

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122318\
 Data File : VW007811.D
 Acq On : 21 Dec 2018 22:26
 Operator : SY/AP
 Sample : J6392-18MS
 Misc : 5.9G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 21 23:51:10 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	64943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	111439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	101518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	49618	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	42003	59.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.02%	
35) Dibromofluoromethane	7.88	113	36883	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
50) Toluene-d8	10.32	98	138908	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	
62) 4-Bromofluorobenzene	12.62	95	53885	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24790	42.938	ug/l	93
3) Chloromethane	2.22	50	22825	64.383	ug/l	99
4) Vinyl Chloride	2.37	62	28263	62.628	ug/l	97
5) Bromomethane	2.78	94	18929	60.221	ug/l	97
6) Chloroethane	2.92	64	15548	64.398	ug/l	97
7) Trichlorofluoromethane	3.25	101	21162	45.041	ug/l	96
8) Diethyl Ether	3.67	74	18100	62.896	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	33057	47.774	ug/l	97
10) Methyl Iodide	4.26	142	54974	49.958	ug/l	96
11) Tert butyl alcohol	5.18	59	15625	325.407	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	32930	51.394	ug/l	96
13) Acrolein	3.88	56	8035	209.287	ug/l	99
14) Allyl chloride	4.66	41	43892	52.237	ug/l	94
15) Acrylonitrile	5.36	53	39774	324.009	ug/l	99
16) Acetone	4.12	43	42007	315.150	ug/l	95
17) Carbon Disulfide	4.37	76	92534	46.668	ug/l	99
18) Methyl Acetate	4.67	43	25753	81.240	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	60916	66.223	ug/l #	81
20) Methylene Chloride	4.91	84	35923	54.452	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	36253	51.445	ug/l	93
22) Diisopropyl ether	6.31	45	90574	57.568	ug/l	99
23) Vinyl Acetate	6.26	43	247430	264.699	ug/l	99
24) 1,1-Dichloroethane	6.21	63	62509	54.007	ug/l	97
25) 2-Butanone	7.17	43	52920	338.961	ug/l	97
26) 2,2-Dichloropropane	7.16	77	38474	45.426	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	40480	53.917	ug/l	100
28) Bromochloromethane	7.51	49	25144	63.715	ug/l	97
29) Tetrahydrofuran	7.53	42	32666	350.774	ug/l	98
30) Chloroform	7.67	83	68579	52.356	ug/l	97
31) Cyclohexane	7.95	56	54718	51.640	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	57947	48.574	ug/l	99
36) 1,1-Dichloropropene	8.08	75	52496	48.807	ug/l	98
37) Ethyl Acetate	7.26	43	22745	61.274	ug/l	98
38) Carbon Tetrachloride	8.07	117	53311	42.086	ug/l	97

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 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)
39) Methylcyclohexane	9.34	83	67318	50.368	ug/l	97
40) Benzene	8.32	78	144780	50.443	ug/l	99
41) Methacrylonitrile	7.48	41	13515	64.128	ug/l	94
42) 1,2-Dichloroethane	8.40	62	49124	51.072	ug/l	97
43) Isopropyl Acetate	8.43	43	50775	68.275	ug/l	94
44) Trichloroethene	9.09	130	41788	48.144	ug/l	100
45) 1,2-Dichloropropane	9.37	63	33313	52.308	ug/l	94
46) Dibromomethane	9.46	93	20419	52.084	ug/l	99
47) Bromodichloromethane	9.64	83	50252	48.758	ug/l	94
48) Methyl methacrylate	9.44	41	25577	68.901	ug/l	92
49) 1,4-Dioxane	9.44	88	7896	1270.357	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	113620	323.278	ug/l	100
52) Toluene	10.39	92	98973	51.396	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	53077	51.775	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	57907	51.139	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32819	60.724	ug/l	97
56) Ethyl methacrylate	10.65	69	38714	60.628	ug/l	96
57) 1,3-Dichloropropane	10.93	76	49968	55.677	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	93073	319.239	ug/l	100
59) 2-Hexanone	10.97	43	83187	336.554	ug/l	98
60) Dibromochloromethane	11.13	129	33974	47.476	ug/l	98
61) 1,2-Dibromoethane	11.24	107	30309	55.379	ug/l	97
64) Tetrachloroethene	10.86	164	38311	53.293	ug/l	98
65) Chlorobenzene	11.66	112	106457	48.449	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	37342	47.562	ug/l	97
67) Ethyl Benzene	11.73	91	186944	49.580	ug/l	99
68) m/p-Xylenes	11.84	106	142974	97.750	ug/l	98
69) o-Xylene	12.17	106	69397	50.616	ug/l	99
70) Styrene	12.18	104	114166	50.657	ug/l	100
71) Bromoform	12.35	173	19664	48.246	ug/l #	99
73) Isopropylbenzene	12.47	105	216453	57.712	ug/l	99
74) N-amyl acetate	12.27	43	41535	63.934	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	34291	60.979	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	45706	119.181	ug/l #	100
77) Bromobenzene	12.75	156	44097	51.303	ug/l	94
78) n-propylbenzene	12.80	91	237980	54.509	ug/l	99
79) 2-Chlorotoluene	12.90	91	130292	51.229	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	165137	51.045	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10314	56.453	ug/l	96
82) 4-Chlorotoluene	12.99	91	136373	50.358	ug/l	99
83) tert-Butylbenzene	13.21	119	143669	50.613	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	168622	51.654	ug/l	99
85) sec-Butylbenzene	13.39	105	199657	51.036	ug/l	100
86) p-Isopropyltoluene	13.50	119	173601	48.801	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	83948	49.190	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	84375	49.426	ug/l	99
89) n-Butylbenzene	13.83	91	156565	48.002	ug/l	100
90) Hexachloroethane	14.10	117	28955	46.363	ug/l	92
91) 1,2-Dichlorobenzene	13.88	146	78670	51.486	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6523	56.484	ug/l	93

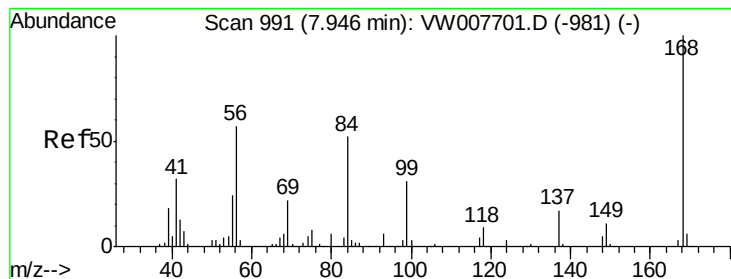
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	51239	48.309	ug/l	97
94) Hexachlorobutadiene	15.24	225	25481	44.954	ug/l	98
95) Naphthalene	15.38	128	120190	61.291	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	46233	50.922	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Instrument :

MSVOA_W

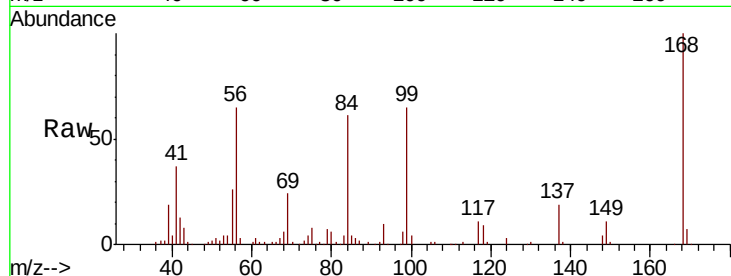
ClientSampleId :

Tot Ion:168 Resp: 64943

Ion Ratio Lower Upper

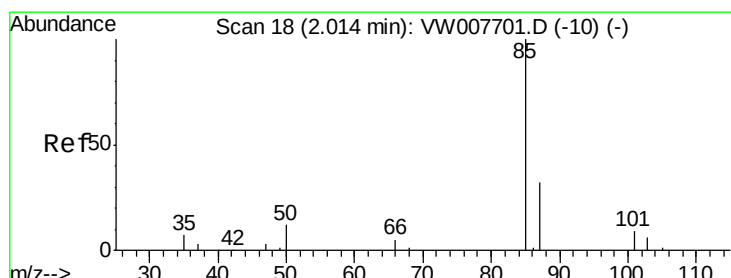
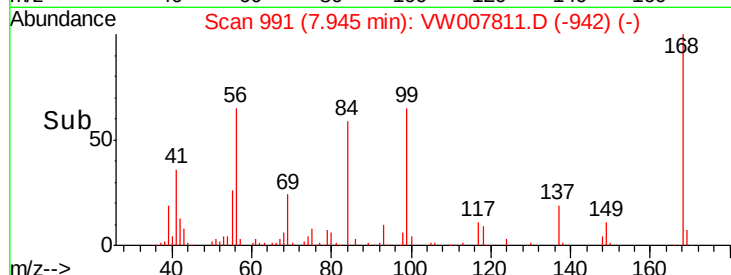
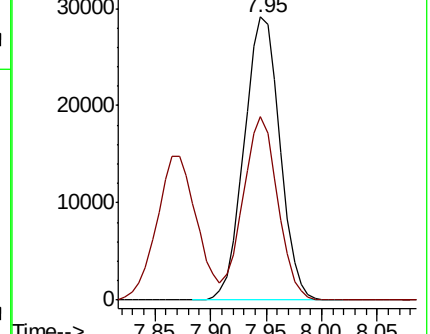
168 100

99 64.7 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 42.938 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW007811.D

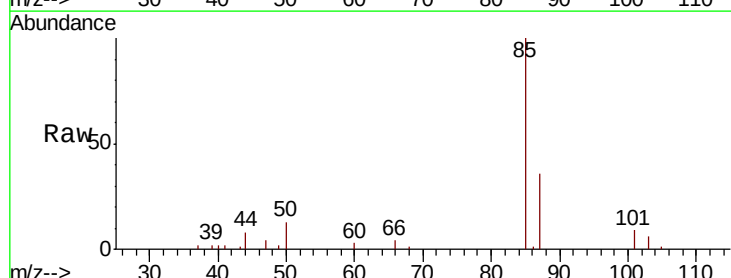
Acq: 21 Dec 2018 22:26

Tgt Ion: 85 Resp: 24790

Ion Ratio Lower Upper

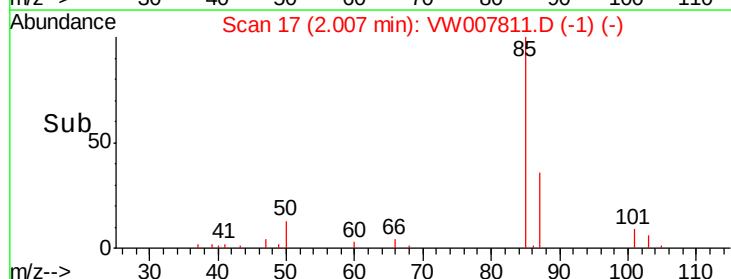
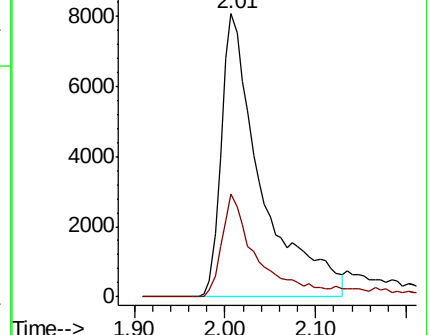
85 100

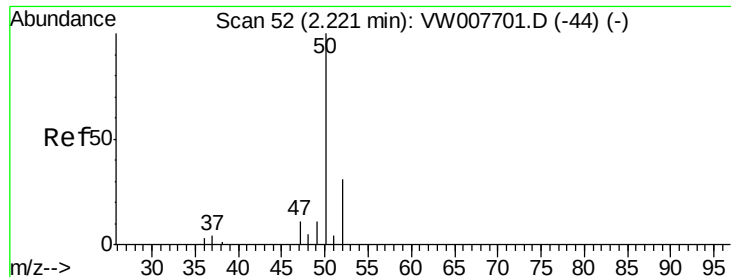
87 36.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 64.383 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Instrument :

MSVOA_W

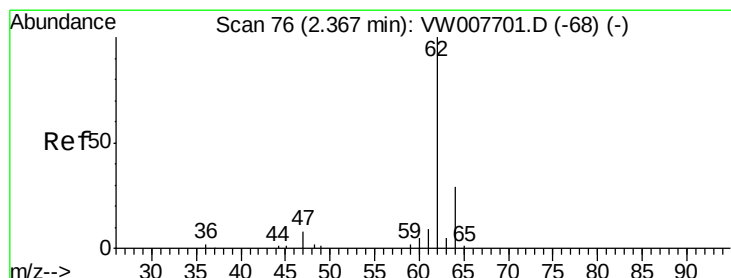
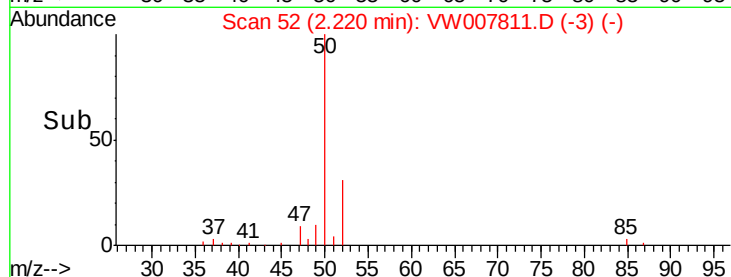
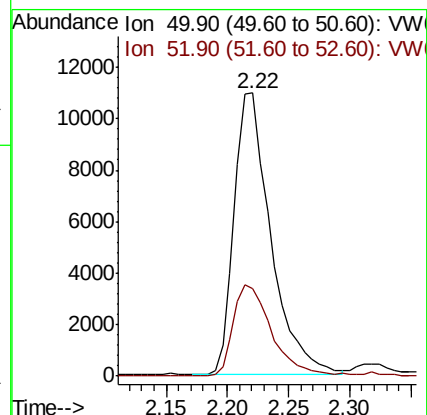
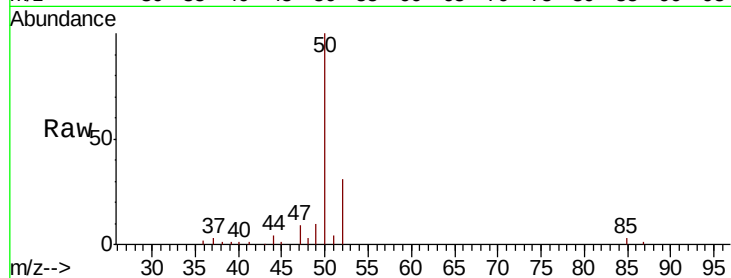
ClientSampleId :

Tot Ion: 50 Resp: 22825

Ion Ratio Lower Upper

50 100

52 30.9 25.1 37.7



#4

Vinyl Chloride

Concen: 62.628 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007811.D

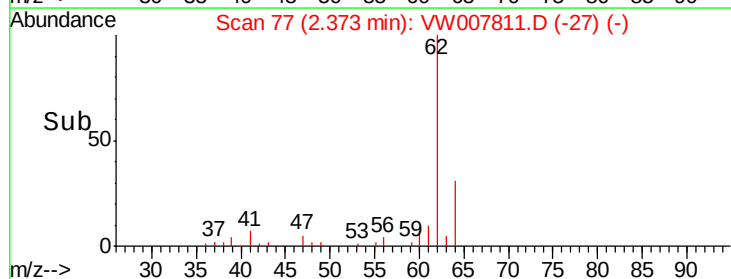
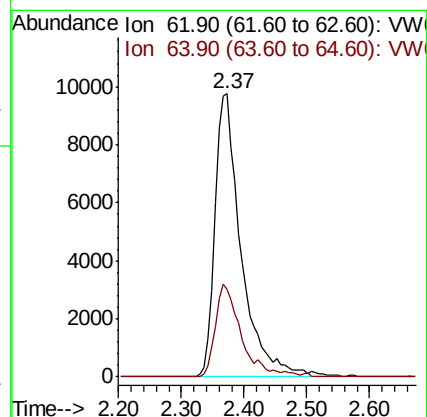
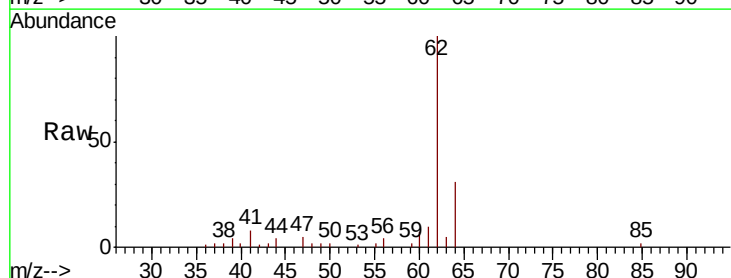
Acq: 21 Dec 2018 22:26

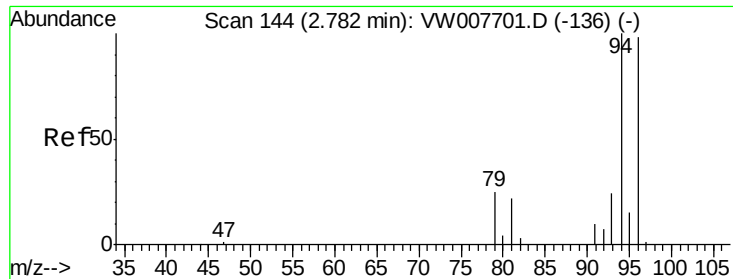
Tgt Ion: 62 Resp: 28263

Ion Ratio Lower Upper

62 100

64 30.9 23.4 35.0

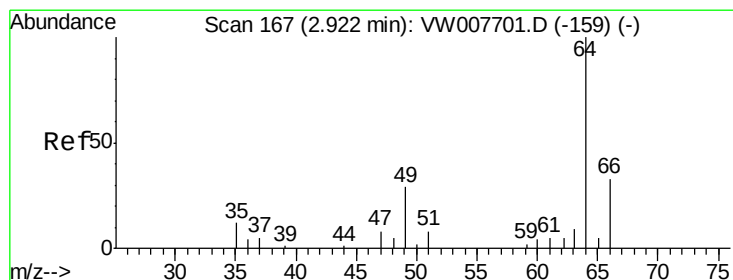
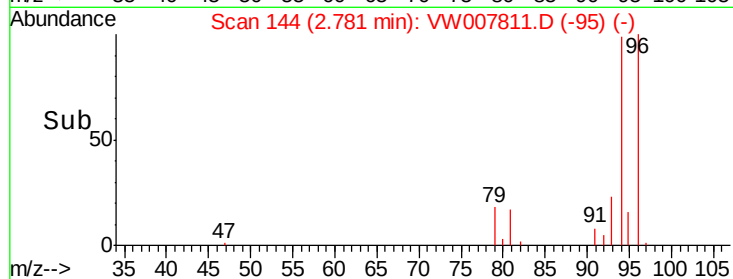
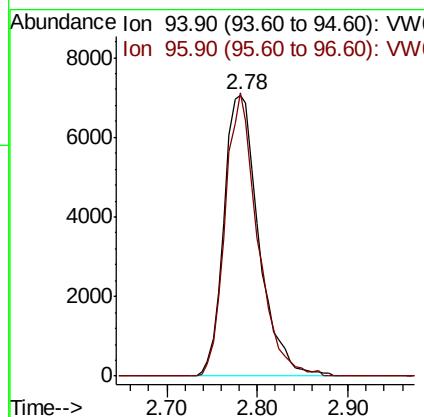
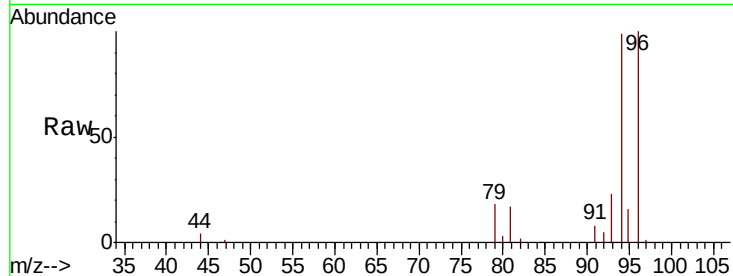




#5
Bromomethane
Concen: 60.221 ug/l
RT: 2.78 min Scan# 144
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

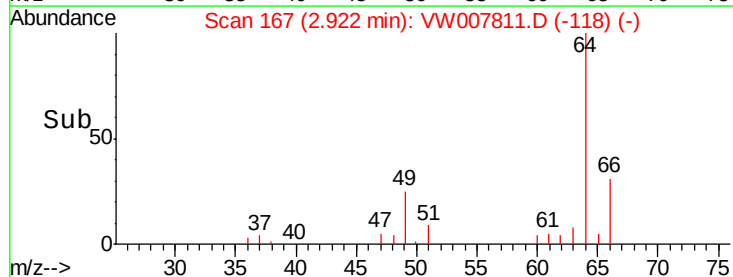
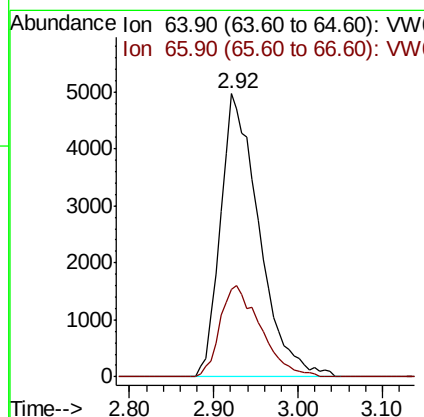
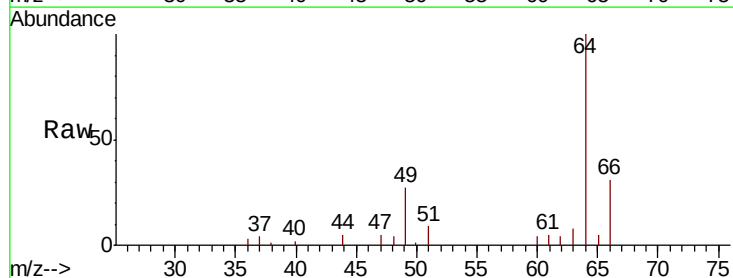
Instrument :
MSVOA_W
ClientSampled :

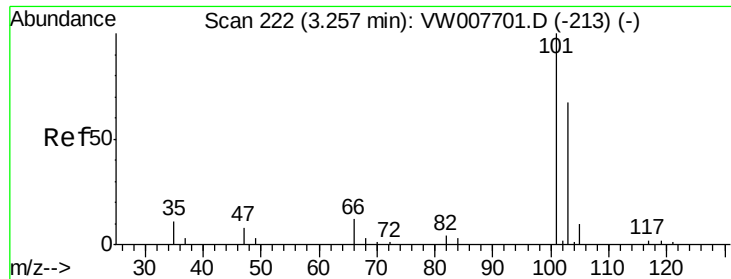
Tot Ion: 94 Resp: 18929
Ion Ratio Lower Upper
94 100
96 100.7 78.2 117.2



#6
Chloroethane
Concen: 64.398 ug/l
RT: 2.92 min Scan# 167
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion: 64 Resp: 15548
Ion Ratio Lower Upper
64 100
66 30.8 26.2 39.4



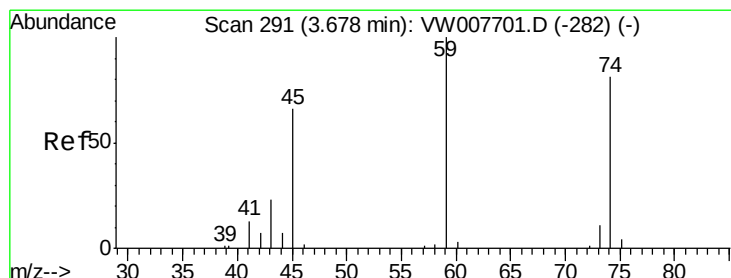
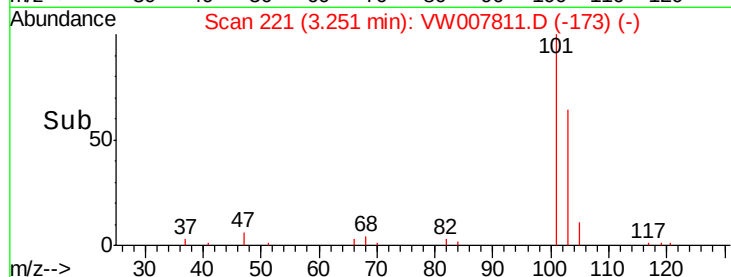
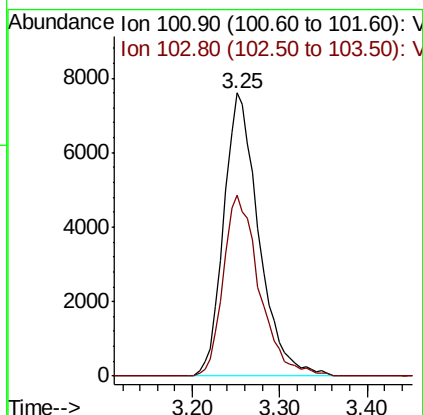
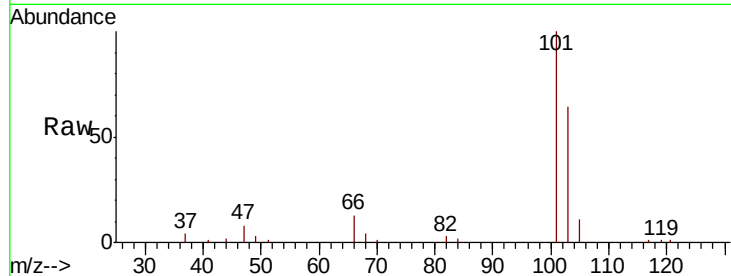


#7

Trichlorofluoromethane
 Concen: 45.041 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

Instrument :
 MSVOA_W
 ClientSampleId :

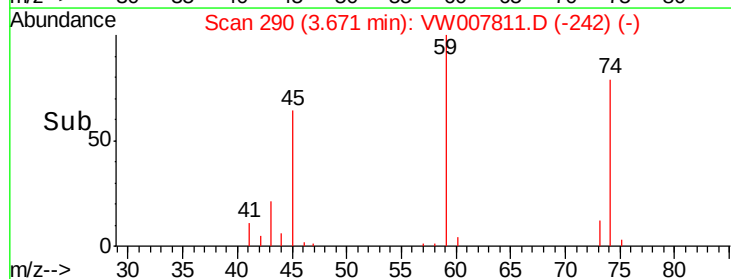
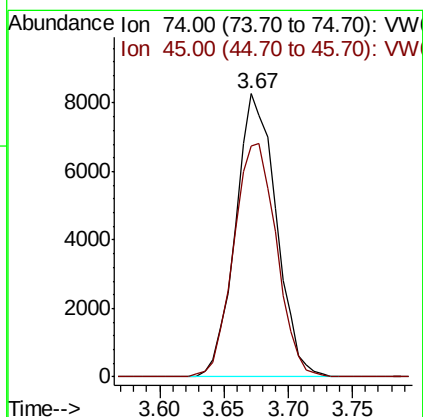
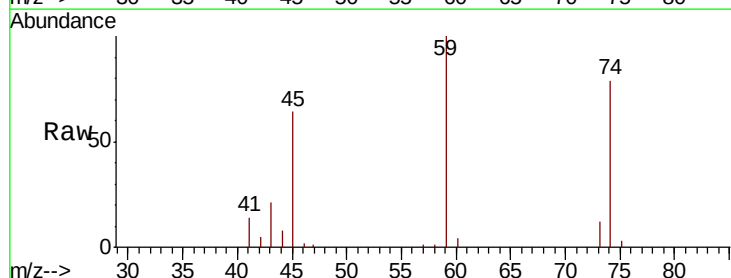
Tot Ion:101 Resp: 21162
 Ion Ratio Lower Upper
 101 100
 103 63.9 53.4 80.2

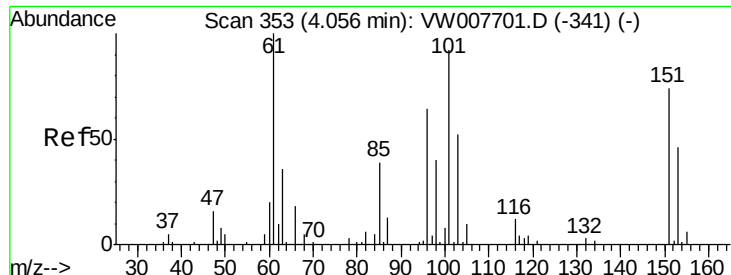


#8

Diethyl Ether
 Concen: 62.896 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

Tgt Ion: 74 Resp: 18100
 Ion Ratio Lower Upper
 74 100
 45 86.7 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.774 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Instrument :

MSVOA_W

ClientSampleId :

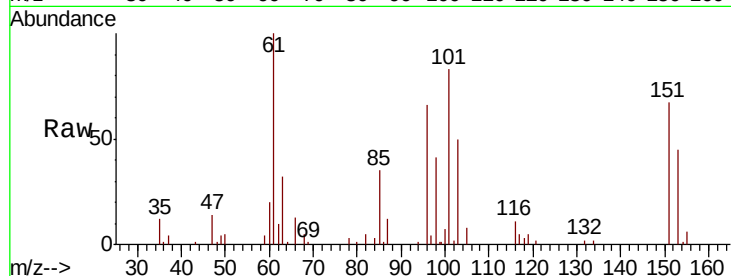
Tot Ion:101 Resp: 33057

Ion Ratio Lower Upper

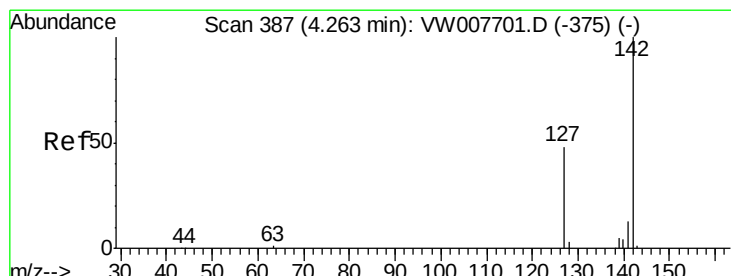
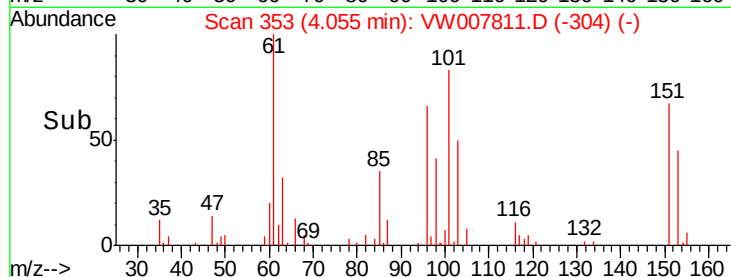
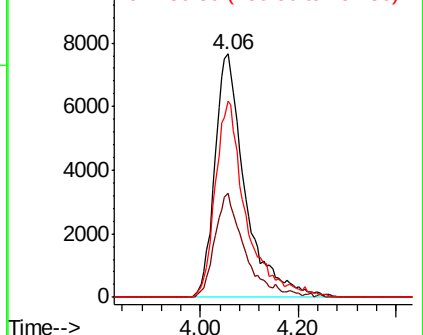
101 100

85 41.1 34.3 51.5

151 78.2 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: 49.958 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

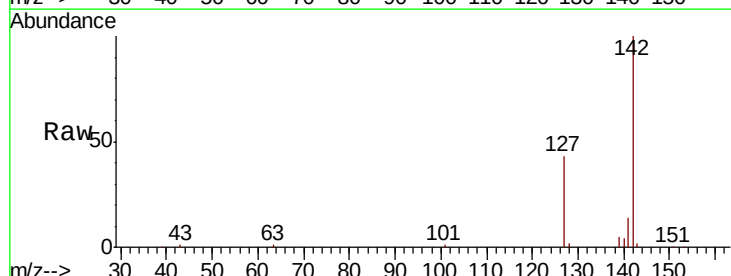
Tgt Ion:142 Resp: 54974

Ion Ratio Lower Upper

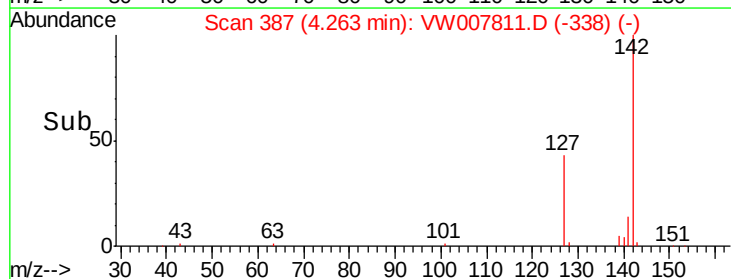
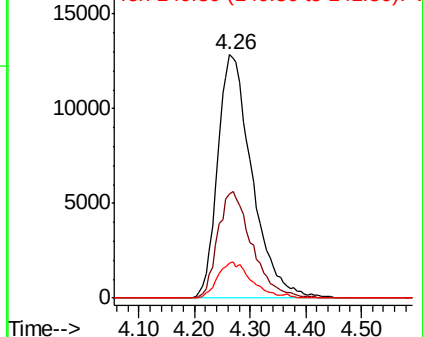
142 100

