

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010883.D
 Acq On : 20 Jun 2019 10:46
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 07:44:57 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	251202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	355793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	141346	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
35) Dibromofluoromethane	7.88	113	115024	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	10.32	98	482051	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.62	95	173829	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	107825	46.449	ug/l	98
3) Chloromethane	2.21	50	161459	47.275	ug/l	100
4) Vinyl Chloride	2.35	62	150807	47.792	ug/l	98
5) Bromomethane	2.76	94	90830	52.418	ug/l	97
6) Chloroethane	2.91	64	94870	50.088	ug/l	100
7) Trichlorofluoromethane	3.25	101	222229	54.254	ug/l	100
8) Diethyl Ether	3.68	74	72486	49.518	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	138135	54.852	ug/l	99
10) Methyl Iodide	4.27	142	99524	39.481	ug/l	98
11) Tert butyl alcohol	5.17	59	54863	227.446	ug/l	97
12) 1,1-Dichloroethene	4.03	96	128028	52.702	ug/l	96
13) Acrolein	3.90	56	18504	187.729	ug/l	97
14) Allyl chloride	4.67	41	298543	55.735	ug/l	99
15) Acrylonitrile	5.37	53	170615	239.916	ug/l	99
16) Acetone	4.12	43	225467	284.195	ug/l	97
17) Carbon Disulfide	4.37	76	366614	47.540	ug/l	98
18) Methyl Acetate	4.67	43	82930	48.560	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	347667	49.621	ug/l	97
20) Methylene Chloride	4.92	84	137527	49.414	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	146676	53.187	ug/l	95
22) Diisopropyl ether	6.31	45	589117	54.936	ug/l	99
23) Vinyl Acetate	6.26	43	1704429	263.366	ug/l	100
24) 1,1-Dichloroethane	6.21	63	300021	55.827	ug/l	99
25) 2-Butanone	7.17	43	287033	260.917	ug/l	95
26) 2,2-Dichloropropane	7.17	77	257644	58.916	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	163071	53.731	ug/l	97
28) Bromochloromethane	7.51	49	127857	53.311	ug/l	95
29) Tetrahydrofuran	7.52	42	160446	231.875	ug/l	99
30) Chloroform	7.68	83	272257	55.387	ug/l	99
31) Cyclohexane	7.95	56	306064	51.233	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	242632	56.506	ug/l	99
36) 1,1-Dichloropropene	8.08	75	232432	55.737	ug/l	100
37) Ethyl Acetate	7.25	43	111033	48.049	ug/l	99
38) Carbon Tetrachloride	8.07	117	203941	56.652	ug/l	97

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 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	286489	54.043	ug/l	99
40) Benzene	8.32	78	624250	54.873	ug/l	99
41) Methacrylonitrile	7.48	41	76019	55.345	ug/l	93
42) 1,2-Dichloroethane	8.40	62	194690	53.922	ug/l	98
43) Isopropyl Acetate	8.42	43	221110	49.527	ug/l	100
44) Trichloroethene	9.09	130	151399	53.950	ug/l	97
45) 1,2-Dichloropropane	9.37	63	165980	55.116	ug/l	95
46) Dibromomethane	9.46	93	72371	51.740	ug/l	98
47) Bromodichloromethane	9.65	83	199101	54.912	ug/l	96
48) Methyl methacrylate	9.43	41	108071	50.207	ug/l	98
49) 1,4-Dioxane	9.45	88	19099	873.346	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	556501	244.001	ug/l	99
52) Toluene	10.39	92	383250	54.753	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	203015	52.863	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	244914	54.196	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	102477	50.856	ug/l	99
56) Ethyl methacrylate	10.65	69	153435	49.485	ug/l	95
57) 1,3-Dichloropropane	10.93	76	196921	51.857	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	394803	243.101	ug/l	99
59) 2-Hexanone	10.97	43	417677	253.393	ug/l	98
60) Dibromochloromethane	11.13	129	116069	51.962	ug/l	99
61) 1,2-Dibromoethane	11.24	107	95746	50.150	ug/l	99
64) Tetrachloroethene	10.86	164	124410	52.664	ug/l	97
65) Chlorobenzene	11.66	112	383319	54.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	132641	54.765	ug/l	99
67) Ethyl Benzene	11.73	91	752893	55.992	ug/l	99
68) m/p-Xylenes	11.84	106	538148	111.800	ug/l	99
69) o-Xylene	12.16	106	255941	56.063	ug/l	99
70) Styrene	12.18	104	436117	54.993	ug/l	99
71) Bromoform	12.35	173	61744	49.292	ug/l #	100
73) Isopropylbenzene	12.47	105	719595	56.942	ug/l	99
74) N-amyl acetate	12.27	43	205229	50.249	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	120435	50.060	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	162250	91.873	ug/l #	100
77) Bromobenzene	12.75	156	149756	54.288	ug/l	99
78) n-propylbenzene	12.80	91	878989	57.683	ug/l	100
79) 2-Chlorotoluene	12.90	91	492362	56.556	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	585149	56.569	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	38525	50.137	ug/l	98
82) 4-Chlorotoluene	12.99	91	506261	56.351	ug/l	99
83) tert-Butylbenzene	13.21	119	501387	57.114	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	581240	55.840	ug/l	100
85) sec-Butylbenzene	13.38	105	727075	56.885	ug/l	100
86) p-Isopropyltoluene	13.50	119	648247	56.715	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	292742	55.030	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	288462	54.696	ug/l	100
89) n-Butylbenzene	13.83	91	659043	57.790	ug/l	99
90) Hexachloroethane	14.10	117	115608	56.479	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	256737	53.665	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20056	48.546	ug/l	93

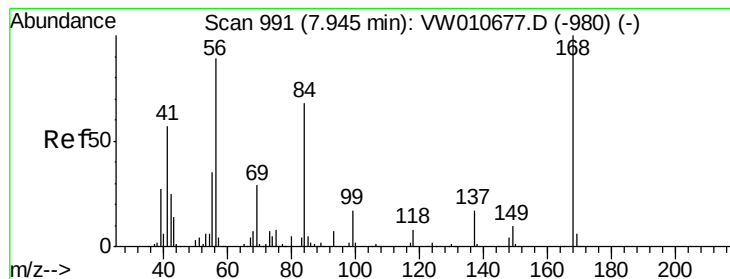
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QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	180949	53.899	ug/l	100
94) Hexachlorobutadiene	15.24	225	118515	56.248	ug/l	99
95) Naphthalene	15.37	128	307708	50.447	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	152695	53.481	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

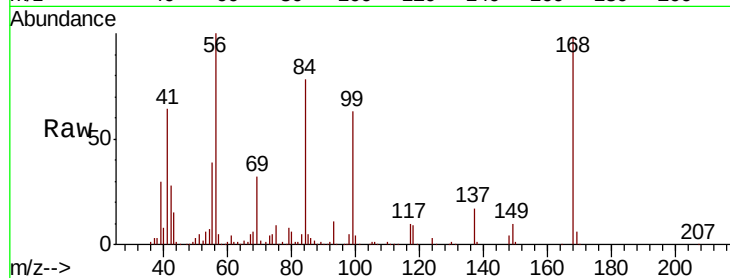
ClientSampled :

Tot Ion:168 Resp: 251202

Ion Ratio Lower Upper

168 100

99 64.0 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

120000

100000

80000

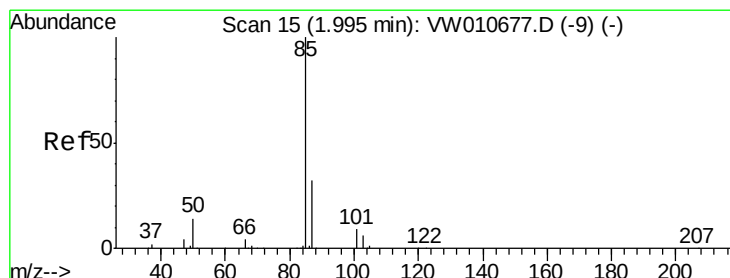
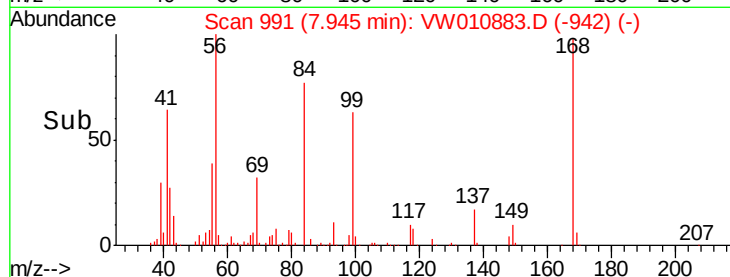
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.449 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010883.D

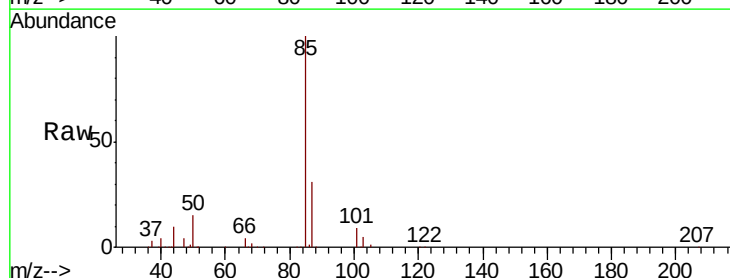
Acq: 20 Jun 2019 10:46

Tgt Ion: 85 Resp: 107825

Ion Ratio Lower Upper

85 100

87 31.0 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

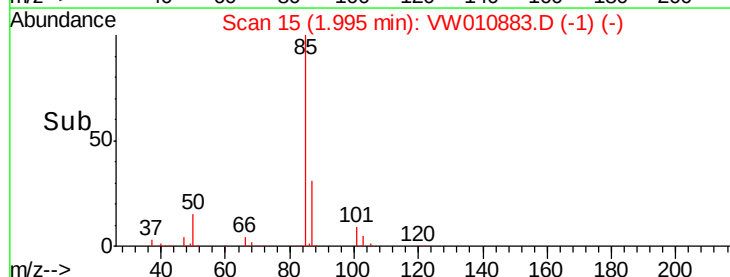
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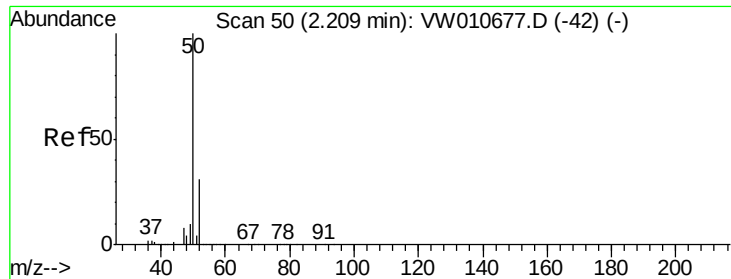
40000

20000

0

Time-->





#3

Chloromethane

Concen: 47.275 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

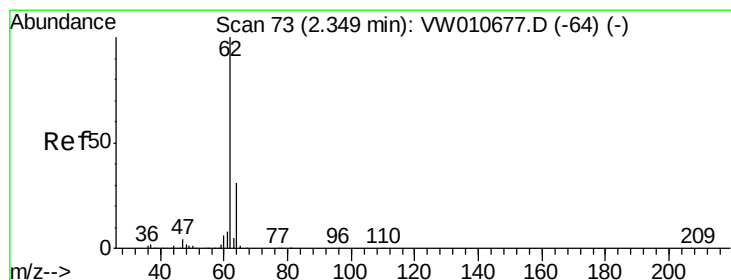
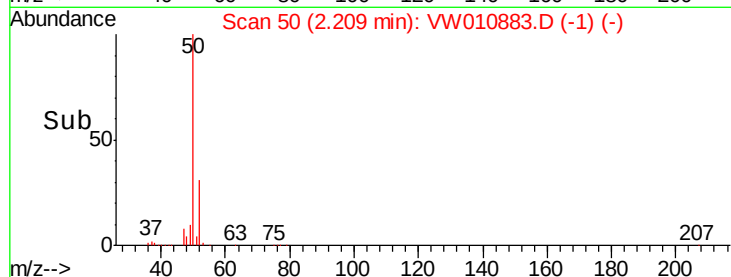
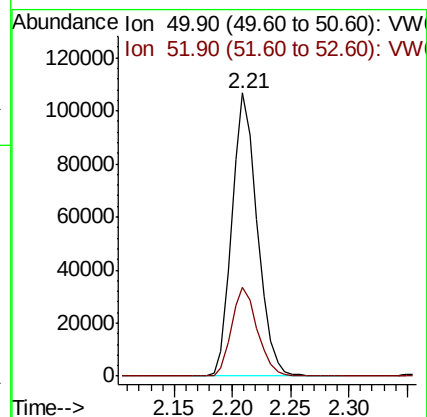
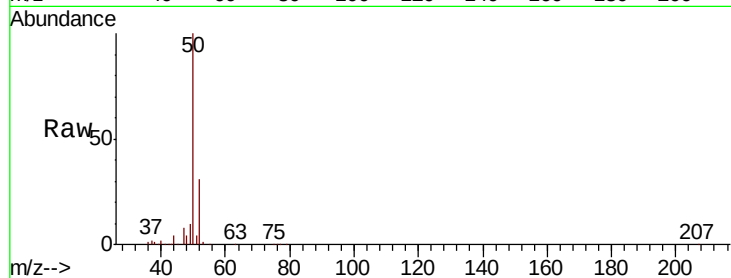
ClientSampled :

Tot Ion: 50 Resp: 161459

Ion Ratio Lower Upper

50 100

52 31.4 25.2 37.8



#4

Vinyl Chloride

Concen: 47.792 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010883.D

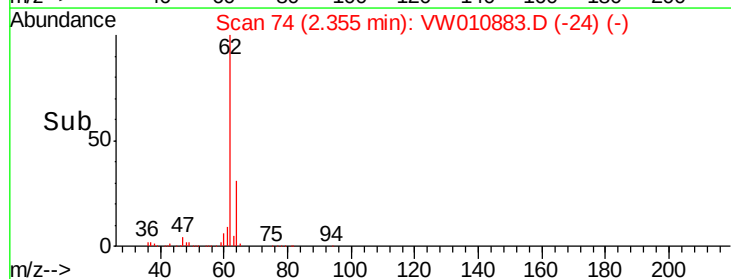
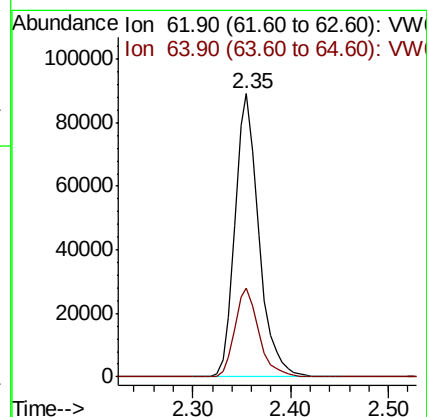
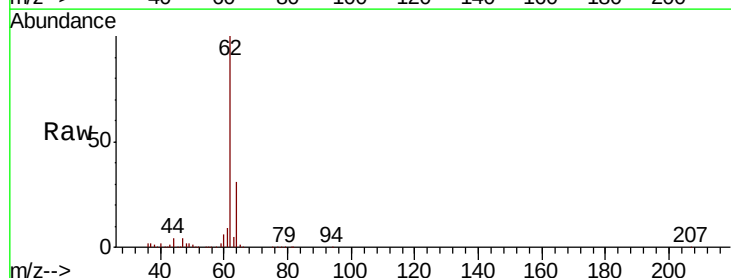
Acq: 20 Jun 2019 10:46

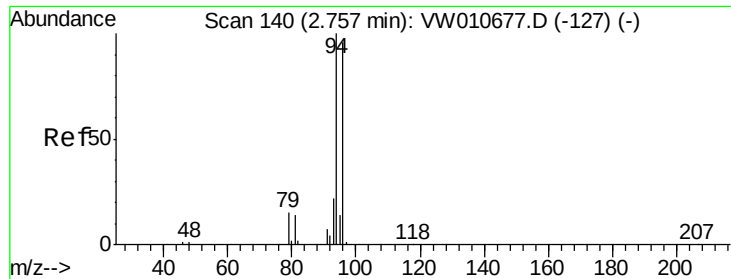
Tgt Ion: 62 Resp: 150807

Ion Ratio Lower Upper

62 100

64 31.4 24.5 36.7





#5

Bromomethane

Concen: 52.418 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

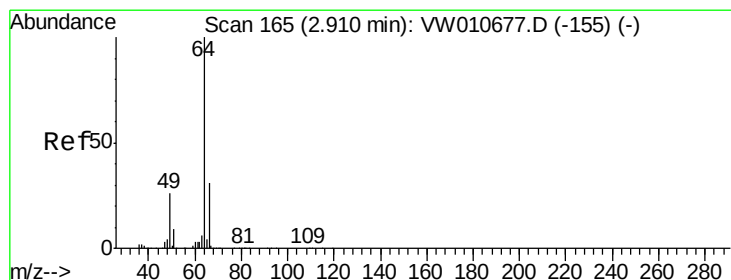
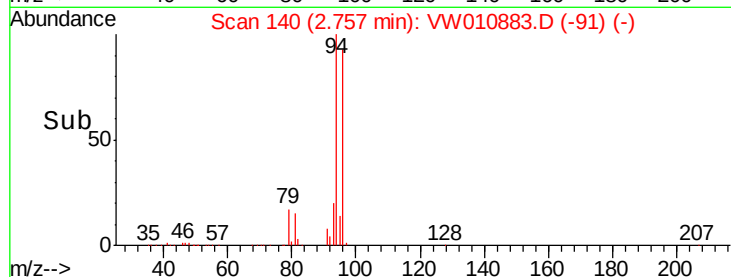
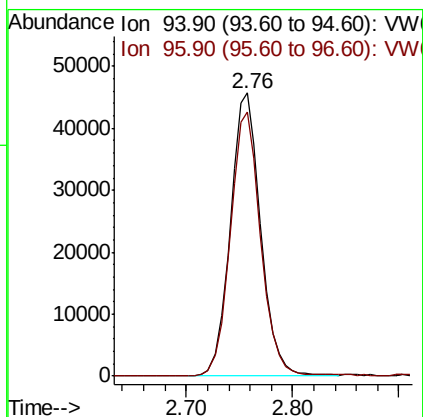
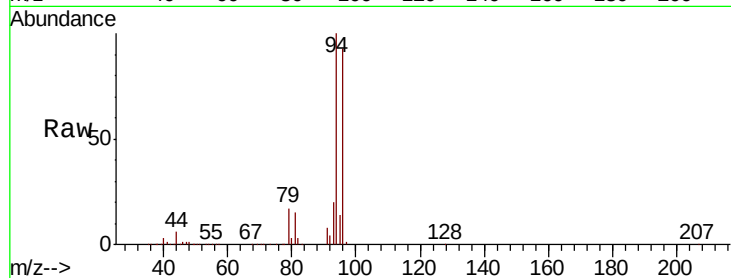
ClientSampled :

Tot Ion: 94 Resp: 90830

Ion Ratio Lower Upper

94 100

96 93.1 76.5 114.7



#6

Chloroethane

Concen: 50.088 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010883.D

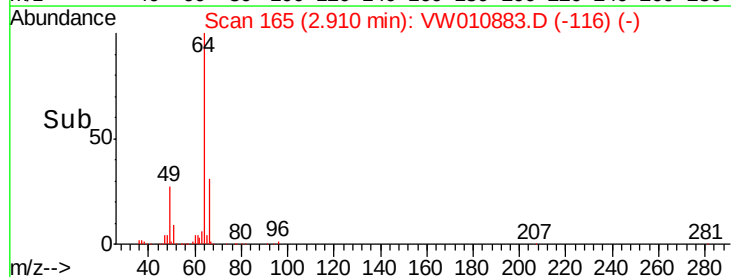
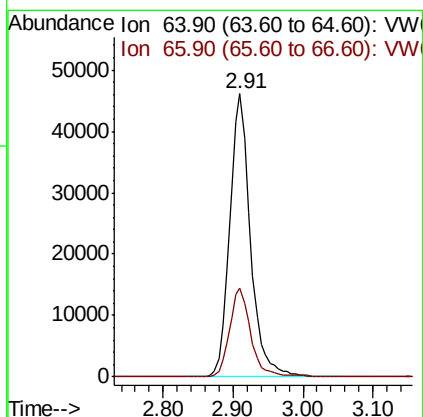
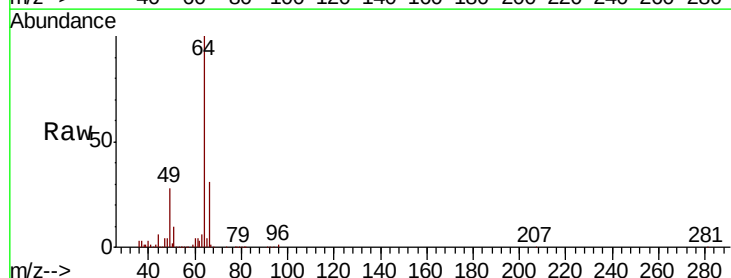
Acq: 20 Jun 2019 10:46

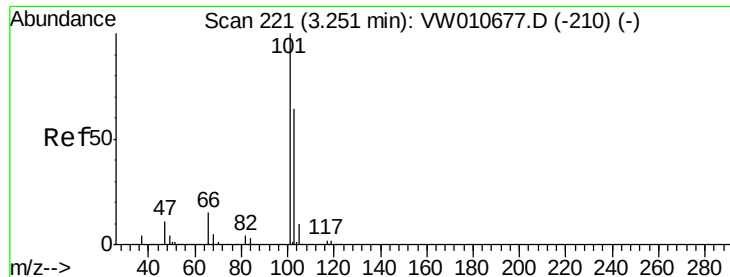
Tgt Ion: 64 Resp: 94870

Ion Ratio Lower Upper

64 100

66 31.3 25.1 37.7



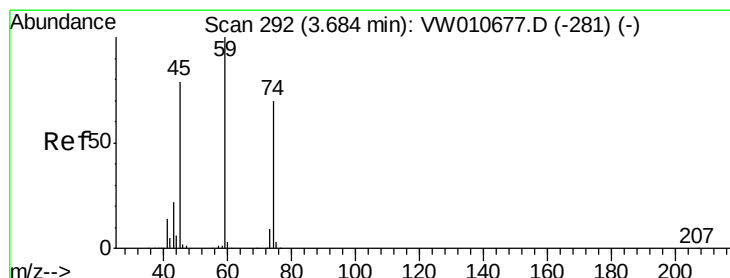
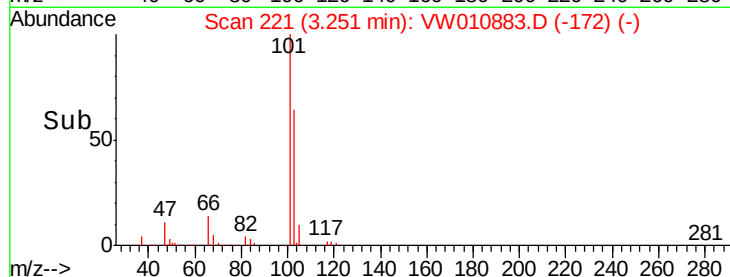
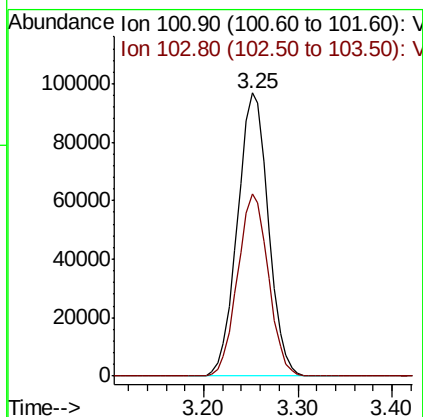
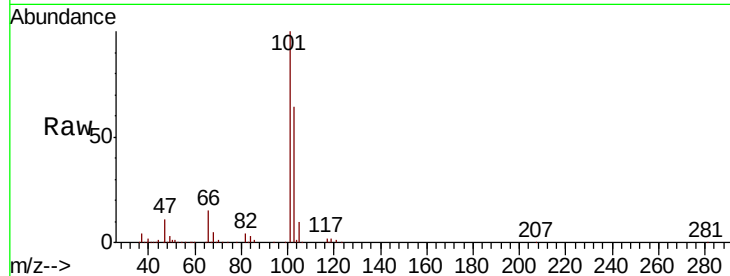


#7

Trichlorofluoromethane
Concen: 54.254 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :

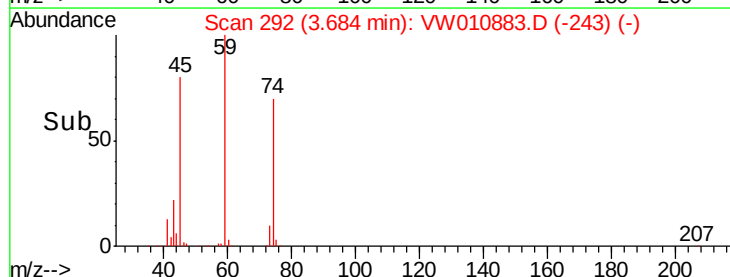
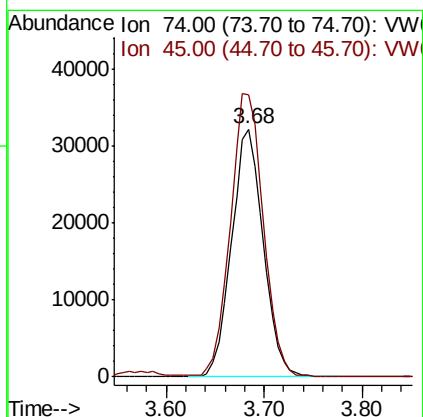
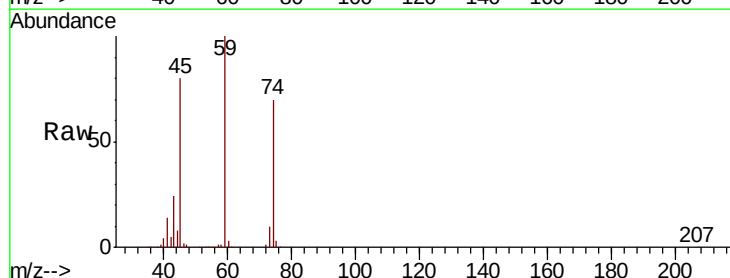
Tot Ion:101 Resp: 222229
Ion Ratio Lower Upper
101 100
103 64.3 51.2 76.8

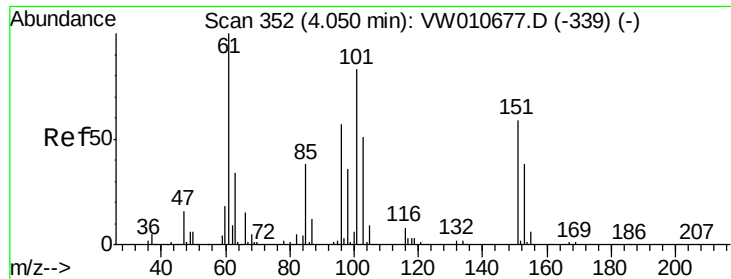


#8

Diethyl Ether
Concen: 49.518 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion: 74 Resp: 72486
Ion Ratio Lower Upper
74 100
45 118.5 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.852 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampled :

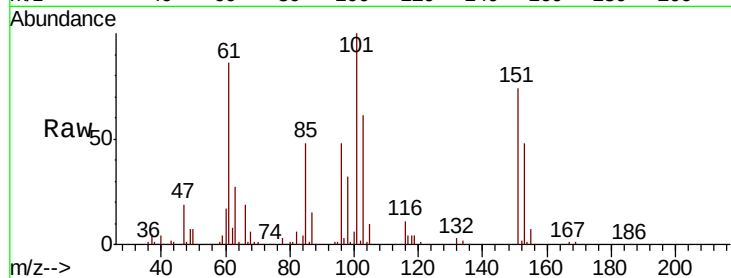
Tot Ion:101 Resp: 138135

Ion Ratio Lower Upper

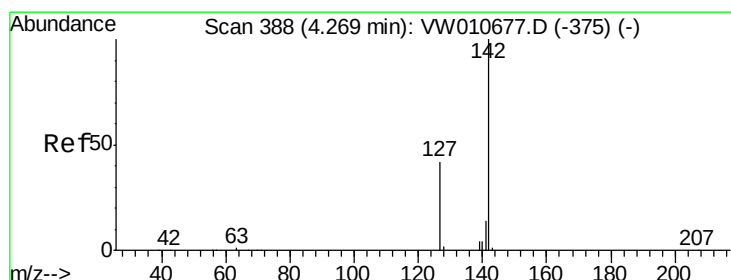
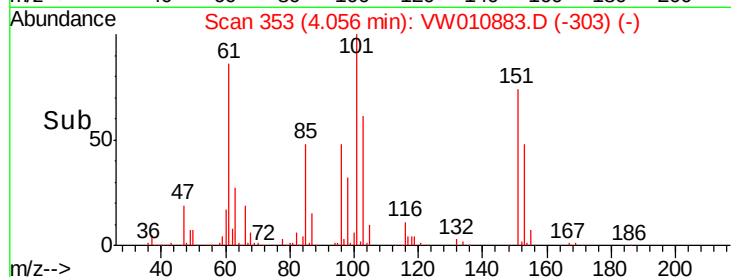
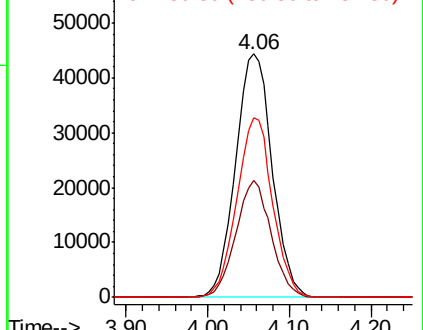
101 100

85 46.1 35.8 53.8

151 72.1 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: 39.481 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

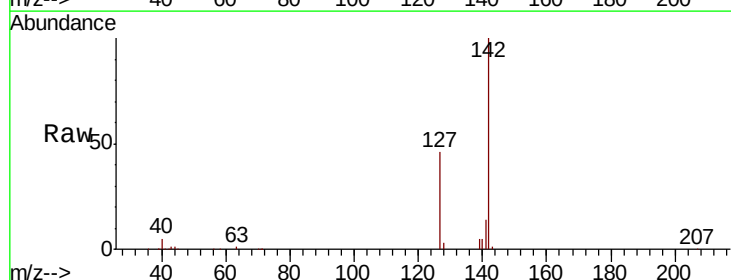
Tgt Ion:142 Resp: 99524

Ion Ratio Lower Upper

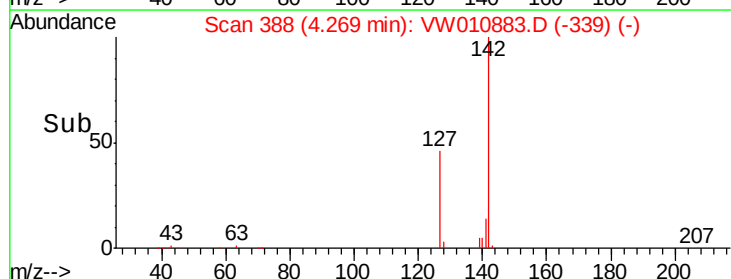
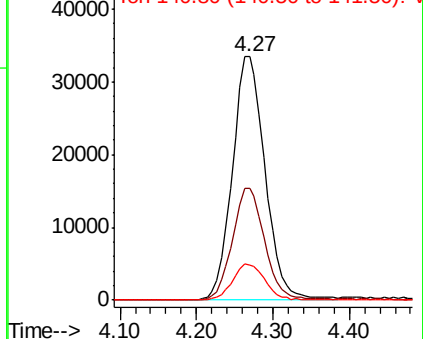
142 100

