

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010703.D
 Acq On : 06 Jun 2019 12:10
 Operator : SY/VA
 Sample : VW0606SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

Quant Time: Jun 07 07:37:44 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	280700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	461385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	397111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	183473	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	142977	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	
35) Dibromofluoromethane	7.88	113	112827	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
50) Toluene-d8	10.32	98	483250	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	
62) 4-Bromofluorobenzene	12.62	95	170634	42.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	50184	19.347	ug/l	99
3) Chloromethane	2.21	50	70826	18.558	ug/l	98
4) Vinyl Chloride	2.35	62	66822	18.951	ug/l	100
5) Bromomethane	2.75	94	38547	19.908	ug/l	99
6) Chloroethane	2.91	64	40136	18.963	ug/l	100
7) Trichlorofluoromethane	3.25	101	92986	20.315	ug/l	99
8) Diethyl Ether	3.68	74	28956	17.702	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	55489	19.719	ug/l	99
10) Methyl Iodide	4.27	142	40399	17.397	ug/l	98
11) Tert butyl alcohol	5.18	59	29082	107.896	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	52729	19.424	ug/l	94
13) Acrolein	3.90	56	8950	81.259	ug/l	99
14) Allyl chloride	4.67	41	119685	19.996	ug/l	98
15) Acrylonitrile	5.37	53	65426	82.333	ug/l	100
16) Acetone	4.12	43	71900	81.104	ug/l	99
17) Carbon Disulfide	4.37	76	165904	19.253	ug/l	100
18) Methyl Acetate	4.67	43	33381	17.492	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	139073	17.763	ug/l	97
20) Methylene Chloride	4.91	84	57394	18.455	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	60841	19.743	ug/l	98
22) Diisopropyl ether	6.31	45	231435	19.314	ug/l	100
23) Vinyl Acetate	6.26	43	653207	90.326	ug/l	100
24) 1,1-Dichloroethane	6.21	63	119638	19.922	ug/l	98
25) 2-Butanone	7.17	43	102329	83.244	ug/l	98
26) 2,2-Dichloropropane	7.16	77	105323	21.553	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	66009	19.464	ug/l	96
28) Bromochloromethane	7.51	49	49067	18.309	ug/l	99
29) Tetrahydrofuran	7.53	42	62179	80.417	ug/l	99
30) Chloroform	7.68	83	108184	19.696	ug/l	99
31) Cyclohexane	7.95	56	130351	19.527	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	97719	20.366	ug/l	98
36) 1,1-Dichloropropene	8.08	75	94545	20.019	ug/l	100
37) Ethyl Acetate	7.25	43	44409	16.969	ug/l	100
38) Carbon Tetrachloride	8.07	117	82450	20.223	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	118638	19.761	ug/l	97
40) Benzene	8.32	78	254007	19.715	ug/l	99
41) Methacrylonitrile	7.48	41	25704	16.524	ug/l	98
42) 1,2-Dichloroethane	8.40	62	76843	18.792	ug/l	99
43) Isopropyl Acetate	8.43	43	84413	16.695	ug/l	99
44) Trichloroethene	9.09	130	62424	19.641	ug/l	100
45) 1,2-Dichloropropane	9.37	63	65146	19.101	ug/l	99
46) Dibromomethane	9.46	93	28866	18.222	ug/l	99
47) Bromodichloromethane	9.64	83	78583	19.137	ug/l	98
48) Methyl methacrylate	9.44	41	40350	16.552	ug/l	99
49) 1,4-Dioxane	9.45	88	7076	285.701	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	211004	81.689	ug/l	99
52) Toluene	10.39	92	156121	19.694	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	79918	18.375	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	98031	19.154	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	40462	17.730	ug/l	97
56) Ethyl methacrylate	10.65	69	59296	16.886	ug/l	97
57) 1,3-Dichloropropane	10.93	76	77615	18.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	163482	88.884	ug/l	100
59) 2-Hexanone	10.97	43	146106	78.266	ug/l	98
60) Dibromochloromethane	11.13	129	46442	18.358	ug/l	99
61) 1,2-Dibromoethane	11.24	107	37896	17.527	ug/l	99
64) Tetrachloroethene	10.86	164	50536	19.167	ug/l	94
65) Chlorobenzene	11.66	112	152751	19.561	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	52720	19.502	ug/l	99
67) Ethyl Benzene	11.73	91	300626	20.031	ug/l	98
68) m/p-Xylenes	11.84	106	214210	39.872	ug/l	100
69) o-Xylene	12.16	106	100159	19.657	ug/l	98
70) Styrene	12.18	104	171418	19.366	ug/l	99
71) Bromoform	12.35	173	24443	17.483	ug/l #	99
73) Isopropylbenzene	12.46	105	285122	20.680	ug/l	99
74) N-amyl acetate	12.27	43	75439	16.930	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	46093	17.561	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	62773	32.580	ug/l #	100
77) Bromobenzene	12.75	156	58959	19.591	ug/l	98
78) n-propylbenzene	12.80	91	342512	20.602	ug/l	100
79) 2-Chlorotoluene	12.90	91	192799	20.299	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	230518	20.427	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14285	17.040	ug/l	93
82) 4-Chlorotoluene	12.99	91	198190	20.220	ug/l	100
83) tert-Butylbenzene	13.21	119	194922	20.352	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	231069	20.348	ug/l	99
85) sec-Butylbenzene	13.38	105	283885	20.358	ug/l	99
86) p-Isopropyltoluene	13.50	119	253014	20.290	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	114669	19.758	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	112788	19.602	ug/l	99
89) n-Butylbenzene	13.83	91	253890	20.406	ug/l	100
90) Hexachloroethane	14.10	117	45299	20.285	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	99795	19.120	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7548	16.746	ug/l	95

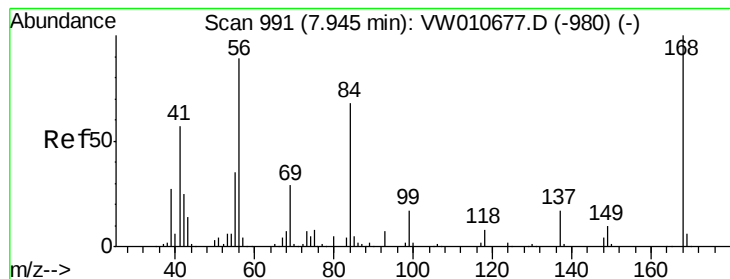
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	69093	18.864	ug/l	99
94) Hexachlorobutadiene	15.24	225	45255	19.687	ug/l	100
95) Naphthalene	15.37	128	111818	16.803	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	56704	18.204	ug/l	98

(#) = 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: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

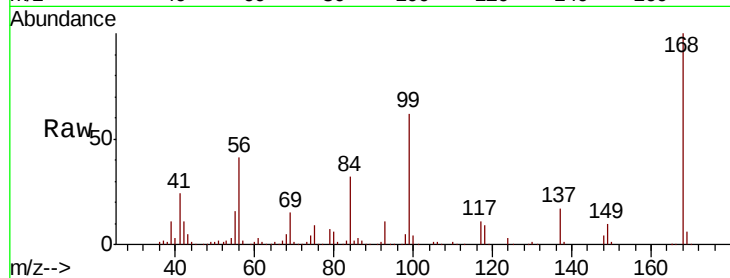
VW0606SBS01

Tot Ion:168 Resp: 280700

Ion Ratio Lower Upper

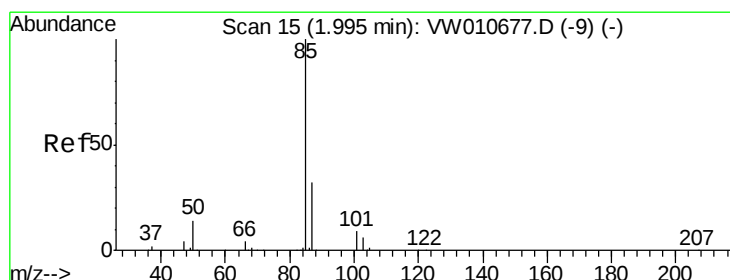
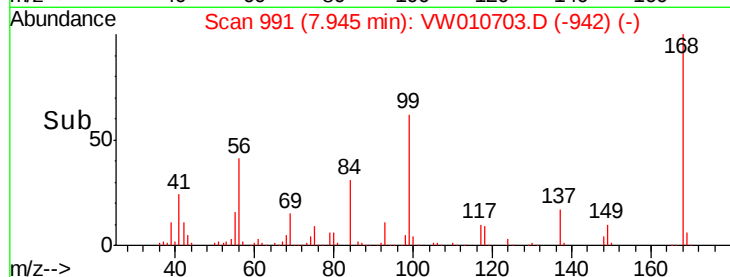
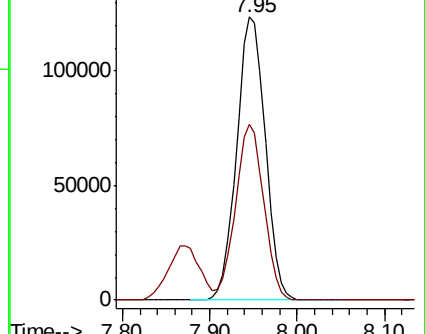
168 100

99 62.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.347 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010703.D

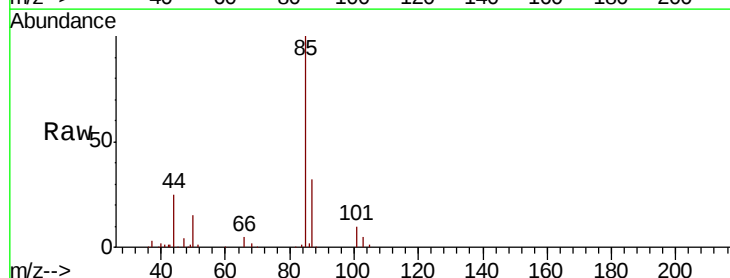
Acq: 06 Jun 2019 12:10

Tgt Ion: 85 Resp: 50184

Ion Ratio Lower Upper

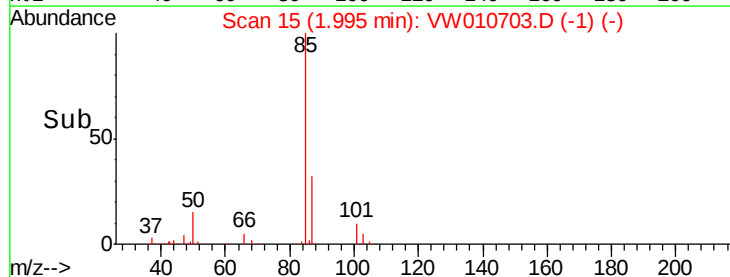
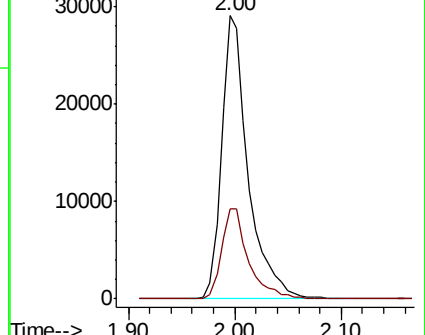
85 100

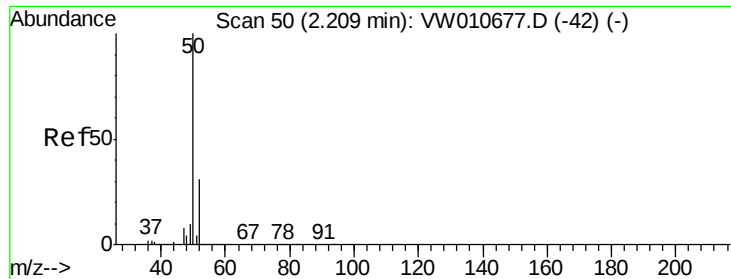
87 31.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.558 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

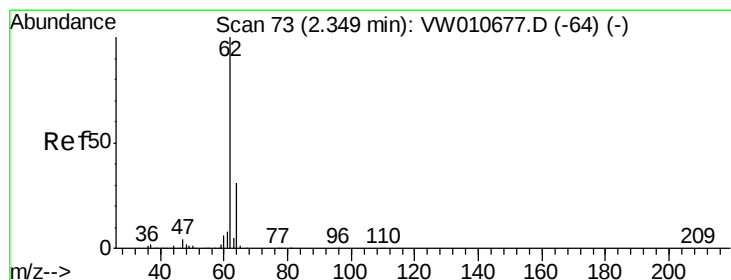
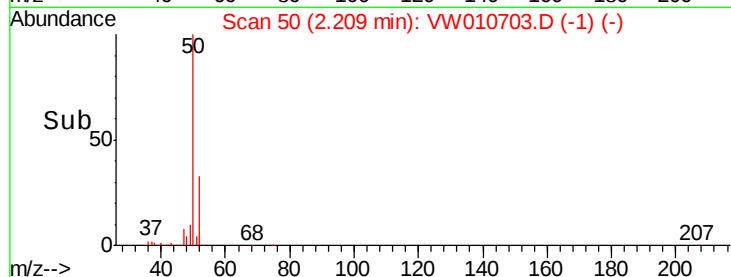
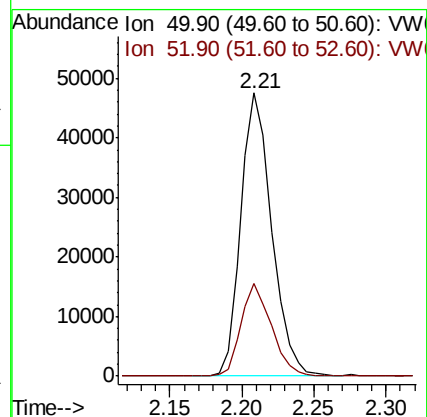
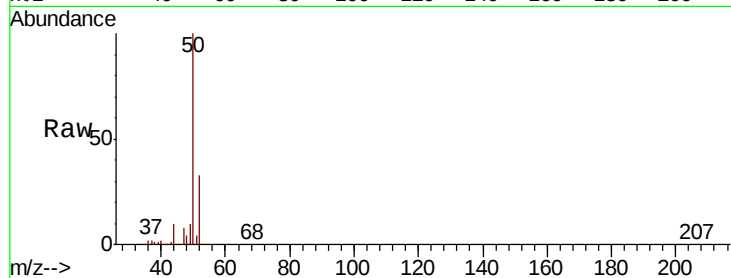
VW0606SBS01

Tot Ion: 50 Resp: 70826

Ion Ratio Lower Upper

50 100

52 32.6 25.2 37.8



#4

Vinyl Chloride

Concen: 18.951 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010703.D

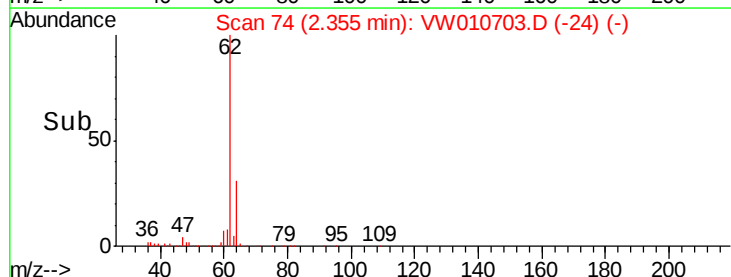
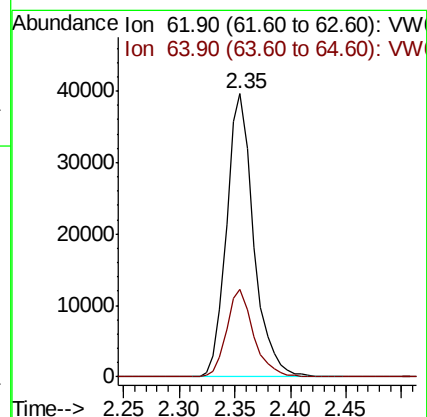
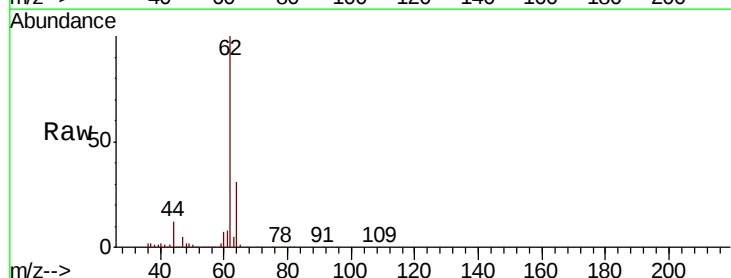
Acq: 06 Jun 2019 12:10

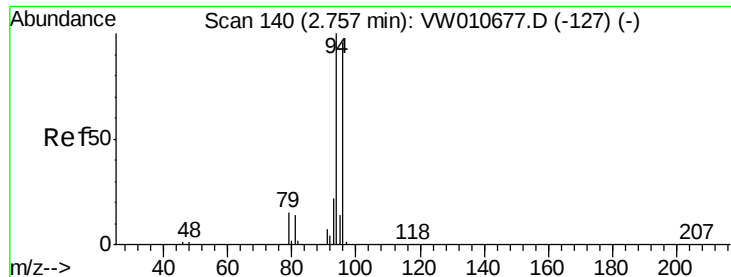
Tgt Ion: 62 Resp: 66822

Ion Ratio Lower Upper

62 100

64 30.8 24.5 36.7





#5

Bromomethane

Concen: 19.908 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

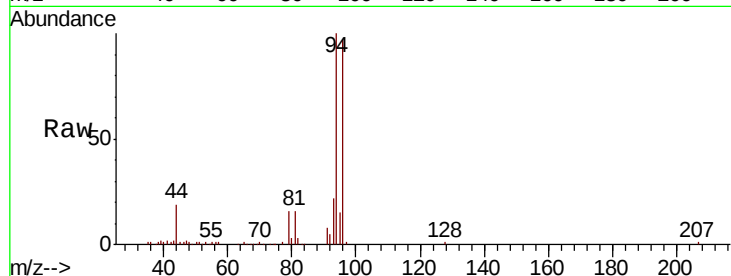
VW0606SBS01

Tot Ion: 94 Resp: 38547

Ion Ratio Lower Upper

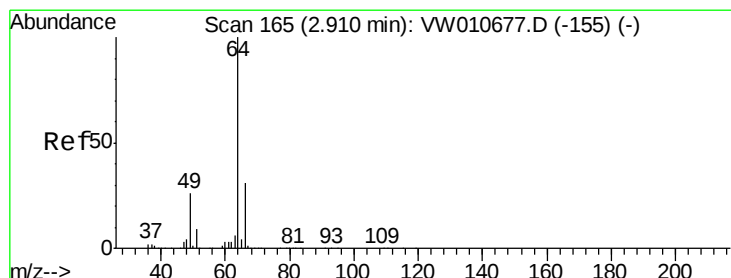
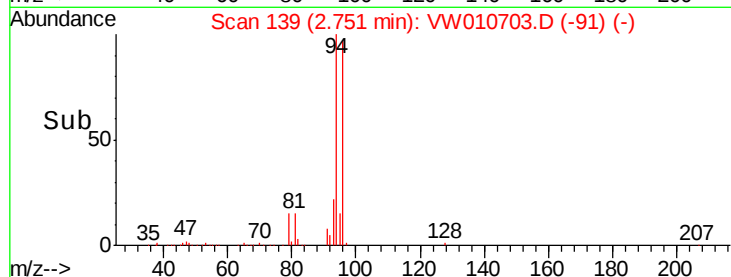
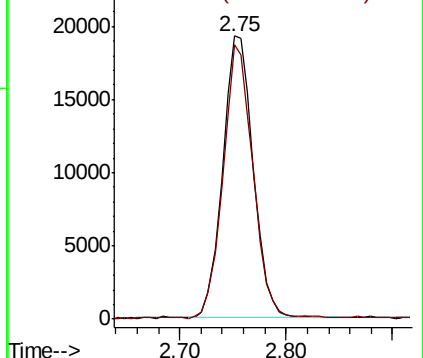
94 100

96 97.0 76.5 114.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 18.963 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010703.D

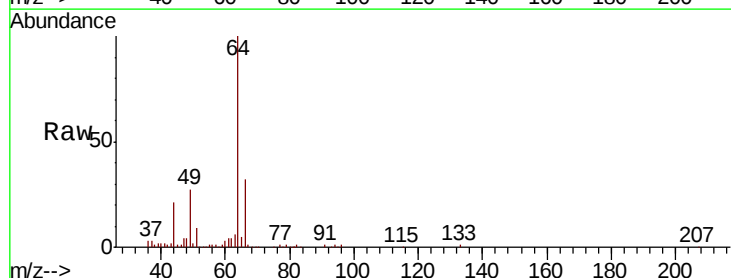
Acq: 06 Jun 2019 12:10

Tgt Ion: 64 Resp: 40136

Ion Ratio Lower Upper

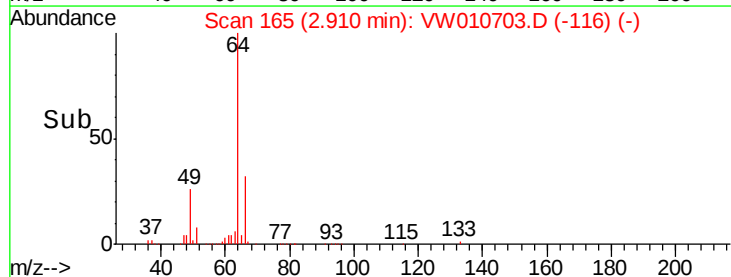
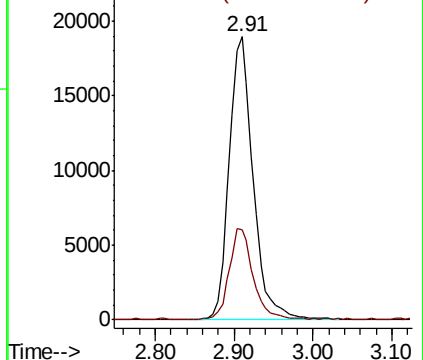
64 100

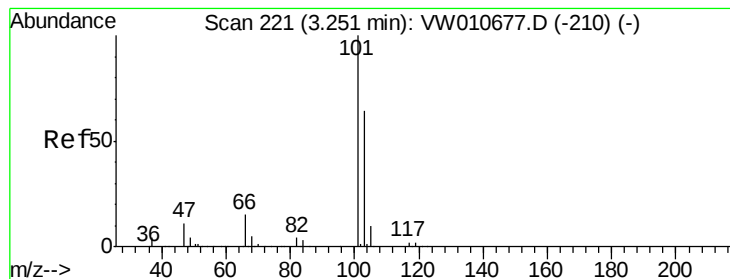
66 31.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



