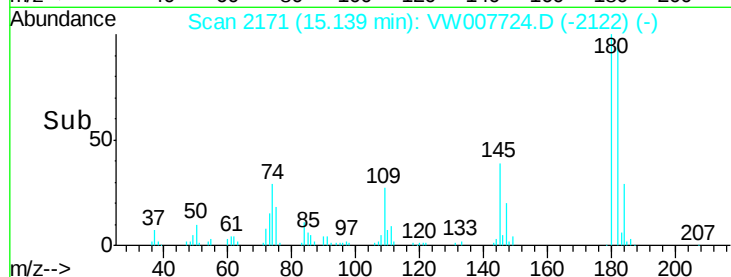
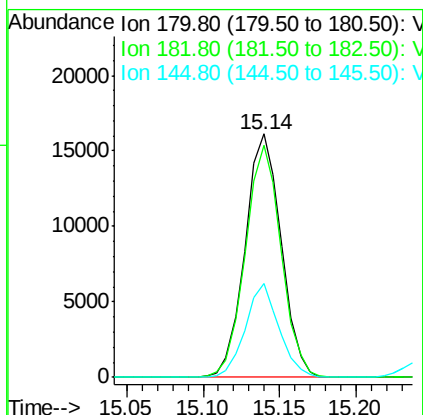
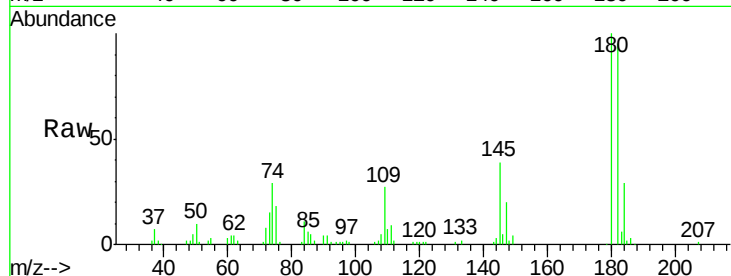




#93
1,2,4-Trichlorobenzene
Concen: 21.937 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

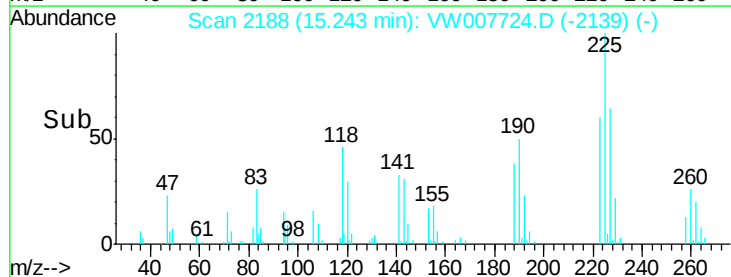
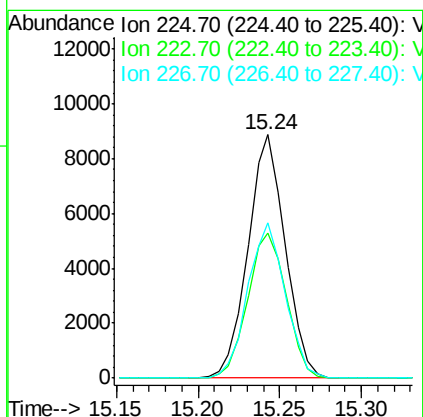
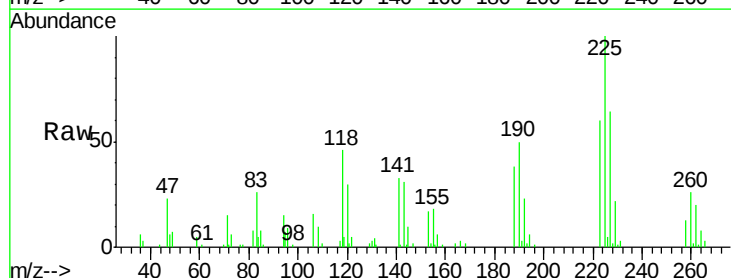
Instrument :
MSVOA_W
ClientSampleId :
VW1221SBSD02

