

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010903.D
 Acq On : 20 Jun 2019 20:51
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 07:49:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150905	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	149357	62.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.12%	
35) Dibromofluoromethane	7.88	113	113775	61.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.64%	
50) Toluene-d8	10.32	98	455722	56.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.94%	
62) 4-Bromofluorobenzene	12.62	95	172331	58.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	92048	48.782	ug/l	97
3) Chloromethane	2.21	50	153291	55.217	ug/l	100
4) Vinyl Chloride	2.36	62	133153	51.913	ug/l	97
5) Bromomethane	2.75	94	78359	55.632	ug/l	96
6) Chloroethane	2.90	64	85311	55.411	ug/l	97
7) Trichlorofluoromethane	3.25	101	189448	56.899	ug/l	99
8) Diethyl Ether	3.68	74	73886	62.096	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	116371	56.849	ug/l	98
10) Methyl Iodide	4.27	142	109844	51.890	ug/l	97
11) Tert butyl alcohol	5.17	59	75990	387.566	ug/l	97
12) 1,1-Dichloroethene	4.03	96	110276	55.846	ug/l	95
13) Acrolein	3.89	56	19465	242.947	ug/l	99
14) Allyl chloride	4.67	41	267686	61.481	ug/l	98
15) Acrylonitrile	5.37	53	195973	339.023	ug/l	99
16) Acetone	4.12	43	223588	346.715	ug/l	100
17) Carbon Disulfide	4.37	76	320876	51.189	ug/l	100
18) Methyl Acetate	4.67	43	100671	72.521	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	367656	64.556	ug/l	100
20) Methylene Chloride	4.92	84	136429	60.306	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	132446	59.084	ug/l	99
22) Diisopropyl ether	6.31	45	571215	65.531	ug/l	98
23) Vinyl Acetate	6.26	43	1732421	329.325	ug/l	99
24) 1,1-Dichloroethane	6.22	63	274708	62.886	ug/l	98
25) 2-Butanone	7.17	43	318318	355.978	ug/l	98
26) 2,2-Dichloropropane	7.17	77	208928	58.776	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	152639	61.874	ug/l	98
28) Bromochloromethane	7.51	49	123190	63.191	ug/l	95
29) Tetrahydrofuran	7.53	42	194043	344.996	ug/l	98
30) Chloroform	7.68	83	253686	63.491	ug/l	98
31) Cyclohexane	7.95	56	262887	54.137	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	211495	60.595	ug/l	99
36) 1,1-Dichloropropene	8.08	75	201207	57.972	ug/l	100
37) Ethyl Acetate	7.25	43	128790	66.963	ug/l	100
38) Carbon Tetrachloride	8.07	117	174460	58.228	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010903.D
 Acq On : 20 Jun 2019 20:51
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 07:49:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	242773	55.024	ug/l	97
40) Benzene	8.32	78	570759	60.280	ug/l	99
41) Methacrylonitrile	7.48	41	75566	66.100	ug/l	98
42) 1,2-Dichloroethane	8.40	62	194036	64.569	ug/l	99
43) Isopropyl Acetate	8.43	43	251889	67.790	ug/l	99
44) Trichloroethene	9.09	130	136349	58.377	ug/l	99
45) 1,2-Dichloropropane	9.37	63	158934	63.410	ug/l	97
46) Dibromomethane	9.46	93	74306	63.827	ug/l	98
47) Bromodichloromethane	9.64	83	189694	62.860	ug/l	96
48) Methyl methacrylate	9.44	41	119995	66.980	ug/l	96
49) 1,4-Dioxane	9.45	88	24524	1347.376	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	668740	352.294	ug/l	98
52) Toluene	10.39	92	353309	60.646	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	200432	62.706	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	233015	61.952	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	108776	64.859	ug/l	99
56) Ethyl methacrylate	10.65	69	169973	65.865	ug/l	96
57) 1,3-Dichloropropane	10.93	76	205817	65.120	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	406837	300.987	ug/l	98
59) 2-Hexanone	10.97	43	475544	346.631	ug/l	98
60) Dibromochloromethane	11.13	129	117111	62.992	ug/l	99
61) 1,2-Dibromoethane	11.24	107	100682	63.362	ug/l	99
64) Tetrachloroethene	10.87	164	126256	61.269	ug/l	99
65) Chlorobenzene	11.66	112	361764	59.274	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	129104	61.107	ug/l	99
67) Ethyl Benzene	11.73	91	691551	58.958	ug/l	99
68) m/p-Xylenes	11.84	106	492943	117.398	ug/l	97
69) o-Xylene	12.16	106	236507	59.389	ug/l	97
70) Styrene	12.18	104	422342	61.051	ug/l	99
71) Bromoform	12.35	173	66447	60.811	ug/l #	100
73) Isopropylbenzene	12.46	105	654951	57.756	ug/l	99
74) N-amyl acetate	12.27	43	244692	66.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	135430	62.733	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	178345	112.541	ug/l #	100
77) Bromobenzene	12.75	156	147706	59.671	ug/l	97
78) n-propylbenzene	12.80	91	799712	58.485	ug/l	100
79) 2-Chlorotoluene	12.90	91	462442	59.196	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	553435	59.625	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	41142	59.669	ug/l	95
82) 4-Chlorotoluene	12.99	91	479870	59.525	ug/l	99
83) tert-Butylbenzene	13.21	119	461182	58.545	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	559621	59.915	ug/l	99
85) sec-Butylbenzene	13.38	105	667072	58.162	ug/l	99
86) p-Isopropyltoluene	13.50	119	598549	58.359	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	285807	59.873	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	283144	59.830	ug/l	99
89) n-Butylbenzene	13.83	91	605851	59.204	ug/l	99
90) Hexachloroethane	14.10	117	108054	58.829	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	259295	60.402	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24119	65.061	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
Data File : VW010903.D
Acq On : 20 Jun 2019 20:51
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 21 07:49:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

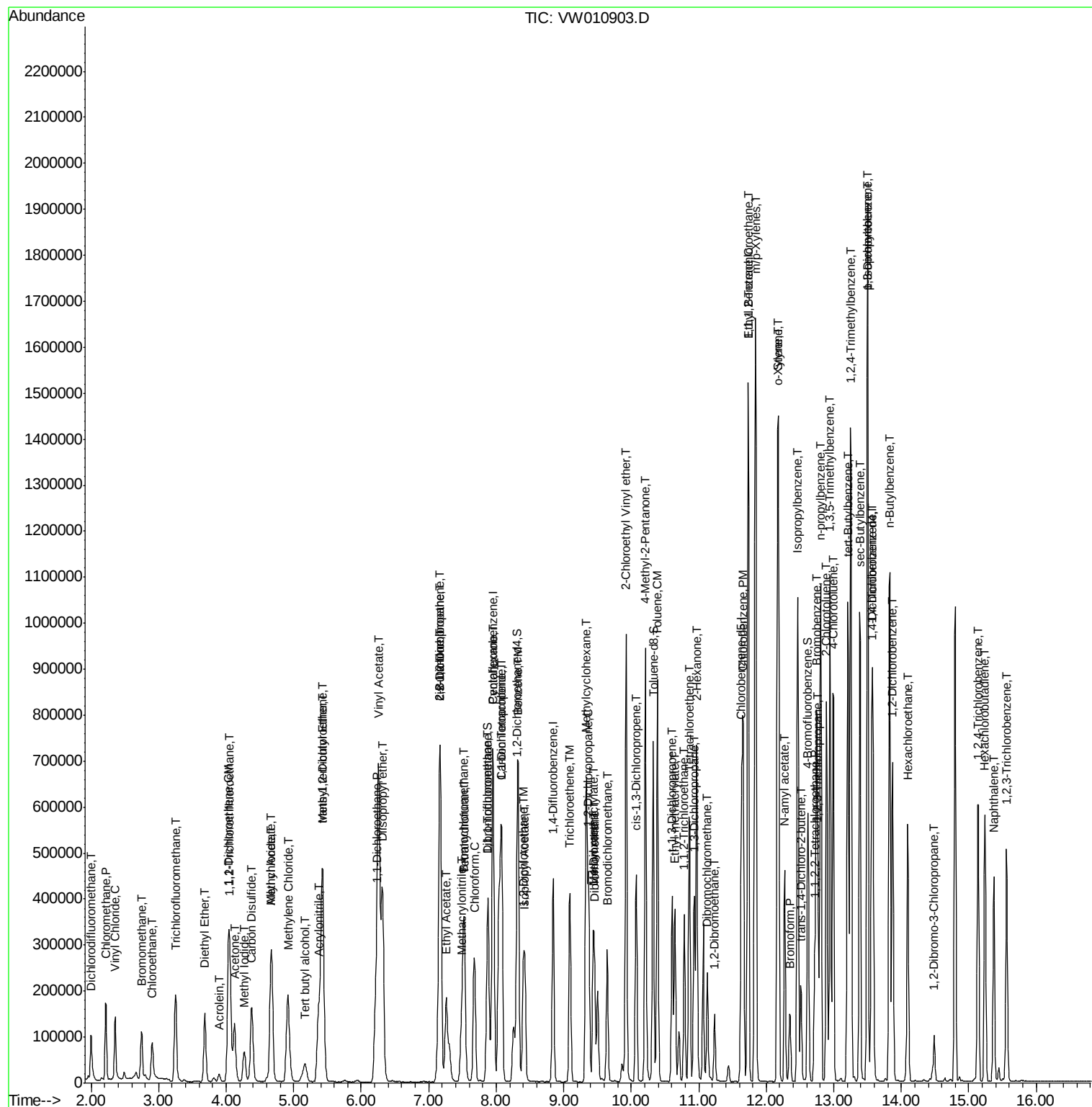
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	185973	61.734	ug/l	100
94) Hexachlorobutadiene	15.24	225	112422	59.461	ug/l	98
95) Naphthalene	15.37	128	354266	64.725	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	164774	64.315	ug/l	99

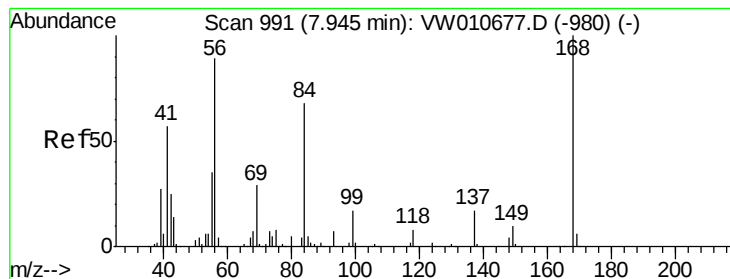
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010903.D
 Acq On : 20 Jun 2019 20:51
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :

Quant Time: Jun 21 07:49:23 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

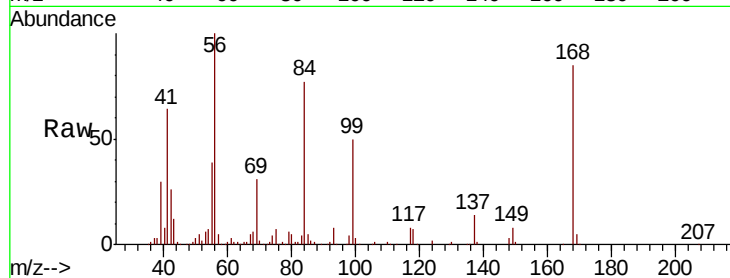
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 204189

Ion Ratio Lower Upper

168 100

99 59.5 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

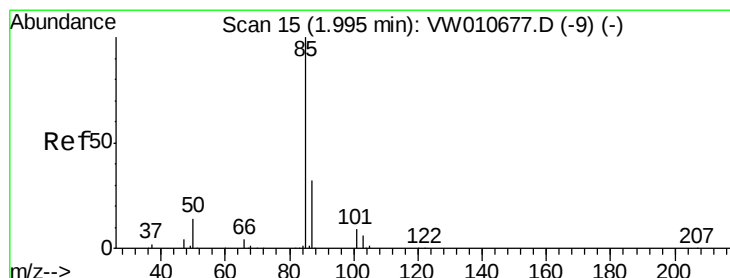
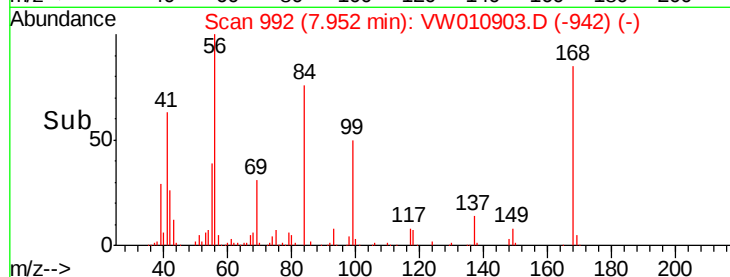
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 48.782 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010903.D

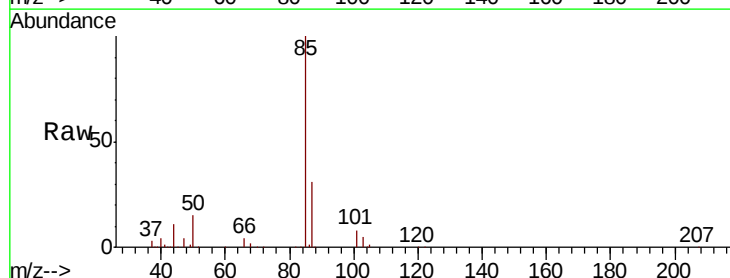
Acq: 20 Jun 2019 20:51

Tgt Ion: 85 Resp: 92048

Ion Ratio Lower Upper

85 100

87 30.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

50000

40000

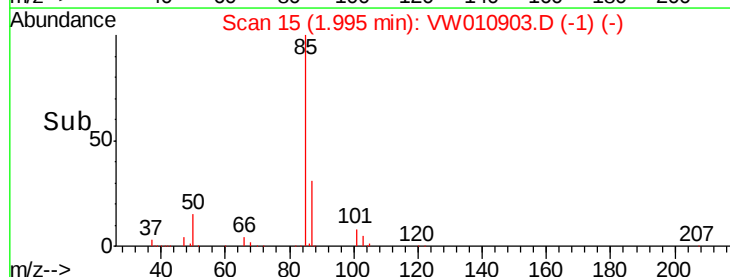
30000

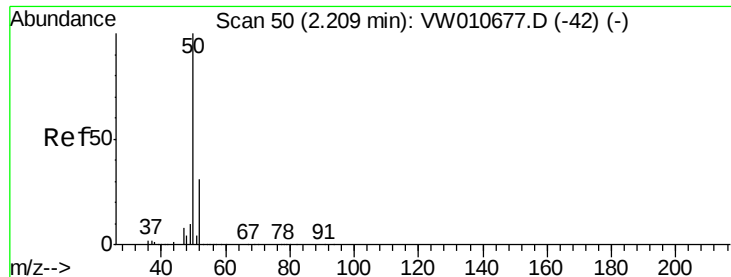
20000

10000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 55.217 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

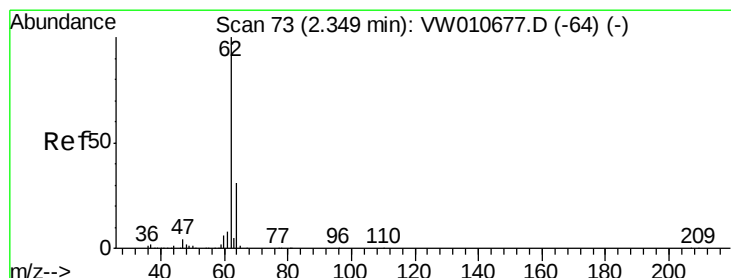
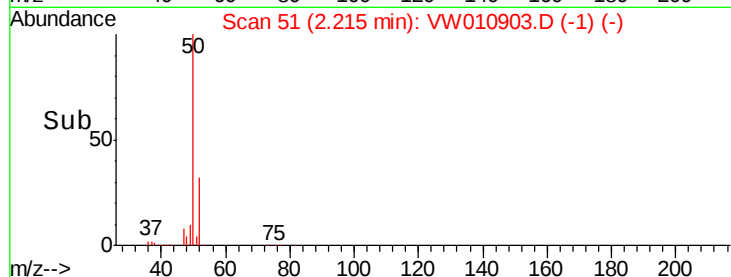
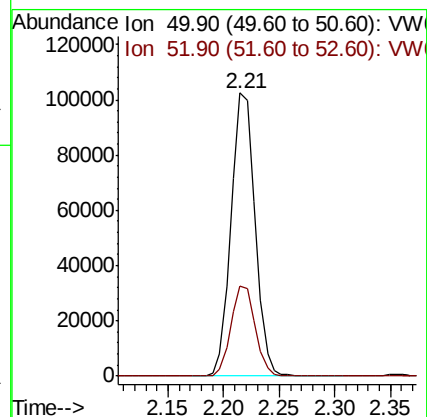
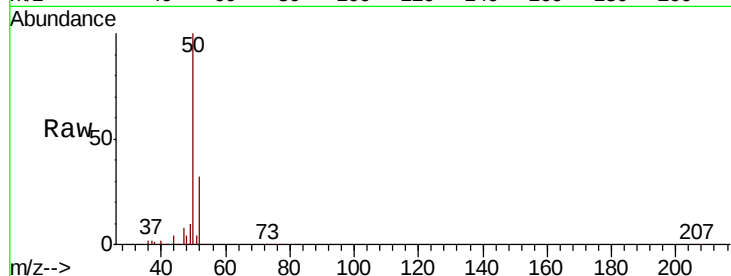
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 153291

Ion Ratio Lower Upper

50 100

52 31.7 25.2 37.8



#4

Vinyl Chloride

Concen: 51.913 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010903.D

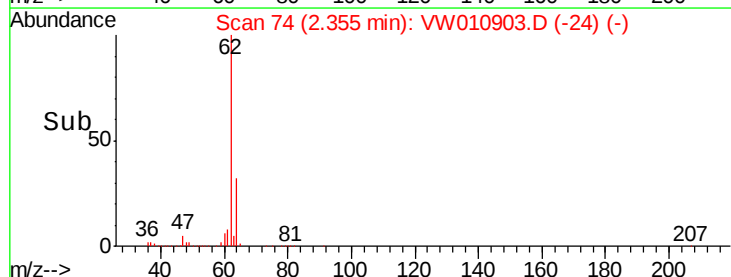
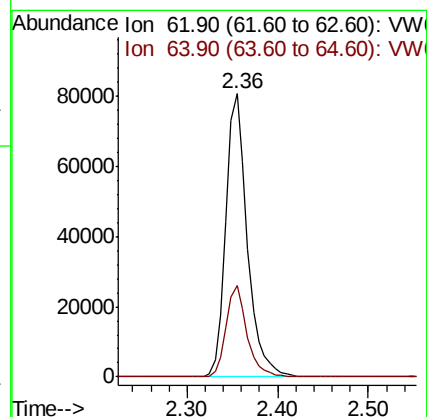
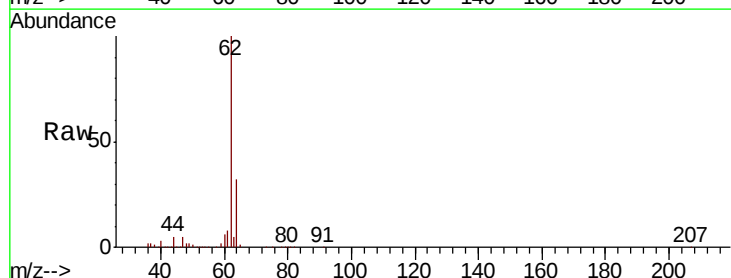
Acq: 20 Jun 2019 20:51

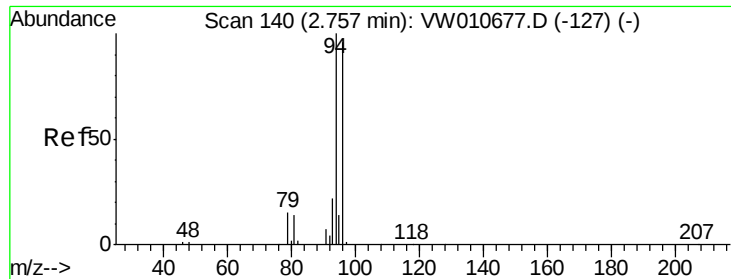
Tgt Ion: 62 Resp: 133153

Ion Ratio Lower Upper

62 100

64 32.1 24.5 36.7





#5

Bromomethane

Concen: 55.632 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

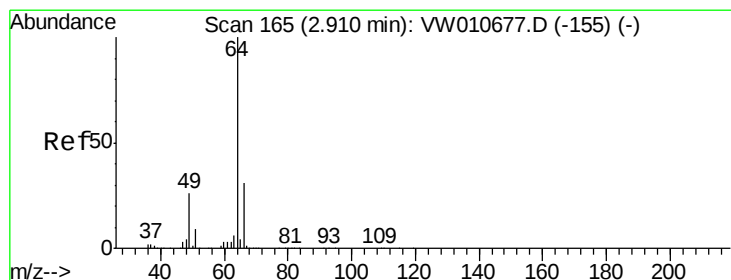
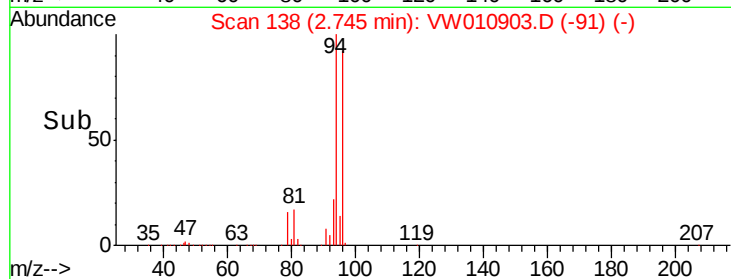
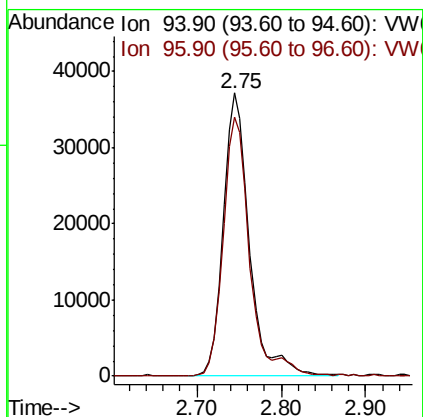
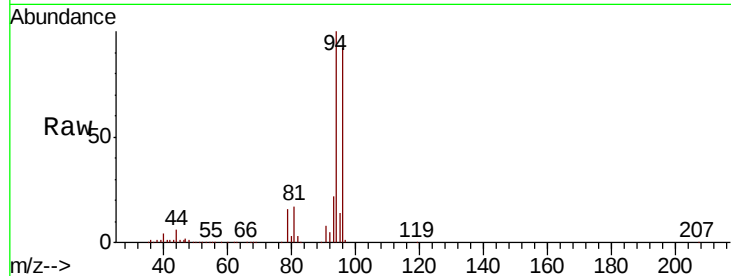
ClientSampleId :

Tot Ion: 94 Resp: 78359

Ion Ratio Lower Upper

94 100

96 91.6 76.5 114.7



#6

Chloroethane

Concen: 55.411 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010903.D

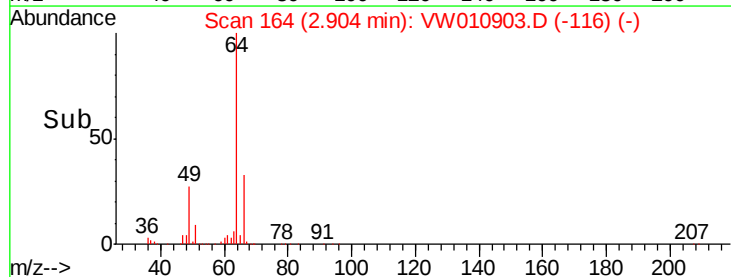
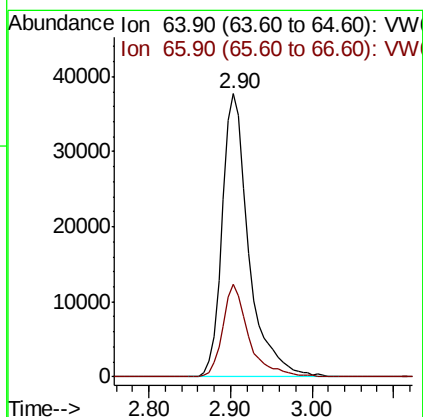
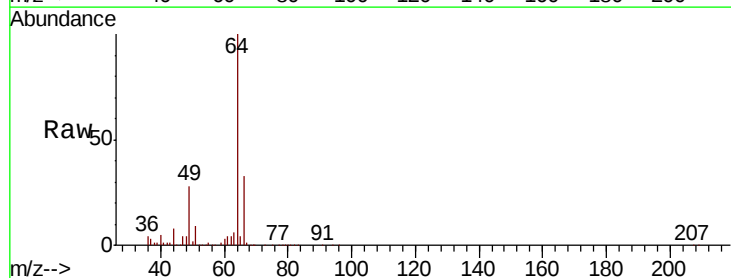
Acq: 20 Jun 2019 20:51

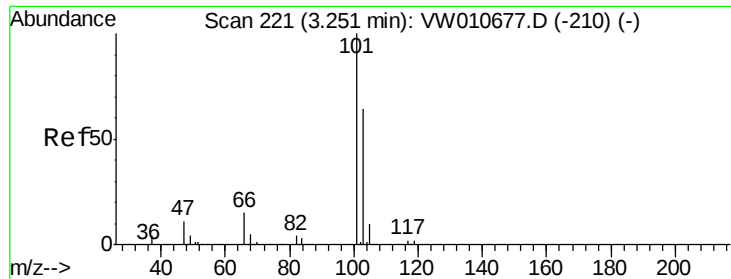
Tgt Ion: 64 Resp: 85311

Ion Ratio Lower Upper

64 100

66 32.8 25.1 37.7



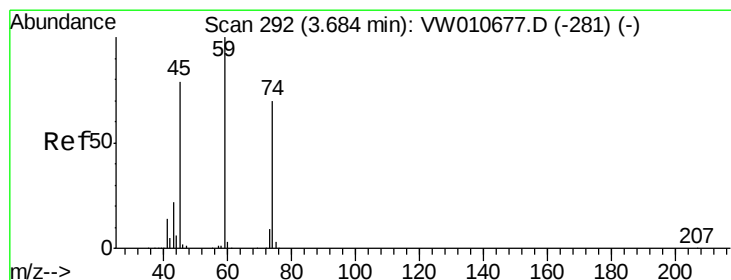
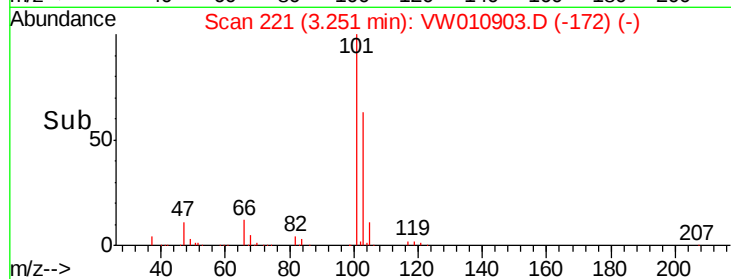
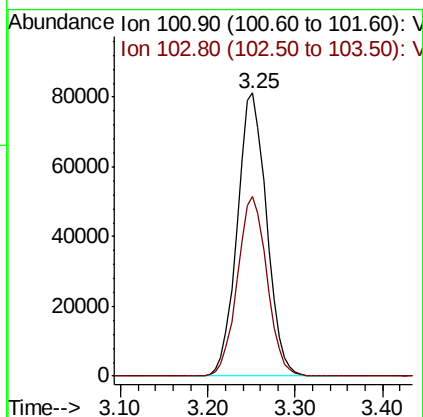
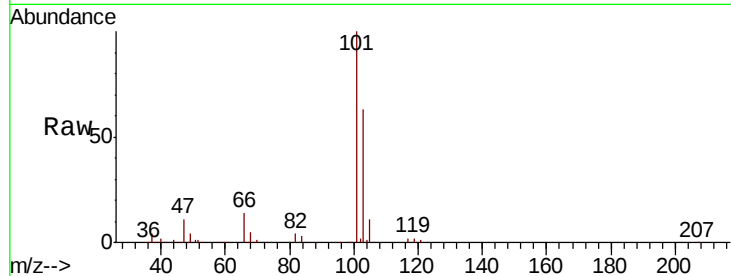


#7

Trichlorofluoromethane
 Concen: 56.899 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW010903.D
 Acq: 20 Jun 2019 20:51

Instrument :
 MSVOA_W
 ClientSampleId :

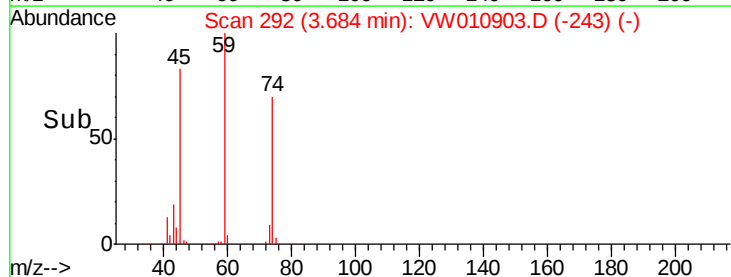
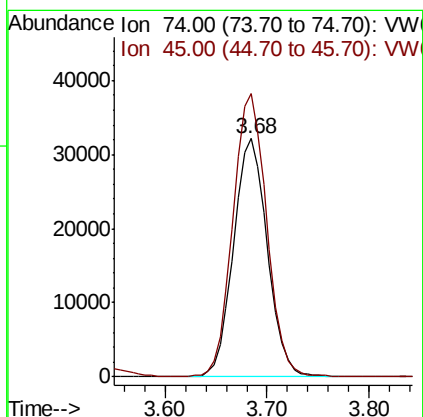
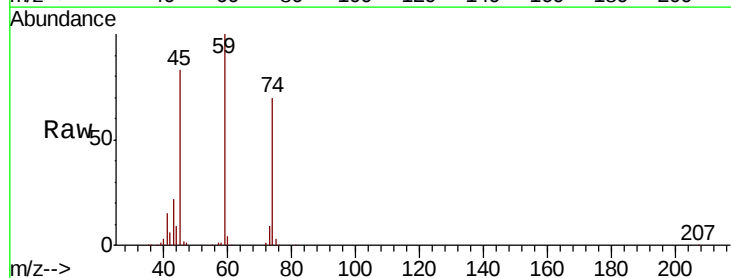
Tot Ion:101 Resp: 189448
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.2 76.8

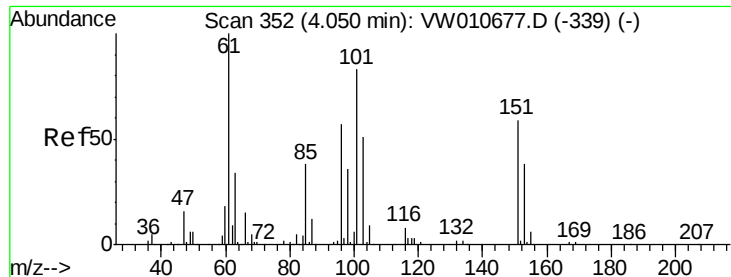


#8

Diethyl Ether
 Concen: 62.096 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW010903.D
 Acq: 20 Jun 2019 20:51

Tgt Ion: 74 Resp: 73886
 Ion Ratio Lower Upper
 74 100
 45 118.2 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.849 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

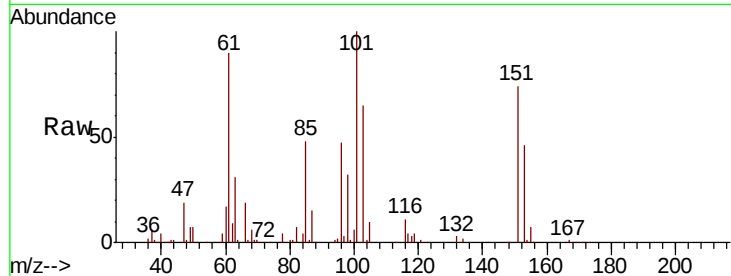
Tot Ion:101 Resp: 116371

Ion Ratio Lower Upper

101 100

85 46.3 35.8 53.8

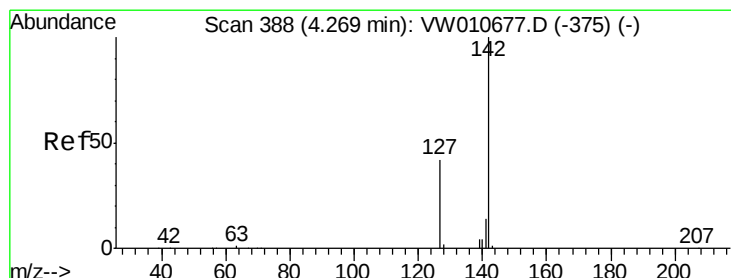
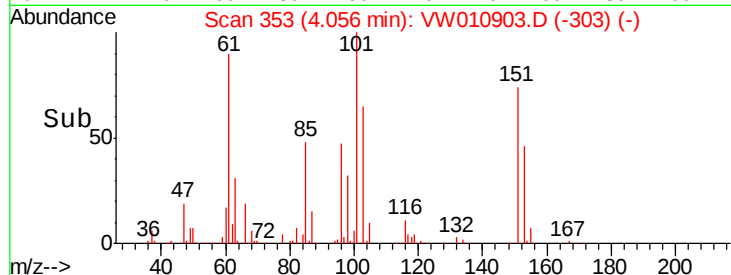
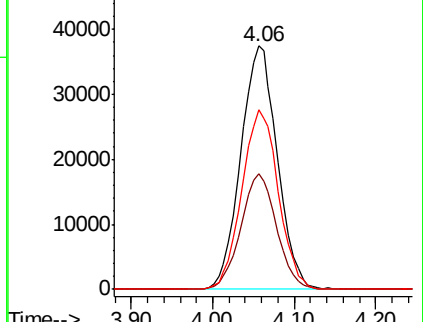
151 74.0 58.1 87.1