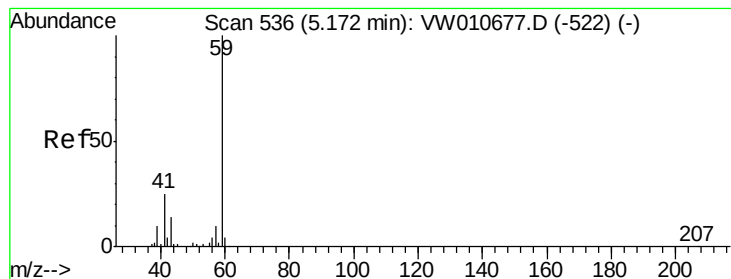
127 45.1 34.6 51.8

141 14.6 11.6 17.4



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



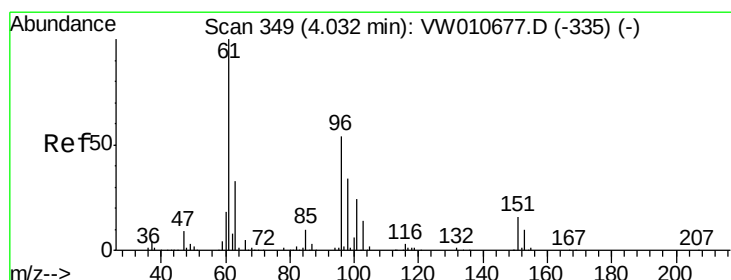
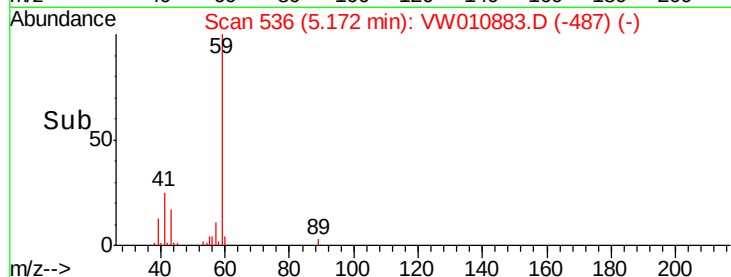
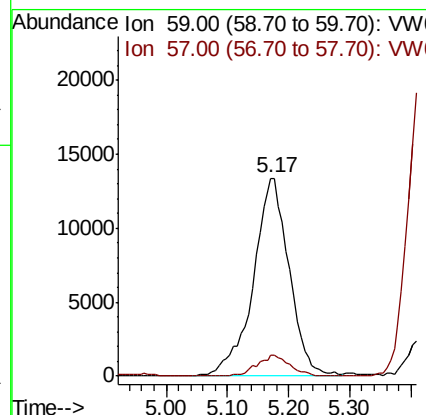
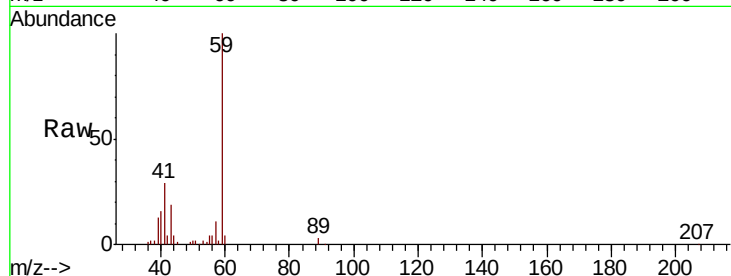


#11

Tert butyl alcohol
Concen: 227.446 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :

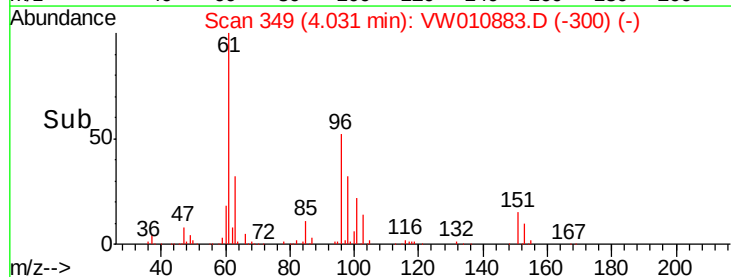
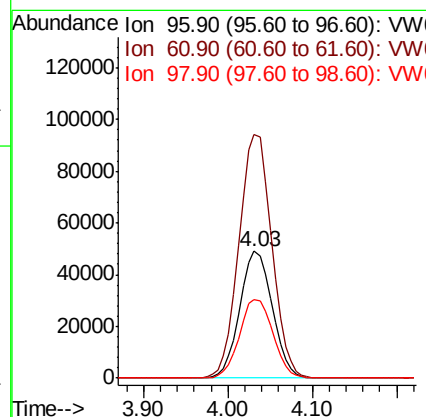
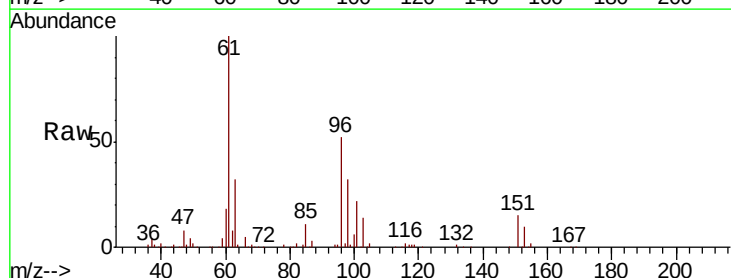
Tot Ion: 59 Resp: 54863
Ion Ratio Lower Upper
59 100
57 9.6 8.6 12.8

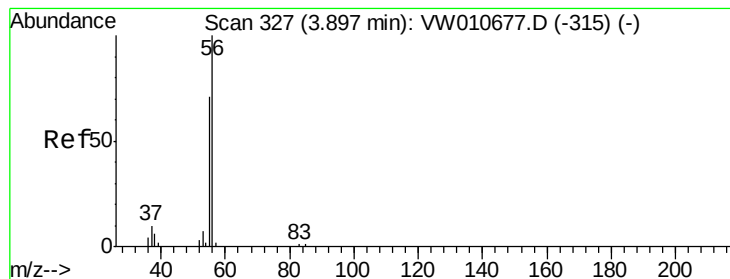


#12

1,1-Dichloroethene
Concen: 52.702 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion: 96 Resp: 128028
Ion Ratio Lower Upper
96 100
61 192.2 149.1 223.7
98 61.8 51.1 76.7





#13

Acrolein

Concen: 187.729 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

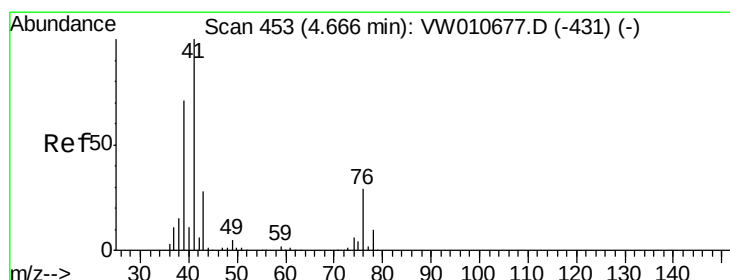
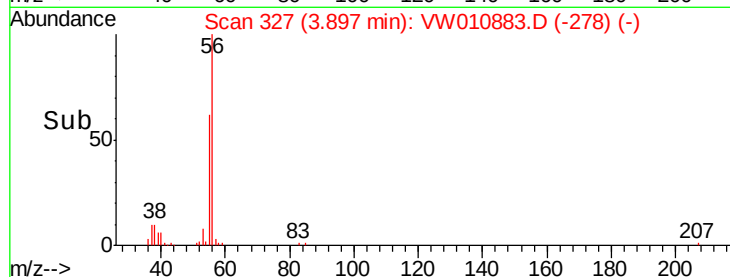
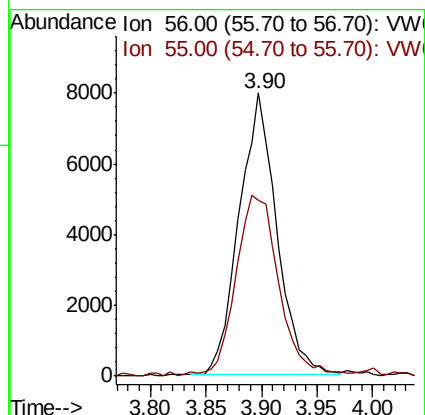
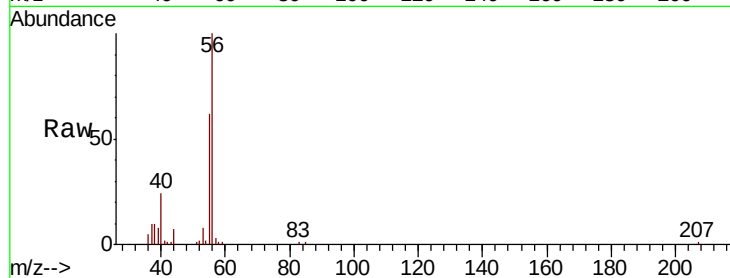
ClientSampled :

Tot Ion: 56 Resp: 18504

Ion Ratio Lower Upper

56 100

55 74.8 57.6 86.4



#14

Allyl chloride

Concen: 55.735 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

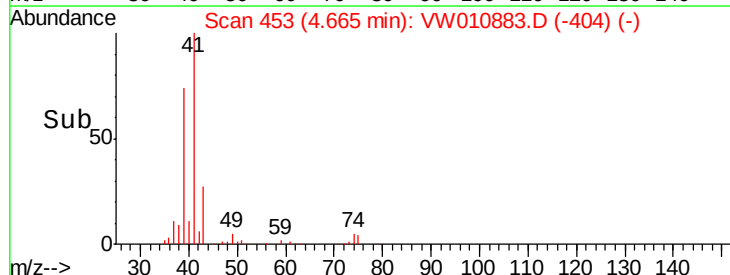
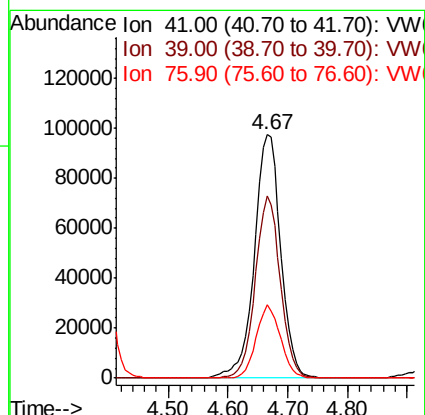
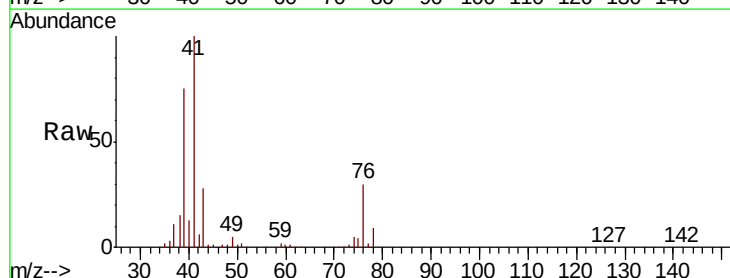
Tgt Ion: 41 Resp: 298543

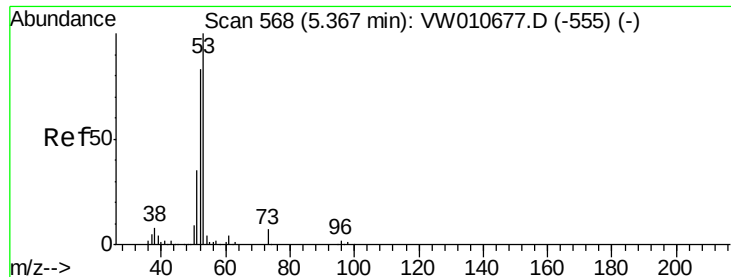
Ion Ratio Lower Upper

41 100

39 70.7 55.8 83.6

76 27.6 22.7 34.1





#15

Acrylonitrile

Concen: 239.916 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

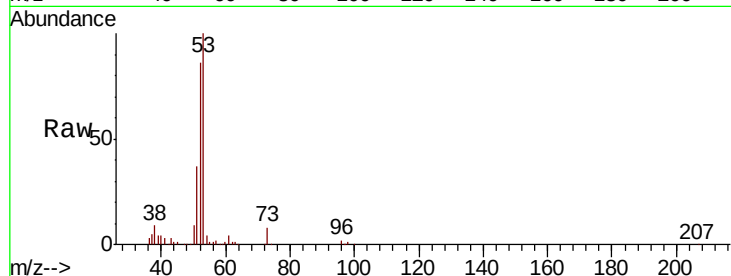
Tot Ion: 53 Resp: 170615

Ion Ratio Lower Upper

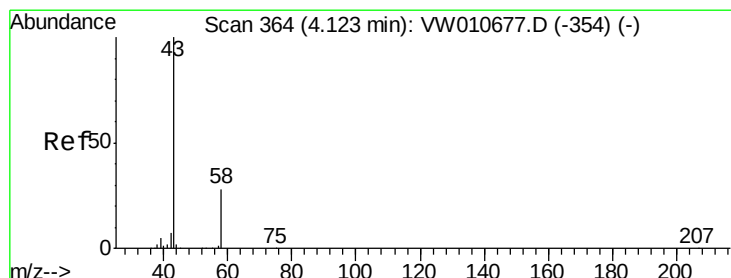
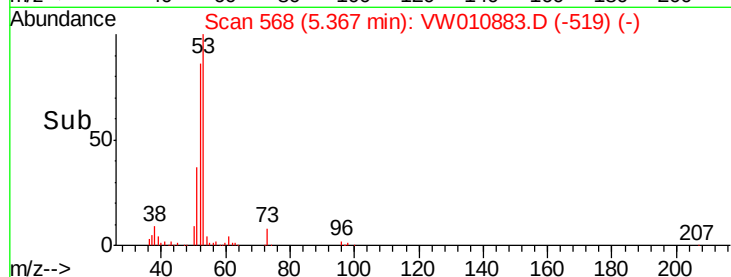
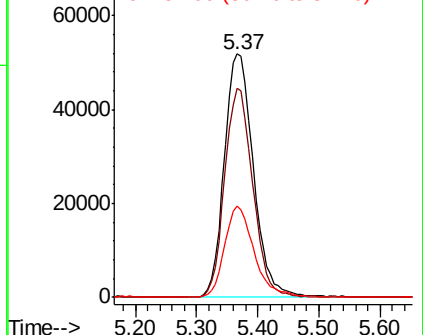
53 100

52 82.5 66.6 100.0

51 38.0 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: 284.195 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010883.D

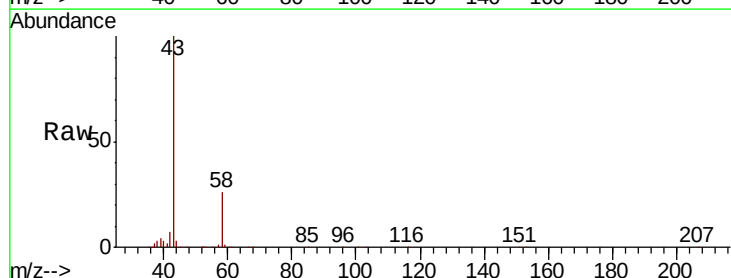
Acq: 20 Jun 2019 10:46

Tgt Ion: 43 Resp: 225467

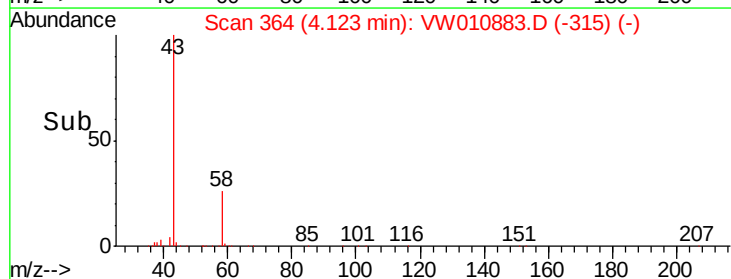
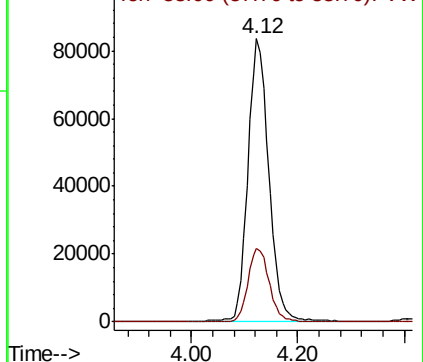
Ion Ratio Lower Upper

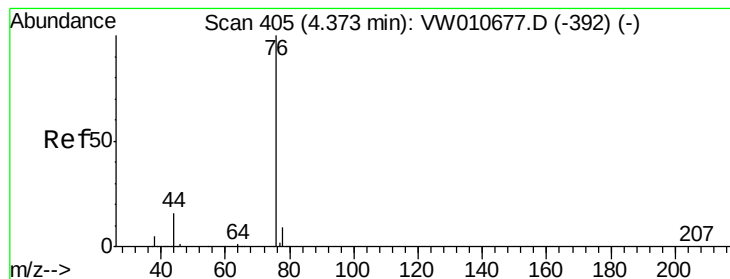
43 100

58 26.0 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: 47.540 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

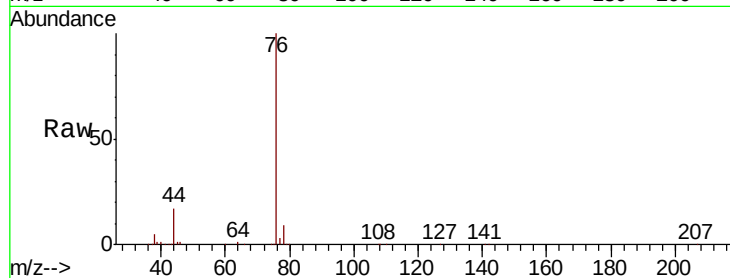
ClientSampled :

Tot Ion: 76 Resp: 366614

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

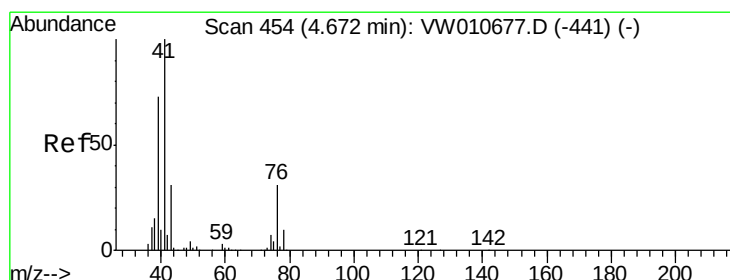
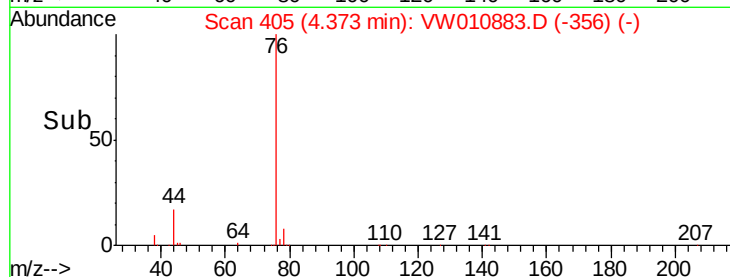
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.560 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010883.D

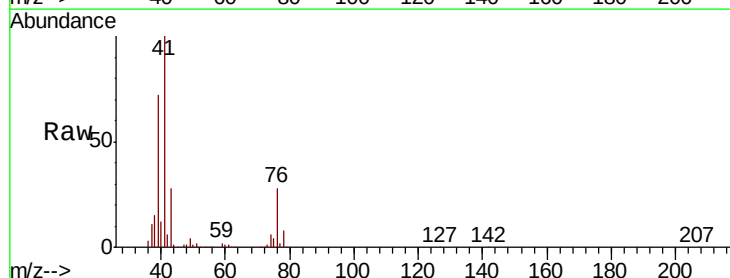
Acq: 20 Jun 2019 10:46

Tgt Ion: 43 Resp: 82930

Ion Ratio Lower Upper

43 100

74 19.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

30000

25000

20000

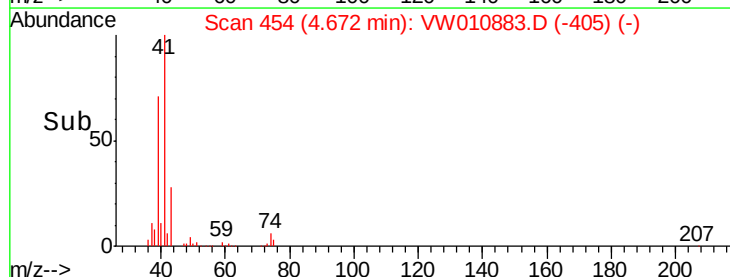
15000

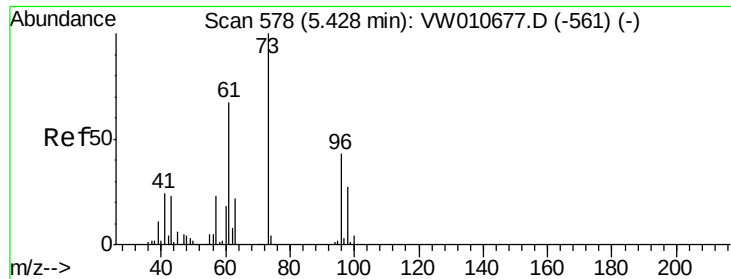
10000

5000

0

Time-->

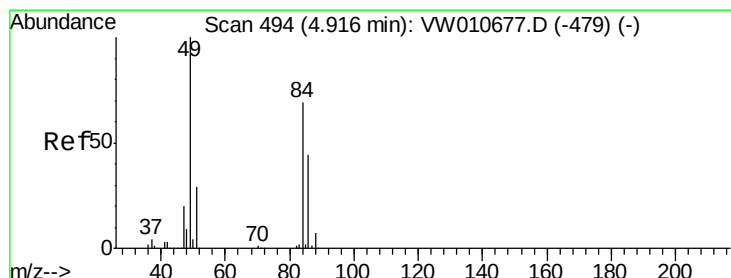
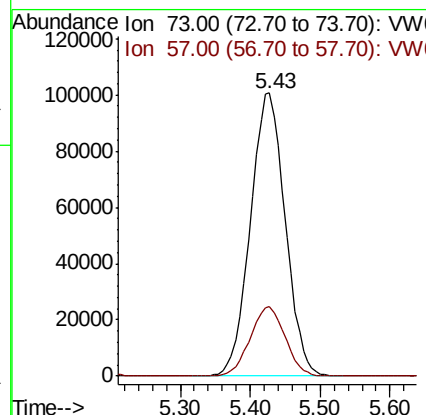
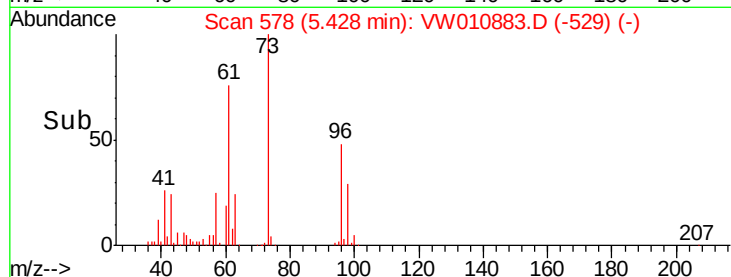
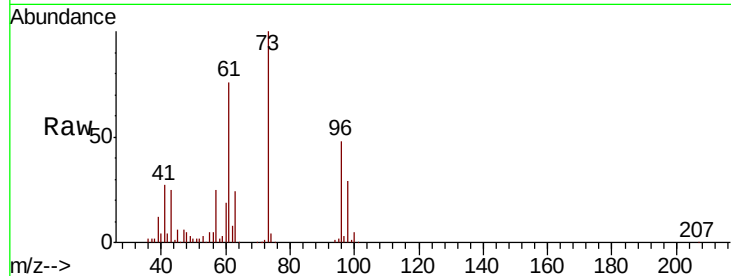




#19
Methyl tert-butyl Ether
Concen: 49.621 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

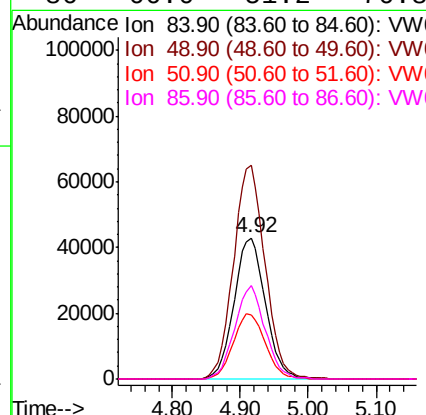
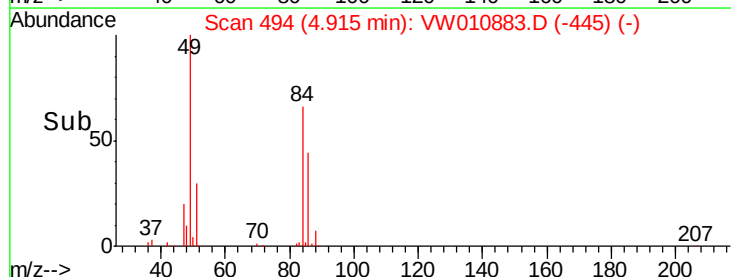
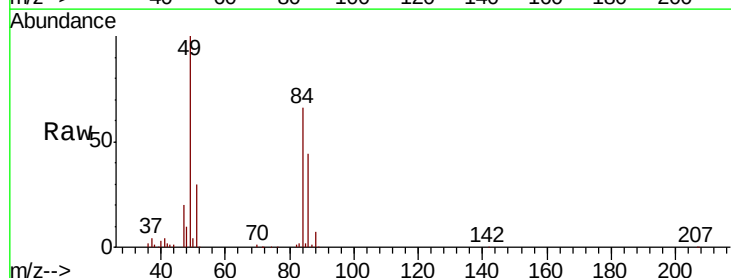
Instrument :
MSVOA_W
ClientSampleId :

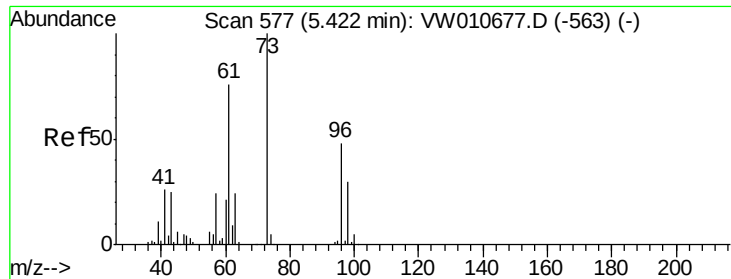
Tot Ion: 73 Resp: 347667
Ion Ratio Lower Upper
73 100
57 24.7 18.6 27.8



#20
Methylene Chloride
Concen: 49.414 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion: 84 Resp: 137527
Ion Ratio Lower Upper
84 100
49 151.1 116.7 175.1
51 45.4 34.2 51.2
86 66.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 53.187 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampled :

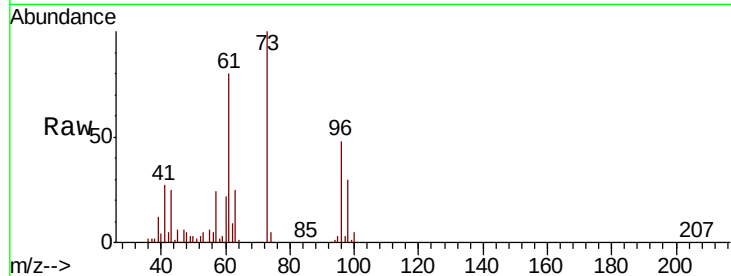
Tot Ion: 96 Resp: 146676

Ion Ratio Lower Upper

96 100

61 166.1 126.0 189.0

98 62.6 49.6 74.4

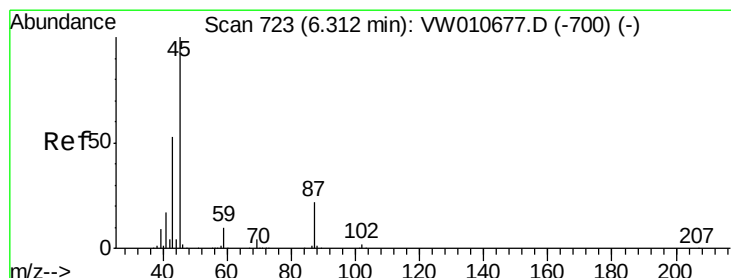
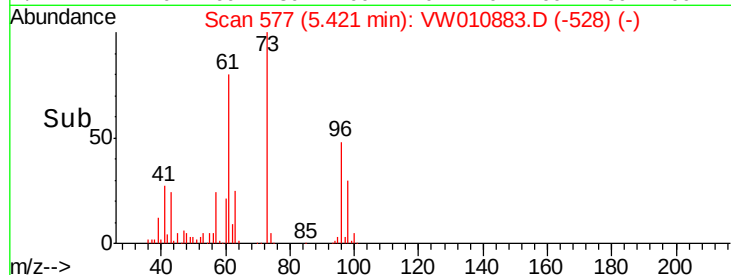
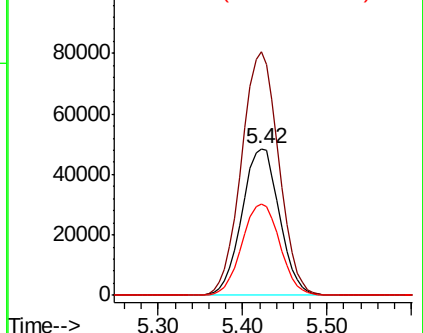


Abundance

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: 54.936 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Tgt Ion: 45 Resp: 589117

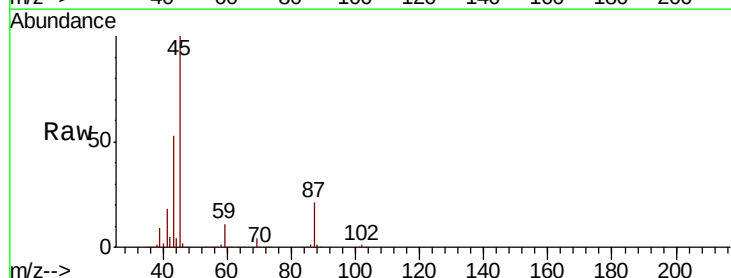
Ion Ratio Lower Upper

45 100

43 53.2 42.5 63.7

87 20.9 17.4 26.2

59 10.4 8.1 12.1



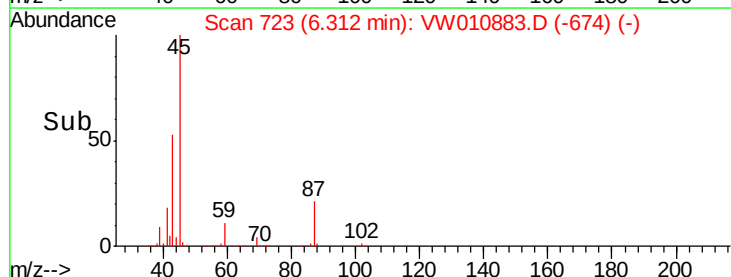
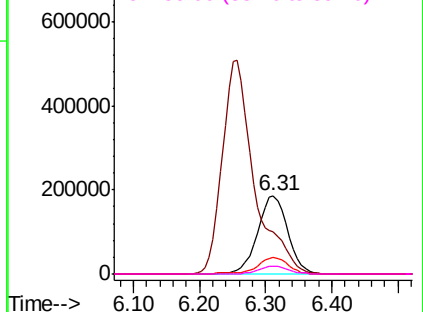
Abundance

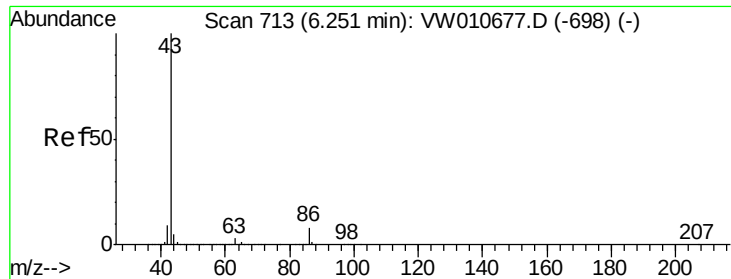
Ion 45.00 (44.70 to 45.70): VW

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

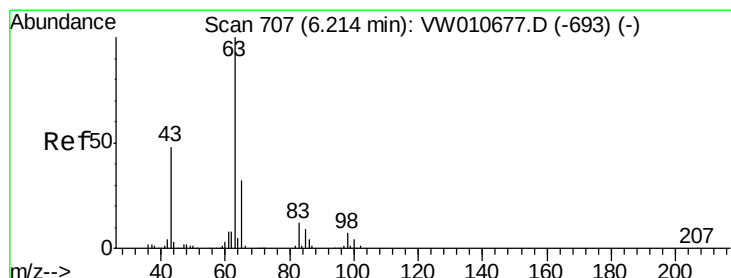
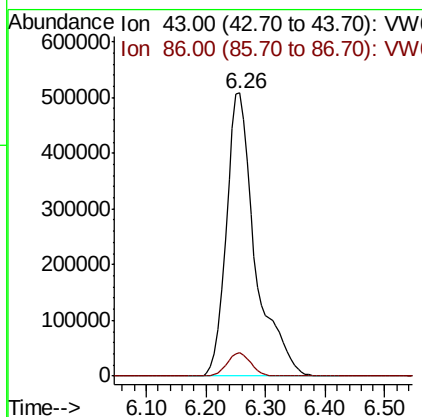
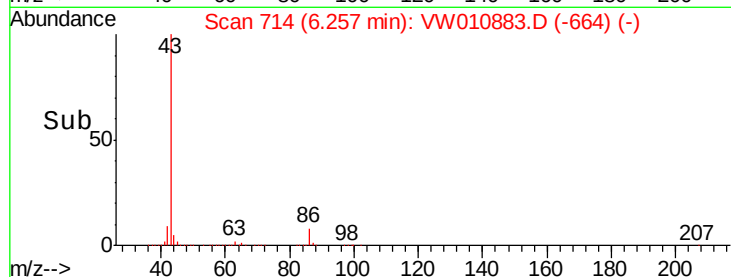
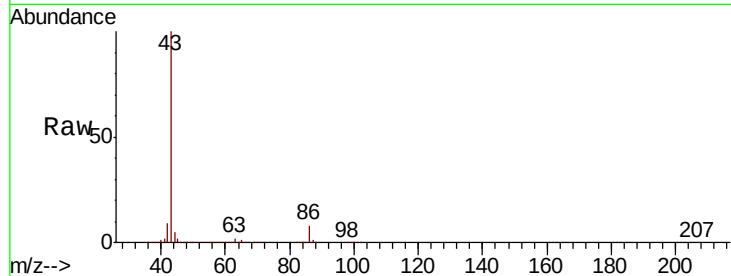




