

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010886.D
 Acq On : 20 Jun 2019 12:26
 Operator : SY/VA
 Sample : VW0620SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 07:45:50 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	245621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	408620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	173646	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	163168	56.36	ug/l	0.00
Spiked Amount			Recovery	=	112.72%	
35) Dibromofluoromethane	7.88	113	124510	56.14	ug/l	0.00
Spiked Amount			Recovery	=	112.28%	
50) Toluene-d8	10.32	98	517335	53.19	ug/l	0.00
Spiked Amount			Recovery	=	106.38%	
62) 4-Bromofluorobenzene	12.62	95	191192	54.02	ug/l	0.00
Spiked Amount			Recovery	=	108.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	44625	19.660	ug/l	99
3) Chloromethane	2.21	50	66883	20.028	ug/l	100
4) Vinyl Chloride	2.35	62	59620	19.323	ug/l	98
5) Bromomethane	2.74	94	34567	20.402	ug/l	99
6) Chloroethane	2.90	64	36836	19.890	ug/l	100
7) Trichlorofluoromethane	3.25	101	83625	20.880	ug/l	98
8) Diethyl Ether	3.68	74	29724	20.767	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50988	20.707	ug/l	98
10) Methyl Iodide	4.26	142	36895	17.948	ug/l	97
11) Tert butyl alcohol	5.17	59	34135	144.729	ug/l #	91
12) 1,1-Dichloroethene	4.03	96	47663	20.066	ug/l	97
13) Acrolein	3.90	56	6980	72.423	ug/l	99
14) Allyl chloride	4.67	41	109466	20.901	ug/l	98
15) Acrylonitrile	5.37	53	74278	106.822	ug/l	99
16) Acetone	4.12	43	84784	109.296	ug/l	95
17) Carbon Disulfide	4.37	76	134289	17.809	ug/l	98
18) Methyl Acetate	4.67	43	39899	23.894	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	143807	20.991	ug/l	97
20) Methylene Chloride	4.92	84	57608	21.169	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	54803	20.324	ug/l	95
22) Diisopropyl ether	6.31	45	229805	21.917	ug/l	96
23) Vinyl Acetate	6.25	43	673890	106.494	ug/l	99
24) 1,1-Dichloroethane	6.21	63	112307	21.373	ug/l	99
25) 2-Butanone	7.17	43	121553	113.004	ug/l	99
26) 2,2-Dichloropropane	7.17	77	97126	22.715	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	62497	21.061	ug/l	95
28) Bromochloromethane	7.51	49	52956	22.582	ug/l	95
29) Tetrahydrofuran	7.53	42	72637	107.359	ug/l	97
30) Chloroform	7.68	83	103647	21.565	ug/l	99
31) Cyclohexane	7.95	56	119120	20.393	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	87964	20.951	ug/l	98
36) 1,1-Dichloropropene	8.08	75	86274	20.626	ug/l	100
37) Ethyl Acetate	7.25	43	49662	21.426	ug/l	100
38) Carbon Tetrachloride	8.07	117	72907	20.192	ug/l	95

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Quant Time: Jun 21 07:45:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	106554	20.040	ug/l	99
40) Benzene	8.32	78	238606	20.911	ug/l	98
41) Methacrylonitrile	7.48	41	28338	20.569	ug/l	97
42) 1,2-Dichloroethane	8.40	62	78177	21.587	ug/l	99
43) Isopropyl Acetate	8.43	43	94448	21.092	ug/l	99
44) Trichloroethene	9.09	130	56586	20.104	ug/l	100
45) 1,2-Dichloropropane	9.37	63	64179	21.247	ug/l	100
46) Dibromomethane	9.46	93	28994	20.666	ug/l	98
47) Bromodichloromethane	9.64	83	73870	20.312	ug/l	95
48) Methyl methacrylate	9.43	41	44041	20.399	ug/l	99
49) 1,4-Dioxane	9.45	88	8362	381.223	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	245493	107.314	ug/l	99
52) Toluene	10.39	92	144426	20.571	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	78052	20.263	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	93127	20.546	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	42070	20.815	ug/l	99
56) Ethyl methacrylate	10.65	69	62746	20.176	ug/l	95
57) 1,3-Dichloropropane	10.93	76	81654	21.438	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	178717	109.715	ug/l	99
59) 2-Hexanone	10.97	43	175478	106.138	ug/l	97
60) Dibromochloromethane	11.13	129	43499	19.415	ug/l	99
61) 1,2-Dibromoethane	11.24	107	39608	20.684	ug/l	99
64) Tetrachloroethene	10.86	164	47879	19.952	ug/l	94
65) Chlorobenzene	11.66	112	147410	20.741	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	50954	20.711	ug/l	99
67) Ethyl Benzene	11.73	91	282962	20.716	ug/l	100
68) m/p-Xylenes	11.84	106	201369	41.183	ug/l	98
69) o-Xylene	12.16	106	94886	20.461	ug/l	97
70) Styrene	12.18	104	165128	20.498	ug/l	99
71) Bromoform	12.35	173	23596	18.544	ug/l #	100
73) Isopropylbenzene	12.46	105	266426	20.418	ug/l	99
74) N-amyl acetate	12.27	43	88883	21.076	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	51347	20.670	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	67288	36.900	ug/l #	100
77) Bromobenzene	12.75	156	58649	20.591	ug/l	98
78) n-propylbenzene	12.80	91	326349	20.741	ug/l	99
79) 2-Chlorotoluene	12.90	91	186694	20.769	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	220872	20.680	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14395	18.143	ug/l	92
82) 4-Chlorotoluene	12.99	91	193827	20.894	ug/l	99
83) tert-Butylbenzene	13.21	119	187163	20.648	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	220244	20.492	ug/l	100
85) sec-Butylbenzene	13.38	105	272097	20.617	ug/l	99
86) p-Isopropyltoluene	13.50	119	241951	20.501	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	112702	20.518	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	113363	20.817	ug/l	98
89) n-Butylbenzene	13.83	91	244866	20.795	ug/l	99
90) Hexachloroethane	14.10	117	40990	19.394	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	101334	20.514	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8337	19.544	ug/l	97

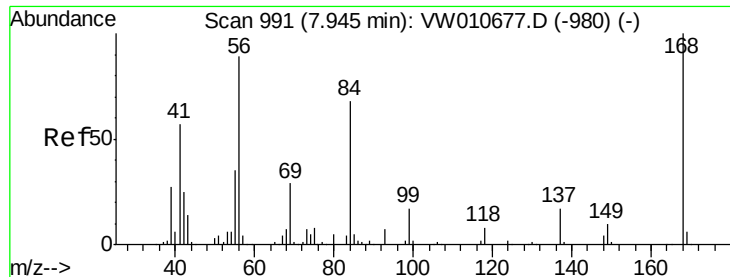
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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	71770	20.704	ug/l	99
94) Hexachlorobutadiene	15.24	225	44845	20.613	ug/l	100
95) Naphthalene	15.37	128	123869	19.667	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	61802	20.964	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: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

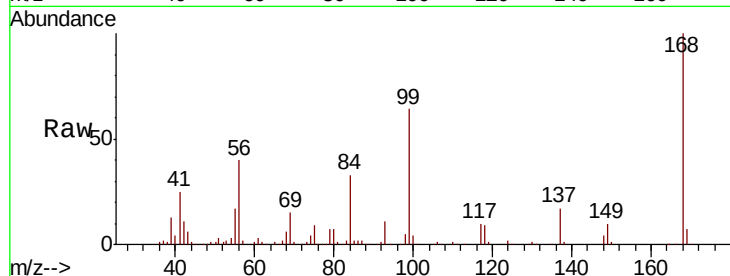
ClientSampled :

Tot Ion:168 Resp: 245621

Ion Ratio Lower Upper

168 100

99 63.6 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

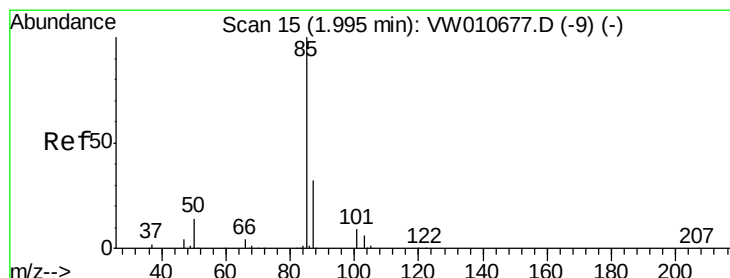
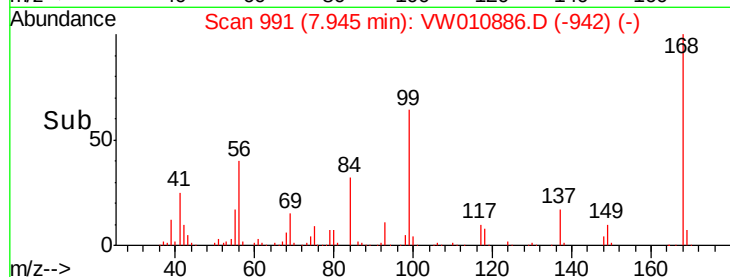
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.660 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010886.D

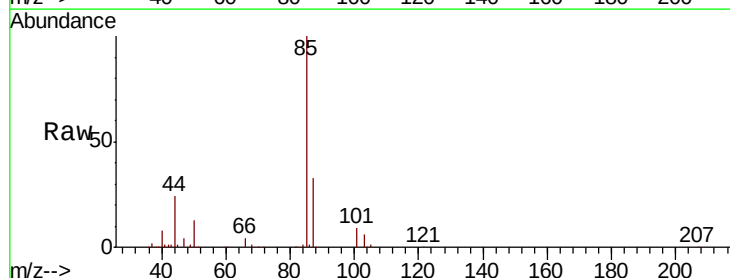
Acq: 20 Jun 2019 12:26

Tgt Ion: 85 Resp: 44625

Ion Ratio Lower Upper

85 100

87 32.8 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

30000

25000

20000

15000

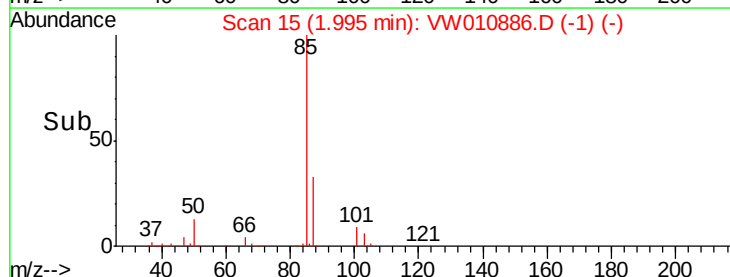
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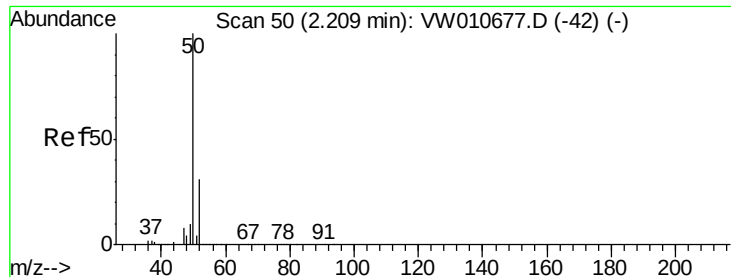
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 20.028 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

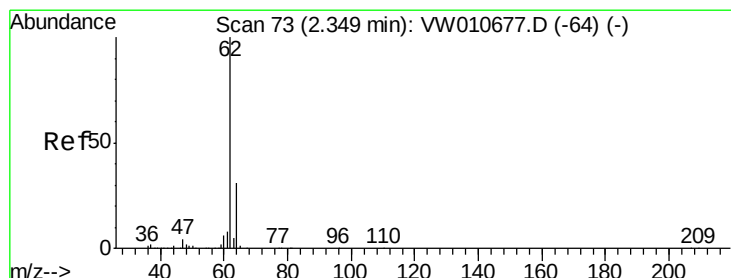
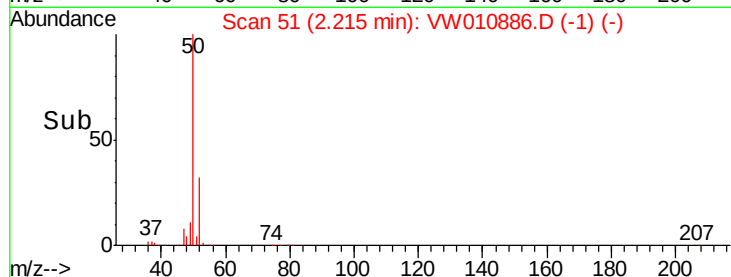
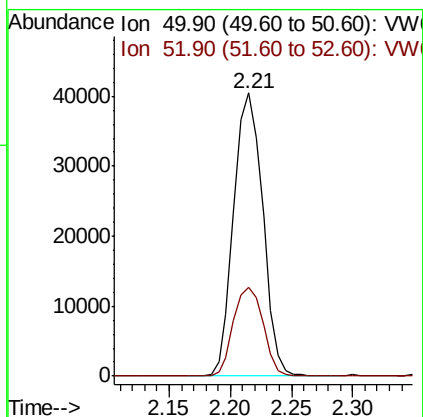
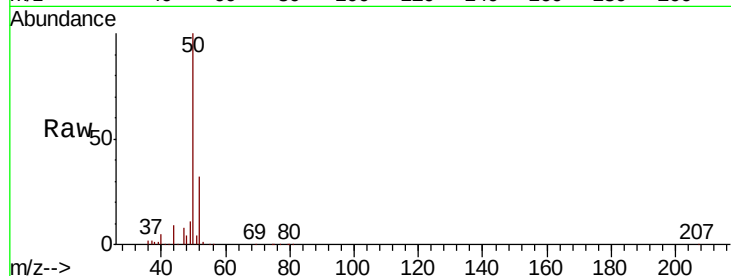
ClientSampleId :

Tot Ion: 50 Resp: 66883

Ion Ratio Lower Upper

50 100

52 31.6 25.2 37.8



#4

Vinyl Chloride

Concen: 19.323 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010886.D

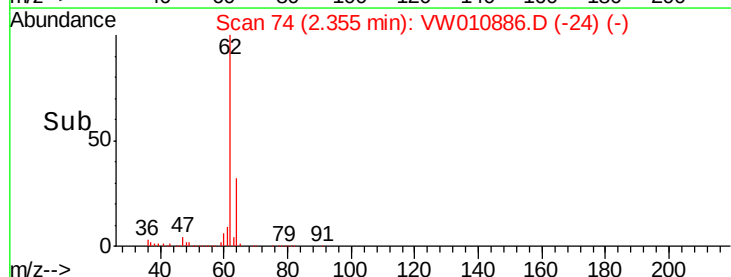
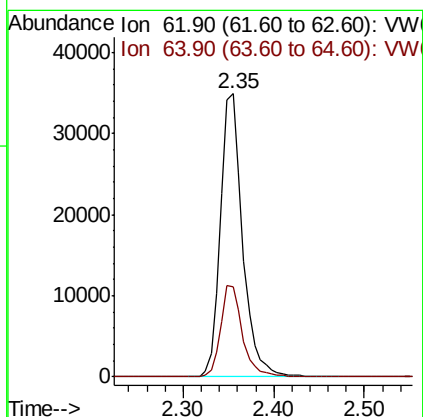
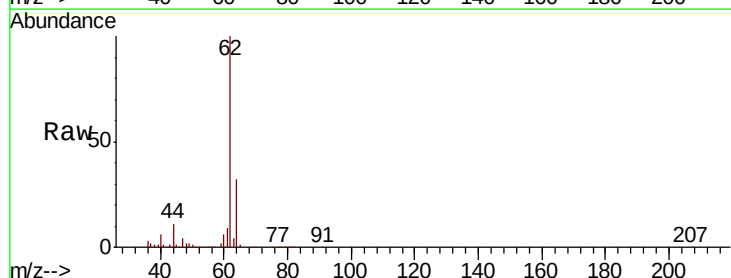
Acq: 20 Jun 2019 12:26

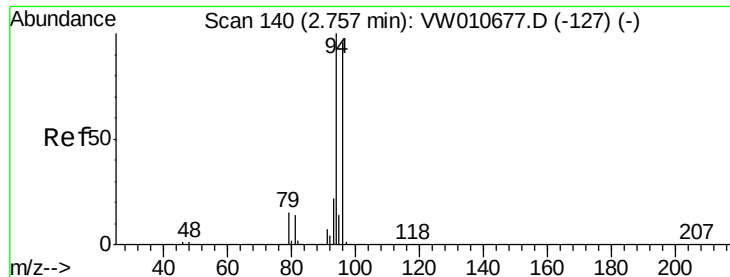
Tgt Ion: 62 Resp: 59620

Ion Ratio Lower Upper

62 100

64 31.9 24.5 36.7





#5

Bromomethane

Concen: 20.402 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

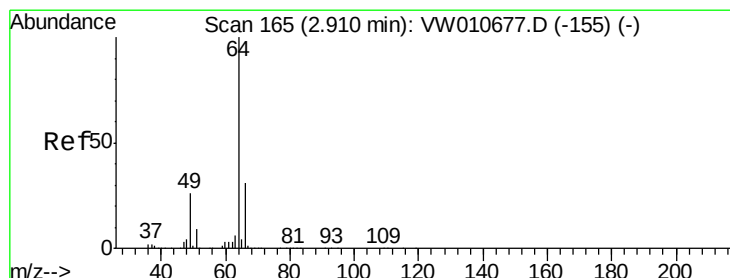
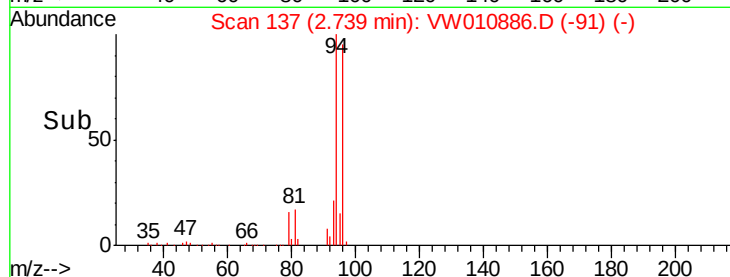
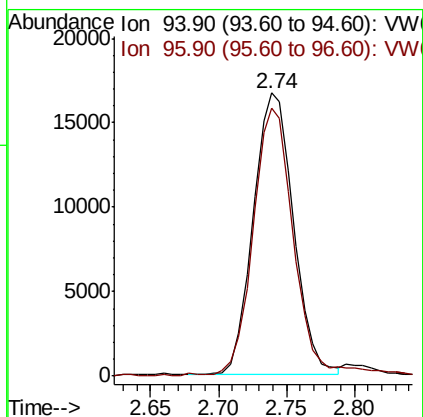
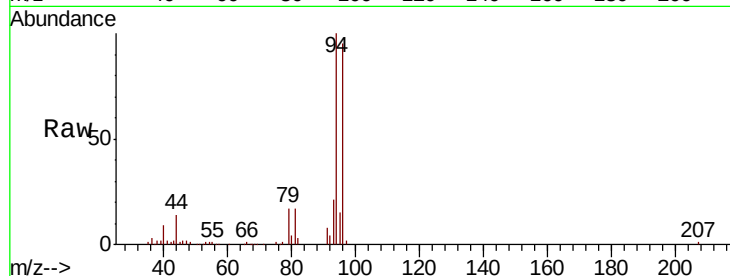
ClientSampleId :

Tot Ion: 94 Resp: 34567

Ion Ratio Lower Upper

94 100

96 94.2 76.5 114.7



#6

Chloroethane

Concen: 19.890 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW010886.D

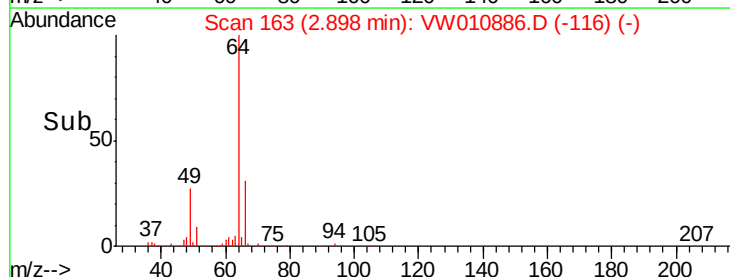
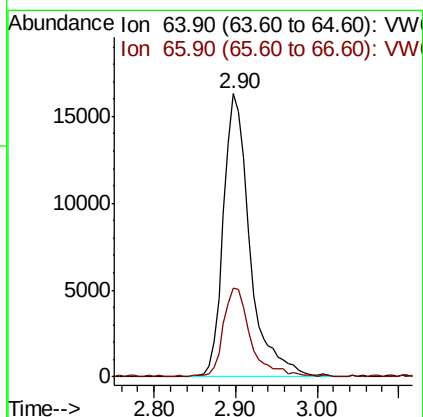
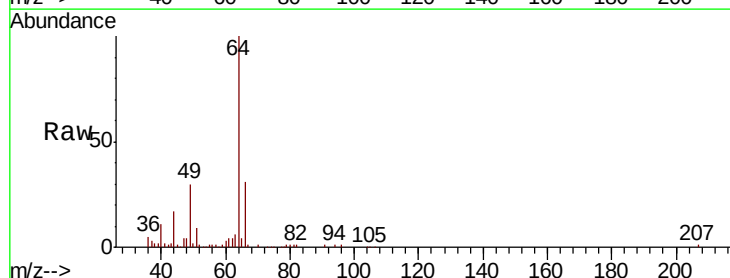
Acq: 20 Jun 2019 12:26

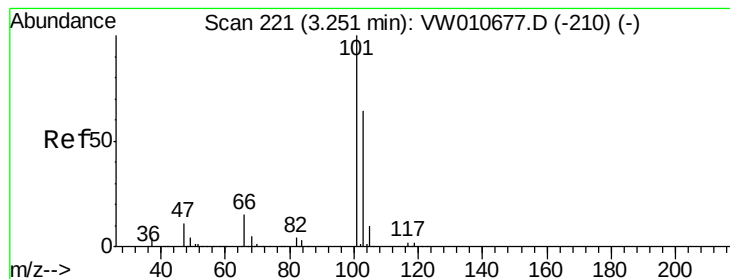
Tgt Ion: 64 Resp: 36836

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7



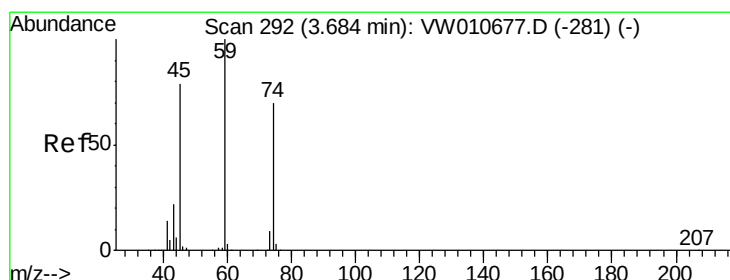
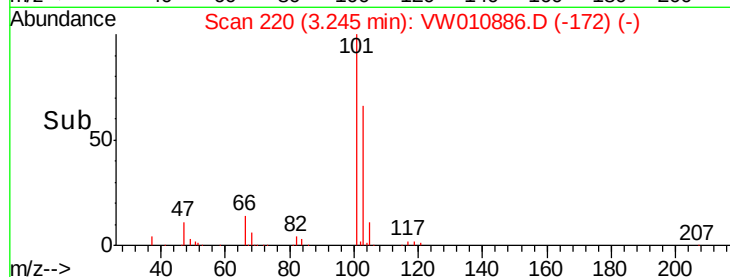
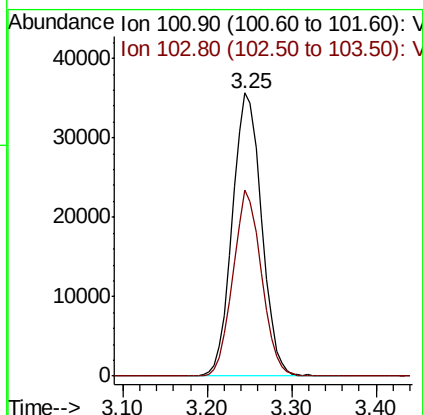
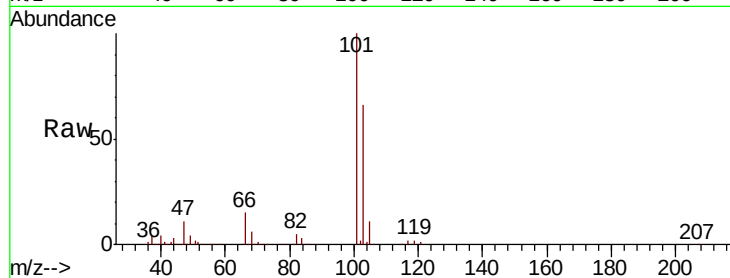


#7

Trichlorofluoromethane
 Concen: 20.880 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Instrument :
 MSVOA_W
 ClientSampleId :

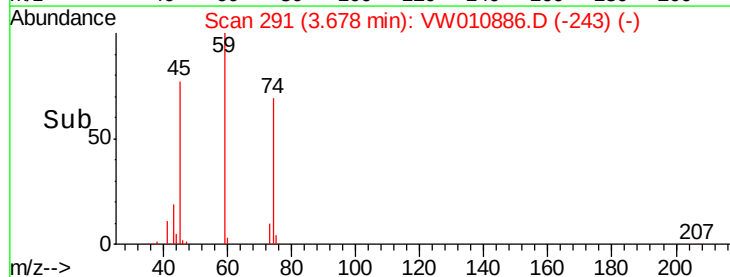
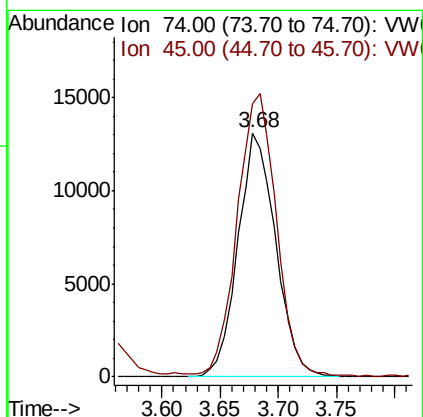
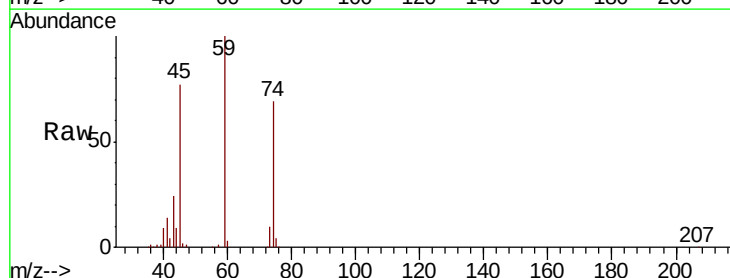
Tot Ion:101 Resp: 83625
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.2 76.8

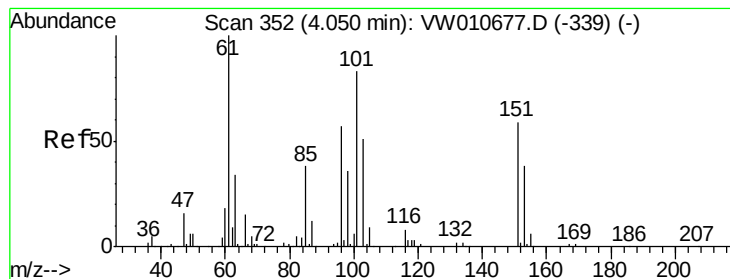


#8

Diethyl Ether
 Concen: 20.767 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion: 74 Resp: 29724
 Ion Ratio Lower Upper
 74 100
 45 119.6 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.707 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

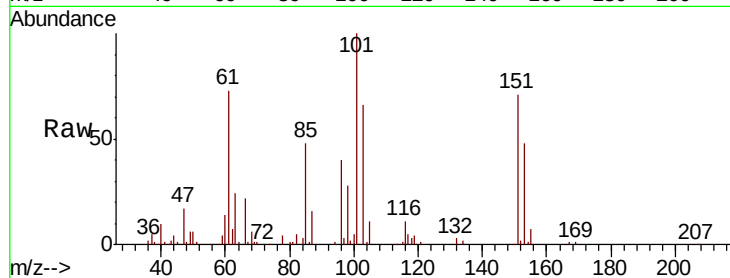
Tot Ion:101 Resp: 50988

Ion Ratio Lower Upper

101 100

85 46.0 35.8 53.8

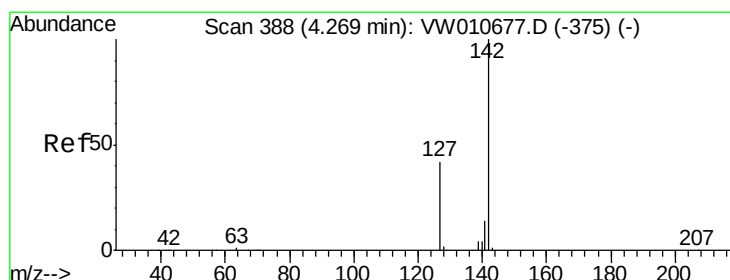
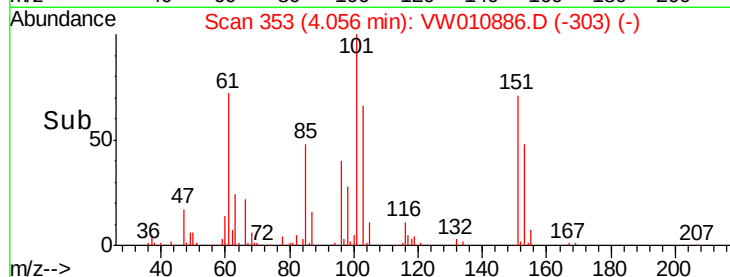
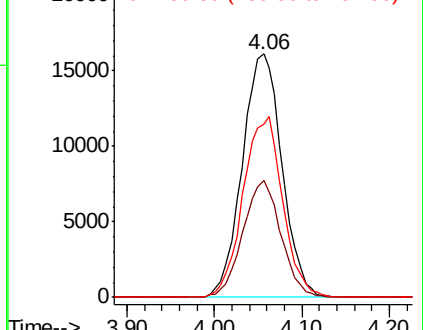
151 73.8 58.1 87.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.948 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

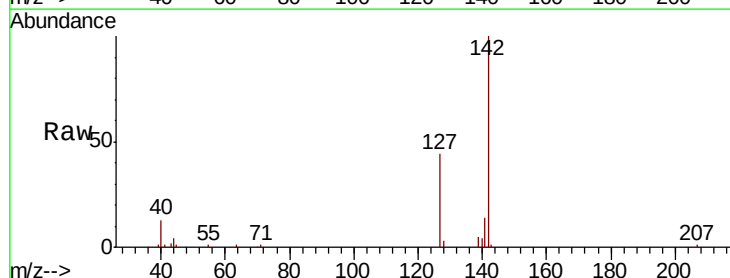
Tgt Ion:142 Resp: 36895

Ion Ratio Lower Upper

142 100

127 45.0 34.6 51.8

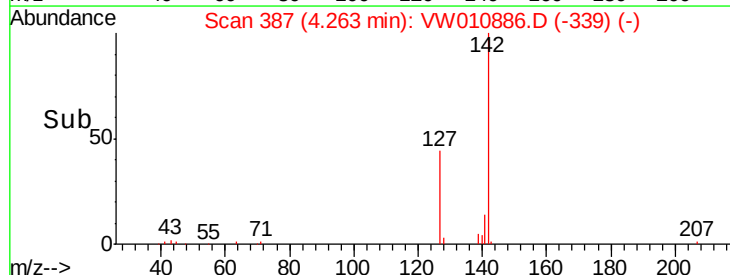
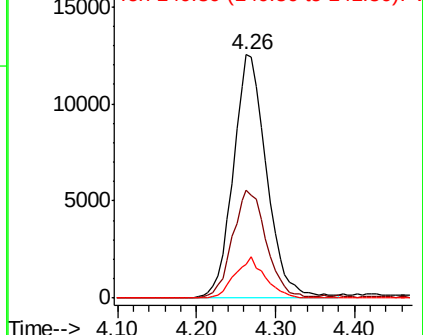
141 15.3 11.6 17.4