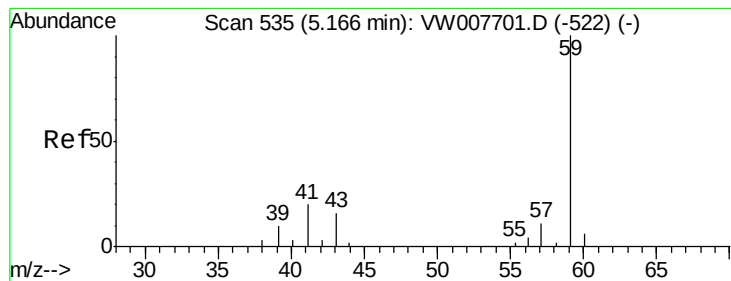
127 43.6 37.7 56.5

141 14.6 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



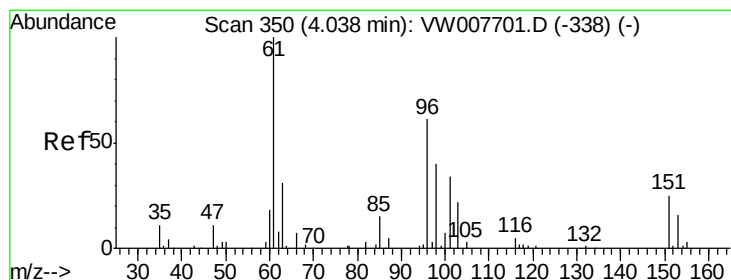
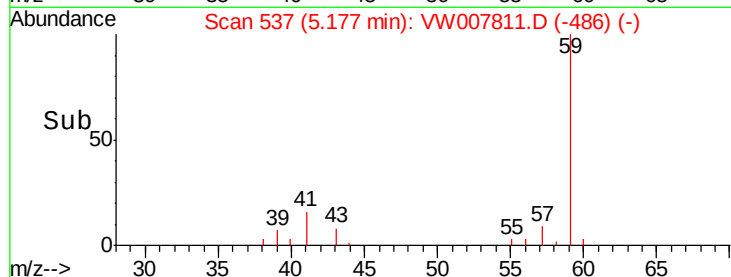
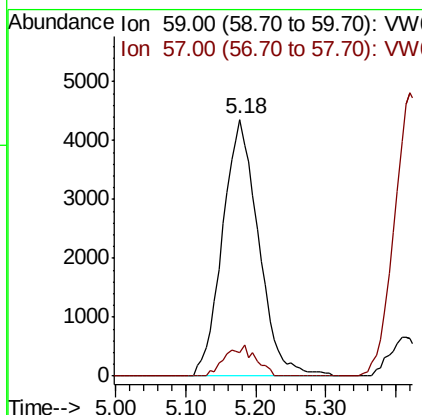
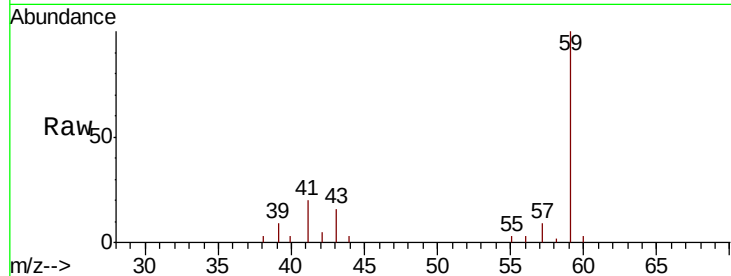


#11

Tert butyl alcohol
 Concen: 325.407 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

Instrument :
 MSVOA_W
 ClientSampled :

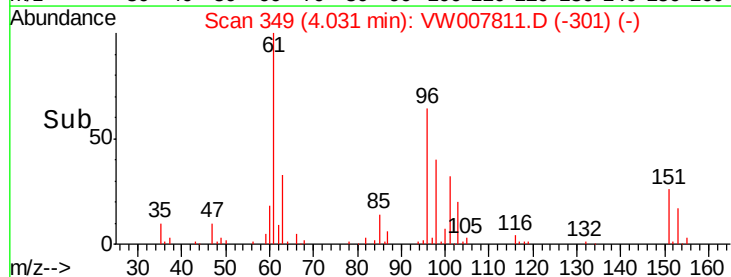
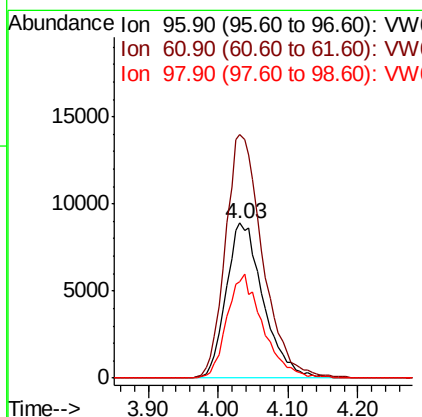
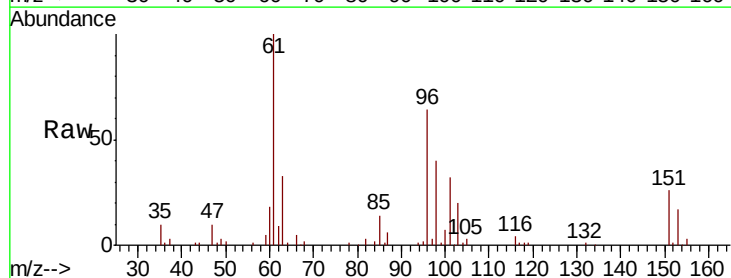
Tot Ion: 59 Resp: 15625
 Ion Ratio Lower Upper
 59 100
 57 5.5 7.8 11.8#

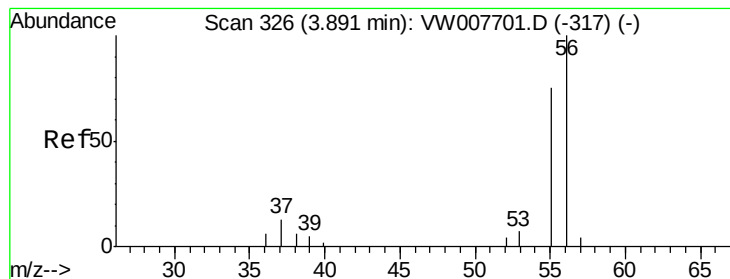


#12

1,1-Dichloroethene
 Concen: 51.394 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

Tgt Ion: 96 Resp: 32930
 Ion Ratio Lower Upper
 96 100
 61 156.9 130.6 195.8
 98 62.5 52.3 78.5





#13

Acrolein

Concen: 209.287 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Instrument :

MSVOA_W

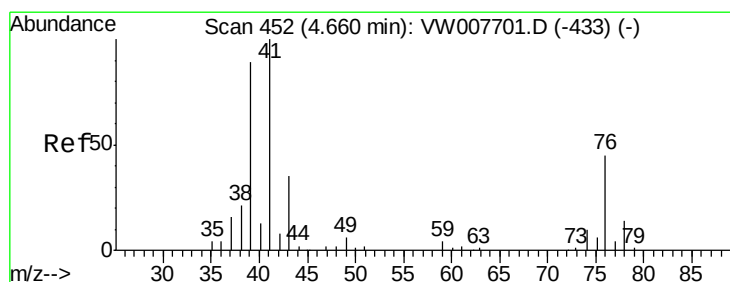
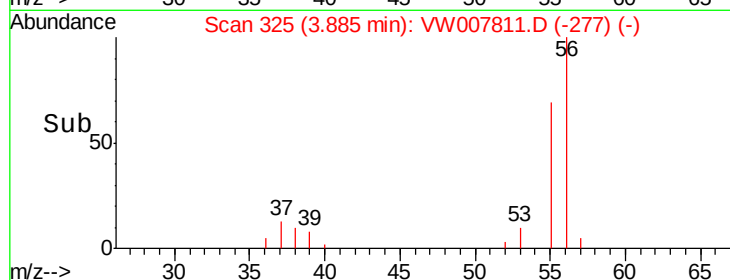
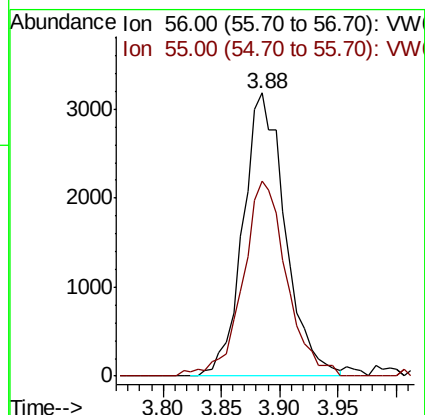
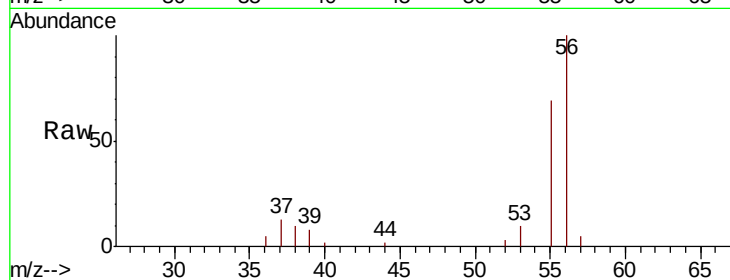
ClientSampleId :

Tot Ion: 56 Resp: 8035

Ion Ratio Lower Upper

56 100

55 71.4 57.7 86.5



#14

Allyl chloride

Concen: 52.237 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

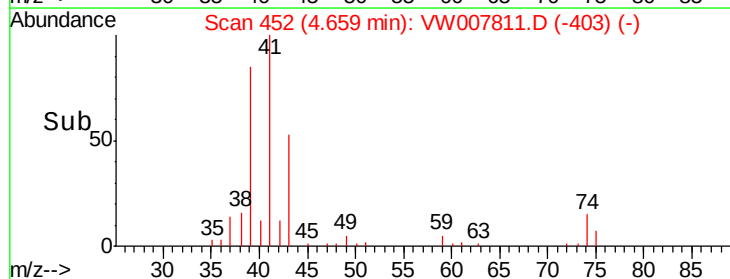
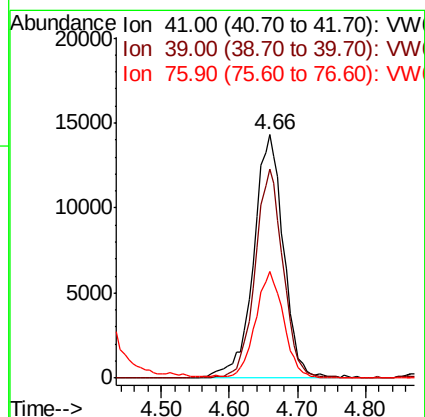
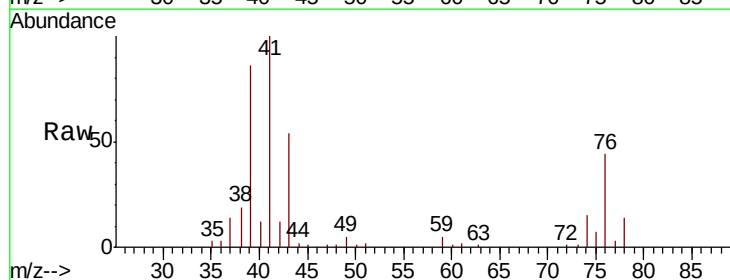
Tgt Ion: 41 Resp: 43892

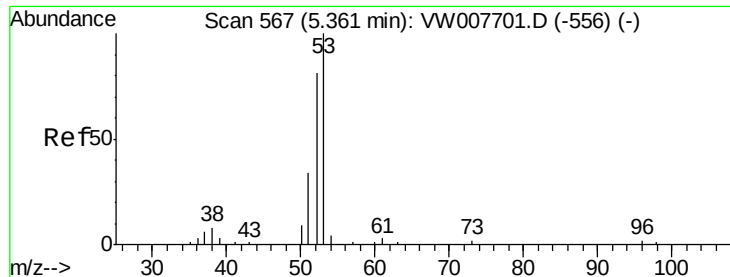
Ion Ratio Lower Upper

41 100

39 80.3 69.5 104.3

76 41.0 34.8 52.2





#15

Acrylonitrile

Concen: 324.009 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Instrument :

MSVOA_W

ClientSampleId :

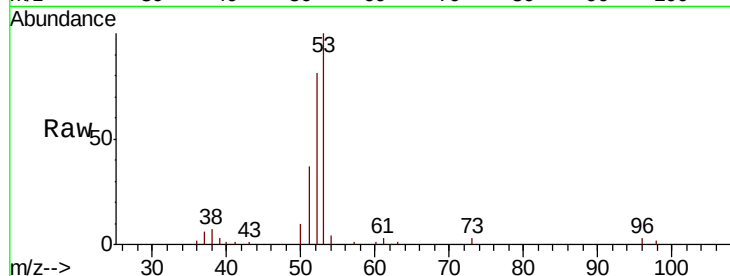
Tot Ion: 53 Resp: 39774

Ion Ratio Lower Upper

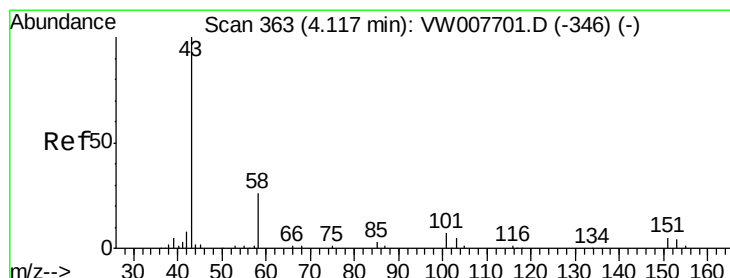
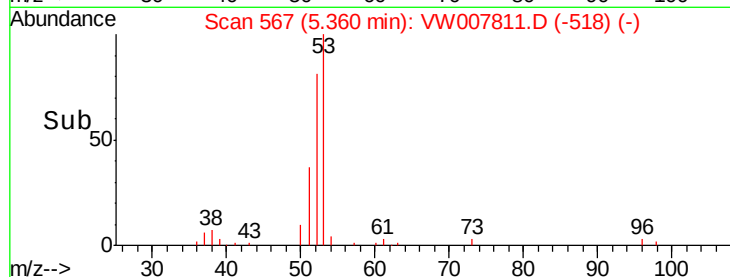
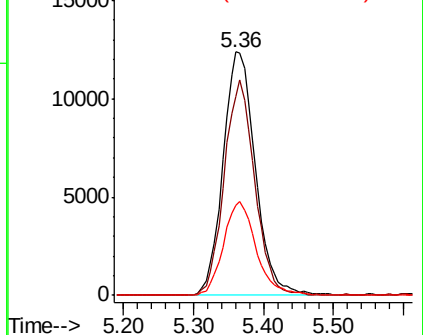
53 100

52 83.0 67.0 100.4

51 38.7 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 315.150 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007811.D

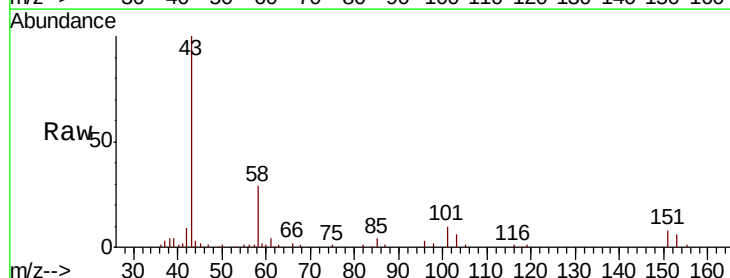
Acq: 21 Dec 2018 22:26

Tgt Ion: 43 Resp: 42007

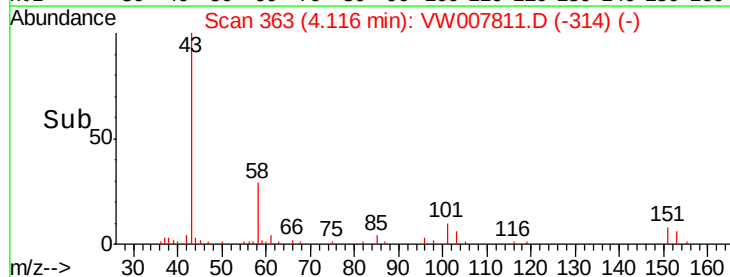
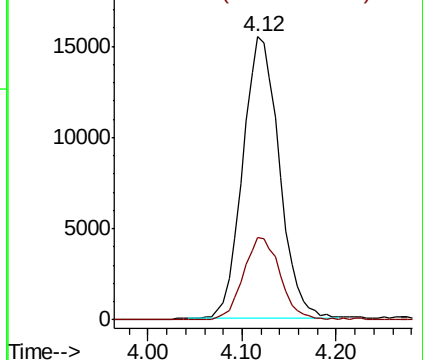
Ion Ratio Lower Upper

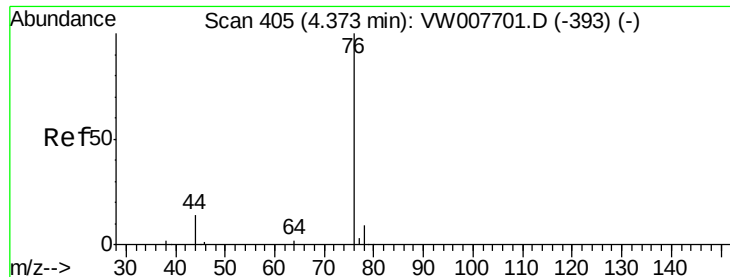
43 100

58 29.2 21.2 31.8



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

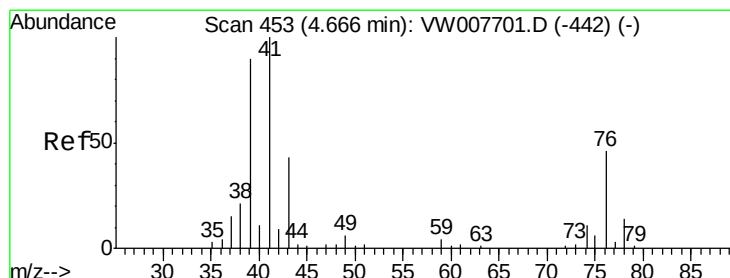
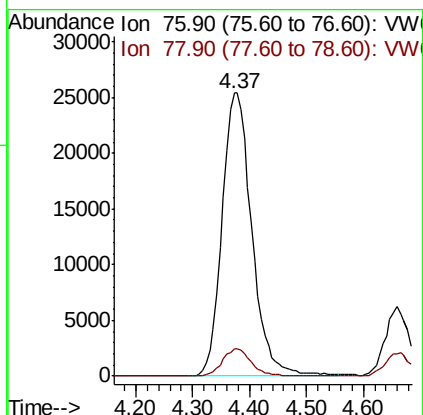
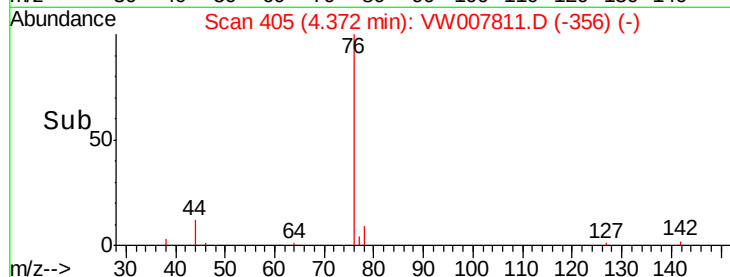
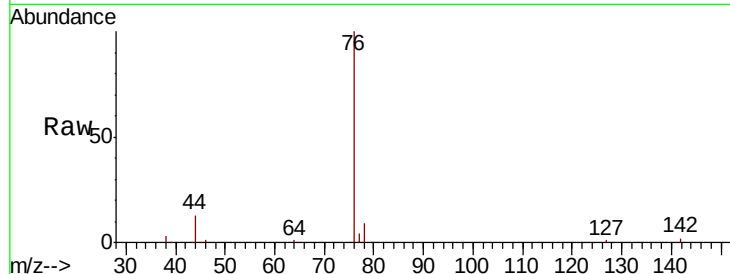




#17
Carbon Disulfide
Concen: 46.668 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

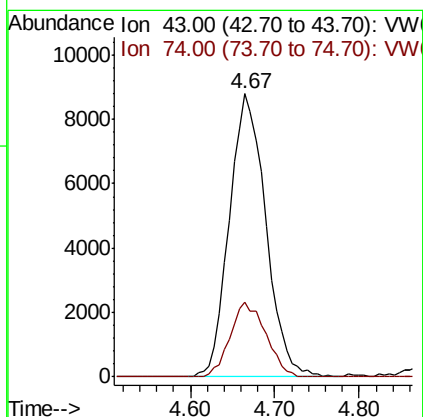
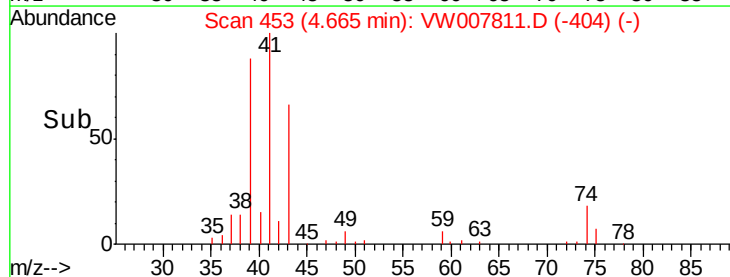
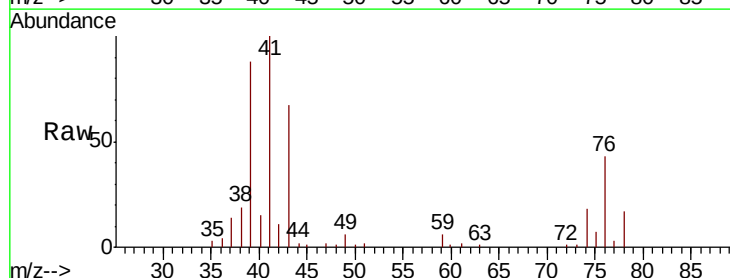
Instrument :
MSVOA_W
ClientSampled :

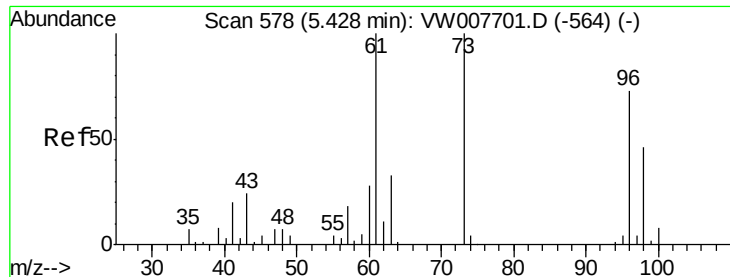
Tot Ion: 76 Resp: 92534
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 81.240 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion: 43 Resp: 25753
Ion Ratio Lower Upper
43 100
74 25.9 22.7 34.1

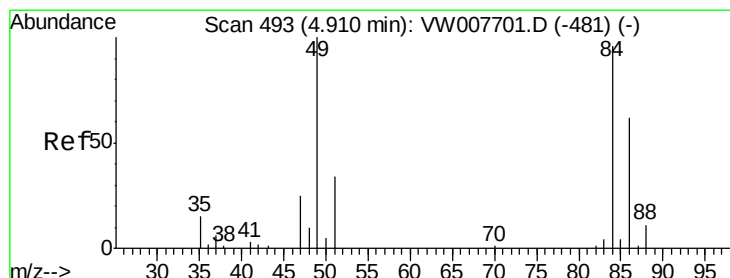
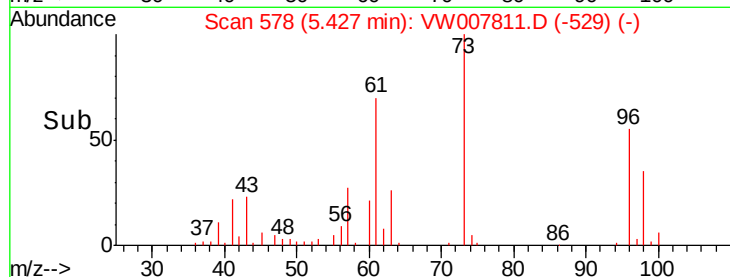
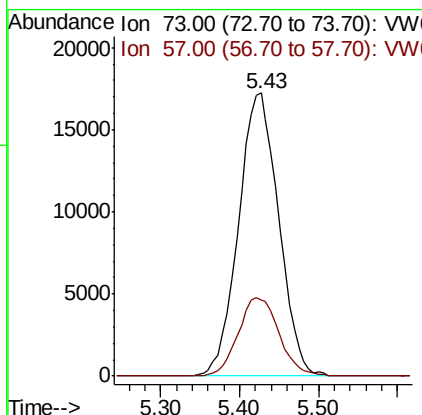
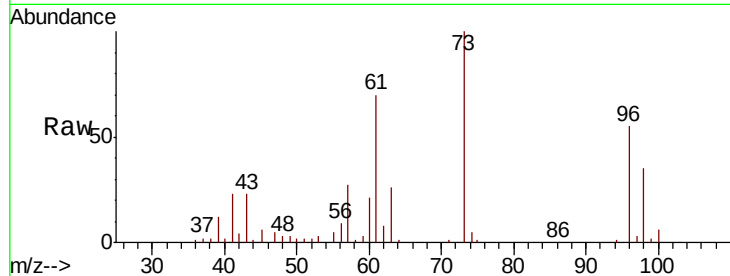




#19
Methyl tert-butyl Ether
Concen: 66.223 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

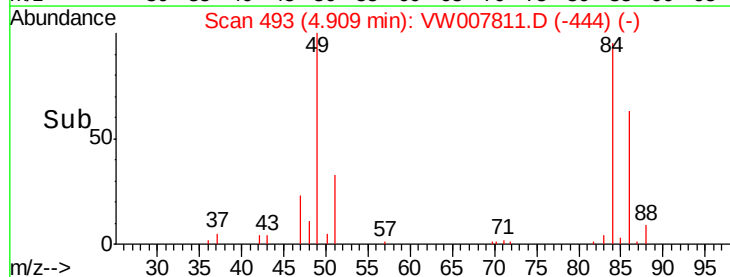
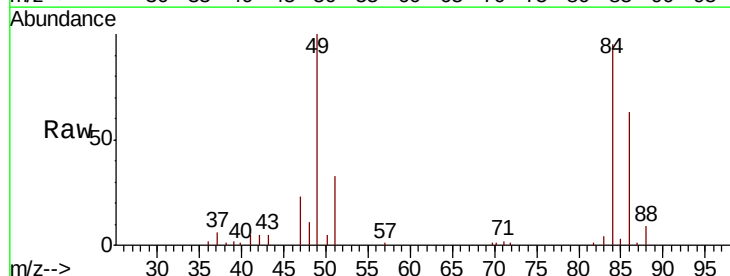
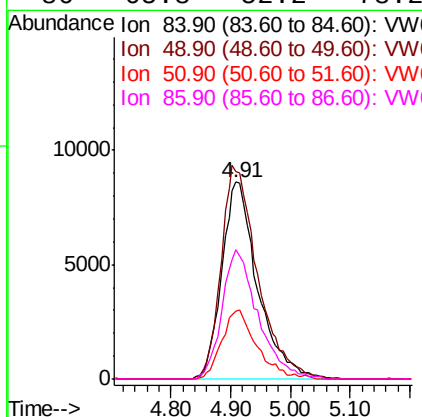
Instrument :
MSVOA_W
ClientSampled :

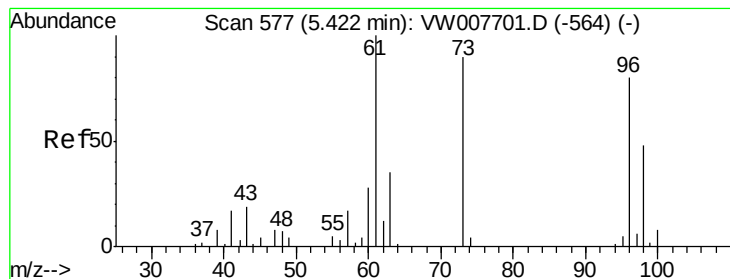
Tot Ion: 73 Resp: 60916
Ion Ratio Lower Upper
73 100
57 27.0 14.7 22.1#



#20
Methylene Chloride
Concen: 54.452 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion: 84 Resp: 35923
Ion Ratio Lower Upper
84 100
49 105.2 83.7 125.5
51 34.4 28.2 42.2
86 65.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 51.445 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Instrument :

MSVOA_W

ClientSampleId :

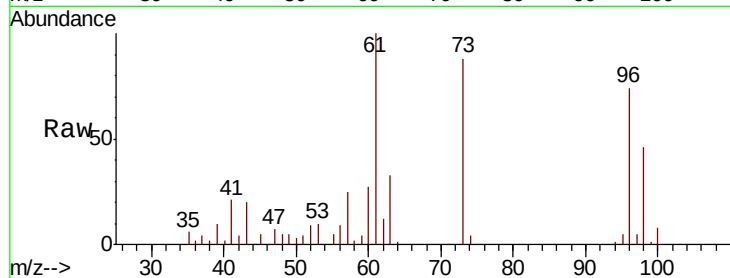
Tot Ion: 96 Resp: 36253

Ion Ratio Lower Upper

96 100

61 135.3 100.1 150.1

98 62.3 48.5 72.7

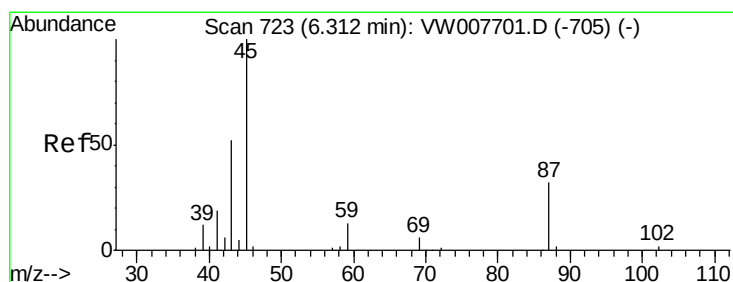
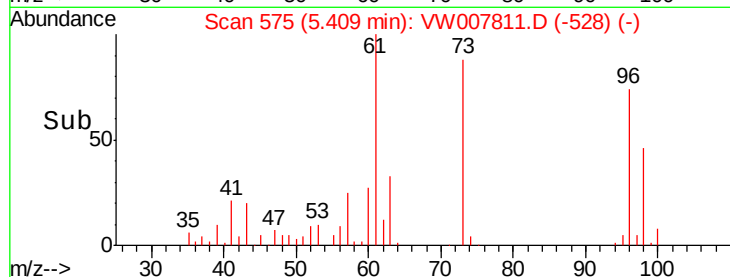
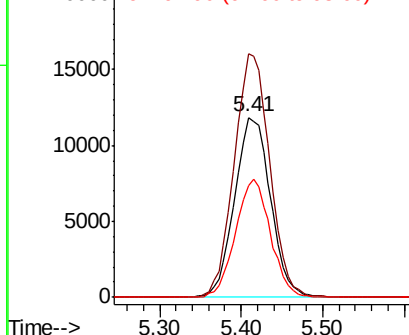


Abundance

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



#22

Diisopropyl ether

Concen: 57.568 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Tgt Ion: 45 Resp: 90574

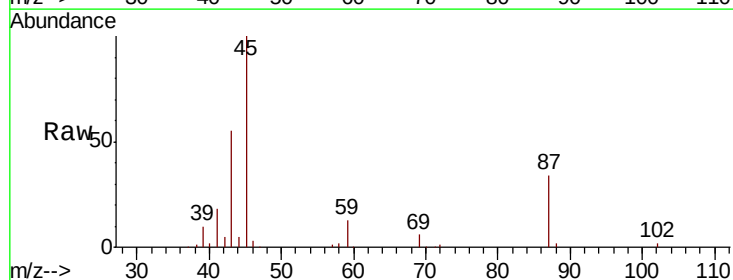
Ion Ratio Lower Upper

45 100

43 54.2 43.7 65.5

87 34.4 26.6 40.0

59 12.7 10.2 15.2



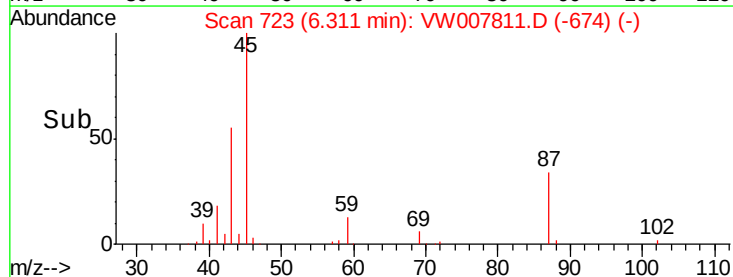
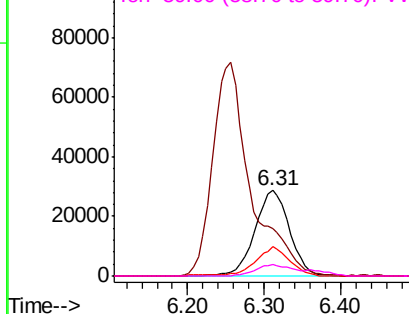
Abundance