#23
 Vinyl Acetate
 Concen: 263.366 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

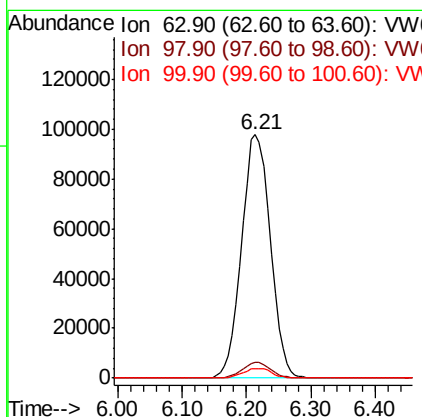
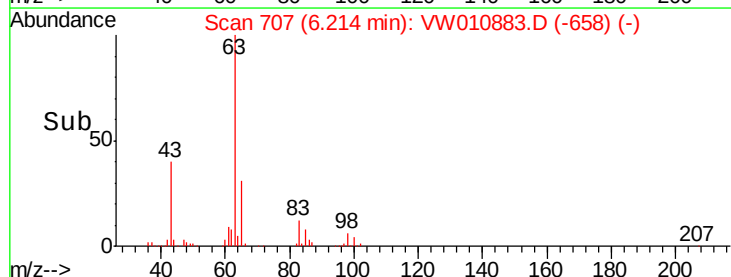
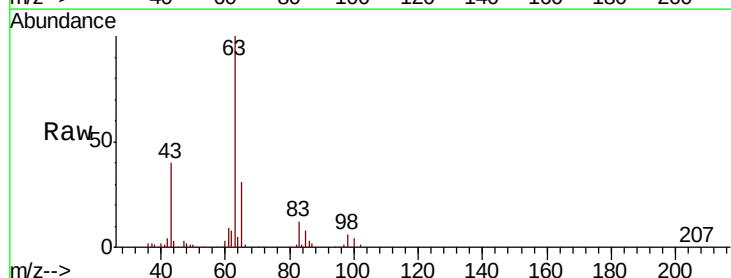
Instrument :
 MSVOA_W
 ClientSampled :

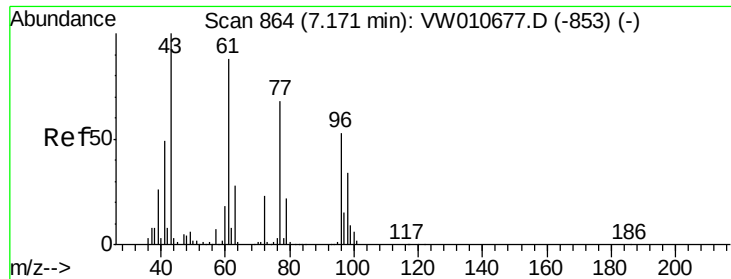
Tot Ion: 43 Resp: 1704429
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.6 10.0



#24
 1,1-Dichloroethane
 Concen: 55.827 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Tgt Ion: 63 Resp: 300021
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 3.9 2.1 6.3





#25

2-Butanone

Concen: 260.917 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

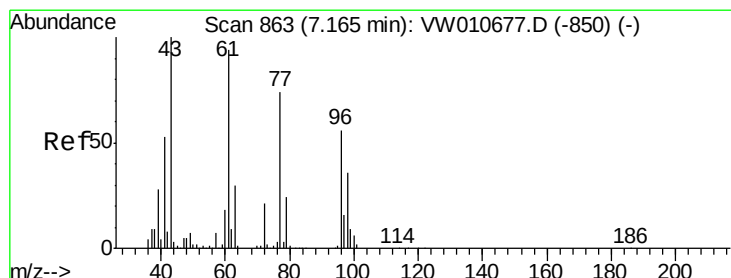
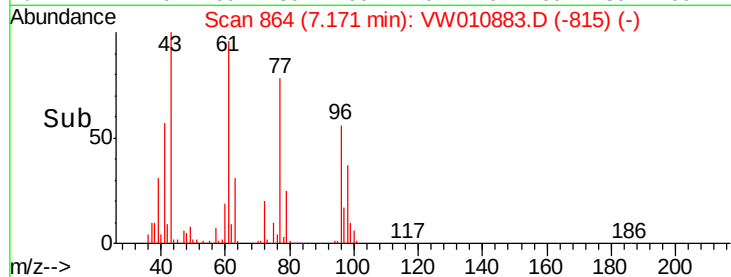
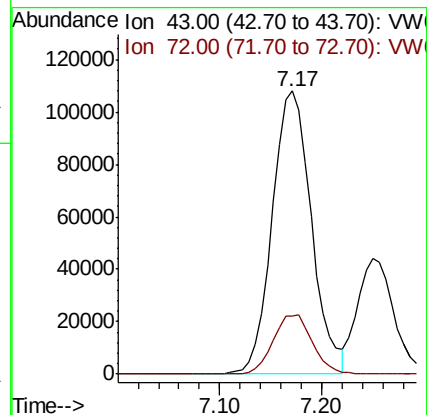
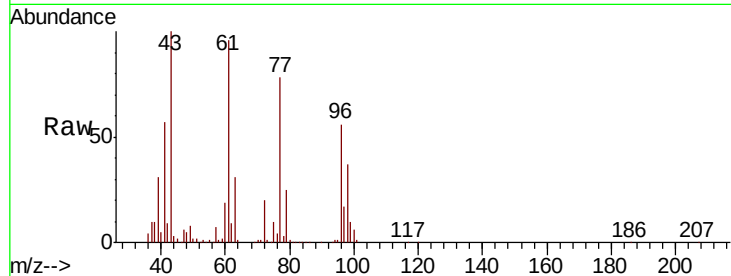
ClientSampled :

Tot Ion: 43 Resp: 287033

Ion Ratio Lower Upper

43 100

72 20.4 18.1 27.1



#26

2,2-Dichloropropane

Concen: 58.916 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010883.D

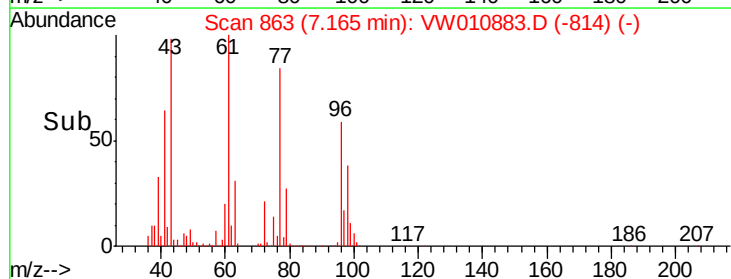
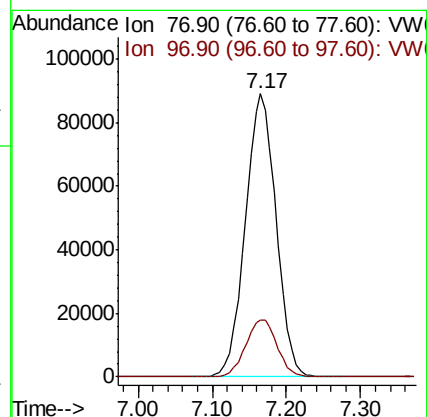
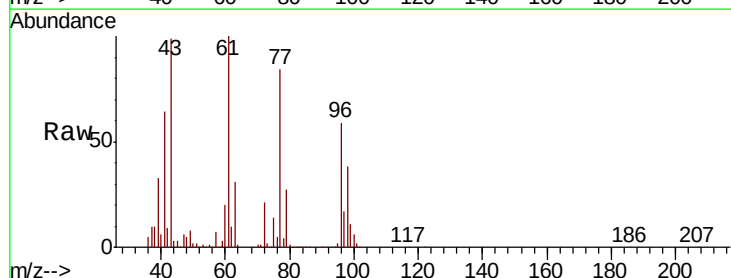
Acq: 20 Jun 2019 10:46

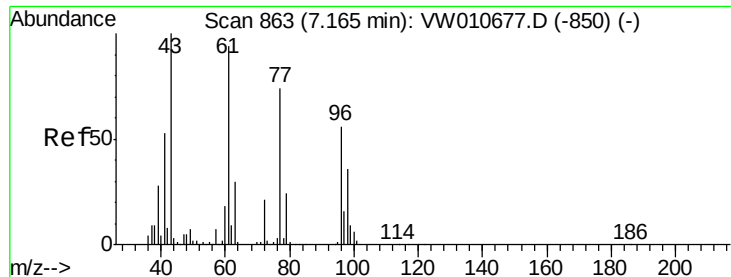
Tgt Ion: 77 Resp: 257644

Ion Ratio Lower Upper

77 100

97 20.4 10.5 31.6



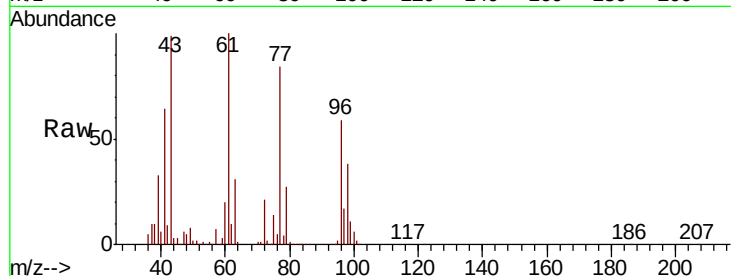


#27

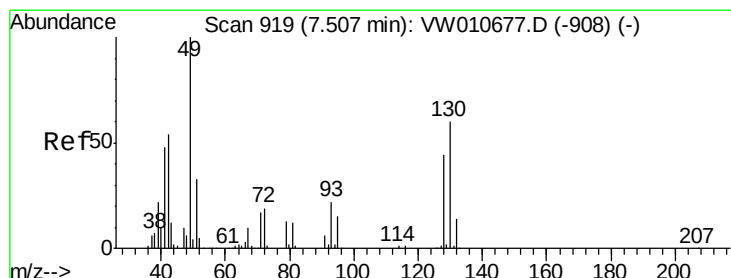
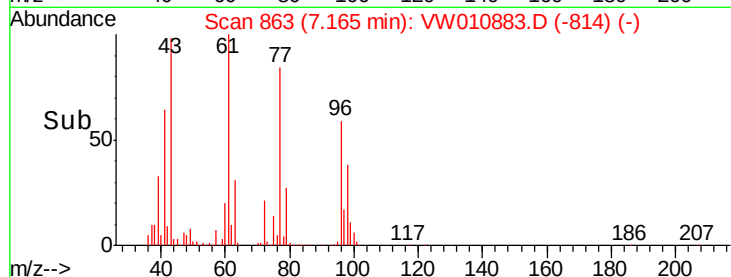
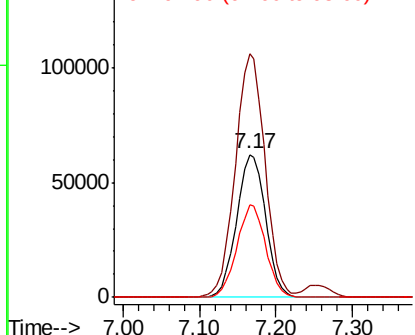
cis-1,2-Dichloroethene
Concen: 53.731 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	174.5	0.0	336.4
98	64.3	0.0	128.0



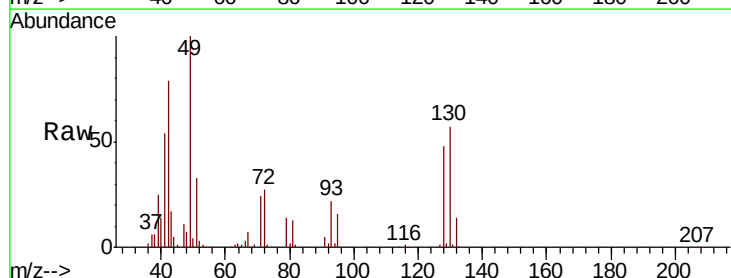
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



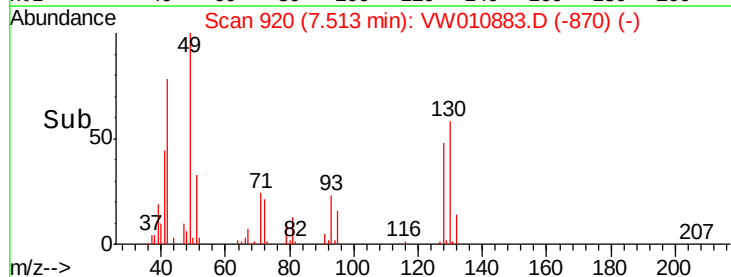
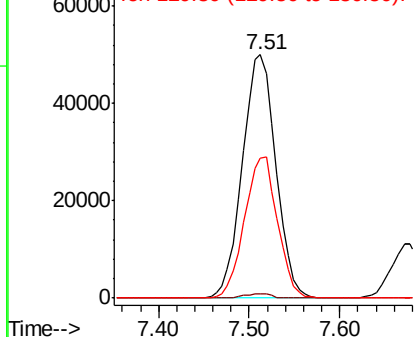
#28

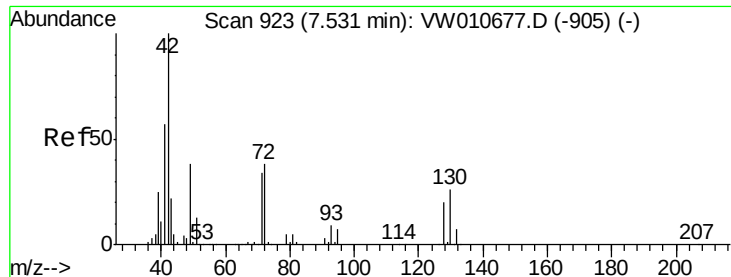
Bromochloromethane
Concen: 53.311 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.2
130	56.9	48.3	72.5



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

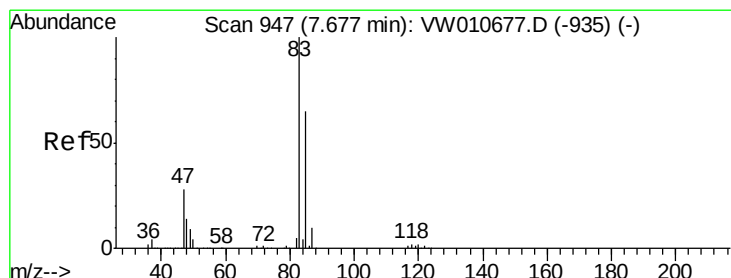
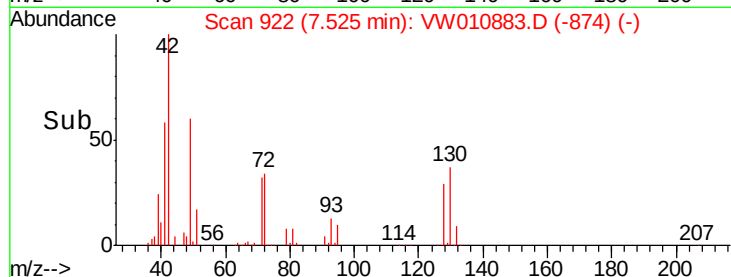
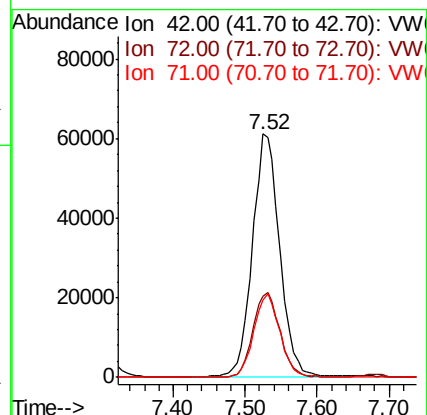
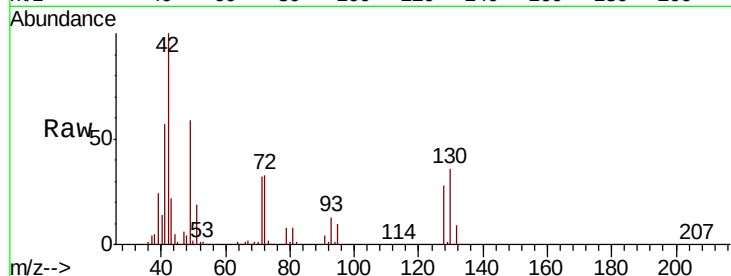




#29
Tetrahydrofuran
Concen: 231.875 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

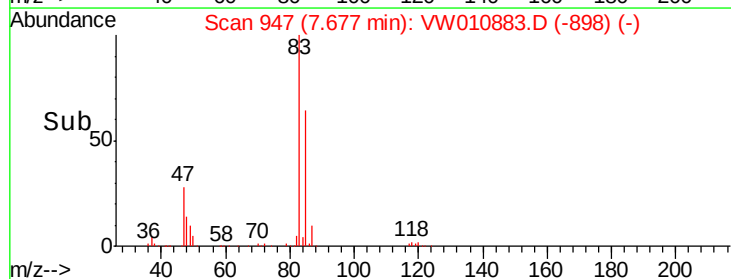
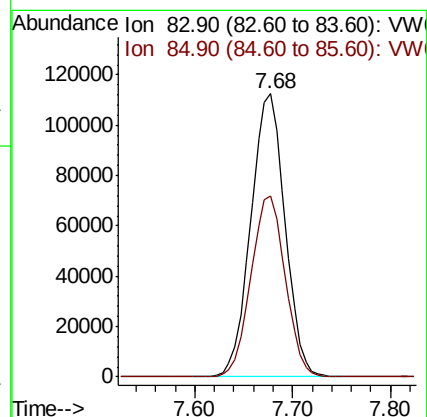
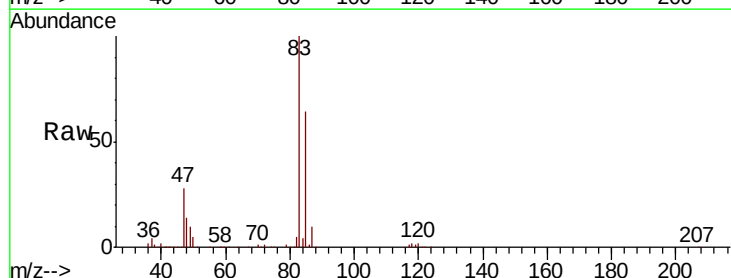
Instrument :
MSVOA_W
ClientSampled :

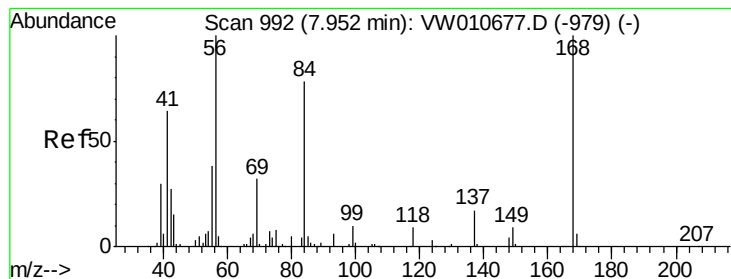
Tot Ion: 42 Resp: 160446
Ion Ratio Lower Upper
42 100
72 34.6 28.7 43.1
71 32.9 26.6 39.8



#30
Chloroform
Concen: 55.387 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion: 83 Resp: 272257
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.8





#31

Cyclohexane

Concen: 51.233 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampled :

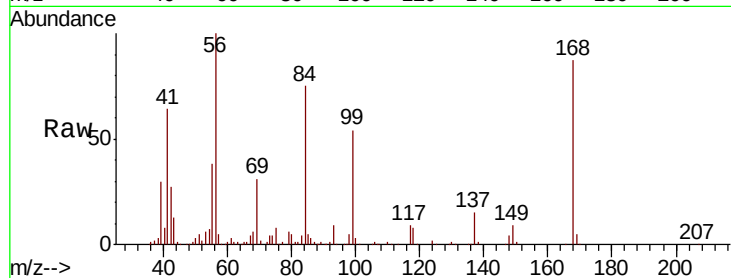
Tot Ion: 56 Resp: 306064

Ion Ratio Lower Upper

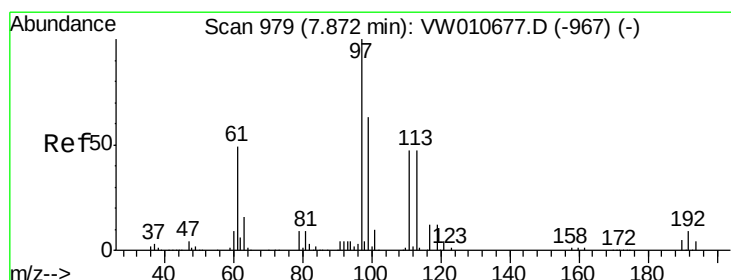
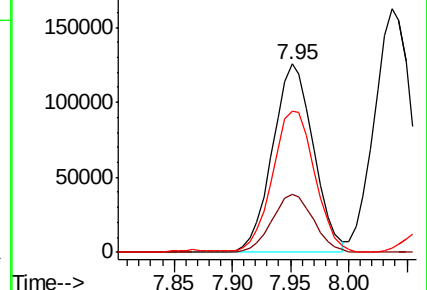
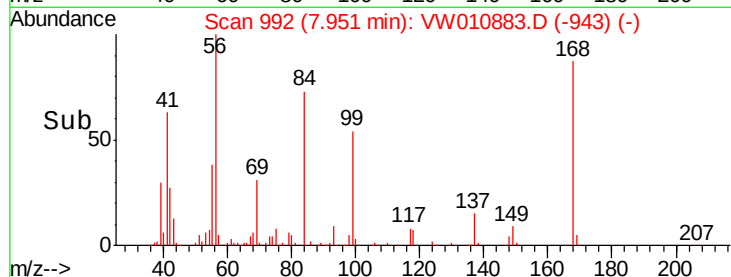
56 100

69 31.0 25.2 37.8

84 73.8 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: 56.506 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

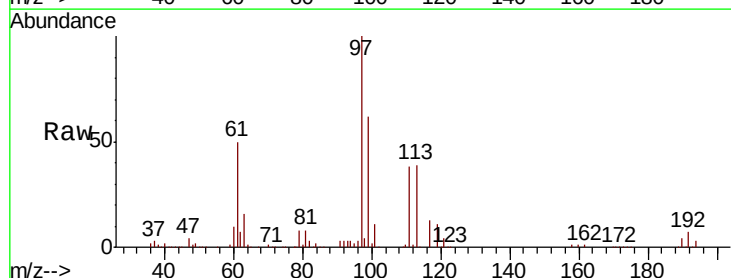
Tgt Ion: 97 Resp: 242632

Ion Ratio Lower Upper

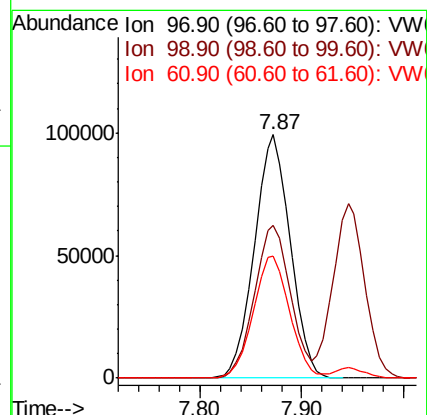
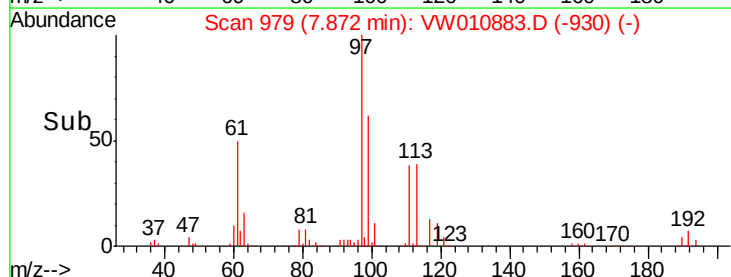
97 100

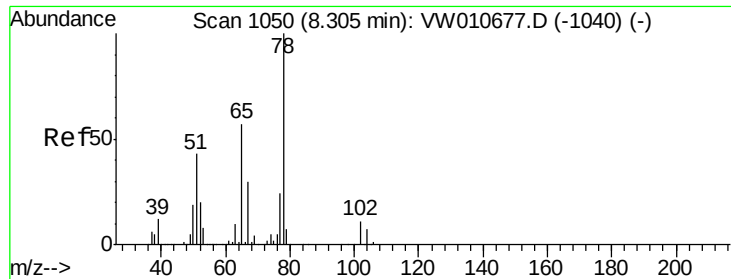
99 63.5 51.3 76.9

61 51.0 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

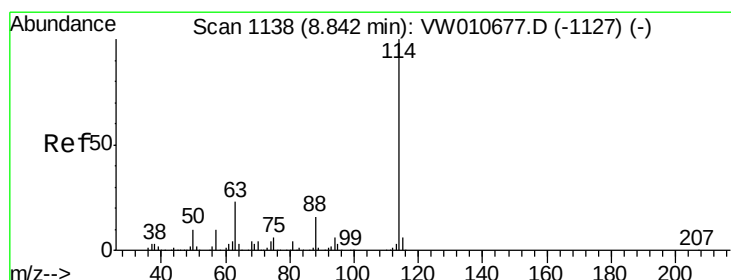
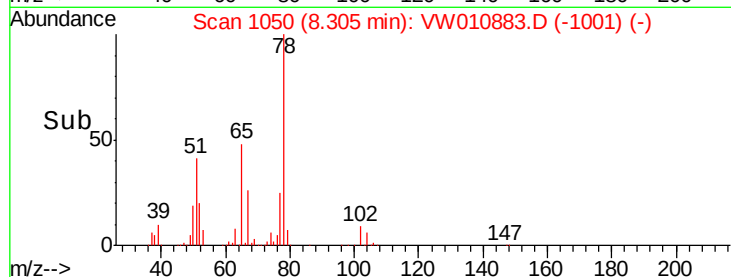
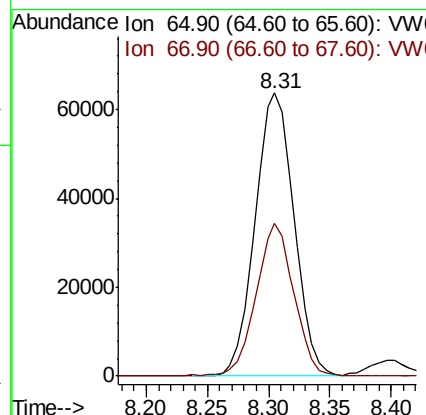
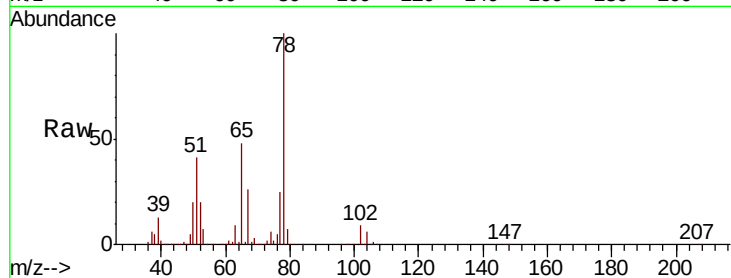




#33
 1,2-Dichloroethane-d4
 Concen: 47.738 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

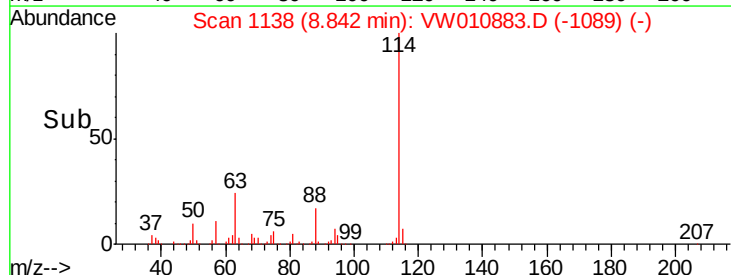
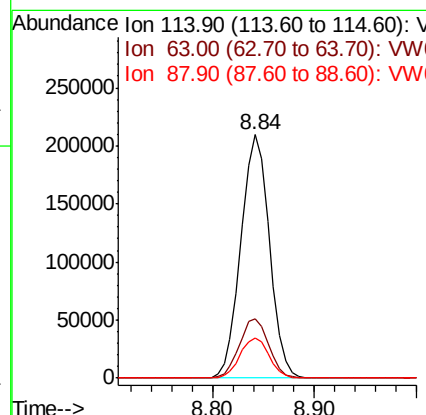
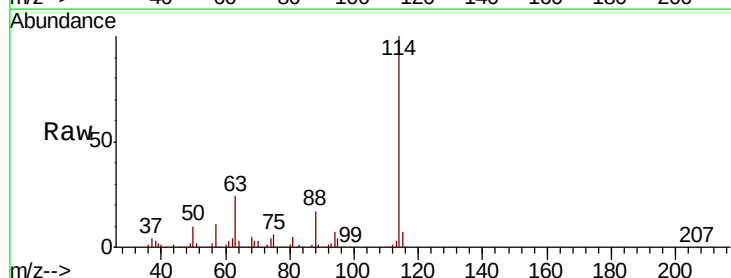
Instrument :
 MSVOA_W
 ClientSampleId :

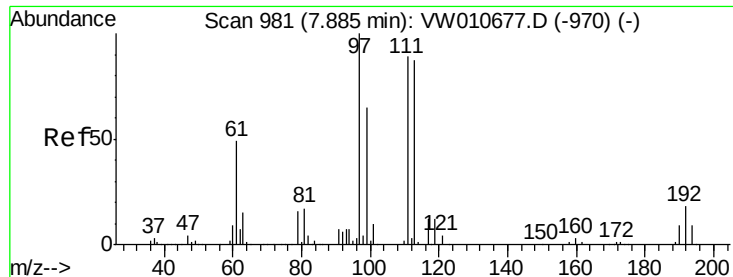
Tot Ion: 65 Resp: 141346
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Tgt Ion: 114 Resp: 407392
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 46.4
 88 16.7 0.0 32.2

