

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010609.D
 Acq On : 30 May 2019 12:23
 Operator : SY/VA
 Sample : VW0530SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBSD01

Quant Time: May 31 07:43:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	132424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	221422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	198605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	98827	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	66771	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	7.88	113	69821	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	10.32	98	265080	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.62	95	103195	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	19292	16.163	ug/l	100
3) Chloromethane	2.21	50	20906	15.026	ug/l	100
4) Vinyl Chloride	2.35	62	24513	15.210	ug/l	100
5) Bromomethane	2.74	94	18133	16.355	ug/l	96
6) Chloroethane	2.90	64	18191	17.583	ug/l	98
7) Trichlorofluoromethane	3.25	101	48176	20.247	ug/l	97
8) Diethyl Ether	3.68	74	14144	18.753	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	29350	20.030	ug/l	96
10) Methyl Iodide	4.27	142	26052	15.555	ug/l	99
11) Tert butyl alcohol	5.17	59	16246	132.139	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	28158	20.131	ug/l	95
13) Acrolein	3.90	56	5628	61.760	ug/l	95
14) Allyl chloride	4.67	41	38017	18.777	ug/l	99
15) Acrylonitrile	5.37	53	30243	95.744	ug/l	100
16) Acetone	4.12	43	30535	109.443	ug/l	96
17) Carbon Disulfide	4.37	76	70218	16.830	ug/l	100
18) Methyl Acetate	4.67	43	14437	21.157	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	70407	19.745	ug/l	96
20) Methylene Chloride	4.92	84	30197	14.884	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	32087	19.999	ug/l	91
22) Diisopropyl ether	6.31	45	80655	19.428	ug/l	97
23) Vinyl Acetate	6.26	43	225291	90.847	ug/l	99
24) 1,1-Dichloroethane	6.22	63	50297	20.302	ug/l	99
25) 2-Butanone	7.17	43	40208	100.702	ug/l	98
26) 2,2-Dichloropropane	7.16	77	49144	20.825	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	36568	20.965	ug/l	99
28) Bromochloromethane	7.51	49	18938	21.350	ug/l	94
29) Tetrahydrofuran	7.53	42	25049	92.711	ug/l	98
30) Chloroform	7.67	83	55266	20.681	ug/l	98
31) Cyclohexane	7.95	56	48099	18.534	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	51866	20.307	ug/l	98
36) 1,1-Dichloropropene	8.08	75	43122	20.906	ug/l	99
37) Ethyl Acetate	7.26	43	17450	19.894	ug/l	98
38) Carbon Tetrachloride	8.07	117	46128	20.731	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	55384	20.041	ug/l	98
40) Benzene	8.32	78	123046	21.463	ug/l	99
41) Methacrylonitrile	7.49	41	9199	17.651	ug/l	94
42) 1,2-Dichloroethane	8.40	62	33803	20.630	ug/l	99
43) Isopropyl Acetate	8.43	43	33334	19.023	ug/l	98
44) Trichloroethene	9.09	130	36766	21.601	ug/l	98
45) 1,2-Dichloropropane	9.37	63	29040	21.328	ug/l	98
46) Dibromomethane	9.46	93	16741	21.024	ug/l	96
47) Bromodichloromethane	9.65	83	40798	20.388	ug/l	98
48) Methyl methacrylate	9.43	41	15063	18.790	ug/l	95
49) 1,4-Dioxane	9.44	88	5347	411.062	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	88472	99.637	ug/l	99
52) Toluene	10.39	92	83205	21.611	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	39813	19.645	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	46730	20.190	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	25327	22.118	ug/l	99
56) Ethyl methacrylate	10.65	69	30007	19.001	ug/l	99
57) 1,3-Dichloropropane	10.93	76	40893	21.320	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	62985	90.044	ug/l	98
59) 2-Hexanone	10.97	43	61764	97.509	ug/l	100
60) Dibromochloromethane	11.13	129	29183	20.137	ug/l	100
61) 1,2-Dibromoethane	11.24	107	24324	20.970	ug/l	97
64) Tetrachloroethene	10.86	164	30291	21.879	ug/l	98
65) Chlorobenzene	11.66	112	91573	21.634	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	32230	21.256	ug/l	99
67) Ethyl Benzene	11.73	91	158704	21.237	ug/l	98
68) m/p-Xylenes	11.84	106	126126	43.029	ug/l	100
69) o-Xylene	12.17	106	60266	21.701	ug/l	97
70) Styrene	12.18	104	100644	21.359	ug/l	99
71) Bromoform	12.35	173	15664	18.760	ug/l #	98
73) Isopropylbenzene	12.47	105	163742	20.879	ug/l	99
74) N-amyl acetate	12.27	43	31288	17.410	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	27544	19.310	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34737	34.628	ug/l	31
77) Bromobenzene	12.75	156	38158	21.743	ug/l	96
78) n-propylbenzene	12.80	91	186543	20.411	ug/l	100
79) 2-Chlorotoluene	12.90	91	108642	20.499	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	137264	20.666	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	7972	16.585	ug/l	98
82) 4-Chlorotoluene	12.99	91	112856	20.515	ug/l	100
83) tert-Butylbenzene	13.21	119	122168	21.057	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	137005	20.711	ug/l	99
85) sec-Butylbenzene	13.38	105	165887	20.432	ug/l	100
86) p-Isopropyltoluene	13.50	119	153165	20.842	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	74010	21.495	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	73767	21.354	ug/l	98
89) n-Butylbenzene	13.83	91	138756	19.850	ug/l	99
90) Hexachloroethane	14.10	117	27070	19.031	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	66846	21.307	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4636	17.479	ug/l	98

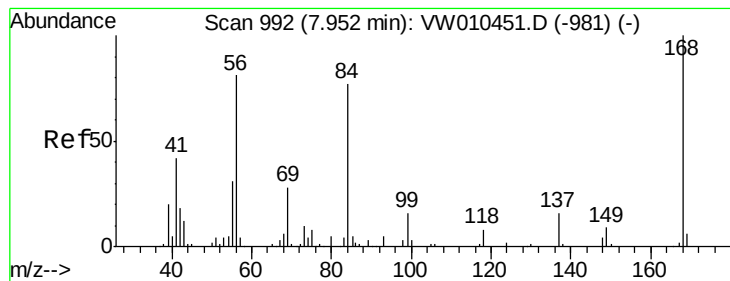
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QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	43138	20.210	ug/l	98
94) Hexachlorobutadiene	15.24	225	24624	21.594	ug/l	98
95) Naphthalene	15.37	128	80855	18.045	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	37254	20.283	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

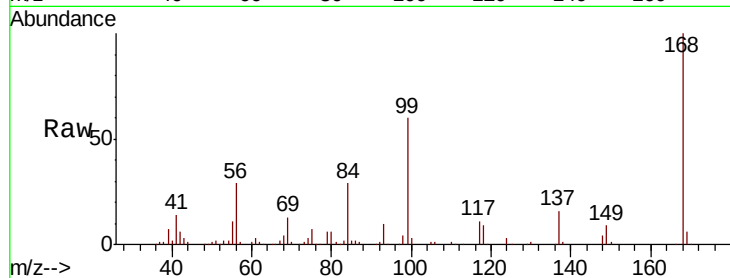
VW0530SBSD01

Tot Ion:168 Resp: 132424

Ion Ratio Lower Upper

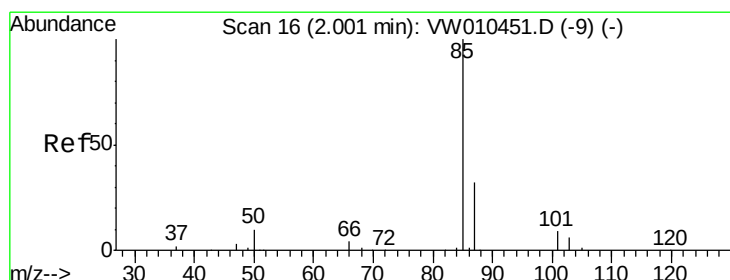
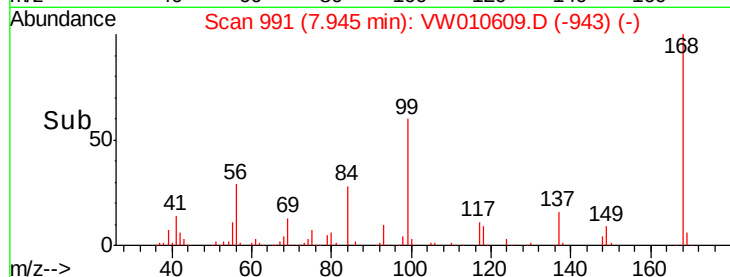
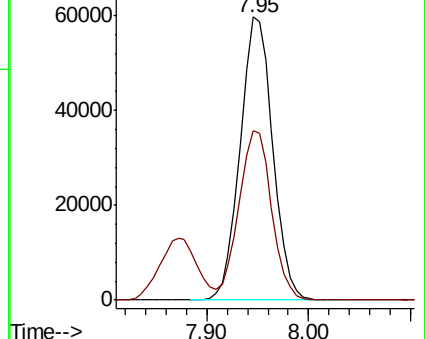
168 100

99 59.8 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 16.163 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW010609.D

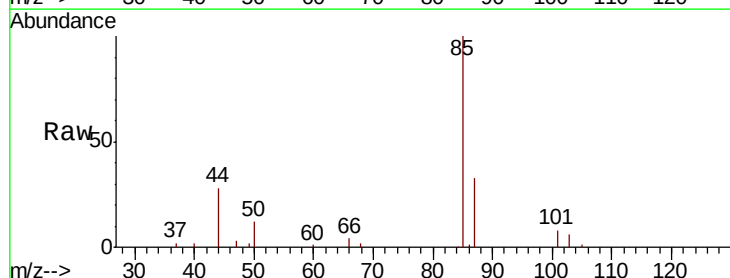
Acq: 30 May 2019 12:23

Tgt Ion: 85 Resp: 19292

Ion Ratio Lower Upper

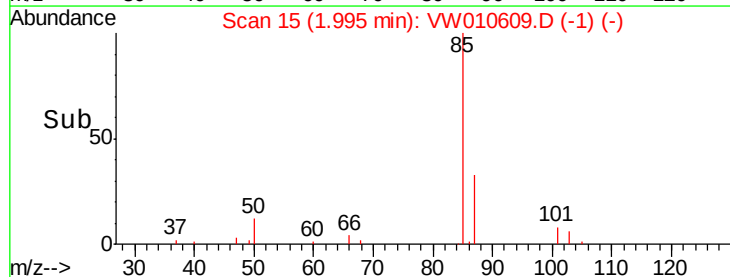
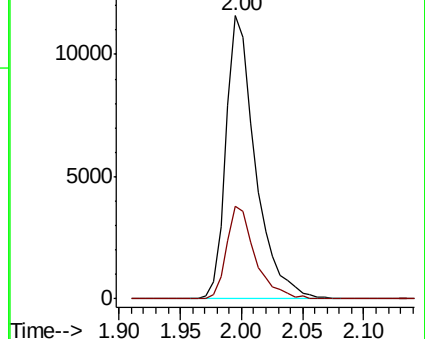
85 100

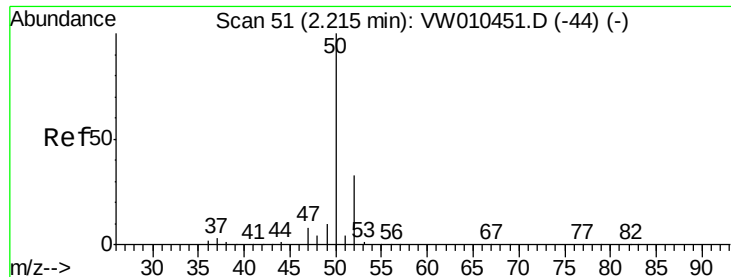
87 32.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 15.026 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

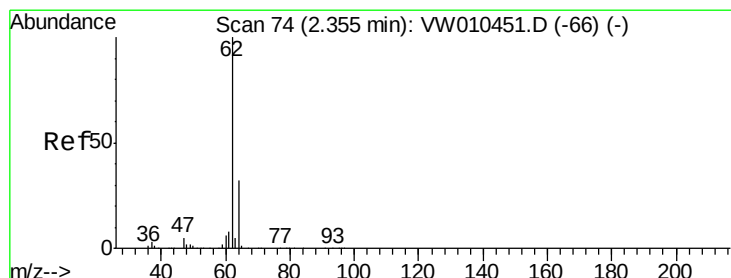
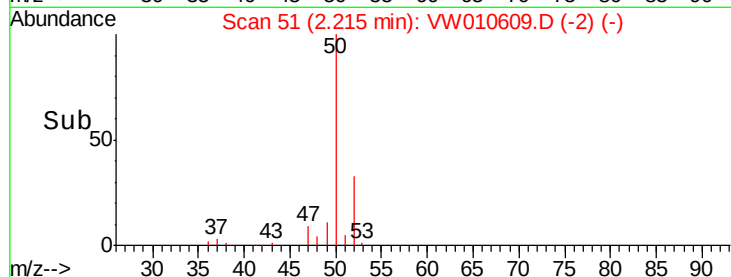
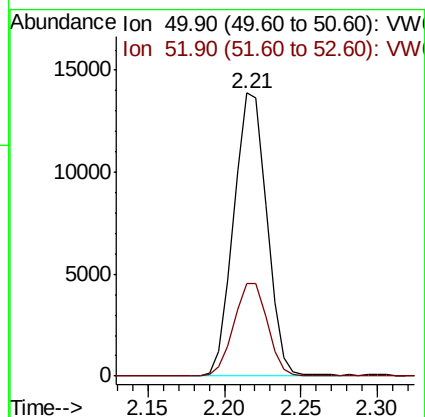
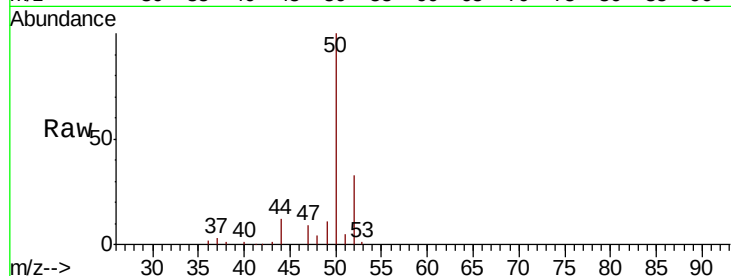
VW0530SBSD01

Tot Ion: 50 Resp: 20906

Ion Ratio Lower Upper

50 100

52 32.6 26.3 39.5



#4

Vinyl Chloride

Concen: 15.210 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW010609.D

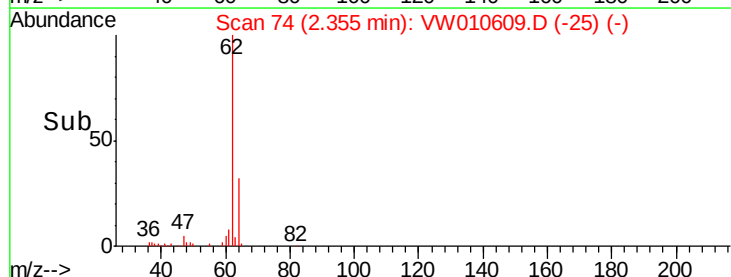
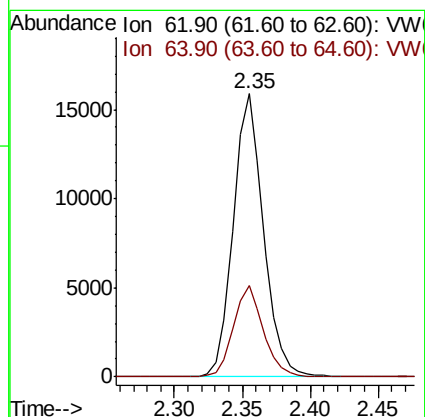
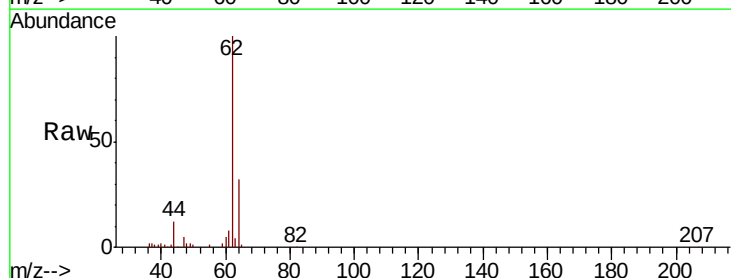
Acq: 30 May 2019 12:23

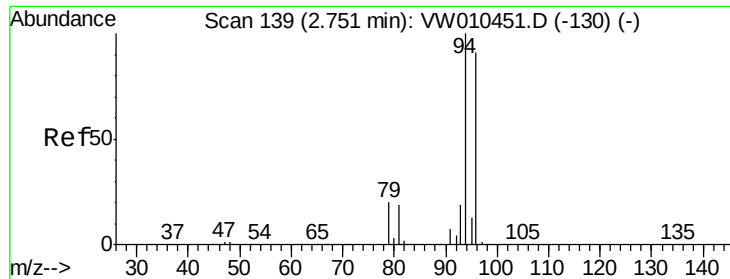
Tgt Ion: 62 Resp: 24513

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#5

Bromomethane

Concen: 16.355 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.01 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

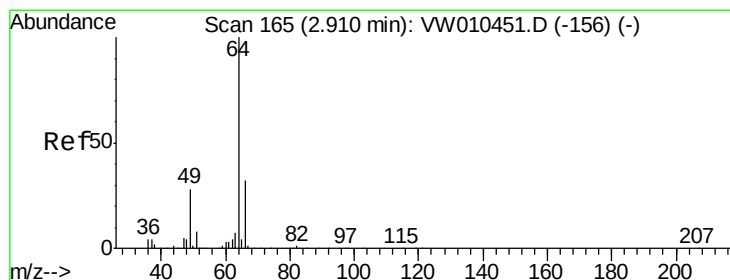
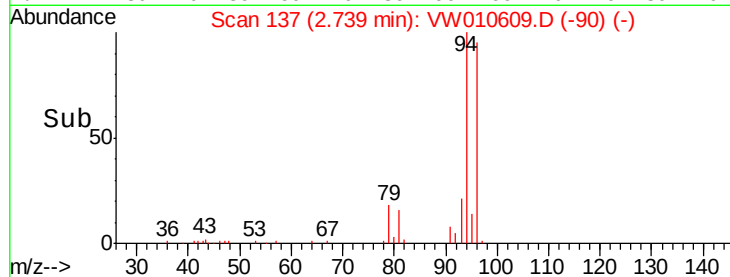
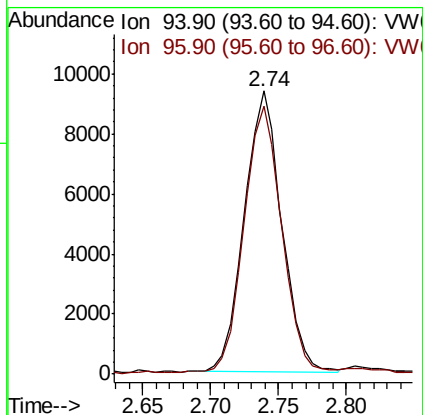
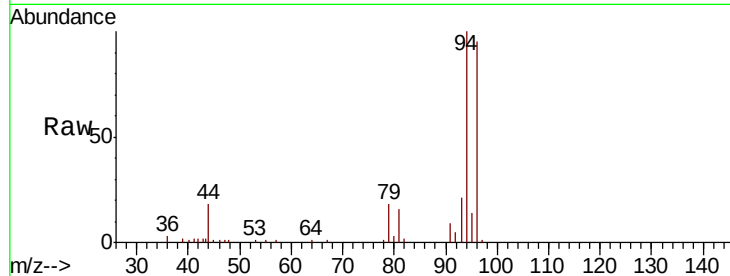
VW0530SBSD01

Tot Ion: 94 Resp: 18133

Ion Ratio Lower Upper

94 100

96 94.7 72.9 109.3



#6

Chloroethane

Concen: 17.583 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW010609.D

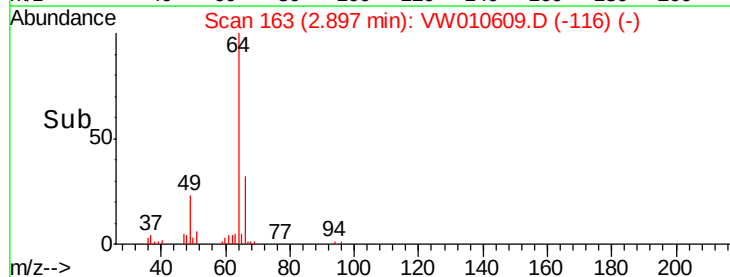
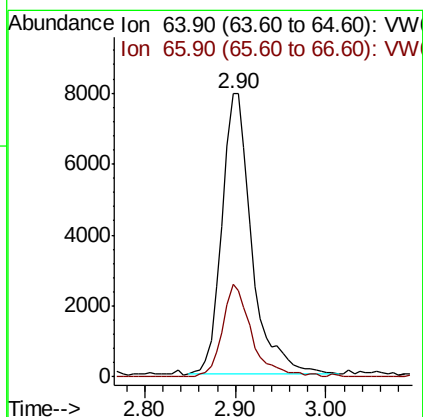
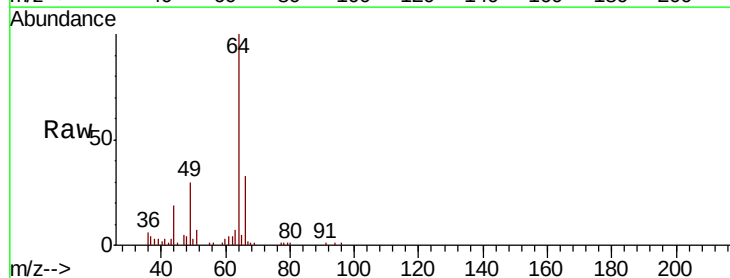
Acq: 30 May 2019 12:23

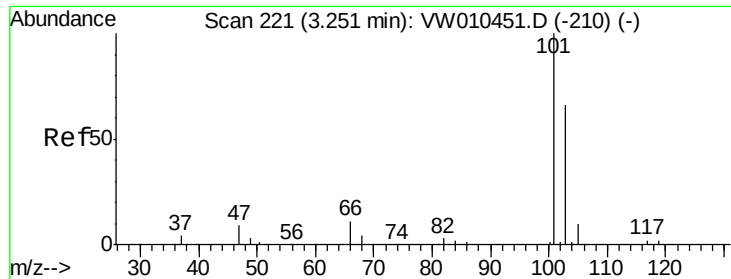
Tgt Ion: 64 Resp: 18191

Ion Ratio Lower Upper

64 100

66 33.1 25.5 38.3



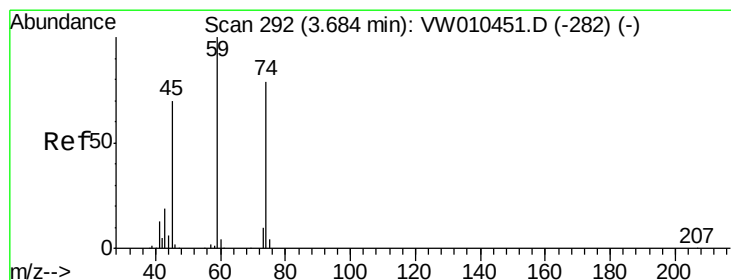
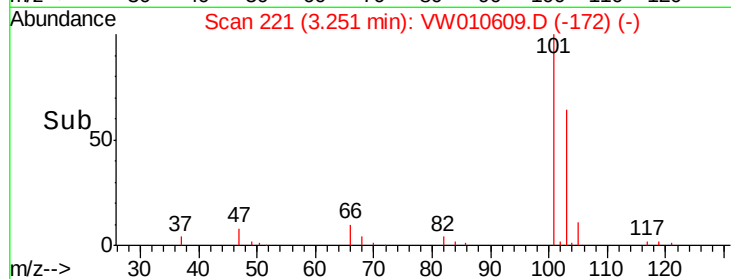
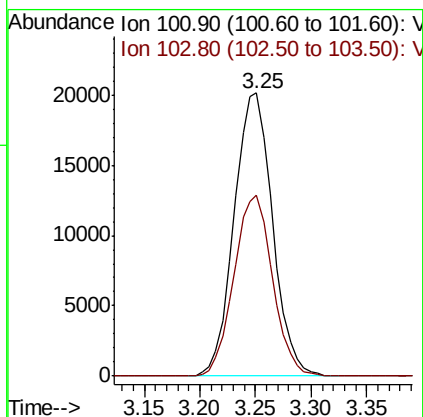
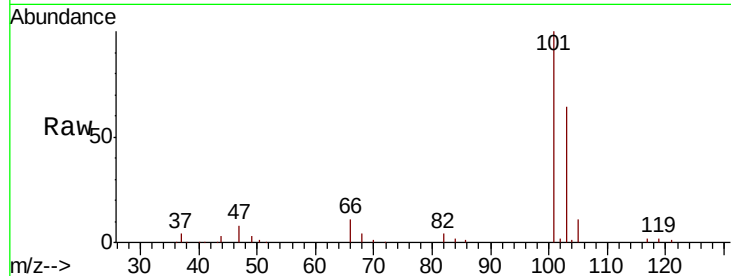


#7

Trichlorofluoromethane
Concen: 20.247 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

Instrument :
MSVOA_W
ClientSampleId :
VW0530SBSD01

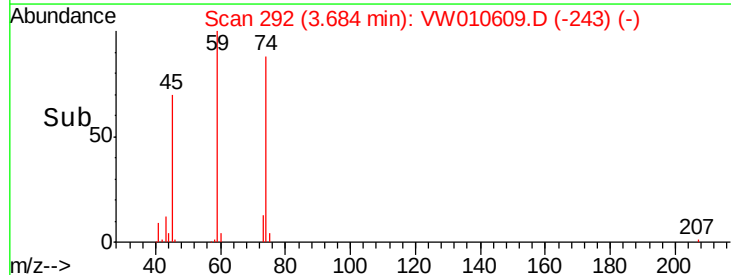
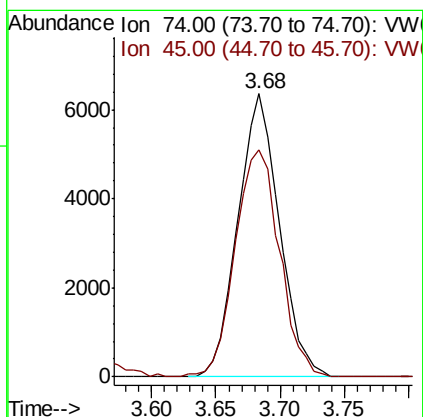
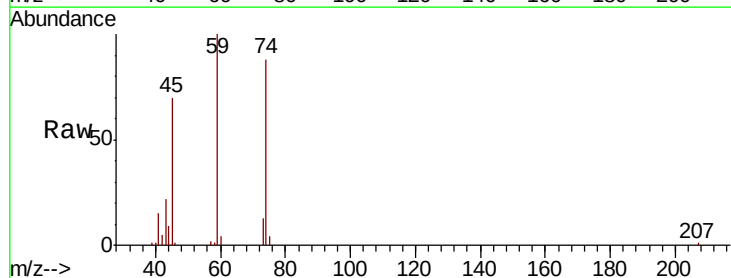
Tot Ion:101 Resp: 48176
Ion Ratio Lower Upper
101 100
103 64.1 53.0 79.4

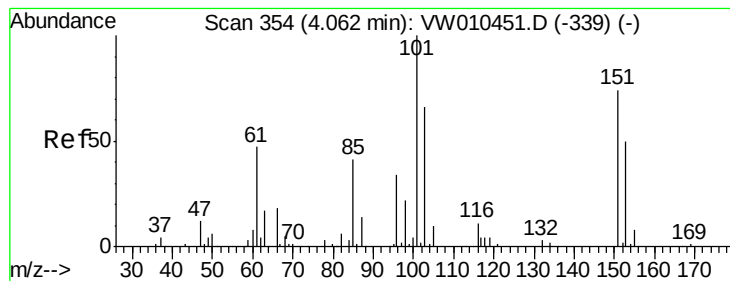


#8

Diethyl Ether
Concen: 18.753 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

Tgt Ion: 74 Resp: 14144
Ion Ratio Lower Upper
74 100
45 86.1 42.9 128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.030 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0530SBSD01

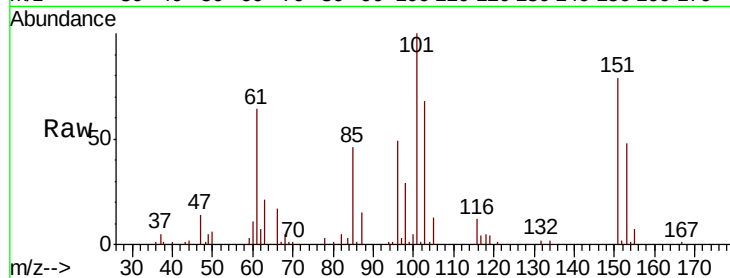
Tot Ion:101 Resp: 29350

Ion Ratio Lower Upper

101 100

85 43.4 34.3 51.5

151 80.5 60.3 90.5

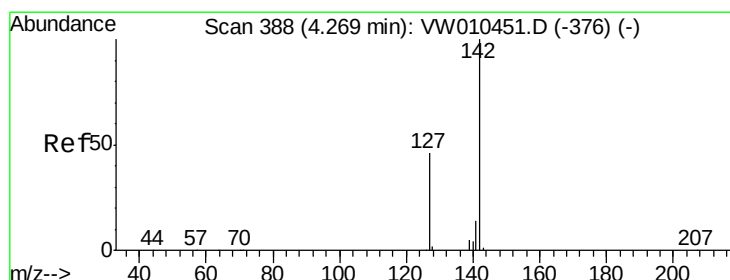
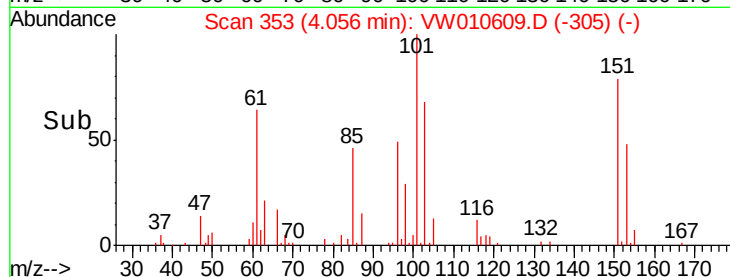
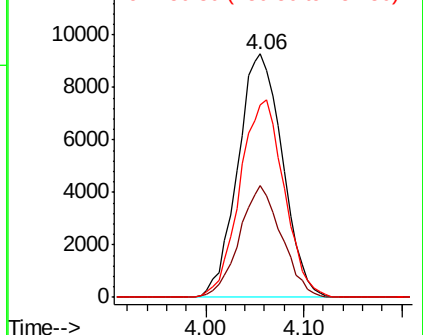


Abundance

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: 15.555 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

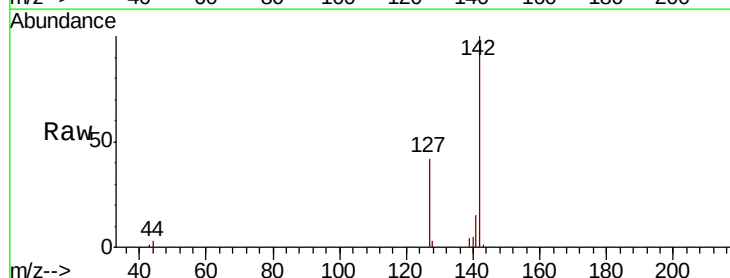
Tgt Ion:142 Resp: 26052

Ion Ratio Lower Upper

142 100

127 44.8 36.1 54.1

141 14.4 11.3 16.9

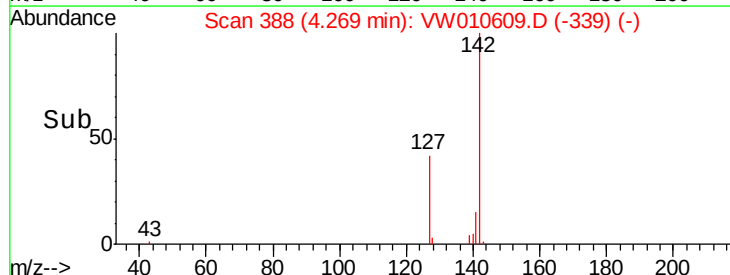
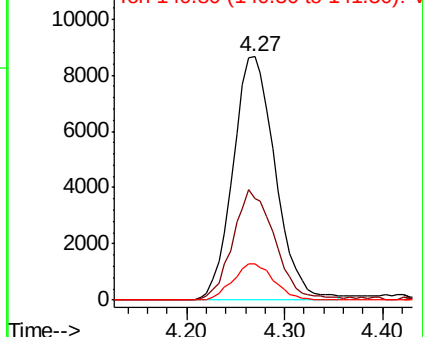