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: 51.890 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

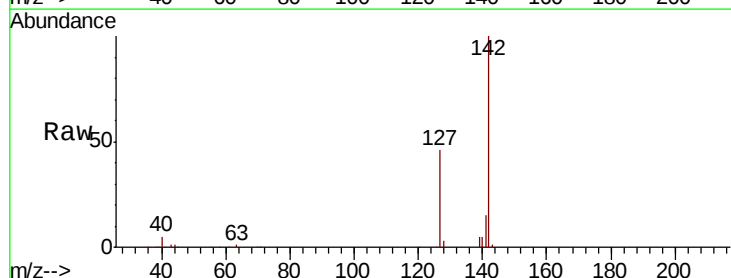
Tgt Ion:142 Resp: 109844

Ion Ratio Lower Upper

142 100

127 45.8 34.6 51.8

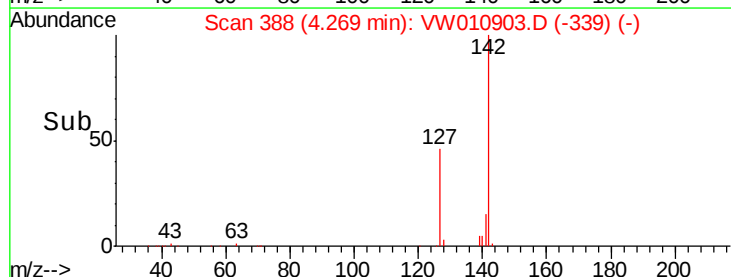
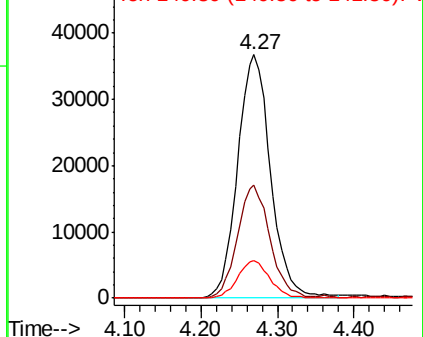
141 15.1 11.6 17.4

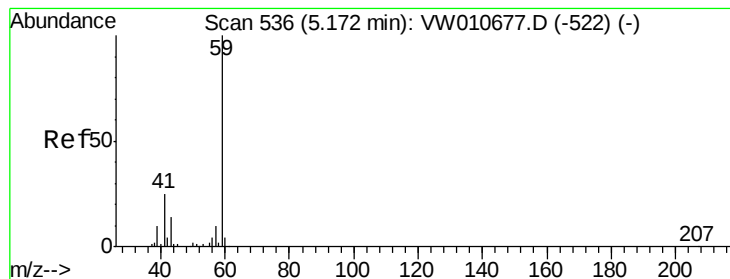


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



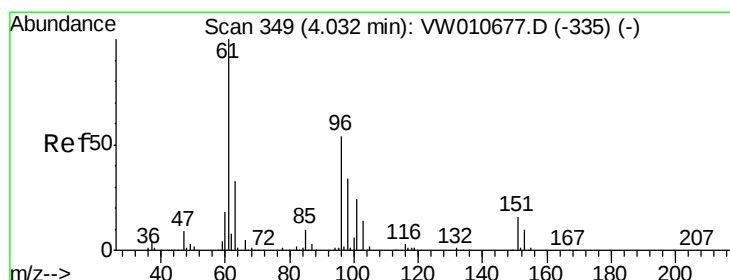
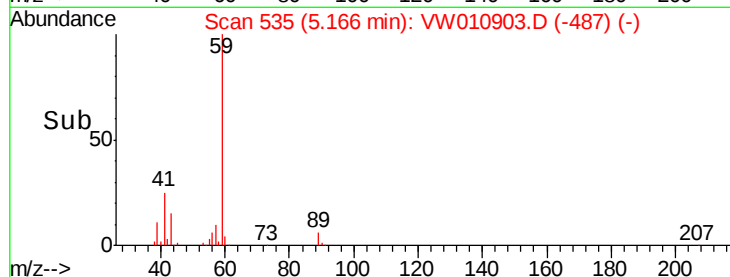
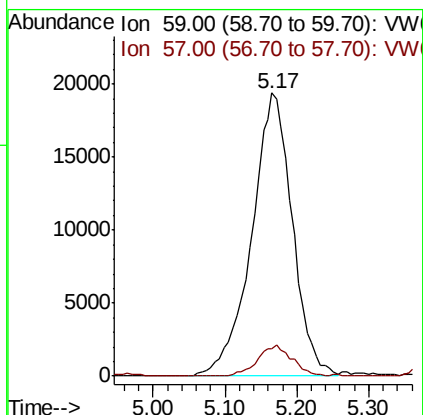
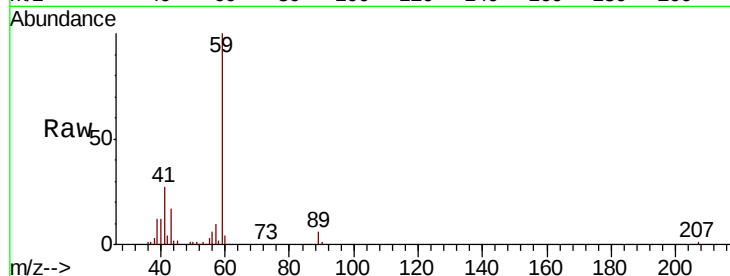


#11

Tert butyl alcohol
Concen: 387.566 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Instrument :
MSVOA_W
ClientSampleId :

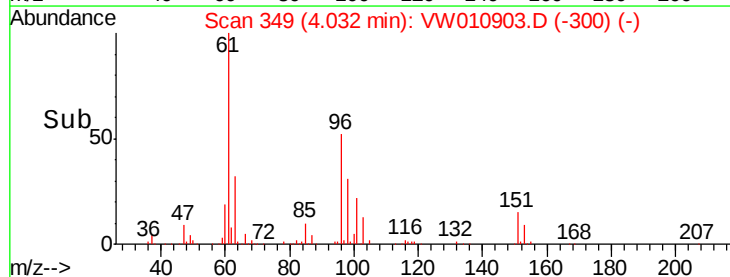
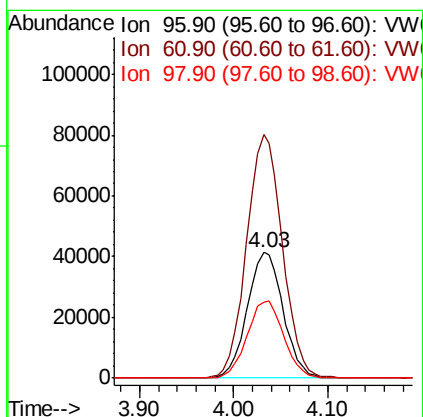
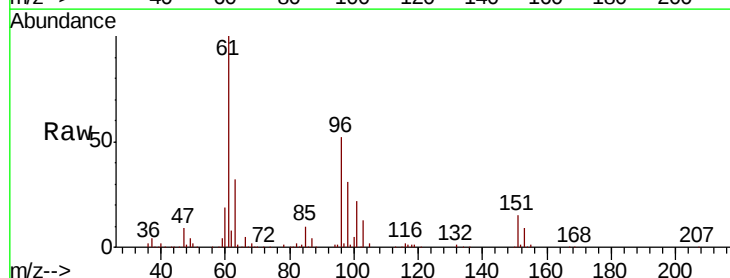
Tot Ion: 59 Resp: 75990
Ion Ratio Lower Upper
59 100
57 9.4 8.6 12.8

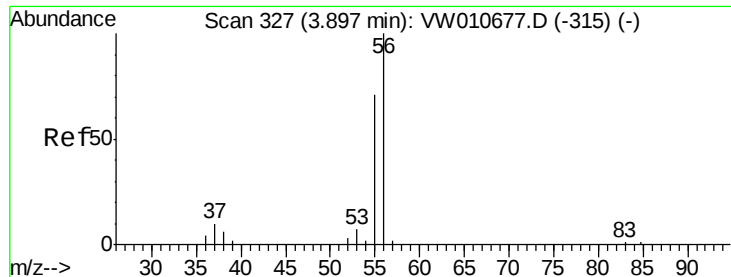


#12

1,1-Dichloroethene
Concen: 55.846 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion: 96 Resp: 110276
Ion Ratio Lower Upper
96 100
61 194.1 149.1 223.7
98 61.0 51.1 76.7

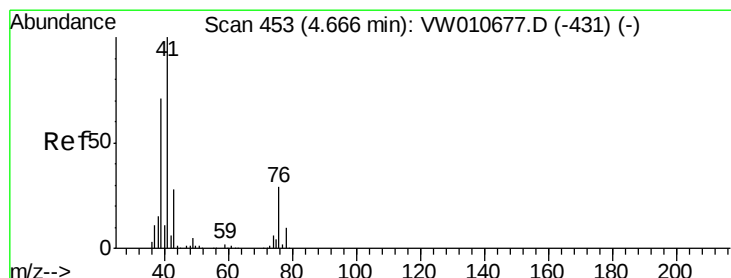
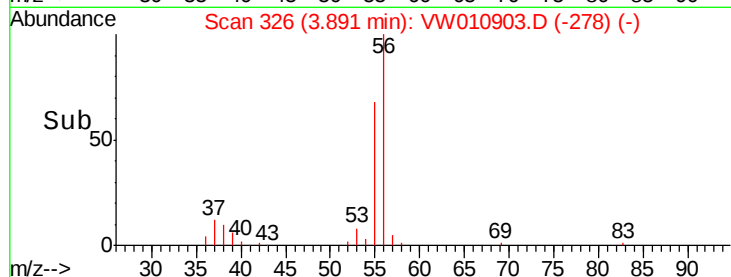
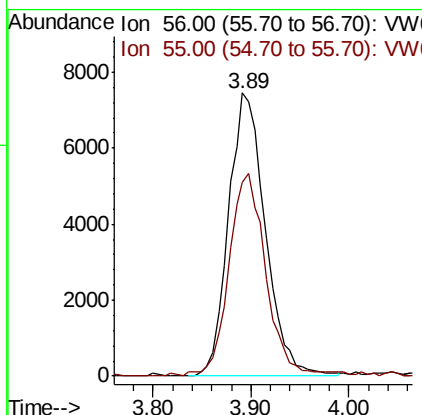
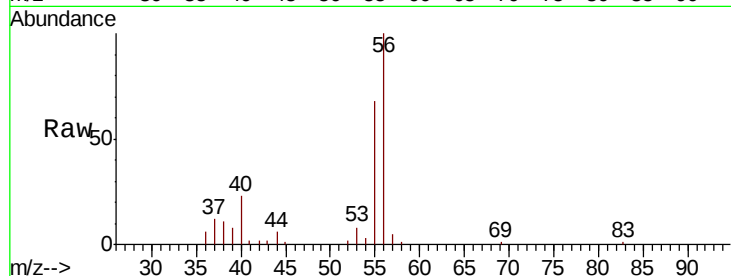




#13
Acrolein
Concen: 242.947 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.01 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

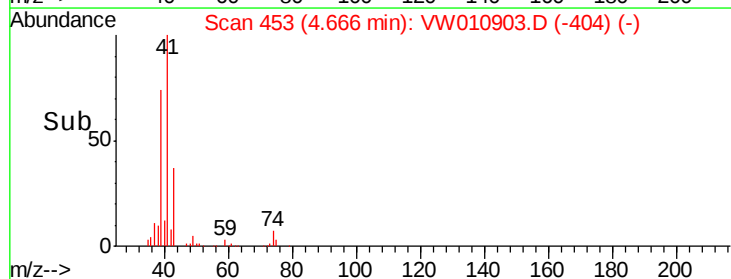
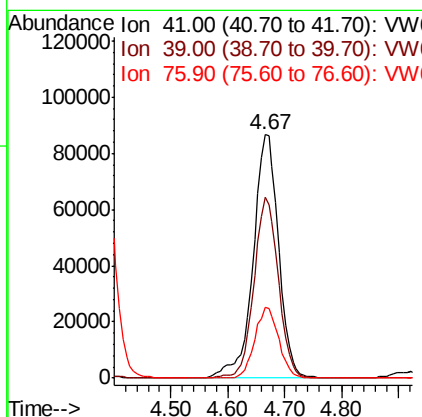
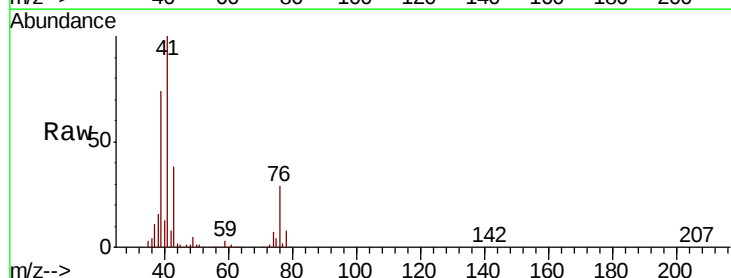
Instrument :
MSVOA_W
ClientSampleId :

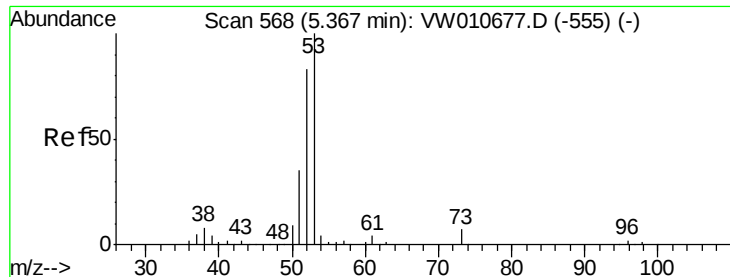
Tot Ion: 56 Resp: 19465
Ion Ratio Lower Upper
56 100
55 71.5 57.6 86.4



#14
Allyl chloride
Concen: 61.481 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion: 41 Resp: 267686
Ion Ratio Lower Upper
41 100
39 71.1 55.8 83.6
76 27.4 22.7 34.1





#15

Acrylonitrile

Concen: 339.023 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

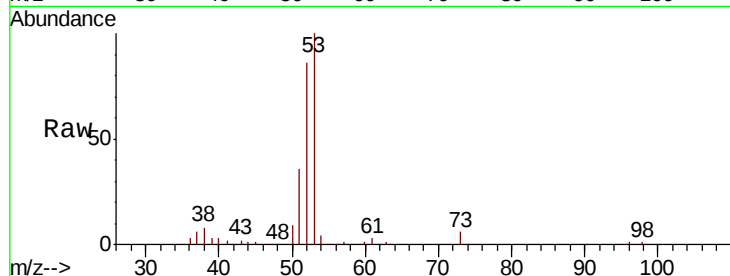
Tot Ion: 53 Resp: 195973

Ion Ratio Lower Upper

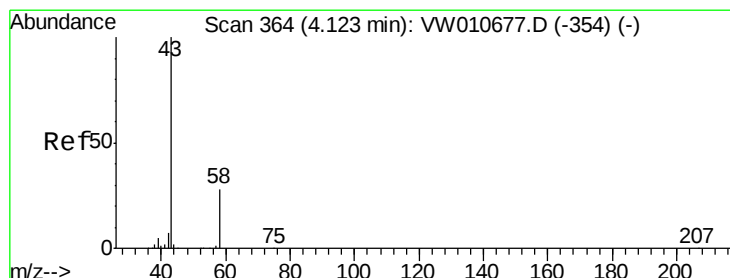
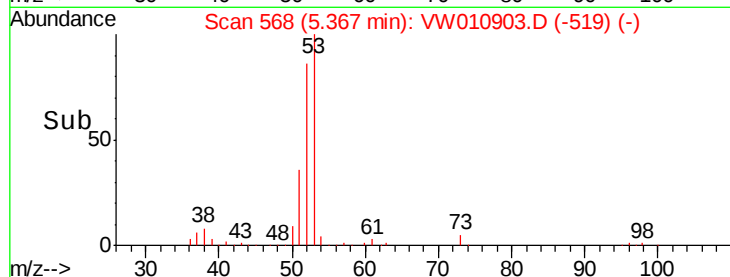
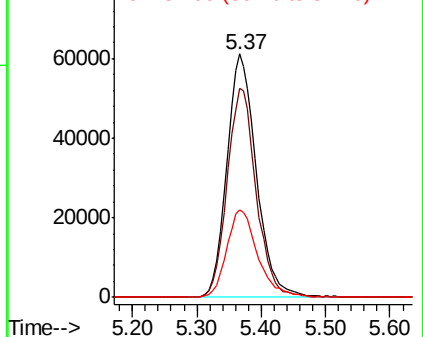
53 100

52 84.3 66.6 100.0

51 37.7 29.8 44.8



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



#16

Acetone

Concen: 346.715 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010903.D

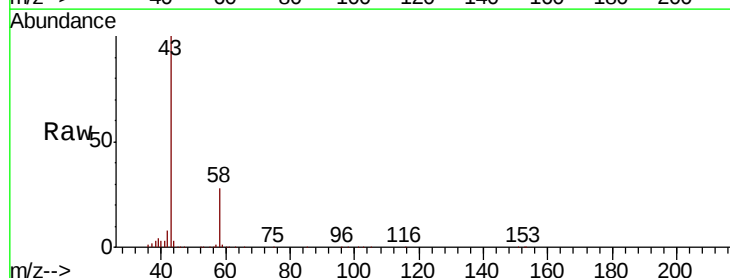
Acq: 20 Jun 2019 20:51

Tgt Ion: 43 Resp: 223588

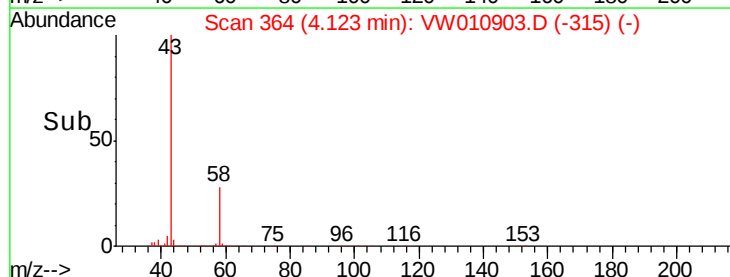
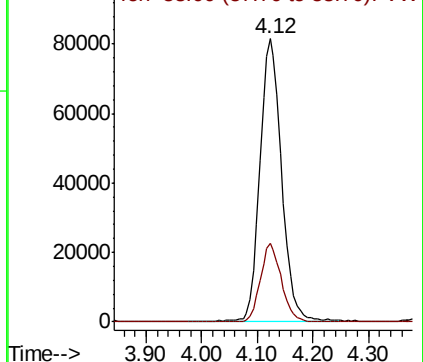
Ion Ratio Lower Upper

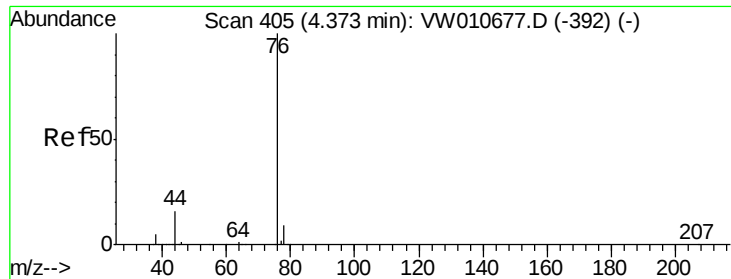
43 100

58 27.6 22.1 33.1



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

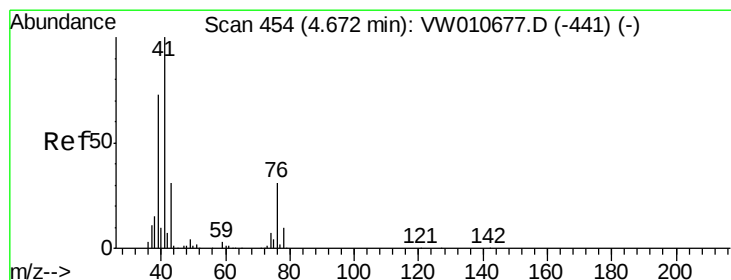
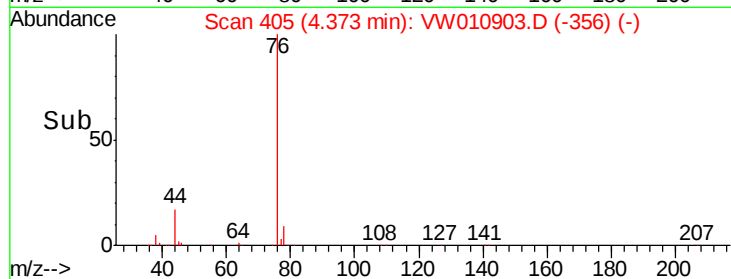
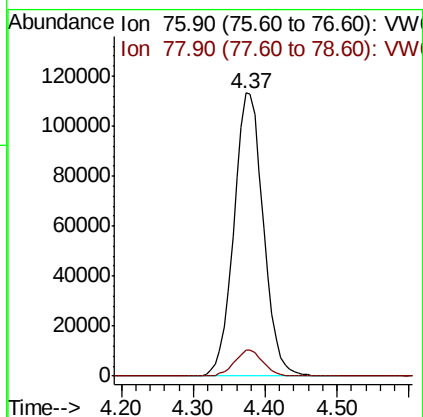
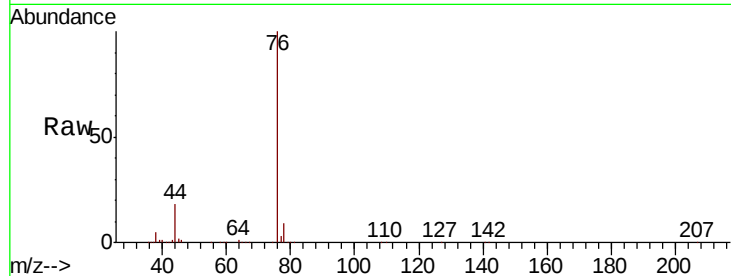




#17
Carbon Disulfide
Concen: 51.189 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

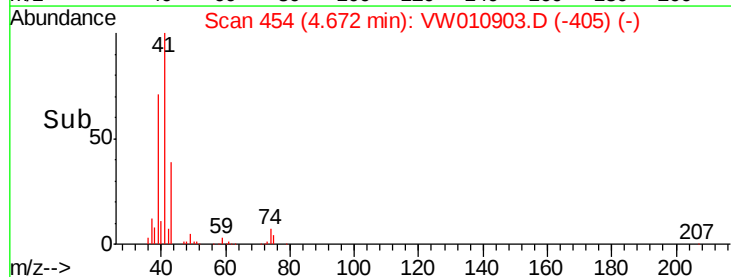
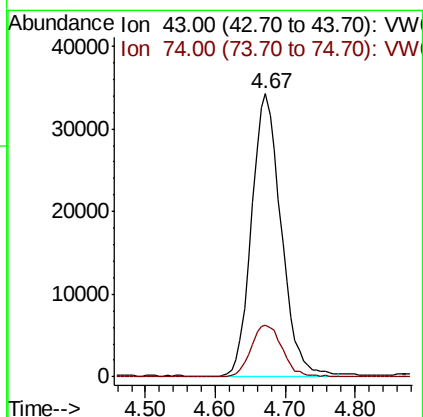
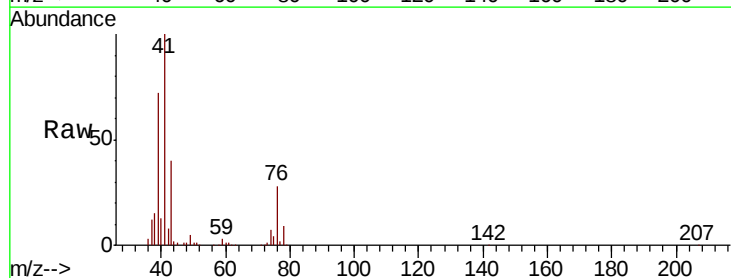
Instrument :
MSVOA_W
ClientSampled :

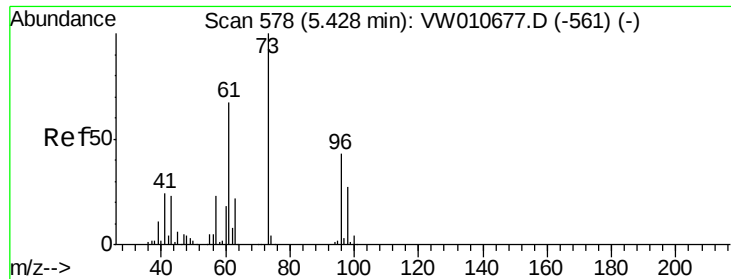
Tot Ion: 76 Resp: 320876
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 72.521 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion: 43 Resp: 100671
Ion Ratio Lower Upper
43 100
74 19.5 16.7 25.1

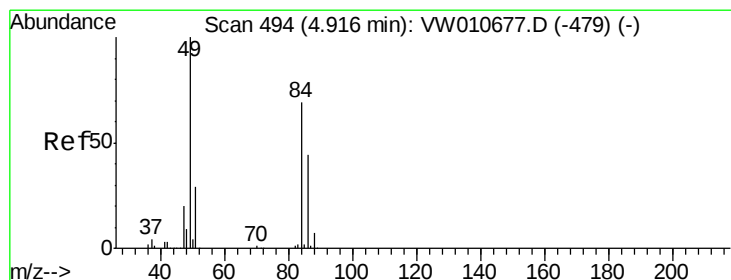
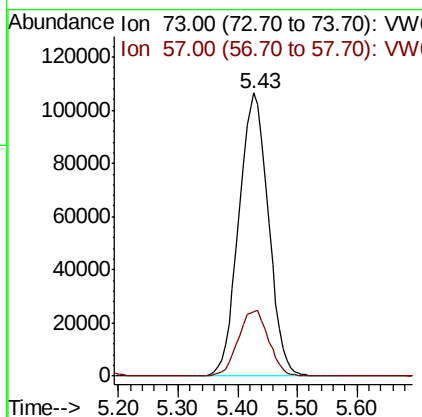
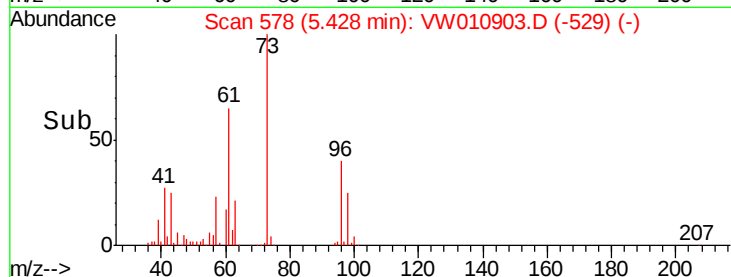
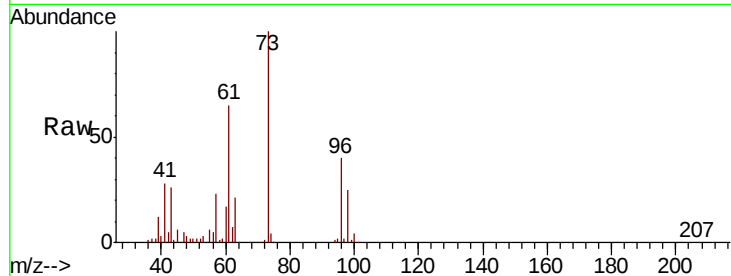




#19
Methvl tert-butvl Ether
Concen: 64.556 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

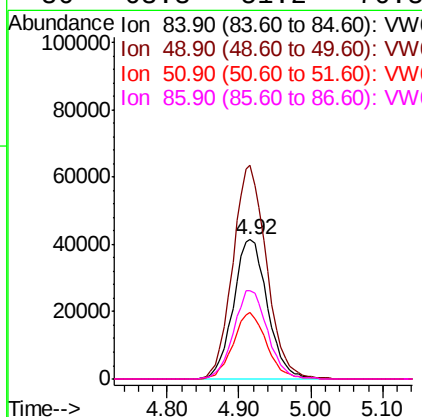
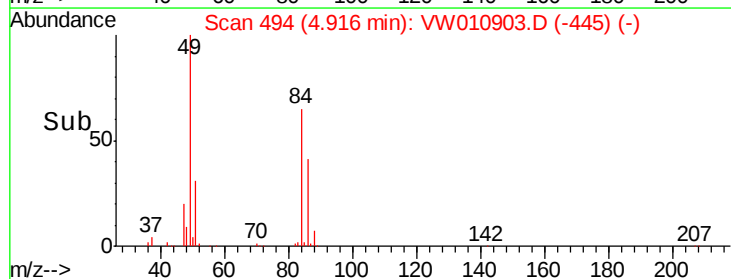
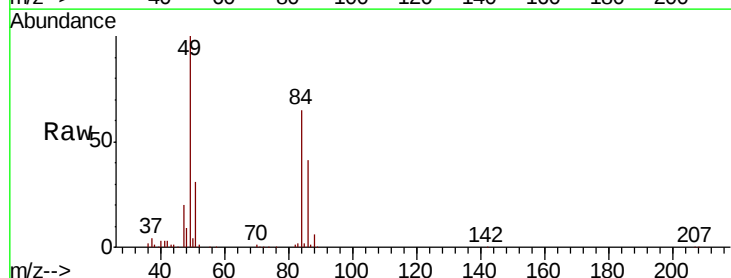
Instrument :
MSVOA_W
ClientSampled :

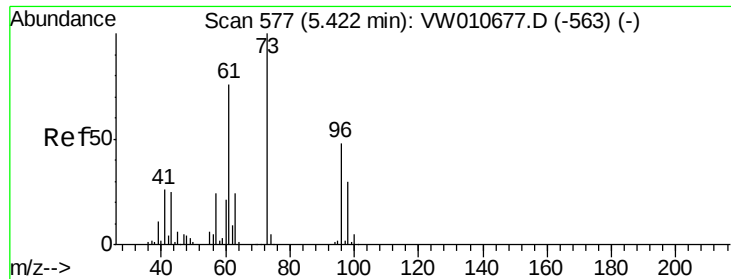
Tot Ion: 73 Resp: 367656
Ion Ratio Lower Upper
73 100
57 23.0 18.6 27.8



#20
Methylene Chloride
Concen: 60.306 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion: 84 Resp: 136429
Ion Ratio Lower Upper
84 100
49 153.4 116.7 175.1
51 47.5 34.2 51.2
86 63.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 59.084 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

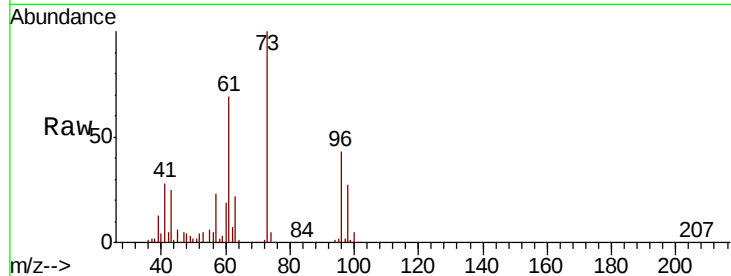
Tot Ion: 96 Resp: 132446

Ion Ratio Lower Upper

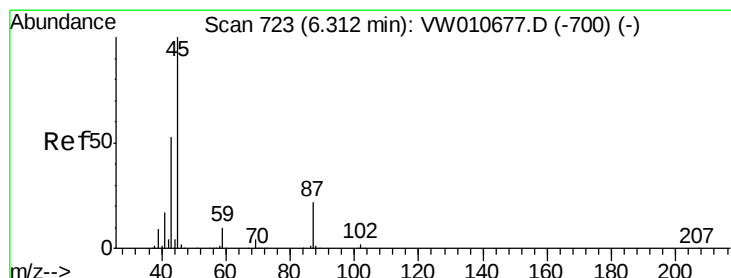
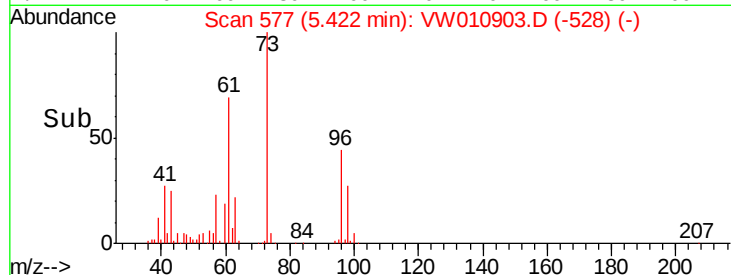
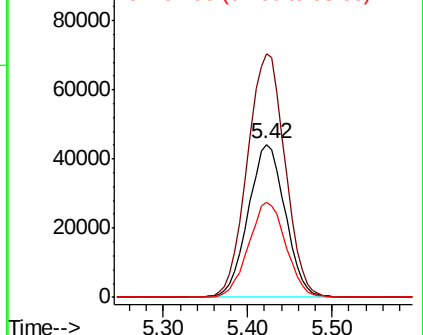
96 100