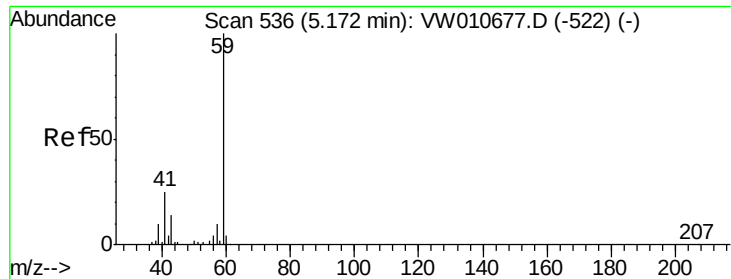


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



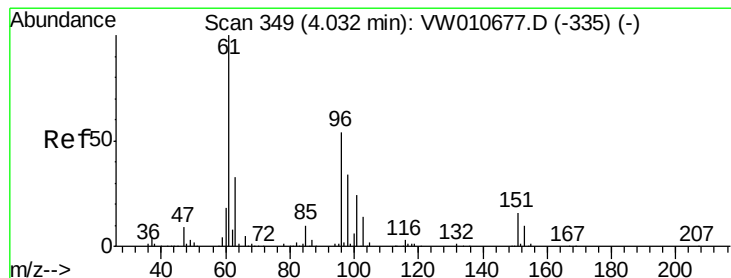
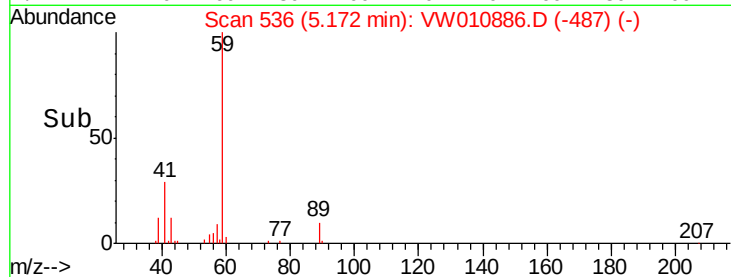
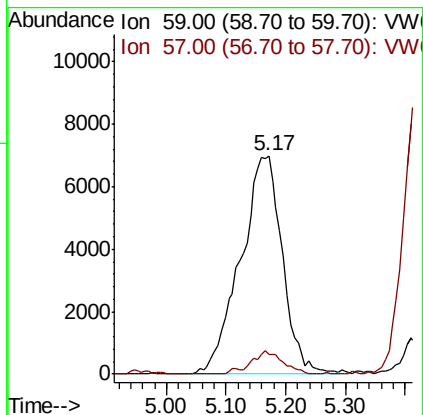
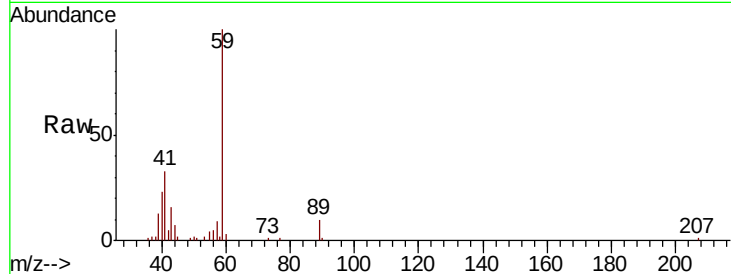


#11

Tert butyl alcohol
 Concen: 144.729 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Instrument :
 MSVOA_W
 ClientSampled :

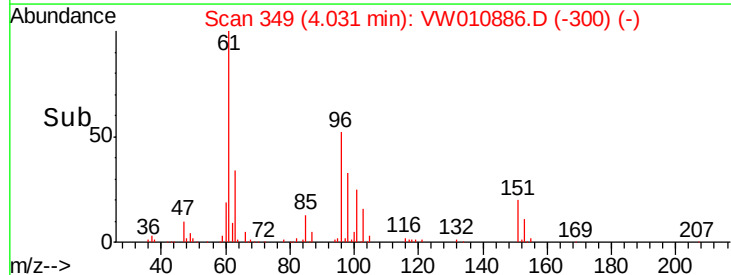
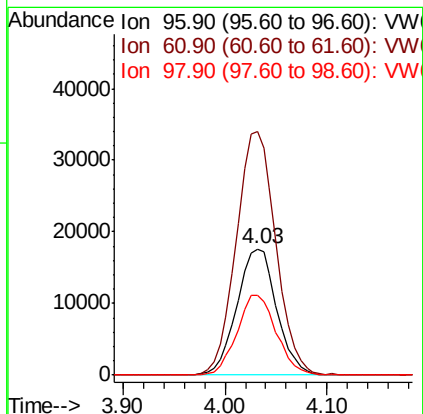
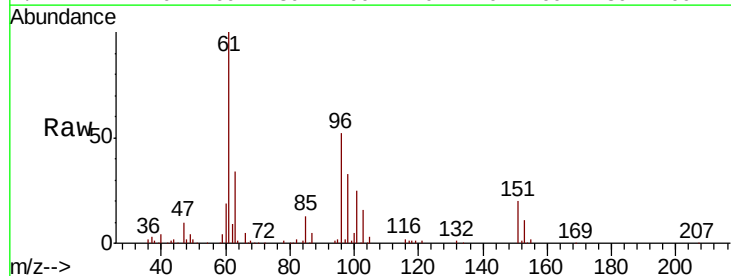
Tot Ion: 59 Resp: 34135
 Ion Ratio Lower Upper
 59 100
 57 7.4 8.6 12.8#

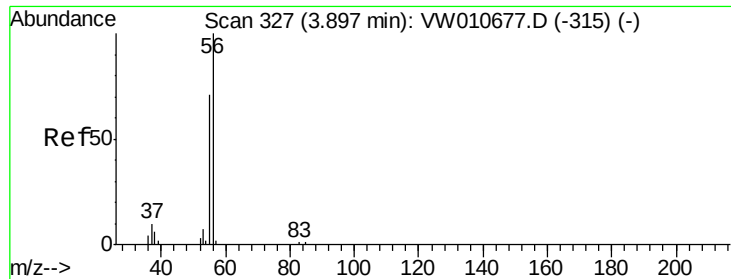


#12

1,1-Dichloroethene
 Concen: 20.066 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion: 96 Resp: 47663
 Ion Ratio Lower Upper
 96 100
 61 192.5 149.1 223.7
 98 63.0 51.1 76.7





#13

Acrolein

Concen: 72.423 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

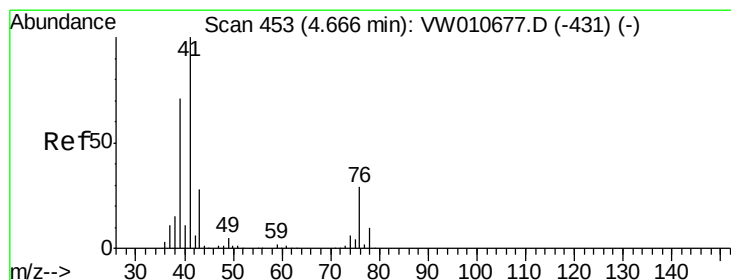
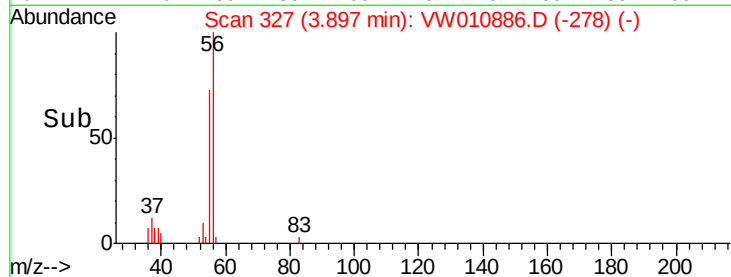
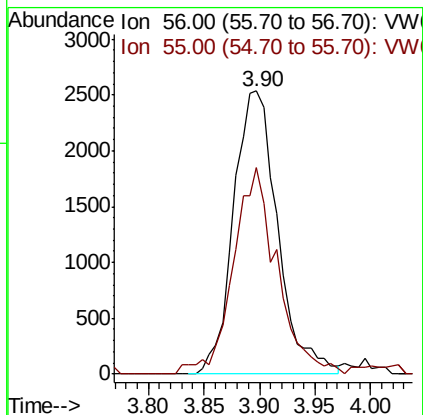
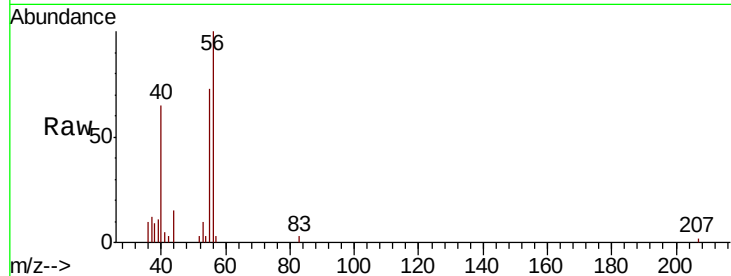
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 6980

Ion Ratio Lower Upper

56 100

55 72.4 57.6 86.4



#14

Allyl chloride

Concen: 20.901 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

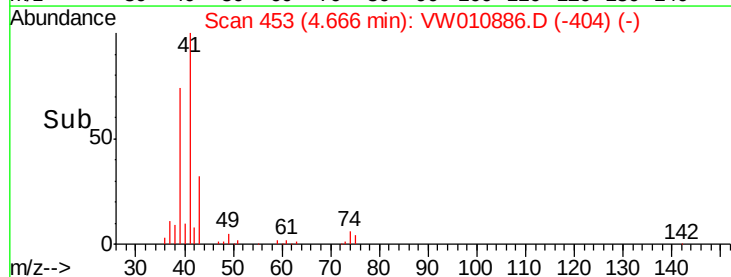
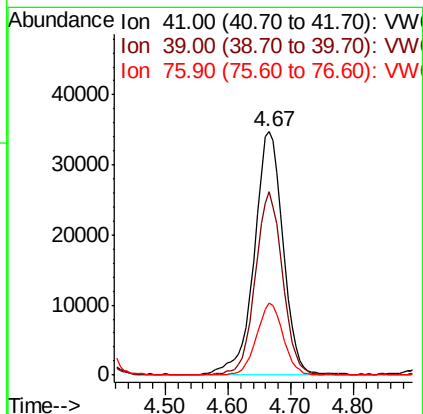
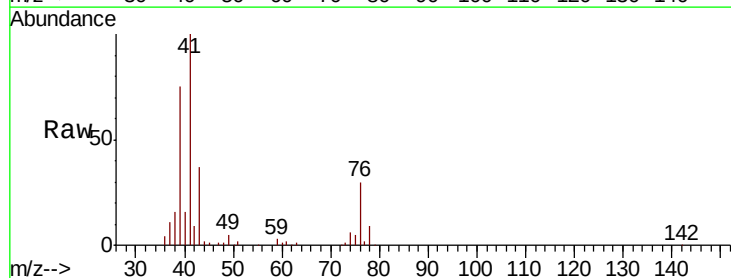
Tgt Ion: 41 Resp: 109466

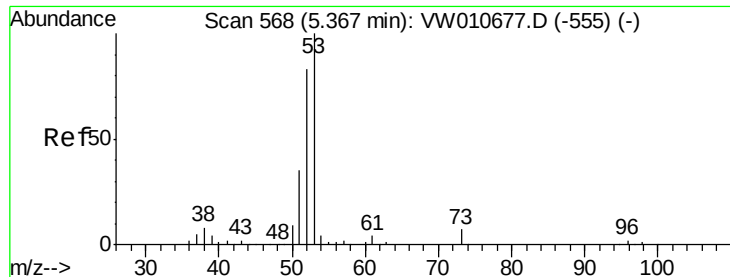
Ion Ratio Lower Upper

41 100

39 71.2 55.8 83.6

76 27.6 22.7 34.1





#15

Acrylonitrile

Concen: 106.822 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampled :

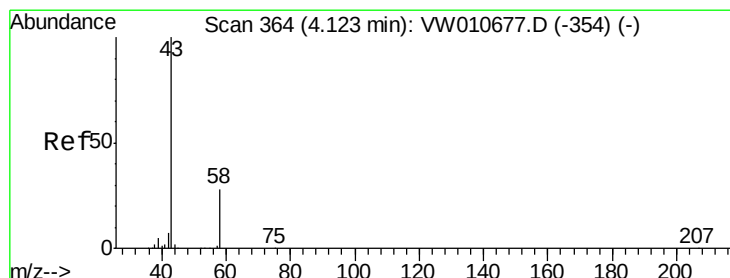
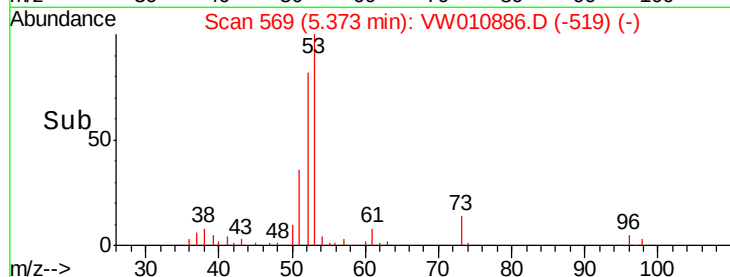
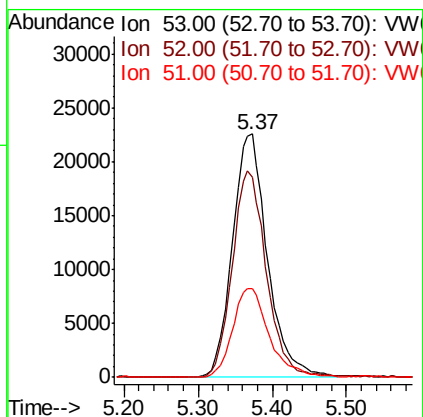
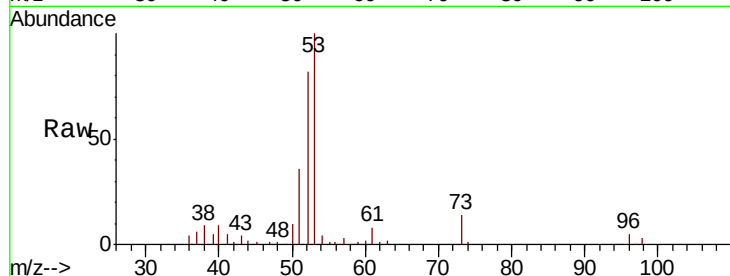
Tot Ion: 53 Resp: 74278

Ion Ratio Lower Upper

53 100

52 82.7 66.6 100.0

51 38.3 29.8 44.8



#16

Acetone

Concen: 109.296 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010886.D

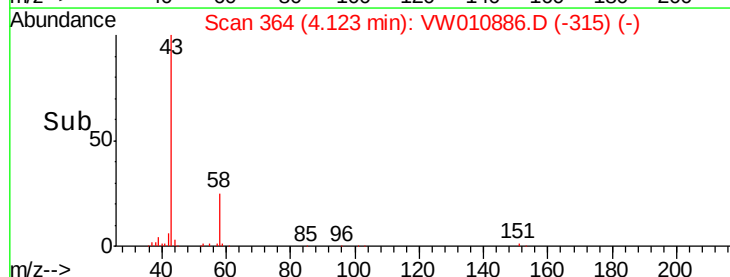
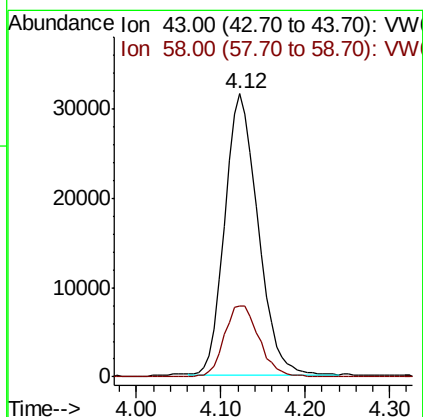
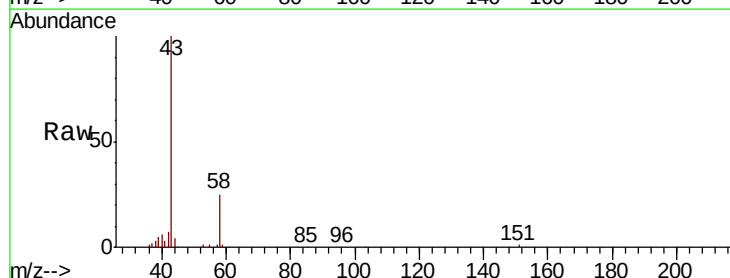
Acq: 20 Jun 2019 12:26

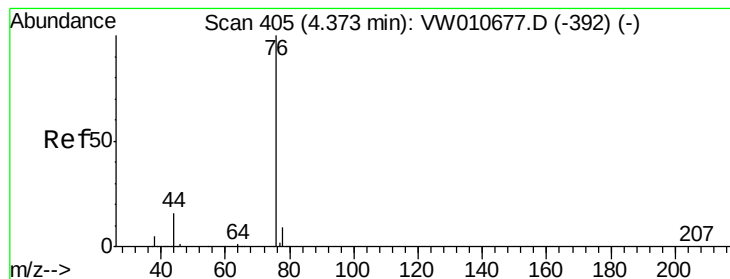
Tgt Ion: 43 Resp: 84784

Ion Ratio Lower Upper

43 100

58 25.1 22.1 33.1





#17

Carbon Disulfide

Concen: 17.809 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

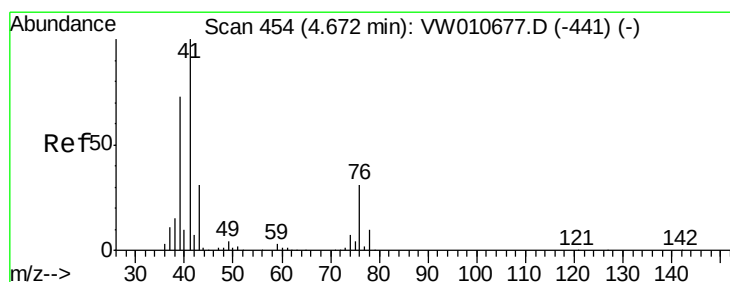
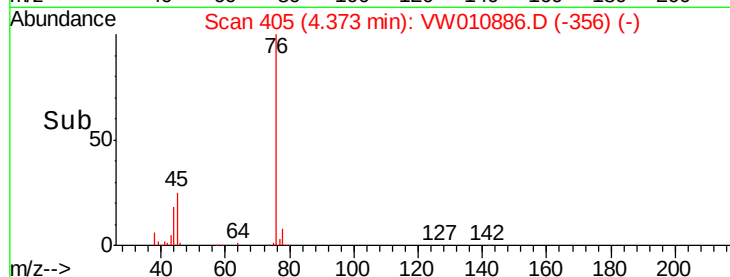
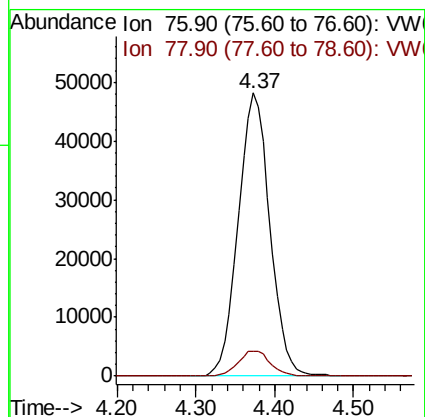
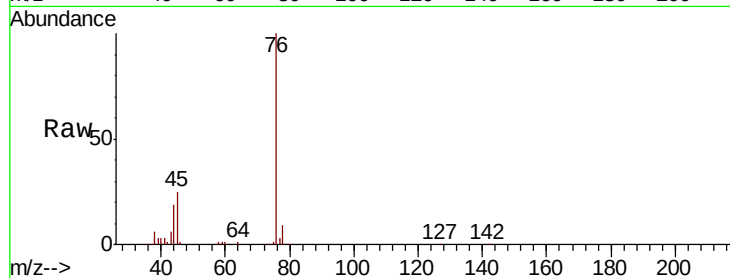
ClientSampled :

Tot Ion: 76 Resp: 134289

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3



#18

Methyl Acetate

Concen: 23.894 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW010886.D

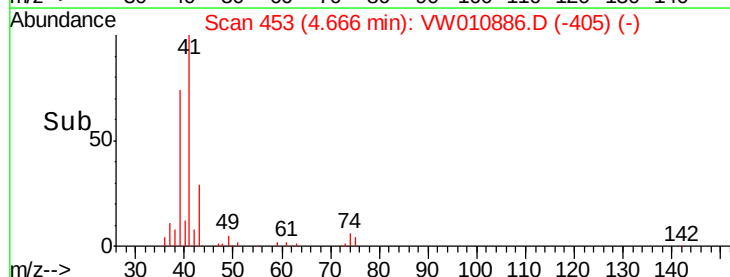
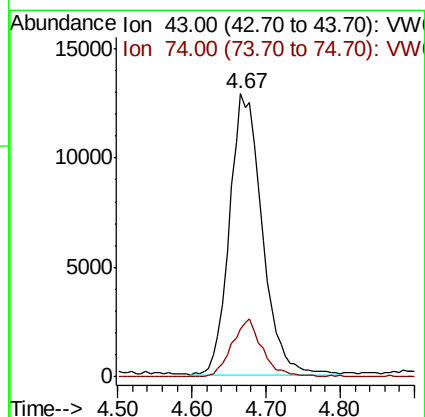
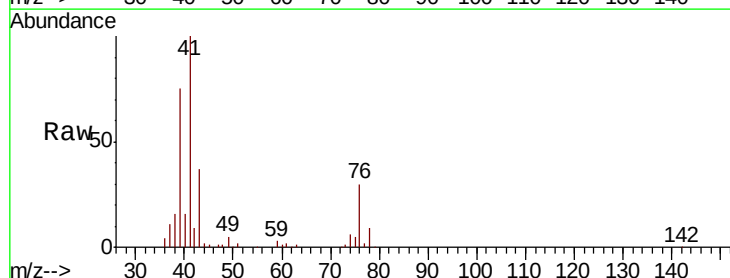
Acq: 20 Jun 2019 12:26

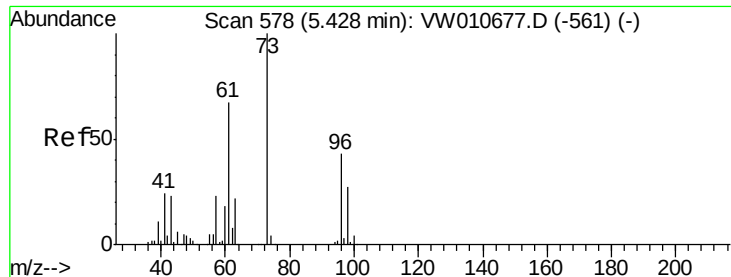
Tgt Ion: 43 Resp: 39899

Ion Ratio Lower Upper

43 100

74 19.0 16.7 25.1

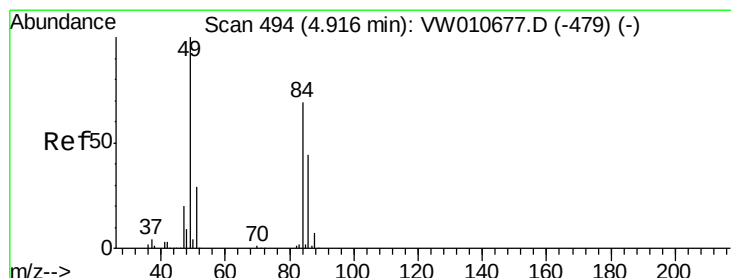
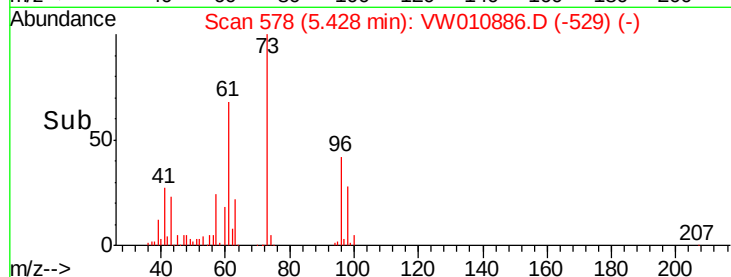
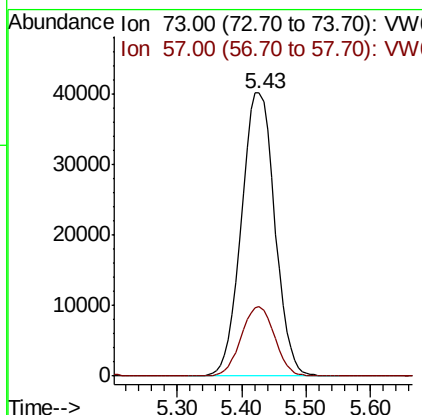
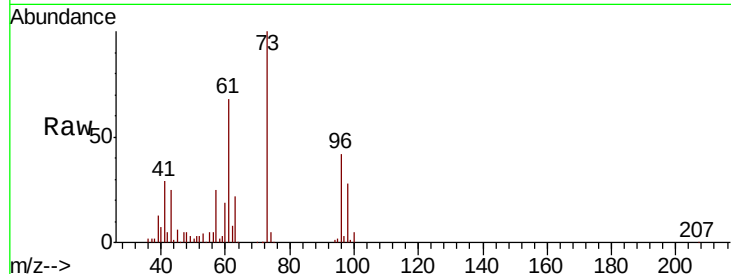




#19
Methyl tert-butyl Ether
Concen: 20.991 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

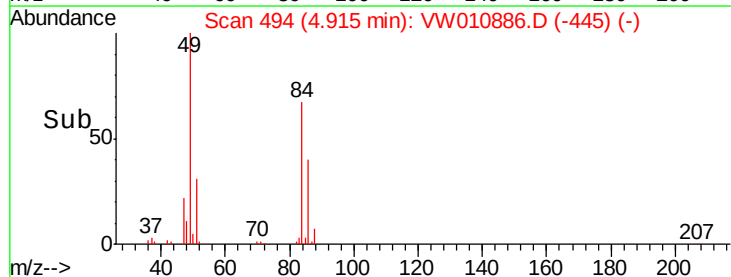
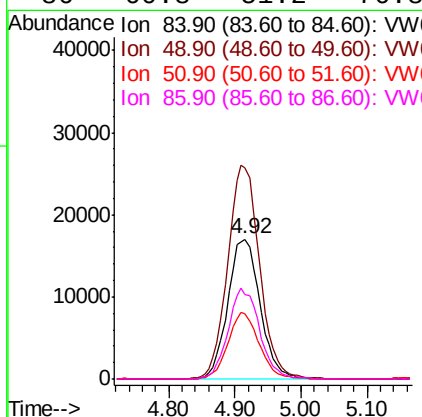
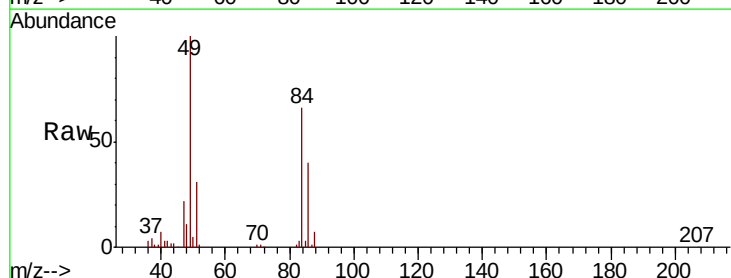
Instrument :
MSVOA_W
ClientSampled :

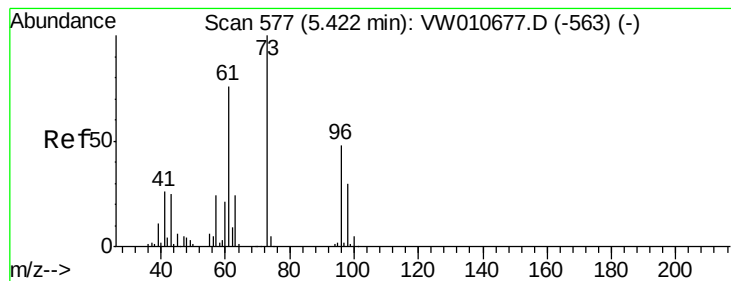
Tot Ion: 73 Resp: 143807
Ion Ratio Lower Upper
73 100
57 24.7 18.6 27.8



#20
Methylene Chloride
Concen: 21.169 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion: 84 Resp: 57608
Ion Ratio Lower Upper
84 100
49 150.2 116.7 175.1
51 47.0 34.2 51.2
86 60.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.324 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

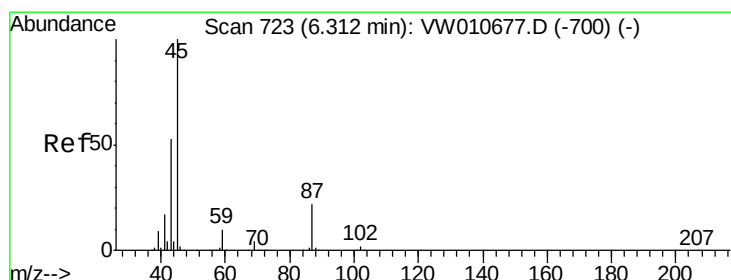
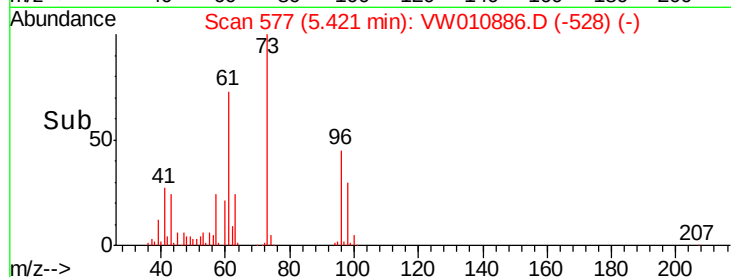
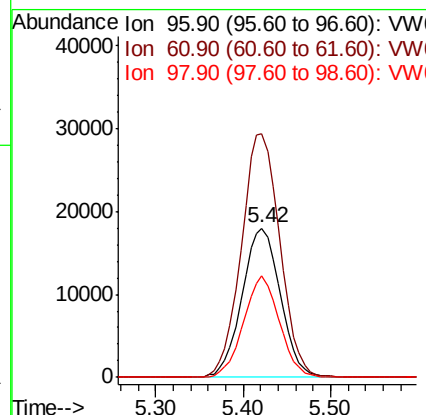
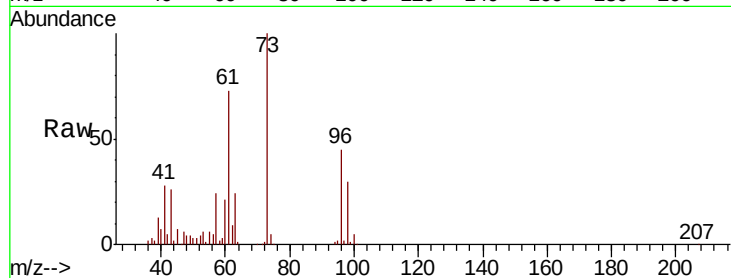
Tot Ion: 96 Resp: 54803

Ion Ratio Lower Upper

96 100

61 162.8 126.0 189.0

98 67.5 49.6 74.4



#22

Diisopropyl ether

Concen: 21.917 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Tgt Ion: 45 Resp: 229805

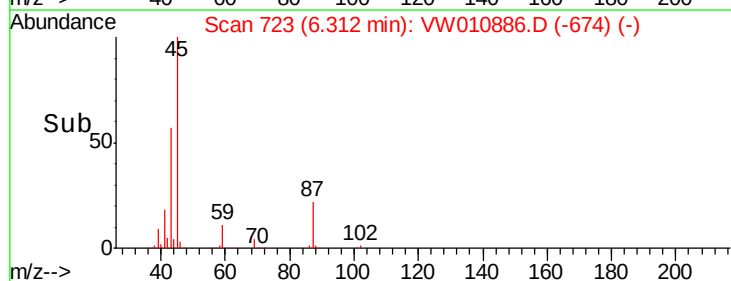
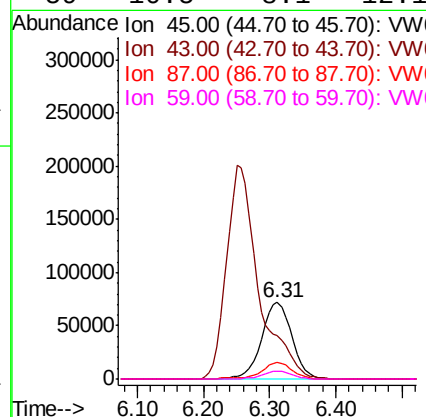
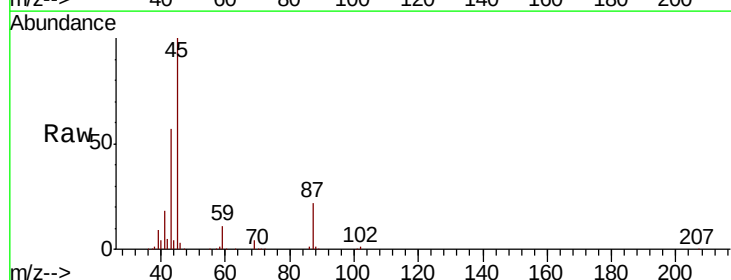
Ion Ratio Lower Upper