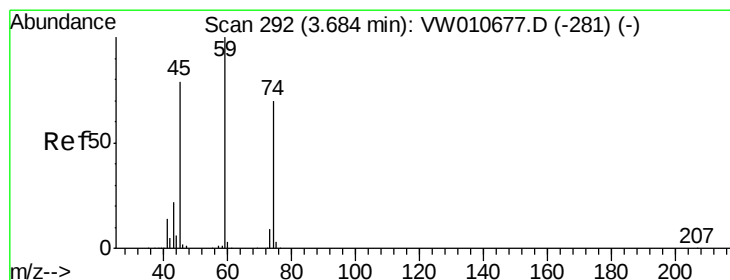
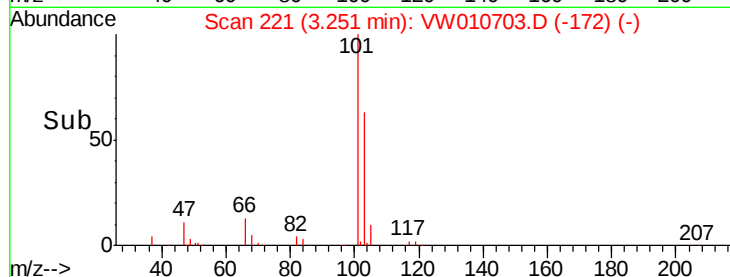
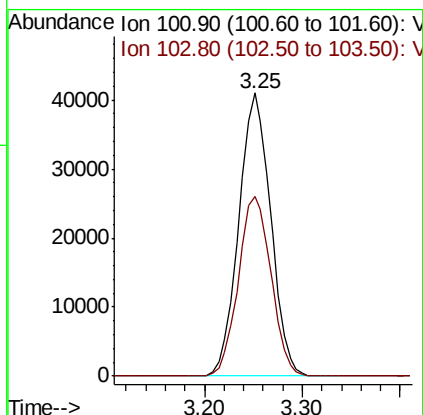
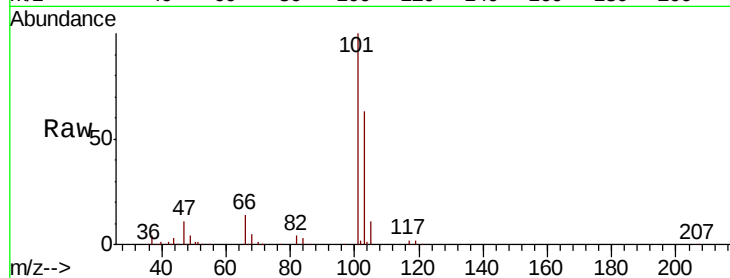


#7

Trichlorofluoromethane
 Concen: 20.315 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Instrument :
 MSVOA_W
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 VW0606SBS01

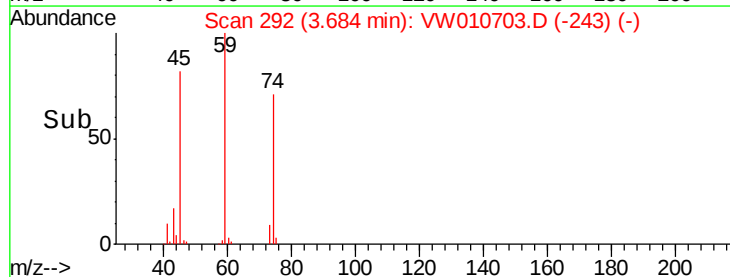
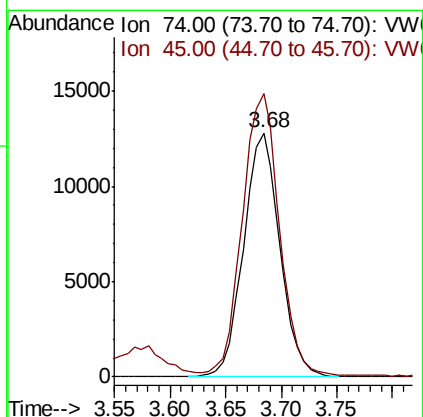
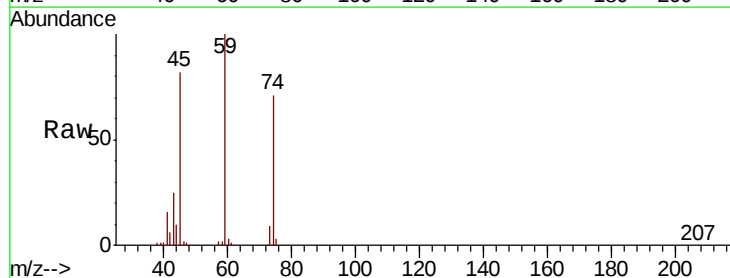
Tot Ion:101 Resp: 92986
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.2 76.8

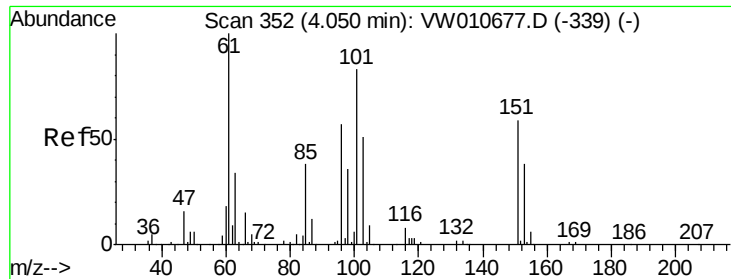


#8

Diethyl Ether
 Concen: 17.702 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Tgt Ion: 74 Resp: 28956
 Ion Ratio Lower Upper
 74 100
 45 118.5 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.719 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

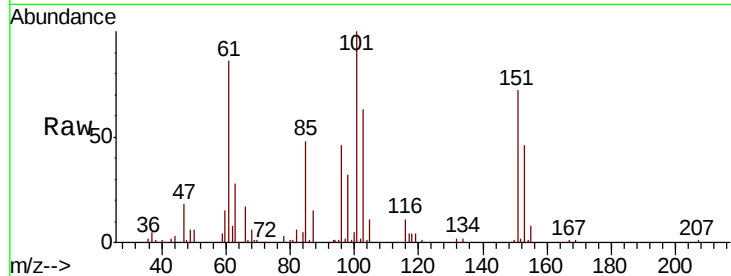
Tot Ion:101 Resp: 55489

Ion Ratio Lower Upper

101 100

85 45.4 35.8 53.8

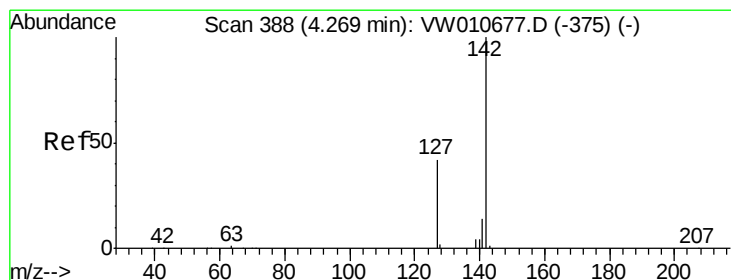
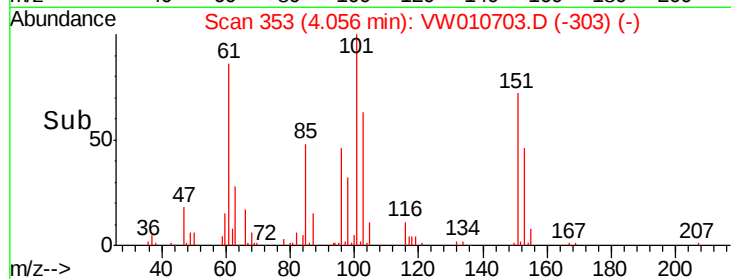
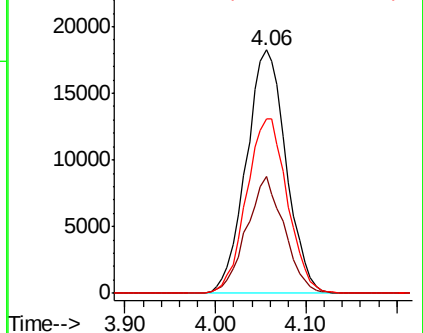
151 73.6 58.1 87.1



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: 17.397 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

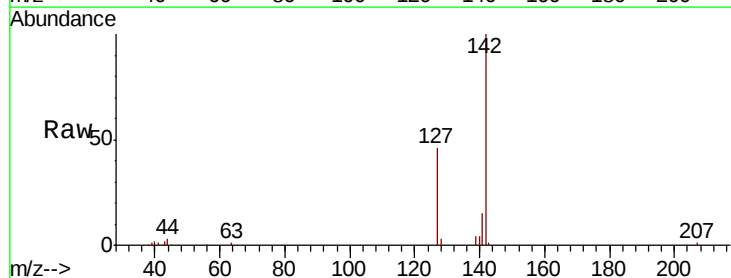
Tgt Ion:142 Resp: 40399

Ion Ratio Lower Upper

142 100

127 45.1 34.6 51.8

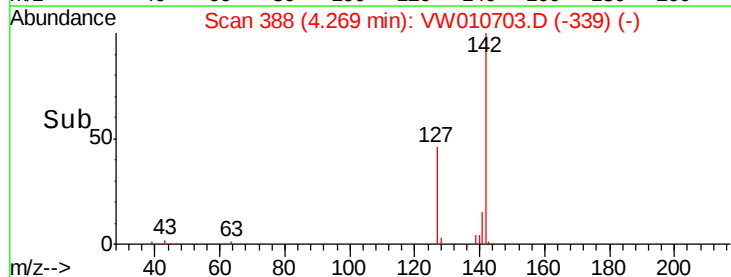
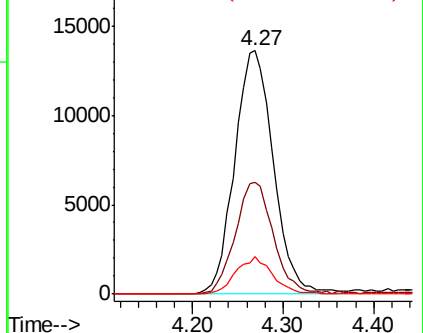
141 14.3 11.6 17.4

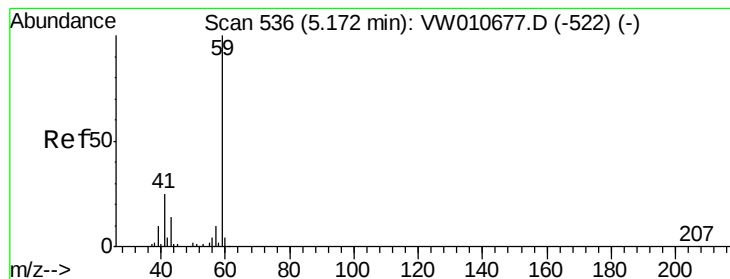


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



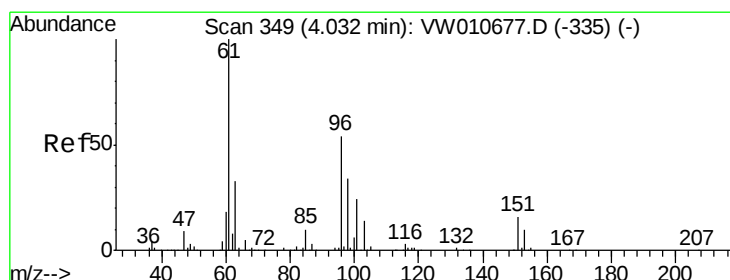
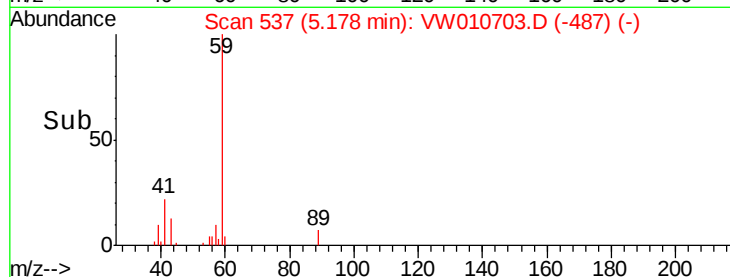
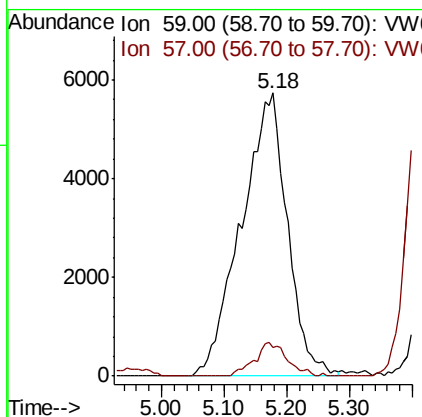
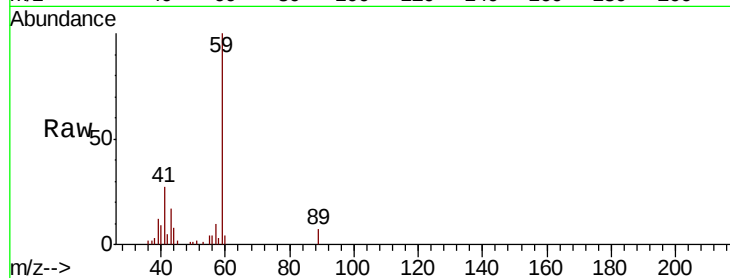


#11

Tert butyl alcohol
 Concen: 107.896 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

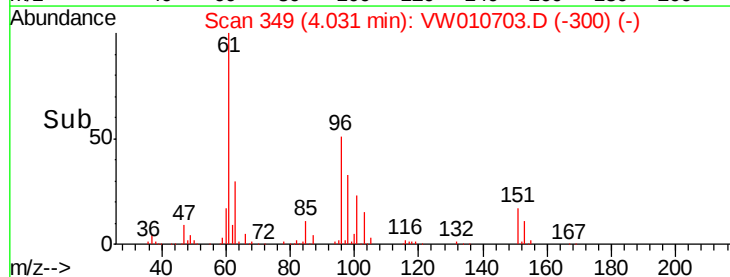
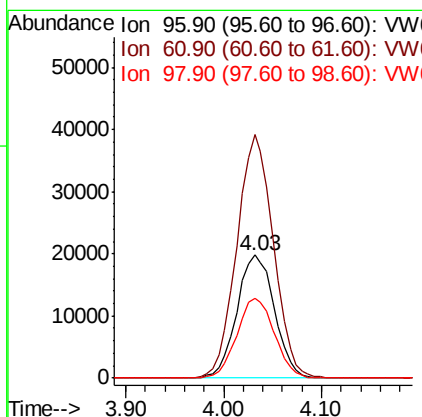
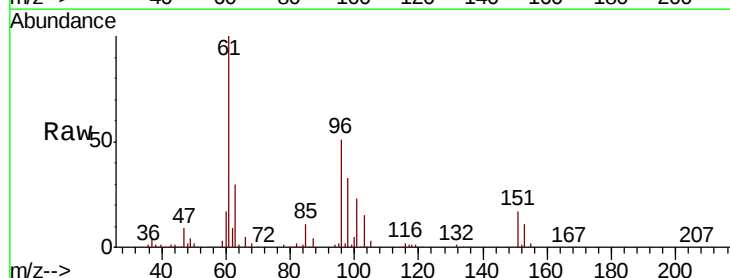
Tot Ion: 59 Resp: 29082
 Ion Ratio Lower Upper
 59 100
 57 8.3 8.6 12.8#

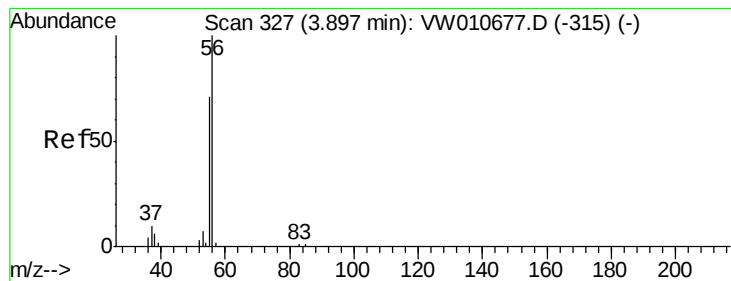


#12

1,1-Dichloroethene
 Concen: 19.424 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Tgt Ion: 96 Resp: 52729
 Ion Ratio Lower Upper
 96 100
 61 197.6 149.1 223.7
 98 64.8 51.1 76.7





#13

Acrolein

Concen: 81.259 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

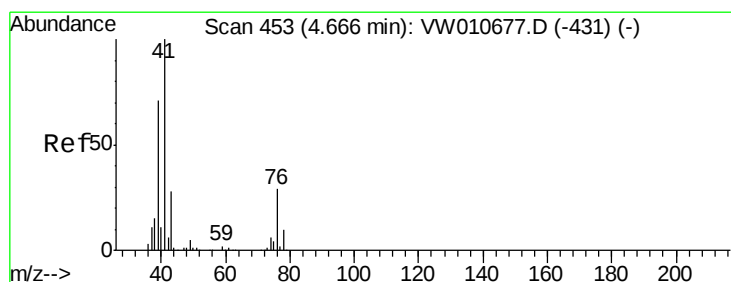
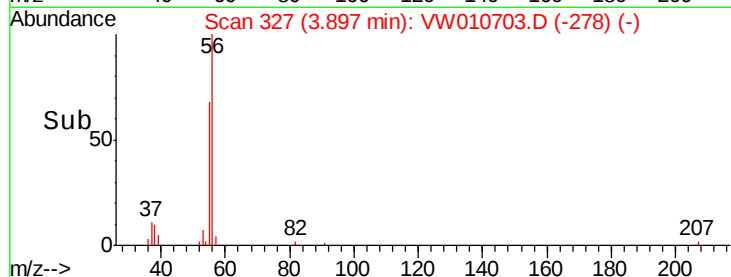
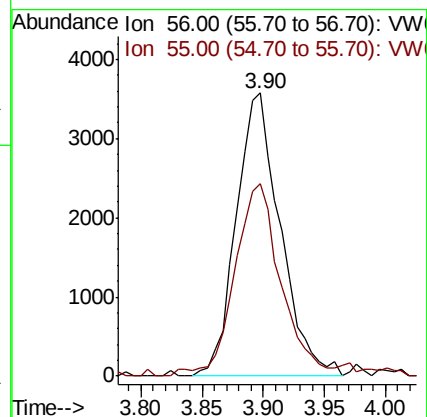
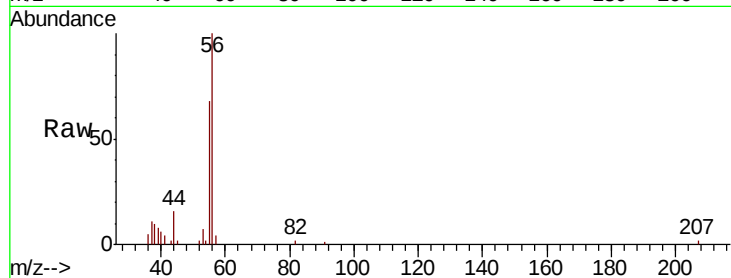
VW0606SBS01

Tot Ion: 56 Resp: 8950

Ion Ratio Lower Upper

56 100

55 70.9 57.6 86.4



#14

Allyl chloride

Concen: 19.996 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

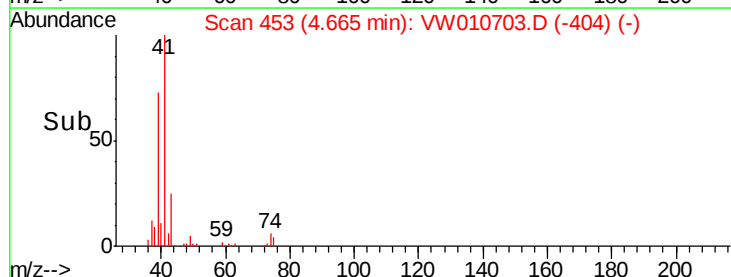
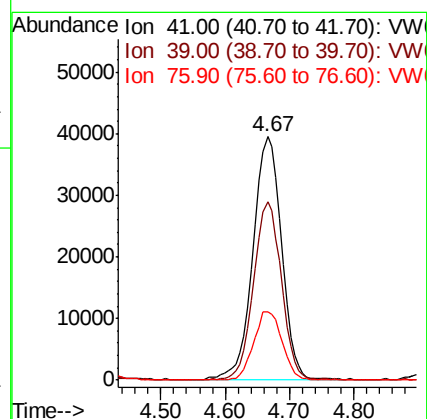
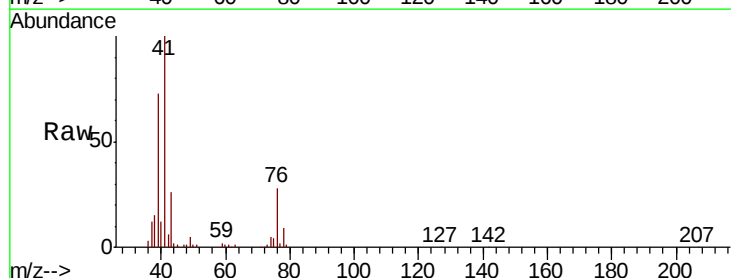
Tgt Ion: 41 Resp: 119685

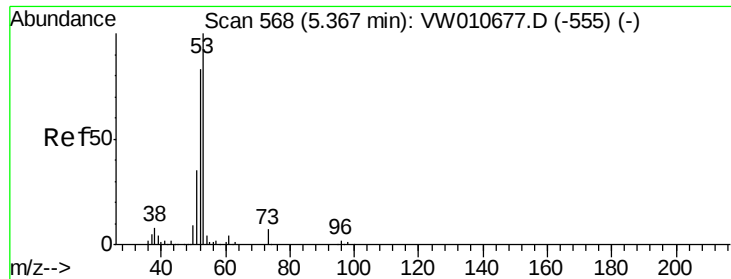
Ion Ratio Lower Upper

41 100

39 71.8 55.8 83.6

76 28.0 22.7 34.1





#15

Acrylonitrile

Concen: 82.333 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleID :