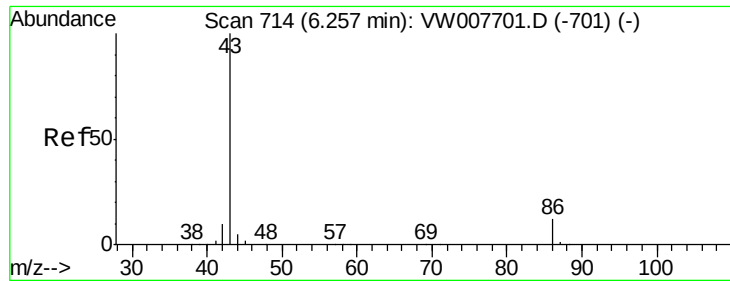
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 264.699 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

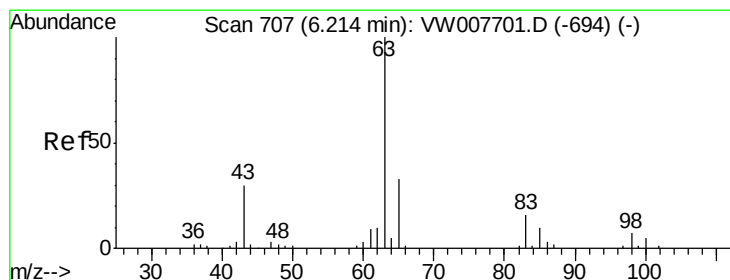
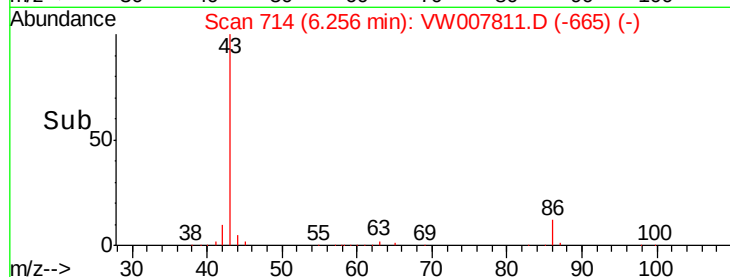
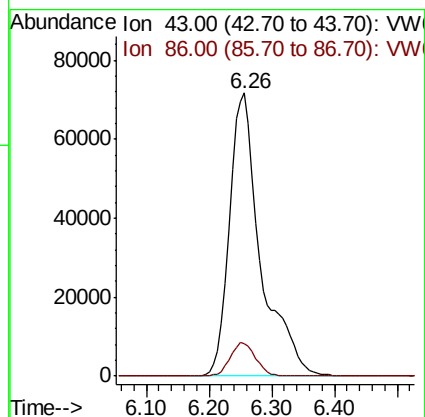
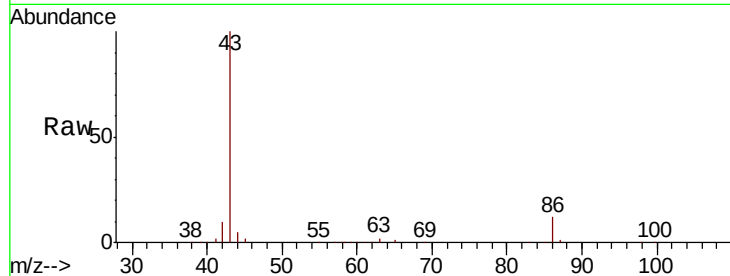
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 247430

Ion Ratio Lower Upper

43 100

86 11.6 9.6 14.4



#24

1,1-Dichloroethane

Concen: 54.007 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

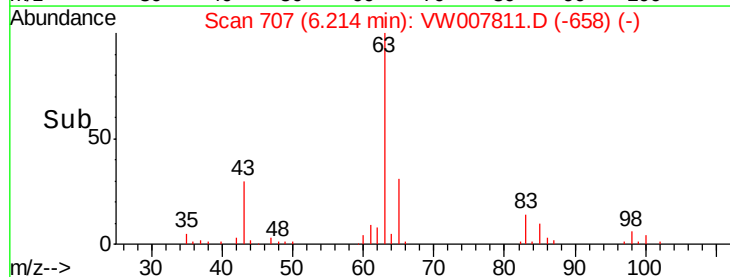
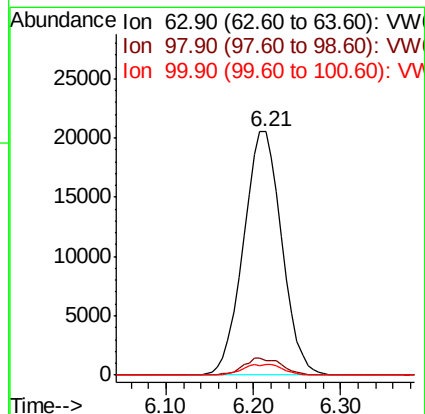
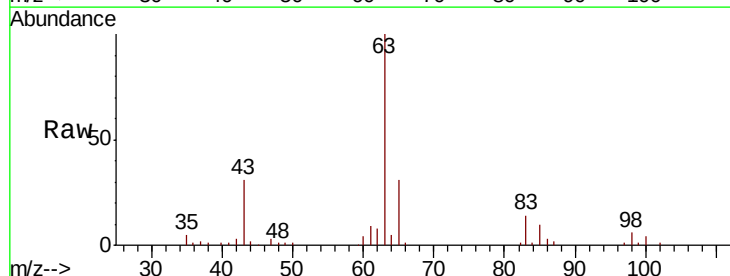
Tgt Ion: 63 Resp: 62509

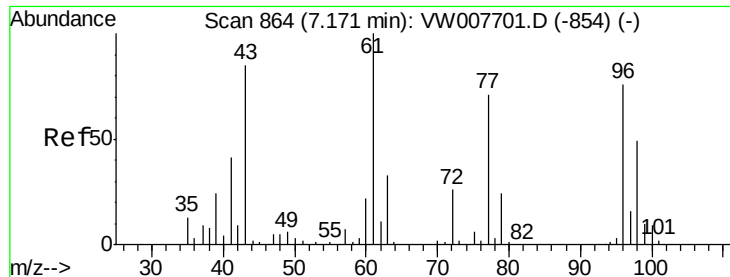
Ion Ratio Lower Upper

63 100

98 6.1 3.6 10.9

100 4.4 2.5 7.5





#25

2-Butanone

Concen: 338.961 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

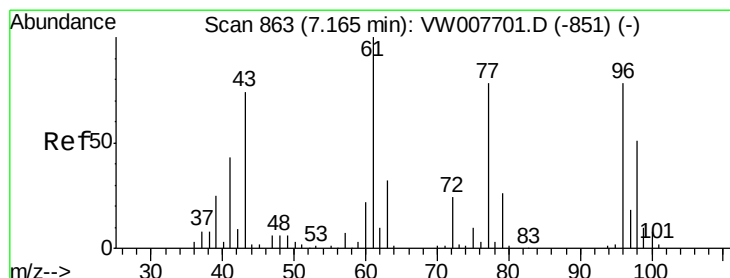
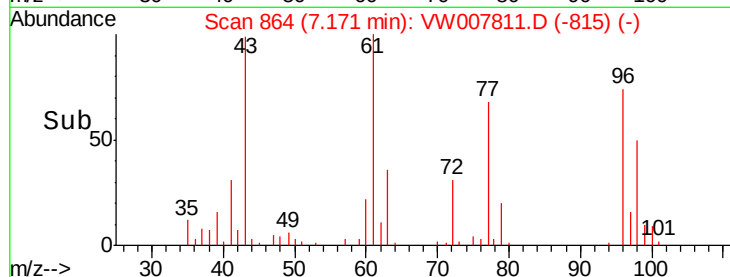
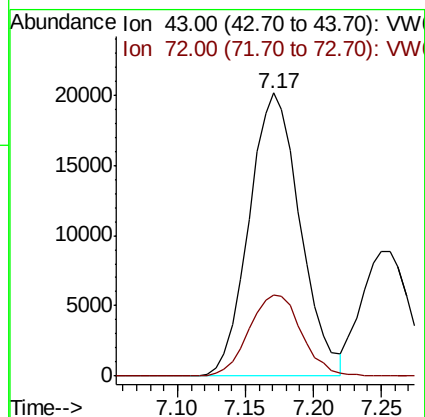
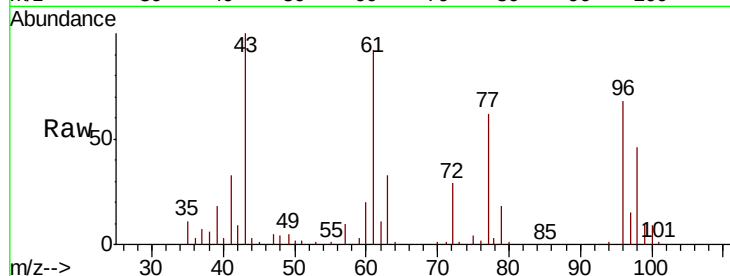
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 52920

Ion Ratio Lower Upper

43 100

72 28.9 24.5 36.7



#26

2,2-Dichloropropane

Concen: 45.426 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007811.D

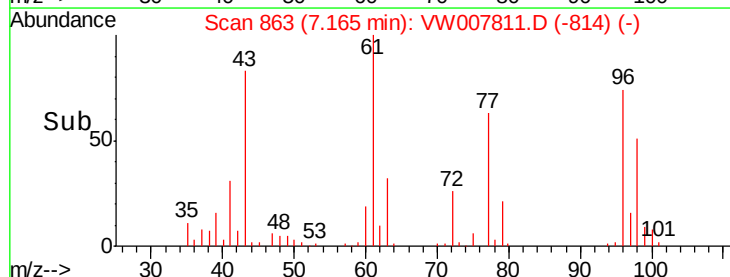
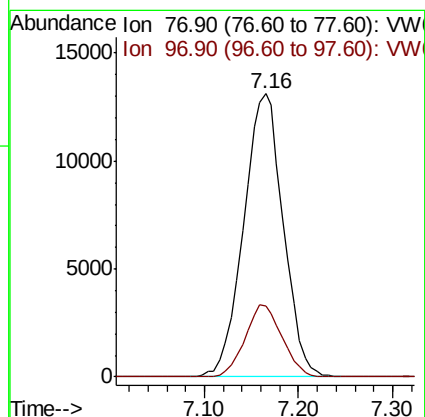
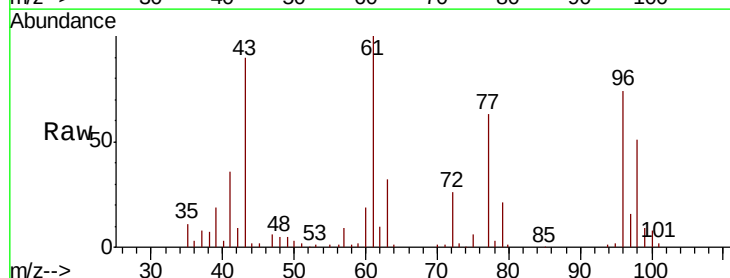
Acq: 21 Dec 2018 22:26

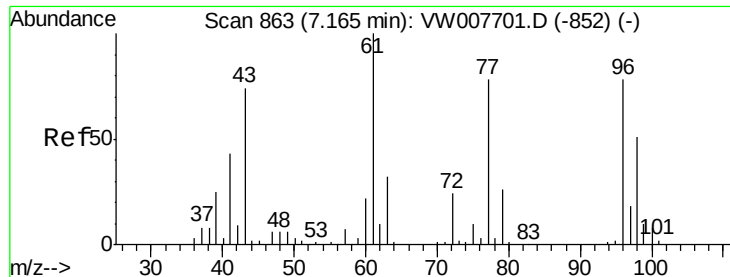
Tgt Ion: 77 Resp: 38474

Ion Ratio Lower Upper

77 100

97 23.9 11.3 33.9



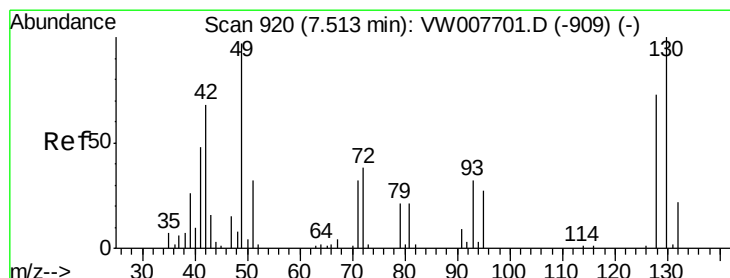
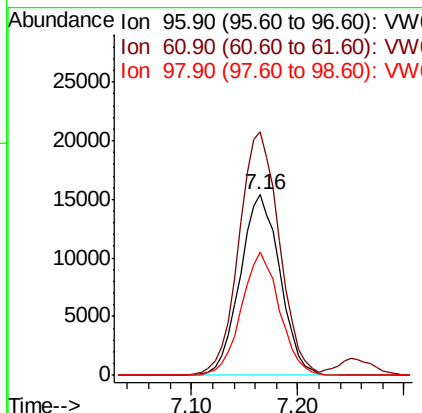
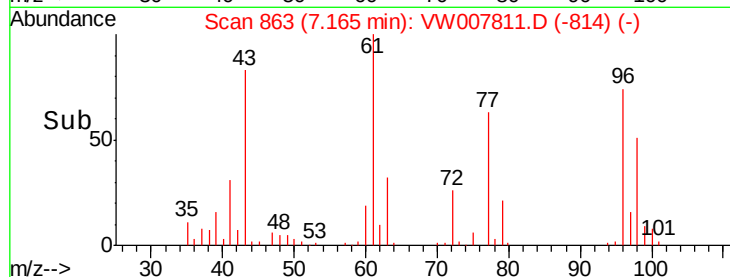
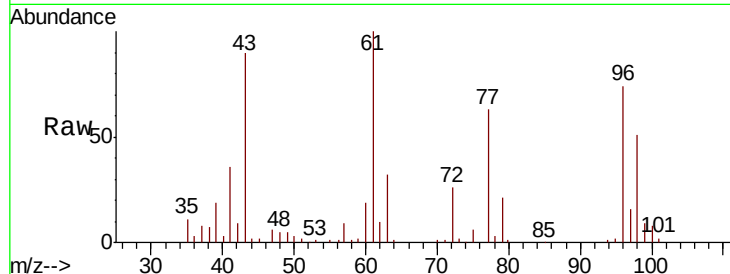


#27

cis-1,2-Dichloroethene
Concen: 53.917 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Instrument :
MSVOA_W
ClientSampled :

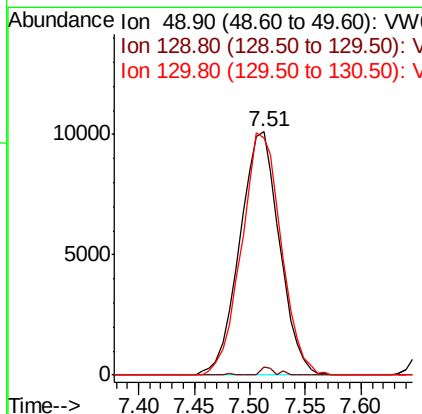
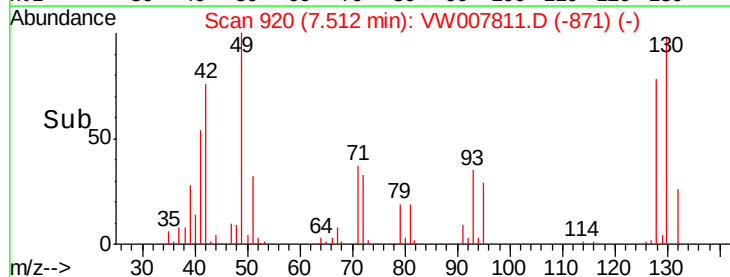
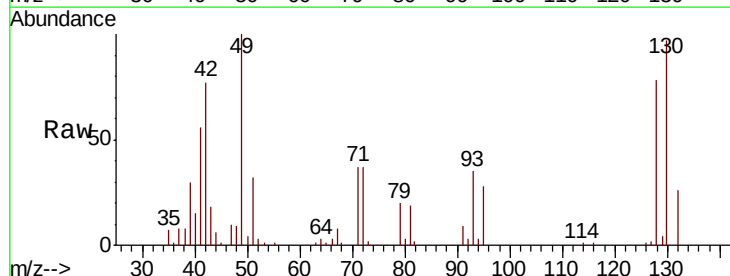
Tot Ion	96	Resp	40480
Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	271.6
98	65.1	0.0	131.2

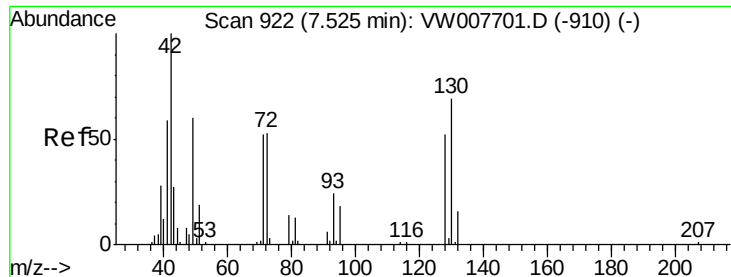


#28

Bromochloromethane
Concen: 63.715 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion	49	Resp	25144
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.2
130	99.0	81.5	122.3

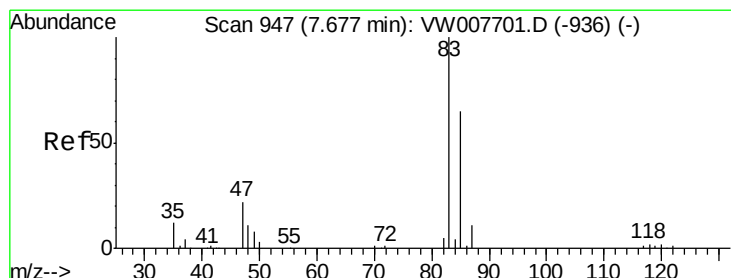
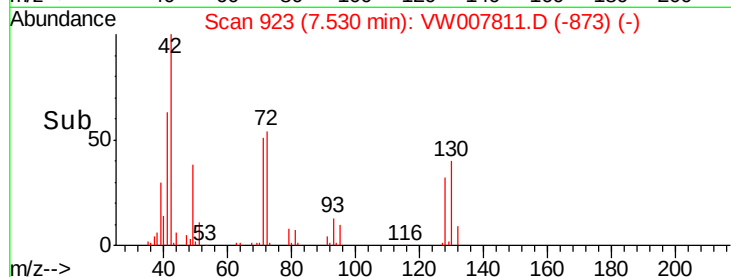
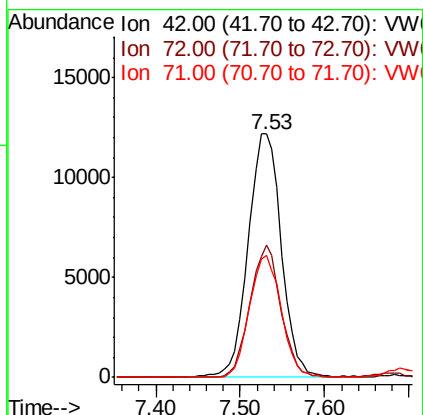
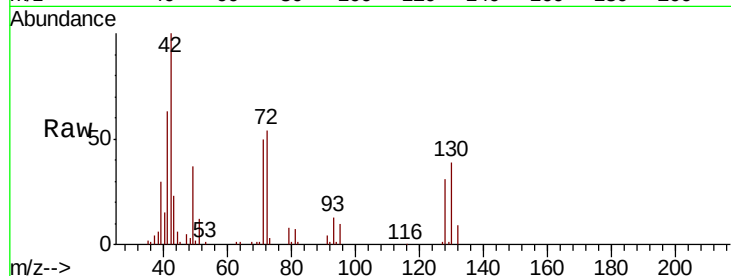




#29
Tetrahydrofuran
Concen: 350.774 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

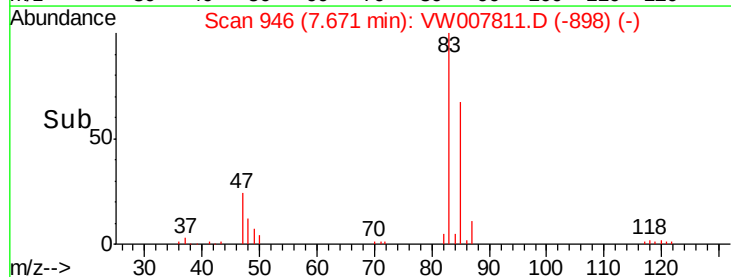
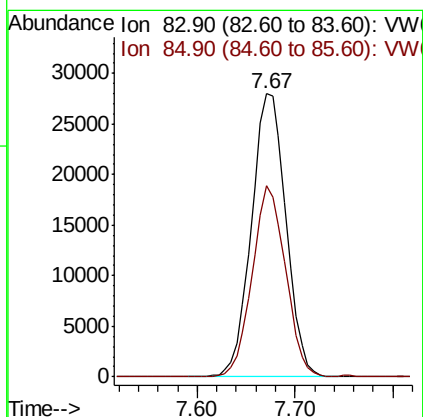
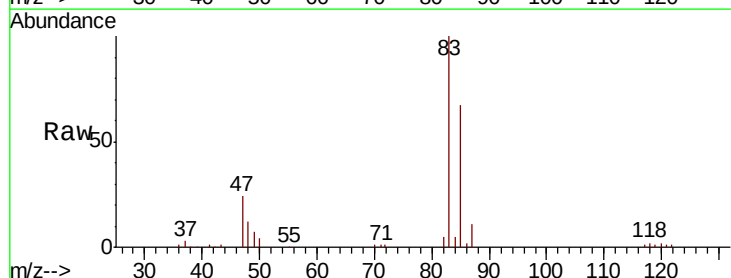
Instrument :
MSVOA_W
ClientSampleId :

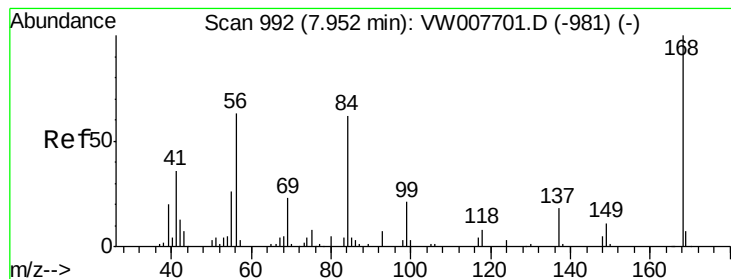
Tot Ion: 42 Resp: 32666
Ion Ratio Lower Upper
42 100
72 50.5 41.7 62.5
71 48.0 39.0 58.6



#30
Chloroform
Concen: 52.356 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion: 83 Resp: 68579
Ion Ratio Lower Upper
83 100
85 67.5 52.2 78.2





#31

Cyclohexane

Concen: 51.640 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Instrument :

MSVOA_W

ClientSampled :

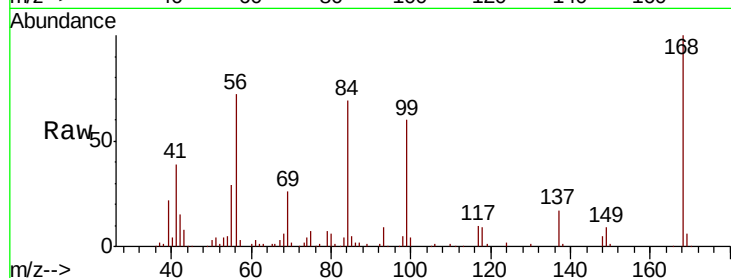
Tot Ion: 56 Resp: 54718

Ion Ratio Lower Upper

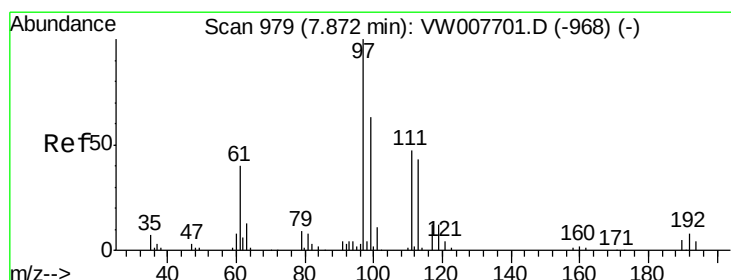
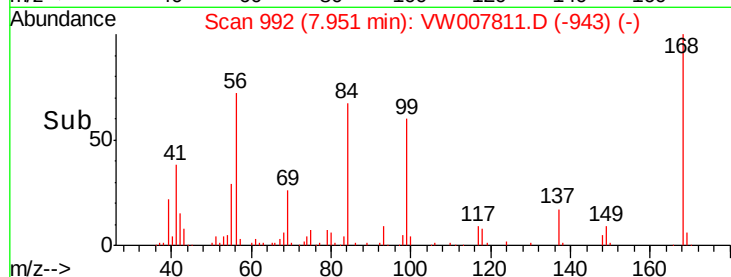
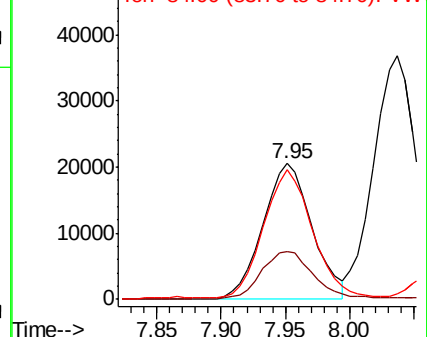
56 100

69 35.7 29.7 44.5

84 93.8 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: 48.574 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

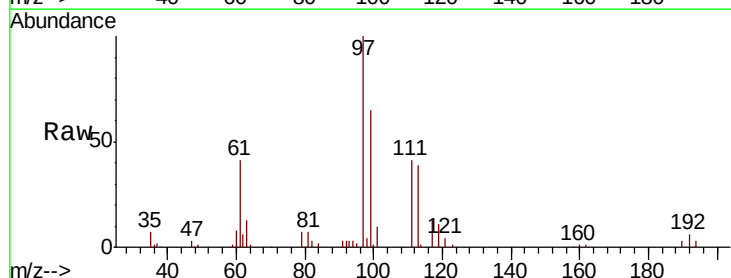
Tgt Ion: 97 Resp: 57947

Ion Ratio Lower Upper

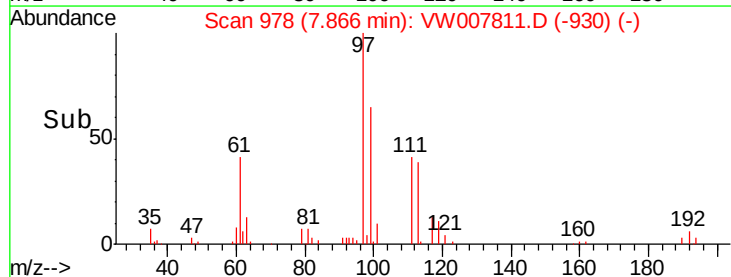
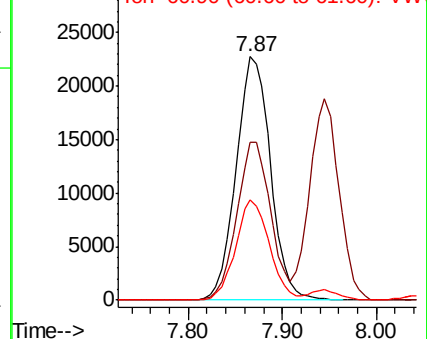
97 100

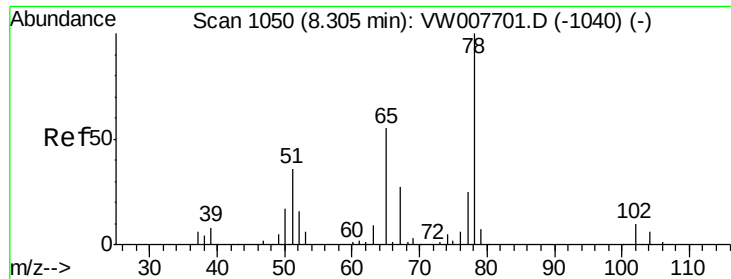
99 64.2 50.6 76.0

61 40.3 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

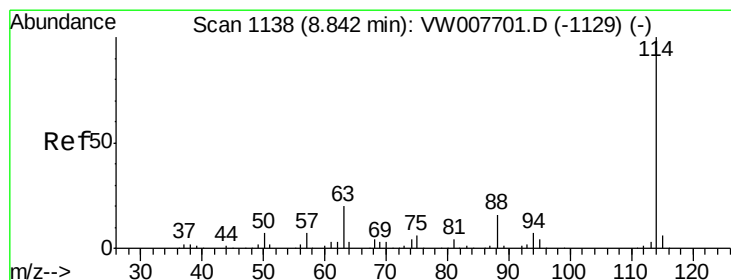
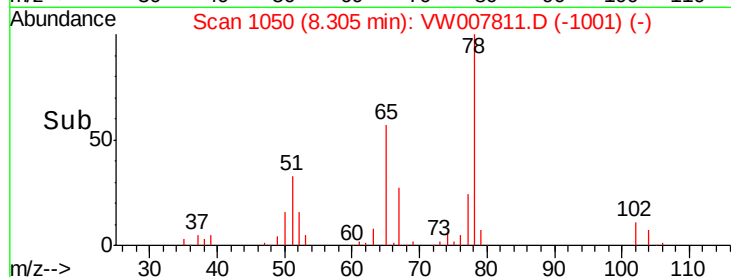
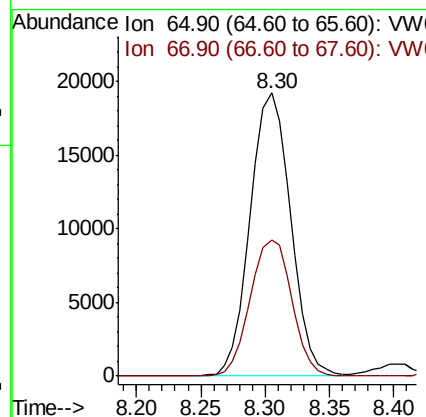
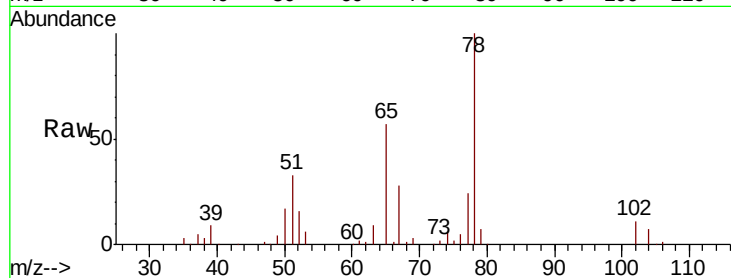




#33
 1,2-Dichloroethane-d4
 Concen: 59.009 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

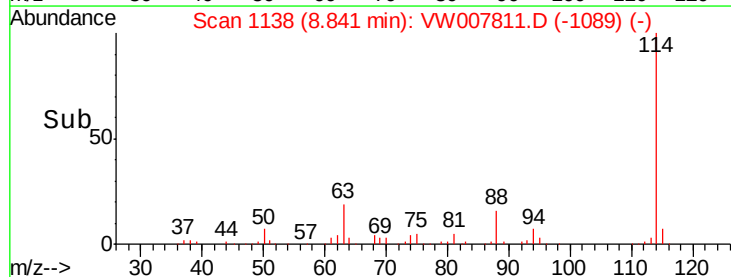
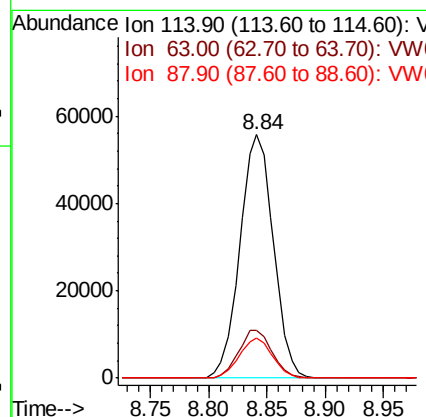
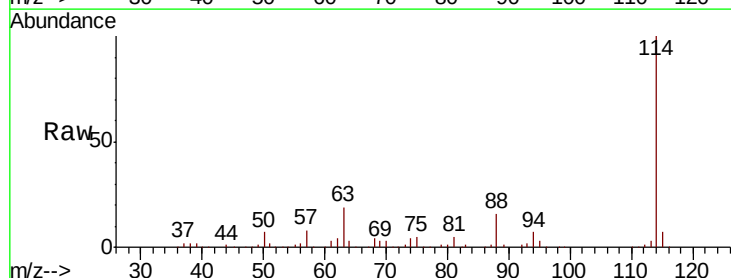
Instrument :
 MSVOA_W
 ClientSampled :