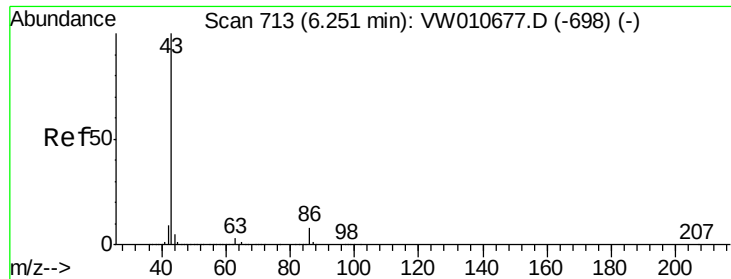
45 100

43 57.3 42.5 63.7

87 22.3 17.4 26.2

59 10.5 8.1 12.1





#23

Vinyl Acetate

Concen: 106.494 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

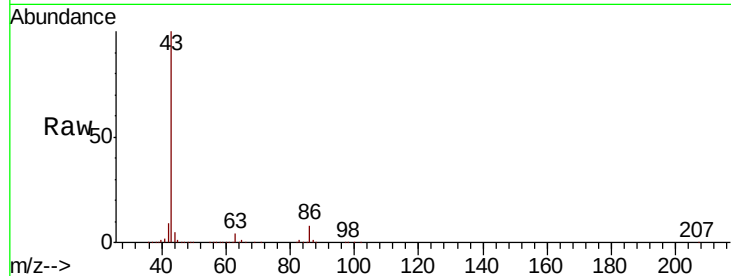
ClientSampleId :

Tot Ion: 43 Resp: 673890

Ion Ratio Lower Upper

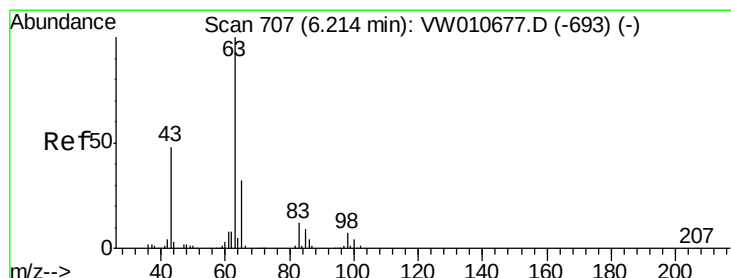
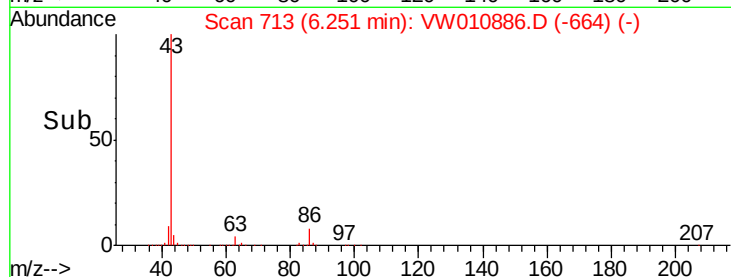
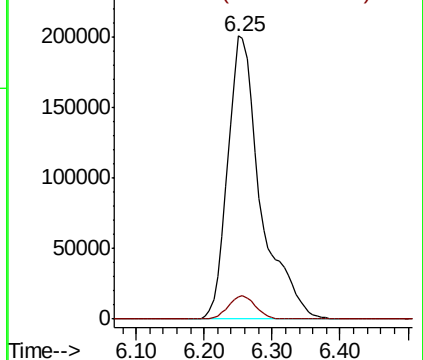
43 100

86 7.9 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.373 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

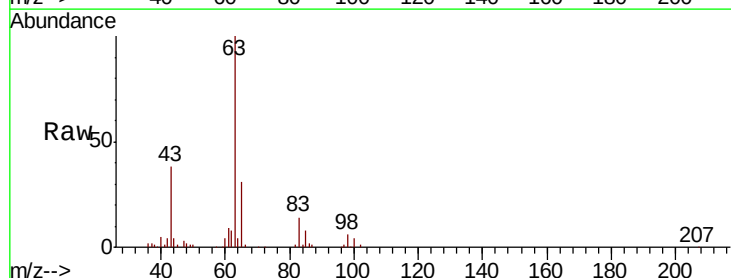
Tgt Ion: 63 Resp: 112307

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

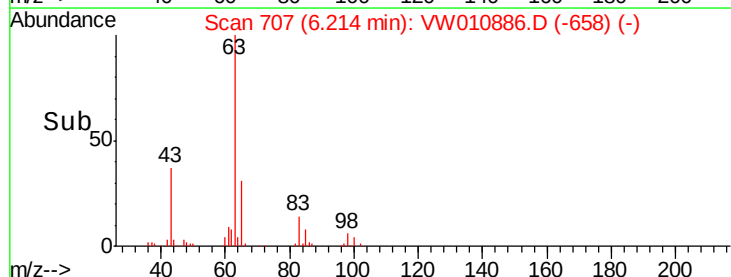
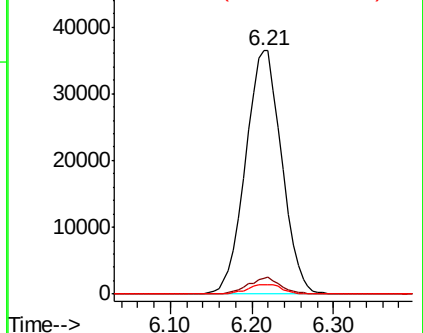
100 4.1 2.1 6.3

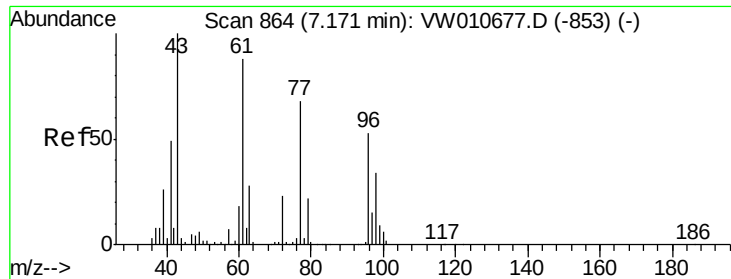


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 113.004 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

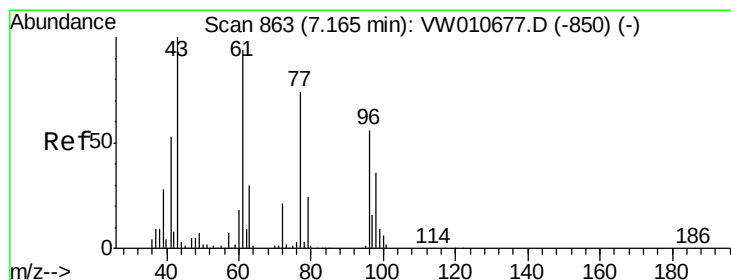
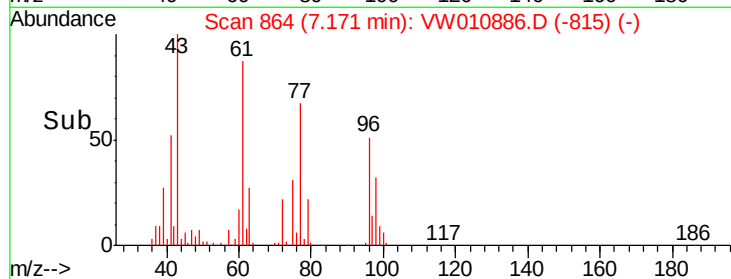
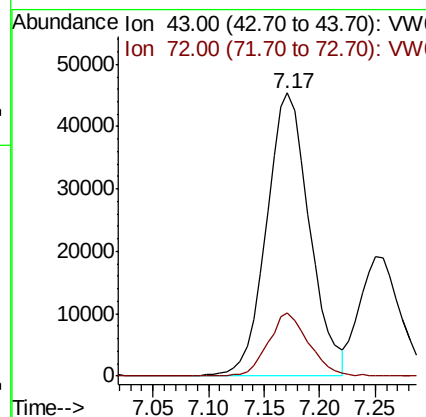
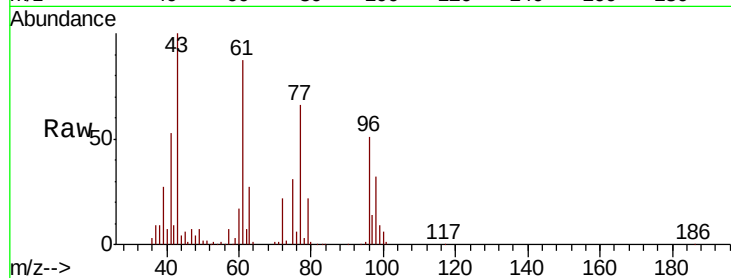
ClientSampled :

Tot Ion: 43 Resp: 121553

Ion Ratio Lower Upper

43 100

72 22.4 18.1 27.1



#26

2,2-Dichloropropane

Concen: 22.715 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010886.D

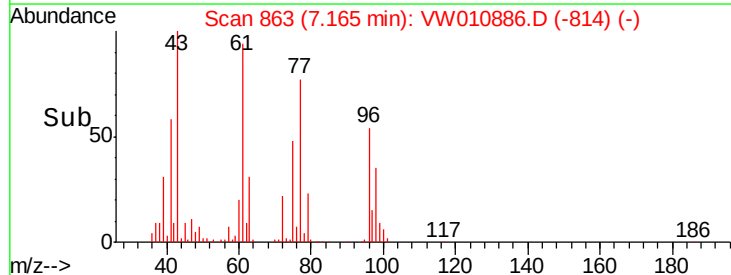
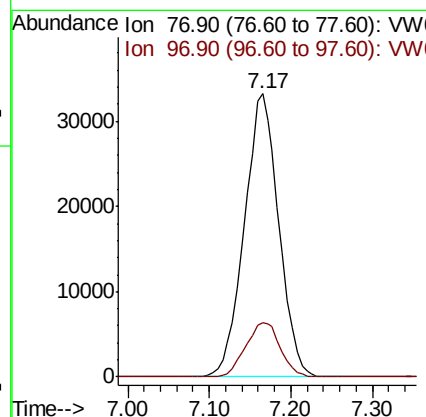
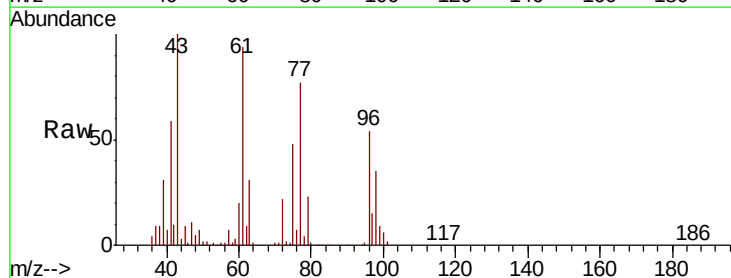
Acq: 20 Jun 2019 12:26

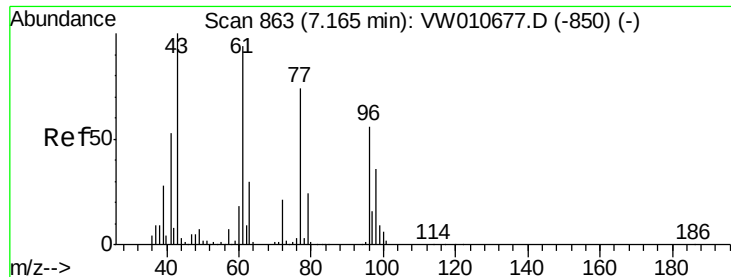
Tgt Ion: 77 Resp: 97126

Ion Ratio Lower Upper

77 100

97 19.3 10.5 31.6



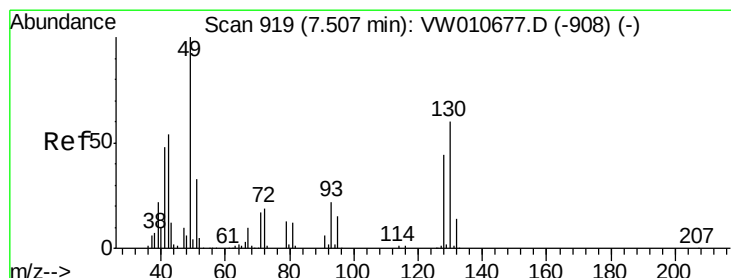
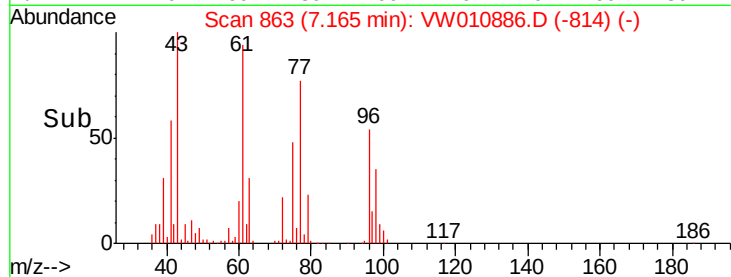
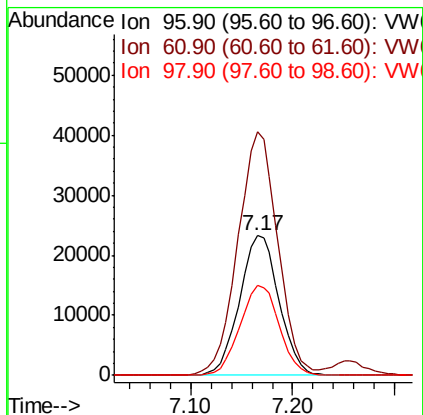
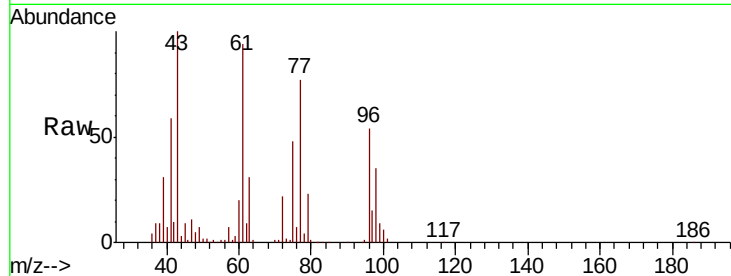


#27

cis-1,2-Dichloroethene
Concen: 21.061 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampled :

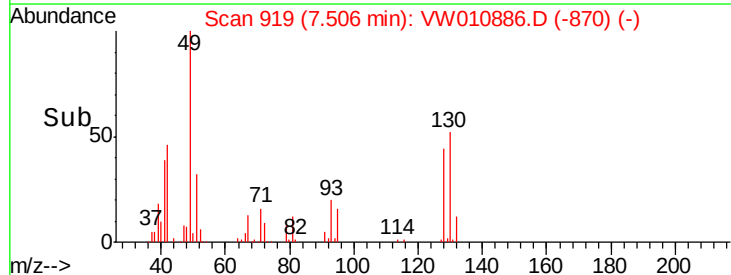
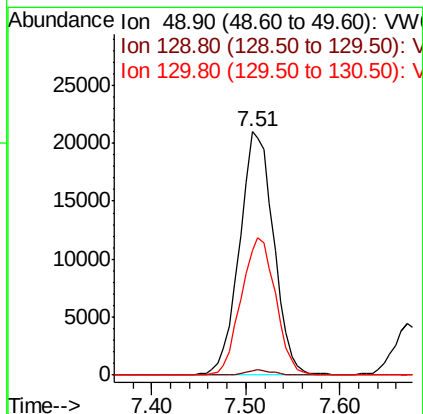
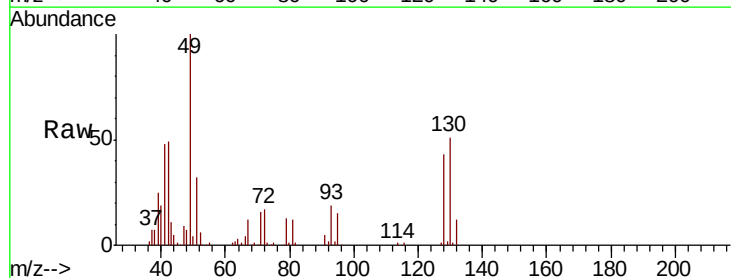
Tot Ion: 96 Resp: 62497
Ion Ratio Lower Upper
96 100
61 176.6 0.0 336.4
98 64.3 0.0 128.0

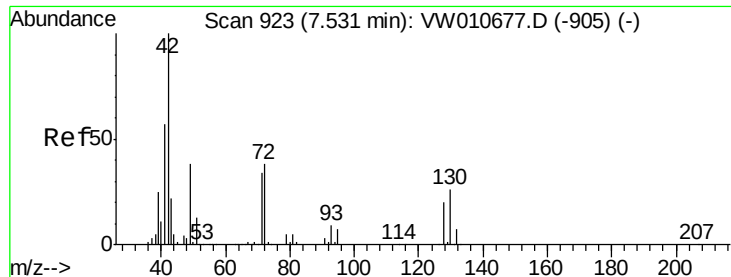


#28

Bromochloromethane
Concen: 22.582 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion: 49 Resp: 52956
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.2
130 56.9 48.3 72.5

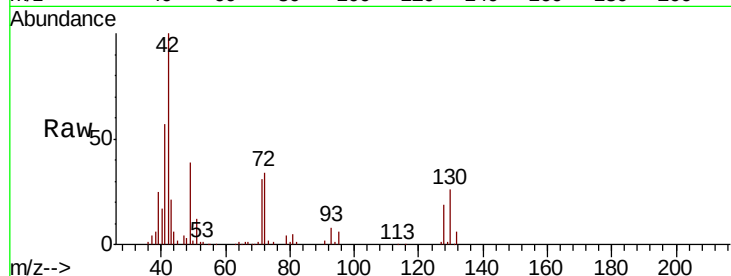




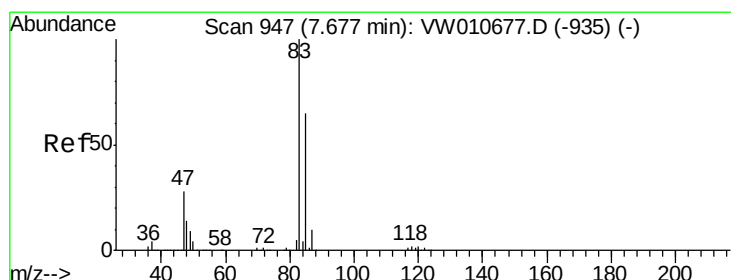
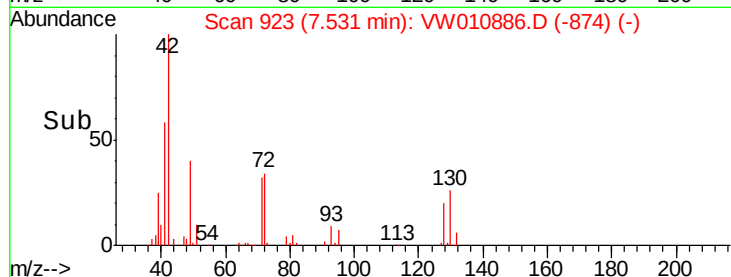
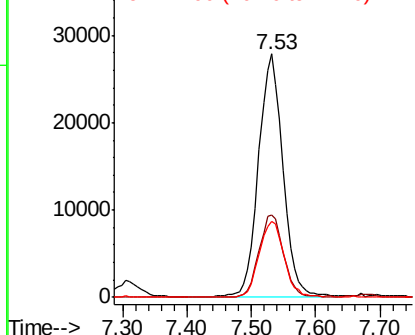
#29
Tetrahydrofuran
Concen: 107.359 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 42 Resp: 72637
Ion Ratio Lower Upper
42 100
72 34.1 28.7 43.1
71 32.1 26.6 39.8

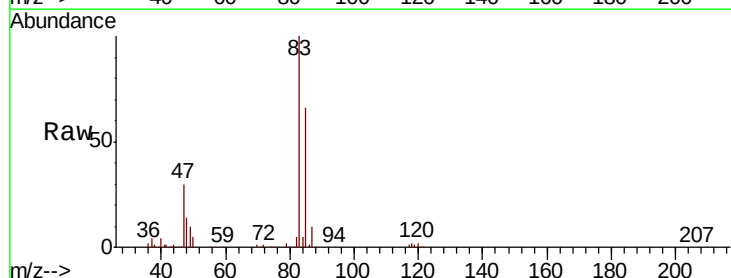


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

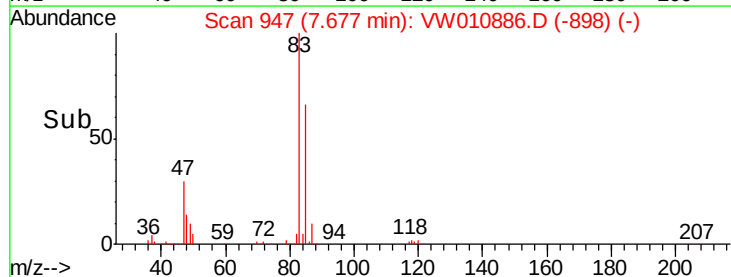
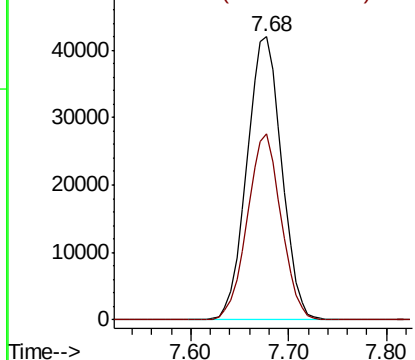


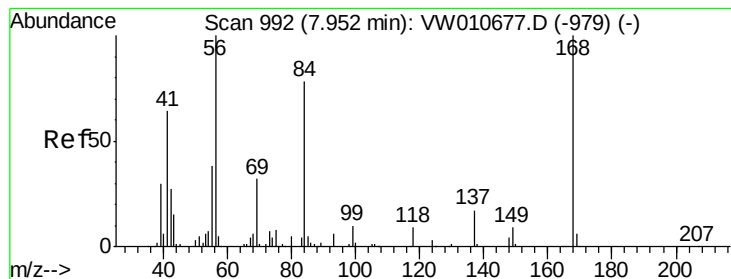
#30
Chloroform
Concen: 21.565 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion: 83 Resp: 103647
Ion Ratio Lower Upper
83 100
85 65.9 51.8 77.8



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





#31

Cyclohexane

Concen: 20.393 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampled :

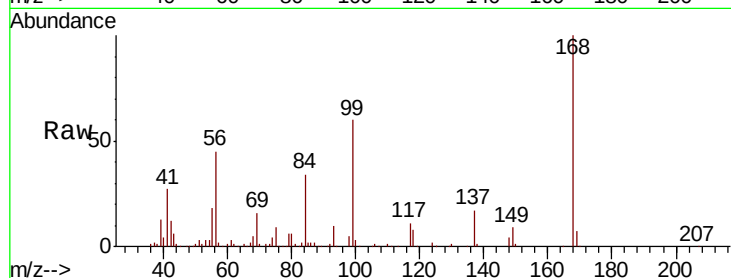
Tot Ion: 56 Resp: 119120

Ion Ratio Lower Upper

56 100

69 35.7 25.2 37.8

84 75.5 62.2 93.2

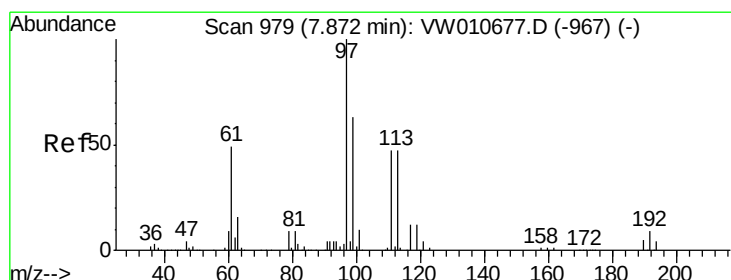
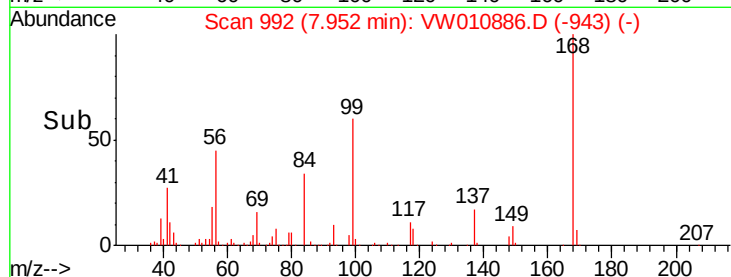
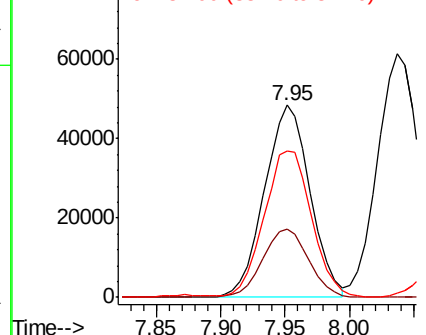


Abundance

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: 20.951 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

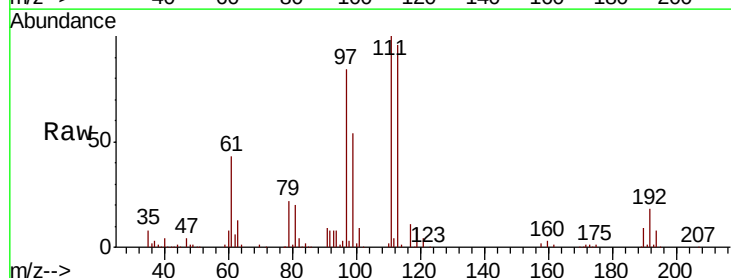
Tgt Ion: 97 Resp: 87964

Ion Ratio Lower Upper

97 100

99 65.5 51.3 76.9

61 51.4 40.4 60.6

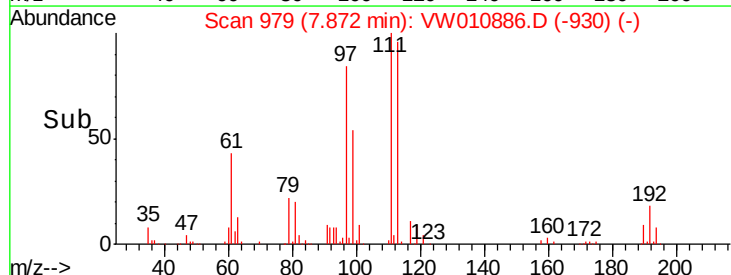
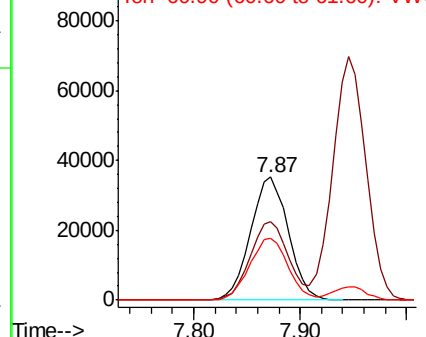


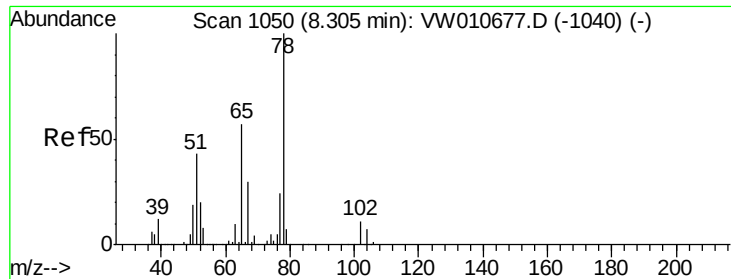
Abundance

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

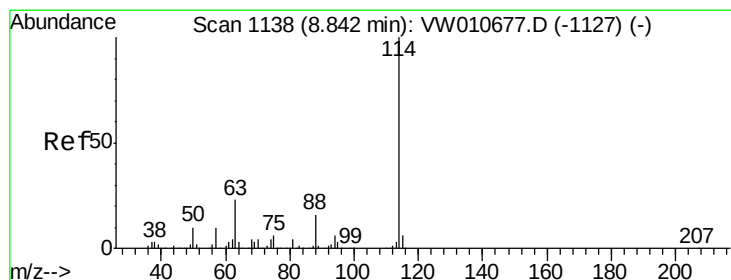
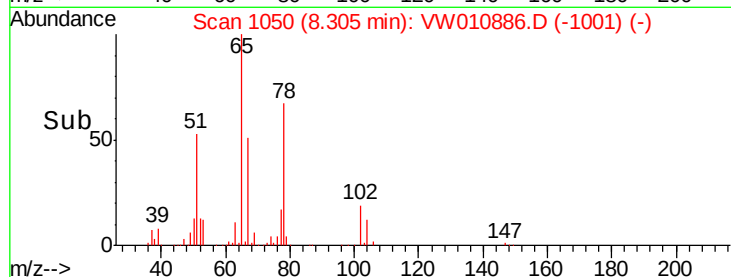
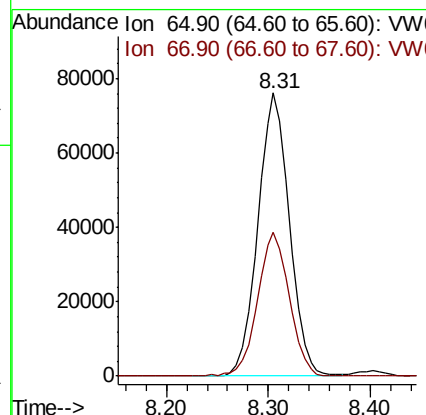
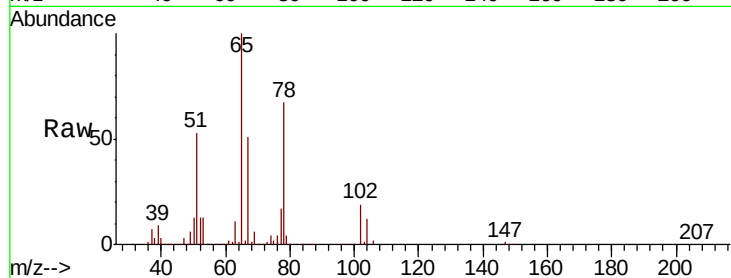




#33
 1,2-Dichloroethane-d4
 Concen: 56.361 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

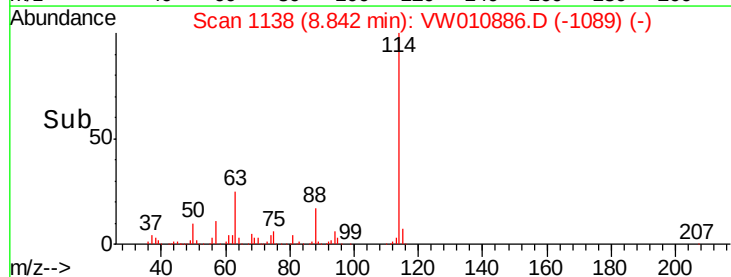
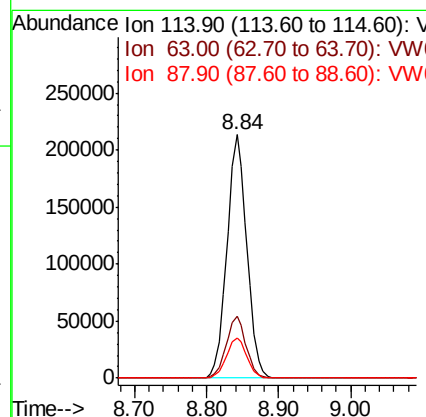
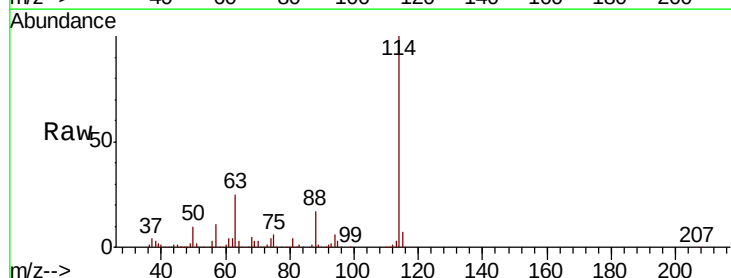
Instrument :
 MSVOA_W
 ClientSampleId :

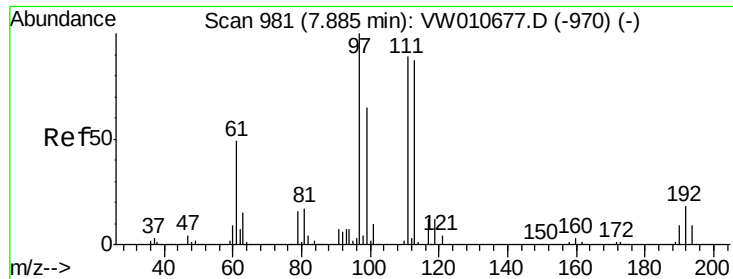
Tot Ion: 65 Resp: 163168
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion: 114 Resp: 408620
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 46.4
 88 16.6 0.0 32.2