VW0606SBS01

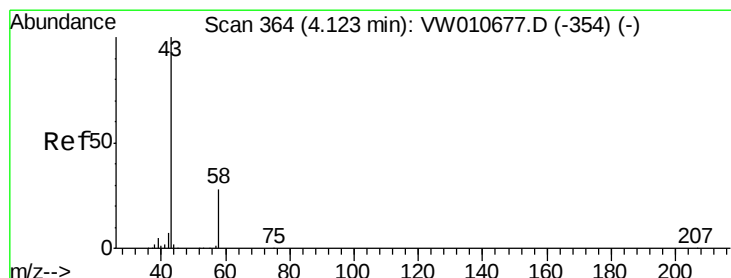
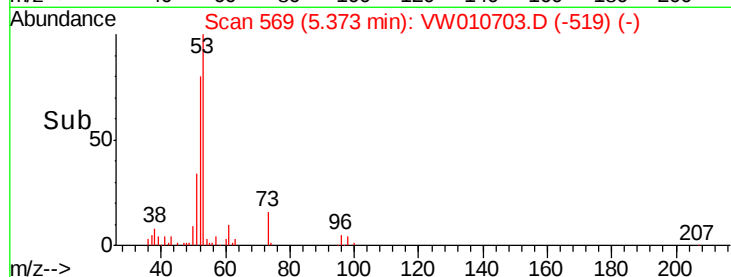
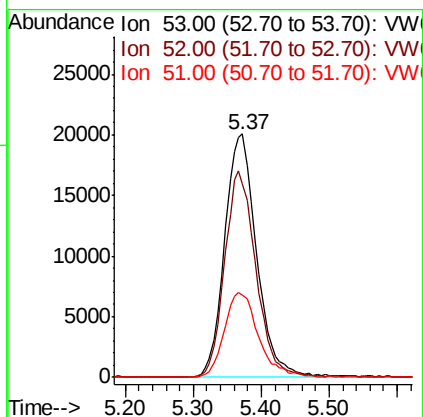
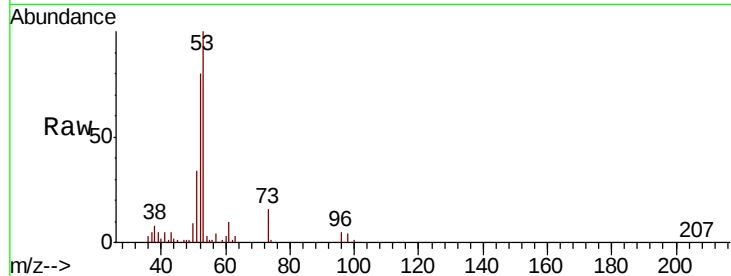
Tot Ion: 53 Resp: 65426

Ion Ratio Lower Upper

53 100

52 83.1 66.6 100.0

51 37.5 29.8 44.8



#16

Acetone

Concen: 81.104 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010703.D

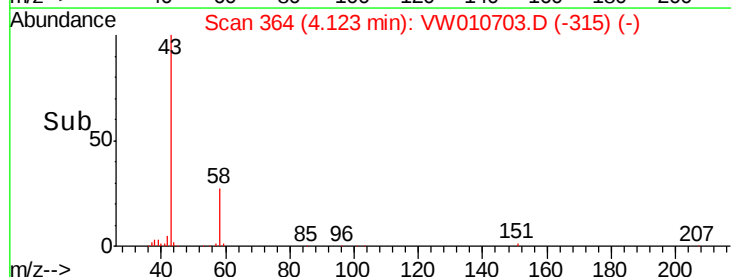
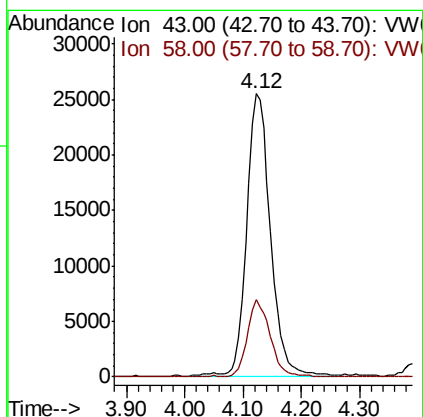
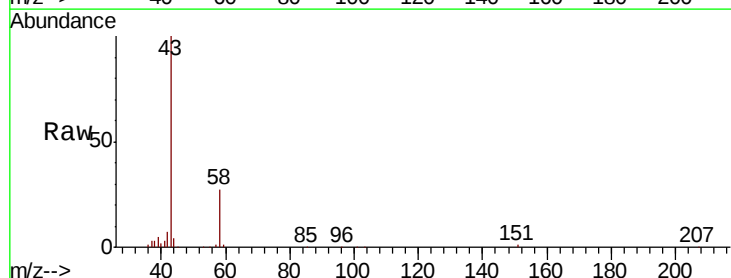
Acq: 06 Jun 2019 12:10

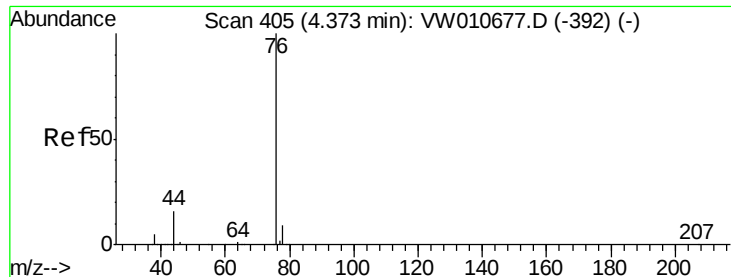
Tgt Ion: 43 Resp: 71900

Ion Ratio Lower Upper

43 100

58 26.9 22.1 33.1





#17

Carbon Disulfide

Concen: 19.253 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

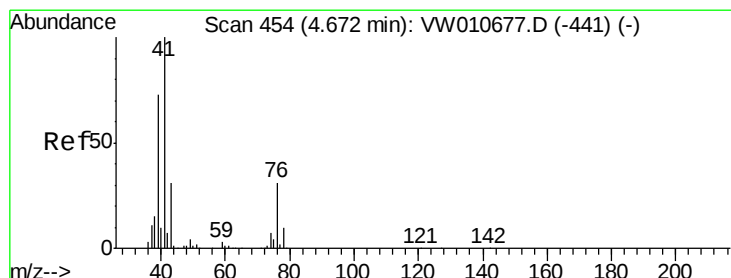
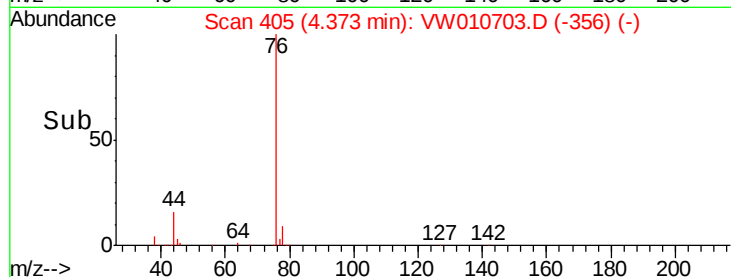
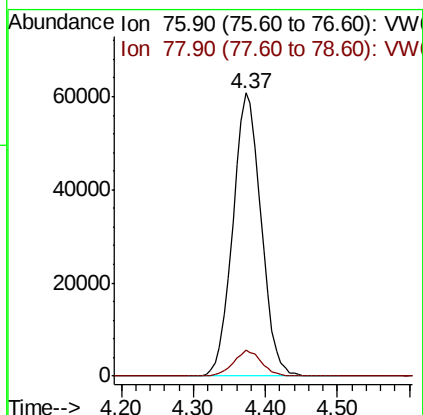
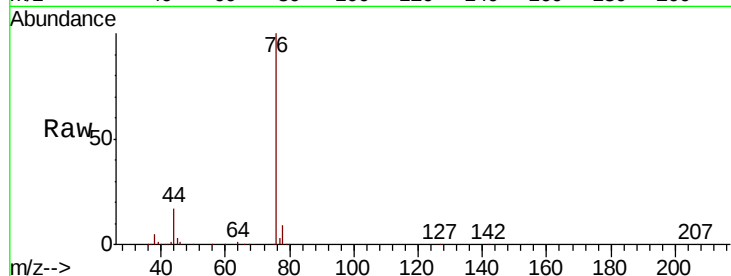
VW0606SBS01

Tot Ion: 76 Resp: 165904

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



#18

Methyl Acetate

Concen: 17.492 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010703.D

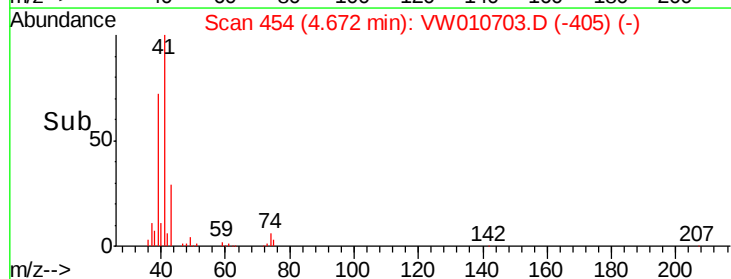
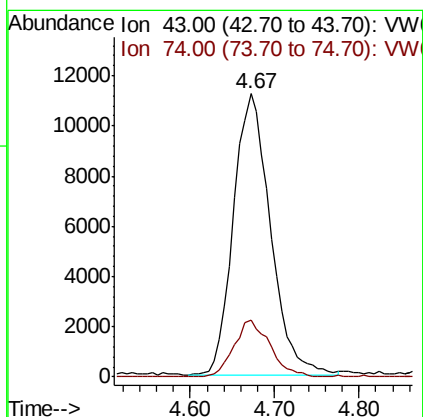
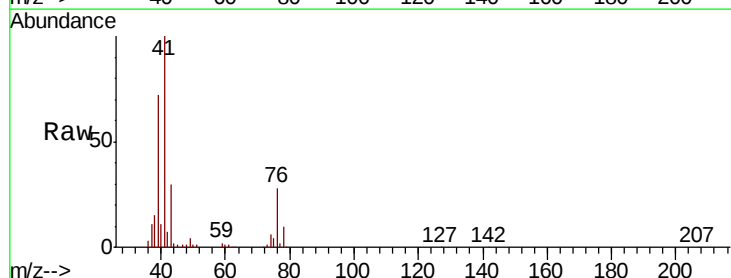
Acq: 06 Jun 2019 12:10

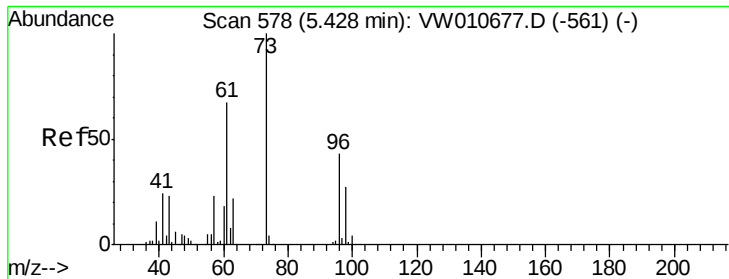
Tgt Ion: 43 Resp: 33381

Ion Ratio Lower Upper

43 100

74 19.4 16.7 25.1

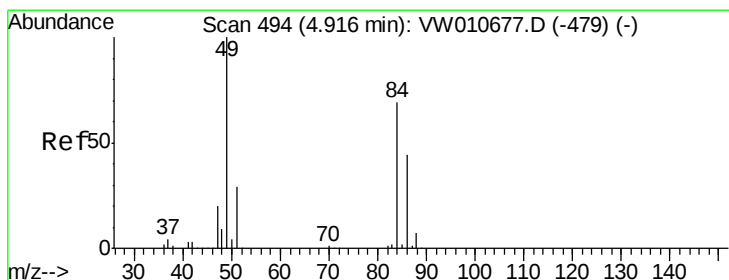
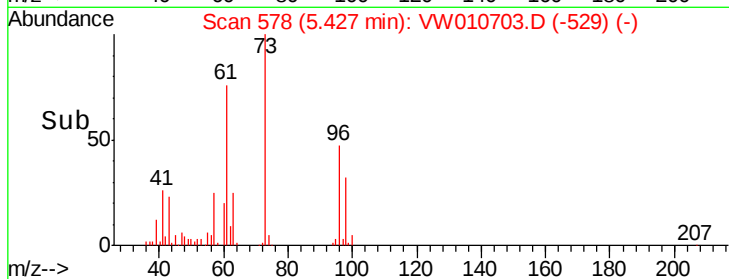
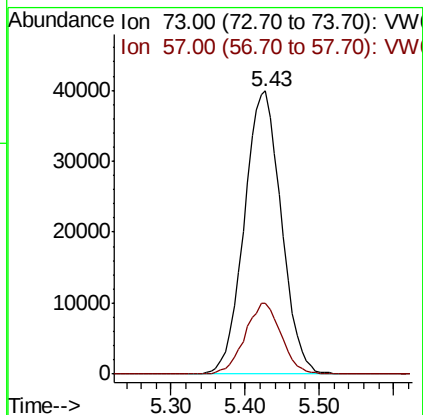
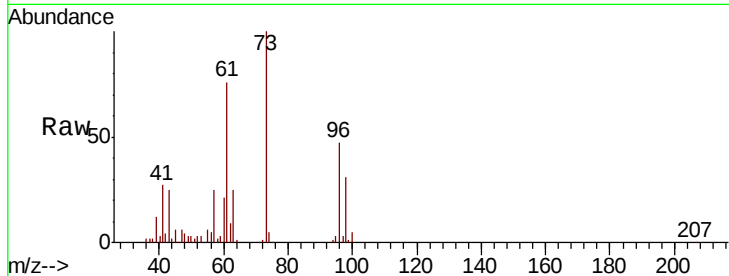




#19
Methvl tert-butvl Ether
Concen: 17.763 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

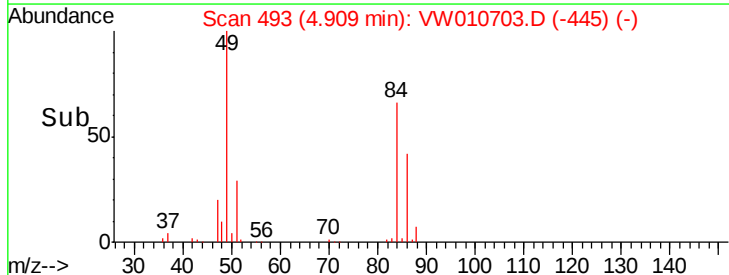
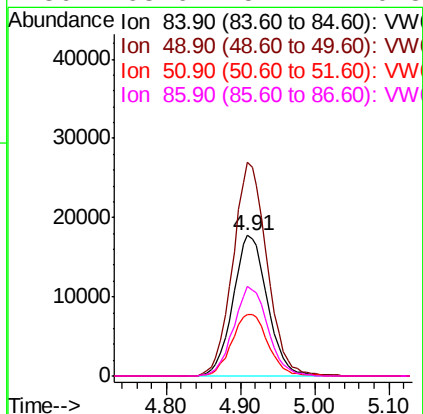
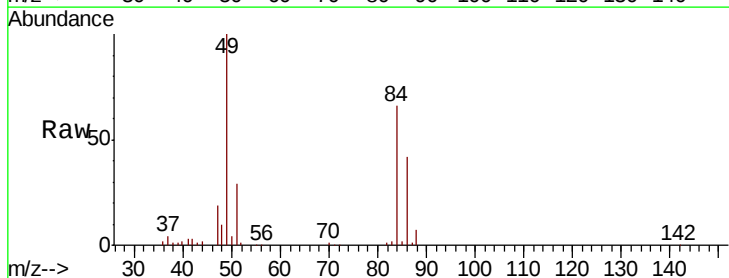
Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

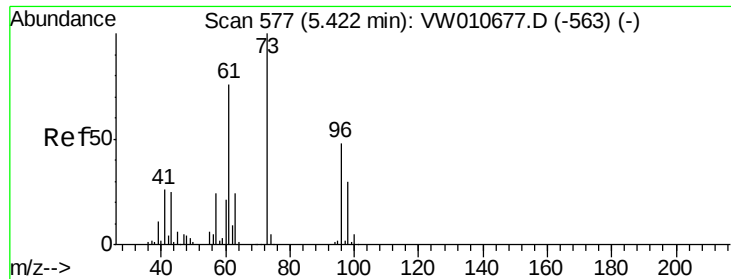
Tot Ion: 73 Resp: 139073
Ion Ratio Lower Upper
73 100
57 24.9 18.6 27.8



#20
Methylene Chloride
Concen: 18.455 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion: 84 Resp: 57394
Ion Ratio Lower Upper
84 100
49 152.0 116.7 175.1
51 44.2 34.2 51.2
86 63.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.743 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

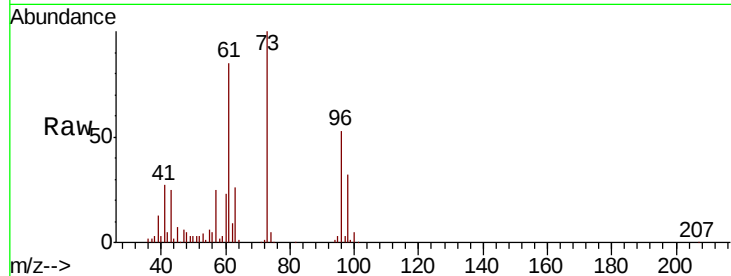
Tot Ion: 96 Resp: 60841

Ion Ratio Lower Upper

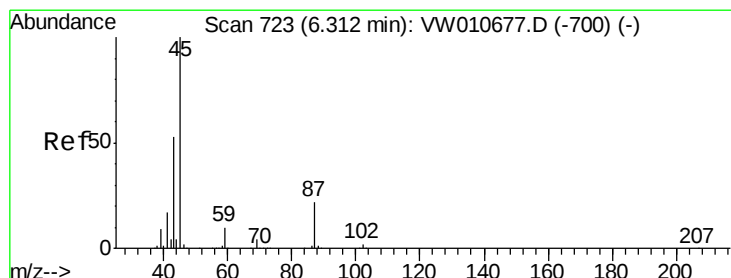
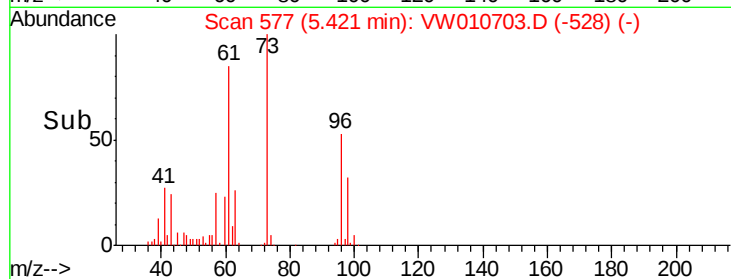
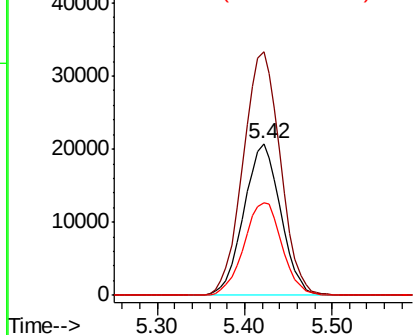
96 100

61 160.4 126.0 189.0

98 60.9 49.6 74.4



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



#22

Diisopropyl ether

Concen: 19.314 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Tgt Ion: 45 Resp: 231435

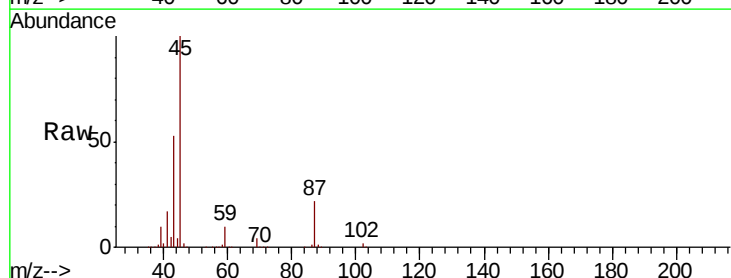
Ion Ratio Lower Upper

45 100

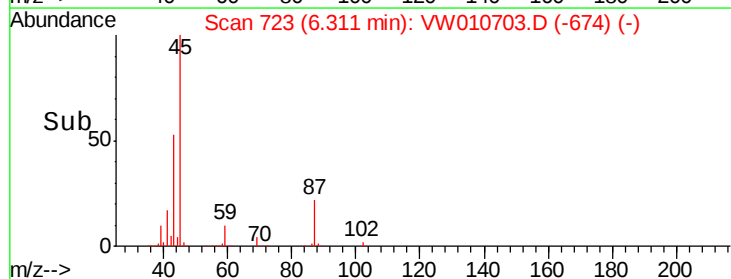
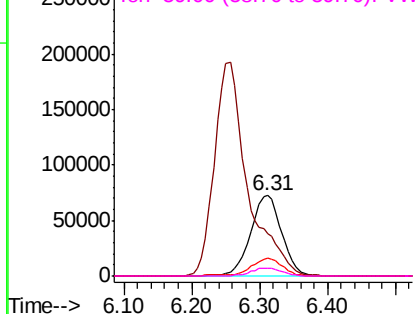
43 52.8 42.5 63.7

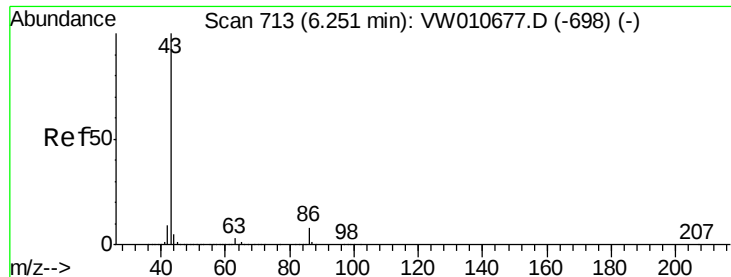
87 22.0 17.4 26.2

59 10.0 8.1 12.1



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 90.326 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

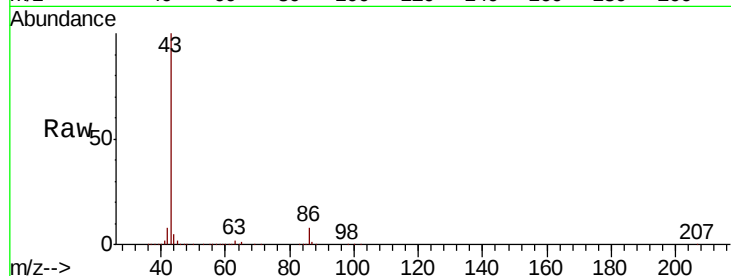
VW0606SBS01

Tot Ion: 43 Resp: 653207

Ion Ratio Lower Upper

43 100

86 8.1 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

150000

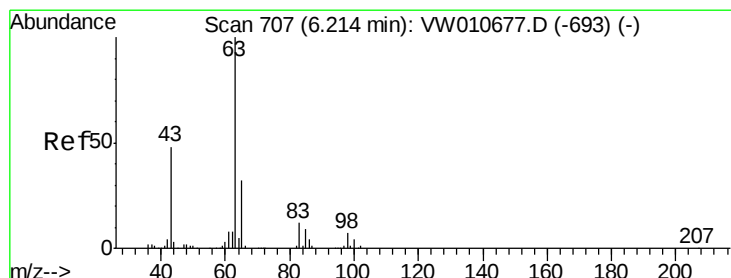
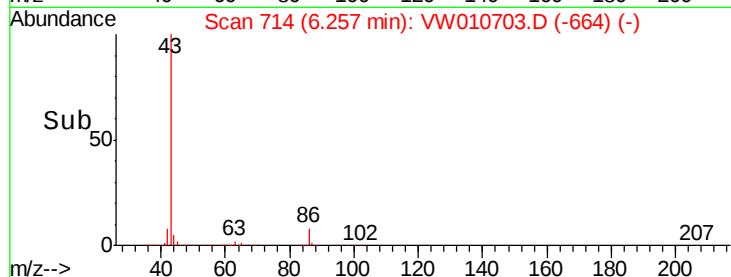
100000