61 159.0 126.0 189.0

98 62.2 49.6 74.4



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: 65.531 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Tgt Ion: 45 Resp: 571215

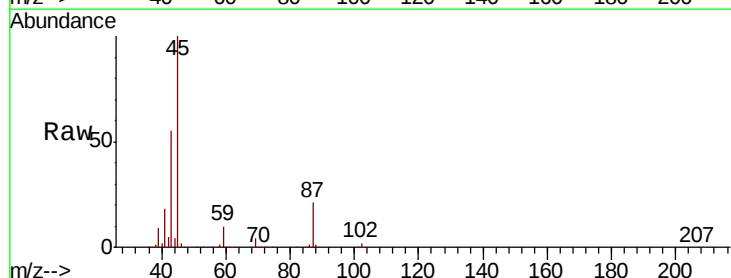
Ion Ratio Lower Upper

45 100

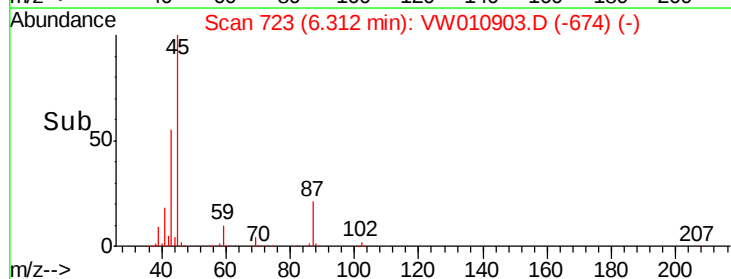
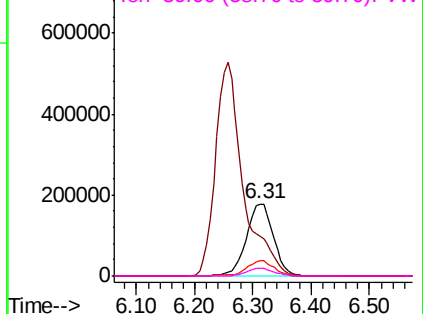
43 54.4 42.5 63.7

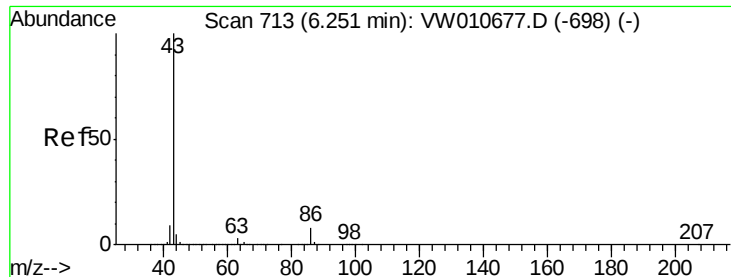
87 21.1 17.4 26.2

59 10.3 8.1 12.1



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: 329.325 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

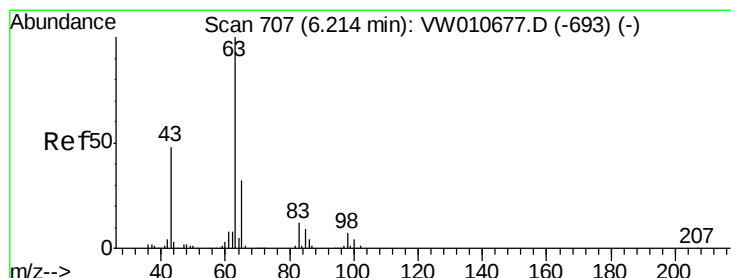
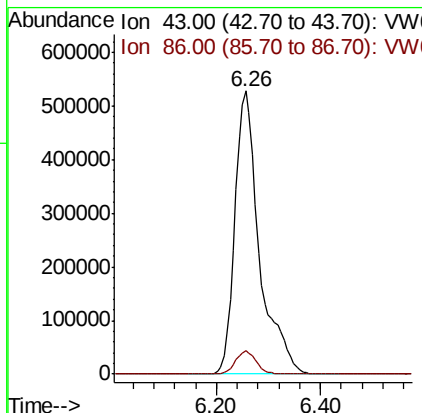
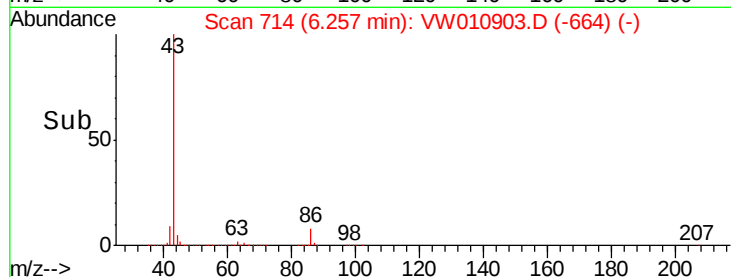
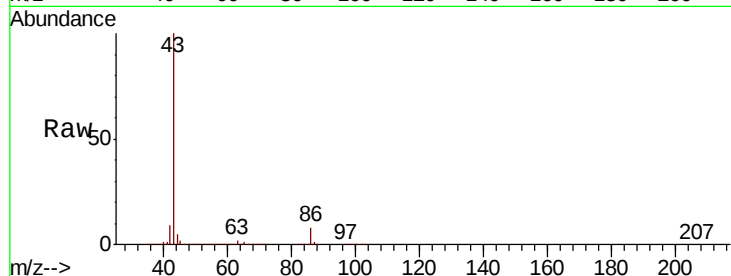
ClientSampleId :

Tot Ion: 43 Resp: 1732421

Ion Ratio Lower Upper

43 100

86 8.1 6.6 10.0



#24

1,1-Dichloroethane

Concen: 62.886 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

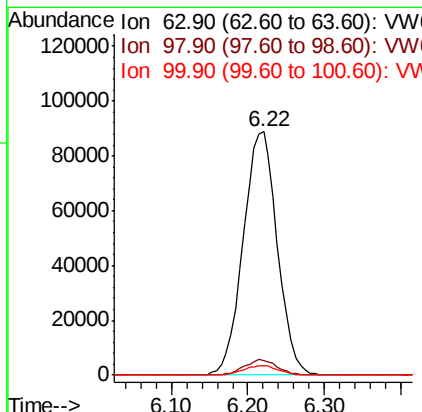
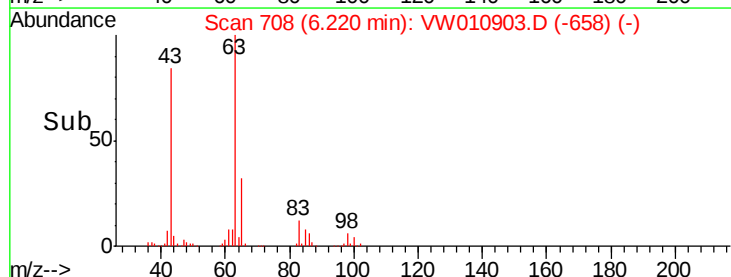
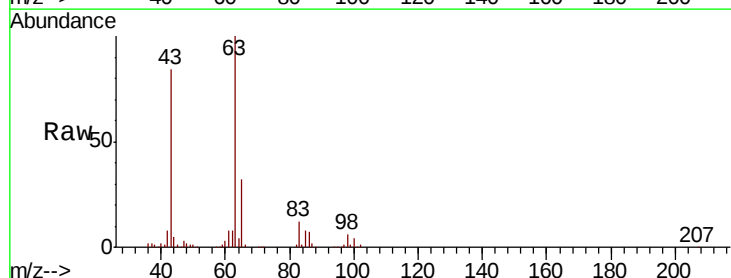
Tgt Ion: 63 Resp: 274708

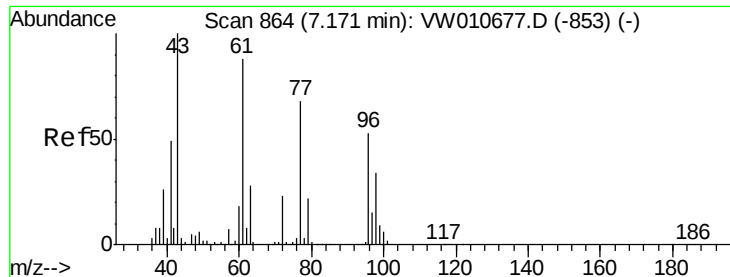
Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

100 3.9 2.1 6.3





#25

2-Butanone

Concen: 355.978 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

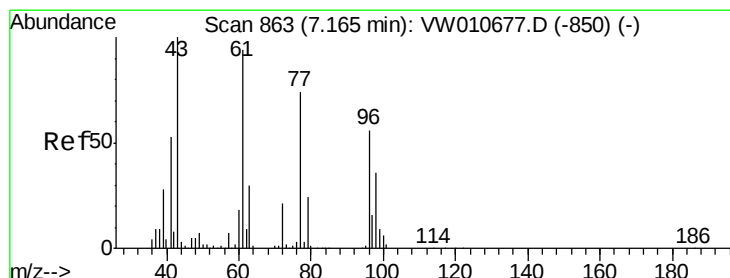
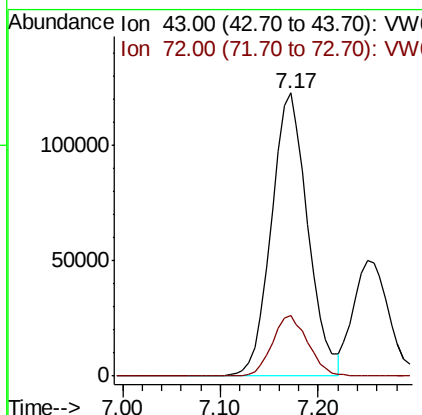
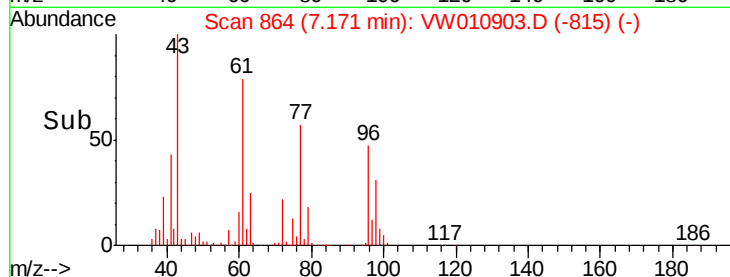
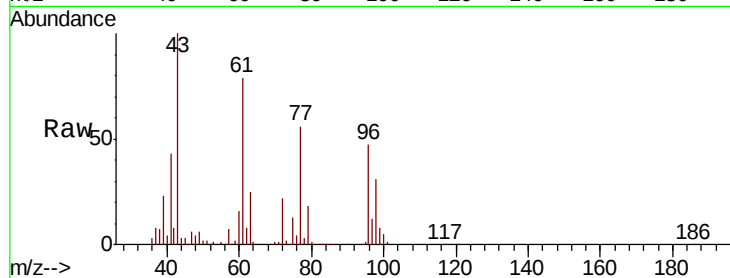
ClientSampled :

Tot Ion: 43 Resp: 318318

Ion Ratio Lower Upper

43 100

72 21.7 18.1 27.1



#26

2,2-Dichloropropane

Concen: 58.776 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010903.D

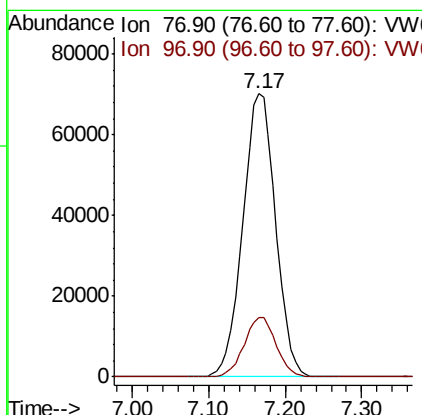
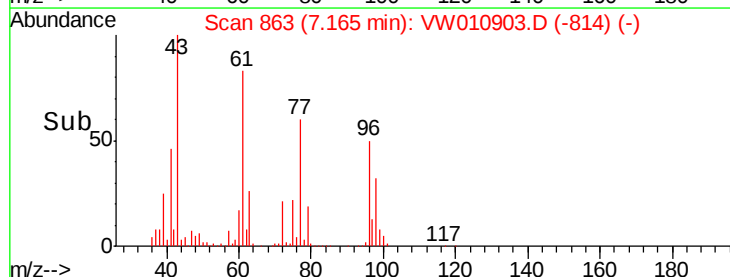
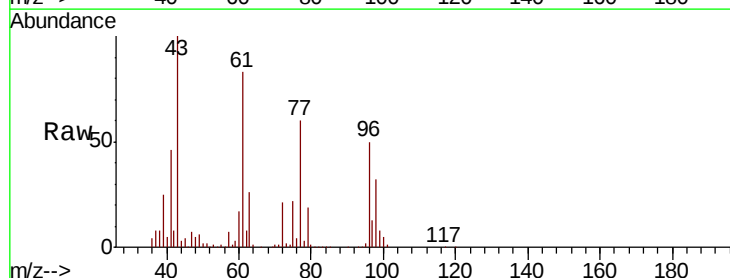
Acq: 20 Jun 2019 20:51

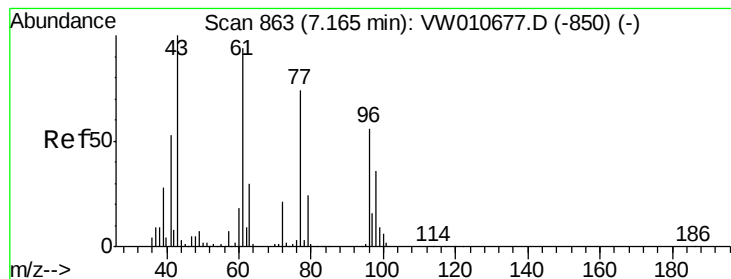
Tgt Ion: 77 Resp: 208928

Ion Ratio Lower Upper

77 100

97 20.5 10.5 31.6



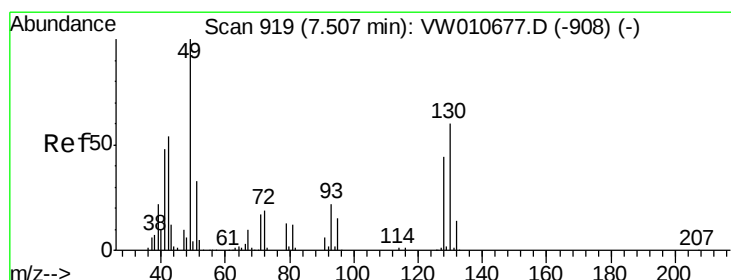
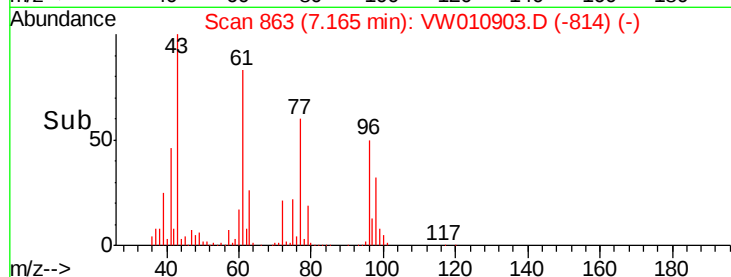
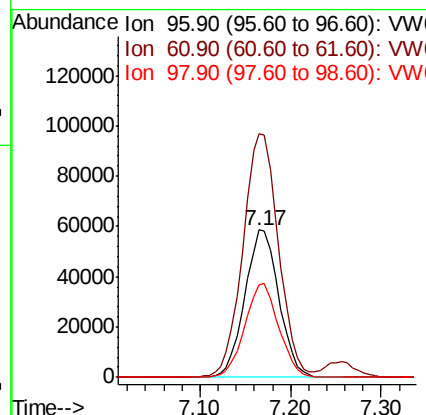
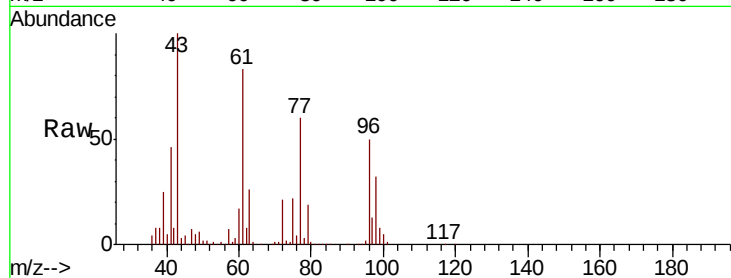


#27

cis-1,2-Dichloroethene
Concen: 61.874 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Instrument :
MSVOA_W
ClientSampleId :

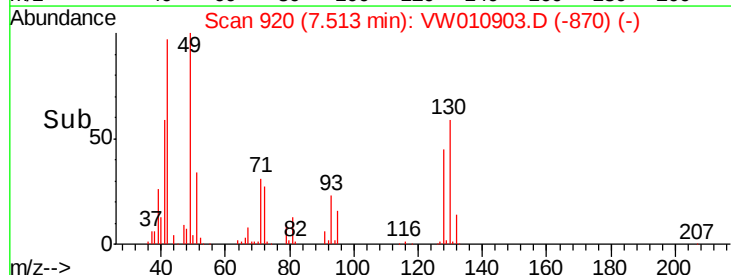
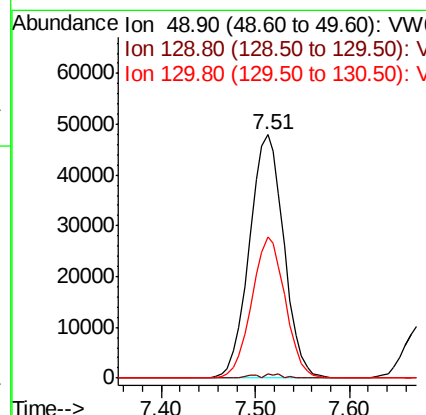
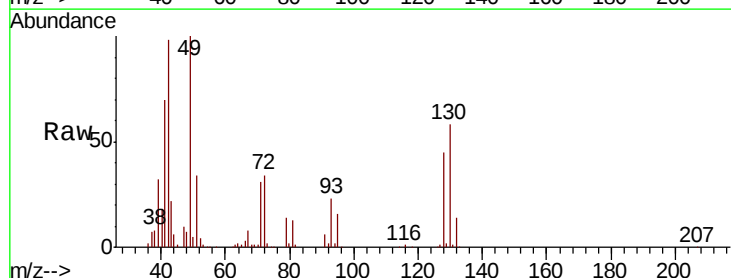
Tot Ion	Ratio	Lower	Upper
96	100		
61	171.7	0.0	336.4
98	63.6	0.0	128.0

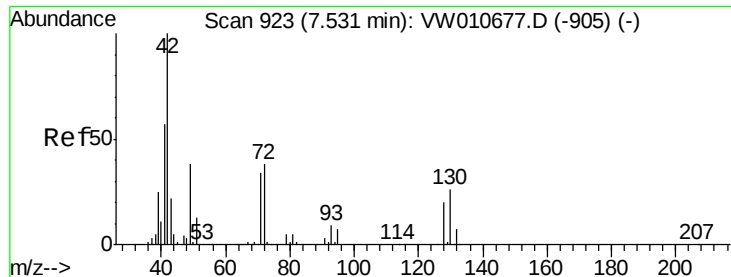


#28

Bromochloromethane
Concen: 63.191 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.2
130	56.4	48.3	72.5

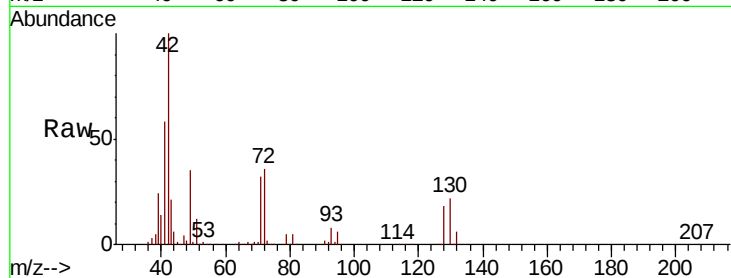




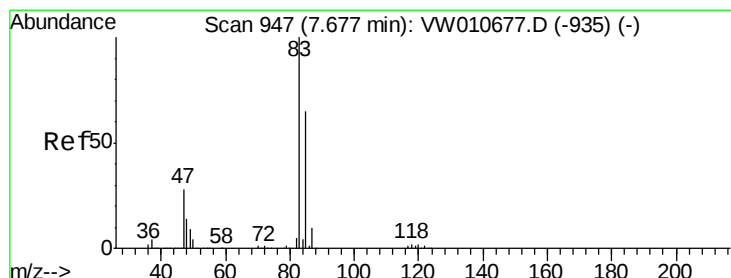
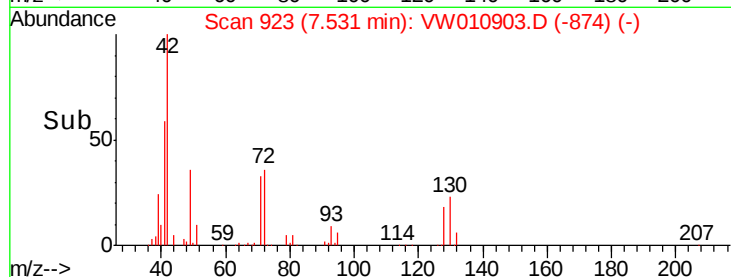
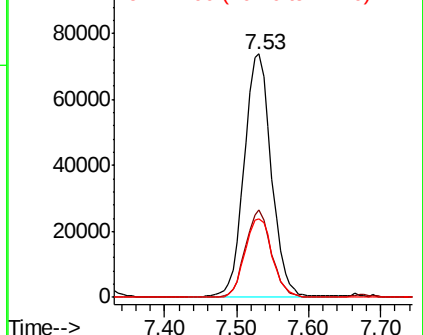
#29
Tetrahydrofuran
Concen: 344.996 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.2	28.7	43.1
71	32.8	26.6	39.8

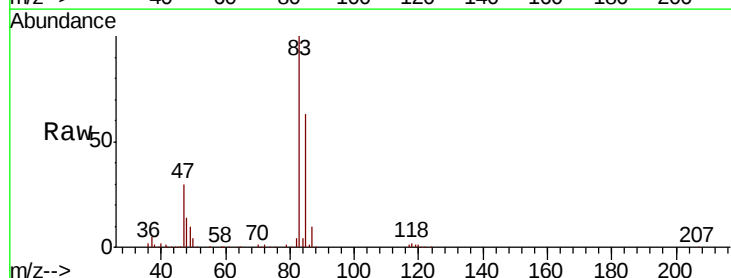


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

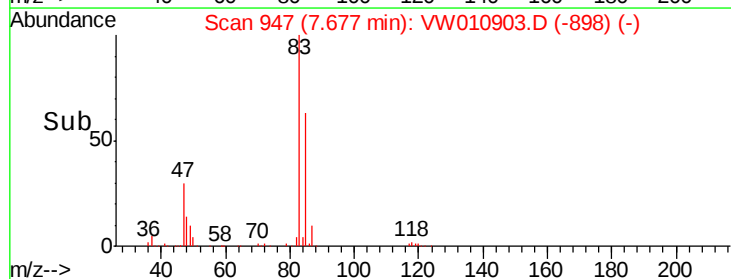
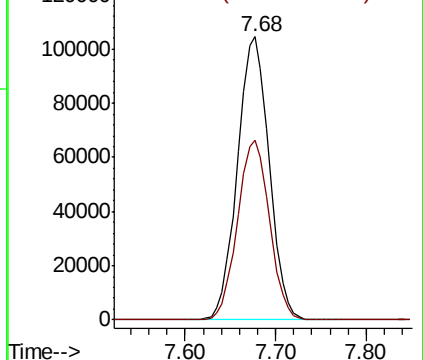


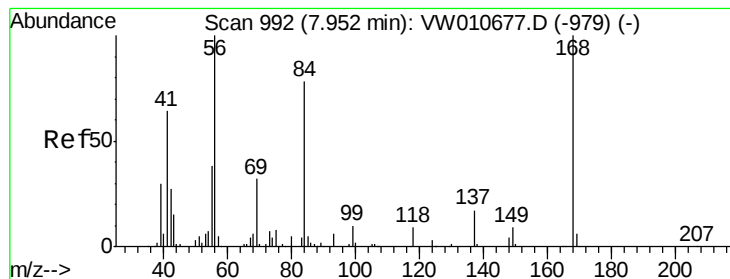
#30
Chloroform
Concen: 63.491 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.8	77.8



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 54.137 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

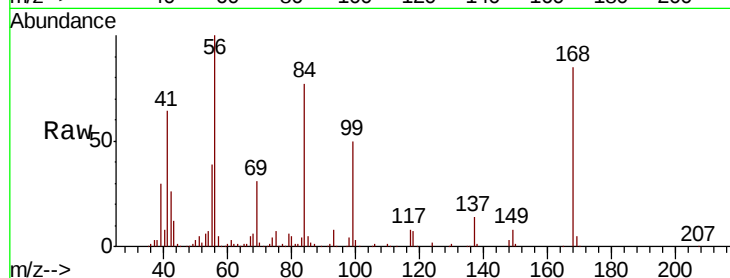
Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 262887

Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.2	37.8
84	75.3	62.2	93.2

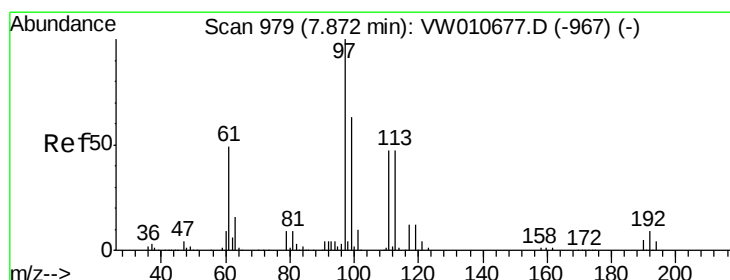
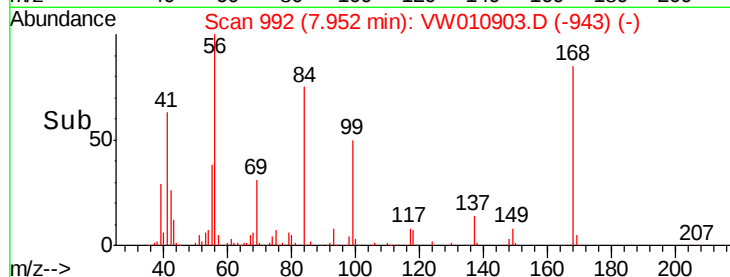
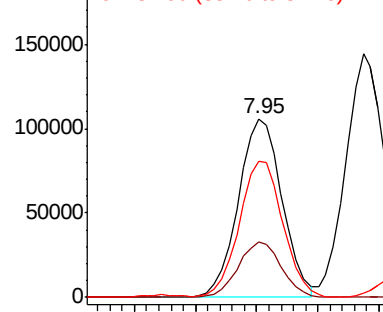


Abundance

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: 60.595 ug/l

RT: 7.87 min Scan# 979

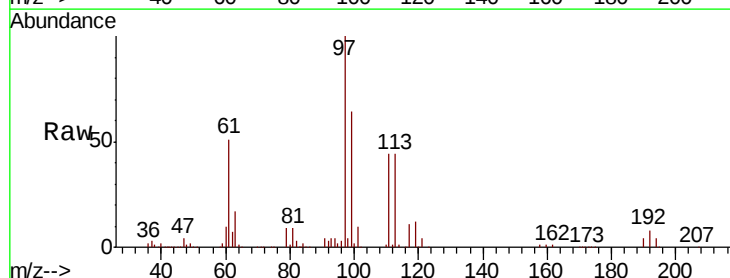
Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Tgt Ion: 97 Resp: 211495

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.3	76.9
61	51.8	40.4	60.6

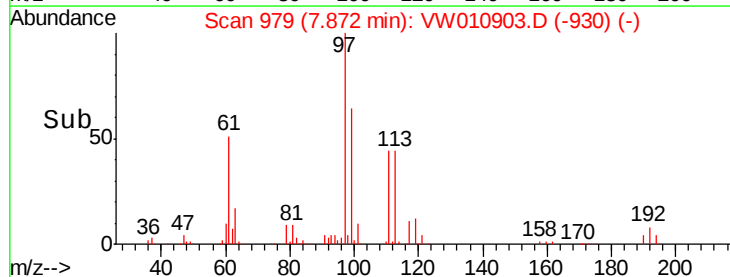
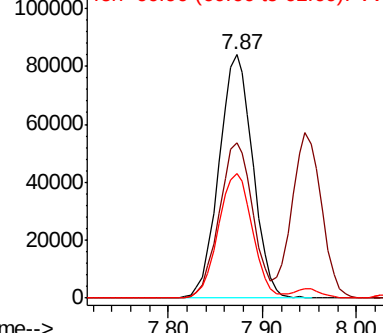


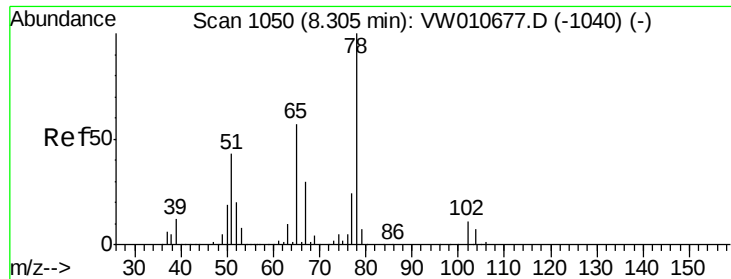
Abundance

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: 62.059 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

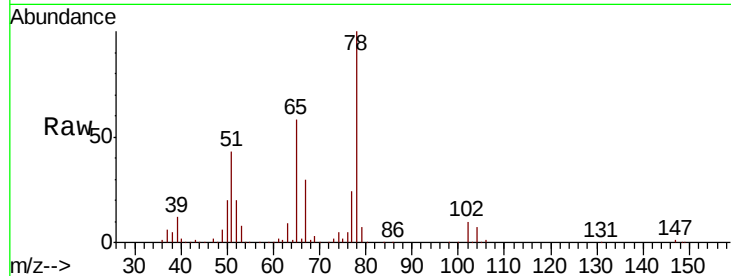
ClientSampleId :

Tot Ion: 65 Resp: 149357

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

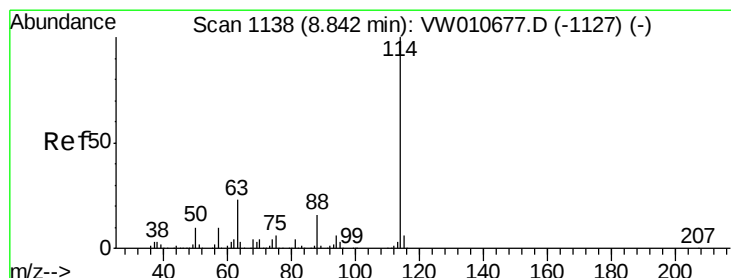
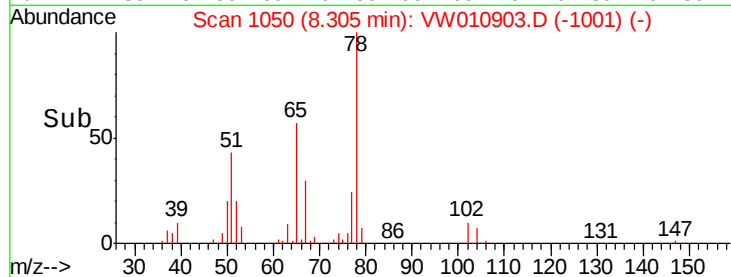
40000