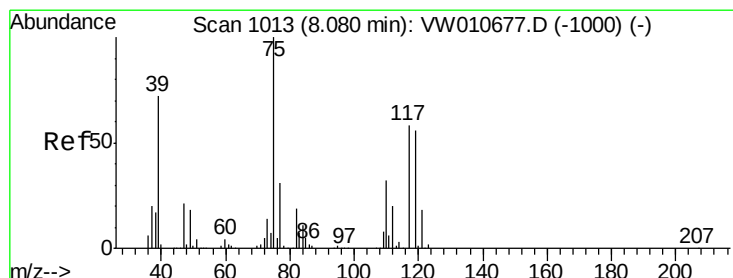
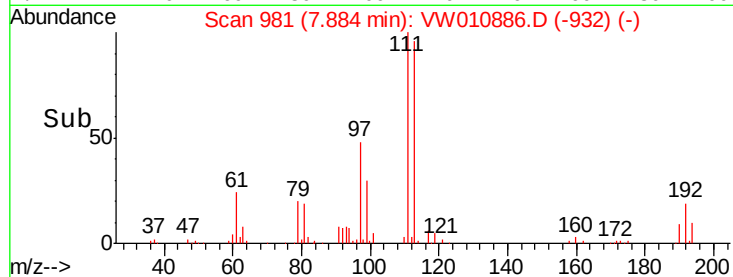
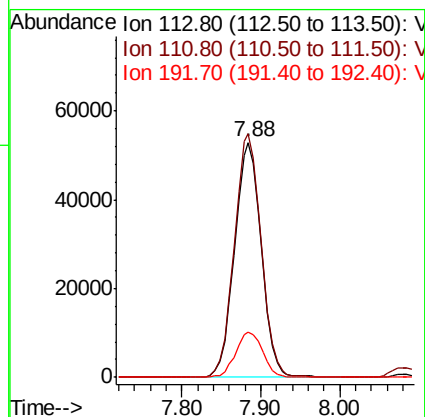
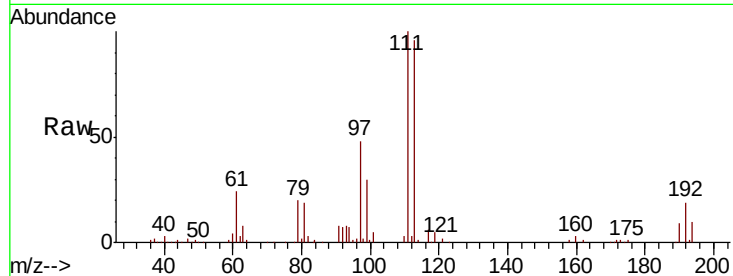




#35
 Dibromofluoromethane
 Concen: 56.139 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

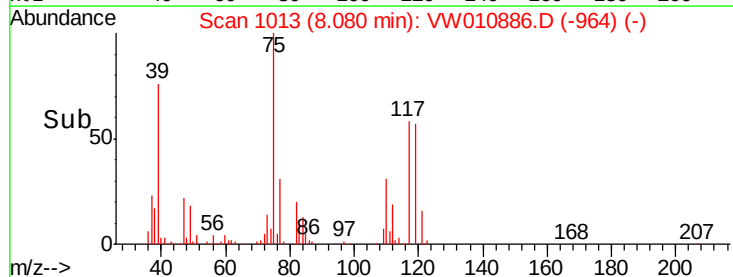
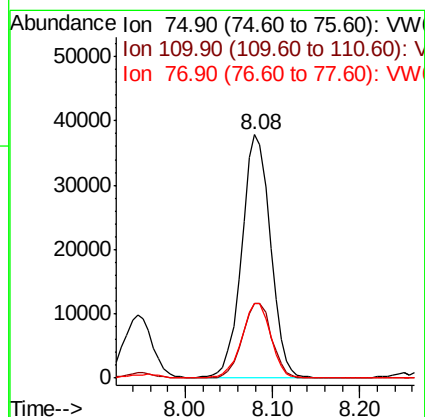
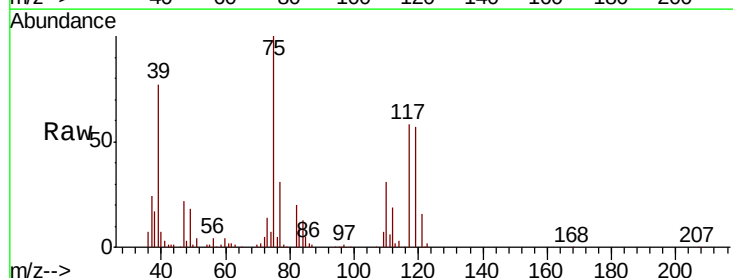
Instrument :
 MSVOA_W
 ClientSampled :

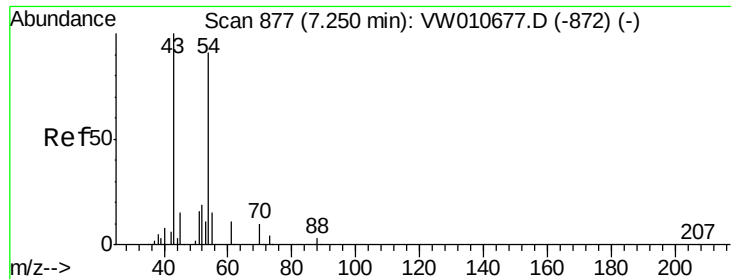
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	19.4	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 20.626 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.5	15.8	47.3
77	31.2	24.7	37.1

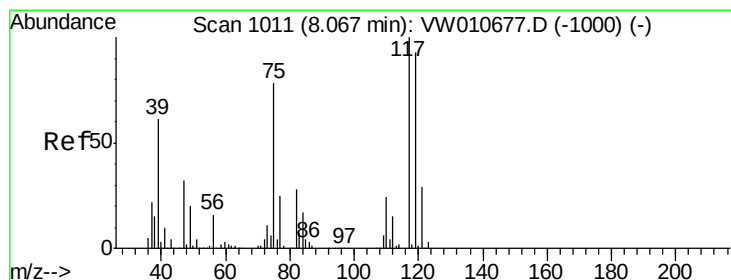
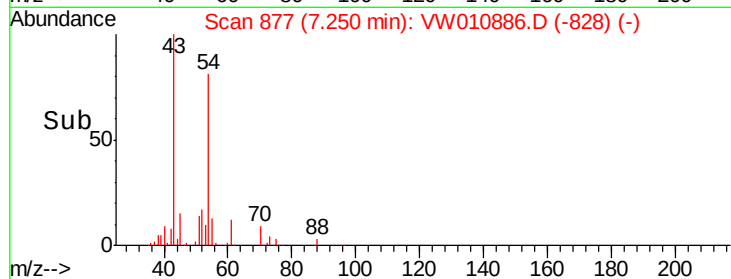
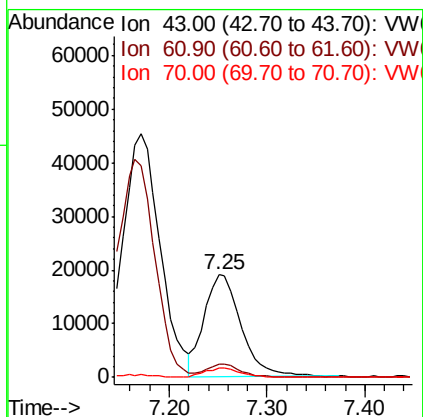
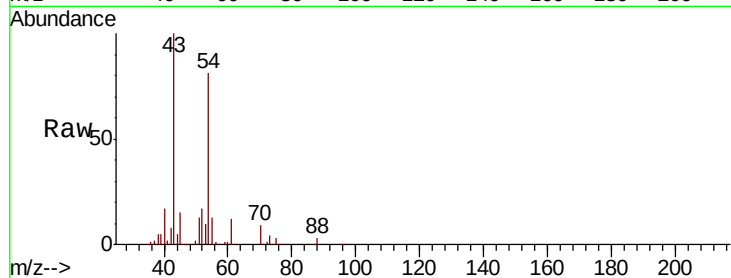




#37
Ethyl Acetate
Concen: 21.426 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

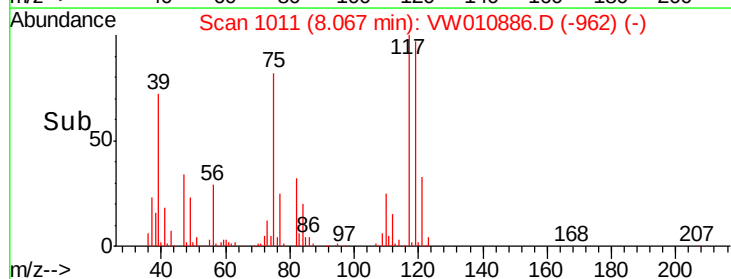
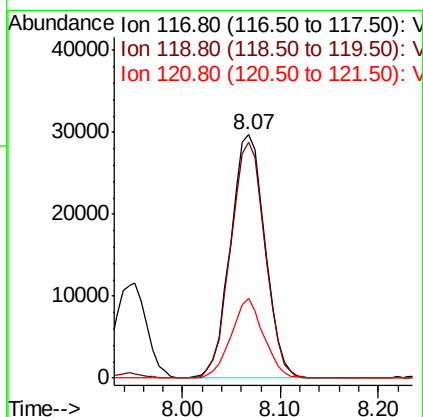
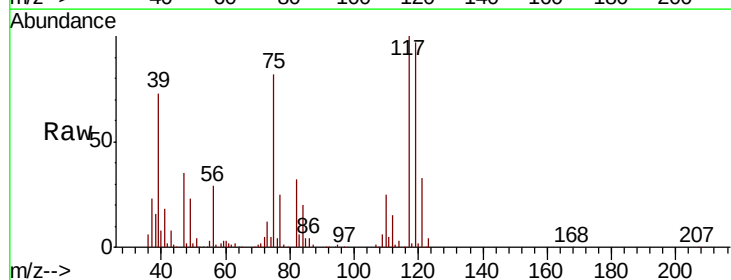
Instrument :
MSVOA_W
ClientSampled :

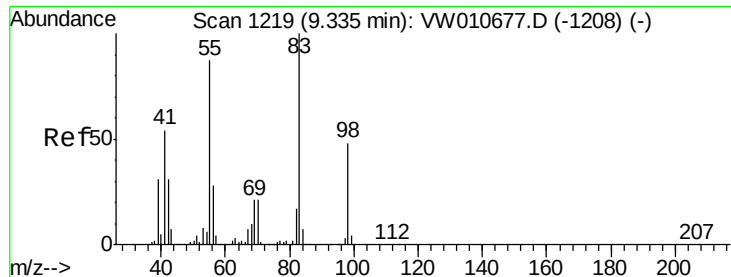
Tot Ion: 43 Resp: 49662
Ion Ratio Lower Upper
43 100
61 12.2 9.7 14.5
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 20.192 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion: 117 Resp: 72907
Ion Ratio Lower Upper
117 100
119 96.9 74.2 111.4
121 32.7 22.9 34.3

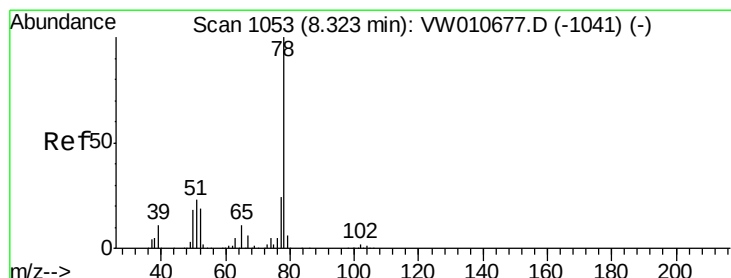
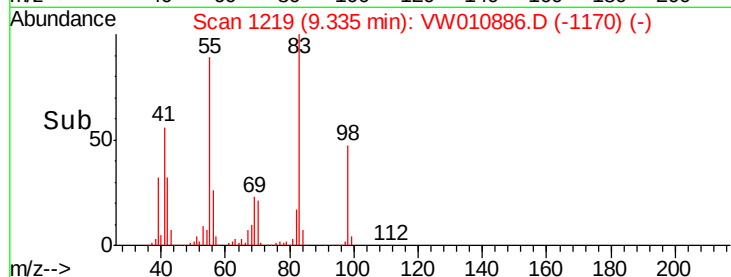
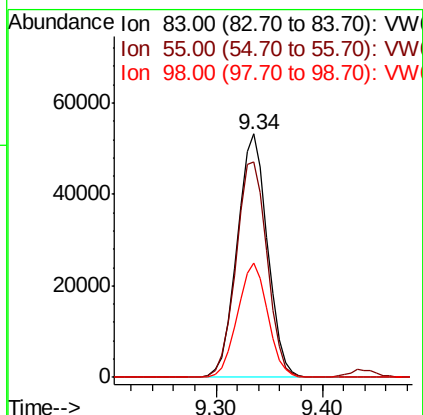
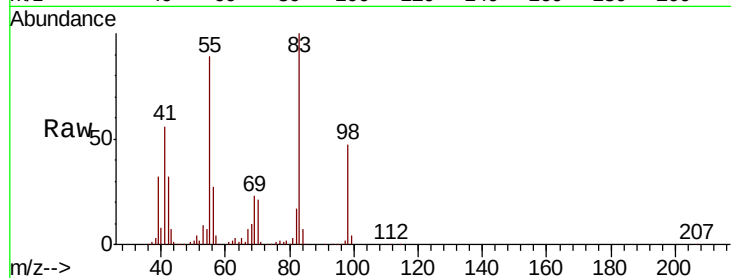




#39
Methylvlcyclohexane
Concen: 20.040 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

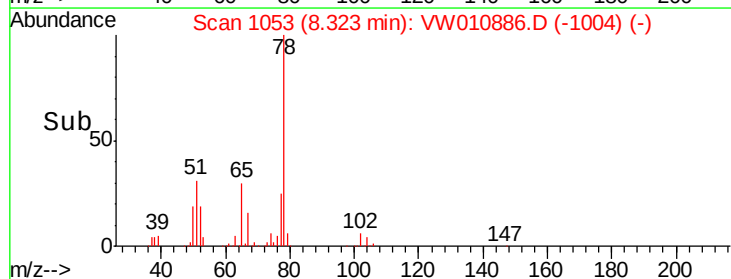
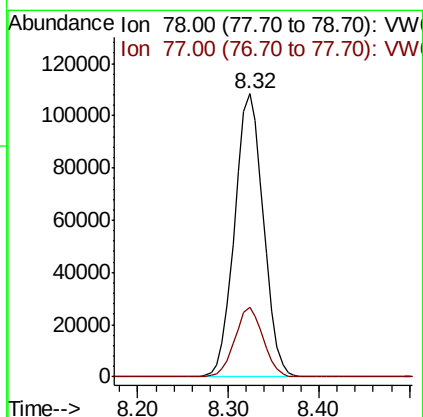
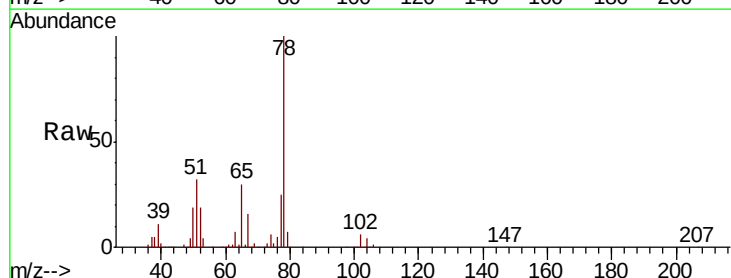
Instrument :
MSVOA_W
ClientSampleId :

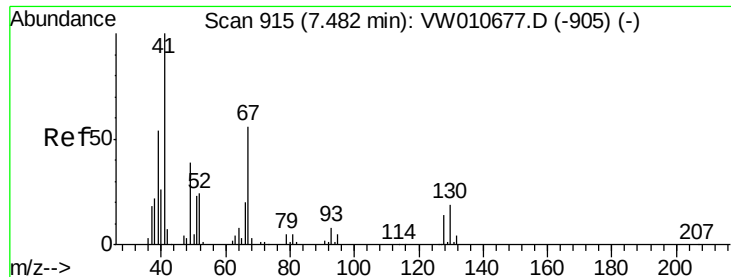
Tot Ion: 83 Resp: 106554
Ion Ratio Lower Upper
83 100
55 88.6 70.0 105.0
98 47.1 38.1 57.1



#40
Benzene
Concen: 20.911 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion: 78 Resp: 238606
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7

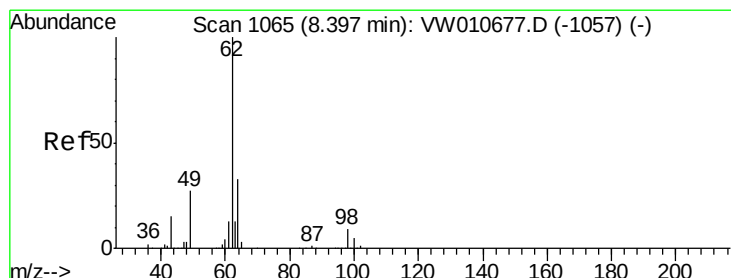
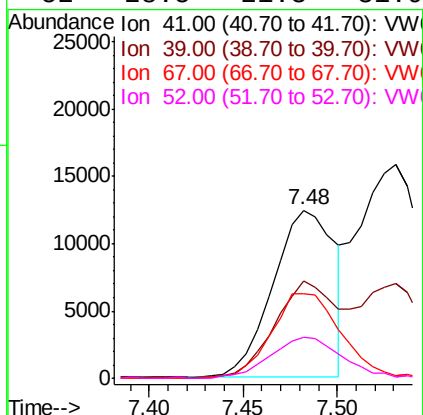
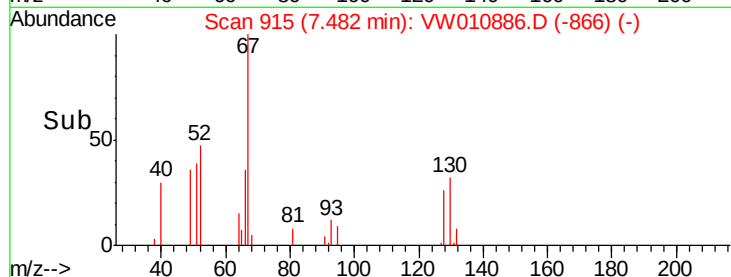
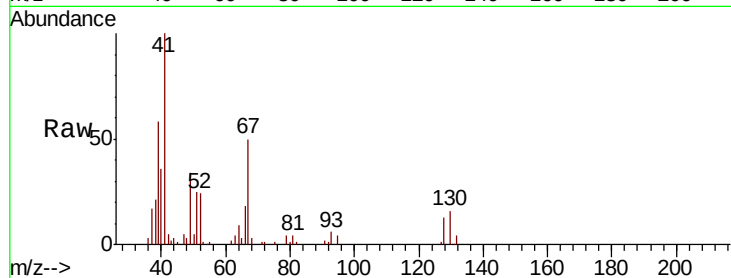




#41
Methacrylonitrile
Concen: 20.569 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

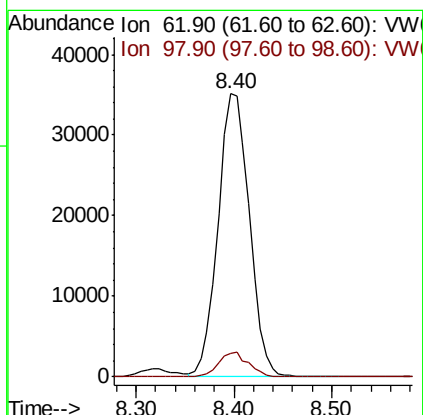
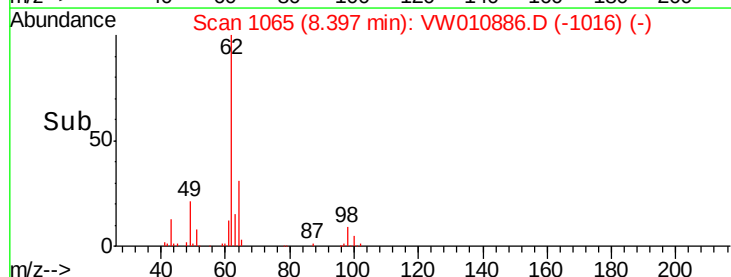
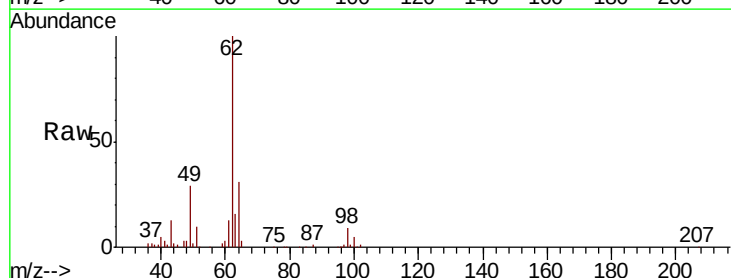
Instrument :
MSVOA_W
ClientSampled :

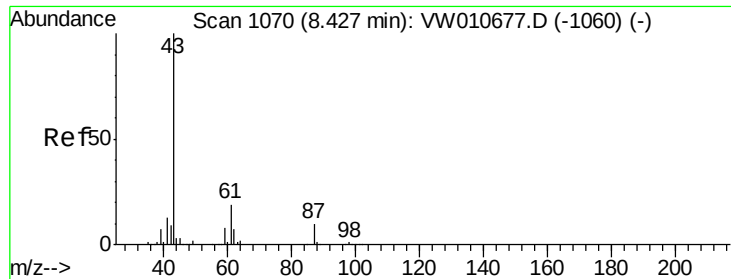
Tot Ion:	41	Resp:	28338
Ion	Ratio	Lower	Upper
41	100		
39	55.6	47.3	70.9
67	57.9	47.2	70.8
52	28.5	21.3	31.9



#42
1,2-Dichloroethane
Concen: 21.587 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion:	62	Resp:	78177
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 21.092 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampled :

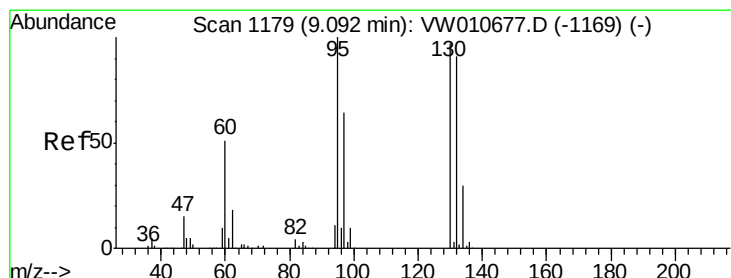
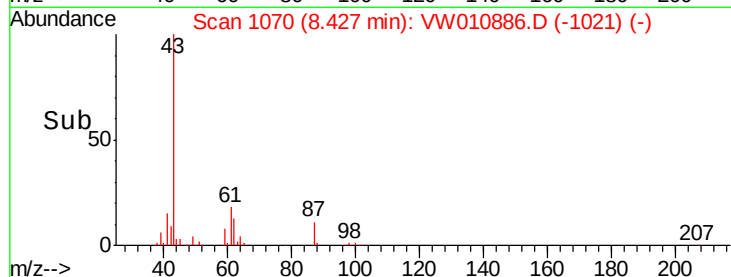
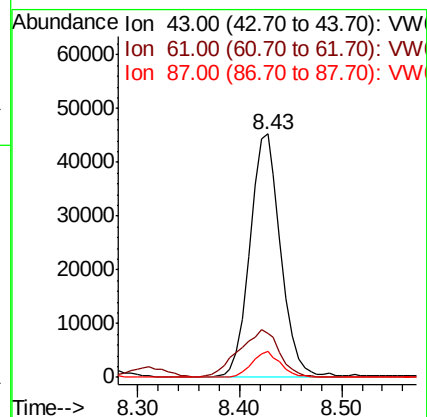
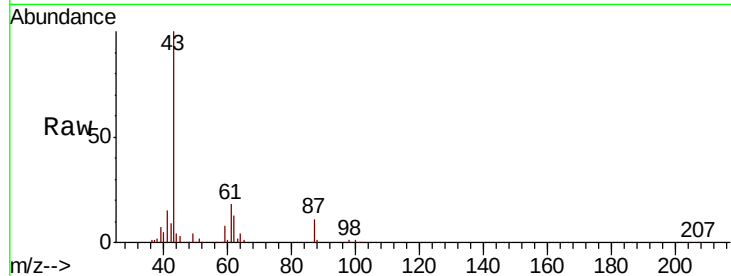
Tot Ion: 43 Resp: 94448

Ion Ratio Lower Upper

43 100

61 26.2 21.2 31.8

87 10.1 8.3 12.5



#44

Trichloroethene

Concen: 20.104 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010886.D

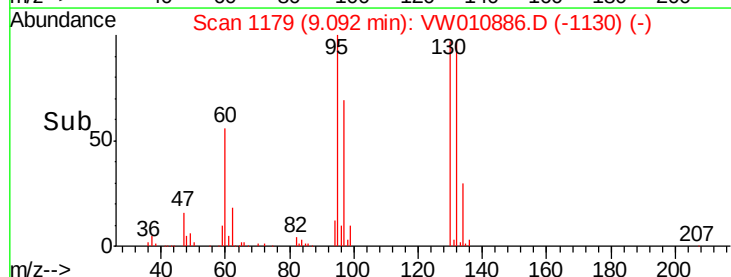
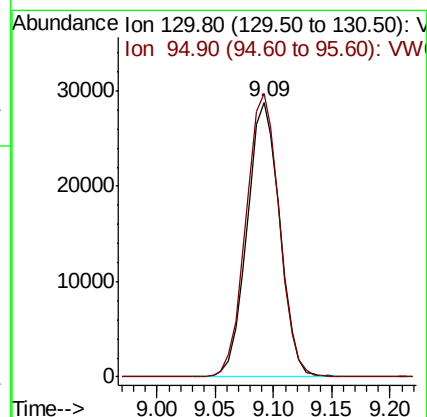
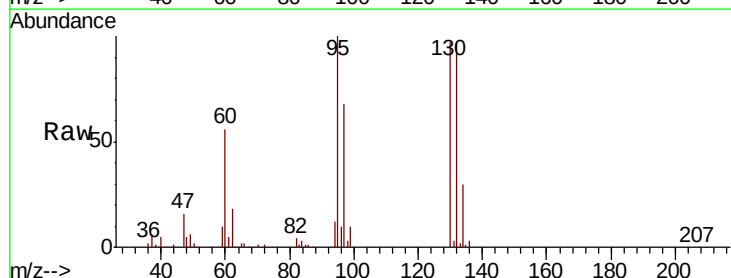
Acq: 20 Jun 2019 12:26

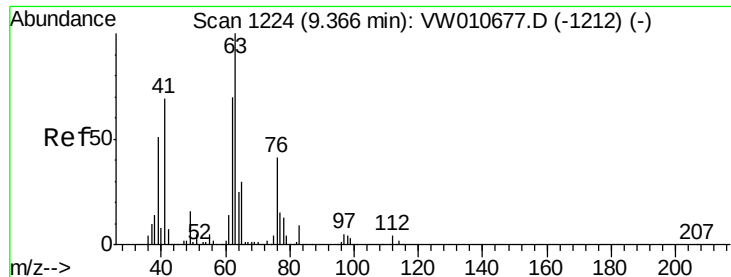
Tgt Ion: 130 Resp: 56586

Ion Ratio Lower Upper

130 100

95 103.0 0.0 207.0

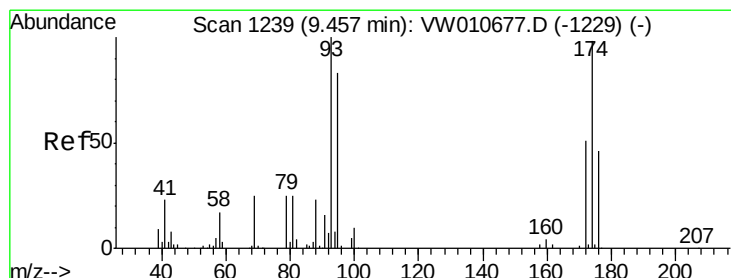
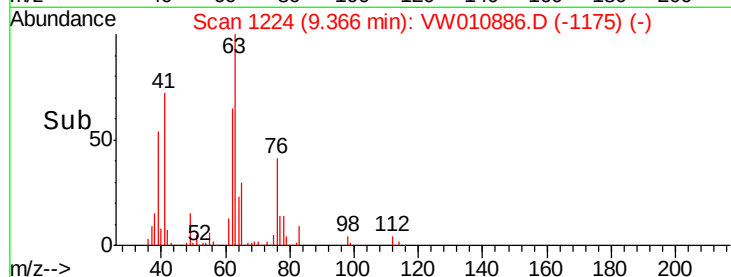
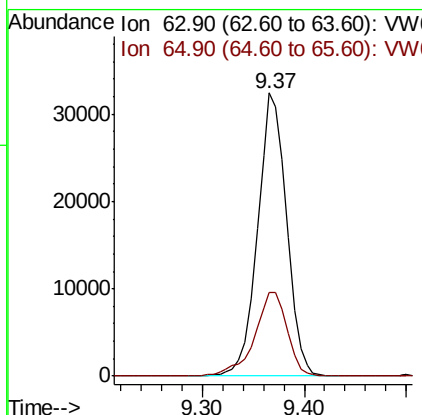
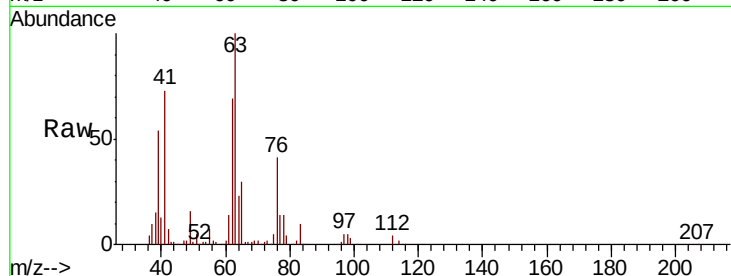




#45
 1,2-Dichloropropane
 Concen: 21.247 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

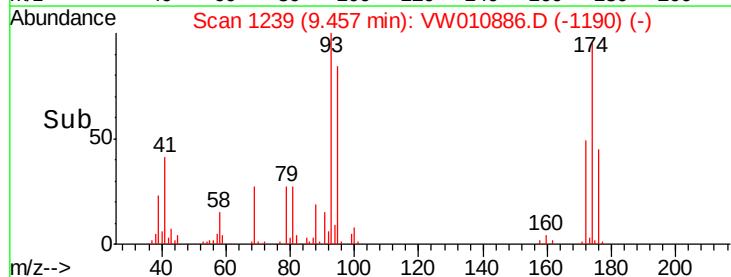
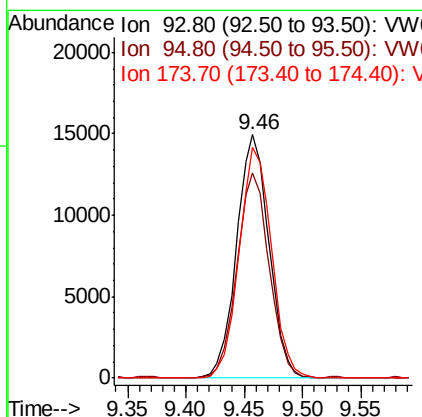
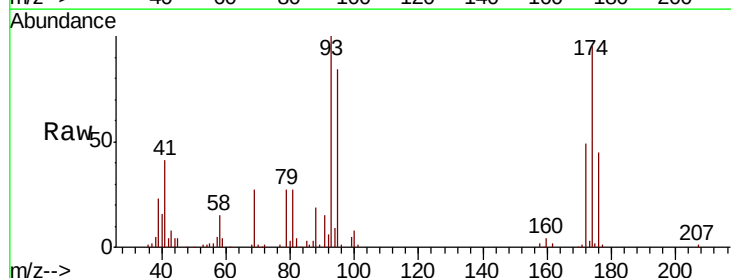
Instrument :
 MSVOA_W
 ClientSampleId :

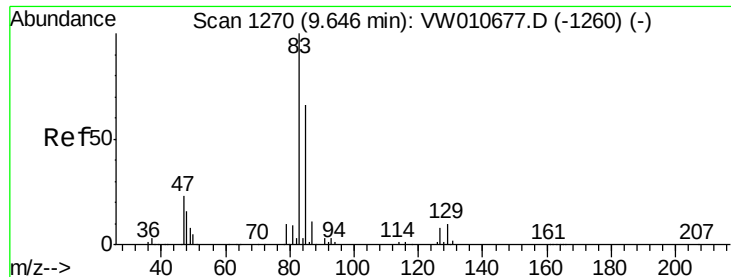
Tot Ion: 63 Resp: 64179
 Ion Ratio Lower Upper
 63 100
 65 29.8 23.8 35.6



#46
 Dibromomethane
 Concen: 20.666 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion: 93 Resp: 28994
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.8 98.8
 174 94.6 77.4 116.0