50000

0

6.10 6.20 6.30 6.40 6.50

Time-->



#24

1,1-Dichloroethane

Concen: 19.922 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

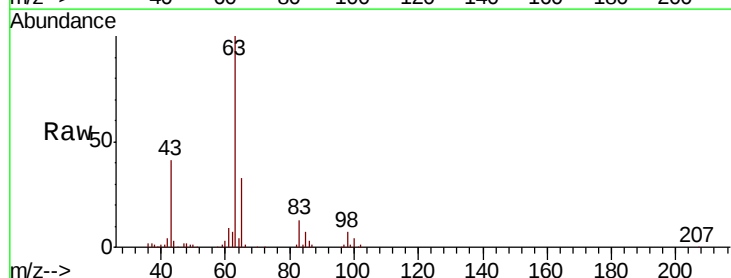
Tgt Ion: 63 Resp: 119638

Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.2

100 3.6 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

6.21

50000

40000

30000

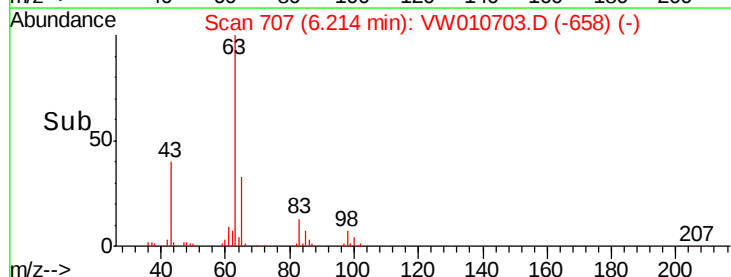
20000

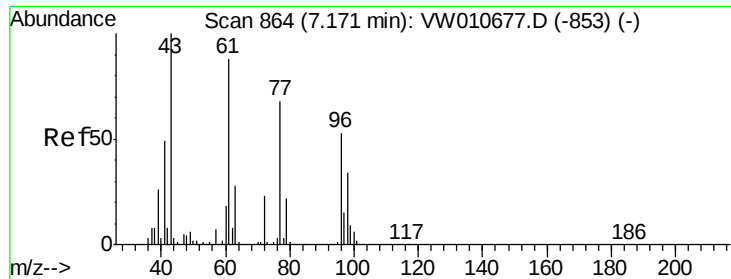
10000

0

6.10 6.20 6.30

Time-->

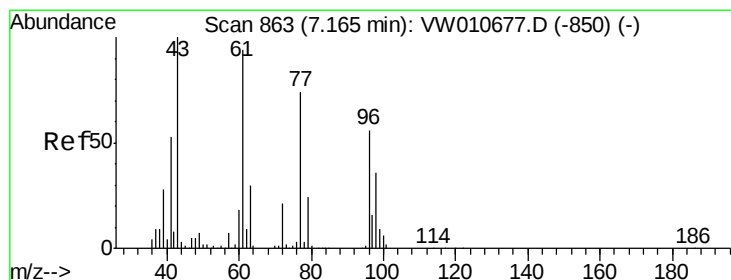
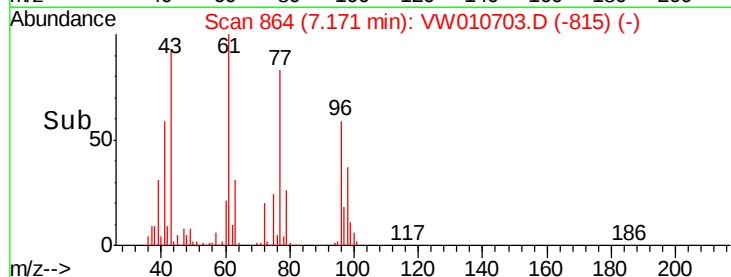
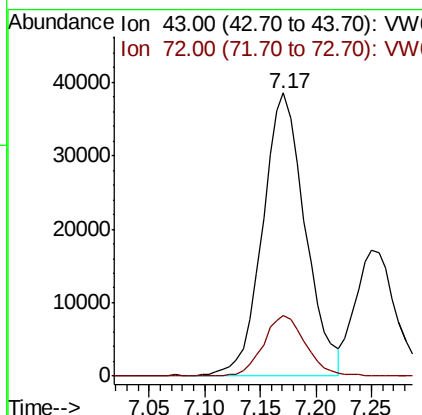
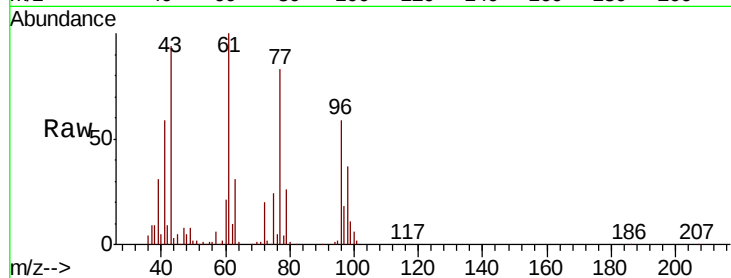




#25
2-Butanone
Concen: 83.244 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

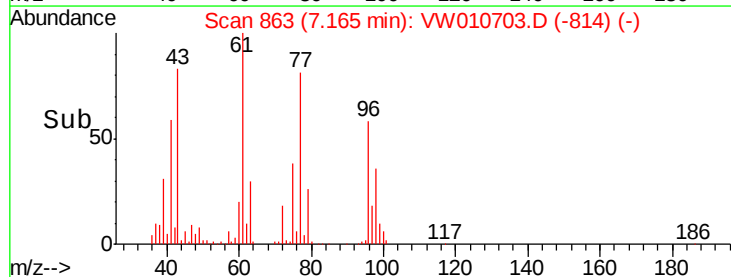
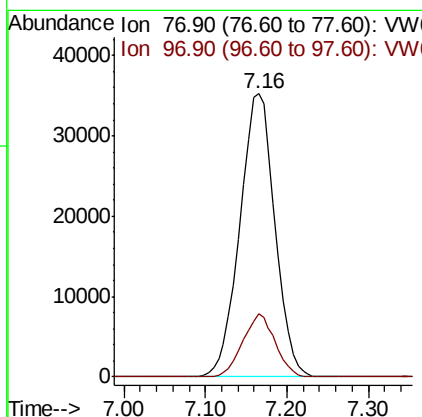
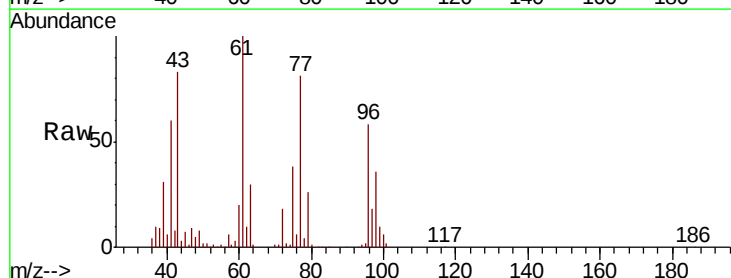
Instrument :
MSVOA_W
ClientSampled :
VW0606SBS01

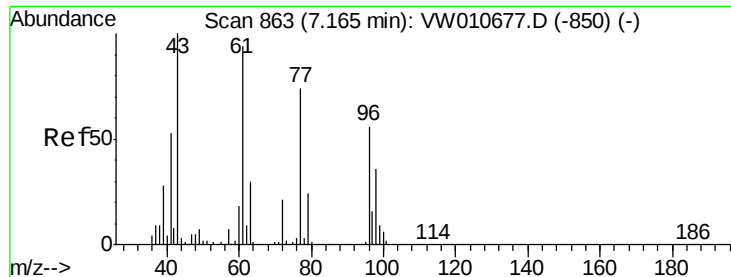
Tot Ion: 43 Resp: 102329
Ion Ratio Lower Upper
43 100
72 21.5 18.1 27.1



#26
2,2-Dichloropropane
Concen: 21.553 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion: 77 Resp: 105323
Ion Ratio Lower Upper
77 100
97 20.6 10.5 31.6



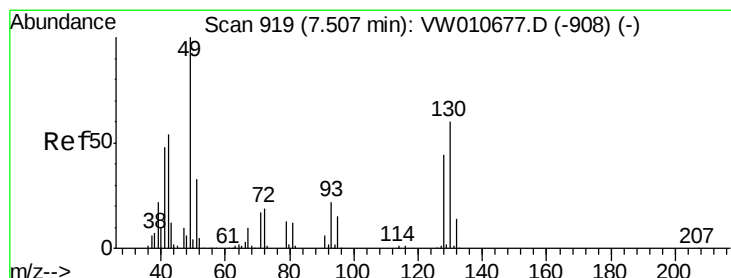
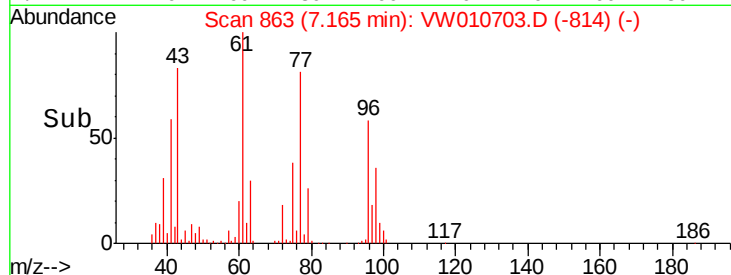
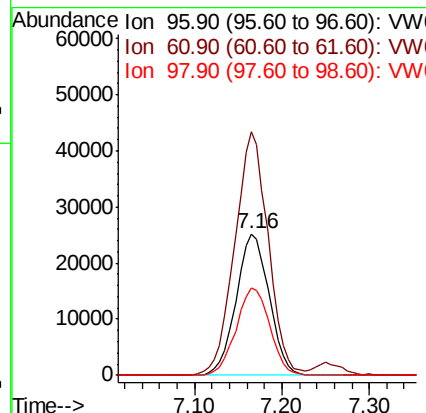
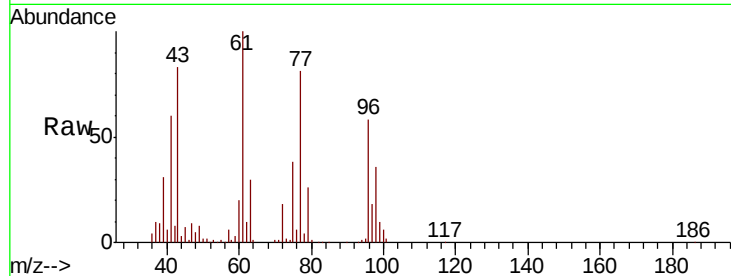


#27

cis-1,2-Dichloroethene
Concen: 19.464 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

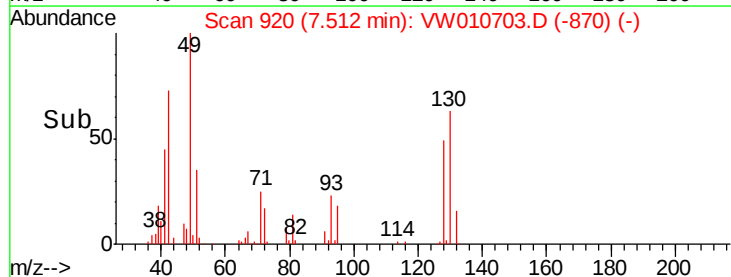
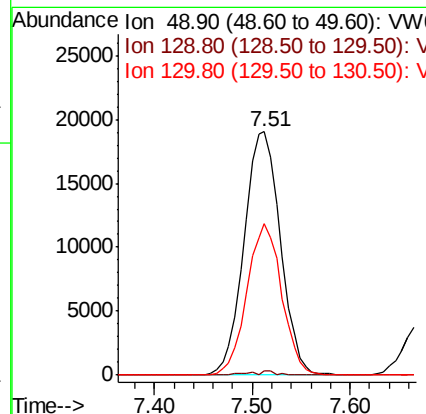
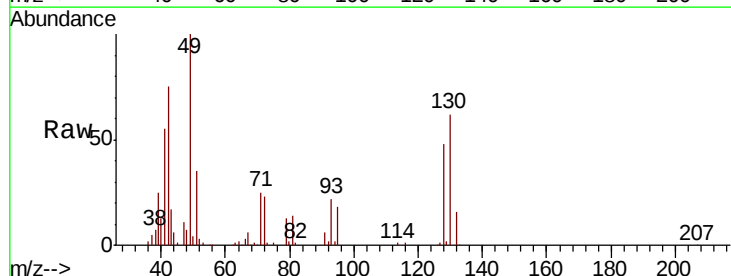
Tot Ion	96	Resp	66009
Ion	Ratio	Lower	Upper
96	100		
61	174.7	0.0	336.4
98	63.1	0.0	128.0

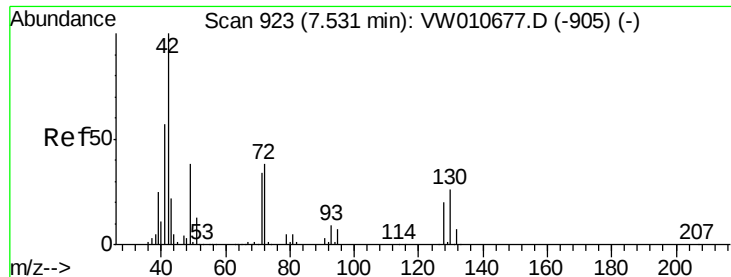


#28

Bromochloromethane
Concen: 18.309 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion	49	Resp	49067
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.2
130	59.4	48.3	72.5

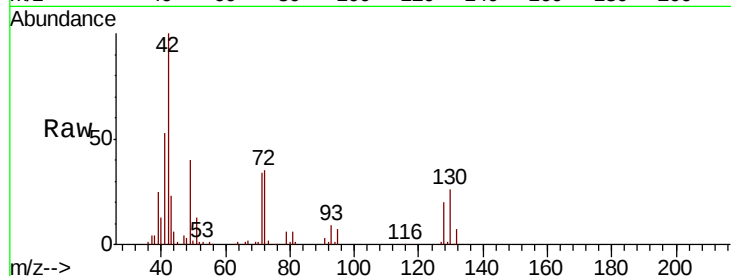




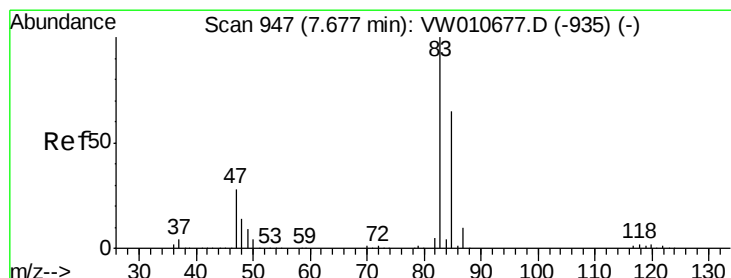
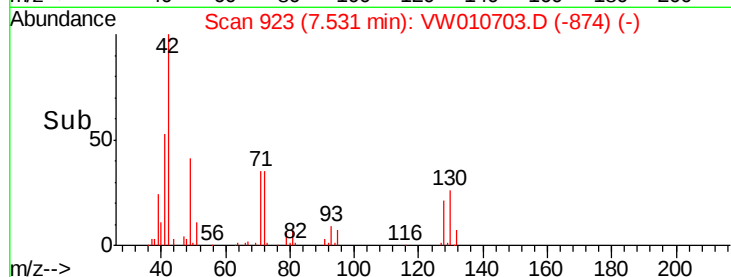
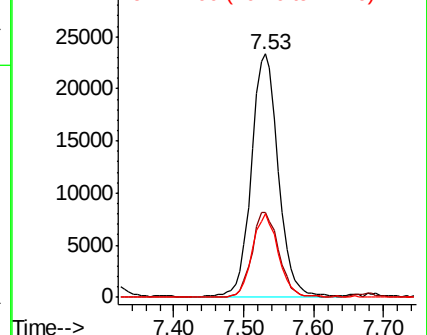
#29
Tetrahydrofuran
Concen: 80.417 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion: 42 Resp: 62179
Ion Ratio Lower Upper
42 100
72 34.8 28.7 43.1
71 33.3 26.6 39.8

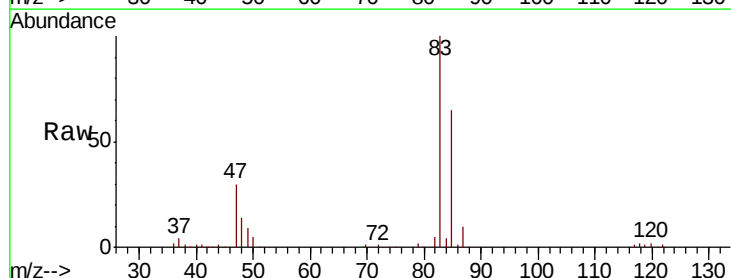


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

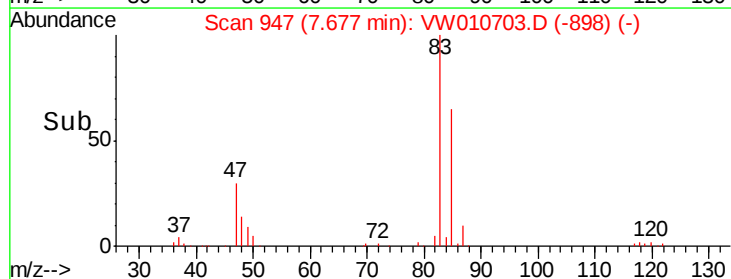
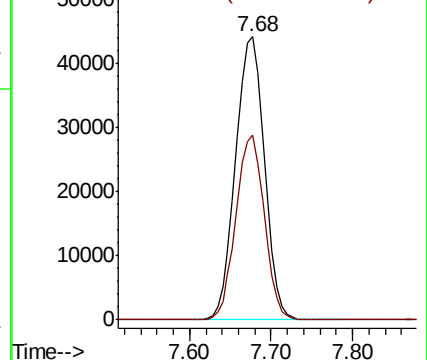


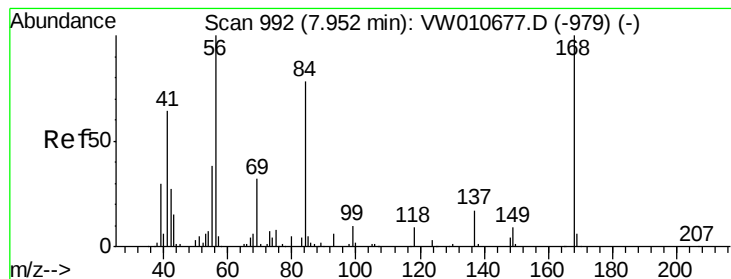
#30
Chloroform
Concen: 19.696 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion: 83 Resp: 108184
Ion Ratio Lower Upper
83 100
85 65.4 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: 19.527 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

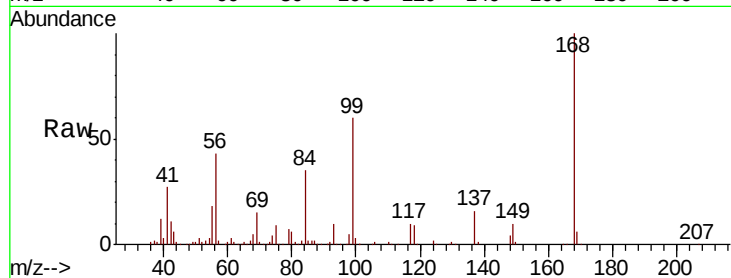
Tot Ion: 56 Resp: 130351

Ion Ratio Lower Upper

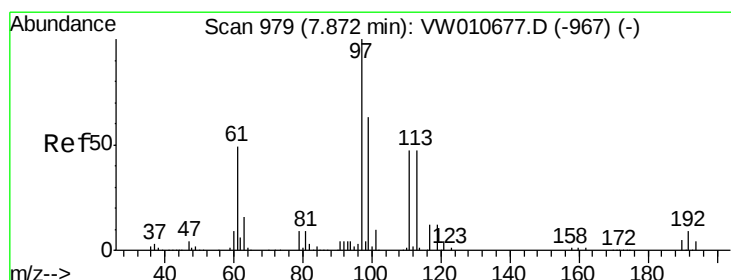
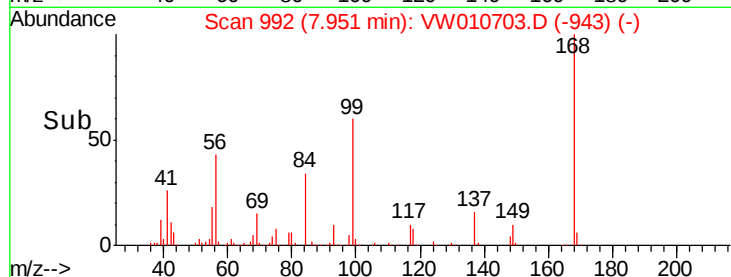
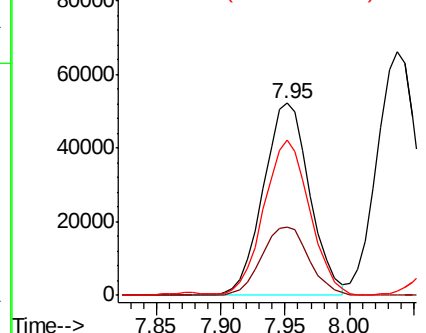
56 100

69 35.3 25.2 37.8

84 79.7 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: 20.366 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

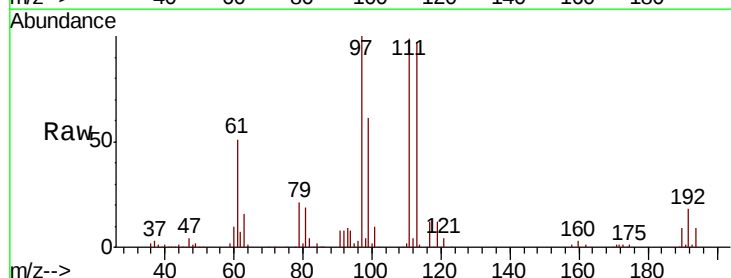
Tgt Ion: 97 Resp: 97719

Ion Ratio Lower Upper

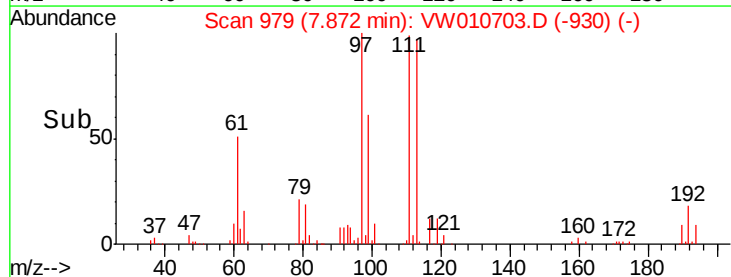
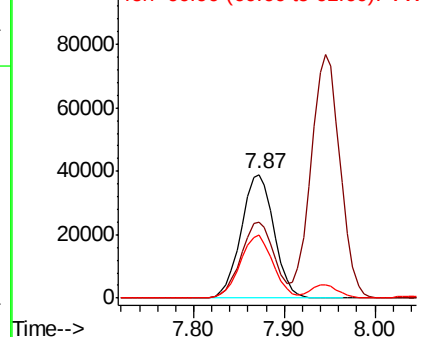
97 100