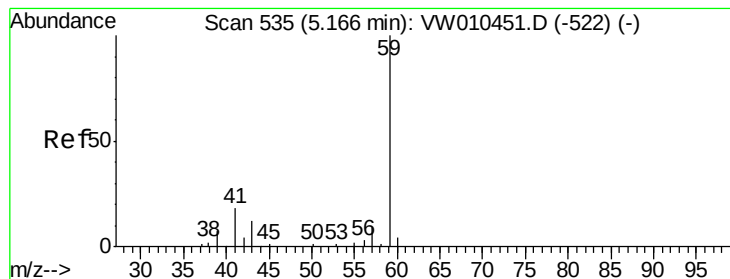
Abundance

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



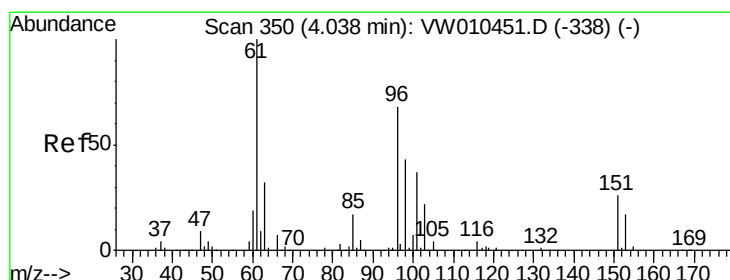
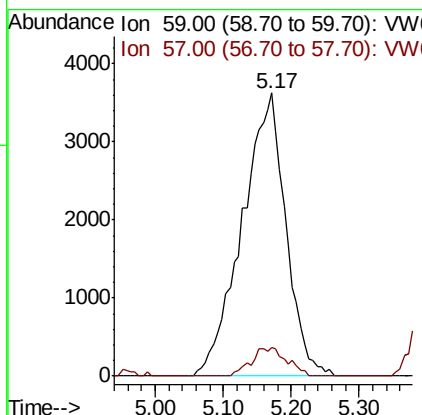
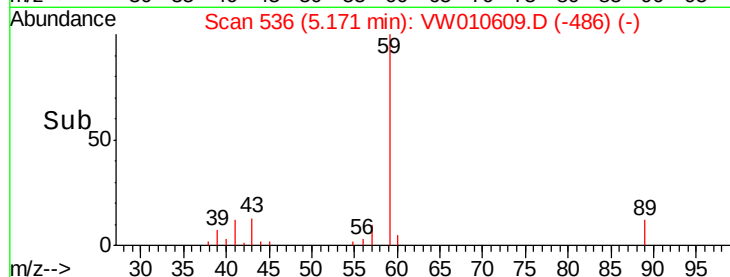
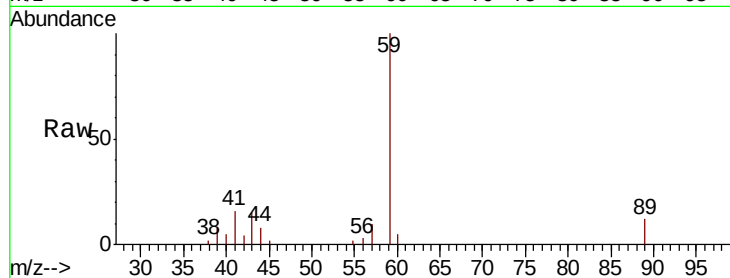


#11

Tert butyl alcohol
 Concen: 132.139 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBSD01

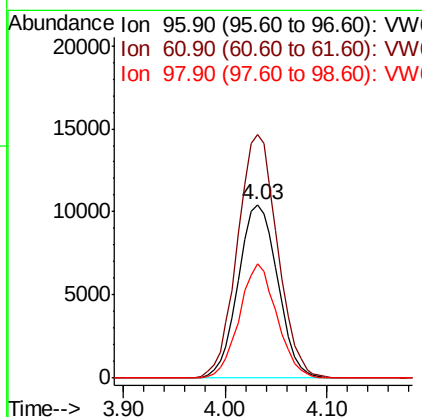
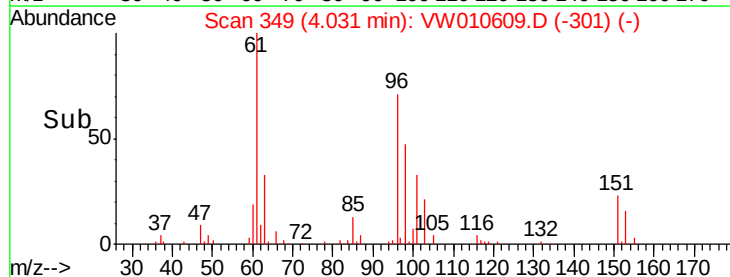
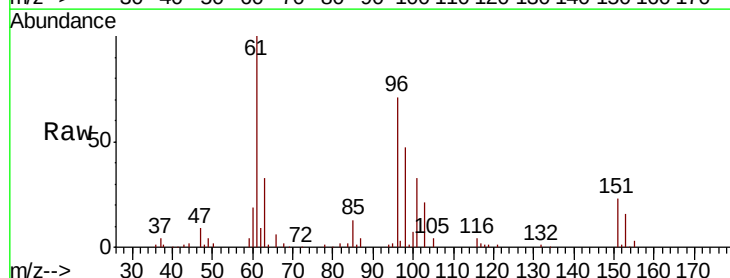
Tot Ion: 59 Resp: 16246
 Ion Ratio Lower Upper
 59 100
 57 8.1 8.8 13.2#

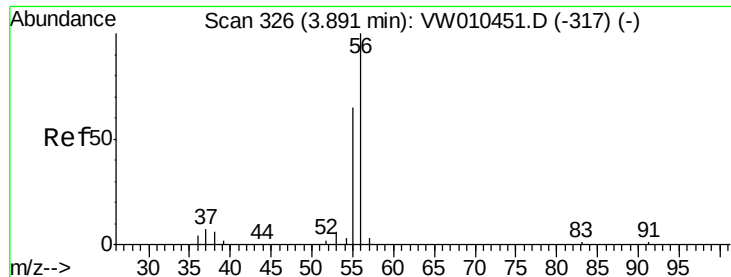


#12

1,1-Dichloroethene
 Concen: 20.131 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Tgt Ion: 96 Resp: 28158
 Ion Ratio Lower Upper
 96 100
 61 140.2 118.3 177.5
 98 65.7 51.0 76.6

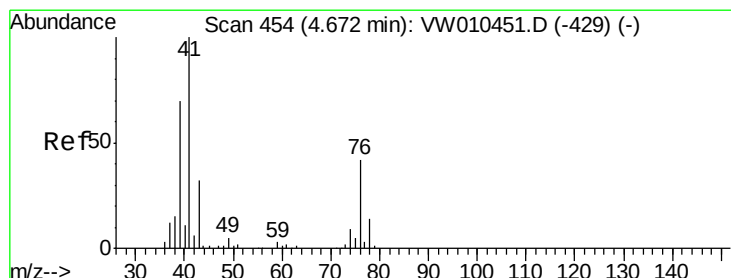
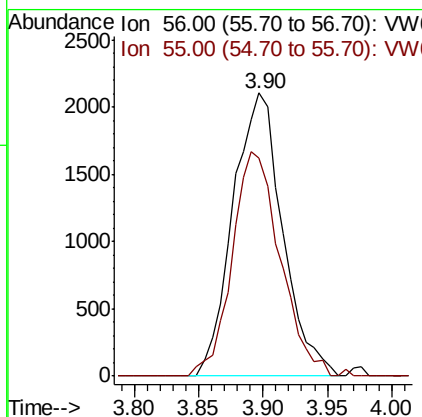
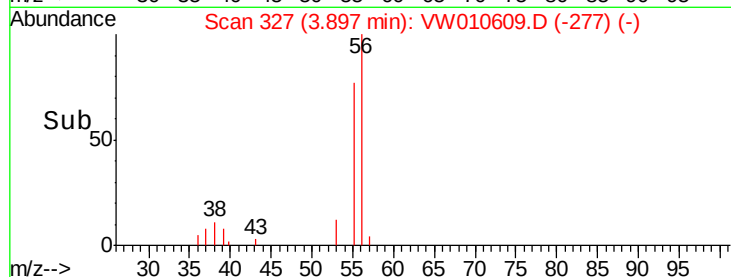
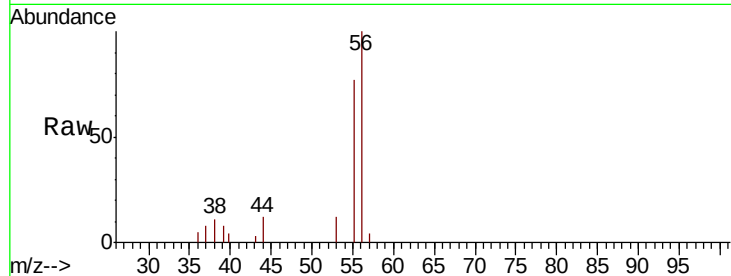




#13
 Acrolein
 Concen: 61.760 ug/l
 RT: 3.90 min Scan# 327
 Delta R.T. 0.01 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

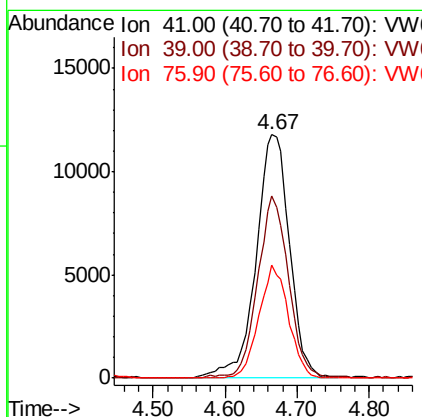
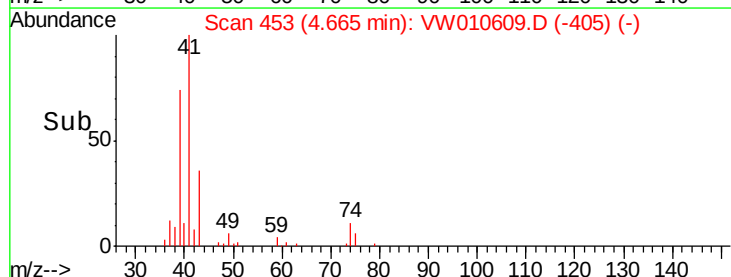
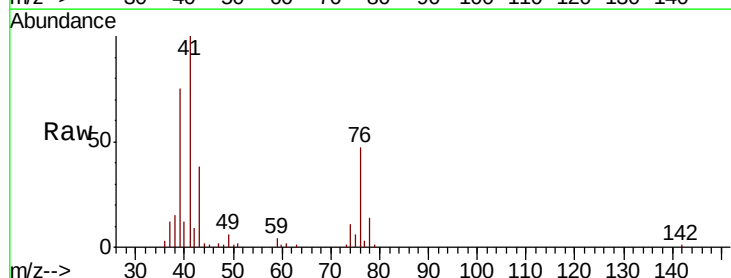
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBSD01

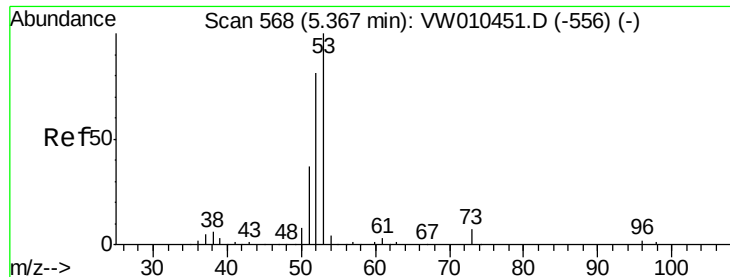
Tot Ion: 56 Resp: 5628
 Ion Ratio Lower Upper
 56 100
 55 76.6 57.9 86.9



#14
 Allyl chloride
 Concen: 18.777 ug/l
 RT: 4.67 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Tgt Ion: 41 Resp: 38017
 Ion Ratio Lower Upper
 41 100
 39 69.4 55.0 82.4
 76 40.9 32.8 49.2





#15

Acrylonitrile

Concen: 95.744 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0530SBSD01

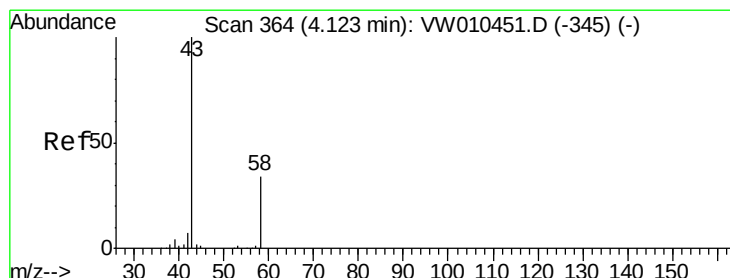
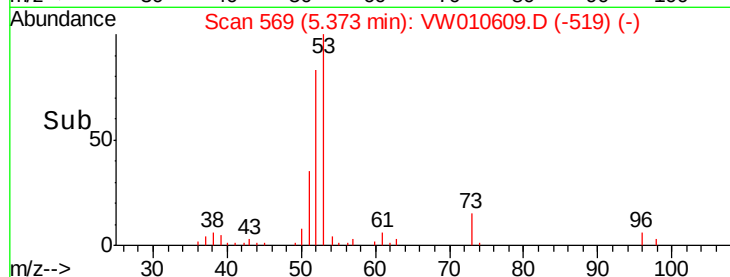
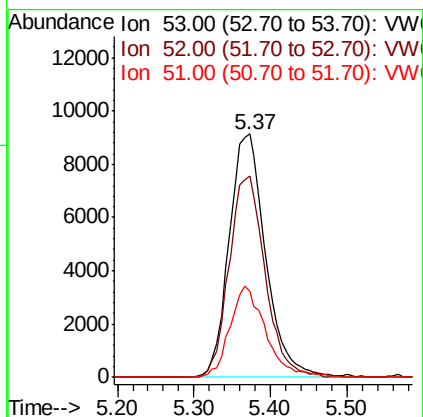
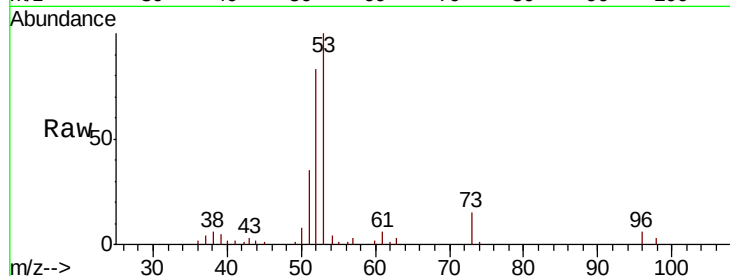
Tot Ion: 53 Resp: 30243

Ion Ratio Lower Upper

53 100

52 81.5 65.6 98.4

51 36.7 29.5 44.3



#16

Acetone

Concen: 109.443 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010609.D

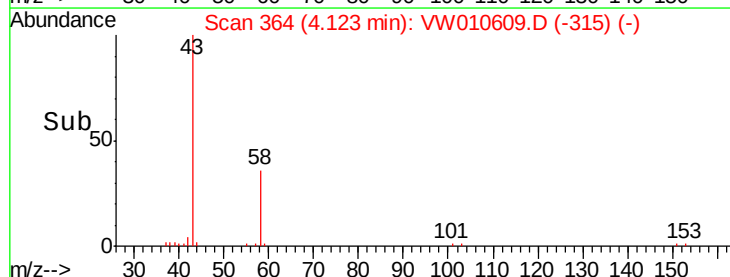
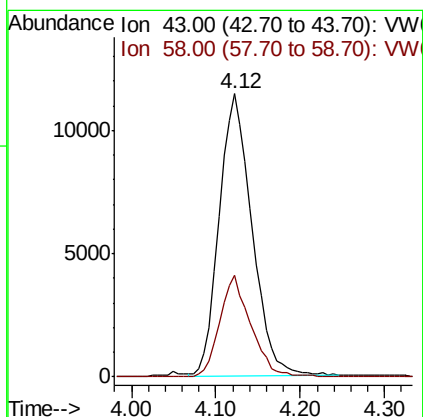
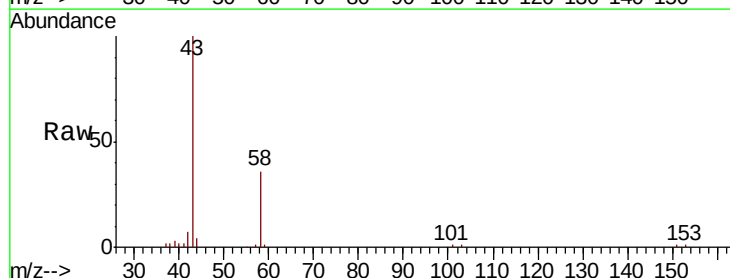
Acq: 30 May 2019 12:23

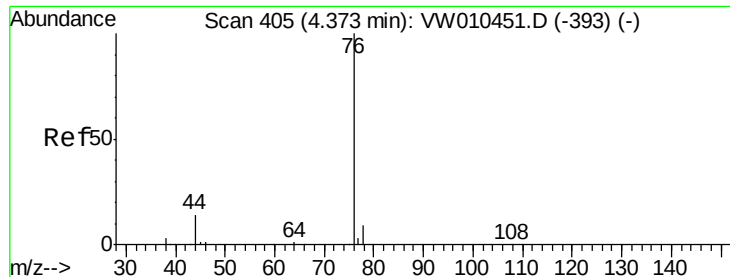
Tgt Ion: 43 Resp: 30535

Ion Ratio Lower Upper

43 100

58 36.0 27.0 40.4





#17

Carbon Disulfide

Concen: 16.830 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

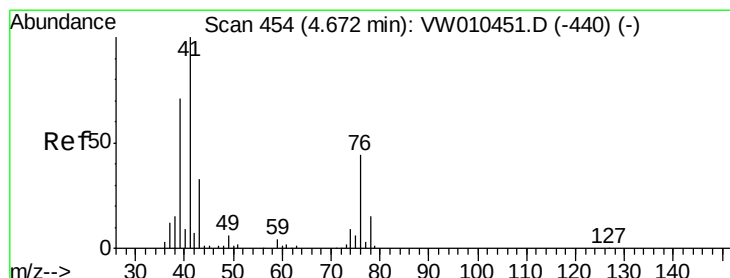
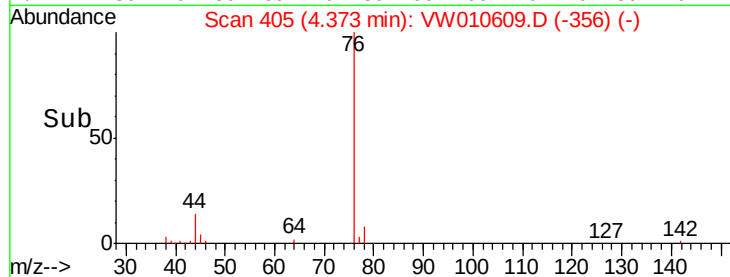
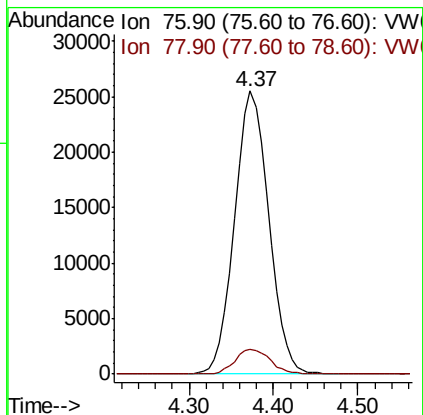
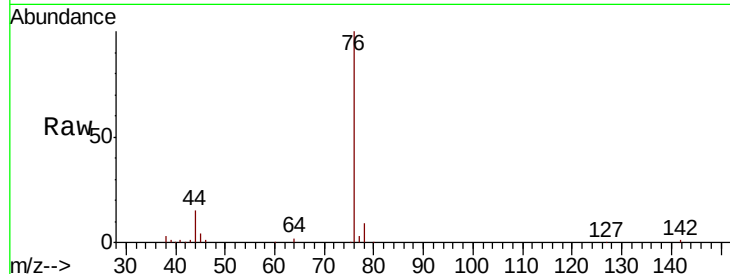
VW0530SBSD01

Tot Ion: 76 Resp: 70218

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 21.157 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010609.D

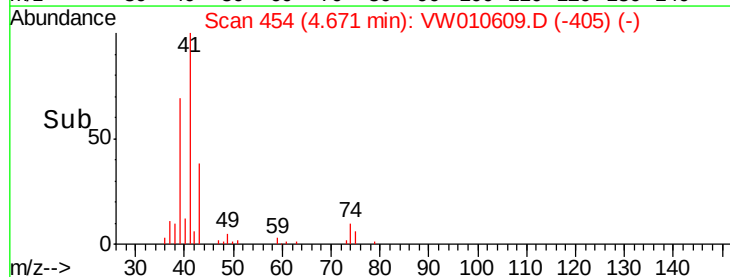
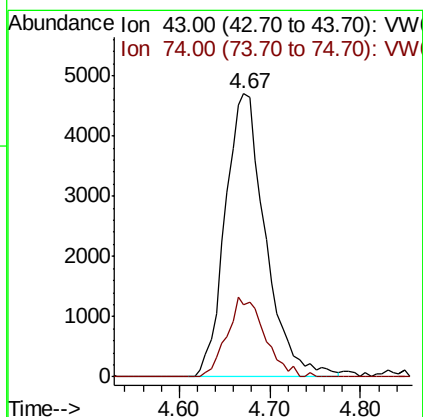
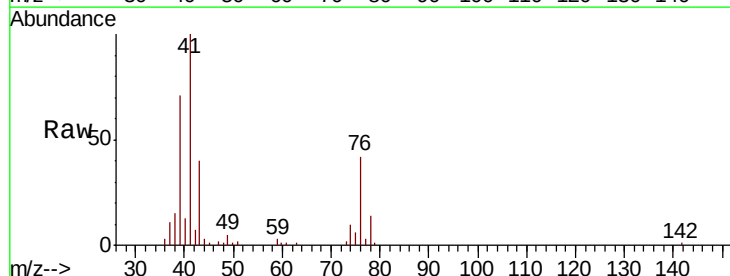
Acq: 30 May 2019 12:23

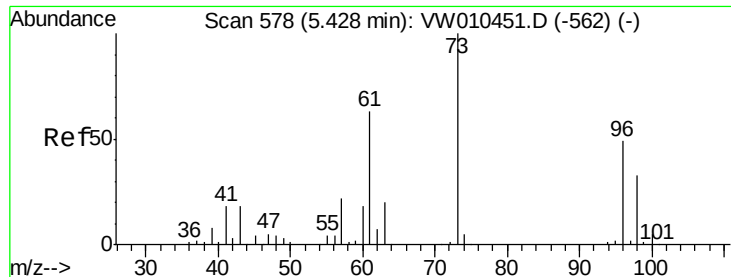
Tgt Ion: 43 Resp: 14437

Ion Ratio Lower Upper

43 100

74 26.2 21.6 32.4

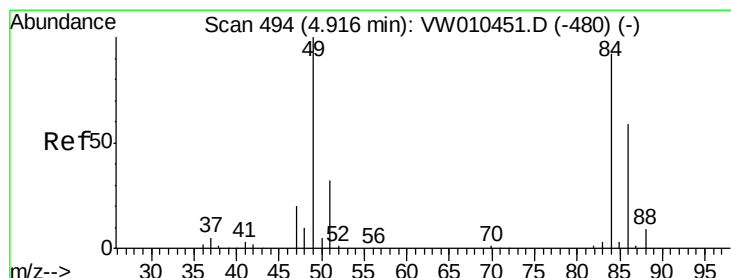
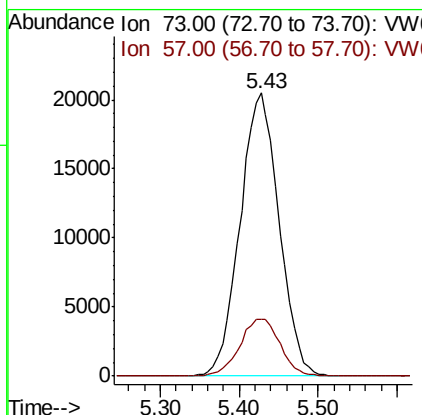
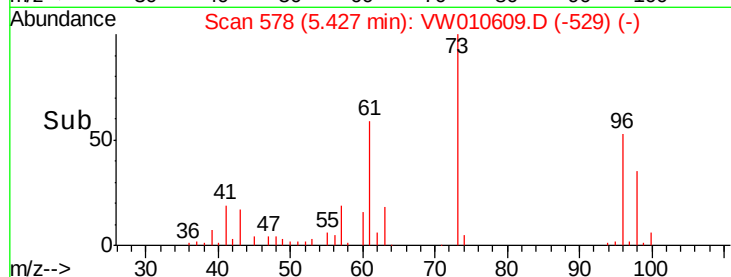
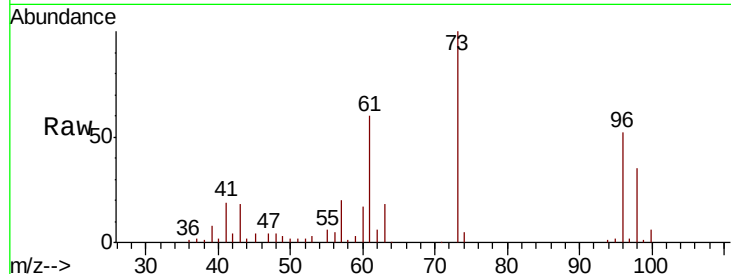




#19
Methyl tert-butyl Ether
Concen: 19.745 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

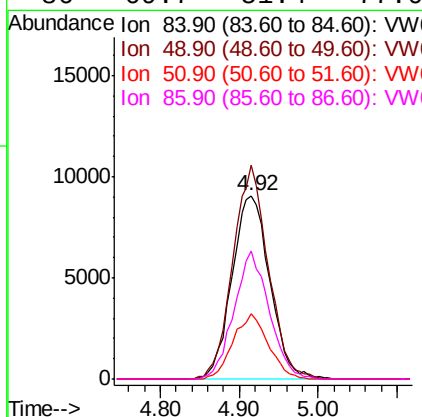
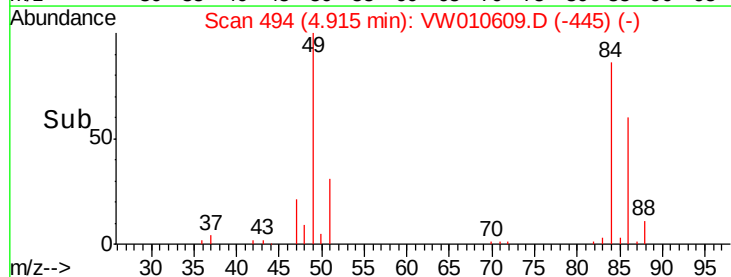
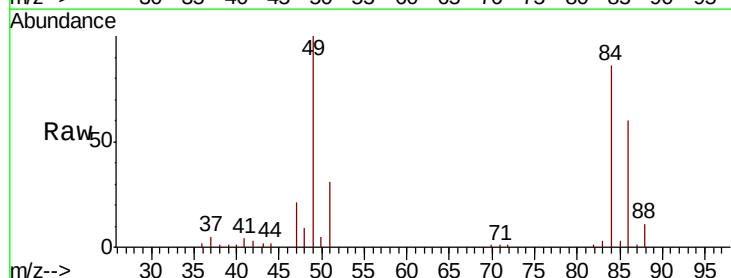
Instrument :
MSVOA_W
ClientSampleId :
VW0530SBS01

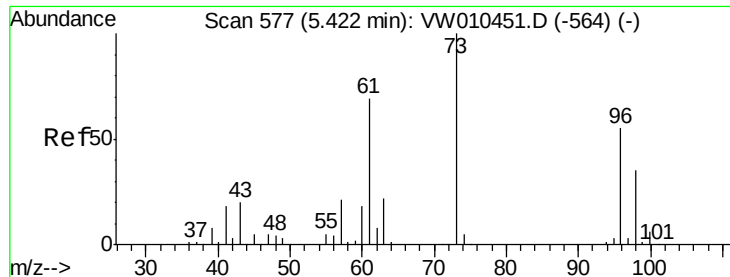
Tot Ion: 73 Resp: 70407
Ion Ratio Lower Upper
73 100
57 20.0 17.4 26.0



#20
Methylene Chloride
Concen: 14.884 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

Tgt Ion: 84 Resp: 30197
Ion Ratio Lower Upper
84 100
49 116.7 87.2 130.8
51 35.9 27.7 41.5
86 69.7 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 19.999 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0530SBSD01

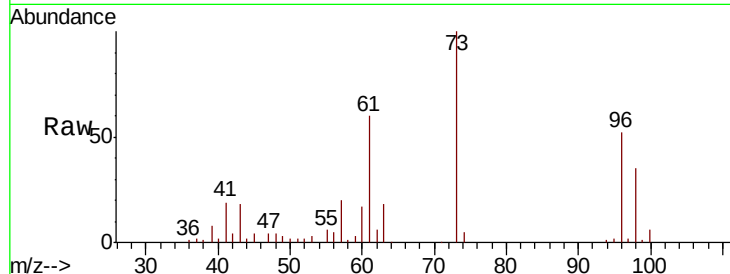
Tot Ion: 96 Resp: 32087

Ion Ratio Lower Upper

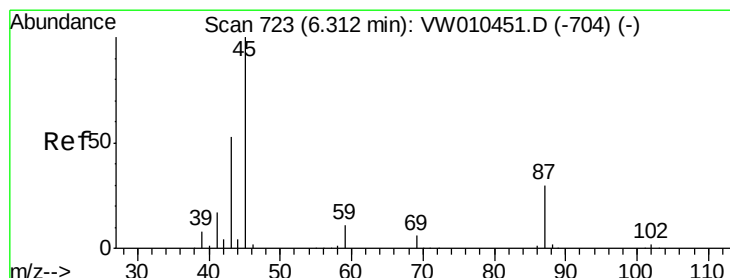
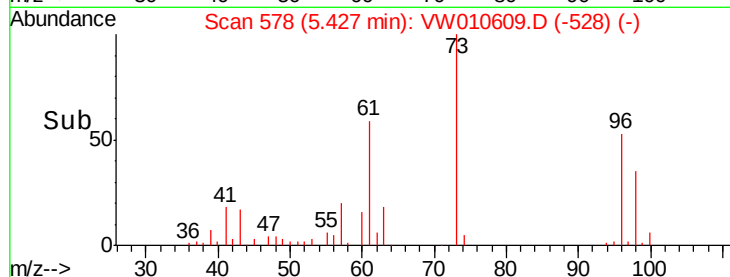
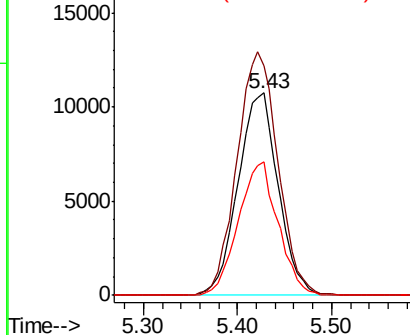
96 100

61 113.6 101.4 152.0

98 66.2 50.6 76.0



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: 19.428 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Tgt Ion: 45 Resp: 80655

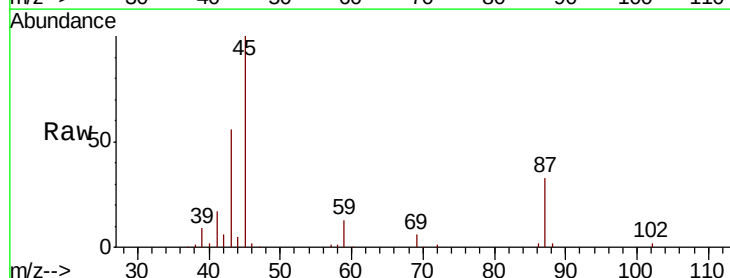
Ion Ratio Lower Upper

45 100

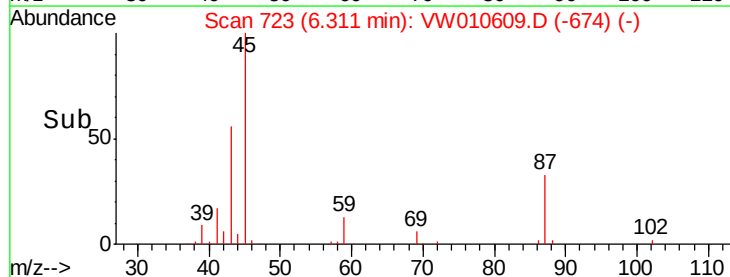
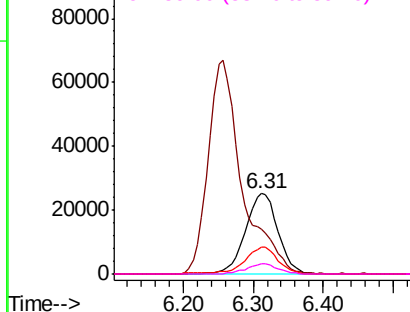
43 55.6 42.9 64.3