#47

Bromodichloromethane

Concen: 20.312 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

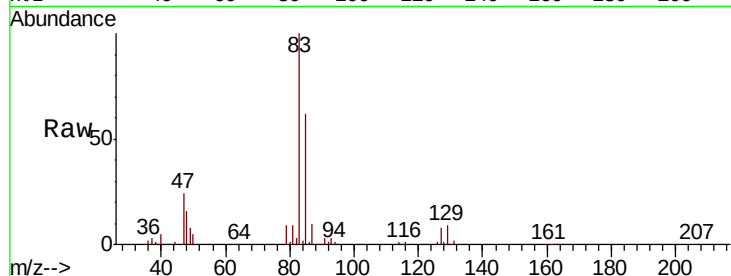
Tot Ion: 83 Resp: 73870

Ion Ratio Lower Upper

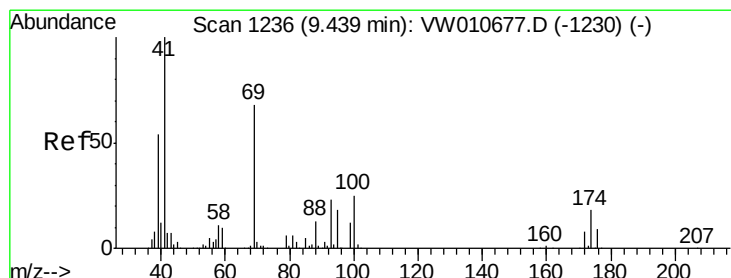
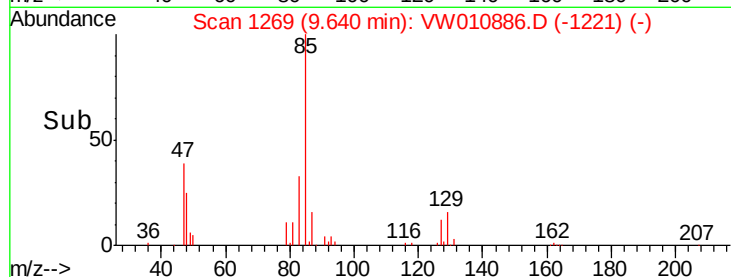
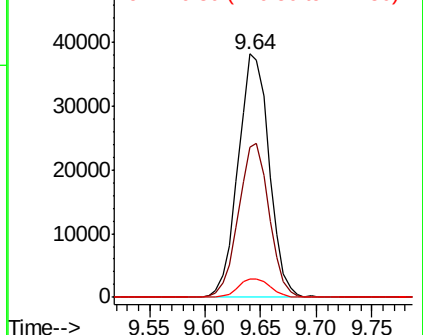
83 100

85 61.5 53.0 79.4

127 7.5 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: 20.399 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

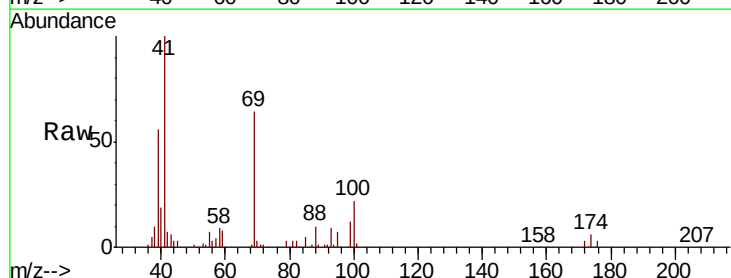
Tgt Ion: 41 Resp: 44041

Ion Ratio Lower Upper

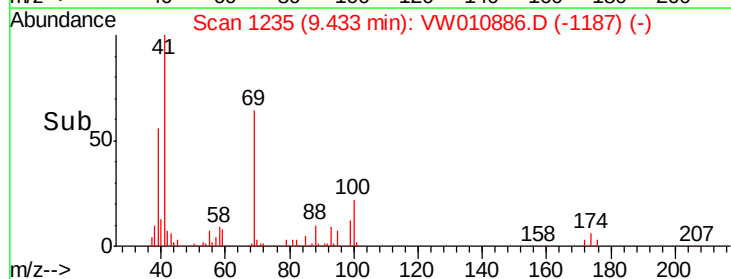
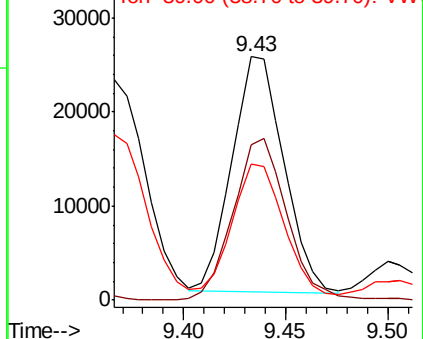
41 100

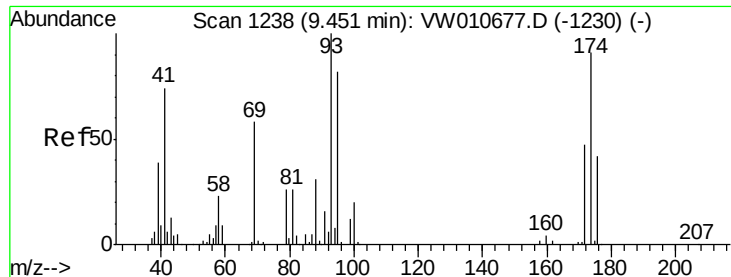
69 72.2 56.6 85.0

39 55.2 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: 381.223 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampleId :

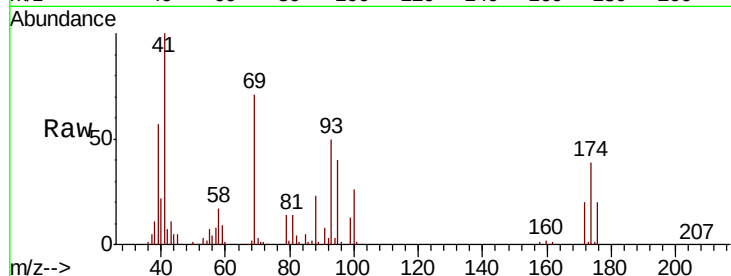
Tot Ion: 88 Resp: 8362

Ion Ratio Lower Upper

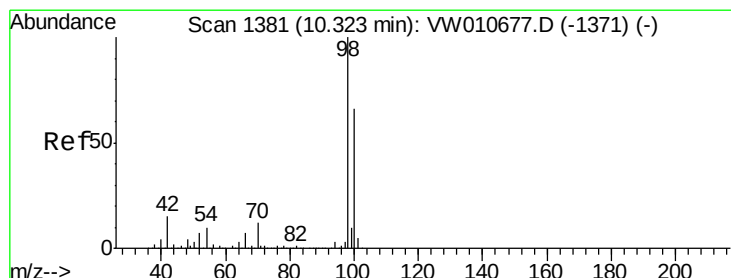
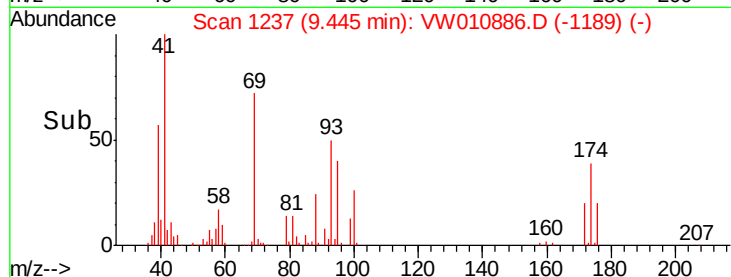
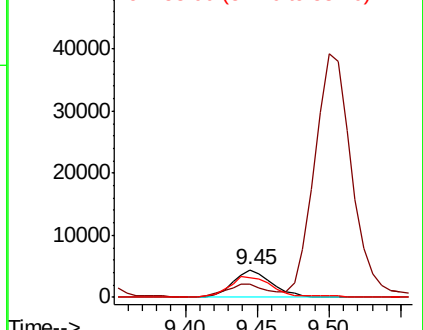
88 100

43 49.8 34.2 51.4

58 84.0 69.0 103.4



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



#50

Toluene-d8

Concen: 53.192 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010886.D

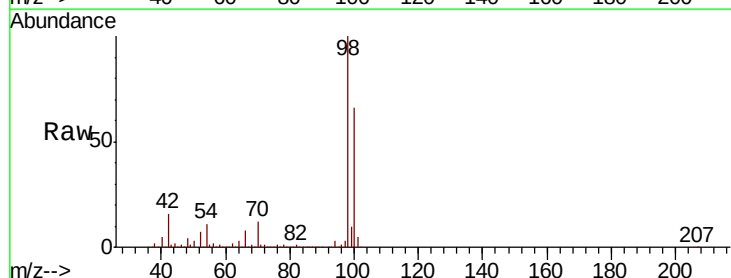
Acq: 20 Jun 2019 12:26

Tgt Ion: 98 Resp: 517335

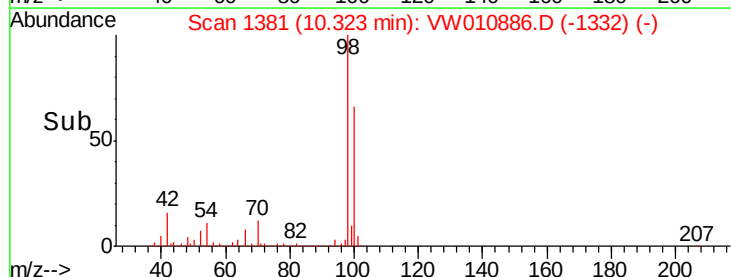
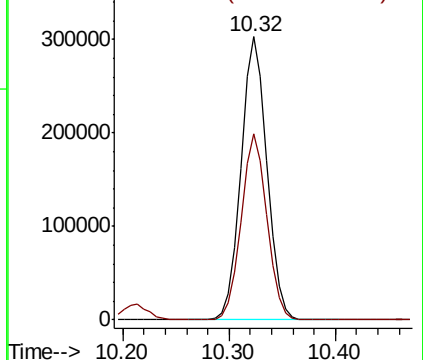
Ion Ratio Lower Upper

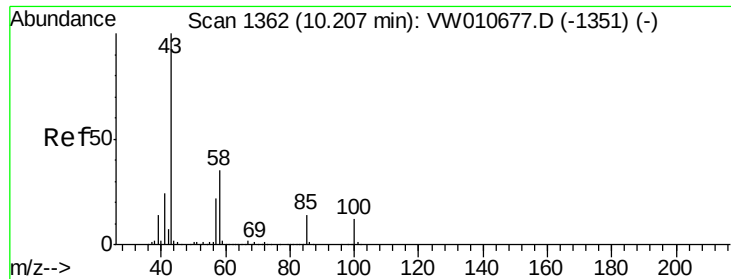
98 100

100 65.1 53.0 79.6



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

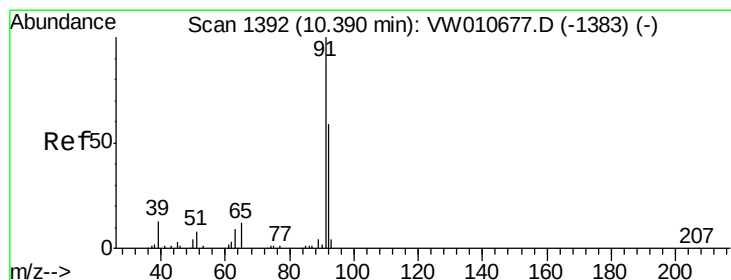
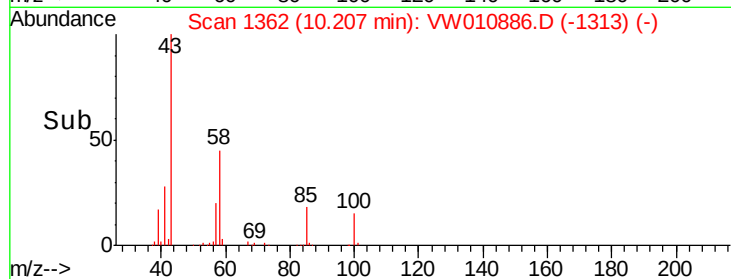
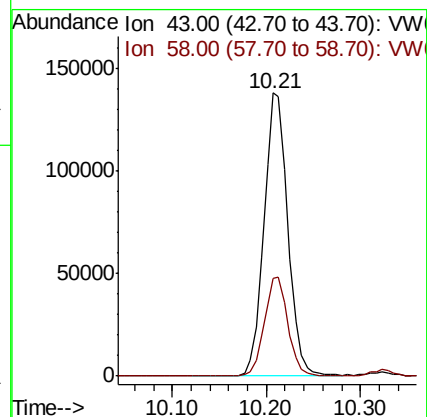
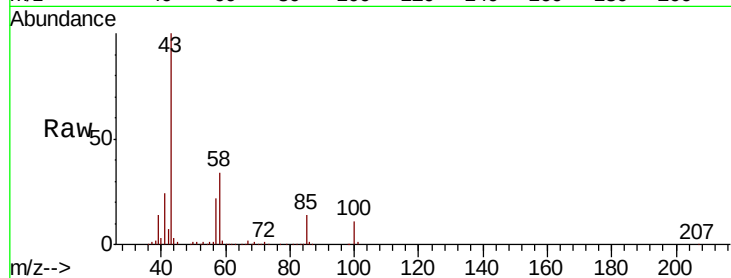




#51
4-Methyl-2-Pentanone
Concen: 107.314 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

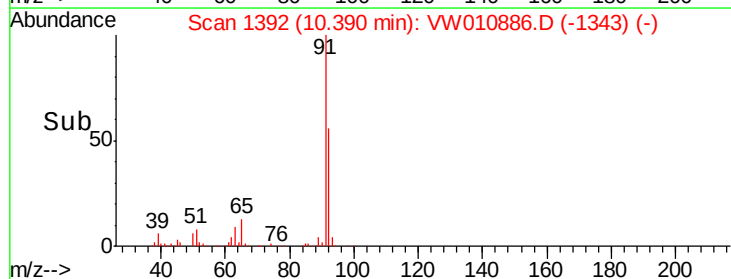
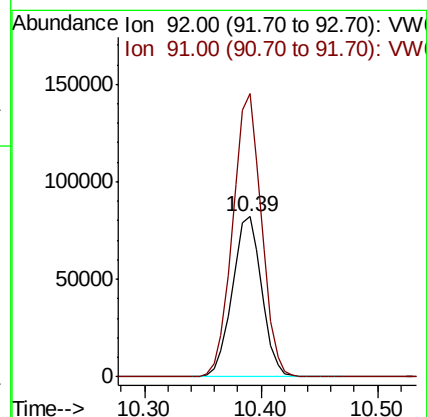
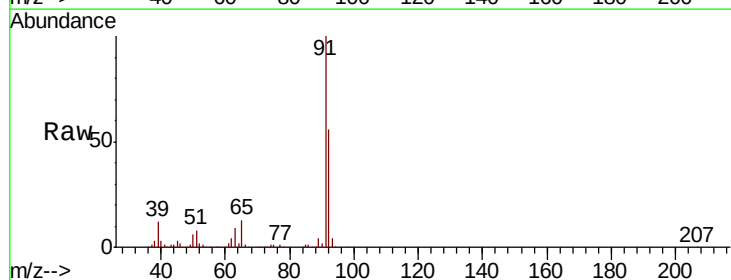
Instrument :
MSVOA_W
ClientSampled :

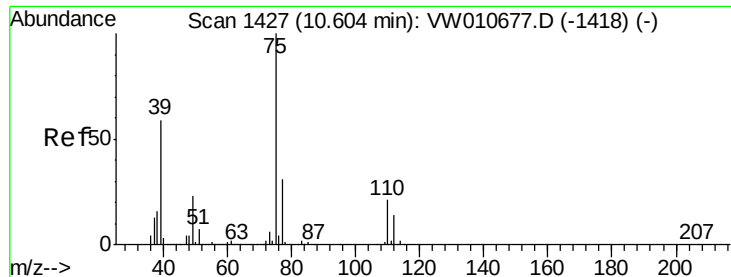
Tot Ion: 43 Resp: 245493
Ion Ratio Lower Upper
43 100
58 34.8 28.4 42.6



#52
Toluene
Concen: 20.571 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion: 92 Resp: 144426
Ion Ratio Lower Upper
92 100
91 173.0 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 20.263 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

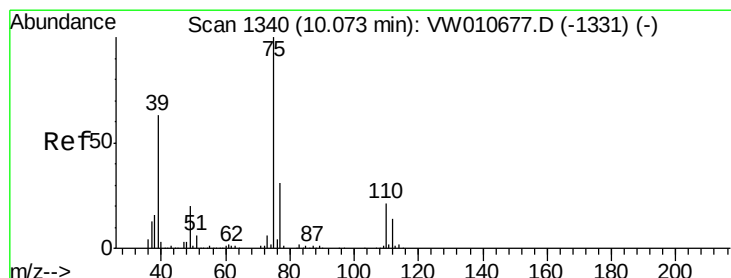
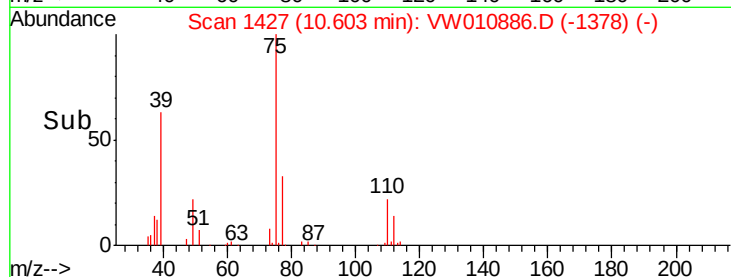
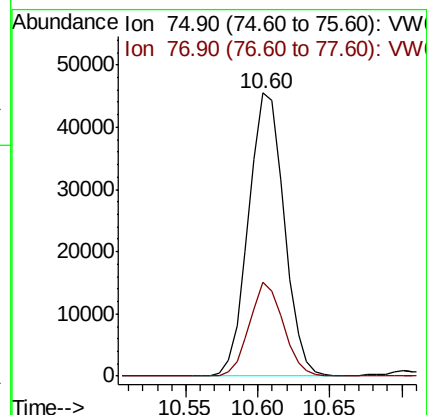
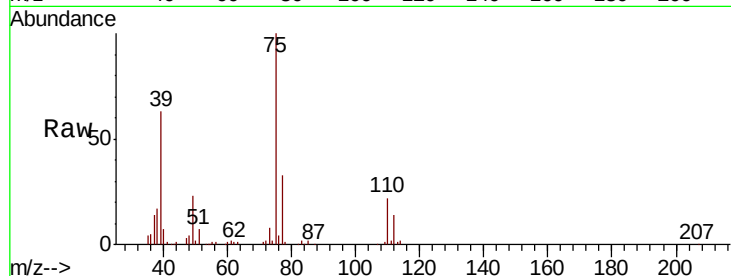
ClientSampled :

Tot Ion: 75 Resp: 78052

Ion Ratio Lower Upper

75 100

77 33.3 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 20.546 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

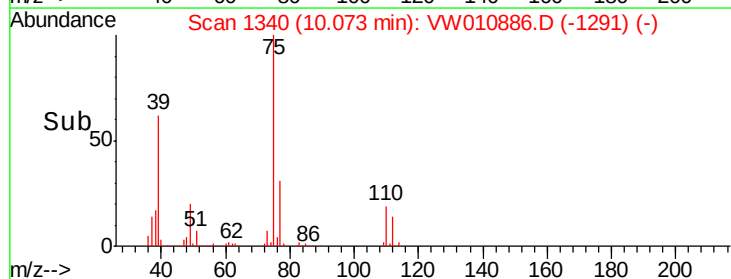
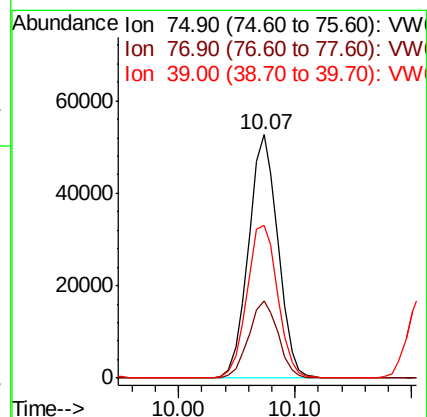
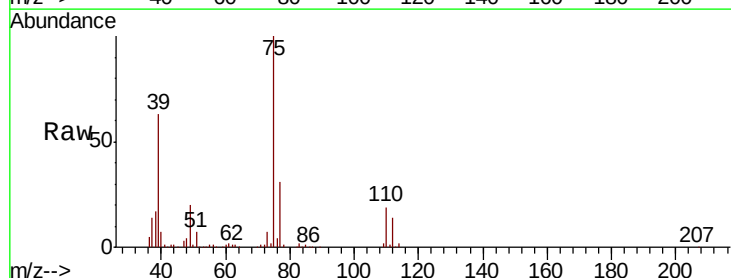
Tgt Ion: 75 Resp: 93127

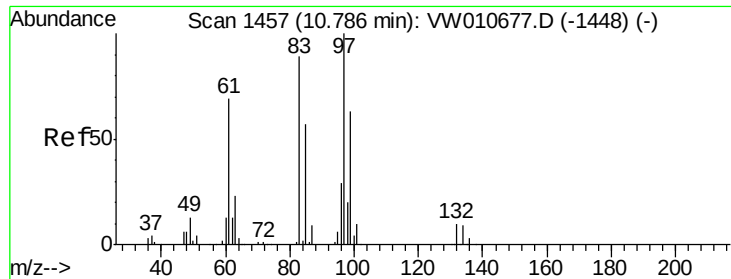
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 62.7 50.1 75.1

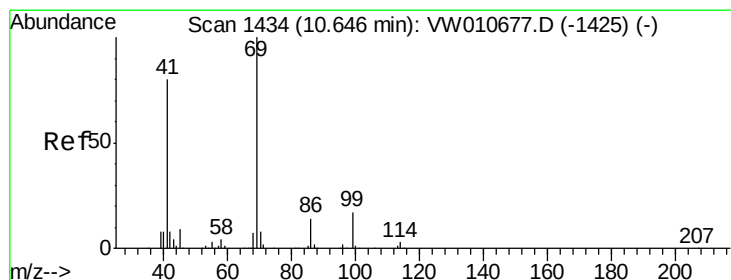
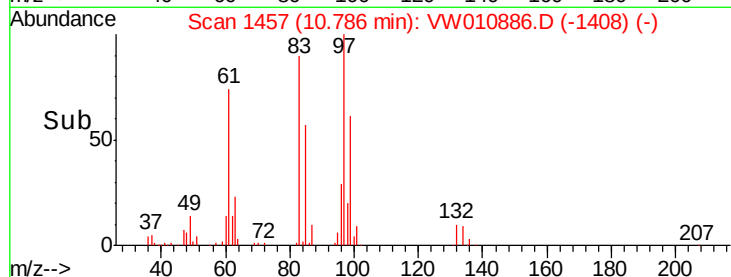
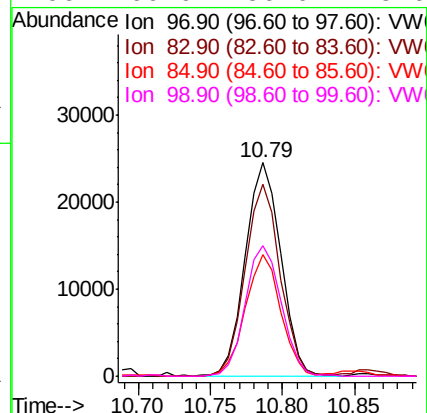
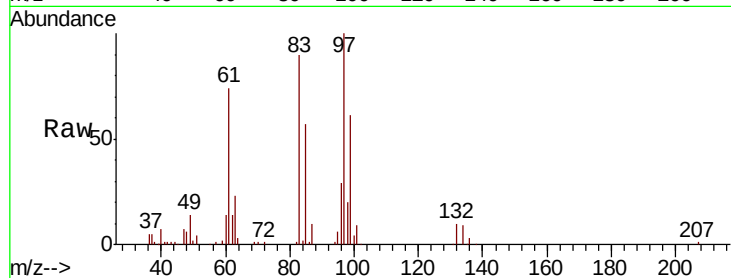




#55
 1,1,2-Trichloroethane
 Concen: 20.815 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

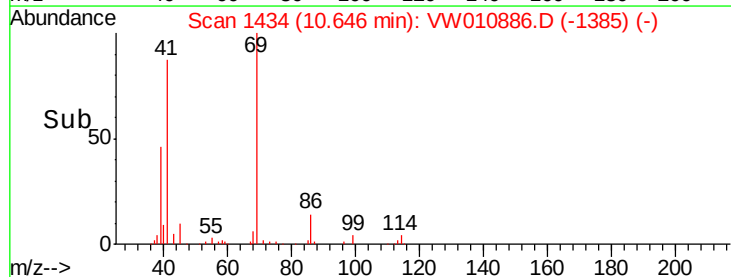
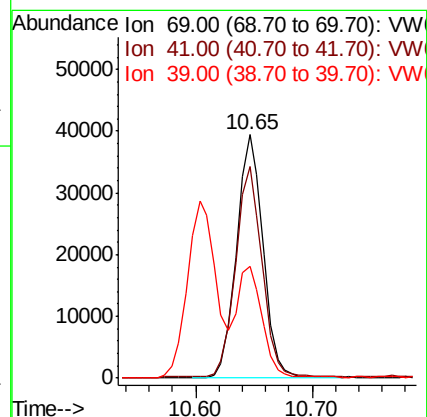
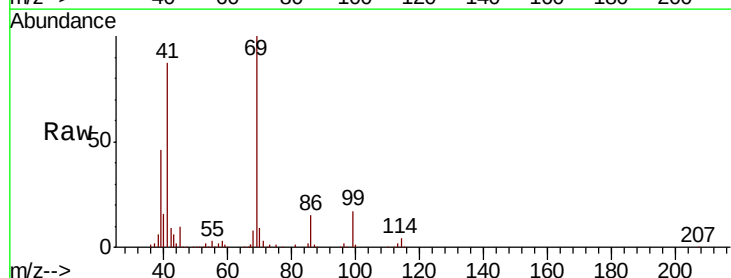
Instrument :
 MSVOA_W
 ClientSampleId :

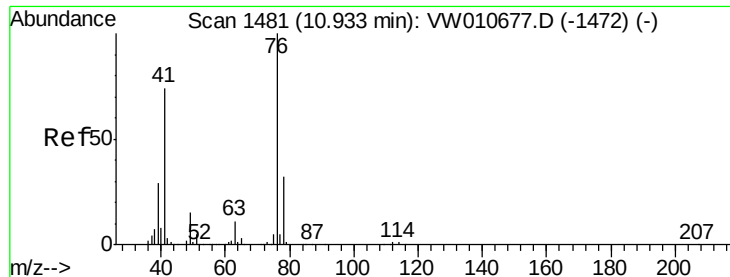
Tot Ion:	97	Resp:	42070
Ion	Ratio	Lower	Upper
97	100		
83	89.9	71.1	106.7
85	56.7	45.2	67.8
99	60.9	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 20.176 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion:	69	Resp:	62746
Ion	Ratio	Lower	Upper
69	100		
41	86.1	64.8	97.2
39	42.9	32.2	48.2





#57

1,3-Dichloropropane

Concen: 21.438 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

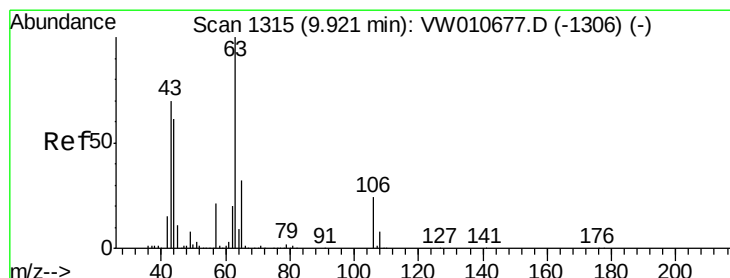
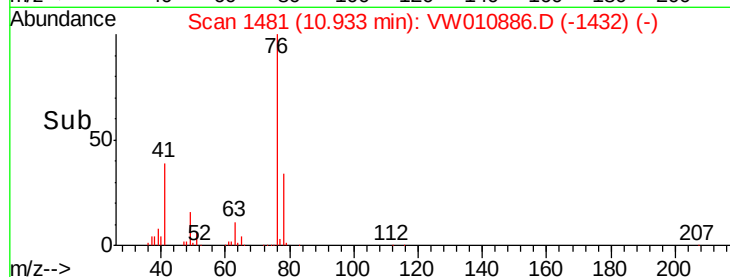
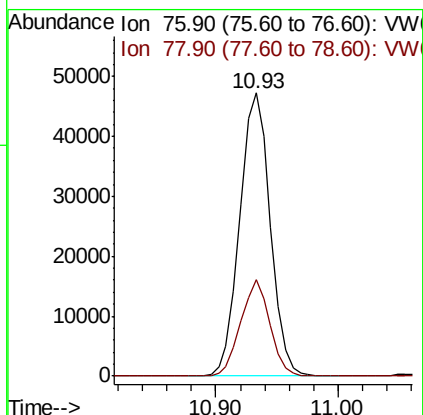
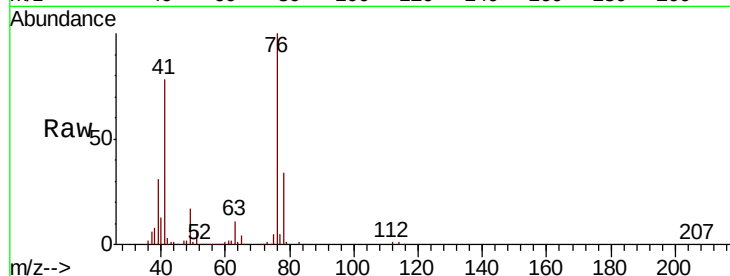
ClientSampled :

Tot Ion: 76 Resp: 81654

Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 109.715 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VW010886.D

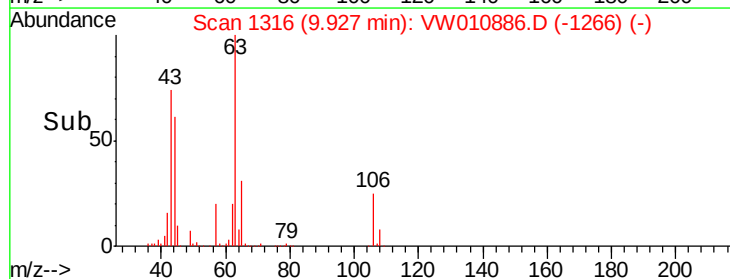
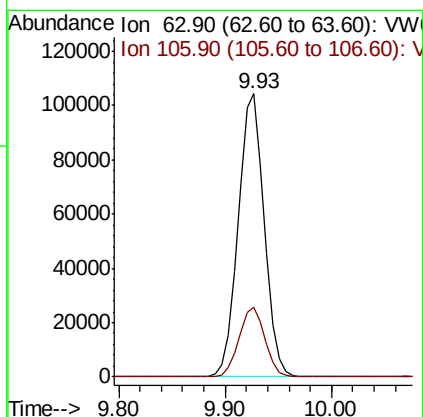
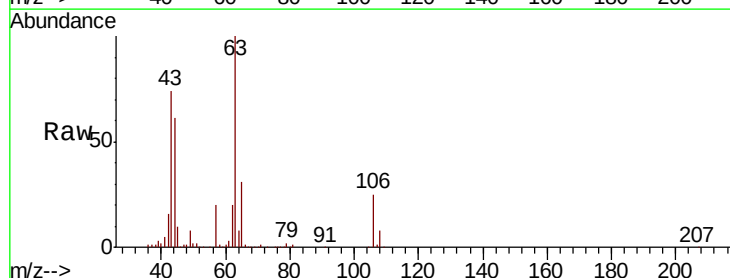
Acq: 20 Jun 2019 12:26

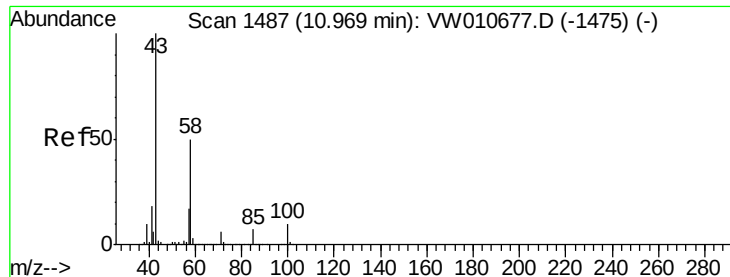
Tgt Ion: 63 Resp: 178717

Ion Ratio Lower Upper

63 100

106 24.8 20.1 30.1





#59

2-Hexanone

Concen: 106.138 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

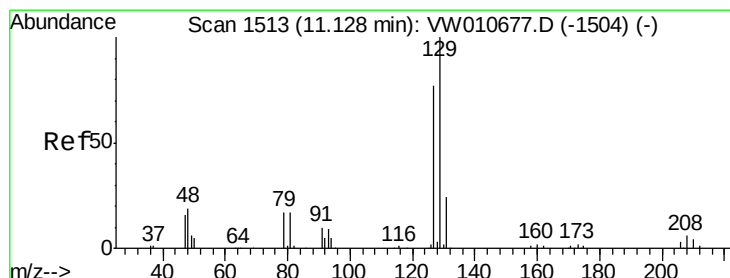
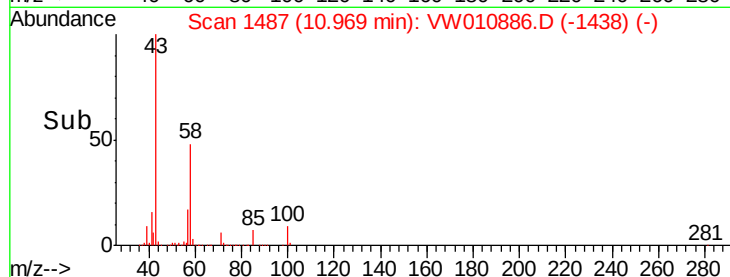
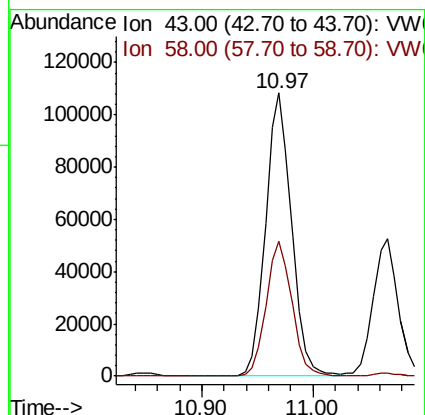
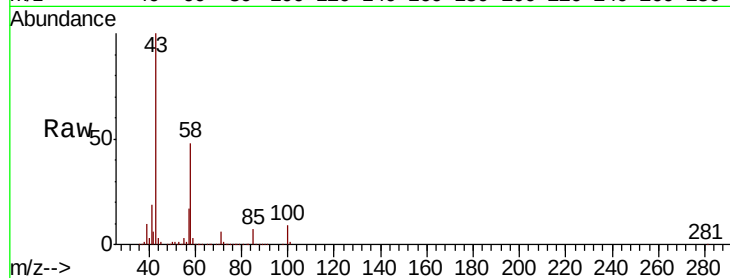
ClientSampled :