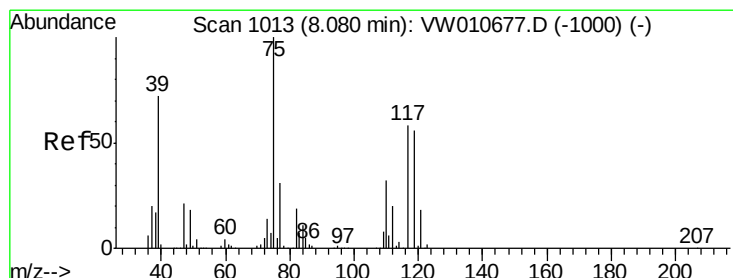
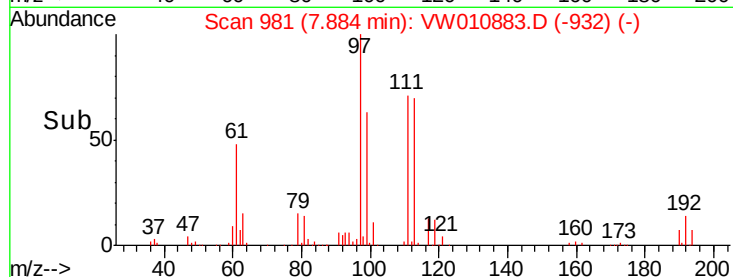
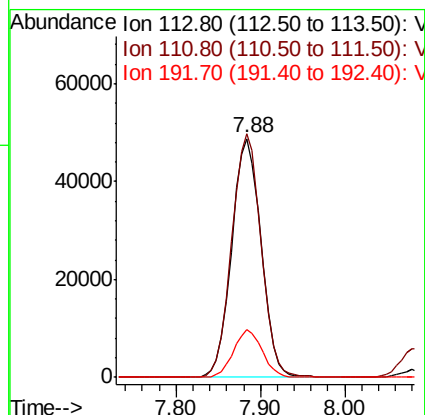
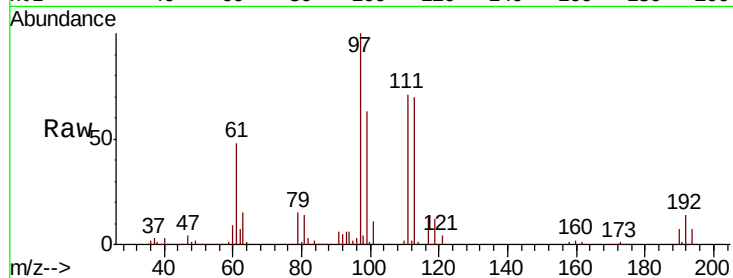




#35
 Dibromofluoromethane
 Concen: 52.018 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

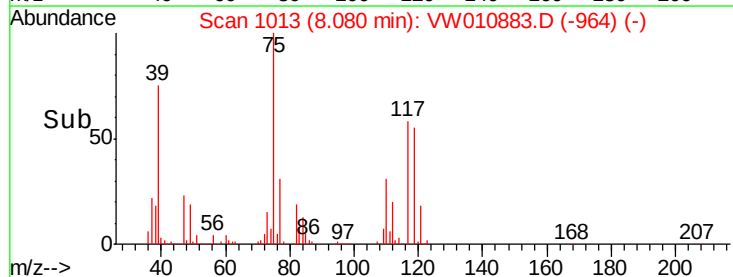
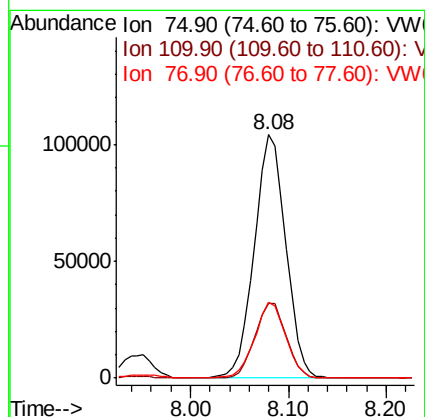
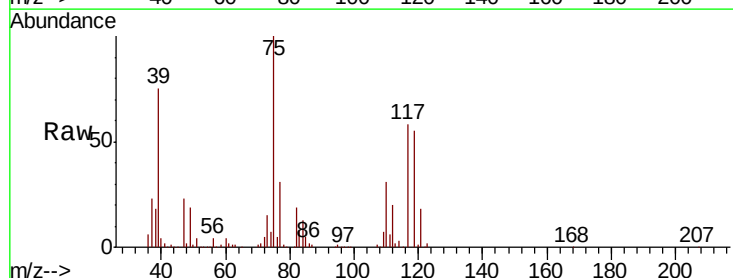
Instrument :
 MSVOA_W
 ClientSampleId :

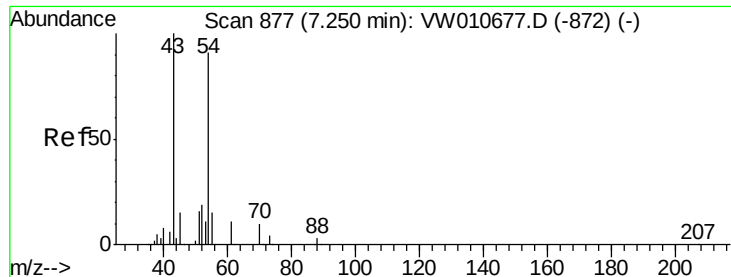
Tot Ion:113 Resp: 115024
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.6 123.8
 192 19.2 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 55.737 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Tgt Ion: 75 Resp: 232432
 Ion Ratio Lower Upper
 75 100
 110 31.0 15.8 47.3
 77 30.9 24.7 37.1

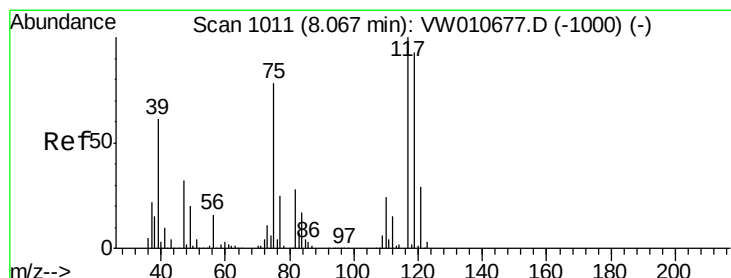
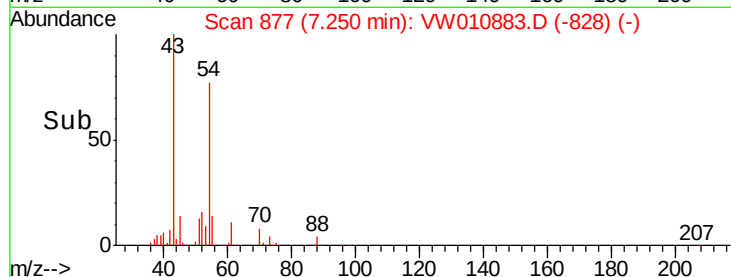
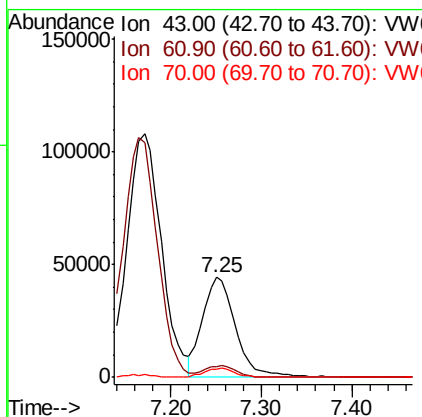
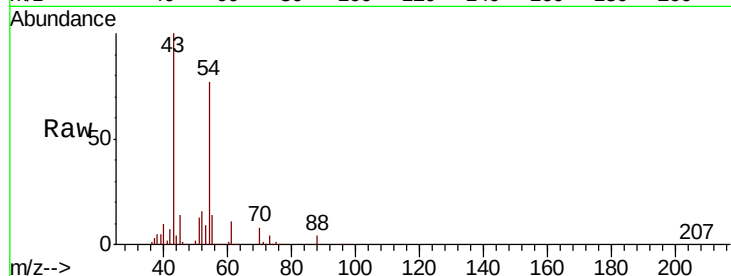




#37
Ethyl Acetate
Concen: 48.049 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

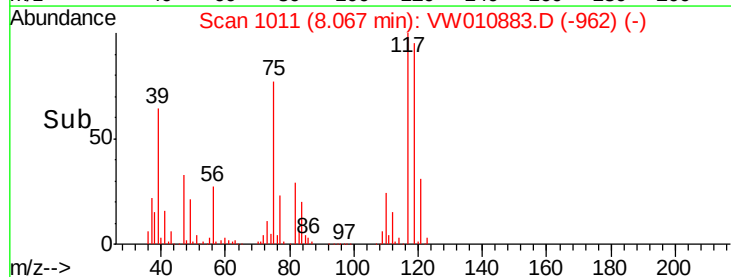
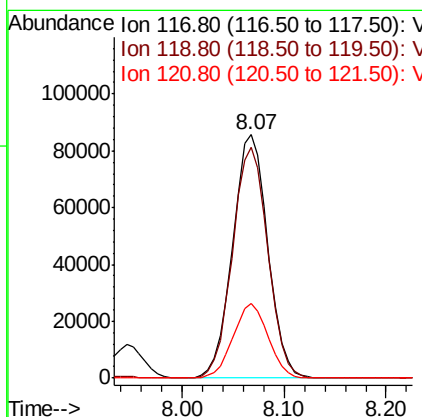
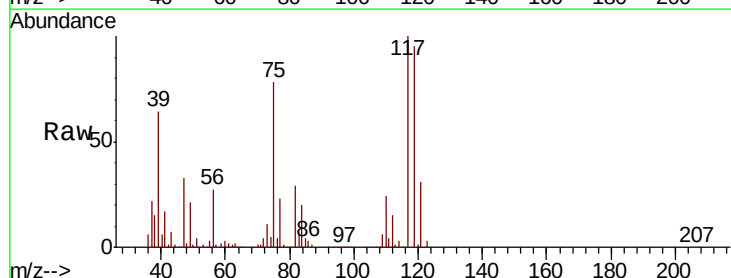
Instrument :
MSVOA_W
ClientSampled :

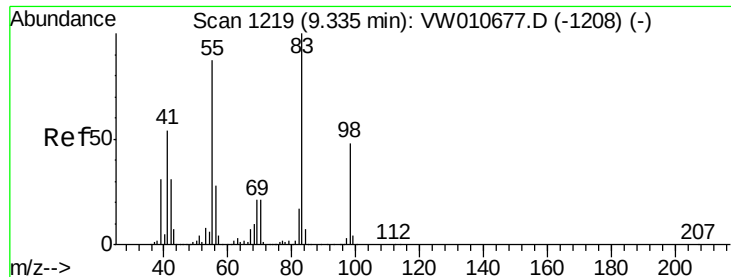
Tot Ion: 43 Resp: 111033
Ion Ratio Lower Upper
43 100
61 11.8 9.7 14.5
70 8.7 7.2 10.8



#38
Carbon Tetrachloride
Concen: 56.652 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion: 117 Resp: 203941
Ion Ratio Lower Upper
117 100
119 94.8 74.2 111.4
121 30.7 22.9 34.3

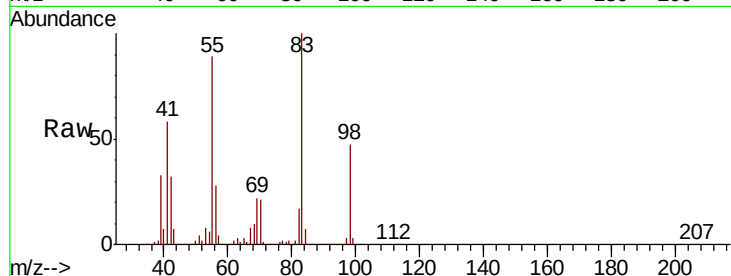




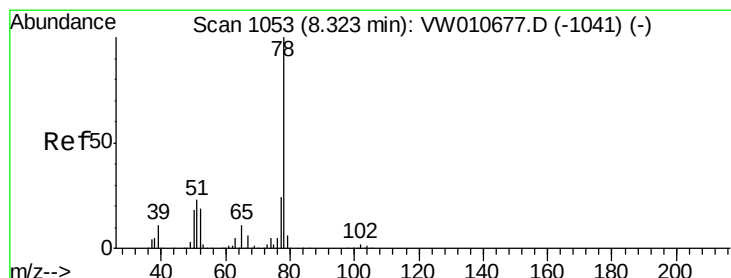
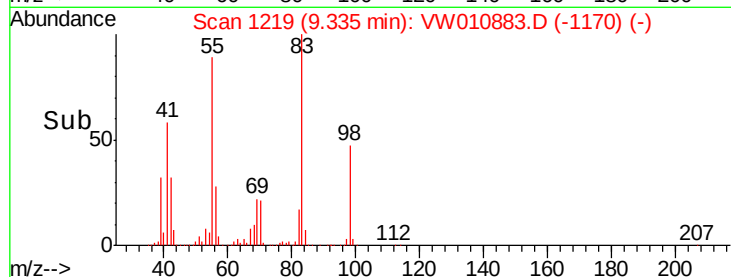
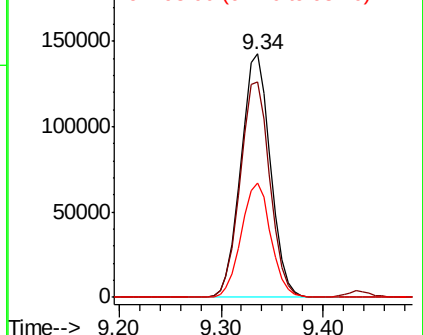
#39
Methylvlcyclohexane
Concen: 54.043 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 286489
Ion Ratio Lower Upper
83 100
55 88.6 70.0 105.0
98 47.2 38.1 57.1

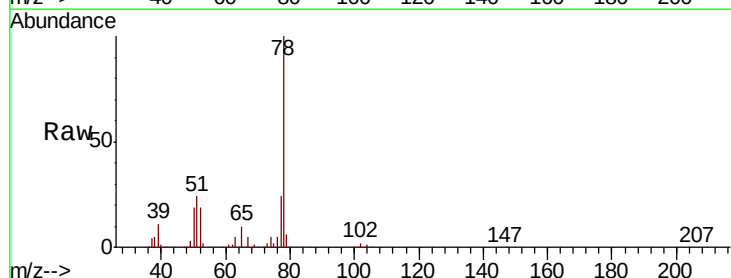


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

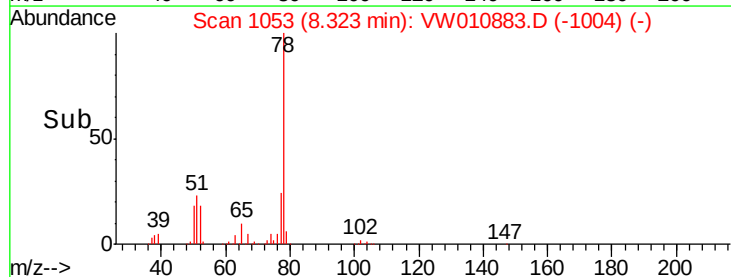
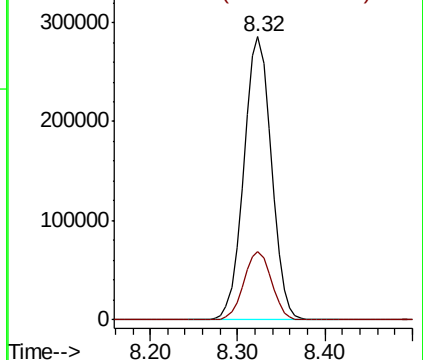


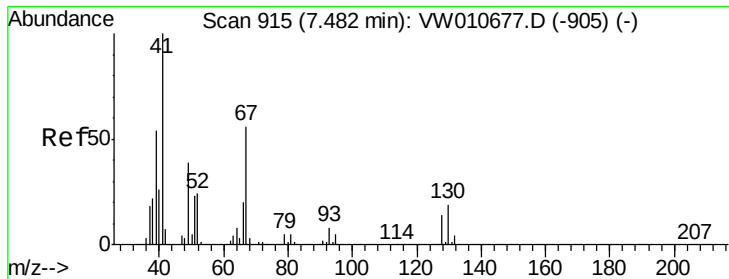
#40
Benzene
Concen: 54.873 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion: 78 Resp: 624250
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7



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





#41

Methacrylonitrile

Concen: 55.345 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 41 Resp: 76019

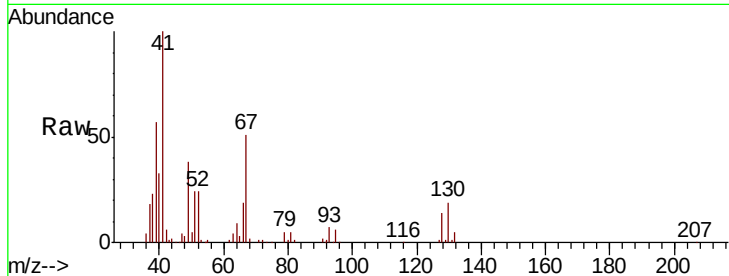
Ion Ratio Lower Upper

41 100

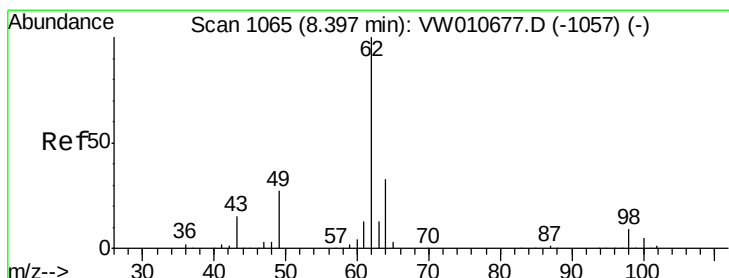
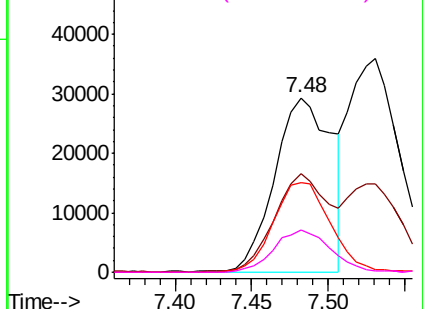
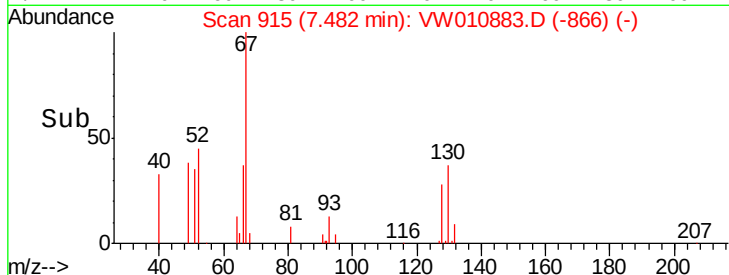
39 54.4 47.3 70.9

67 51.6 47.2 70.8

52 24.5 21.3 31.9



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 53.922 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW010883.D

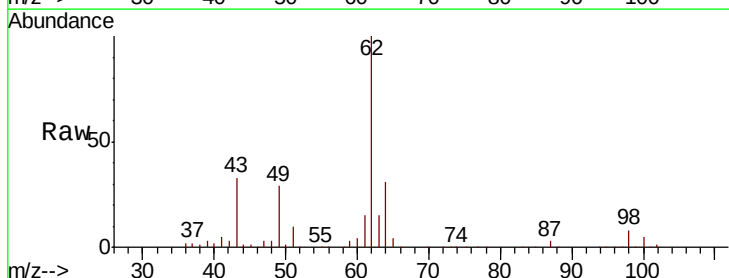
Acq: 20 Jun 2019 10:46

Tgt Ion: 62 Resp: 194690

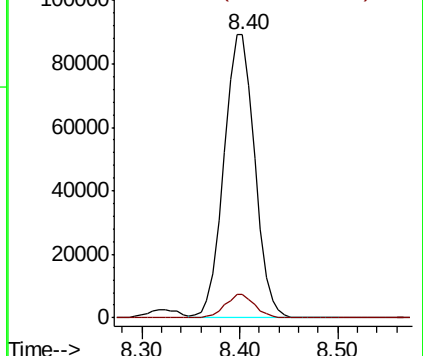
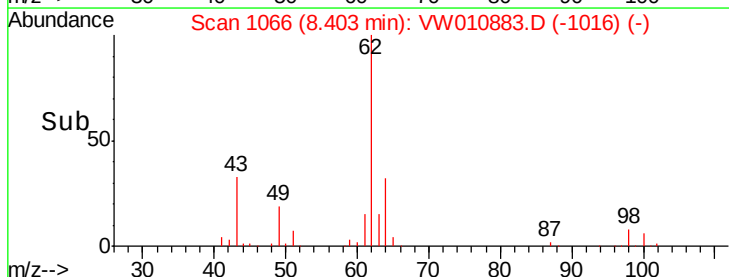
Ion Ratio Lower Upper

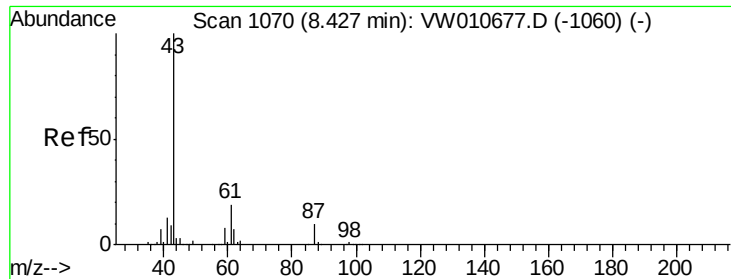
62 100

98 8.0 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 49.527 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

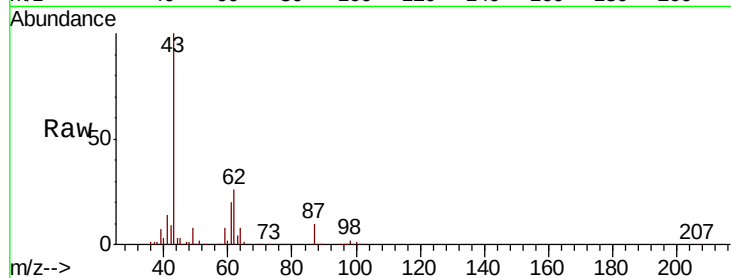
Tot Ion: 43 Resp: 221110

Ion Ratio Lower Upper

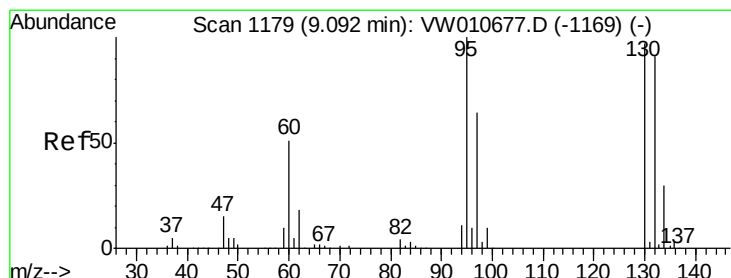
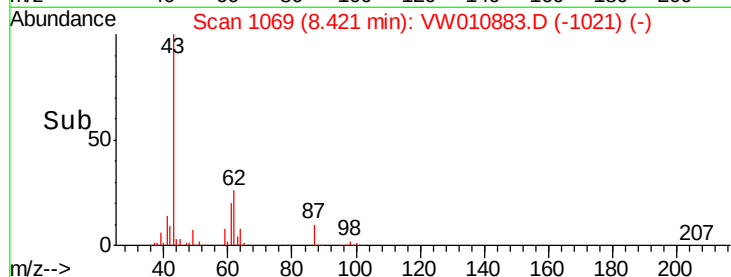
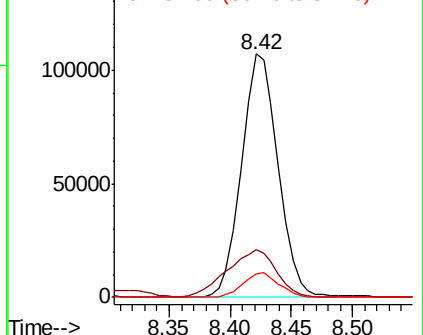
43 100

61 26.5 21.2 31.8

87 10.1 8.3 12.5



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



#44

Trichloroethene

Concen: 53.950 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010883.D

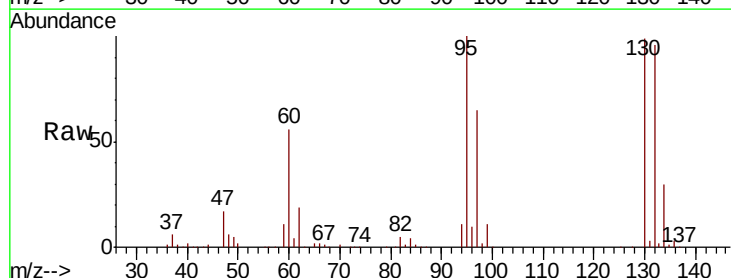
Acq: 20 Jun 2019 10:46

Tgt Ion:130 Resp: 151399

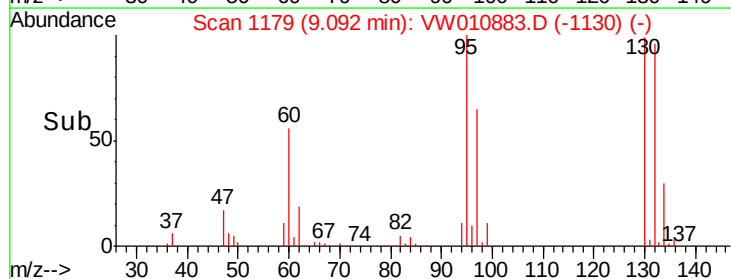
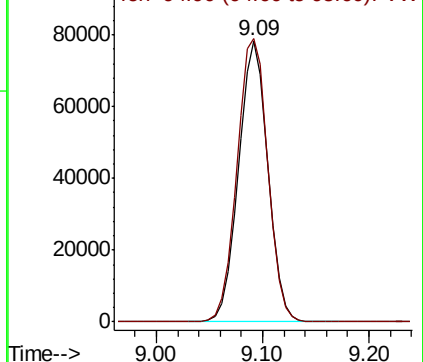
Ion Ratio Lower Upper

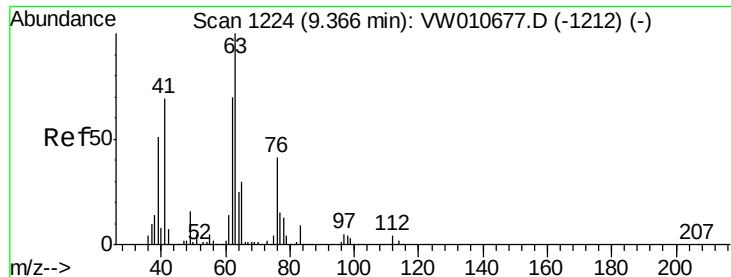
130 100

95 100.7 0.0 207.0



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

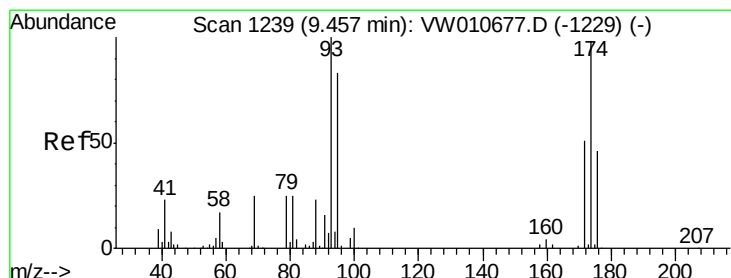
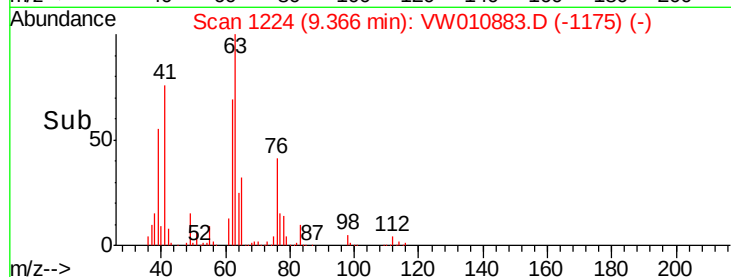
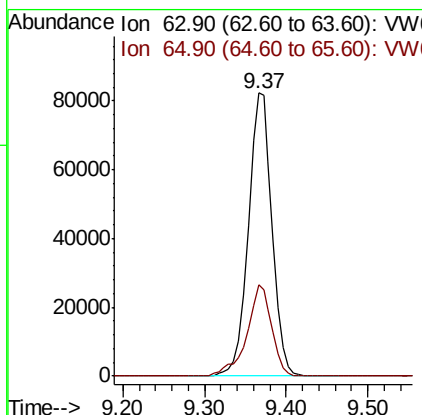
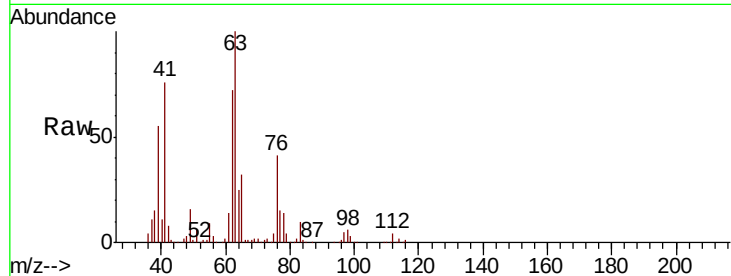




#45
 1,2-Dichloropropane
 Concen: 55.116 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

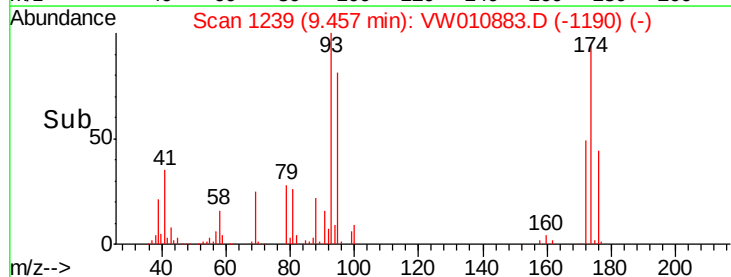
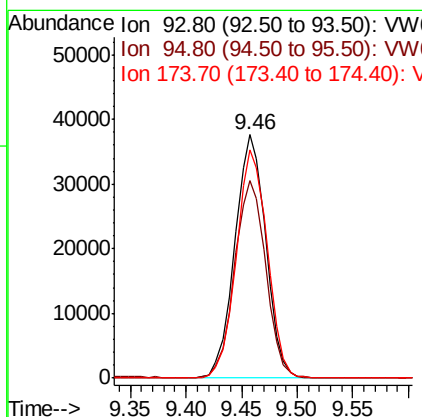
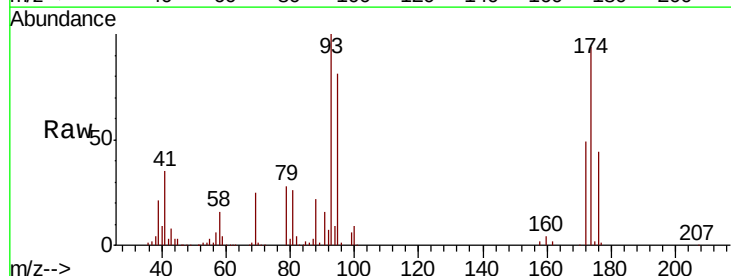
Instrument :
 MSVOA_W
 ClientSampleId :

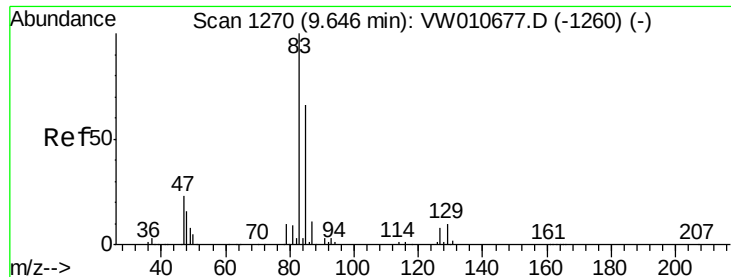
Tot Ion: 63 Resp: 165980
 Ion Ratio Lower Upper
 63 100
 65 32.2 23.8 35.6



#46
 Dibromomethane
 Concen: 51.740 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Tgt Ion: 93 Resp: 72371
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.8 98.8
 174 93.9 77.4 116.0





#47

Bromodichloromethane

Concen: 54.912 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampled :