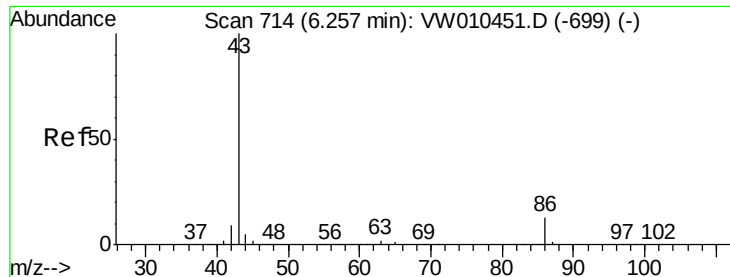
87 33.1 24.6 36.8

59 12.8 9.4 14.0



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: 90.847 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

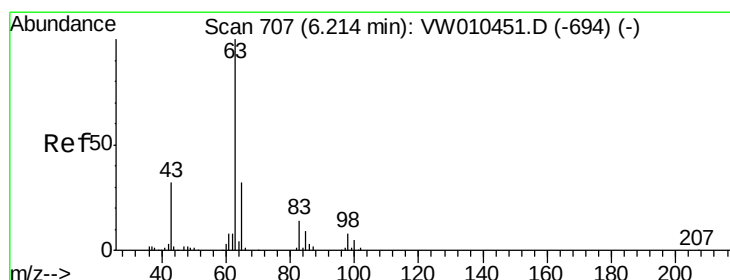
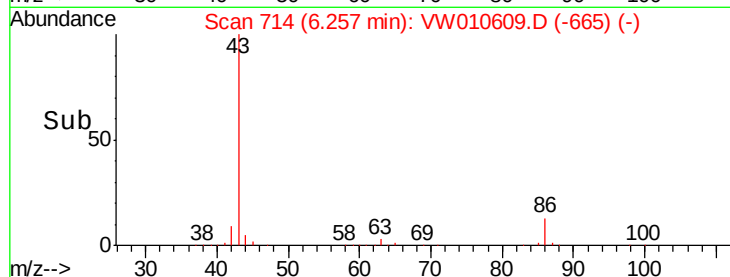
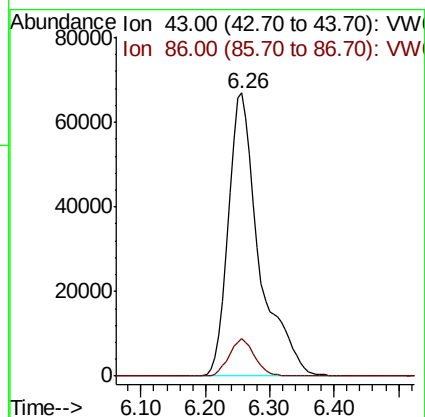
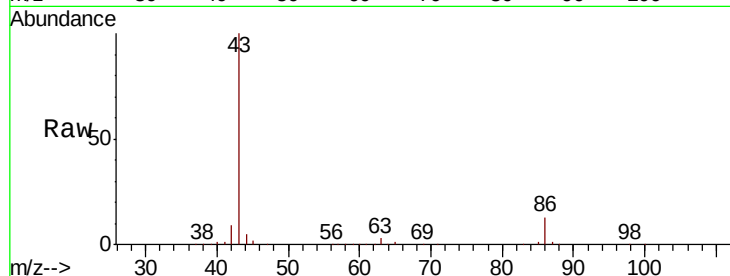
VW0530SBSD01

Tot Ion: 43 Resp: 225291

Ion Ratio Lower Upper

43 100

86 13.2 10.3 15.5



#24

1,1-Dichloroethane

Concen: 20.302 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

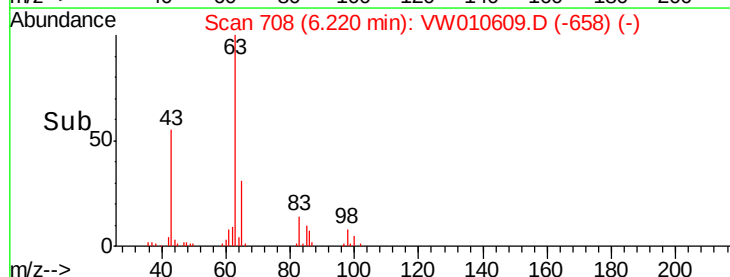
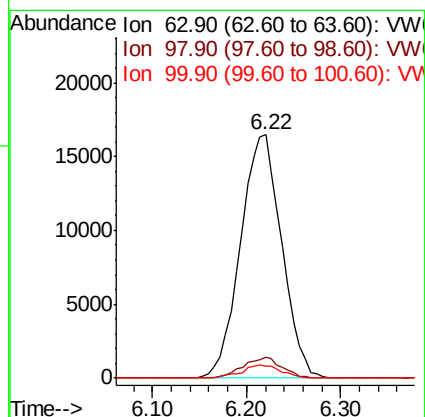
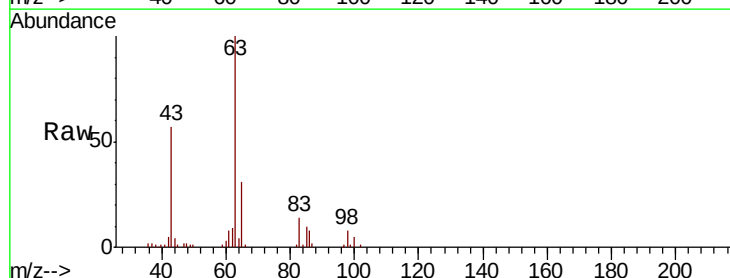
Tgt Ion: 63 Resp: 50297

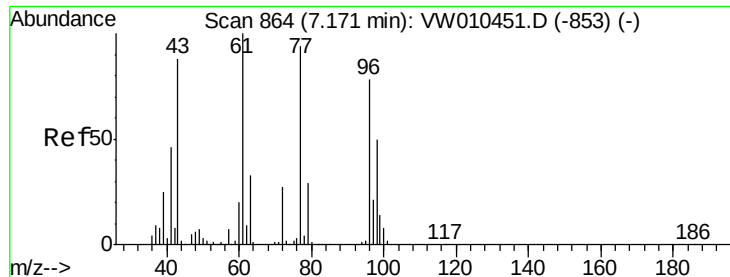
Ion Ratio Lower Upper

63 100

98 8.3 3.8 11.2

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 100.702 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

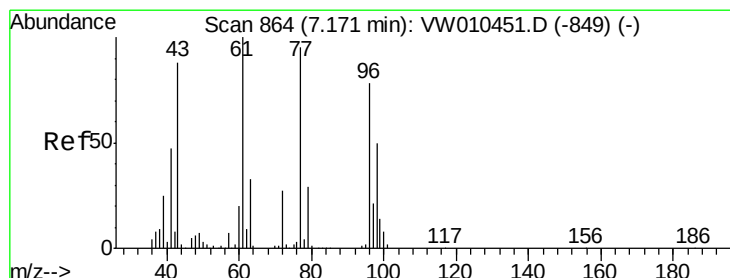
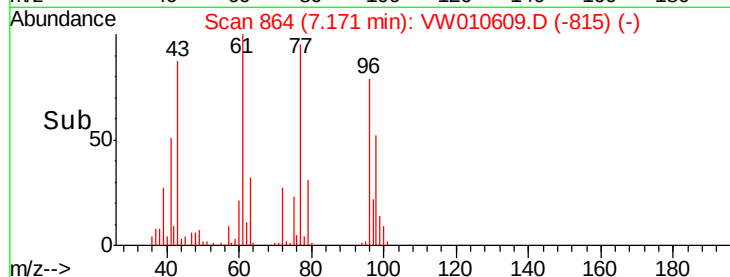
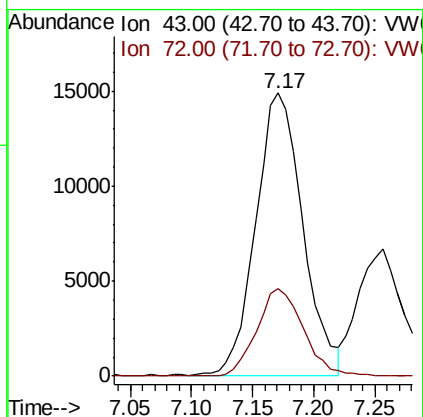
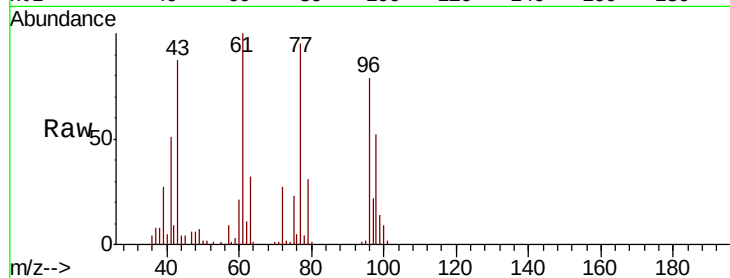
VW0530SBSD01

Tot Ion: 43 Resp: 40208

Ion Ratio Lower Upper

43 100

72 31.1 24.1 36.1



#26

2,2-Dichloropropane

Concen: 20.825 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010609.D

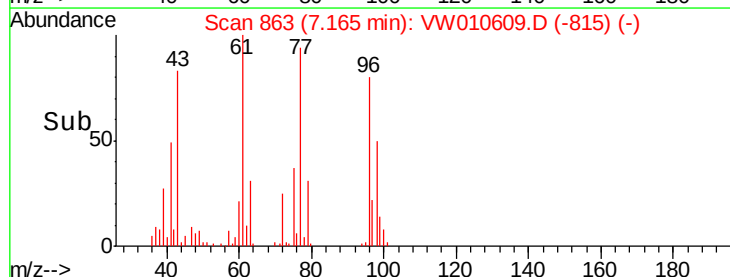
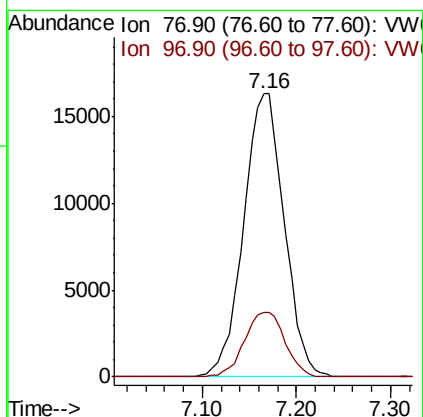
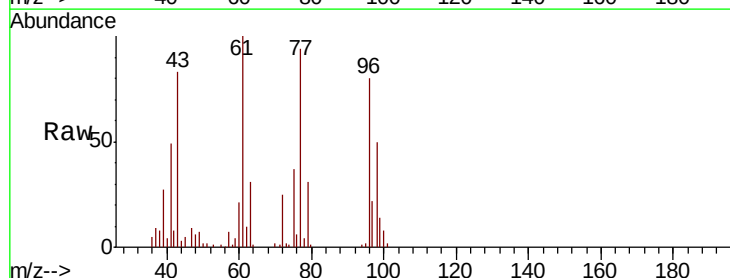
Acq: 30 May 2019 12:23

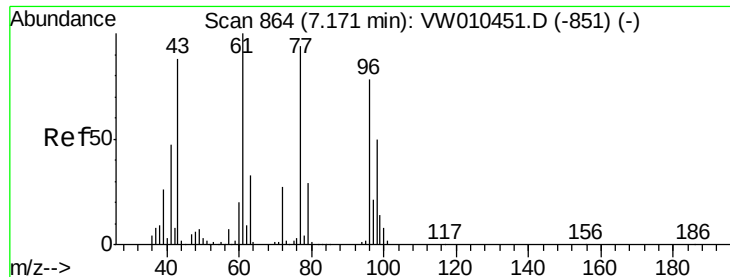
Tgt Ion: 77 Resp: 49144

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0



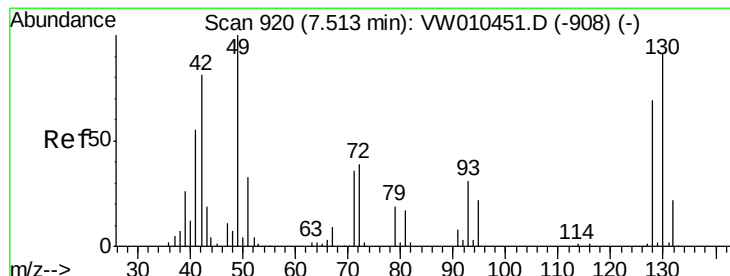
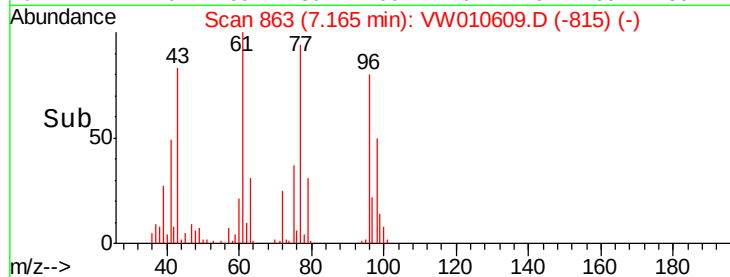
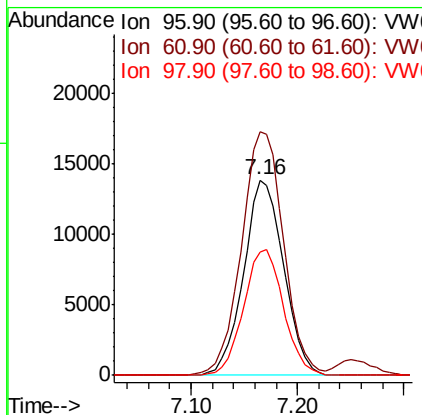
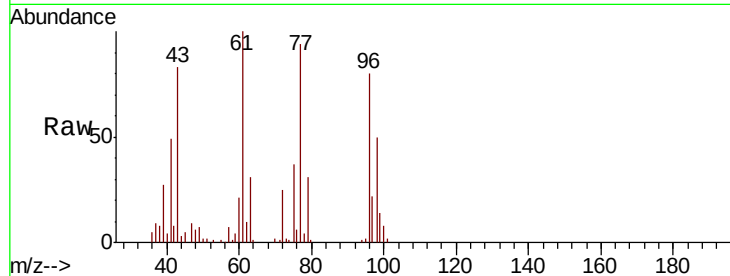


#27

cis-1,2-Dichloroethene
 Concen: 20.965 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBSD01

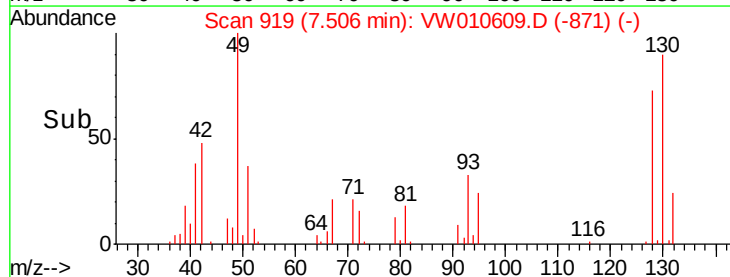
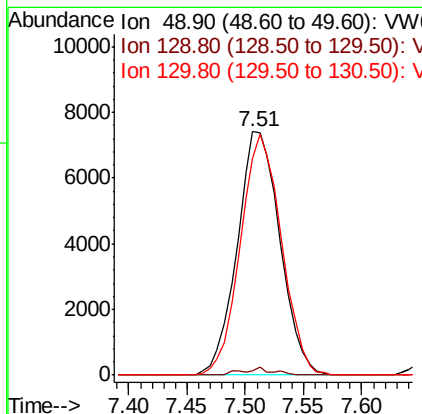
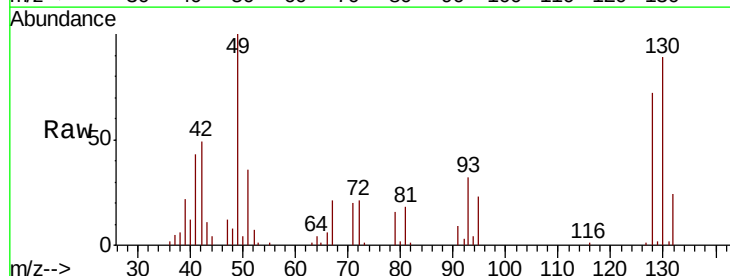
Tot Ion	96	Resp	36568
Ion	Ratio	Lower	Upper
96	100		
61	131.0	0.0	265.4
98	64.3	0.0	129.4

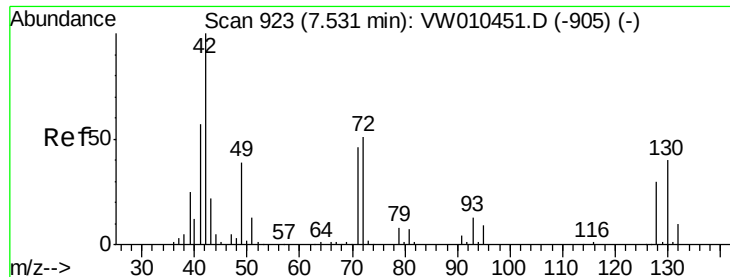


#28

Bromochloromethane
 Concen: 21.350 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Tgt Ion	49	Resp	18938
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	94.8	71.2	106.8

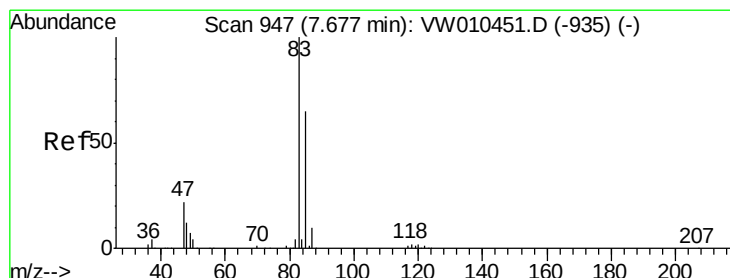
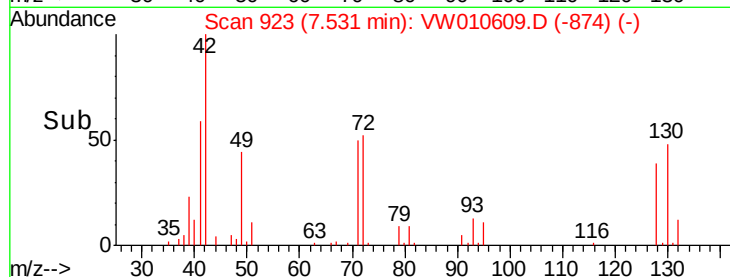
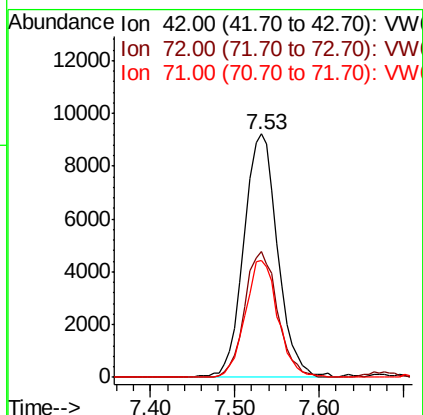
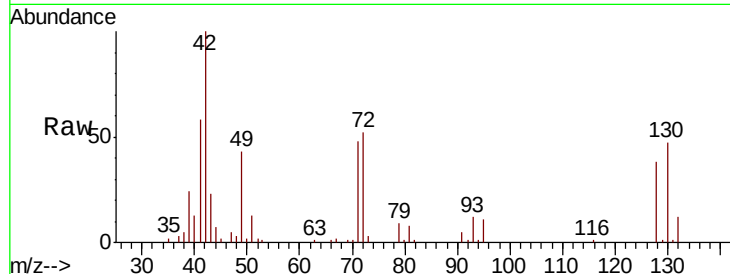




#29
Tetrahydrofuran
Concen: 92.711 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

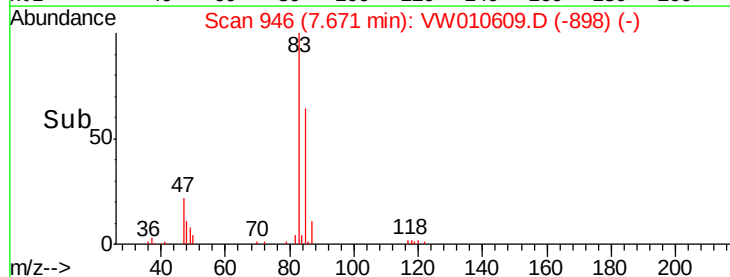
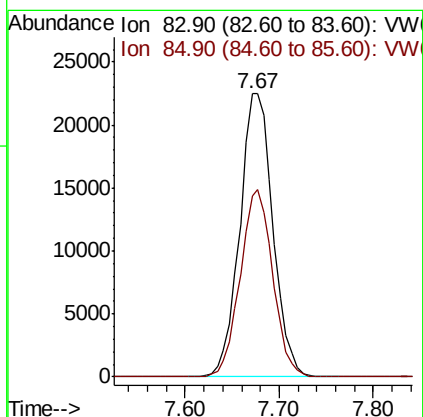
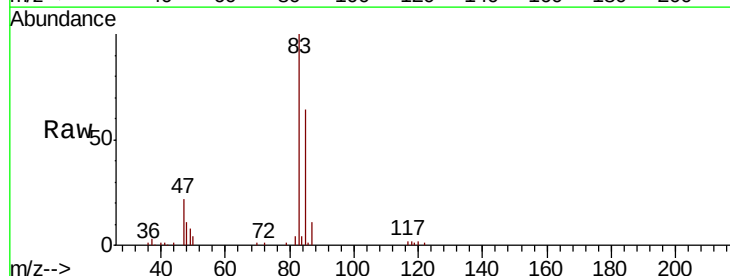
Instrument :
MSVOA_W
ClientSampleId :
VW0530SBS01

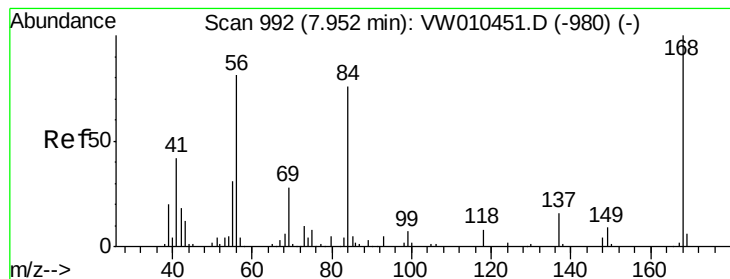
Tot Ion: 42 Resp: 25049
Ion Ratio Lower Upper
42 100
72 50.2 38.5 57.7
71 46.3 36.5 54.7



#30
Chloroform
Concen: 20.681 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

Tgt Ion: 83 Resp: 55266
Ion Ratio Lower Upper
83 100
85 63.7 52.2 78.4





#31

Cyclohexane

Concen: 18.534 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0530SBSD01

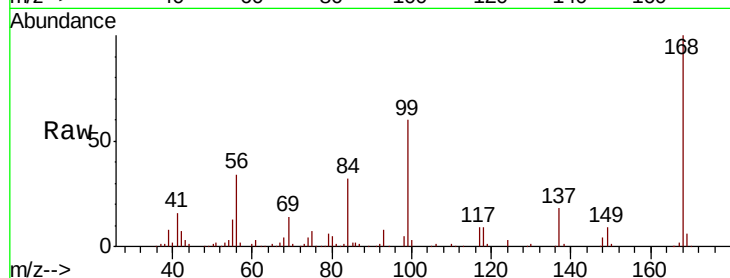
Tot Ion: 56 Resp: 48099

Ion Ratio Lower Upper

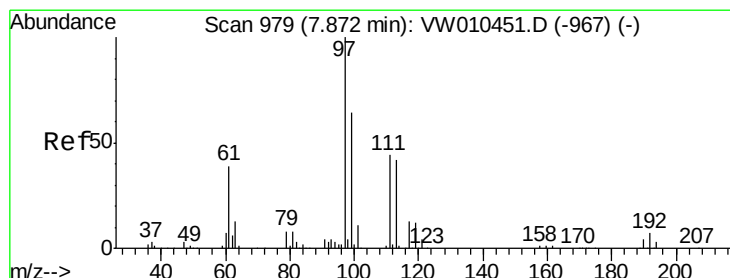
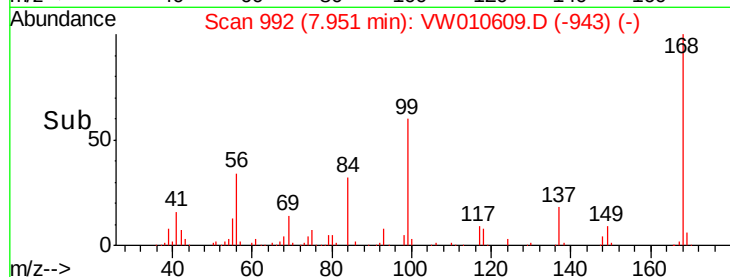
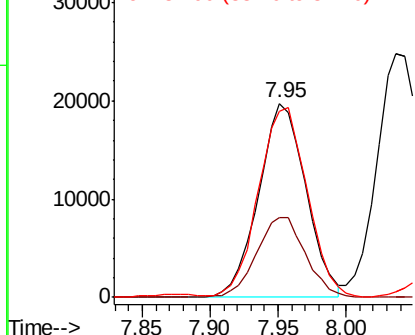
56 100

69 40.9 28.2 42.2

84 95.0 75.8 113.8



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: 20.307 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

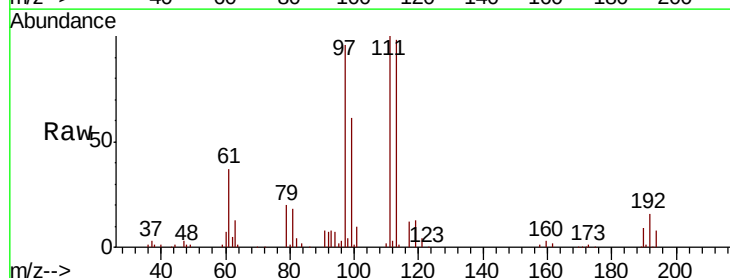
Tgt Ion: 97 Resp: 51866

Ion Ratio Lower Upper

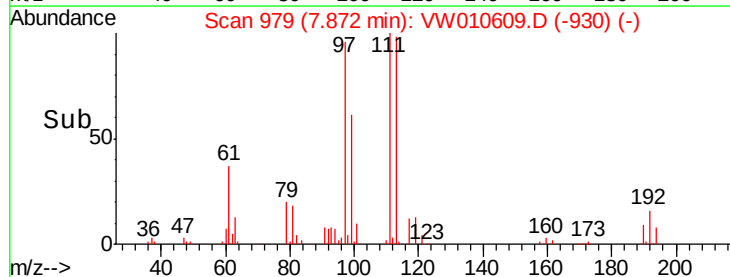
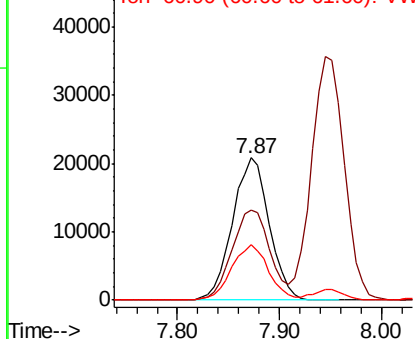
97 100

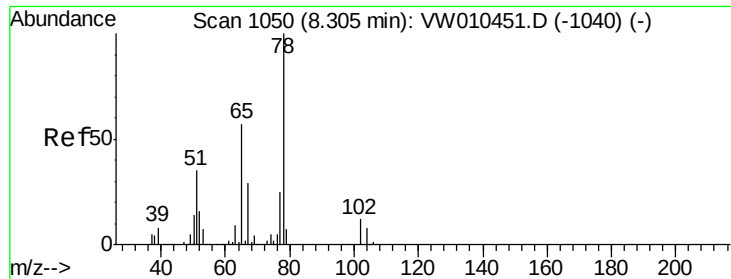
99 65.7 50.8 76.2

61 39.1 32.1 48.1



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

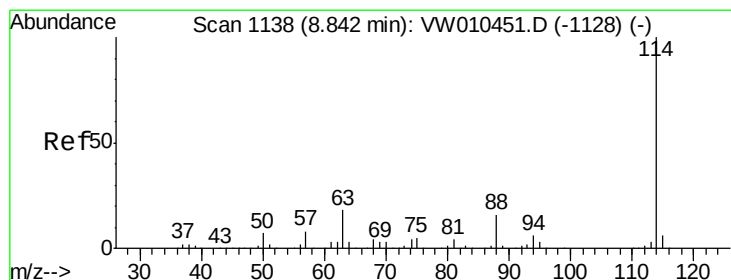
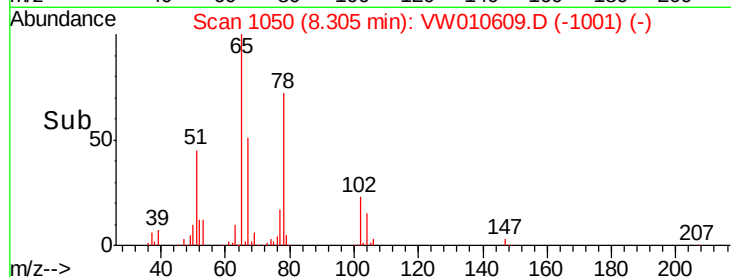
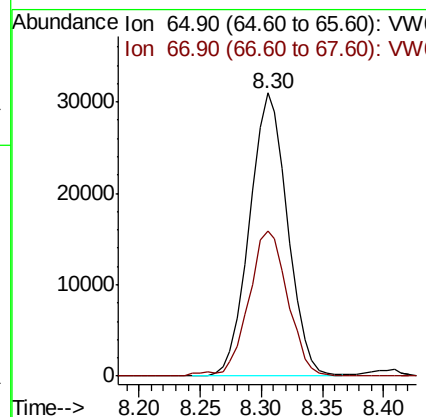
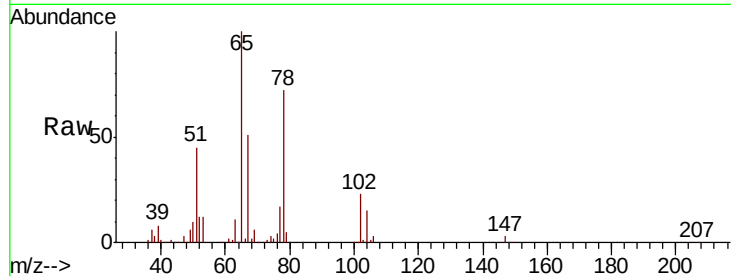




#33
 1,2-Dichloroethane-d4
 Concen: 48.851 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

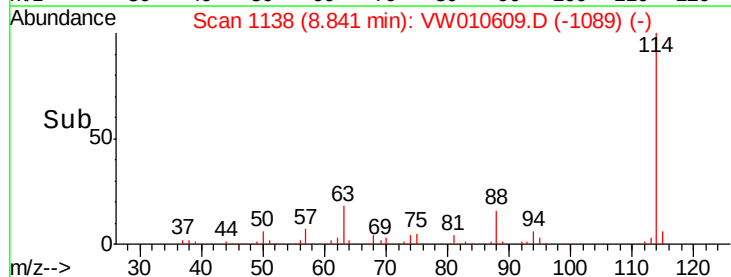
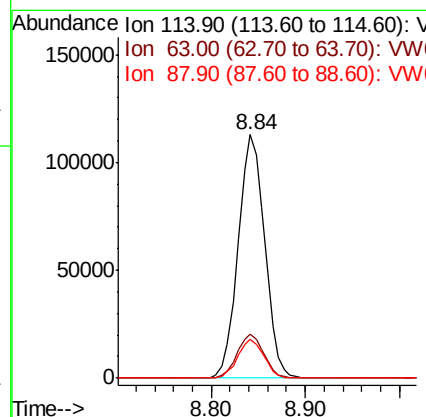
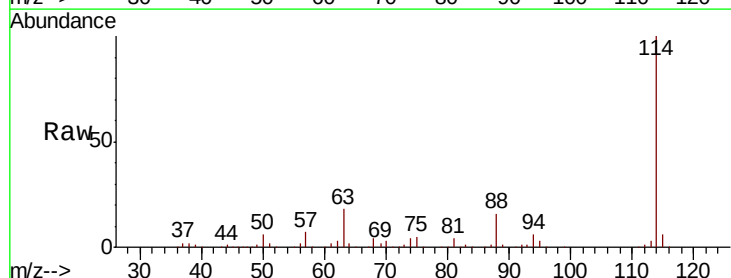
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBSD01

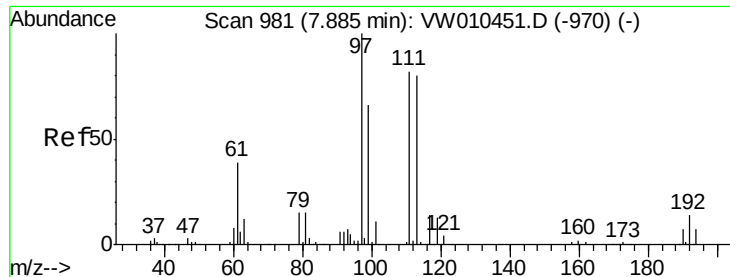
Tot Ion: 65 Resp: 66771
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Tgt Ion: 114 Resp: 221422
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.0
 88 15.9 0.0 32.0