Tot Ion: 43 Resp: 175478

Ion Ratio Lower Upper

43 100

58 47.8 24.9 74.6



#60

Dibromochloromethane

Concen: 19.415 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW010886.D

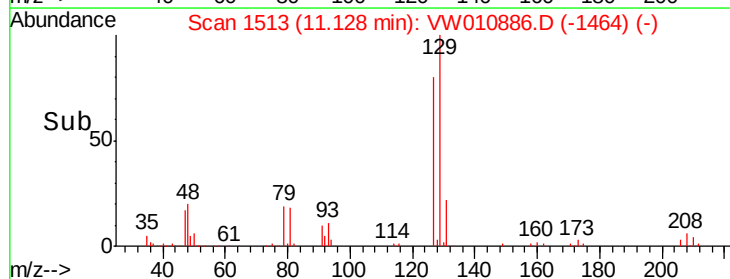
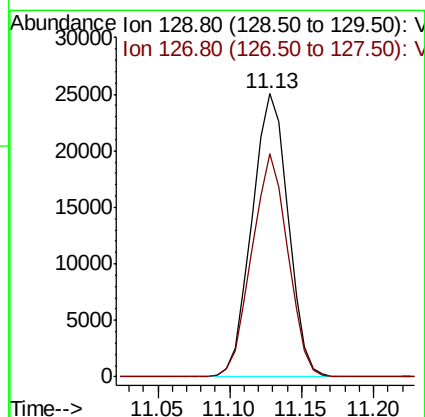
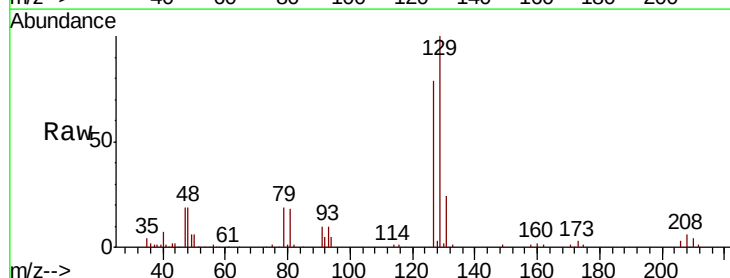
Acq: 20 Jun 2019 12:26

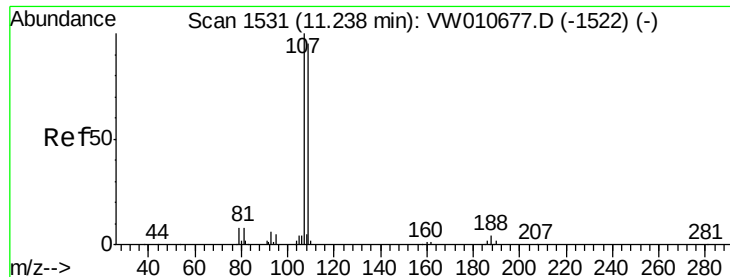
Tgt Ion:129 Resp: 43499

Ion Ratio Lower Upper

129 100

127 78.3 38.6 116.0

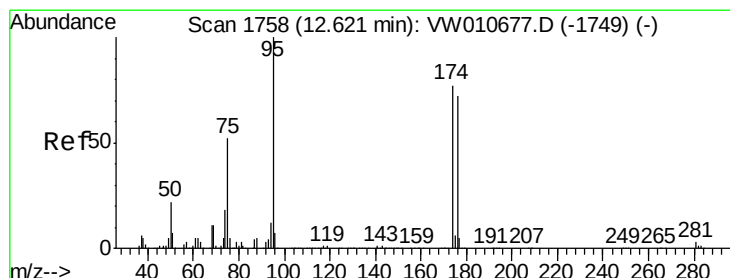
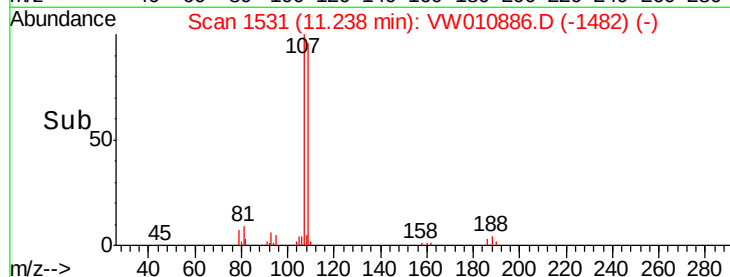
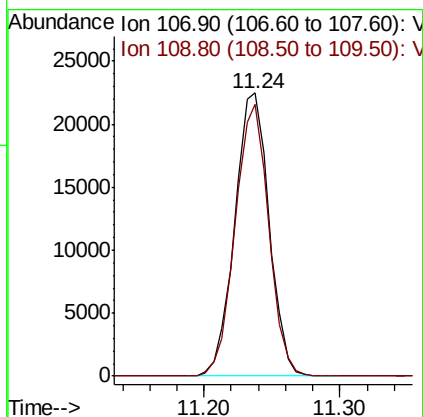
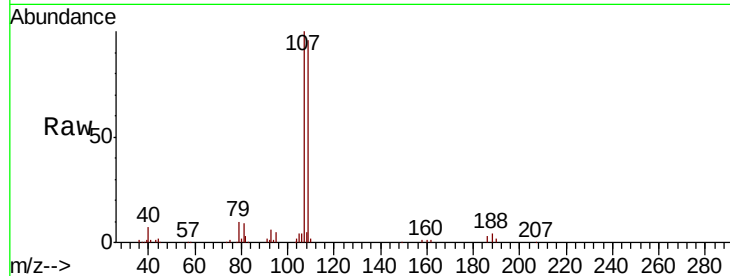




#61
 1,2-Dibromoethane
 Concen: 20.684 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

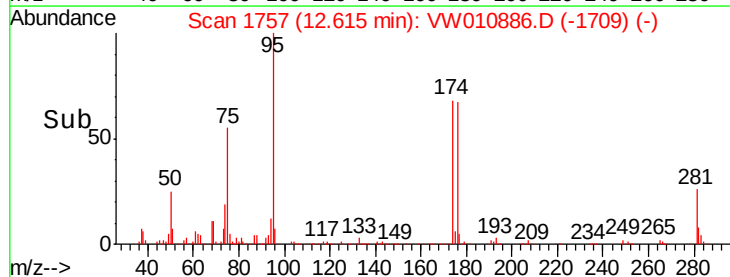
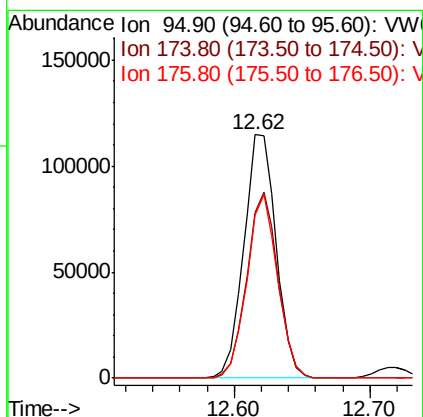
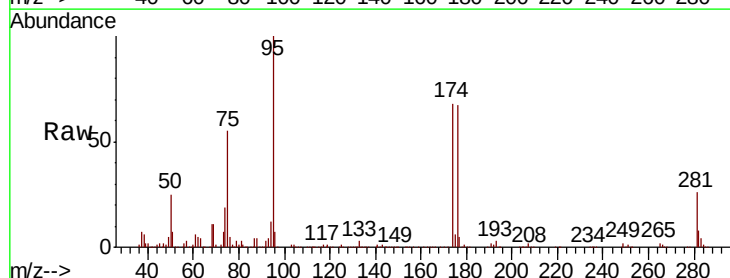
Instrument :
 MSVOA_W
 ClientSampled :

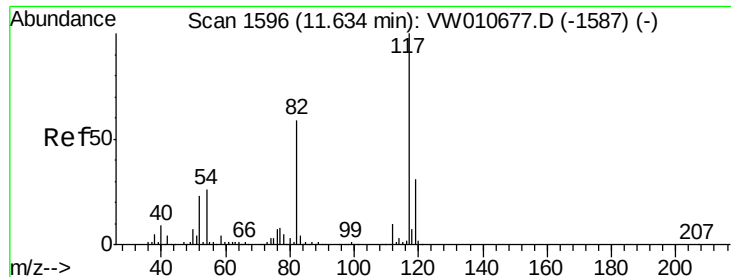
Tot Ion: 107 Resp: 39608
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 54.023 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion: 95 Resp: 191192
 Ion Ratio Lower Upper
 95 100
 174 73.5 0.0 150.4
 176 71.6 0.0 144.8

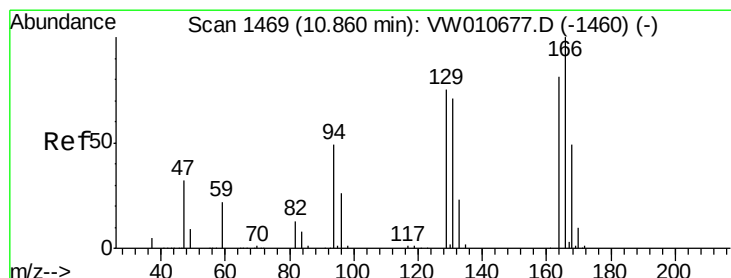
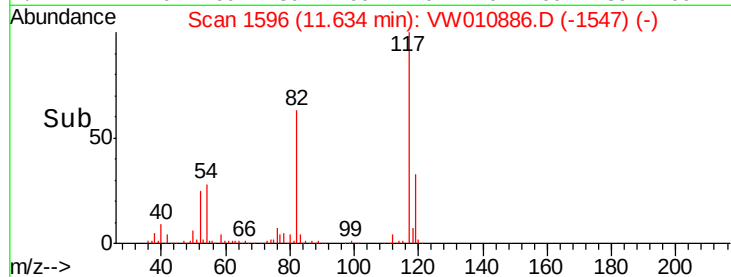
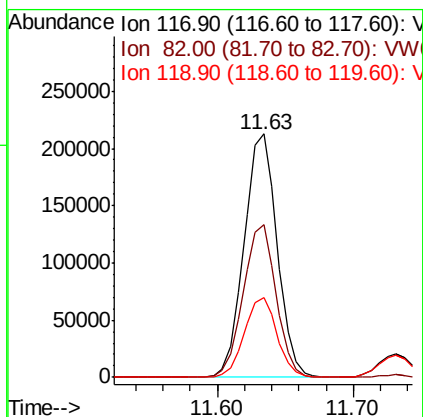
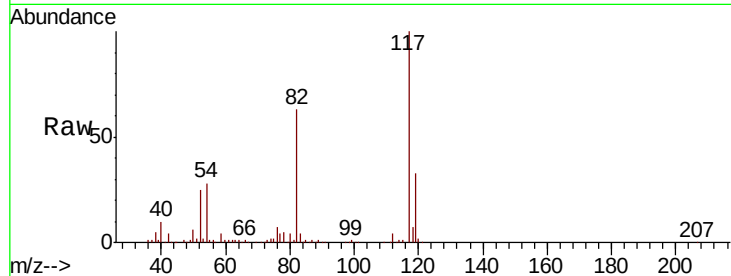




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

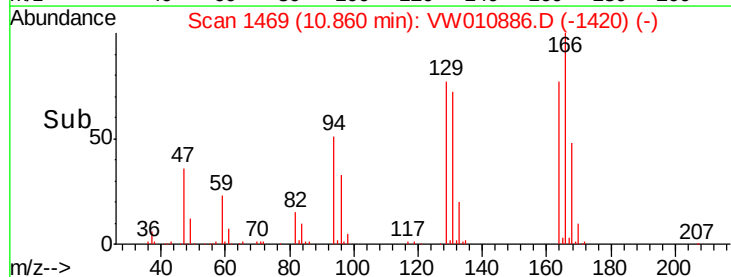
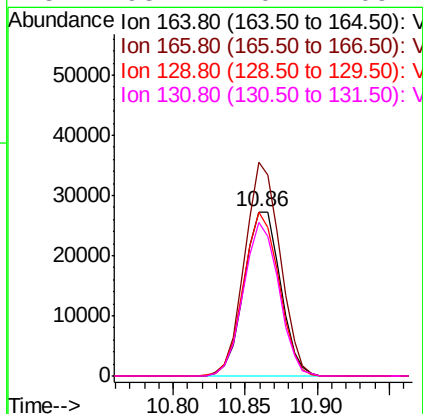
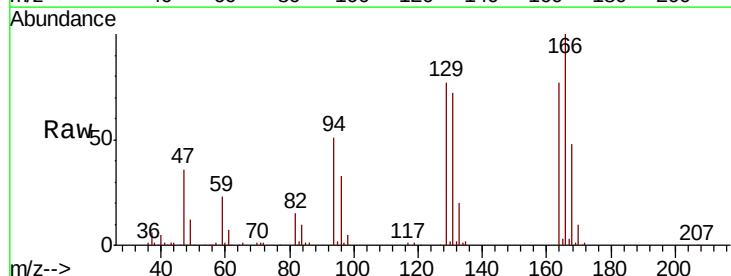
Instrument :
MSVOA_W
ClientSampled :

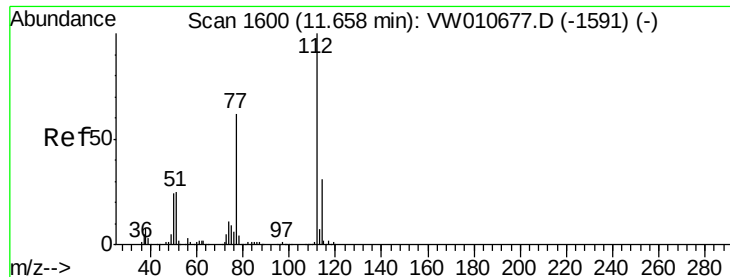
Tot Ion:117 Resp: 361417
Ion Ratio Lower Upper
117 100
82 62.6 47.0 70.4
119 32.7 25.1 37.7



#64
Tetrachloroethene
Concen: 19.952 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion:164 Resp: 47879
Ion Ratio Lower Upper
164 100
166 129.9 99.2 148.8
129 99.9 74.6 112.0
131 93.2 70.2 105.4

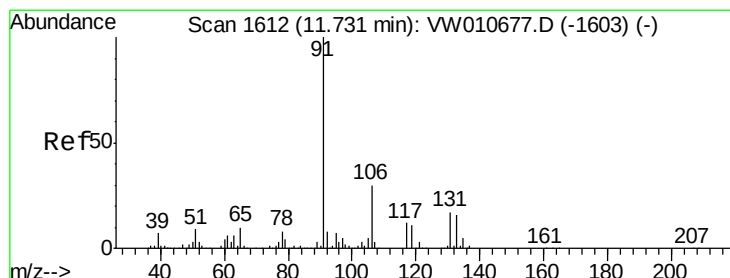
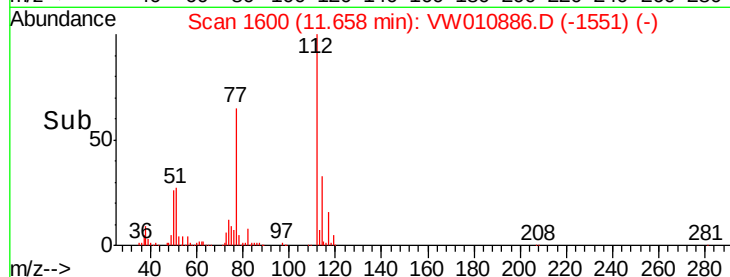
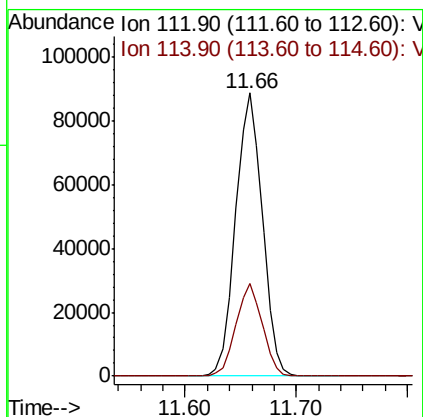
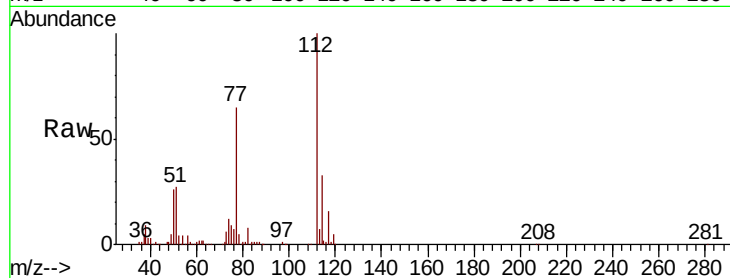




#65
Chlorobenzene
Concen: 20.741 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

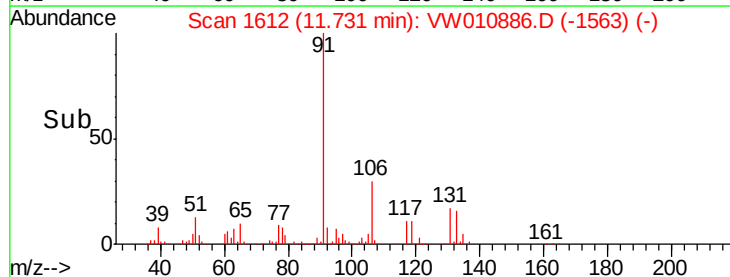
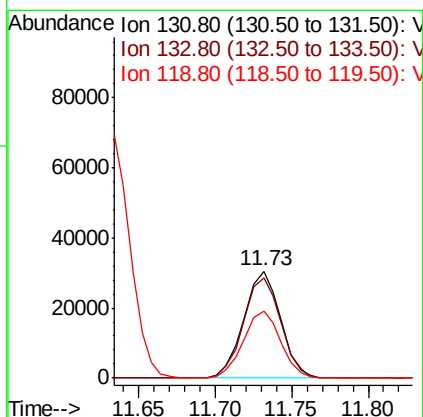
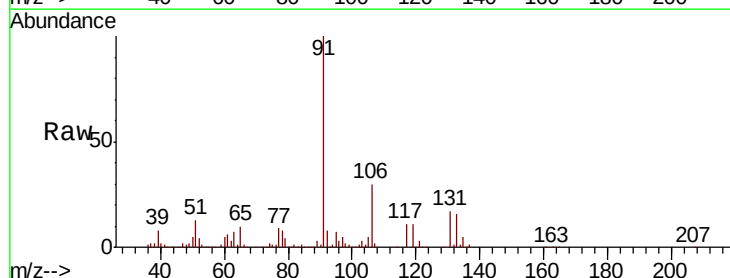
Instrument :
MSVOA_W
ClientSampleId :

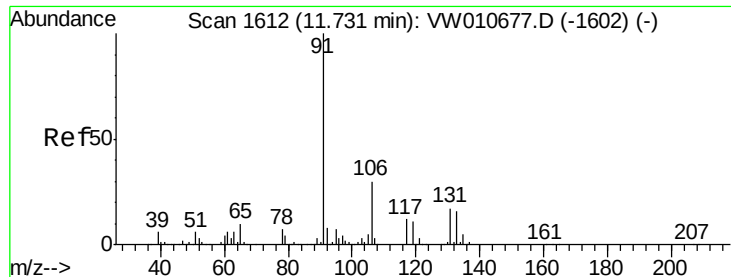
Tot Ion:112 Resp: 147410
Ion Ratio Lower Upper
112 100
114 32.6 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.711 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion:131 Resp: 50954
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.9
119 64.1 32.4 97.0

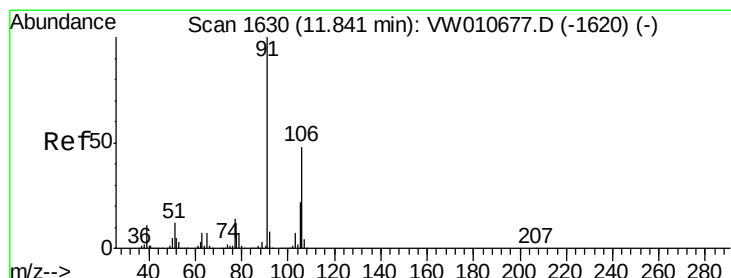
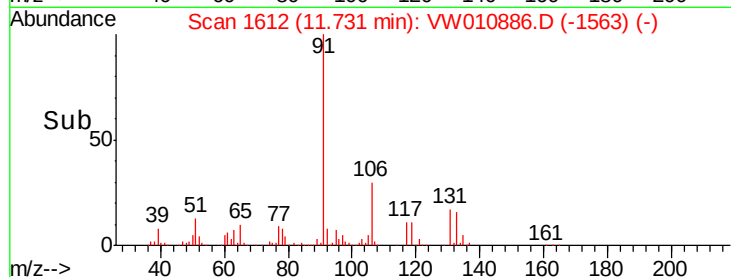
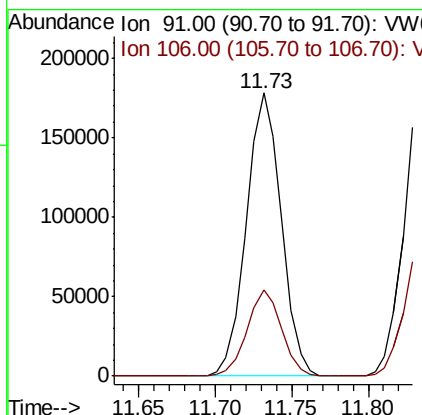
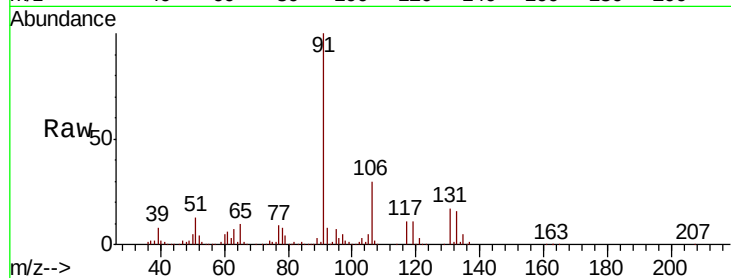




#67
Ethyl Benzene
Concen: 20.716 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

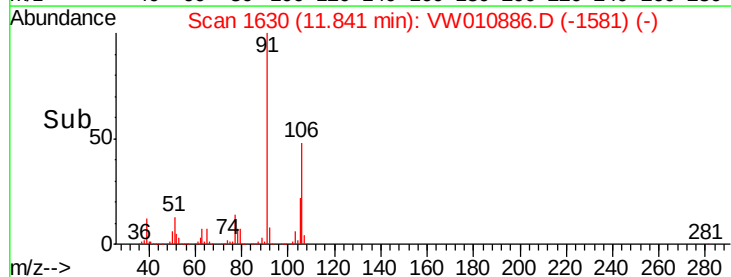
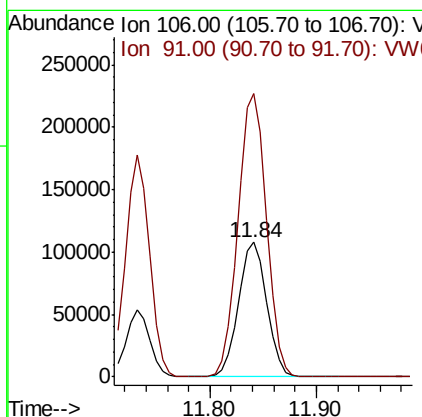
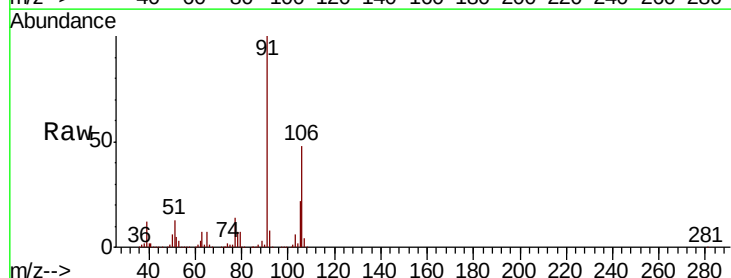
Instrument :
MSVOA_W
ClientSampleId :

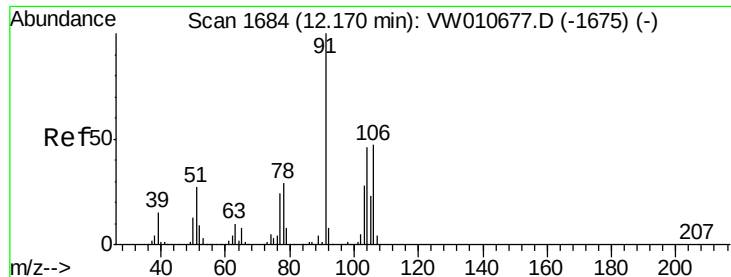
Tot Ion: 91 Resp: 282962
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



#68
m/p-Xylenes
Concen: 41.183 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion: 106 Resp: 201369
Ion Ratio Lower Upper
106 100
91 211.7 166.5 249.7

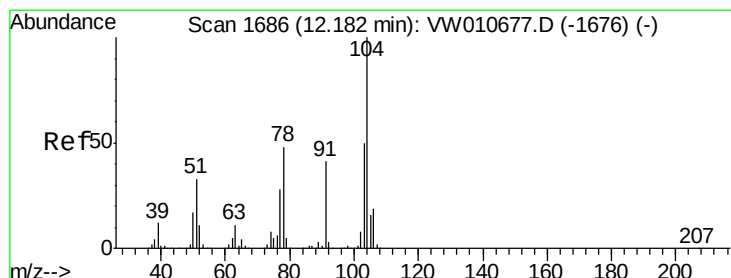
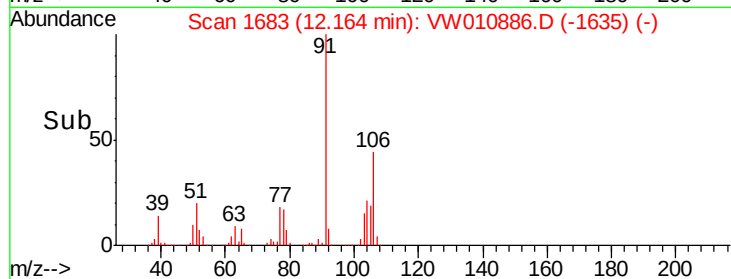
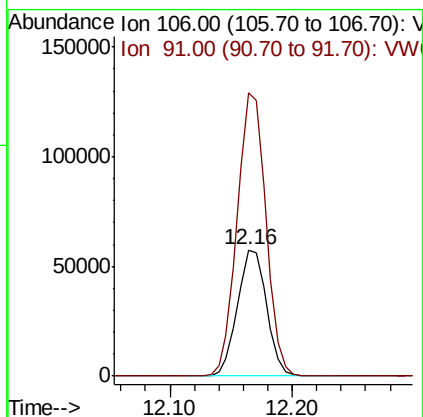
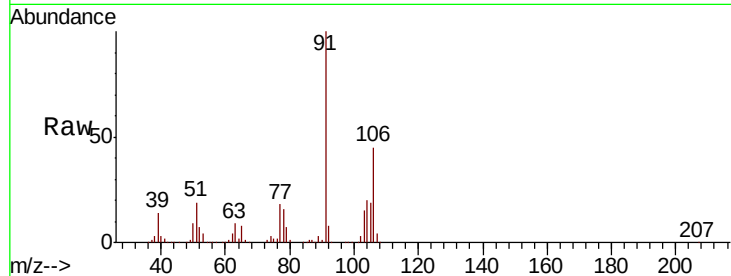




#69
o-Xylene
Concen: 20.461 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

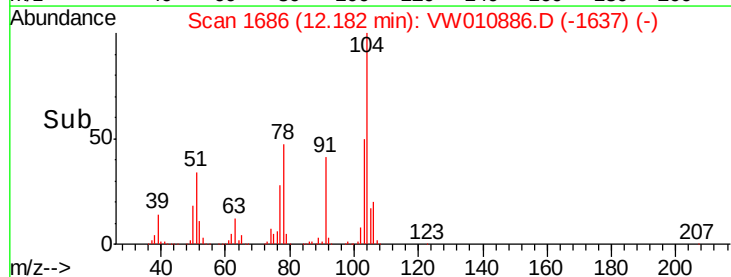
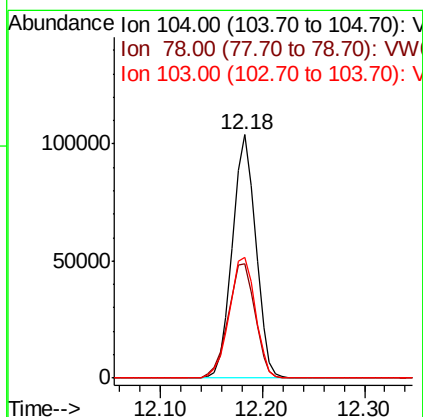
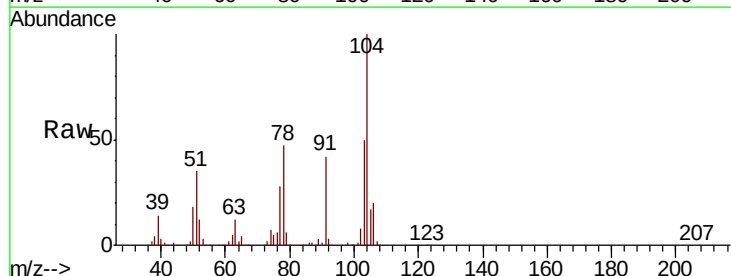
Instrument :
MSVOA_W
ClientSampled :

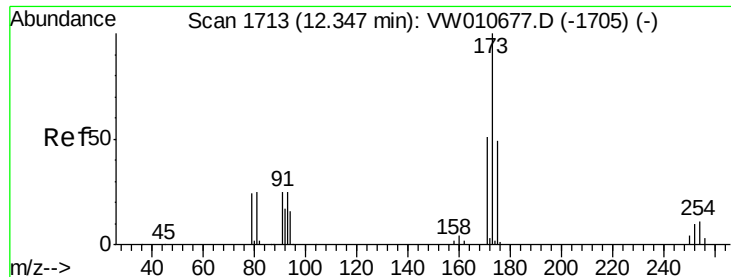
Tot Ion:106 Resp: 94886
Ion Ratio Lower Upper
106 100
91 221.9 108.9 326.6



#70
Styrene
Concen: 20.498 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion:104 Resp: 165128
Ion Ratio Lower Upper
104 100
78 53.8 42.7 64.1
103 55.3 43.6 65.4