20000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

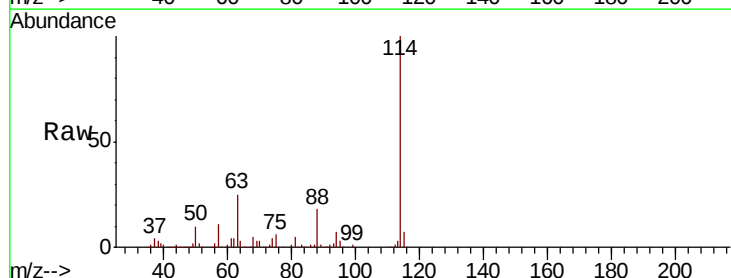
Tgt Ion: 114 Resp: 339071

Ion Ratio Lower Upper

114 100

63 25.2 0.0 46.4

88 17.7 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

200000

150000

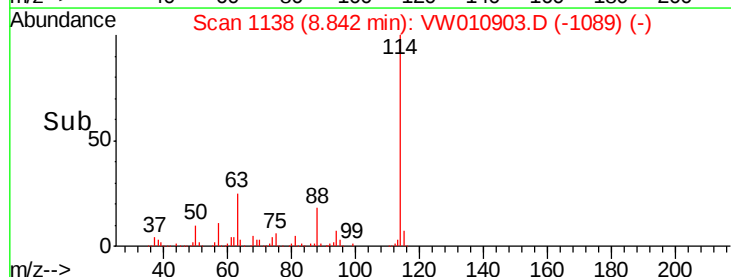
100000

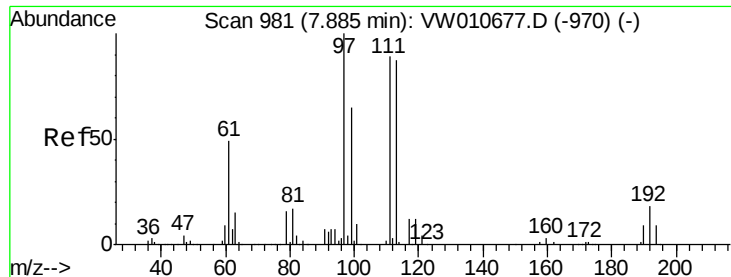
50000

0

8.70 8.80 8.90 9.00

Time-->

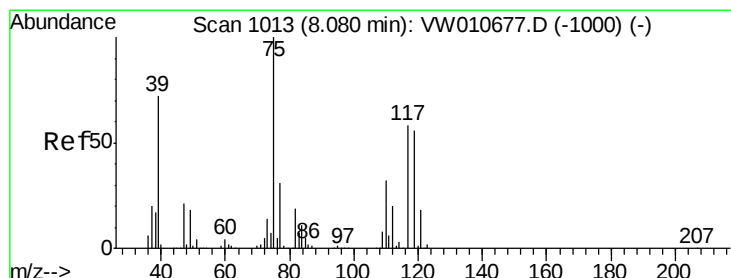
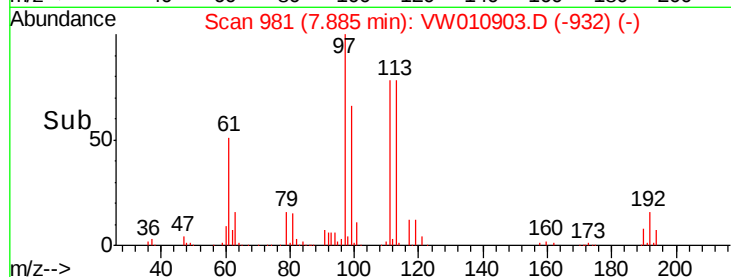
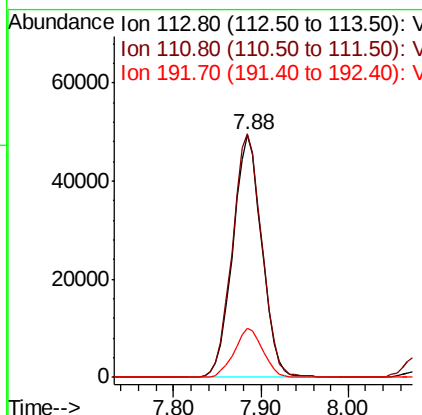
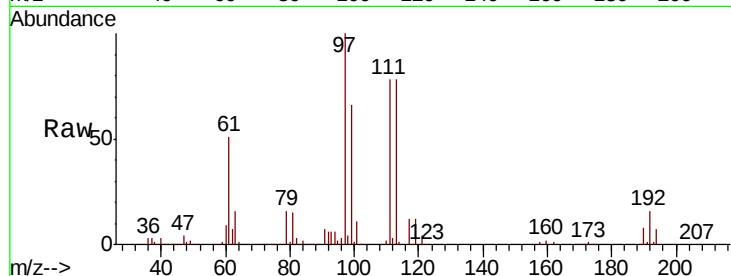




#35
 Dibromofluoromethane
 Concen: 61.821 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010903.D
 Acq: 20 Jun 2019 20:51

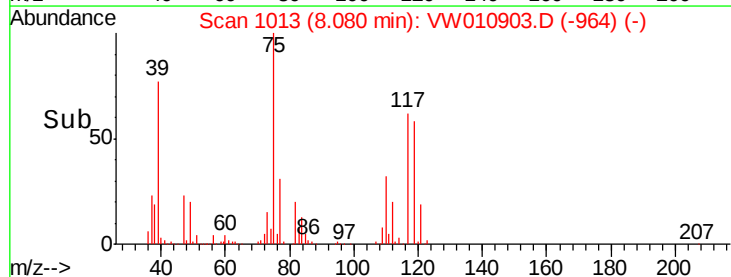
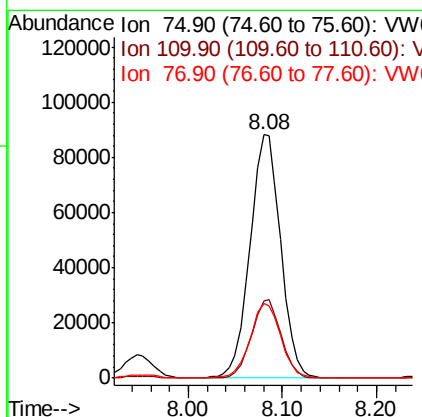
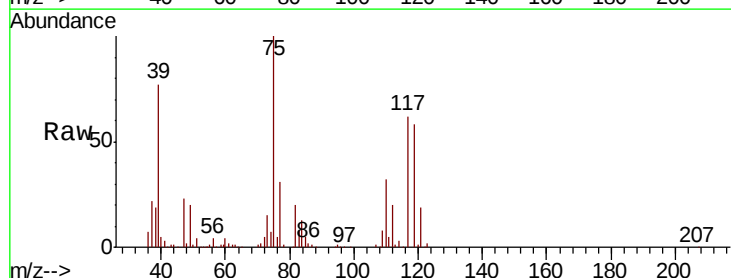
Instrument :
 MSVOA_W
 ClientSampleId :

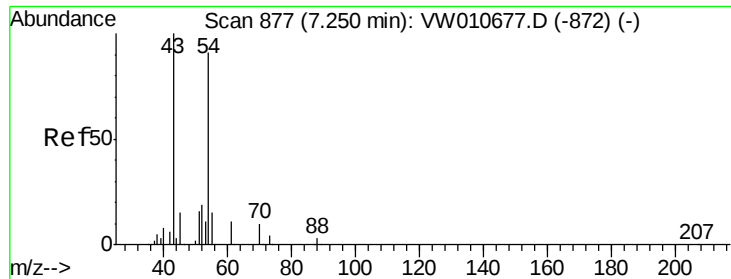
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	19.9	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 57.972 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW010903.D
 Acq: 20 Jun 2019 20:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.3	15.8	47.3
77	31.0	24.7	37.1

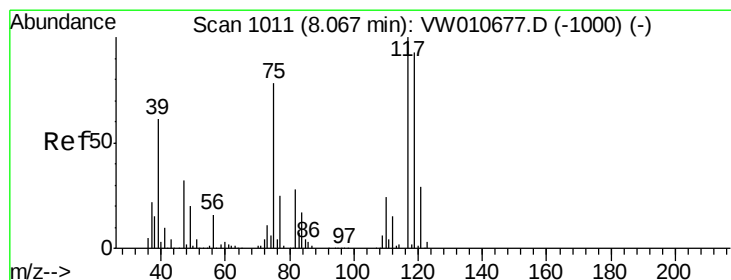
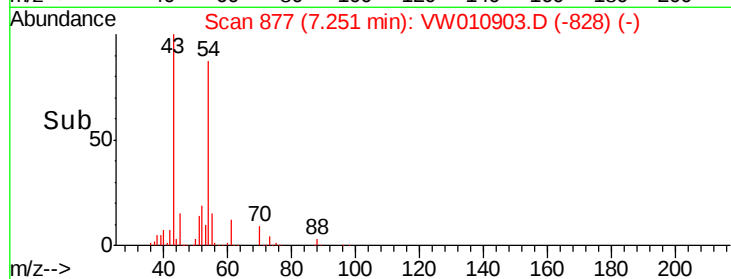
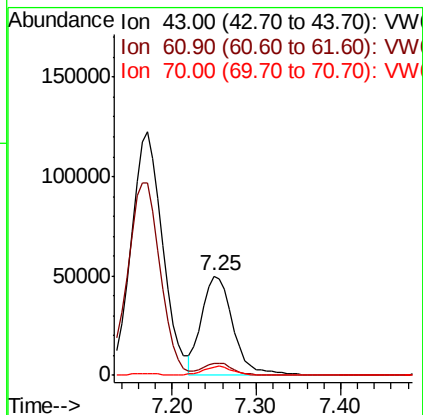
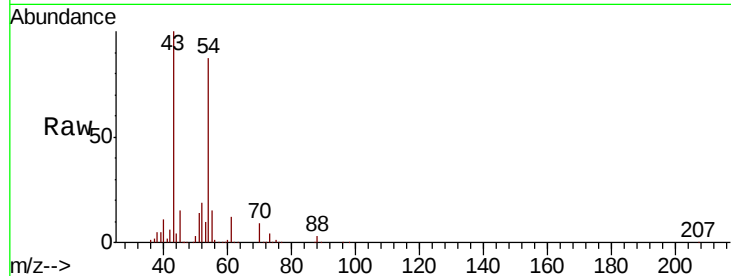




#37
Ethyl Acetate
Concen: 66.963 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

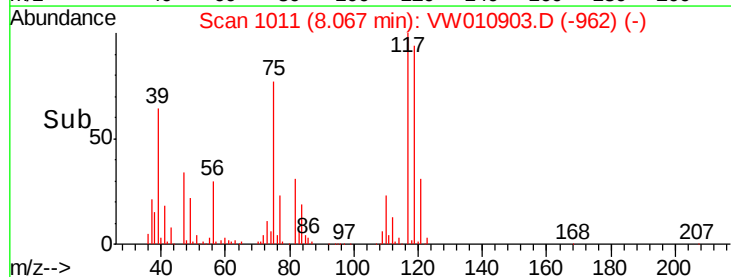
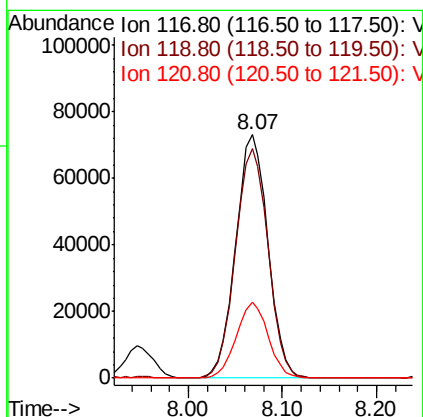
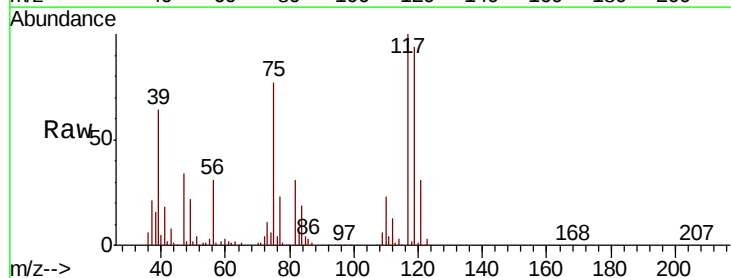
Instrument :
MSVOA_W
ClientSampleId :

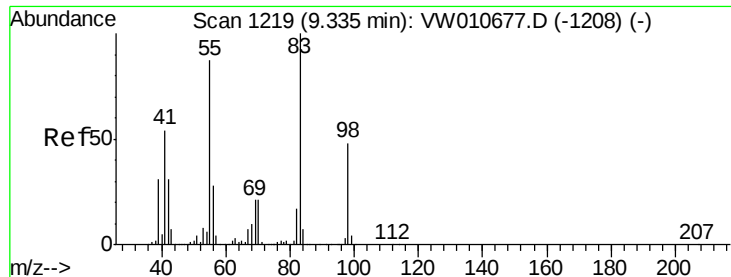
Tot Ion: 43 Resp: 128790
Ion Ratio Lower Upper
43 100
61 11.9 9.7 14.5
70 8.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 58.228 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion: 117 Resp: 174460
Ion Ratio Lower Upper
117 100
119 94.3 74.2 111.4
121 31.1 22.9 34.3

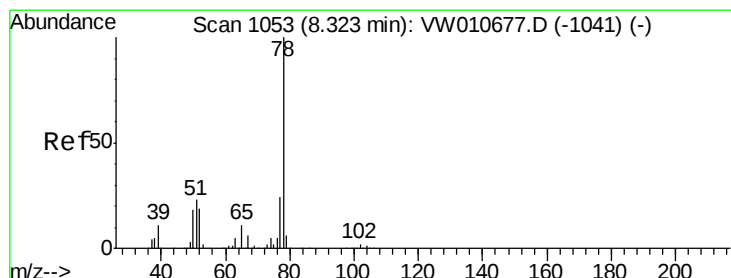
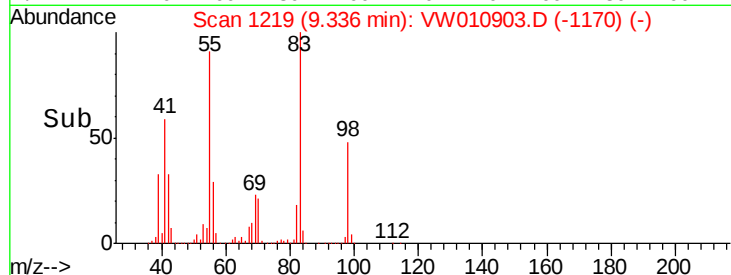
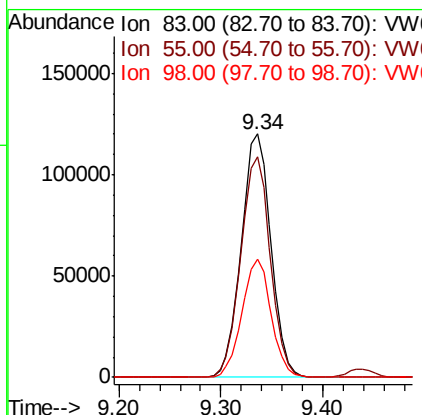
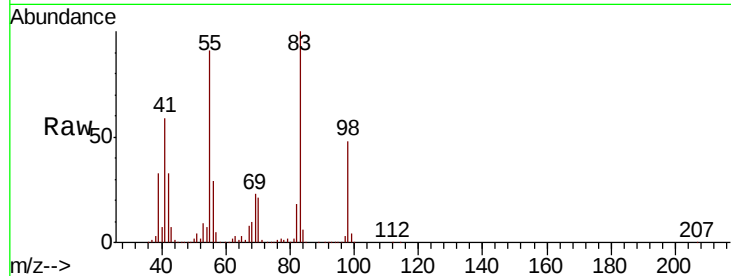




#39
Methvlcvclohexane
Concen: 55.024 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

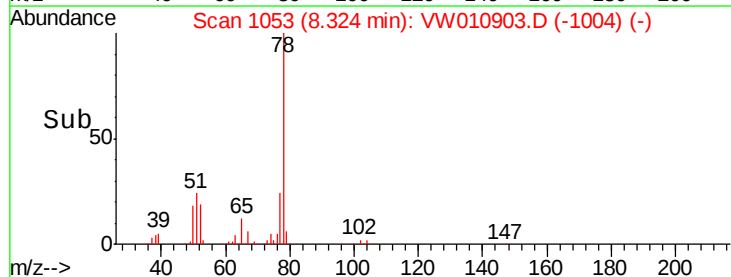
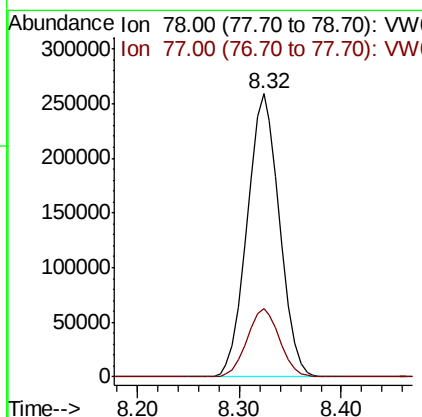
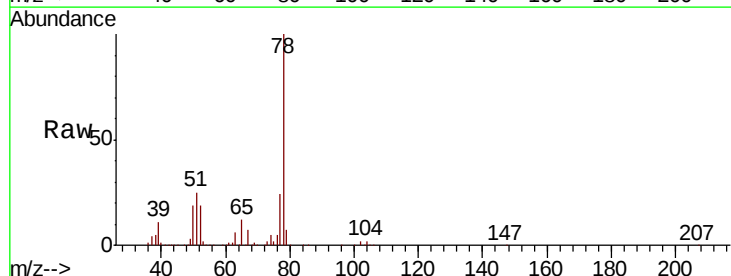
Instrument :
MSVOA_W
ClientSampleId :

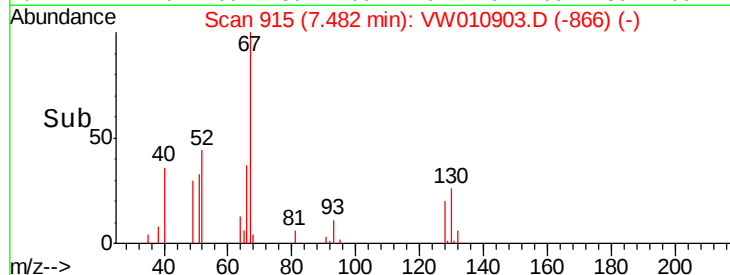
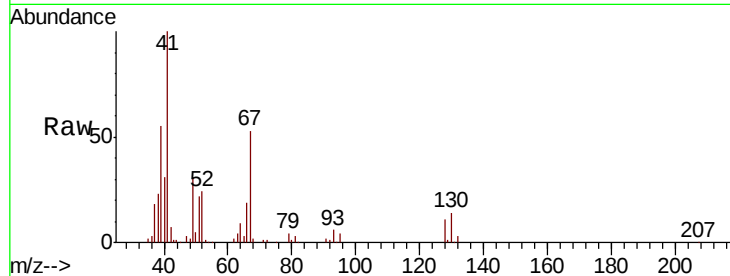
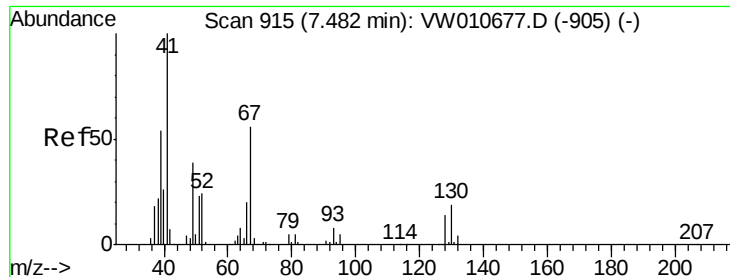
Tot Ion: 83 Resp: 242773
Ion Ratio Lower Upper
83 100
55 90.8 70.0 105.0
98 48.3 38.1 57.1



#40
Benzene
Concen: 60.280 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion: 78 Resp: 570759
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

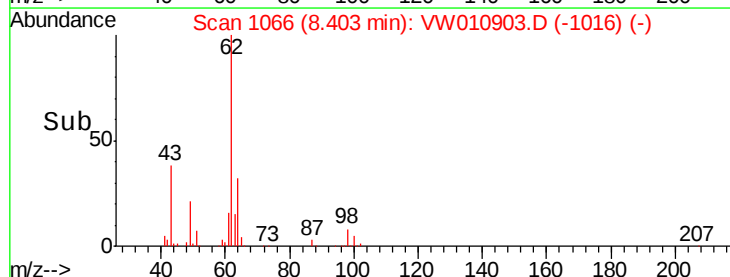
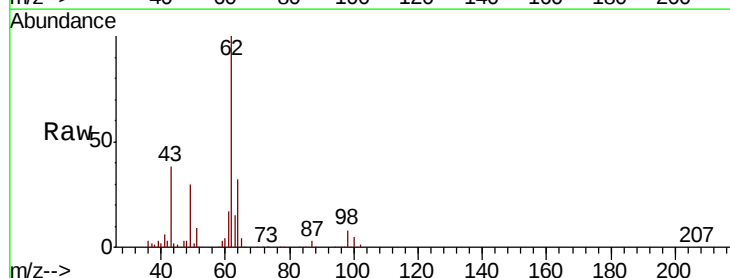
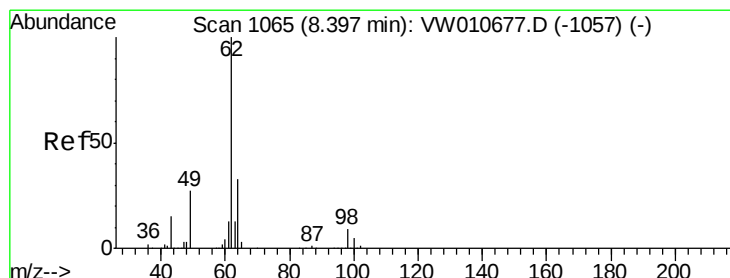
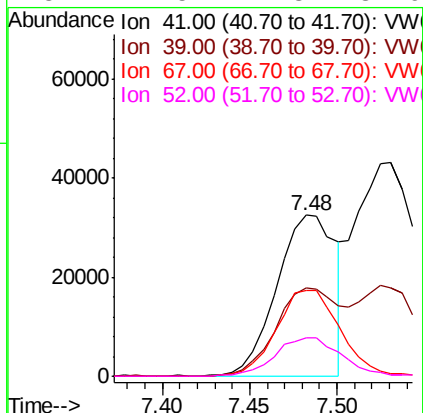




#41
Methacrylonitrile
Concen: 66.100 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

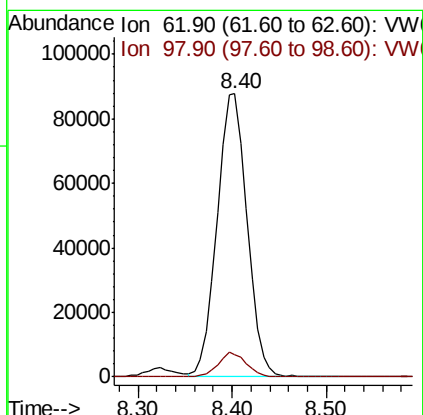
Instrument :
MSVOA_W
ClientSampled :

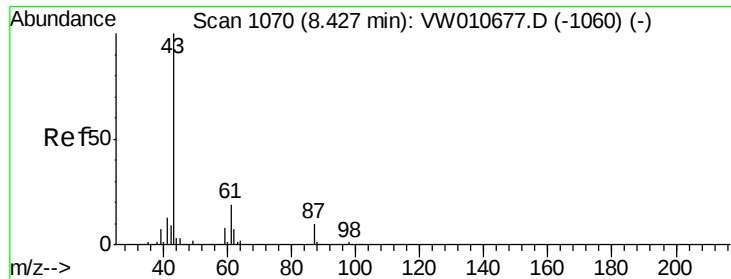
Tot Ion:	41	Resp:	75566
Ion	Ratio	Lower	Upper
41	100		
39	62.2	47.3	70.9
67	58.8	47.2	70.8
52	27.5	21.3	31.9



#42
1,2-Dichloroethane
Concen: 64.569 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion:	62	Resp:	194036
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2

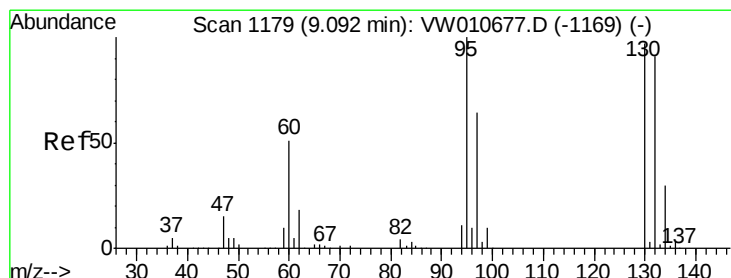
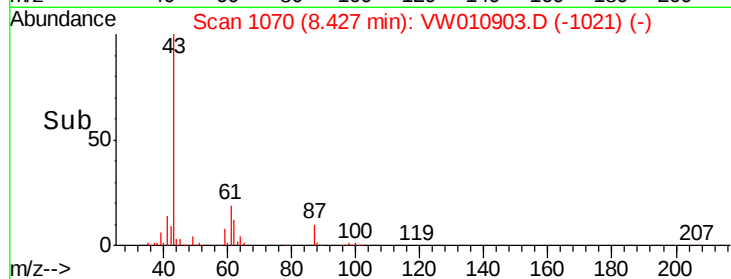
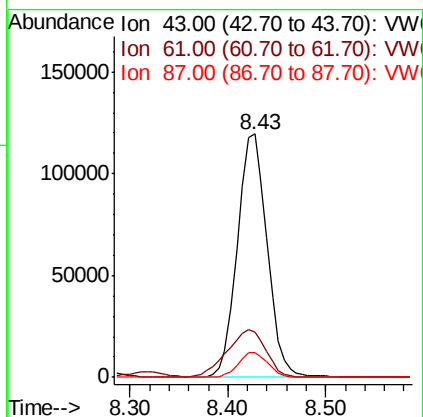
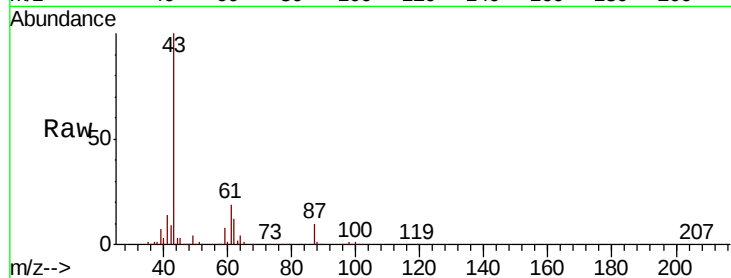




#43
Isopropyl Acetate
Concen: 67.790 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

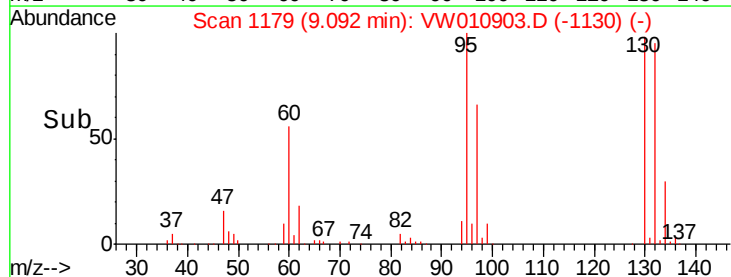
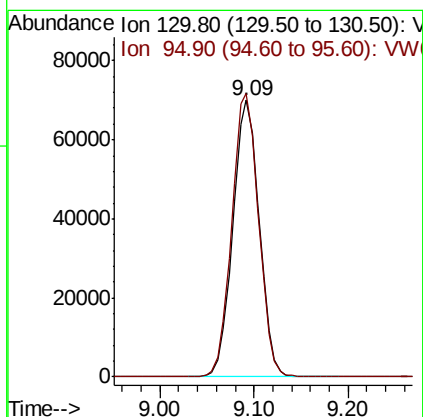
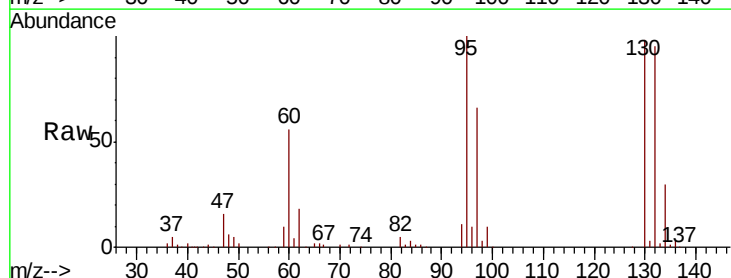
Instrument :
MSVOA_W
ClientSampleId :

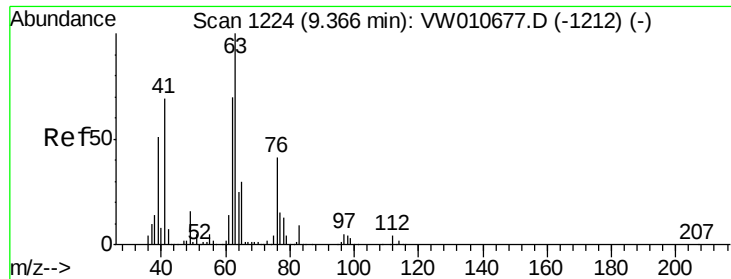
Tot Ion: 43 Resp: 251889
Ion Ratio Lower Upper
43 100
61 25.7 21.2 31.8
87 10.2 8.3 12.5



#44
Trichloroethene
Concen: 58.377 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion: 130 Resp: 136349
Ion Ratio Lower Upper
130 100
95 102.2 0.0 207.0

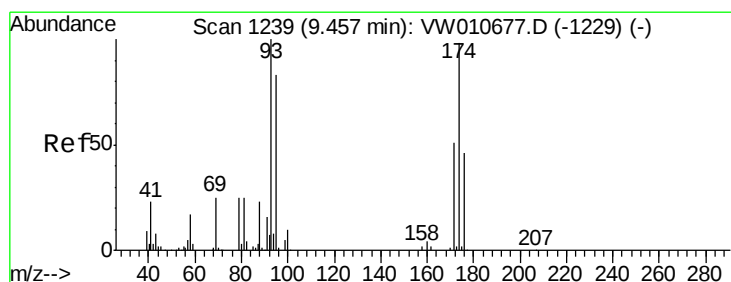
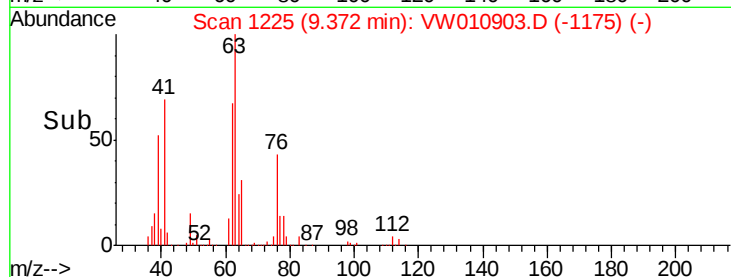
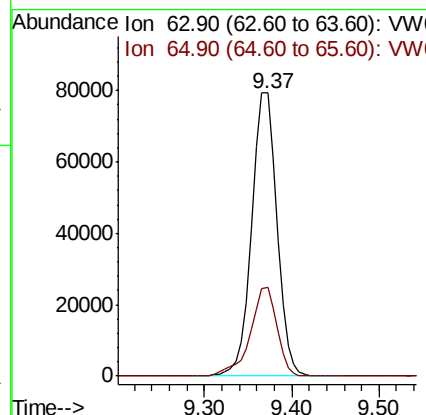
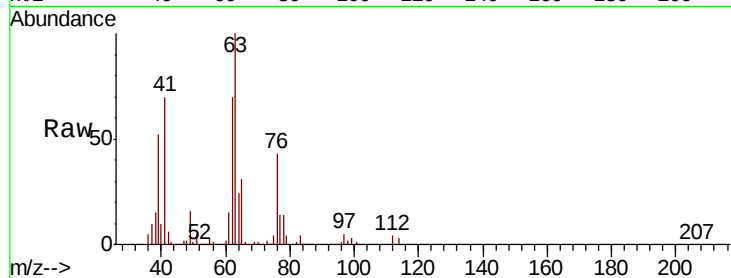




#45
 1,2-Dichloropropane
 Concen: 63.410 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW010903.D
 Acq: 20 Jun 2019 20:51

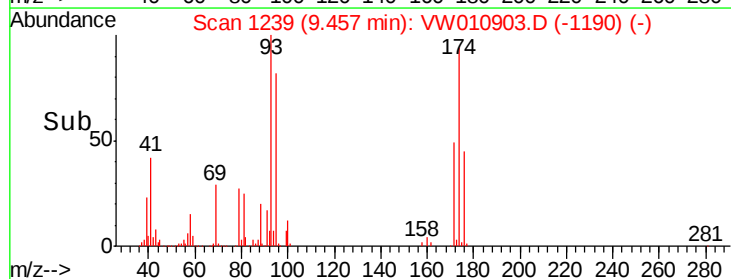
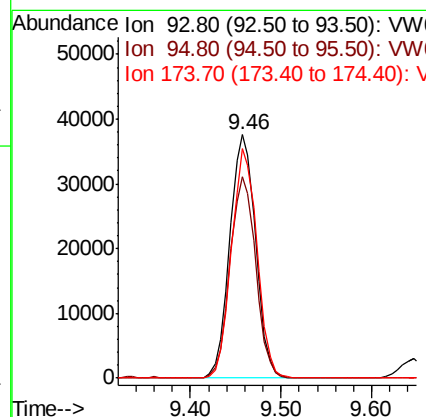
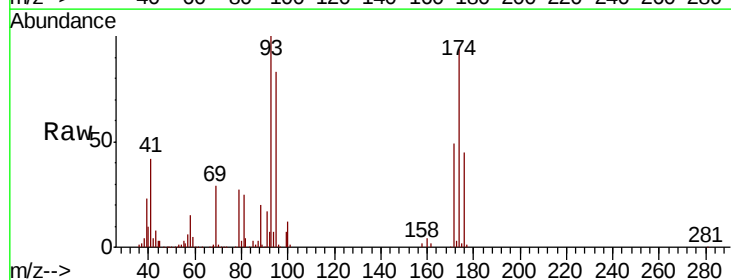
Instrument :
 MSVOA_W
 ClientSampled :