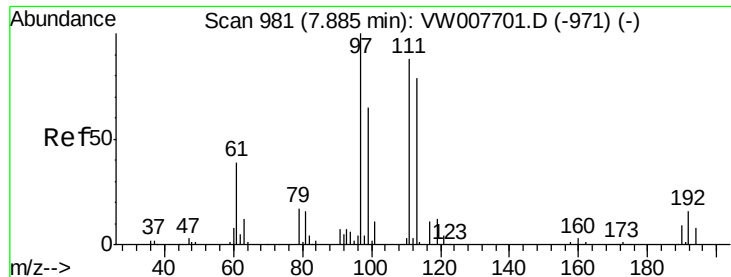
Tot Ion: 65 Resp: 42003
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

Tgt Ion: 114 Resp: 111439
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 16.3 0.0 32.6

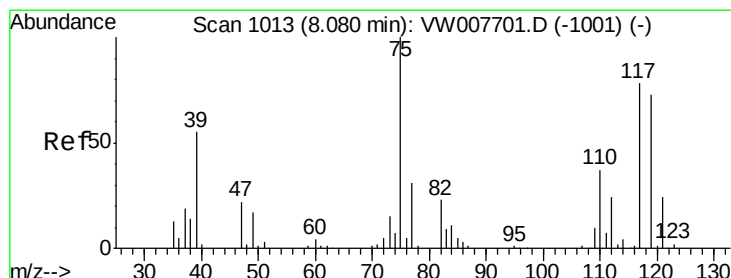
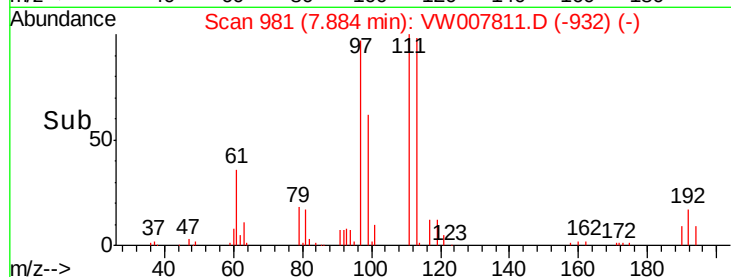
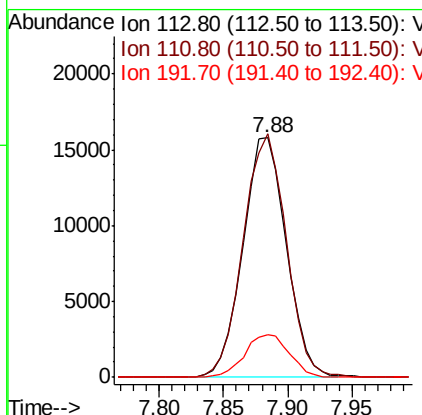
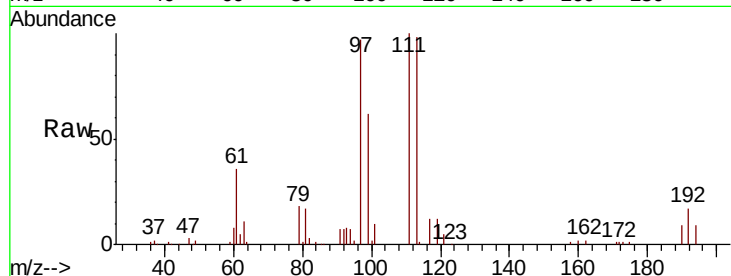




#35
 Dibromofluoromethane
 Concen: 54.253 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

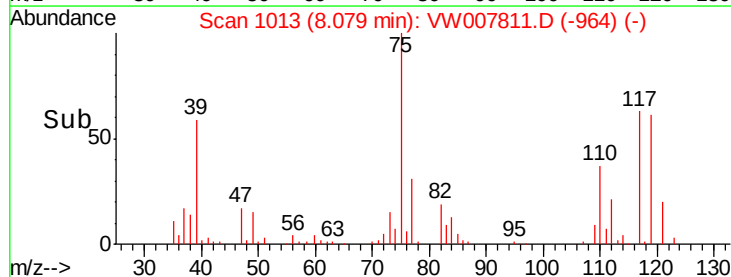
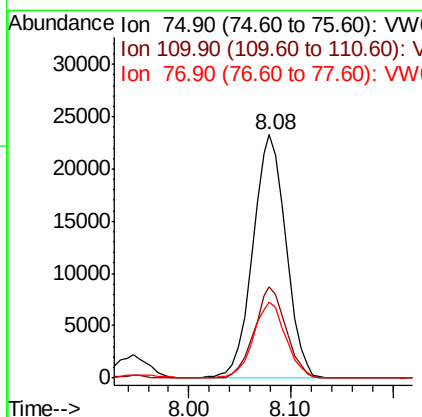
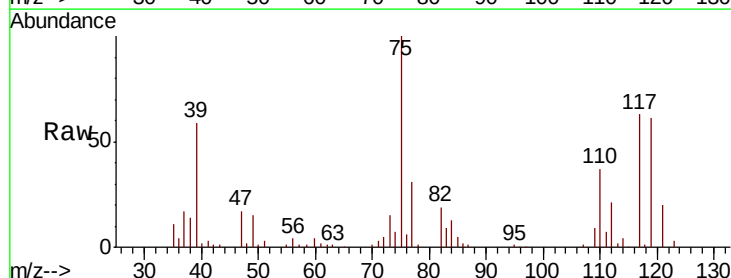
Instrument :
 MSVOA_W
 ClientSampleId :

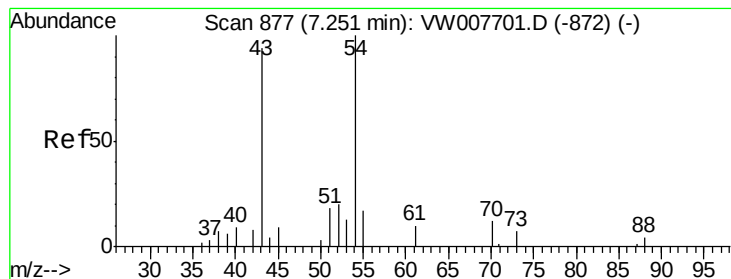
Tot Ion:113 Resp: 36883
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.6 124.0
 192 18.3 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 48.807 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

Tgt Ion: 75 Resp: 52496
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.6 55.8
 77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 61.274 ug/l

RT: 7.26 min Scan# 878

Delta R.T. 0.01 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Instrument :

MSVOA_W

ClientSampled :

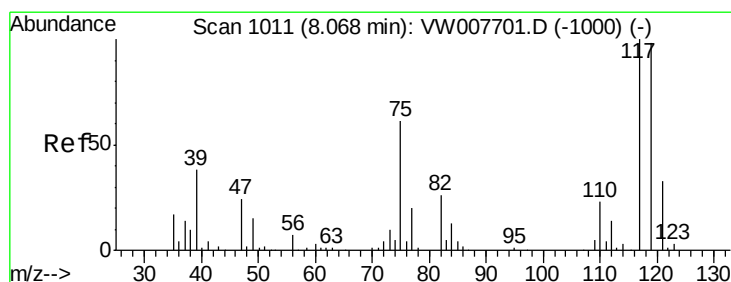
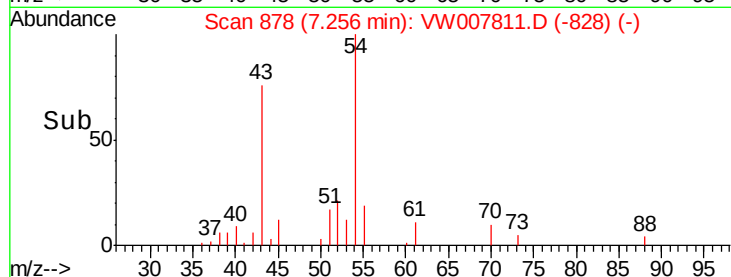
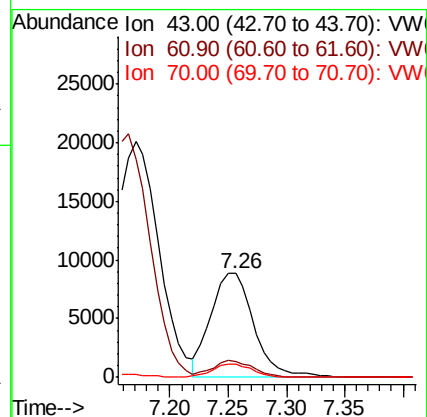
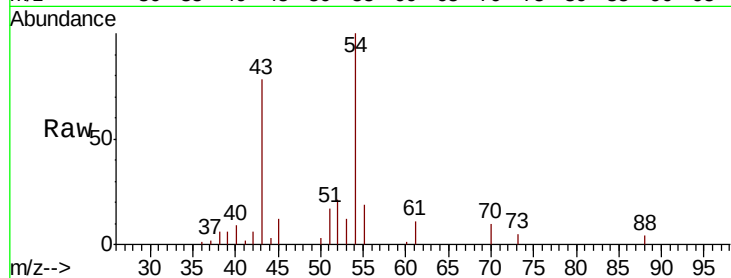
Tot Ion: 43 Resp: 22745

Ion Ratio Lower Upper

43 100

61 15.2 11.2 16.8

70 11.8 9.3 13.9



#38

Carbon Tetrachloride

Concen: 42.086 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

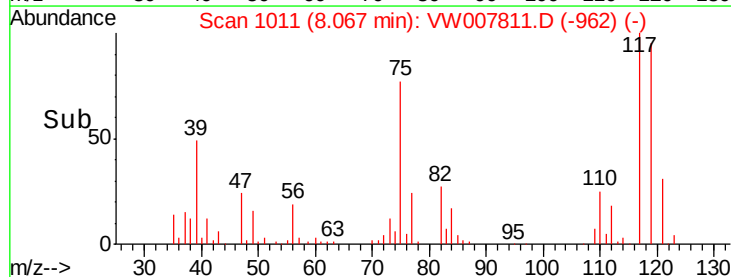
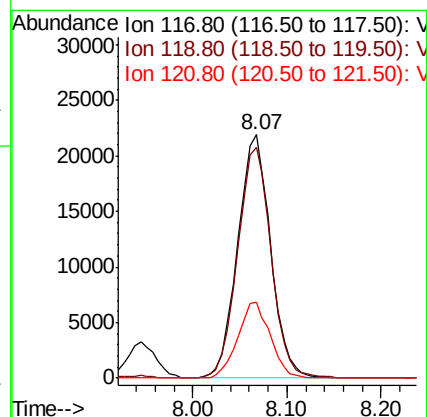
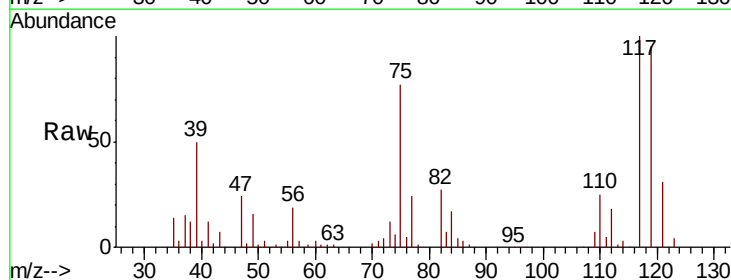
Tgt Ion: 117 Resp: 53311

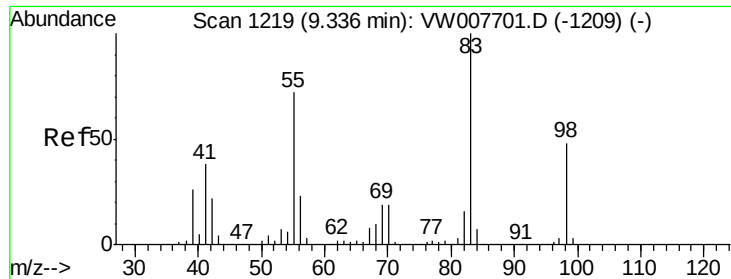
Ion Ratio Lower Upper

117 100

119 94.6 78.2 117.2

121 31.5 26.1 39.1

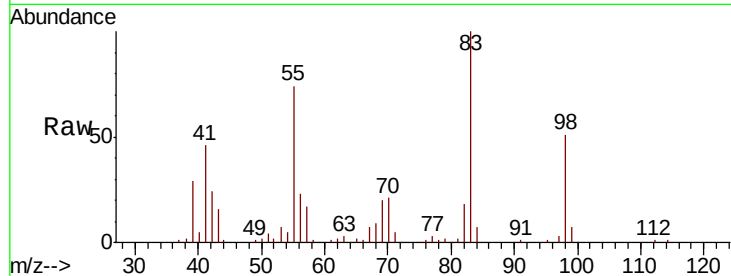




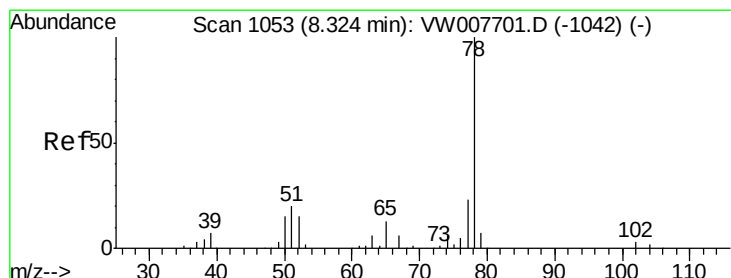
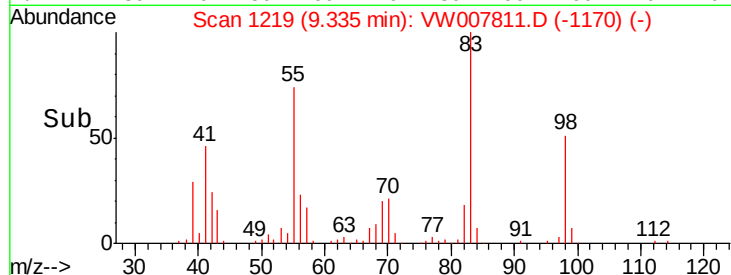
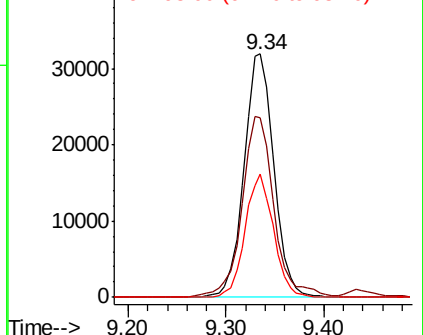
#39
Methylvlcyclohexane
Concen: 50.368 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 67318
Ion Ratio Lower Upper
83 100
55 73.6 57.2 85.8
98 50.7 38.6 58.0

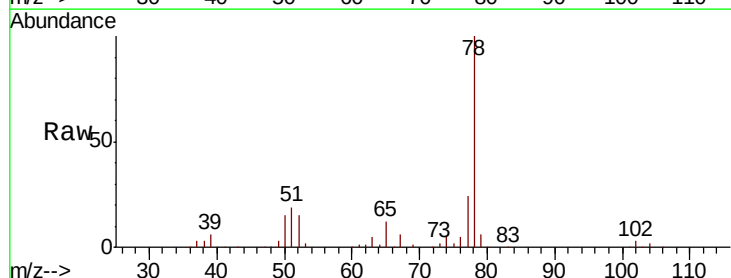


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

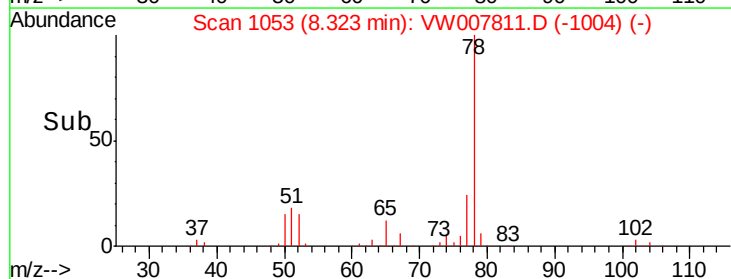
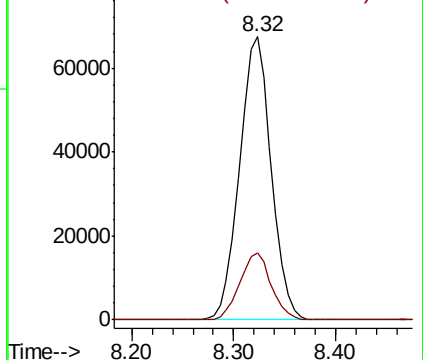


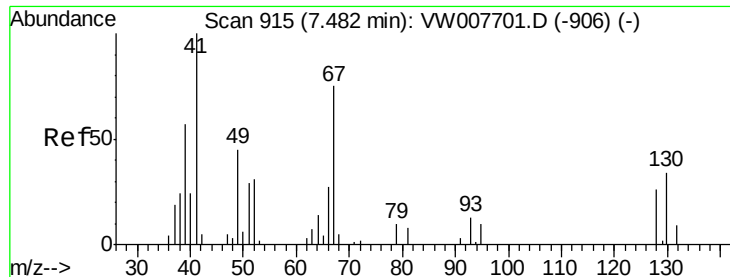
#40
Benzene
Concen: 50.443 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion: 78 Resp: 144780
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1



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

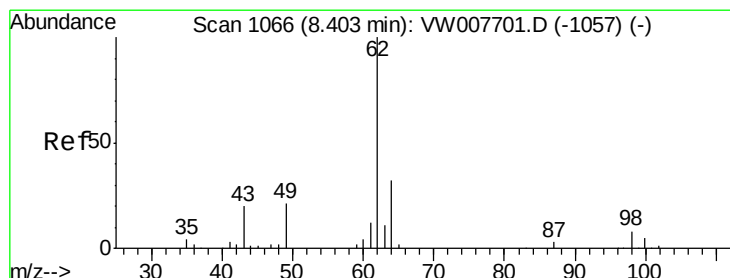
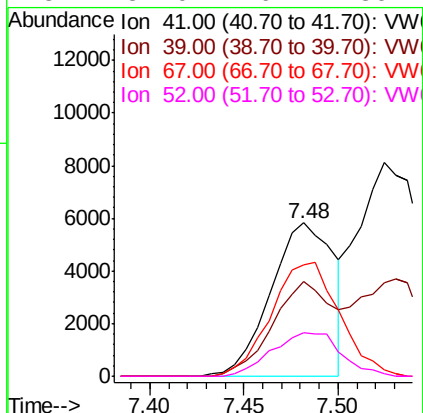
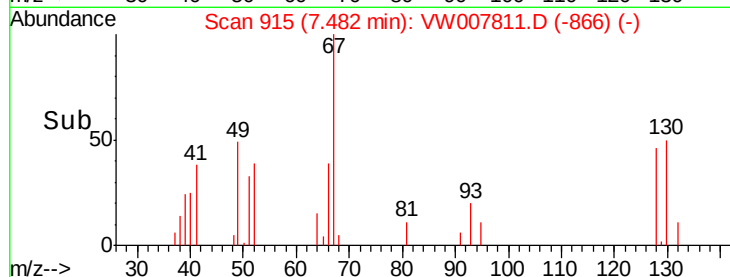
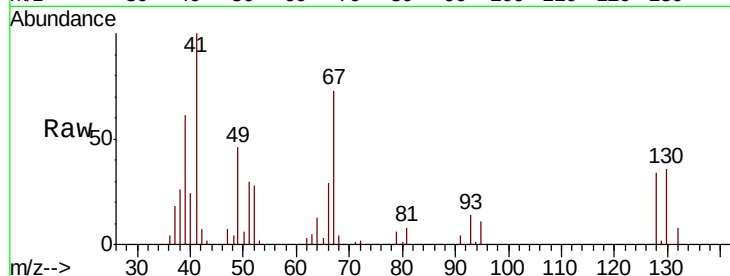




#41
Methacrylonitrile
Concen: 64.128 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

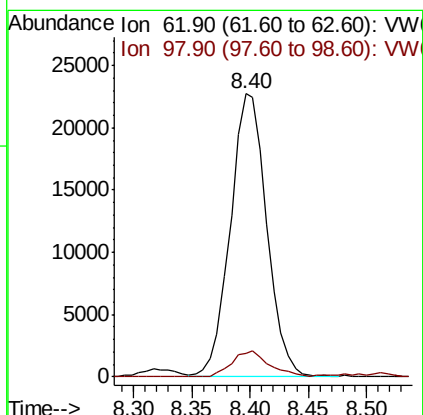
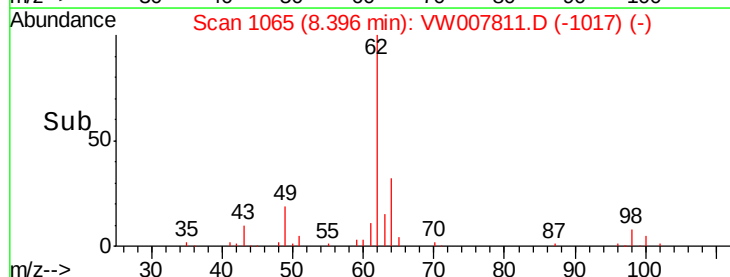
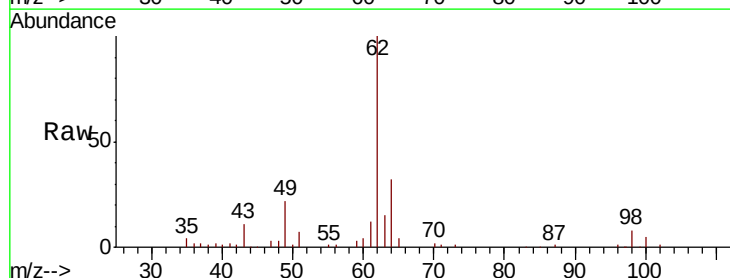
Instrument :
MSVOA_W
ClientSampleId :

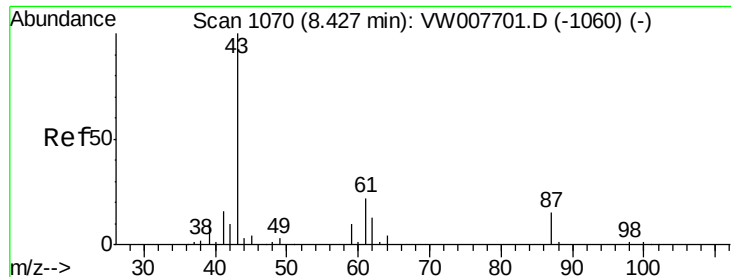
Tot Ion:	41	Resp:	13515
Ion	Ratio	Lower	Upper
41	100		
39	58.4	54.2	81.4
67	80.1	65.7	98.5
52	31.0	26.2	39.4



#42
1,2-Dichloroethane
Concen: 51.072 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion:	62	Resp:	49124
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 68.275 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Instrument :

MSVOA_W

ClientSampleId :

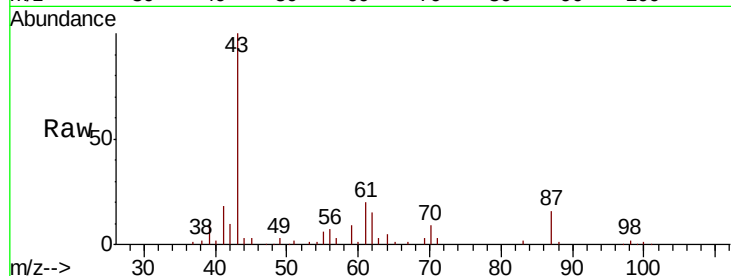
Tot Ion: 43 Resp: 50775

Ion Ratio Lower Upper

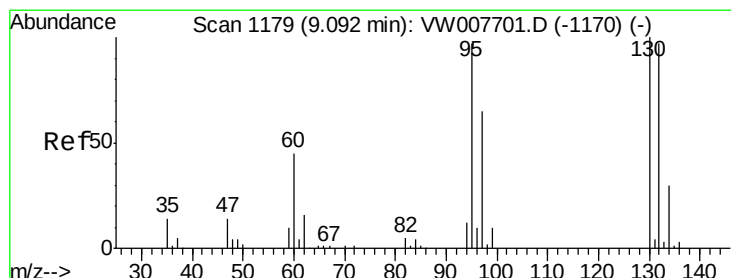
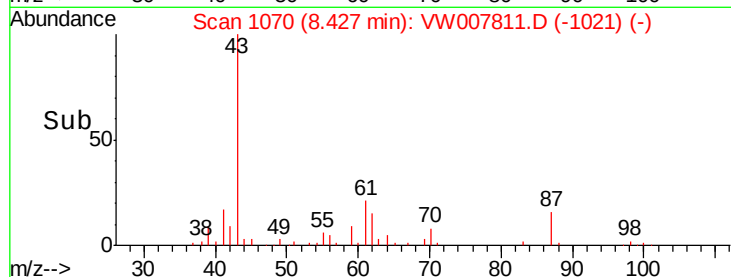
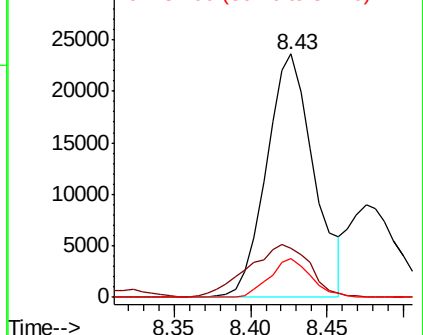
43 100

61 28.4 26.3 39.5

87 13.9 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 48.144 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007811.D

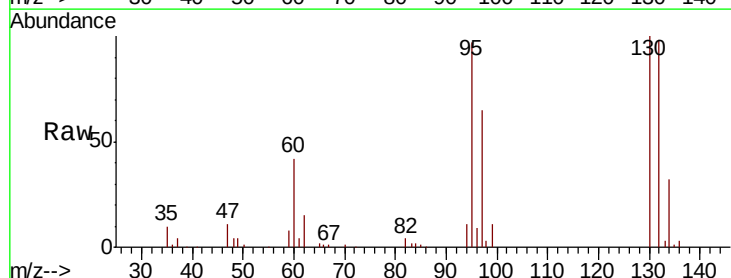
Acq: 21 Dec 2018 22:26

Tgt Ion:130 Resp: 41788

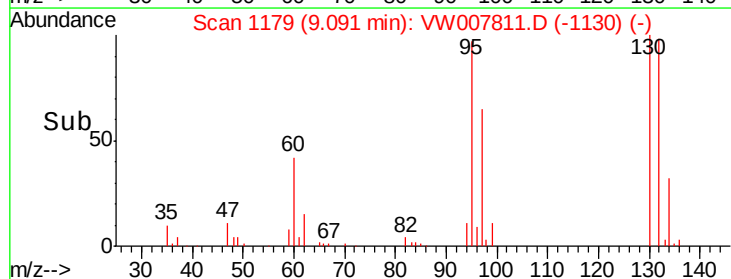
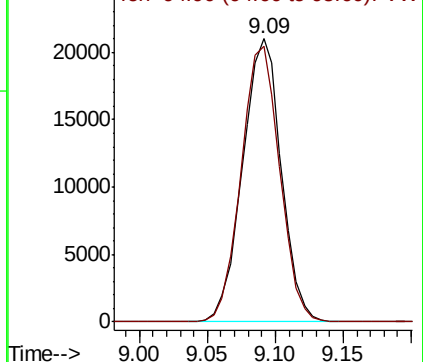
Ion Ratio Lower Upper

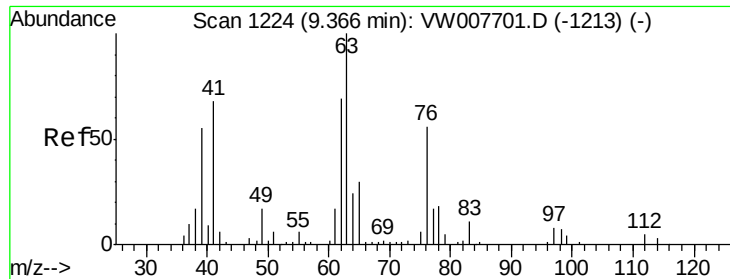
130 100

95 97.4 0.0 194.8



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

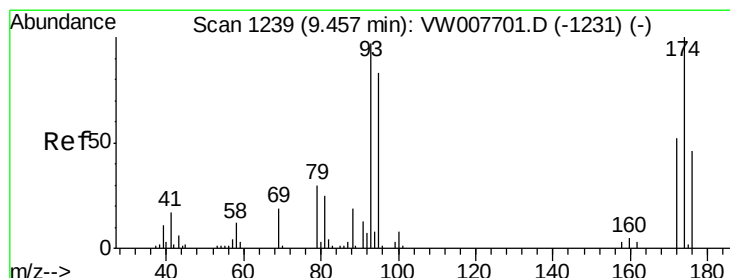
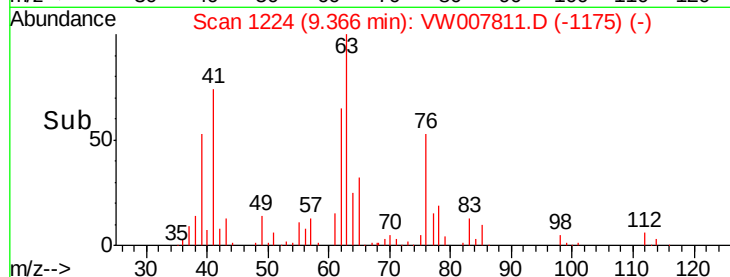
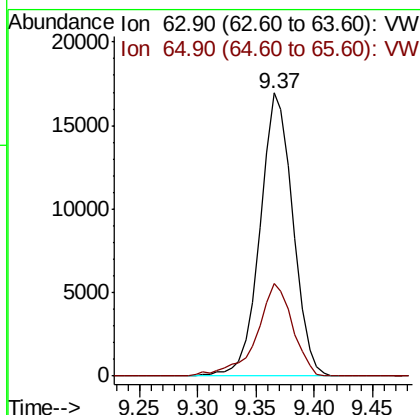
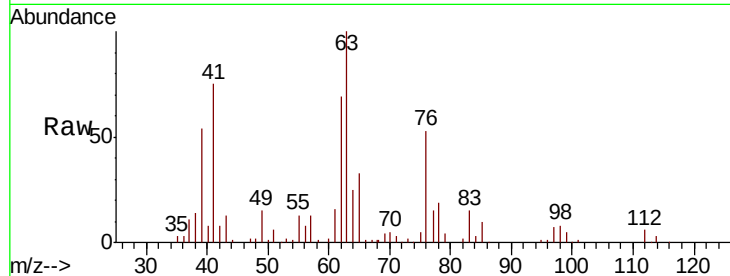




#45
 1,2-Dichloropropane
 Concen: 52.308 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

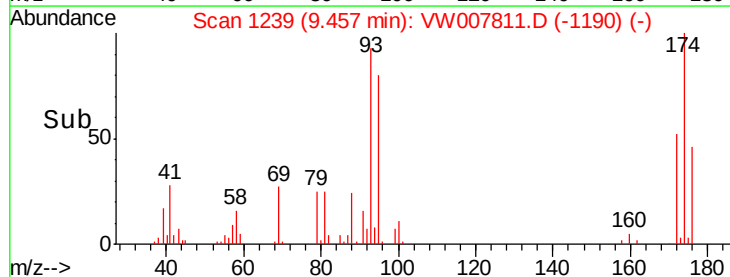
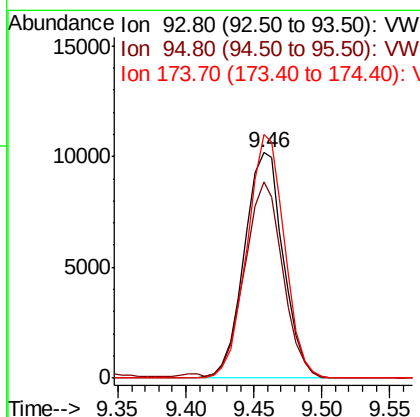
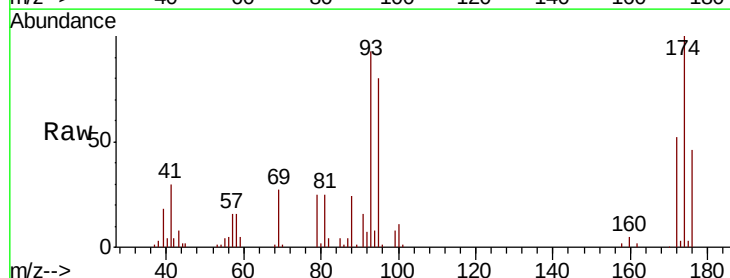
Instrument :
 MSVOA_W
 ClientSampleId :

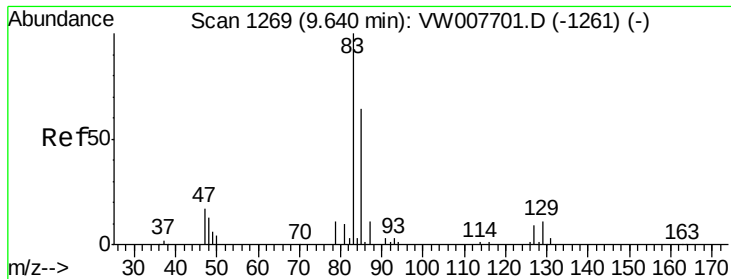
Tot Ion: 63 Resp: 33313
 Ion Ratio Lower Upper
 63 100
 65 32.8 23.8 35.8



#46
 Dibromomethane
 Concen: 52.084 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

