

Data File : VW007910.D
Acq On : 25 Dec 2018 01:48
Operator : SY/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Quant Time: Dec 25 03:46:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 25 03:37:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	76734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	132442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	118978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56166	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	137830	159.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	318.54%	
35) Dibromofluoromethane	7.88	113	123363	151.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.80%	
50) Toluene-d8	10.32	98	470960	152.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.88%	
62) 4-Bromofluorobenzene	12.62	95	179018	150.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	86873	128.778	ug/l	98
3) Chloromethane	2.22	50	80546	181.804	ug/l	97
4) Vinyl Chloride	2.37	62	92446	165.190	ug/l	99
5) Bromomethane	2.78	94	56965	147.442	ug/l	95
6) Chloroethane	2.92	64	49283	163.705	ug/l	95
7) Trichlorofluoromethane	3.25	101	78902	143.932	ug/l	96
8) Diethyl Ether	3.68	74	57193	164.112	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	110281	134.547	ug/l	99
10) Methyl Iodide	4.26	142	185383	141.704	ug/l	100
11) Tert butyl alcohol	5.18	59	47918	812.762	ug/l	98
12) 1,1-Dichloroethene	4.04	96	109662	143.893	ug/l	95
13) Acrolein	3.89	56	25246	567.571	ug/l	100
14) Allyl chloride	4.66	41	167905	162.895	ug/l	99
15) Acrylonitrile	5.37	53	122123	807.456	ug/l	99
16) Acetone	4.12	43	107588	681.846	ug/l	100
17) Carbon Disulfide	4.37	76	316663	135.833	ug/l	99
18) Methyl Acetate	4.67	43	72626	181.526	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	180973	159.421	ug/l	97
20) Methylene Chloride	4.91	84	120973	123.073	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	119153	141.656	ug/l	99
22) Diisopropyl ether	6.31	45	322554	166.215	ug/l	98
23) Vinyl Acetate	6.26	43	936331	820.630	ug/l	99
24) 1,1-Dichloroethane	6.21	63	211395	150.879	ug/l	99
25) 2-Butanone	7.17	43	149511	780.669	ug/l	100
26) 2,2-Dichloropropane	7.16	77	131404	130.597	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	134547	148.988	ug/l	99
28) Bromochloromethane	7.51	49	79871	166.042	ug/l #	98
29) Tetrahydrofuran	7.52	42	101290	875.362	ug/l	99
30) Chloroform	7.68	83	232657	148.372	ug/l	99
31) Cyclohexane	7.95	56	177544	139.215	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	198371	140.079	ug/l	98
36) 1,1-Dichloropropene	8.08	75	172338	135.239	ug/l	100
37) Ethyl Acetate	7.26	43	68376	151.201	ug/l	98
38) Carbon Tetrachloride	8.07	117	186404	126.341	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	210428	132.714	ug/l	98
40) Benzene	8.32	78	483013	140.748	ug/l	99
41) Methacrylonitrile	7.48	41	42570	160.732	ug/l	92
42) 1,2-Dichloroethane	8.40	62	159659	139.315	ug/l	100
43) Isopropyl Acetate	8.43	43	145142	159.940	ug/l	99
44) Trichloroethene	9.09	130	136346	132.859	ug/l	98
45) 1,2-Dichloropropane	9.37	63	115983	150.873	ug/l	98
46) Dibromomethane	9.46	93	66269	142.139	ug/l	99
47) Bromodichloromethane	9.65	83	173616	141.805	ug/l	99
48) Methyl methacrylate	9.44	41	74133	163.139	ug/l	99
49) 1,4-Dioxane	9.45	88	23307	3122.931	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	339115	785.824	ug/l	99
52) Toluene	10.39	92	318704	138.847	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	178156	145.340	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	196325	144.999	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	92864	142.997	ug/l	98
56) Ethyl methacrylate	10.65	69	122436	159.081	ug/l	97
57) 1,3-Dichloropropane	10.93	76	158500	146.350	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	287267	811.070	ug/l	100
59) 2-Hexanone	10.97	43	236977	784.005	ug/l	99
60) Dibromochloromethane	11.13	129	117985	139.539	ug/l	98
61) 1,2-Dibromoethane	11.24	107	94027	143.269	ug/l	98
64) Tetrachloroethene	10.87	164	115267	136.591	ug/l	98
65) Chlorobenzene	11.66	112	358243	138.659	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	127910	139.407	ug/l	98
67) Ethyl Benzene	11.73	91	631717	142.081	ug/l	99
68) m/p-Xylenes	11.84	106	478140	278.364	ug/l	99
69) o-Xylene	12.17	106	228399	141.545	ug/l	99
70) Styrene	12.18	104	378201	142.468	ug/l	100
71) Bromoform	12.35	173	64642	138.154	ug/l #	98
73) Isopropylbenzene	12.47	105	636508	148.812	ug/l	99
74) N-amyl acetate	12.27	43	132789	173.666	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	101850	156.713	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	141821	317.680	ug/l #	1
77) Bromobenzene	12.75	156	142514	145.689	ug/l	99
78) n-propylbenzene	12.81	91	735748	147.680	ug/l	100
79) 2-Chlorotoluene	12.90	91	435883	149.430	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	540237	146.414	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33005	158.930	ug/l	97
82) 4-Chlorotoluene	12.99	91	459708	148.699	ug/l	99
83) tert-Butylbenzene	13.21	119	468551	144.750	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	541514	145.362	ug/l	98
85) sec-Butylbenzene	13.39	105	643834	144.490	ug/l	100
86) p-Isopropyltoluene	13.51	119	574840	142.147	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	272353	140.003	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	273707	141.133	ug/l	100
89) n-Butylbenzene	13.83	91	526368	141.864	ug/l	100
90) Hexachloroethane	14.10	117	98949	141.241	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	245496	141.053	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19672	148.791	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122618\
Quantitation Report (Not Reviewed)

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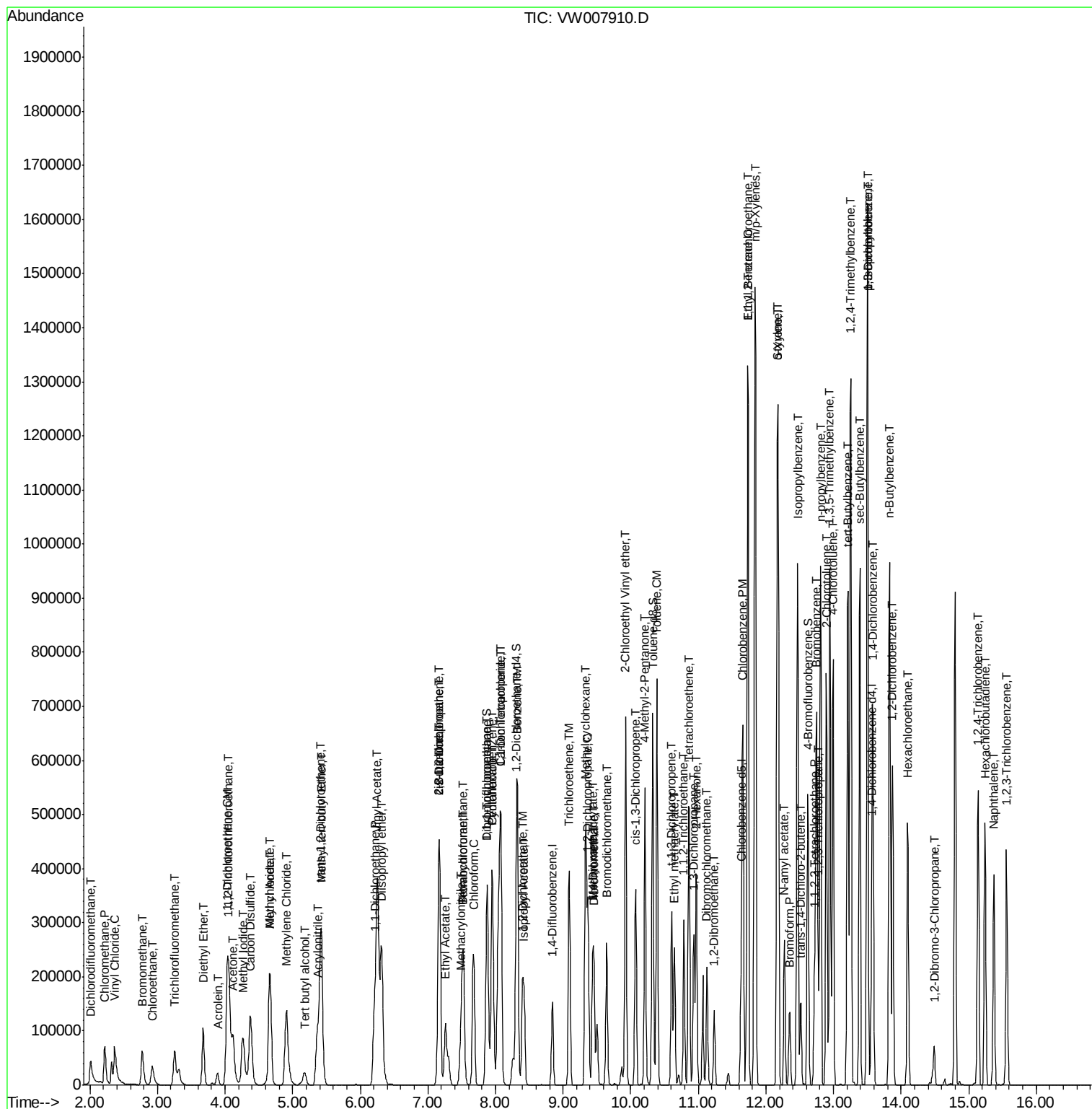
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	166651	138.619	ug/l	99
94) Hexachlorobutadiene	15.24	225	85637	133.550	ug/l	97
95) Naphthalene	15.38	128	349497	155.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	148970	144.070	ug/l	100

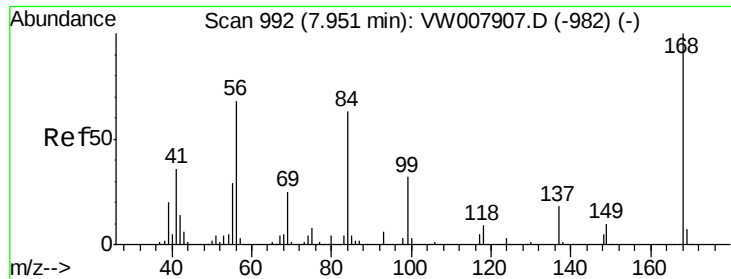
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Instrument :
MSVOA_W
Client Sampled :
VSTDICC150

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

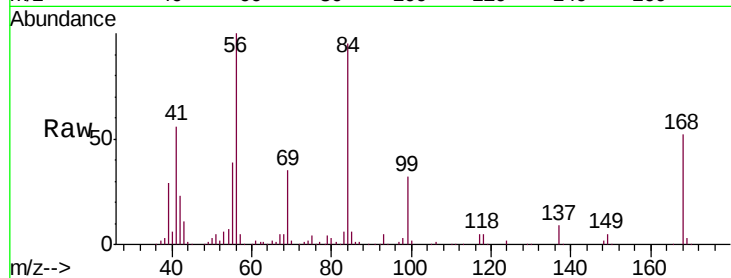
VSTDIC150

Tgt Ion: 168 Resp: 76734

Ion Ratio Lower Upper

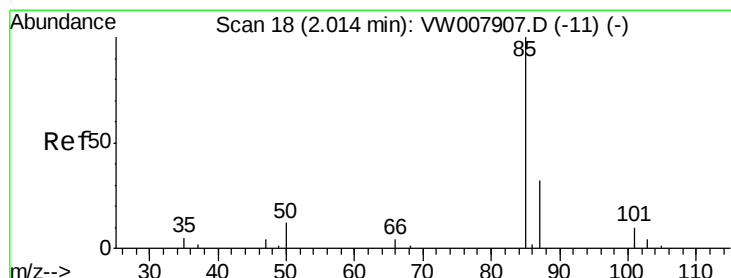
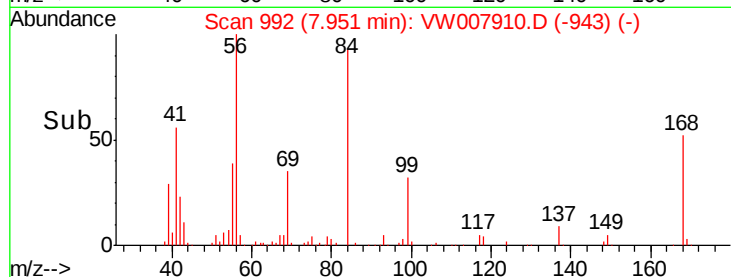
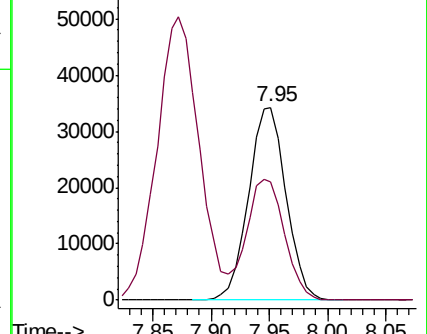
168 100

99 61.6 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 128.778 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW007910.D

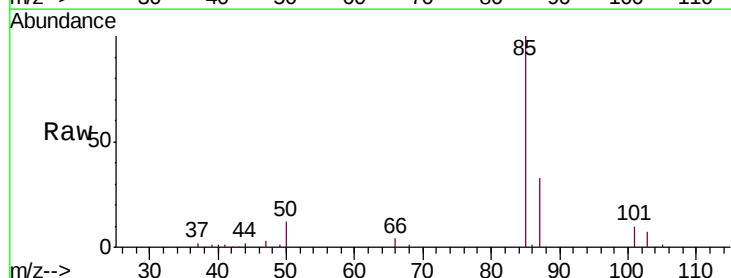
Acq: 25 Dec 2018 01:48

Tgt Ion: 85 Resp: 86873

Ion Ratio Lower Upper

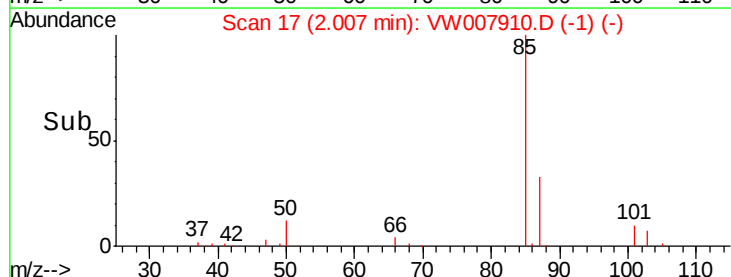
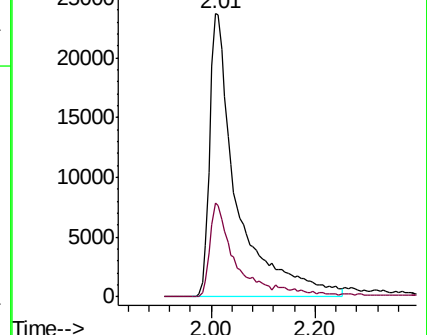
85 100

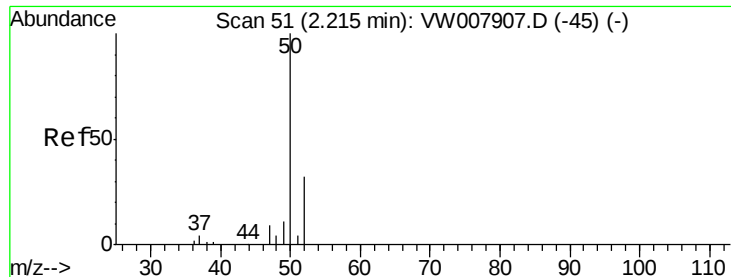
87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 181.804 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

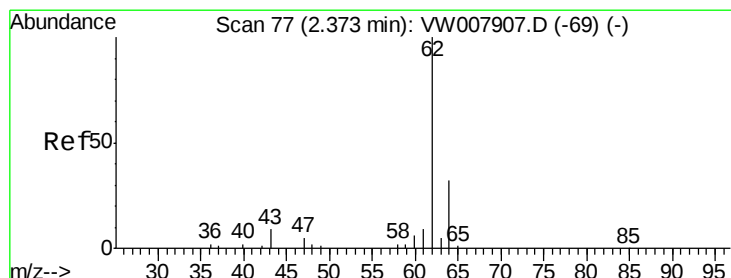
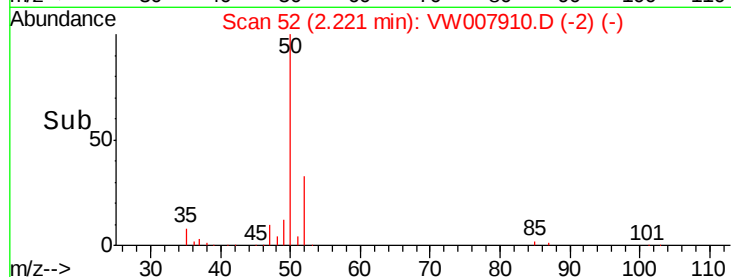
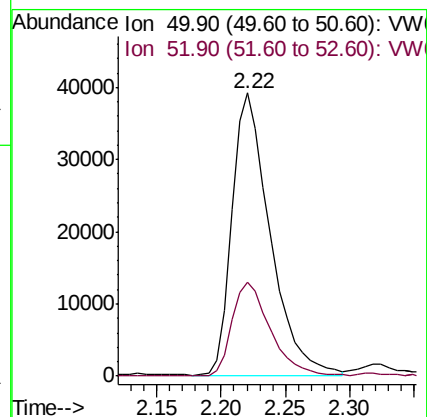
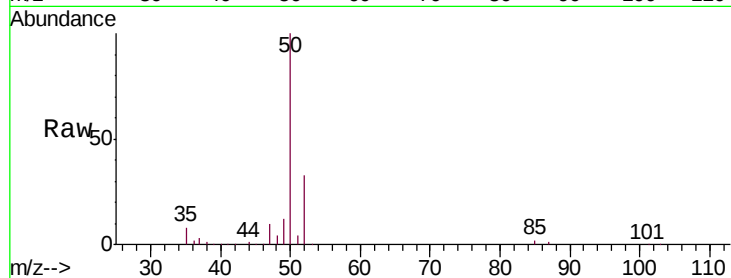
VSTDIC150

Tgt Ion: 50 Resp: 80546

Ion Ratio Lower Upper

50 100

52 33.5 25.6 38.4



#4

Vinyl Chloride

Concen: 165.190 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW007910.D

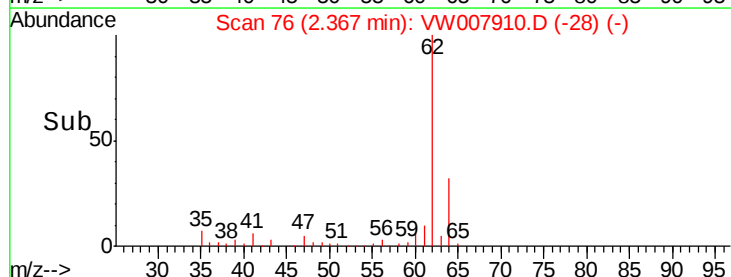
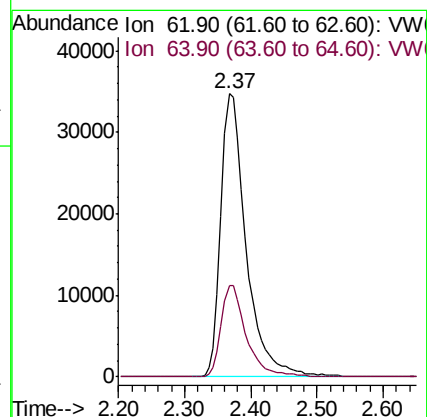
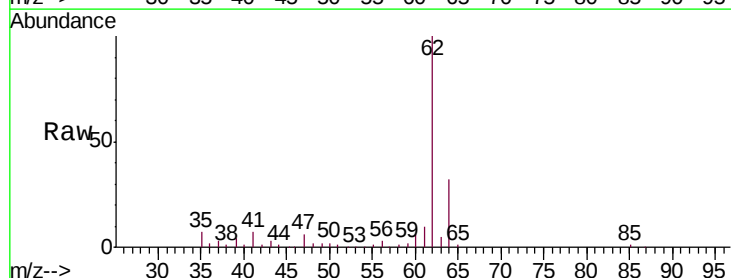
Acq: 25 Dec 2018 01:48

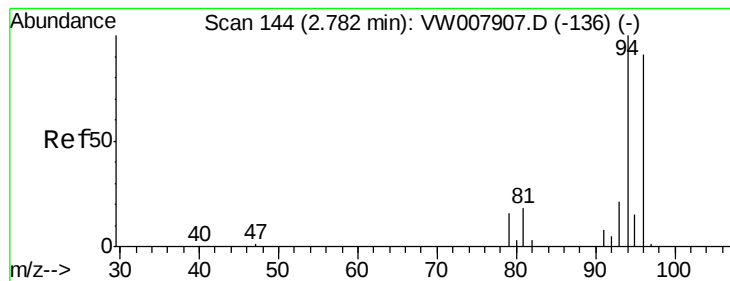
Tgt Ion: 62 Resp: 92446

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9





#5

Bromomethane

Concen: 147.442 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

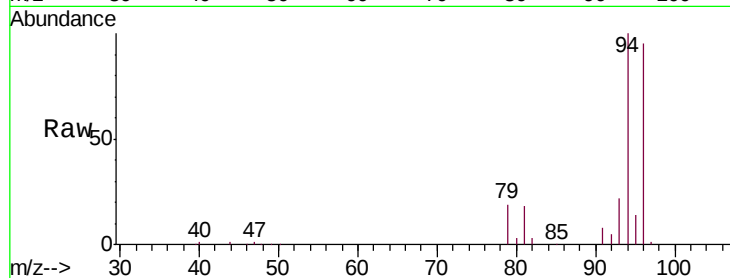
VSTDIC150

Tgt Ion: 94 Resp: 56965

Ion Ratio Lower Upper

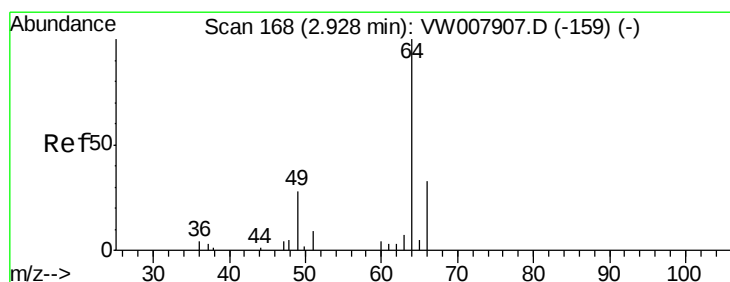
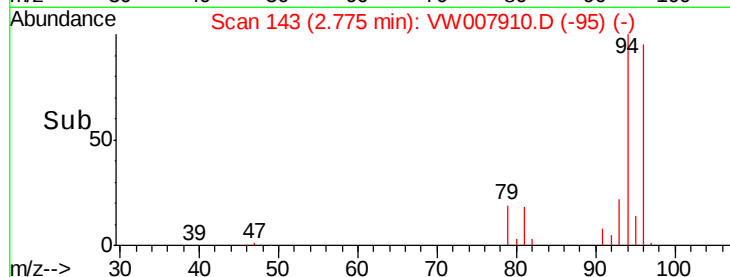
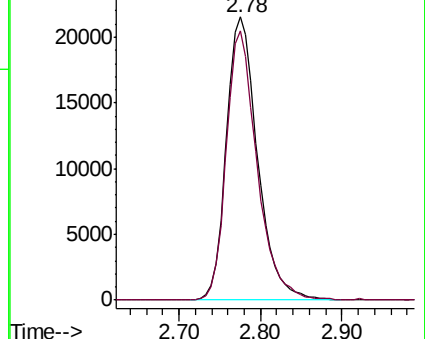
94 100

96 95.3 72.7 109.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 163.705 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW007910.D

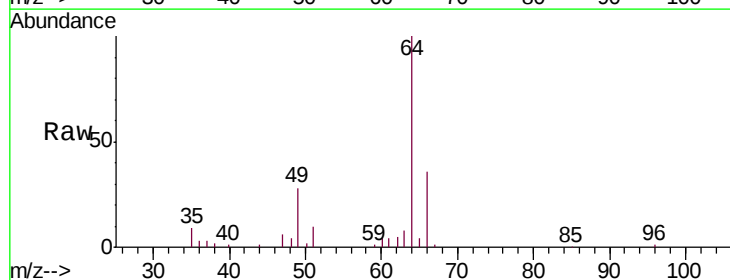
Acq: 25 Dec 2018 01:48

Tgt Ion: 64 Resp: 49283

Ion Ratio Lower Upper

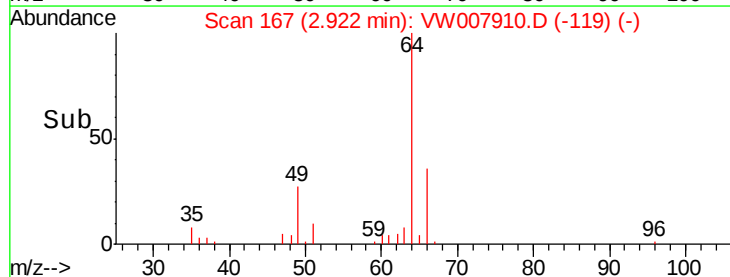
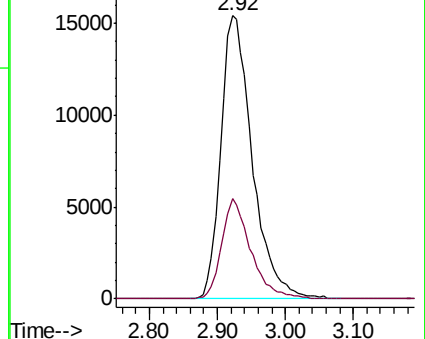
64 100

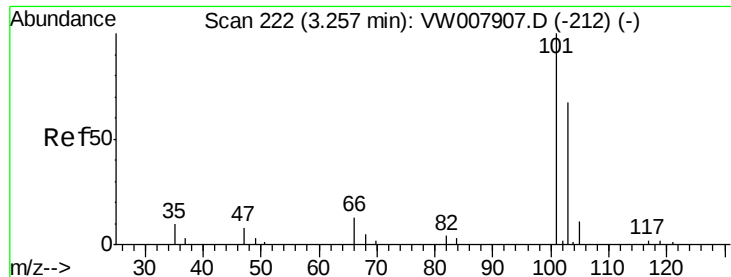
66 35.5 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



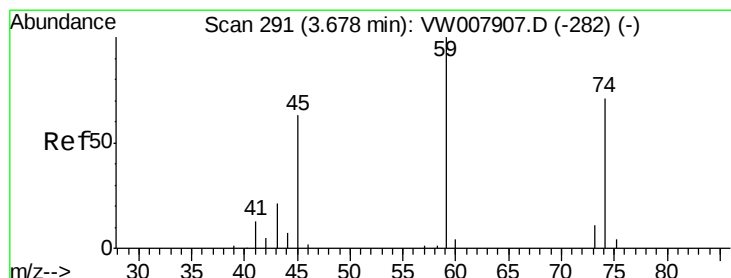
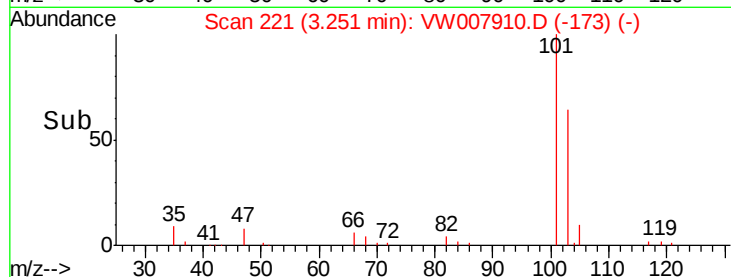
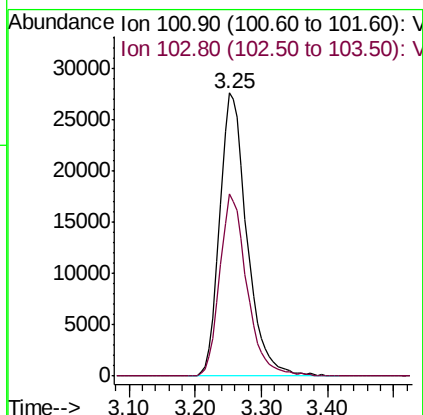
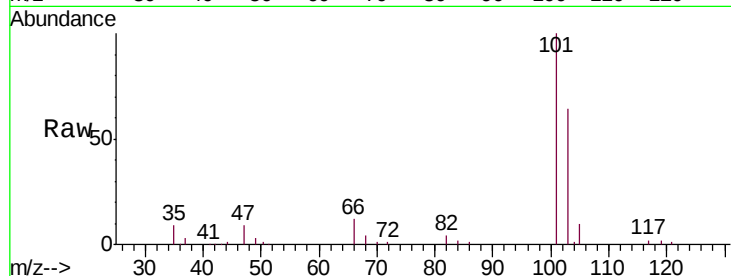


#7

Trichlorofluoromethane
 Concen: 143.932 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

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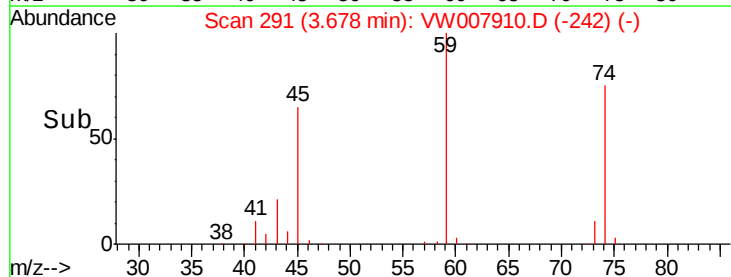
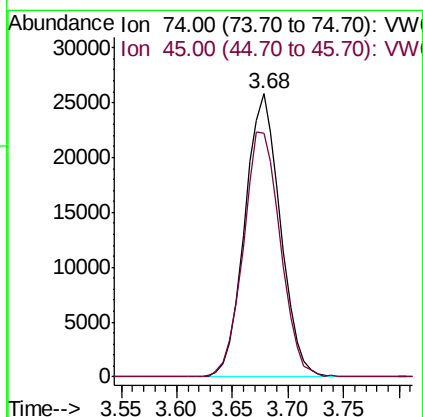
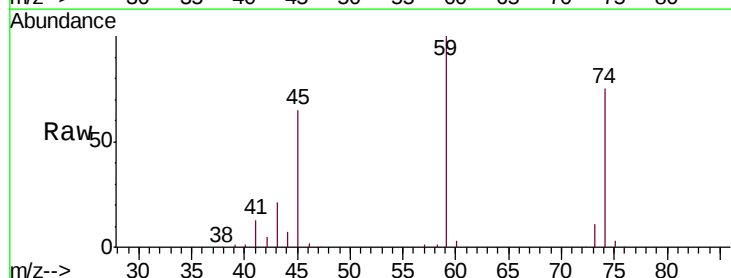
Tgt Ion: 101 Resp: 78902
 Ion Ratio Lower Upper
 101 100
 103 64.2 53.8 80.8

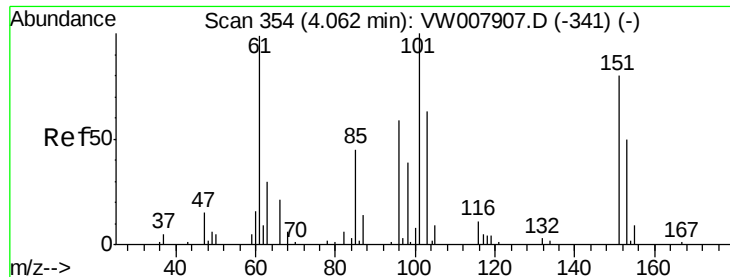


#8

Diethyl Ether
 Concen: 164.112 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

Tgt Ion: 74 Resp: 57193
 Ion Ratio Lower Upper
 74 100
 45 90.3 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 134.547 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

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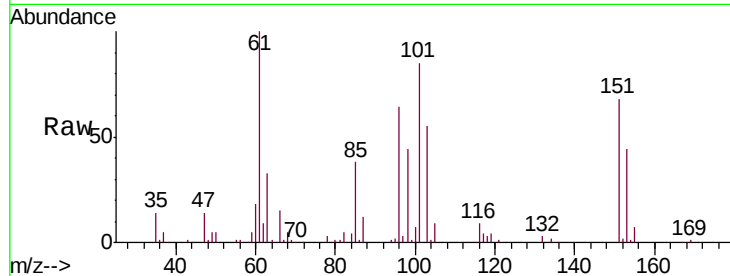
Tgt Ion:101 Resp: 110281