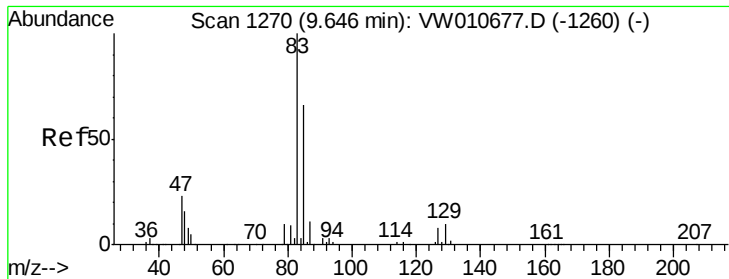
Tot Ion: 63 Resp: 158934
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.8 35.6



#46
 Dibromomethane
 Concen: 63.827 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW010903.D
 Acq: 20 Jun 2019 20:51

Tgt Ion: 93 Resp: 74306
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.8 98.8
 174 93.0 77.4 116.0

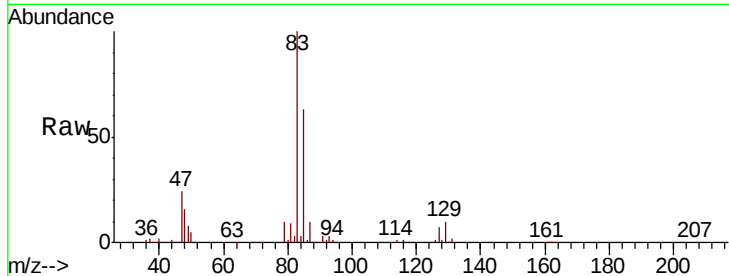




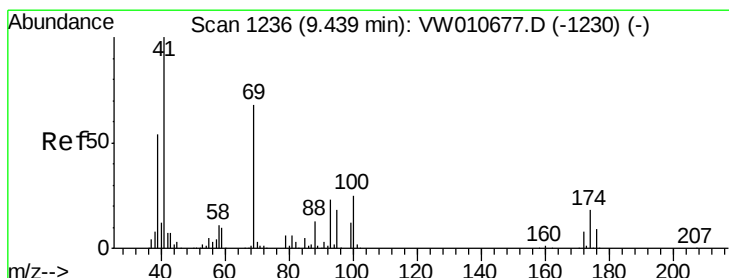
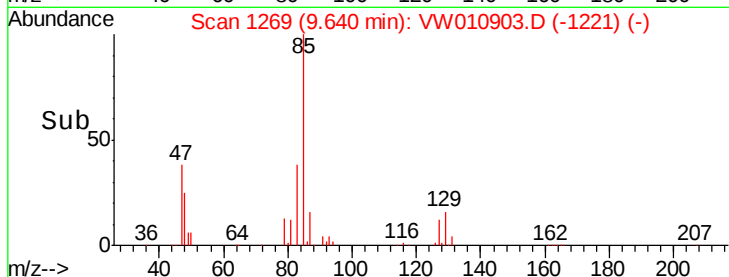
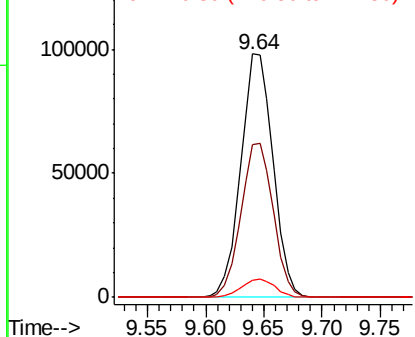
#47
Bromodichloromethane
Concen: 62.860 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 189694
Ion Ratio Lower Upper
83 100
85 62.6 53.0 79.4
127 7.2 6.4 9.6

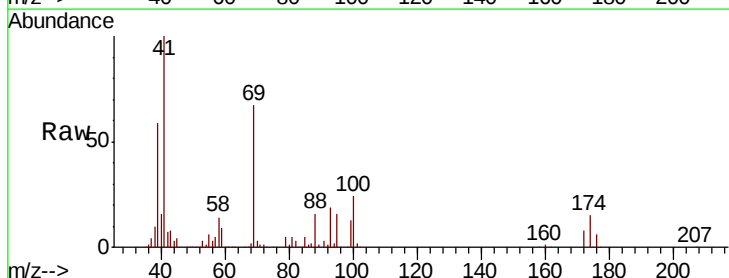


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

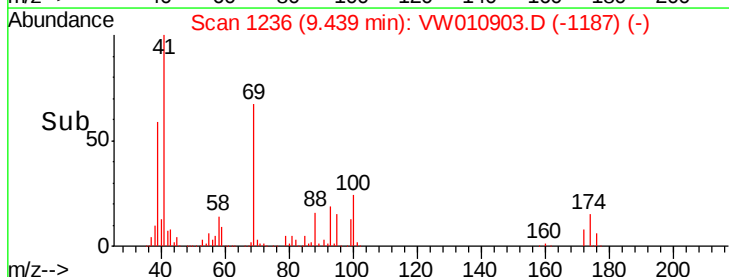
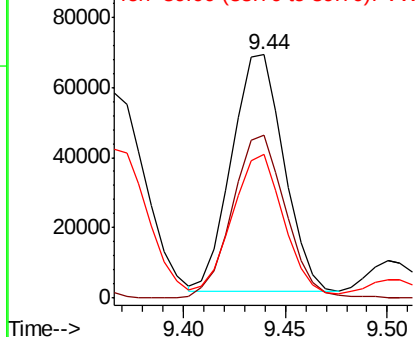


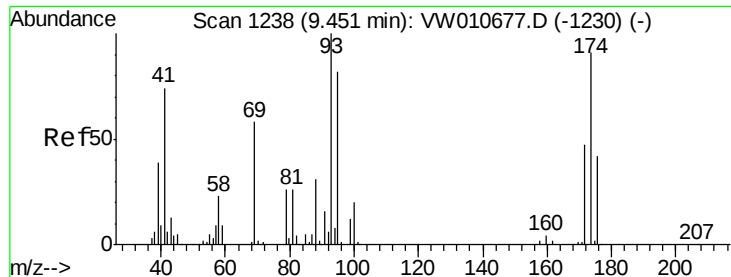
#48
Methyl methacrylate
Concen: 66.980 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion: 41 Resp: 119995
Ion Ratio Lower Upper
41 100
69 70.6 56.6 85.0
39 61.2 44.4 66.6



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





#49

1,4-Dioxane

Concen: 1347.376 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

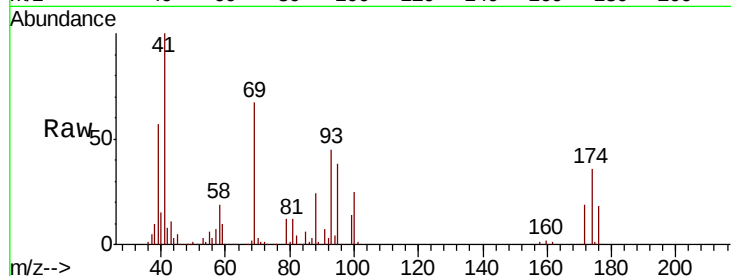
Tot Ion: 88 Resp: 24524

Ion Ratio Lower Upper

88 100

43 43.4 34.2 51.4

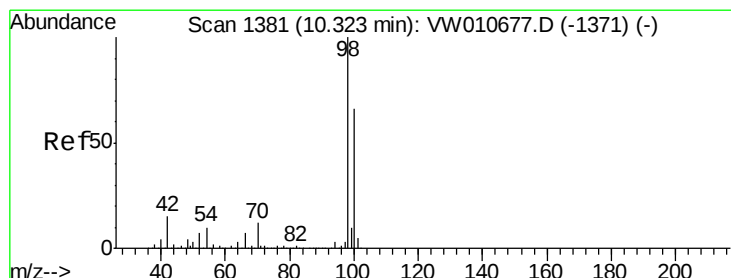
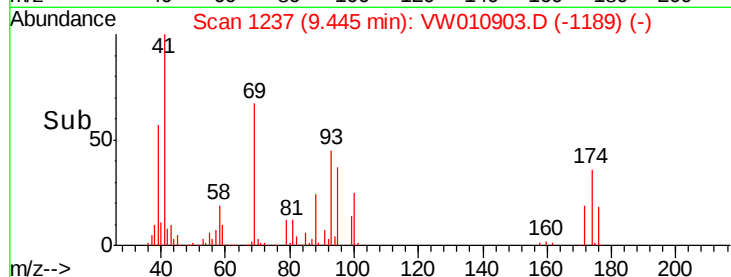
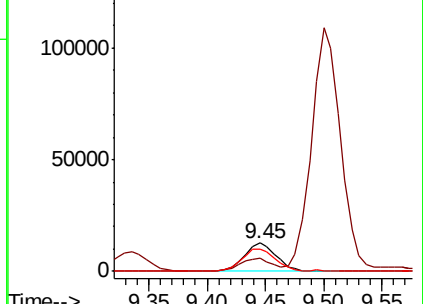
58 83.2 69.0 103.4



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: 56.468 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010903.D

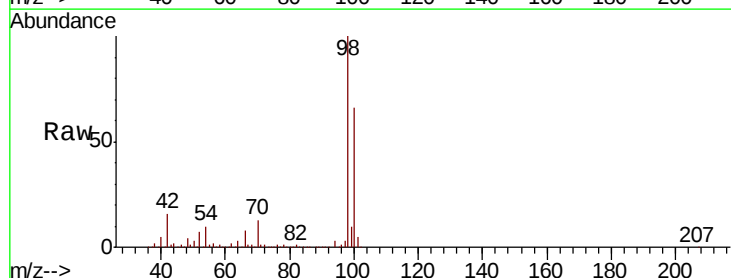
Acq: 20 Jun 2019 20:51

Tgt Ion: 98 Resp: 455722

Ion Ratio Lower Upper

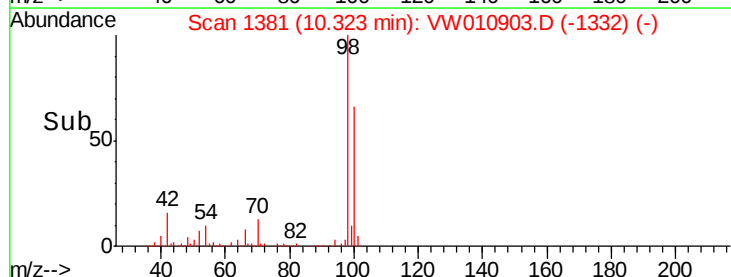
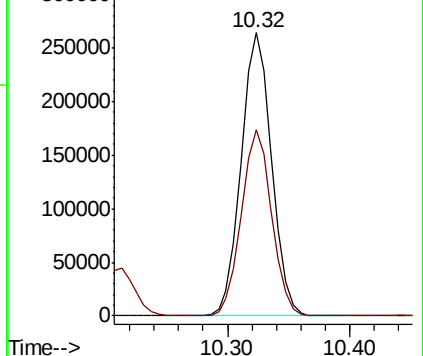
98 100

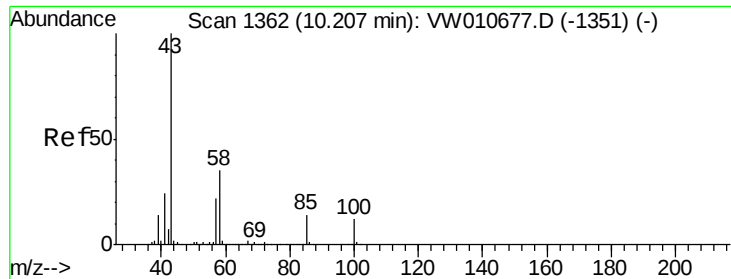
100 65.3 53.0 79.6



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: 352.294 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

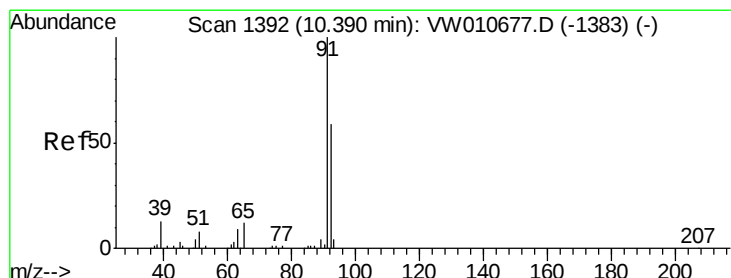
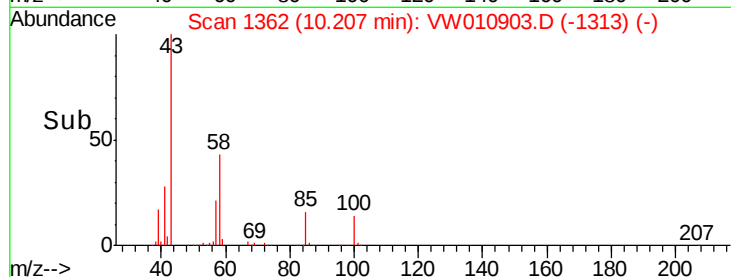
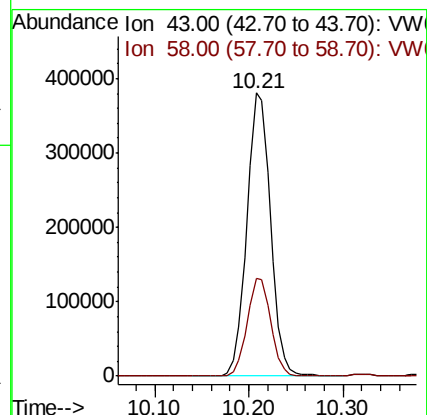
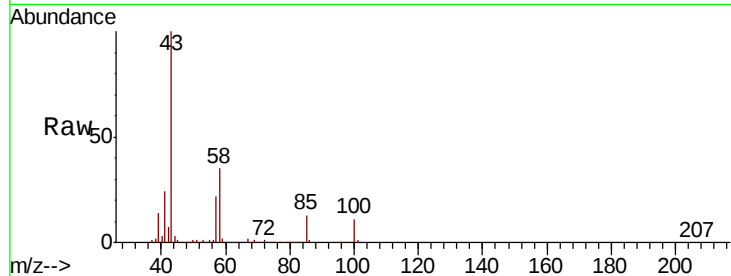
ClientSampled :

Tot Ion: 43 Resp: 668740

Ion Ratio Lower Upper

43 100

58 34.6 28.4 42.6



#52

Toluene

Concen: 60.646 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010903.D

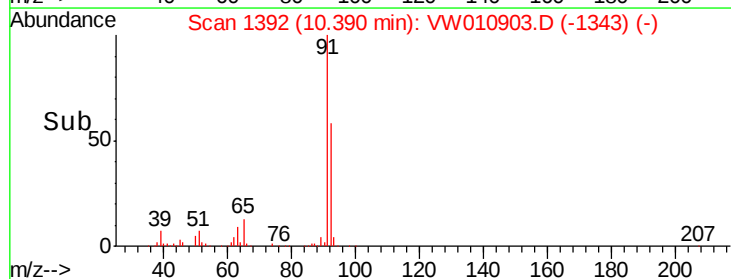
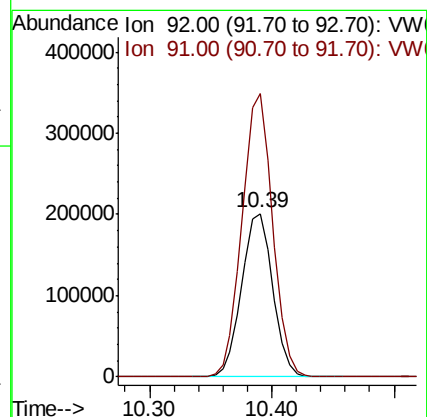
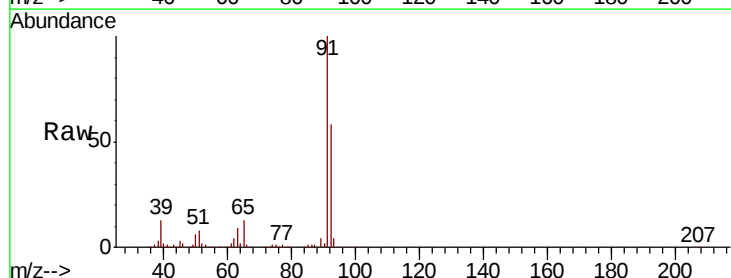
Acq: 20 Jun 2019 20:51

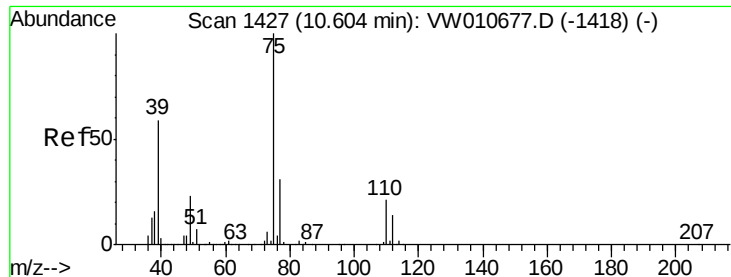
Tgt Ion: 92 Resp: 353309

Ion Ratio Lower Upper

92 100

91 171.3 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 62.706 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

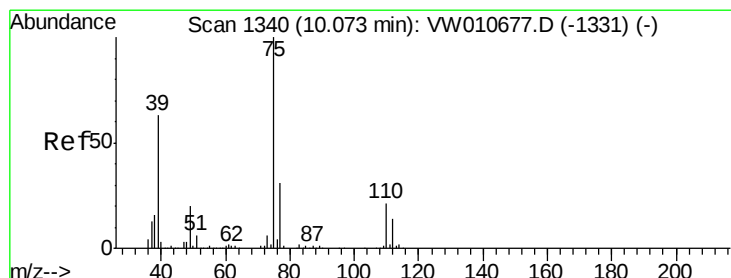
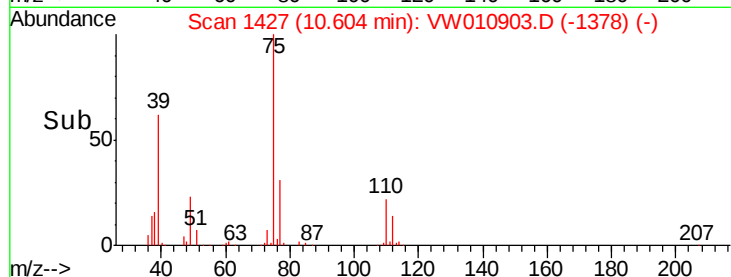
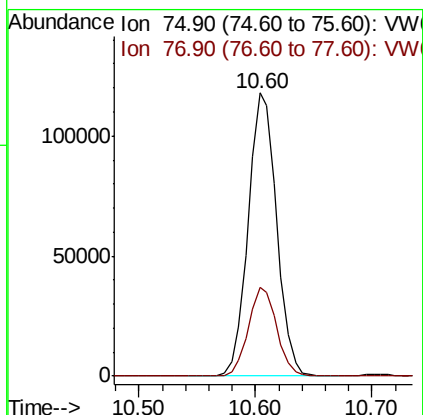
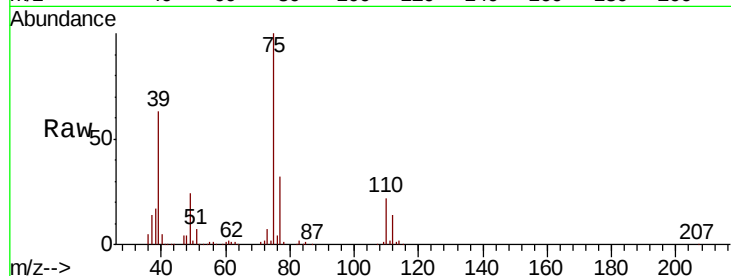
ClientSampled :

Tot Ion: 75 Resp: 200432

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 61.952 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

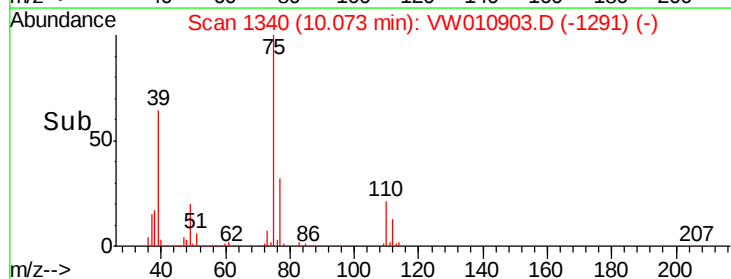
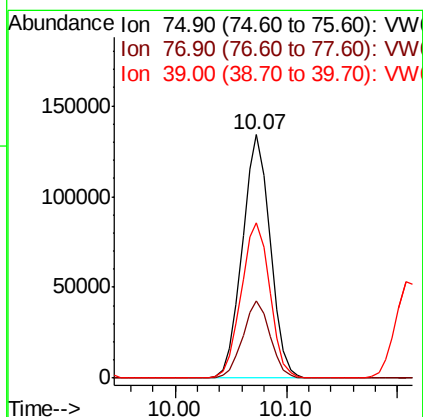
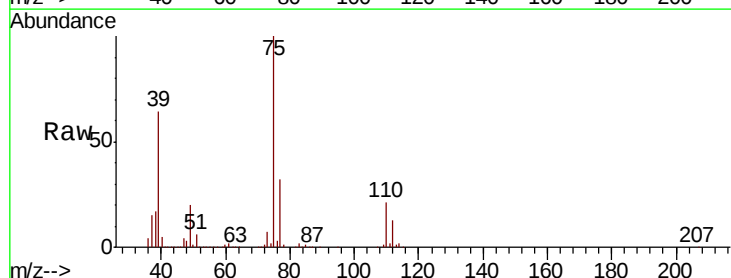
Tgt Ion: 75 Resp: 233015

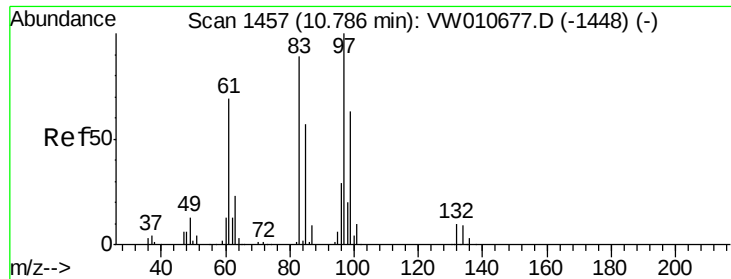
Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 63.7 50.1 75.1

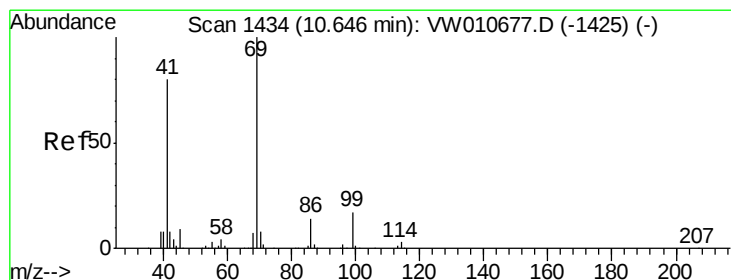
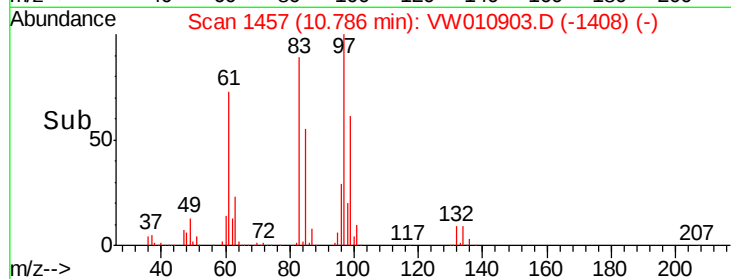
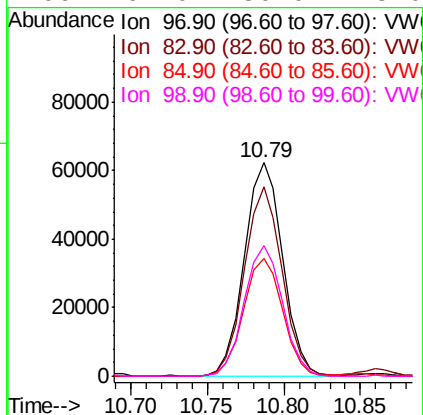
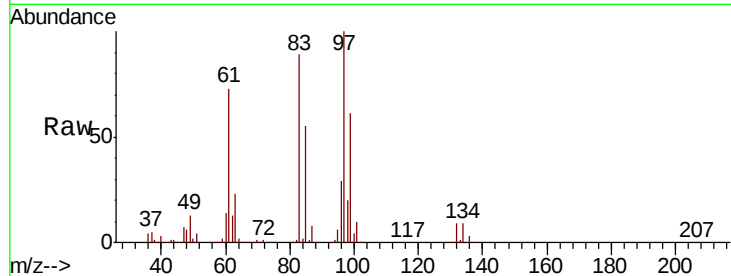




#55
 1,1,2-Trichloroethane
 Concen: 64.859 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010903.D
 Acq: 20 Jun 2019 20:51

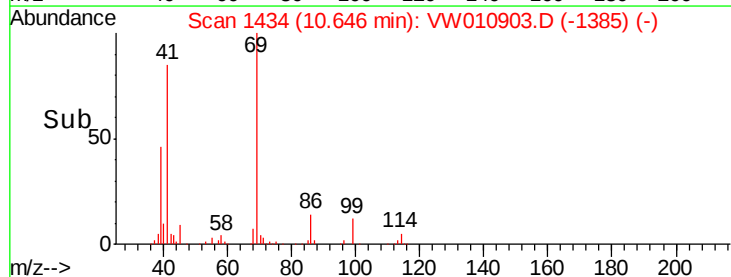
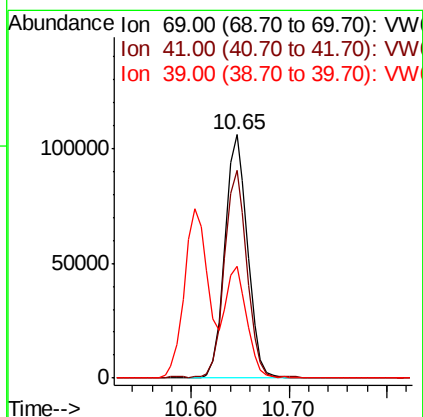
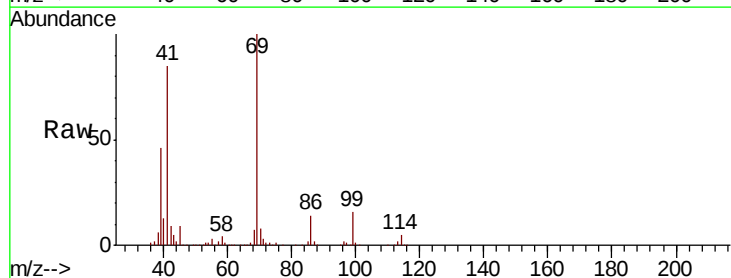
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	108776
Ion	Ratio	Lower	Upper
97	100		
83	88.8	71.1	106.7
85	55.1	45.2	67.8
99	61.0	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 65.865 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010903.D
 Acq: 20 Jun 2019 20:51

Tgt Ion:	69	Resp:	169973
Ion	Ratio	Lower	Upper
69	100		
41	84.3	64.8	97.2
39	42.3	32.2	48.2





#57

1,3-Dichloropropane

Concen: 65.120 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

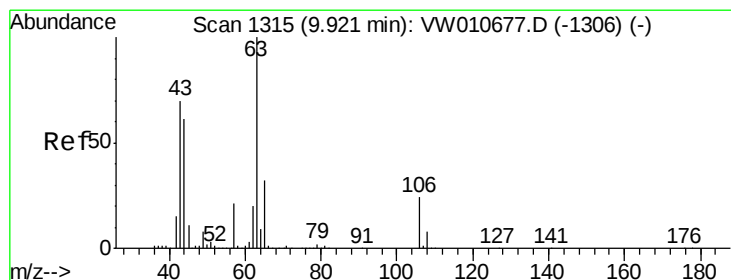
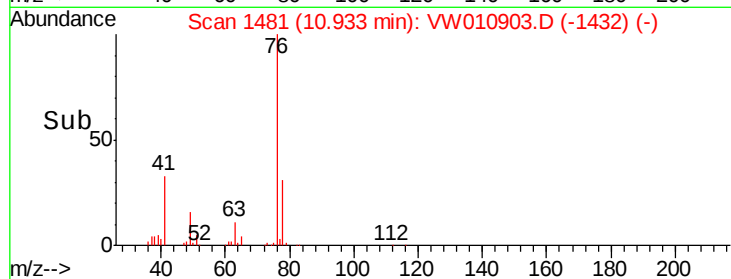
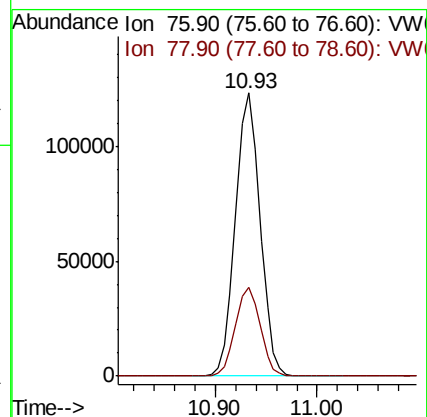
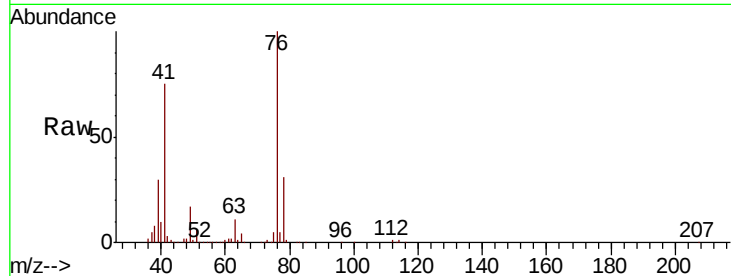
ClientSampled :

Tot Ion: 76 Resp: 205817

Ion Ratio Lower Upper

76 100

78 31.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 300.987 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VW010903.D

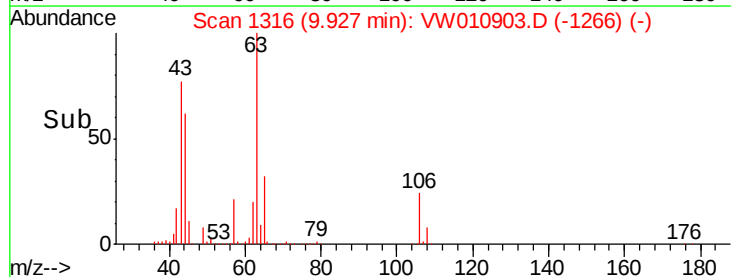
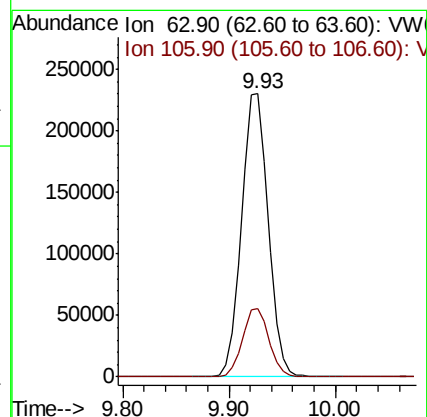
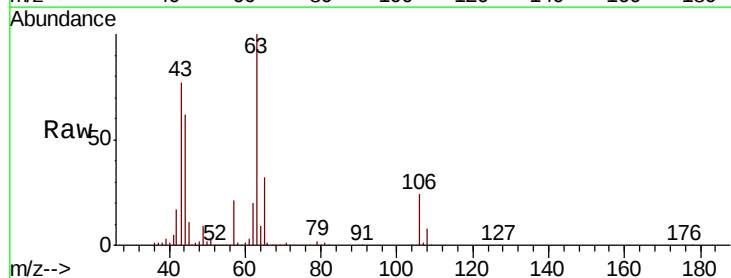
Acq: 20 Jun 2019 20:51