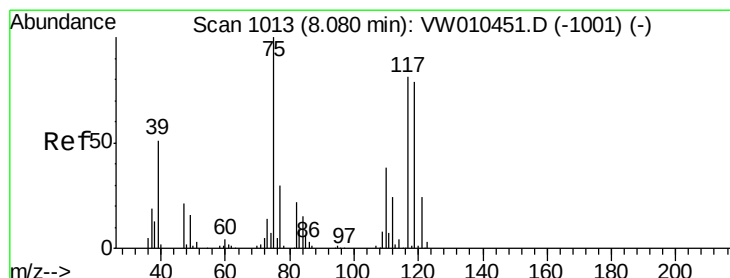
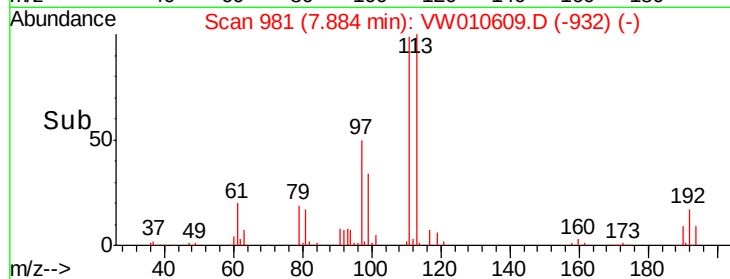
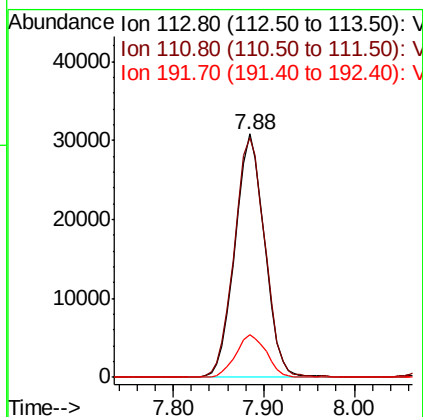
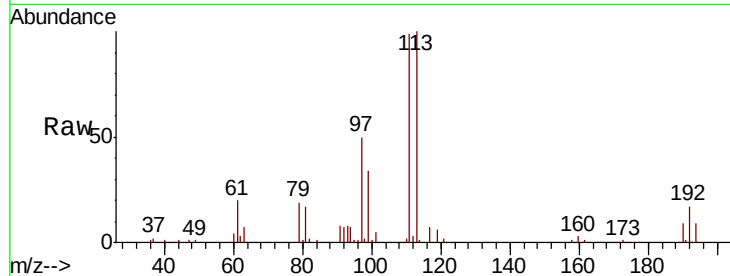




#35
 Dibromofluoromethane
 Concen: 51.968 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

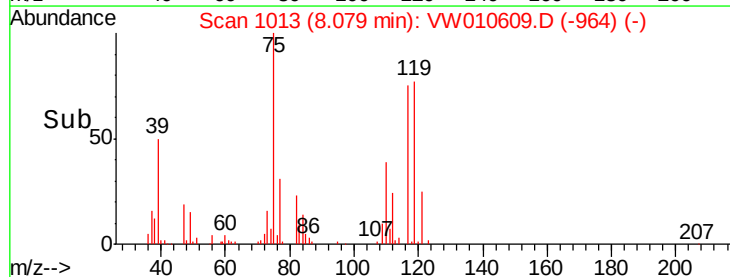
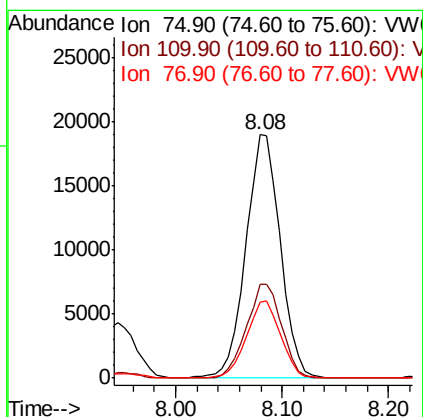
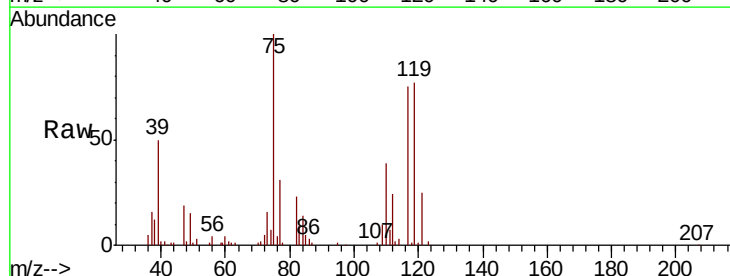
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBSD01

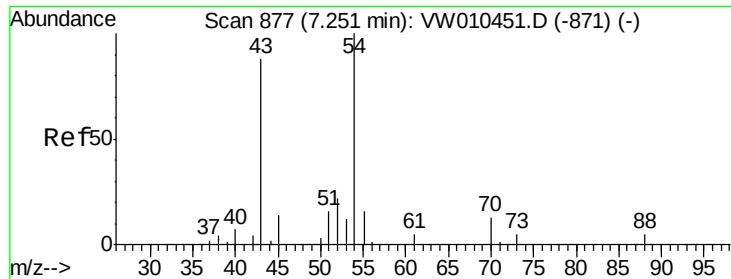
Tot Ion:113 Resp: 69821
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 18.0 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 20.906 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Tgt Ion: 75 Resp: 43122
 Ion Ratio Lower Upper
 75 100
 110 39.2 19.2 57.6
 77 31.3 25.2 37.8

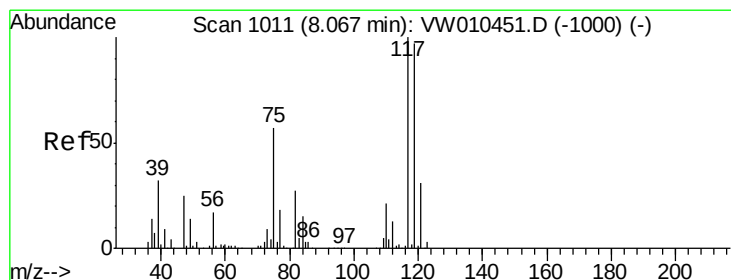
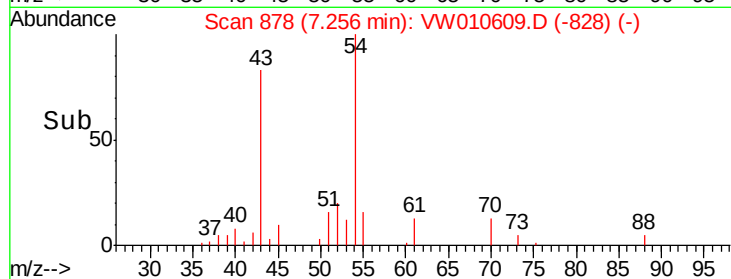
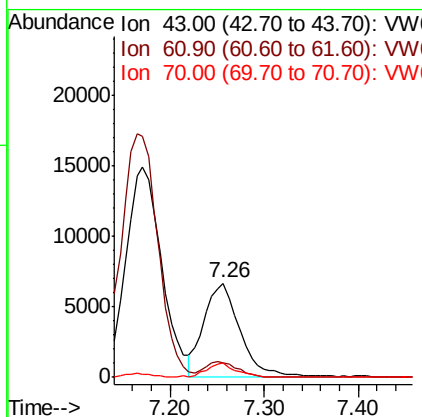
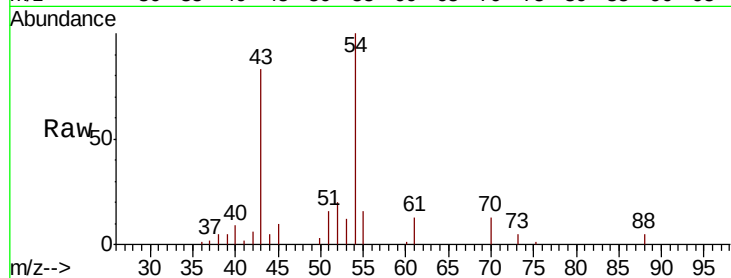




#37
Ethyl Acetate
Concen: 19.894 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

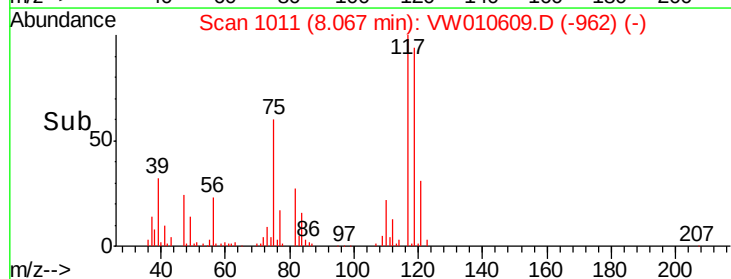
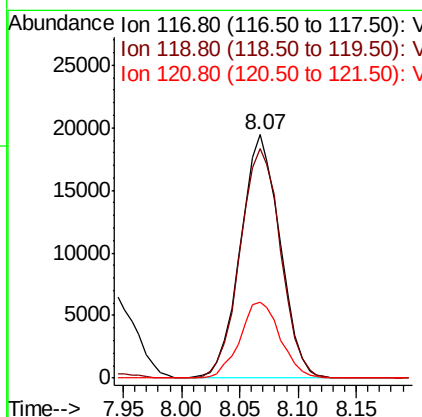
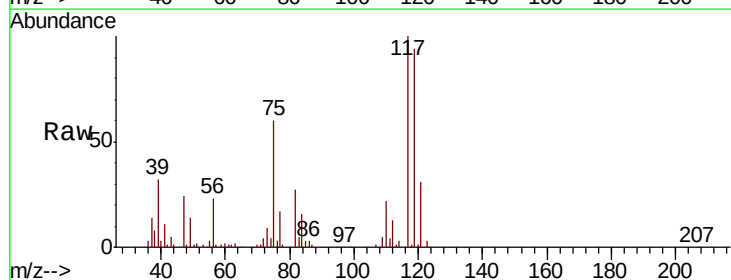
Instrument :
MSVOA_W
ClientSampleId :
VW0530SBSD01

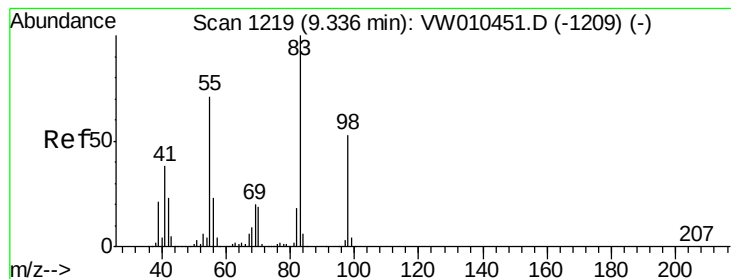
Tot Ion: 43 Resp: 17450
Ion Ratio Lower Upper
43 100
61 15.2 11.2 16.8
70 12.8 9.9 14.9



#38
Carbon Tetrachloride
Concen: 20.731 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

Tgt Ion: 117 Resp: 46128
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.0
121 31.3 25.0 37.6





#39

Methylvlcyclohexane

Concen: 20.041 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0530SBS01

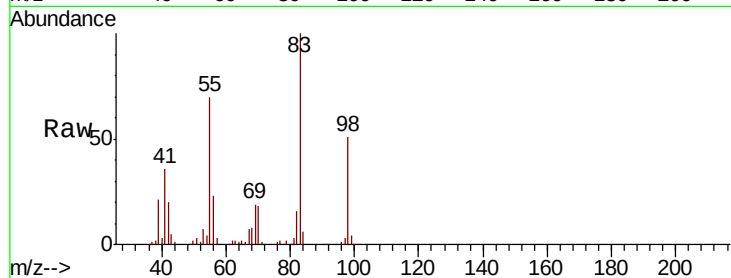
Tot Ion: 83 Resp: 55384

Ion Ratio Lower Upper

83 100

55 70.3 57.0 85.6

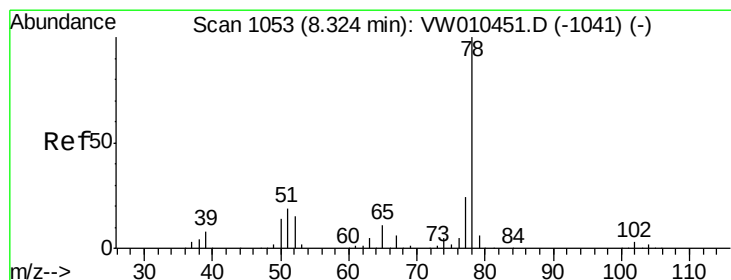
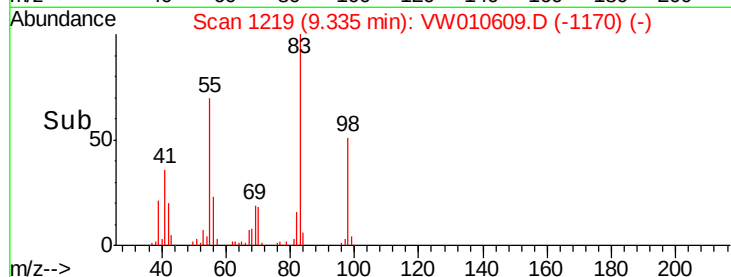
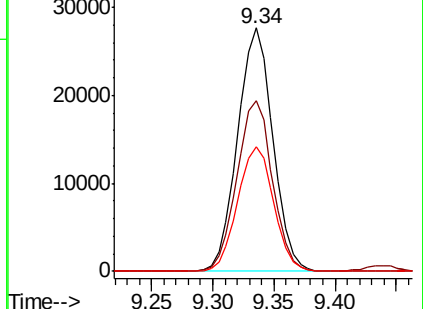
98 51.0 42.0 63.0



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 21.463 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW010609.D

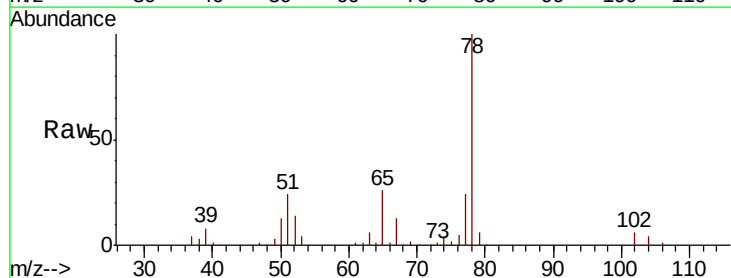
Acq: 30 May 2019 12:23

Tgt Ion: 78 Resp: 123046

Ion Ratio Lower Upper

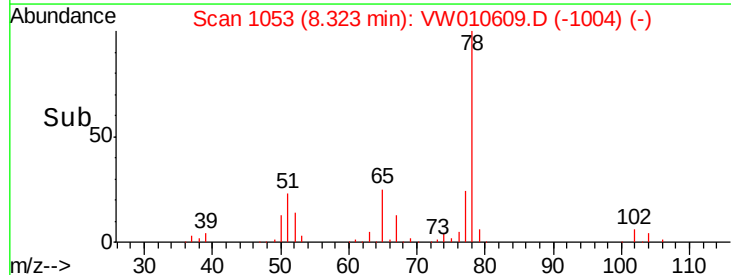
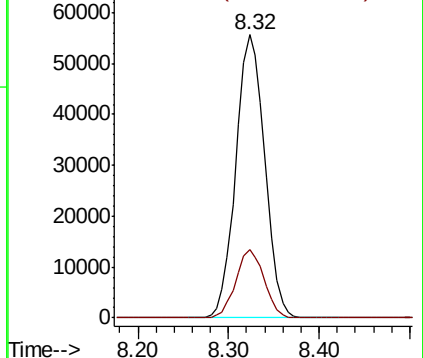
78 100

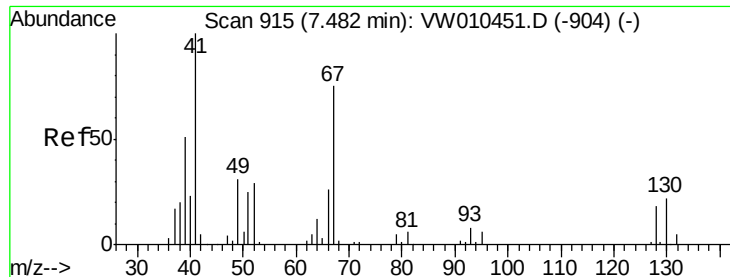
77 24.3 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

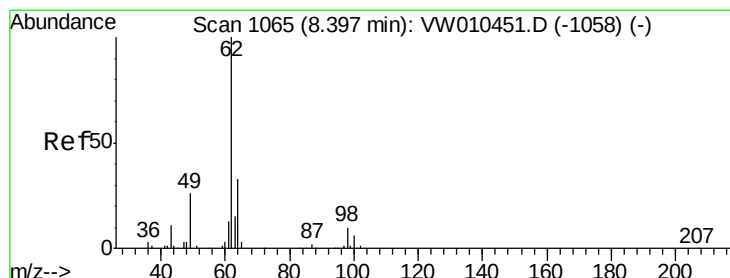
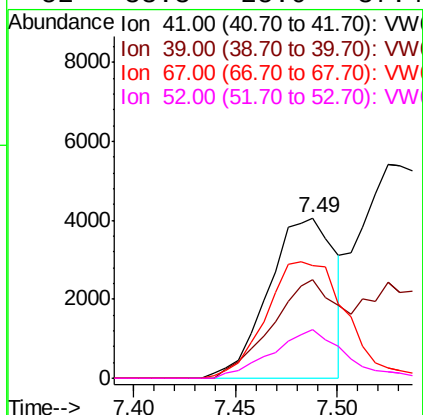
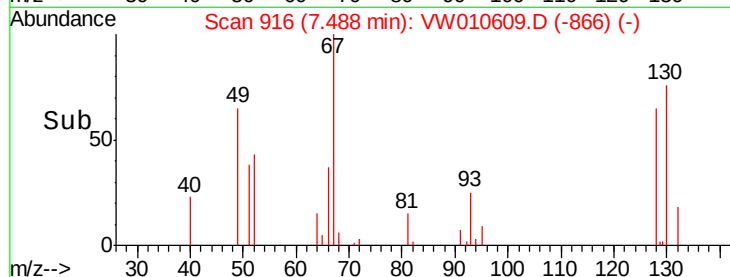
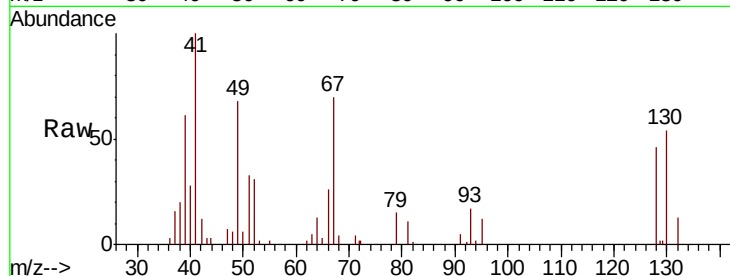




#41
Methacrylonitrile
Concen: 17.651 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

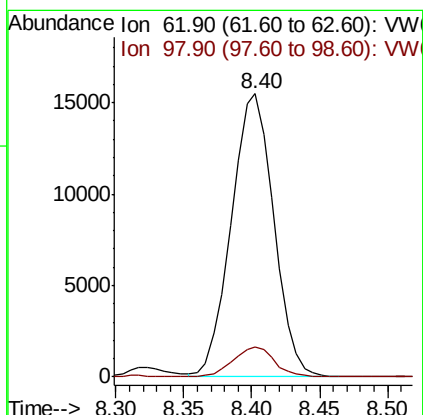
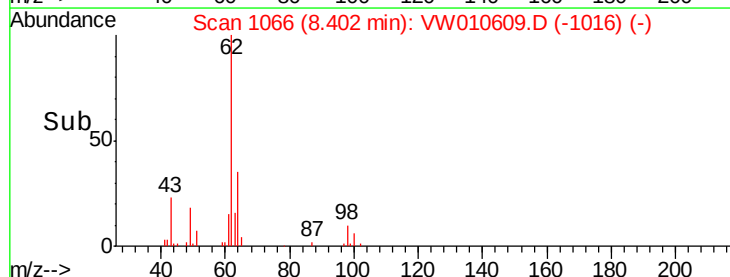
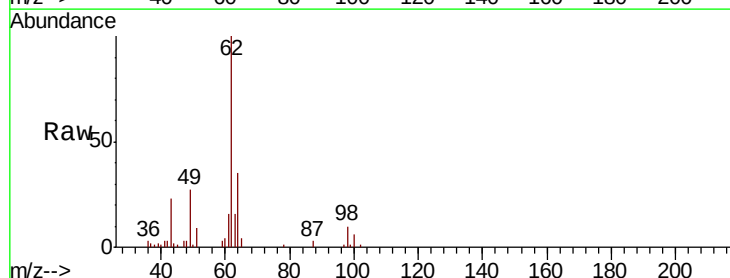
Instrument :
MSVOA_W
ClientSampleId :
VW0530SBSD01

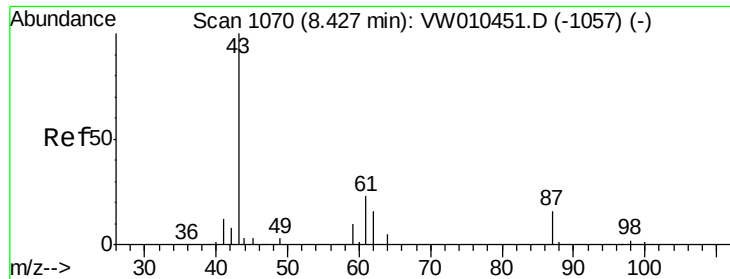
Tot Ion:	41	Resp:	9199
Ion	Ratio	Lower	Upper
41	100		
39	64.3	47.4	71.2
67	87.4	65.5	98.3
52	33.3	25.0	37.4



#42
1,2-Dichloroethane
Concen: 20.630 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

Tgt Ion:	62	Resp:	33803
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.0





#43

Isopropyl Acetate

Concen: 19.023 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0530SBSD01

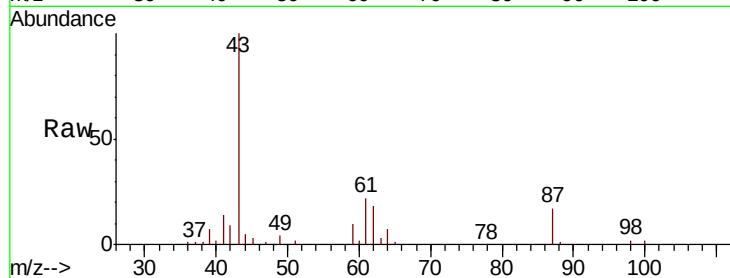
Tot Ion: 43 Resp: 33334

Ion Ratio Lower Upper

43 100

61 32.9 25.4 38.2

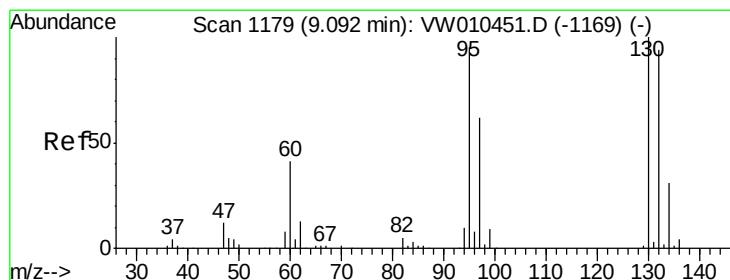
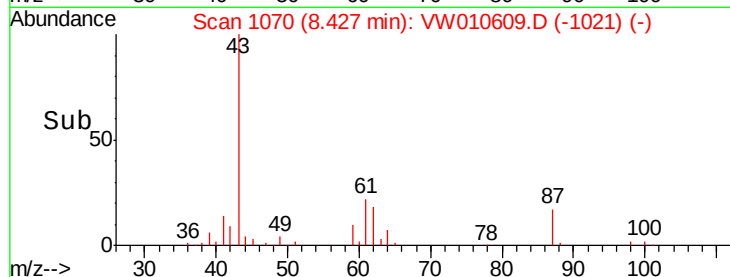
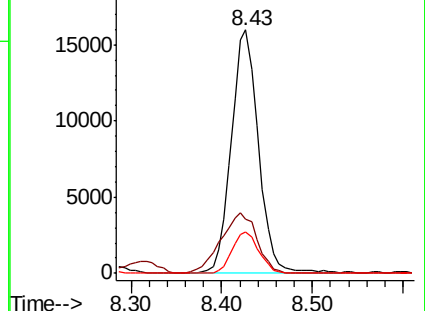
87 16.8 12.7 19.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.601 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010609.D

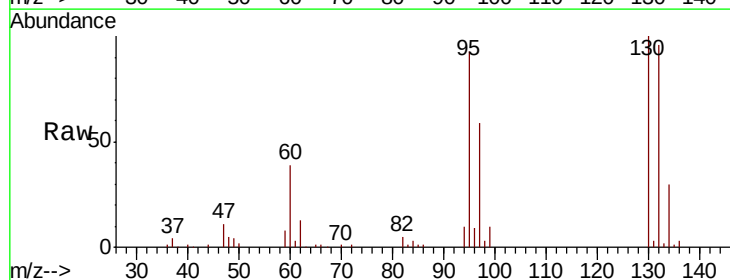
Acq: 30 May 2019 12:23

Tgt Ion:130 Resp: 36766

Ion Ratio Lower Upper

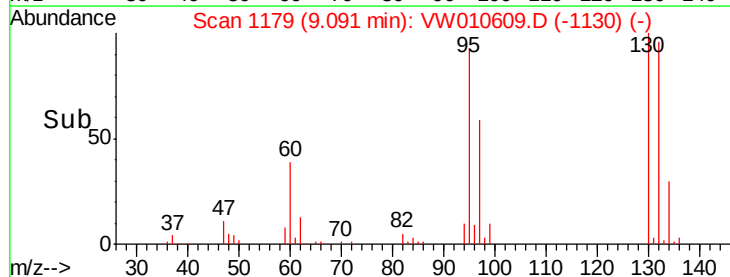
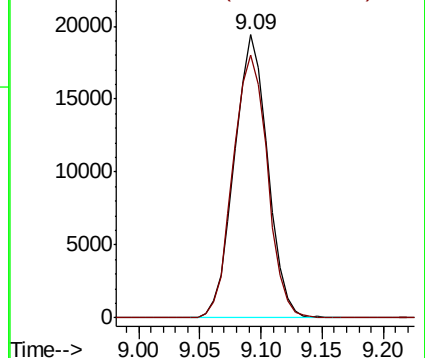
130 100

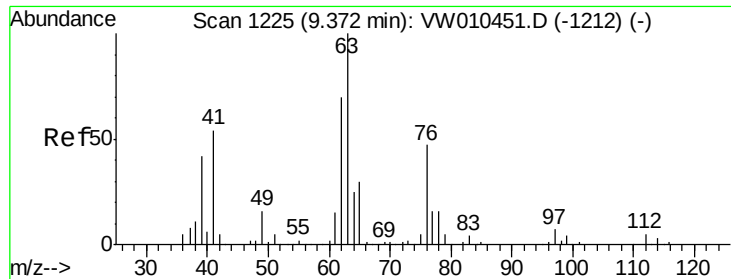
95 92.7 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

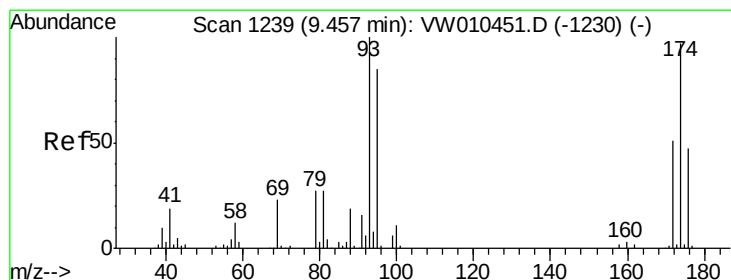
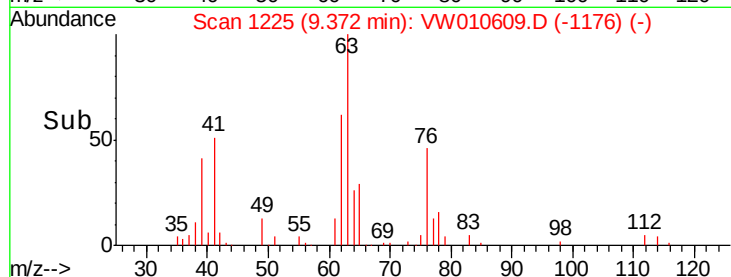
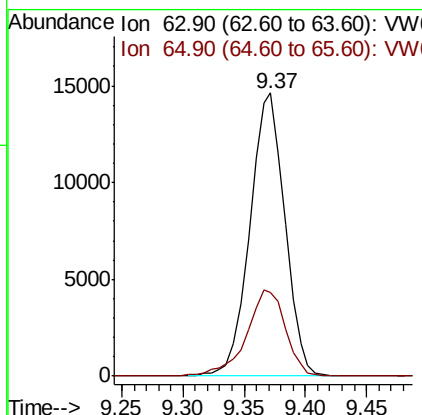
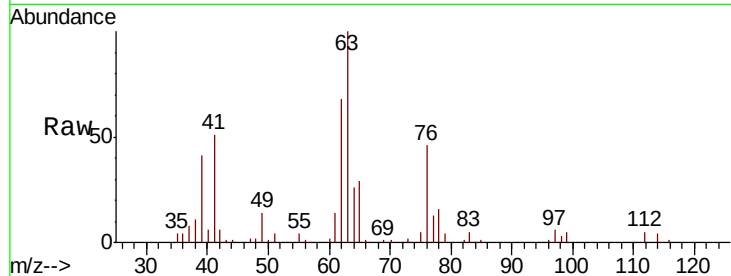




#45
 1,2-Dichloropropane
 Concen: 21.328 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

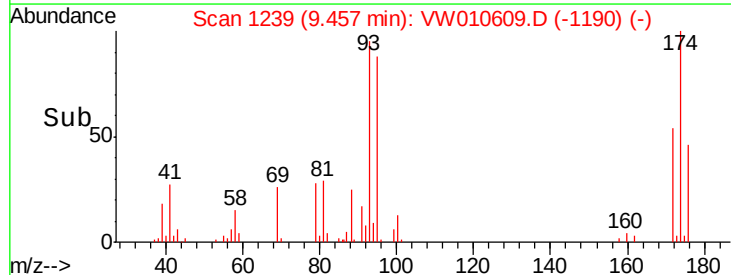
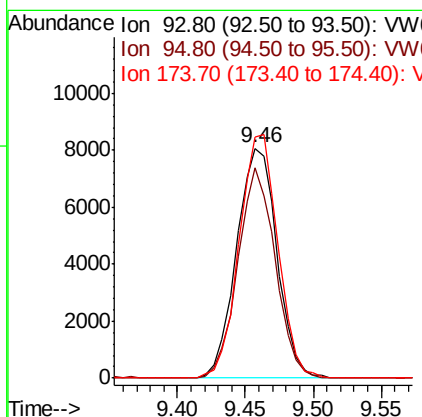
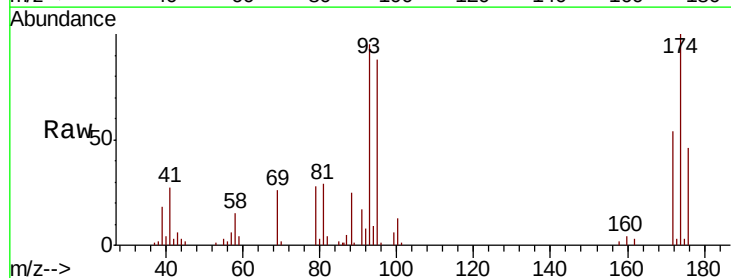
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBSD01

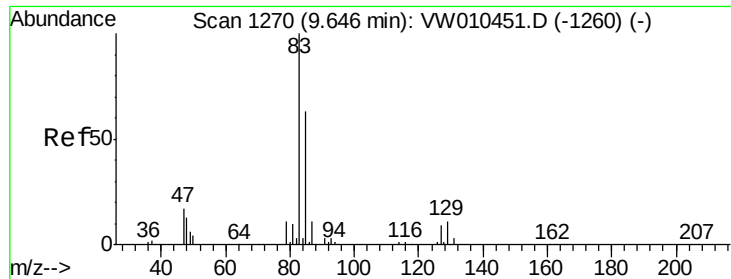
Tot Ion: 63 Resp: 29040
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.3 36.5



#46
 Dibromomethane
 Concen: 21.024 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Tgt Ion: 93 Resp: 16741
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.1 99.1
 174 101.6 77.1 115.7