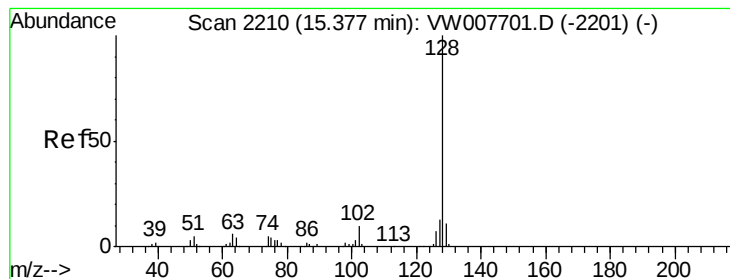
Tgt Ion:180 Resp: 26353
Ion Ratio Lower Upper
180 100
182 94.7 47.5 142.6
145 36.0 17.5 52.5



#94
Hexachlorobutadiene
Concen: 21.960 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007724.D
Acq: 20 Dec 2018 04:14

Tgt Ion:225 Resp: 14098
Ion Ratio Lower Upper
225 100
223 61.7 31.6 94.8
227 64.2 32.1 96.3





#95

Naphthalene

Concen: 22.895 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

Instrument :

MSVOA_W

ClientSampleId :

VW1221SBSD02

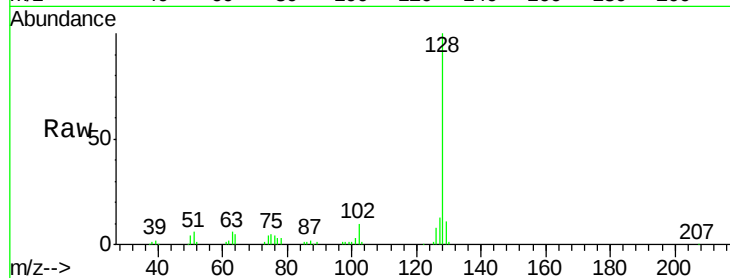
Tgt Ion:128 Resp: 50851

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

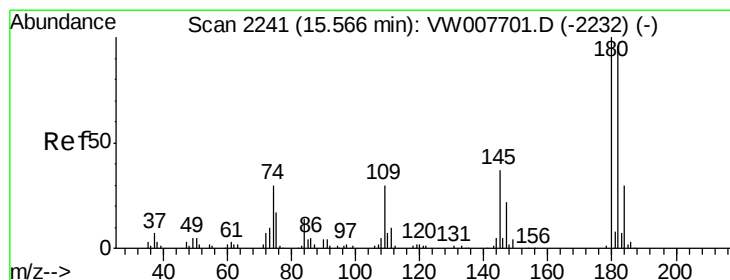
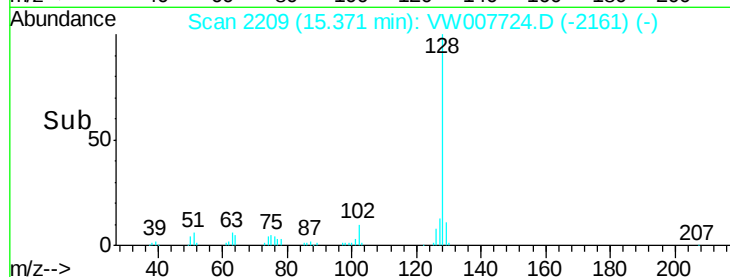
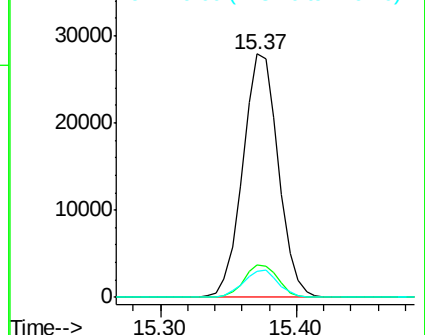
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.160 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW007724.D

Acq: 20 Dec 2018 04:14

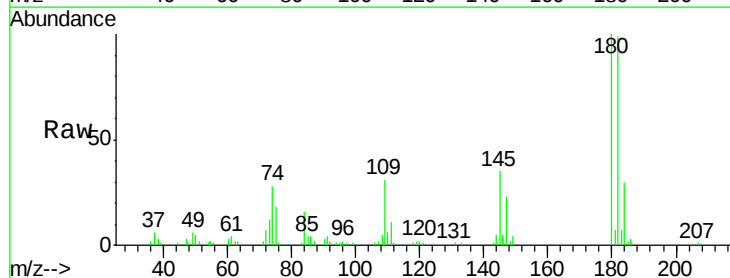
Tgt Ion:180 Resp: 22787

Ion Ratio Lower Upper

180 100

182 95.9 47.4 142.2

145 36.4 18.4 55.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