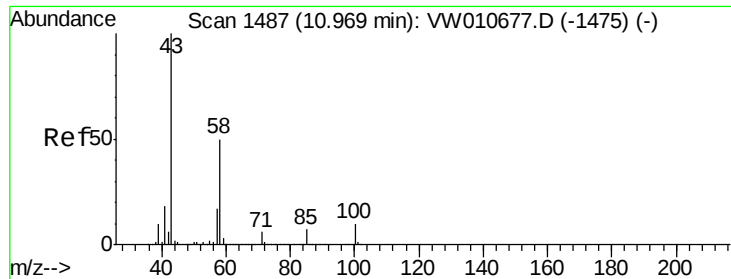
Tgt Ion: 63 Resp: 406837

Ion Ratio Lower Upper

63 100

106 23.9 20.1 30.1





#59

2-Hexanone

Concen: 346.631 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

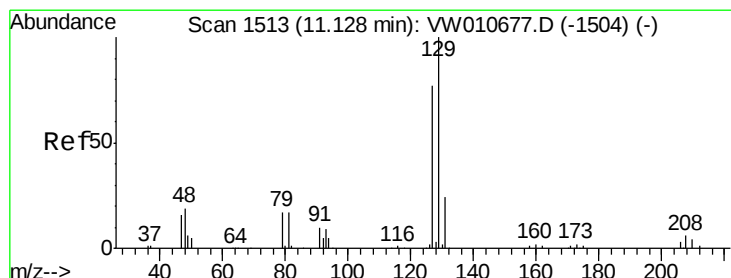
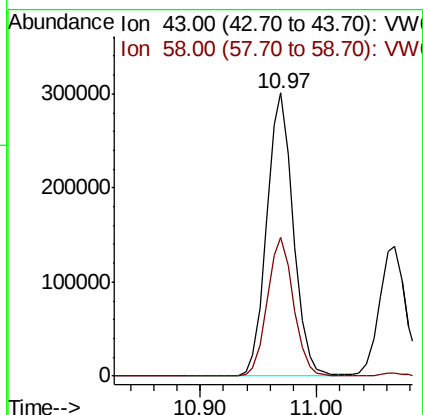
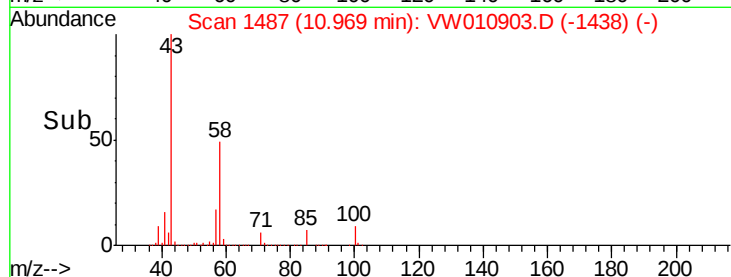
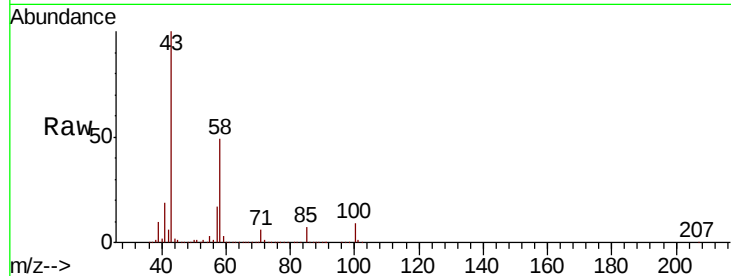
ClientSampleId :

Tot Ion: 43 Resp: 475544

Ion Ratio Lower Upper

43 100

58 48.6 24.9 74.6



#60

Dibromochloromethane

Concen: 62.992 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW010903.D

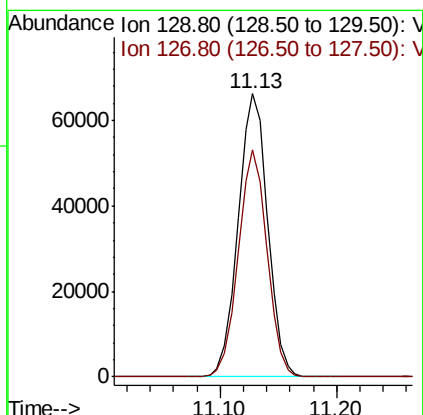
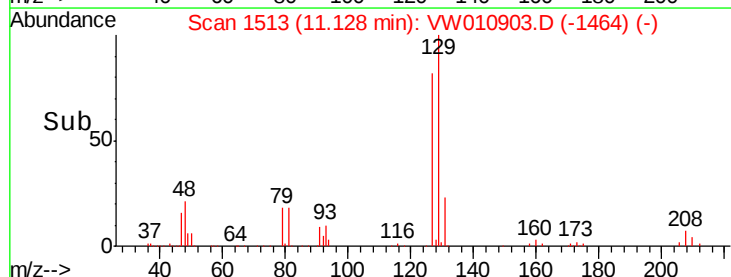
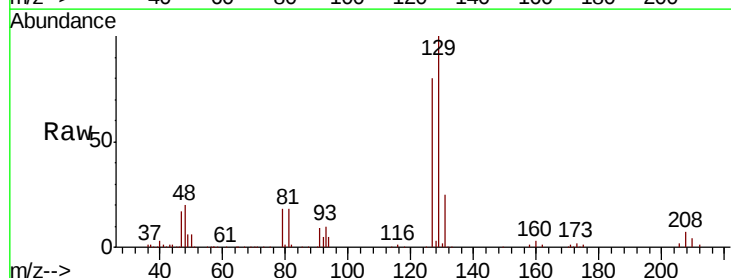
Acq: 20 Jun 2019 20:51

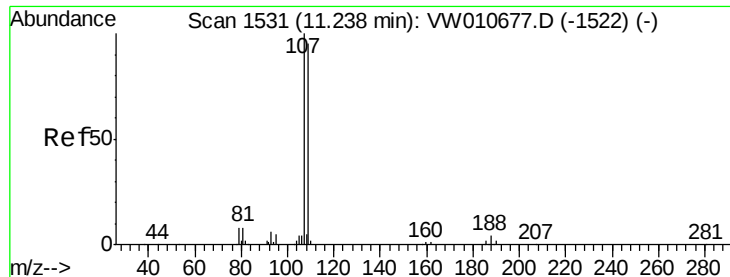
Tgt Ion: 129 Resp: 117111

Ion Ratio Lower Upper

129 100

127 78.1 38.6 116.0

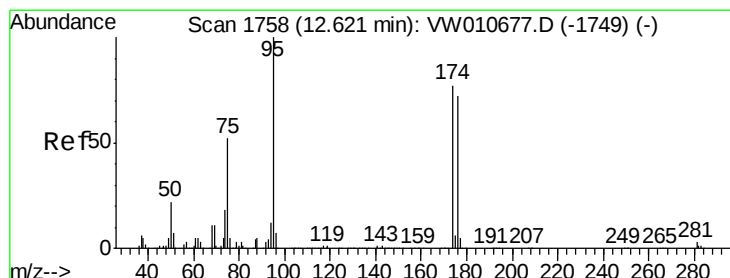
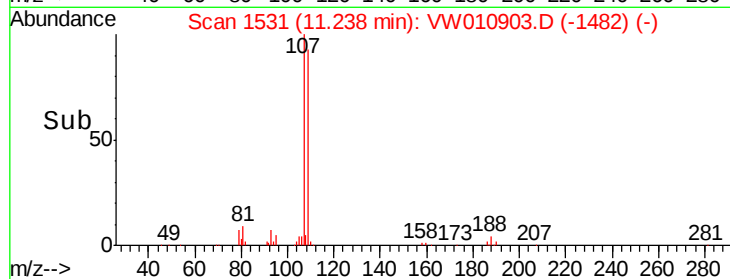
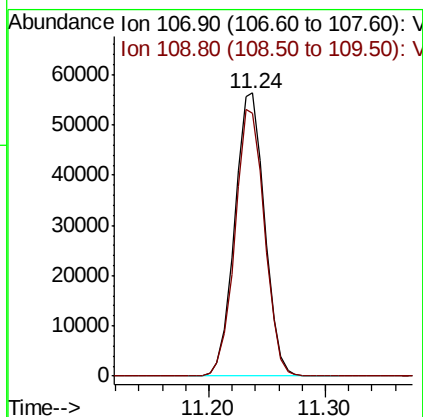
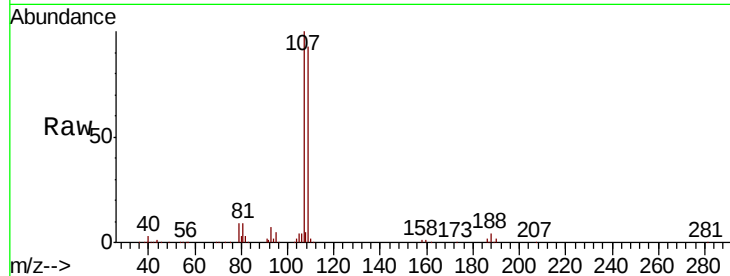




#61
 1,2-Dibromoethane
 Concen: 63.362 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010903.D
 Acq: 20 Jun 2019 20:51

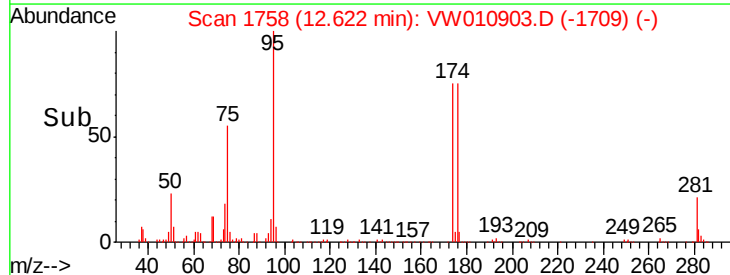
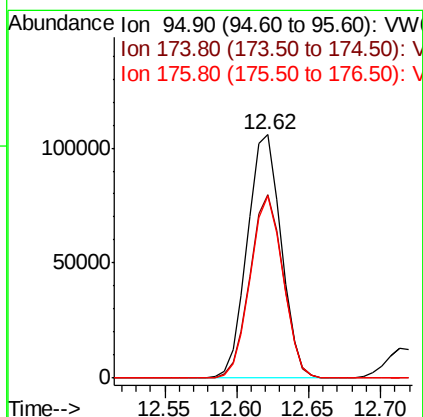
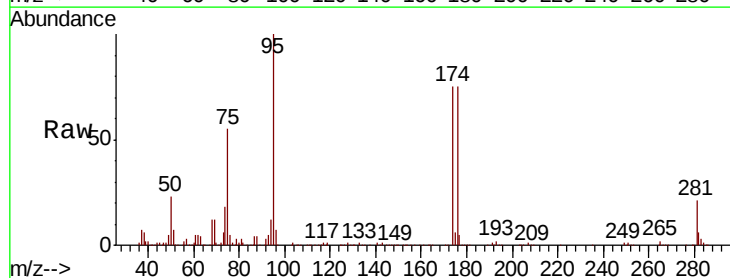
Instrument :
 MSVOA_W
 ClientSampleId :

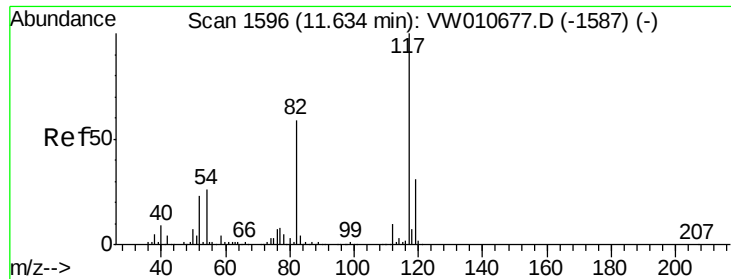
Tot Ion: 107 Resp: 100682
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 58.682 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010903.D
 Acq: 20 Jun 2019 20:51

Tgt Ion: 95 Resp: 172331
 Ion Ratio Lower Upper
 95 100
 174 73.8 0.0 150.4
 176 72.1 0.0 144.8

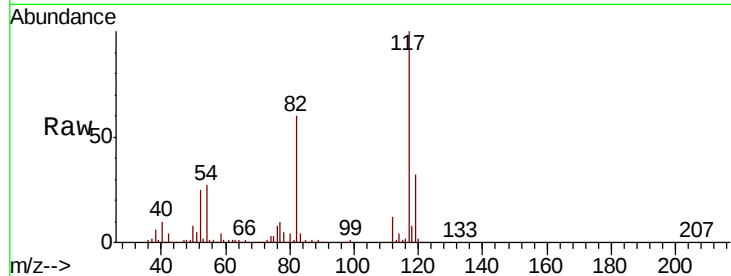




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.0	70.4
119	32.5	25.1	37.7

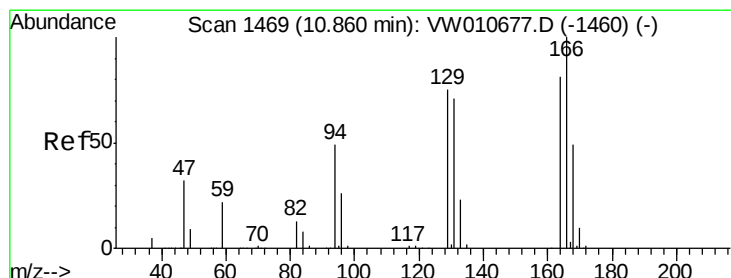
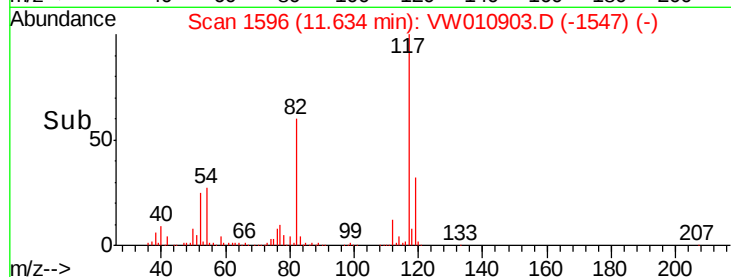
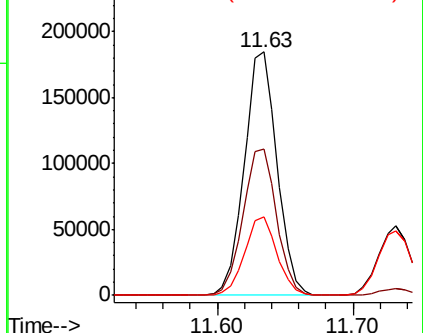


Abundance

Ion 116.90 (116.60 to 117.60): V

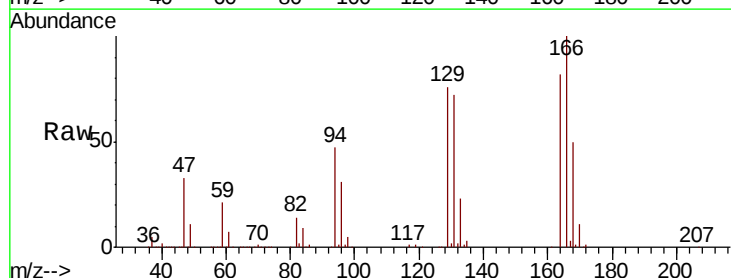
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 61.269 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.0	99.2	148.8
129	92.9	74.6	112.0
131	88.2	70.2	105.4



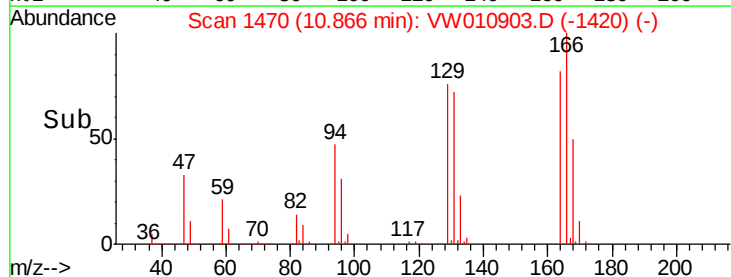
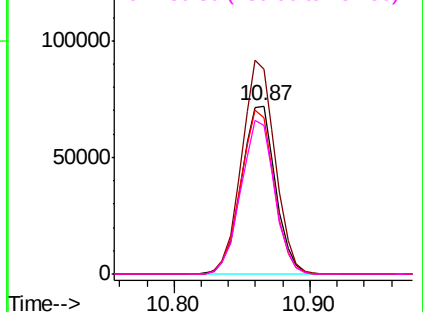
Abundance

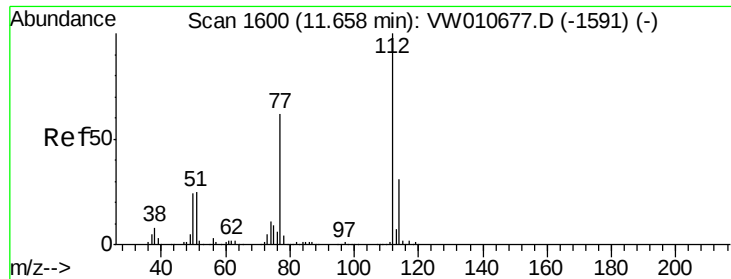
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

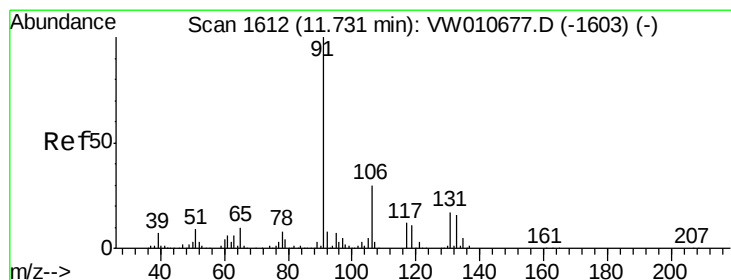
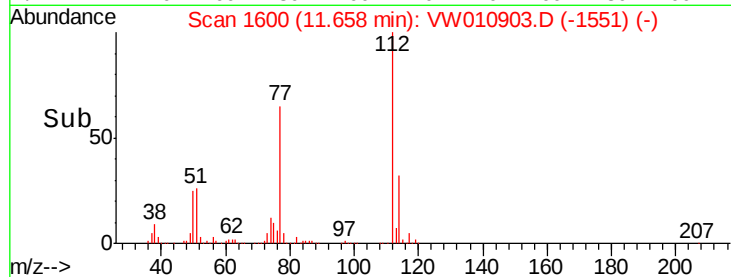
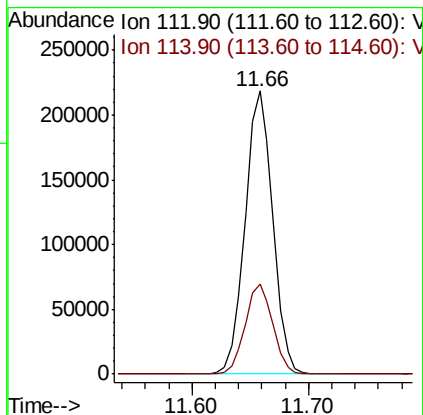
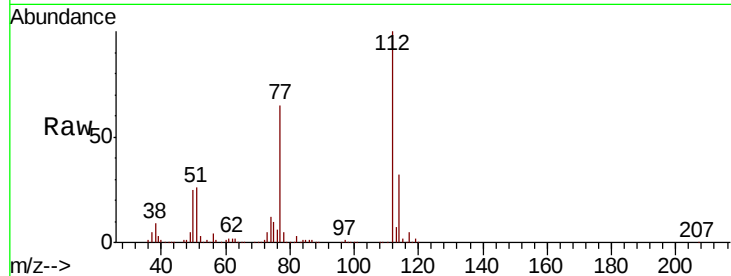




#65
Chlorobenzene
Concen: 59.274 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

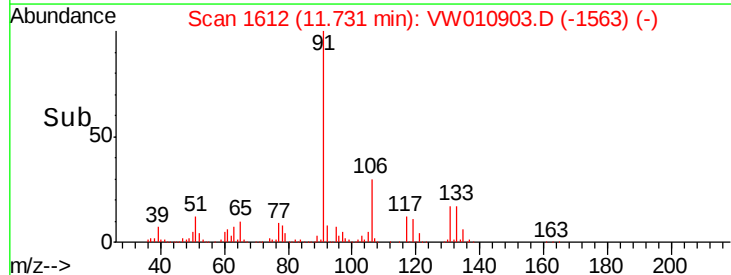
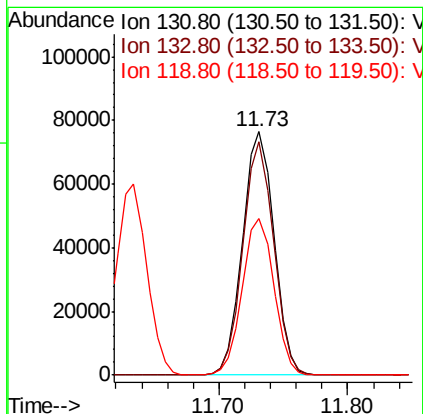
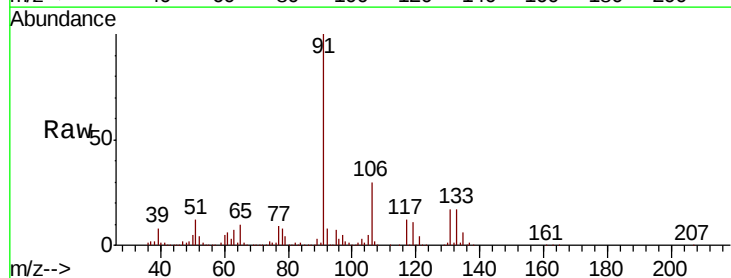
Instrument :
MSVOA_W
ClientSampleId :

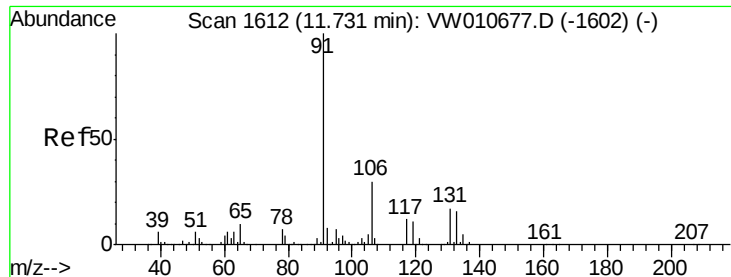
Tot Ion:112 Resp: 361764
Ion Ratio Lower Upper
112 100
114 31.9 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 61.107 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion:131 Resp: 129104
Ion Ratio Lower Upper
131 100
133 93.5 47.3 141.9
119 64.9 32.4 97.0

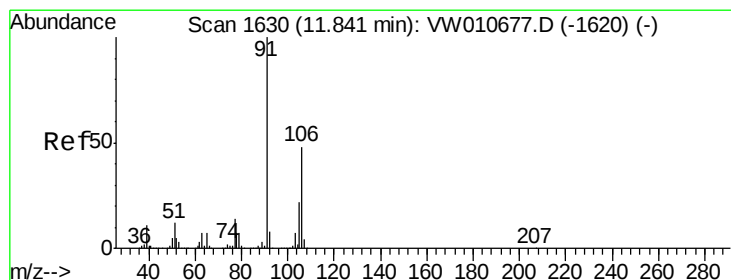
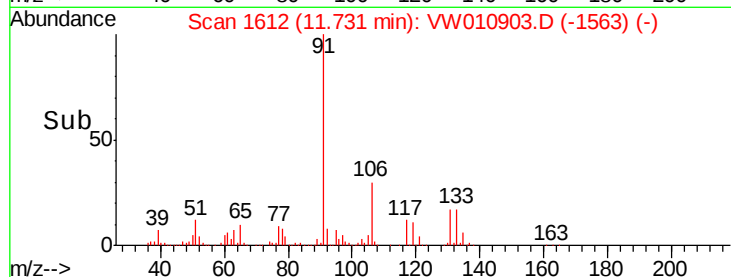
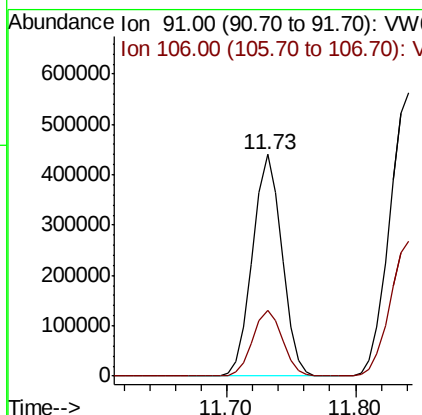
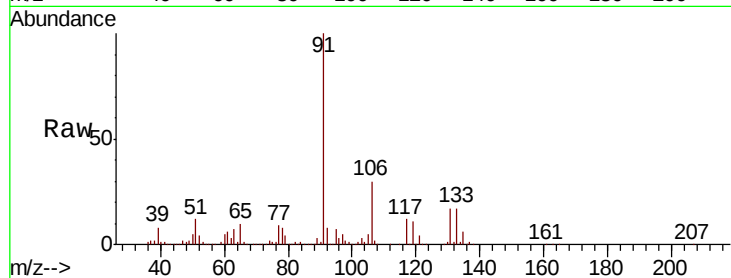




#67
Ethyl Benzene
Concen: 58.958 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

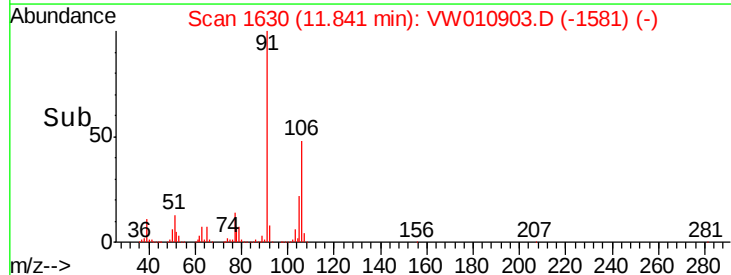
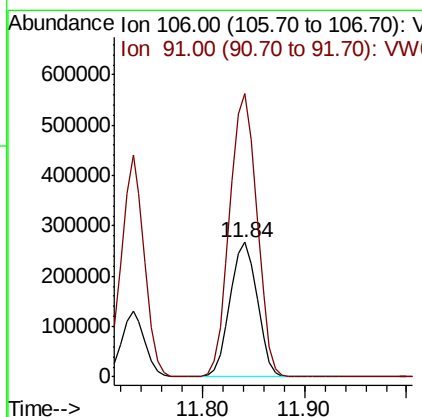
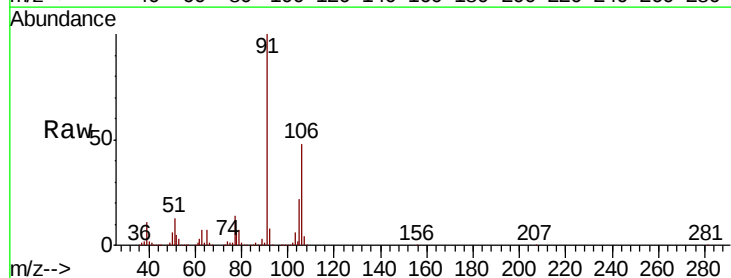
Instrument :
MSVOA_W
ClientSampled :

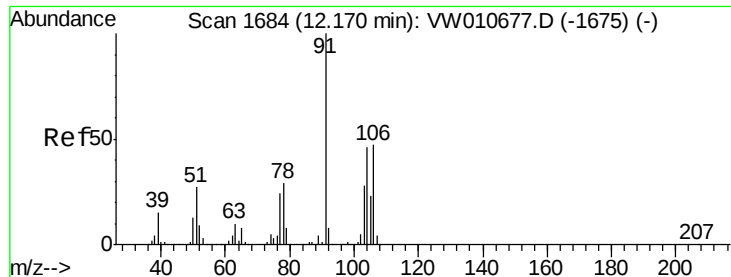
Tot Ion: 91 Resp: 691551
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.4



#68
m/p-Xylenes
Concen: 117.398 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion: 106 Resp: 492943
Ion Ratio Lower Upper
106 100
91 212.2 166.5 249.7

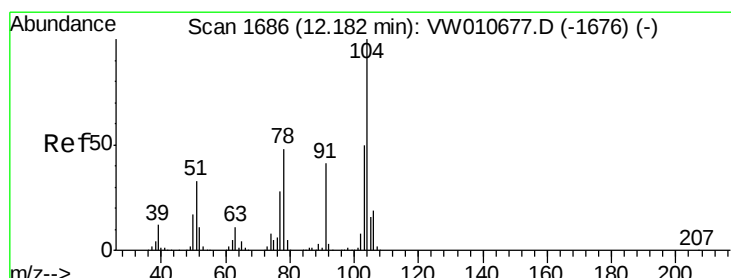
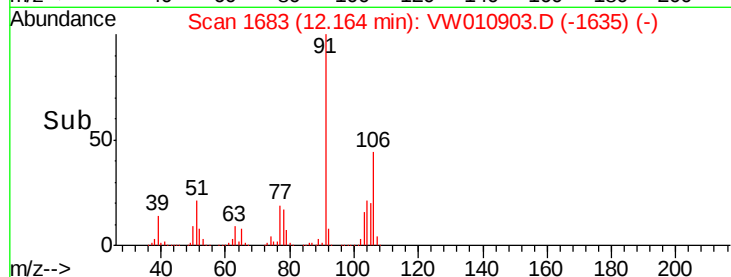
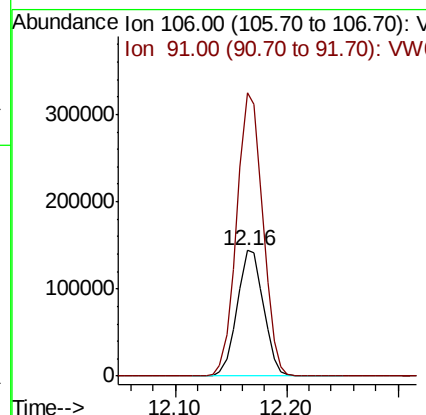
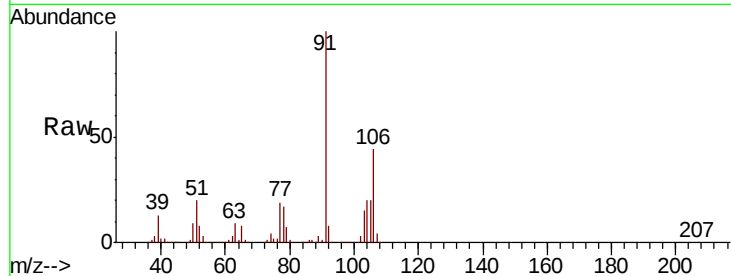




#69
o-Xylene
Concen: 59.389 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

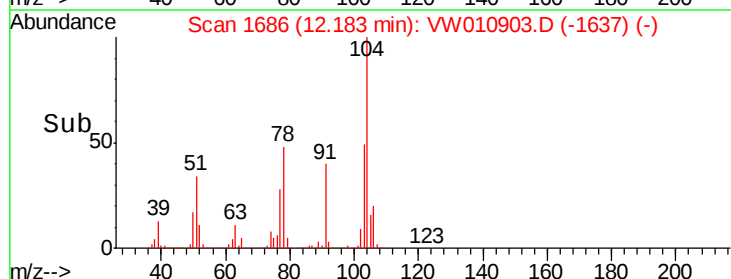
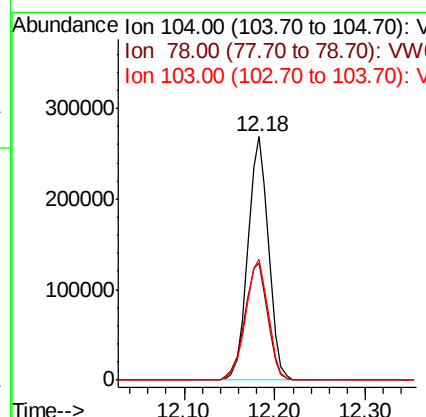
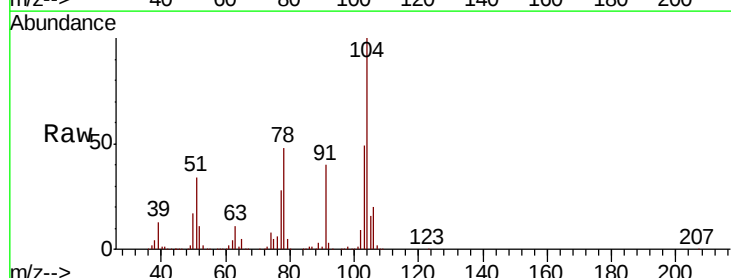
Instrument :
MSVOA_W
ClientSampled :

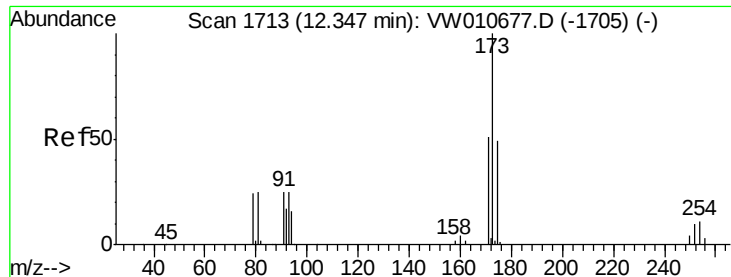
Tot Ion:106 Resp: 236507
Ion Ratio Lower Upper
106 100
91 223.2 108.9 326.6



#70
Styrene
Concen: 61.051 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion:104 Resp: 422342
Ion Ratio Lower Upper
104 100
78 53.7 42.7 64.1
103 54.0 43.6 65.4