Tgt Ion: 93 Resp: 20419
 Ion Ratio Lower Upper
 93 100
 95 85.5 67.5 101.3
 174 103.6 83.9 125.9

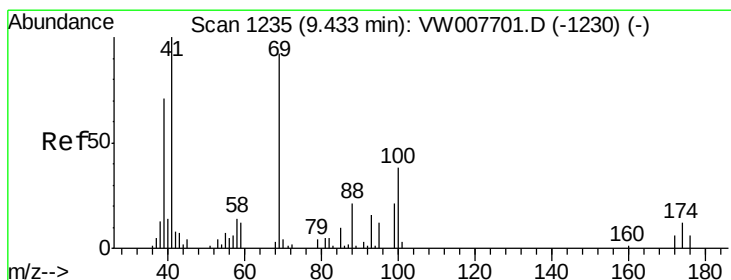
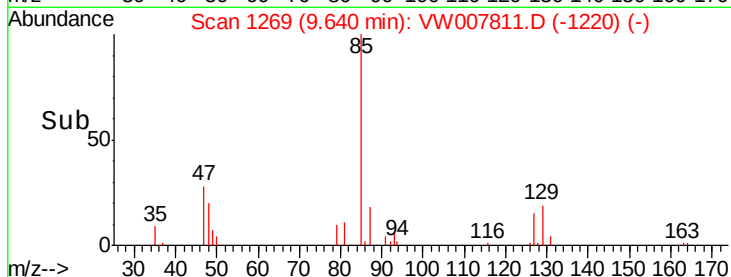
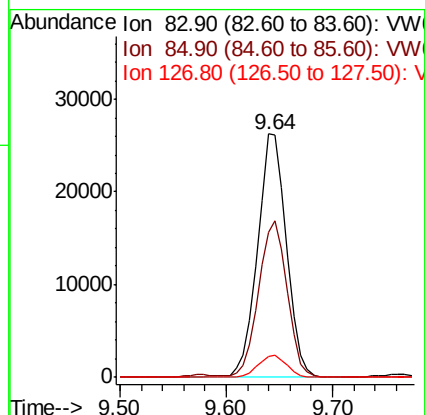
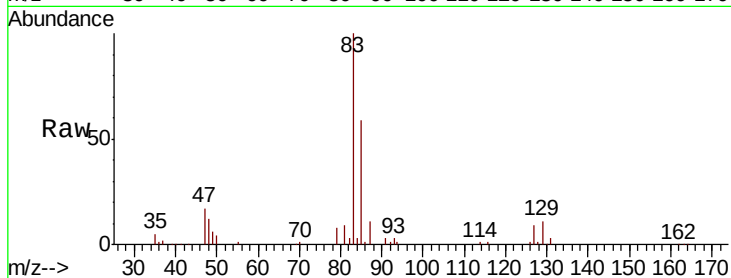




#47
Bromodichloromethane
Concen: 48.758 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

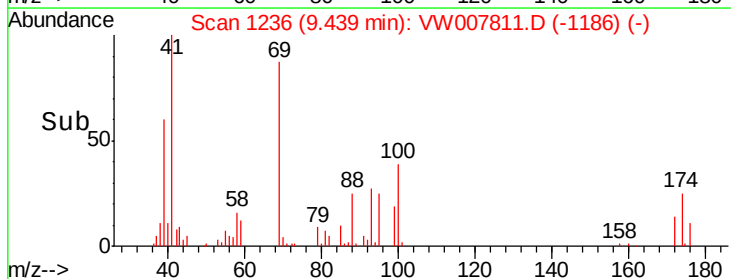
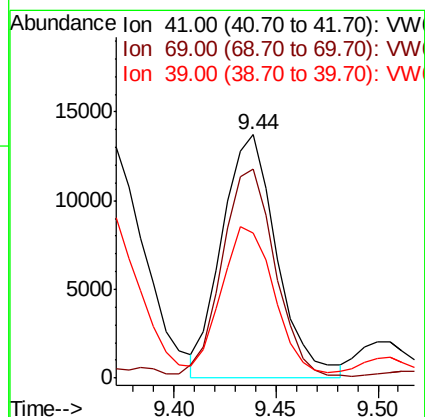
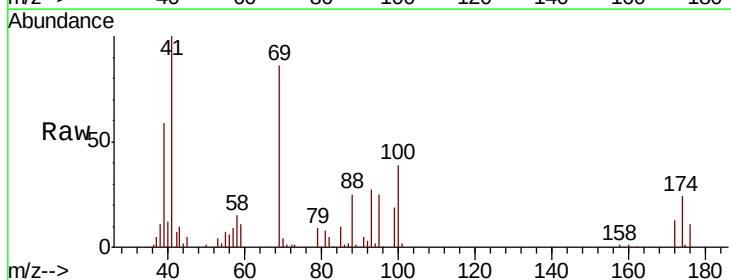
Instrument :
MSVOA_W
ClientSampleId :

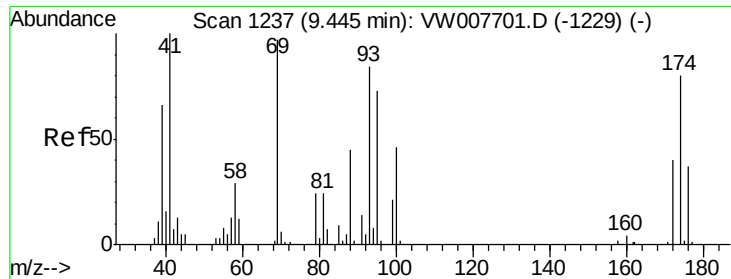
Tot Ion: 83 Resp: 50252
Ion Ratio Lower Upper
83 100
85 59.4 51.4 77.0
127 8.6 7.5 11.3



#48
Methyl methacrylate
Concen: 68.901 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion: 41 Resp: 25577
Ion Ratio Lower Upper
41 100
69 83.9 74.2 111.2
39 61.3 53.9 80.9

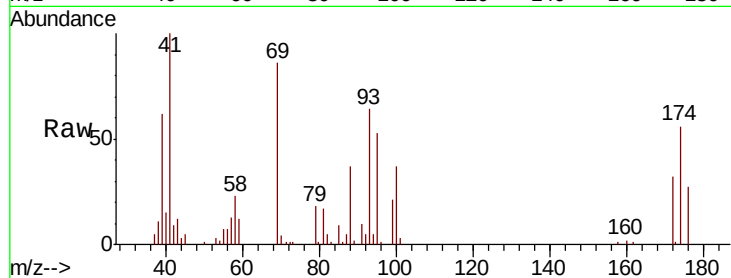




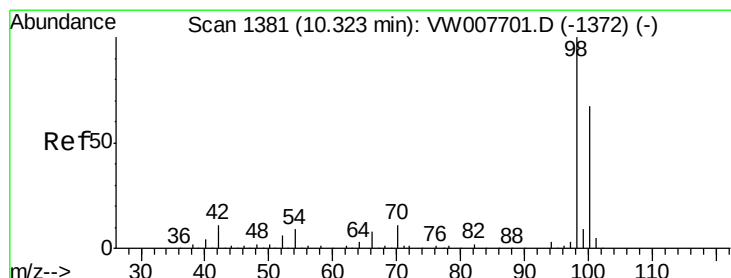
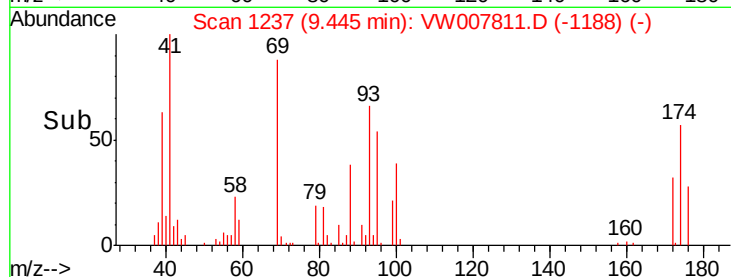
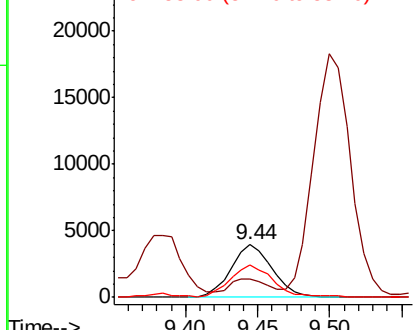
#49
1,4-Dioxane
Concen: 1270.357 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 7896
Ion Ratio Lower Upper
88 100
43 35.0 25.6 38.4
58 65.3 52.3 78.5

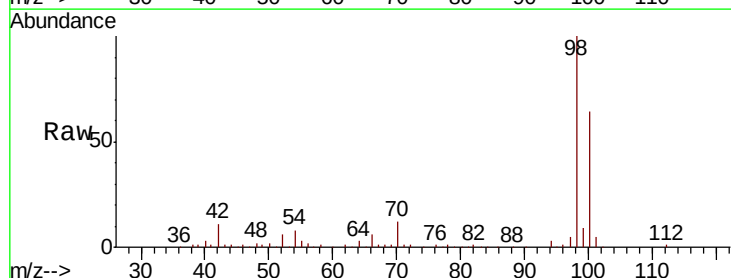


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

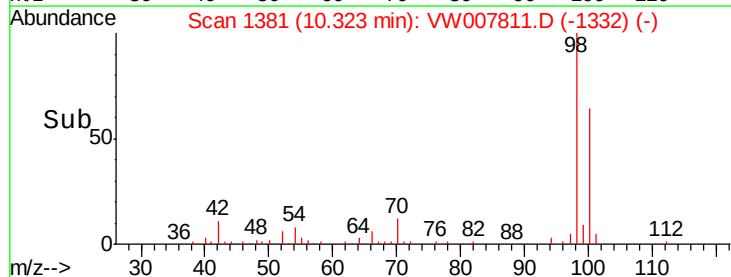
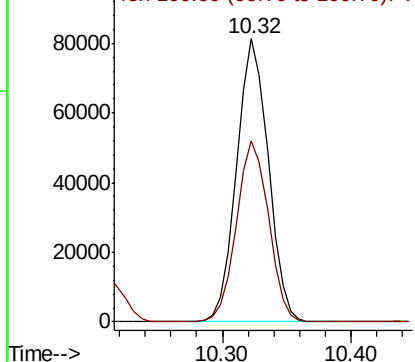


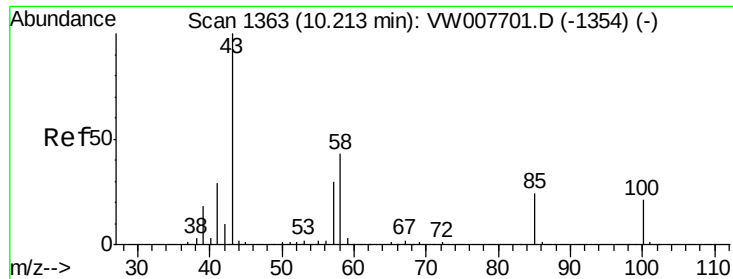
#50
Toluene-d8
Concen: 54.200 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion: 98 Resp: 138908
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



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

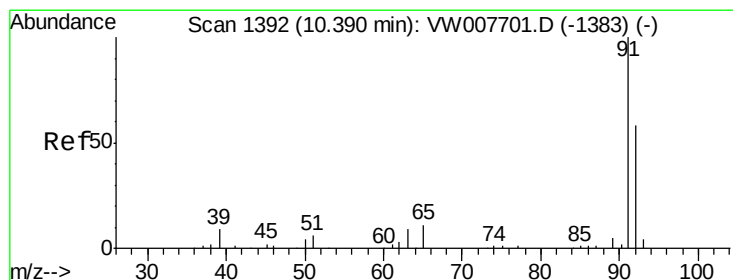
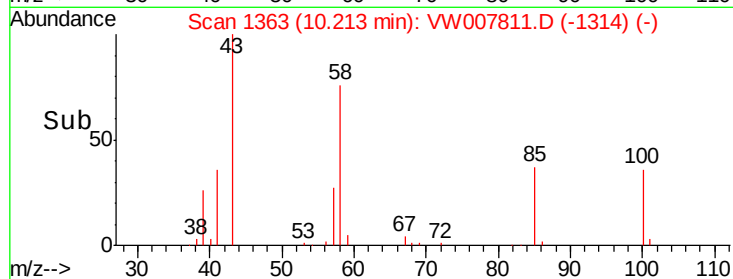
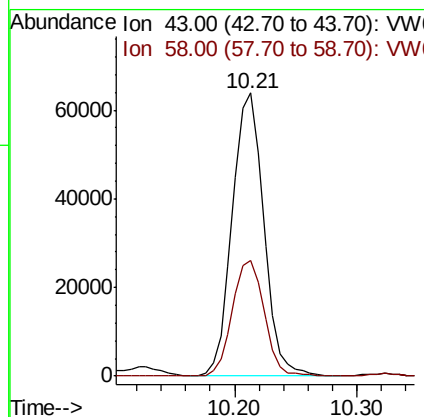
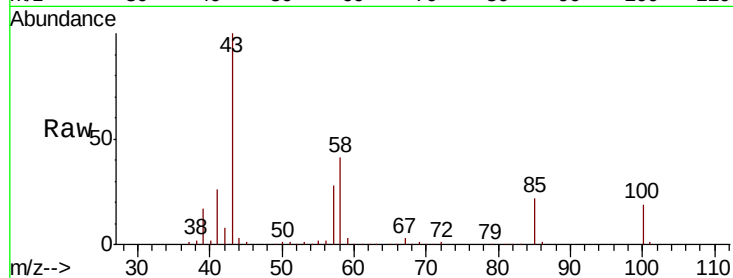




#51
4-Methyl-2-Pentanone
Concen: 323.278 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

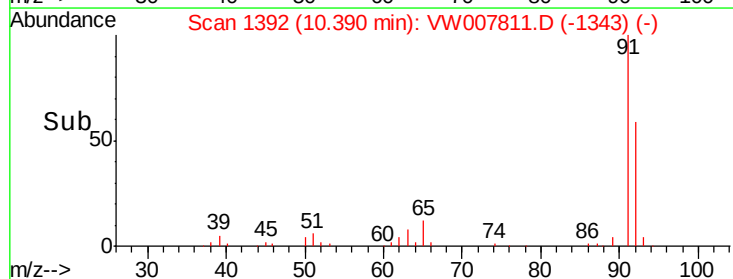
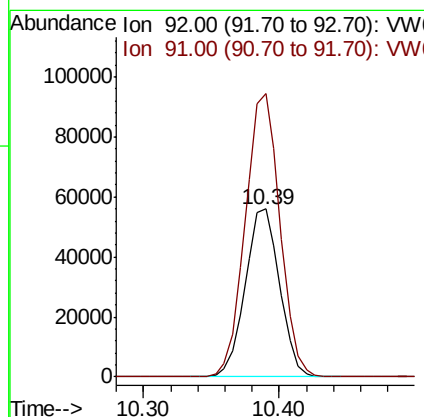
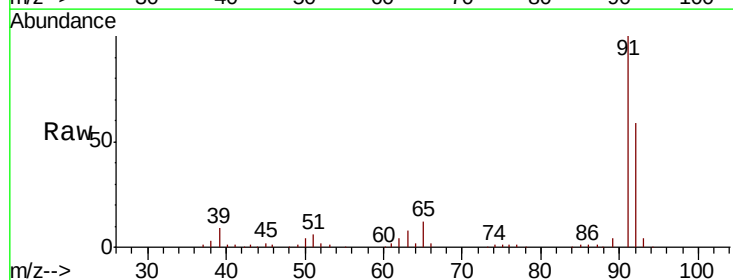
Instrument :
MSVOA_W
ClientSampleId :

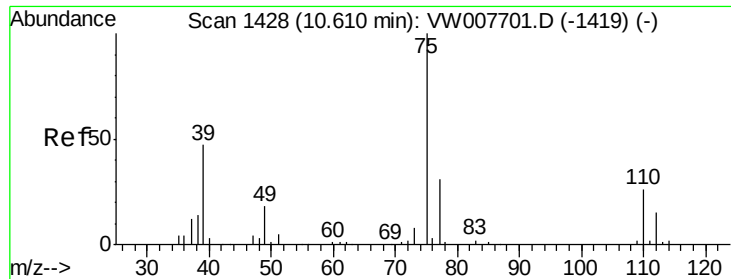
Tot Ion: 43 Resp: 113620
Ion Ratio Lower Upper
43 100
58 41.2 33.2 49.8



#52
Toluene
Concen: 51.396 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion: 92 Resp: 98973
Ion Ratio Lower Upper
92 100
91 169.8 137.0 205.4

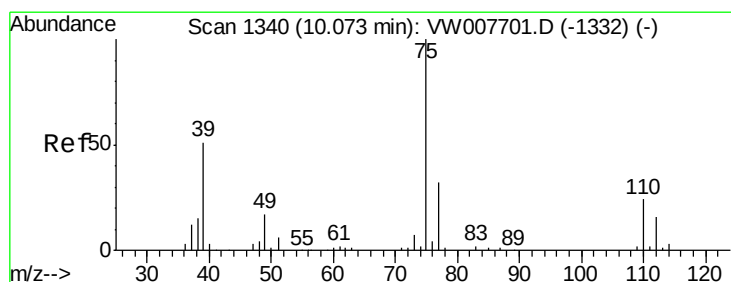
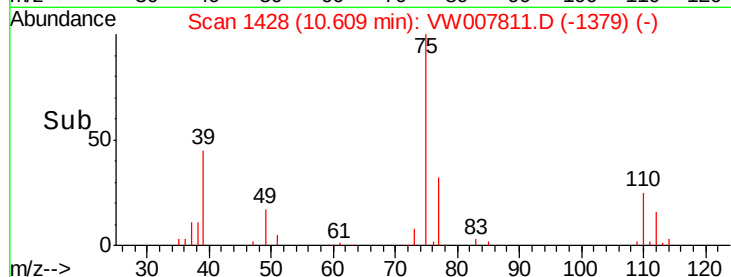
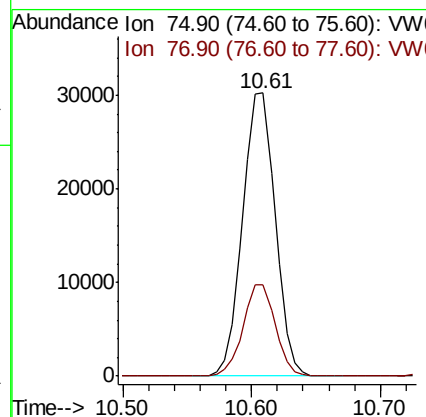
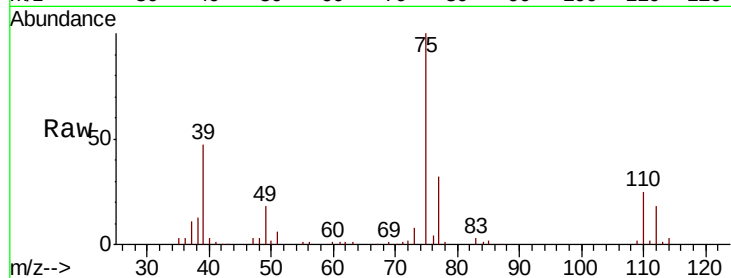




#53
t-1,3-Dichloropropene
Concen: 51.775 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

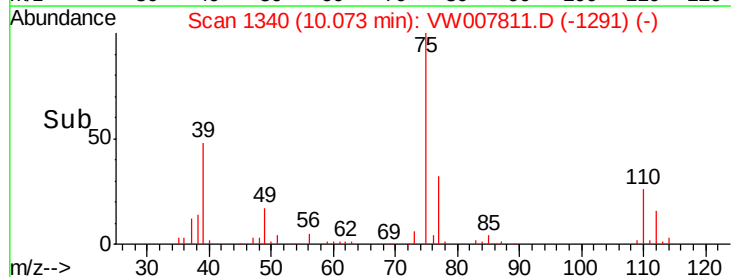
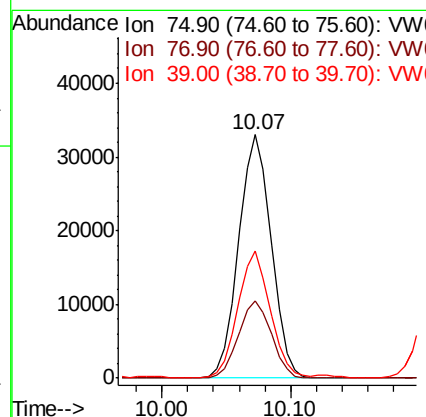
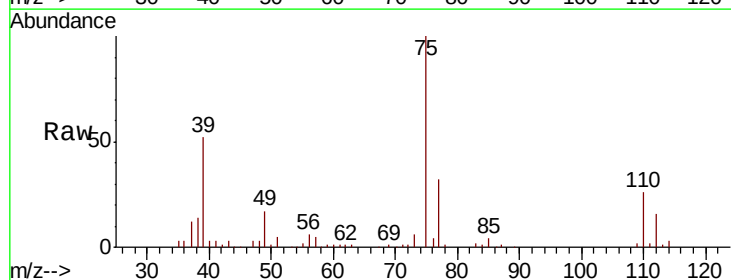
Instrument :
MSVOA_W
ClientSampleId :

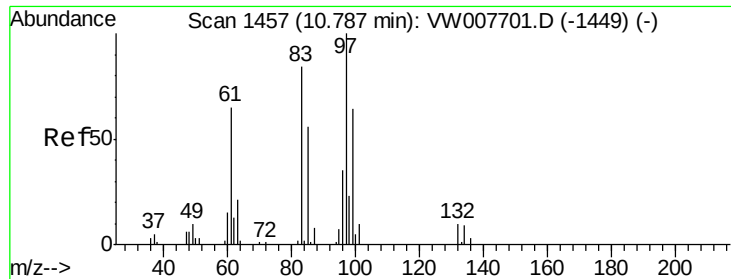
Tot Ion: 75 Resp: 53077
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 51.139 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion: 75 Resp: 57907
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 52.1 41.2 61.8

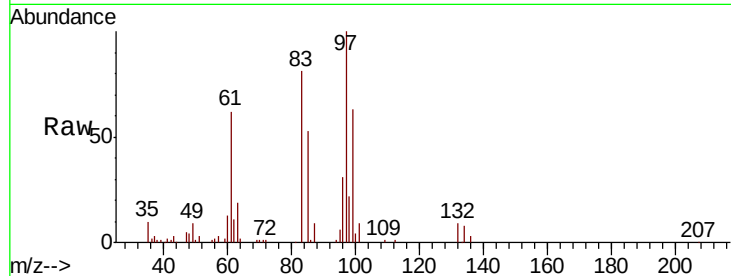




#55
 1,1,2-Trichloroethane
 Concen: 60.724 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:	97	Resp:	32819
Ion	Ratio	Lower	Upper
97	100		
83	80.6	67.5	101.3
85	53.1	44.8	67.2
99	63.0	51.0	76.4



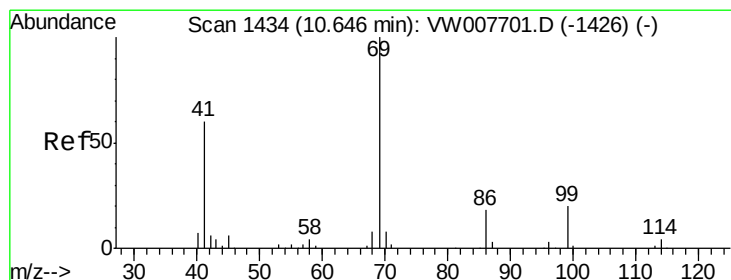
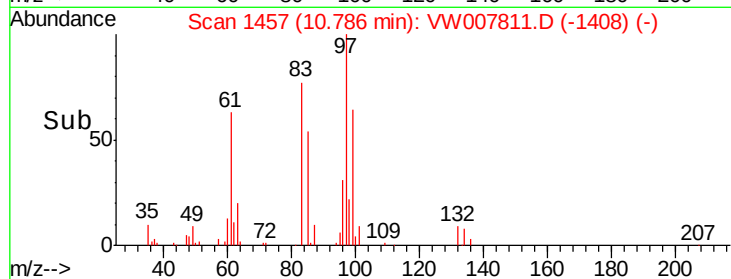
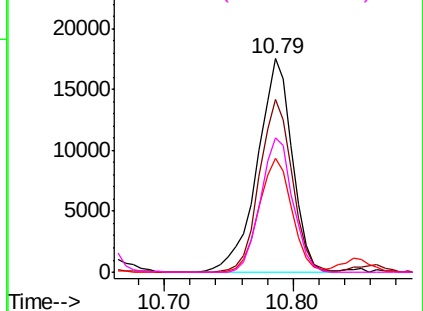
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

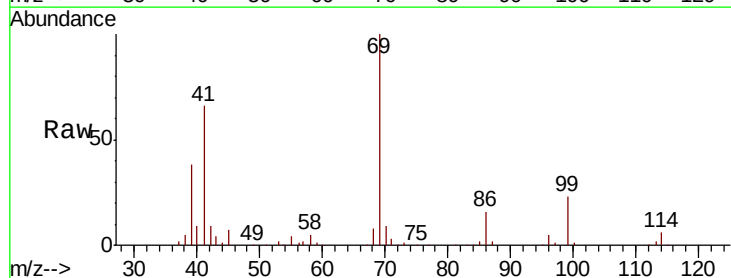
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 60.628 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

Tgt Ion:	69	Resp:	38714
Ion	Ratio	Lower	Upper
69	100		
41	64.7	48.9	73.3
39	36.7	31.3	46.9

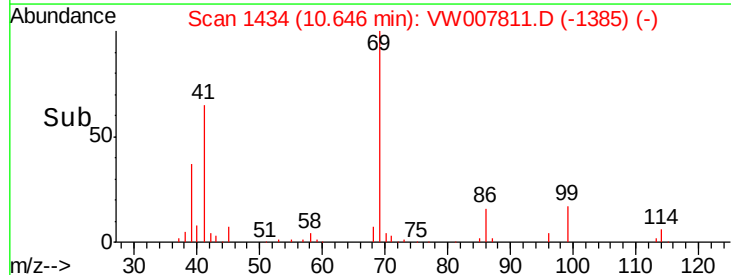
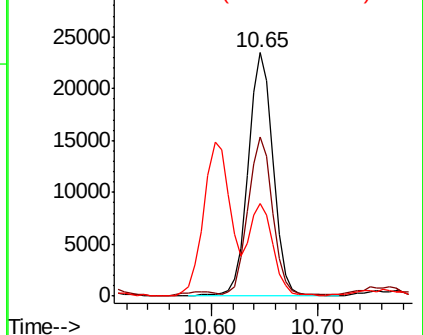


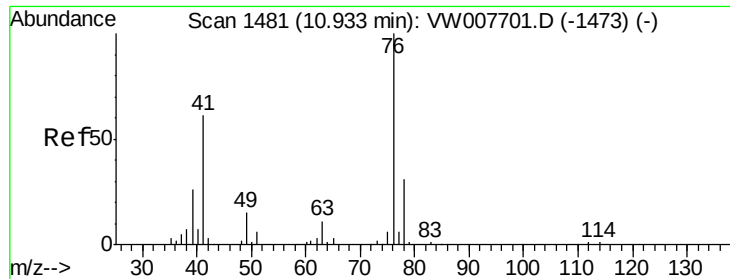
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

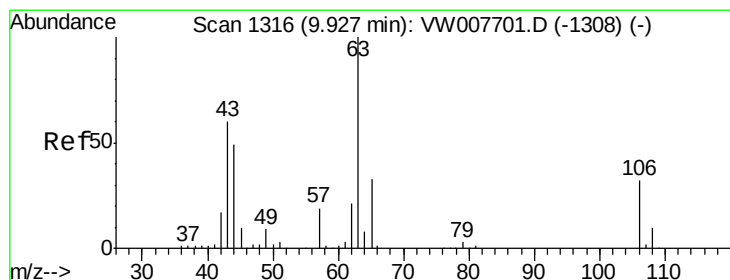
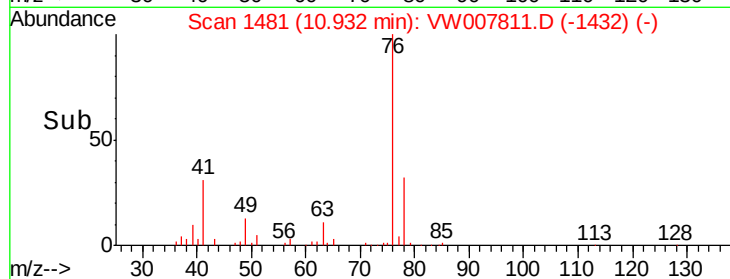
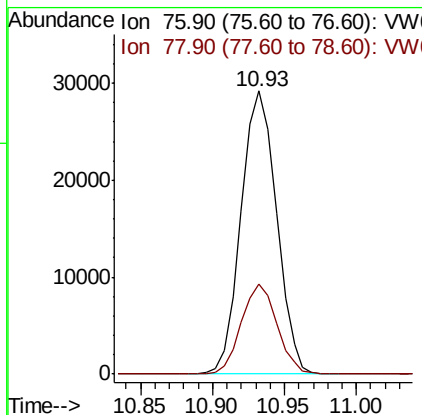
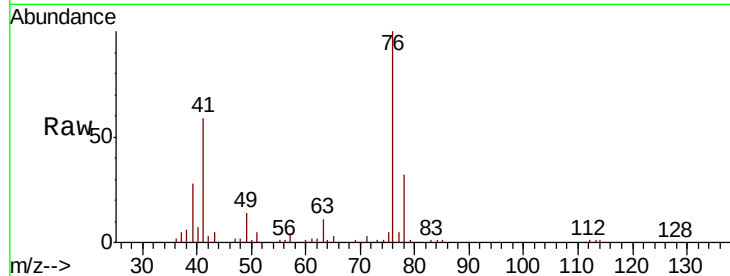




#57
 1,3-Dichloropropane
 Concen: 55.677 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

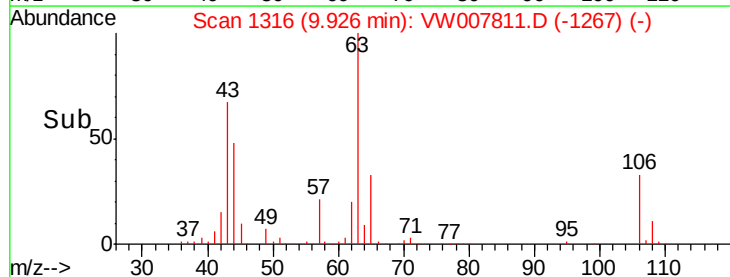
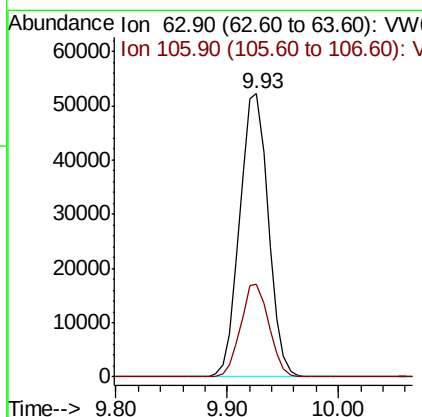
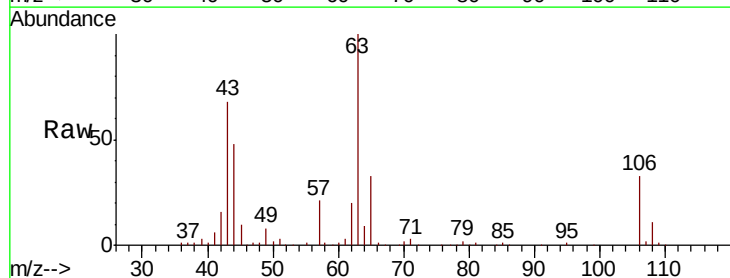
Instrument :
 MSVOA_W
 ClientSampleId :

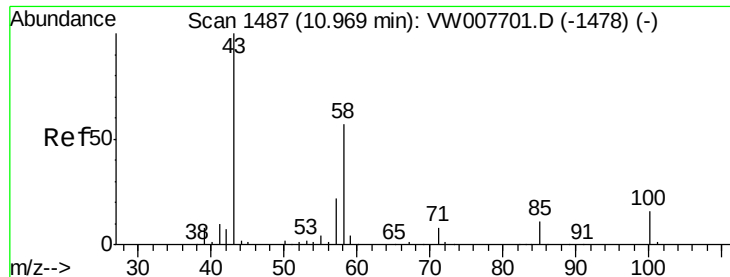
Tot Ion: 76 Resp: 49968
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 319.239 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

Tgt Ion: 63 Resp: 93073
 Ion Ratio Lower Upper
 63 100
 106 32.5 25.9 38.9





#59

2-Hexanone

Concen: 336.554 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Instrument :