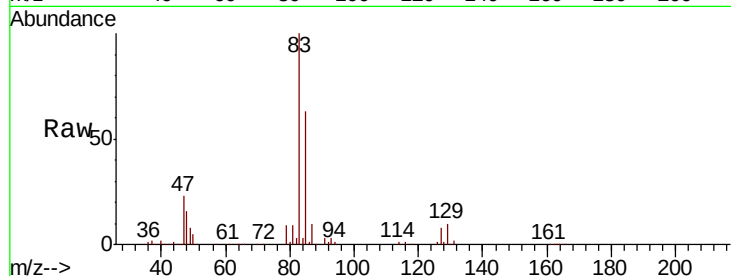
Tot Ion: 83 Resp: 199101

Ion Ratio Lower Upper

83 100

85 62.6 53.0 79.4

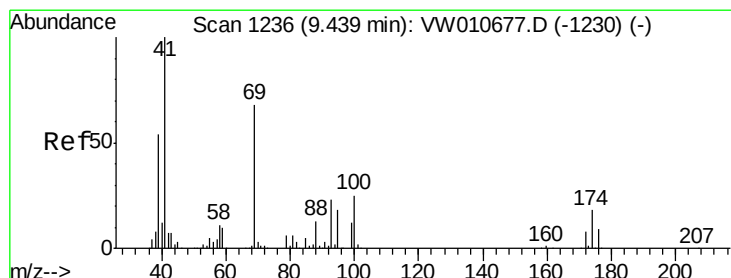
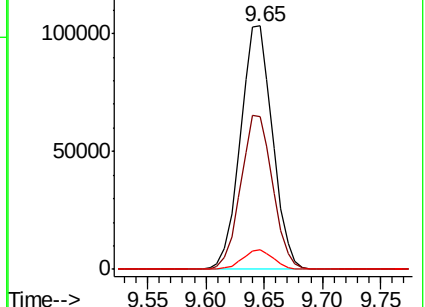
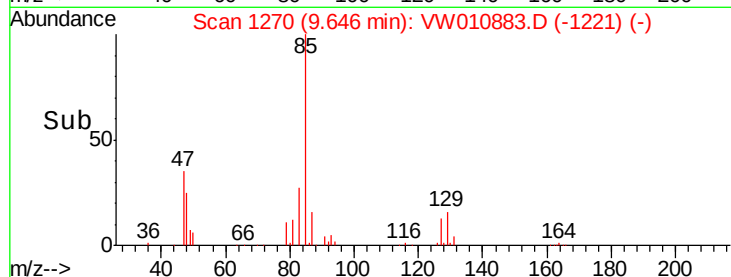
127 7.9 6.4 9.6



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: 50.207 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

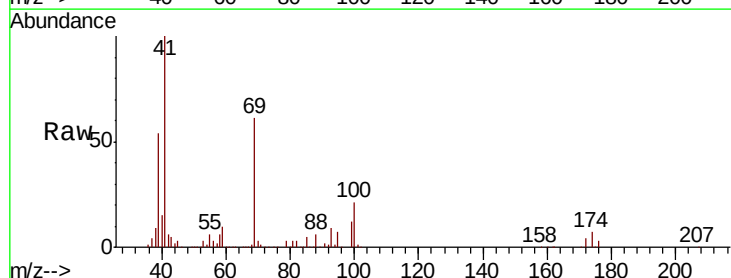
Tgt Ion: 41 Resp: 108071

Ion Ratio Lower Upper

41 100

69 69.1 56.6 85.0

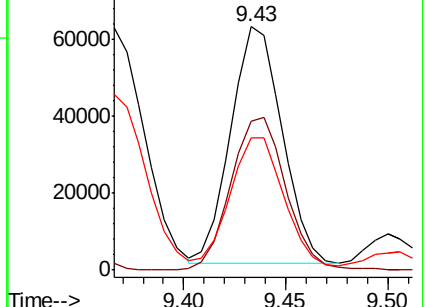
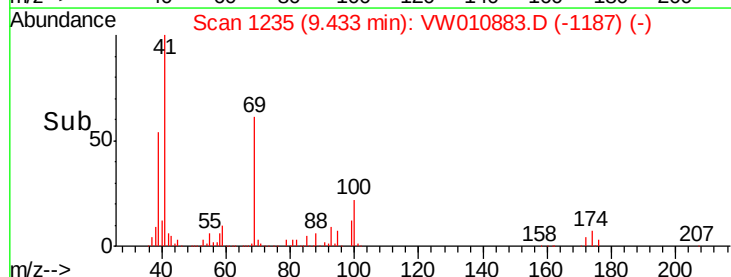
39 56.2 44.4 66.6

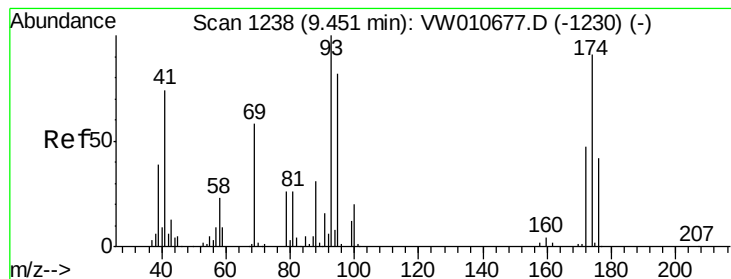


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 873.346 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :
MSVOA_W
ClientSampled :

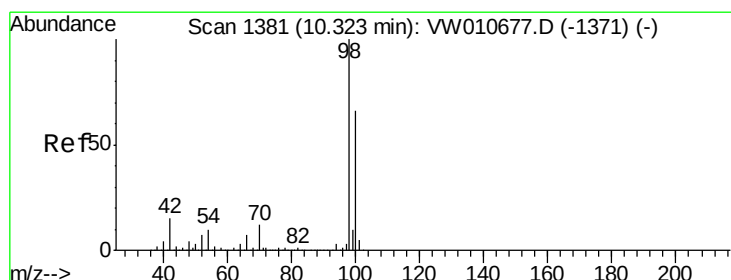
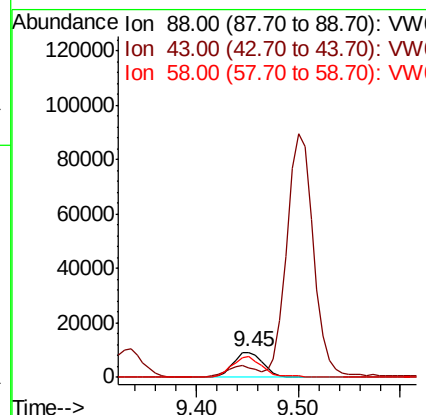
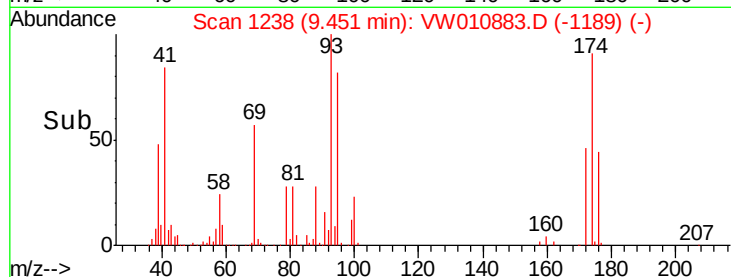
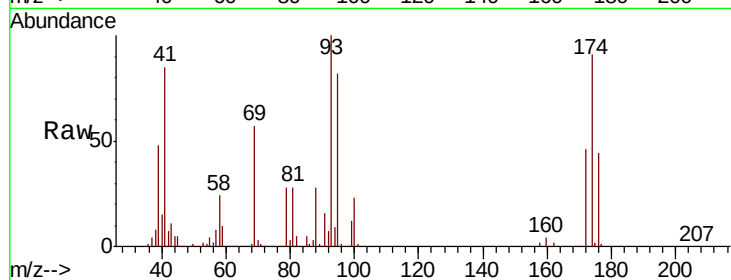
Tot Ion: 88 Resp: 19099

Ion Ratio Lower Upper

88 100

43 43.6 34.2 51.4

58 85.7 69.0 103.4



#50

Toluene-d8

Concen: 49.714 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010883.D

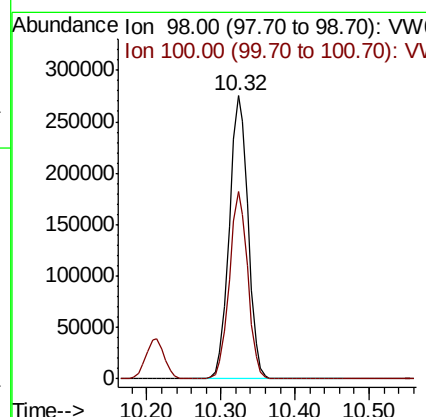
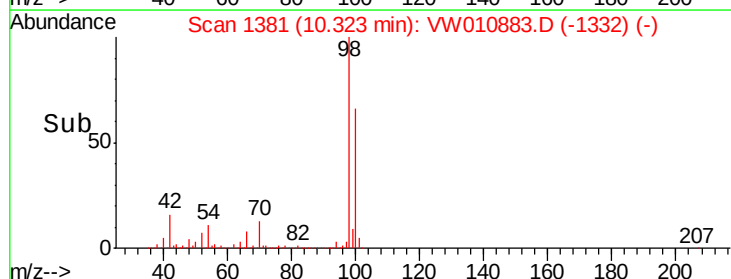
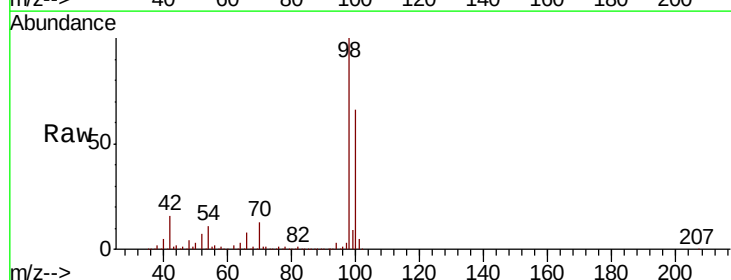
Acq: 20 Jun 2019 10:46

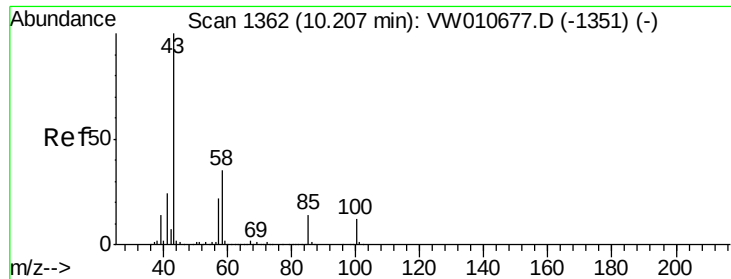
Tgt Ion: 98 Resp: 482051

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.6

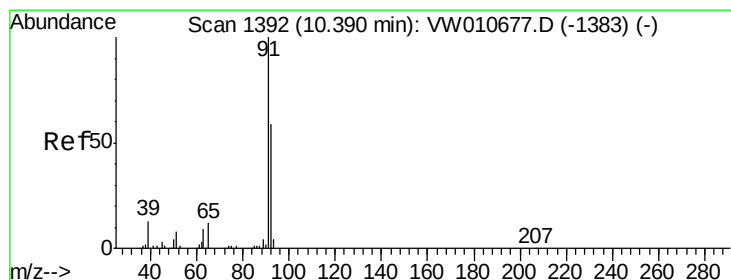
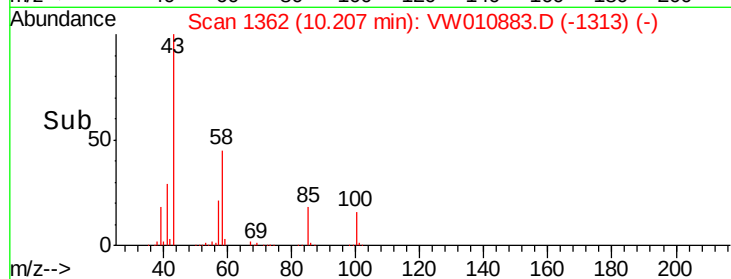
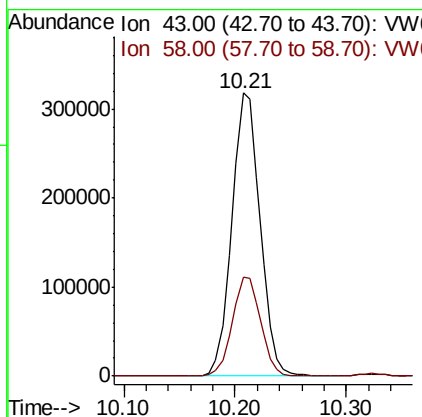
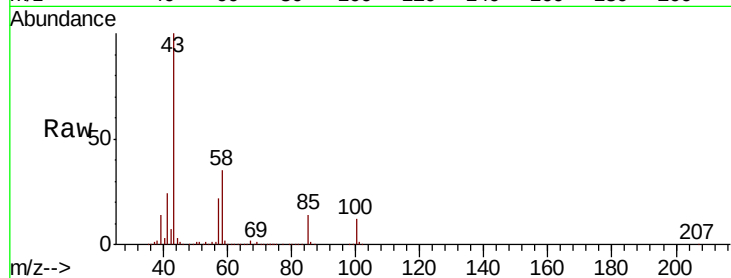




#51
4-Methyl-2-Pentanone
Concen: 244.001 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

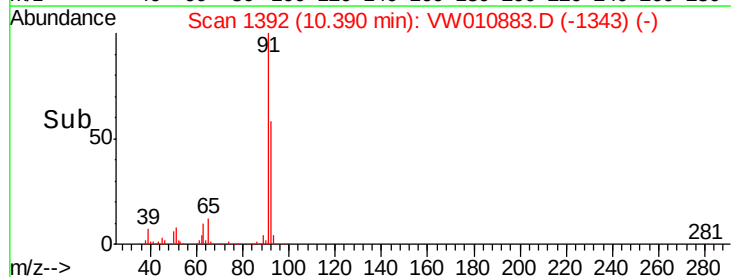
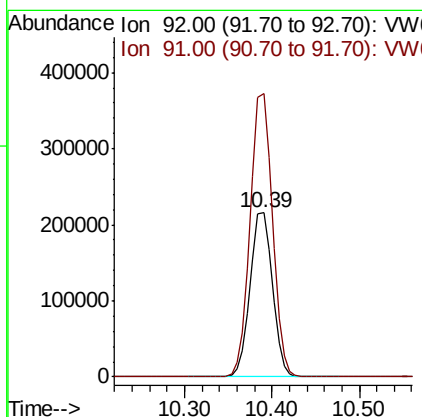
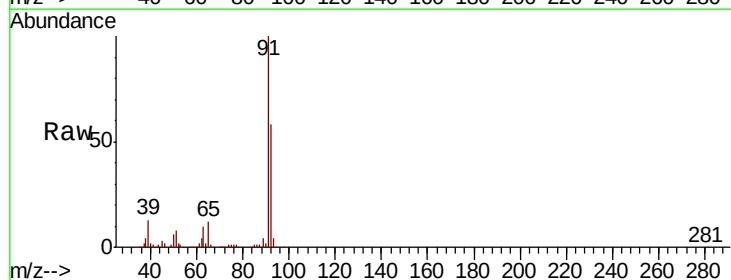
Instrument :
MSVOA_W
ClientSampled :

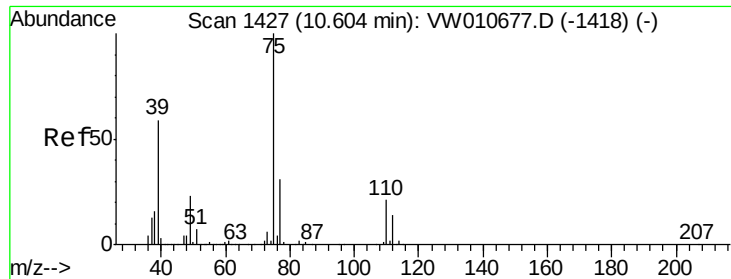
Tot Ion: 43 Resp: 556501
Ion Ratio Lower Upper
43 100
58 35.1 28.4 42.6



#52
Toluene
Concen: 54.753 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion: 92 Resp: 383250
Ion Ratio Lower Upper
92 100
91 171.9 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 52.863 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

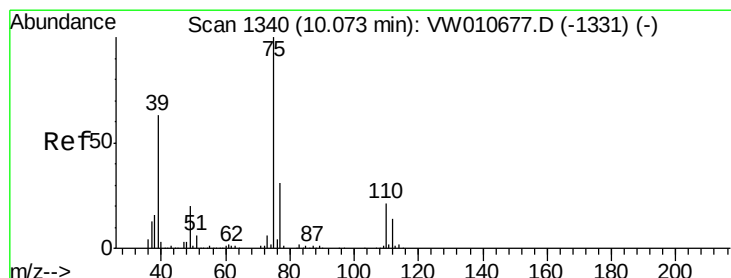
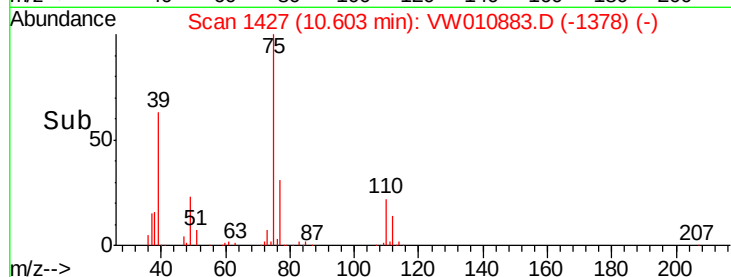
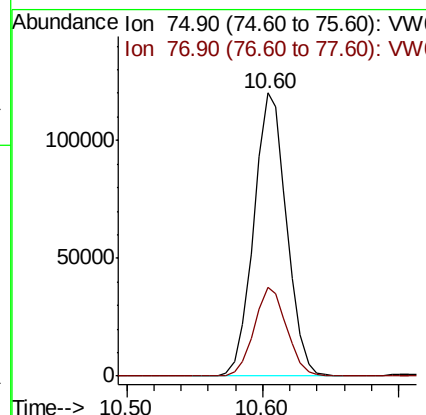
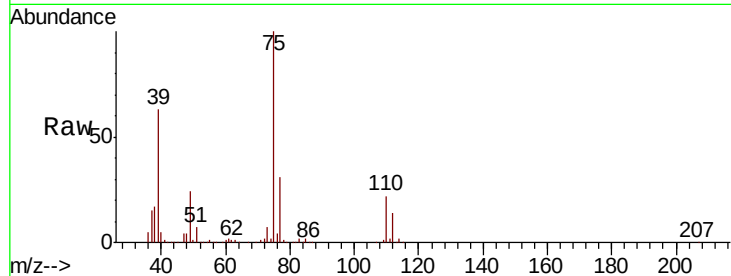
ClientSampleId :

Tot Ion: 75 Resp: 203015

Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 54.196 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

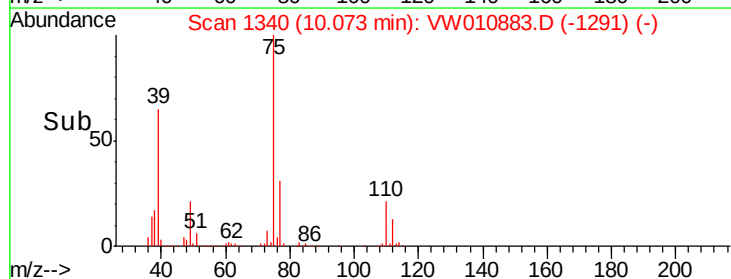
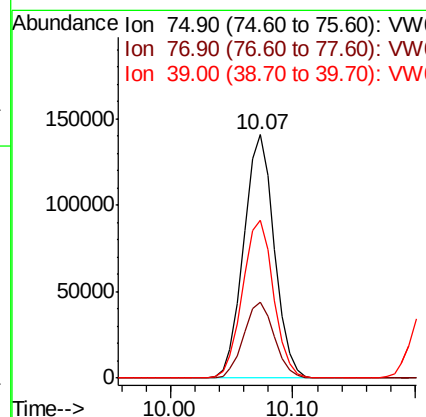
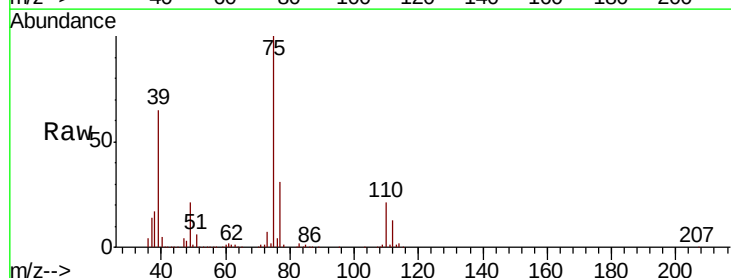
Tgt Ion: 75 Resp: 244914

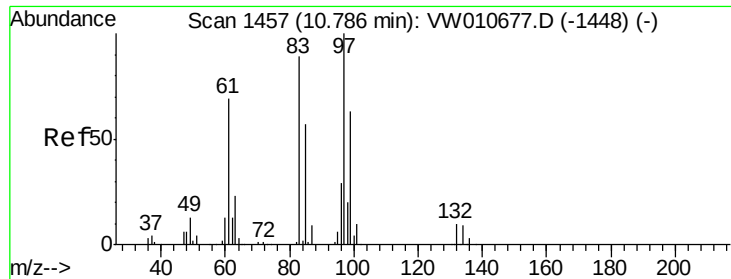
Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

39 64.9 50.1 75.1

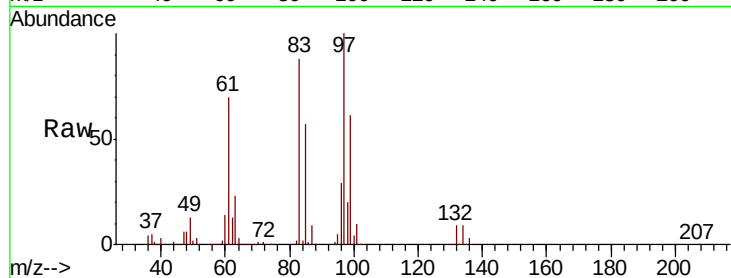




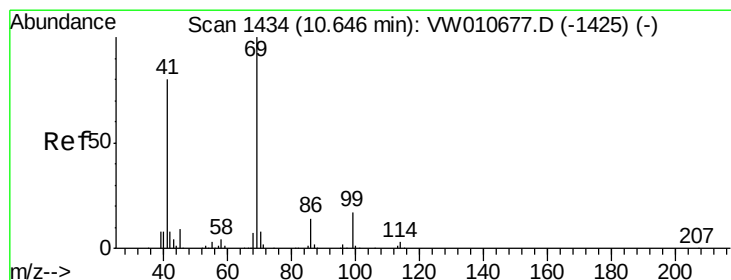
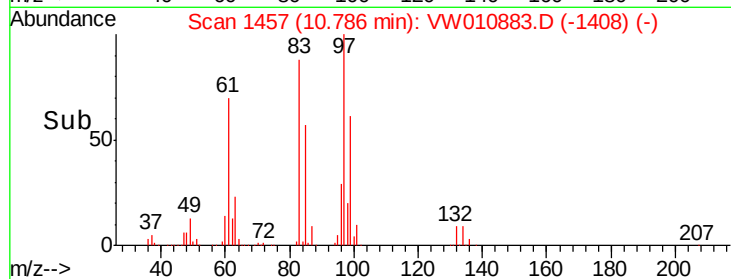
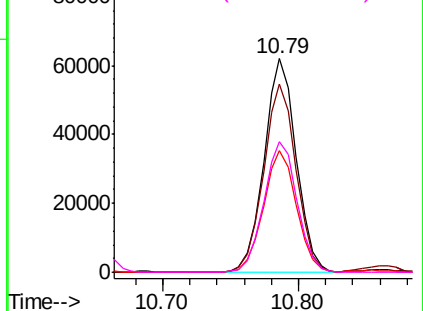
#55
 1,1,2-Trichloroethane
 Concen: 50.856 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	102477
Ion	Ratio	Lower	Upper
97	100		
83	87.8	71.1	106.7
85	57.1	45.2	67.8
99	61.3	50.0	75.0

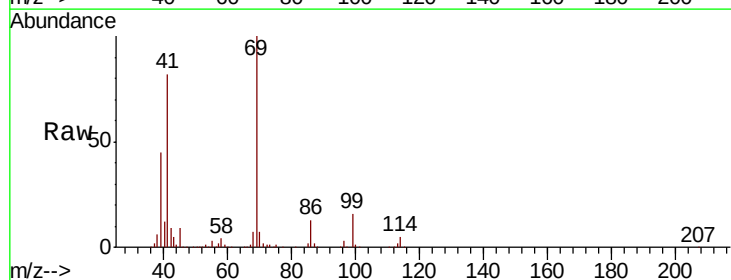


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

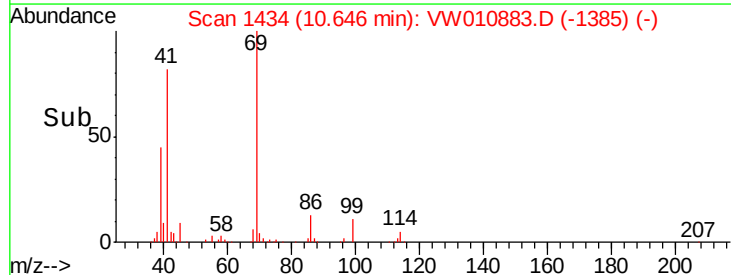
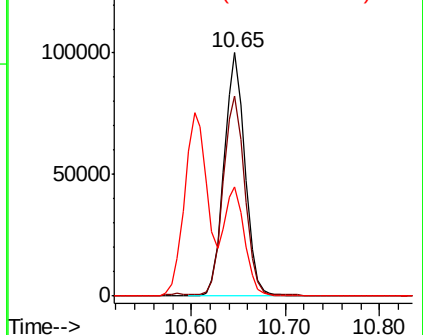


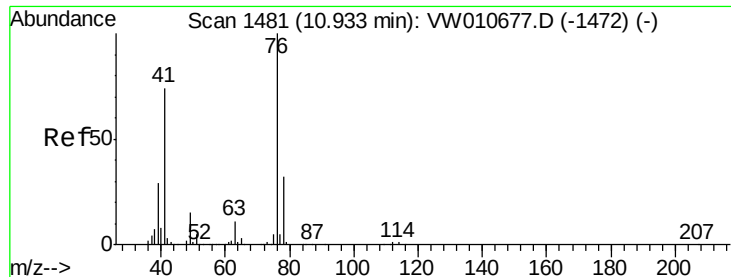
#56
 Ethyl methacrylate
 Concen: 49.485 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Tgt Ion:	69	Resp:	153435
Ion	Ratio	Lower	Upper
69	100		
41	85.2	64.8	97.2
39	43.2	32.2	48.2



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

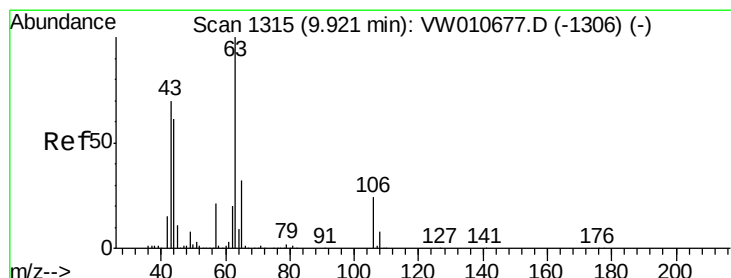
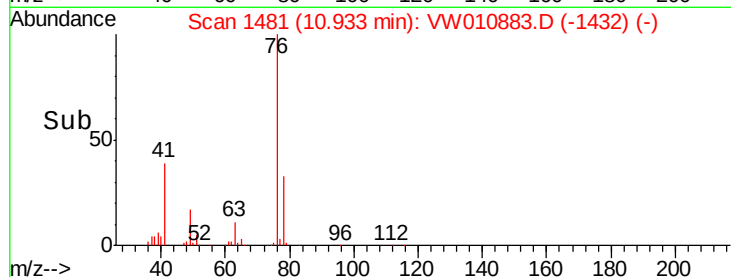
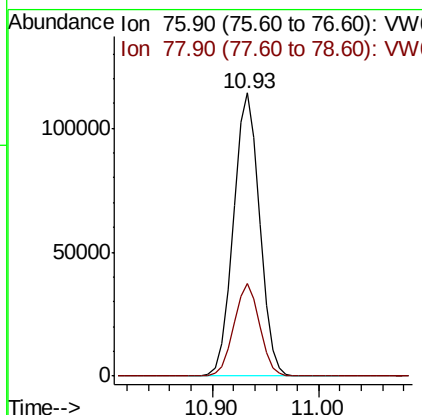
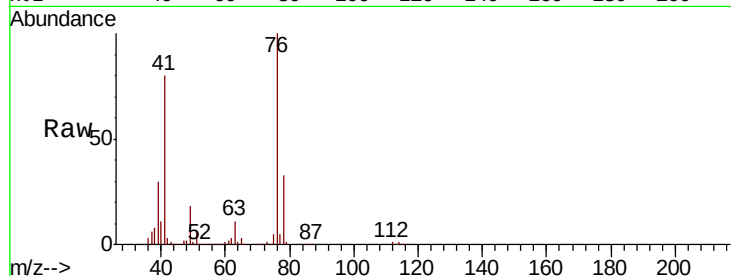




#57
 1,3-Dichloropropane
 Concen: 51.857 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

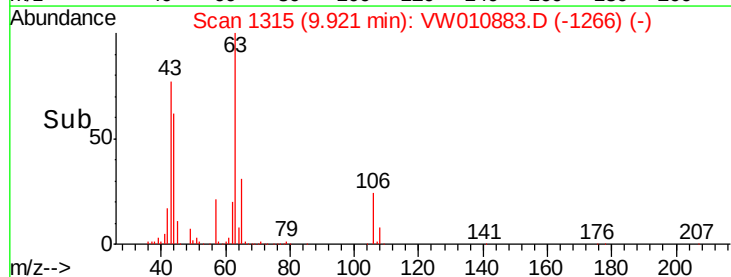
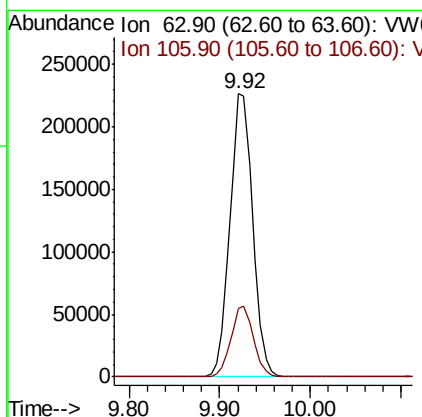
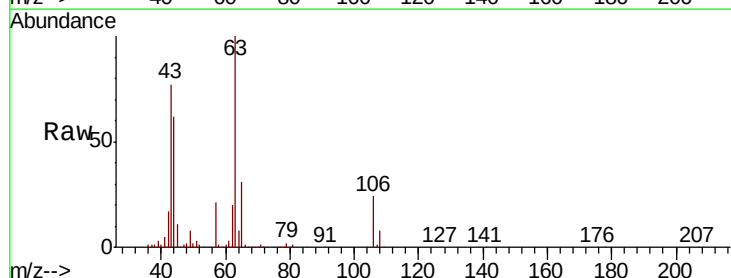
Instrument :
 MSVOA_W
 ClientSampled :

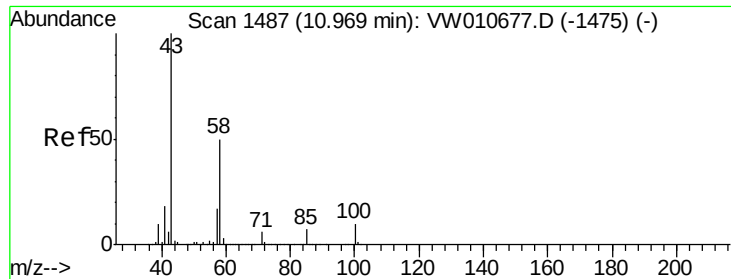
Tot Ion: 76 Resp: 196921
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 243.101 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Tgt Ion: 63 Resp: 394803
 Ion Ratio Lower Upper
 63 100
 106 24.6 20.1 30.1

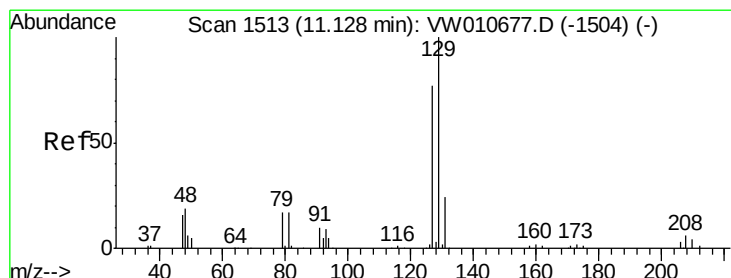
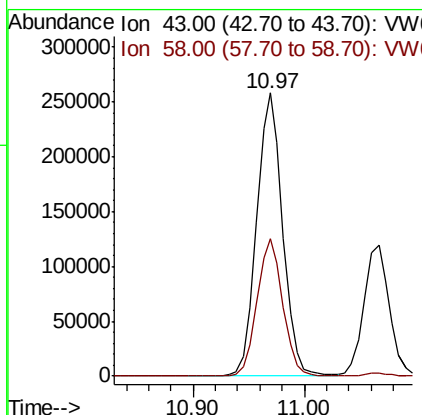
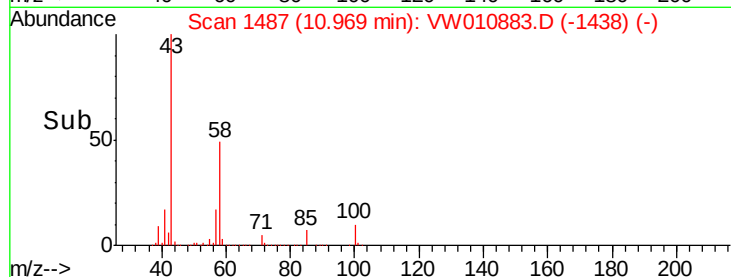
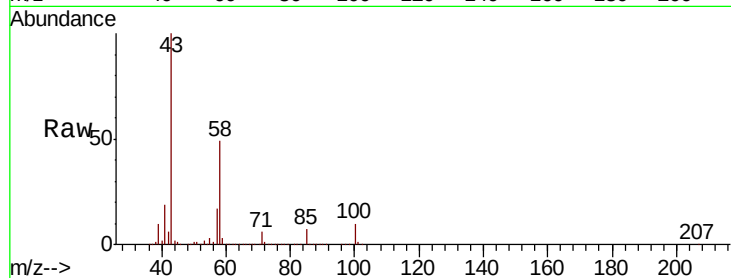