Ion Ratio Lower Upper

101 100

85 44.8 35.8 53.6

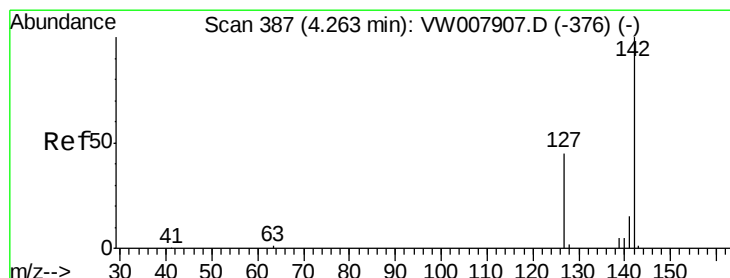
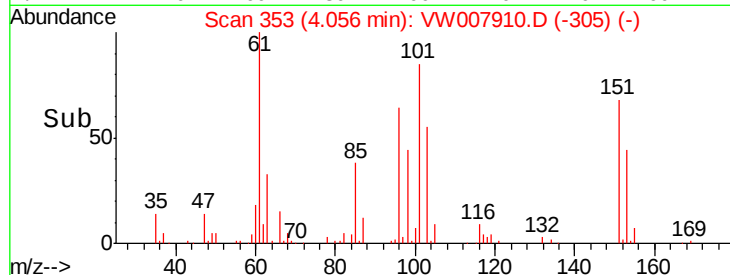
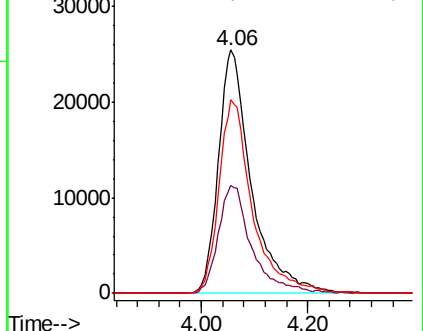
151 80.8 63.2 94.8



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: 141.704 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

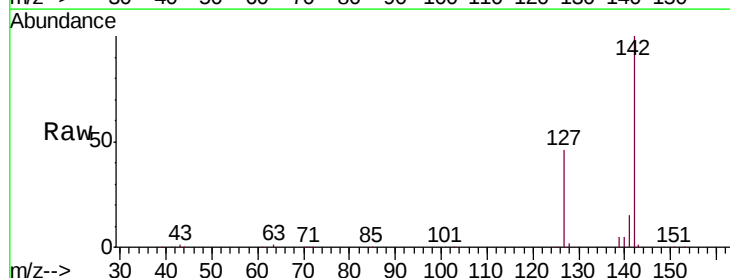
Tgt Ion:142 Resp: 185383

Ion Ratio Lower Upper

142 100

127 45.4 36.2 54.4

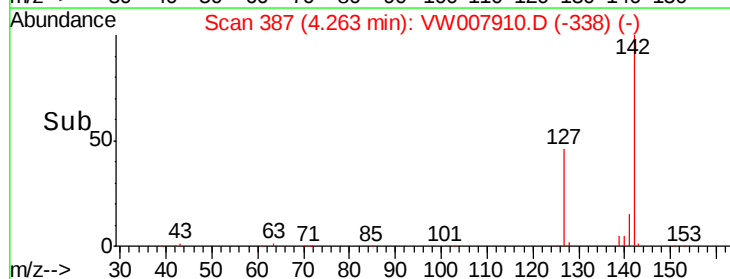
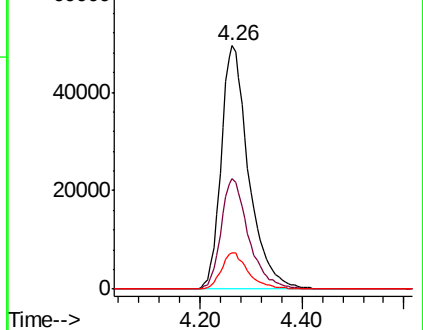
141 14.6 11.6 17.4

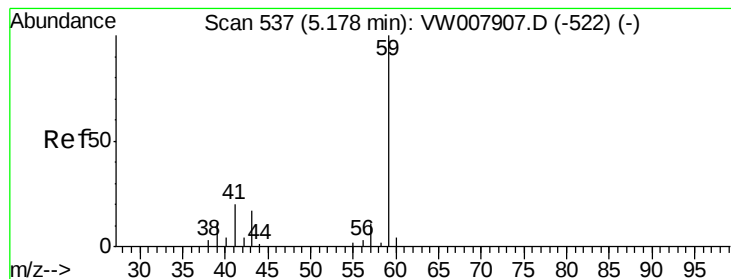


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



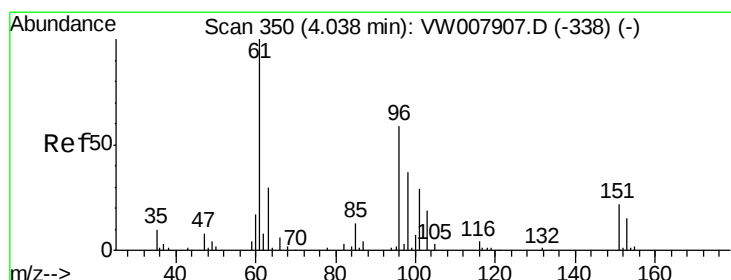
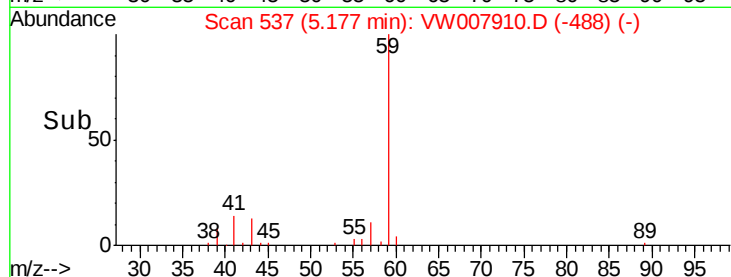
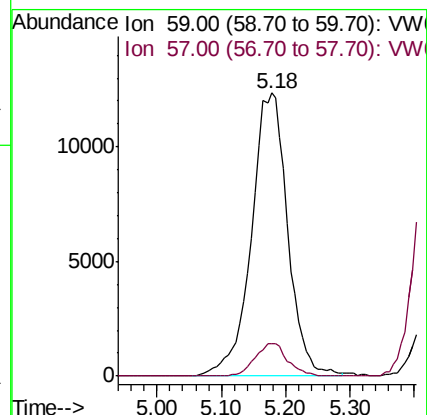
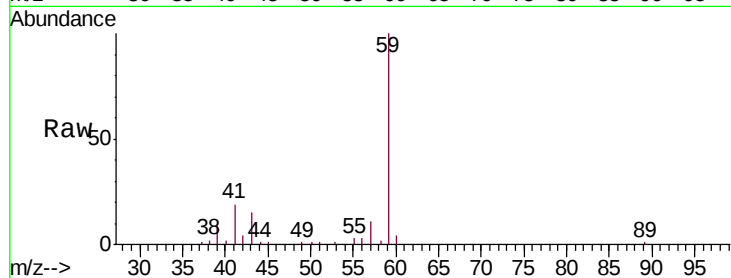


#11

Tert butyl alcohol
 Concen: 812.762 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

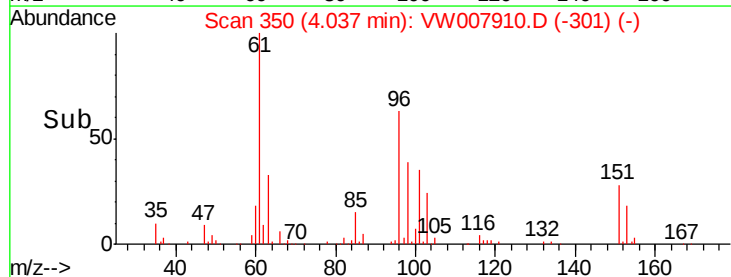
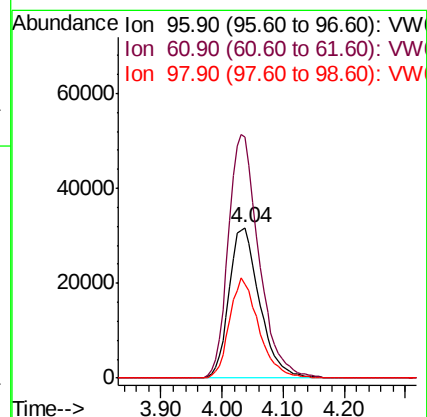
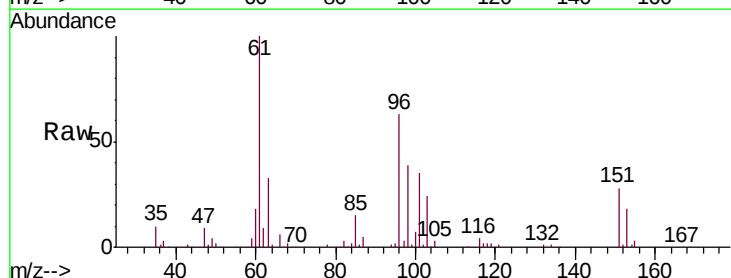
Tgt Ion: 59 Resp: 47918
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.8 11.6

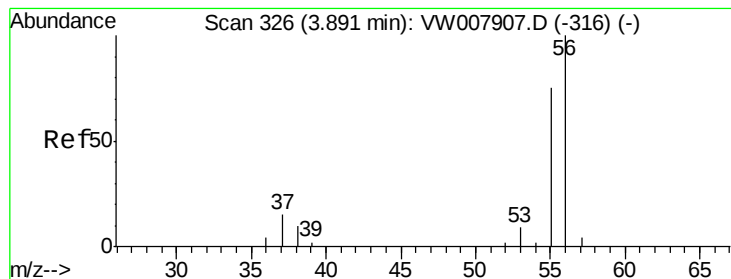


#12

1,1-Dichloroethene
 Concen: 143.893 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

Tgt Ion: 96 Resp: 109662
 Ion Ratio Lower Upper
 96 100
 61 159.9 134.5 201.7
 98 62.0 50.2 75.2





#13

Acrolein

Concen: 567.571 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

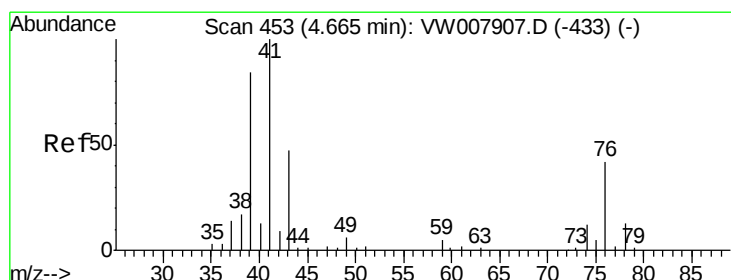
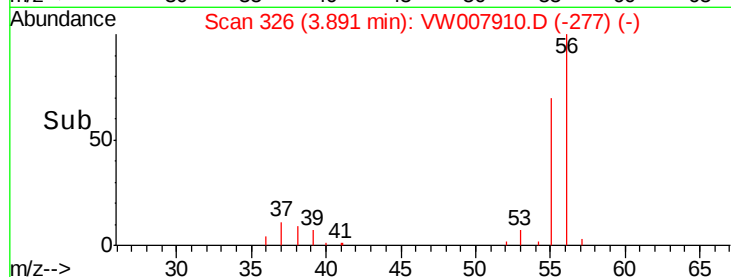
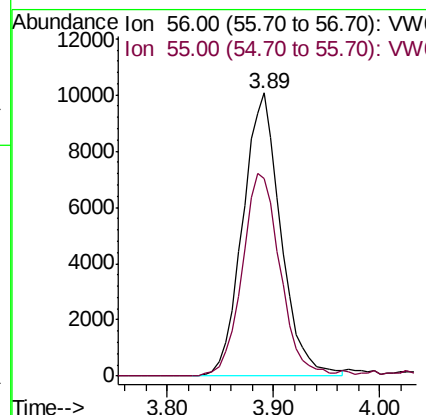
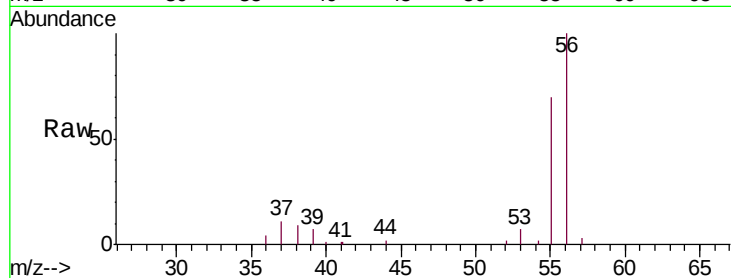
VSTDIC150

Tgt Ion: 56 Resp: 25246

Ion Ratio Lower Upper

56 100

55 71.4 57.0 85.6



#14

Allyl chloride

Concen: 162.895 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

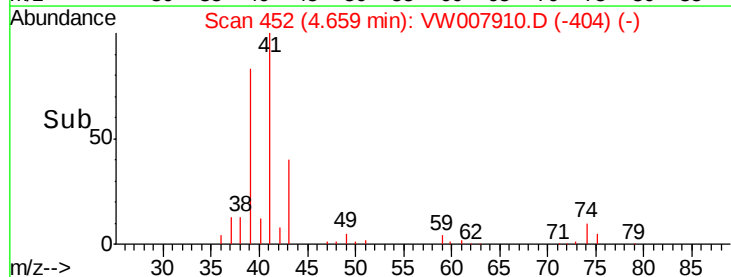
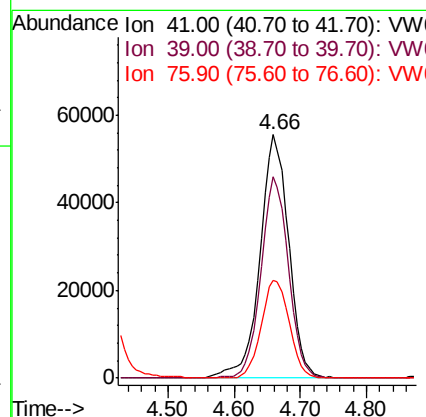
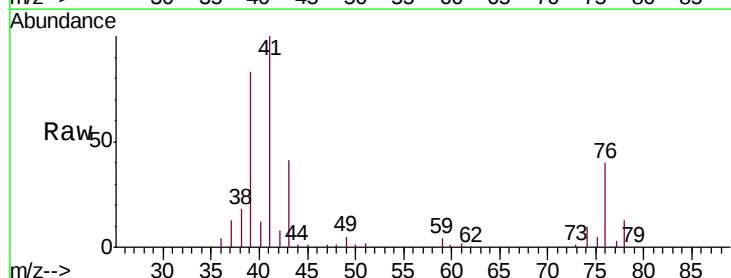
Tgt Ion: 41 Resp: 167905

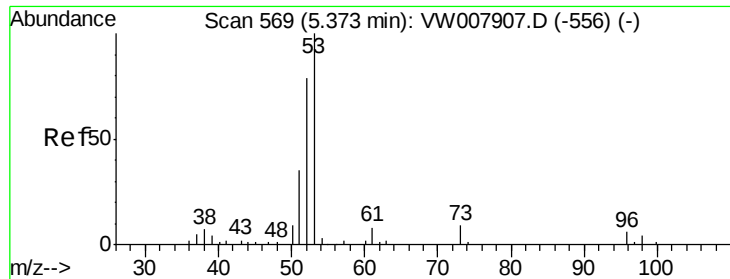
Ion Ratio Lower Upper

41 100

39 79.1 62.6 93.8

76 39.3 31.1 46.7





#15

Acrylonitrile

Concen: 807.456 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

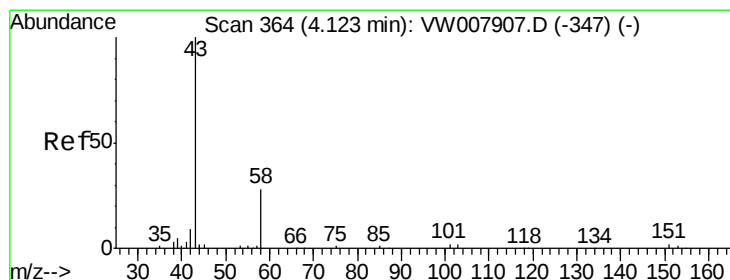
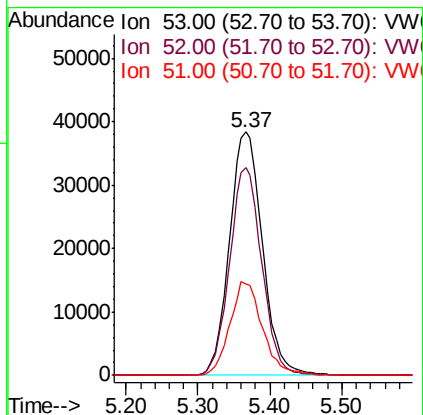
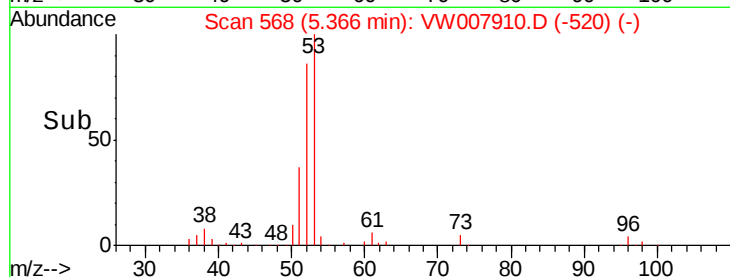
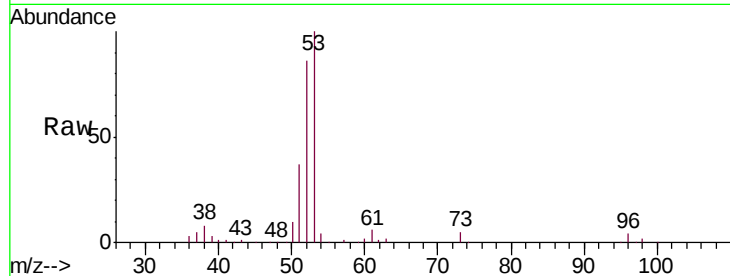
Tgt Ion: 53 Resp: 122123

Ion Ratio Lower Upper

53 100

52 83.4 65.2 97.8

51 38.2 30.6 45.8



#16

Acetone

Concen: 681.846 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007910.D

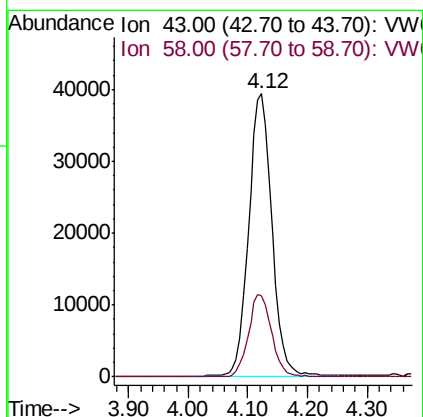
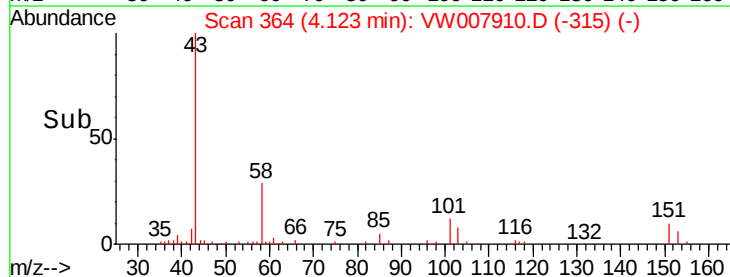
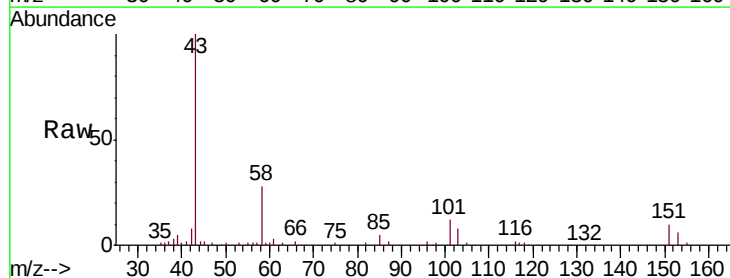
Acq: 25 Dec 2018 01:48

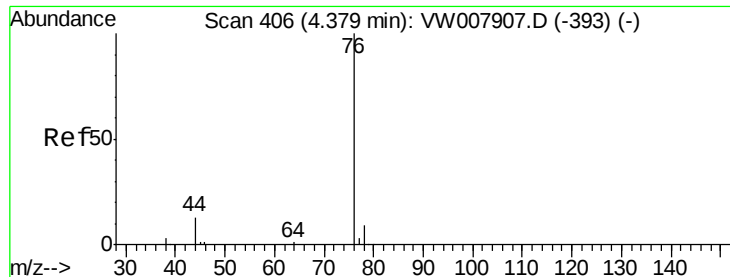
Tgt Ion: 43 Resp: 107588

Ion Ratio Lower Upper

43 100

58 28.5 22.8 34.2

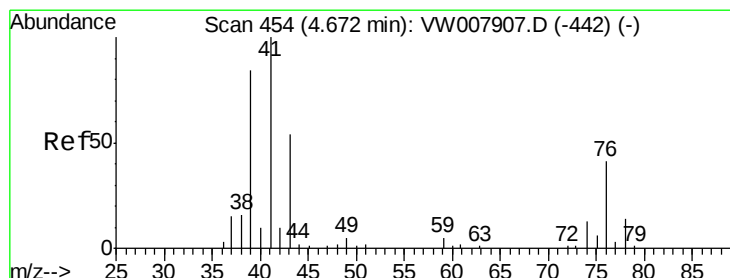
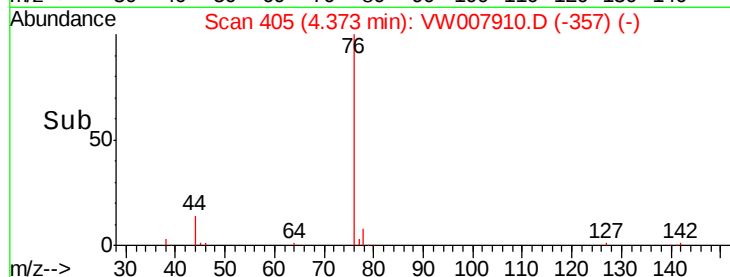
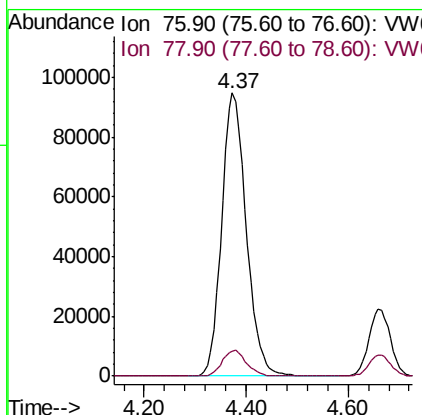
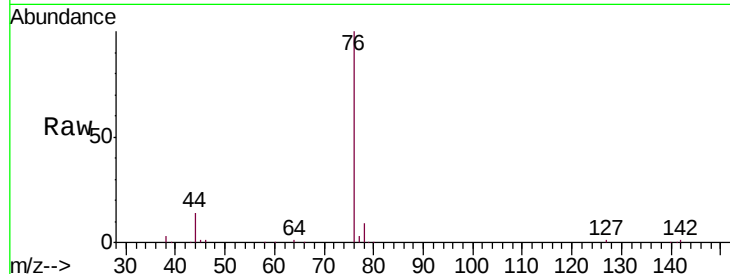




#17
Carbon Disulfide
Concen: 135.833 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

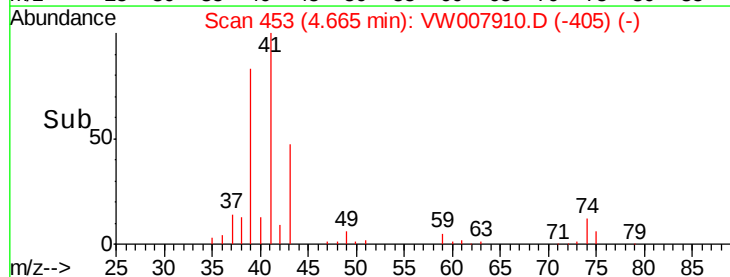
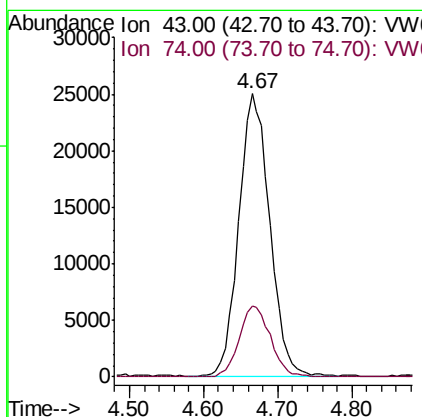
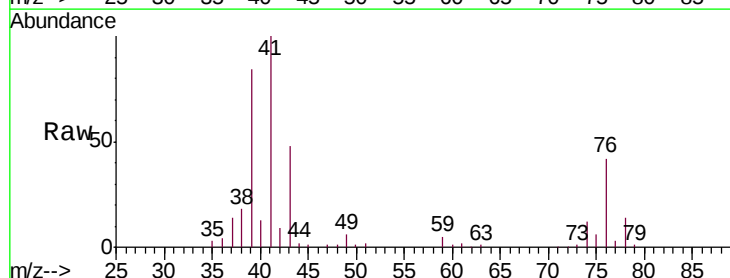
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

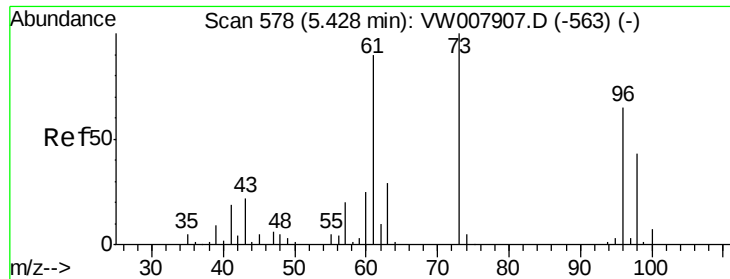
Tgt Ion: 76 Resp: 316663
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 181.526 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Tgt Ion: 43 Resp: 72626
Ion Ratio Lower Upper
43 100
74 25.3 20.4 30.6



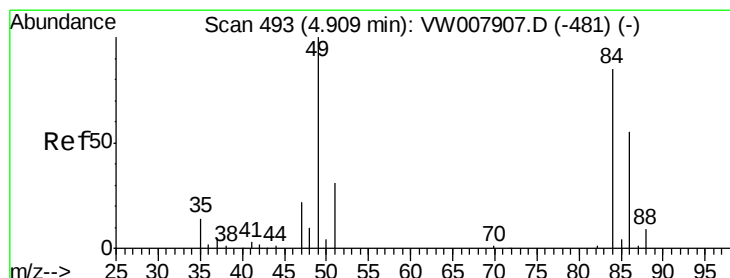
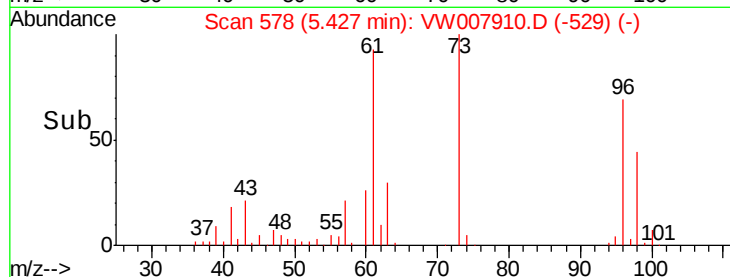
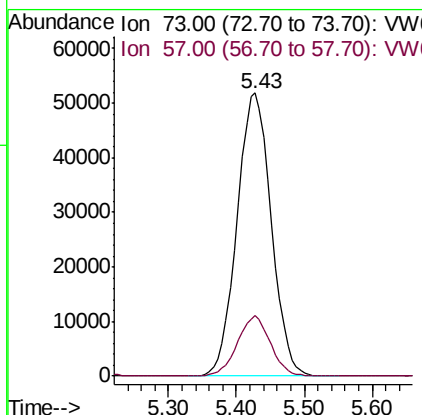
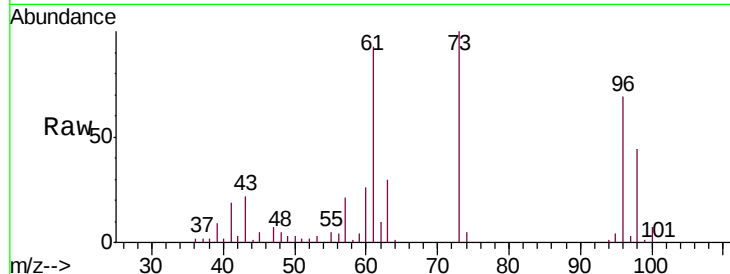


#19

Methyl tert-butyl Ether
 Concen: 159.421 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

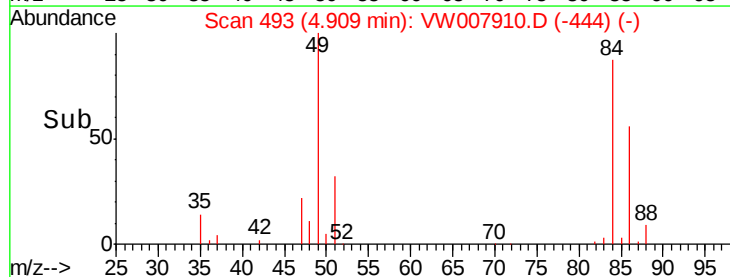
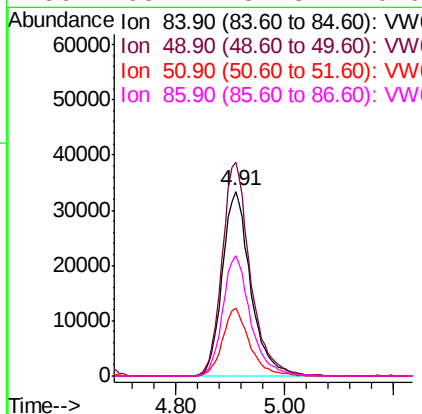
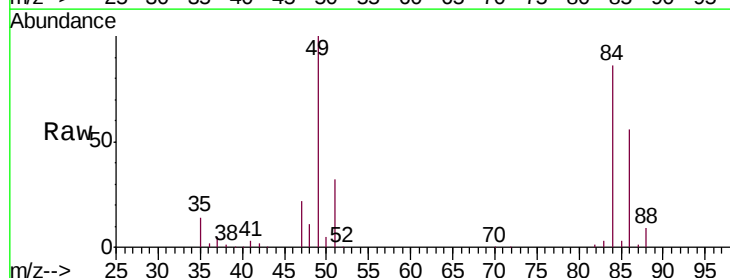
Tgt Ion: 73 Resp: 180973
 Ion Ratio Lower Upper
 73 100
 57 21.3 15.8 23.8

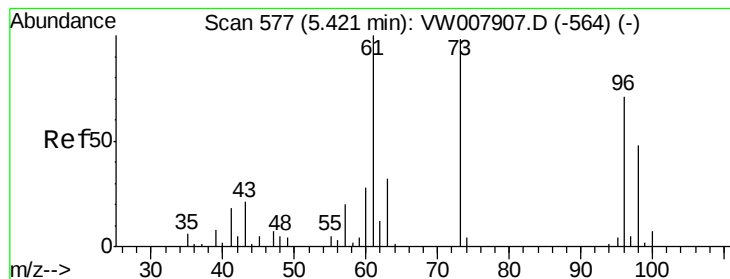


#20

Methylene Chloride
 Concen: 123.073 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

Tgt Ion: 84 Resp: 120973
 Ion Ratio Lower Upper
 84 100
 49 115.8 94.0 141.0
 51 36.6 28.7 43.1
 86 65.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 141.656 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

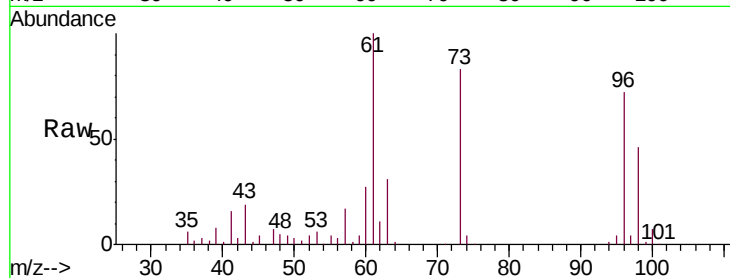
Tgt Ion: 96 Resp: 119153

Ion Ratio Lower Upper

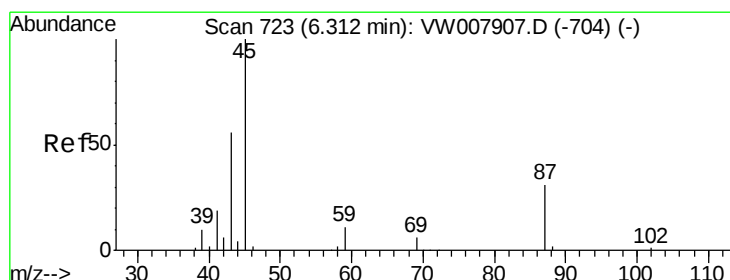
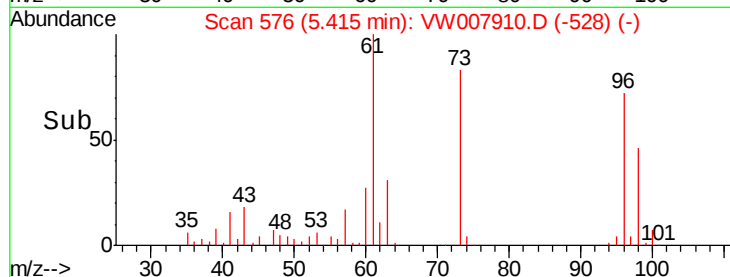
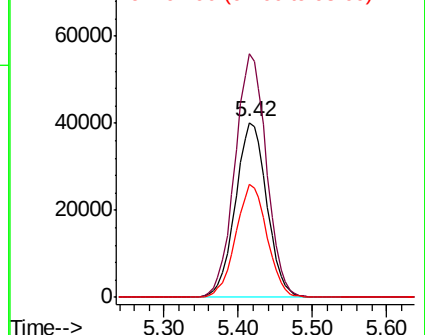
96 100