MSVOA_W

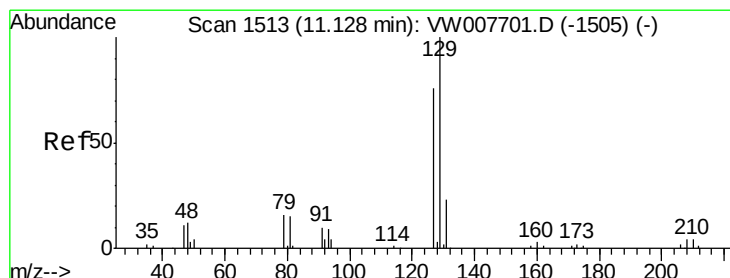
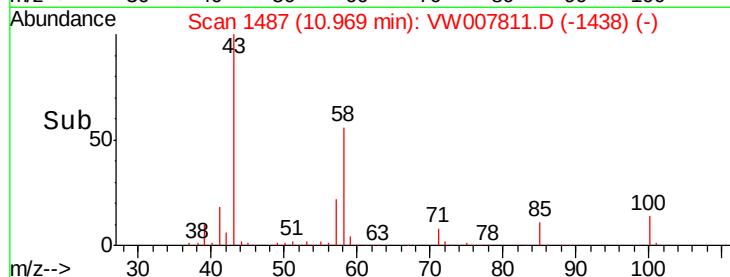
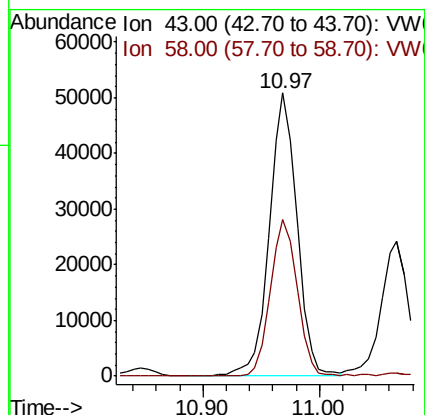
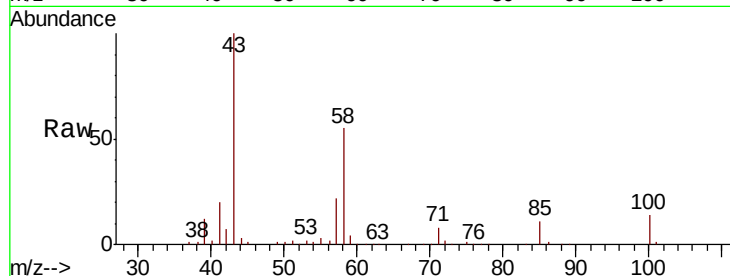
ClientSampled :

Tot Ion: 43 Resp: 83187

Ion Ratio Lower Upper

43 100

58 54.0 27.7 83.1



#60

Dibromochloromethane

Concen: 47.476 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007811.D

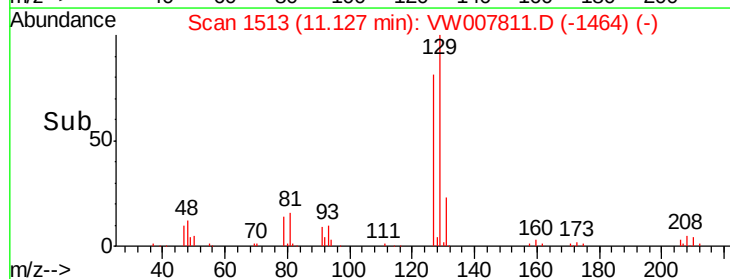
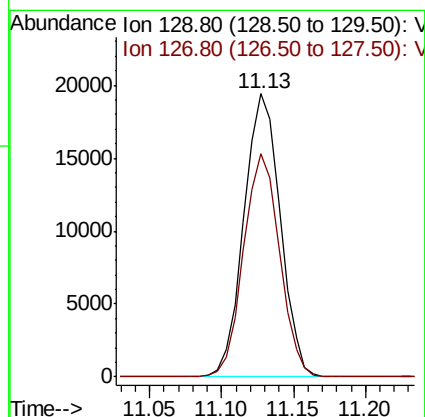
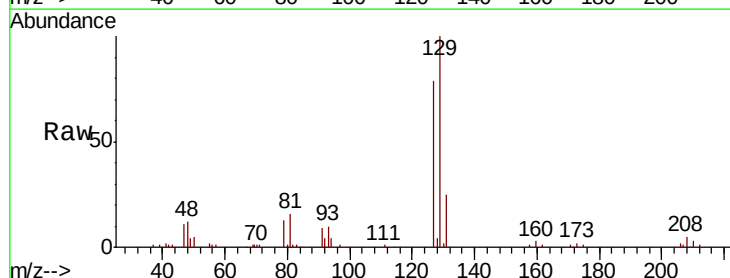
Acq: 21 Dec 2018 22:26

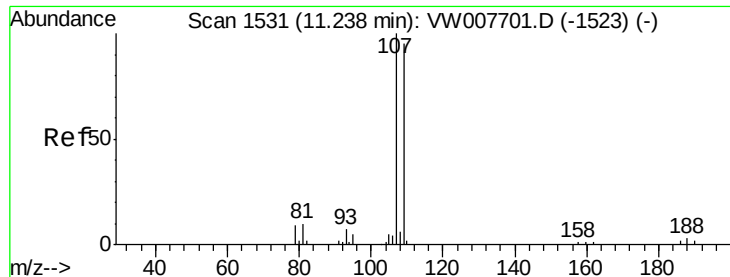
Tgt Ion: 129 Resp: 33974

Ion Ratio Lower Upper

129 100

127 78.1 38.3 114.9

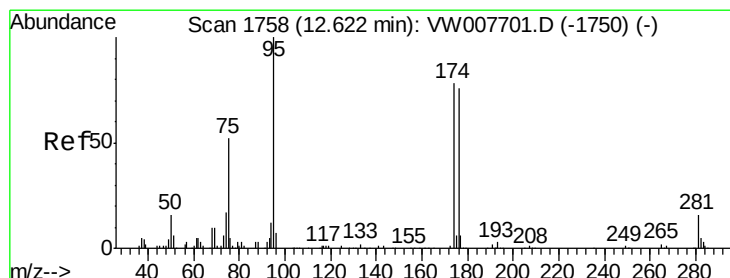
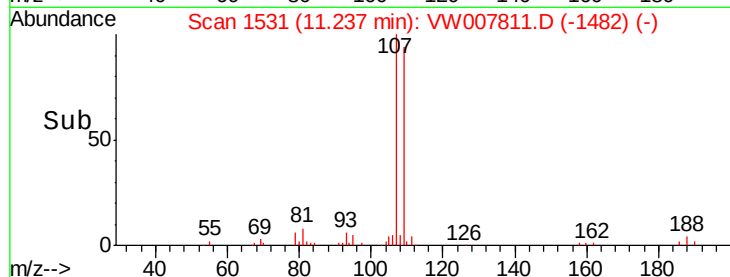
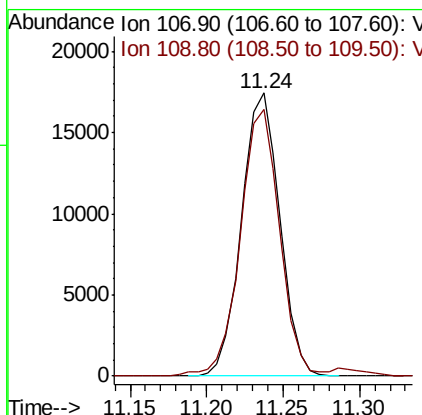
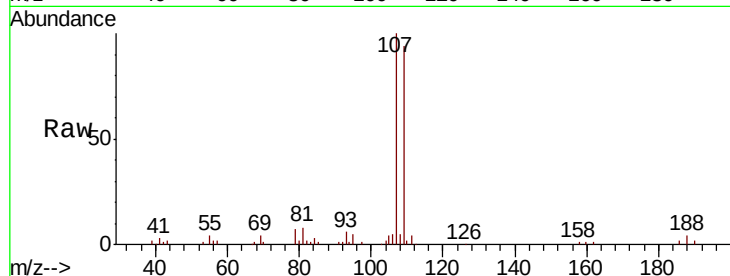




#61
 1,2-Dibromoethane
 Concen: 55.379 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

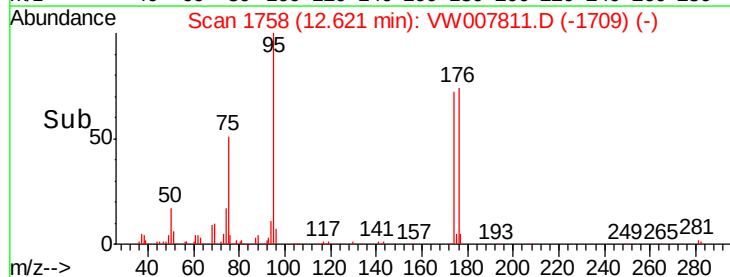
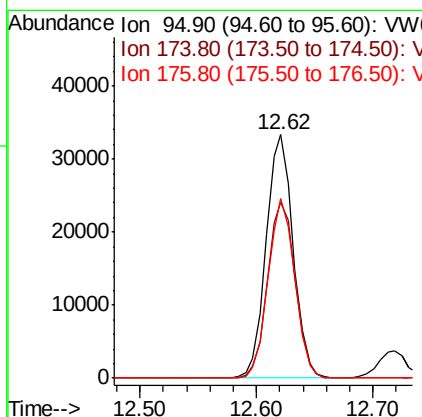
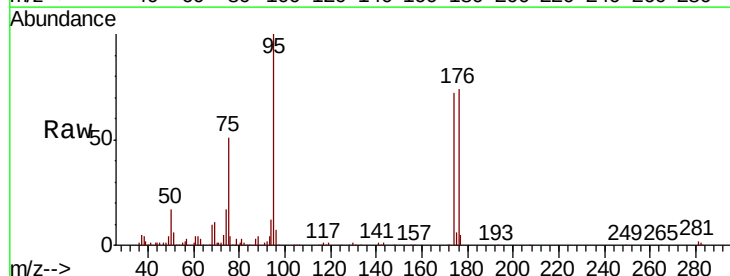
Instrument :
 MSVOA_W
 ClientSampleId :

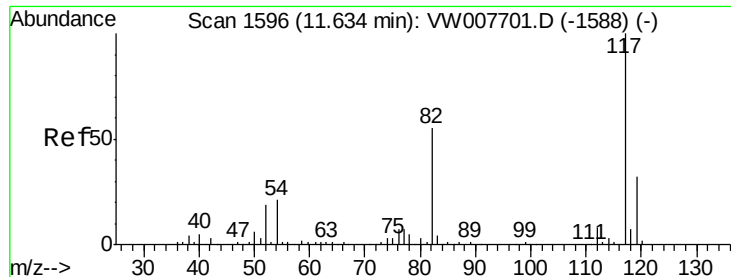
Tot Ion: 107 Resp: 30309
 Ion Ratio Lower Upper
 107 100
 109 97.1 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 54.424 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

Tgt Ion: 95 Resp: 53885
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 152.2
 176 72.7 0.0 146.8

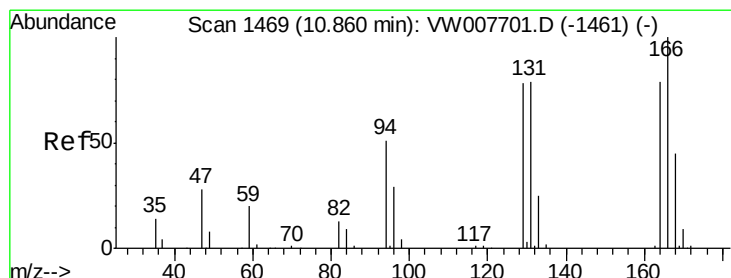
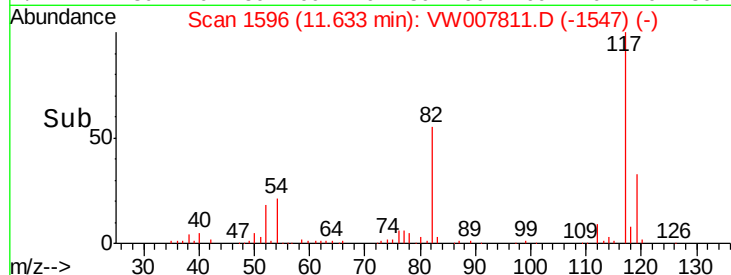
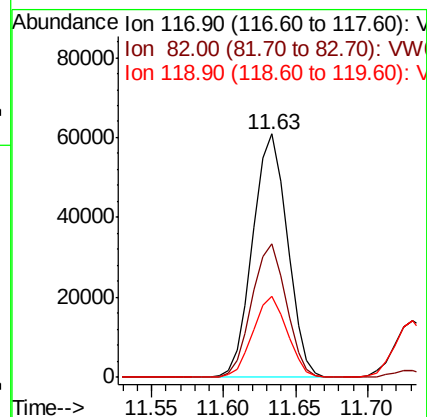
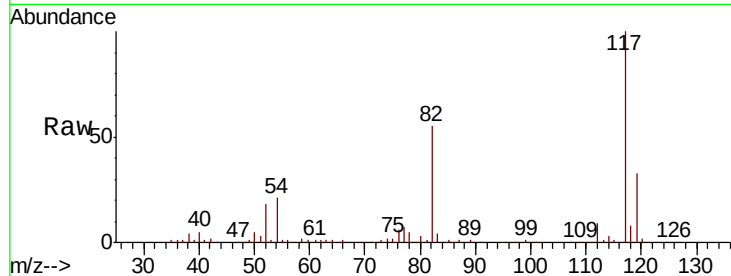




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

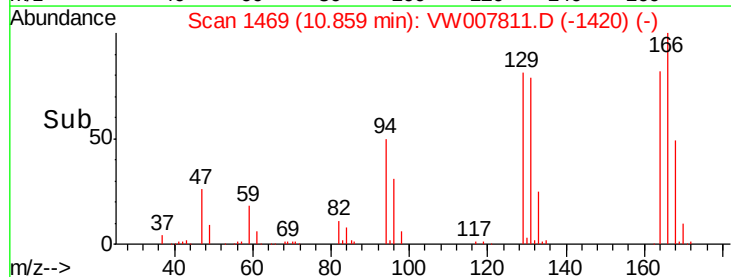
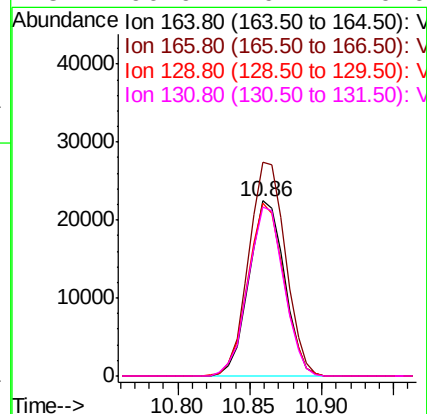
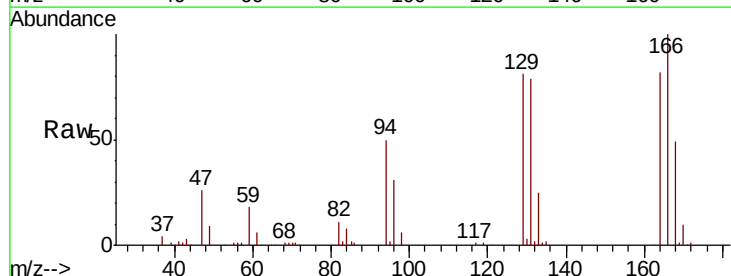
Instrument :
MSVOA_W
ClientSampleId :

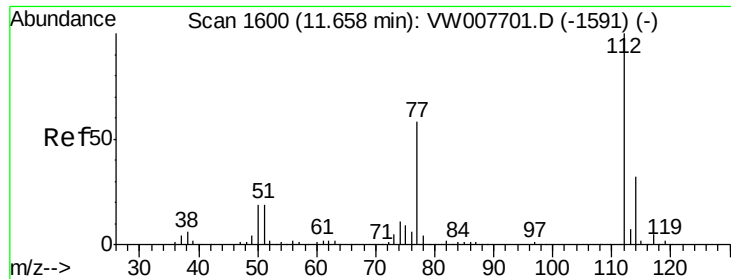
Tot Ion:117 Resp: 101518
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 33.1 25.7 38.5



#64
Tetrachloroethene
Concen: 53.293 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion:164 Resp: 38311
Ion Ratio Lower Upper
164 100
166 122.2 101.0 151.6
129 98.7 78.7 118.1
131 96.9 79.4 119.0

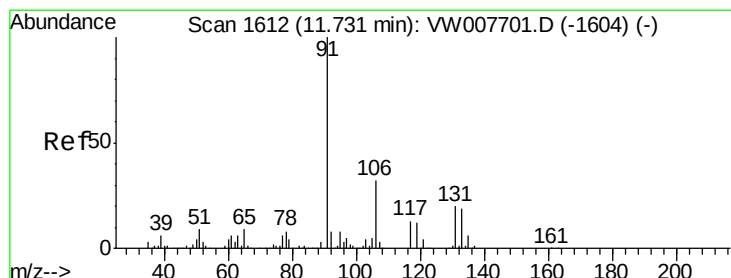
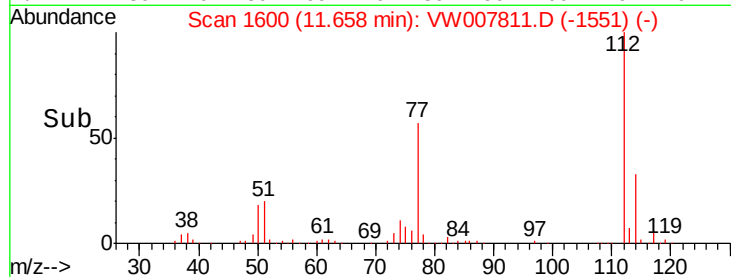
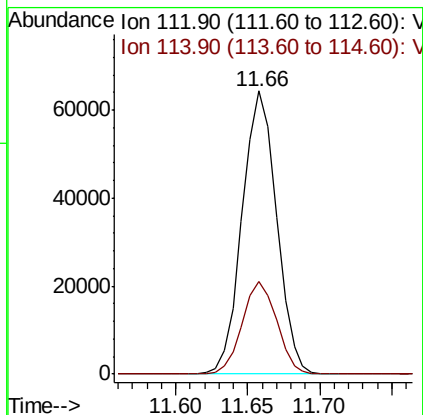
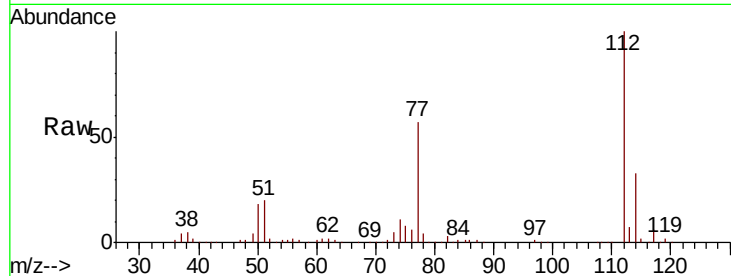




#65
Chlorobenzene
Concen: 48.449 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

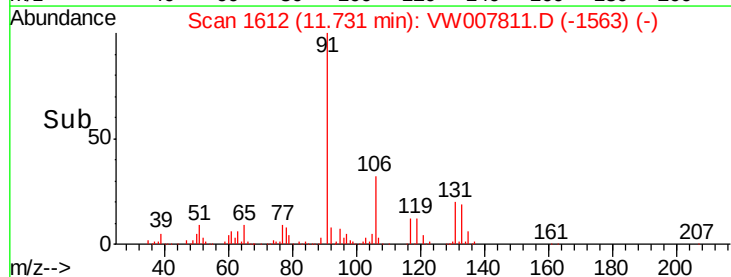
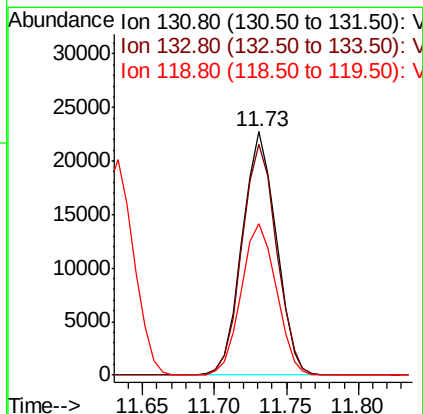
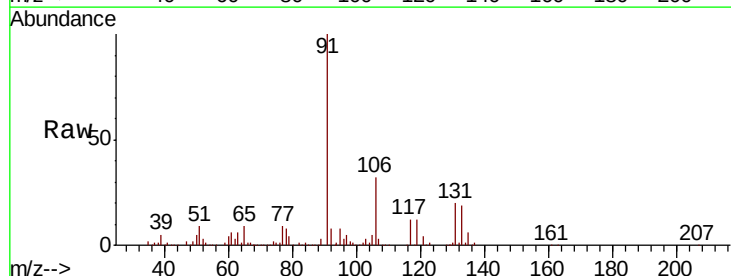
Instrument :
MSVOA_W
ClientSampleId :

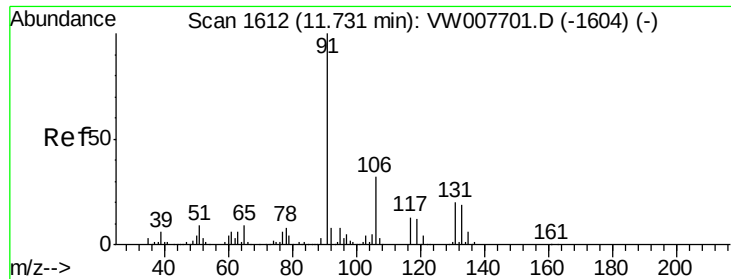
Tot Ion:112 Resp: 106457
Ion Ratio Lower Upper
112 100
114 32.6 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 47.562 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion:131 Resp: 37342
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.5
119 64.0 30.2 90.6

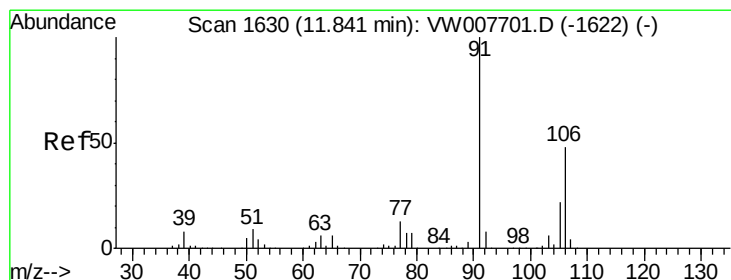
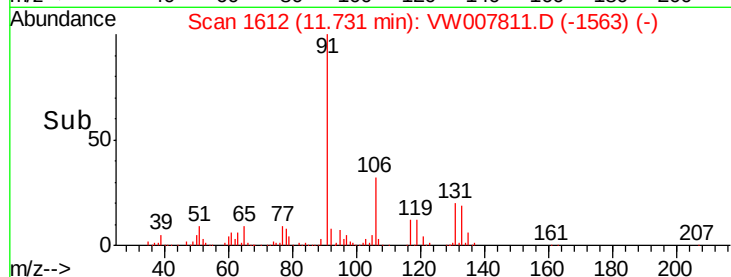
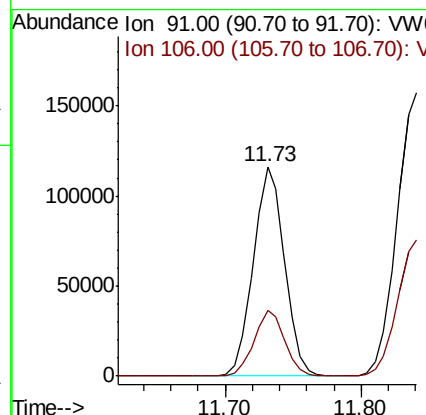
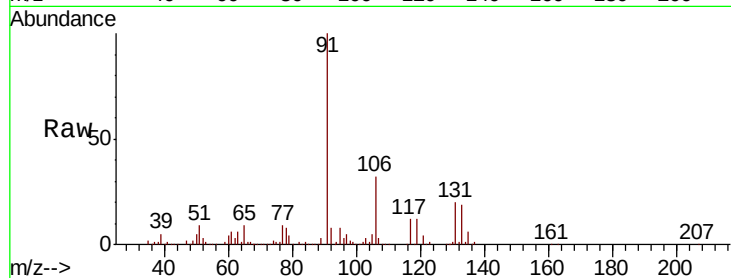




#67
Ethyl Benzene
Concen: 49.580 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

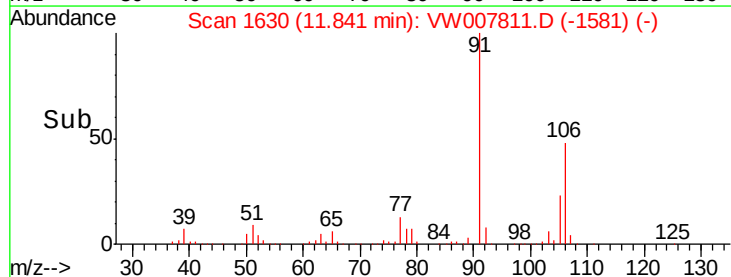
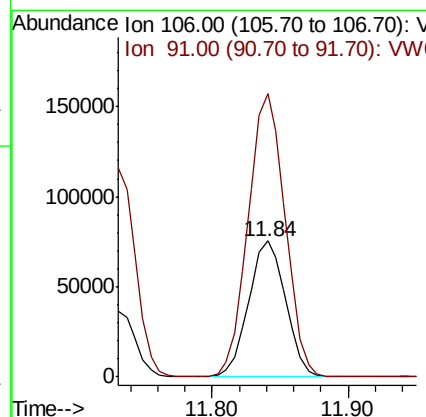
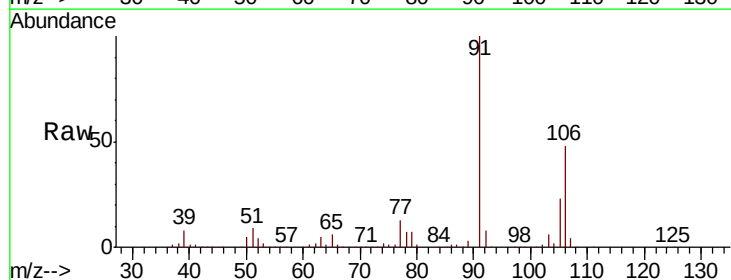
Instrument :
MSVOA_W
ClientSampleId :

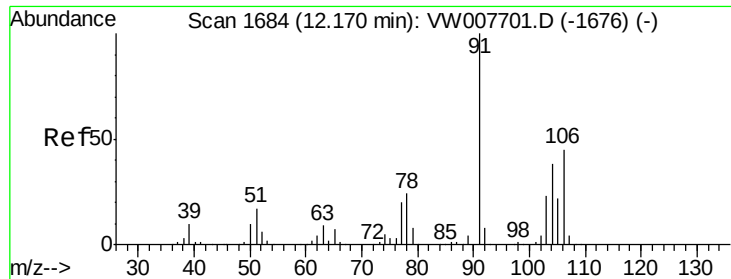
Tot Ion: 91 Resp: 186944
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.8



#68
m/p-Xylenes
Concen: 97.750 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion: 106 Resp: 142974
Ion Ratio Lower Upper
106 100
91 208.9 165.2 247.8

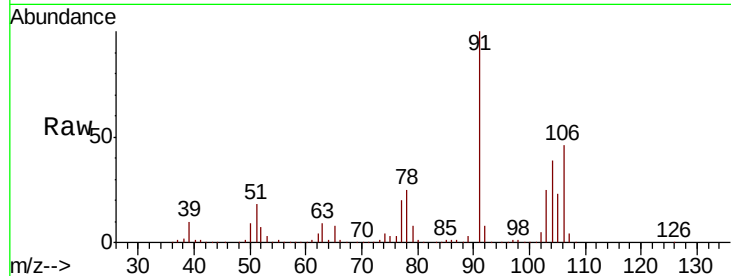




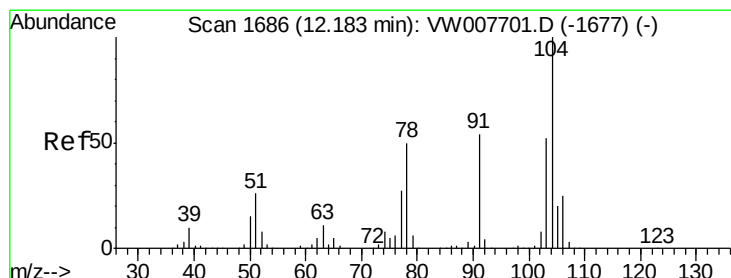
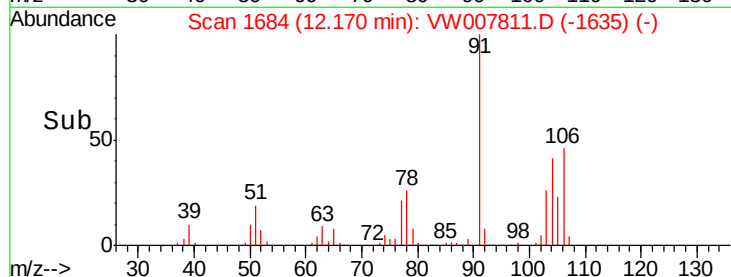
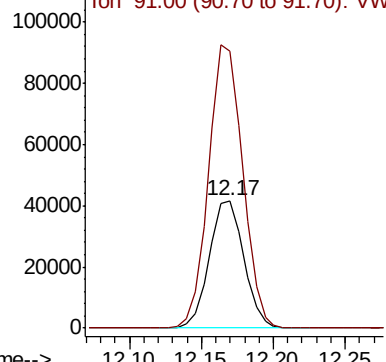
#69
o-Xylene
Concen: 50.616 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 69397
Ion Ratio Lower Upper
106 100
91 220.0 110.5 331.4

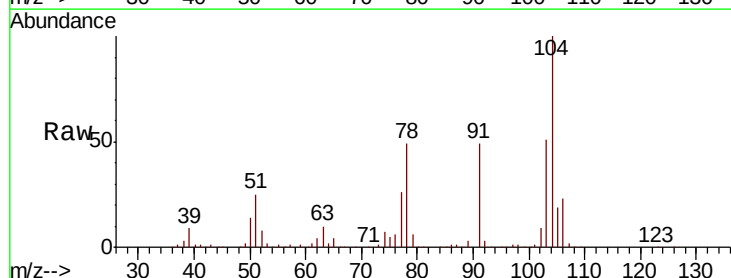


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

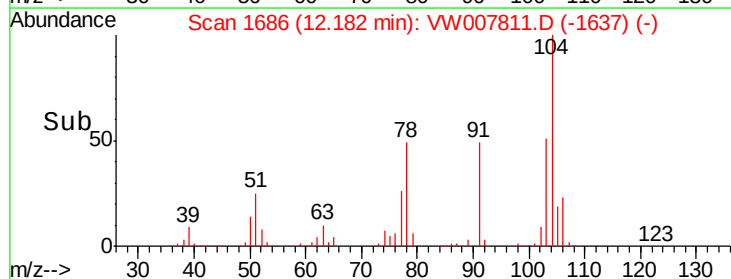
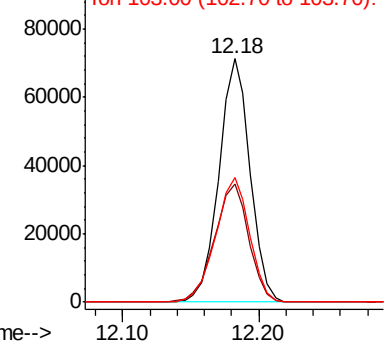


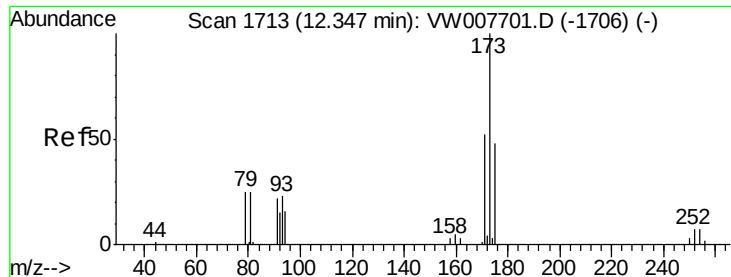
#70
Styrene
Concen: 50.657 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion:104 Resp: 114166
Ion Ratio Lower Upper
104 100
78 53.9 43.4 65.0
103 55.7 44.5 66.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 48.246 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Instrument :

MSVOA_W

ClientSampleId :