#59
2-Hexanone
Concen: 253.393 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

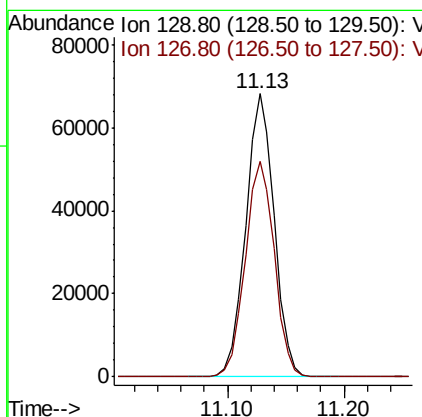
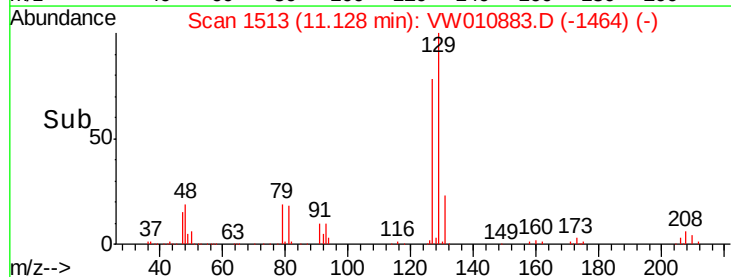
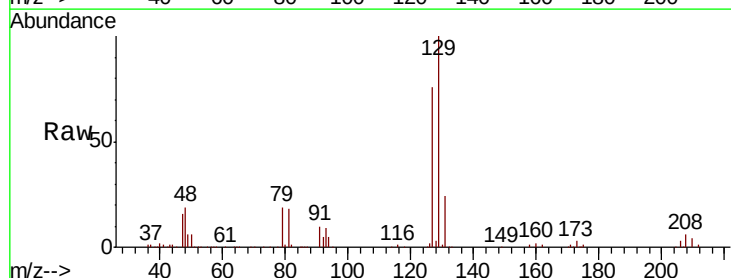
Instrument :
MSVOA_W
ClientSampled :

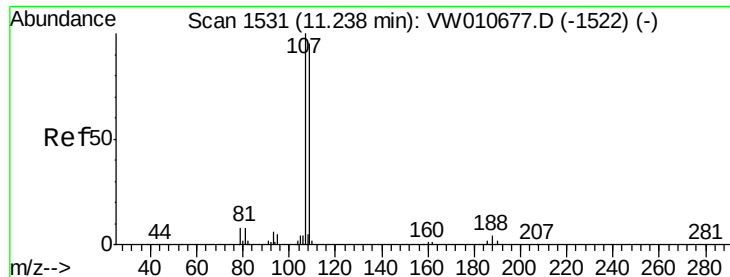
Tot Ion: 43 Resp: 417677
Ion Ratio Lower Upper
43 100
58 48.2 24.9 74.6



#60
Dibromochloromethane
Concen: 51.962 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion:129 Resp: 116069
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 50.150 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

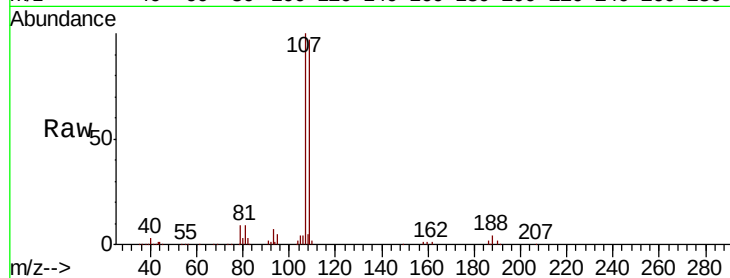
ClientSampleId :

Tot Ion: 107 Resp: 95746

Ion Ratio Lower Upper

107 100

109 94.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

60000

50000

40000

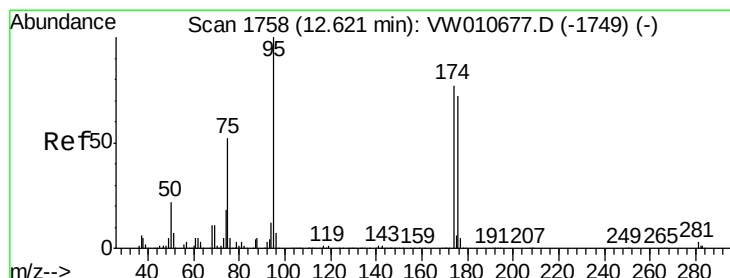
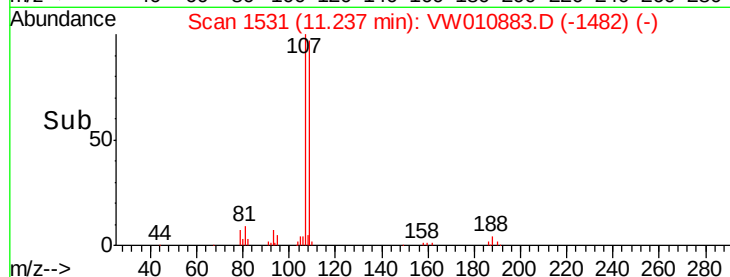
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.265 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

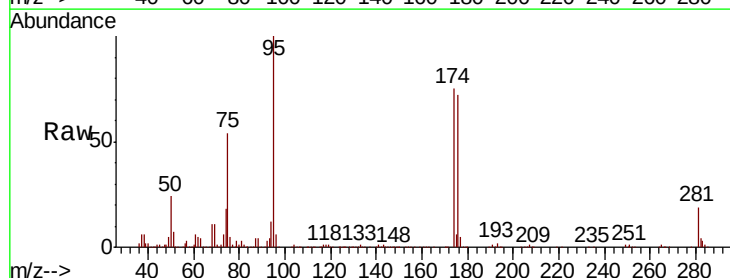
Tgt Ion: 95 Resp: 173829

Ion Ratio Lower Upper

95 100

174 72.5 0.0 150.4

176 71.3 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

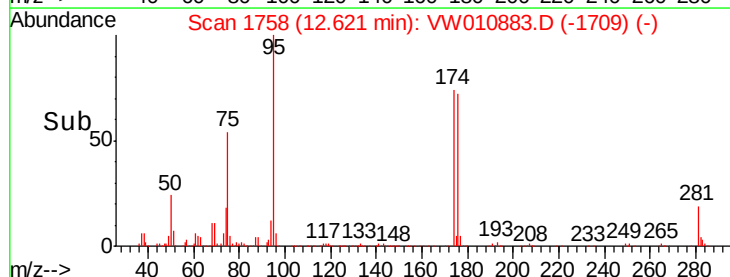
12.62

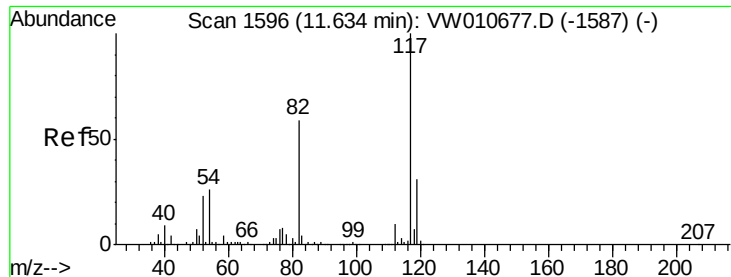
100000

50000

0

Time-->

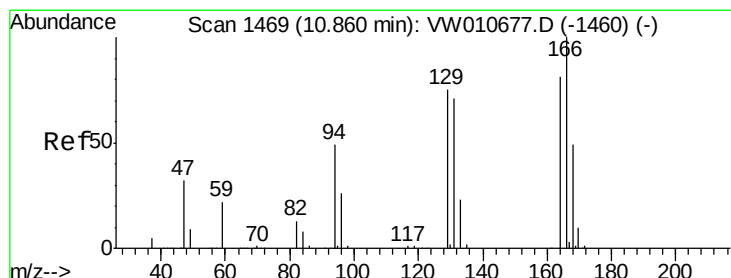
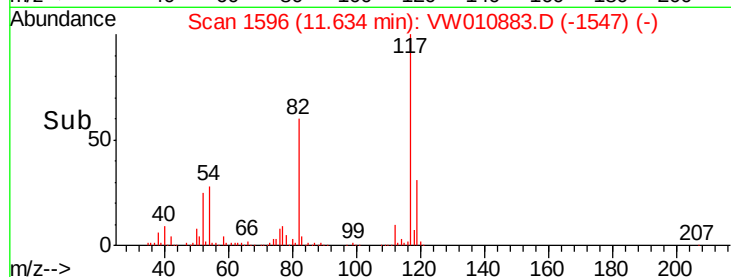
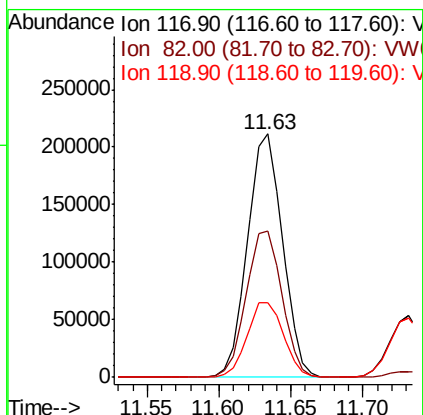
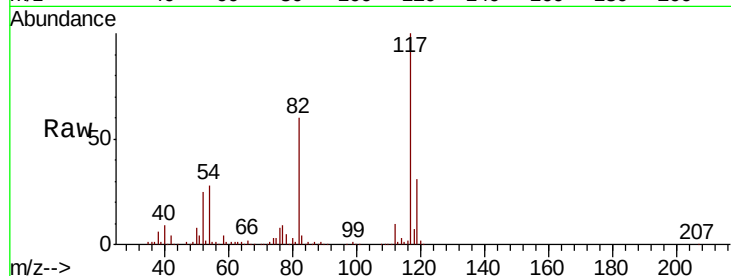




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

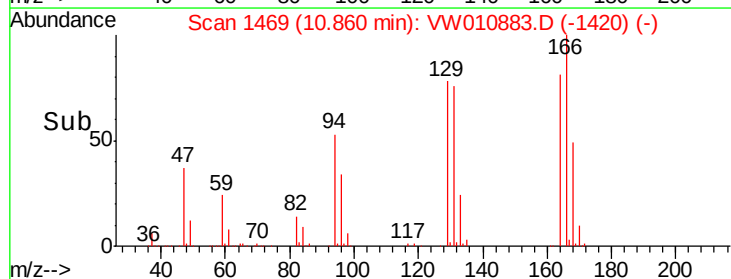
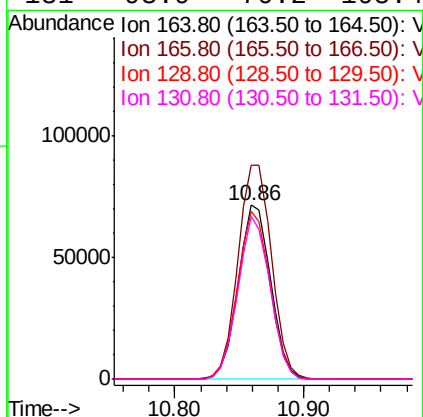
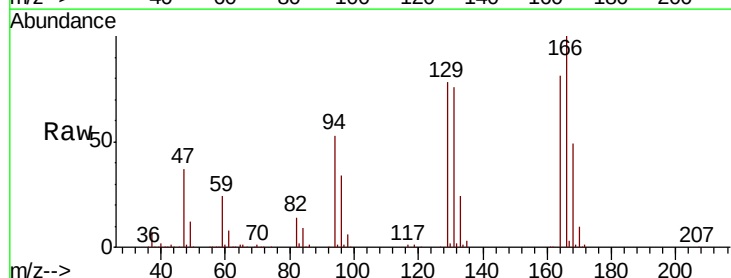
Instrument :
MSVOA_W
ClientSampleId :

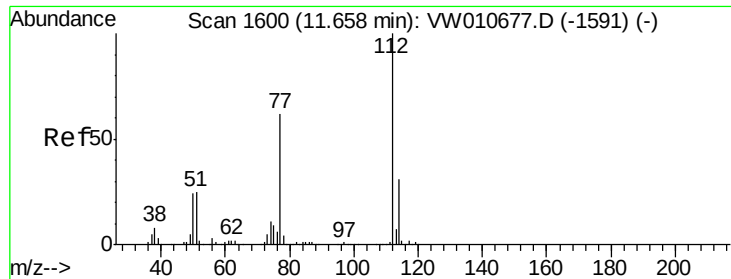
Tot Ion:117 Resp: 355793
Ion Ratio Lower Upper
117 100
82 60.0 47.0 70.4
119 30.9 25.1 37.7



#64
Tetrachloroethene
Concen: 52.664 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion:164 Resp: 124410
Ion Ratio Lower Upper
164 100
166 123.0 99.2 148.8
129 96.5 74.6 112.0
131 93.9 70.2 105.4

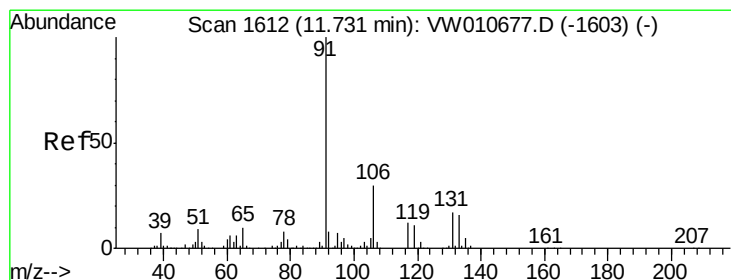
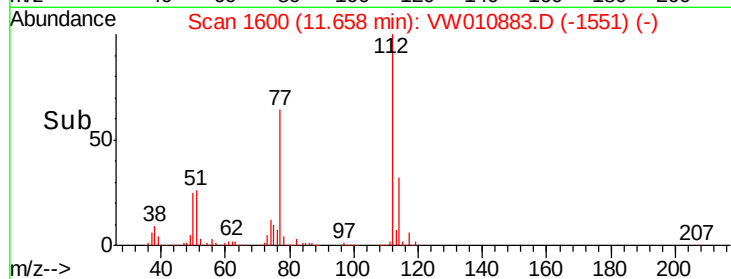
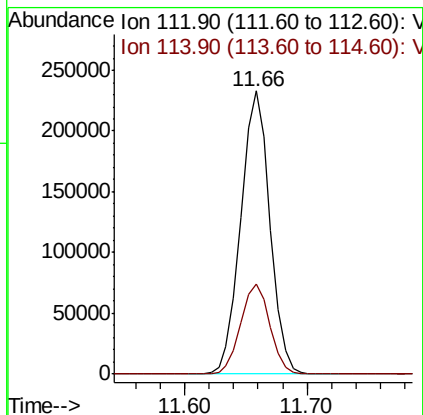
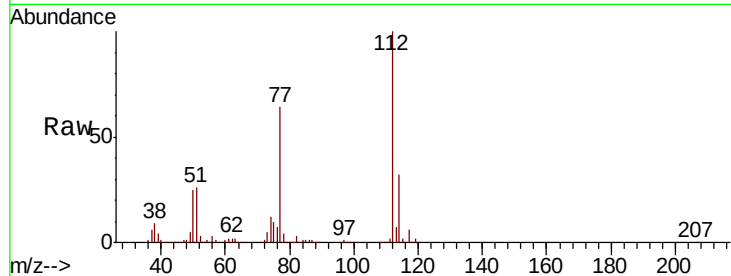




#65
Chlorobenzene
Concen: 54.786 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

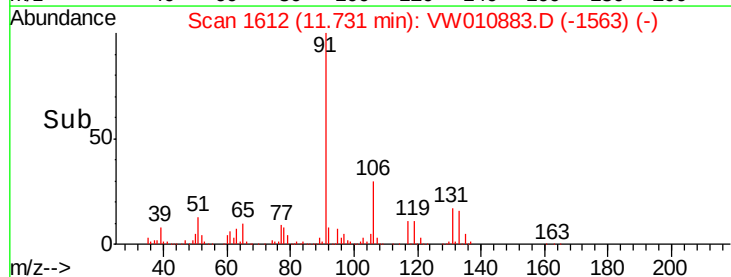
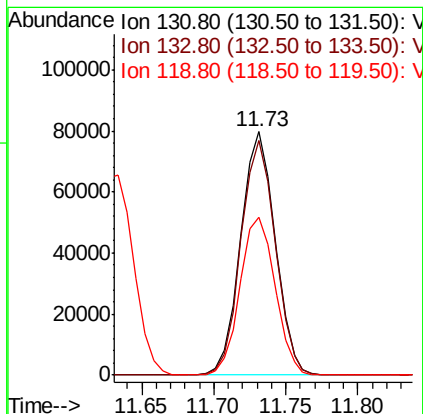
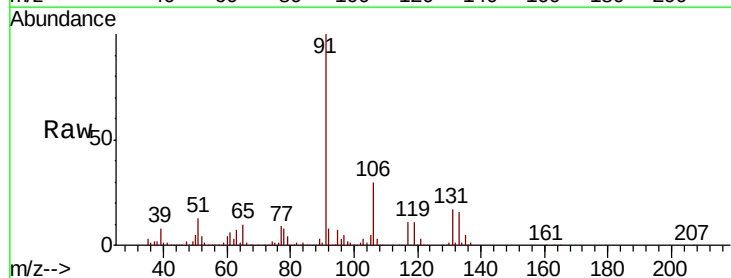
Instrument :
MSVOA_W
ClientSampled :

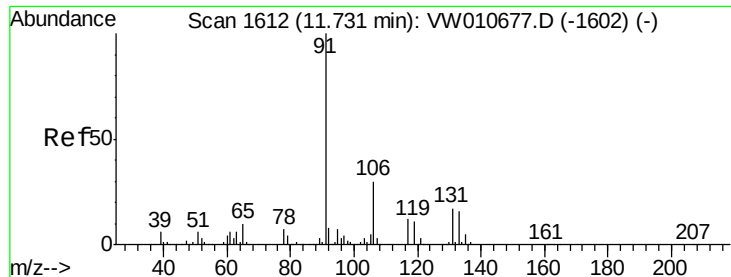
Tot Ion:112 Resp: 383319
Ion Ratio Lower Upper
112 100
114 31.7 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.765 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion:131 Resp: 132641
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.9
119 65.9 32.4 97.0

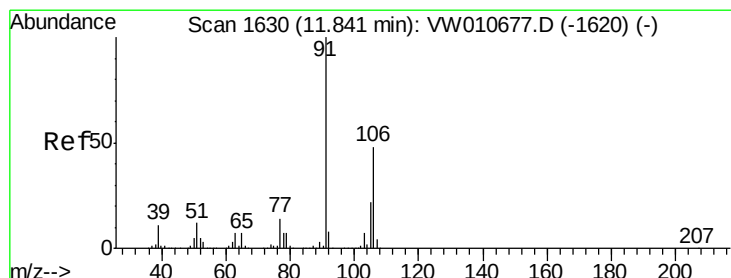
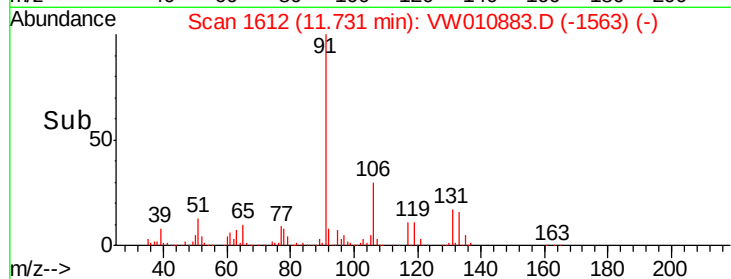
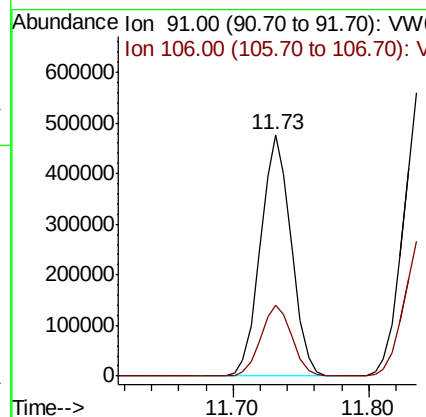
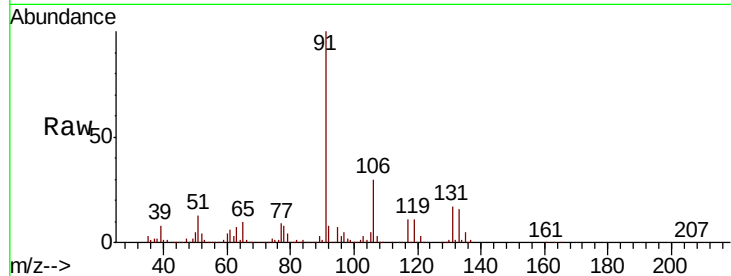




#67
Ethyl Benzene
Concen: 55.992 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

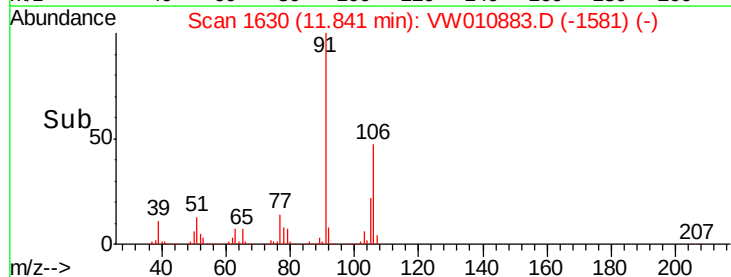
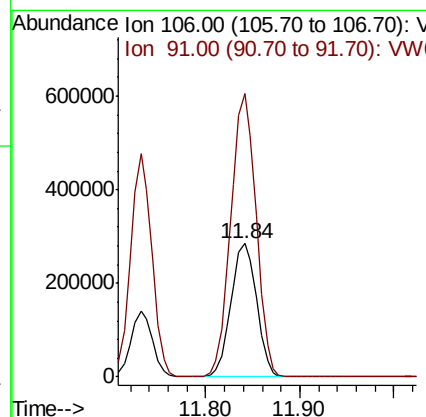
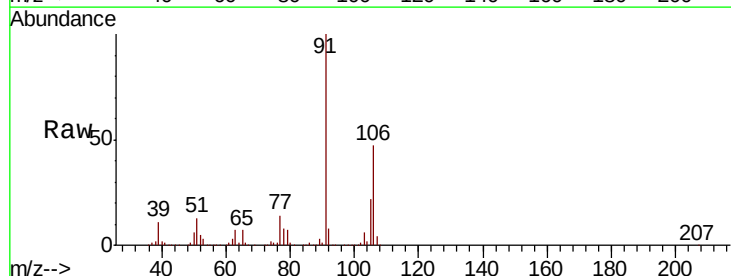
Instrument :
MSVOA_W
ClientSampleId :

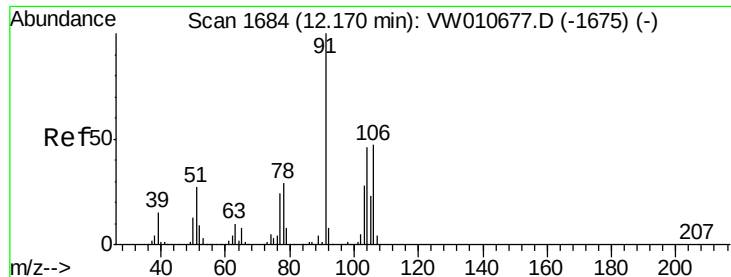
Tot Ion: 91 Resp: 752893
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.4



#68
m/p-Xylenes
Concen: 111.800 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion: 106 Resp: 538148
Ion Ratio Lower Upper
106 100
91 209.8 166.5 249.7

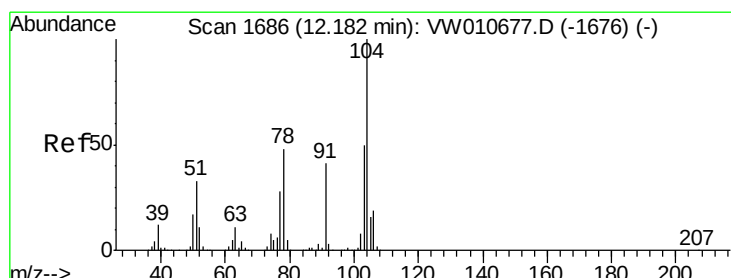
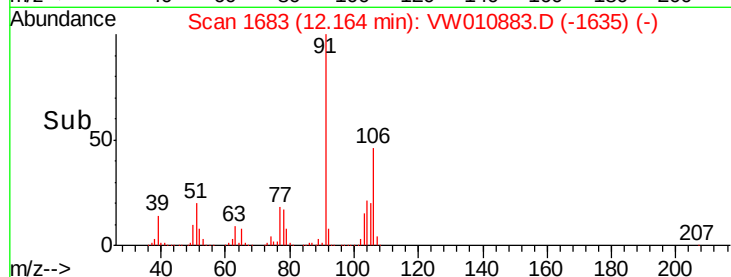
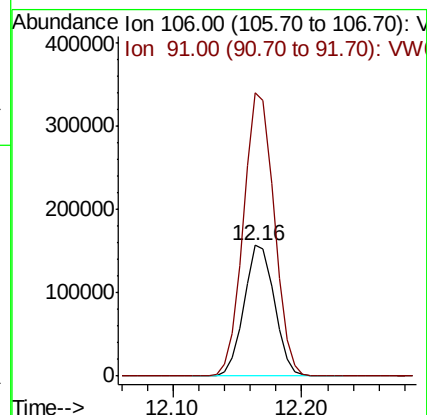
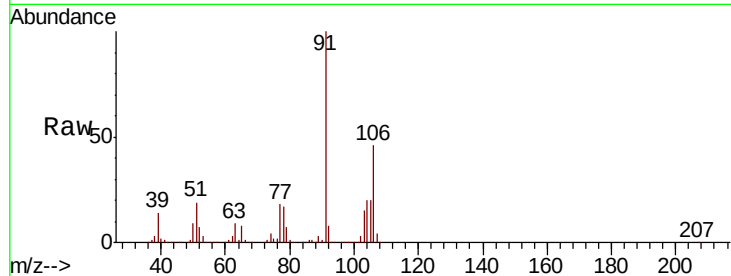




#69
o-Xylene
Concen: 56.063 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

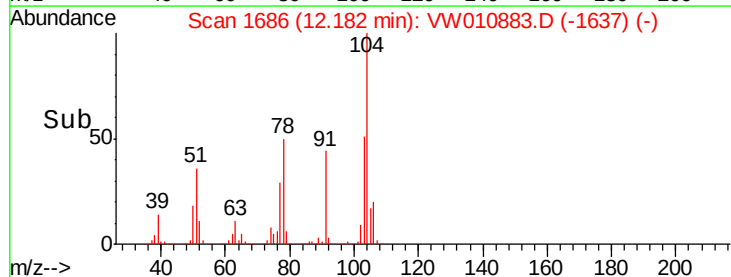
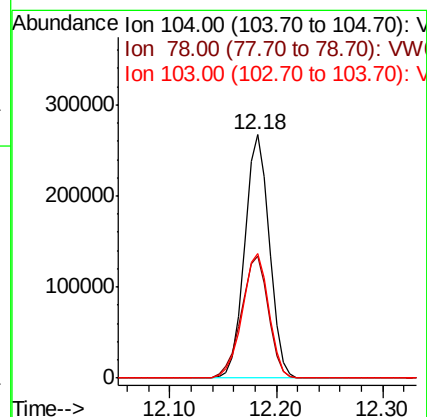
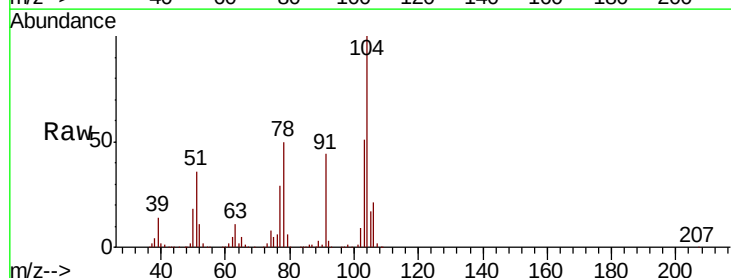
Instrument :
MSVOA_W
ClientSampleId :

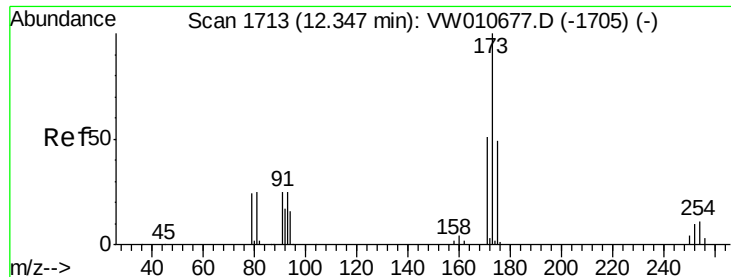
Tot Ion:106 Resp: 255941
Ion Ratio Lower Upper
106 100
91 219.4 108.9 326.6



#70
Styrene
Concen: 54.993 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion:104 Resp: 436117
Ion Ratio Lower Upper
104 100
78 54.7 42.7 64.1
103 54.9 43.6 65.4





#71

Bromoform

Concen: 49.292 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

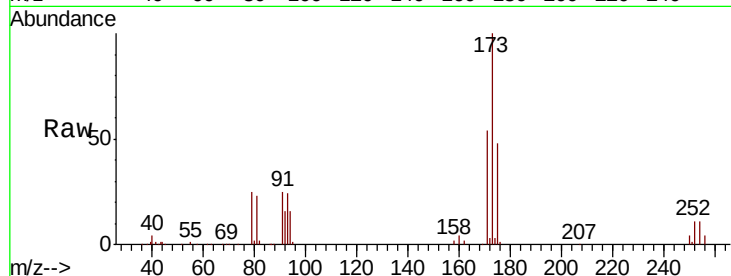
Tot Ion:173 Resp: 61744

Ion Ratio Lower Upper

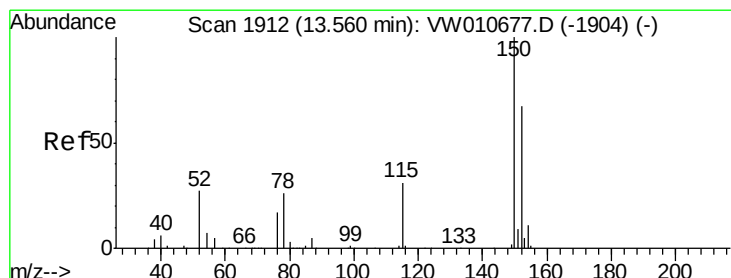
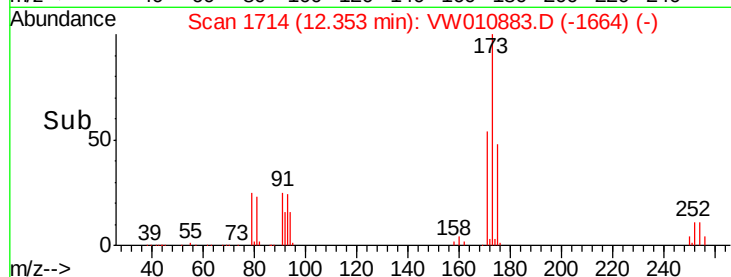
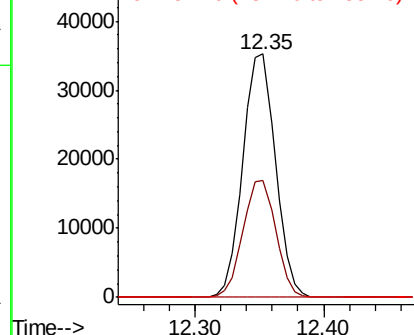
173 100