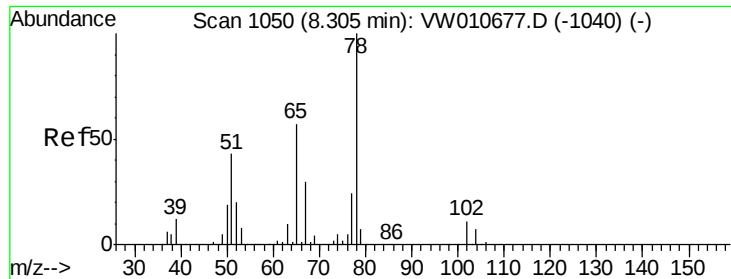
99 61.7 51.3 76.9

61 50.9 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

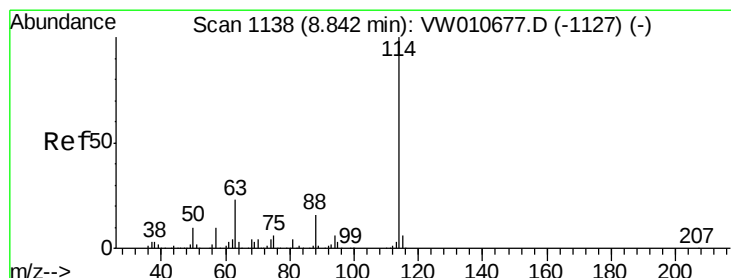
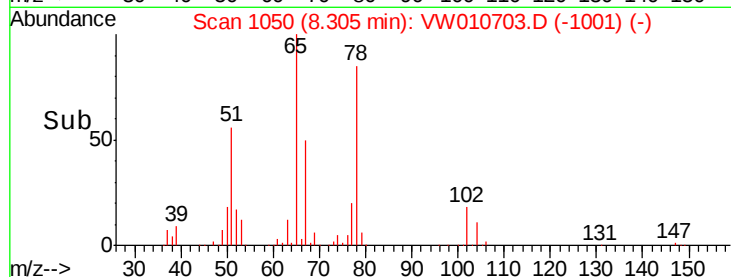
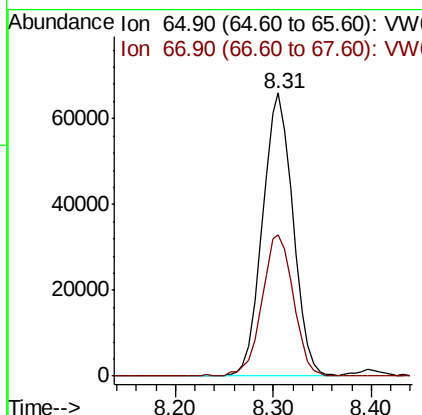
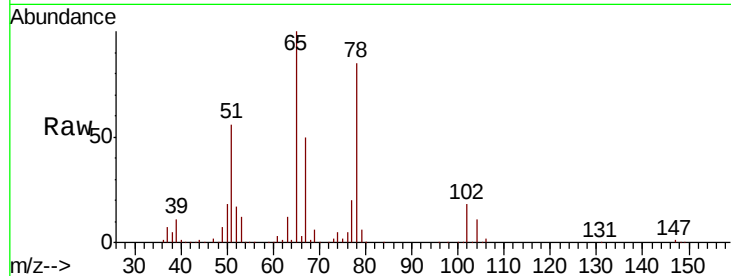




#33
 1,2-Dichloroethane-d4
 Concen: 43.215 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

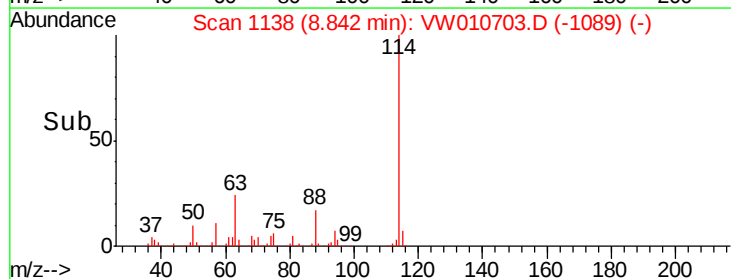
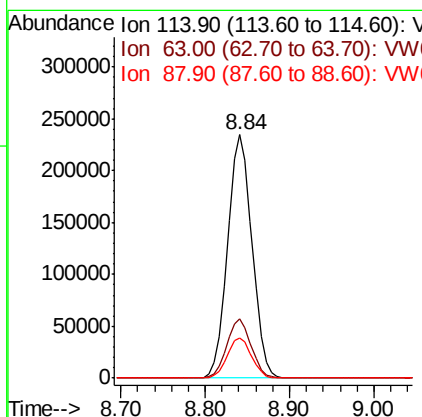
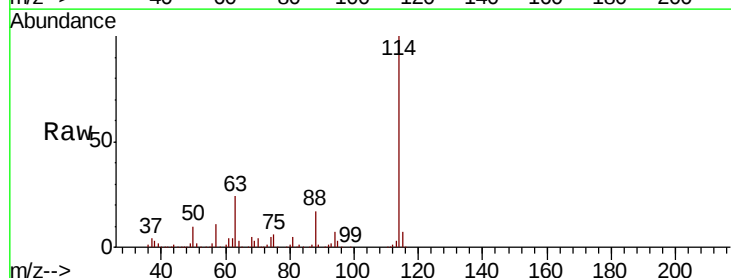
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

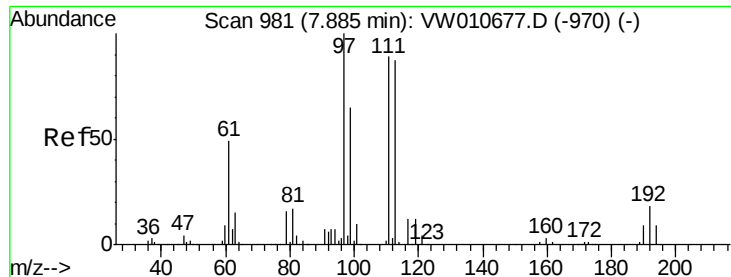
Tot Ion: 65 Resp: 142977
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Tgt Ion: 114 Resp: 461385
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 46.4
 88 16.5 0.0 32.2

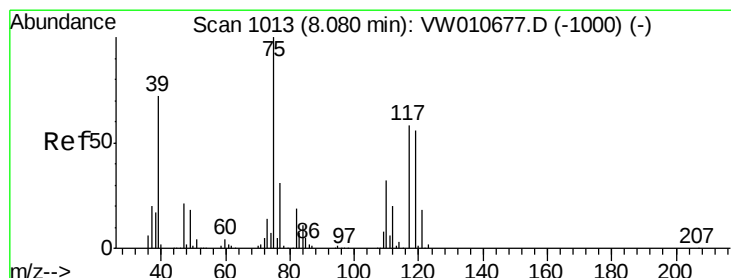
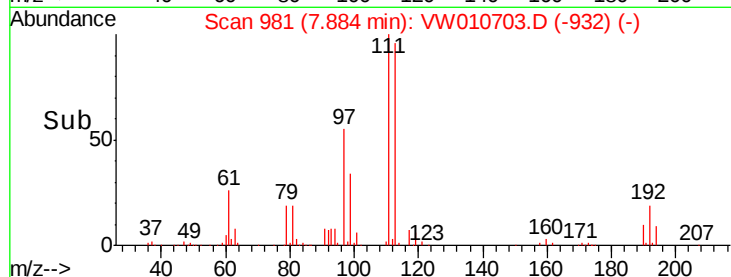
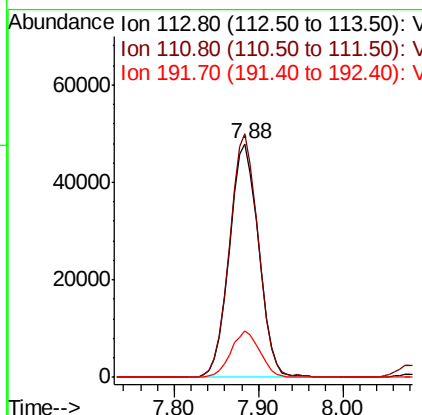
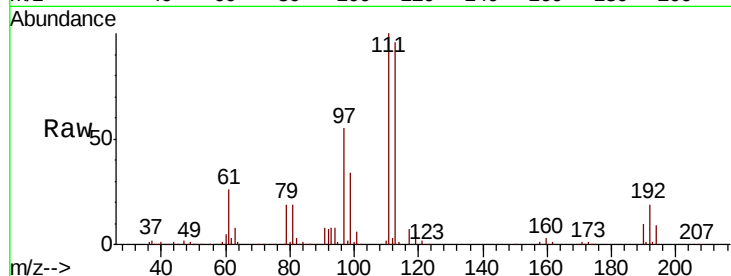




#35
Dibromofluoromethane
Concen: 45.053 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

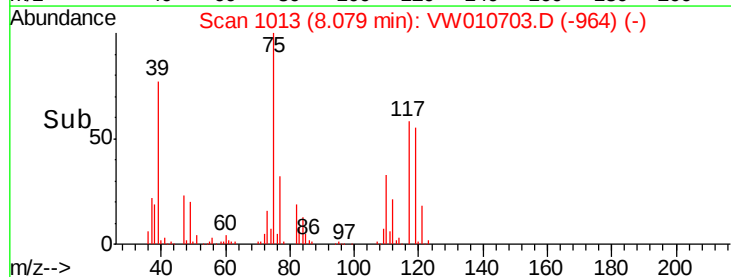
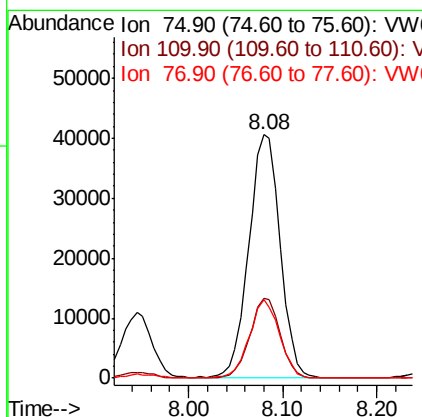
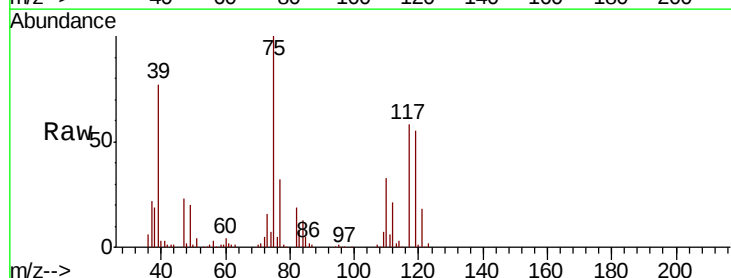
Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion:113 Resp: 112827
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 19.3 16.4 24.6



#36
1,1-Dichloropropene
Concen: 20.019 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion: 75 Resp: 94545
Ion Ratio Lower Upper
75 100
110 31.6 15.8 47.3
77 31.2 24.7 37.1

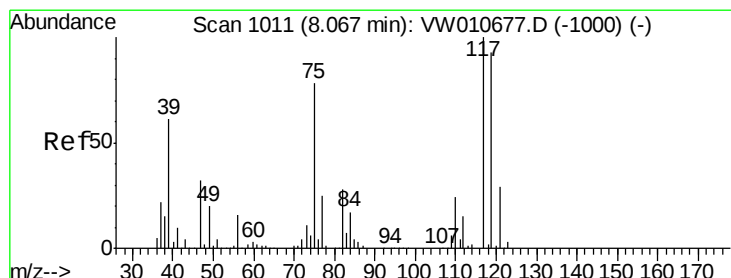
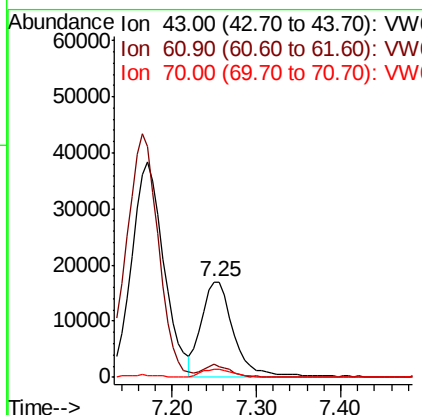
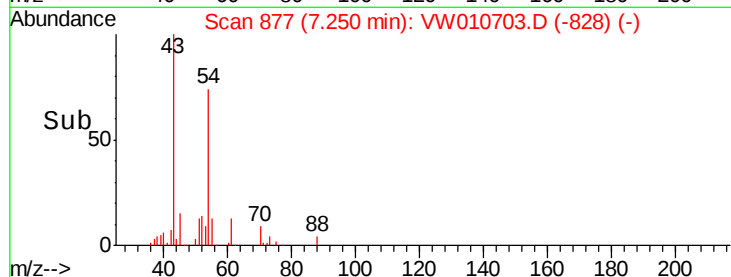
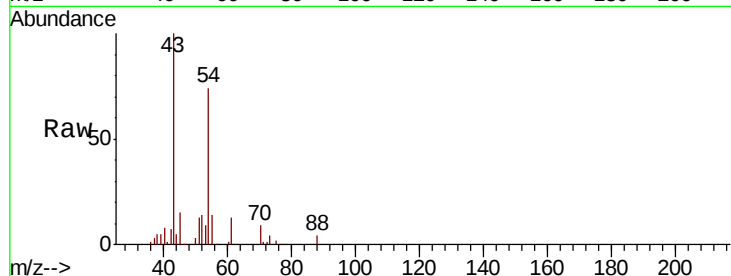




#37
Ethyl Acetate
Concen: 16.969 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

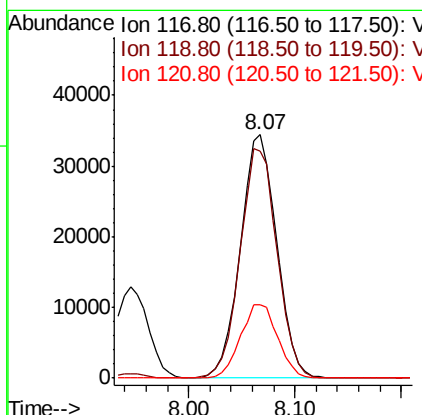
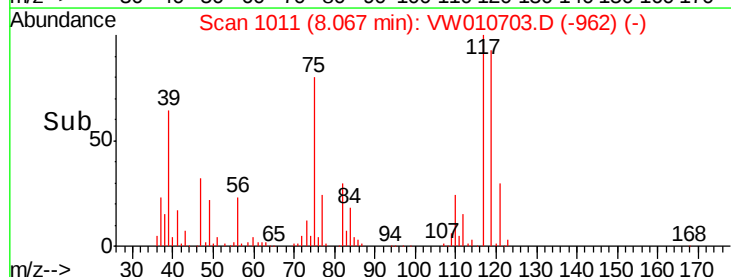
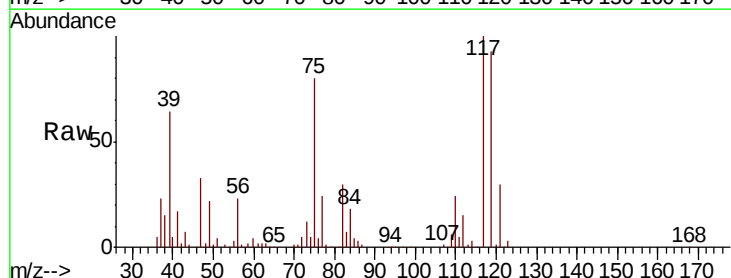
Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

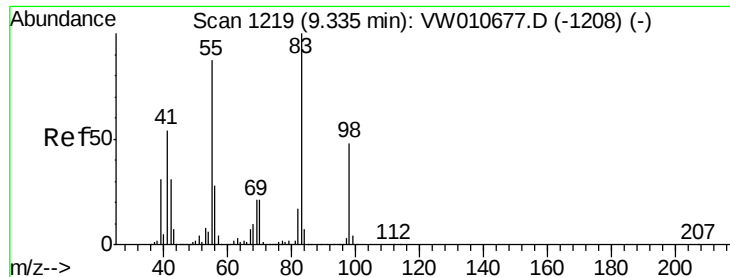
Tot Ion: 43 Resp: 44409
Ion Ratio Lower Upper
43 100
61 11.9 9.7 14.5
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 20.223 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion: 117 Resp: 82450
Ion Ratio Lower Upper
117 100
119 93.2 74.2 111.4
121 30.1 22.9 34.3

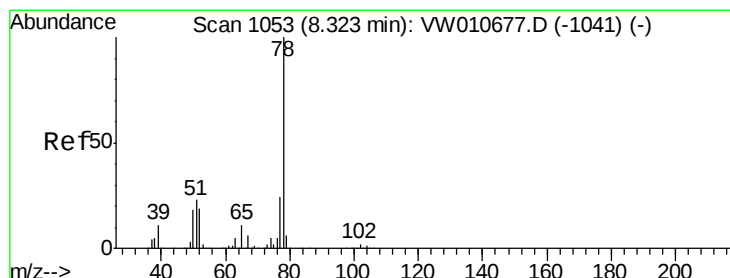
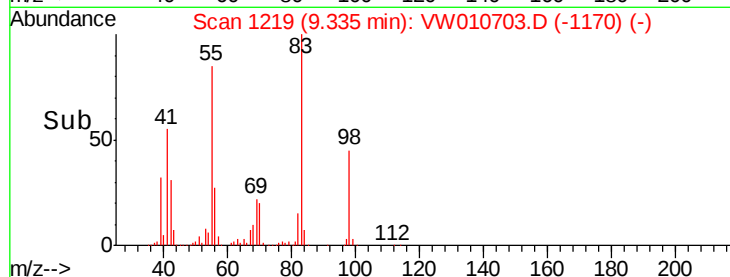
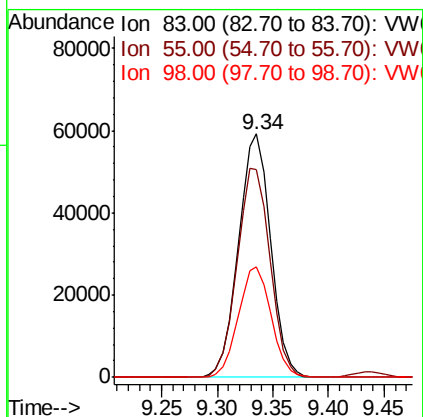
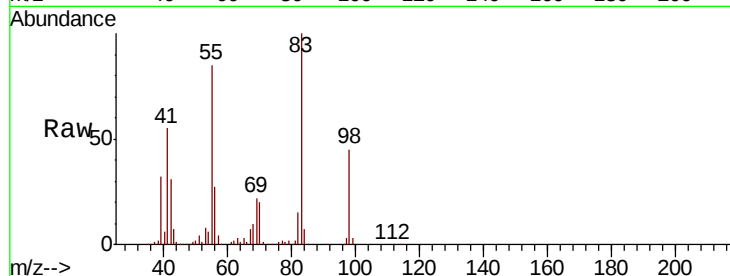




#39
Methvlcvclohexane
Concen: 19.761 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

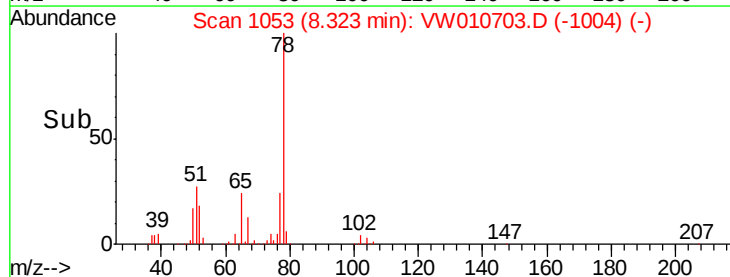
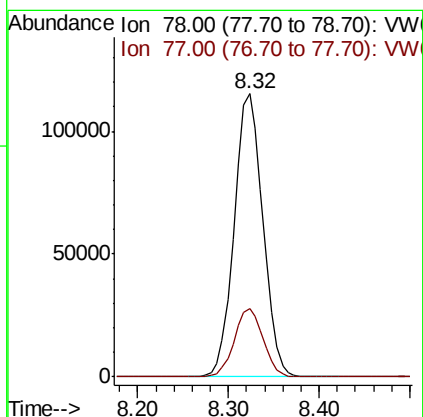
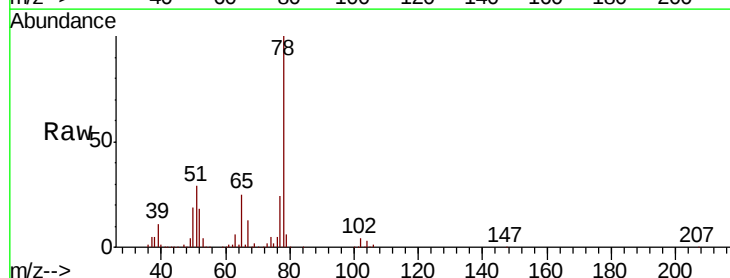
Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

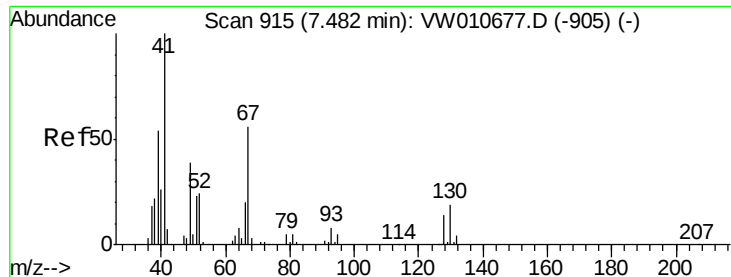
Tot Ion: 83 Resp: 118638
Ion Ratio Lower Upper
83 100
55 85.3 70.0 105.0
98 45.3 38.1 57.1



#40
Benzene
Concen: 19.715 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion: 78 Resp: 254007
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7