61 139.3 112.0 168.0

98 64.7 53.2 79.8



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: 166.215 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Tgt Ion: 45 Resp: 322554

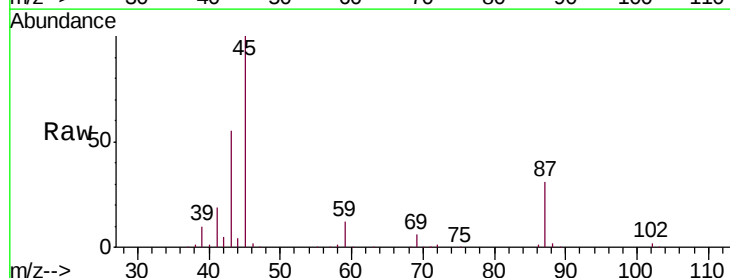
Ion Ratio Lower Upper

45 100

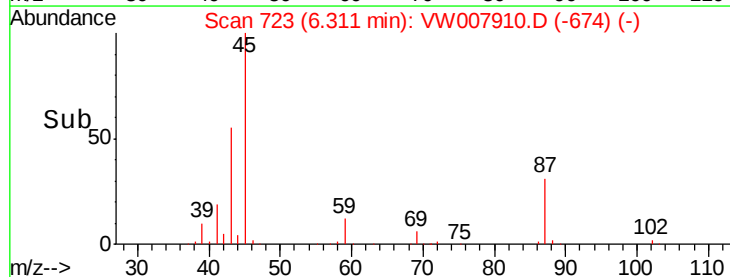
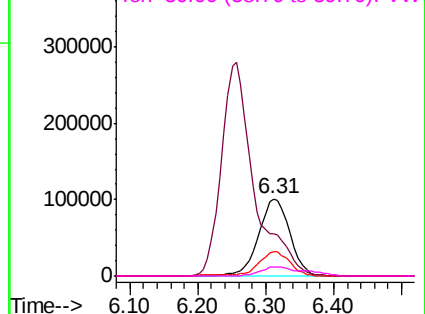
43 54.7 45.0 67.4

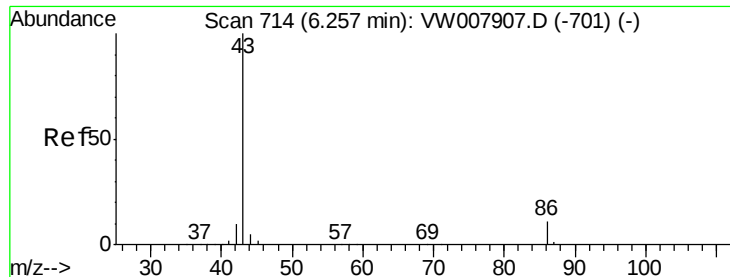
87 30.7 25.5 38.3

59 11.6 9.0 13.4



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: 820.630 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

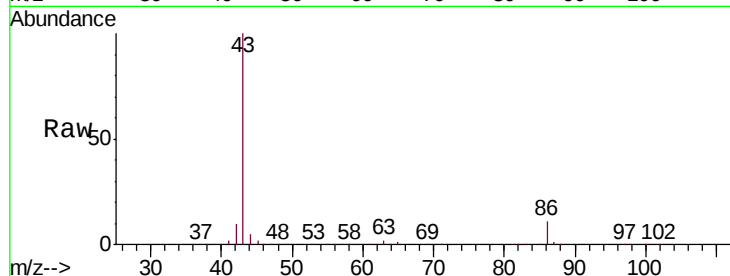
VSTDIC150

Tgt Ion: 43 Resp: 936331

Ion Ratio Lower Upper

43 100

86 11.2 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

300000

250000

200000

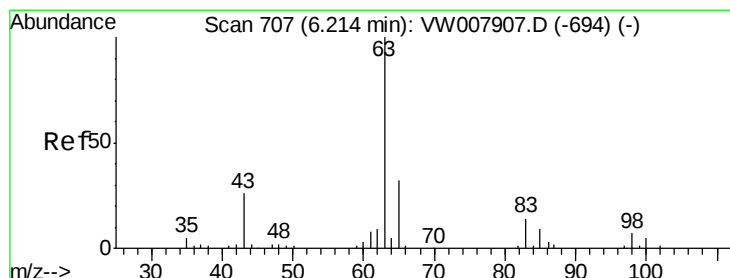
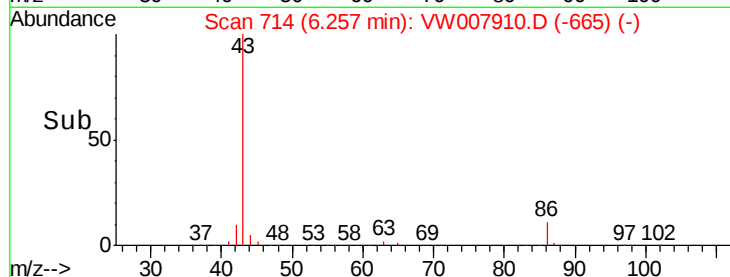
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 150.879 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

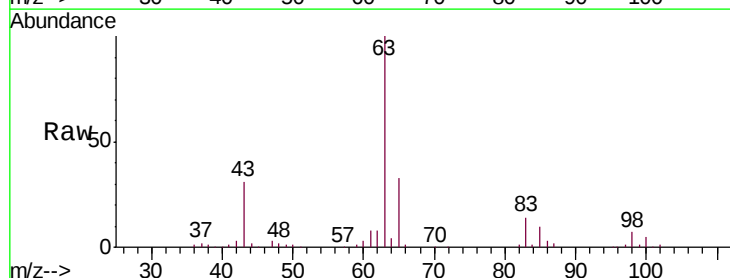
Tgt Ion: 63 Resp: 211395

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 4.6 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

80000

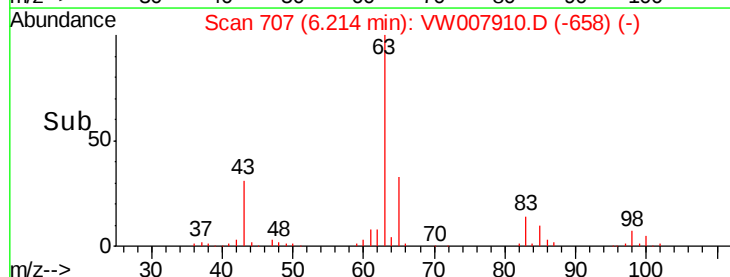
60000

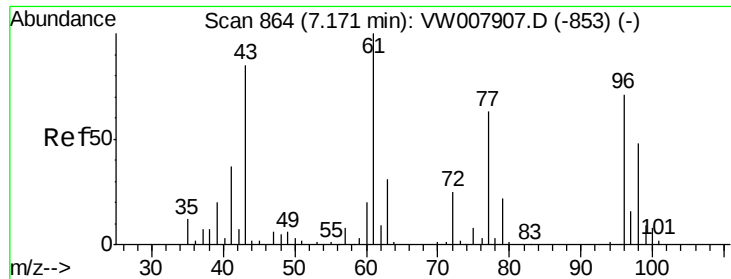
40000

20000

0

Time-->

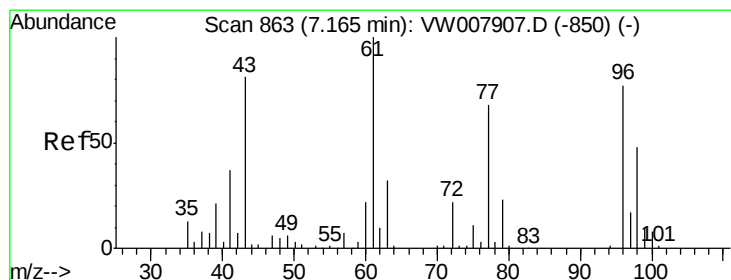
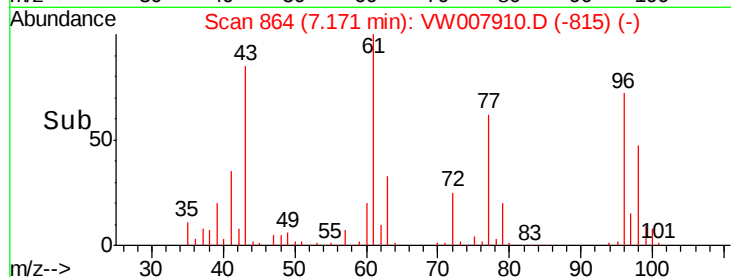
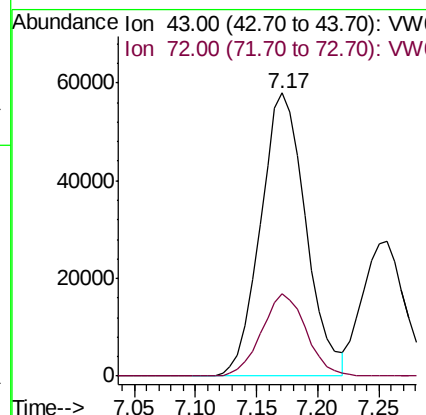
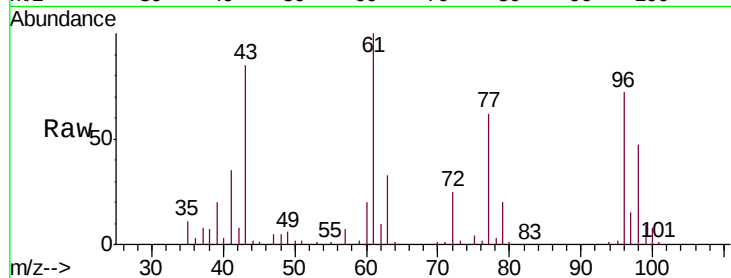




#25
2-Butanone
Concen: 780.669 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

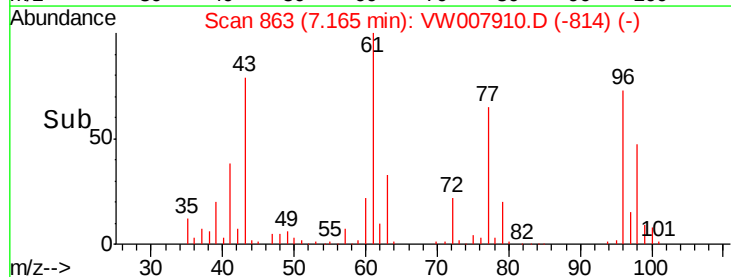
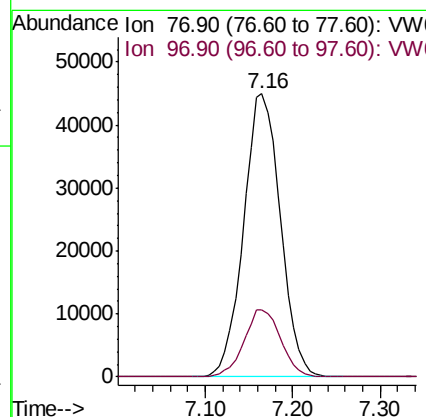
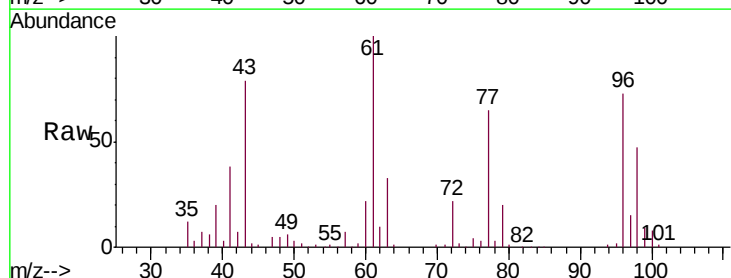
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

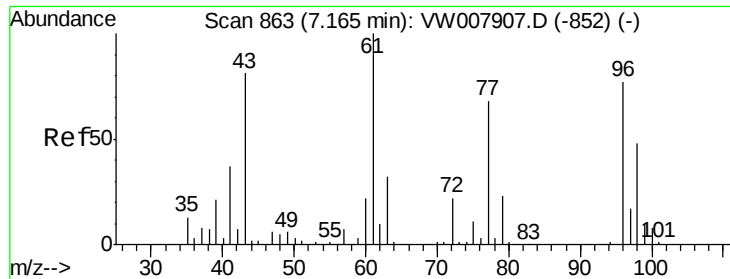
Tgt Ion: 43 Resp: 149511
Ion Ratio Lower Upper
43 100
72 28.9 23.2 34.8



#26
2,2-Dichloropropane
Concen: 130.597 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Tgt Ion: 77 Resp: 131404
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.4



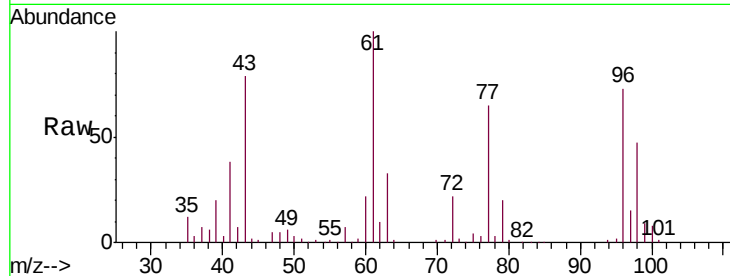


#27

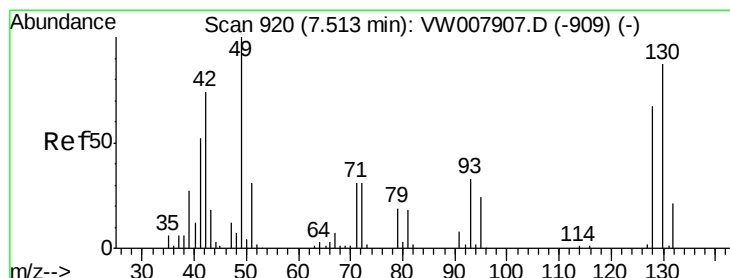
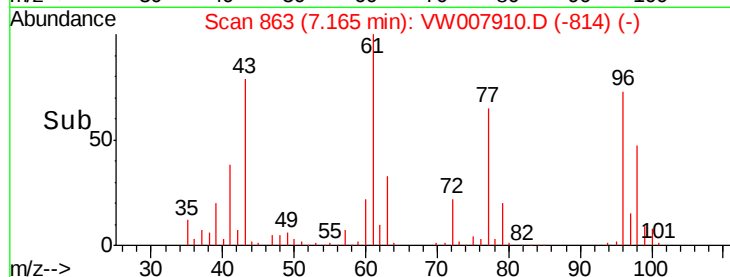
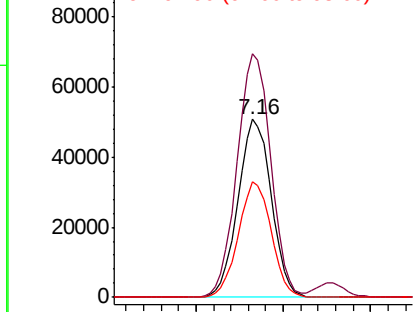
cis-1,2-Dichloroethene
Concen: 148.988 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Resp	Lower	Upper
96	134547		
Ion Ratio			
96	100		
61	138.6	0.0	279.4
98	64.2	0.0	126.8



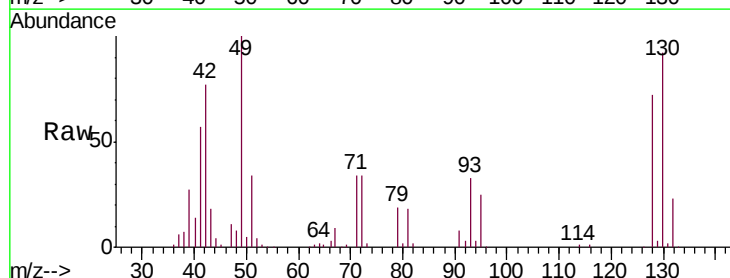
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



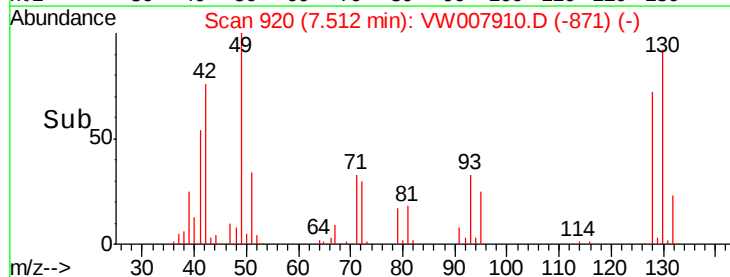
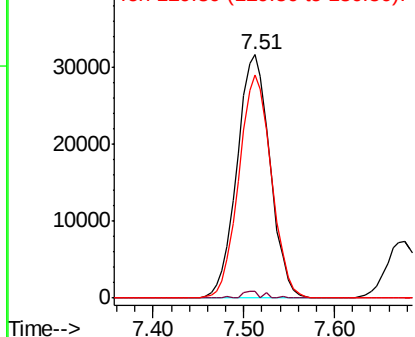
#28

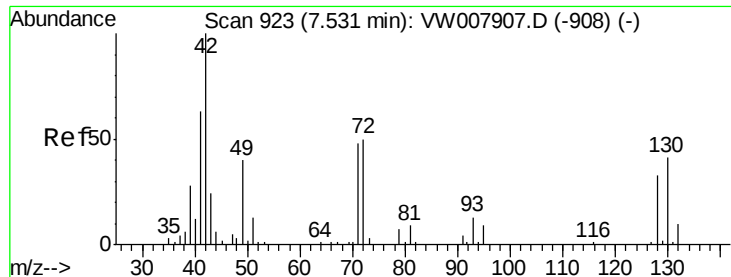
Bromochloromethane
Concen: 166.042 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Tgt Ion	Resp	Lower	Upper
49	79871		
Ion Ratio			
49	100		
129	1.4	0.0	1.4#
130	90.2	70.7	106.1



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

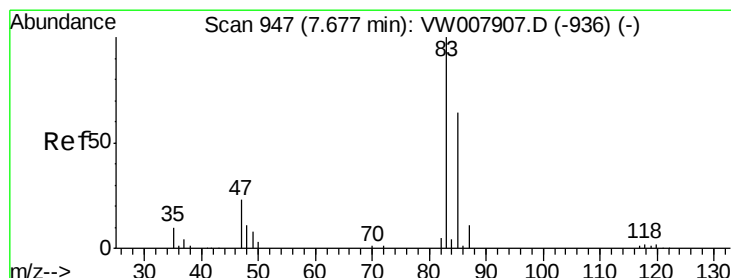
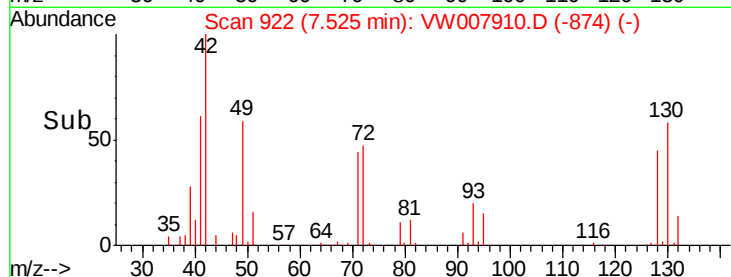
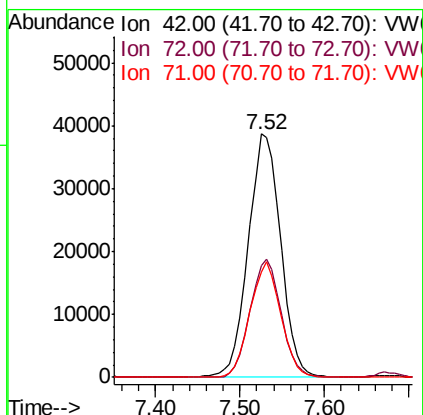
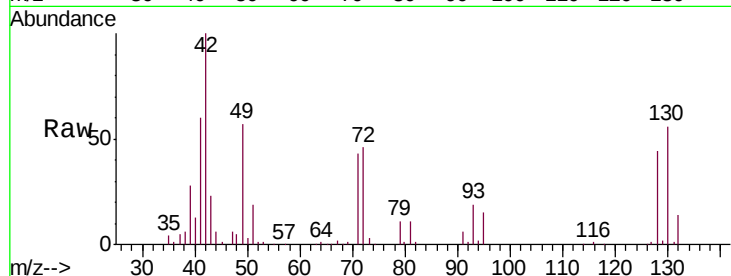




#29
Tetrahydrofuran
Concen: 875.362 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

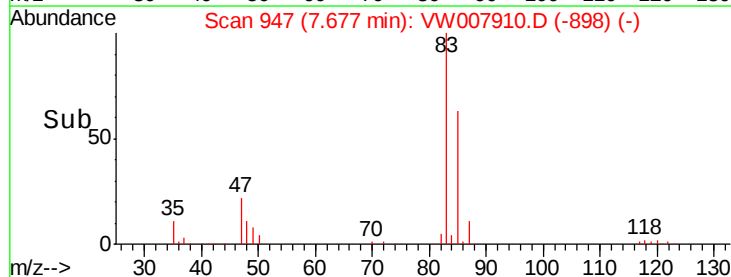
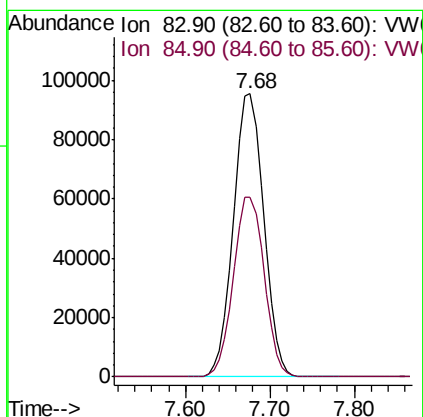
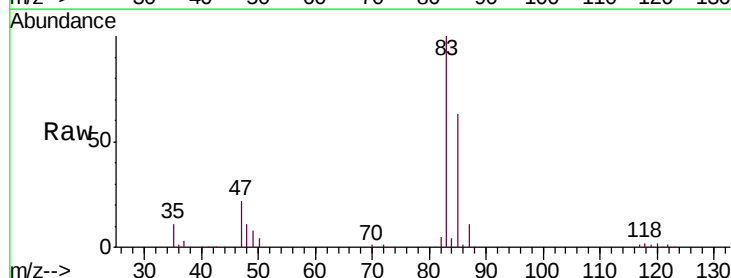
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

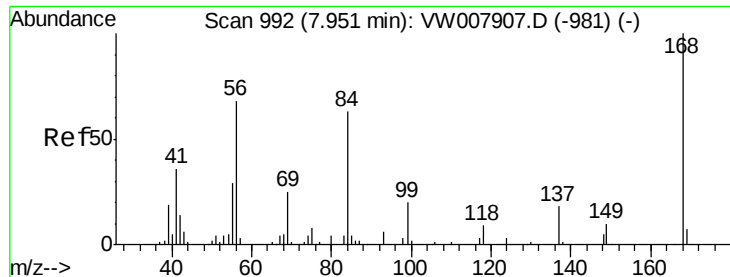
Tgt Ion: 42 Resp: 101290
Ion Ratio Lower Upper
42 100
72 46.5 37.8 56.8
71 44.9 35.8 53.6



#30
Chloroform
Concen: 148.372 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Tgt Ion: 83 Resp: 232657
Ion Ratio Lower Upper
83 100
85 63.4 51.3 76.9

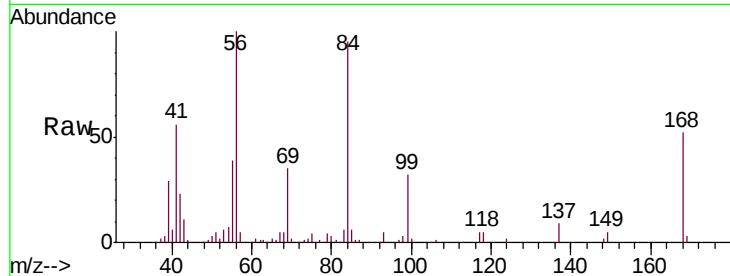




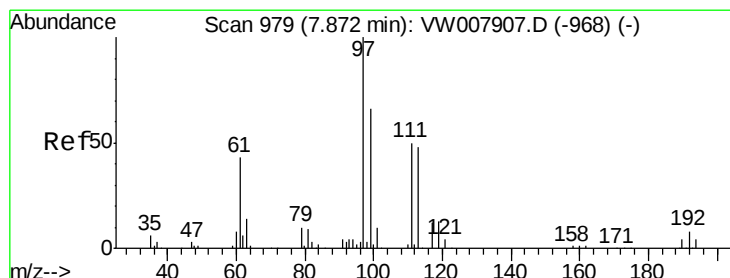
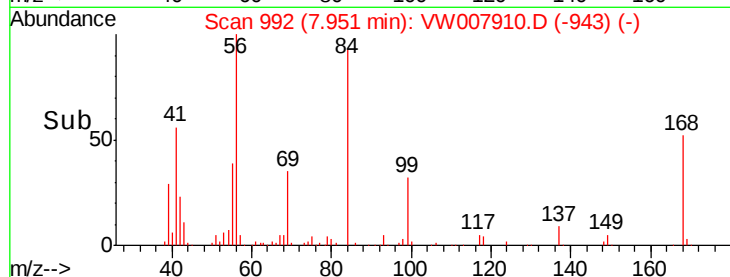
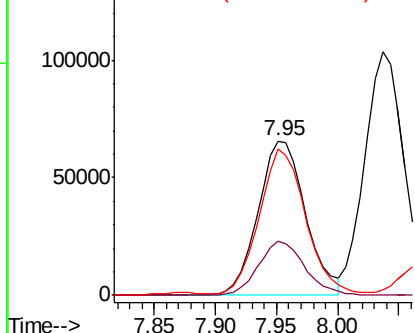
#31
Cyclohexane
Concen: 139.215 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 177544
Ion Ratio Lower Upper
56 100
69 35.1 29.9 44.9
84 93.5 74.5 111.7

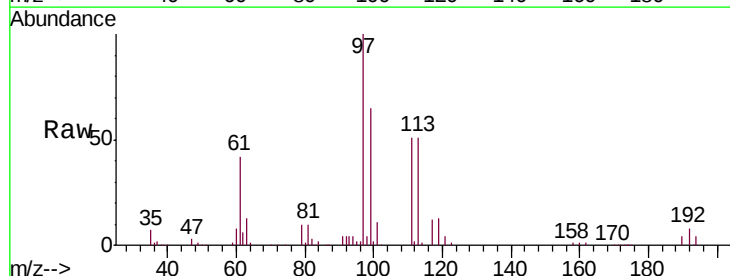


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

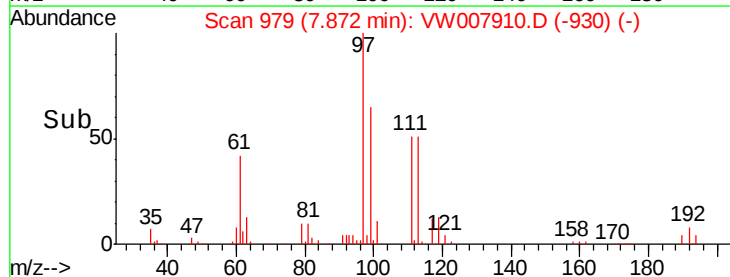
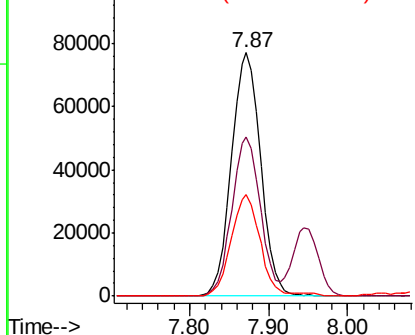


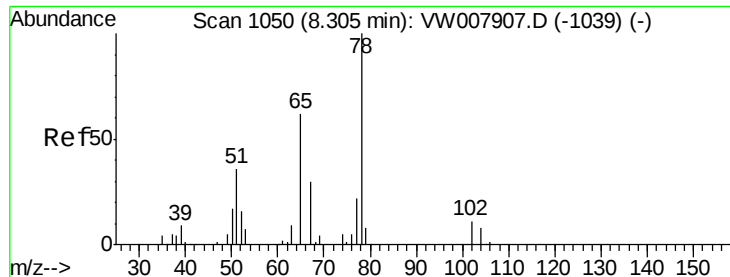
#32
1,1,1-Trichloroethane
Concen: 140.079 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Tgt Ion: 97 Resp: 198371
Ion Ratio Lower Upper
97 100
99 64.4 52.7 79.1
61 40.9 33.3 49.9



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: 159.274 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

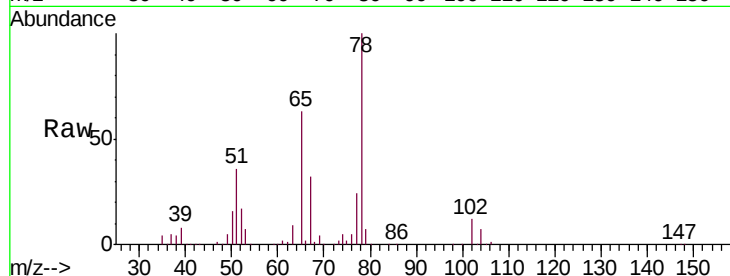
VSTDIC150

Tgt Ion: 65 Resp: 137830

Ion Ratio Lower Upper

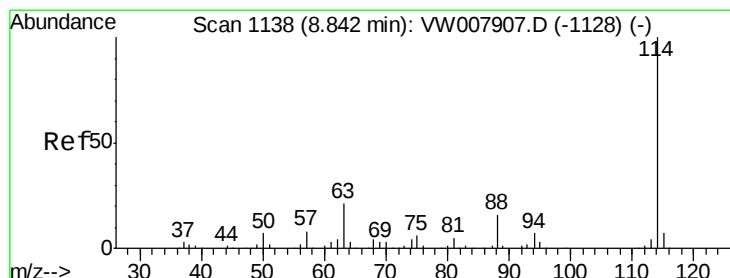
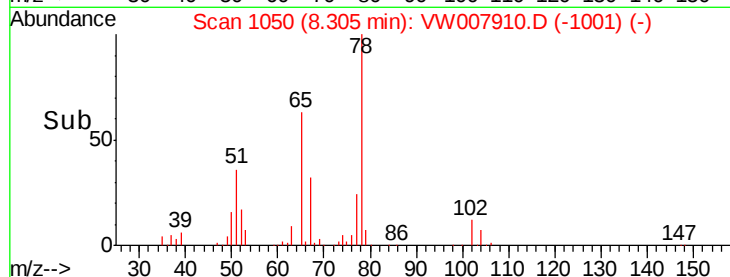
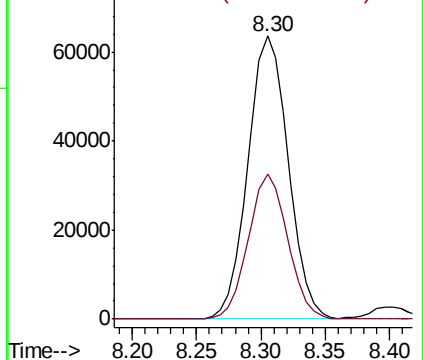
65 100