#71

Bromoform

Concen: 60.811 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

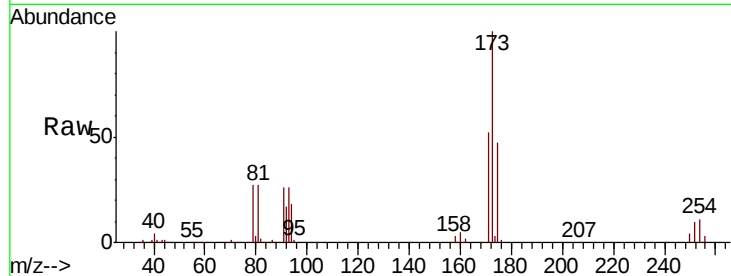
Tot Ion:173 Resp: 66447

Ion Ratio Lower Upper

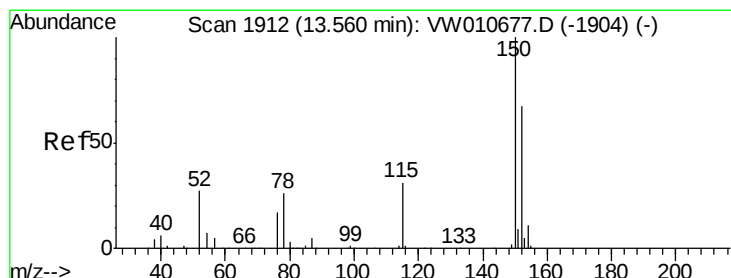
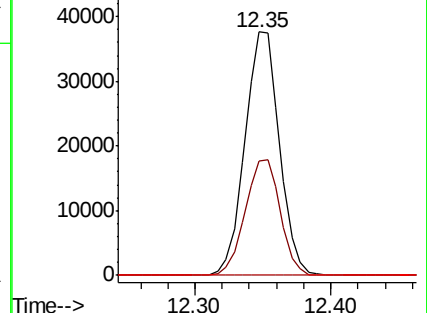
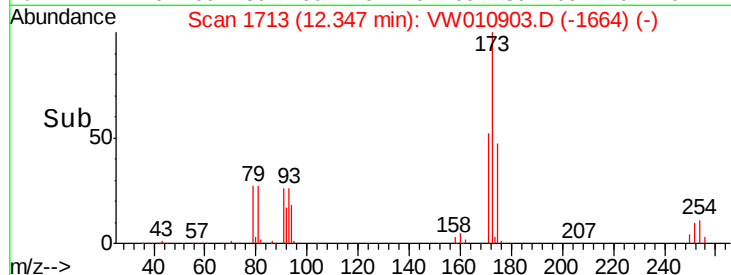
173 100

175 48.4 24.3 72.8

254 0.1 0.1 0.1#



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: VW010903.D

Acq: 20 Jun 2019 20:51

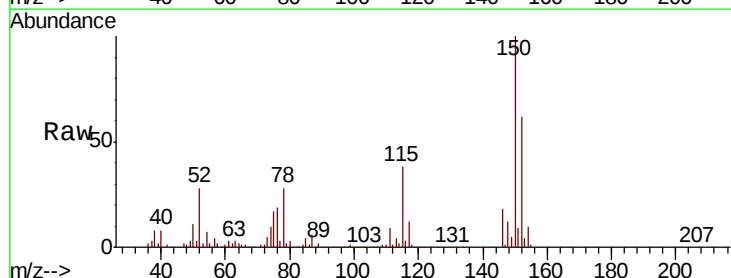
Tgt Ion:152 Resp: 150905

Ion Ratio Lower Upper

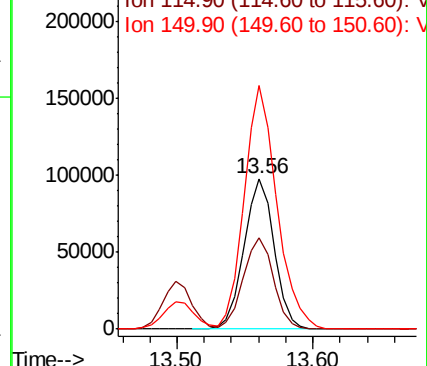
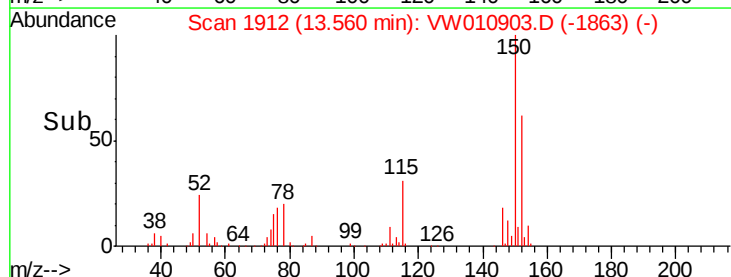
152 100

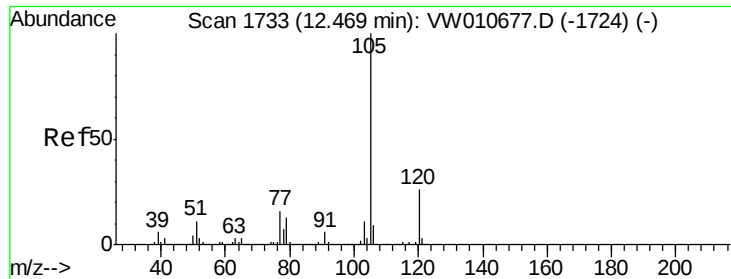
115 61.0 29.8 89.3

150 174.8 0.0 345.0



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





#73

Isopropylbenzene

Concen: 57.756 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

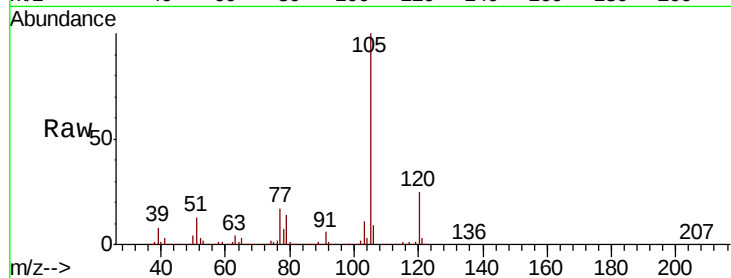
ClientSampleId :

Tot Ion:105 Resp: 654951

Ion Ratio Lower Upper

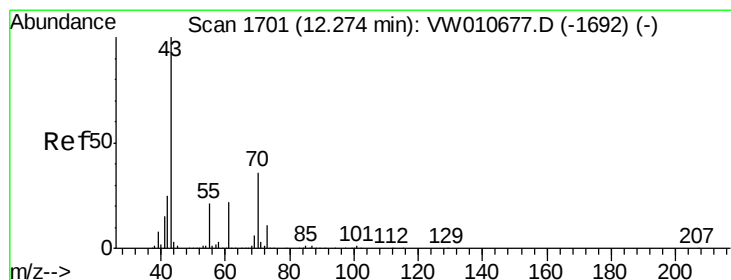
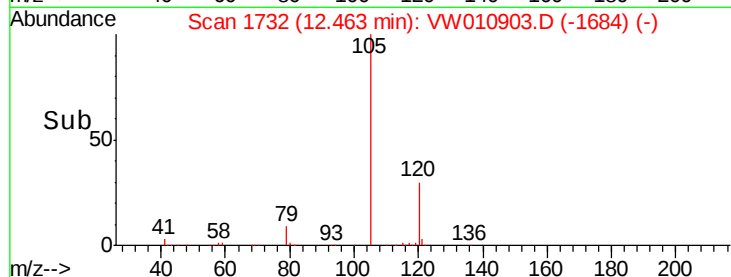
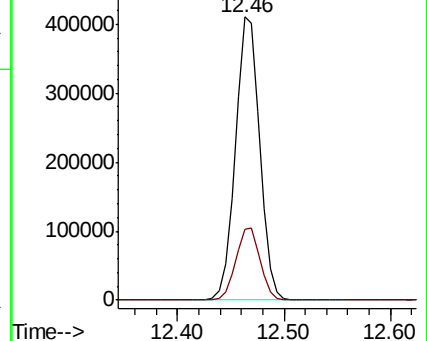
105 100

120 25.5 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 66.766 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Tgt Ion: 43 Resp: 244692

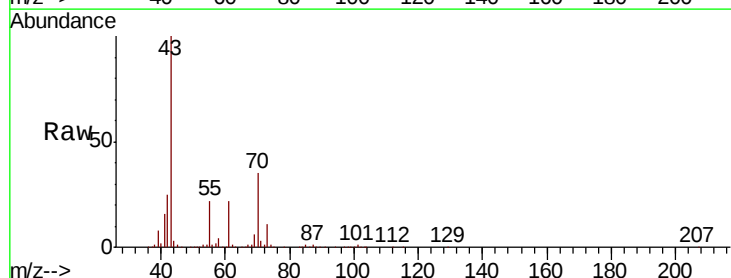
Ion Ratio Lower Upper

43 100

70 35.6 29.2 43.8

55 22.3 17.5 26.3

61 21.6 17.4 26.2

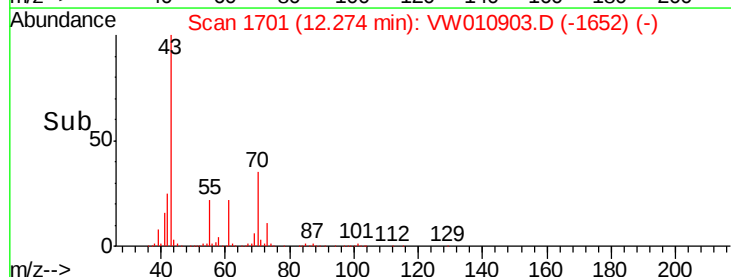
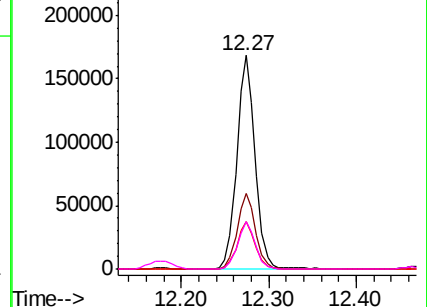


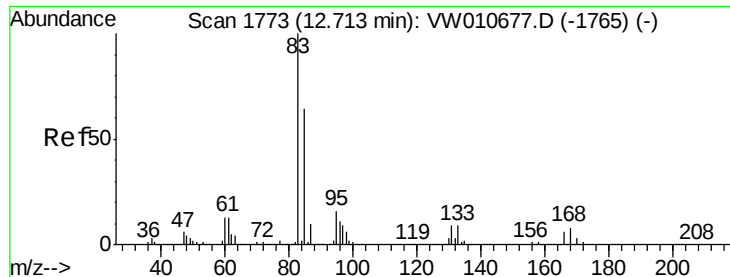
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 62.733 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

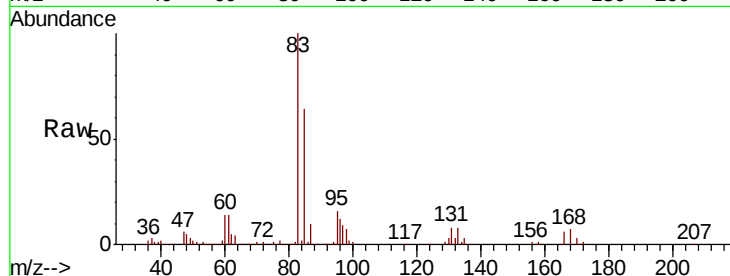
Tot Ion: 83 Resp: 135430

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

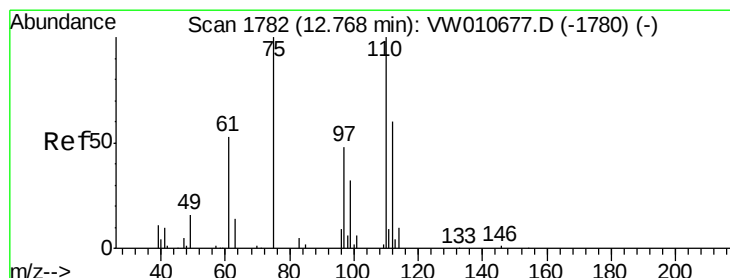
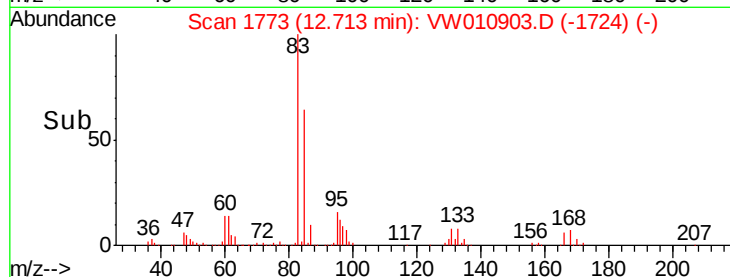
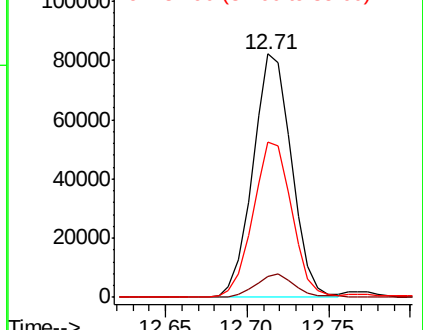
85 64.0 31.9 95.9



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: 112.541 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010903.D

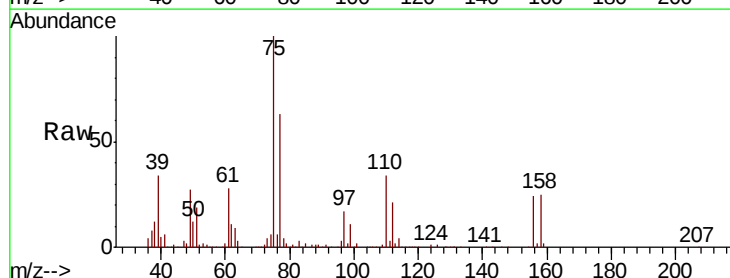
Acq: 20 Jun 2019 20:51

Tgt Ion: 75 Resp: 178345

Ion Ratio Lower Upper

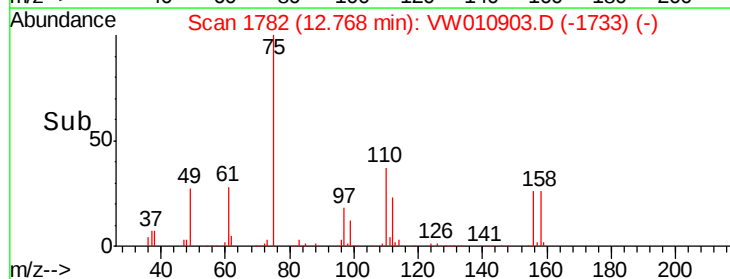
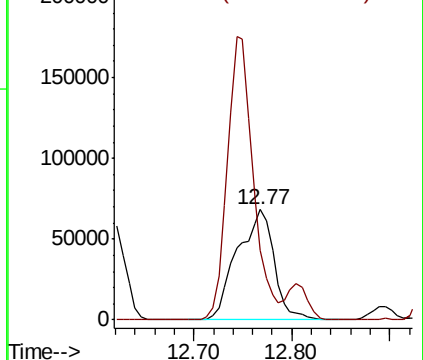
75 100

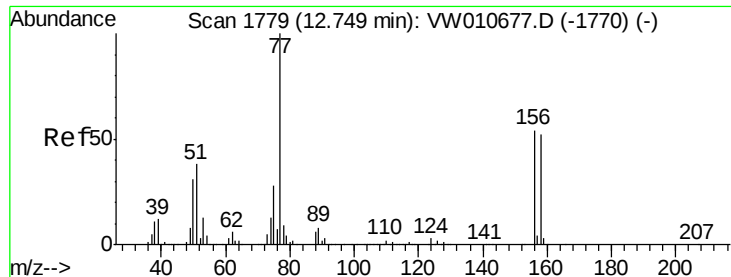
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 59.671 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

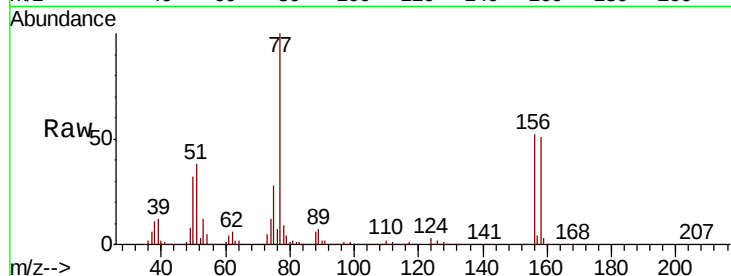
Tot Ion:156 Resp: 147706

Ion Ratio Lower Upper

156 100

77 218.3 106.5 319.4

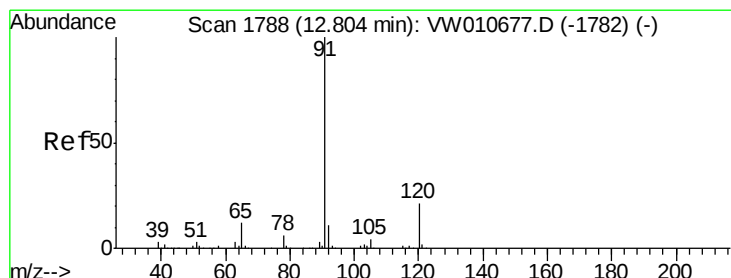
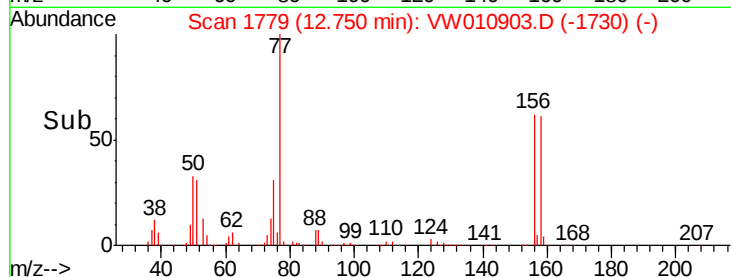
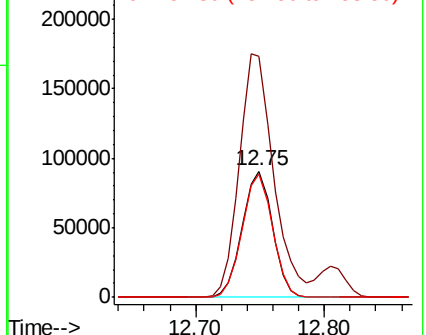
158 97.3 48.3 144.9



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: 58.485 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010903.D

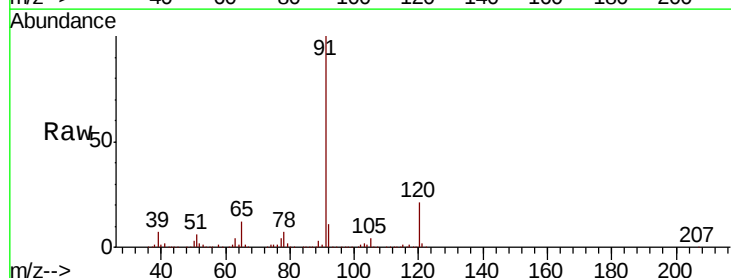
Acq: 20 Jun 2019 20:51

Tgt Ion: 91 Resp: 799712

Ion Ratio Lower Upper

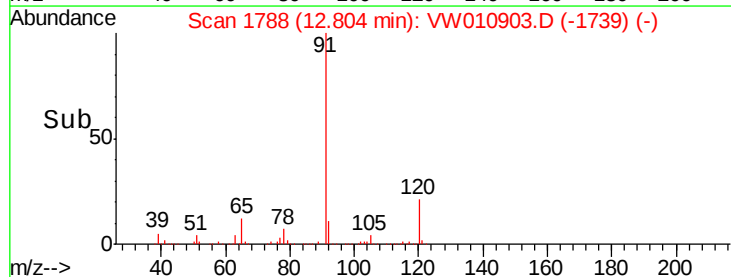
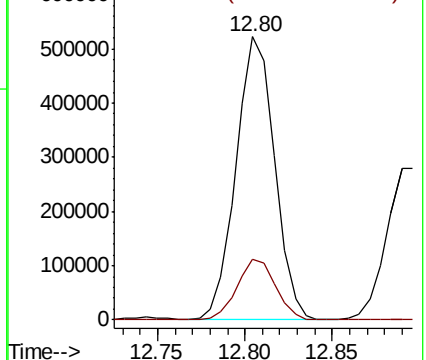
91 100

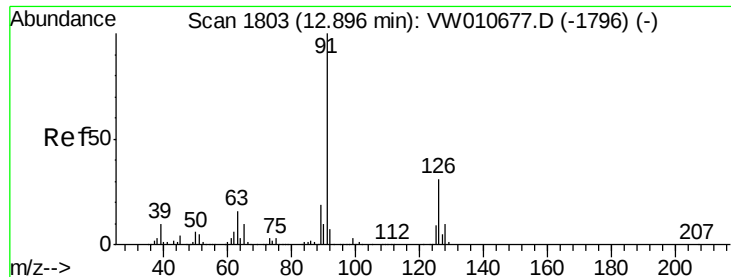
120 21.5 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

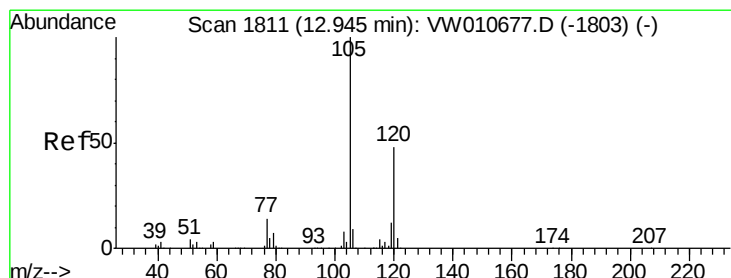
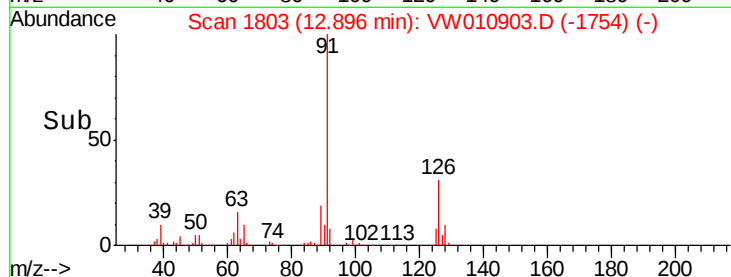
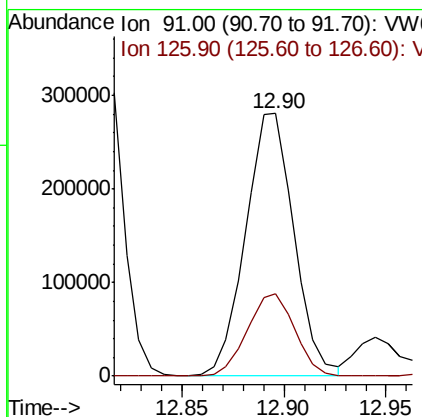
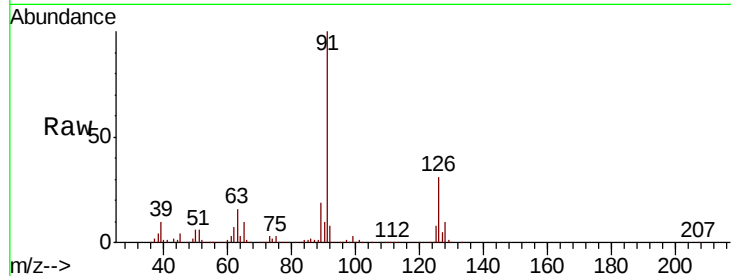




#79
2-Chlorotoluene
Concen: 59.196 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

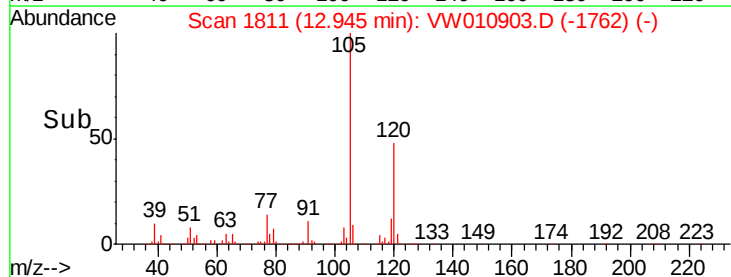
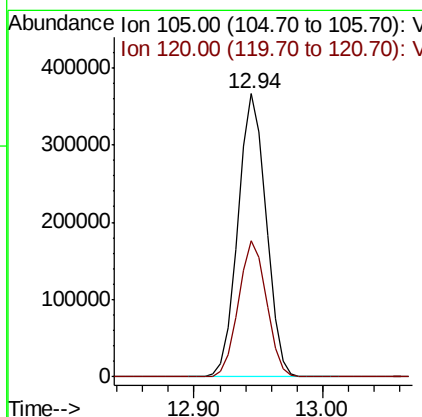
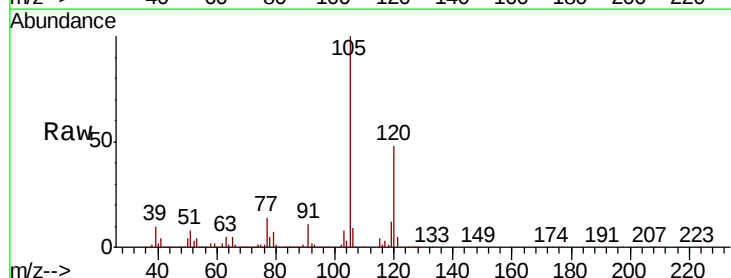
Instrument :
MSVOA_W
ClientSampleId :

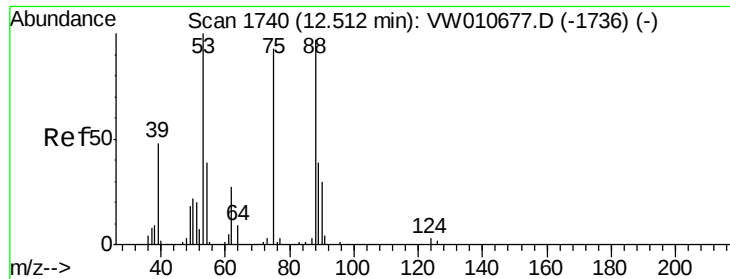
Tot Ion: 91 Resp: 462442
Ion Ratio Lower Upper
91 100
126 31.0 15.7 47.0



#80
1,3,5-Trimethylbenzene
Concen: 59.625 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion: 105 Resp: 553435
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.8

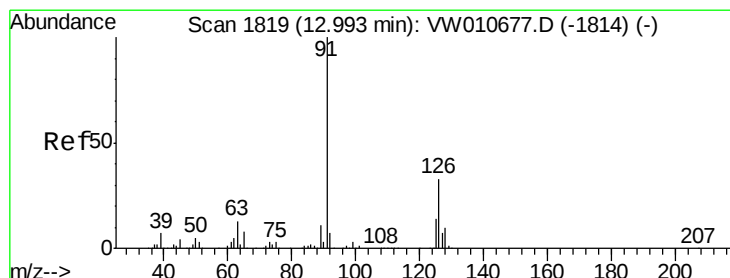
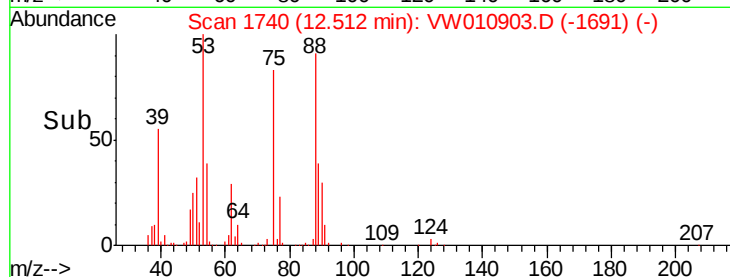
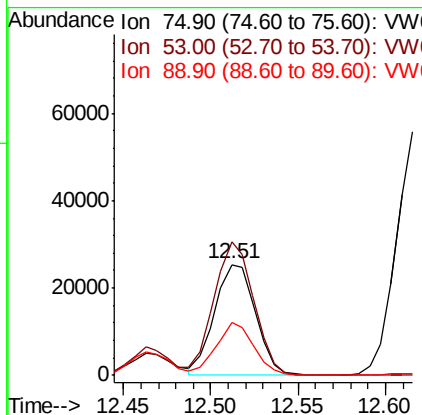
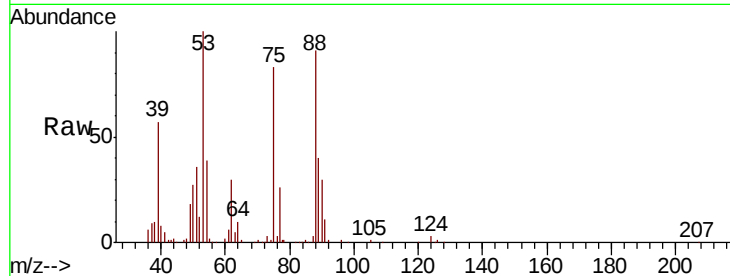




#81
trans-1,4-Dichloro-2-butene
Concen: 59.669 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

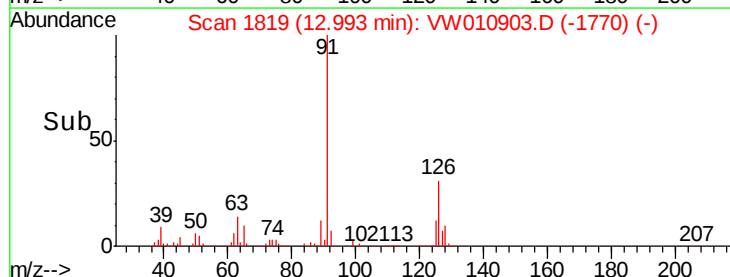
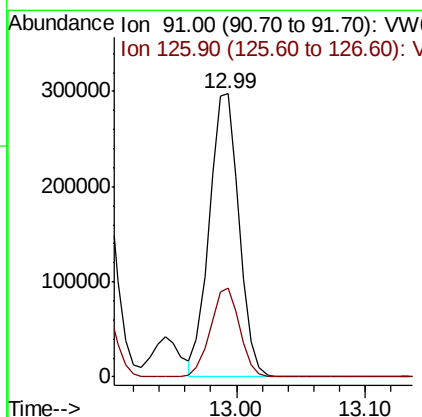
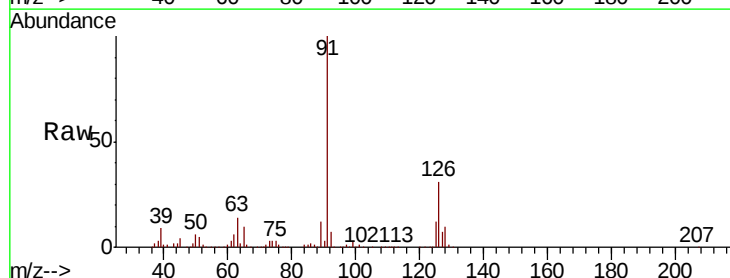
Instrument :
MSVOA_W
ClientSampled :

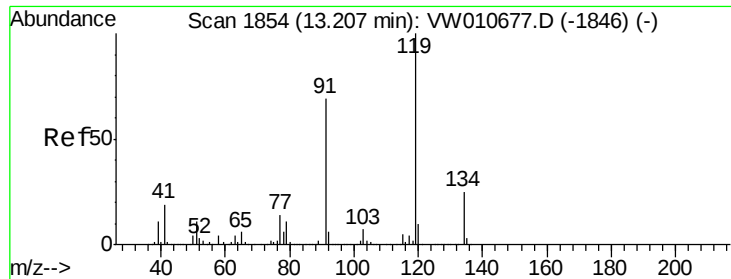
Tot Ion: 75 Resp: 41142
Ion Ratio Lower Upper
75 100
53 120.1 90.1 135.1
89 44.2 34.6 52.0



#82
4-Chlorotoluene
Concen: 59.525 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion: 91 Resp: 479870
Ion Ratio Lower Upper
91 100
126 31.1 15.9 47.7

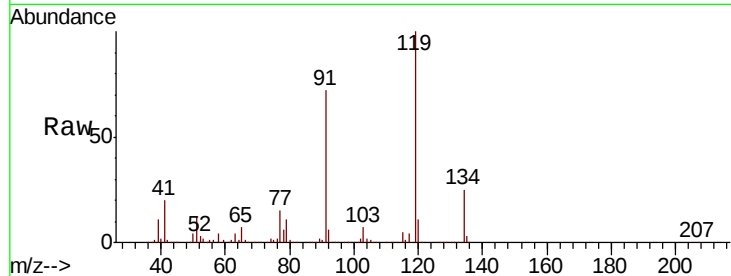




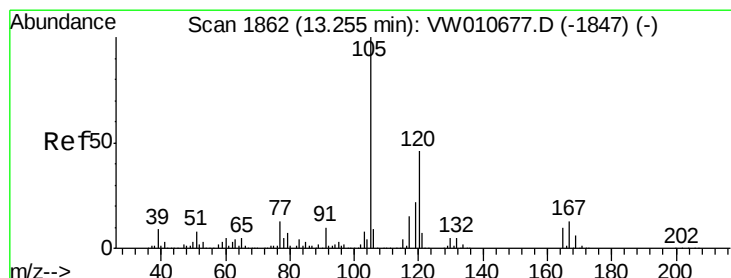
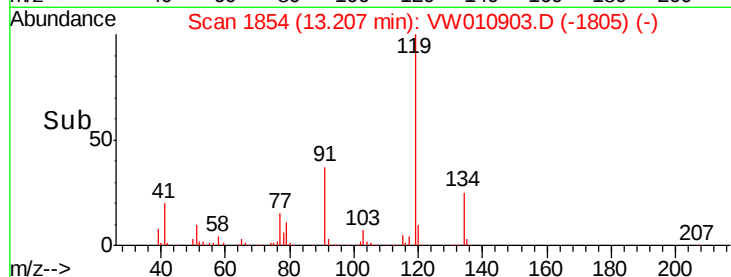
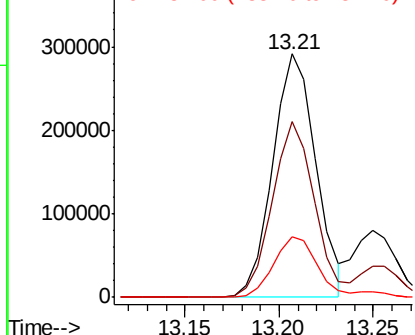
#83
tert-Butylbenzene
Concen: 58.545 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:119 Resp: 461182
Ion Ratio Lower Upper
119 100
91 71.2 35.1 105.3
134 26.9 13.6 40.7