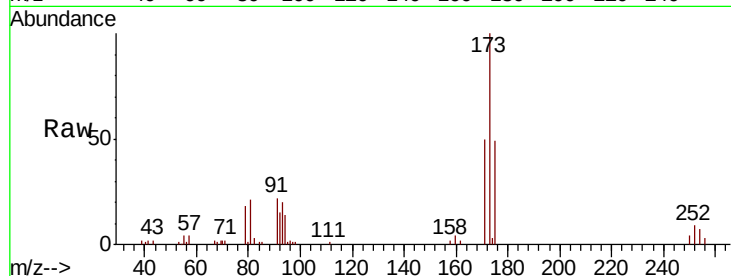
Tot Ion:173 Resp: 19664

Ion Ratio Lower Upper

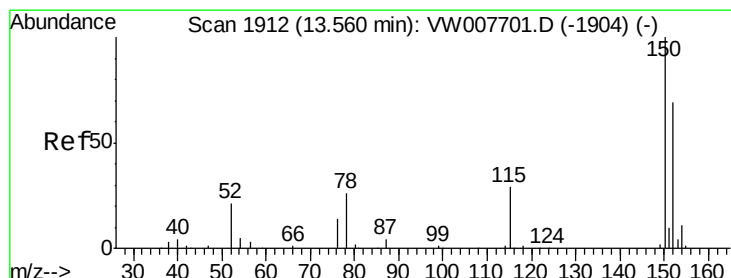
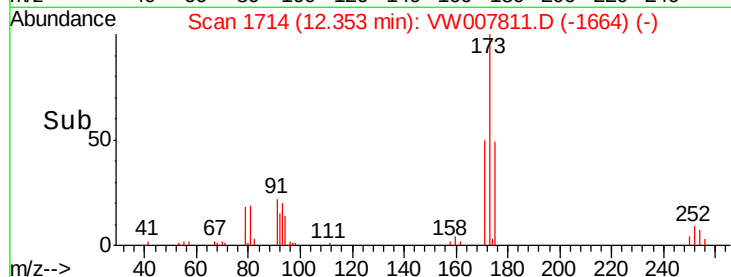
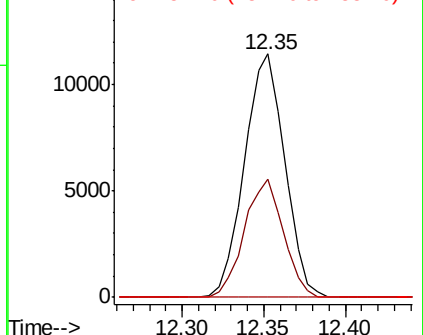
173 100

175 46.9 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: VW007811.D

Acq: 21 Dec 2018 22:26

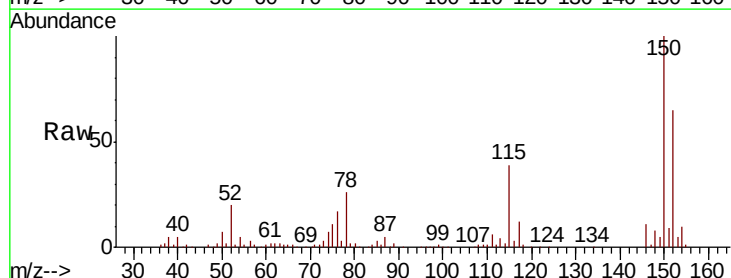
Tgt Ion:152 Resp: 49618

Ion Ratio Lower Upper

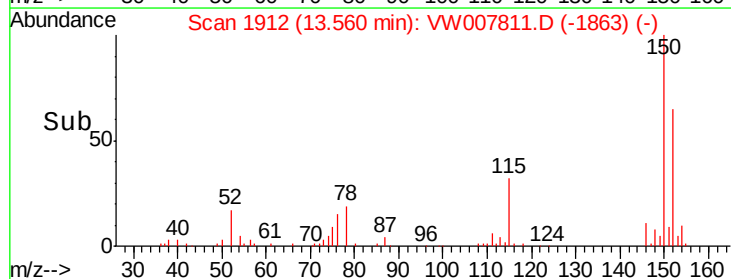
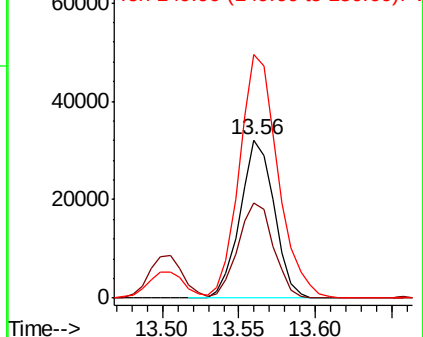
152 100

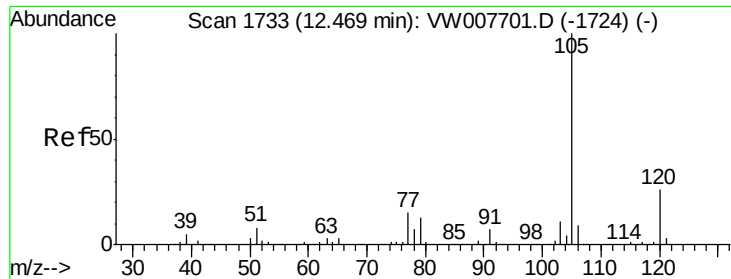
115 62.8 31.8 95.4

150 173.9 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: 57.712 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Instrument :

MSVOA_W

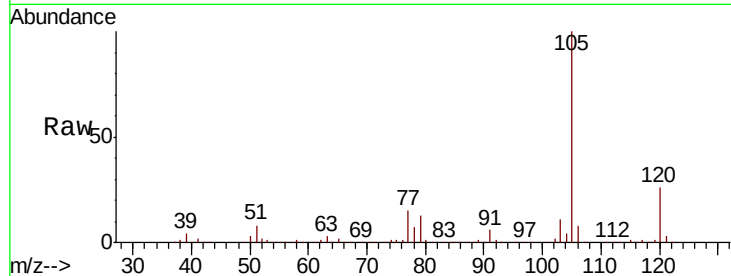
ClientSampleId :

Tot Ion:105 Resp: 216453

Ion Ratio Lower Upper

105 100

120 25.6 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

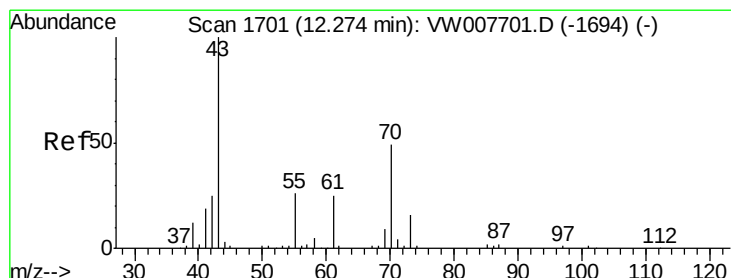
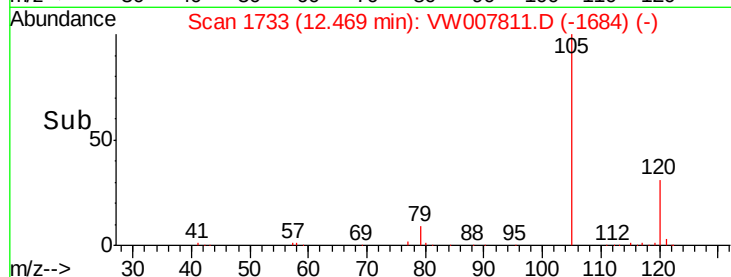
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 63.934 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Tgt Ion: 43 Resp: 41535

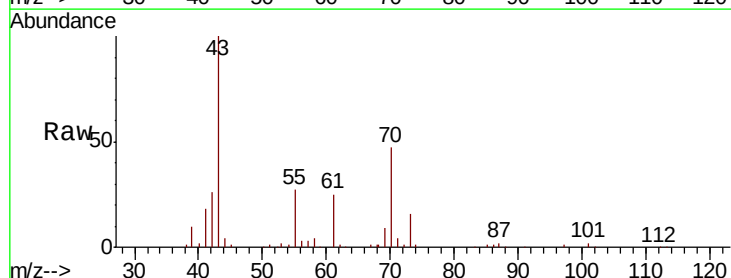
Ion Ratio Lower Upper

43 100

70 45.8 37.6 56.4

55 26.5 21.7 32.5

61 25.0 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

40000

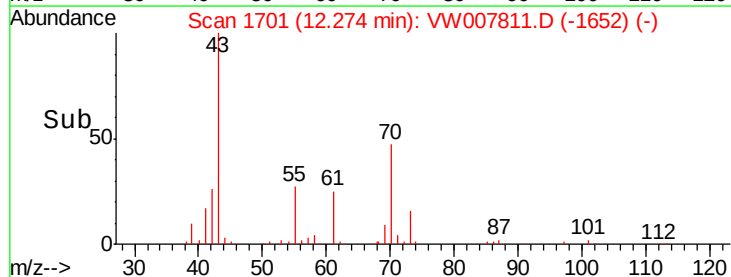
30000

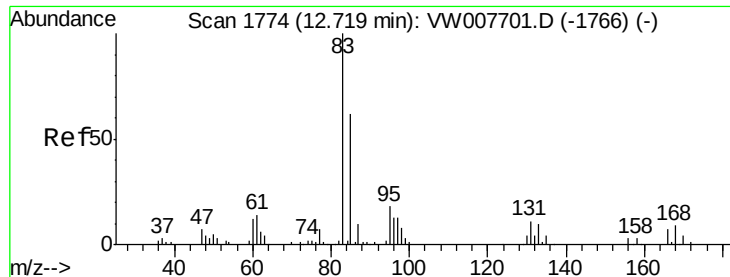
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 60.979 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Instrument :

MSVOA_W

ClientSampleId :

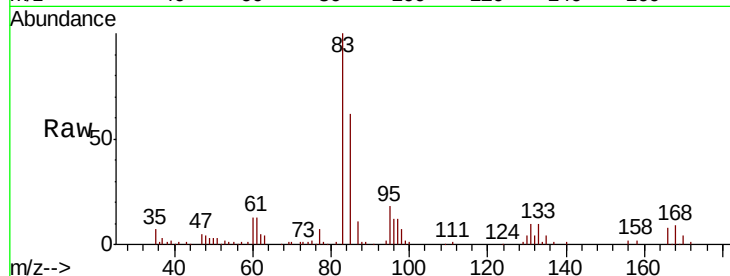
Tot Ion: 83 Resp: 34291

Ion Ratio Lower Upper

83 100

131 11.8 6.3 18.8

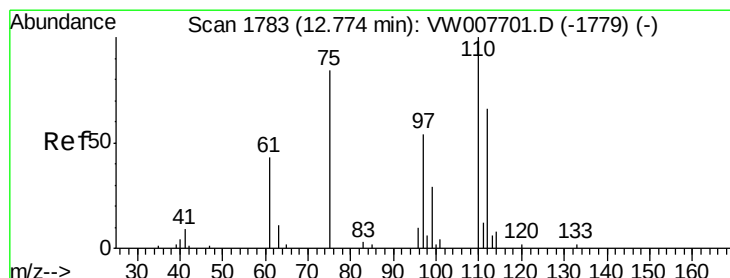
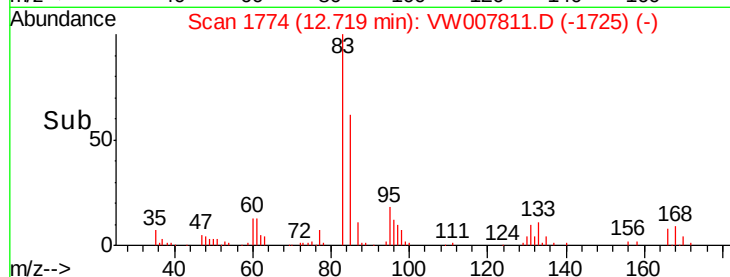
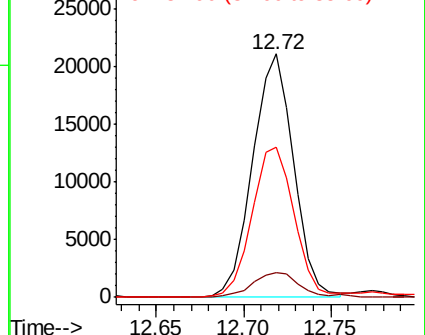
85 63.8 32.3 96.8



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



#76

1,2,3-Trichloropropane

Concen: 119.181 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW007811.D

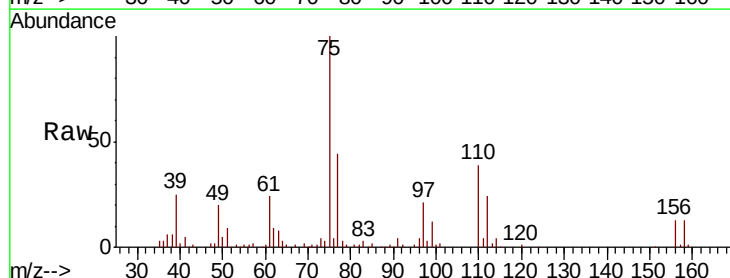
Acq: 21 Dec 2018 22:26

Tgt Ion: 75 Resp: 45706

Ion Ratio Lower Upper

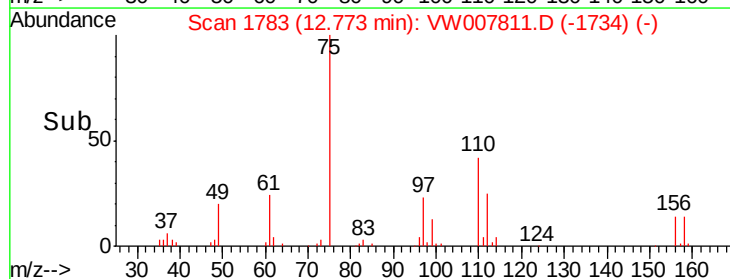
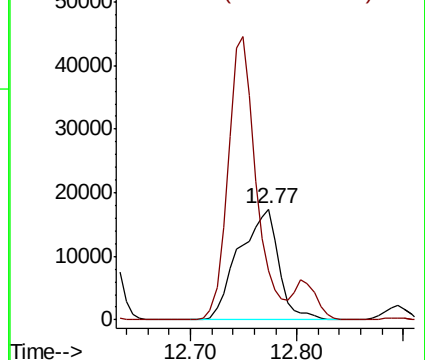
75 100

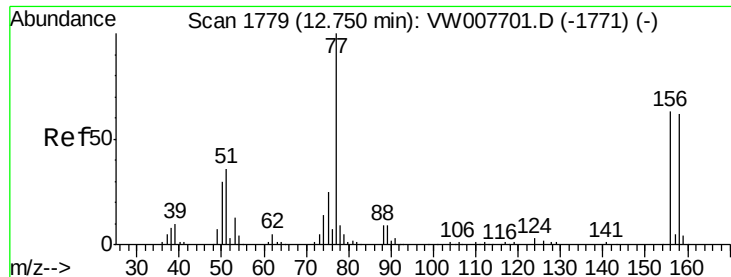
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.303 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Instrument :

MSVOA_W

ClientSampleId :

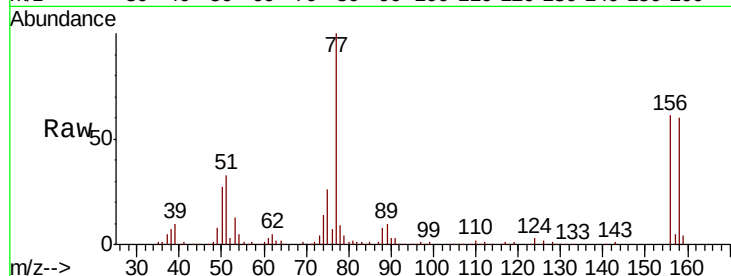
Tot Ion:156 Resp: 44097

Ion Ratio Lower Upper

156 100

77 187.8 87.4 262.1

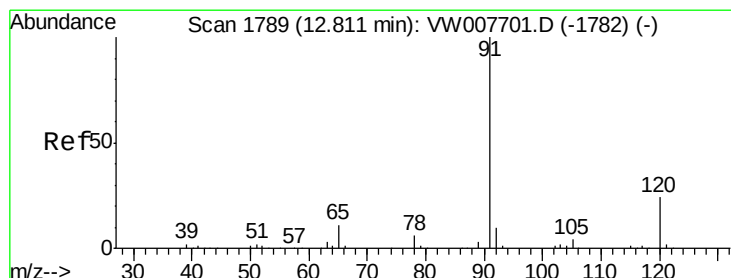
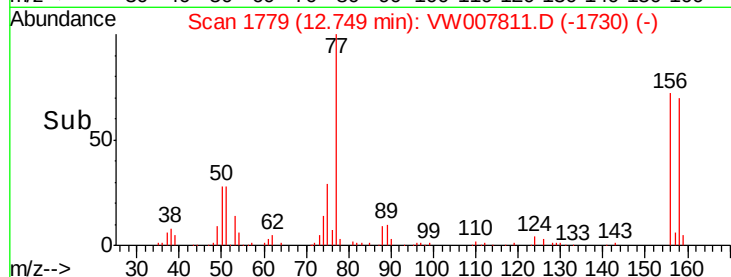
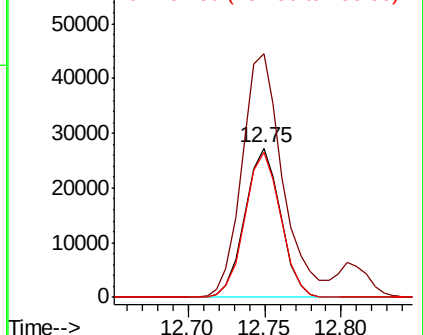
158 97.7 48.4 145.0



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: 54.509 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW007811.D

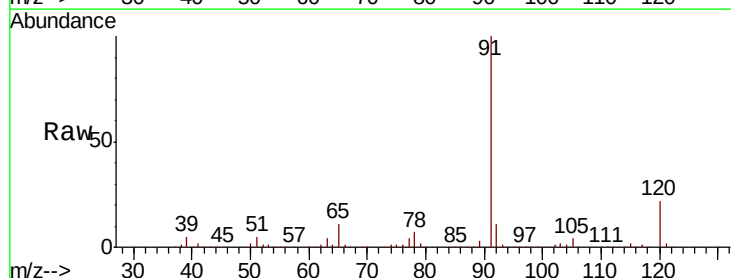
Acq: 21 Dec 2018 22:26

Tgt Ion: 91 Resp: 237980

Ion Ratio Lower Upper

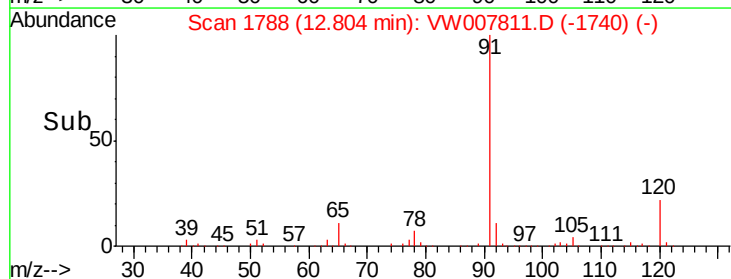
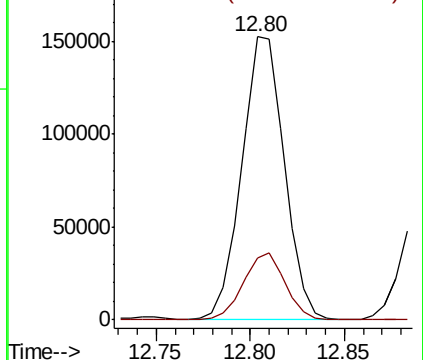
91 100

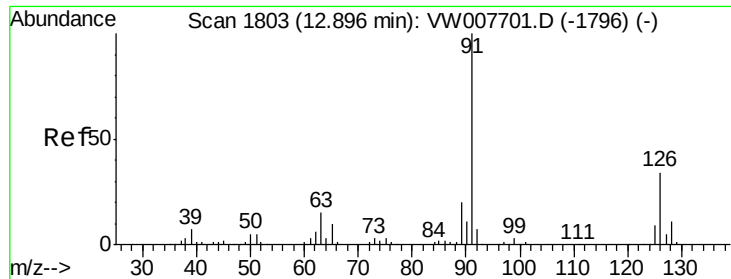
120 23.2 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.229 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Instrument :

MSVOA_W

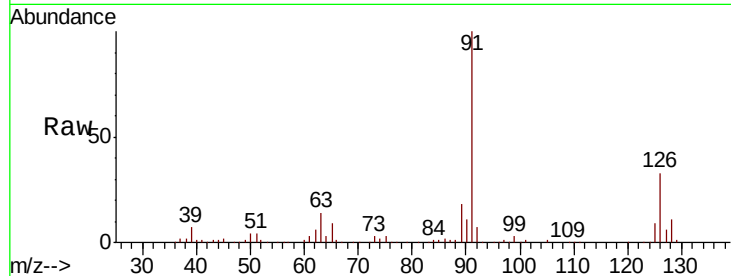
ClientSampleId :

Tot Ion: 91 Resp: 130292

Ion Ratio Lower Upper

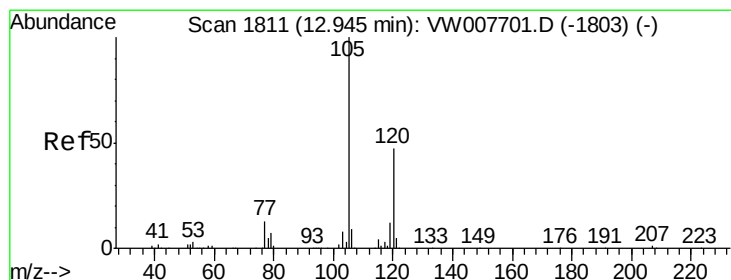
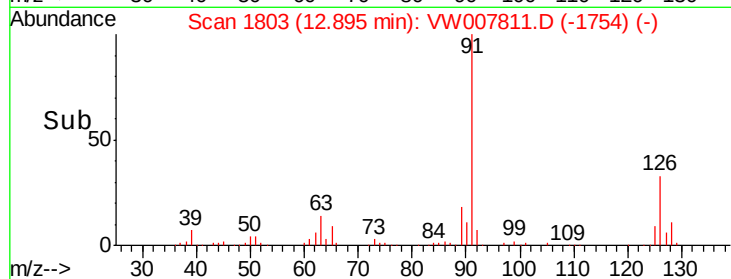
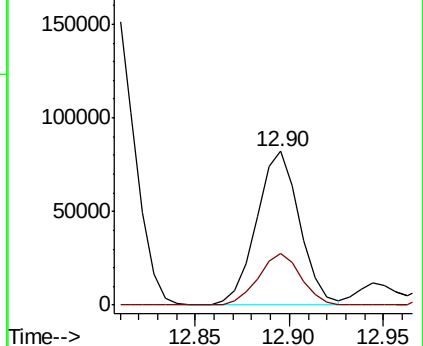
91 100

126 33.2 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.045 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007811.D

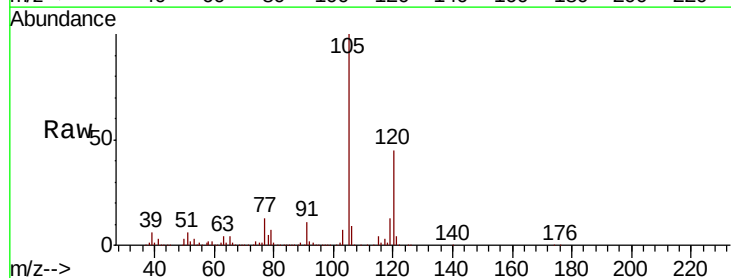
Acq: 21 Dec 2018 22:26

Tgt Ion:105 Resp: 165137

Ion Ratio Lower Upper

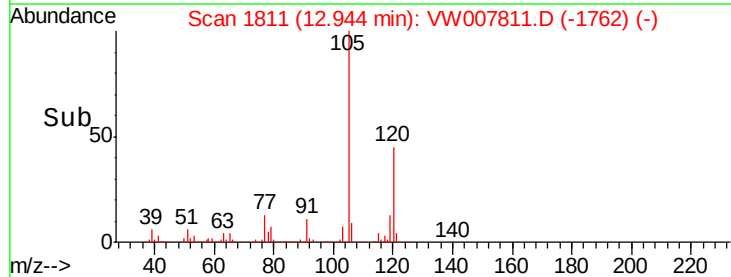
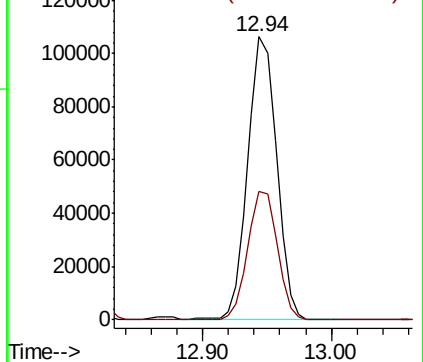
105 100

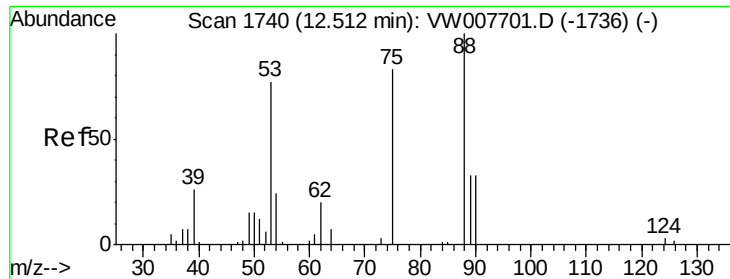
120 46.7 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

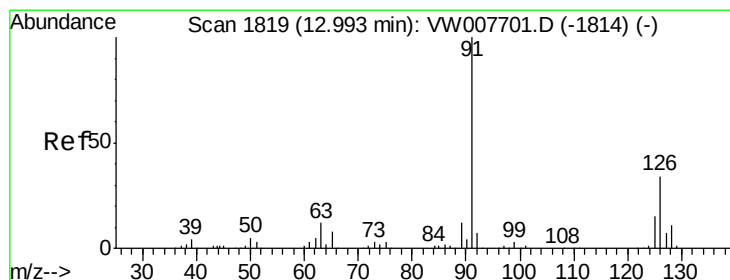
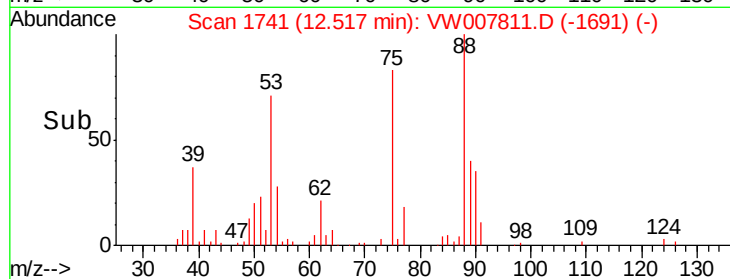
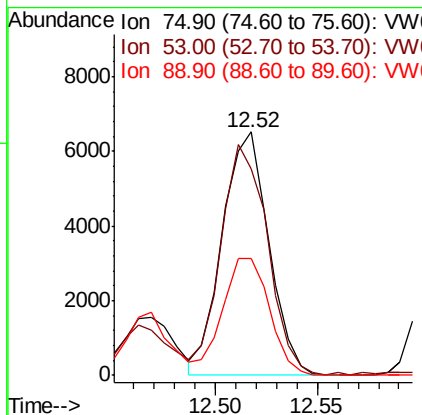
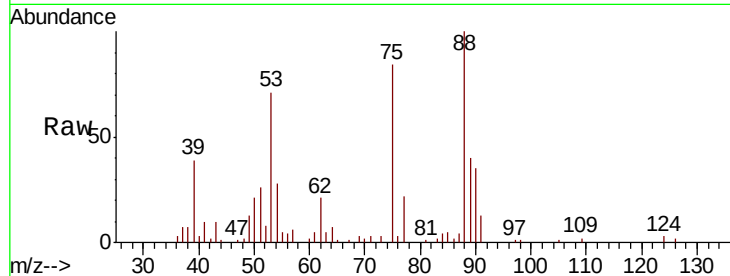




#81
trans-1,4-Dichloro-2-butene
Concen: 56.453 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

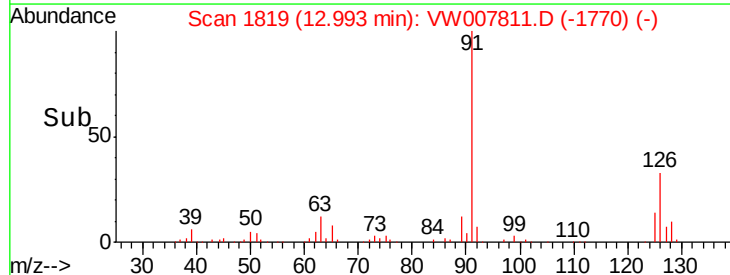
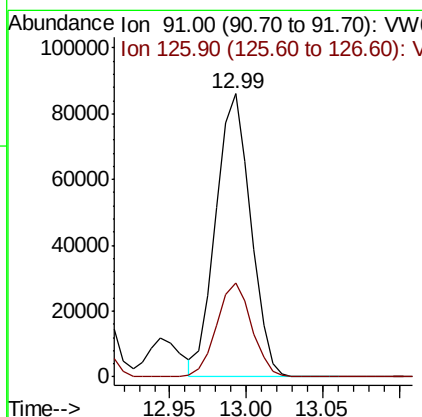
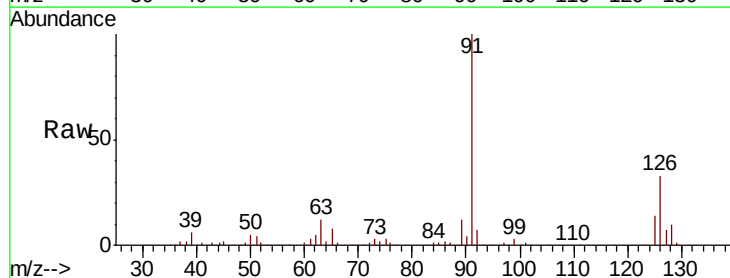
Instrument :
MSVOA_W
ClientSampled :

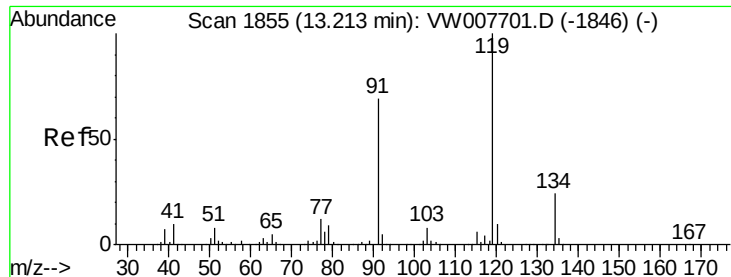
Tot Ion: 75 Resp: 10314
Ion Ratio Lower Upper
75 100
53 95.0 80.2 120.2
89 48.7 39.2 58.8



#82
4-Chlorotoluene
Concen: 50.358 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion: 91 Resp: 136373
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5

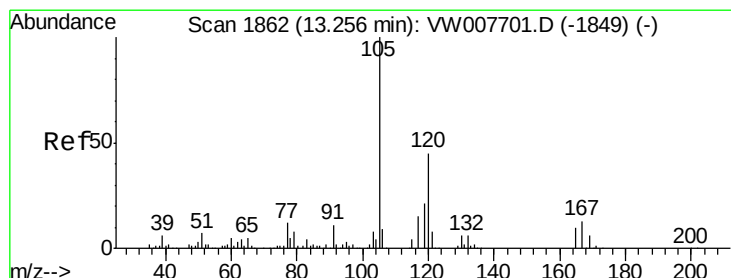
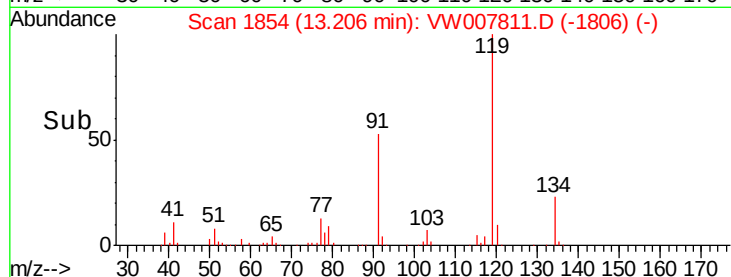
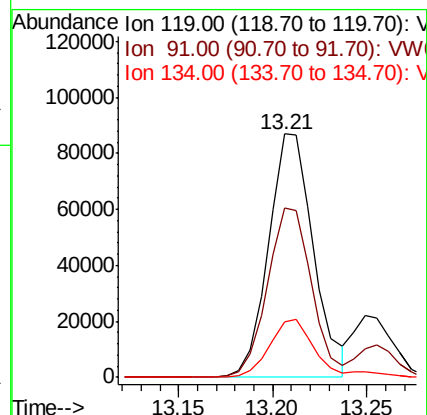
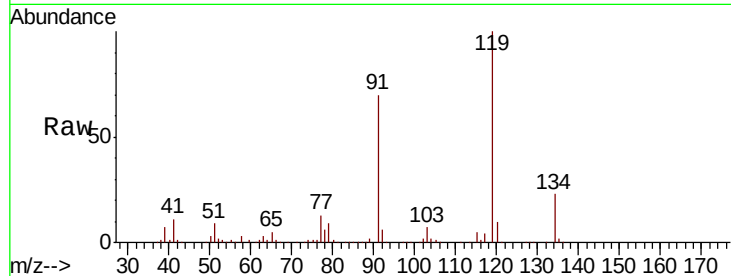




#83
tert-Butylbenzene
Concen: 50.613 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