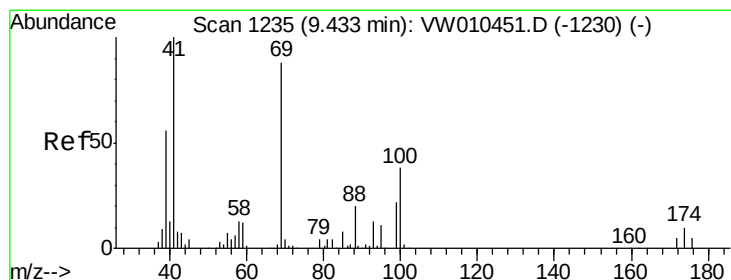
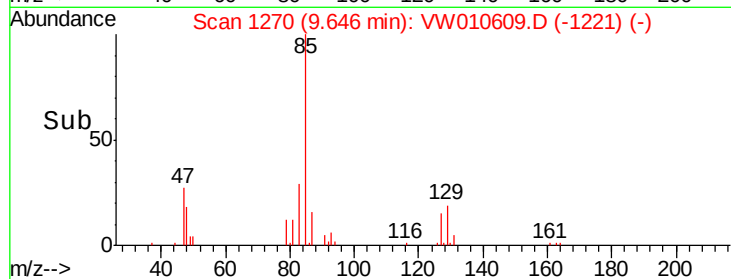
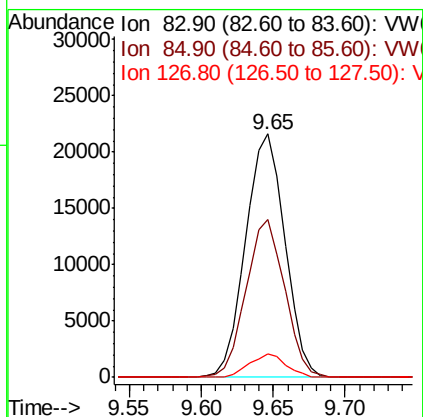
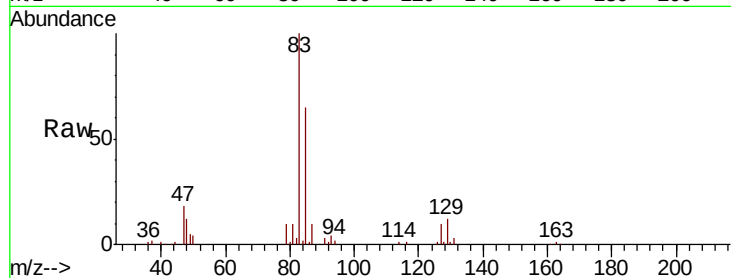




#47
Bromodichloromethane
Concen: 20.388 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

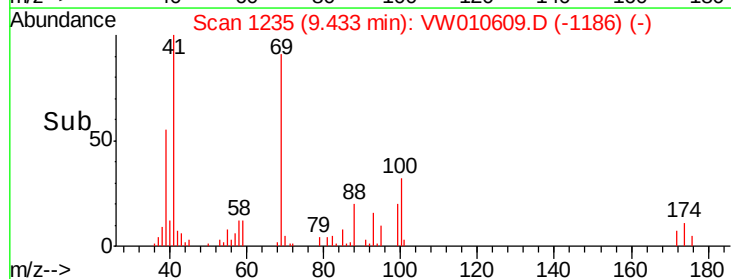
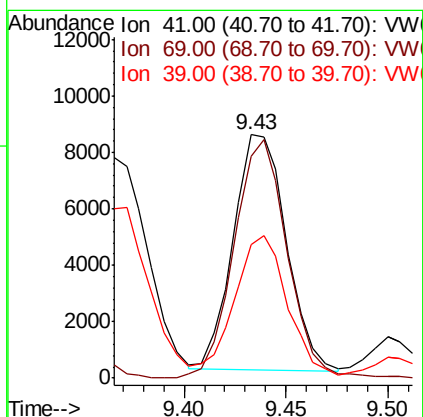
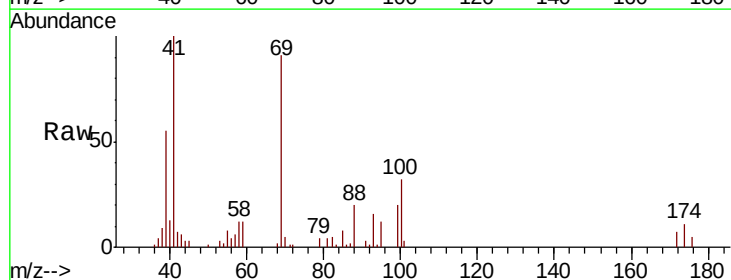
Instrument :
MSVOA_W
ClientSampleId :
VW0530SBSD01

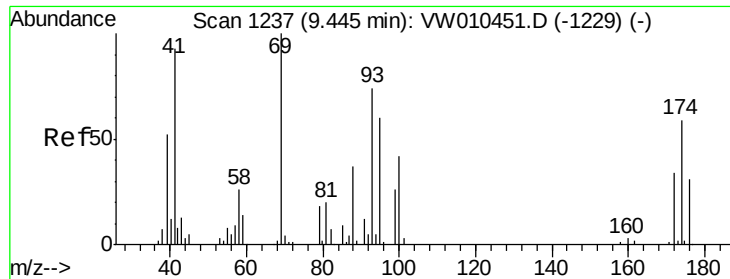
Tot Ion	83	Resp	40798
Ion Ratio	100		
85	64.6	50.4	75.6
127	9.8	7.4	11.0



#48
Methyl methacrylate
Concen: 18.790 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

Tgt Ion	41	Resp	15063
Ion Ratio	100		
69	102.0	77.6	116.4
39	58.2	49.8	74.8





#49

1,4-Dioxane

Concen: 411.062 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampled :

VW0530SBSD01

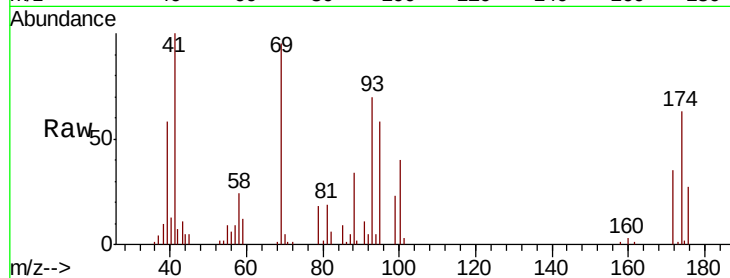
Tot Ion: 88 Resp: 5347

Ion Ratio Lower Upper

88 100

43 29.8 25.9 38.9

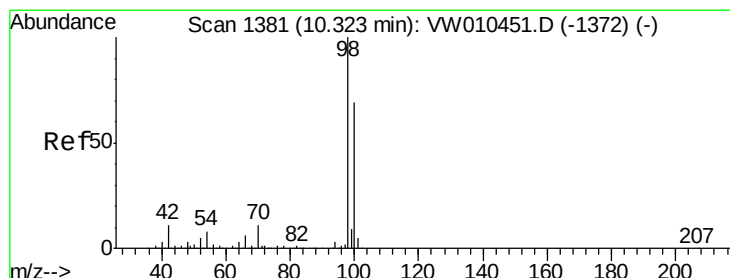
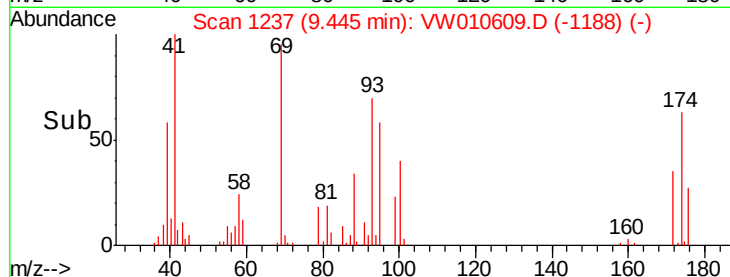
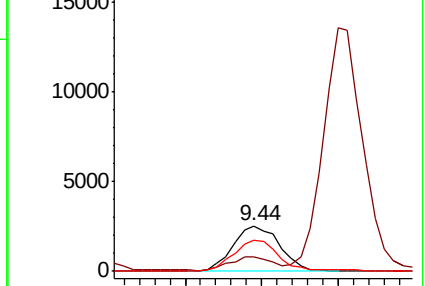
58 66.4 52.7 79.1



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: 51.646 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010609.D

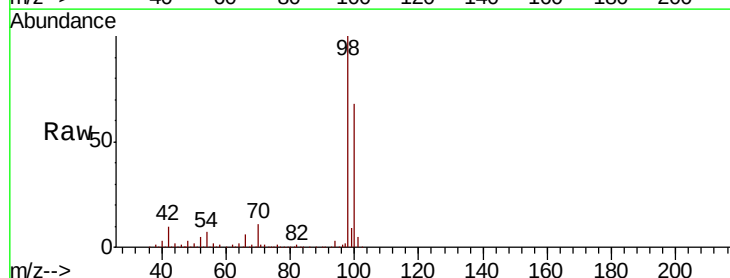
Acq: 30 May 2019 12:23

Tgt Ion: 98 Resp: 265080

Ion Ratio Lower Upper

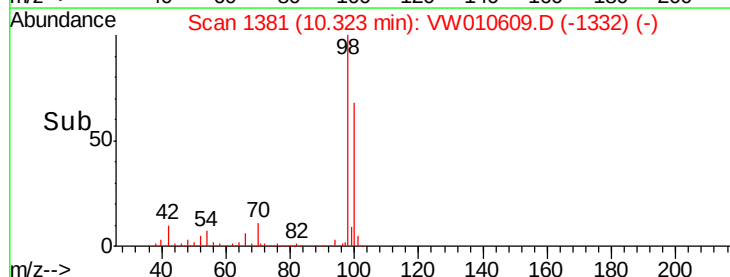
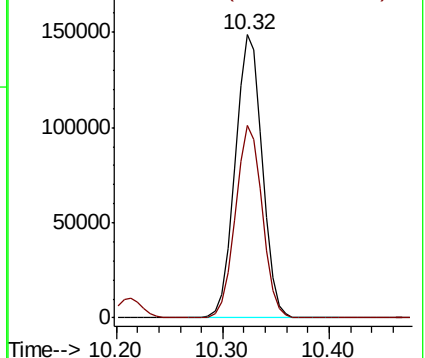
98 100

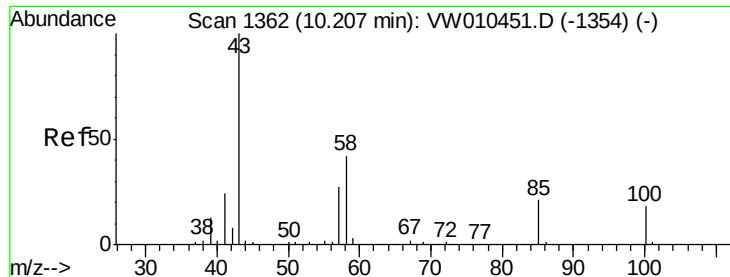
100 67.4 53.7 80.5



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: 99.637 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleID :

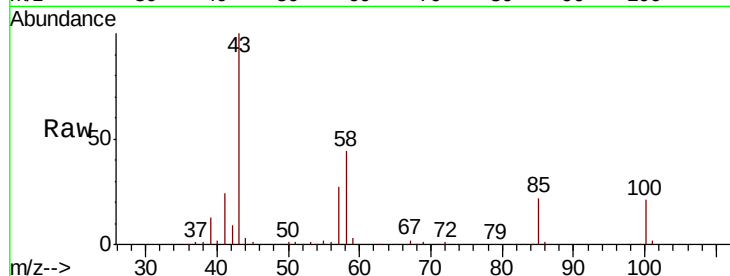
VW0530SBSD01

Tot Ion: 43 Resp: 88472

Ion Ratio Lower Upper

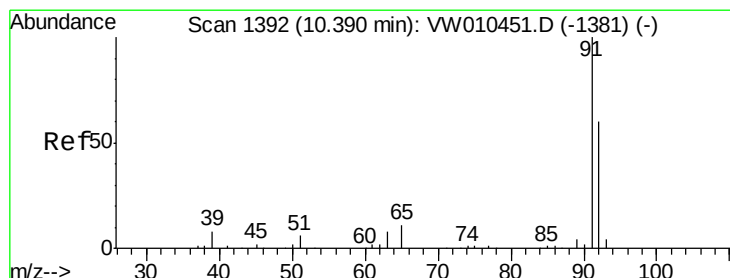
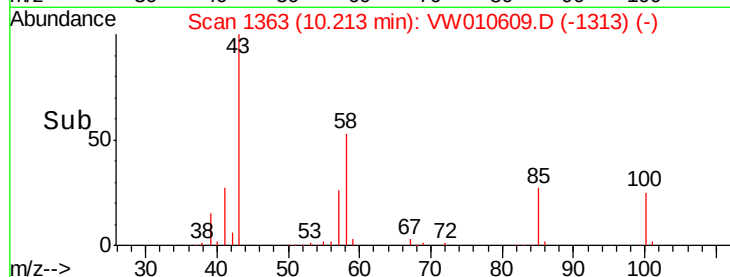
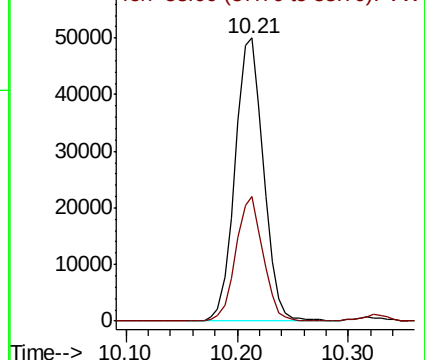
43 100

58 42.1 33.2 49.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 21.611 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010609.D

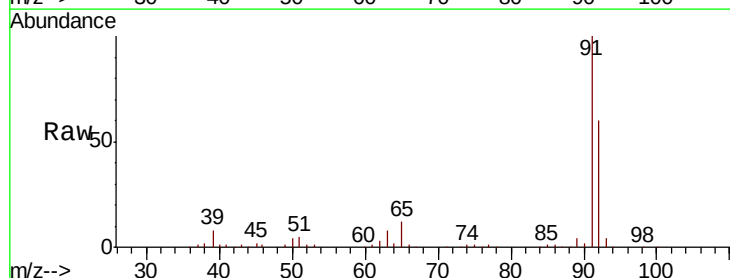
Acq: 30 May 2019 12:23

Tgt Ion: 92 Resp: 83205

Ion Ratio Lower Upper

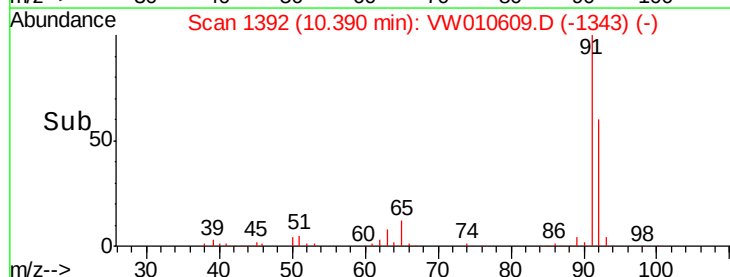
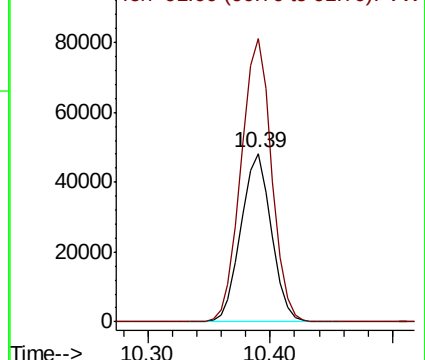
92 100

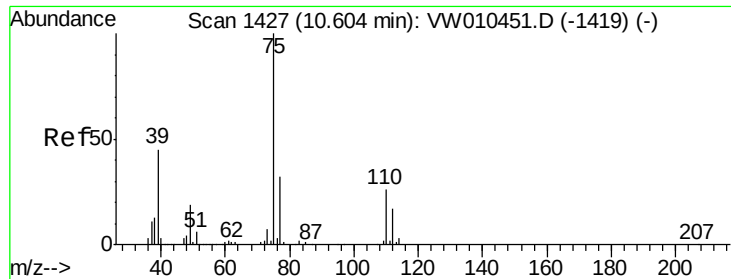
91 168.9 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 19.645 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

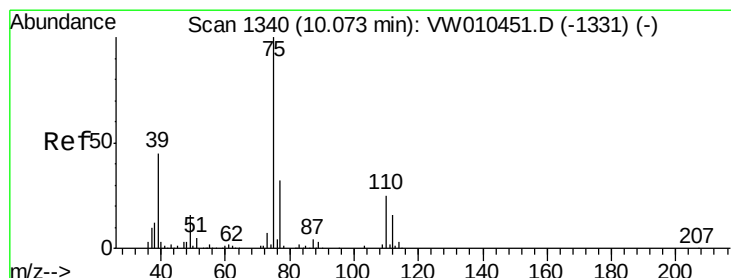
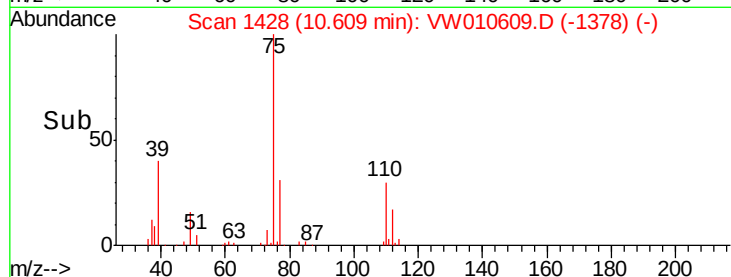
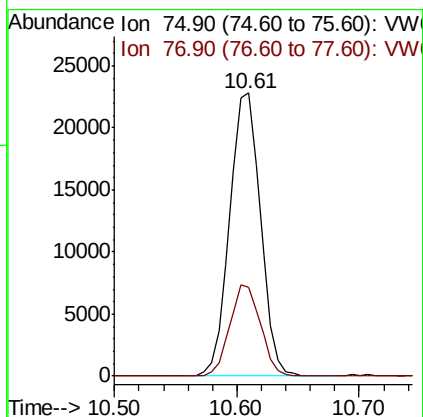
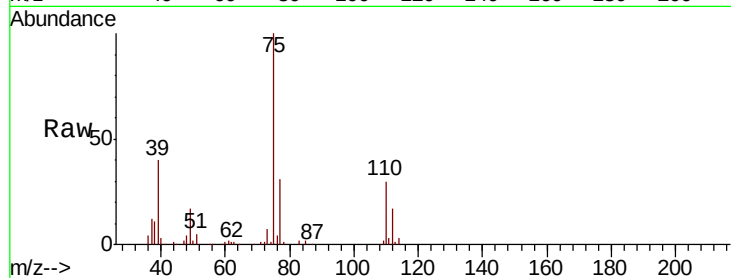
VW0530SBSD01

Tot Ion: 75 Resp: 39813

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 20.190 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

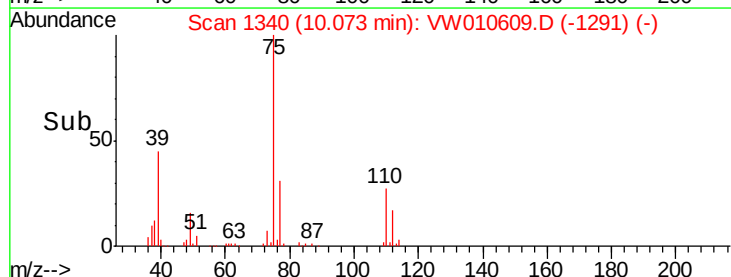
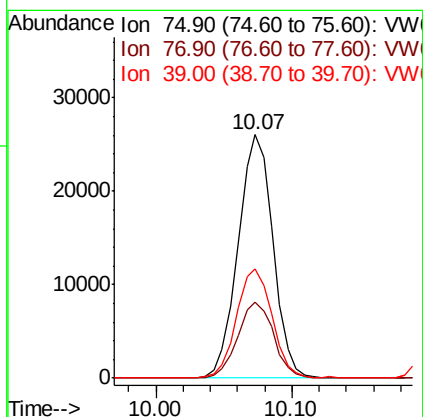
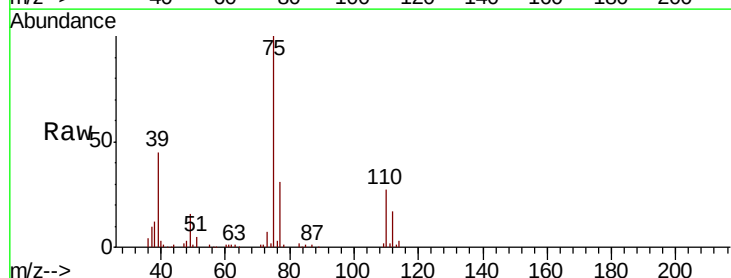
Tgt Ion: 75 Resp: 46730

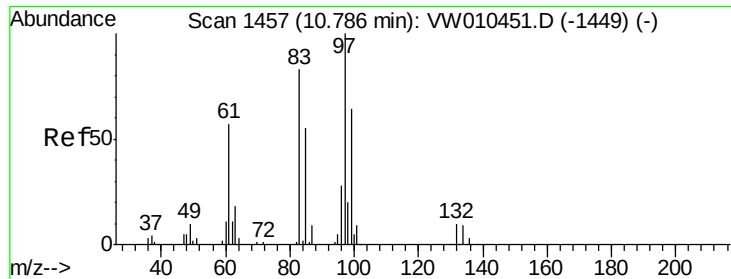
Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5

39 44.8 36.2 54.4

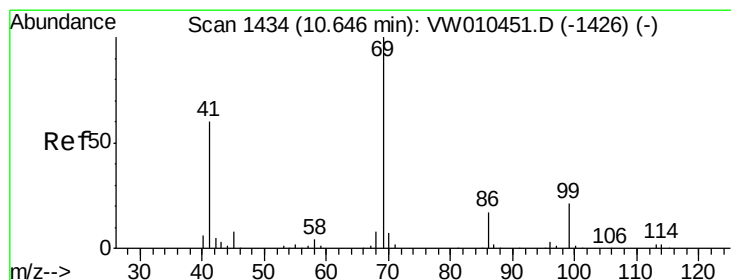
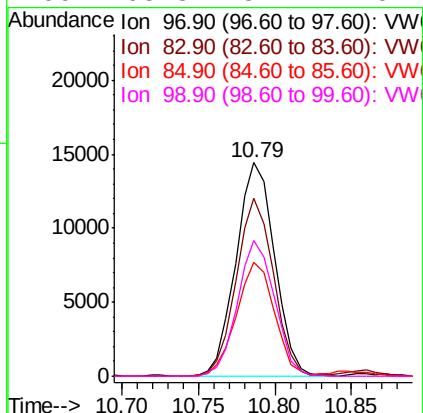
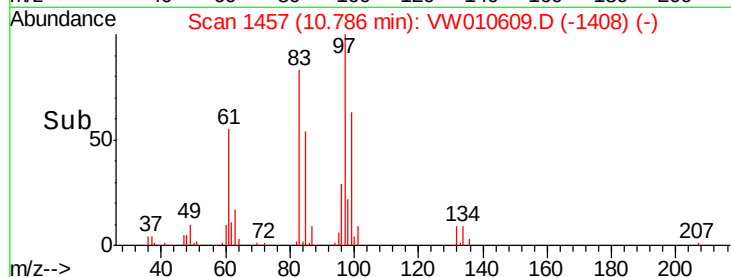
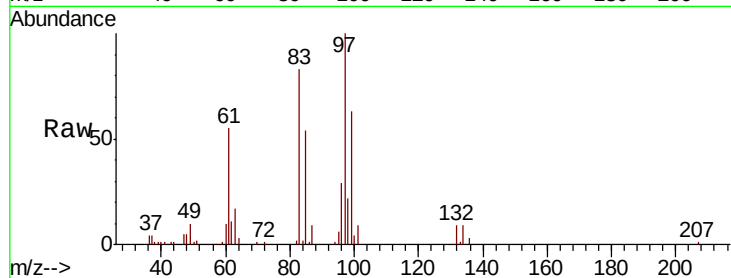




#55
 1,1,2-Trichloroethane
 Concen: 22.118 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

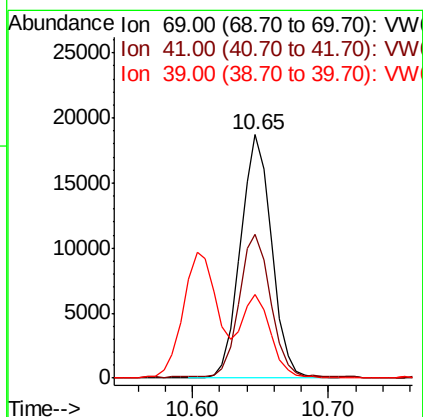
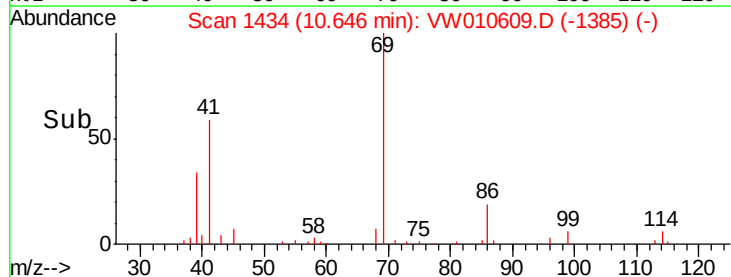
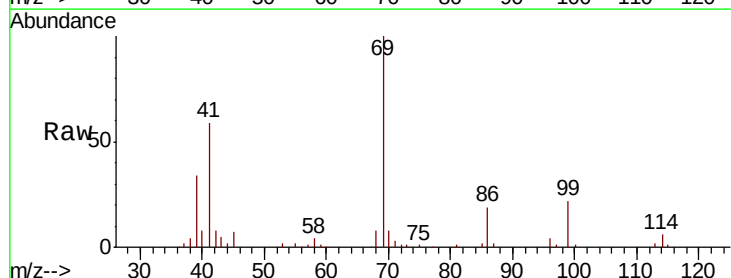
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBSD01

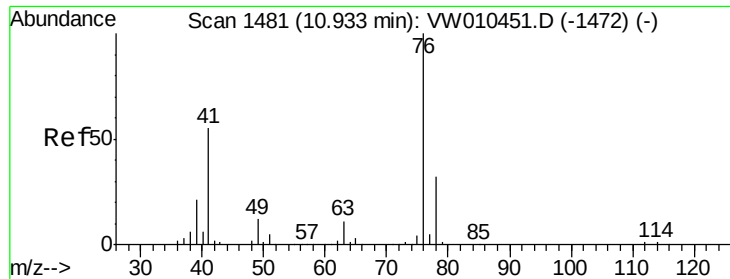
Tot Ion:	97	Resp:	25327
Ion	Ratio	Lower	Upper
97	100		
83	83.3	66.1	99.1
85	53.5	44.2	66.4
99	63.3	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 19.001 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Tgt Ion:	69	Resp:	30007
Ion	Ratio	Lower	Upper
69	100		
41	59.5	47.7	71.5
39	32.5	25.3	37.9

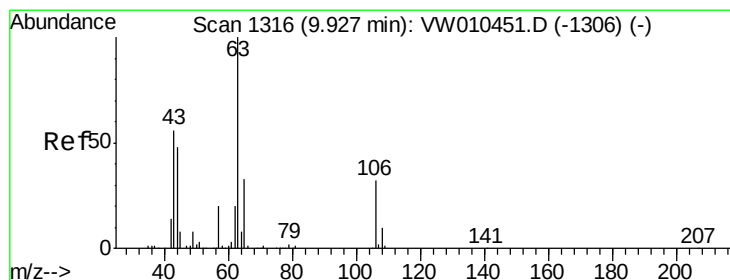
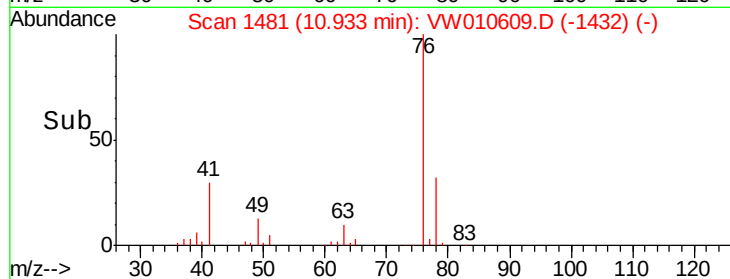
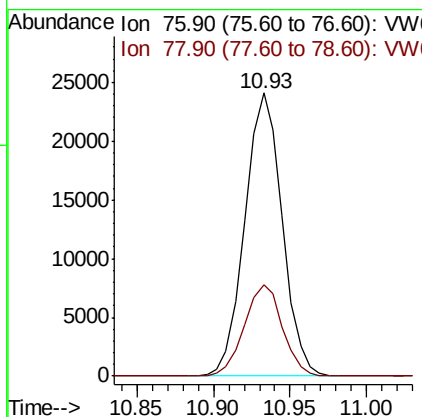
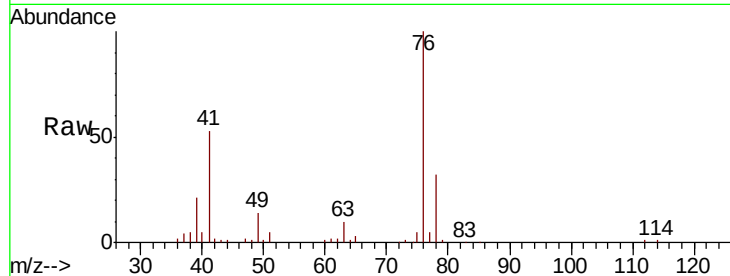




#57
 1,3-Dichloropropane
 Concen: 21.320 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

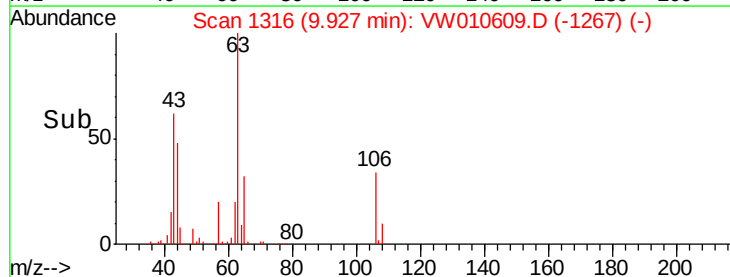
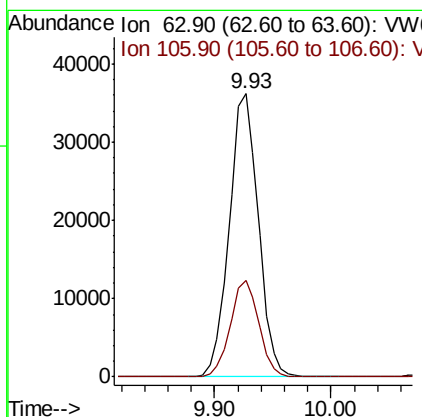
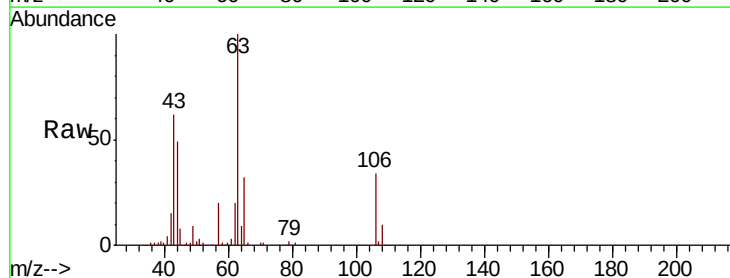
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBS01

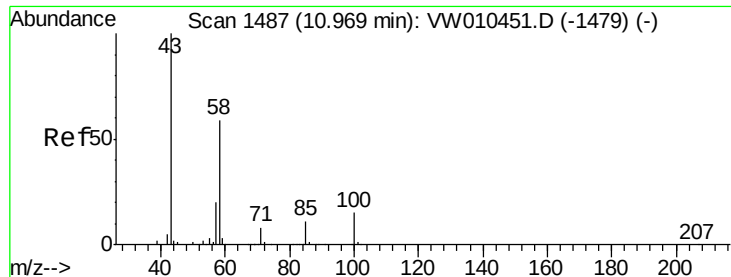
Tot Ion: 76 Resp: 40893
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.044 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Tgt Ion: 63 Resp: 62985
 Ion Ratio Lower Upper
 63 100
 106 33.3 25.8 38.6