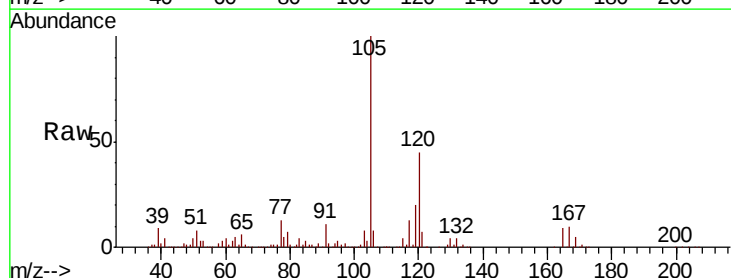


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

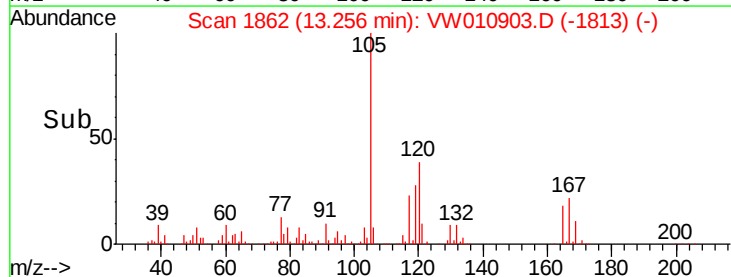
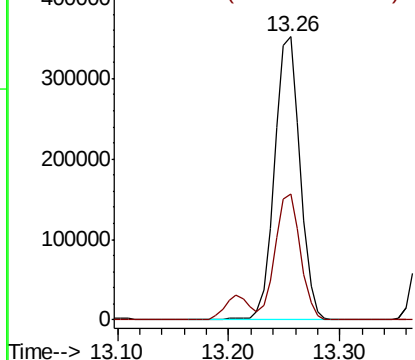


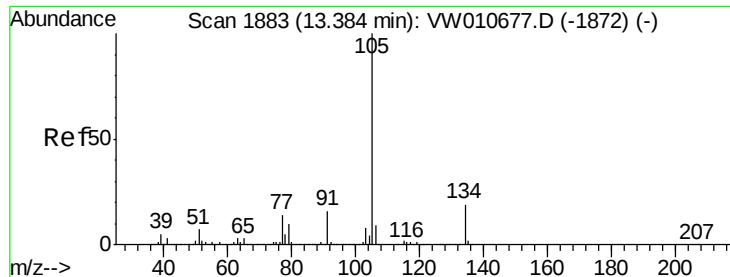
#84
1,2,4-Trimethylbenzene
Concen: 59.915 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion:105 Resp: 559621
Ion Ratio Lower Upper
105 100
120 44.1 22.5 67.5



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

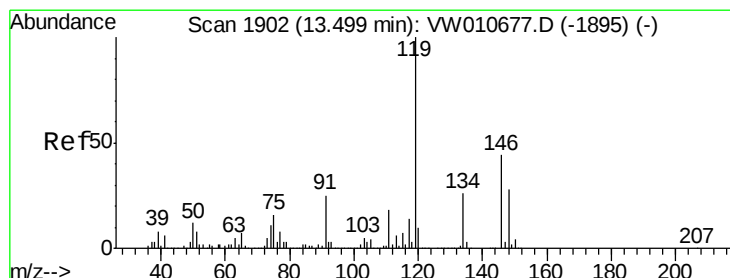
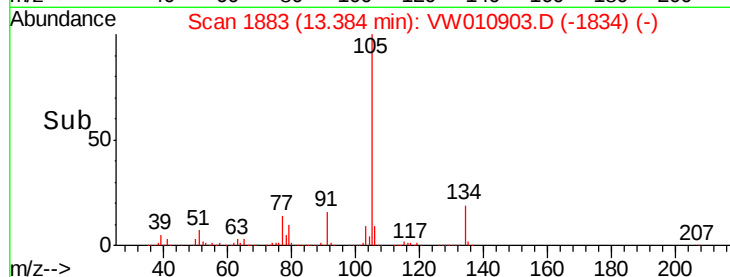
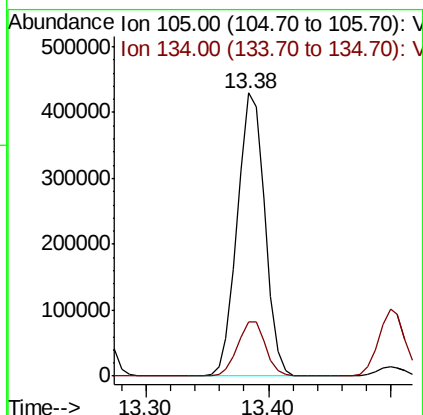
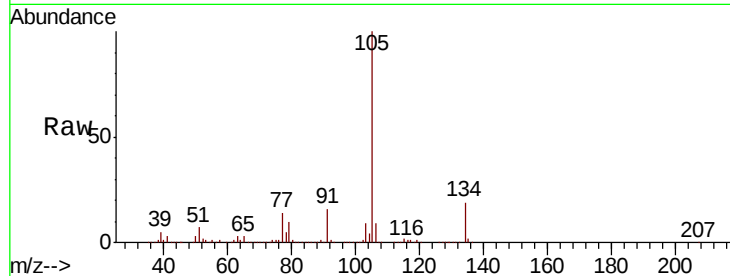




#85
 sec-Butylbenzene
 Concen: 58.162 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010903.D
 Acq: 20 Jun 2019 20:51

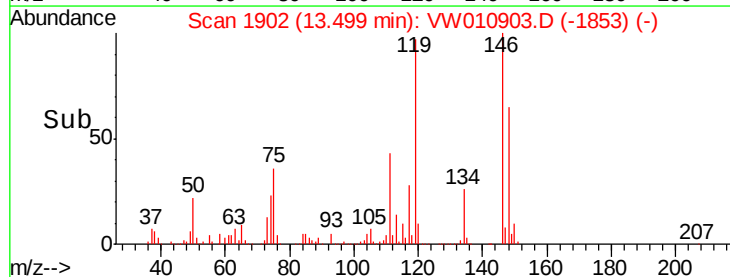
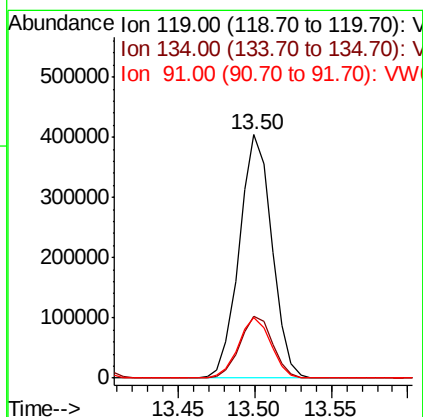
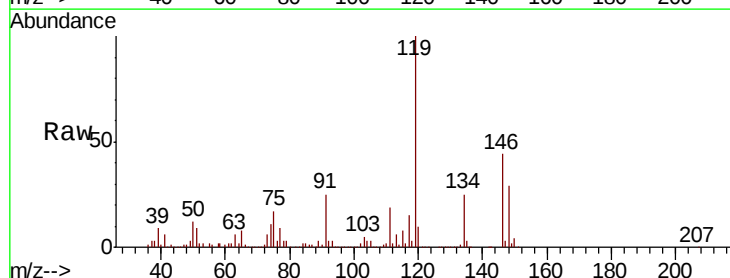
Instrument :
 MSVOA_W
 ClientSampleId :

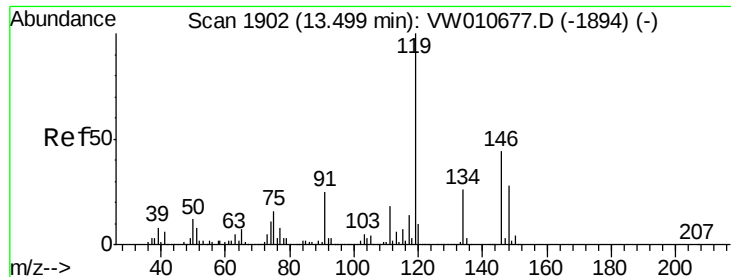
Tot Ion:105 Resp: 667072
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 58.359 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010903.D
 Acq: 20 Jun 2019 20:51

Tgt Ion:119 Resp: 598549
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 24.7 12.2 36.4

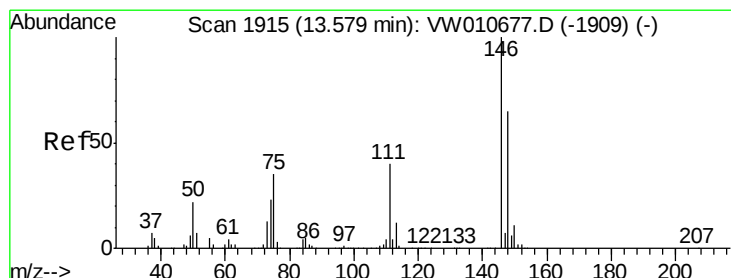
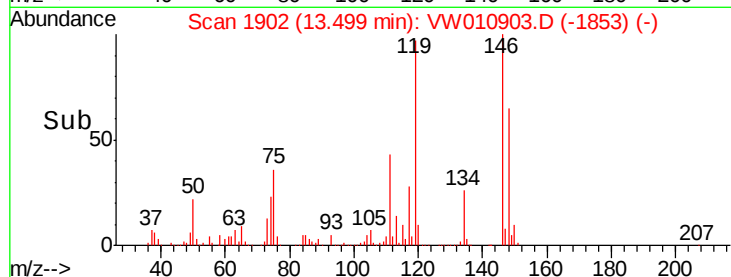
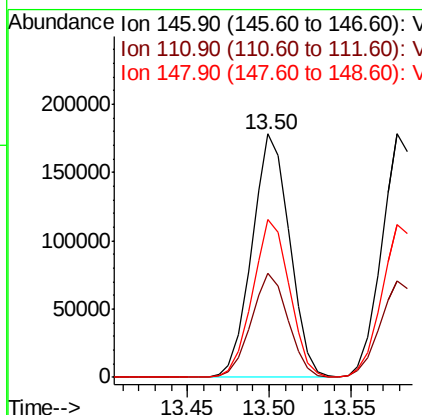
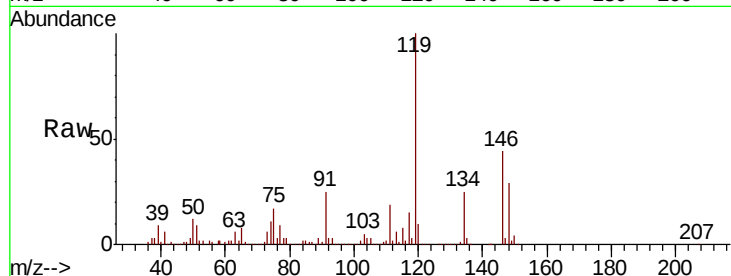




#87
 1,3-Dichlorobenzene
 Concen: 59.873 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010903.D
 Acq: 20 Jun 2019 20:51

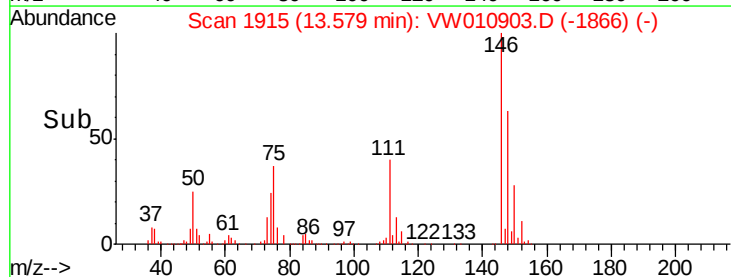
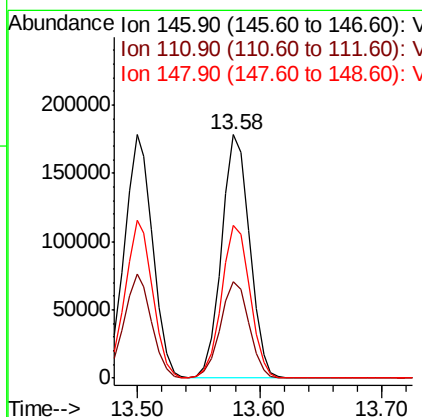
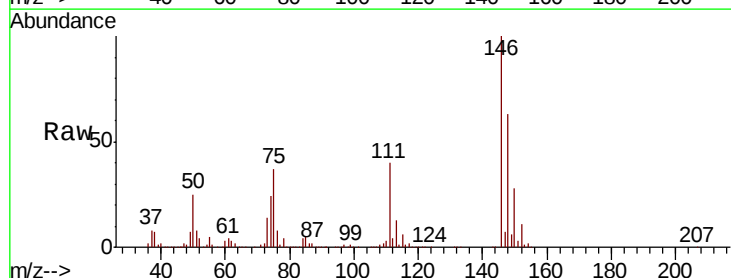
Instrument :
 MSVOA_W
 ClientSampleId :

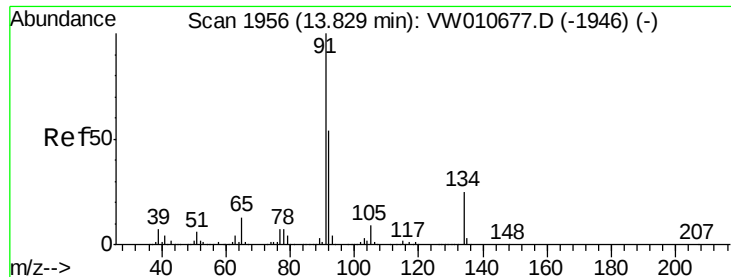
Tot Ion:146 Resp: 285807
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.4 61.3
 148 63.9 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 59.830 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010903.D
 Acq: 20 Jun 2019 20:51

Tgt Ion:146 Resp: 283144
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.3 60.9
 148 63.5 32.4 97.2





#89

n-Butylbenzene

Concen: 59.204 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

ClientSampled :

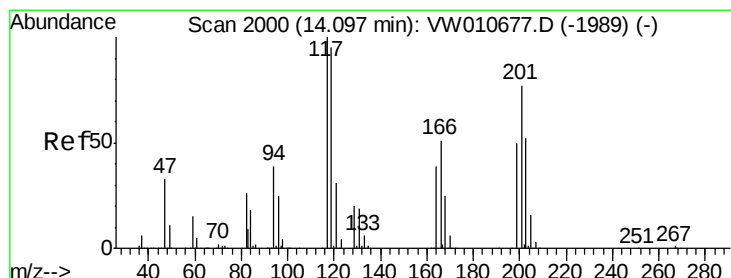
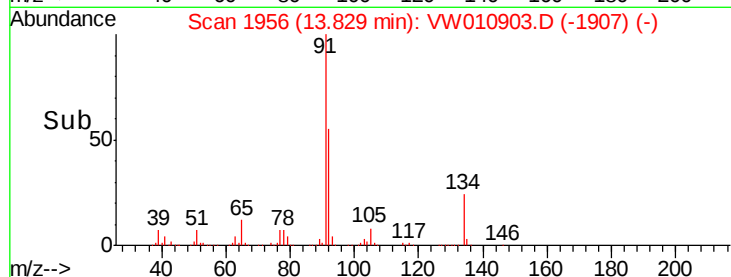
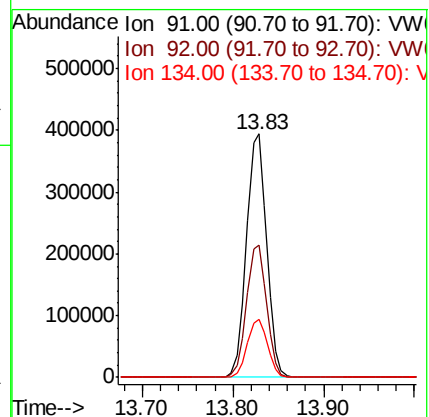
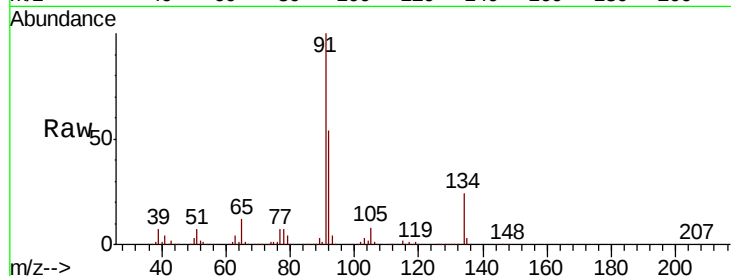
Tot Ion: 91 Resp: 605851

Ion Ratio Lower Upper

91 100

92 54.3 27.3 81.8

134 24.0 12.3 36.9



#90

Hexachloroethane

Concen: 58.829 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010903.D

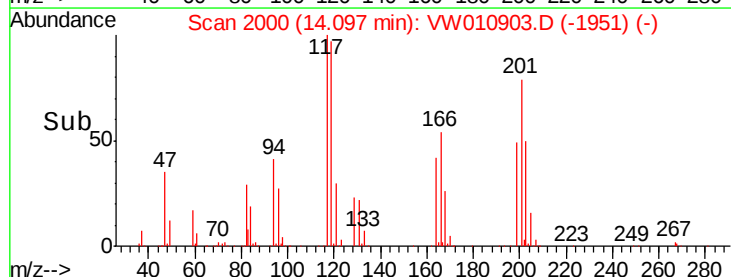
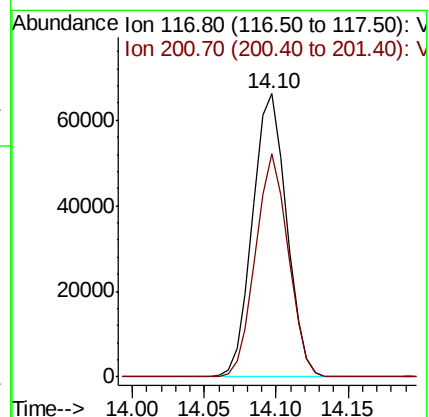
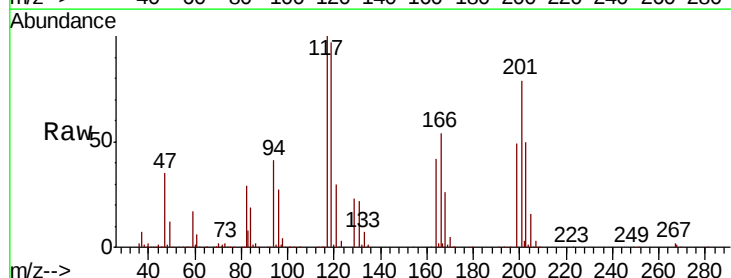
Acq: 20 Jun 2019 20:51

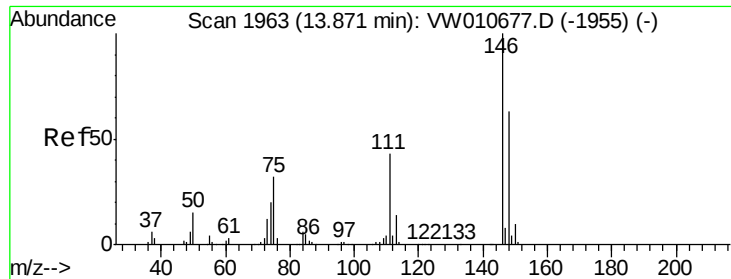
Tgt Ion: 117 Resp: 108054

Ion Ratio Lower Upper

117 100

201 75.9 38.8 116.4





#91

1,2-Dichlorobenzene

Concen: 60.402 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

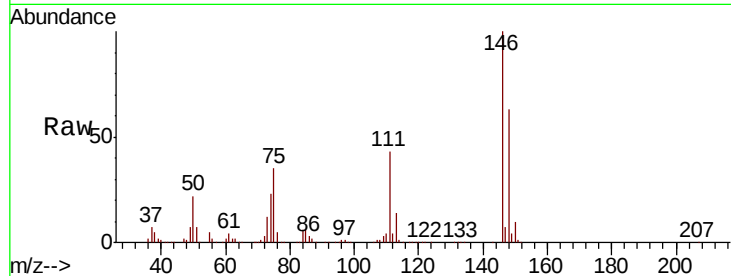
Tot Ion:146 Resp: 259295

Ion Ratio Lower Upper

146 100

111 43.8 21.5 64.5

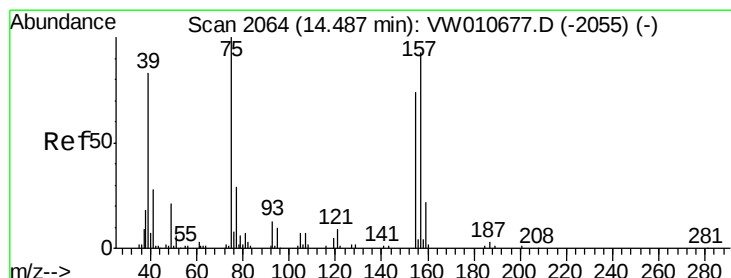
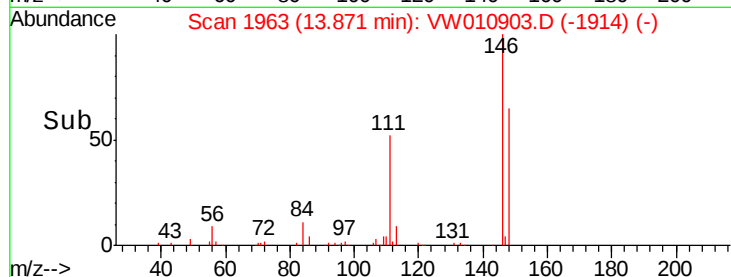
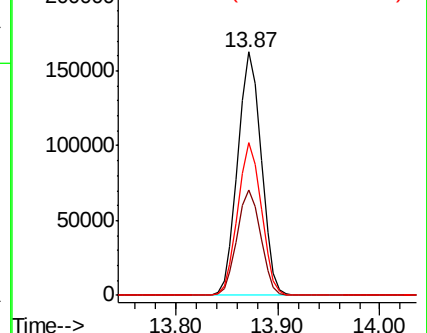
148 62.9 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 65.061 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW010903.D

Acq: 20 Jun 2019 20:51

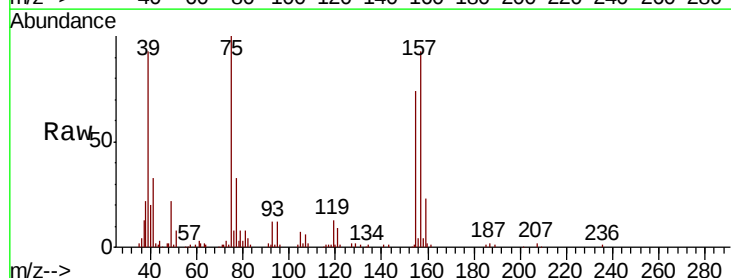
Tgt Ion: 75 Resp: 24119

Ion Ratio Lower Upper

75 100

155 73.5 38.8 116.4

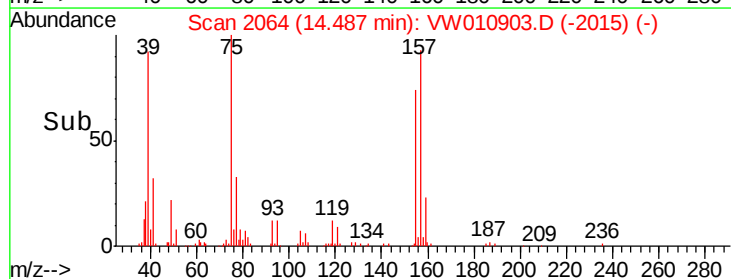
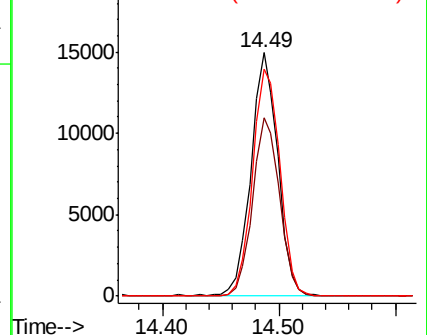
157 95.0 48.4 145.0

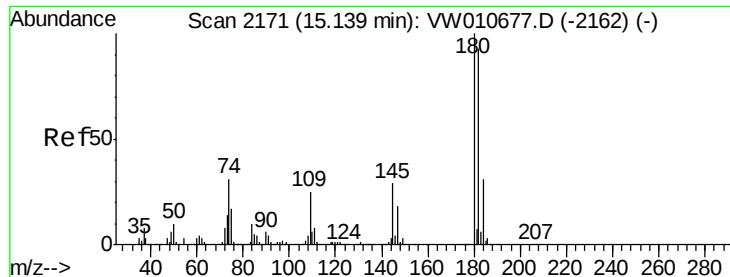


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

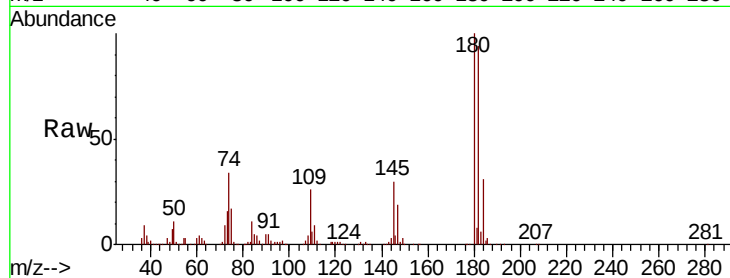




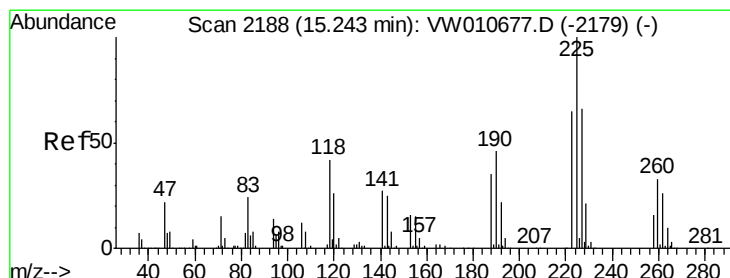
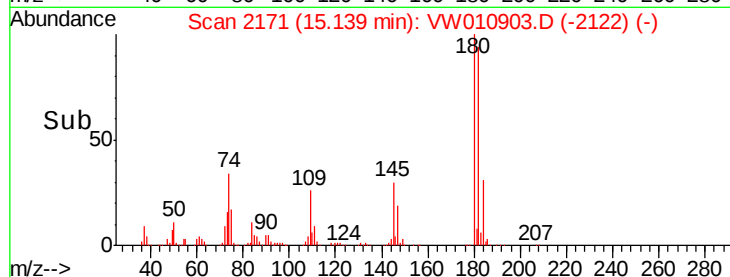
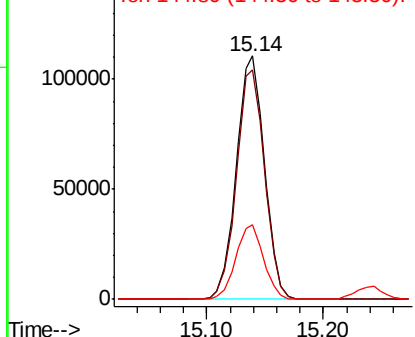
#93
 1,2,4-Trichlorobenzene
 Concen: 61.734 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010903.D
 Acq: 20 Jun 2019 20:51

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.1	141.4
145	30.3	15.2	45.5

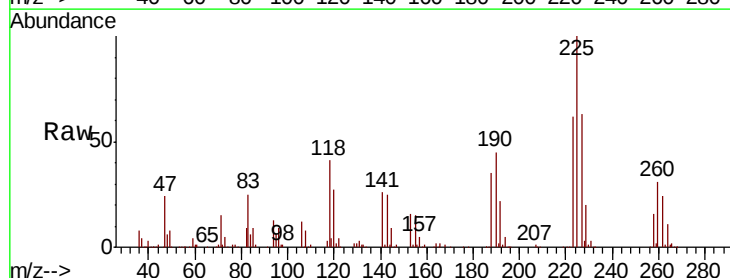


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

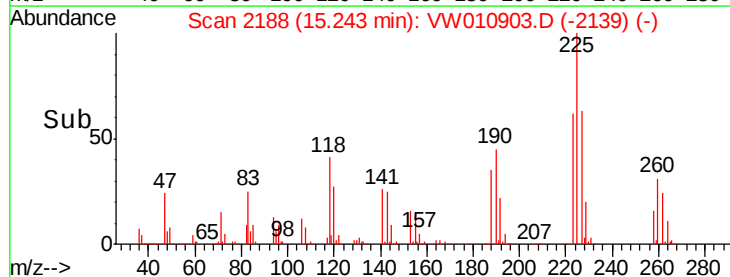
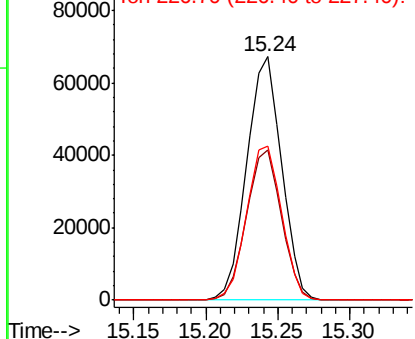


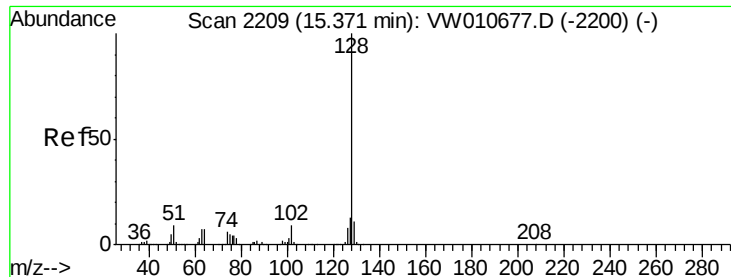
#94
 Hexachlorobutadiene
 Concen: 59.461 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010903.D
 Acq: 20 Jun 2019 20:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	32.2	96.6
227	63.9	32.0	96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

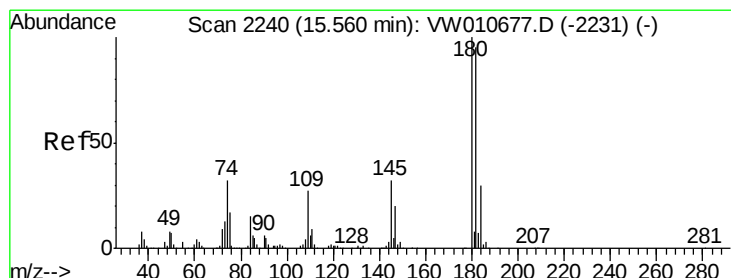
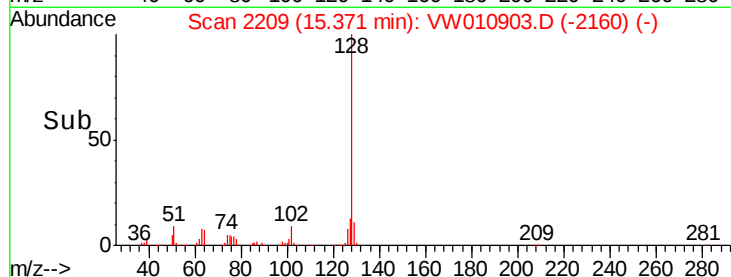
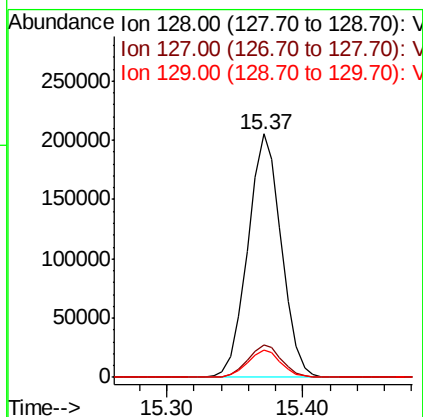
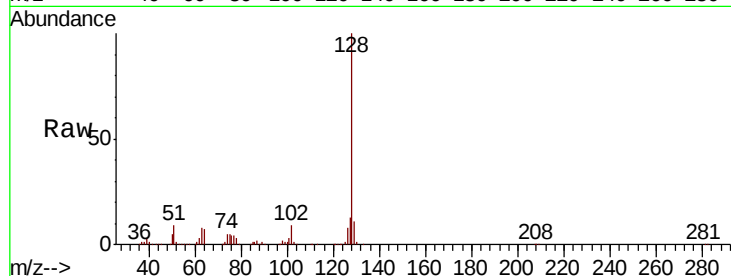




#95
Naphthalene
Concen: 64.725 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:128 Resp: 354266
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 64.315 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW010903.D
Acq: 20 Jun 2019 20:51

Tgt Ion:180 Resp: 164774
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.0
145 32.0 16.1 48.3