67 50.1 0.0 98.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

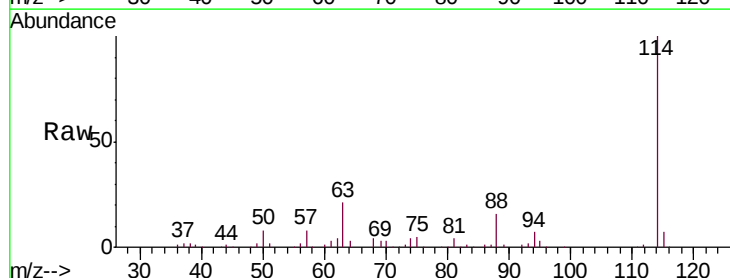
Tgt Ion: 114 Resp: 132442

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

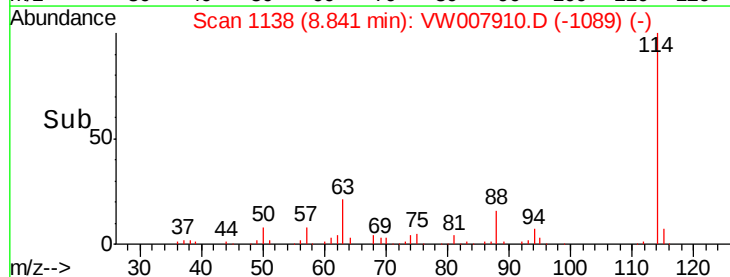
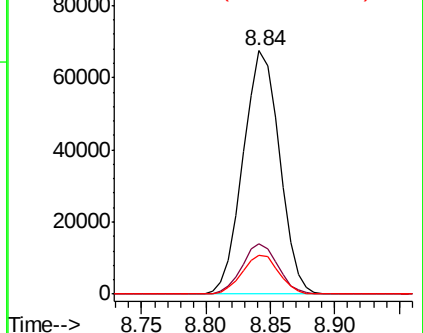
88 16.1 0.0 32.4

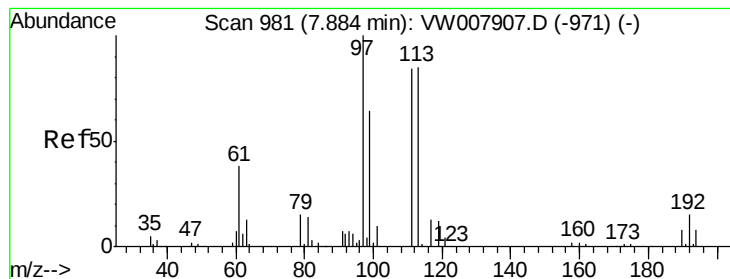


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 151.402 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

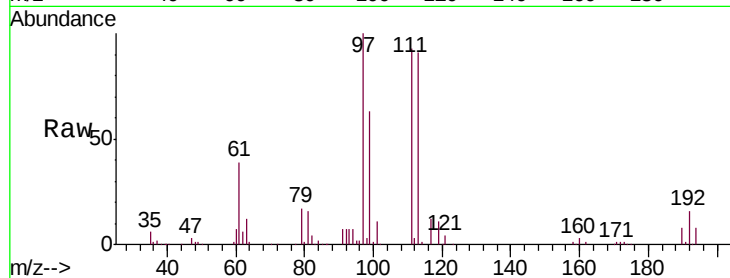
Tgt Ion: 113 Resp: 123363

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

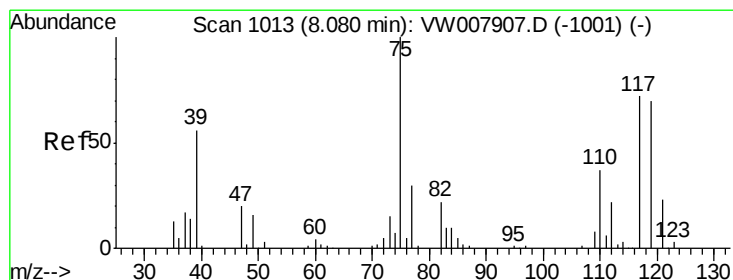
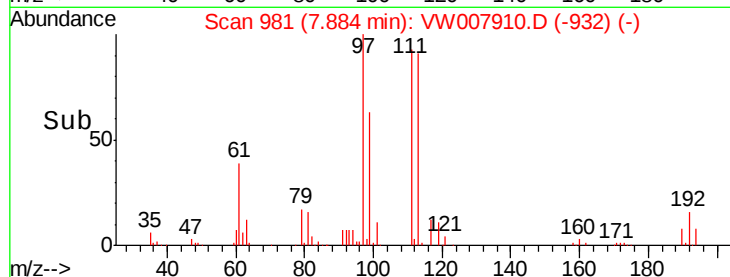
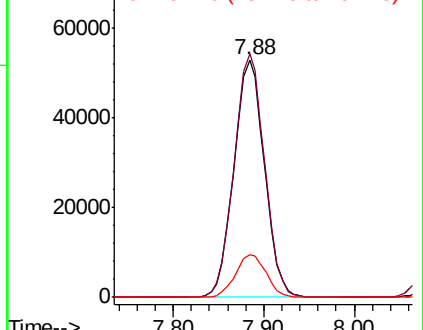
192 18.1 14.9 22.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 135.239 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

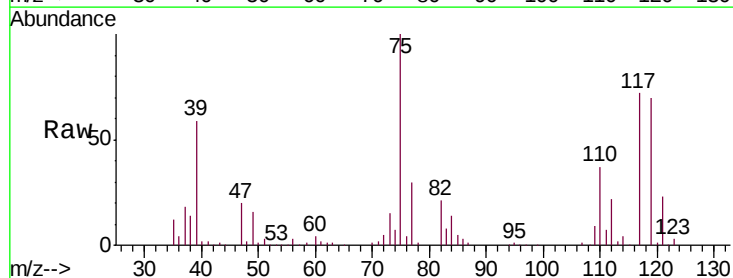
Tgt Ion: 75 Resp: 172338

Ion Ratio Lower Upper

75 100

110 36.0 18.2 54.6

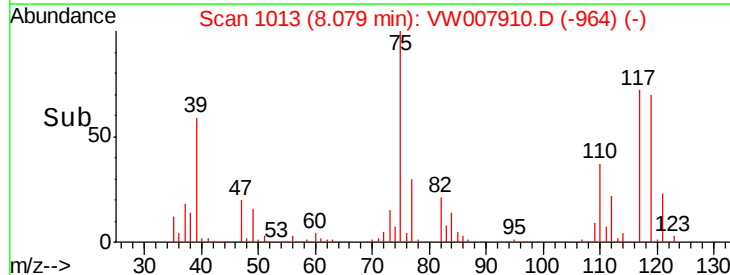
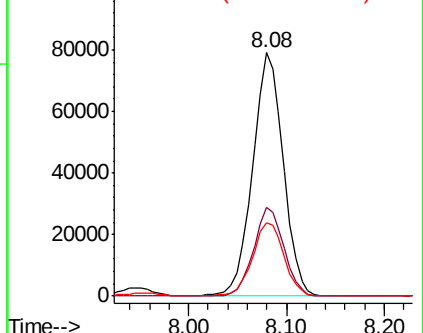
77 31.2 25.0 37.4

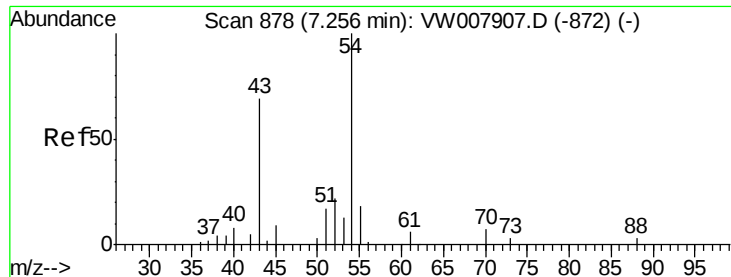


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 151.201 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

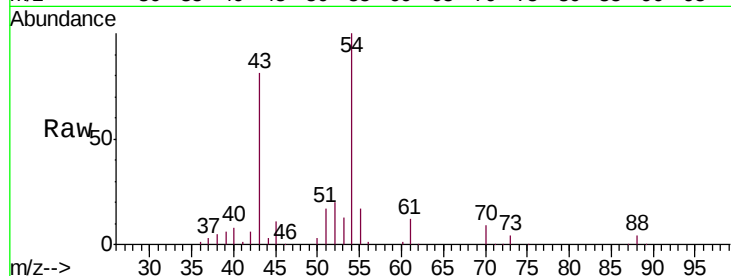
Tgt Ion: 43 Resp: 68376

Ion Ratio Lower Upper

43 100

61 13.8 10.6 16.0

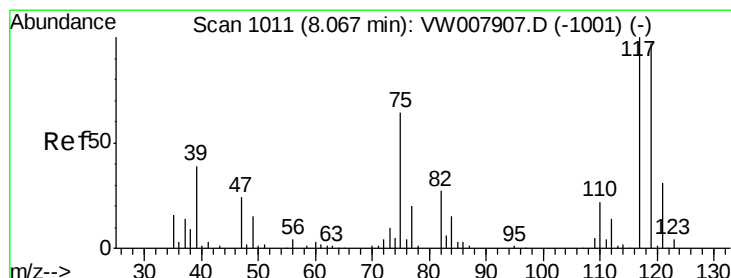
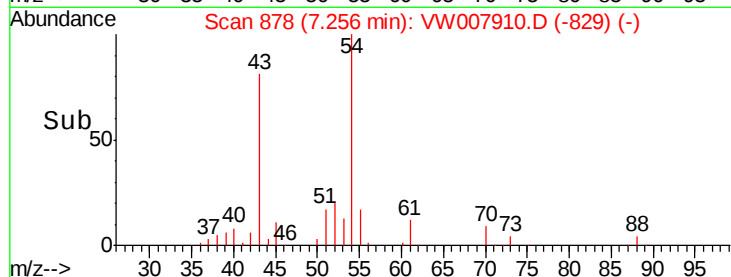
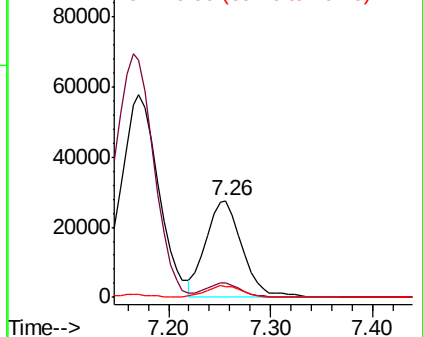
70 12.0 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 126.341 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

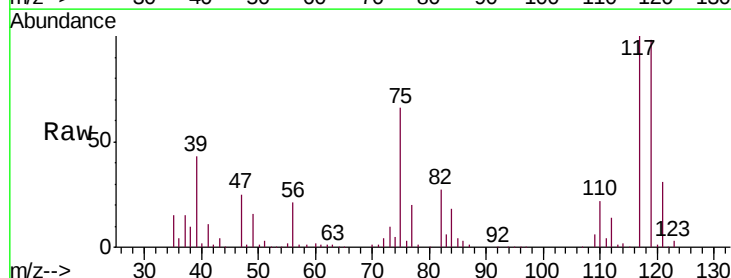
Tgt Ion: 117 Resp: 186404

Ion Ratio Lower Upper

117 100

119 97.9 77.3 115.9

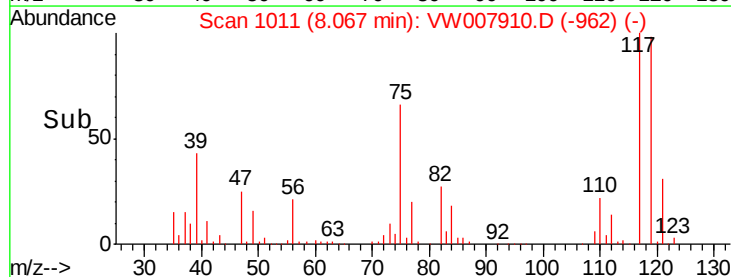
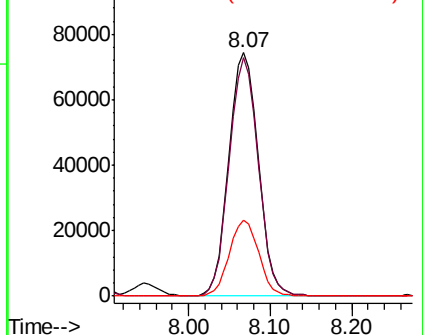
121 31.2 24.5 36.7

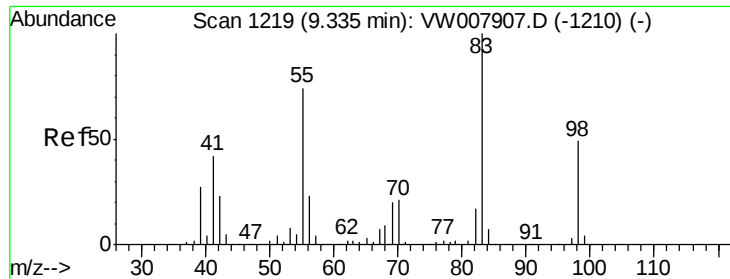


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

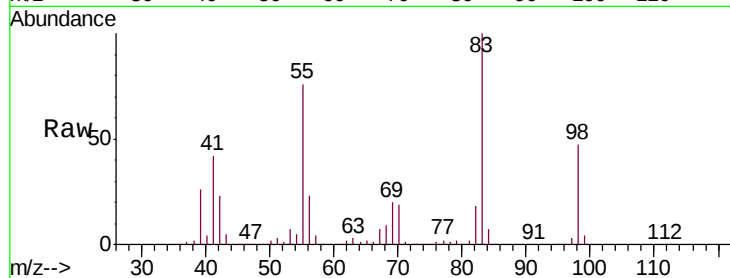




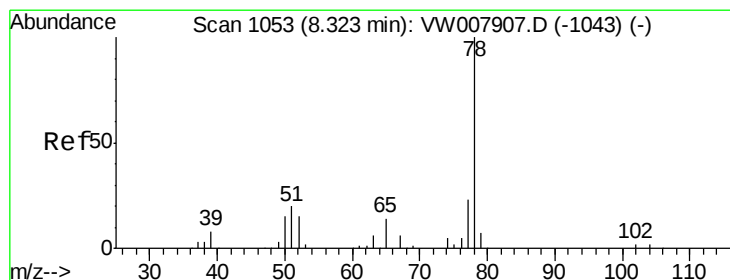
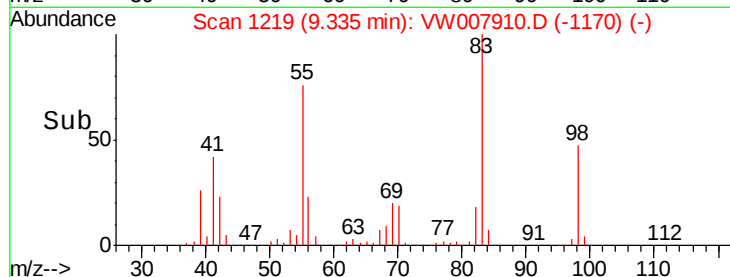
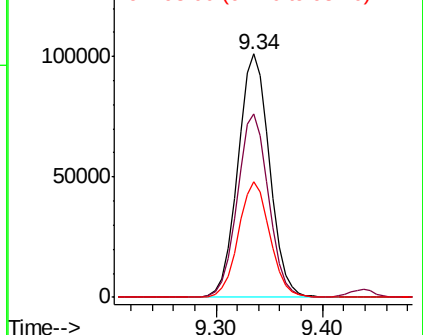
#39
Methylcyclohexane
Concen: 132.714 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 210428
Ion Ratio Lower Upper
83 100
55 75.6 59.1 88.7
98 47.4 39.2 58.8

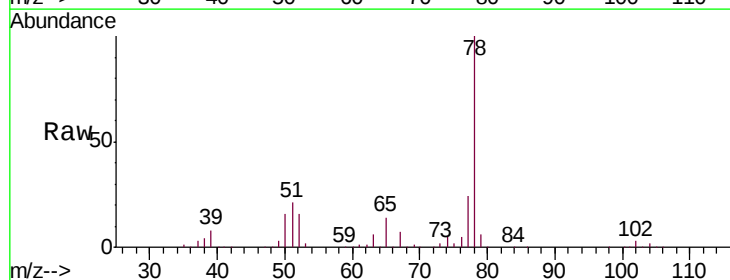


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

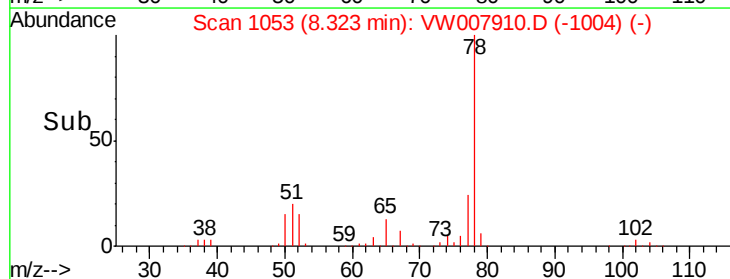
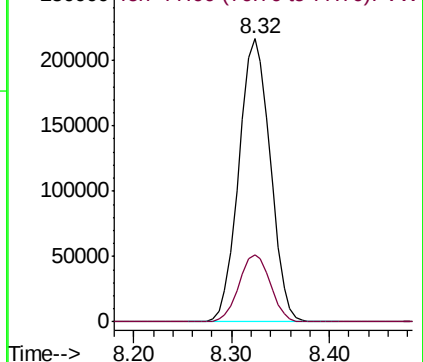


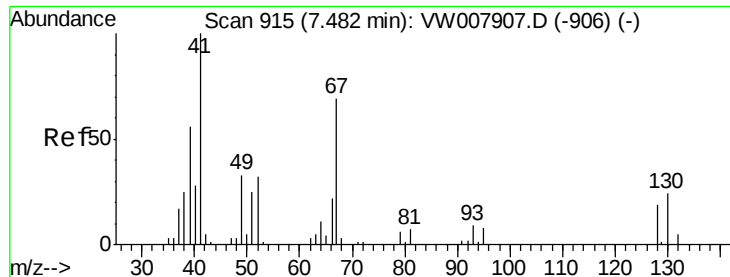
#40
Benzene
Concen: 140.748 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Tgt Ion: 78 Resp: 483013
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0



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





#41

Methacrylonitrile

Concen: 160.732 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 42570

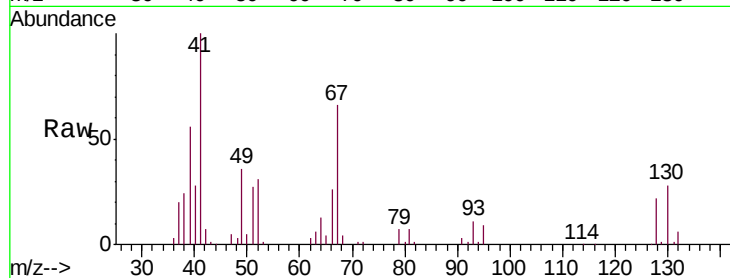
Ion Ratio Lower Upper

41 100

39 62.5 45.0 67.4

67 74.4 53.9 80.9

52 31.6 23.2 34.8

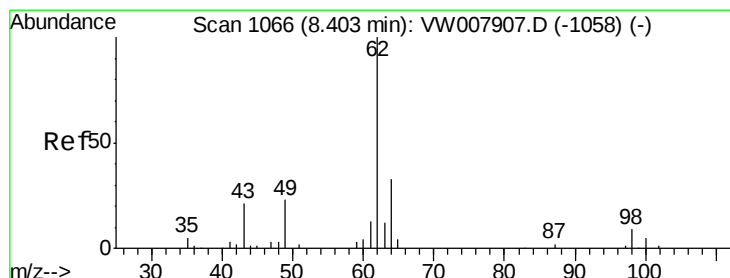
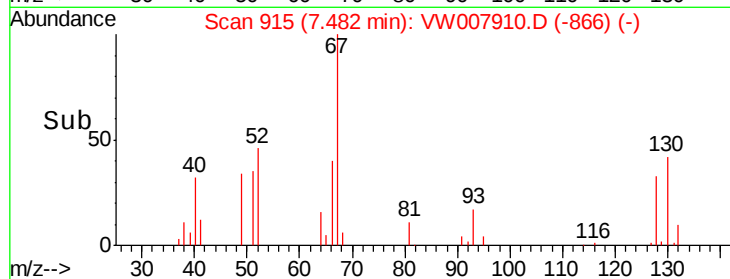
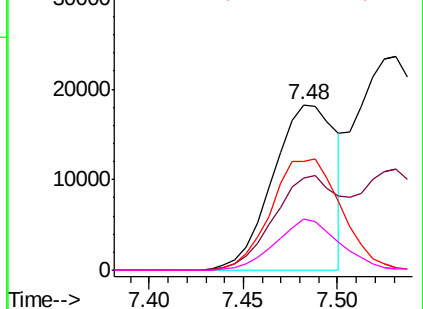


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 139.315 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW007910.D

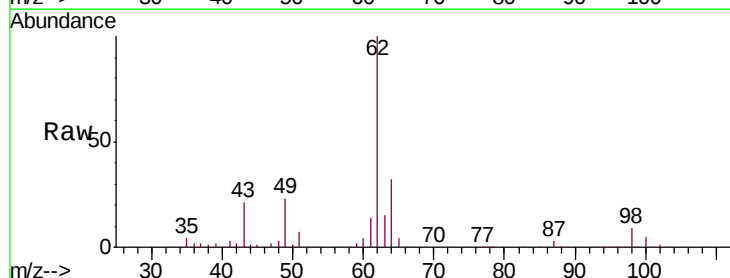
Acq: 25 Dec 2018 01:48

Tgt Ion: 62 Resp: 159659

Ion Ratio Lower Upper

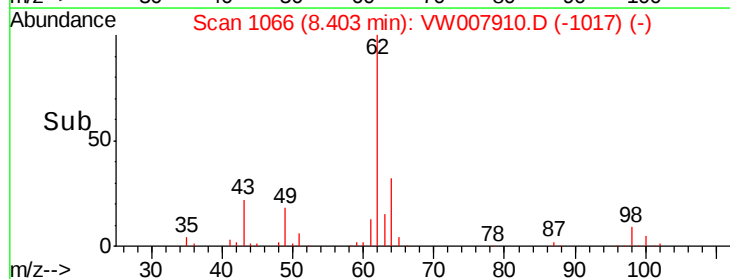
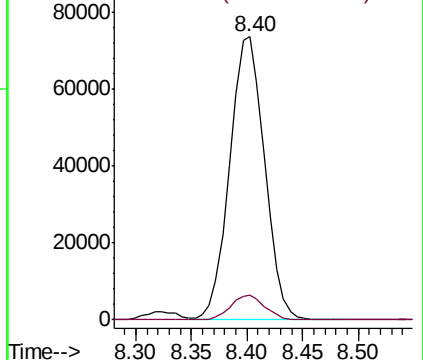
62 100

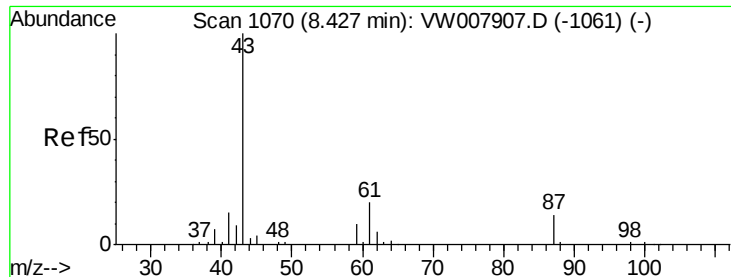
98 8.5 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 159.940 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

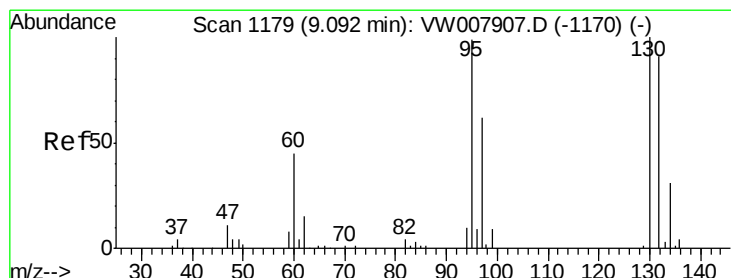
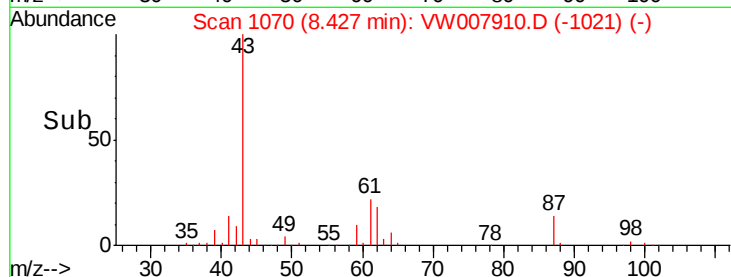
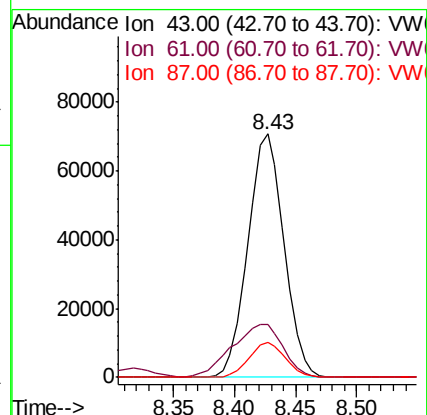
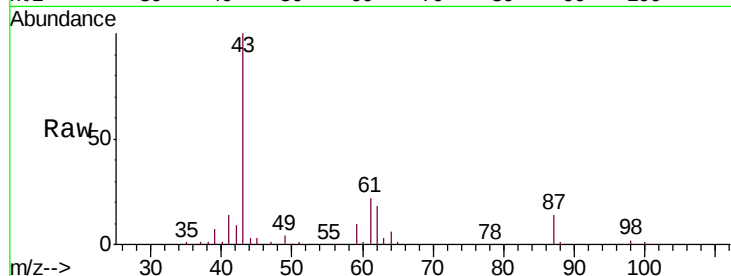
Tgt Ion: 43 Resp: 145142

Ion Ratio Lower Upper

43 100

61 30.8 24.2 36.2

87 14.4 11.2 16.8



#44

Trichloroethene

Concen: 132.859 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007910.D

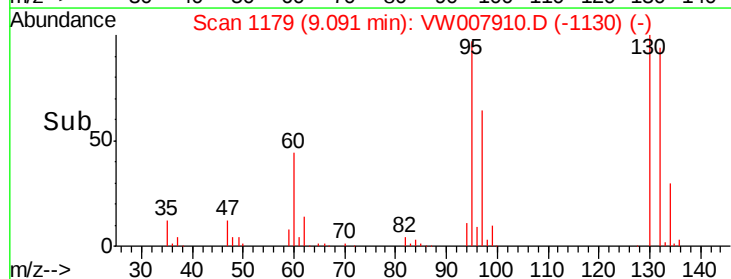
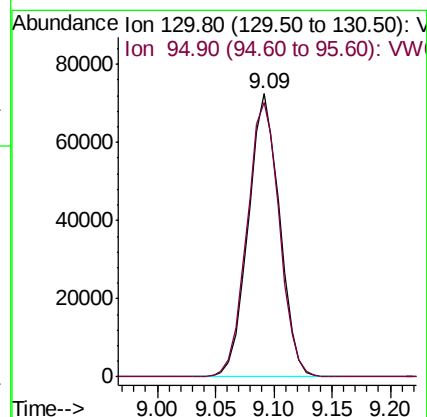
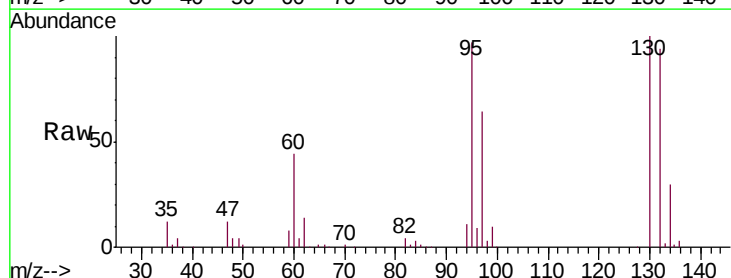
Acq: 25 Dec 2018 01:48

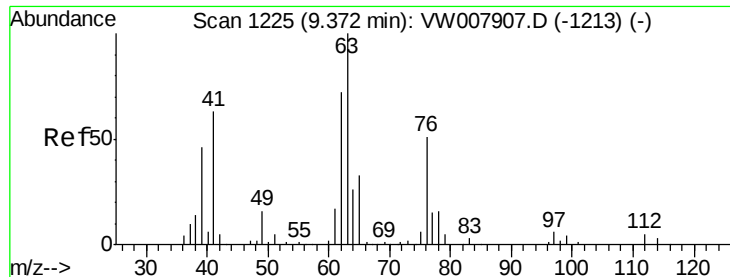
Tgt Ion: 130 Resp: 136346

Ion Ratio Lower Upper

130 100

95 96.8 0.0 197.4

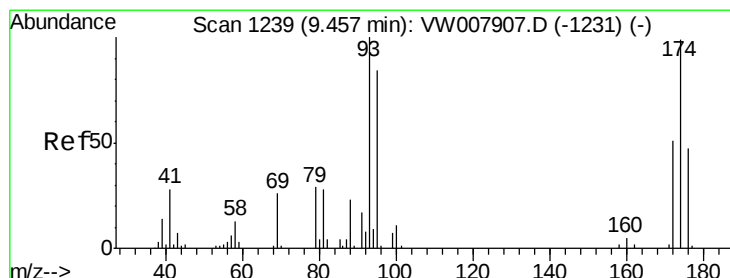
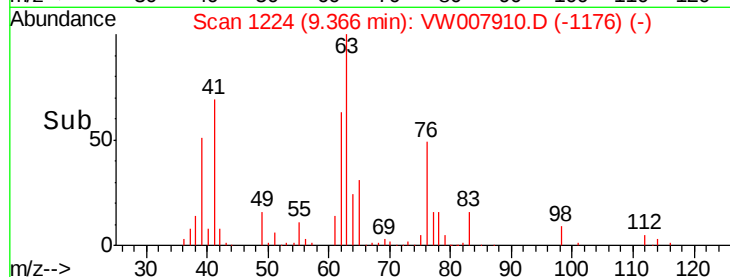
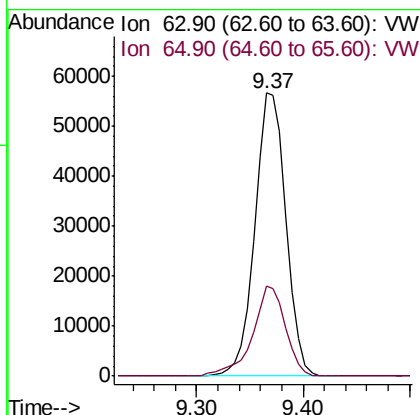
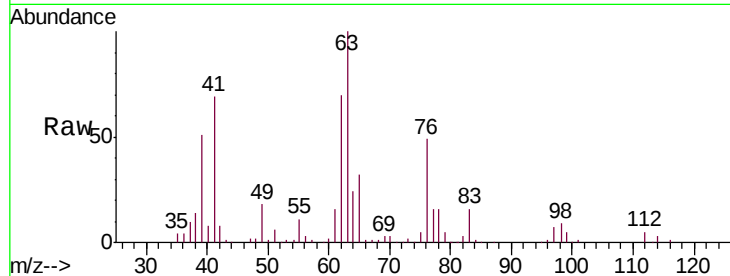




#45
 1,2-Dichloropropane
 Concen: 150.873 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

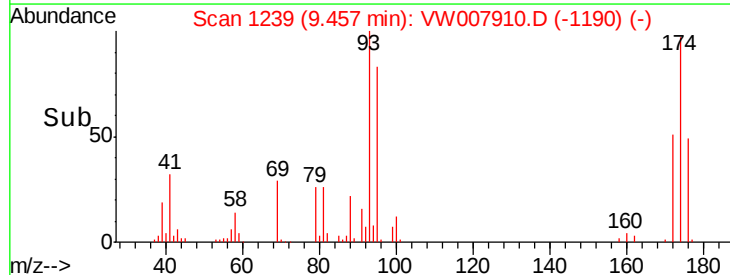
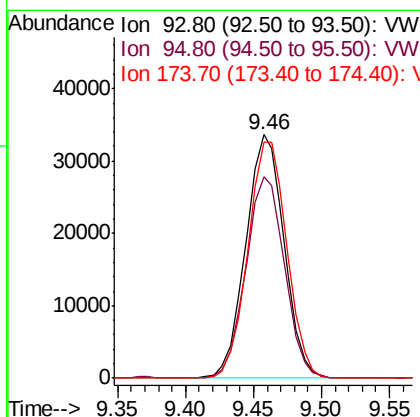
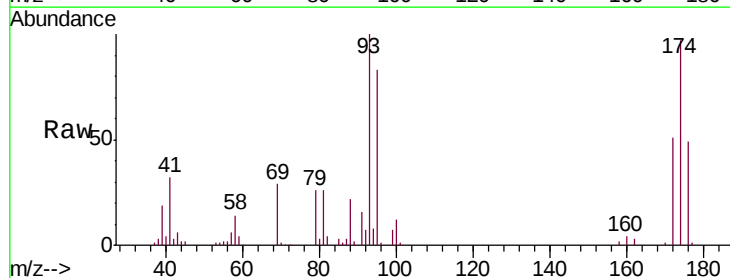
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