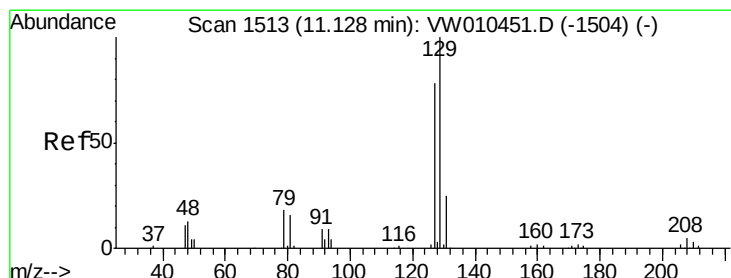
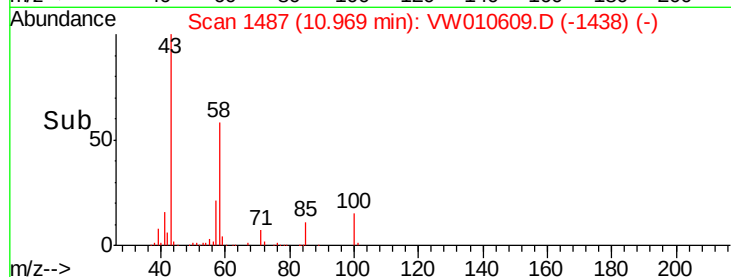
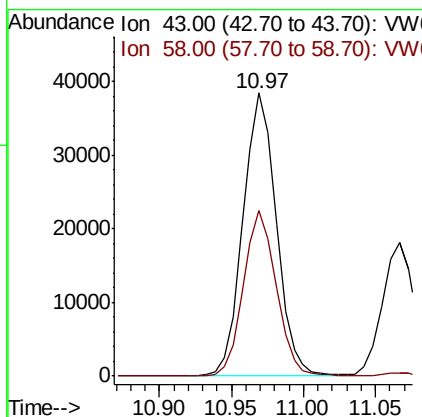
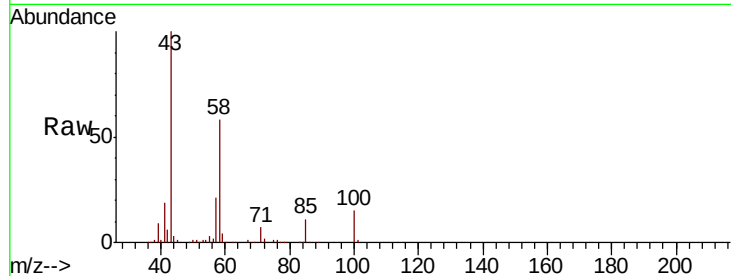




#59
2-Hexanone
Concen: 97.509 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

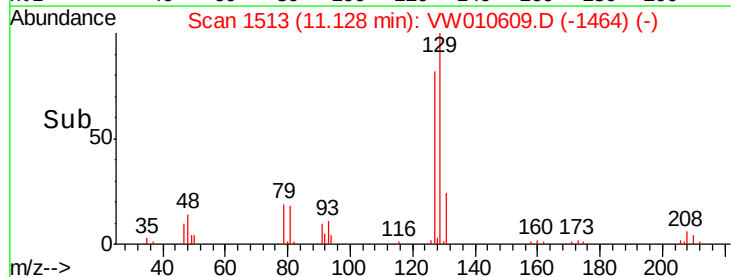
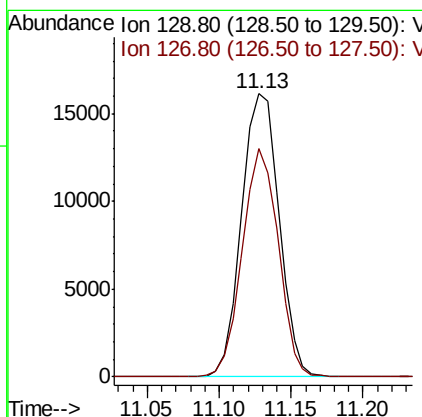
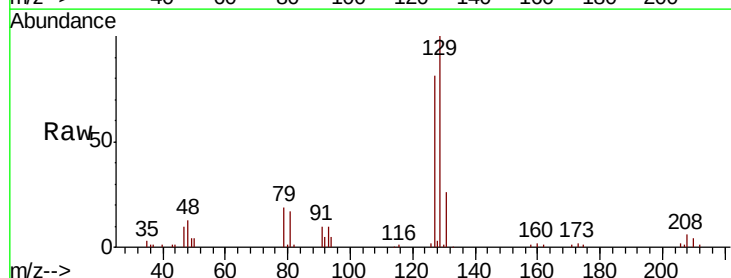
Instrument :
MSVOA_W
ClientSampleId :
VW0530SBSD01

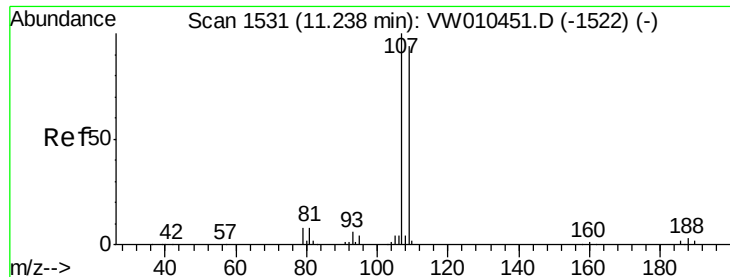
Tot Ion: 43 Resp: 61764
Ion Ratio Lower Upper
43 100
58 57.6 28.9 86.8



#60
Dibromochloromethane
Concen: 20.137 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

Tgt Ion: 129 Resp: 29183
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7

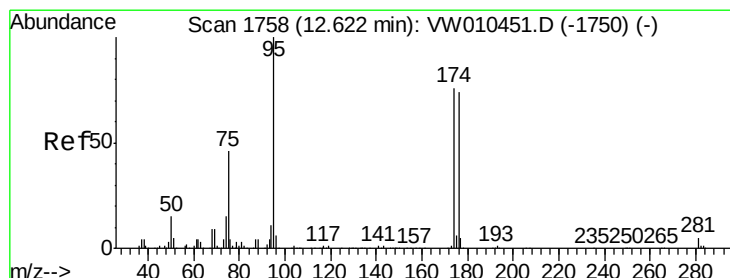
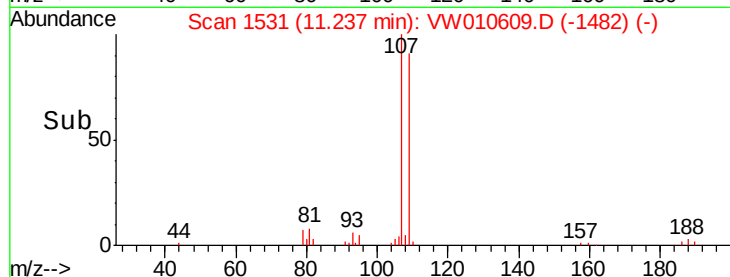
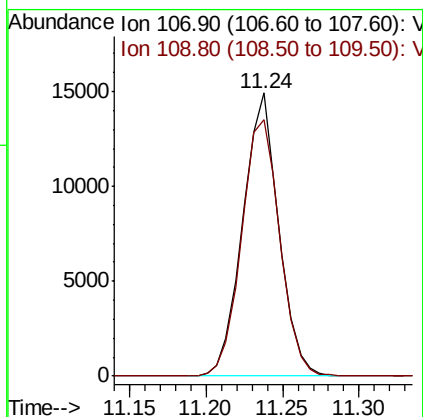
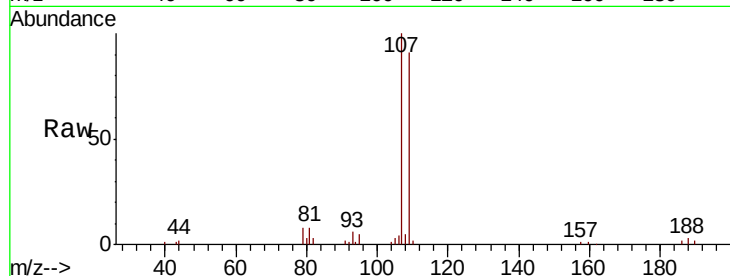




#61
 1,2-Dibromoethane
 Concen: 20.970 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

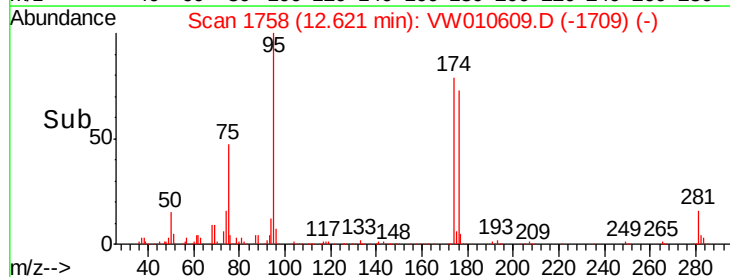
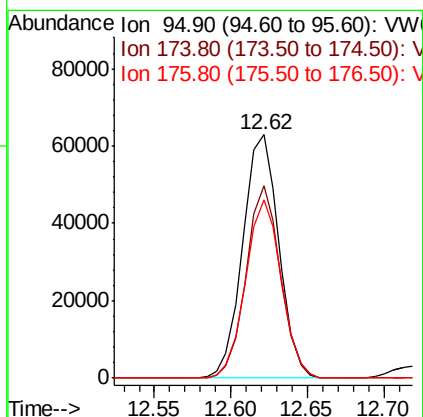
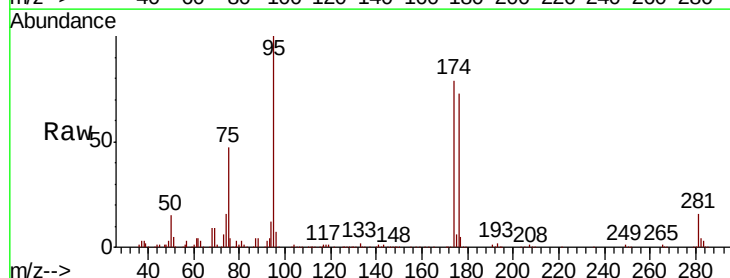
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBSD01

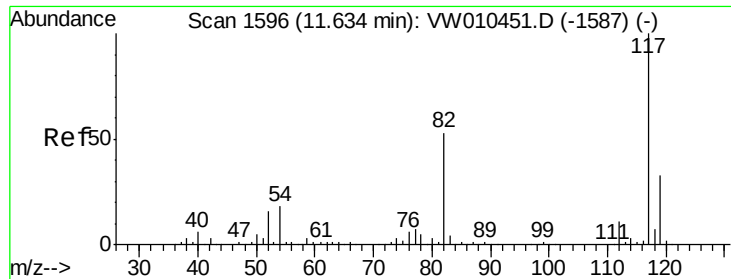
Tot Ion: 107 Resp: 24324
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 50.477 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Tgt Ion: 95 Resp: 103195
 Ion Ratio Lower Upper
 95 100
 174 75.1 0.0 148.6
 176 72.2 0.0 144.2

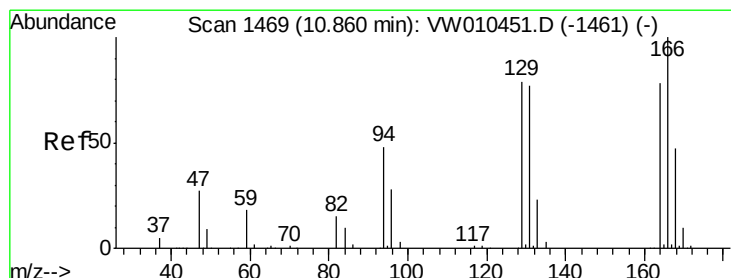
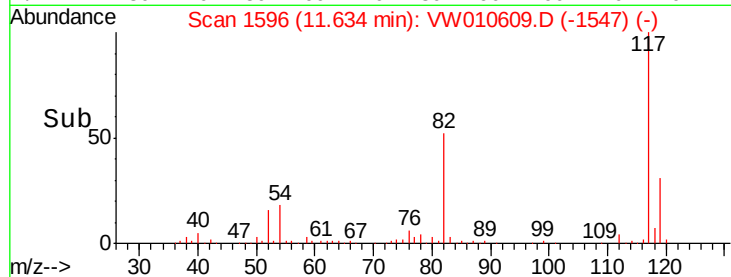
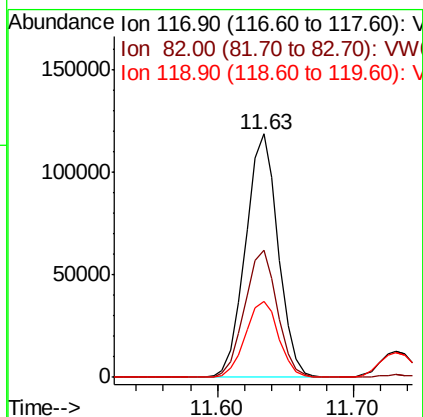
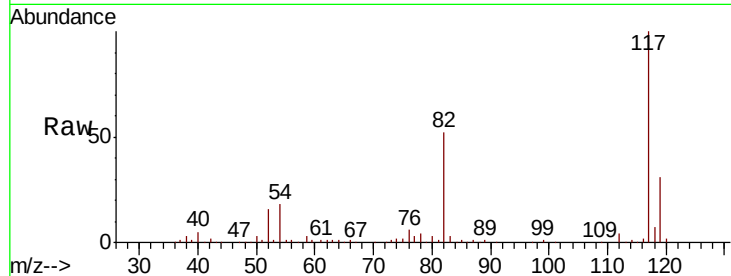




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

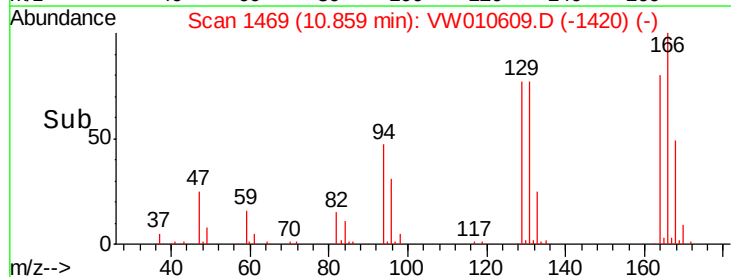
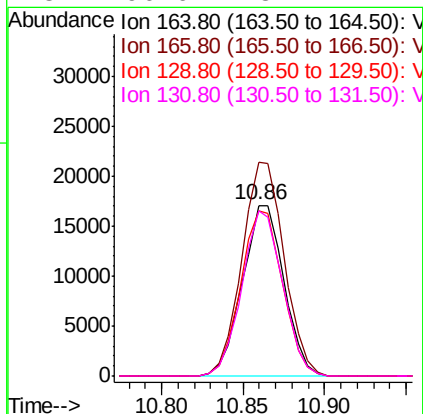
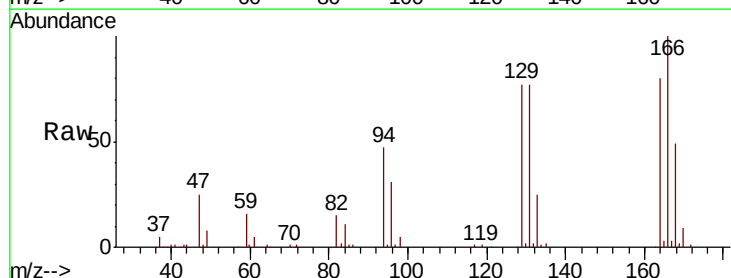
Instrument :
MSVOA_W
ClientSampleId :
VW0530SBSD01

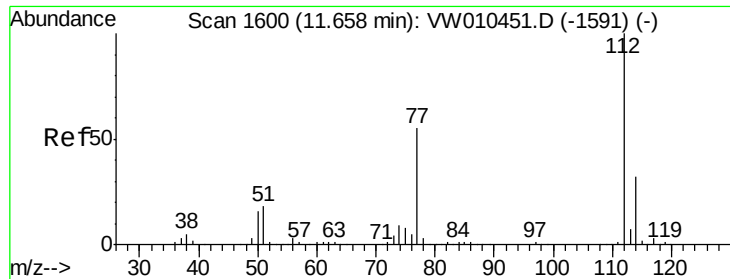
Tot Ion:117 Resp: 198605
Ion Ratio Lower Upper
117 100
82 52.0 42.8 64.2
119 31.3 26.3 39.5



#64
Tetrachloroethene
Concen: 21.879 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

Tgt Ion:164 Resp: 30291
Ion Ratio Lower Upper
164 100
166 125.2 101.9 152.9
129 96.7 80.6 121.0
131 96.6 78.2 117.2

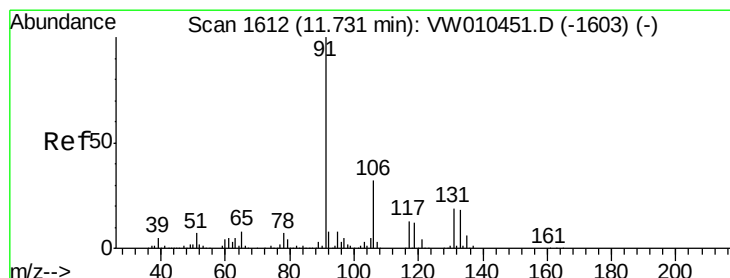
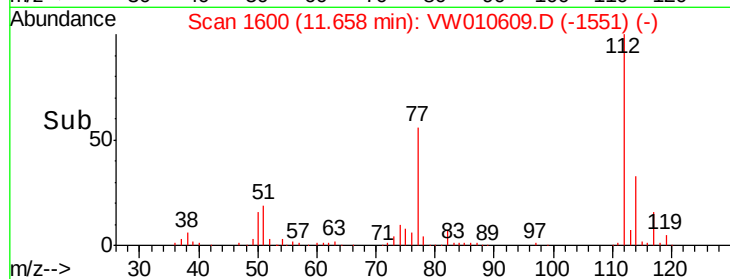
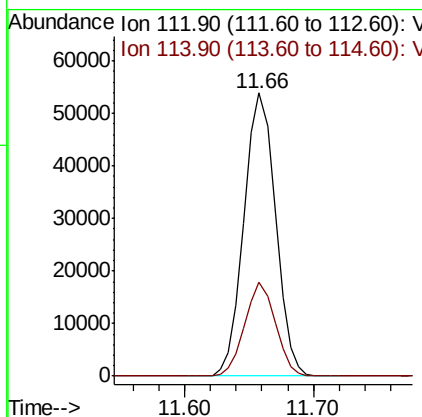
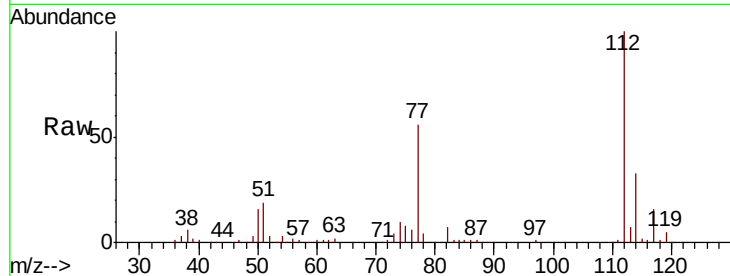




#65
Chlorobenzene
Concen: 21.634 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

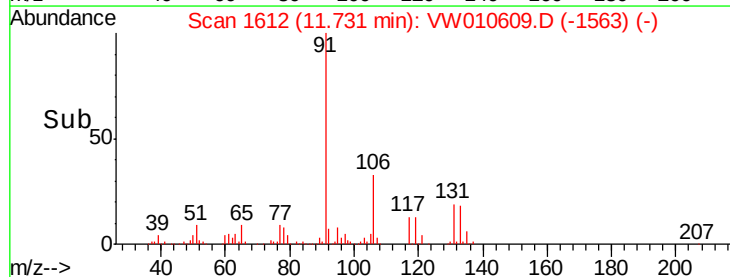
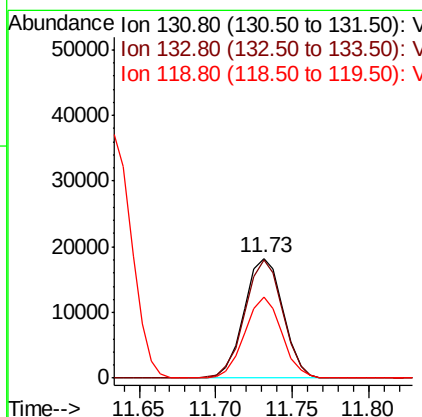
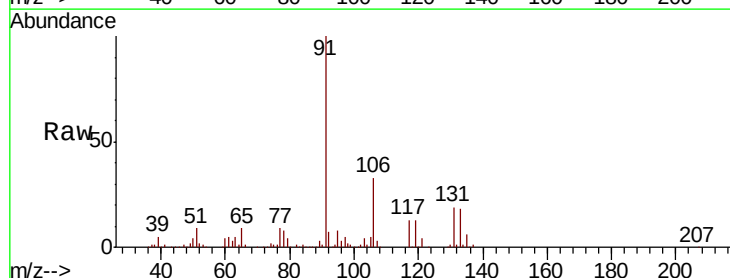
Instrument :
MSVOA_W
ClientSampleId :
VW0530SBSD01

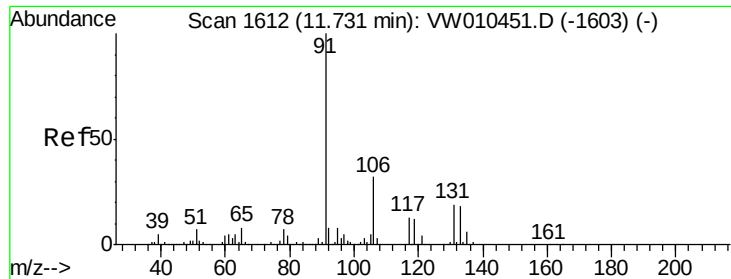
Tot Ion:112 Resp: 91573
Ion Ratio Lower Upper
112 100
114 33.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.256 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

Tgt Ion:131 Resp: 32230
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.9
119 64.6 32.1 96.5

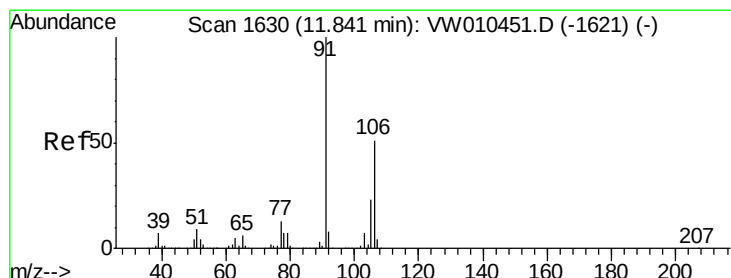
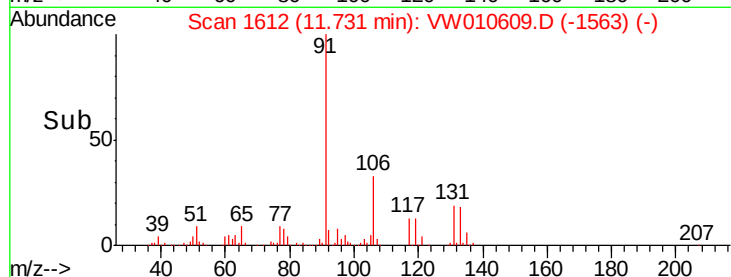
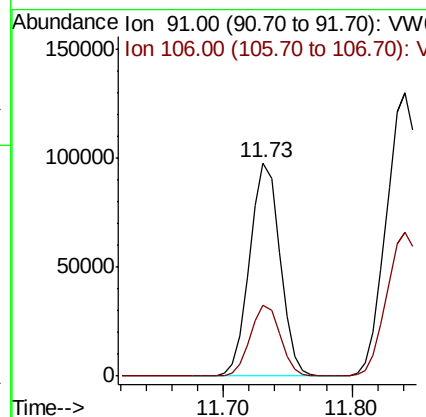
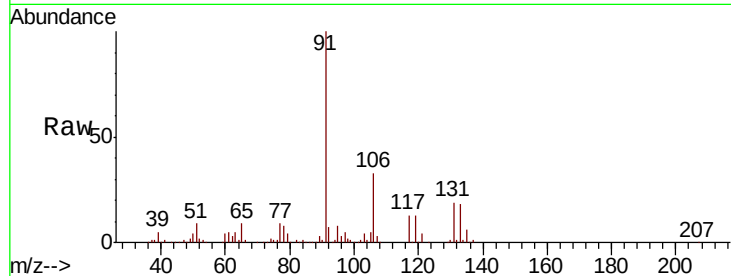




#67
Ethyl Benzene
Concen: 21.237 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

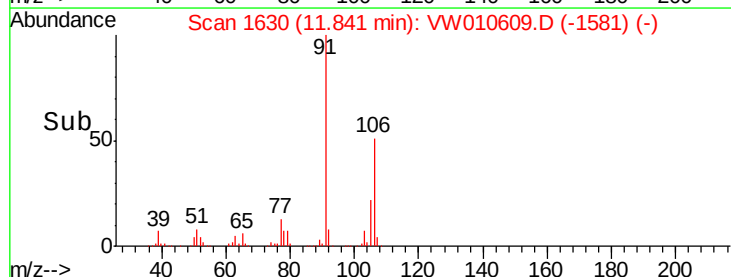
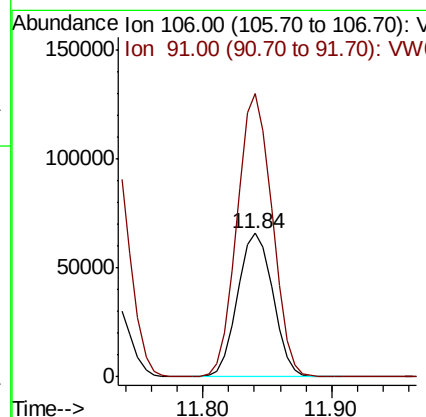
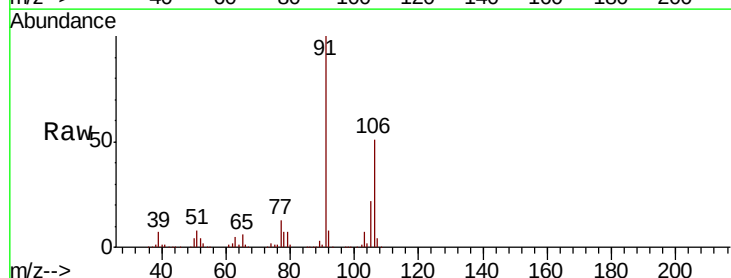
Instrument :
MSVOA_W
ClientSampleId :
VW0530SBSD01

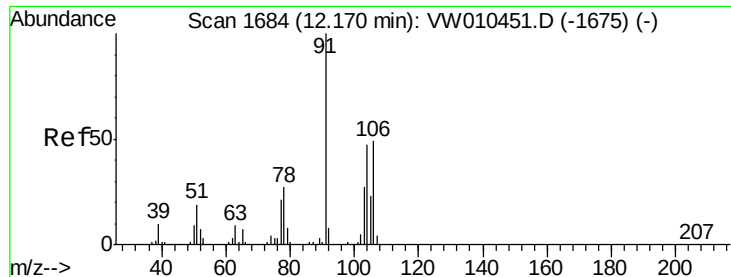
Tot Ion: 91 Resp: 158704
Ion Ratio Lower Upper
91 100
106 33.5 25.9 38.9



#68
m/p-Xylenes
Concen: 43.029 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

Tgt Ion: 106 Resp: 126126
Ion Ratio Lower Upper
106 100
91 195.3 156.0 234.0

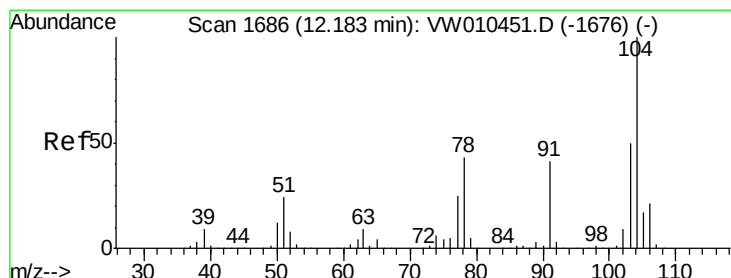
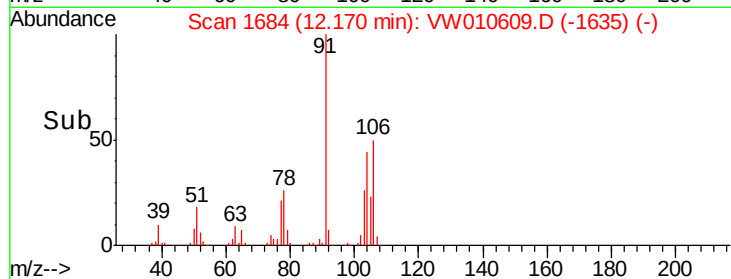
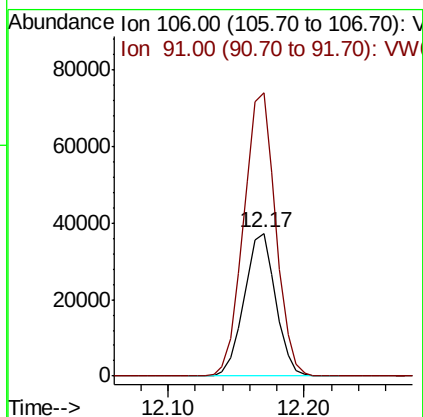
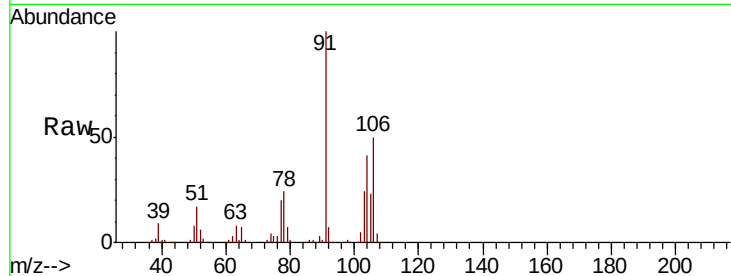




#69
o-Xylene
Concen: 21.701 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

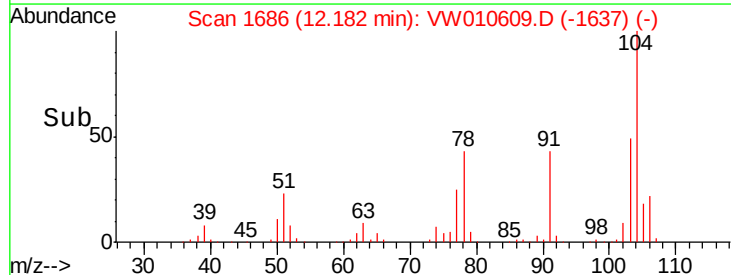
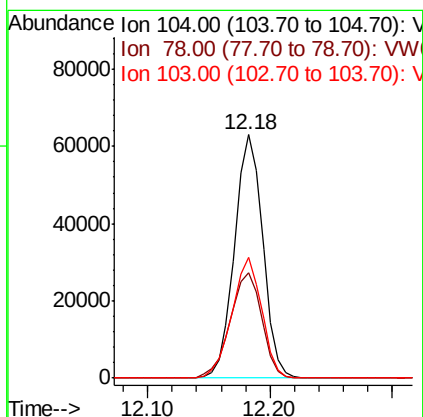
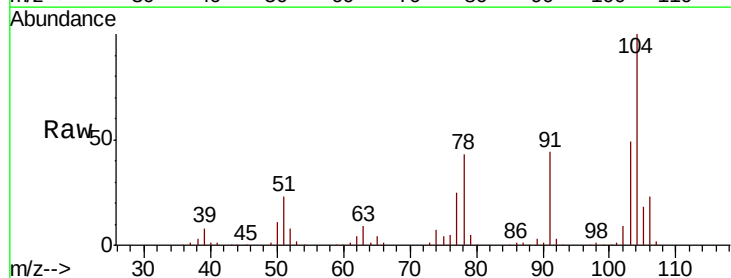
Instrument :
MSVOA_W
ClientSampled :
VW0530SBSD01

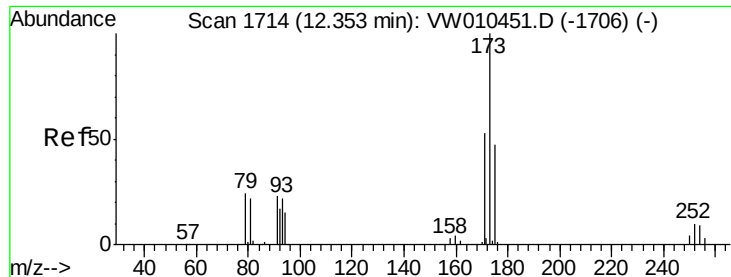
Tot Ion:106 Resp: 60266
Ion Ratio Lower Upper
106 100
91 201.7 103.2 309.4



#70
Styrene
Concen: 21.359 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

Tgt Ion:104 Resp: 100644
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 52.4 43.0 64.6





#71

Bromoform

Concen: 18.760 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0530SBSD01

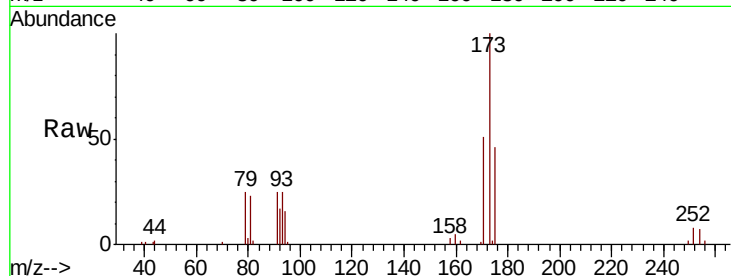
Tot Ion:173 Resp: 15664

Ion Ratio Lower Upper

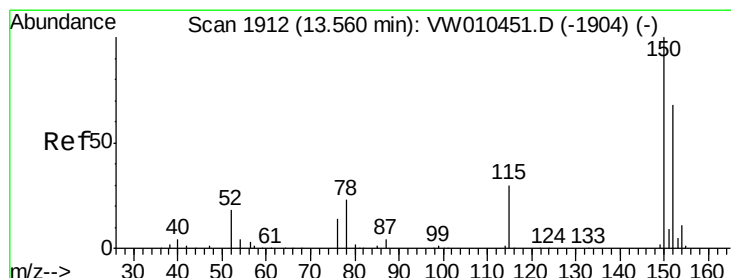
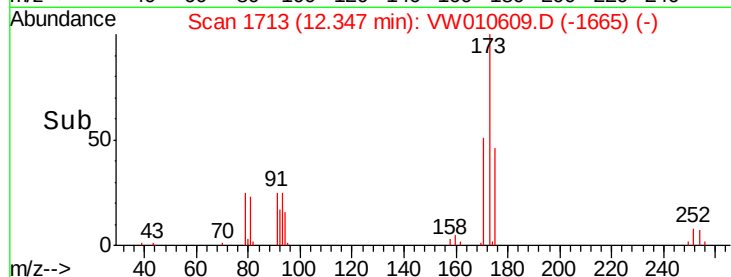
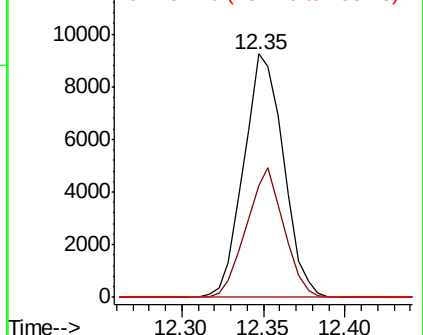
173 100