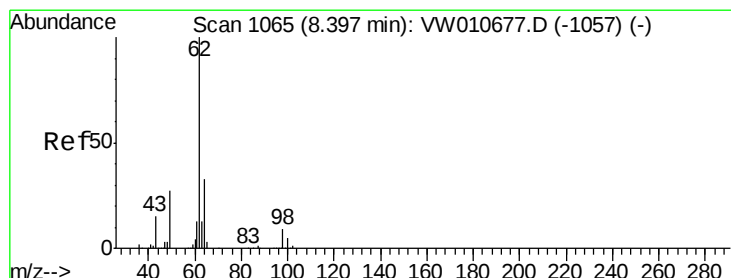
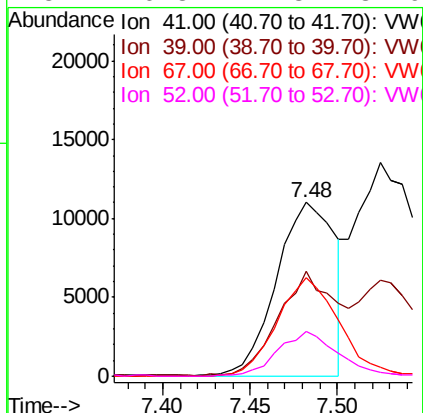
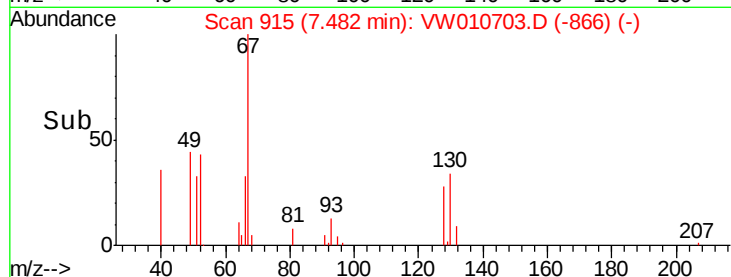
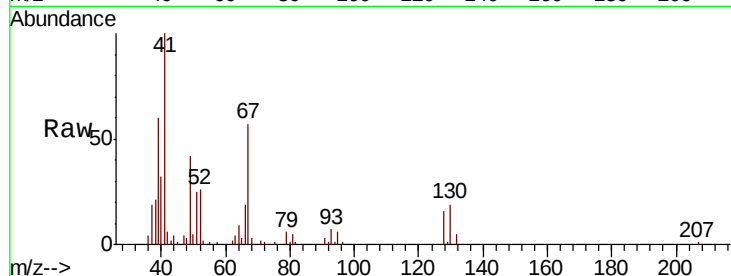




#41
Methacrylonitrile
Concen: 16.524 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

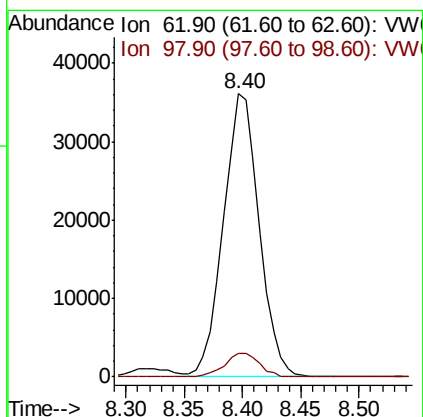
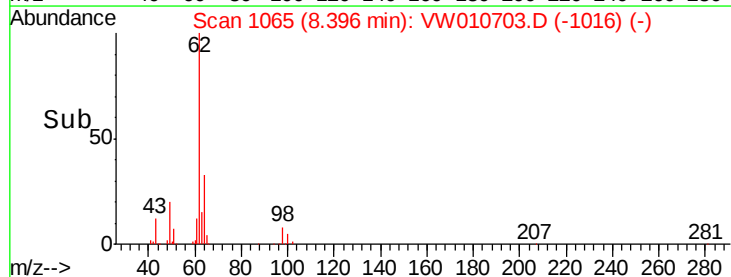
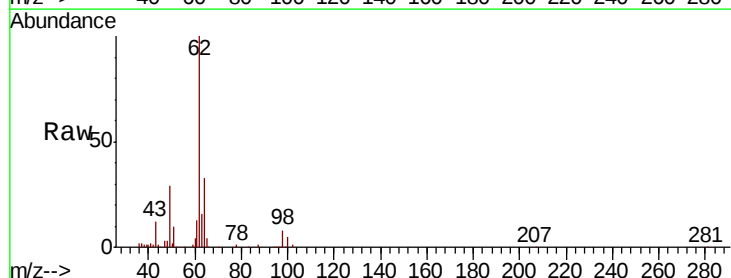
Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

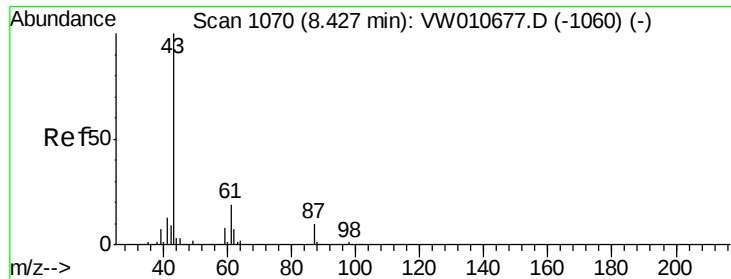
Tot Ion:	41	Resp:	25704
Ion	Ratio	Lower	Upper
41	100		
39	61.6	47.3	70.9
67	60.8	47.2	70.8
52	26.8	21.3	31.9



#42
1,2-Dichloroethane
Concen: 18.792 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion:	62	Resp:	76843
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 16.695 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

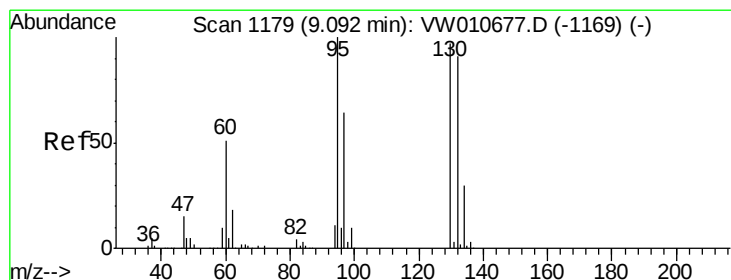
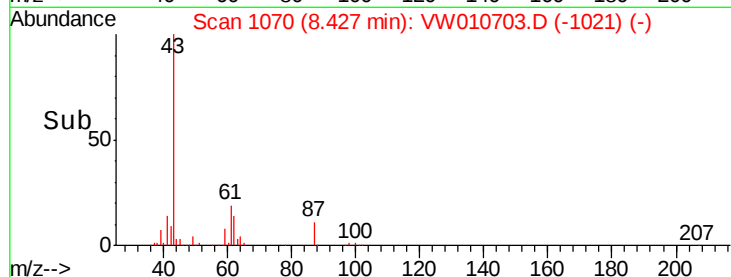
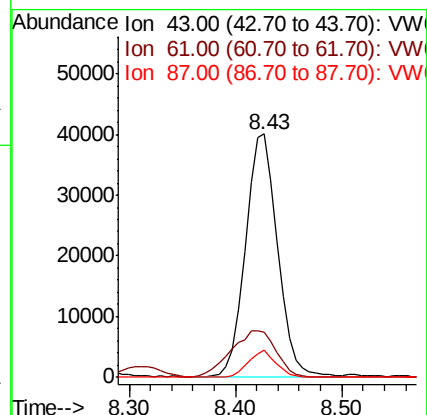
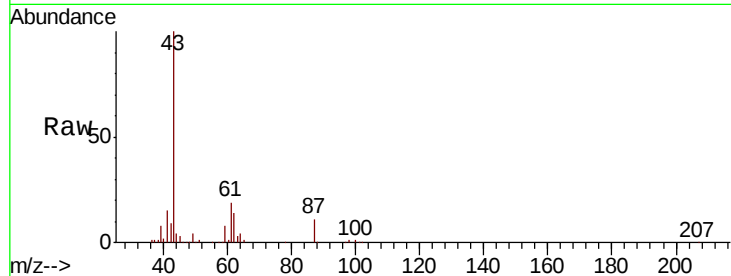
Tot Ion: 43 Resp: 84413

Ion Ratio Lower Upper

43 100

61 27.1 21.2 31.8

87 9.9 8.3 12.5



#44

Trichloroethene

Concen: 19.641 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010703.D

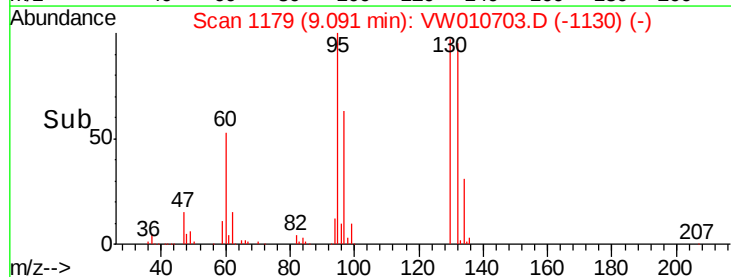
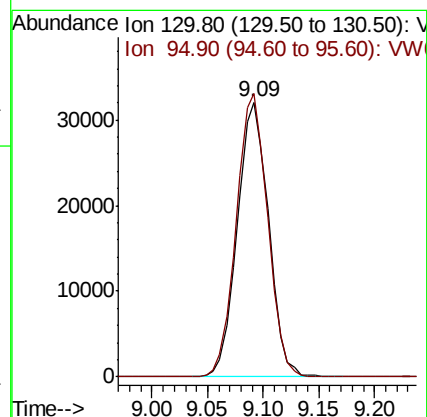
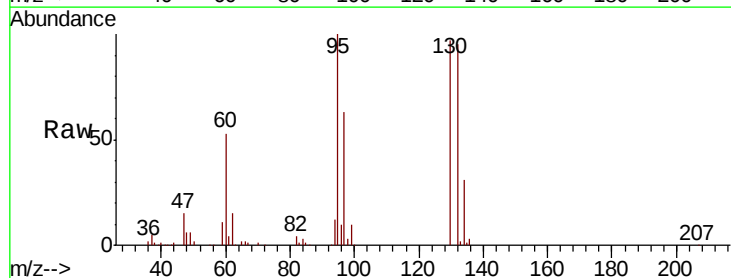
Acq: 06 Jun 2019 12:10

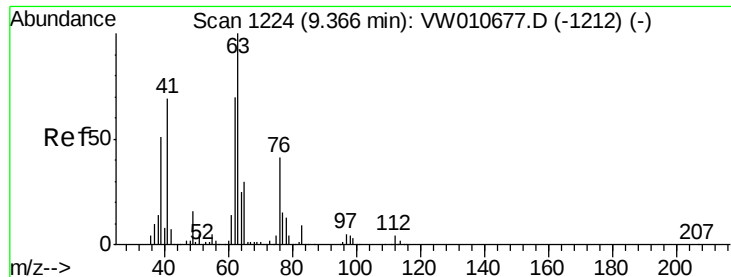
Tgt Ion: 130 Resp: 62424

Ion Ratio Lower Upper

130 100

95 103.0 0.0 207.0

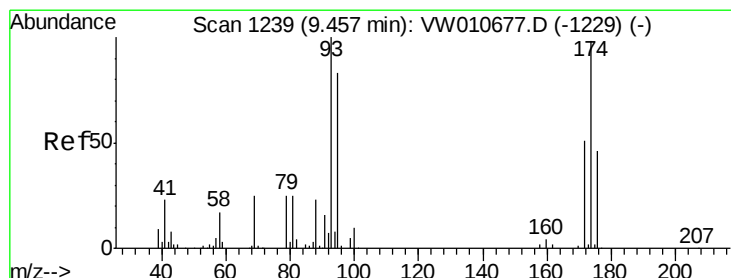
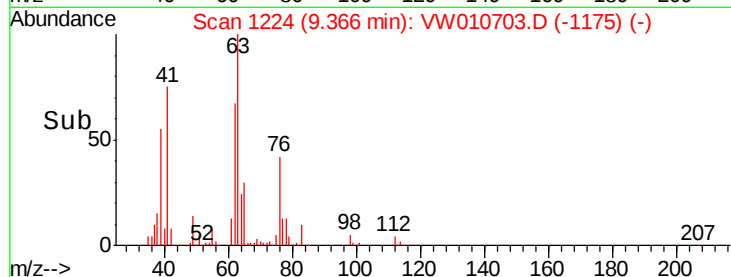
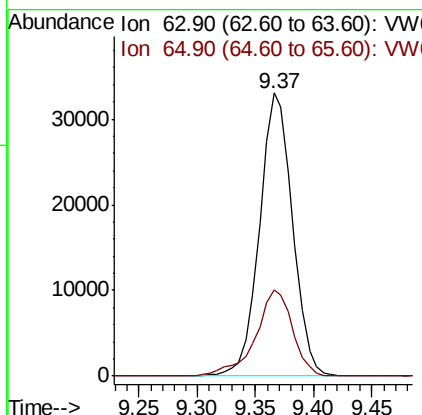
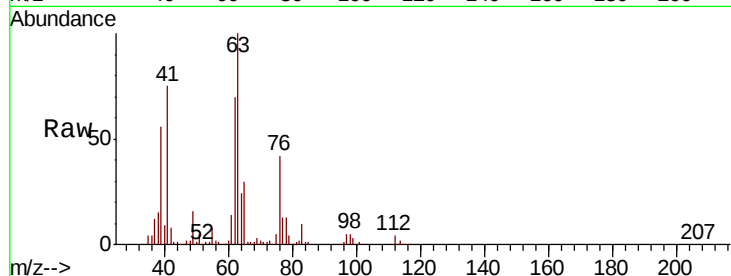




#45
 1,2-Dichloropropane
 Concen: 19.101 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

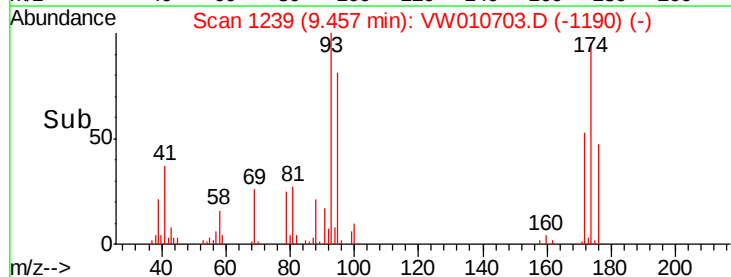
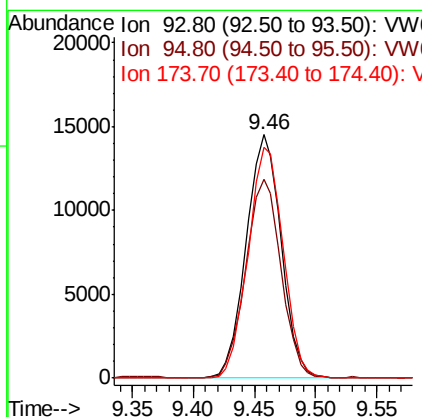
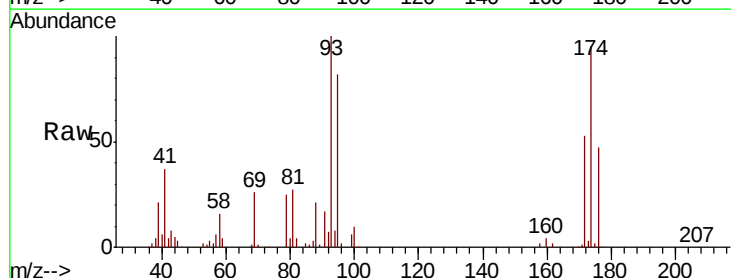
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

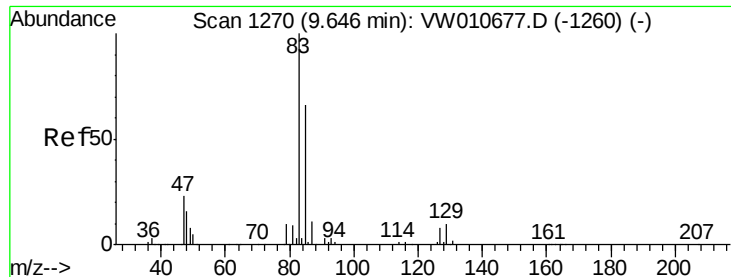
Tot Ion: 63 Resp: 65146
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.8 35.6



#46
 Dibromomethane
 Concen: 18.222 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Tgt Ion: 93 Resp: 28866
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.8 98.8
 174 95.3 77.4 116.0





#47

Bromodichloromethane

Concen: 19.137 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

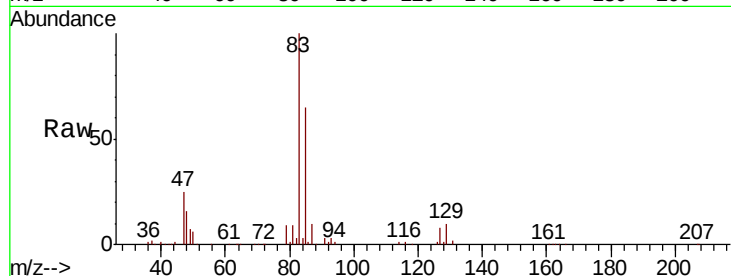
Tot Ion: 83 Resp: 78583

Ion Ratio Lower Upper

83 100

85 64.9 53.0 79.4

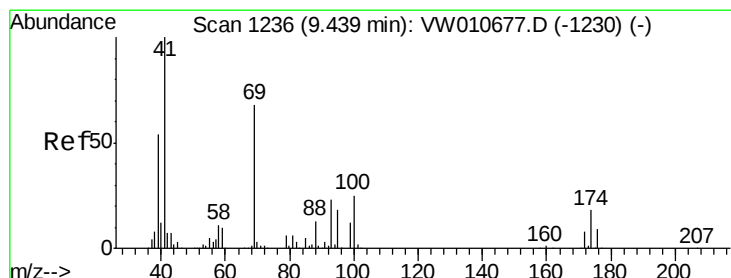
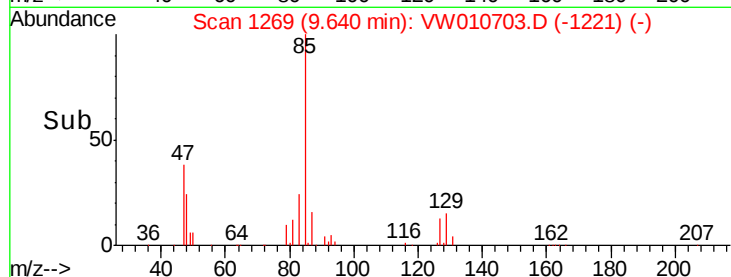
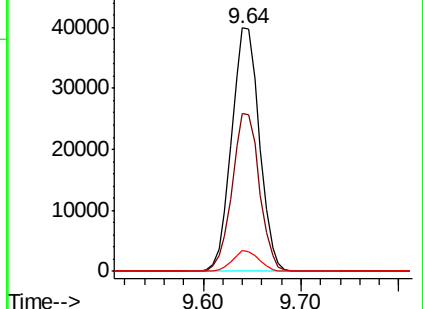
127 8.4 6.4 9.6



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: 16.552 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

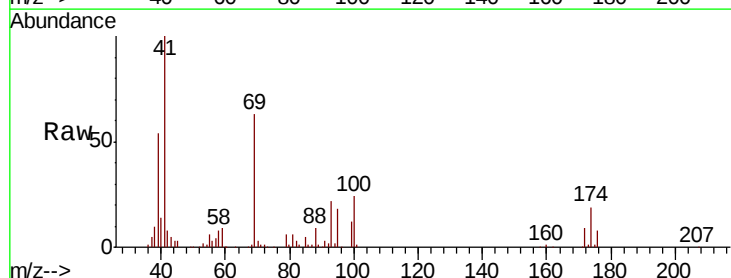
Tgt Ion: 41 Resp: 40350

Ion Ratio Lower Upper

41 100

69 70.7 56.6 85.0

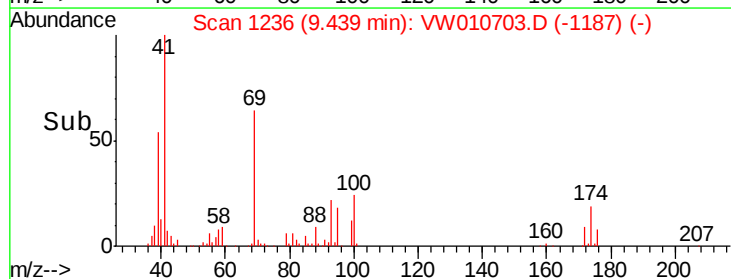
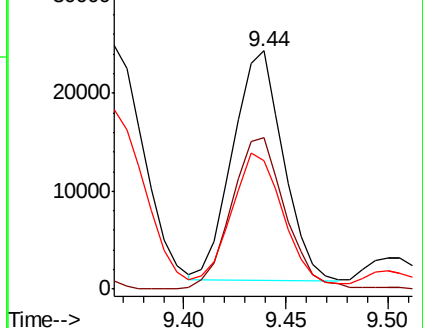
39 57.2 44.4 66.6

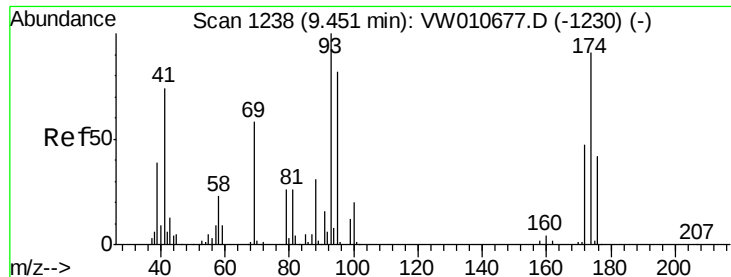


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 285.701 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

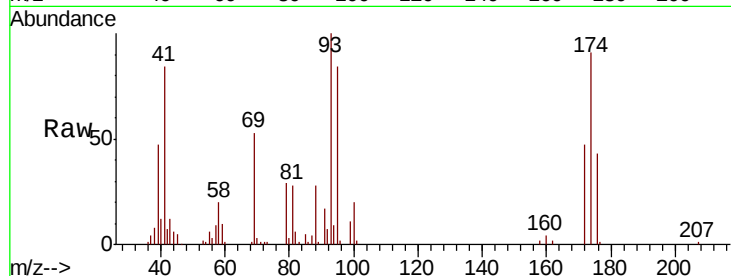
Tot Ion: 88 Resp: 7076

Ion Ratio Lower Upper

88 100

43 42.5 34.2 51.4

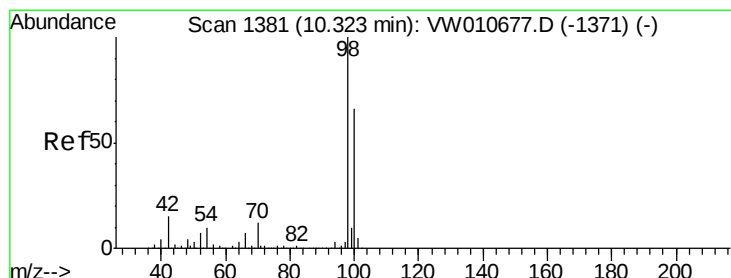
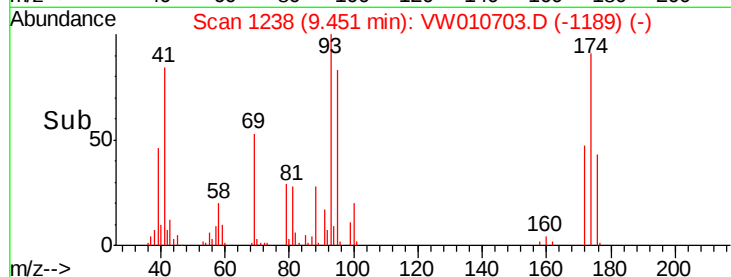
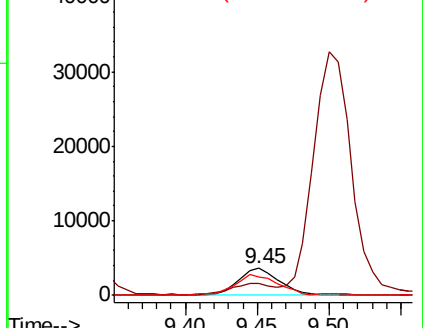
58 81.6 69.0 103.4