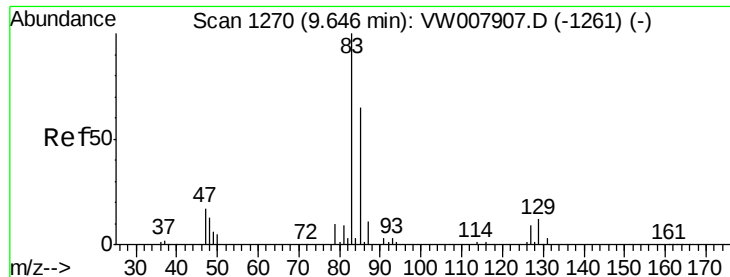
Tgt Ion: 63 Resp: 115983
 Ion Ratio Lower Upper
 63 100
 65 31.7 26.4 39.6



#46
 Dibromomethane
 Concen: 142.139 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

Tgt Ion: 93 Resp: 66269
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 100.0
 174 98.9 81.0 121.4





#47

Bromodichloromethane

Concen: 141.805 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

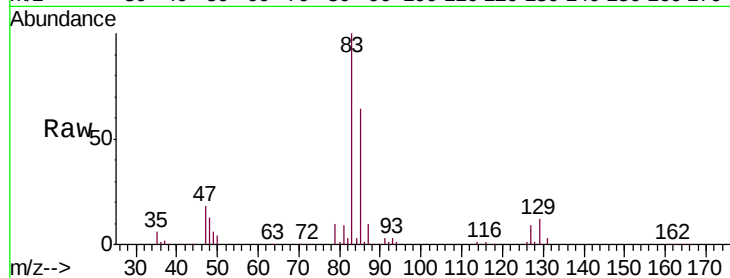
Tgt Ion: 83 Resp: 173616

Ion Ratio Lower Upper

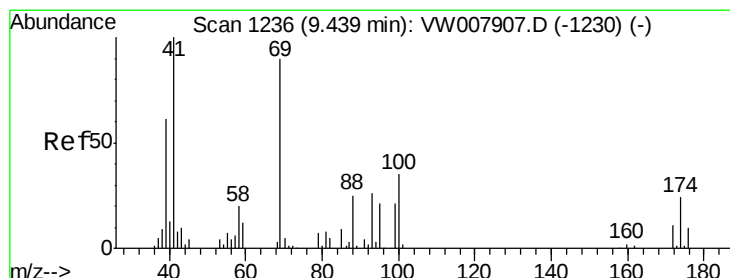
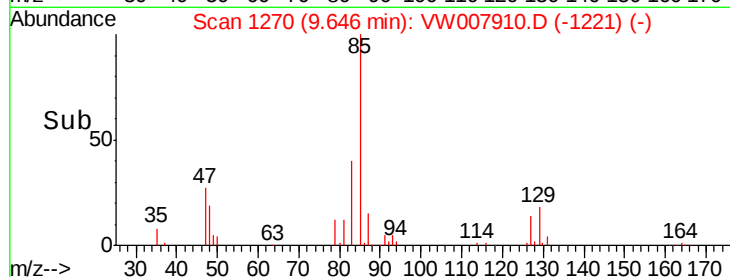
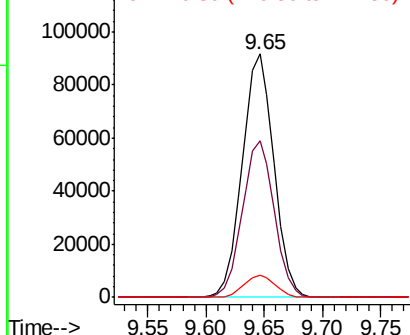
83 100

85 64.1 52.2 78.4

127 9.0 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 163.139 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

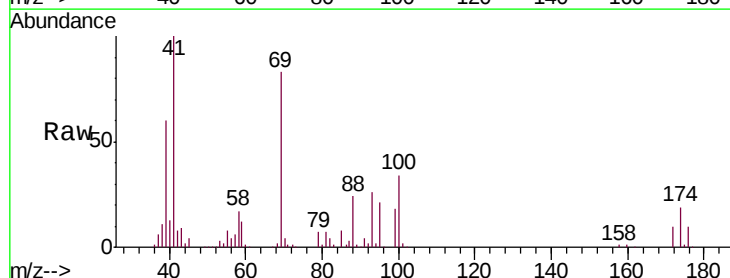
Tgt Ion: 41 Resp: 74133

Ion Ratio Lower Upper

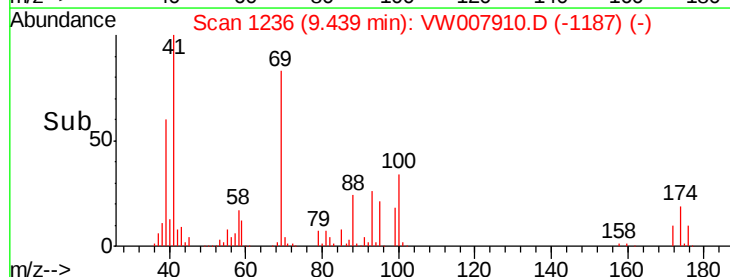
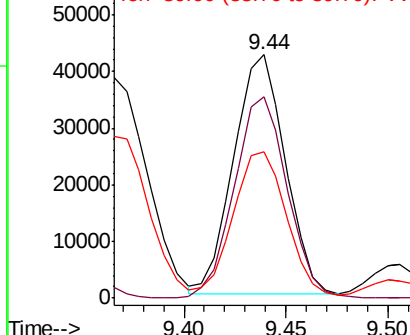
41 100

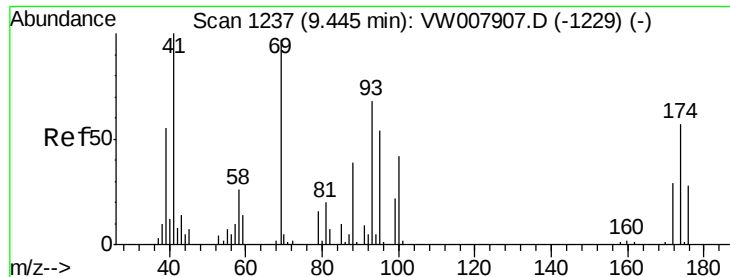
69 86.9 70.4 105.6

39 64.4 51.7 77.5



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

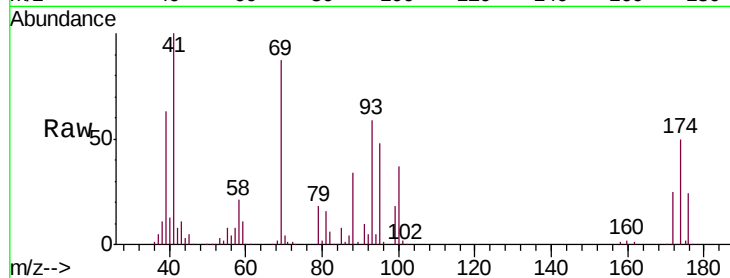




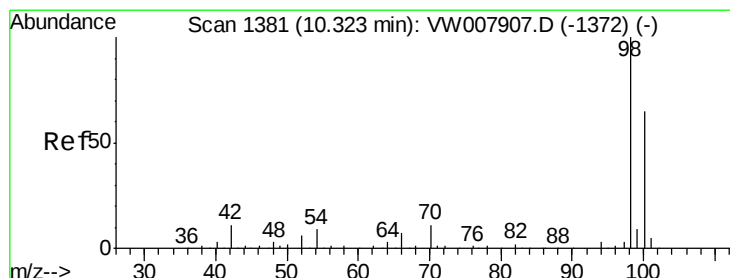
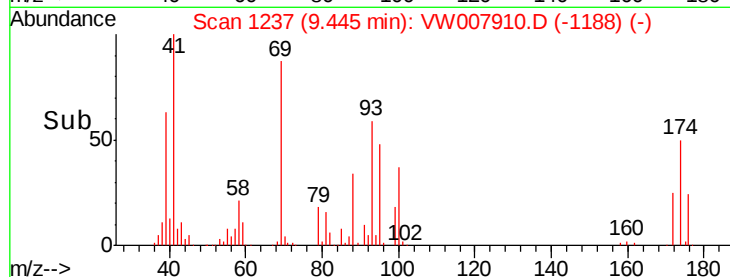
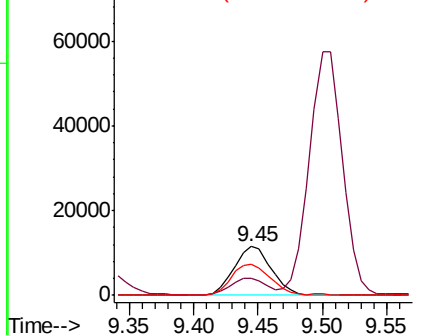
#49
1,4-Dioxane
Concen: 3122.931 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 23307
Ion Ratio Lower Upper
88 100
43 32.6 30.9 46.3
58 66.1 55.4 83.0

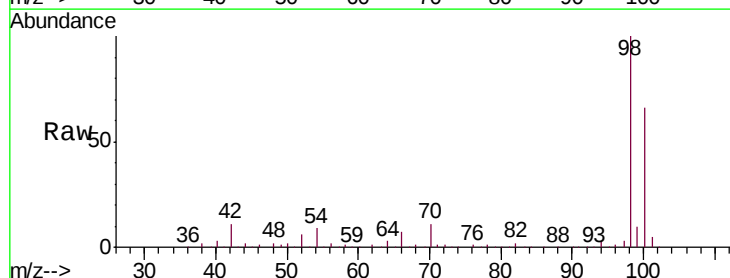


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

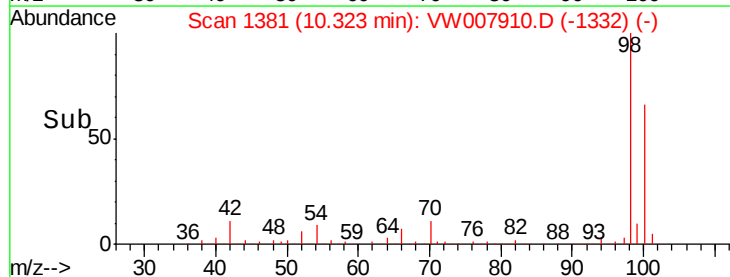
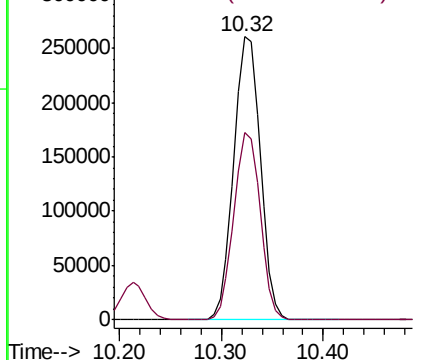


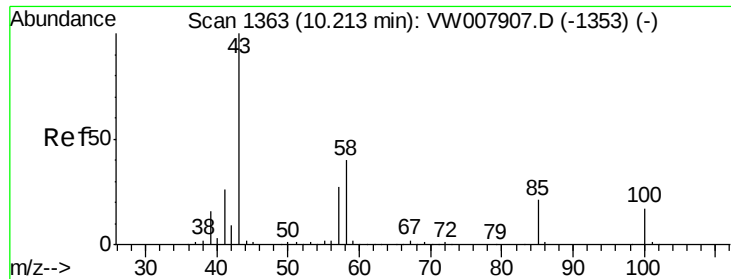
#50
Toluene-d8
Concen: 152.941 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Tgt Ion: 98 Resp: 470960
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



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

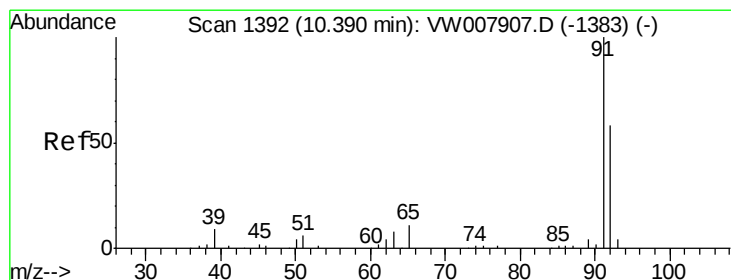
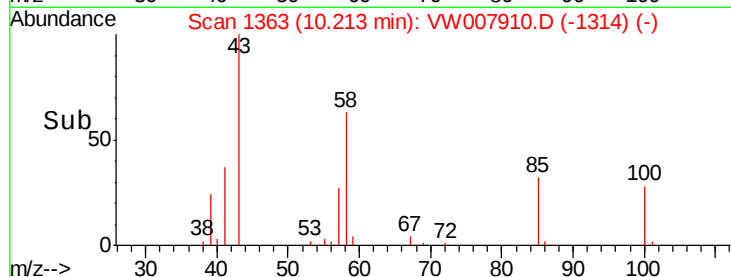
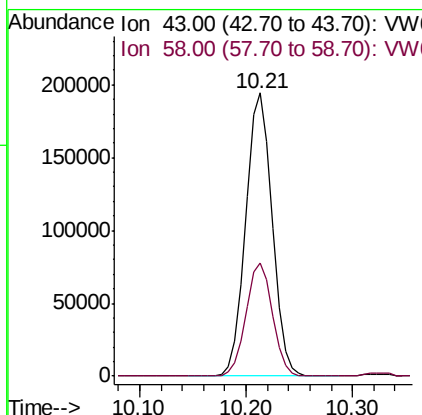
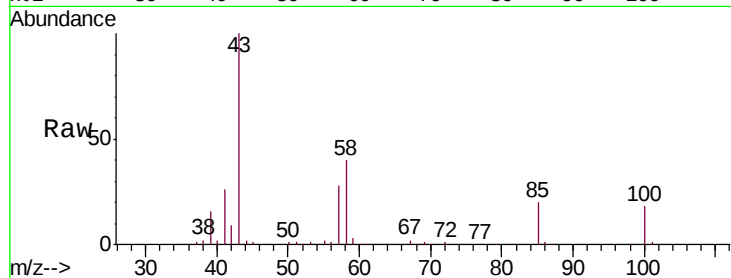




#51
 4-Methyl-2-Pentanone
 Concen: 785.824 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

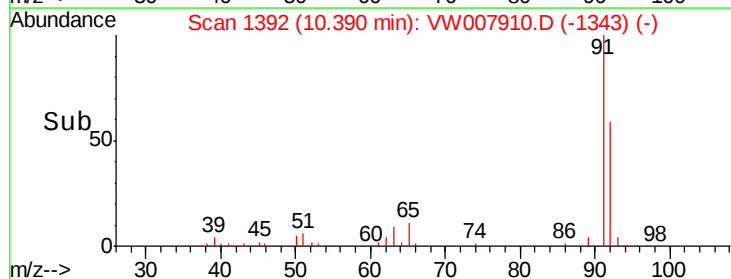
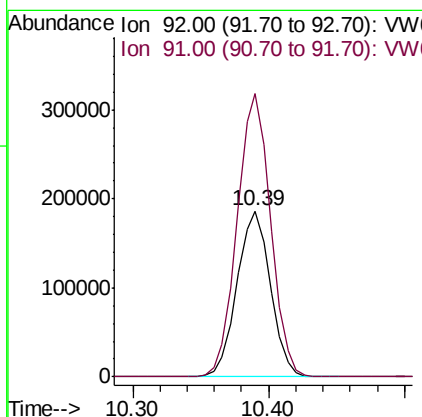
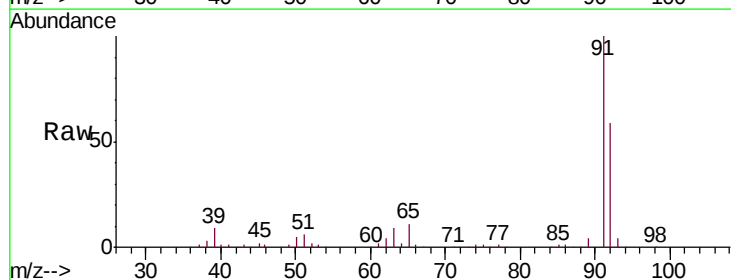
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

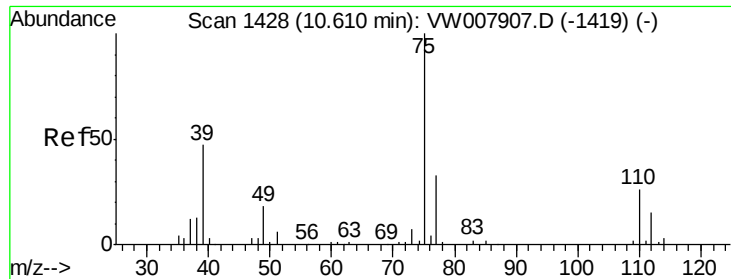
Tgt Ion: 43 Resp: 339115
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.6 47.4



#52
 Toluene
 Concen: 138.847 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

Tgt Ion: 92 Resp: 318704
 Ion Ratio Lower Upper
 92 100
 91 171.2 138.0 207.0

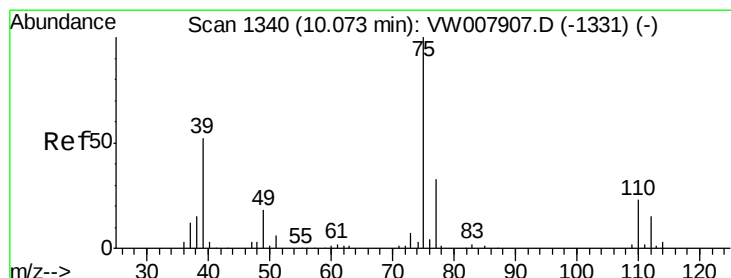
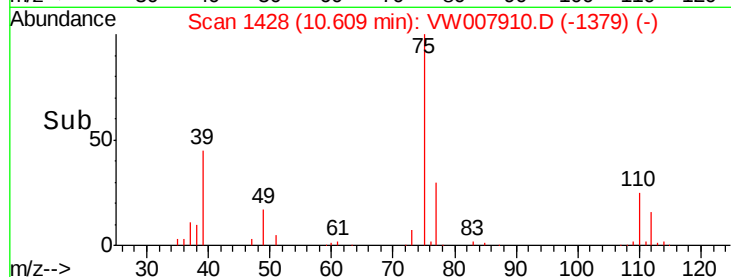
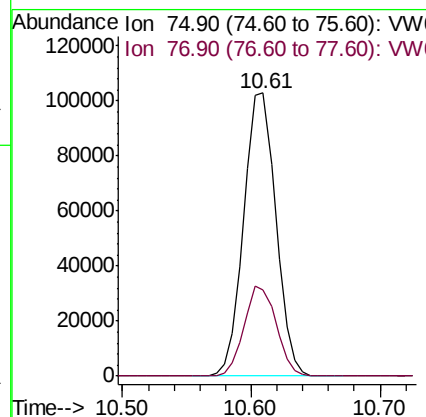
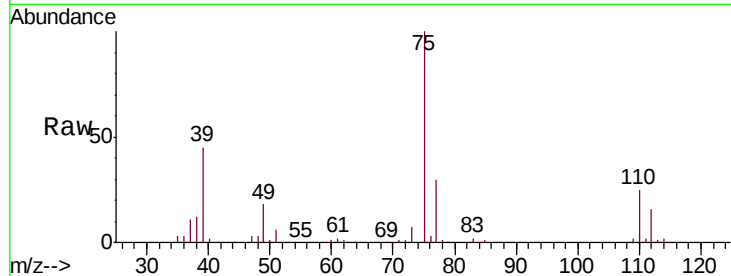




#53
 t-1,3-Dichloropropene
 Concen: 145.340 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

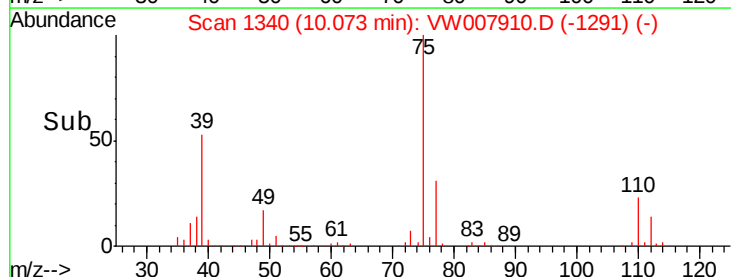
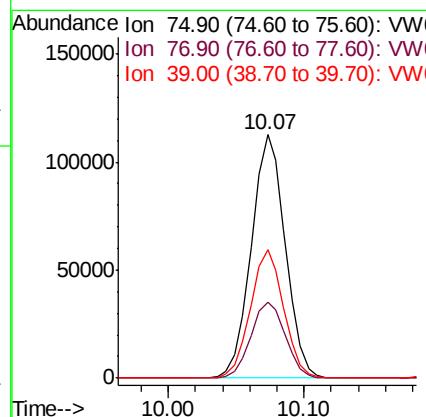
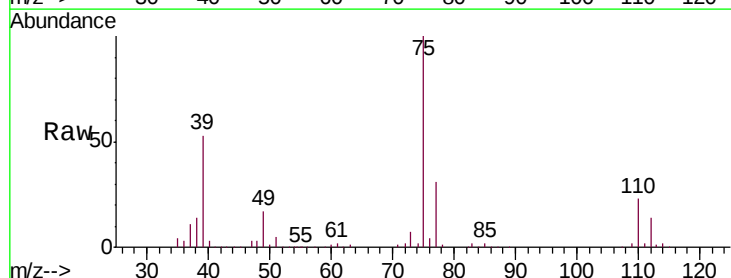
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

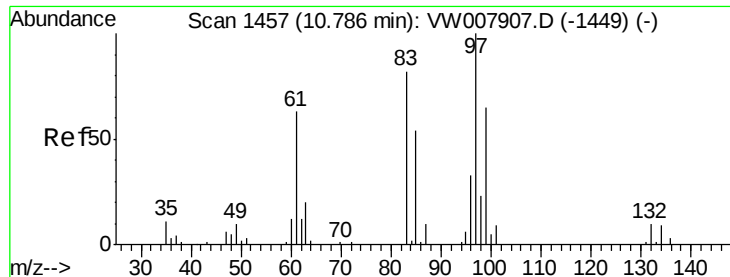
Tgt Ion: 75 Resp: 178156
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 144.999 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

Tgt Ion: 75 Resp: 196325
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.2 39.2
 39 53.0 41.8 62.6

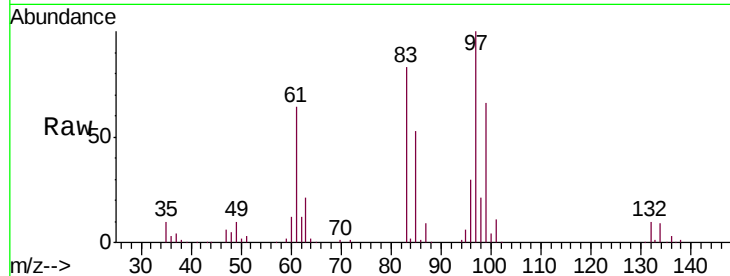




#55
 1,1,2-Trichloroethane
 Concen: 142.997 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:	97	Resp:	92864
Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.8	98.6
85	52.9	43.5	65.3
99	66.5	51.8	77.6



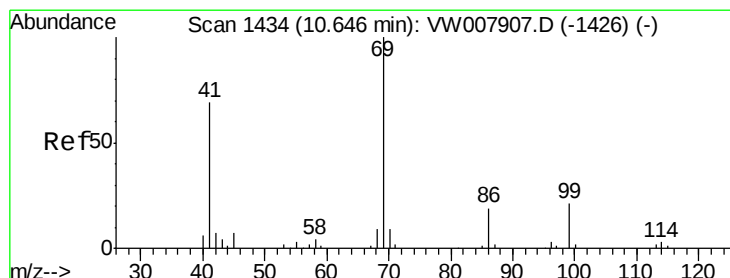
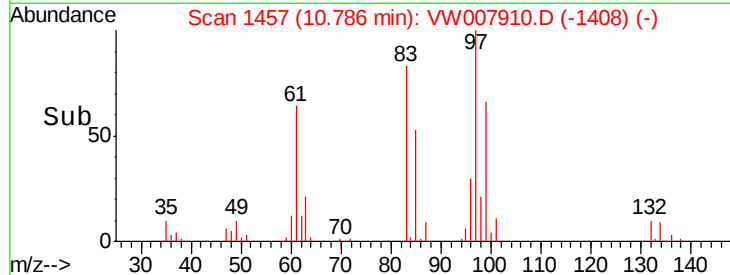
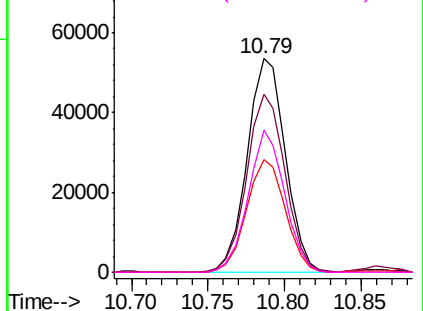
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

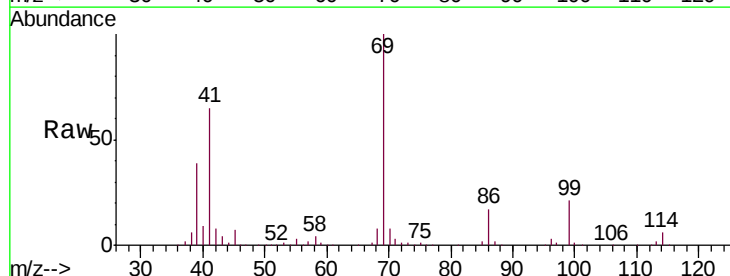
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 159.081 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

Tgt Ion:	69	Resp:	122436
Ion	Ratio	Lower	Upper
69	100		
41	64.6	54.0	81.0
39	37.1	31.1	46.7

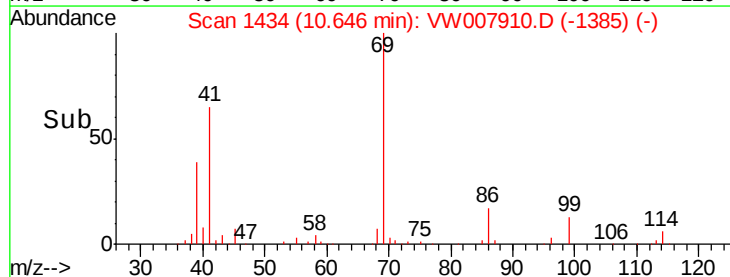
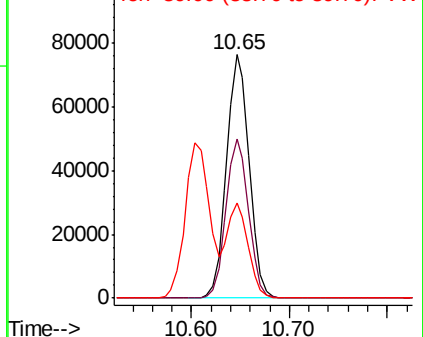


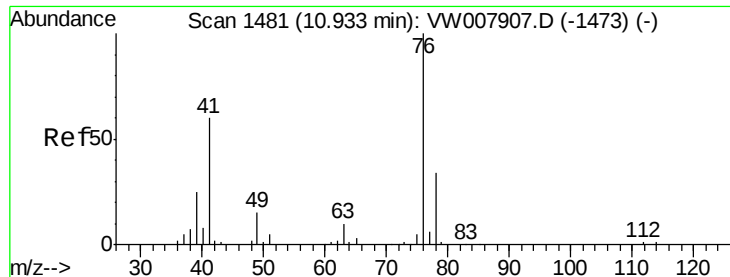
Abundance

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

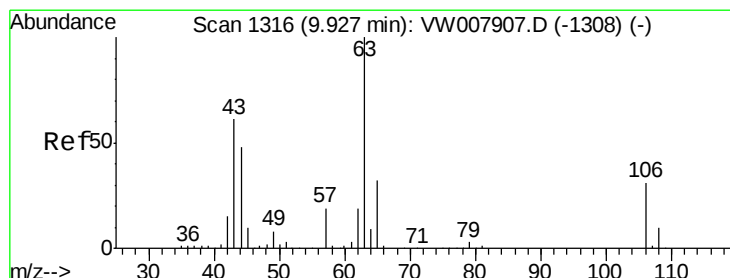
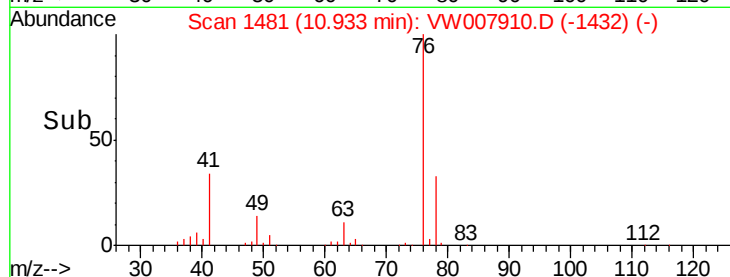
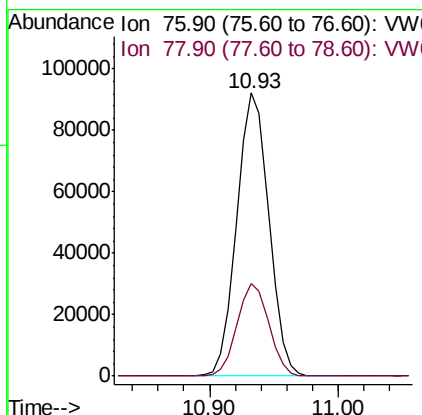
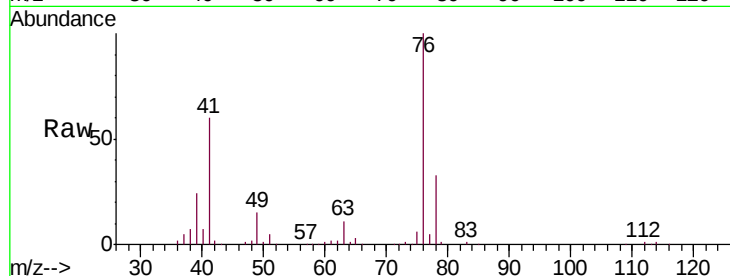




#57
 1,3-Dichloropropane
 Concen: 146.350 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

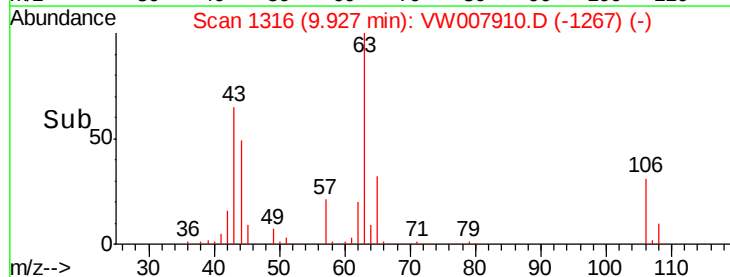
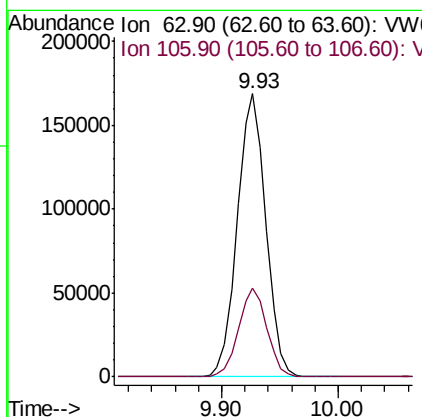
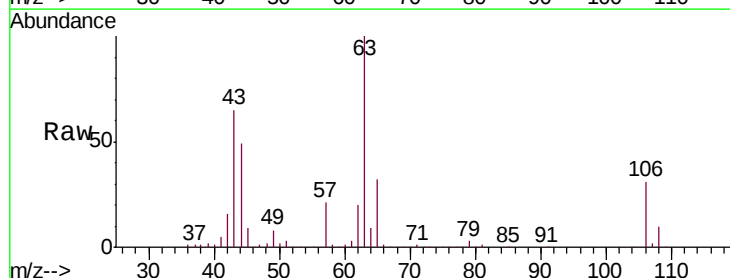
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

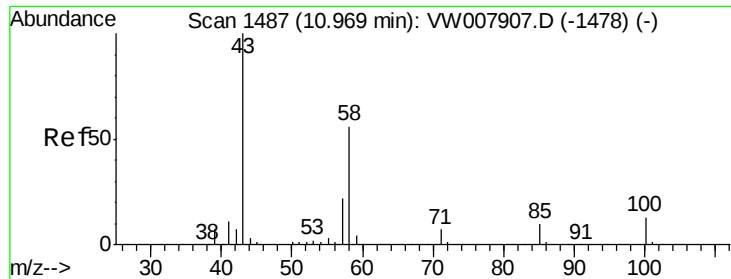
Tgt Ion: 76 Resp: 158500
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 811.070 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