175 49.9 24.4 73.4

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: VW010609.D

Acq: 30 May 2019 12:23

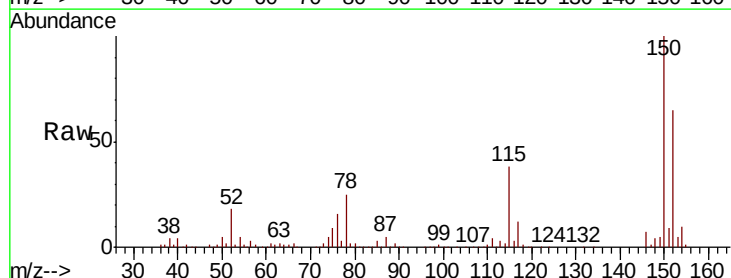
Tgt Ion:152 Resp: 98827

Ion Ratio Lower Upper

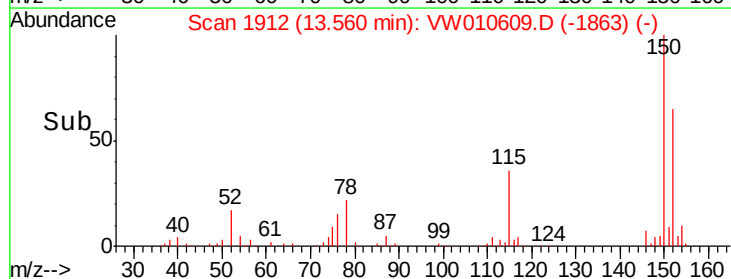
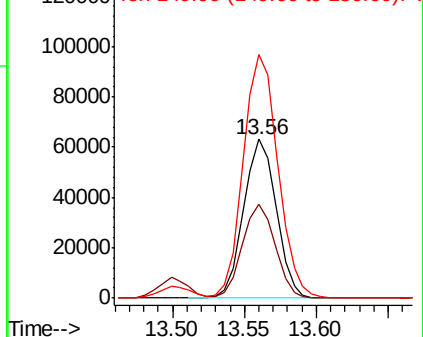
152 100

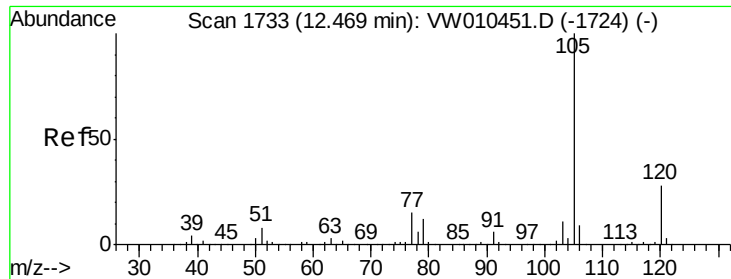
115 59.5 30.3 91.0

150 163.2 0.0 349.8



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





#73

Isopropylbenzene

Concen: 20.879 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

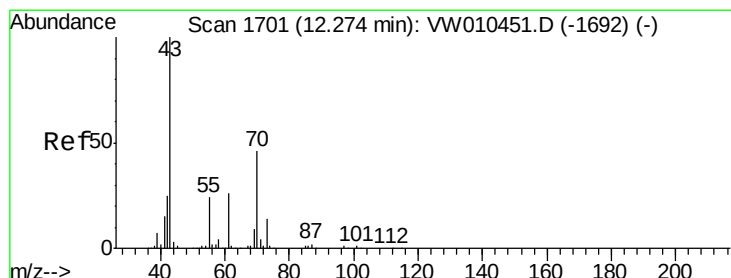
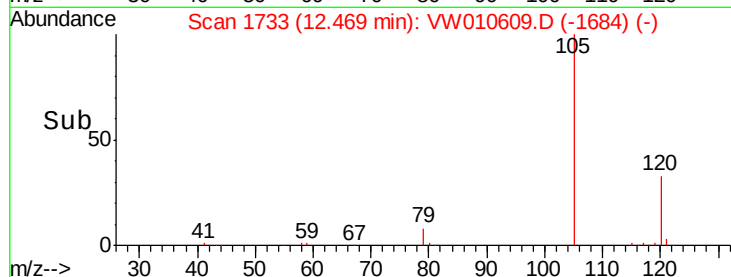
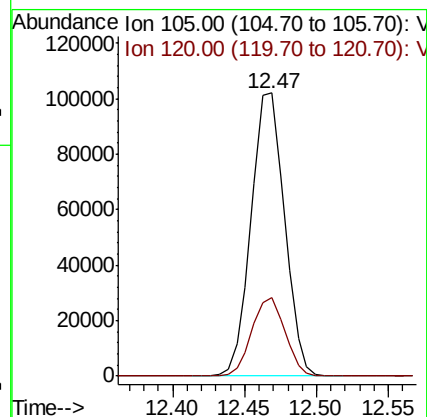
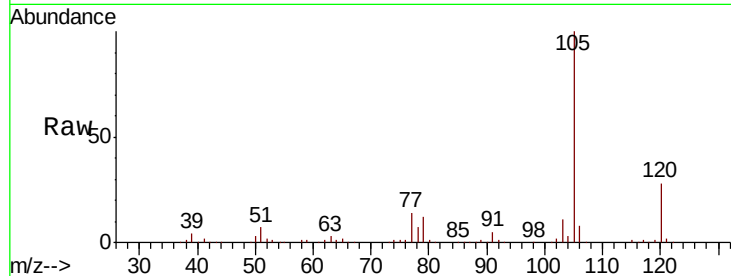
VW0530SBSD01

Tot Ion:105 Resp: 163742

Ion Ratio Lower Upper

105 100

120 27.5 13.9 41.7



#74

N-ethyl acetate

Concen: 17.410 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Tgt Ion: 43 Resp: 31288

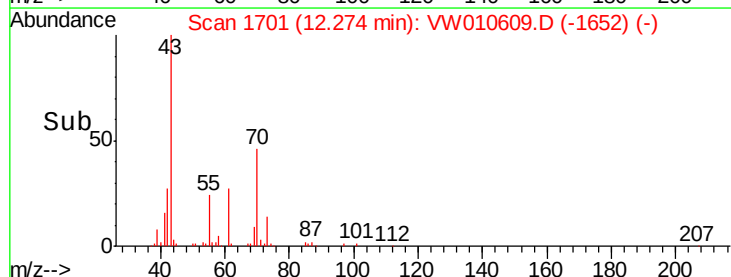
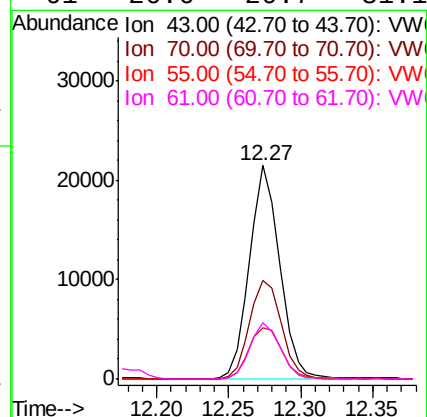
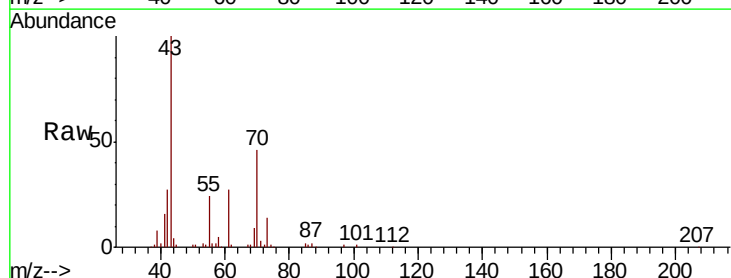
Ion Ratio Lower Upper

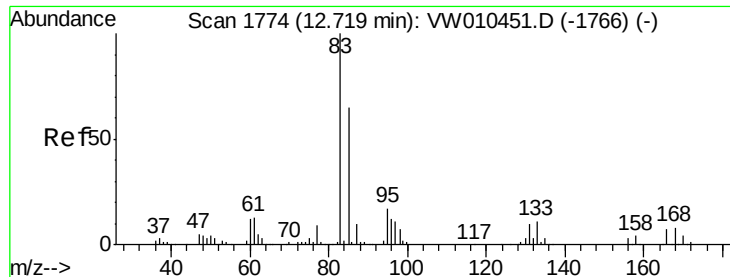
43 100

70 48.8 37.1 55.7

55 26.5 19.6 29.4

61 26.6 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.310 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0530SBSD01

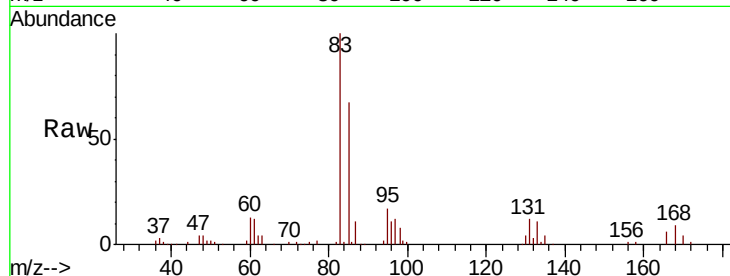
Tot Ion: 83 Resp: 27544

Ion Ratio Lower Upper

83 100

131 12.4 5.6 16.8

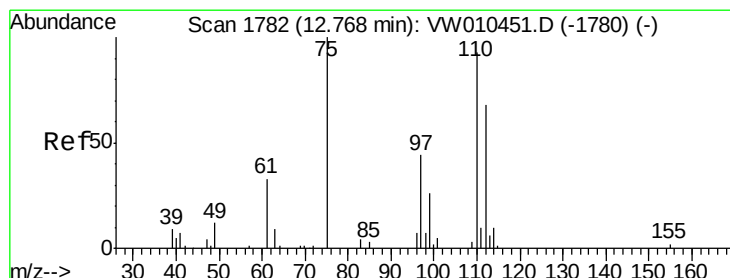
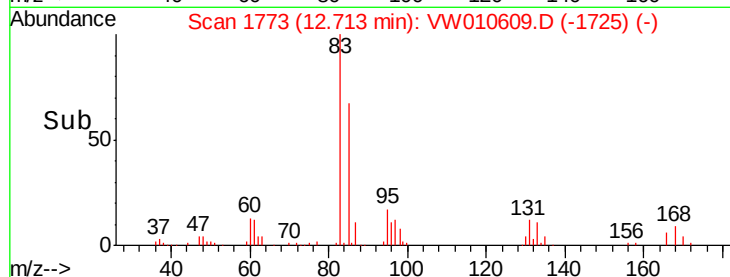
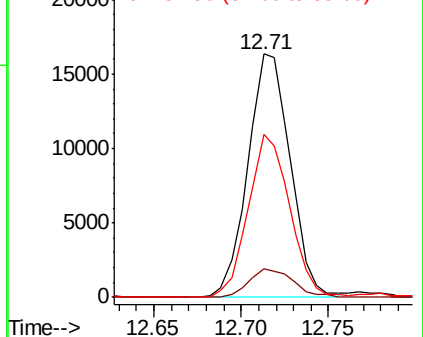
85 65.4 32.4 97.0



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: 34.628 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010609.D

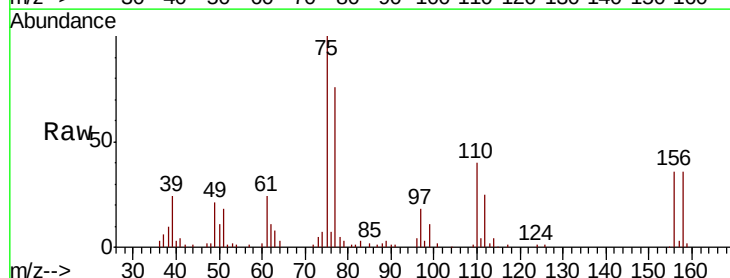
Acq: 30 May 2019 12:23

Tgt Ion: 75 Resp: 34737

Ion Ratio Lower Upper

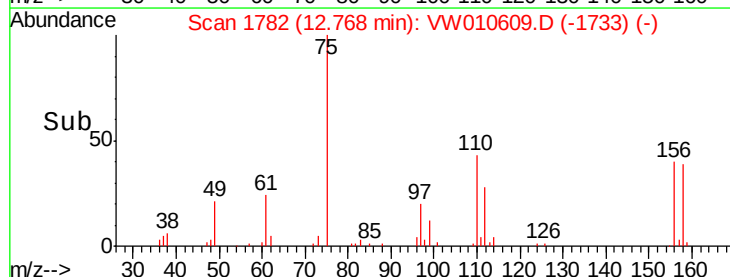
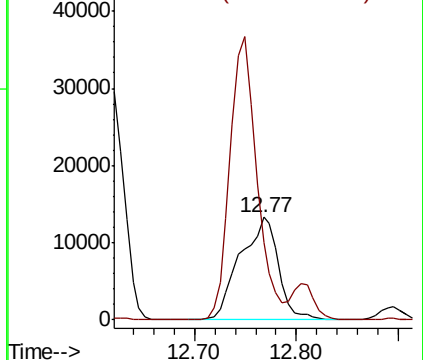
75 100

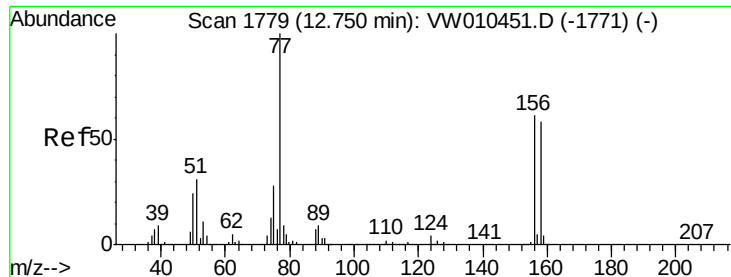
77 193.3 170.0 510.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.743 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0530SBSD01

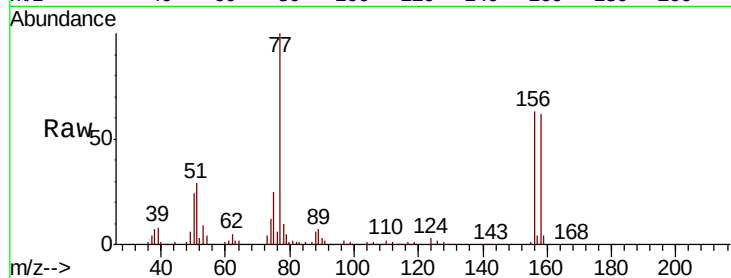
Tot Ion:156 Resp: 38158

Ion Ratio Lower Upper

156 100

77 176.0 92.4 277.2

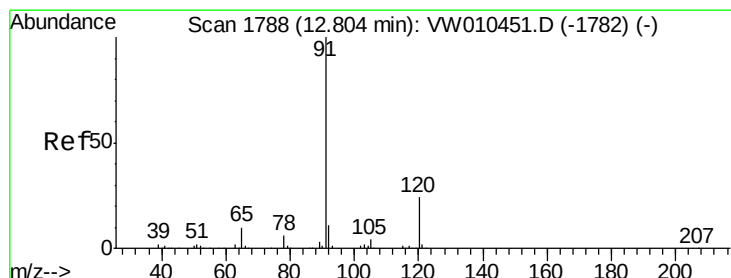
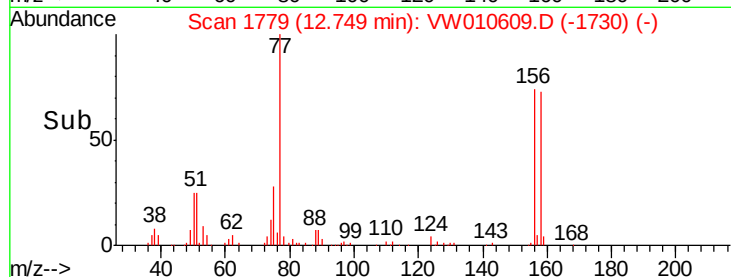
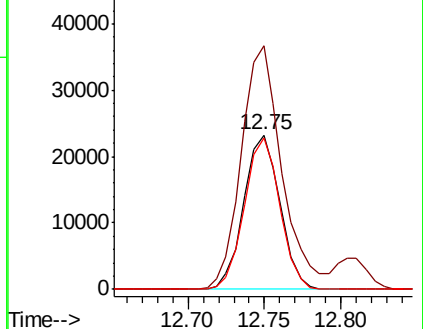
158 96.5 48.3 144.8



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: 20.411 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010609.D

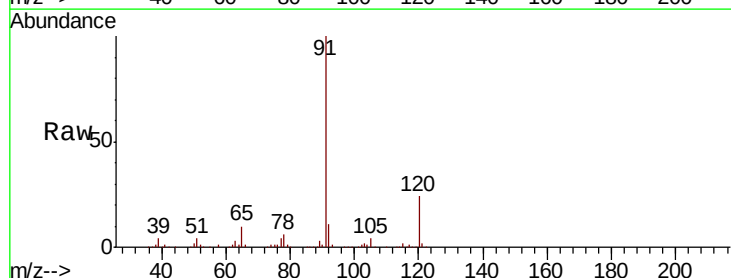
Acq: 30 May 2019 12:23

Tgt Ion: 91 Resp: 186543

Ion Ratio Lower Upper

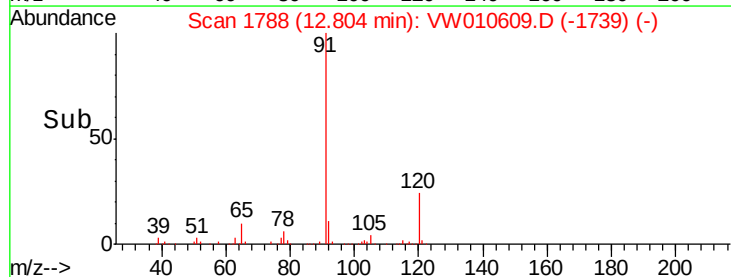
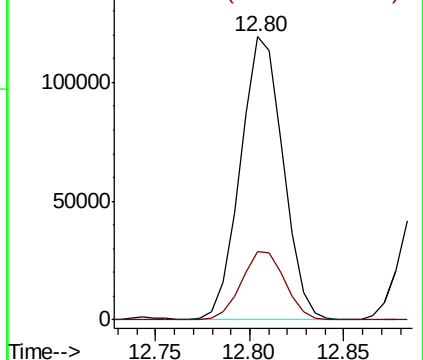
91 100

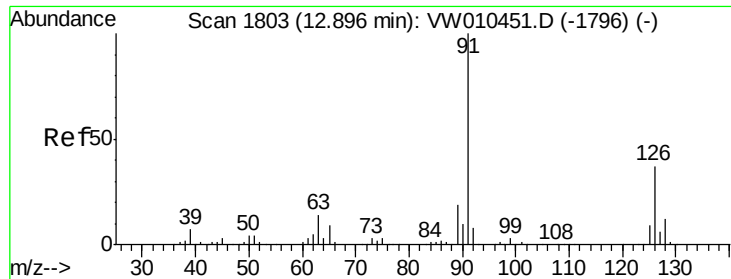
120 24.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

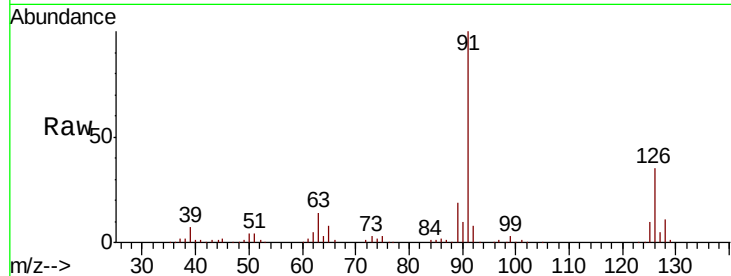




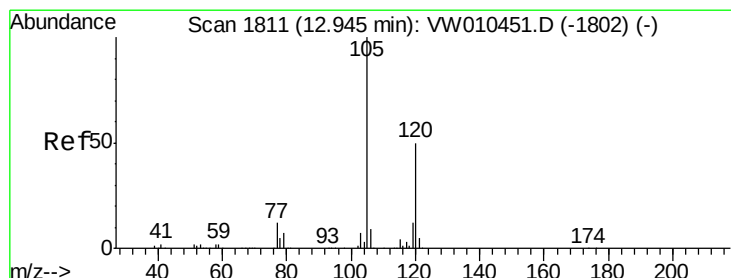
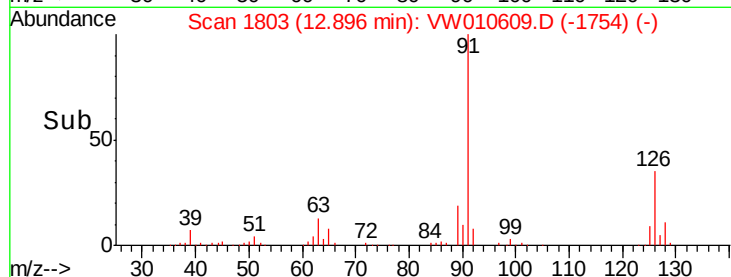
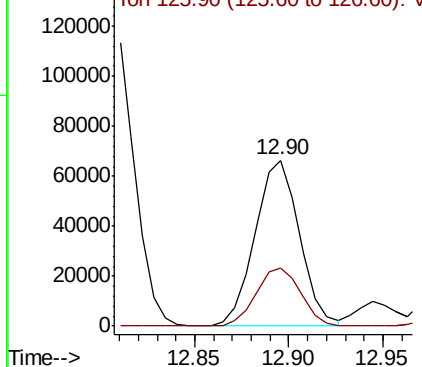
#79
 2-Chlorotoluene
 Concen: 20.499 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBSD01

Tot Ion: 91 Resp: 108642
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.4 52.3

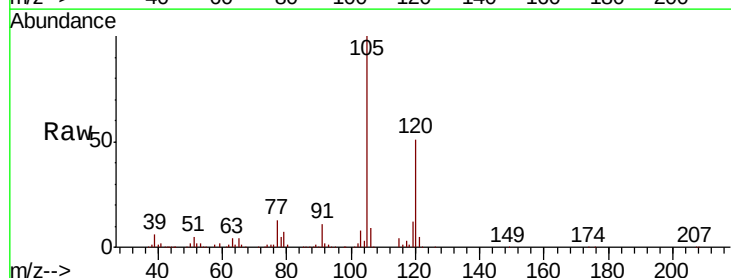


Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 125.90 (125.60 to 126.60): V

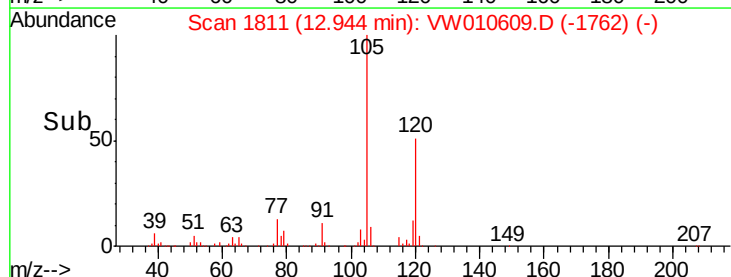
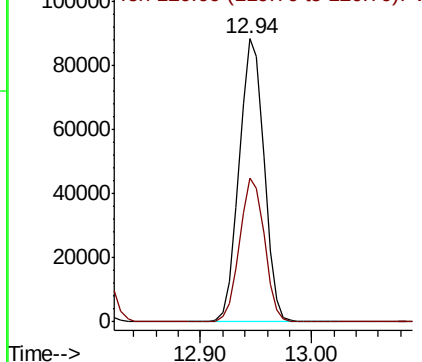


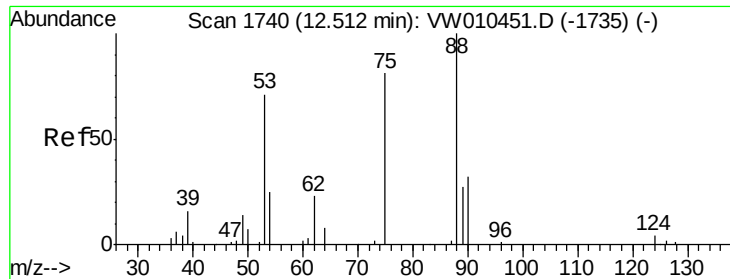
#80
 1,3,5-Trimethylbenzene
 Concen: 20.666 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Tgt Ion: 105 Resp: 137264
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.585 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010609.D

Acq: 30 May 2019 12:23

Instrument :

MSVOA_W

ClientSampleId :

VW0530SBSD01

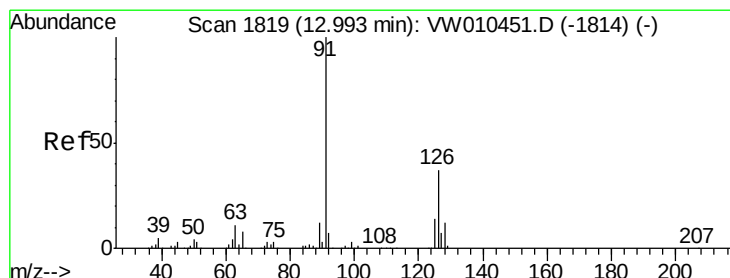
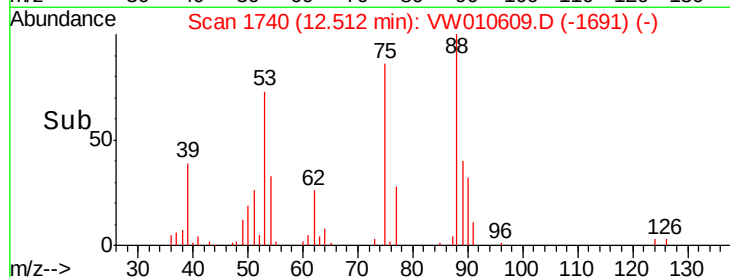
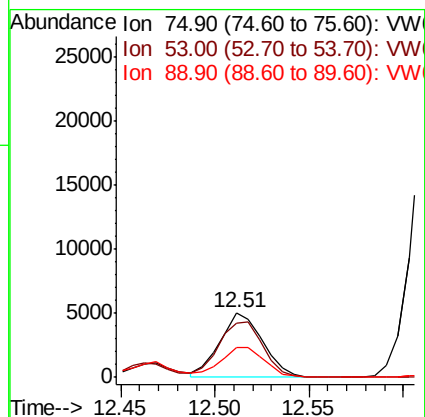
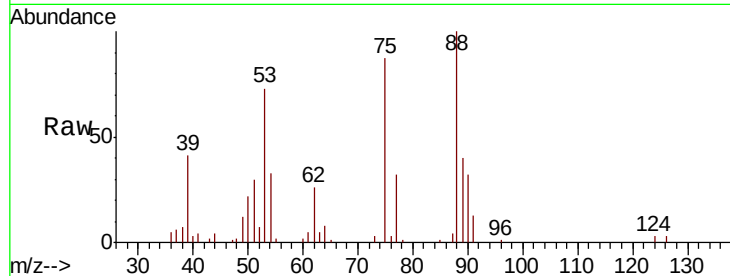
Tot Ion: 75 Resp: 7972

Ion Ratio Lower Upper

75 100

53 89.0 69.8 104.8

89 47.7 39.5 59.3



#82

4-Chlorotoluene

Concen: 20.515 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW010609.D

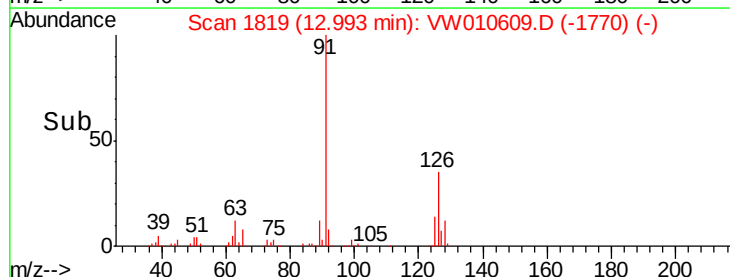
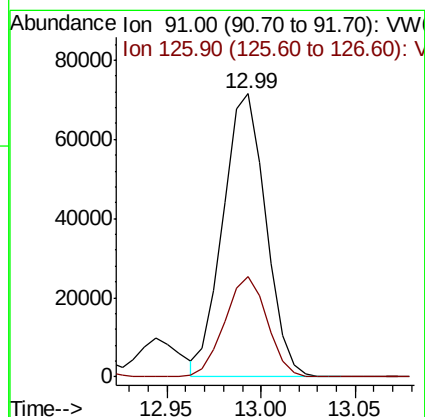
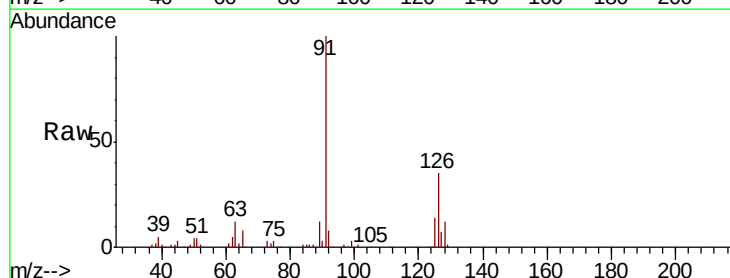
Acq: 30 May 2019 12:23

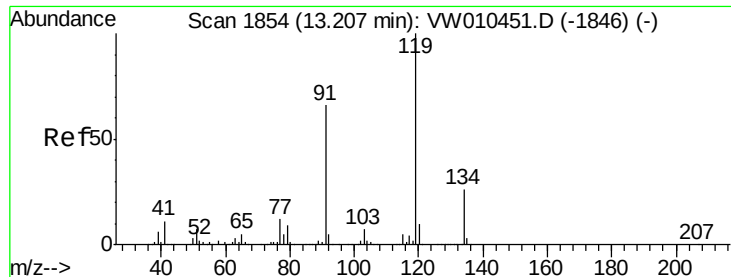
Tgt Ion: 91 Resp: 112856

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.6

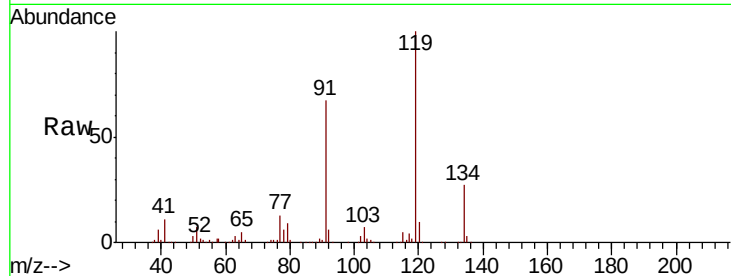




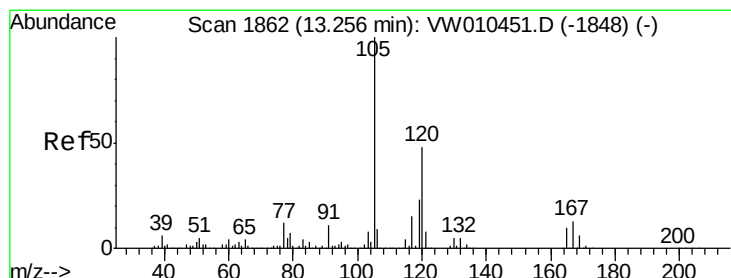
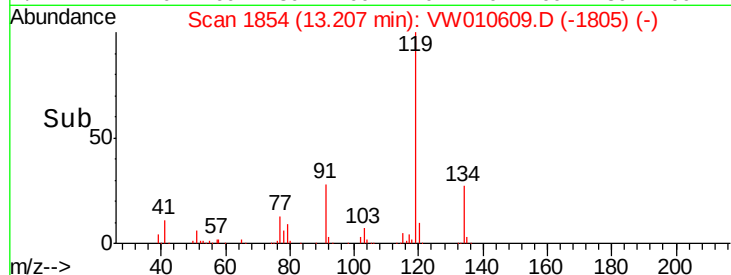
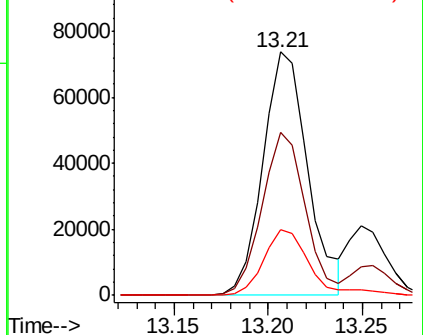
#83
 tert-Butylbenzene
 Concen: 21.057 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBS01