175 48.5 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: VW010883.D

Acq: 20 Jun 2019 10:46

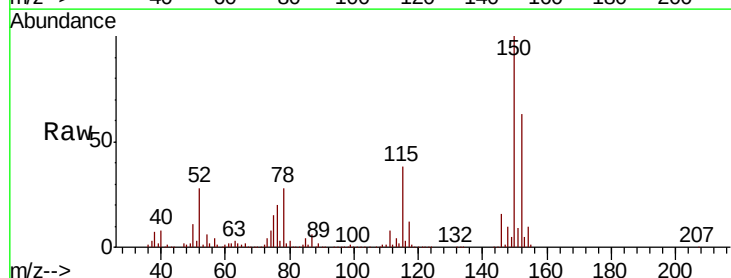
Tgt Ion:152 Resp: 168171

Ion Ratio Lower Upper

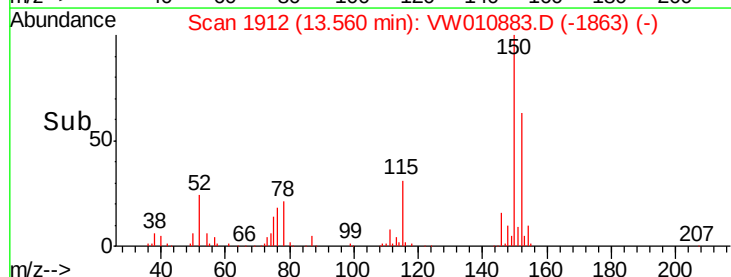
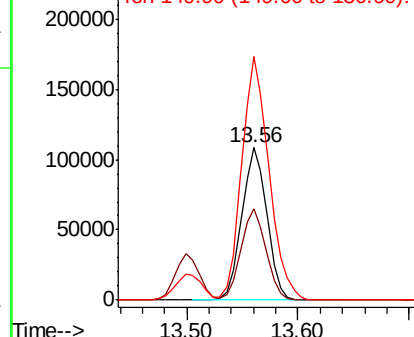
152 100

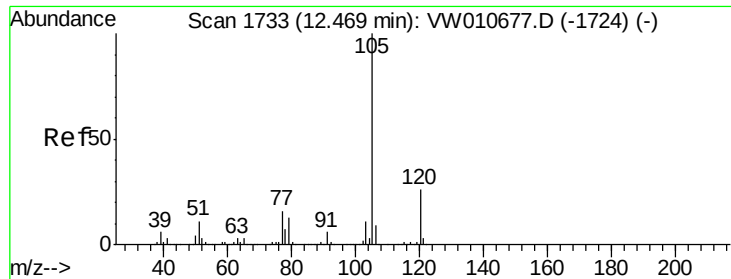
115 60.1 29.8 89.3

150 174.1 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: 56.942 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

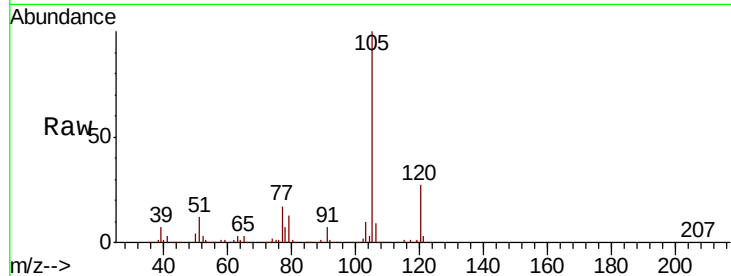
ClientSampleId :

Tot Ion:105 Resp: 719595

Ion Ratio Lower Upper

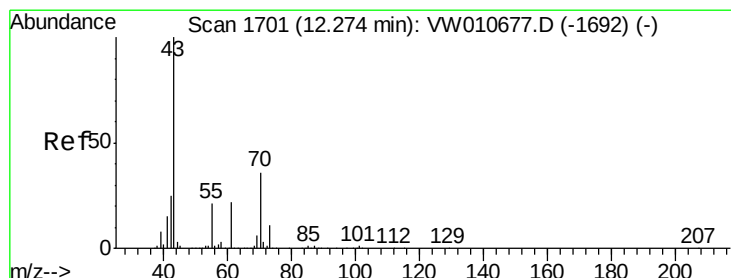
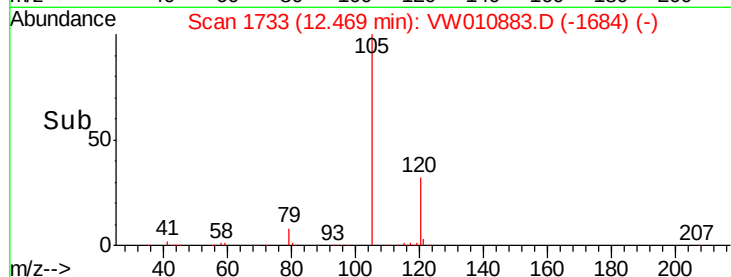
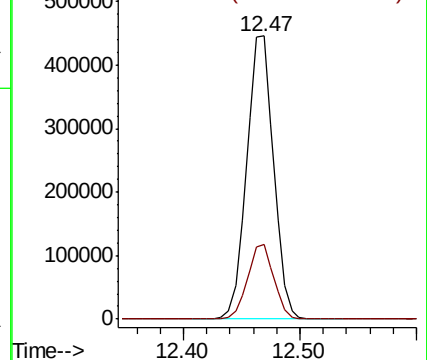
105 100

120 25.7 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: 50.249 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Tgt Ion: 43 Resp: 205229

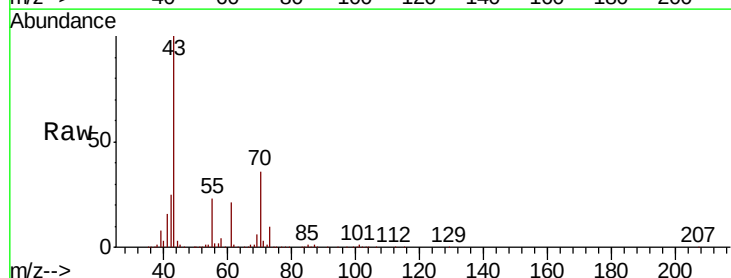
Ion Ratio Lower Upper

43 100

70 36.3 29.2 43.8

55 22.4 17.5 26.3

61 21.3 17.4 26.2

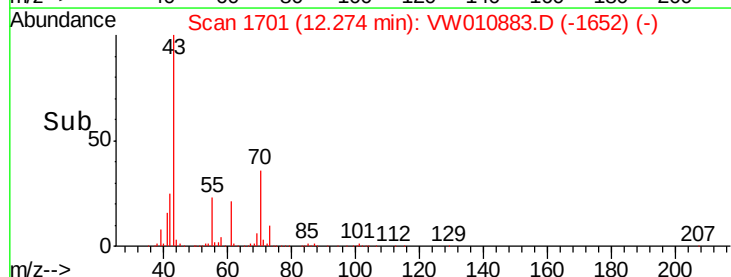
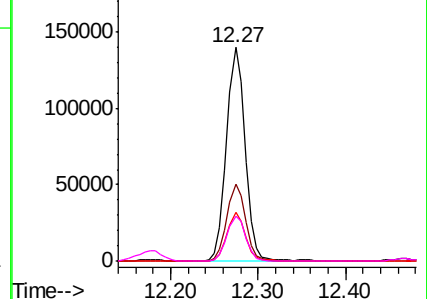


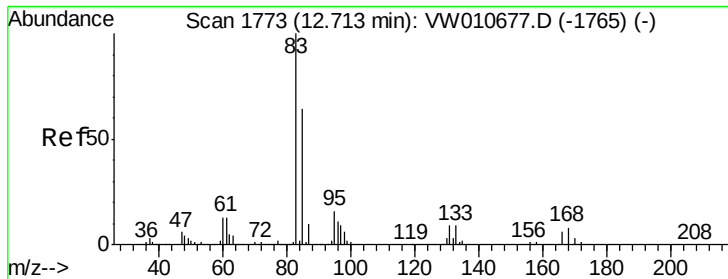
Abundance Ion 43.00 (42.70 to 43.70): VV

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: 50.060 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

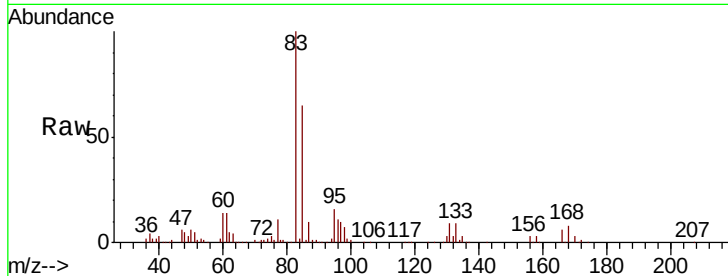
Tot Ion: 83 Resp: 120435

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

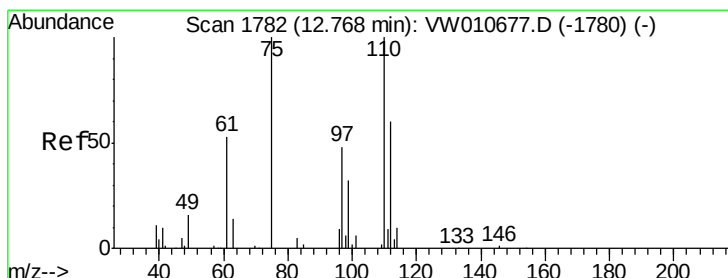
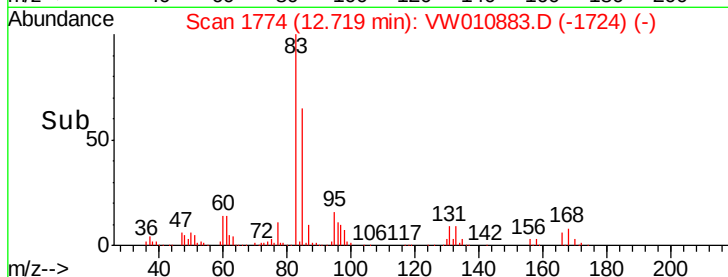
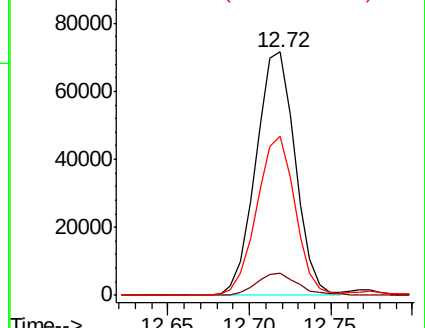
85 63.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 91.873 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010883.D

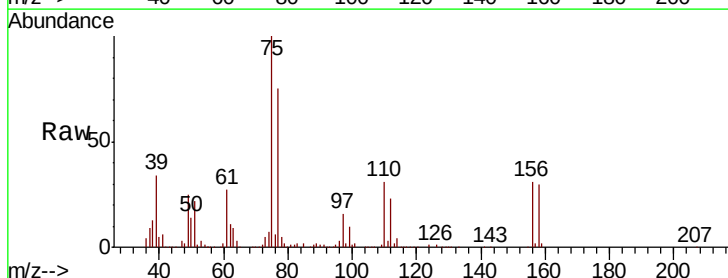
Acq: 20 Jun 2019 10:46

Tgt Ion: 75 Resp: 162250

Ion Ratio Lower Upper

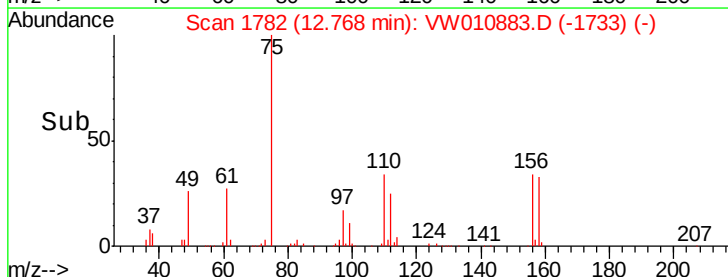
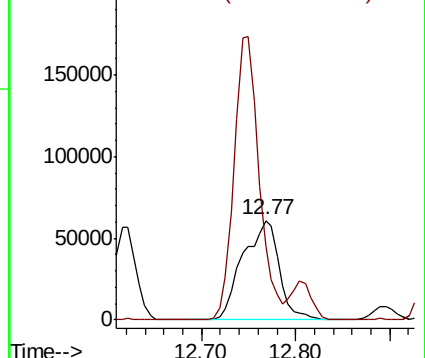
75 100

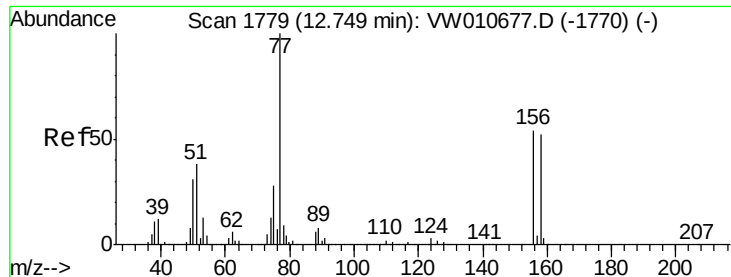
77 198.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 54.288 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampled :

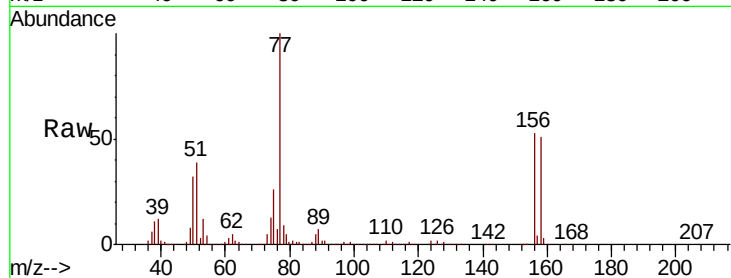
Tot Ion:156 Resp: 149756

Ion Ratio Lower Upper

156 100

77 215.3 106.5 319.4

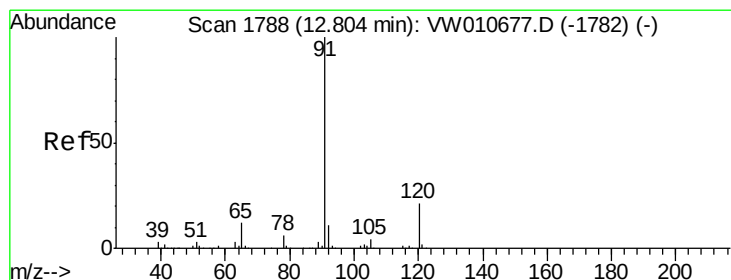
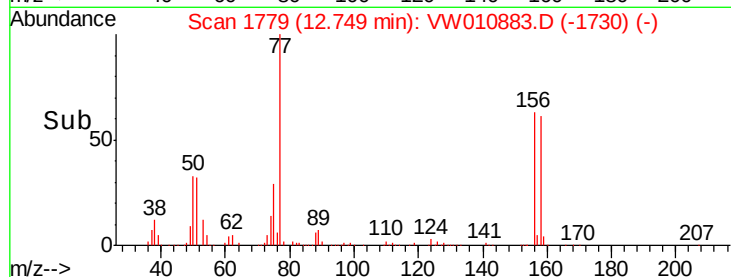
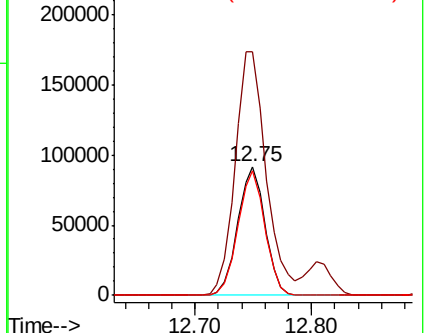
158 95.9 48.3 144.9



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: 57.683 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010883.D

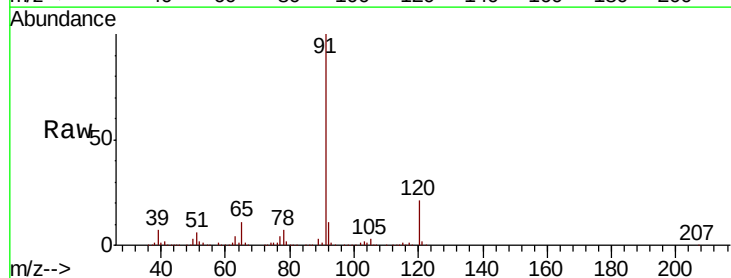
Acq: 20 Jun 2019 10:46

Tgt Ion: 91 Resp: 878989

Ion Ratio Lower Upper

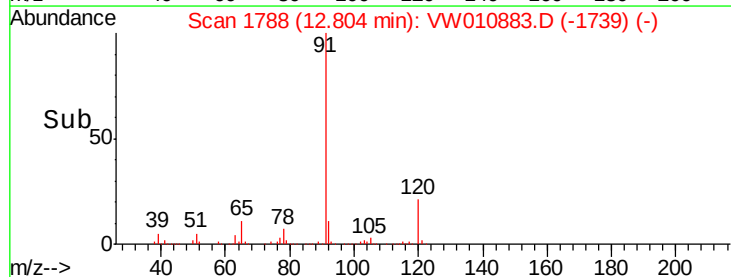
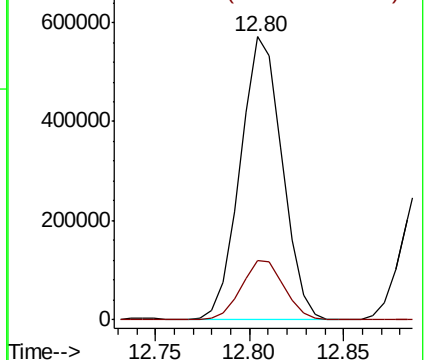
91 100

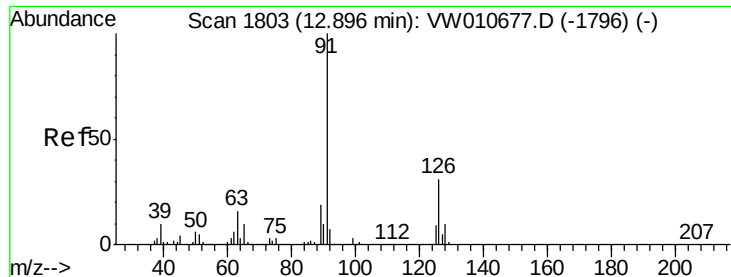
120 21.5 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.556 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

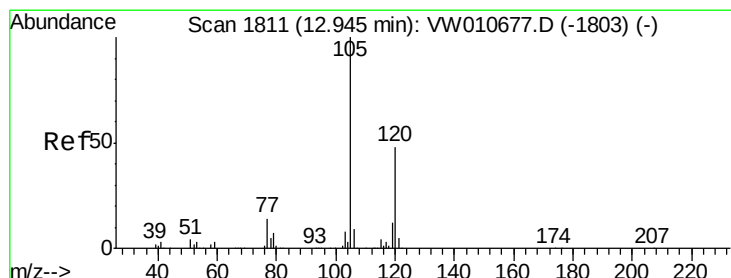
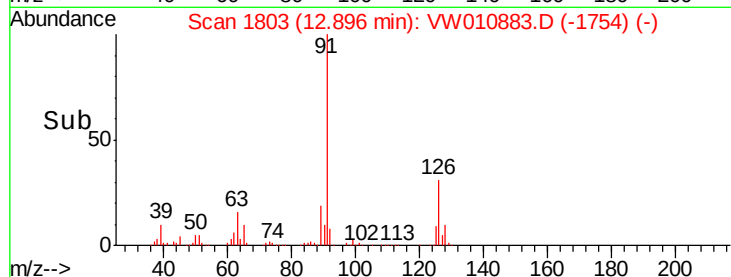
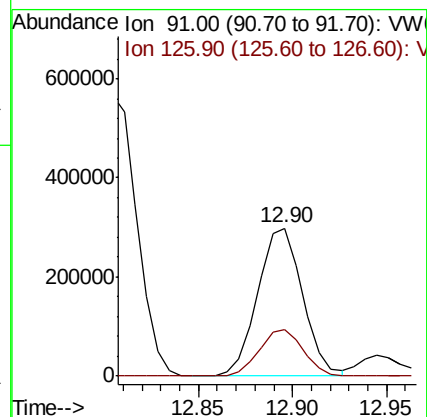
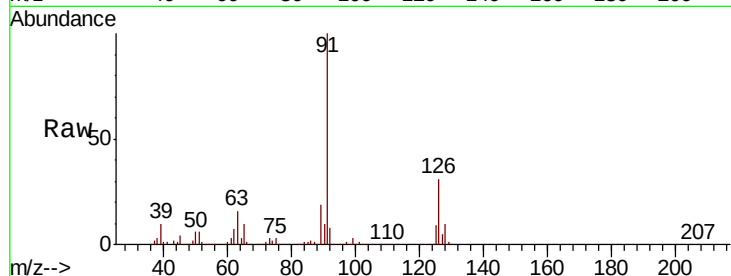
ClientSampleId :

Tot Ion: 91 Resp: 492362

Ion Ratio Lower Upper

91 100

126 30.9 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 56.569 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010883.D

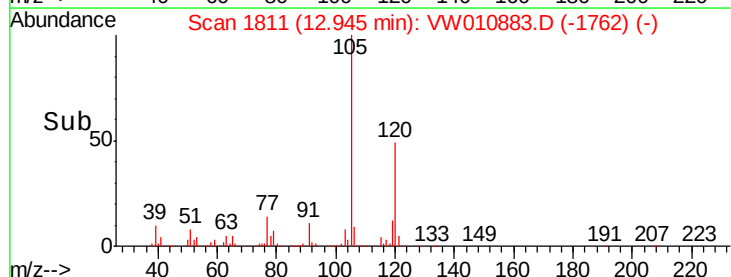
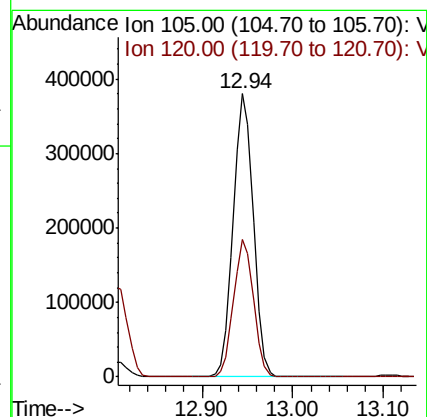
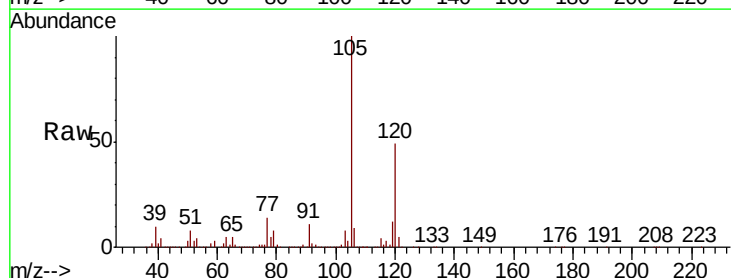
Acq: 20 Jun 2019 10:46

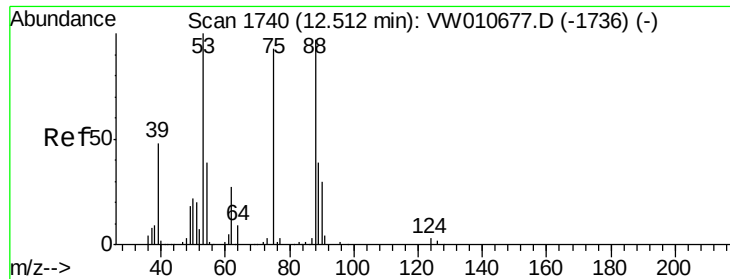
Tgt Ion:105 Resp: 585149

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.137 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampled :

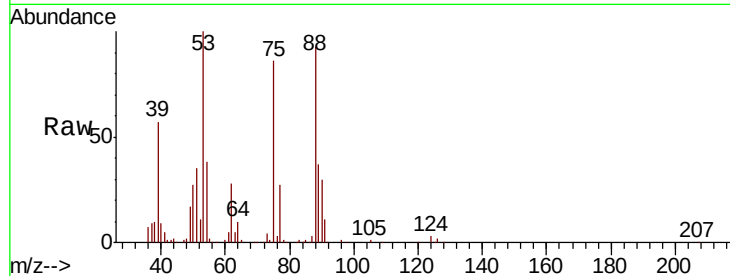
Tot Ion: 75 Resp: 38525

Ion Ratio Lower Upper

75 100

53 115.7 90.1 135.1

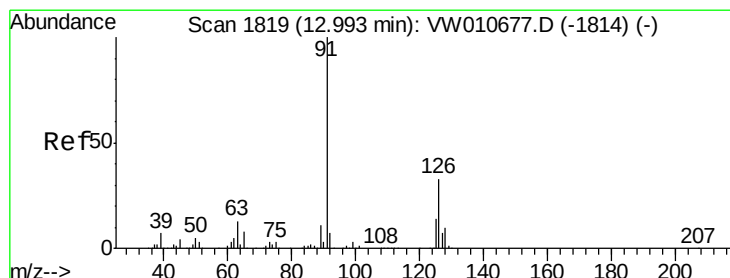
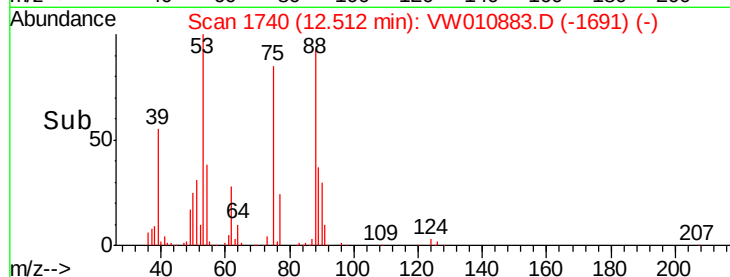
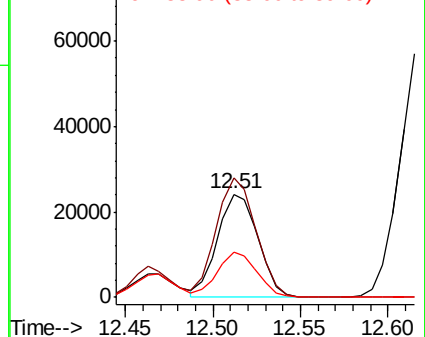
89 43.2 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 56.351 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW010883.D

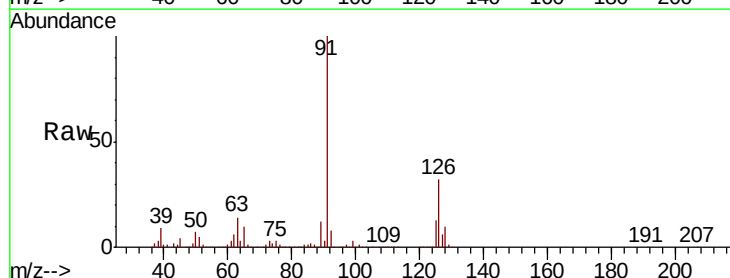
Acq: 20 Jun 2019 10:46

Tgt Ion: 91 Resp: 506261

Ion Ratio Lower Upper

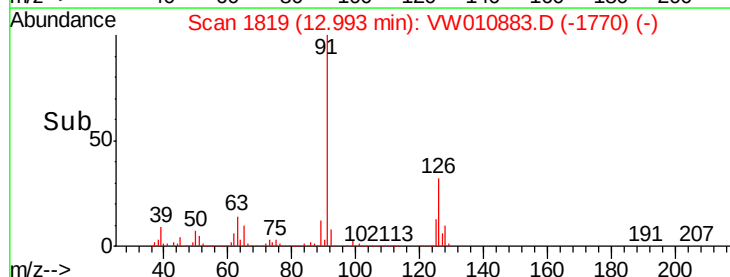
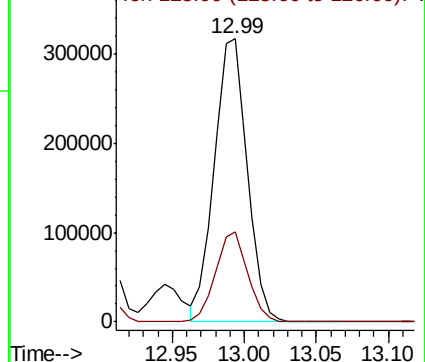
91 100

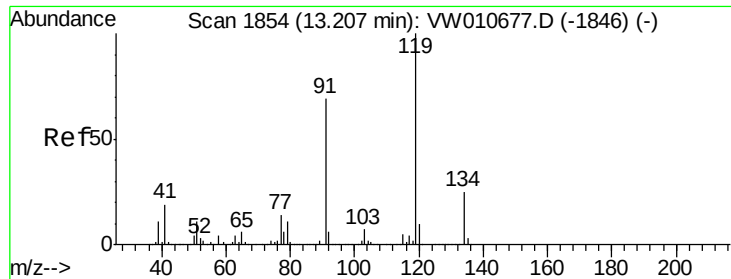
126 31.2 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

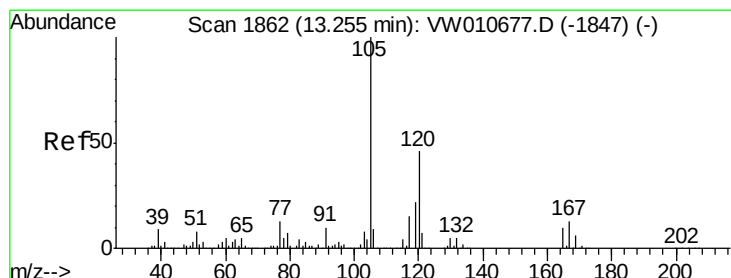
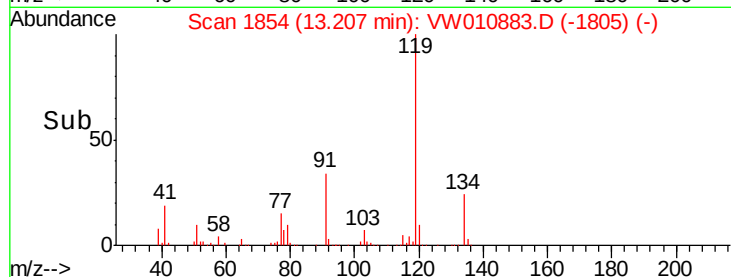
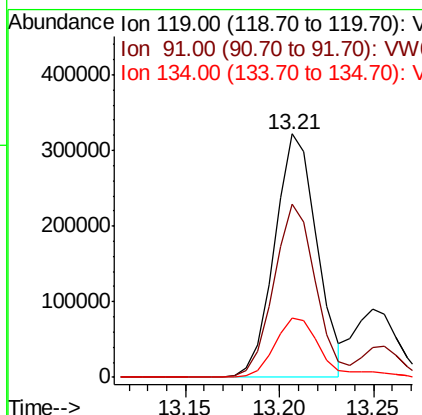
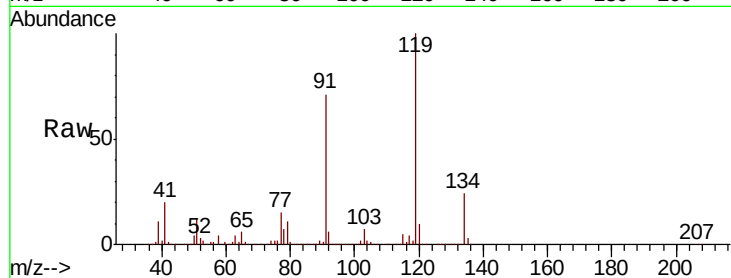




#83
 tert-Butylbenzene
 Concen: 57.114 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