Tgt Ion: 63 Resp: 287267
 Ion Ratio Lower Upper
 63 100
 106 31.1 24.8 37.2





#59

2-Hexanone

Concen: 784.005 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

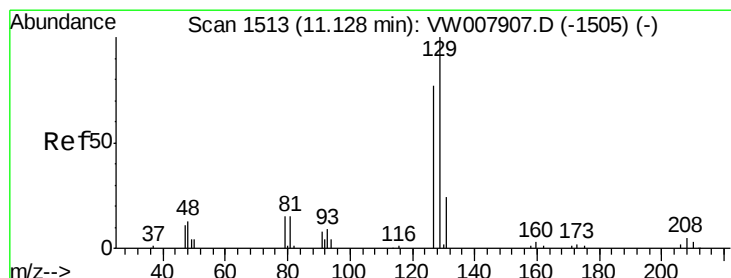
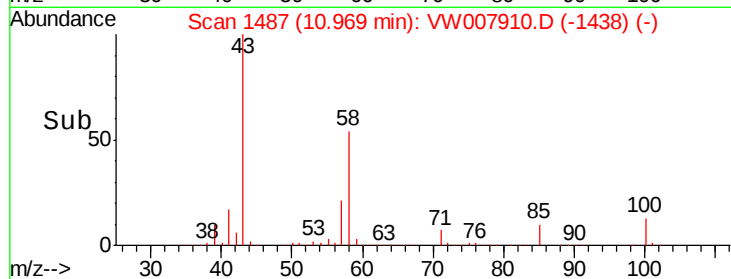
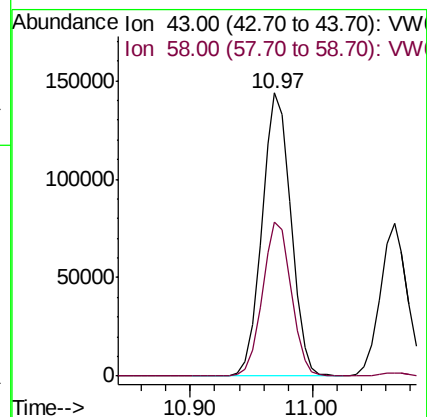
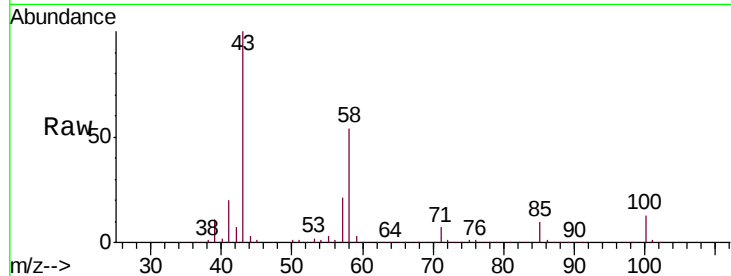
VSTDIC150

Tgt Ion: 43 Resp: 236977

Ion Ratio Lower Upper

43 100

58 54.2 27.4 82.0



#60

Dibromochloromethane

Concen: 139.539 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW007910.D

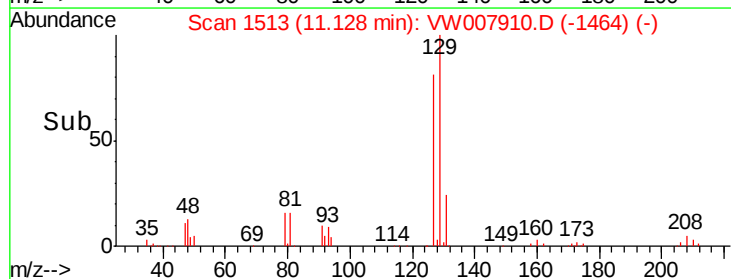
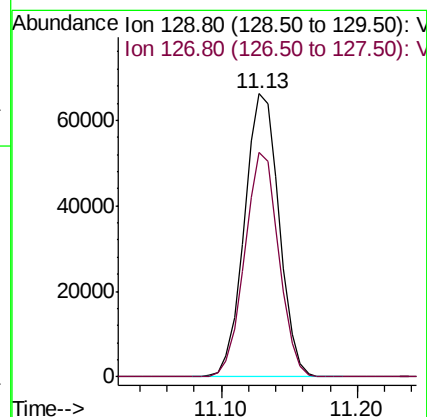
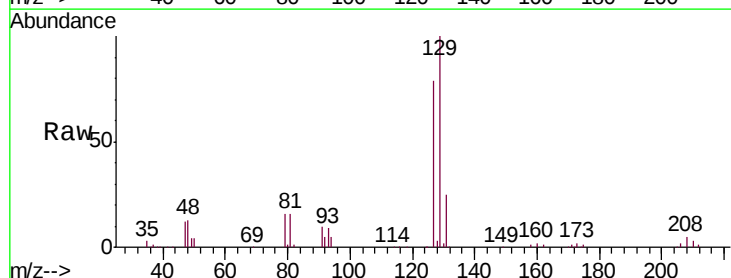
Acq: 25 Dec 2018 01:48

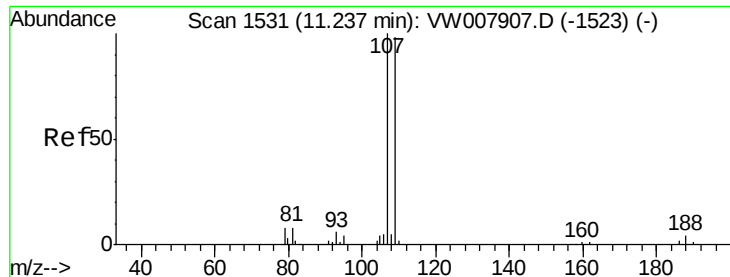
Tgt Ion: 129 Resp: 117985

Ion Ratio Lower Upper

129 100

127 78.0 38.0 113.9

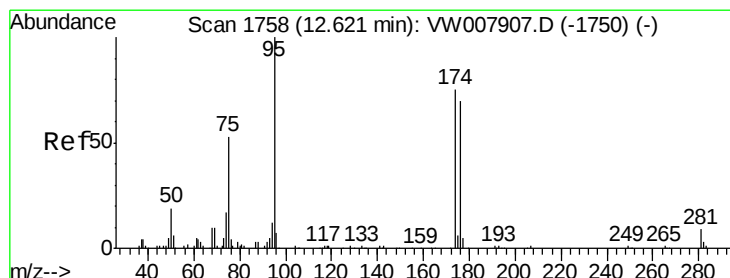
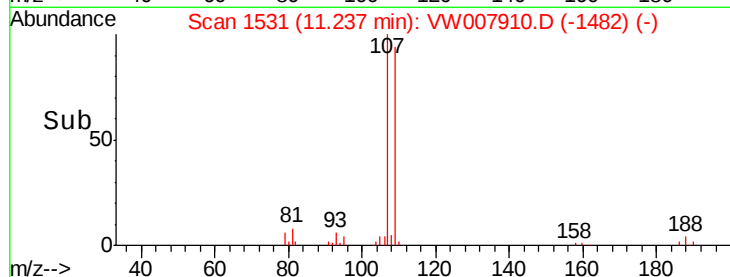
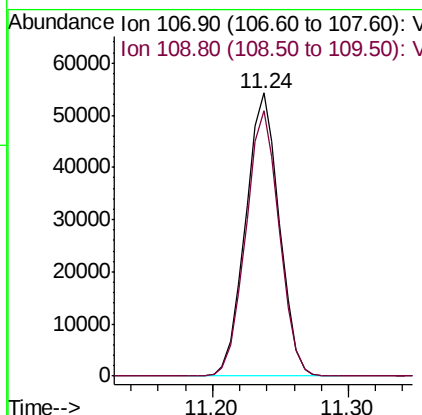
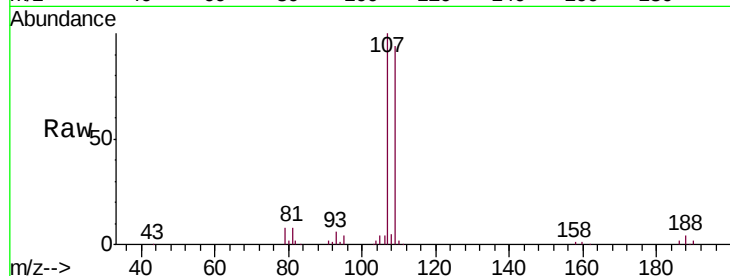




#61
 1,2-Dibromoethane
 Concen: 143.269 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

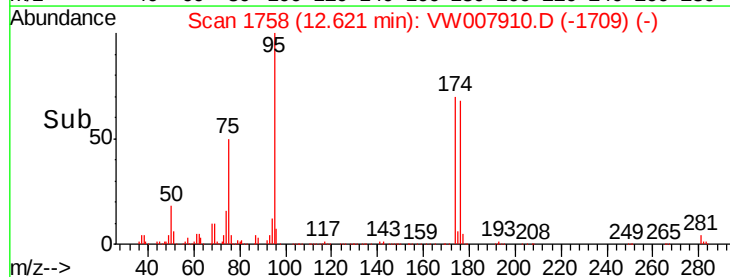
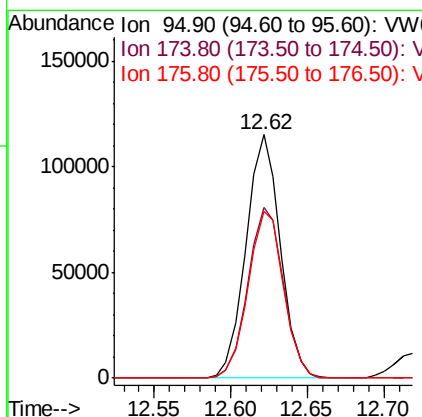
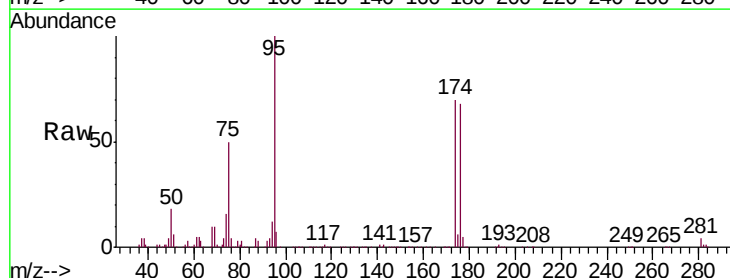
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

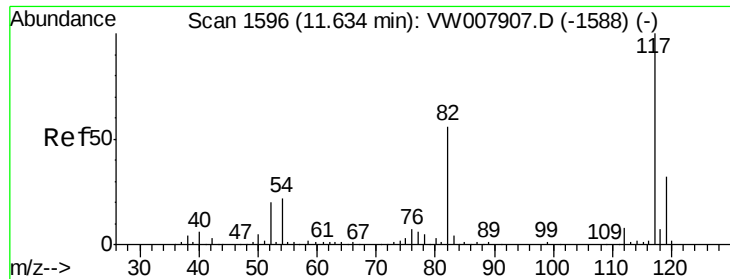
Tgt Ion: 107 Resp: 94027
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.4 114.6



#62
 4-Bromofluorobenzene
 Concen: 150.531 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

Tgt Ion: 95 Resp: 179018
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 145.4
 176 70.8 0.0 140.2

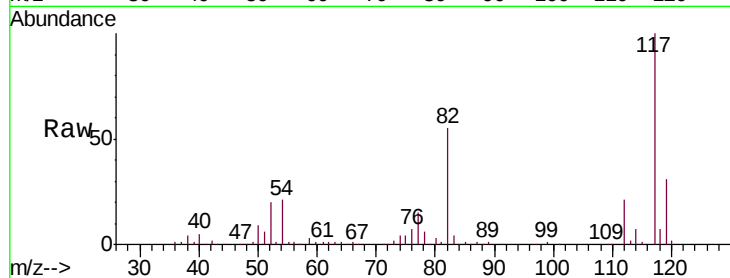




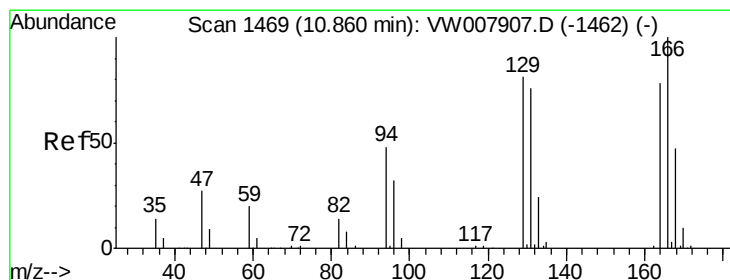
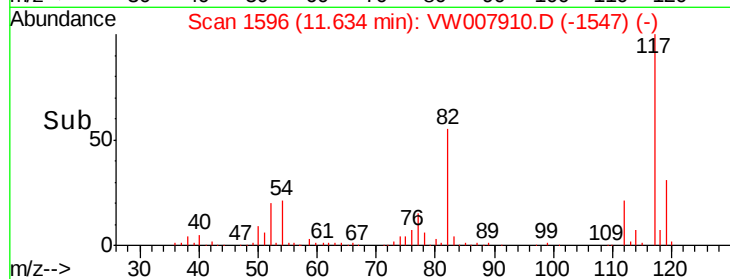
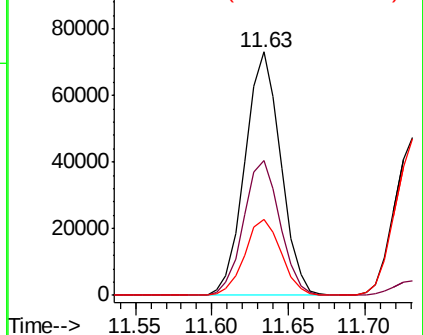
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 118978
Ion Ratio Lower Upper
117 100
82 55.3 45.1 67.7
119 31.4 25.8 38.8

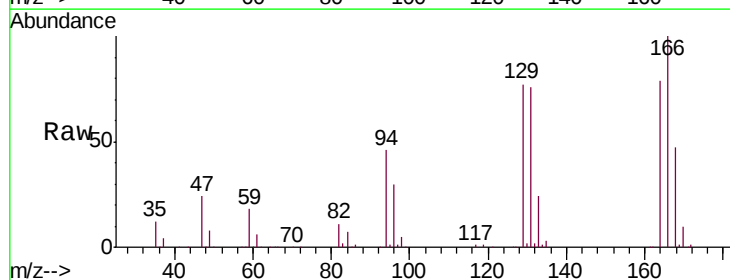


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

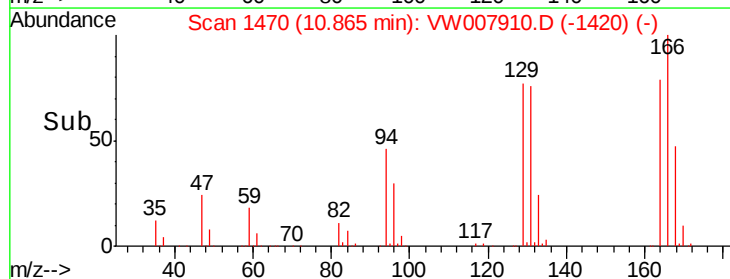
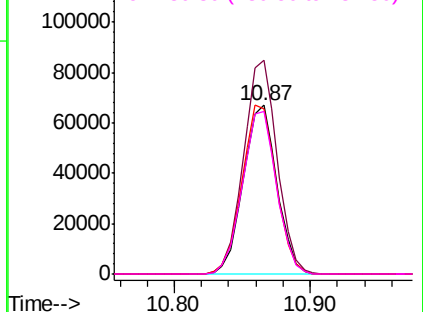


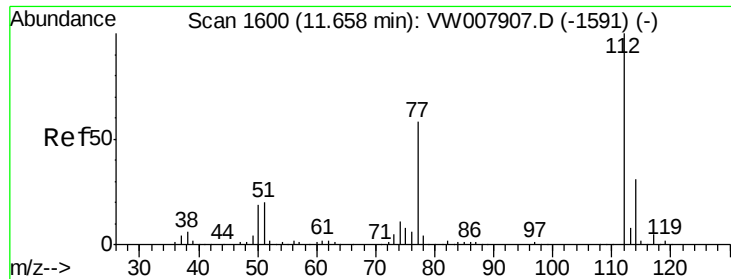
#64
Tetrachloroethene
Concen: 136.591 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Tgt Ion:164 Resp: 115267
Ion Ratio Lower Upper
164 100
166 126.7 102.1 153.1
129 98.0 82.3 123.5
131 96.6 77.6 116.4



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

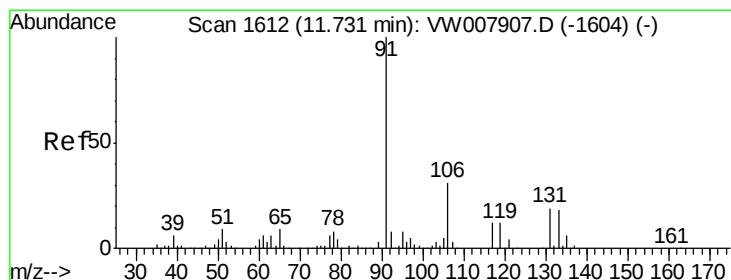
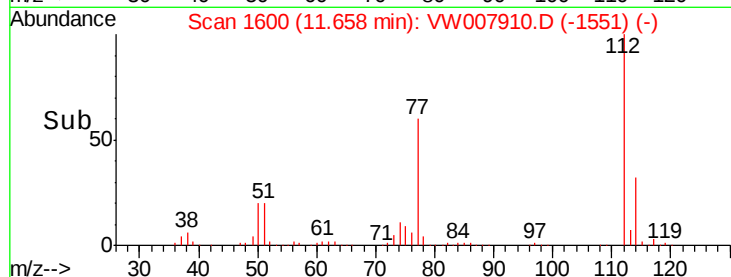
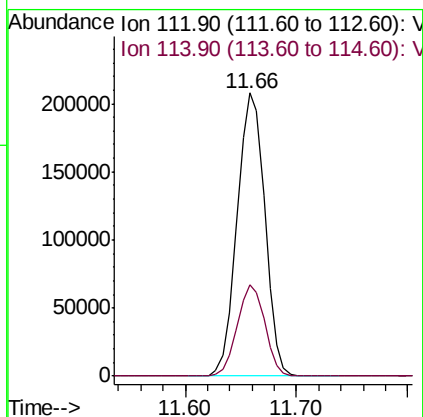
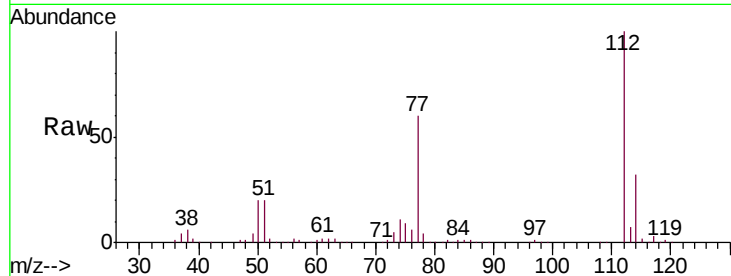




#65
Chlorobenzene
Concen: 138.659 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

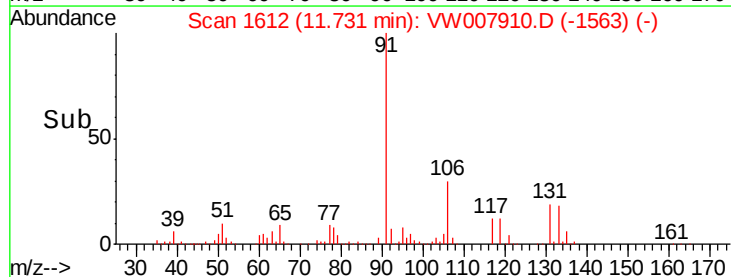
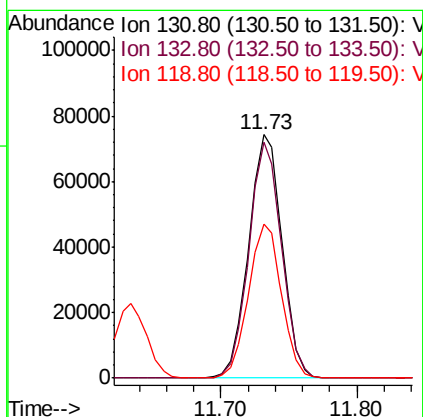
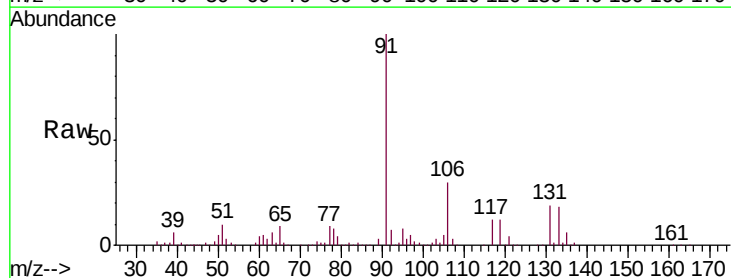
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

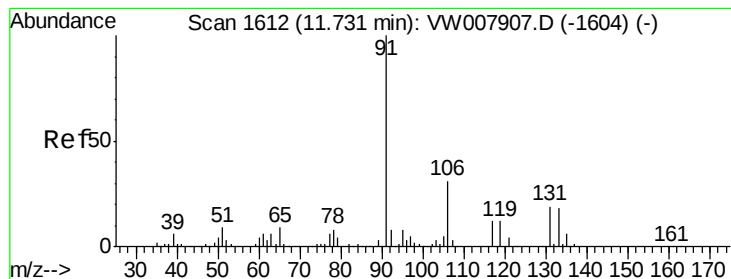
Tgt Ion:112 Resp: 358243
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 139.407 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Tgt Ion:131 Resp: 127910
Ion Ratio Lower Upper
131 100
133 94.9 48.4 145.3
119 62.7 31.6 95.0





#67

Ethyl Benzene

Concen: 142.081 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

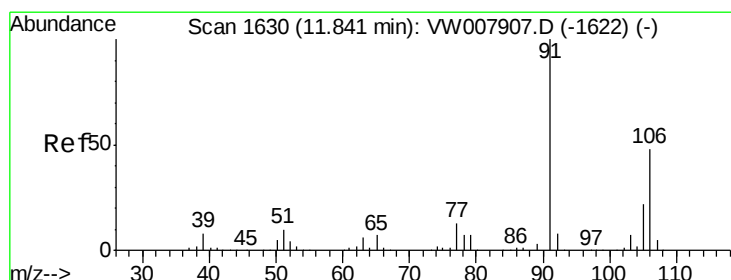
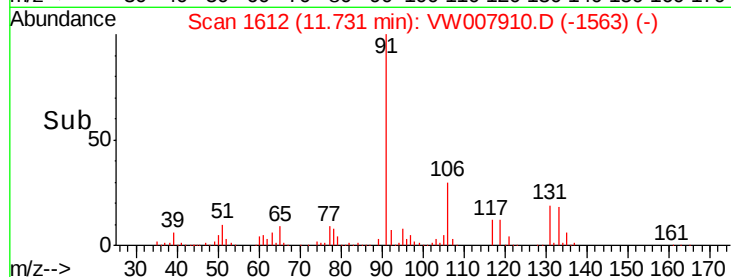
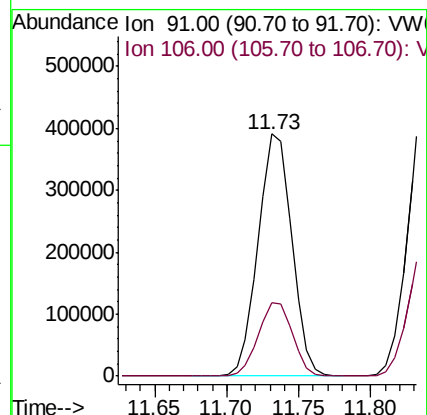
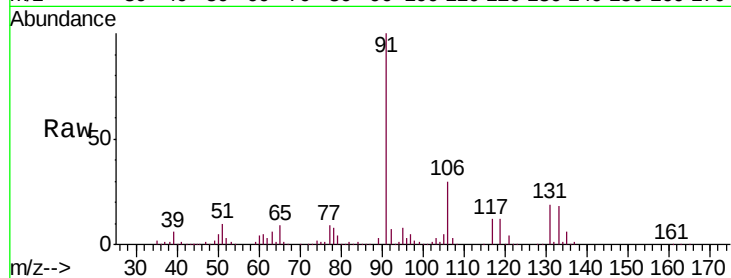
VSTDIC150

Tgt Ion: 91 Resp: 631717

Ion Ratio Lower Upper

91 100

106 30.3 24.6 37.0



#68

m/p-Xylenes

Concen: 278.364 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW007910.D

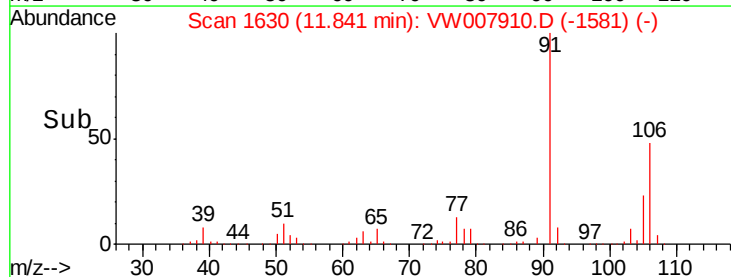
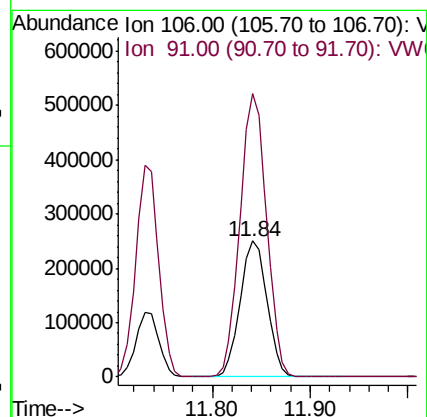
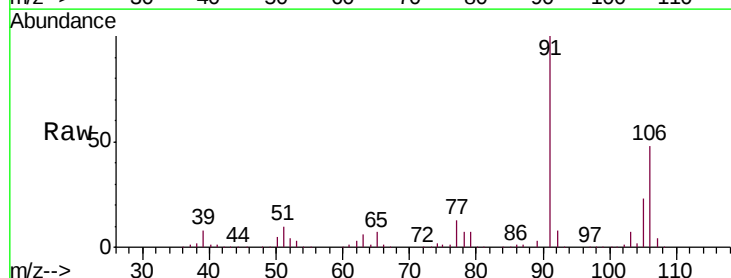
Acq: 25 Dec 2018 01:48

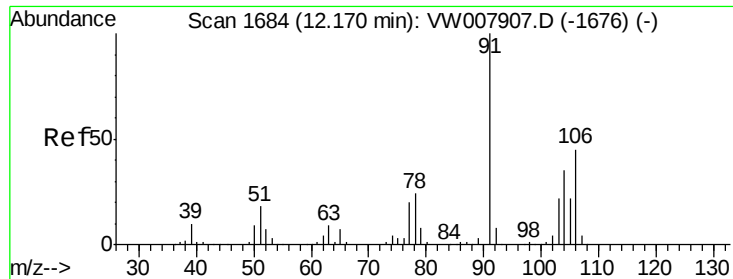
Tgt Ion: 106 Resp: 478140

Ion Ratio Lower Upper

106 100

91 206.4 166.6 249.8

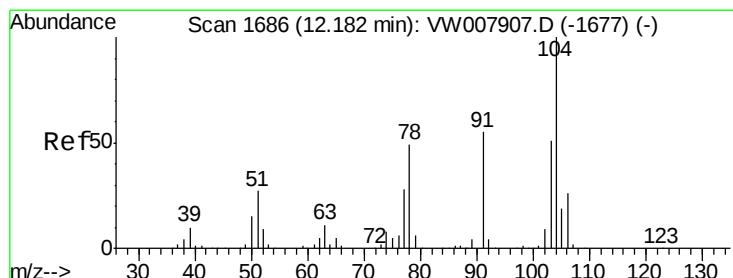
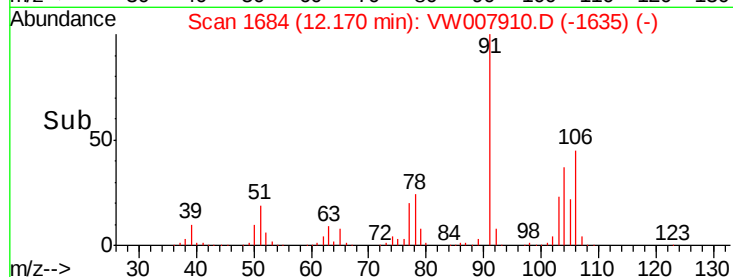
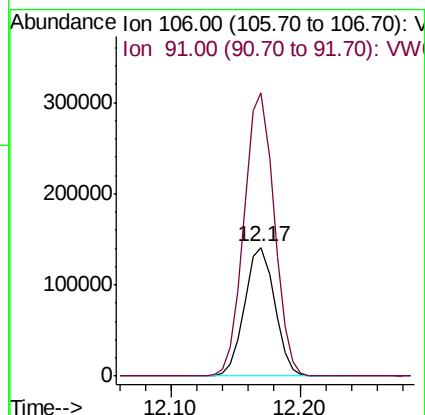
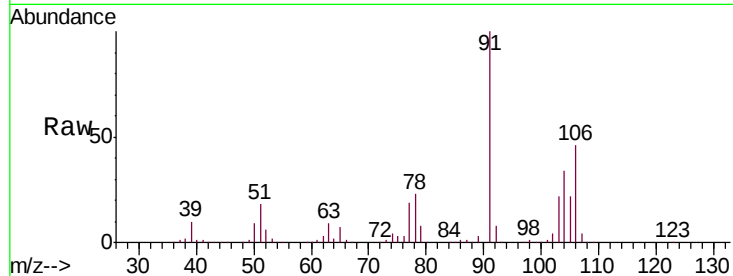




#69
o-Xylene
Concen: 141.545 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

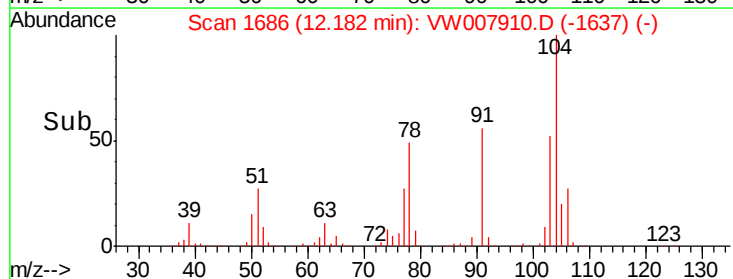
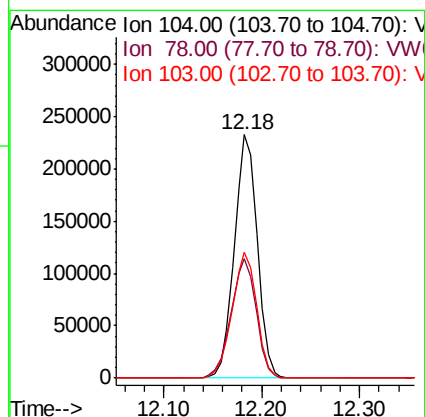
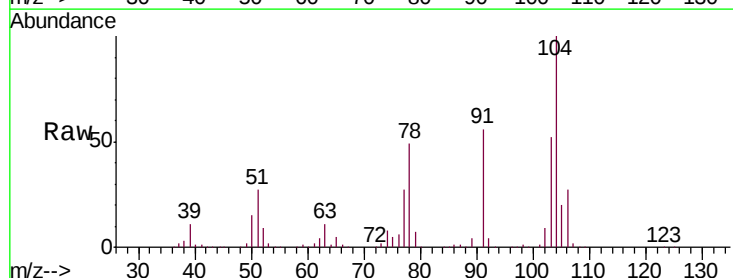
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

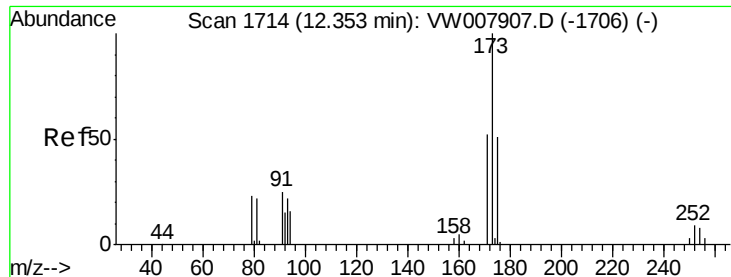
Tgt Ion:106 Resp: 228399
Ion Ratio Lower Upper
106 100
91 219.9 110.3 331.0



#70
Styrene
Concen: 142.468 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Tgt Ion:104 Resp: 378201
Ion Ratio Lower Upper
104 100
78 53.6 43.1 64.7
103 55.4 44.1 66.1