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: 44.005 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010703.D

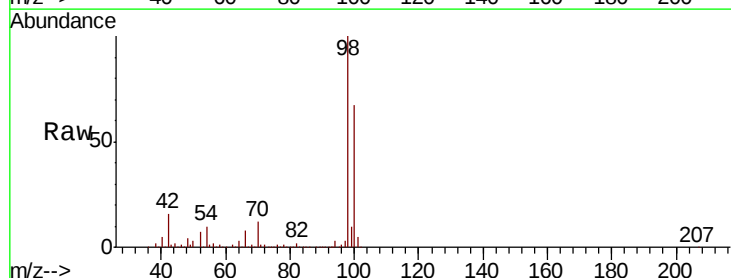
Acq: 06 Jun 2019 12:10

Tgt Ion: 98 Resp: 483250

Ion Ratio Lower Upper

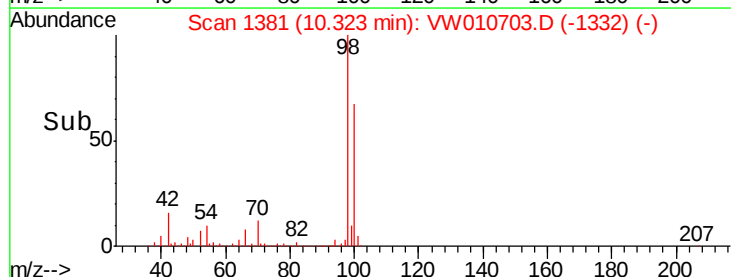
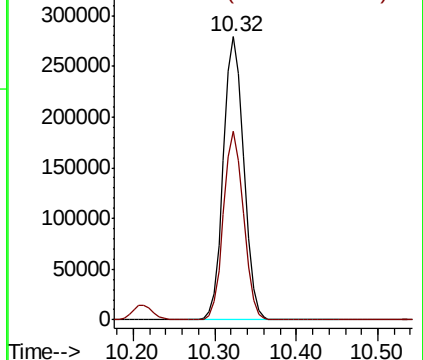
98 100

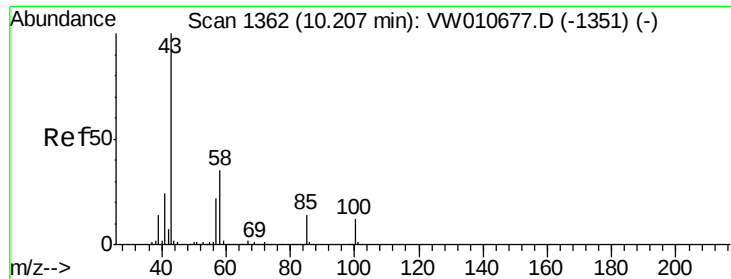
100 65.5 53.0 79.6



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: 81.689 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampled :

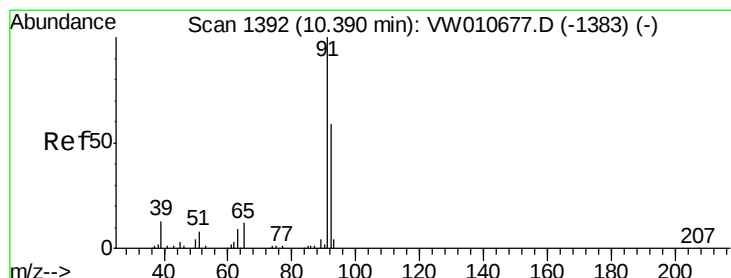
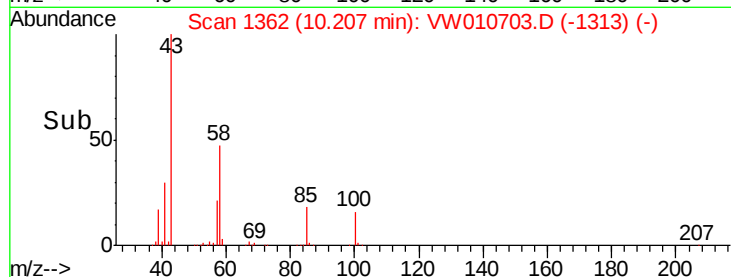
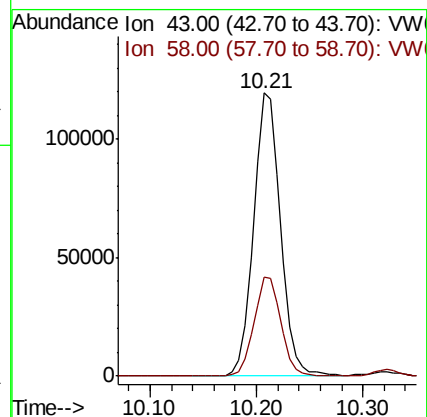
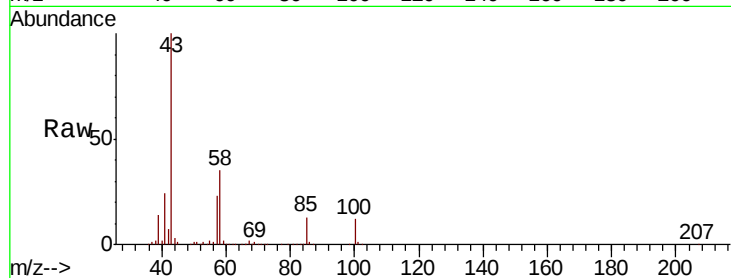
VW0606SBS01

Tot Ion: 43 Resp: 211004

Ion Ratio Lower Upper

43 100

58 35.1 28.4 42.6



#52

Toluene

Concen: 19.694 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010703.D

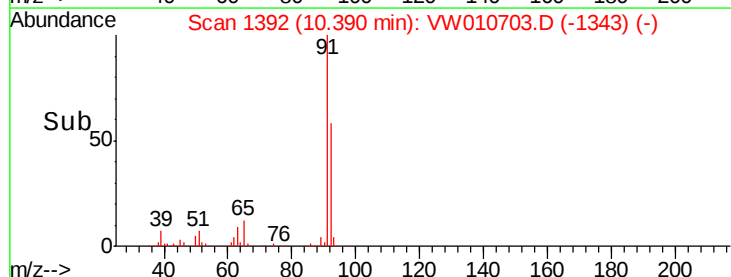
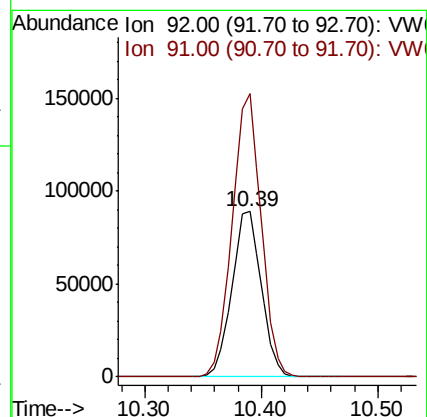
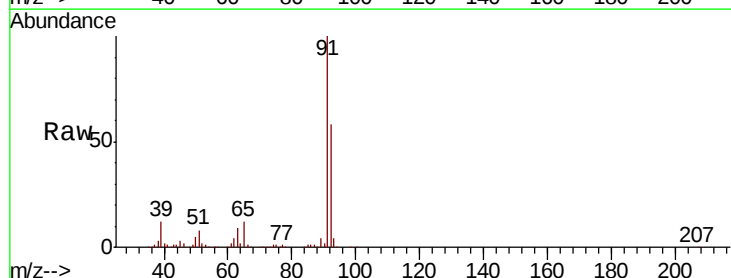
Acq: 06 Jun 2019 12:10

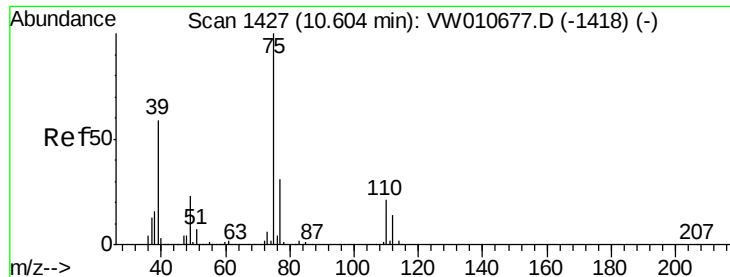
Tgt Ion: 92 Resp: 156121

Ion Ratio Lower Upper

92 100

91 169.2 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 18.375 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

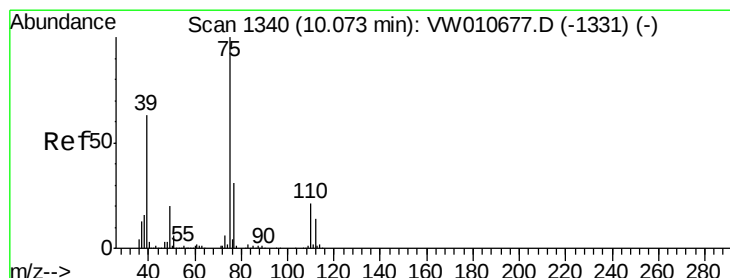
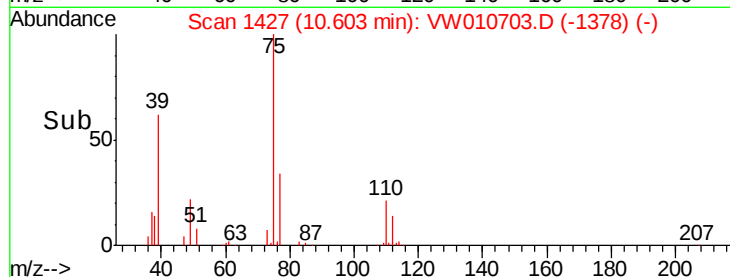
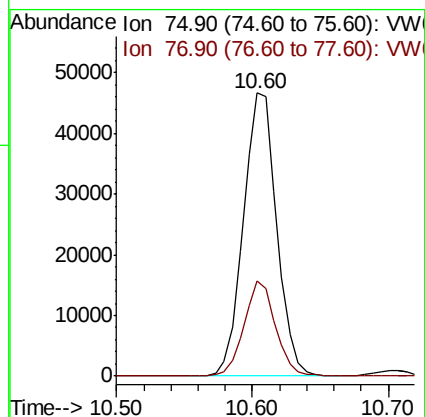
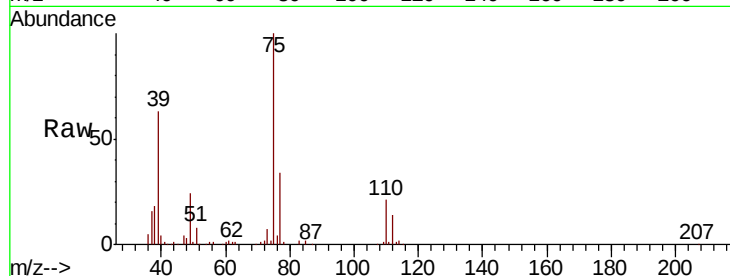
VW0606SBS01

Tot Ion: 75 Resp: 79918

Ion Ratio Lower Upper

75 100

77 33.8 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 19.154 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

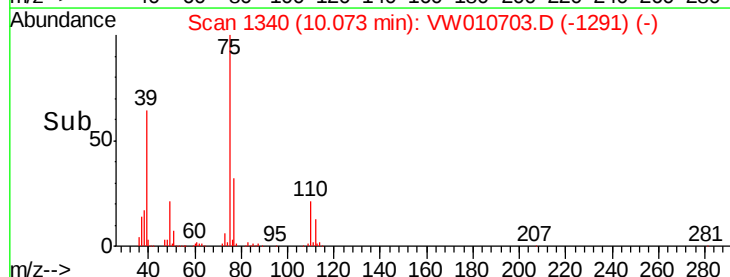
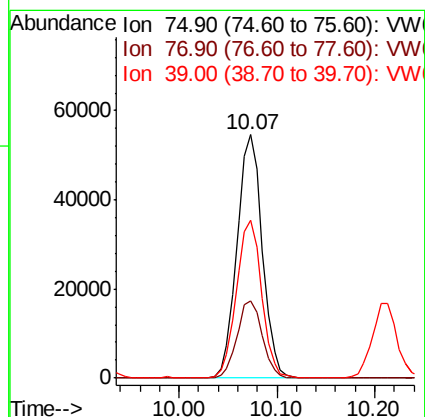
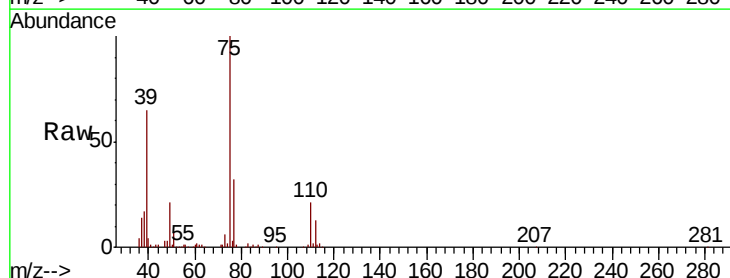
Tgt Ion: 75 Resp: 98031

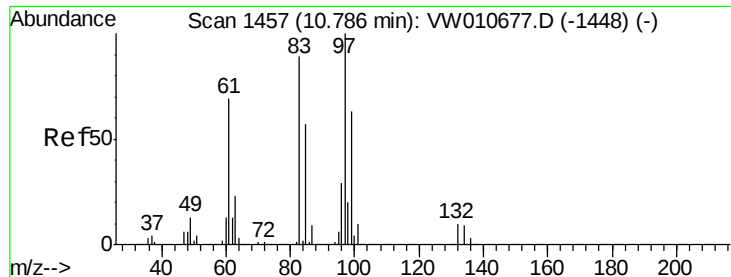
Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 64.6 50.1 75.1



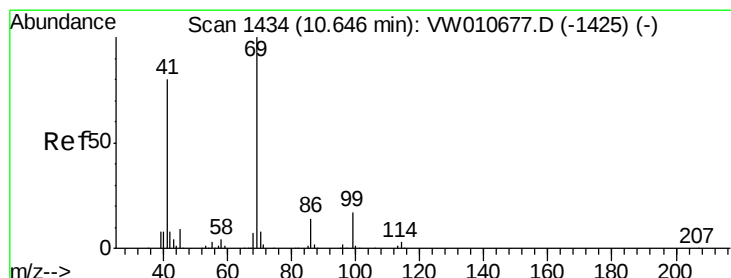
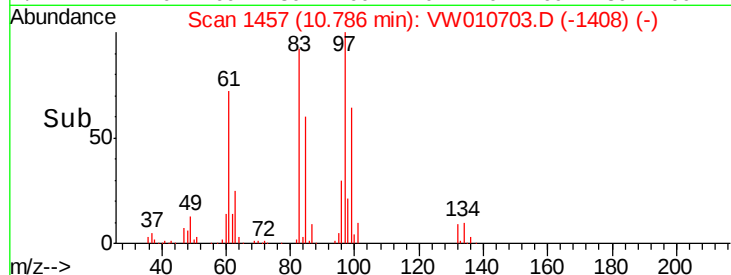
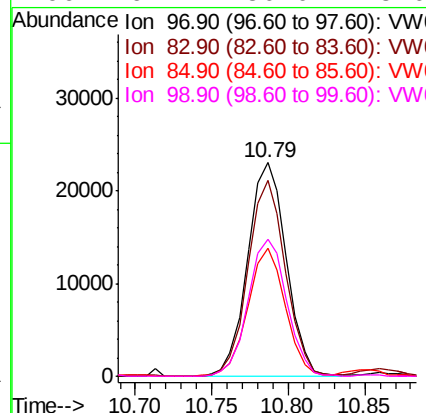
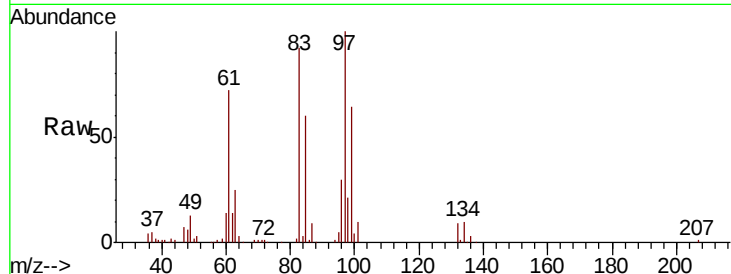


#55
 1,1,2-Trichloroethane
 Concen: 17.730 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

Tot Ion: 97 Resp: 40462

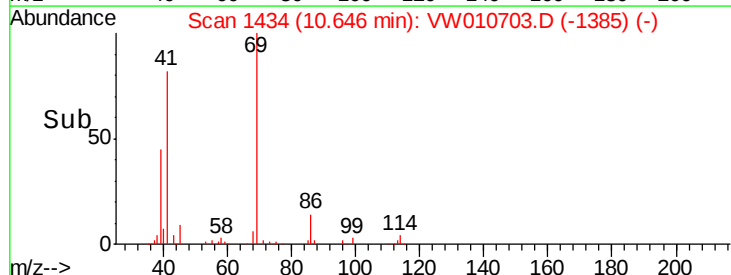
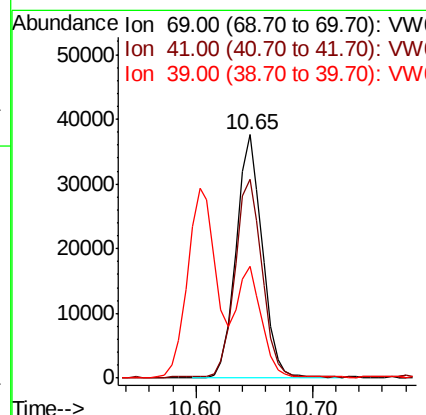
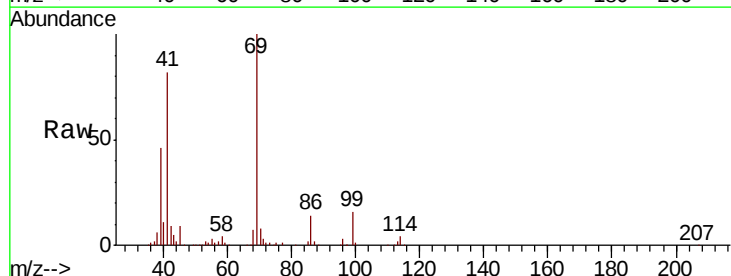
Ion	Ratio	Lower	Upper
97	100		
83	91.7	71.1	106.7
85	59.8	45.2	67.8
99	64.1	50.0	75.0

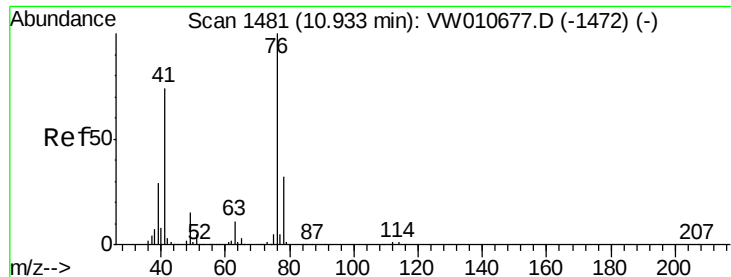


#56
 Ethyl methacrylate
 Concen: 16.886 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Tgt Ion: 69 Resp: 59296

Ion	Ratio	Lower	Upper
69	100		
41	83.3	64.8	97.2
39	42.7	32.2	48.2

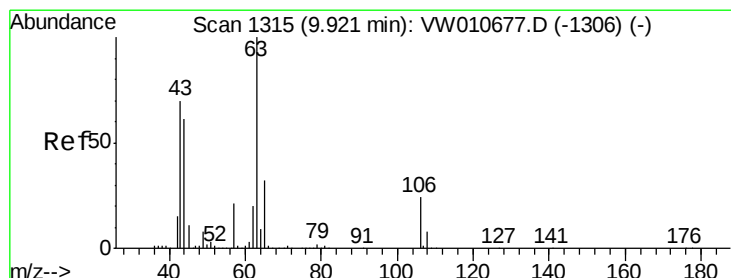
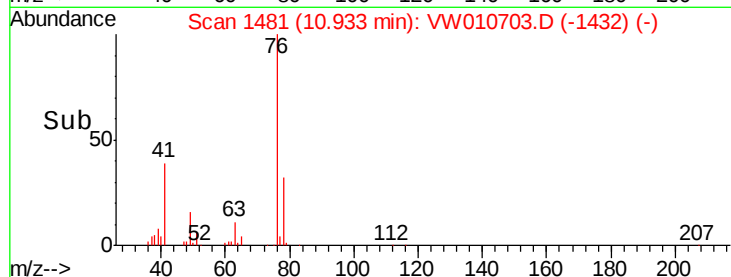
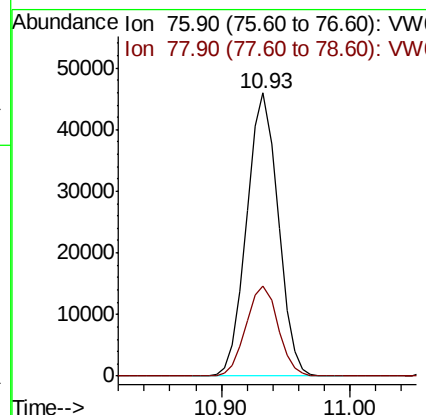
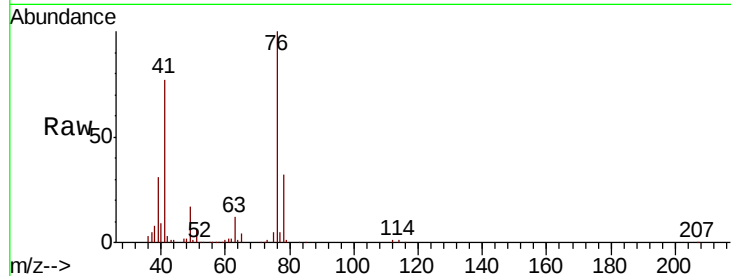




#57
 1,3-Dichloropropane
 Concen: 18.047 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