Tot Ion:119 Resp: 122168
 Ion Ratio Lower Upper
 119 100
 91 64.4 33.1 99.5
 134 28.0 13.9 41.6

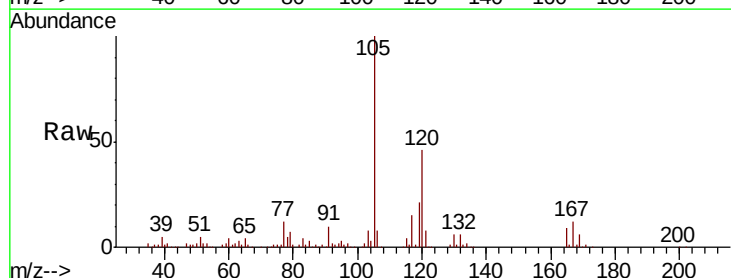


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

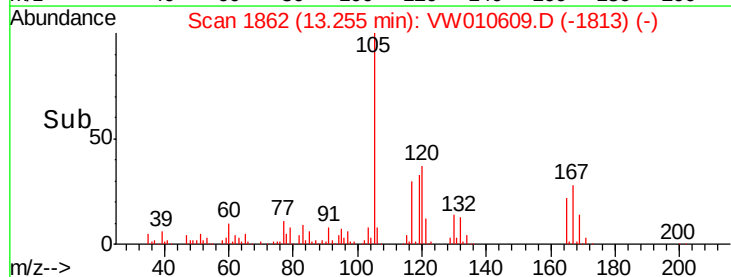
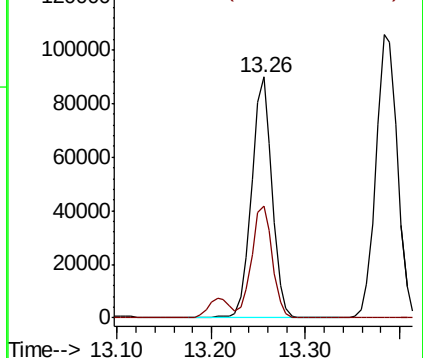


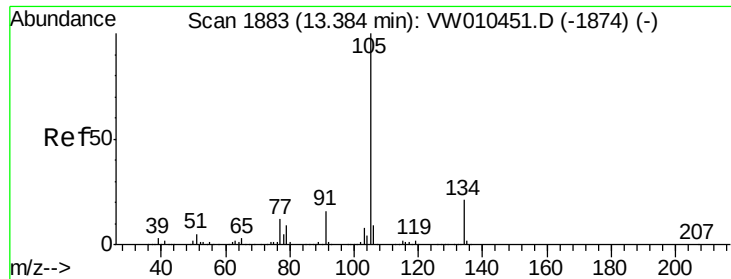
#84
 1,2,4-Trimethylbenzene
 Concen: 20.711 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Tgt Ion:105 Resp: 137005
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

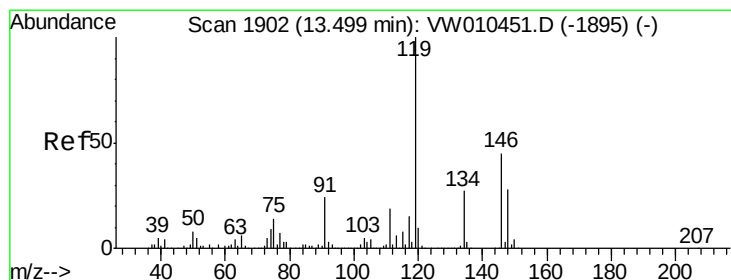
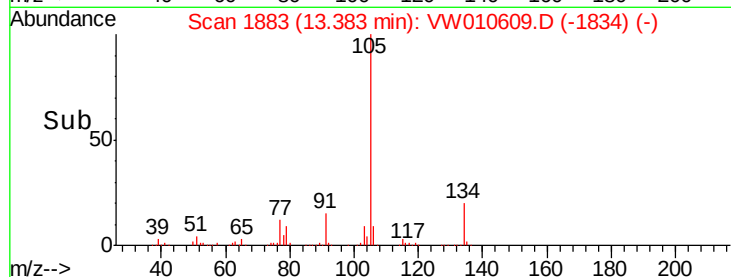
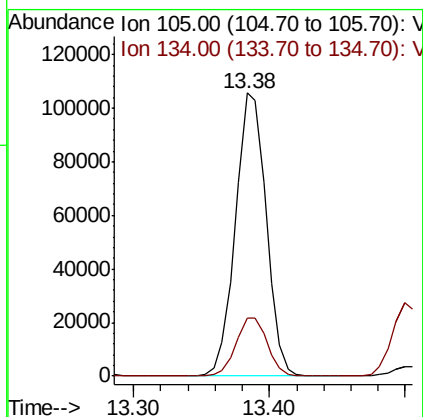
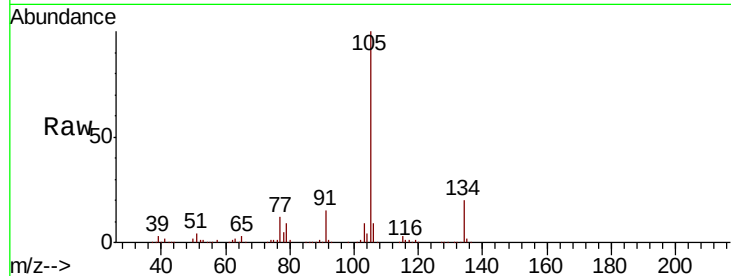




#85
 sec-Butylbenzene
 Concen: 20.432 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

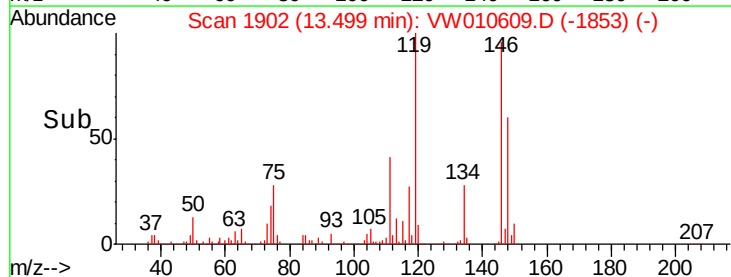
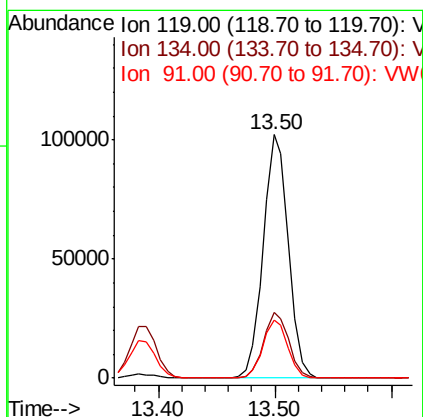
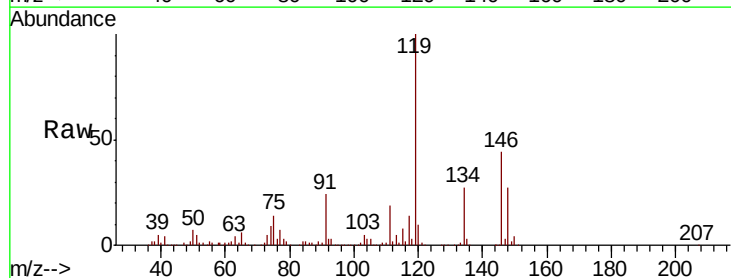
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBS01

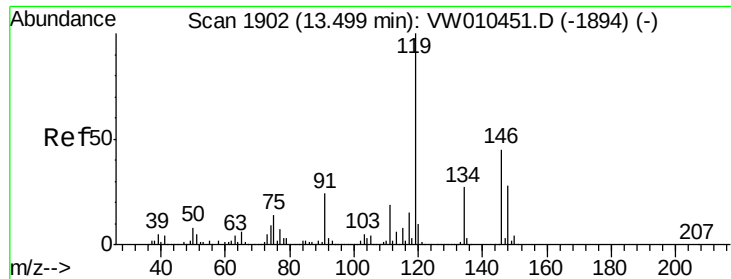
Tot Ion:105 Resp: 165887
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 20.842 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Tgt Ion:119 Resp: 153165
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 23.7 11.9 35.7

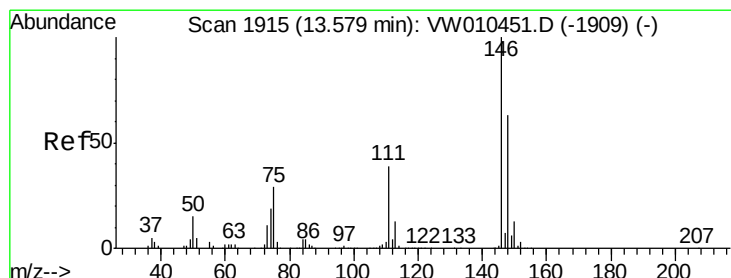
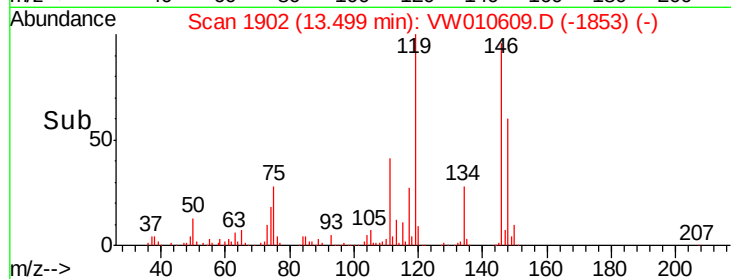
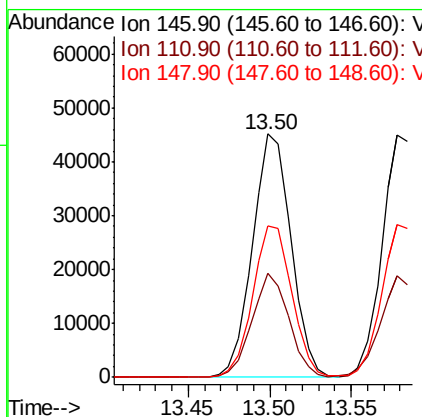
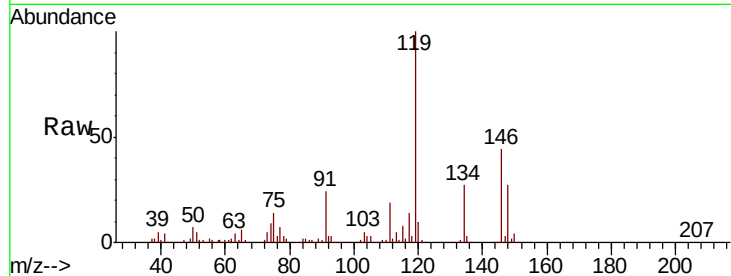




#87
 1,3-Dichlorobenzene
 Concen: 21.495 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

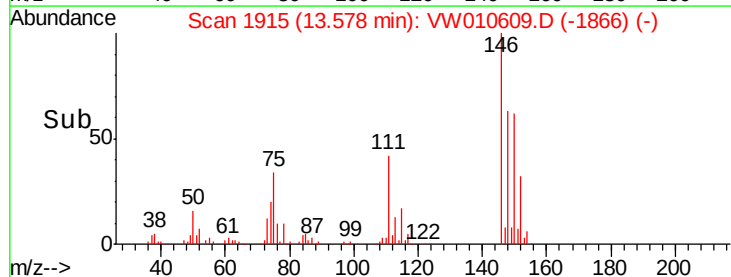
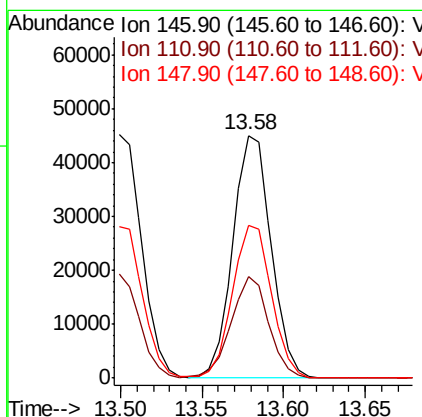
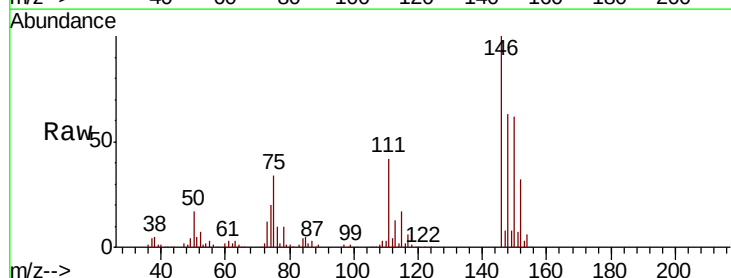
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBSD01

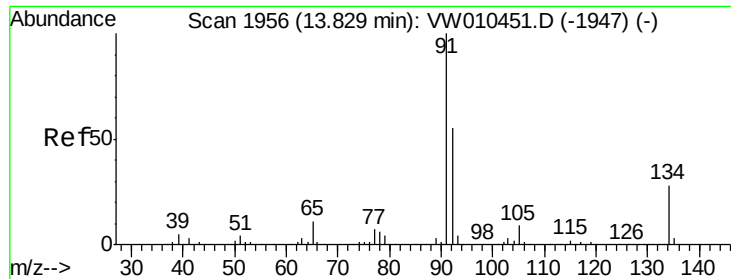
Tot Ion:146 Resp: 74010
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 60.9
 148 63.2 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 21.354 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Tgt Ion:146 Resp: 73767
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.9 59.6
 148 63.8 31.6 94.8

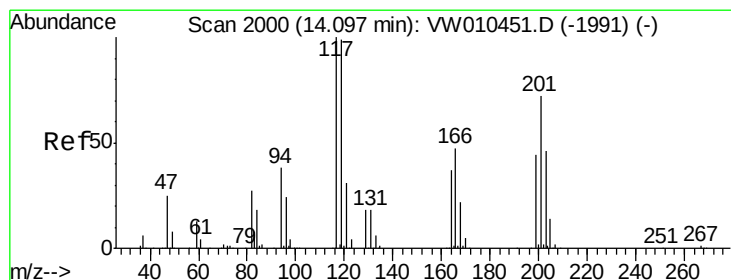
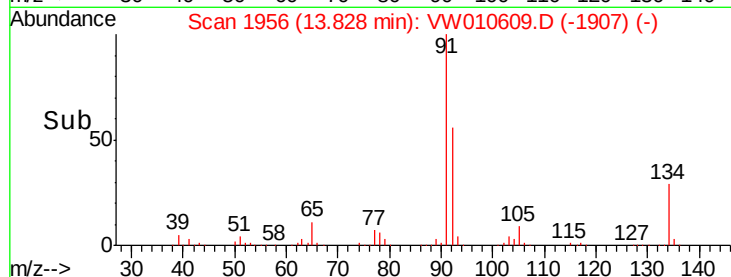
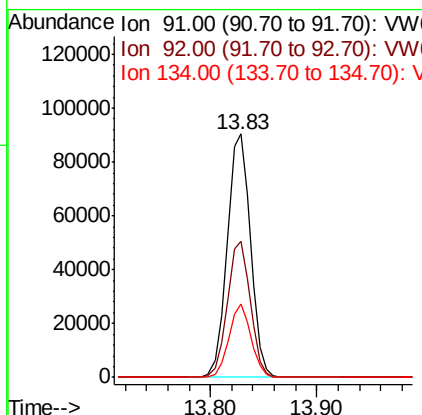
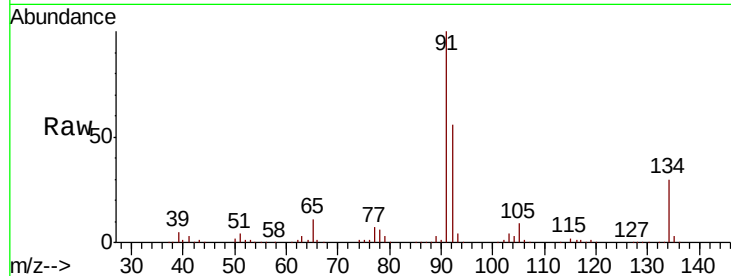




#89
n-Butylbenzene
Concen: 19.850 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

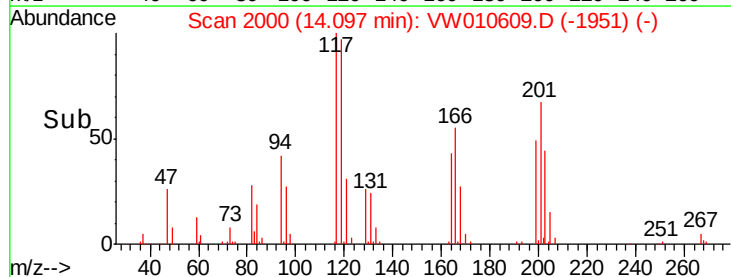
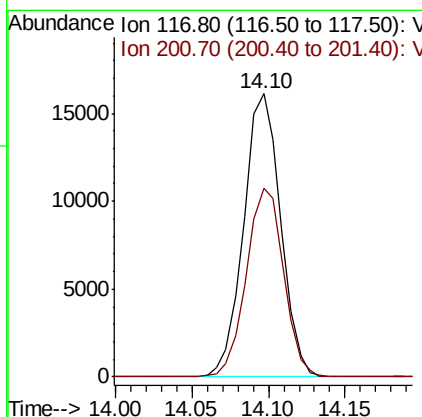
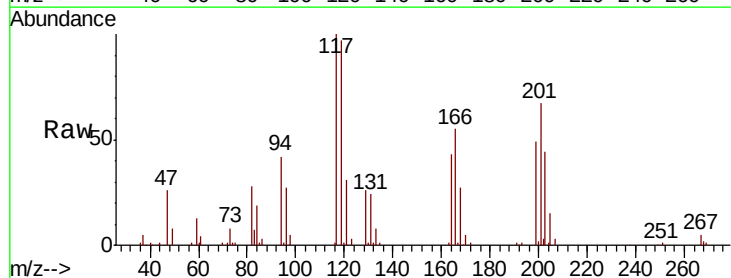
Instrument :
MSVOA_W
ClientSampleId :
VW0530SBSD01

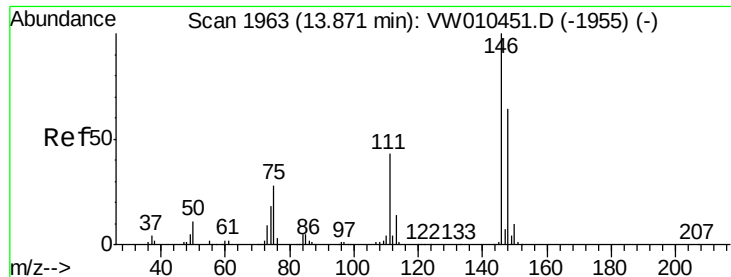
Tot Ion: 91 Resp: 138756
Ion Ratio Lower Upper
91 100
92 55.2 27.7 83.1
134 28.3 13.9 41.6



#90
Hexachloroethane
Concen: 19.031 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

Tgt Ion: 117 Resp: 27070
Ion Ratio Lower Upper
117 100
201 67.2 34.6 103.8

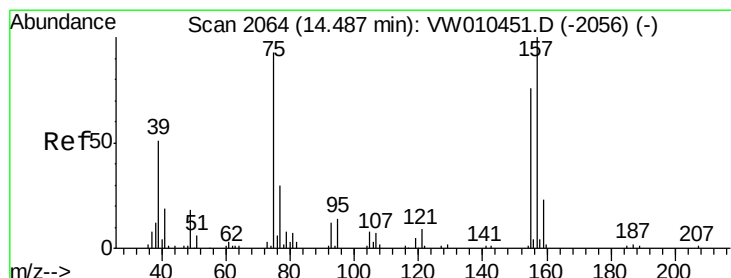
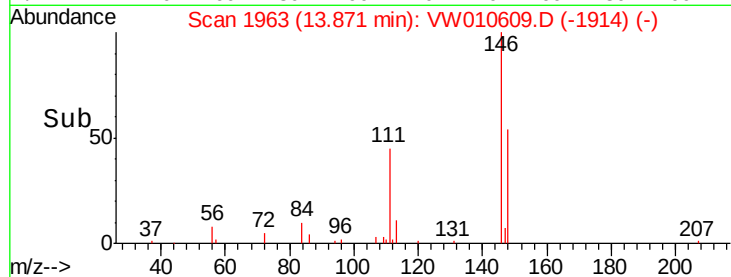
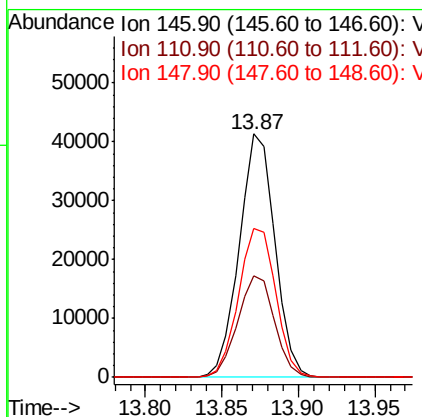
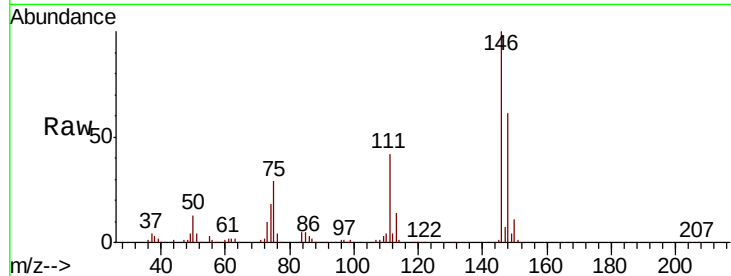




#91
 1,2-Dichlorobenzene
 Concen: 21.307 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

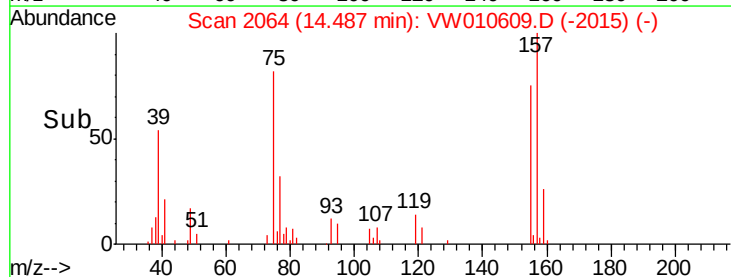
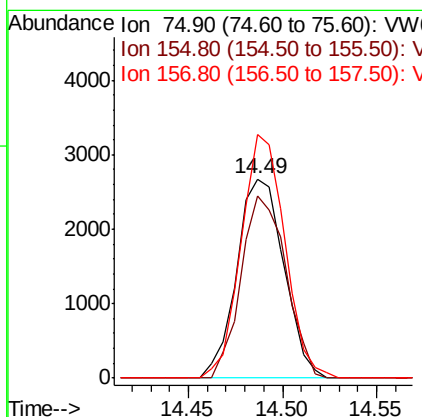
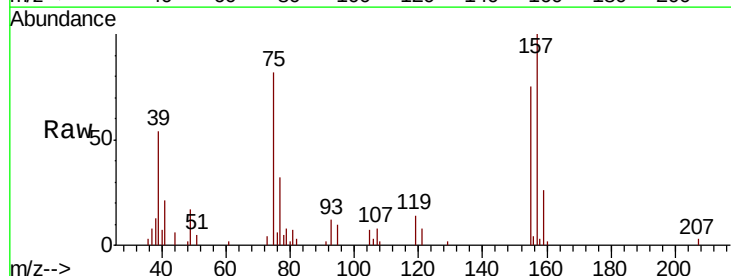
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBSD01

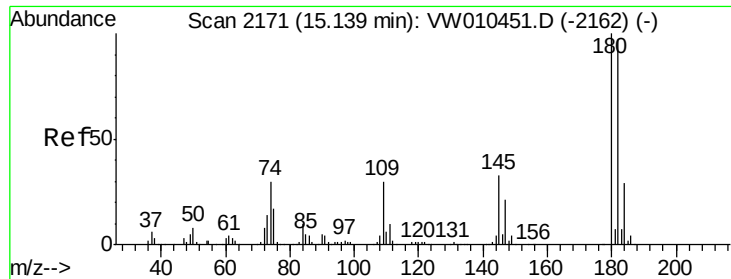
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.3	64.0
148	63.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.479 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	43.0	129.0
157	113.3	55.7	167.1

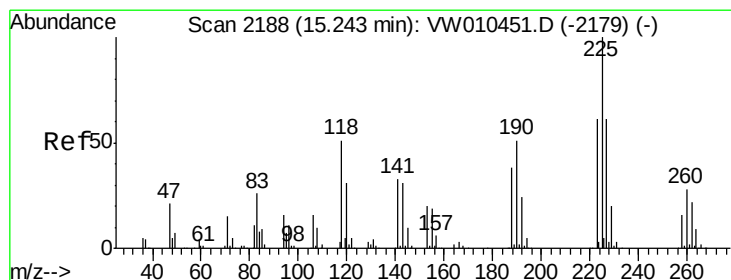
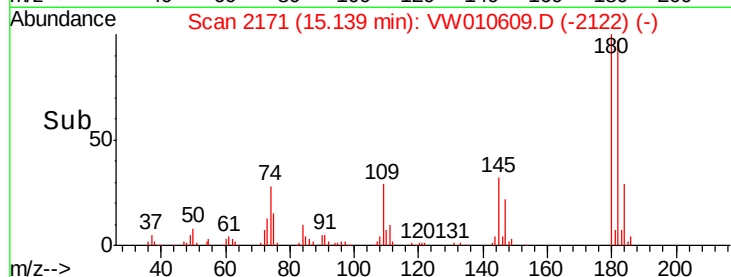
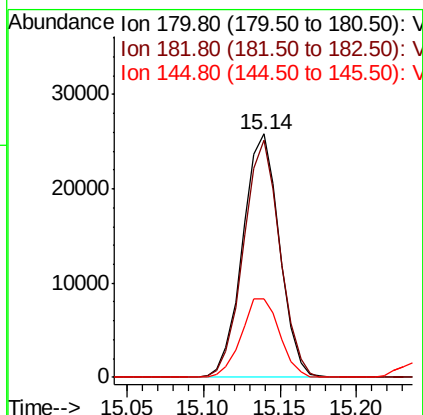
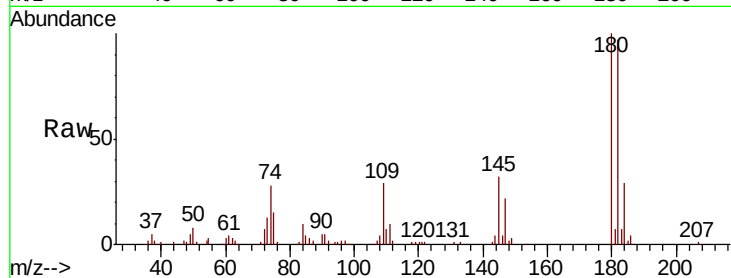




#93
 1,2,4-Trichlorobenzene
 Concen: 20.210 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

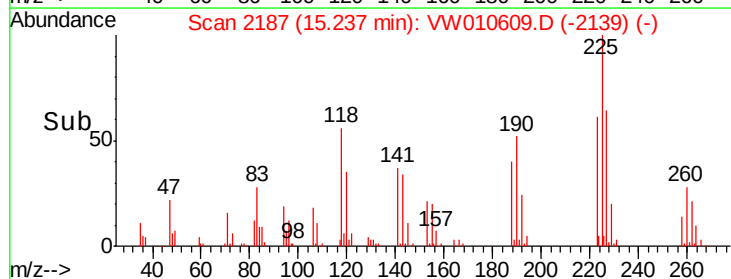
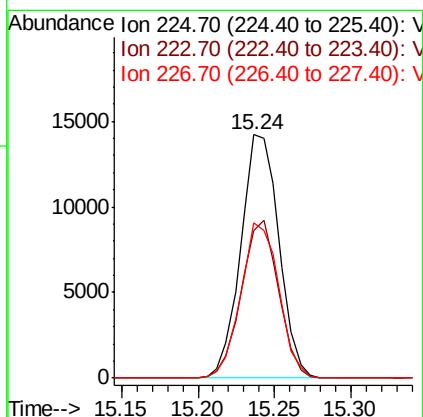
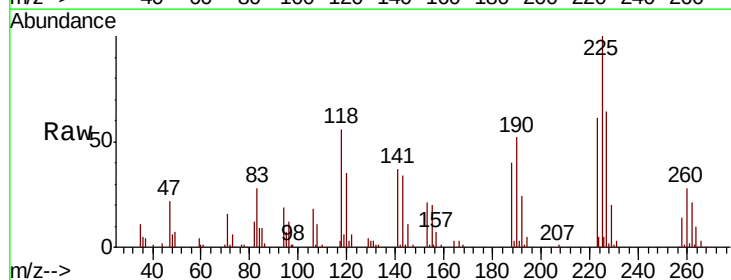
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0530SBSD01

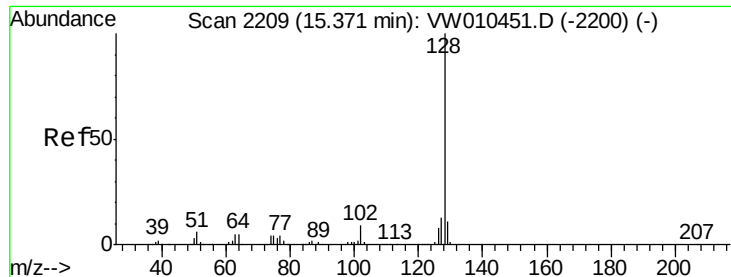
Tot Ion:180 Resp: 43138
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.0 141.2
 145 33.6 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 21.594 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010609.D
 Acq: 30 May 2019 12:23

Tgt Ion:225 Resp: 24624
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.2
 227 63.7 31.1 93.5

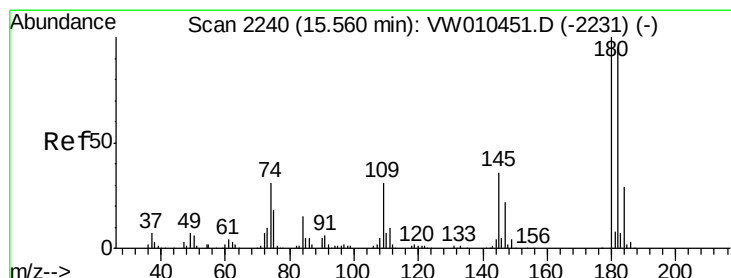
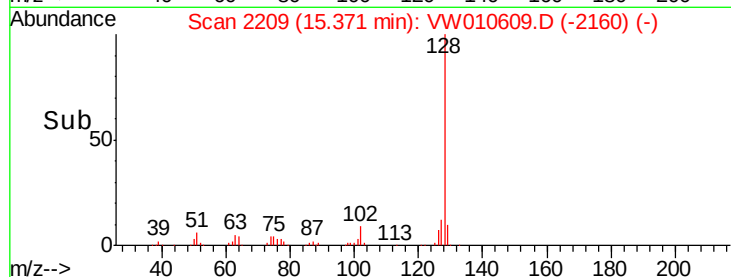
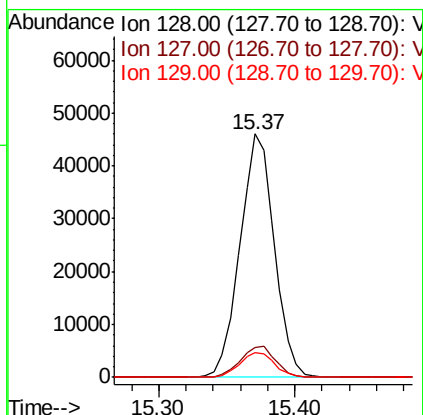
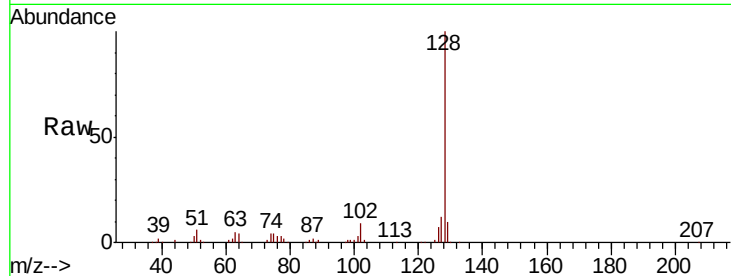




#95
Naphthalene
Concen: 18.045 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

Instrument :
MSVOA_W
ClientSampleId :
VW0530SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.6	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.283 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010609.D
Acq: 30 May 2019 12:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.1	141.3
145	34.9	17.4	52.3