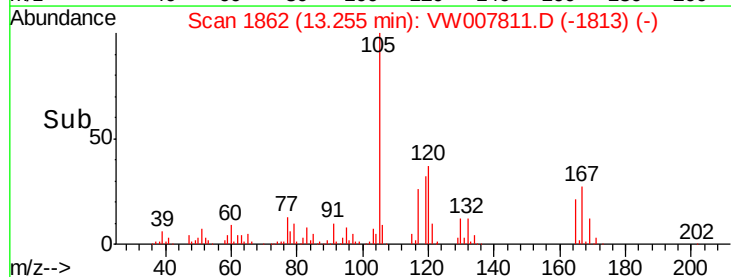
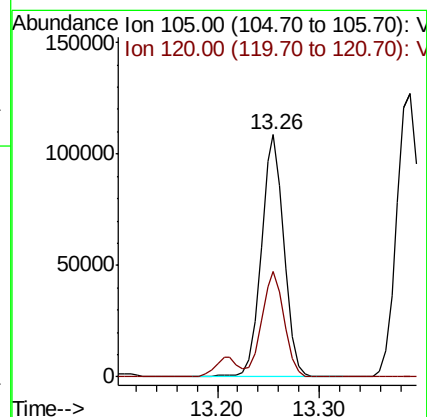
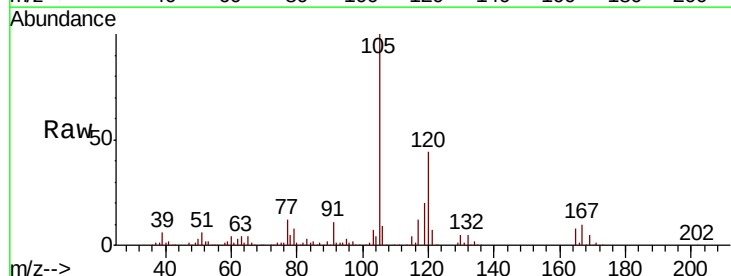
Instrument :
MSVOA_W
ClientSampled :

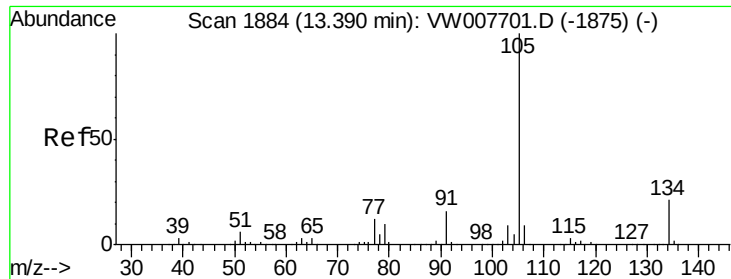
Tot Ion:119 Resp: 143669
Ion Ratio Lower Upper
119 100
91 68.5 34.2 102.5
134 24.7 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 51.654 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion:105 Resp: 168622
Ion Ratio Lower Upper
105 100
120 43.2 22.0 66.0

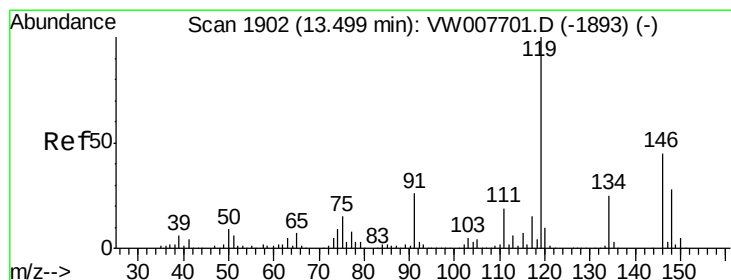
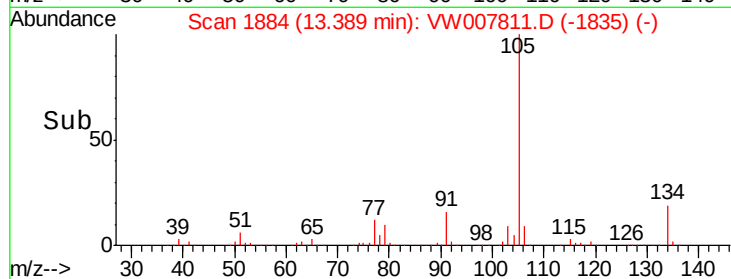
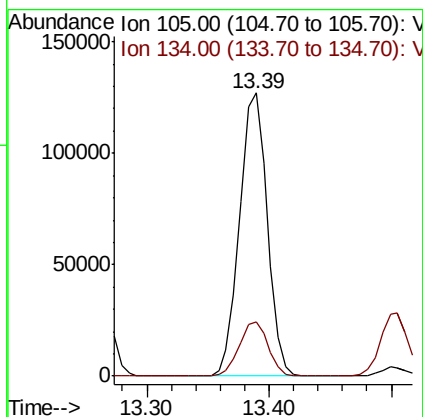
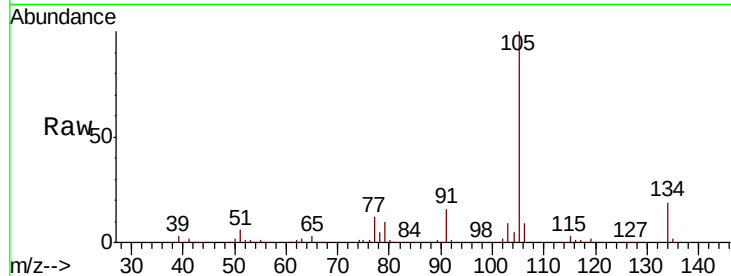




#85
 sec-Butylbenzene
 Concen: 51.036 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

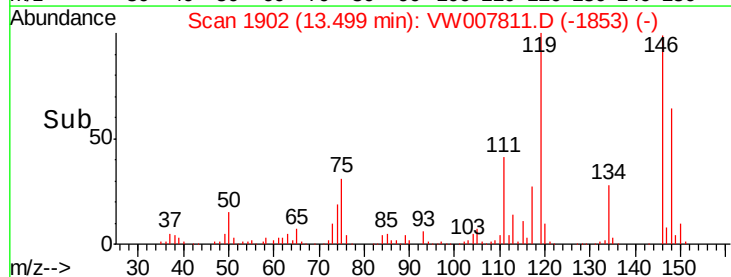
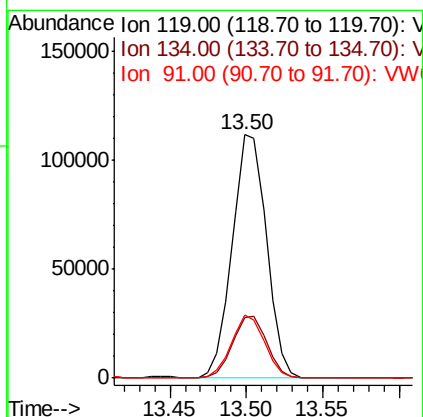
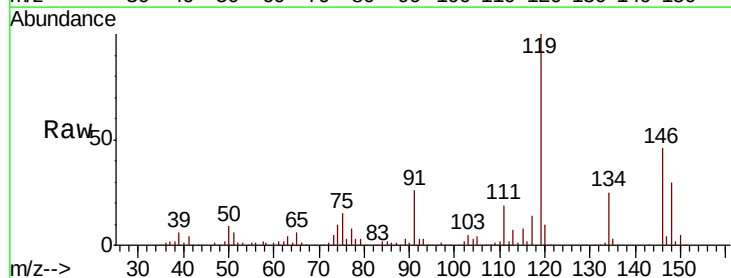
Instrument :
 MSVOA_W
 ClientSampled :

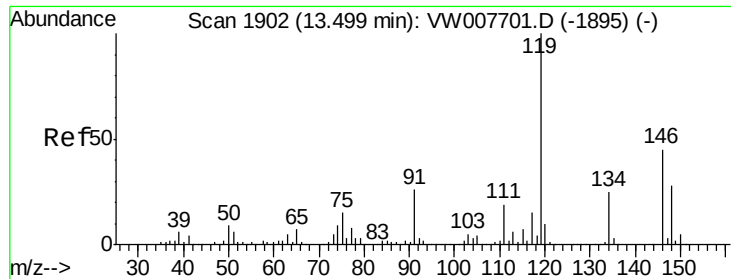
Tot Ion:105 Resp: 199657
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 48.801 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

Tgt Ion:119 Resp: 173601
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 25.2 12.8 38.4

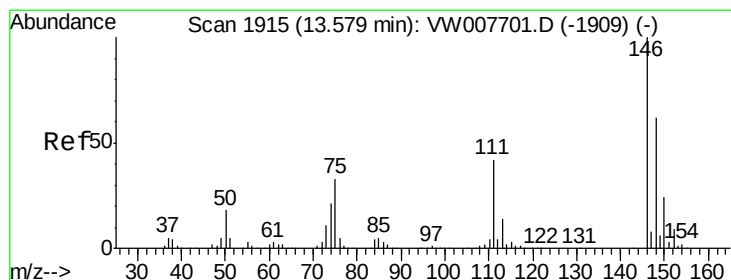
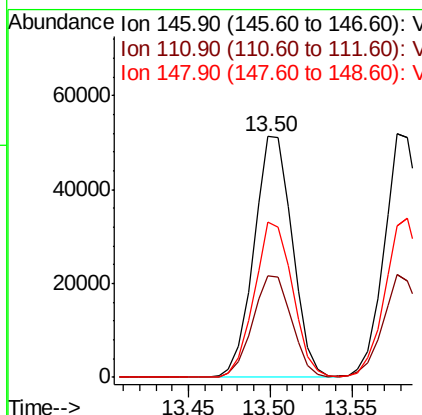
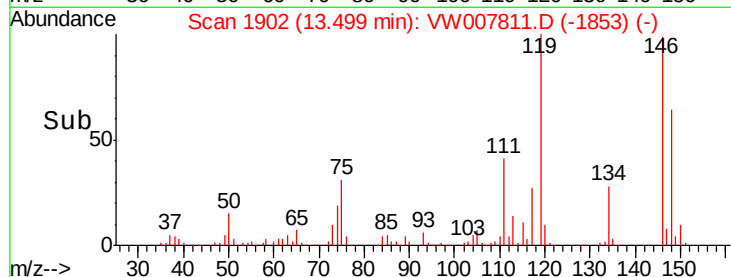
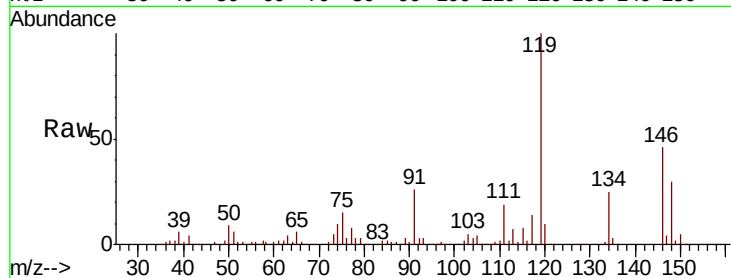




#87
 1,3-Dichlorobenzene
 Concen: 49.190 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

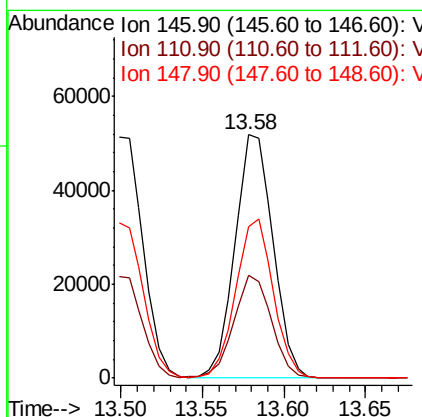
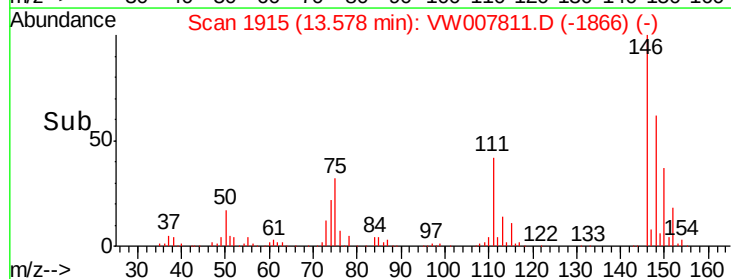
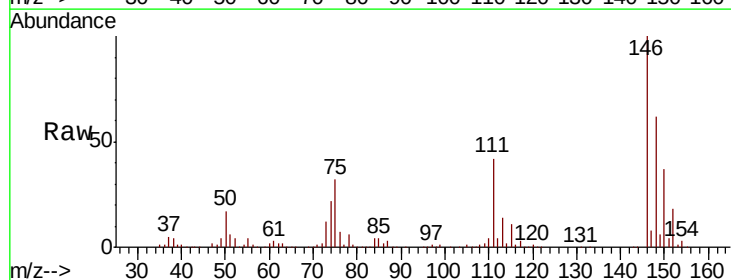
Instrument :
 MSVOA_W
 ClientSampleId :

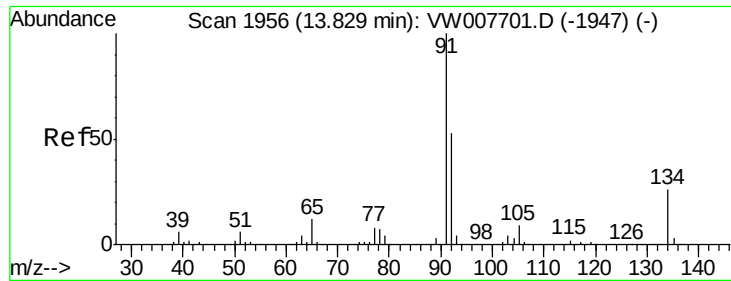
Tot Ion:146 Resp: 83948
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.1 63.4
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.426 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

Tgt Ion:146 Resp: 84375
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.0 63.0
 148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 48.002 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007811.D

Acq: 21 Dec 2018 22:26

Instrument :

MSVOA_W

ClientSampleId :

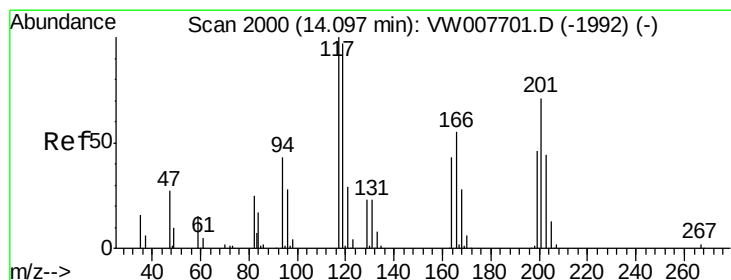
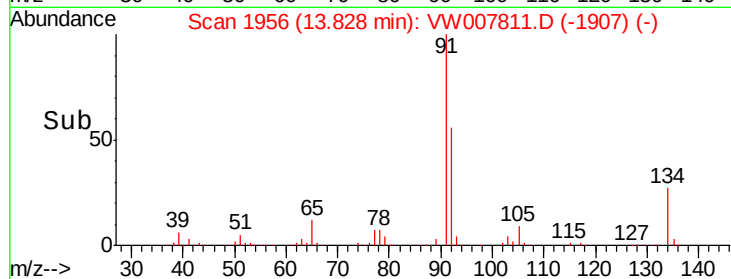
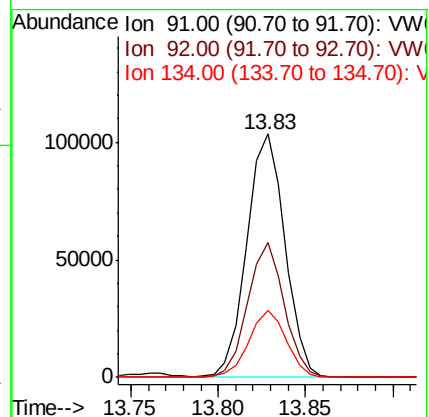
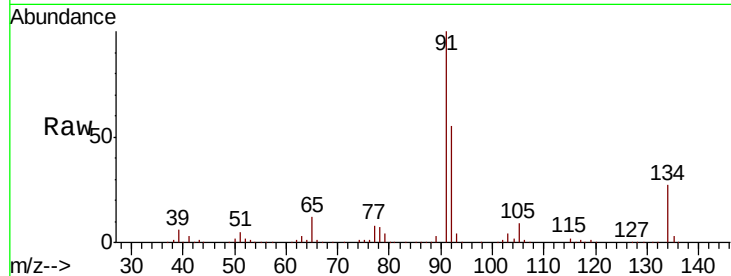
Tot Ion: 91 Resp: 156565

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

134 27.4 13.7 41.0



#90

Hexachloroethane

Concen: 46.363 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007811.D

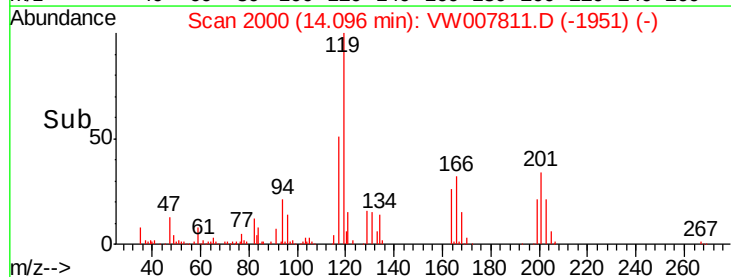
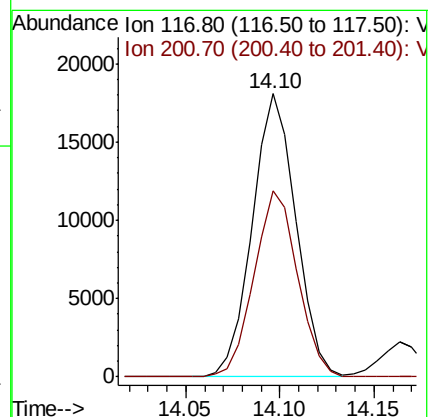
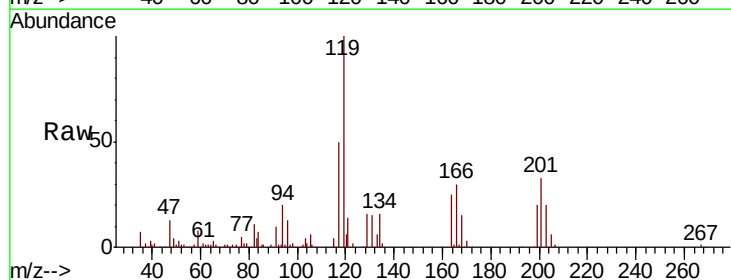
Acq: 21 Dec 2018 22:26

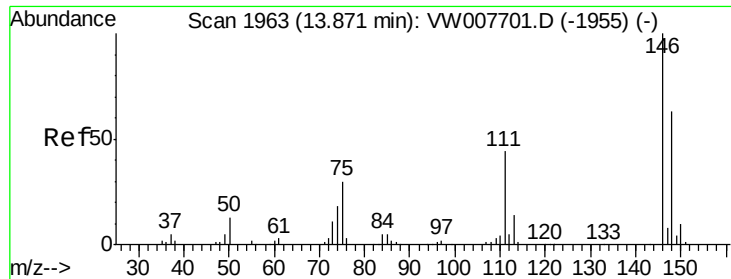
Tgt Ion: 117 Resp: 28955

Ion Ratio Lower Upper

117 100

201 65.6 36.2 108.6

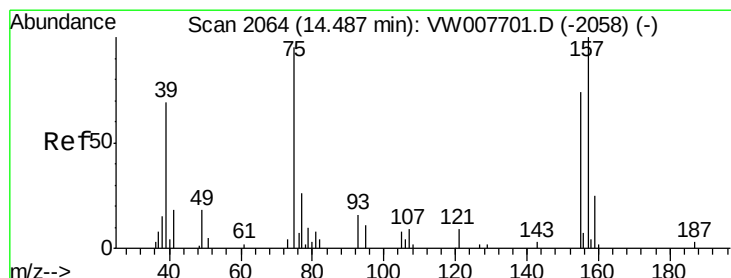
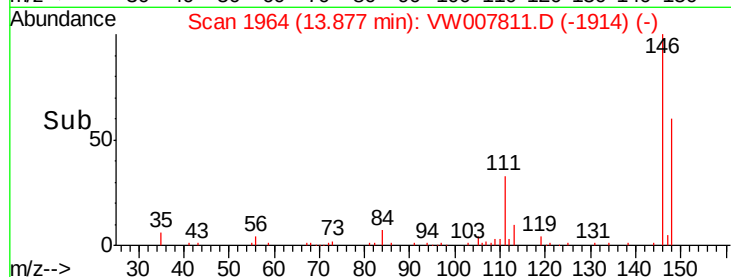
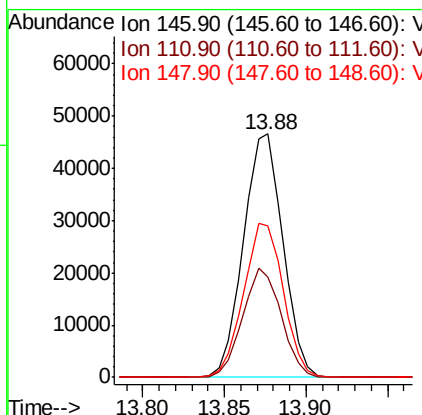
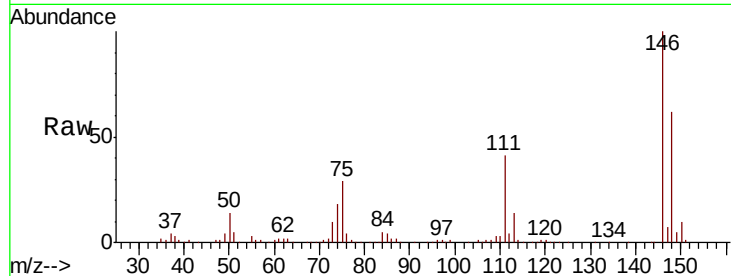




#91
 1,2-Dichlorobenzene
 Concen: 51.486 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

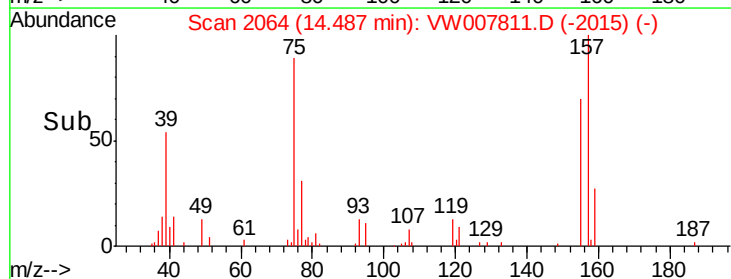
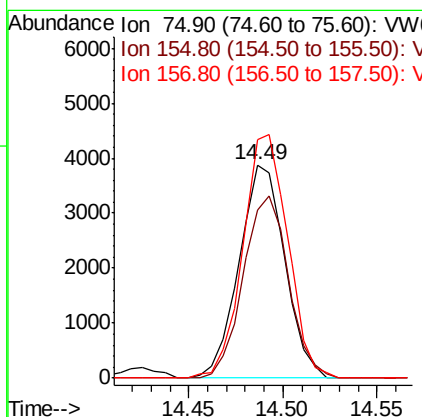
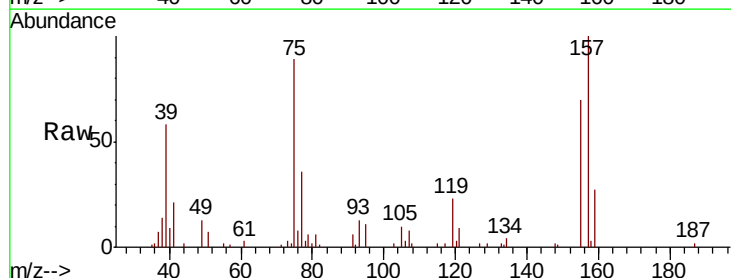
Instrument :
 MSVOA_W
 ClientSampleId :

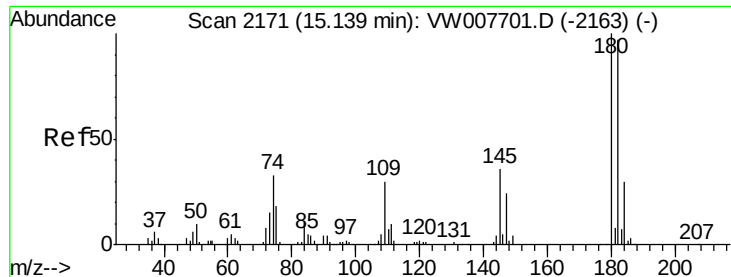
Tot Ion:146 Resp: 78670
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.7 65.1
 148 63.4 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.484 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007811.D
 Acq: 21 Dec 2018 22:26

Tgt Ion: 75 Resp: 6523
 Ion Ratio Lower Upper
 75 100
 155 84.3 39.4 118.1
 157 111.9 52.0 156.0

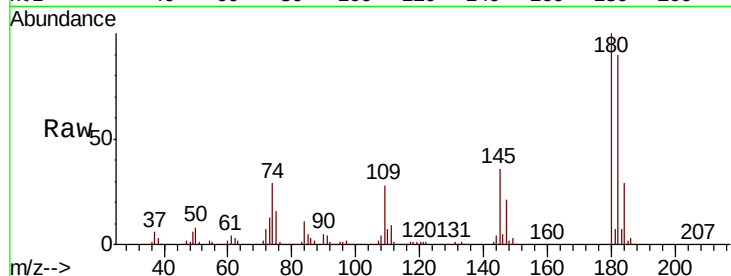




#93
1,2,4-Trichlorobenzene
Concen: 48.309 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.5	142.6
145	37.1	17.5	52.5

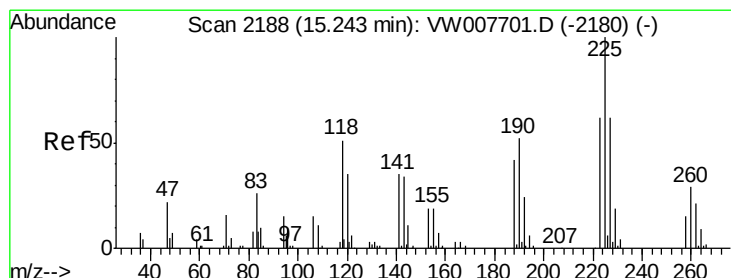
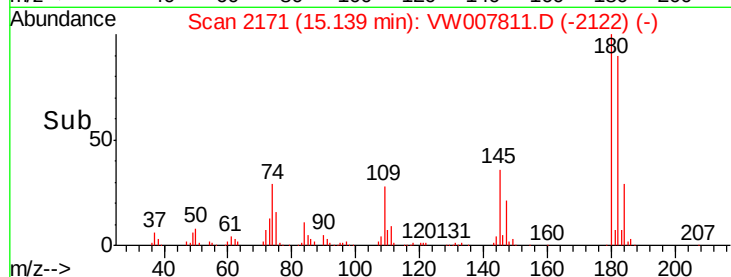
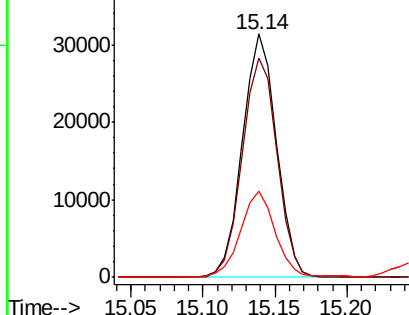


Abundance

Ion 179.80 (179.50 to 180.50): V

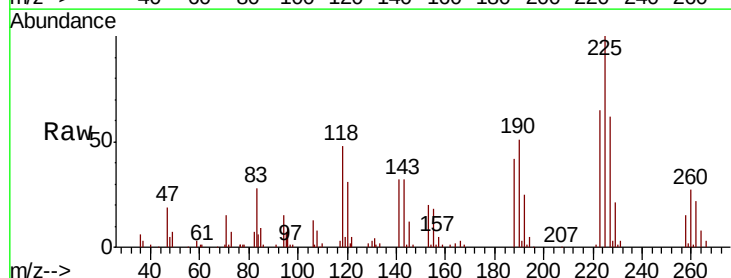
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 44.954 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.6	94.8
227	62.4	32.1	96.3

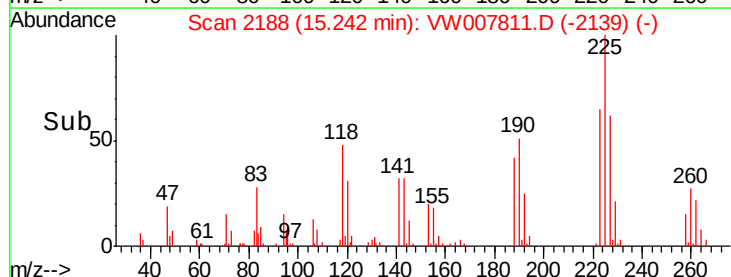
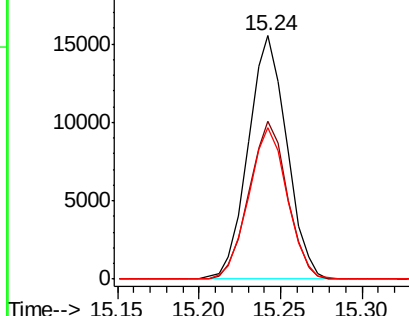


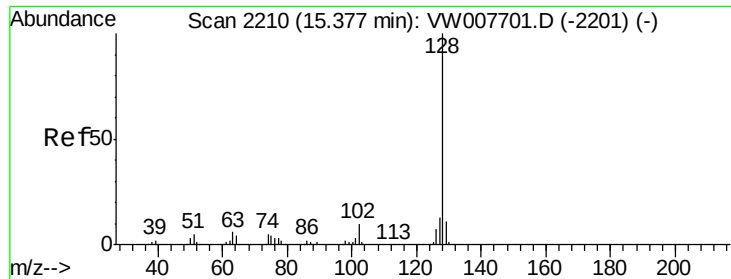
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

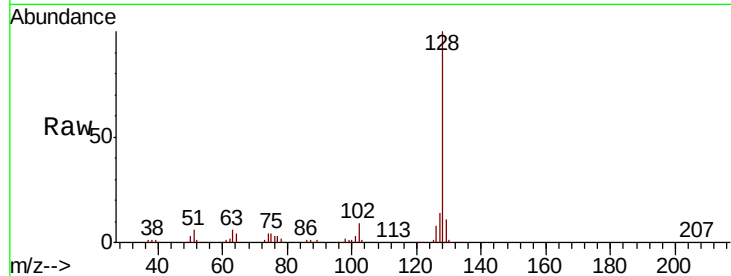




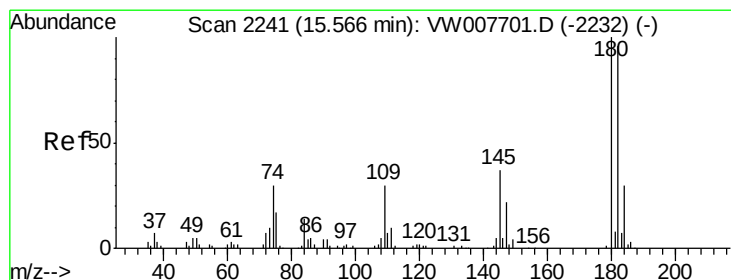
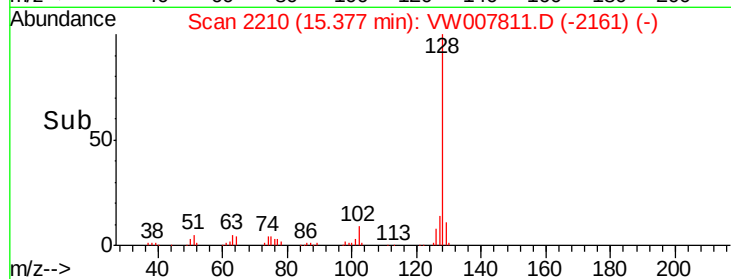
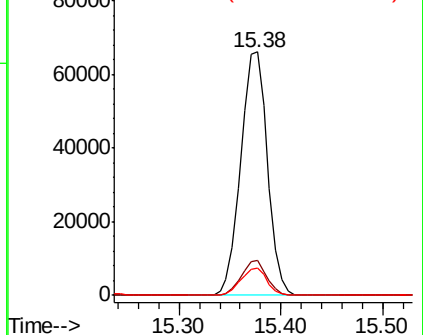
#95
Naphthalene
Concen: 61.291 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 120190
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.0 8.8 13.2

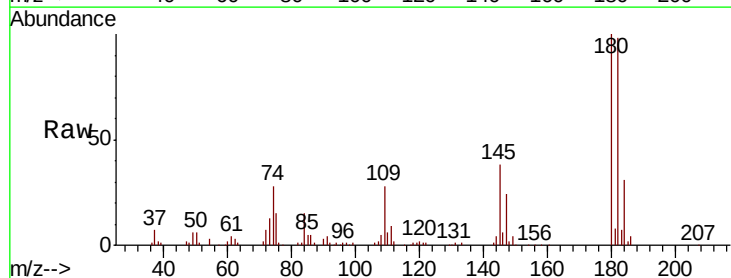


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.922 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007811.D
Acq: 21 Dec 2018 22:26

Tgt Ion:180 Resp: 46233
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.2
145 40.0 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