#71

Bromoform

Concen: 18.544 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

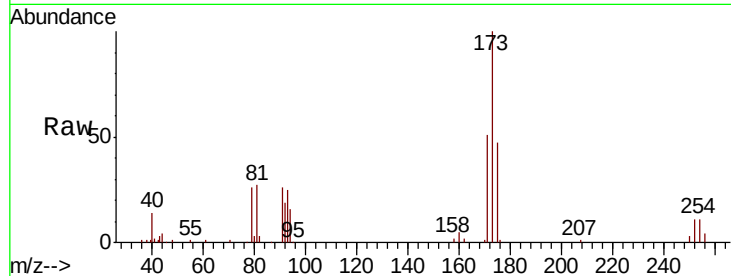
Tot Ion:173 Resp: 23596

Ion Ratio Lower Upper

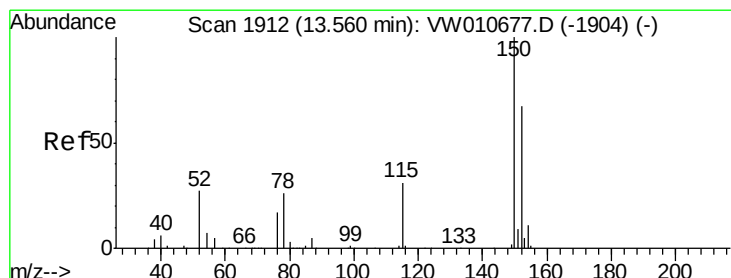
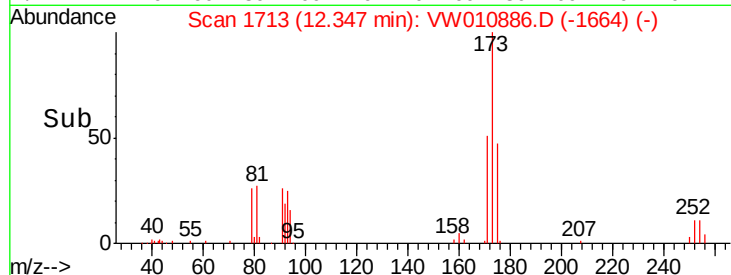
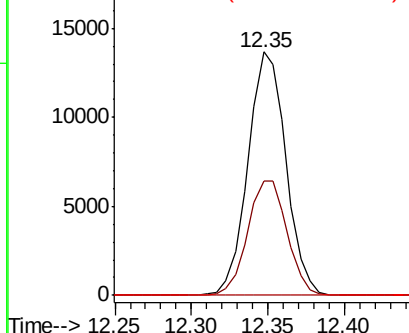
173 100

175 48.6 24.3 72.8

254 0.0 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: VW010886.D

Acq: 20 Jun 2019 12:26

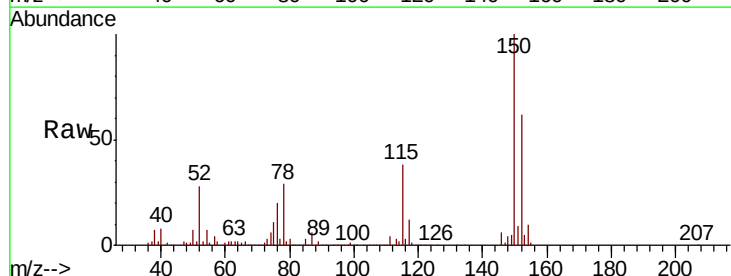
Tgt Ion:152 Resp: 173646

Ion Ratio Lower Upper

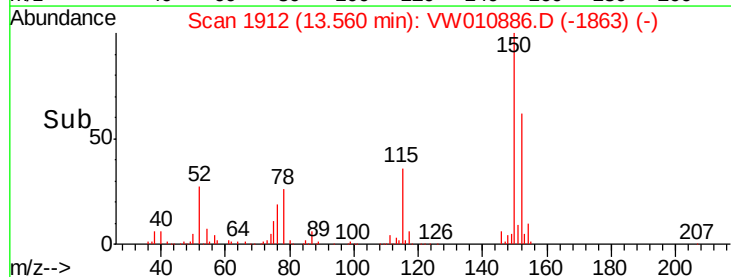
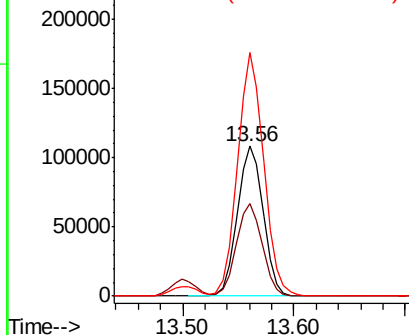
152 100

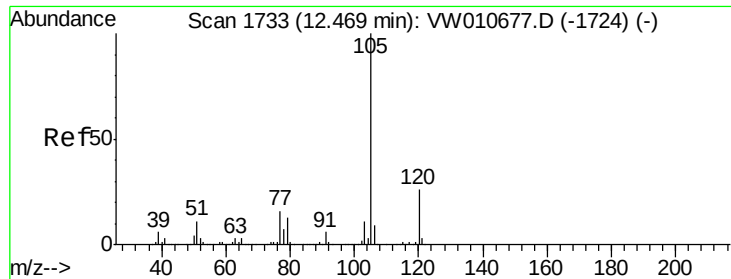
115 61.5 29.8 89.3

150 164.5 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: 20.418 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

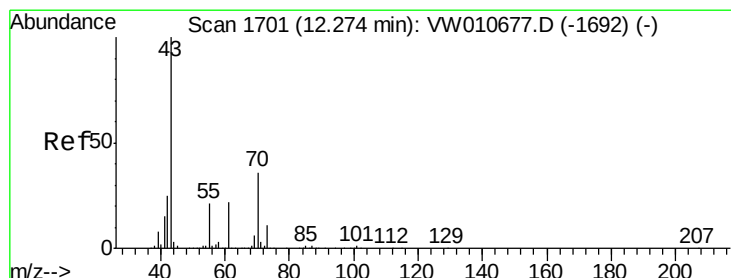
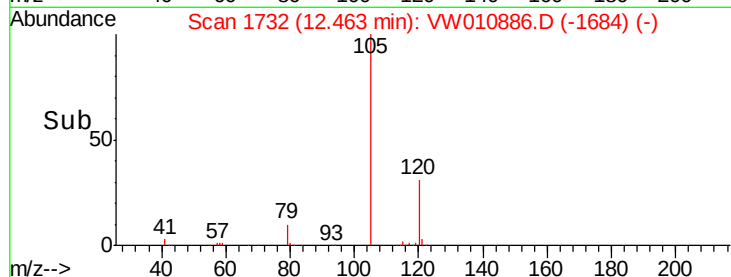
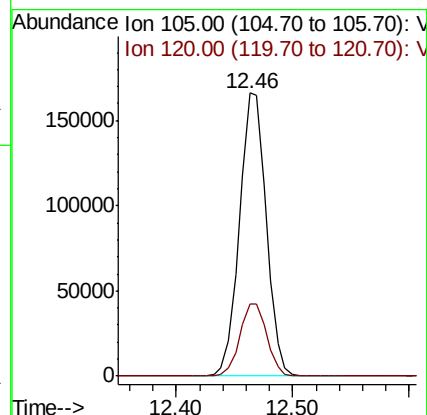
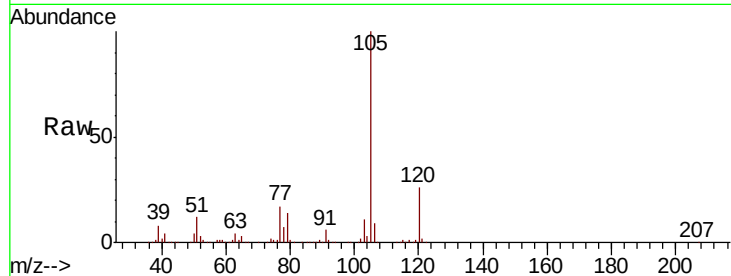
ClientSampleId :

Tot Ion:105 Resp: 266426

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.1



#74

N-ethyl acetate

Concen: 21.076 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Tgt Ion: 43 Resp: 88883

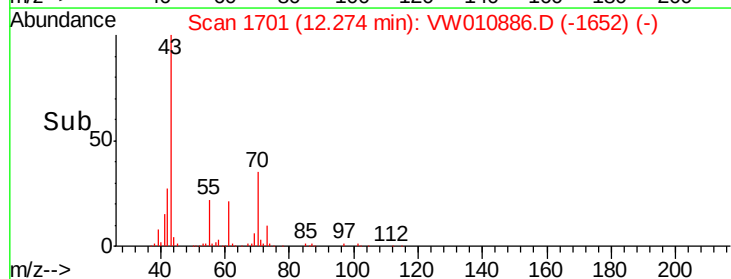
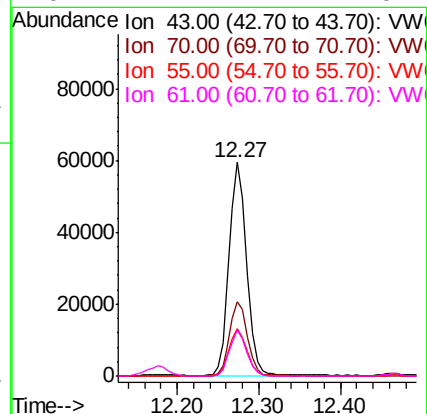
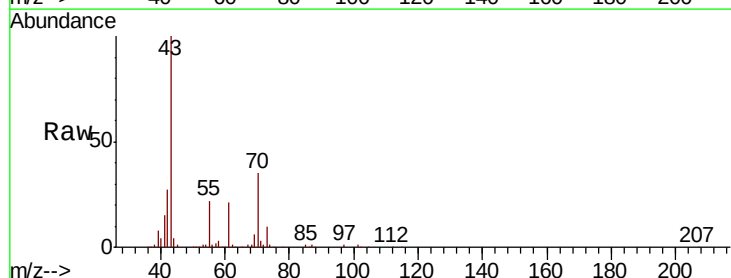
Ion Ratio Lower Upper

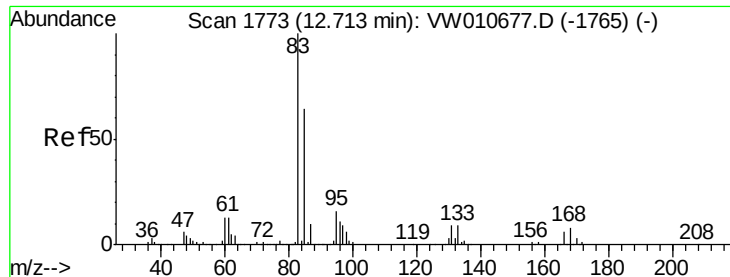
43 100

70 35.0 29.2 43.8

55 22.7 17.5 26.3

61 21.1 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.670 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

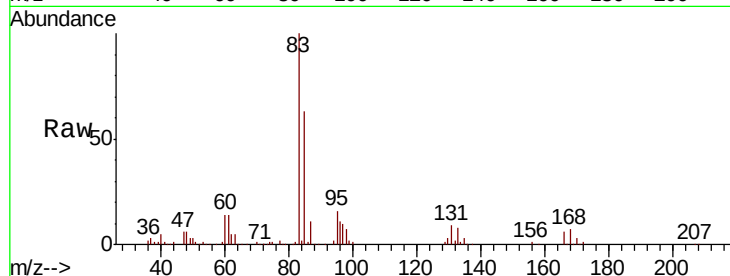
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 83 Resp: 51347

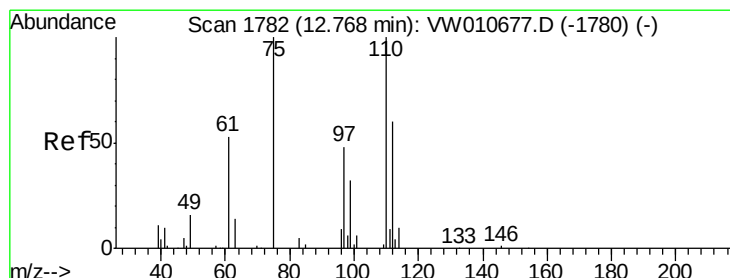
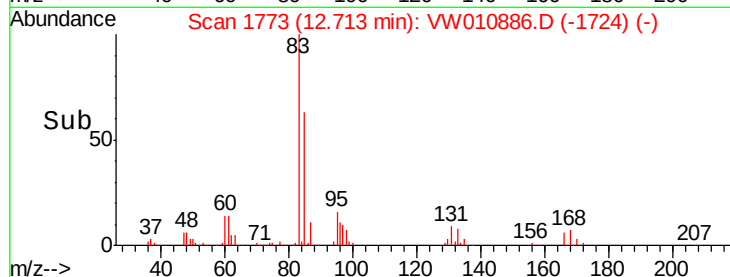
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.7
85	63.4	31.9	95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 36.900 ug/l

RT: 12.77 min Scan# 1782

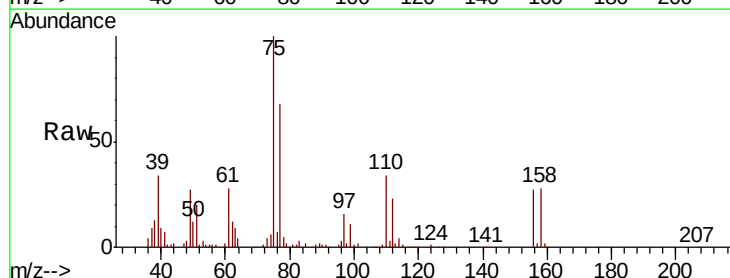
Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

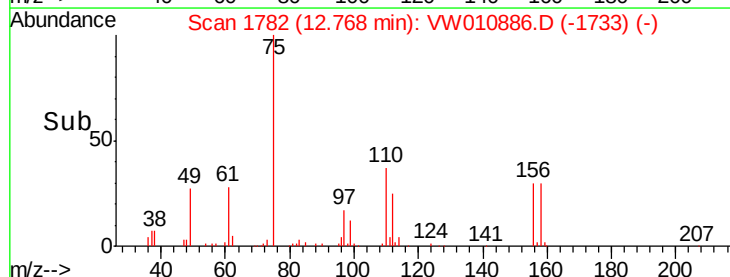
Tgt Ion: 75 Resp: 67288

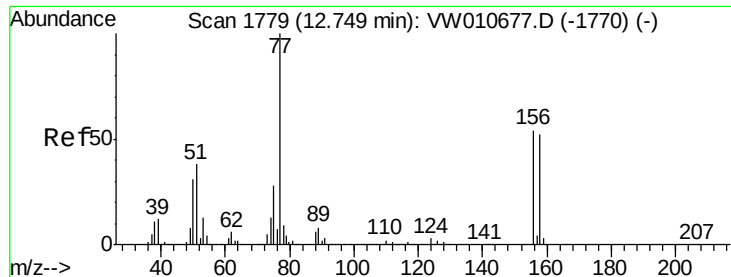
Ion	Ratio	Lower	Upper
75	100		
77	189.9	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.591 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampled :

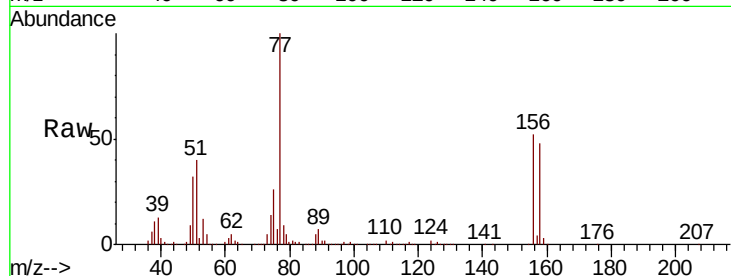
Tot Ion:156 Resp: 58649

Ion Ratio Lower Upper

156 100

77 217.8 106.5 319.4

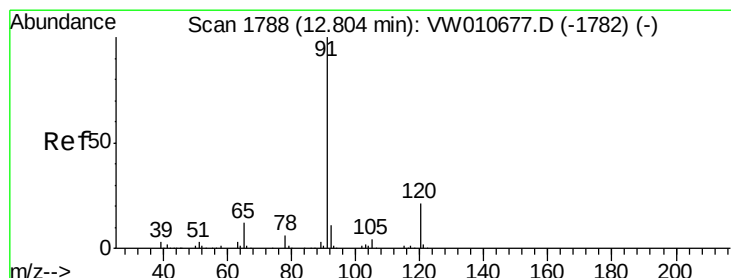
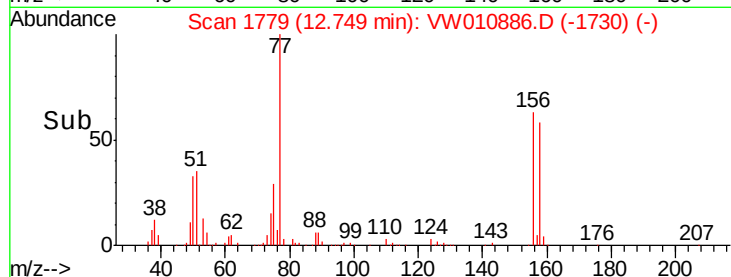
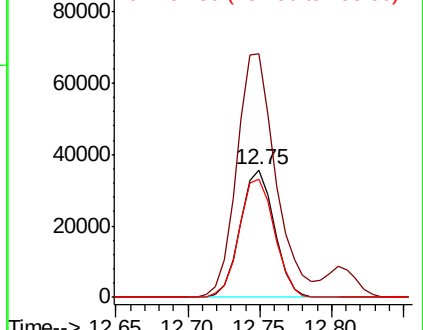
158 95.9 48.3 144.9



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: 20.741 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010886.D

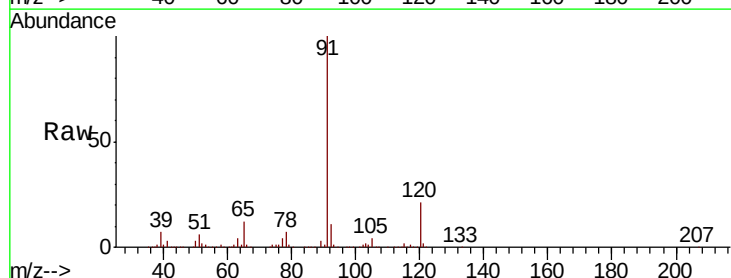
Acq: 20 Jun 2019 12:26

Tgt Ion: 91 Resp: 326349

Ion Ratio Lower Upper

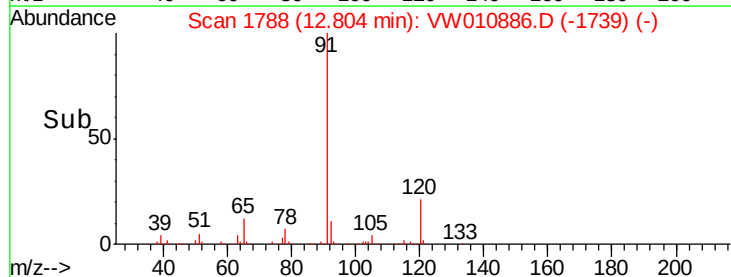
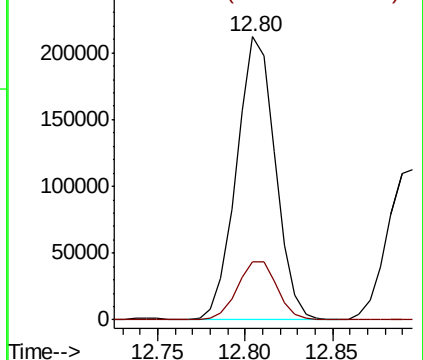
91 100

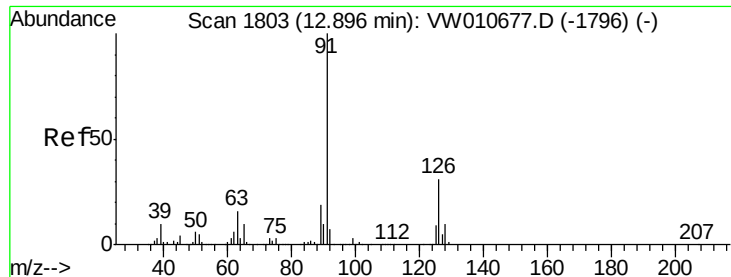
120 21.3 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.769 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

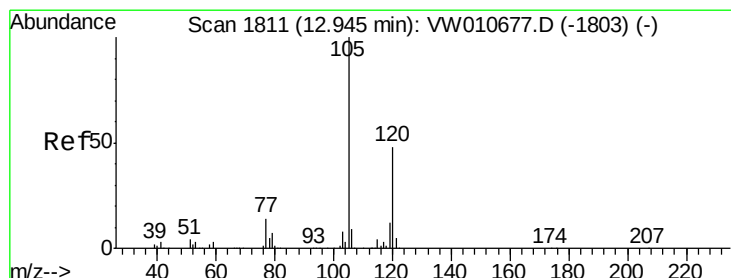
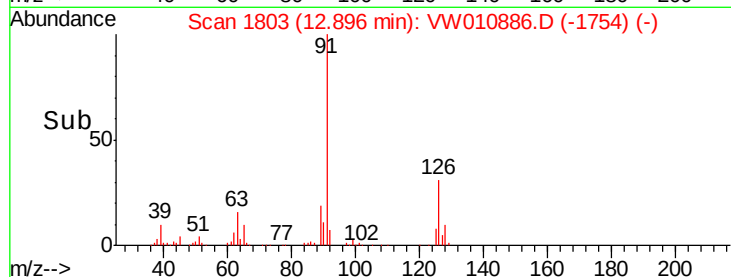
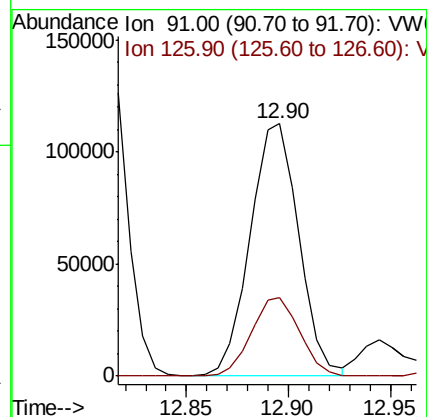
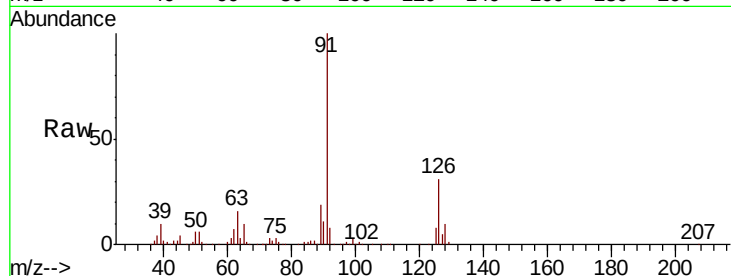
ClientSampled :

Tot Ion: 91 Resp: 186694

Ion Ratio Lower Upper

91 100

126 31.0 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 20.680 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010886.D

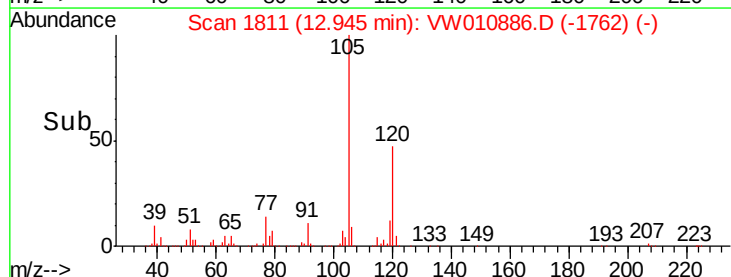
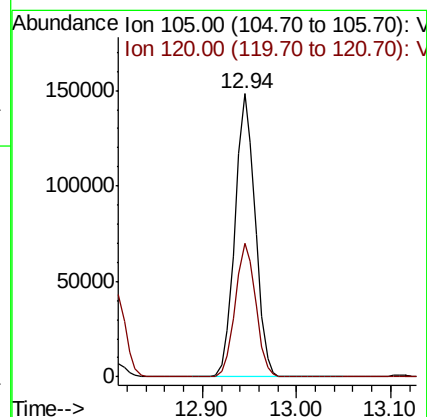
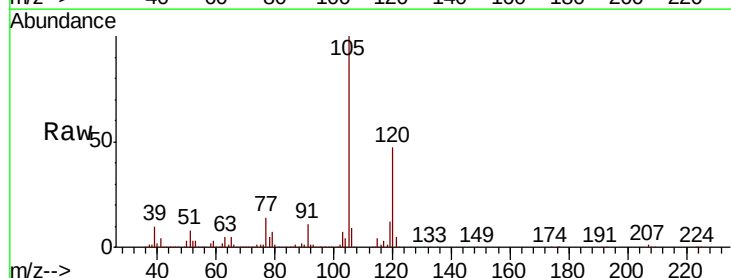
Acq: 20 Jun 2019 12:26

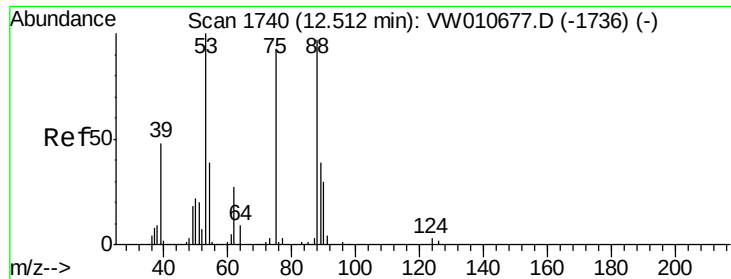
Tgt Ion:105 Resp: 220872

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.8

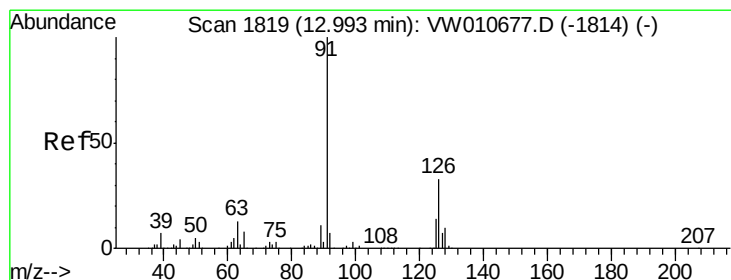
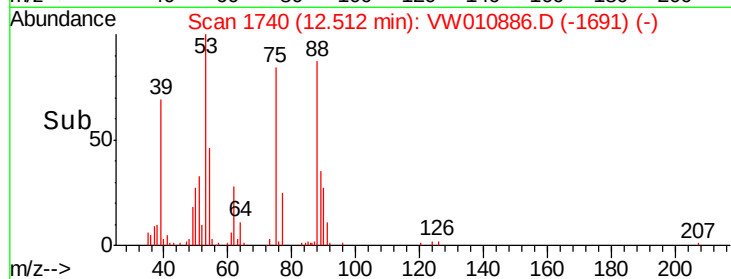
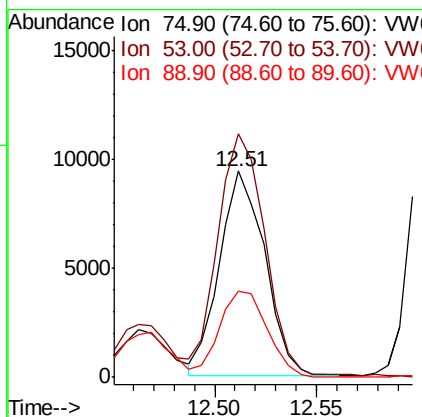
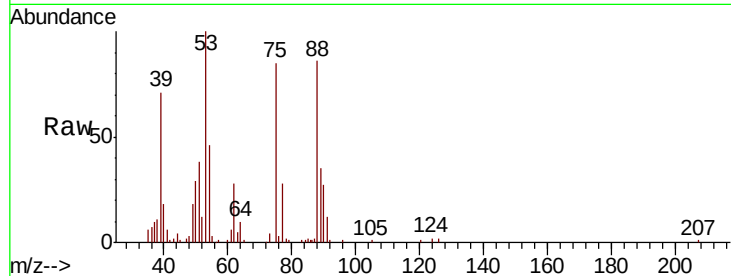




#81
trans-1,4-Dichloro-2-butene
Concen: 18.143 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

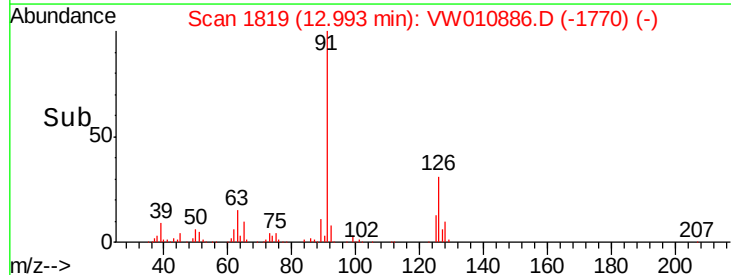
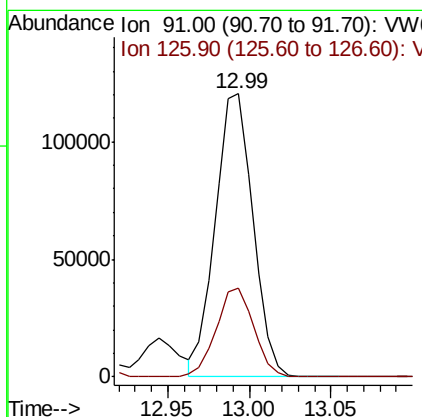
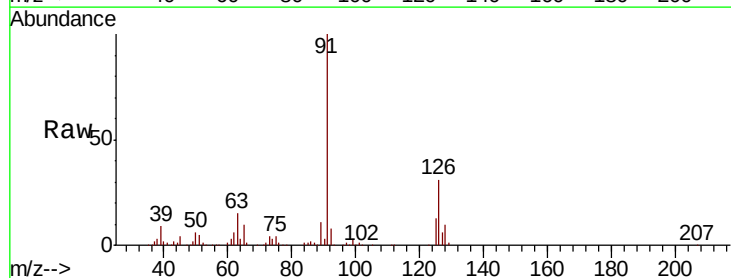
Instrument :
MSVOA_W
ClientSampled :

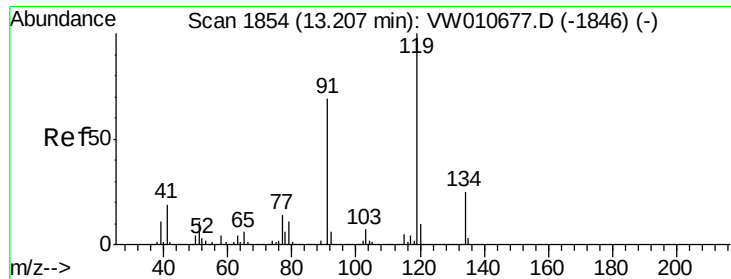
Tot Ion: 75 Resp: 14395
Ion Ratio Lower Upper
75 100
53 123.7 90.1 135.1
89 45.1 34.6 52.0



#82
4-Chlorotoluene
Concen: 20.894 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion: 91 Resp: 193827
Ion Ratio Lower Upper
91 100
126 31.4 15.9 47.7

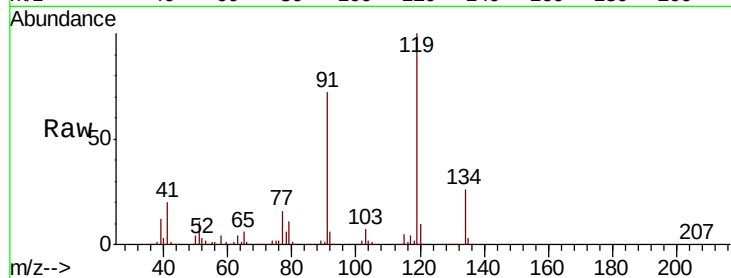




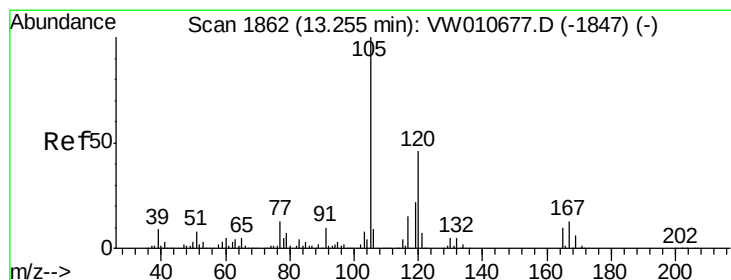
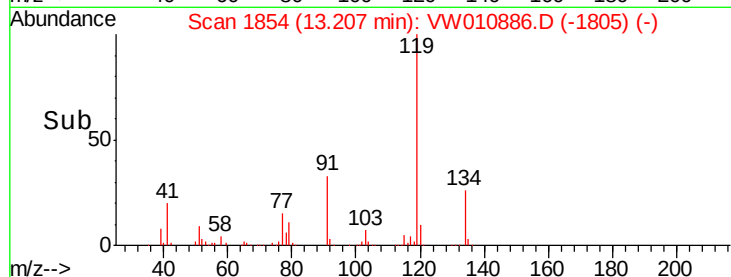
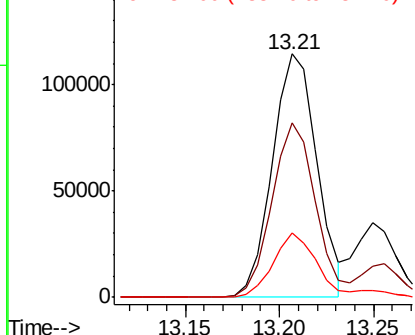
#83
tert-Butylbenzene
Concen: 20.648 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:119 Resp: 187163
Ion Ratio Lower Upper
119 100
91 70.6 35.1 105.3
134 25.3 13.6 40.7