#71

Bromoform

Concen: 138.154 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

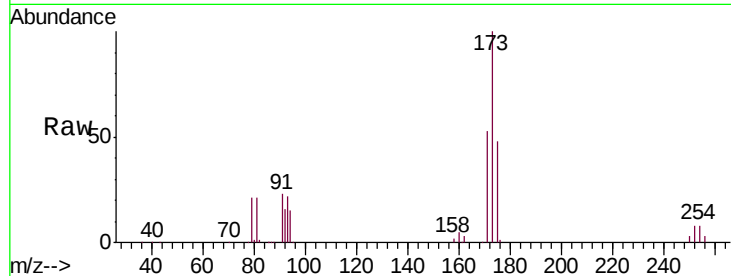
Tgt Ion:173 Resp: 64642

Ion Ratio Lower Upper

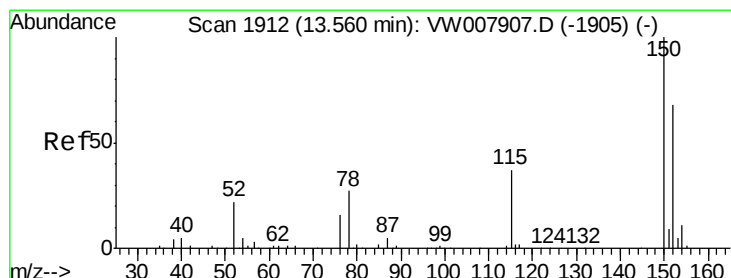
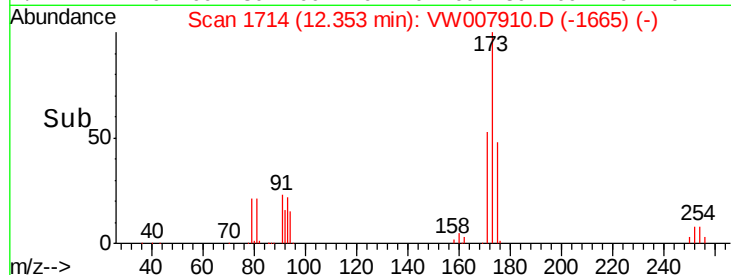
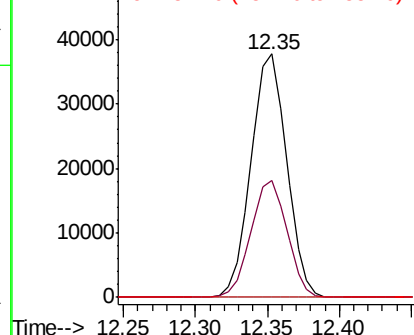
173 100

175 48.3 24.9 74.7

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: VW007910.D

Acq: 25 Dec 2018 01:48

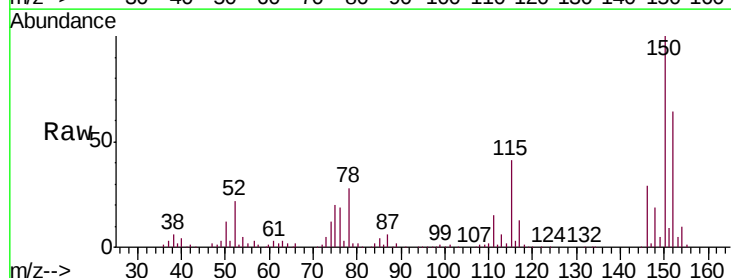
Tgt Ion:152 Resp: 56166

Ion Ratio Lower Upper

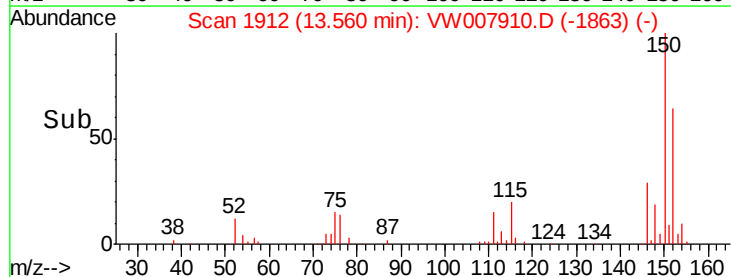
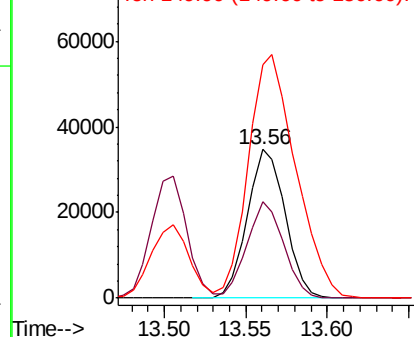
152 100

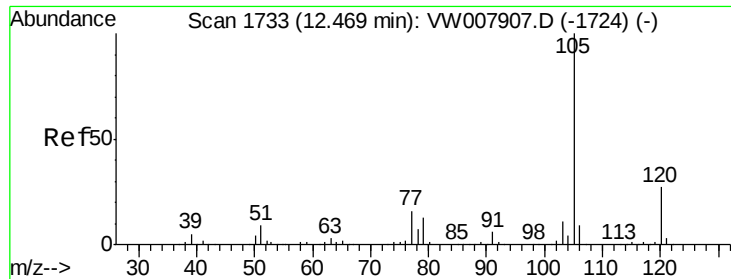
115 63.5 31.9 95.9

150 204.9 0.0 349.4



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: 148.812 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

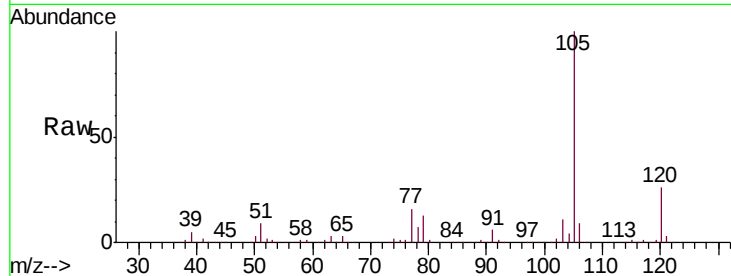
VSTDIC150

Tgt Ion: 105 Resp: 636508

Ion Ratio Lower Upper

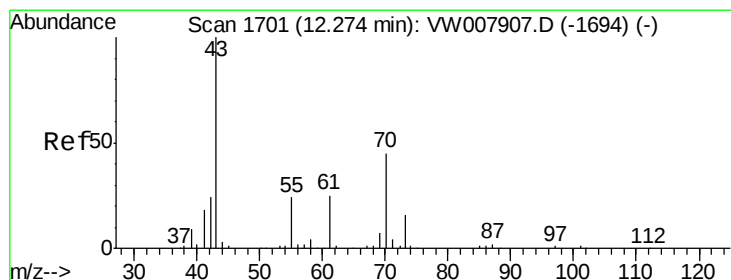
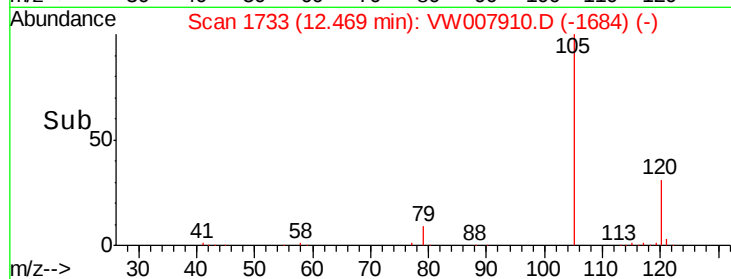
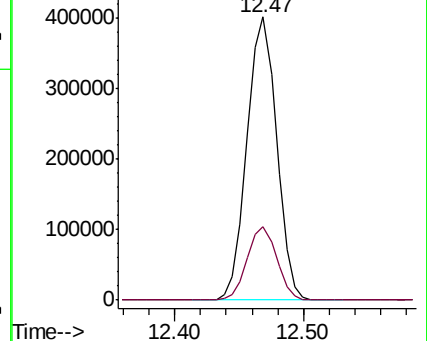
105 100

120 25.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 173.666 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Tgt Ion: 43 Resp: 132789

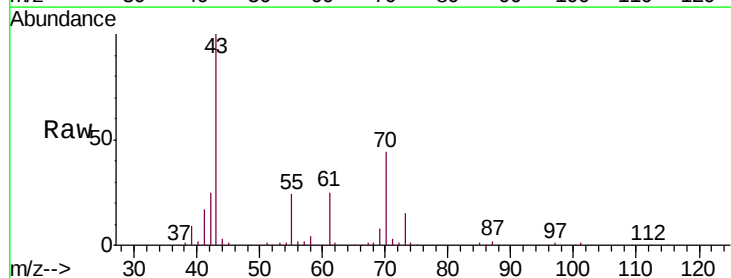
Ion Ratio Lower Upper

43 100

70 43.9 35.4 53.0

55 24.3 19.3 28.9

61 24.8 19.4 29.2

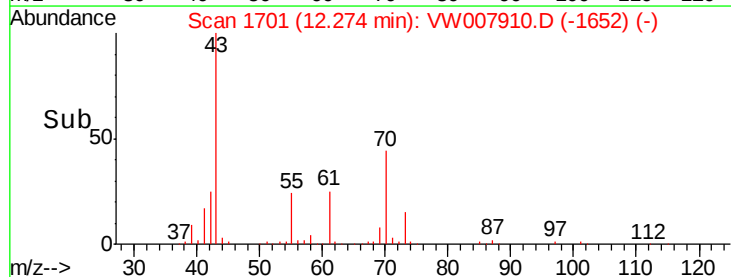
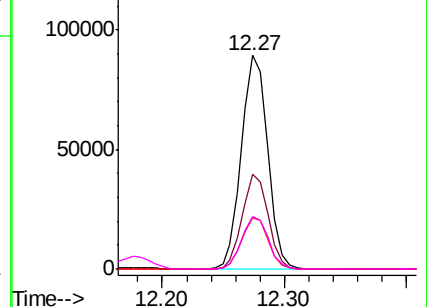


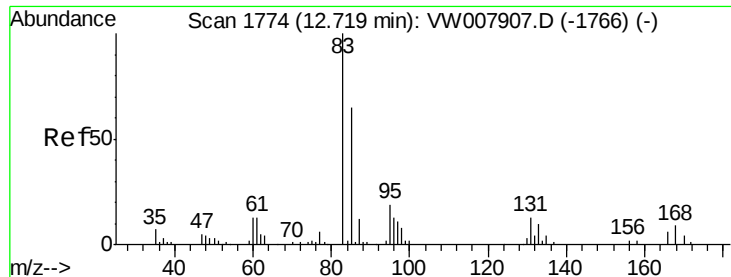
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 156.713 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

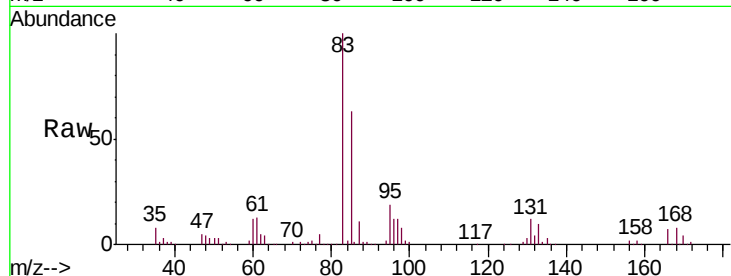
Tgt Ion: 83 Resp: 101850

Ion Ratio Lower Upper

83 100

131 12.3 6.2 18.4

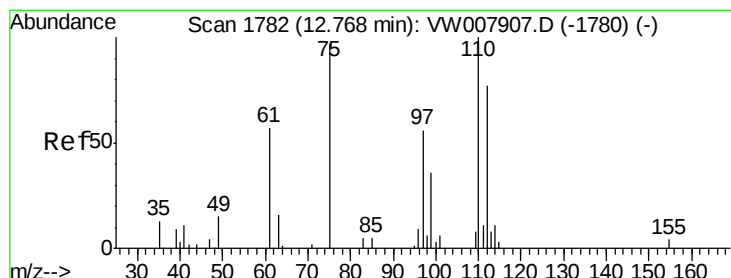
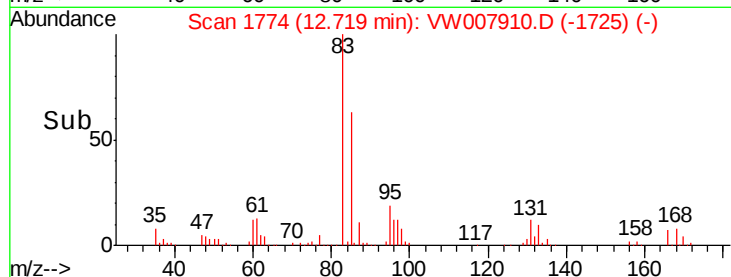
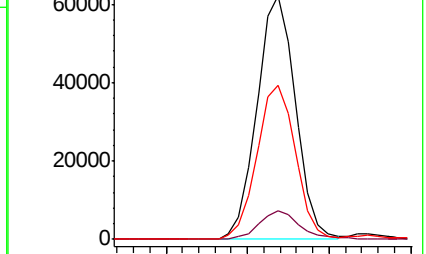
85 63.5 32.1 96.3



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: 317.680 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW007910.D

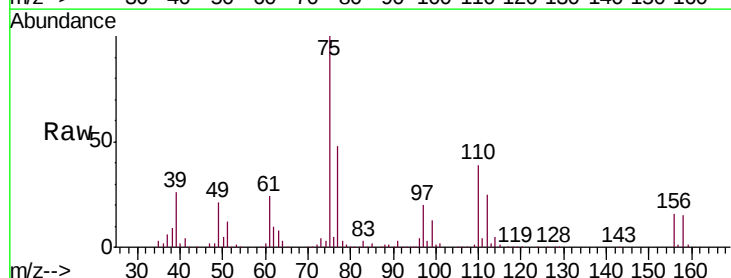
Acq: 25 Dec 2018 01:48

Tgt Ion: 75 Resp: 141821

Ion Ratio Lower Upper

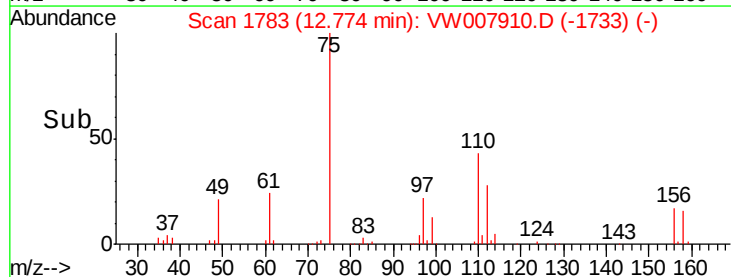
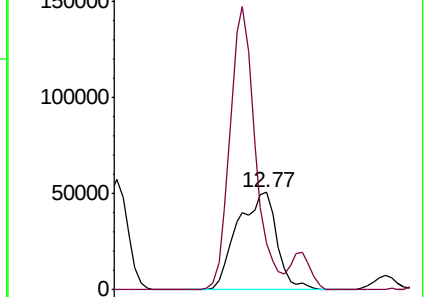
75 100

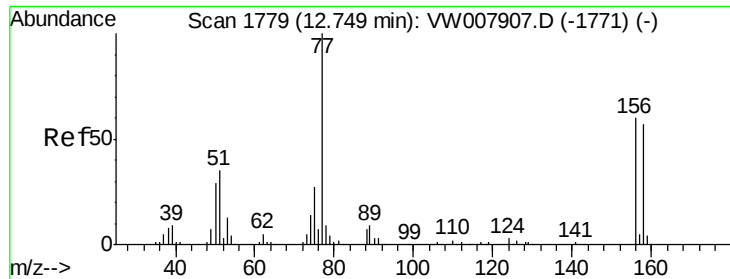
77 0.0 165.9 497.7#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 145.689 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

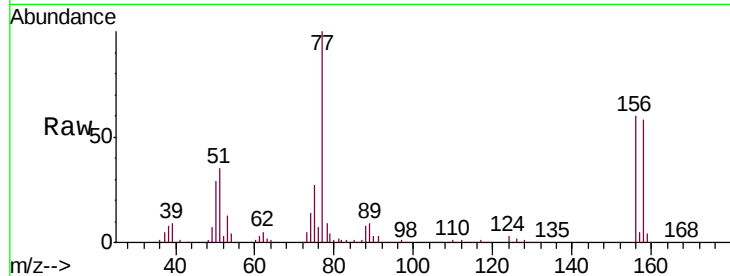
Tgt Ion: 156 Resp: 142514

Ion Ratio Lower Upper

156 100

77 186.9 94.0 282.0

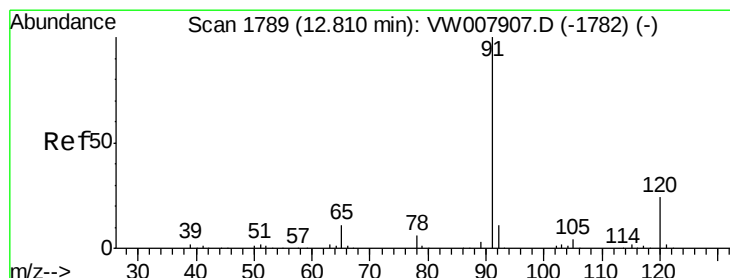
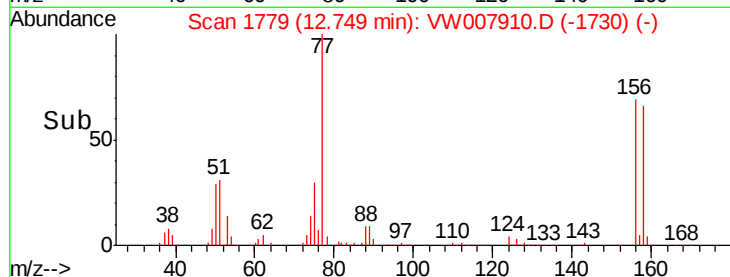
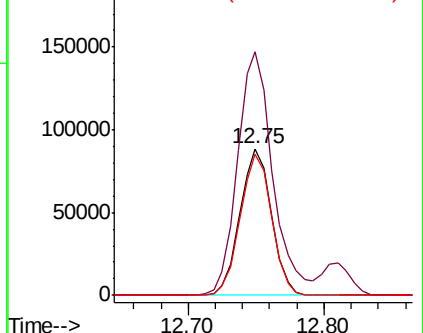
158 96.5 48.6 145.8



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: 147.680 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007910.D

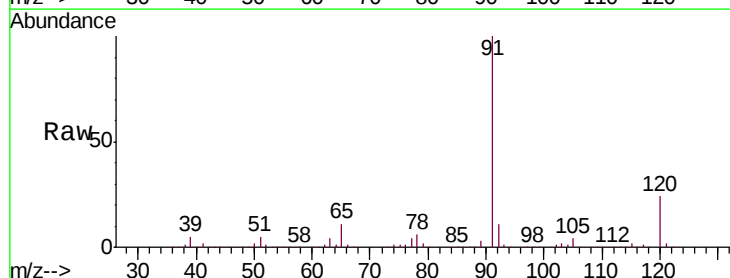
Acq: 25 Dec 2018 01:48

Tgt Ion: 91 Resp: 735748

Ion Ratio Lower Upper

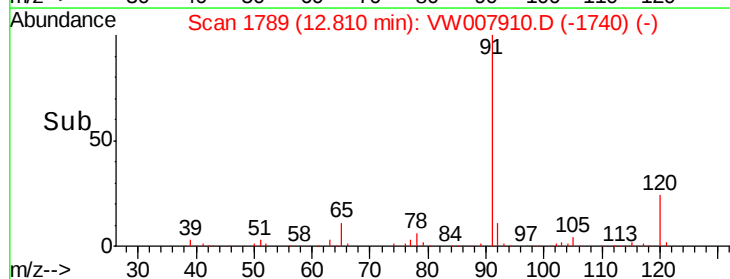
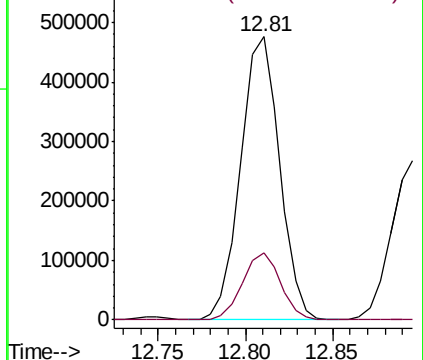
91 100

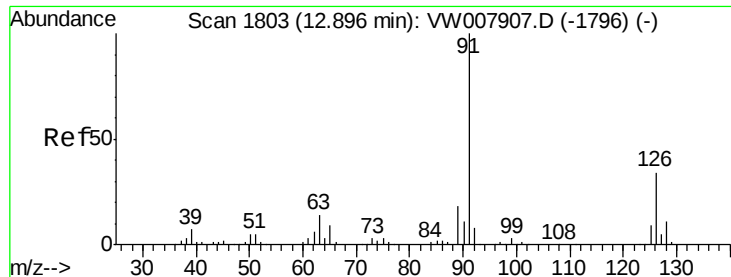
120 23.3 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

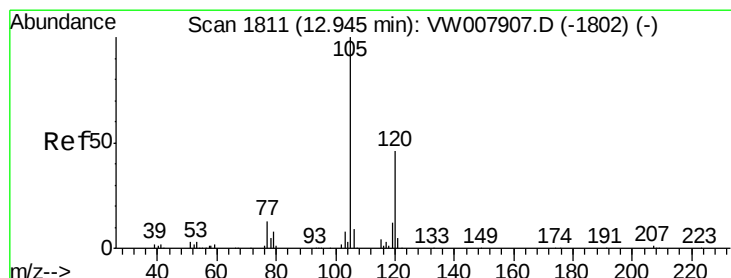
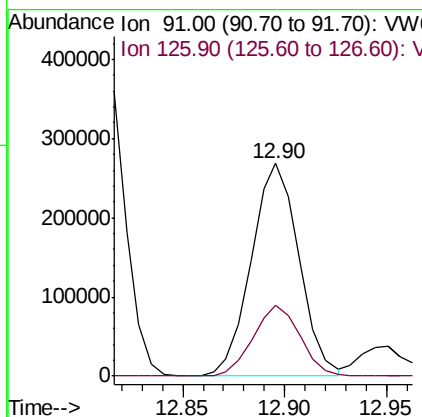
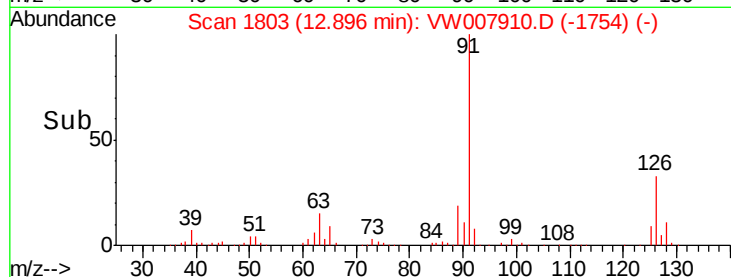
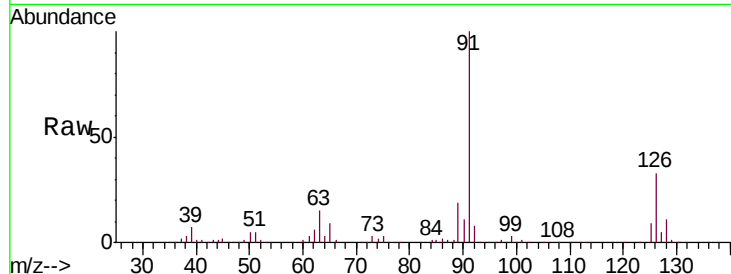




#79
 2-Chlorotoluene
 Concen: 149.430 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

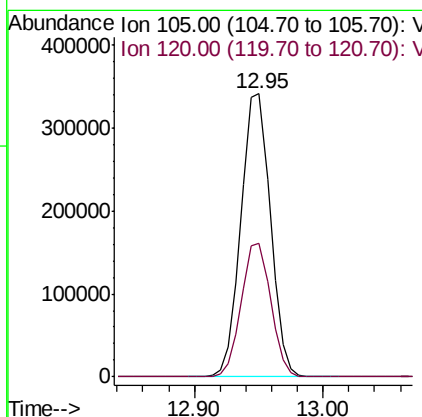
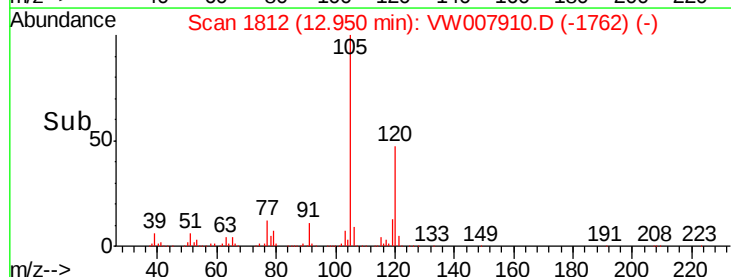
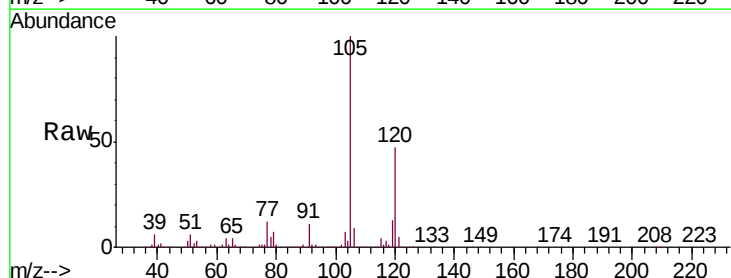
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

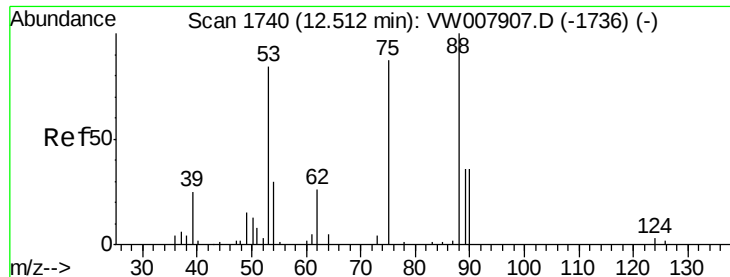
Tgt Ion: 91 Resp: 435883
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 146.414 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

Tgt Ion: 105 Resp: 540237
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.0

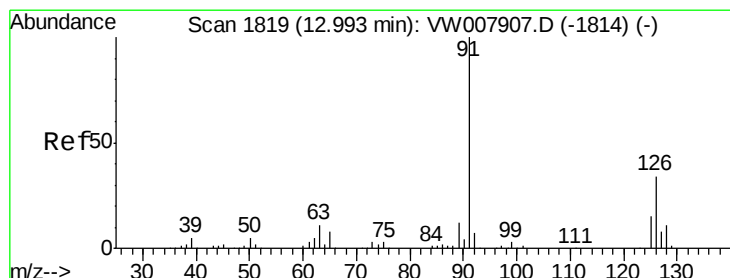
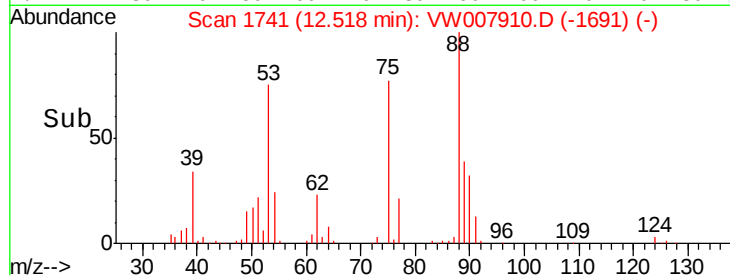
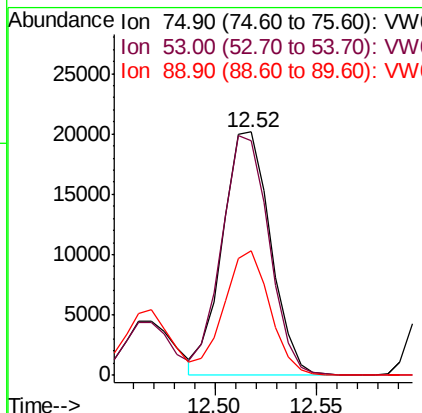
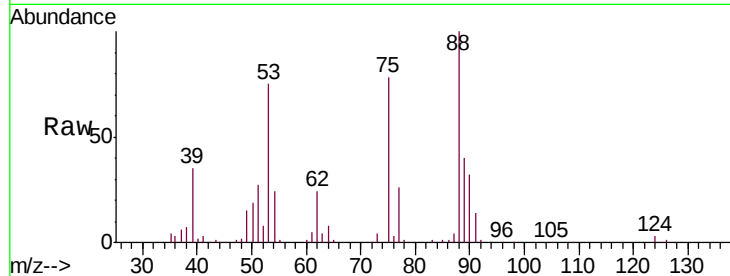




#81
trans-1,4-Dichloro-2-butene
Concen: 158.930 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

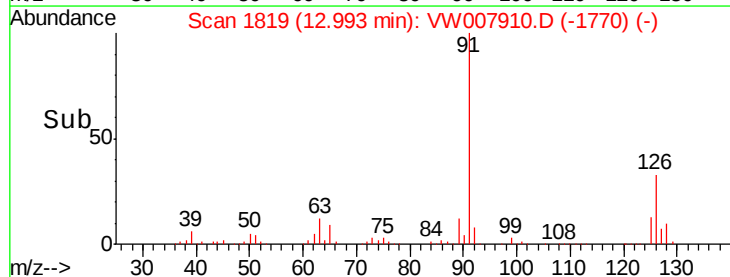
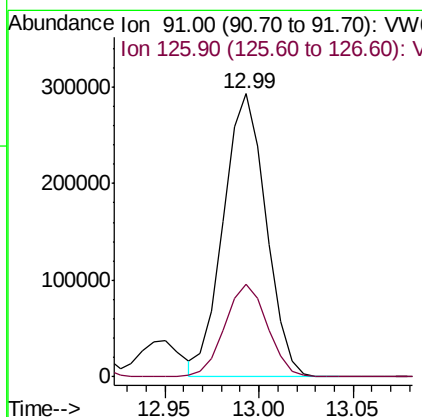
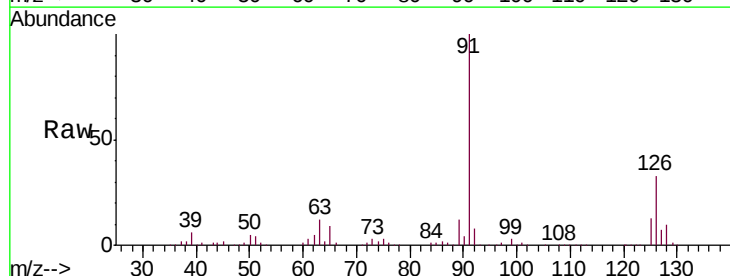
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

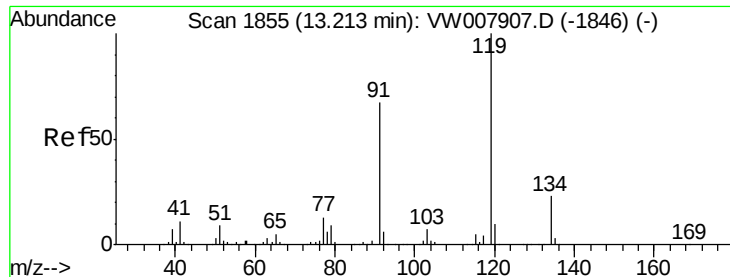
Tgt Ion: 75 Resp: 33005
Ion Ratio Lower Upper
75 100
53 97.1 79.8 119.8
89 49.0 37.1 55.7



#82
4-Chlorotoluene
Concen: 148.699 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Tgt Ion: 91 Resp: 459708
Ion Ratio Lower Upper
91 100
126 32.7 16.5 49.5

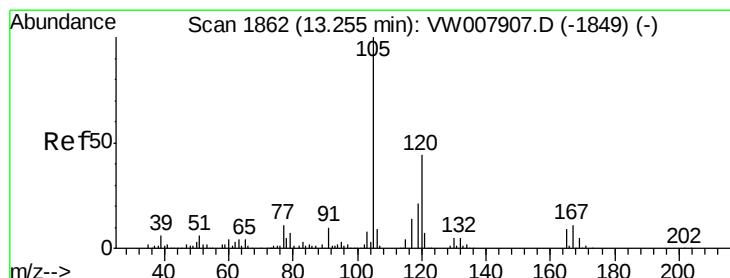
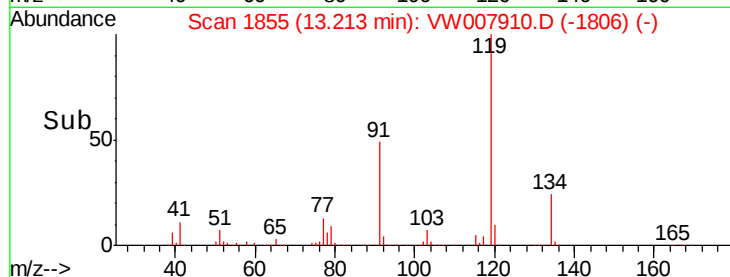
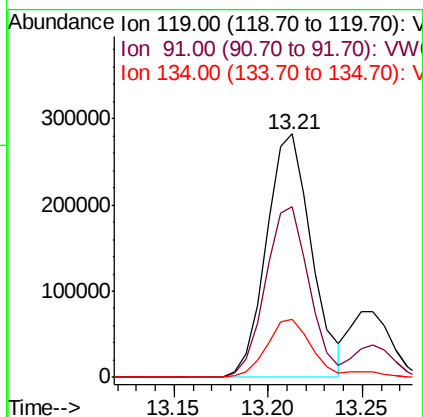
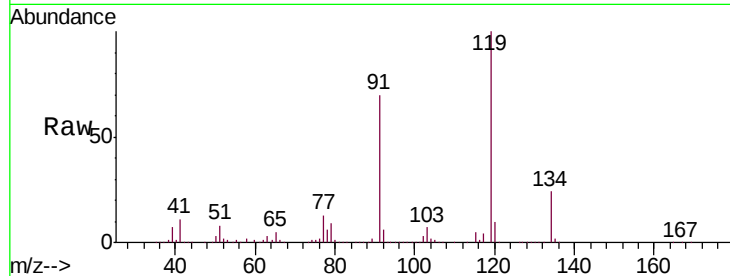