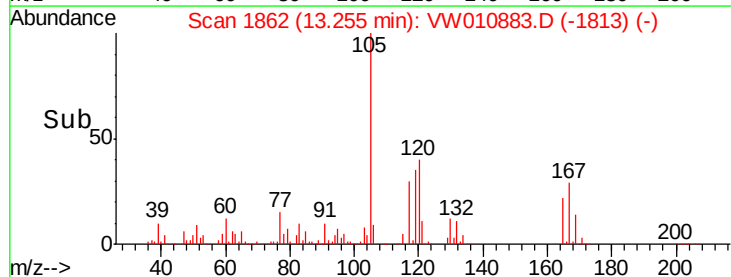
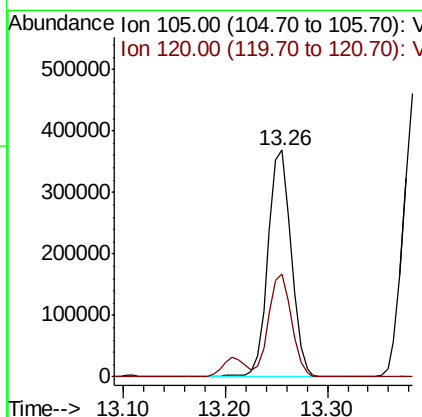
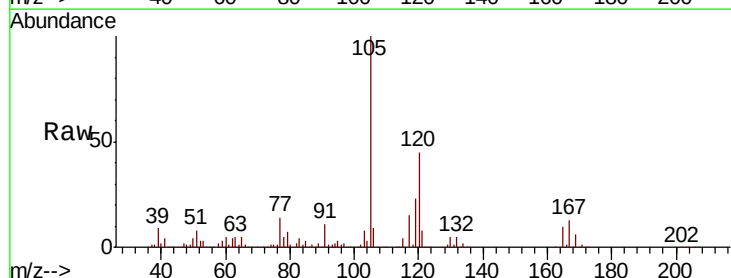
Instrument :
 MSVOA_W
 ClientSampleId :

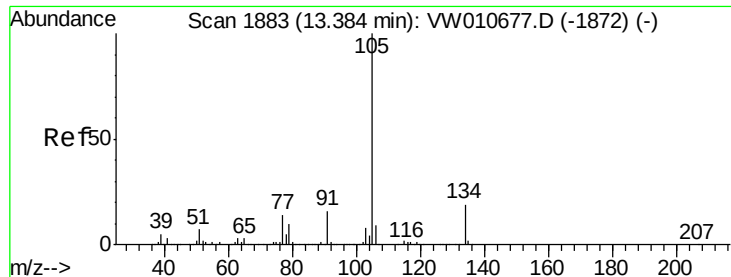
Tot Ion:119 Resp: 501387
 Ion Ratio Lower Upper
 119 100
 91 70.8 35.1 105.3
 134 27.0 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 55.840 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Tgt Ion:105 Resp: 581240
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.5 67.5





#85

sec-Butylbenzene

Concen: 56.885 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

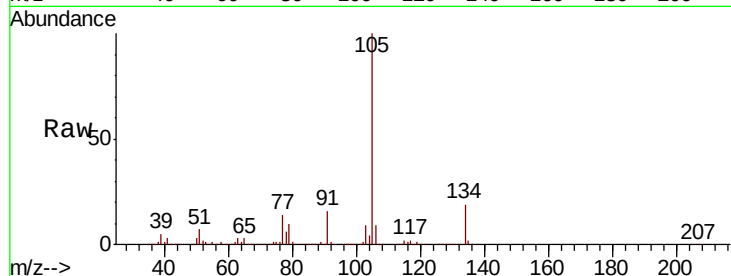
ClientSampled :

Tot Ion:105 Resp: 727075

Ion Ratio Lower Upper

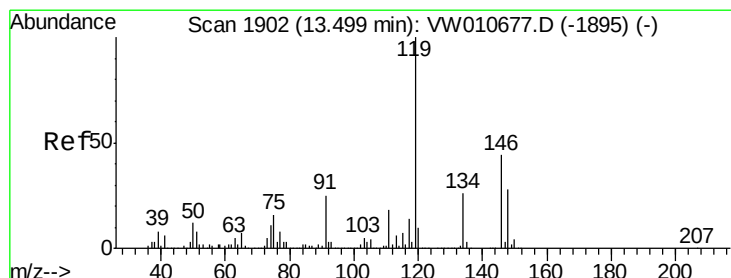
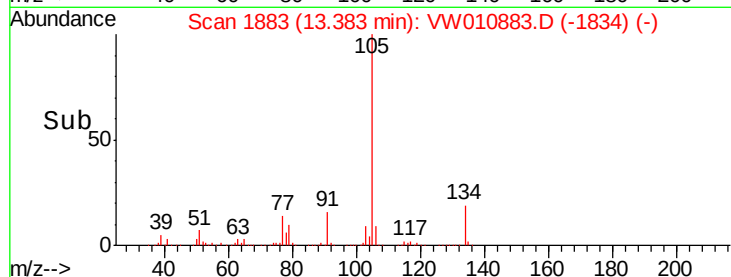
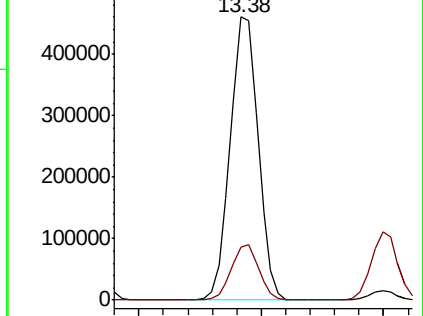
105 100

134 19.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.715 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

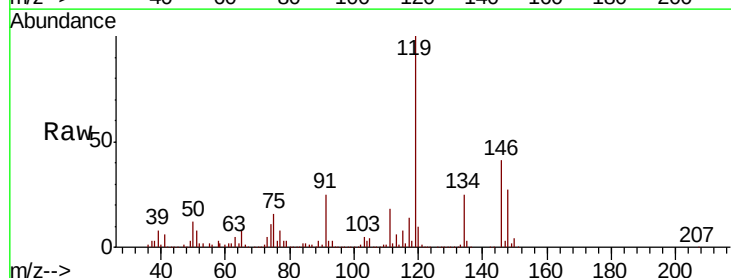
Tgt Ion:119 Resp: 648247

Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

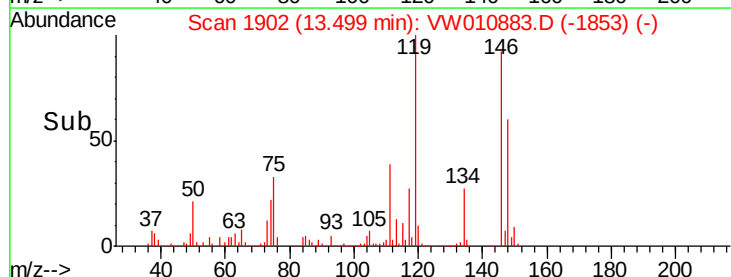
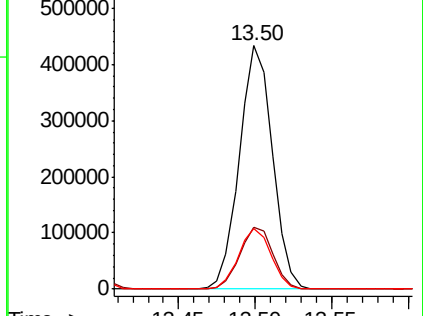
91 24.7 12.2 36.4

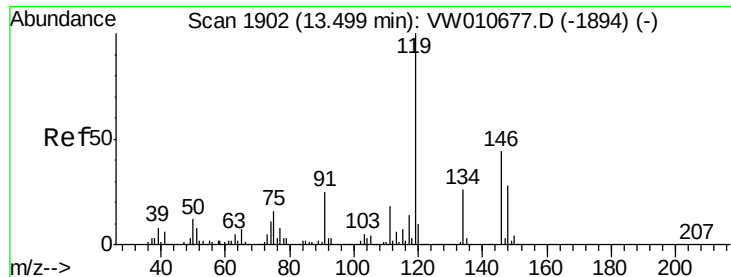


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 55.030 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010883.D

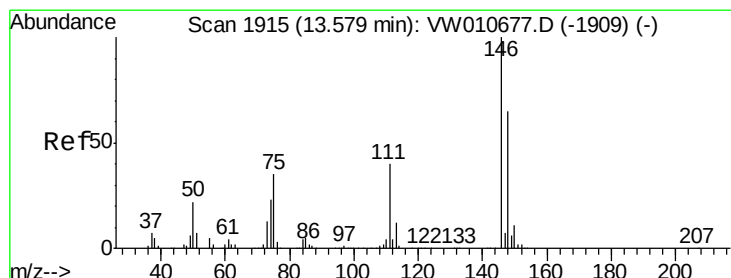
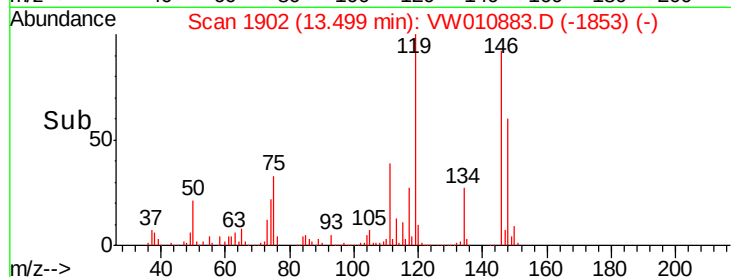
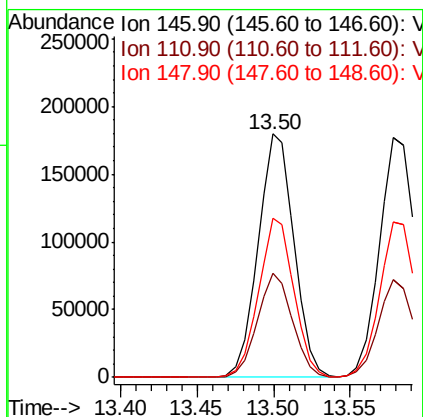
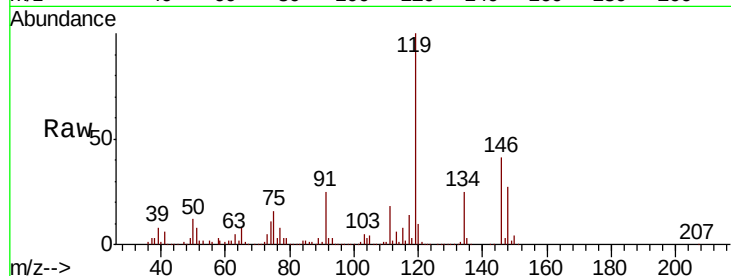
Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	146	Resp:	292742
Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.4	61.3
148	64.0	31.5	94.5



#88

1,4-Dichlorobenzene

Concen: 54.696 ug/l

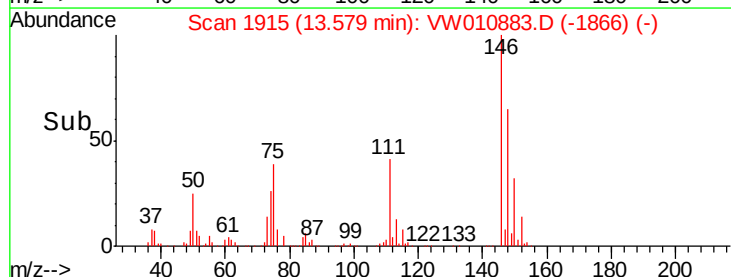
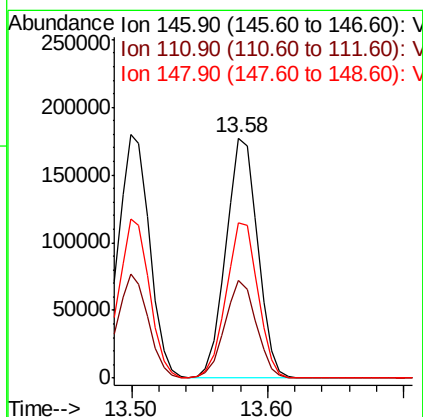
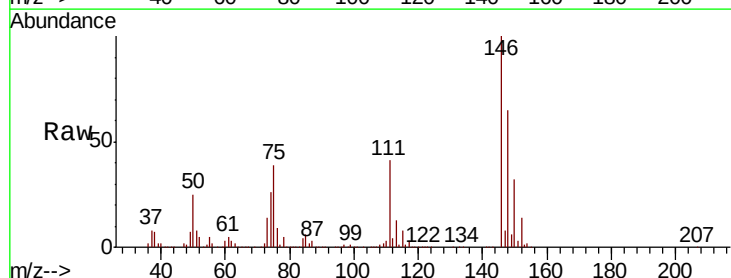
RT: 13.58 min Scan# 1915

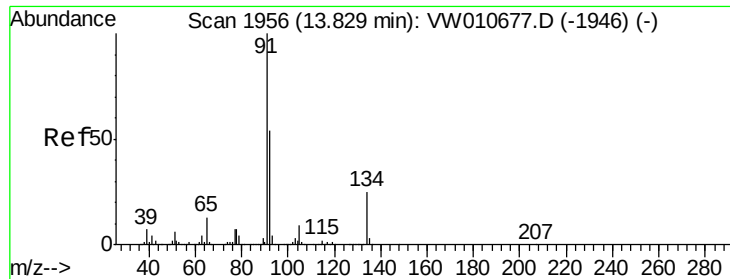
Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Tgt Ion:	146	Resp:	288462
Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.9
148	64.5	32.4	97.2

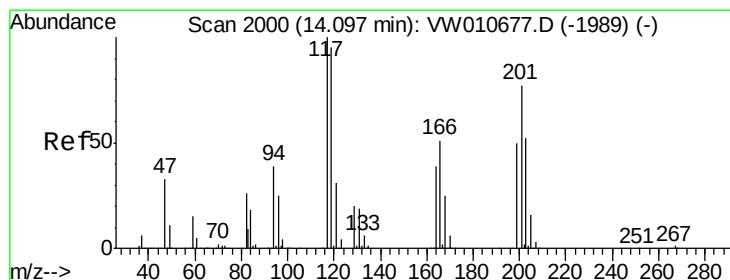
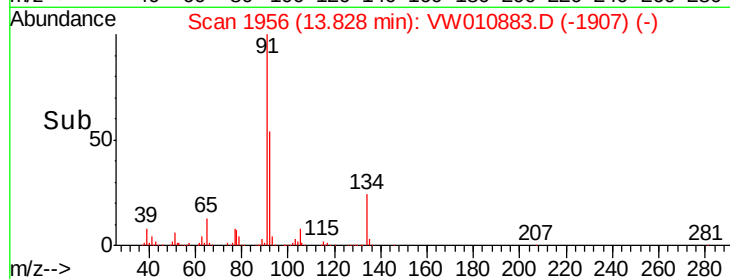
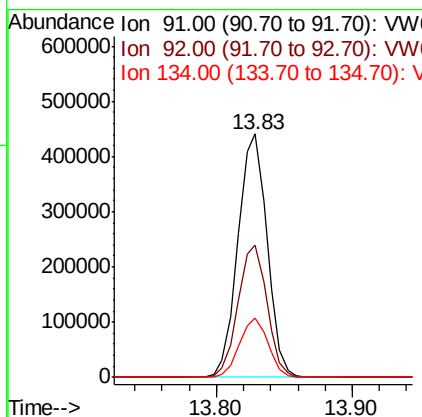
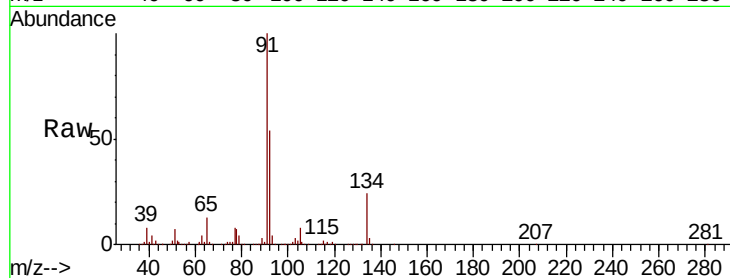




#89
n-Butylbenzene
Concen: 57.790 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

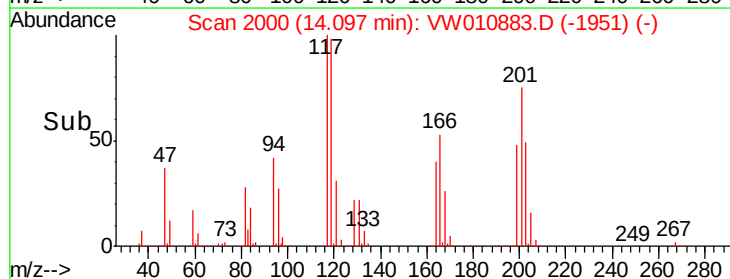
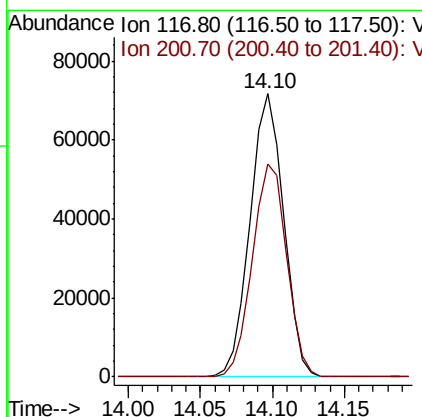
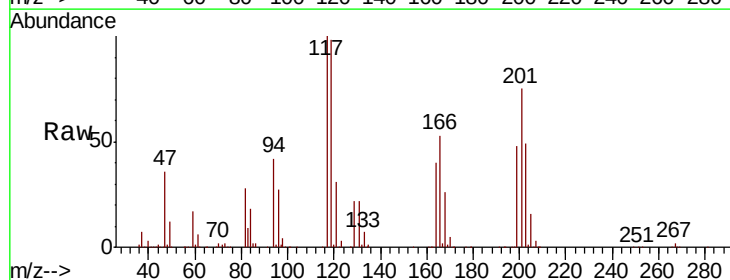
Instrument :
MSVOA_W
ClientSampled :

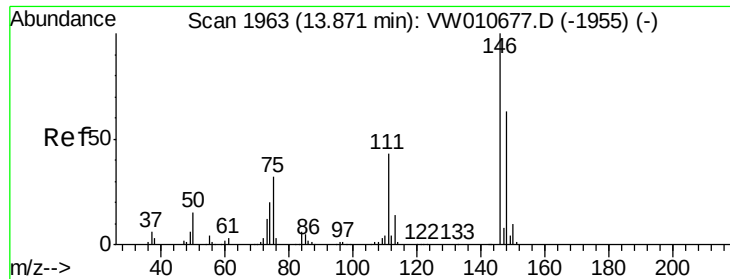
Tot Ion: 91 Resp: 659043
Ion Ratio Lower Upper
91 100
92 54.2 27.3 81.8
134 24.0 12.3 36.9



#90
Hexachloroethane
Concen: 56.479 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010883.D
Acq: 20 Jun 2019 10:46

Tgt Ion: 117 Resp: 115608
Ion Ratio Lower Upper
117 100
201 76.9 38.8 116.4

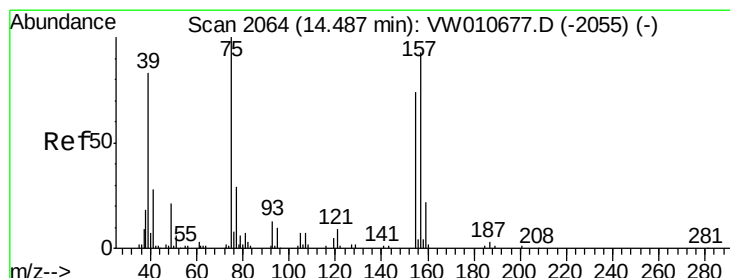
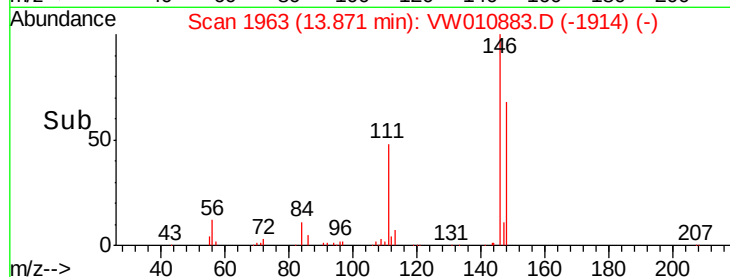
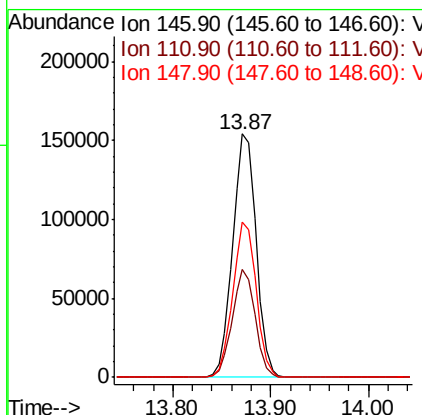
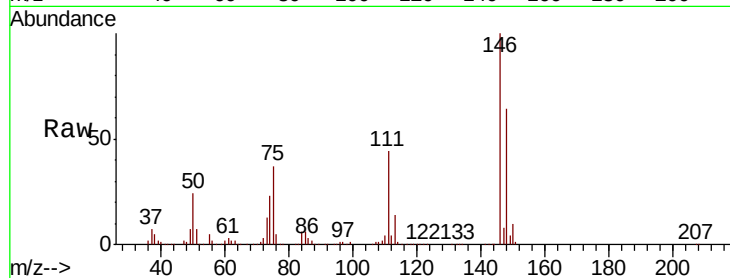




#91
 1,2-Dichlorobenzene
 Concen: 53.665 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

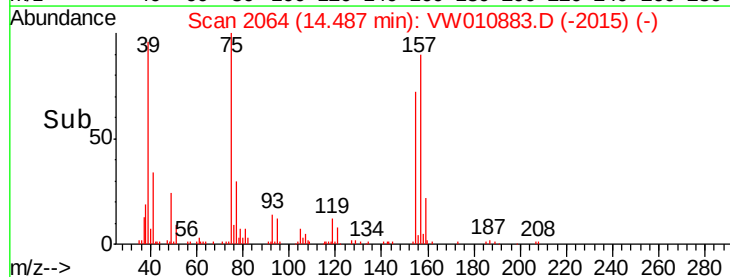
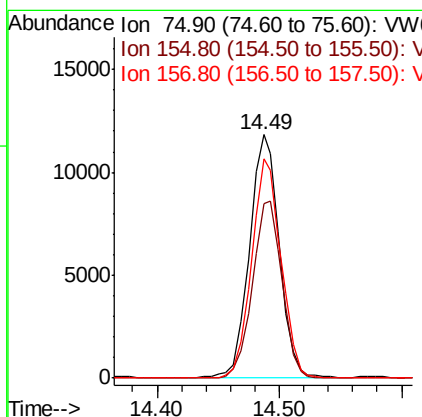
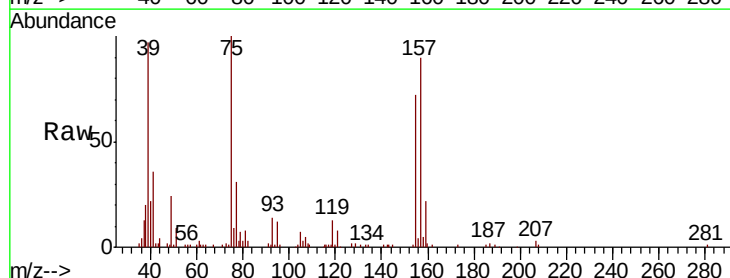
Instrument :
 MSVOA_W
 ClientSampleId :

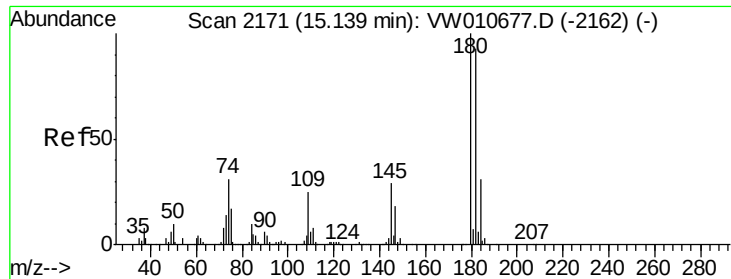
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.5	64.5
148	63.5	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.546 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.9	38.8	116.4
157	88.8	48.4	145.0

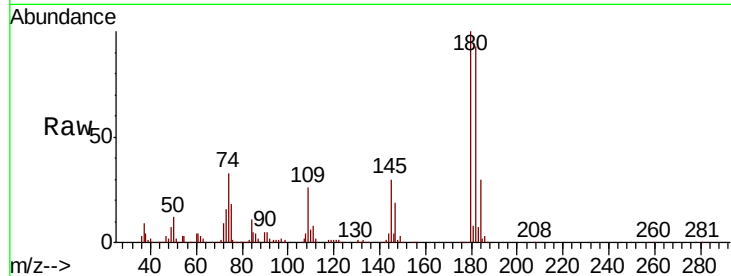




#93
 1,2,4-Trichlorobenzene
 Concen: 53.899 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.1	141.4
145	30.9	15.2	45.5

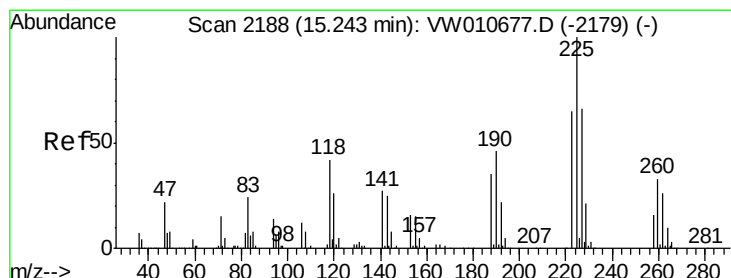
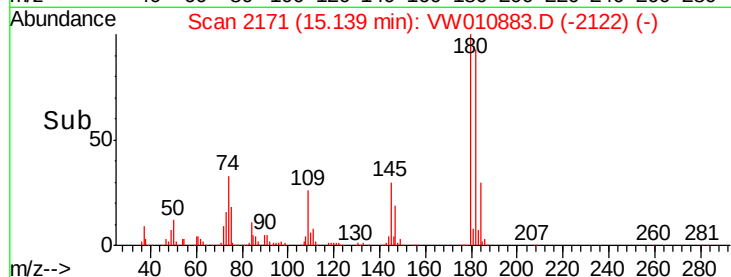
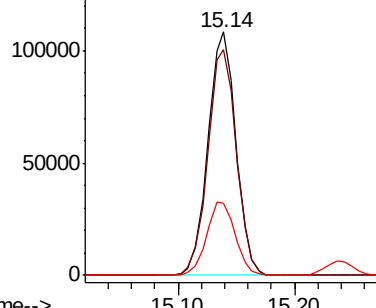


Abundance

Ion 179.80 (179.50 to 180.50): V

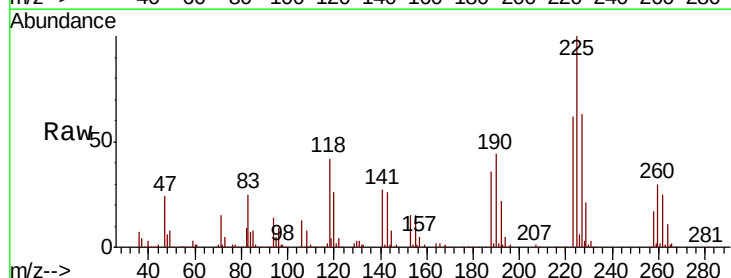
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 56.248 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010883.D
 Acq: 20 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	32.2	96.6
227	63.1	32.0	96.0

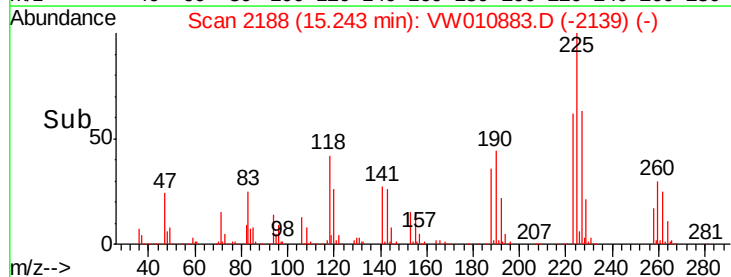
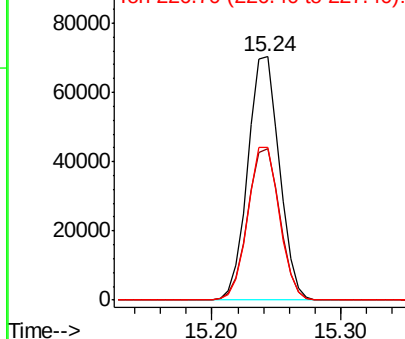


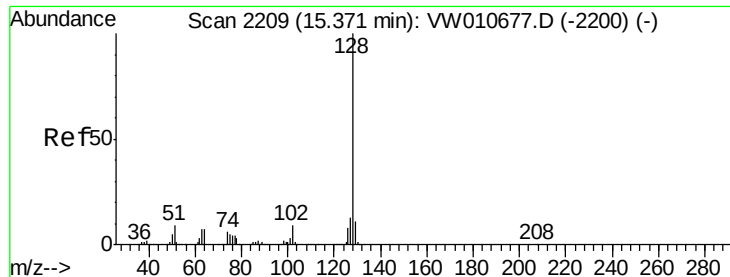
Abundance

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: 50.447 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

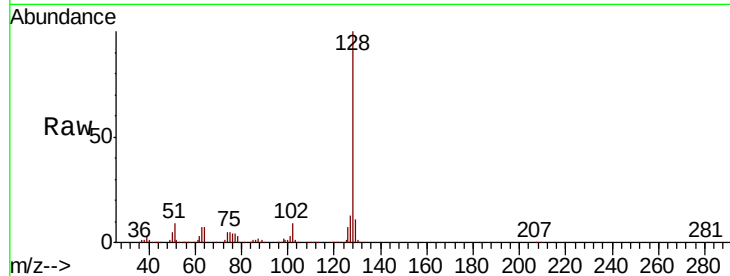
Tot Ion:128 Resp: 307708

Ion Ratio Lower Upper

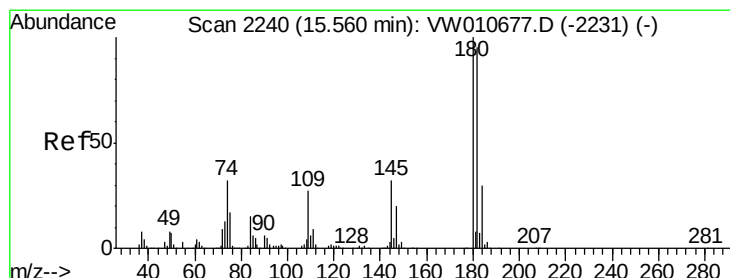
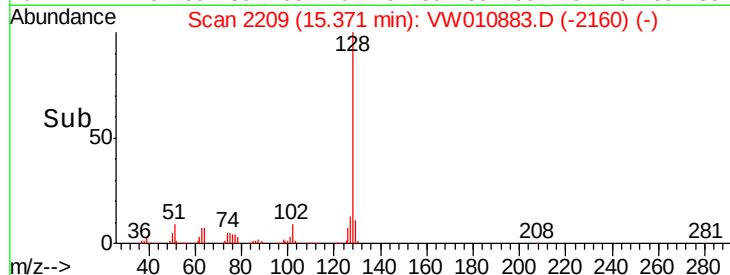
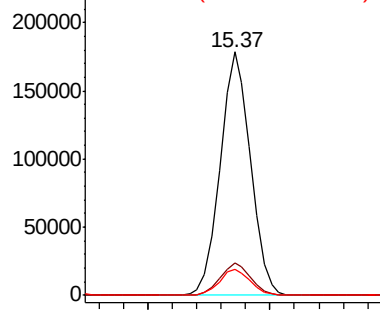
128 100

127 13.4 10.6 15.8

129 11.0 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 53.481 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW010883.D

Acq: 20 Jun 2019 10:46

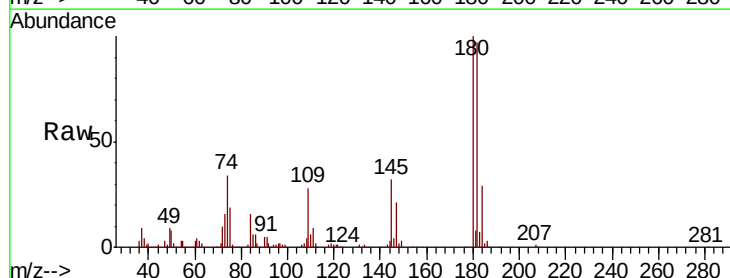
Tgt Ion:180 Resp: 152695

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.0

145 32.1 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