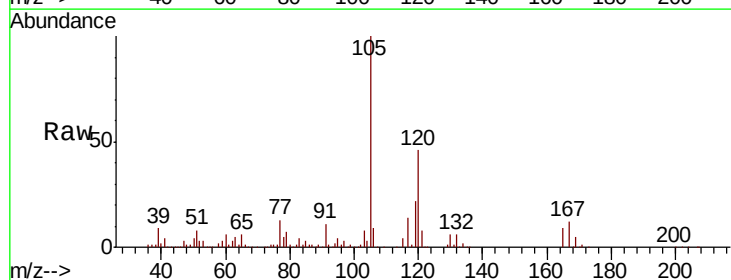


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

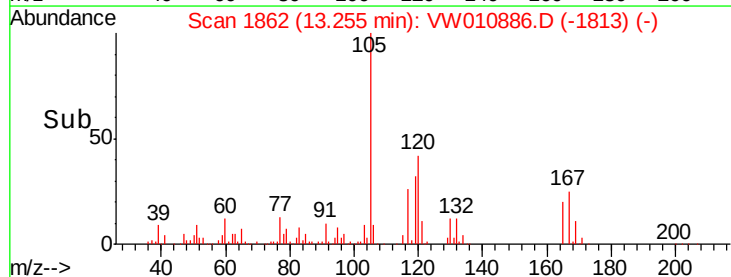
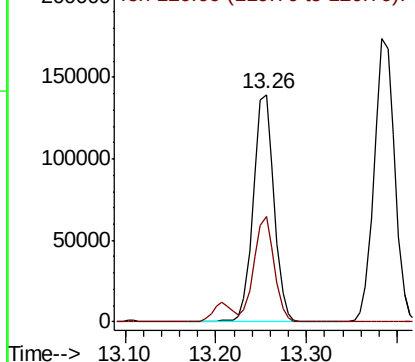


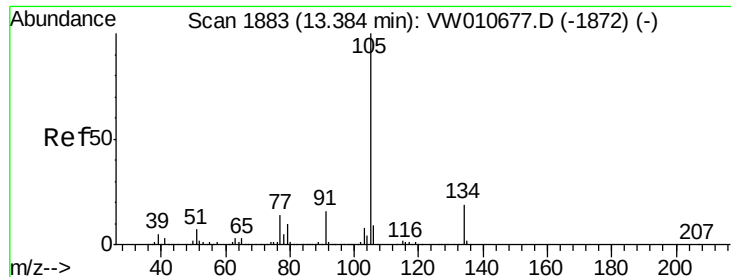
#84
1,2,4-Trimethylbenzene
Concen: 20.492 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010886.D
Acq: 20 Jun 2019 12:26

Tgt Ion:105 Resp: 220244
Ion Ratio Lower Upper
105 100
120 45.1 22.5 67.5



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

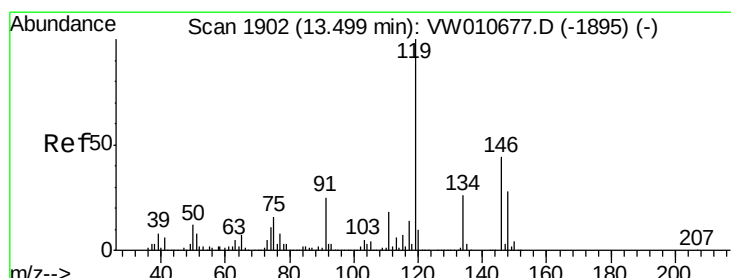
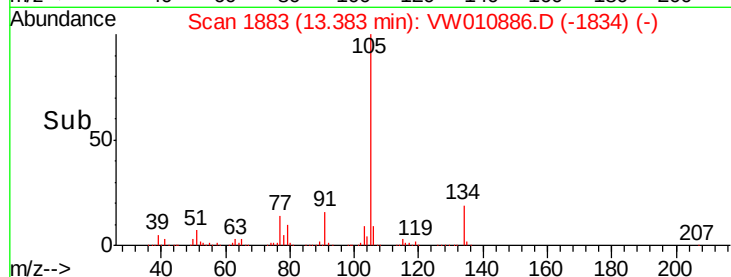
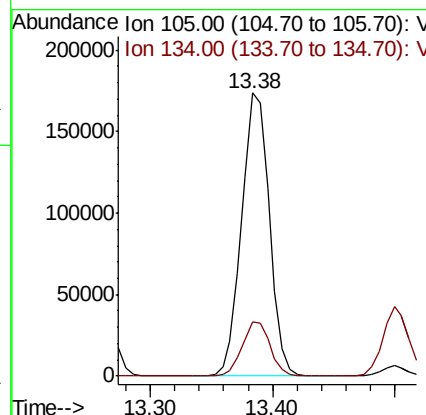
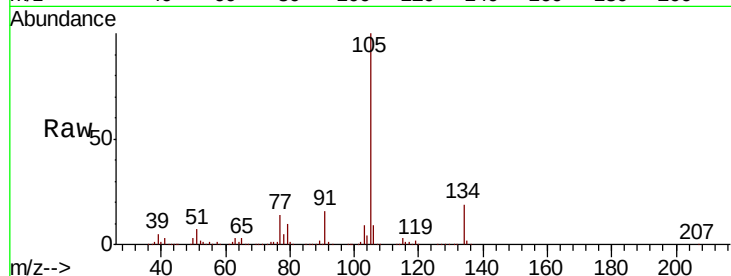




#85
 sec-Butylbenzene
 Concen: 20.617 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

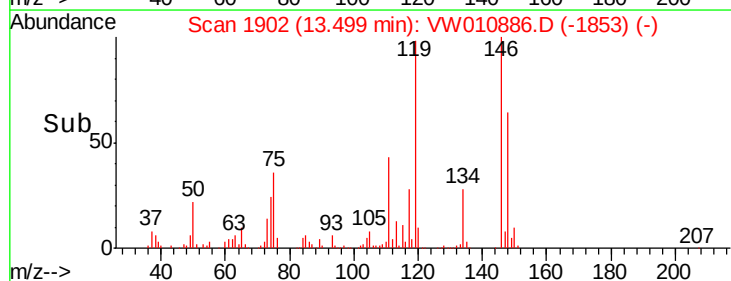
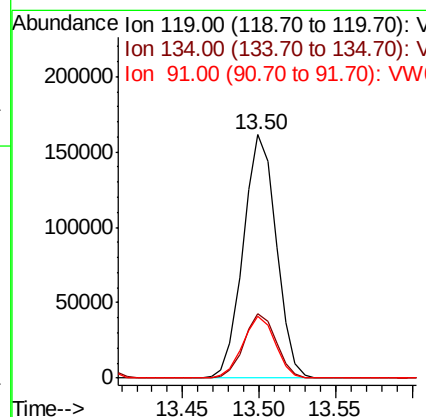
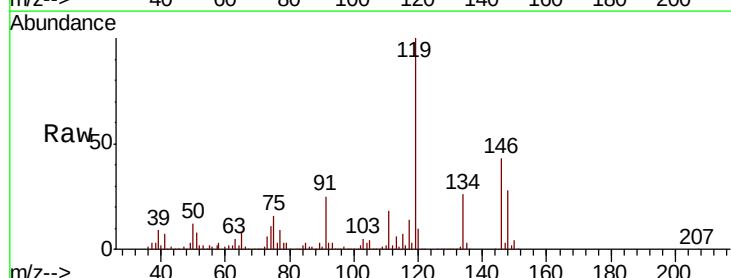
Instrument :
 MSVOA_W
 ClientSampleId :

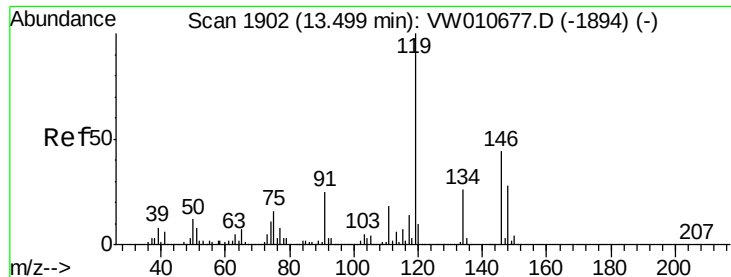
Tot Ion:105 Resp: 272097
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.501 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion:119 Resp: 241951
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.8 12.2 36.4

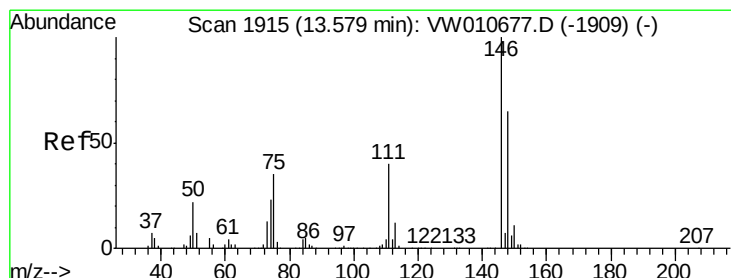
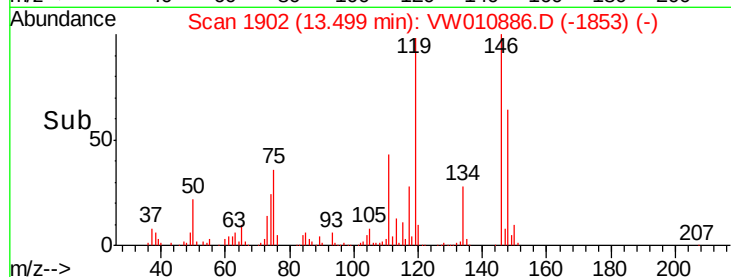
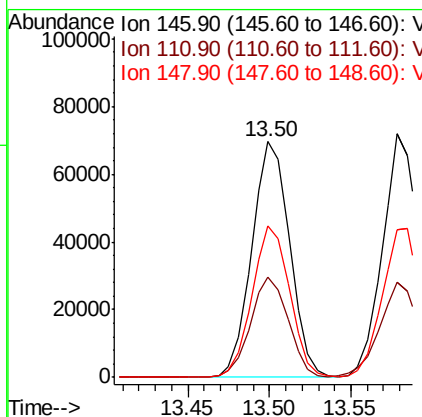
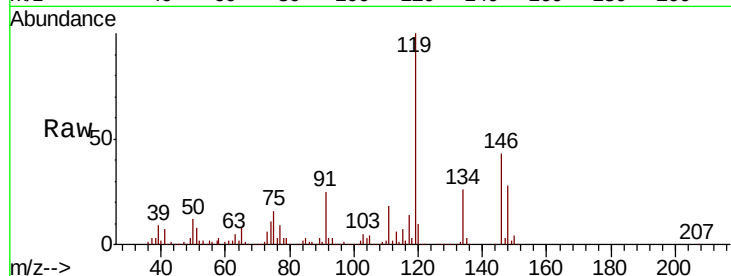




#87
 1,3-Dichlorobenzene
 Concen: 20.518 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

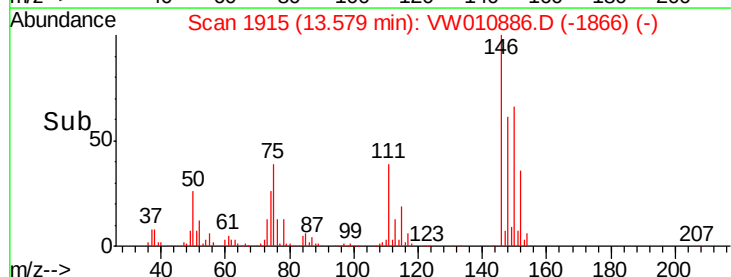
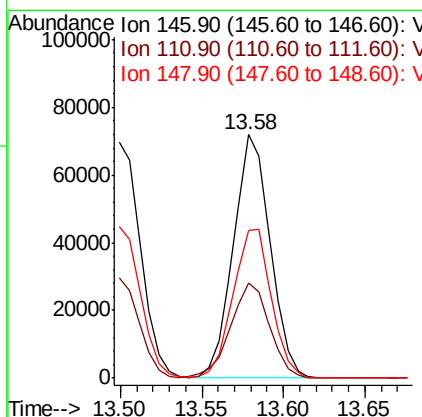
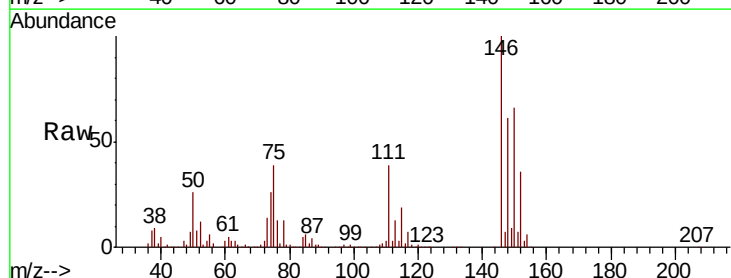
Instrument :
 MSVOA_W
 ClientSampled :

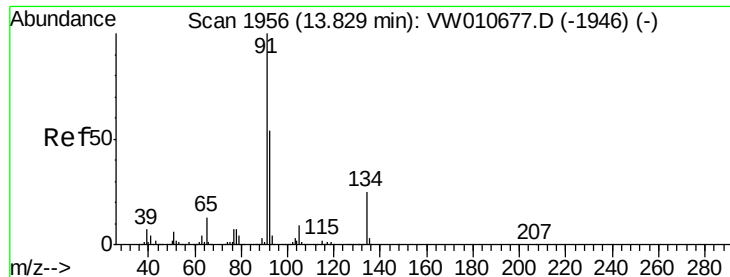
Tot Ion:146 Resp: 112702
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.4 61.3
 148 63.7 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 20.817 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion:146 Resp: 113363
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 60.9
 148 63.5 32.4 97.2





#89

n-Butylbenzene

Concen: 20.795 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampled :

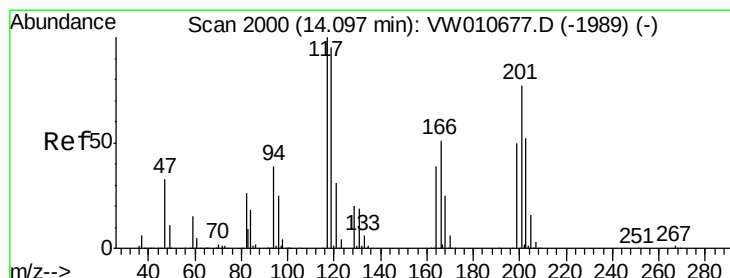
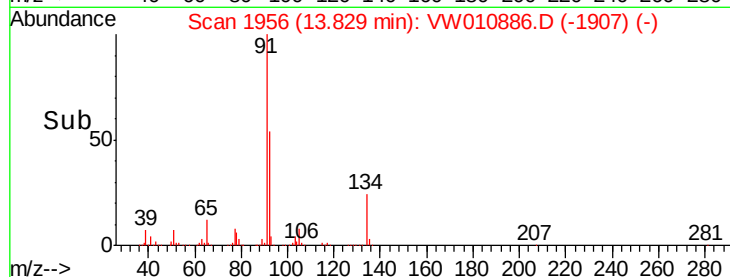
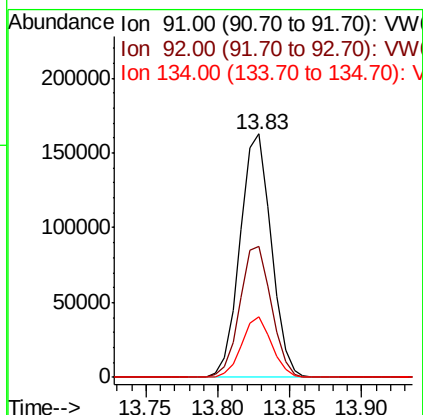
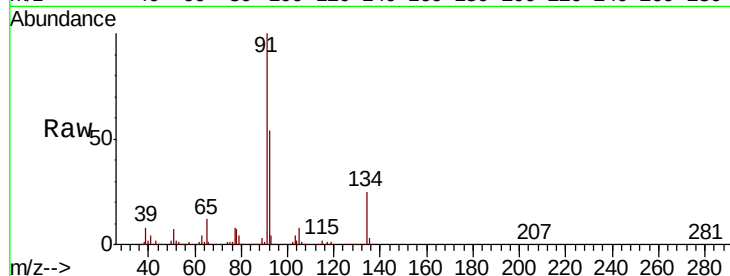
Tot Ion: 91 Resp: 244866

Ion Ratio Lower Upper

91 100

92 54.2 27.3 81.8

134 23.9 12.3 36.9



#90

Hexachloroethane

Concen: 19.394 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010886.D

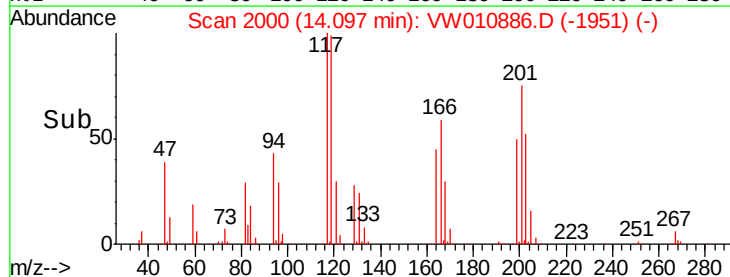
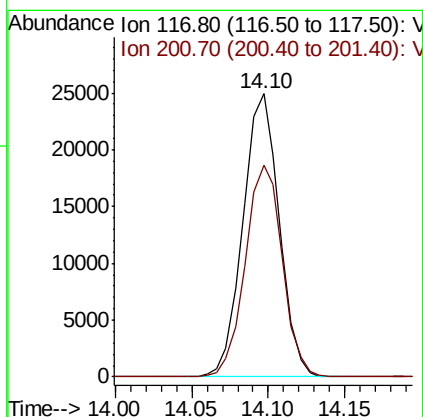
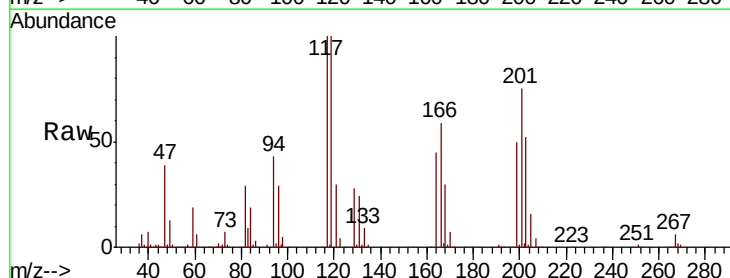
Acq: 20 Jun 2019 12:26

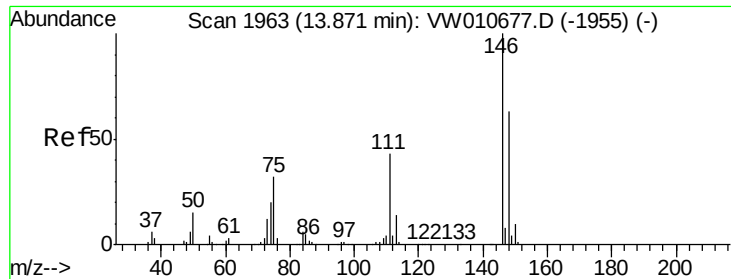
Tgt Ion: 117 Resp: 40990

Ion Ratio Lower Upper

117 100

201 76.6 38.8 116.4

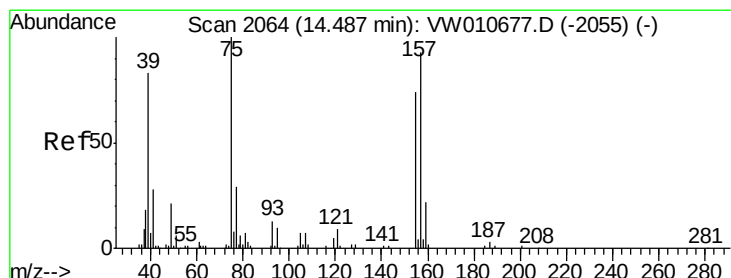
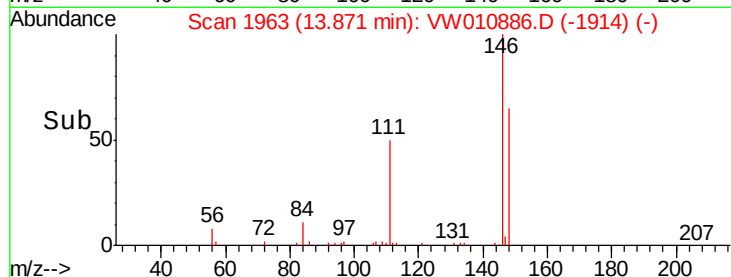
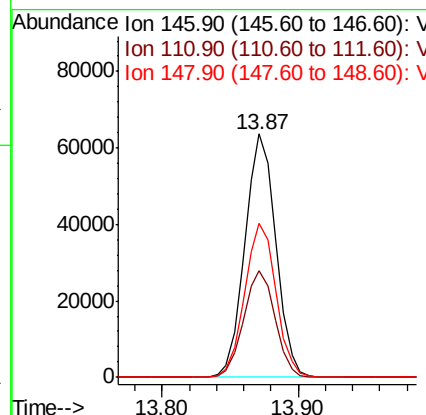
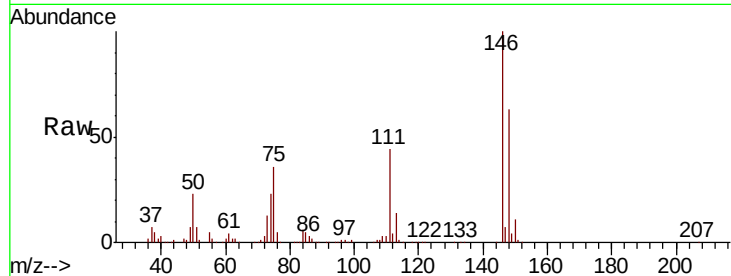




#91
 1,2-Dichlorobenzene
 Concen: 20.514 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

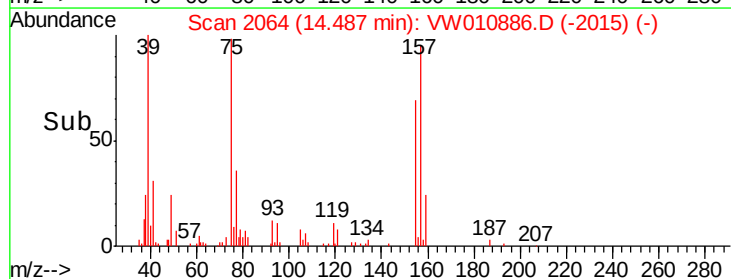
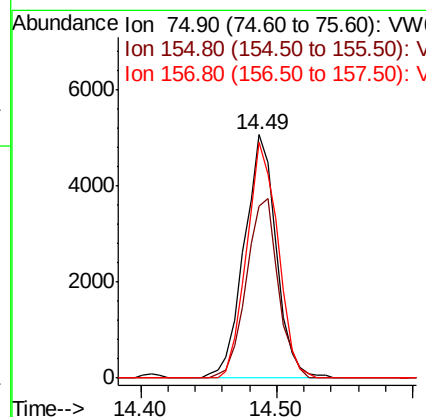
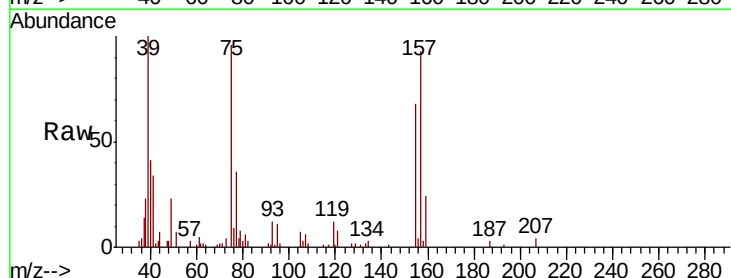
Instrument :
 MSVOA_W
 ClientSampleId :

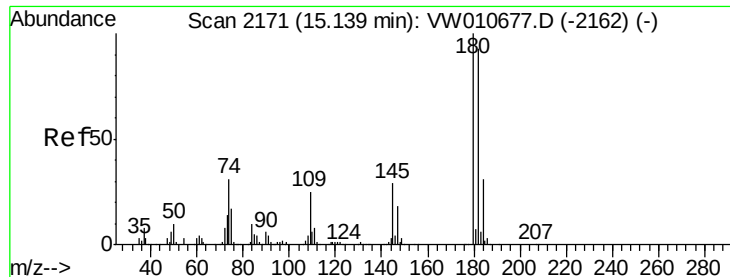
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.5	64.5
148	63.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.544 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.4	38.8	116.4
157	94.8	48.4	145.0

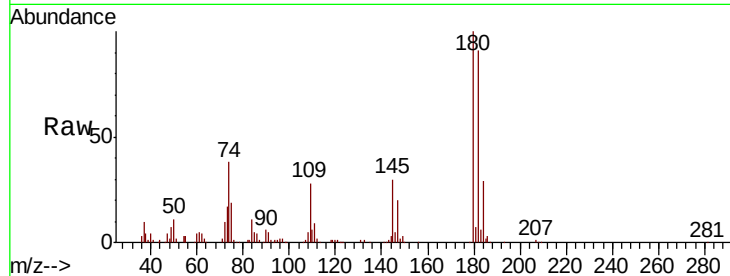




#93
 1,2,4-Trichlorobenzene
 Concen: 20.704 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.1	141.4
145	30.3	15.2	45.5

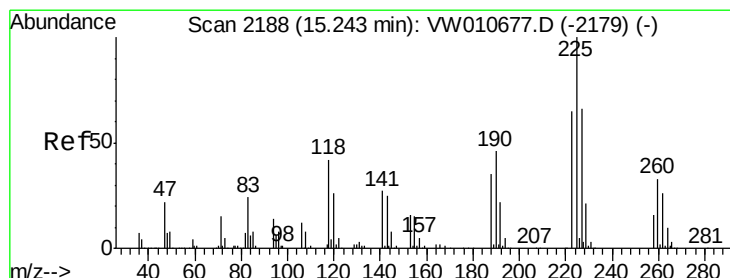
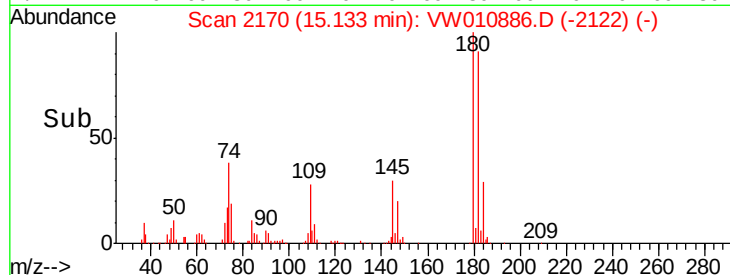
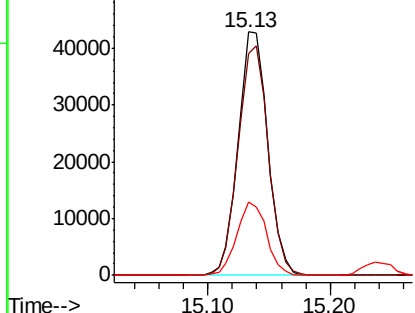


Abundance

Ion 179.80 (179.50 to 180.50): V

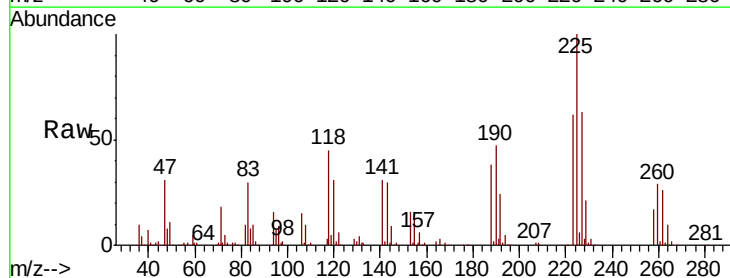
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.613 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010886.D
 Acq: 20 Jun 2019 12:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	32.2	96.6
227	64.4	32.0	96.0

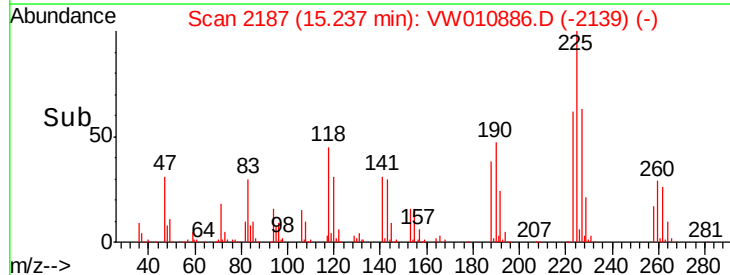
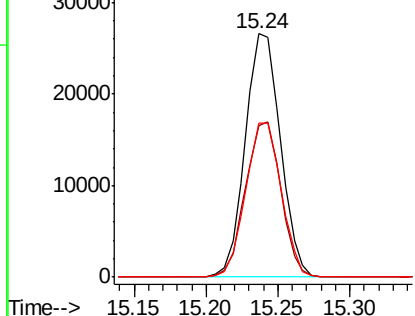


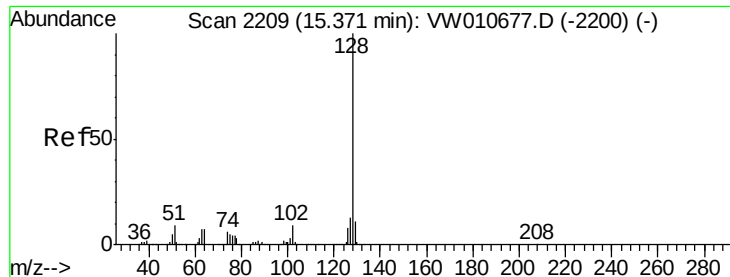
Abundance

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: 19.667 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

Instrument :

MSVOA_W

ClientSampleId :

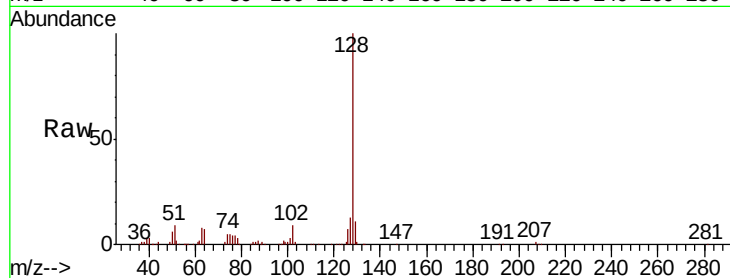
Tot Ion:128 Resp: 123869

Ion Ratio Lower Upper

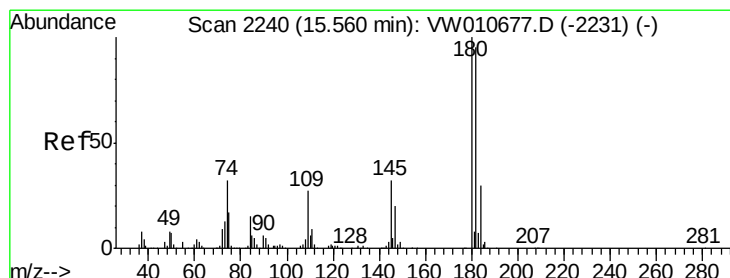
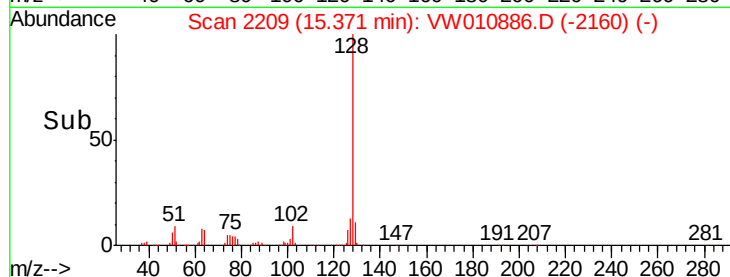
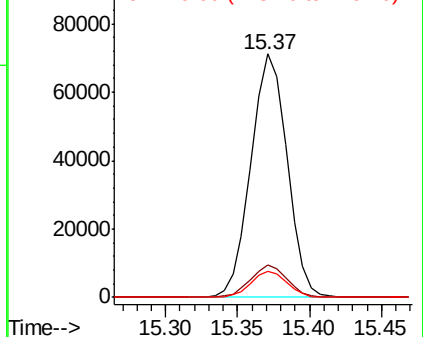
128 100

127 13.3 10.6 15.8

129 10.7 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: 20.964 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW010886.D

Acq: 20 Jun 2019 12:26

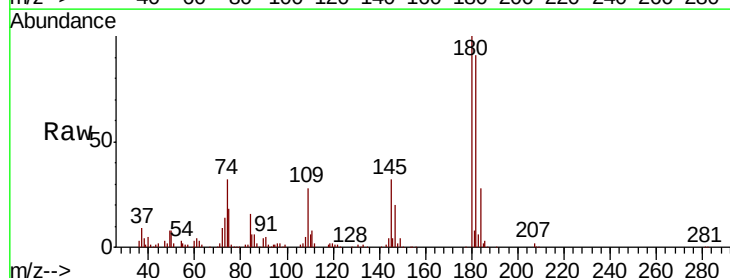
Tgt Ion:180 Resp: 61802

Ion Ratio Lower Upper

180 100

182 95.2 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