#83
tert-Butylbenzene
Concen: 144.750 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

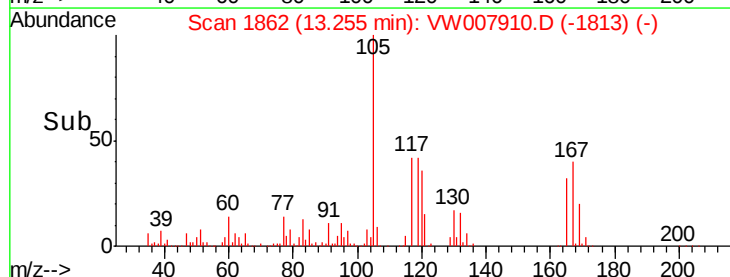
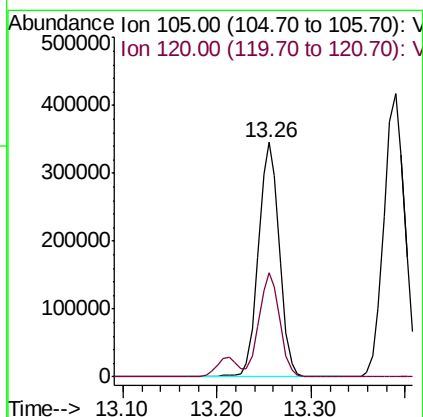
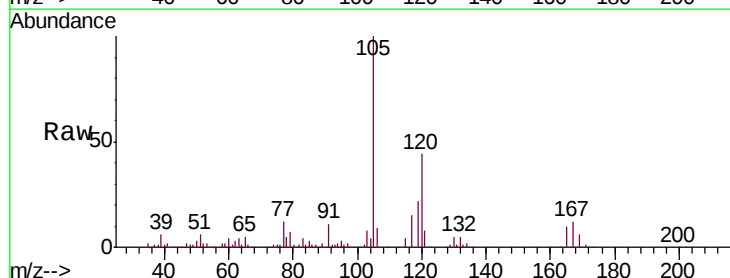
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

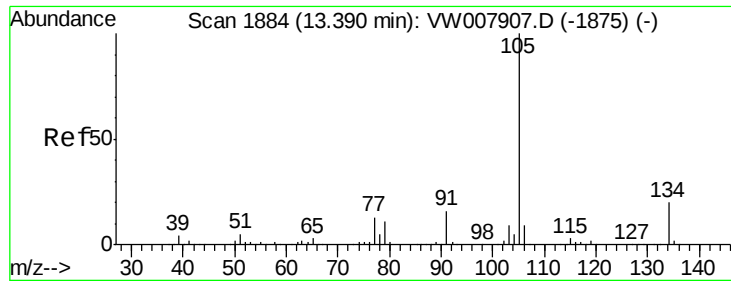
Tgt Ion:119 Resp: 468551
Ion Ratio Lower Upper
119 100
91 67.9 33.8 101.3
134 23.6 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 145.362 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Tgt Ion:105 Resp: 541514
Ion Ratio Lower Upper
105 100
120 43.3 22.1 66.5

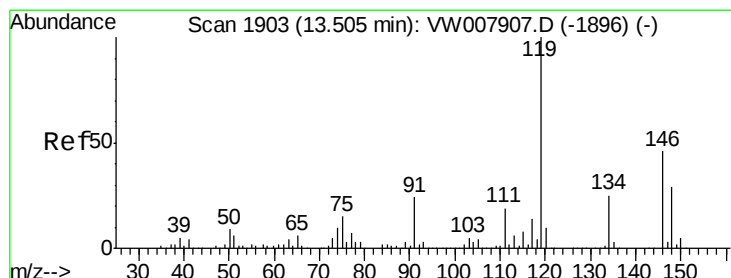
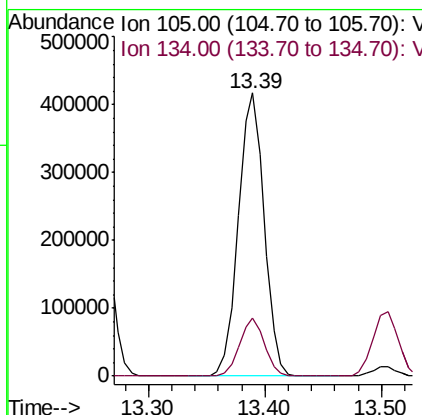
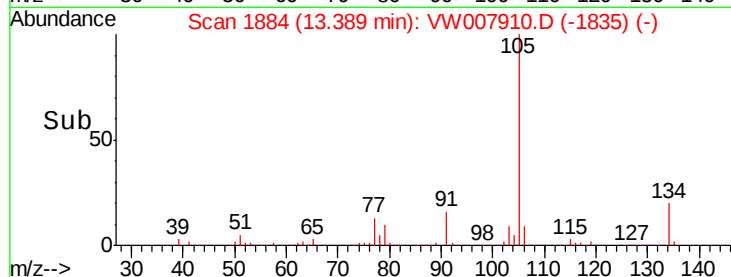
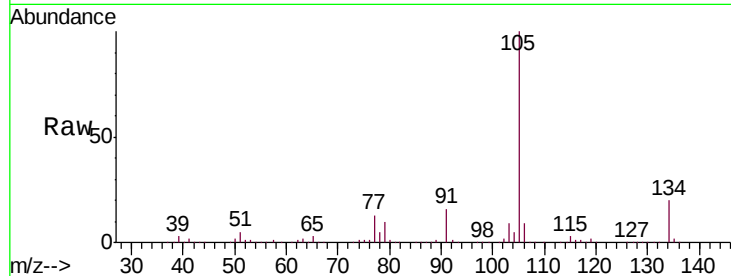




#85
 sec-Butylbenzene
 Concen: 144.490 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

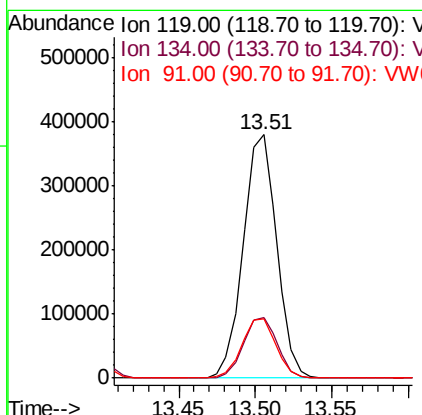
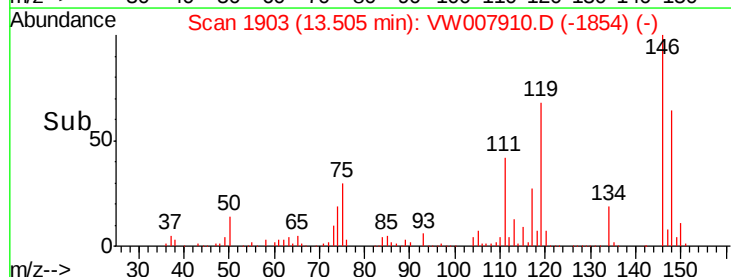
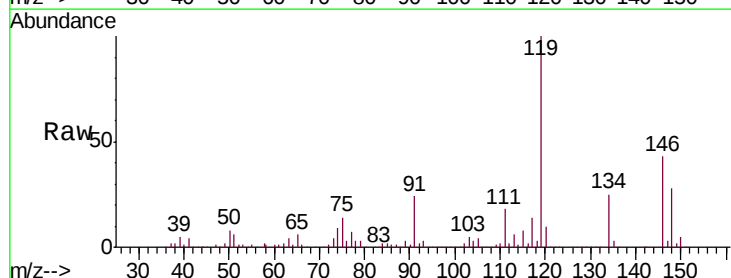
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

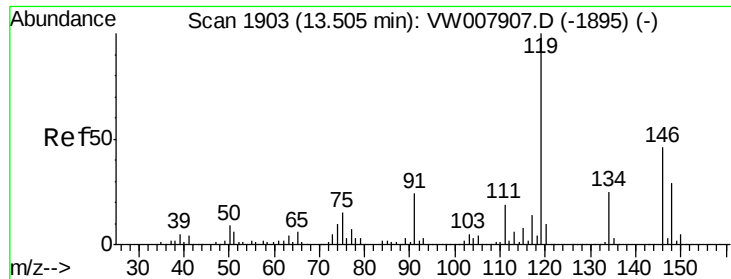
Tgt Ion:105 Resp: 643834
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 142.147 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

Tgt Ion:119 Resp: 574840
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 24.8 12.7 38.1

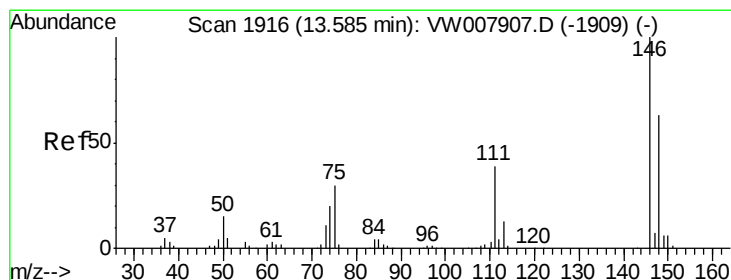
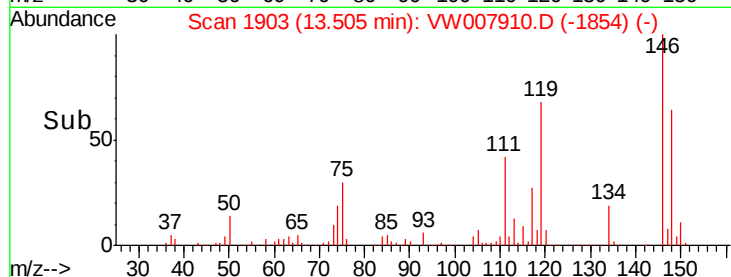
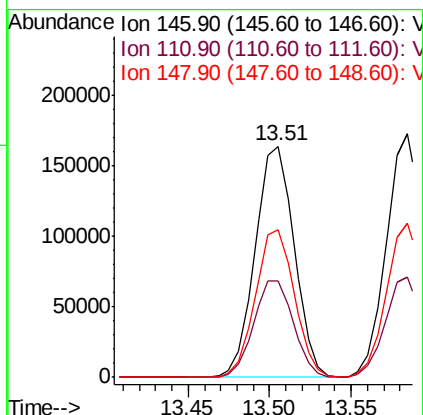
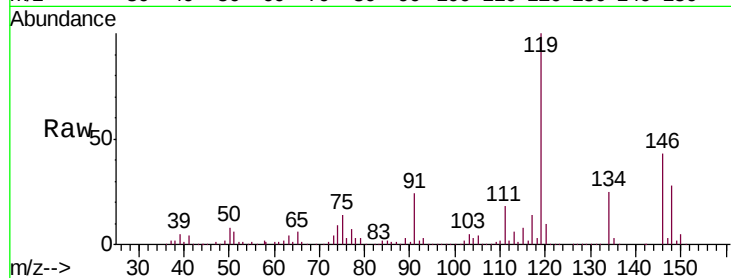




#87
 1,3-Dichlorobenzene
 Concen: 140.003 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

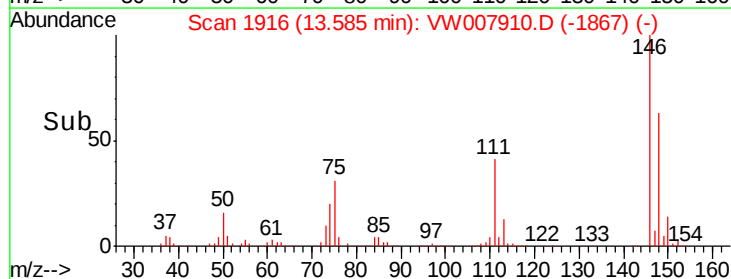
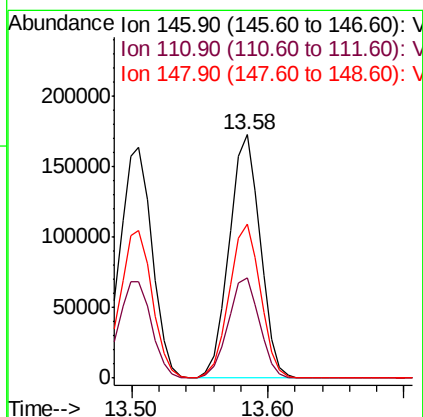
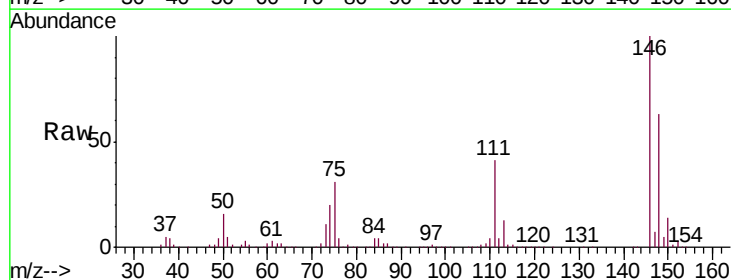
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

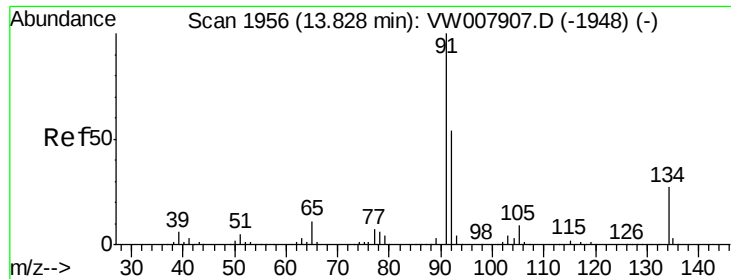
Tgt Ion:146 Resp: 272353
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.4 64.2
 148 63.4 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 141.133 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

Tgt Ion:146 Resp: 273707
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 63.8 31.9 95.5





#89

n-Butylbenzene

Concen: 141.864 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

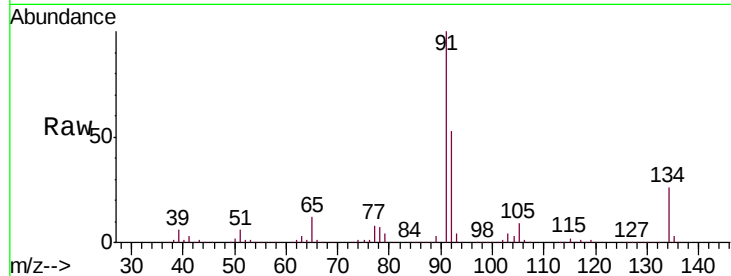
Tgt Ion: 91 Resp: 526368

Ion Ratio Lower Upper

91 100

92 53.2 26.8 80.4

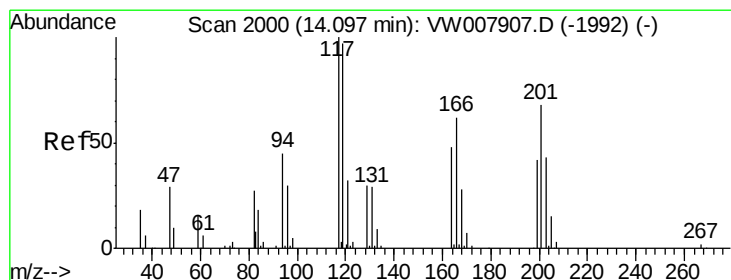
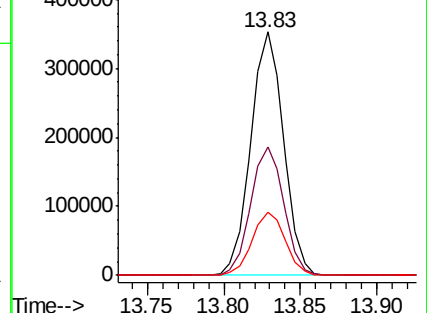
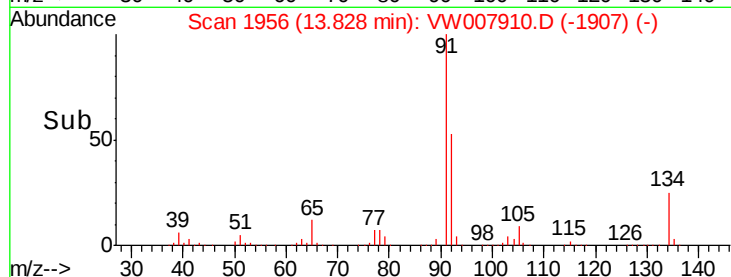
134 26.1 13.2 39.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 141.241 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007910.D

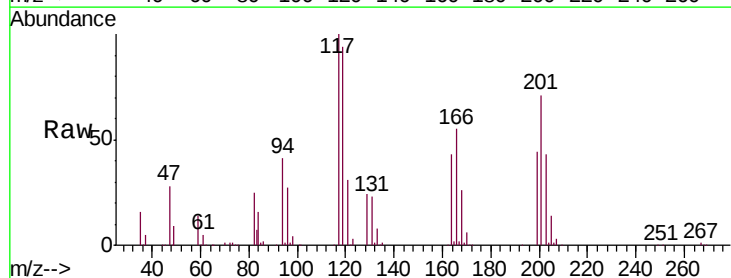
Acq: 25 Dec 2018 01:48

Tgt Ion: 117 Resp: 98949

Ion Ratio Lower Upper

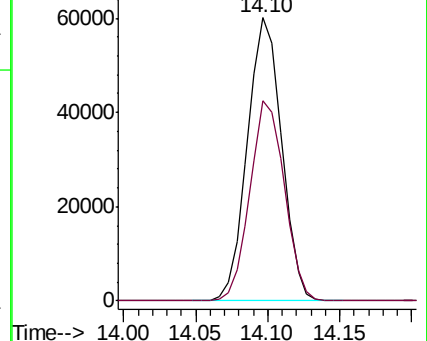
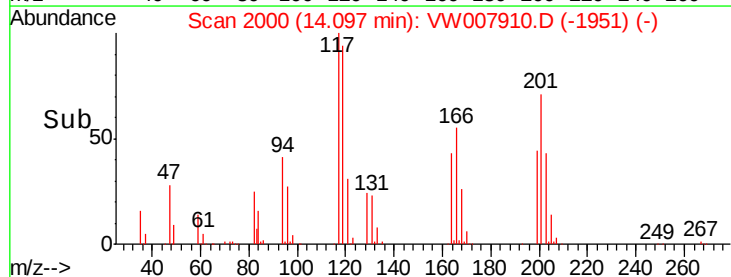
117 100

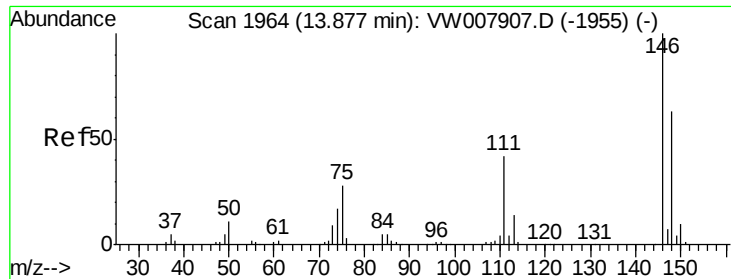
201 71.0 35.0 105.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 141.053 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

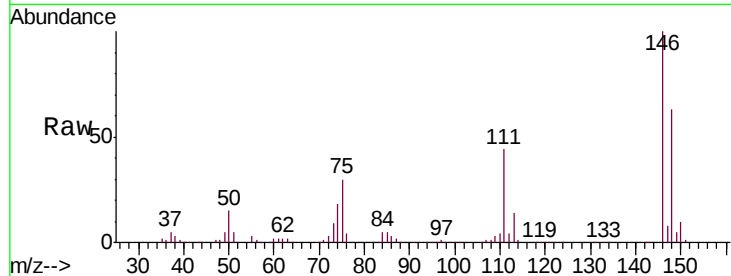
Tgt Ion:146 Resp: 245496

Ion Ratio Lower Upper

146 100

111 44.8 22.0 66.0

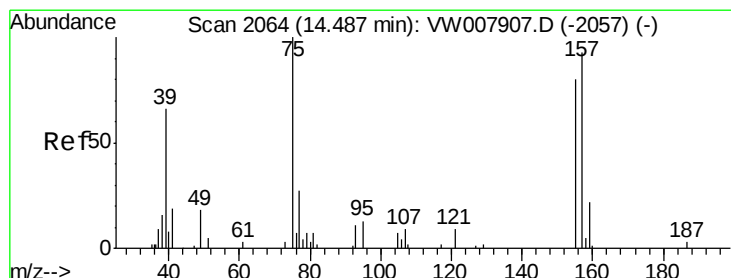
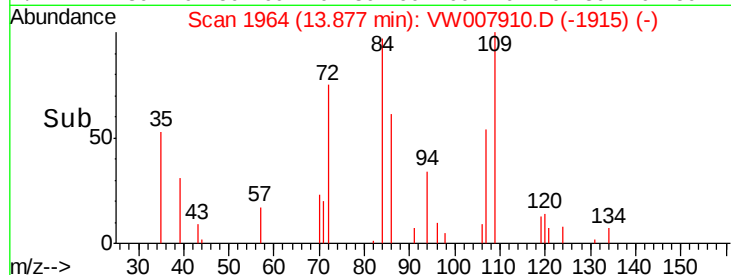
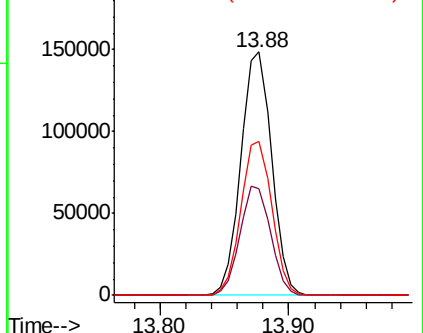
148 63.7 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 148.791 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW007910.D

Acq: 25 Dec 2018 01:48

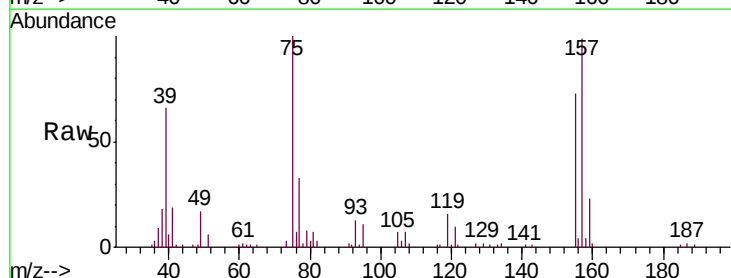
Tgt Ion: 75 Resp: 19672

Ion Ratio Lower Upper

75 100

155 79.1 38.8 116.3

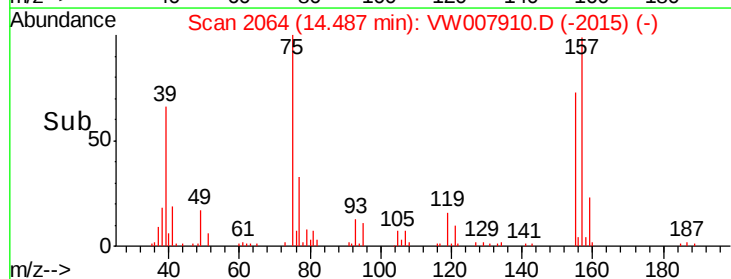
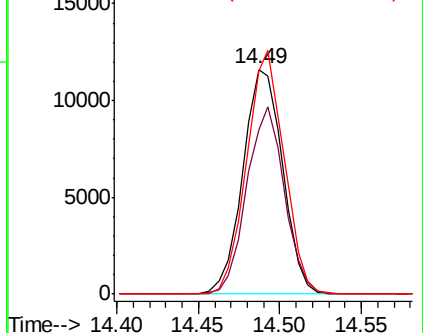
157 102.1 48.1 144.3

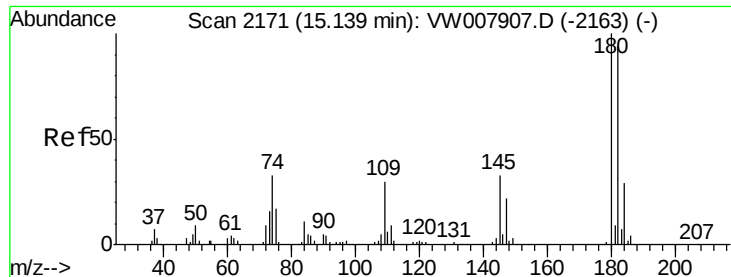


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

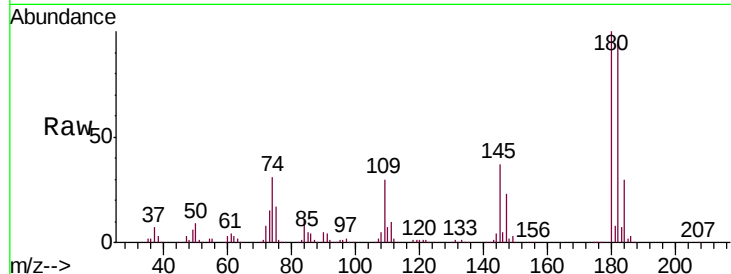




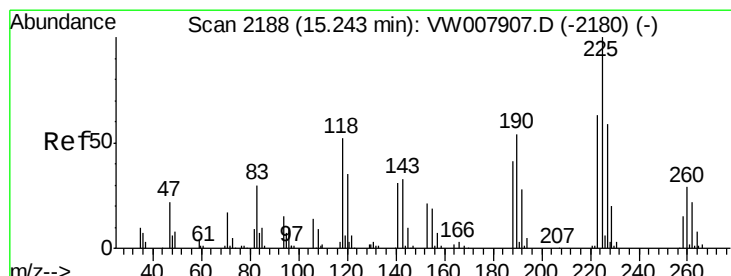
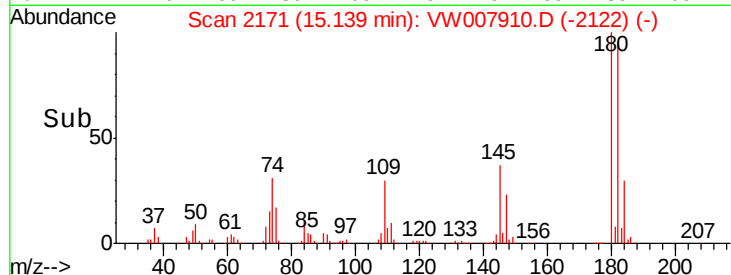
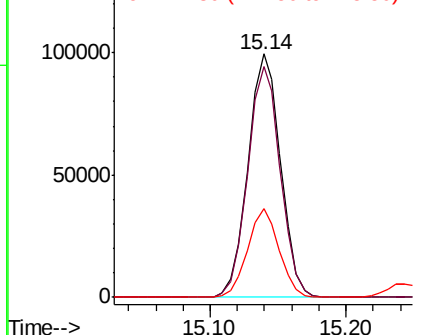
#93
 1,2,4-Trichlorobenzene
 Concen: 138.619 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 166651
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.6 142.9
 145 35.4 17.2 51.6

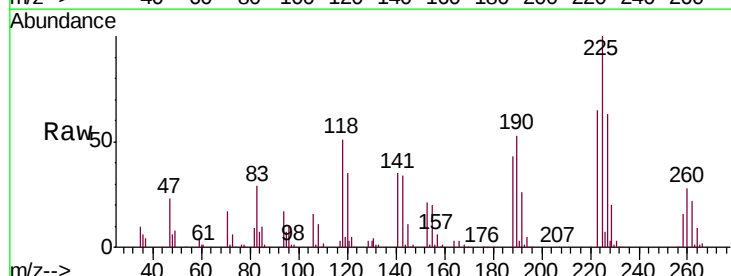


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

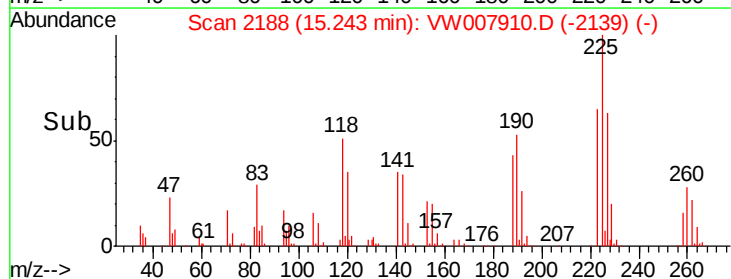
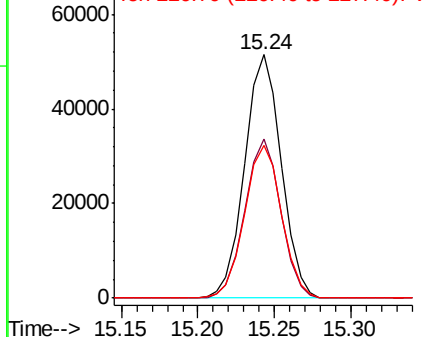


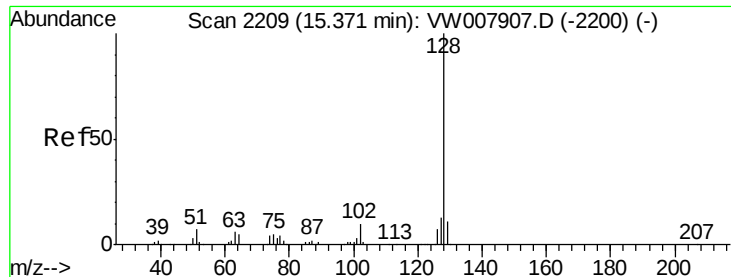
#94
 Hexachlorobutadiene
 Concen: 133.550 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007910.D
 Acq: 25 Dec 2018 01:48

Tgt Ion:225 Resp: 85637
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.4 94.0
 227 63.4 30.6 91.6



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

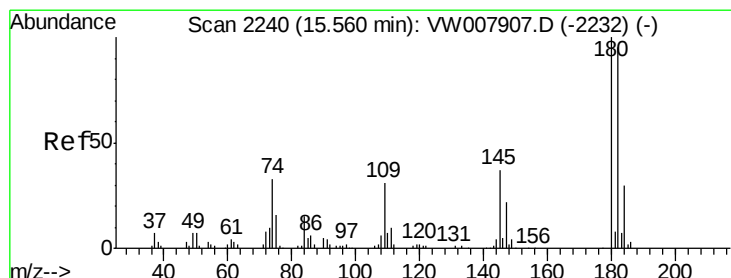
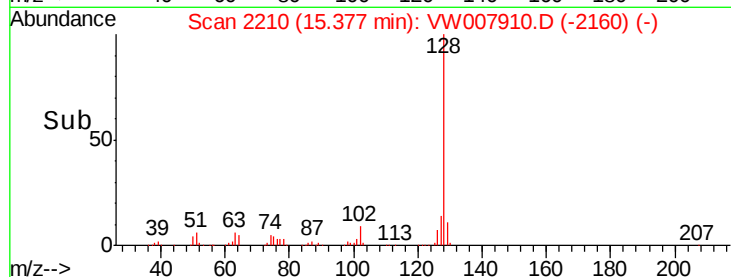
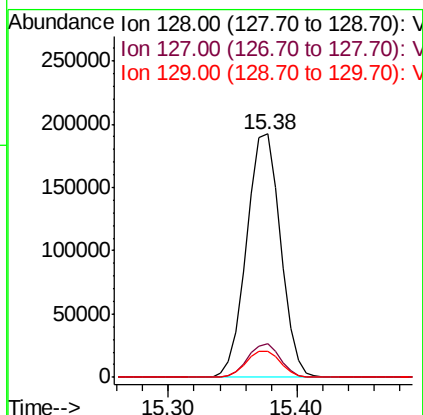
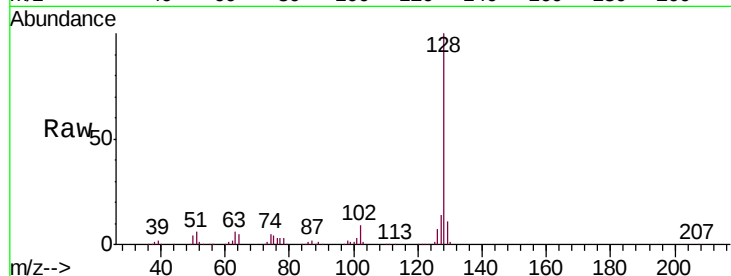




#95
Naphthalene
Concen: 155.117 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 349497
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 144.070 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007910.D
Acq: 25 Dec 2018 01:48

Tgt Ion:180 Resp: 148970
Ion Ratio Lower Upper
180 100
182 93.5 46.6 139.8
145 35.8 18.1 54.1