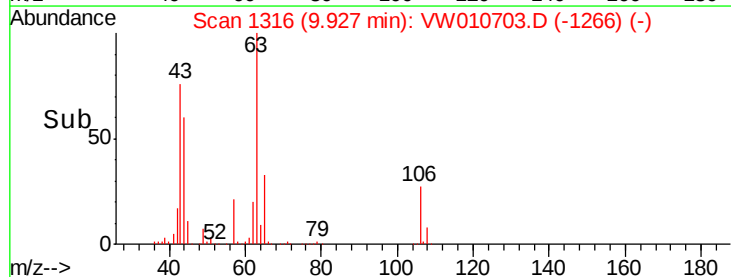
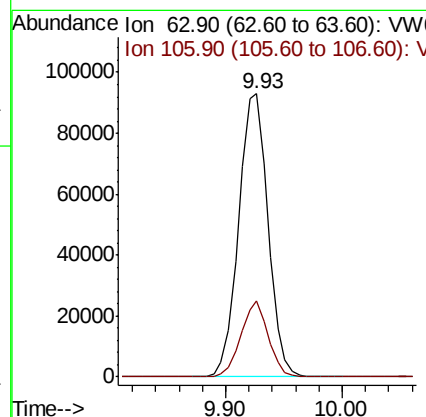
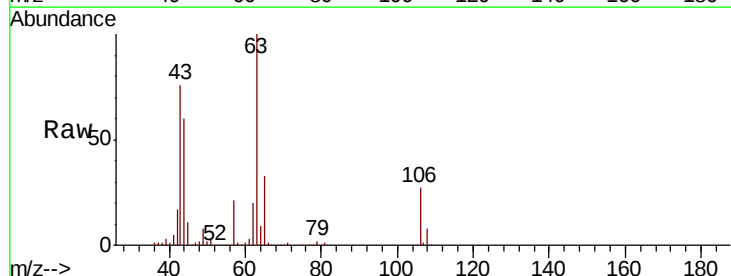
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

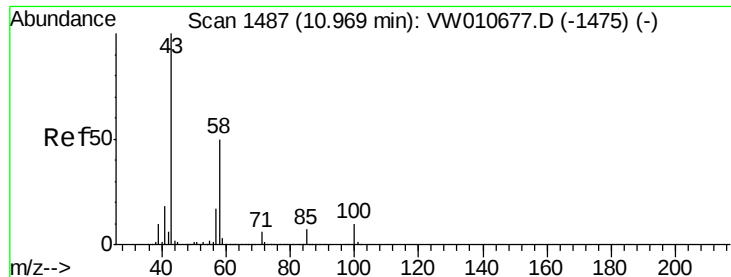
Tot Ion: 76 Resp: 77615
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.884 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Tgt Ion: 63 Resp: 163482
 Ion Ratio Lower Upper
 63 100
 106 24.9 20.1 30.1

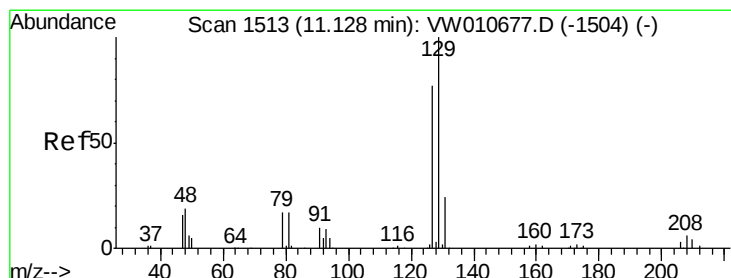
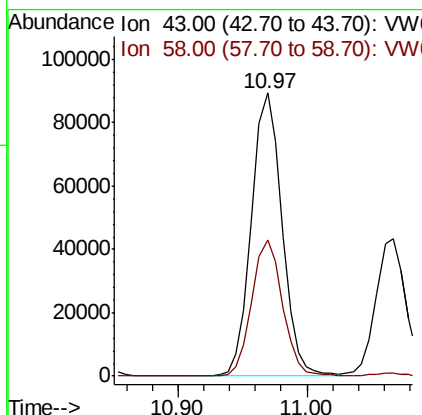
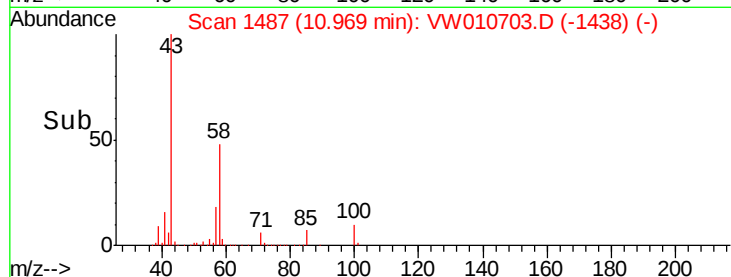
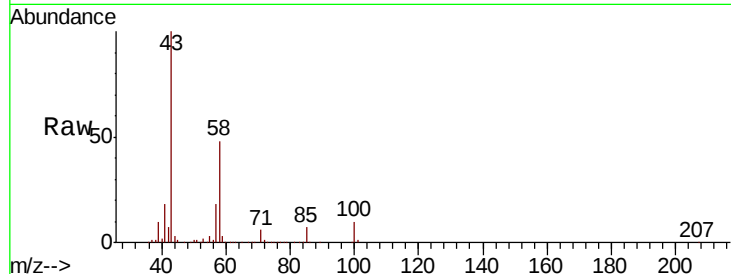




#59
2-Hexanone
Concen: 78.266 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

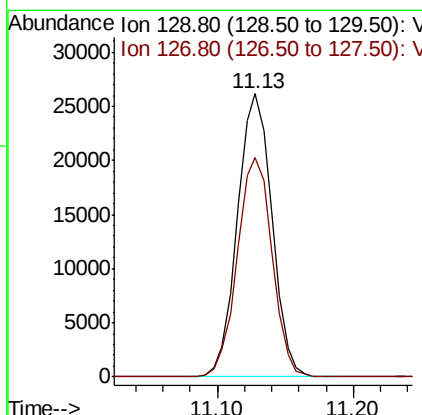
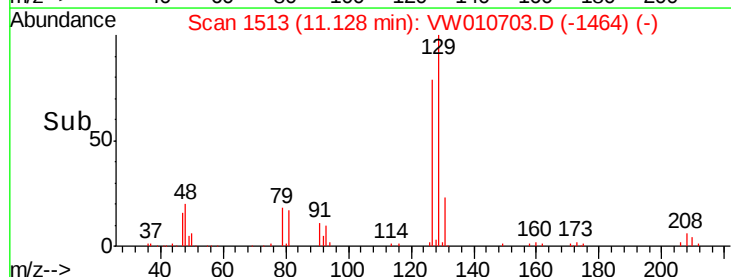
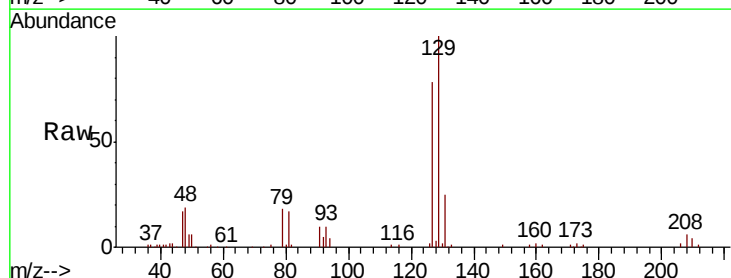
Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

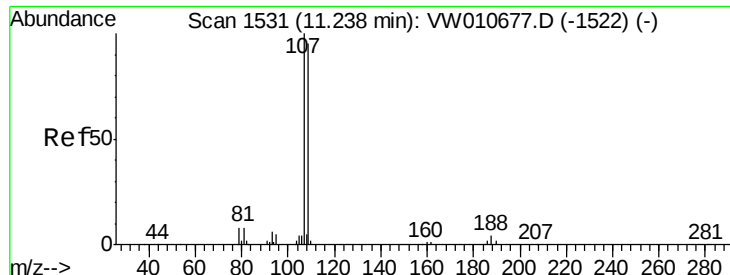
Tot Ion: 43 Resp: 146106
Ion Ratio Lower Upper
43 100
58 48.3 24.9 74.6



#60
Dibromochloromethane
Concen: 18.358 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion:129 Resp: 46442
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0

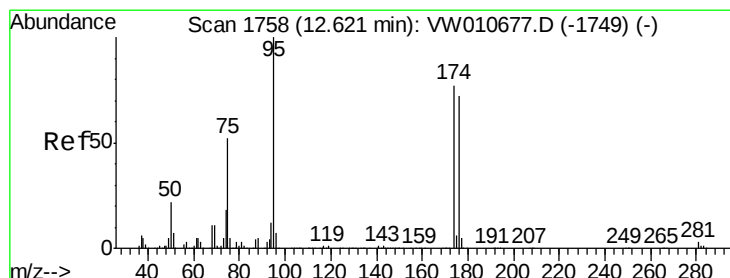
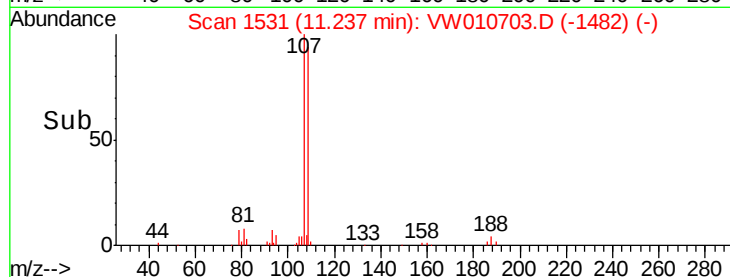
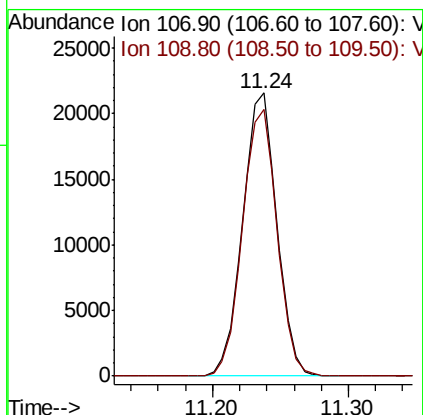
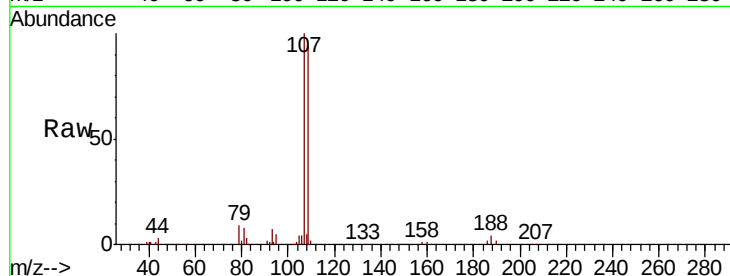




#61
 1,2-Dibromoethane
 Concen: 17.527 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

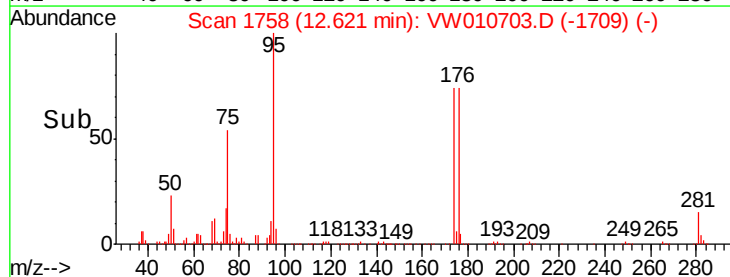
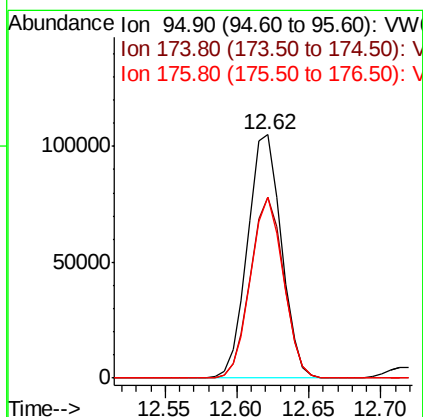
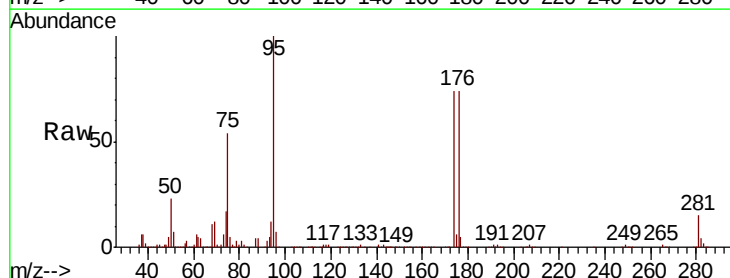
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

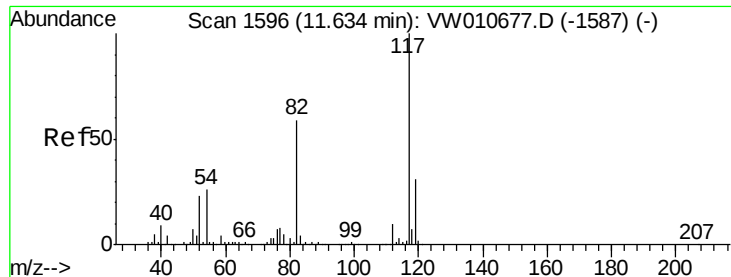
Tot Ion: 107 Resp: 37896
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 42.700 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Tgt Ion: 95 Resp: 170634
 Ion Ratio Lower Upper
 95 100
 174 73.4 0.0 150.4
 176 72.0 0.0 144.8

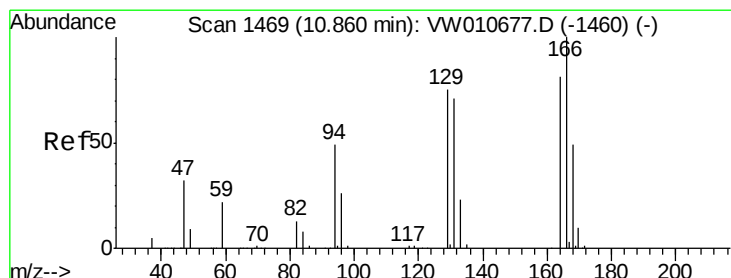
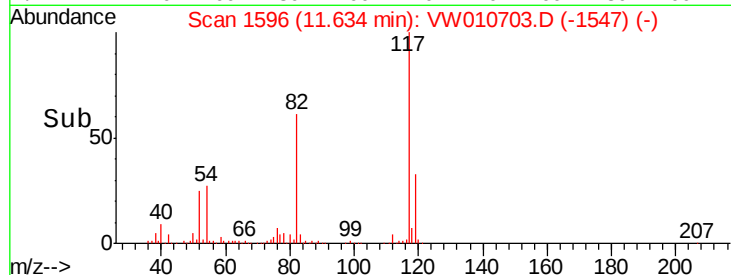
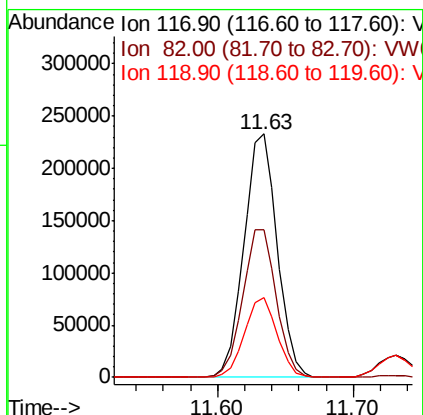
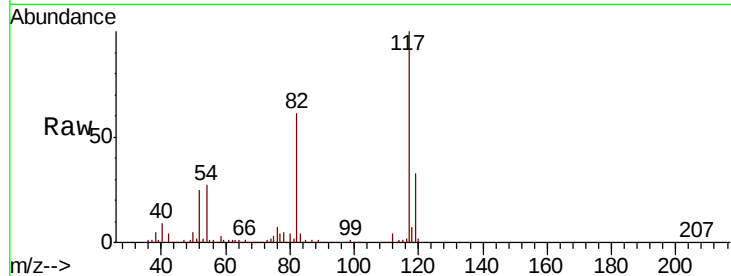




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

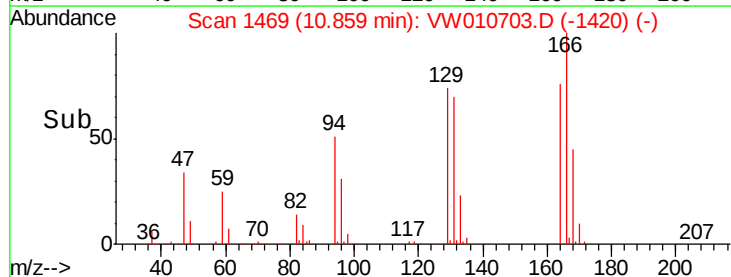
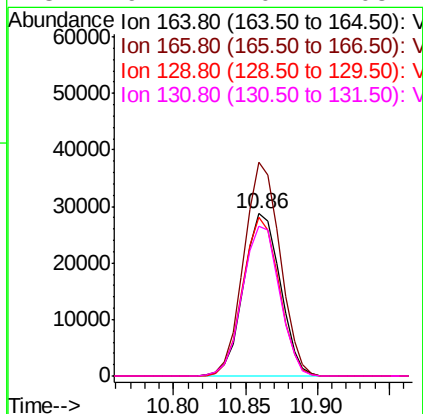
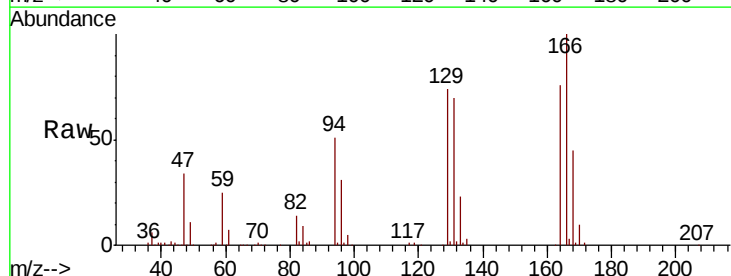
Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

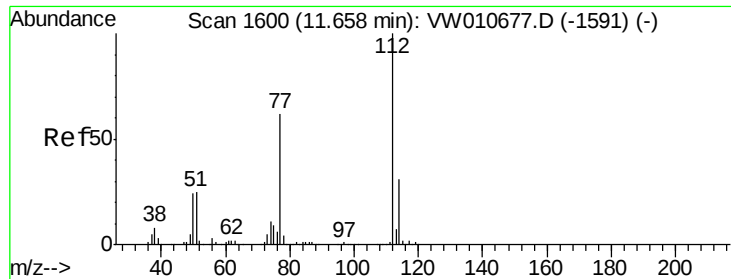
Tot Ion:117 Resp: 397111
Ion Ratio Lower Upper
117 100
82 60.5 47.0 70.4
119 32.6 25.1 37.7



#64
Tetrachloroethene
Concen: 19.167 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion:164 Resp: 50536
Ion Ratio Lower Upper
164 100
166 131.8 99.2 148.8
129 97.9 74.6 112.0
131 92.2 70.2 105.4

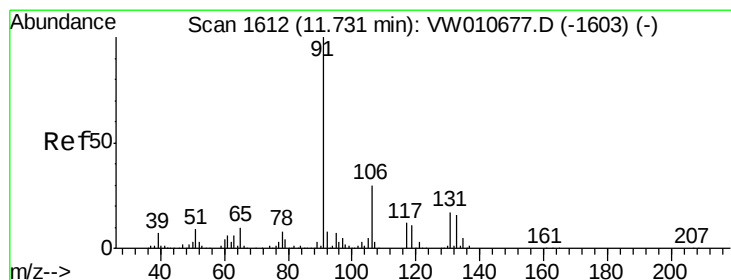
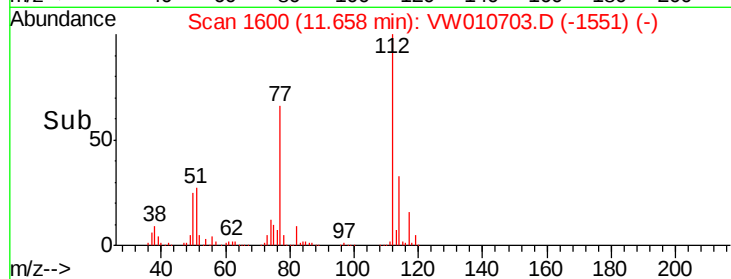
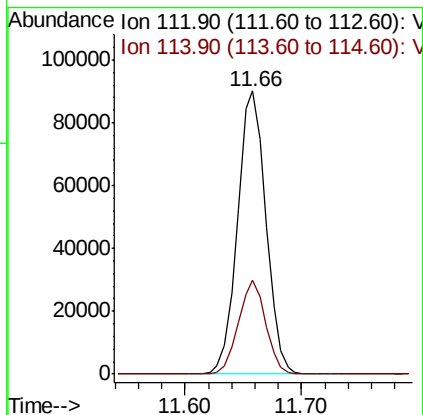
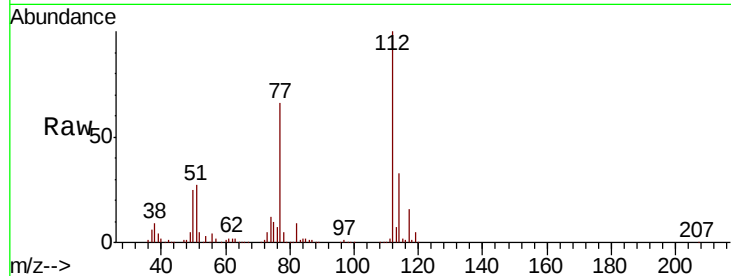




#65
Chlorobenzene
Concen: 19.561 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

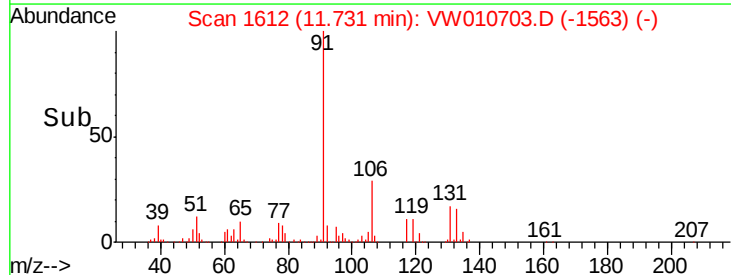
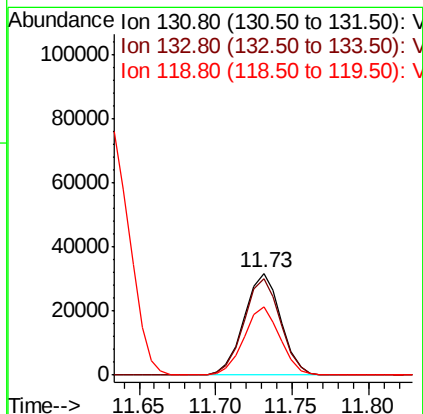
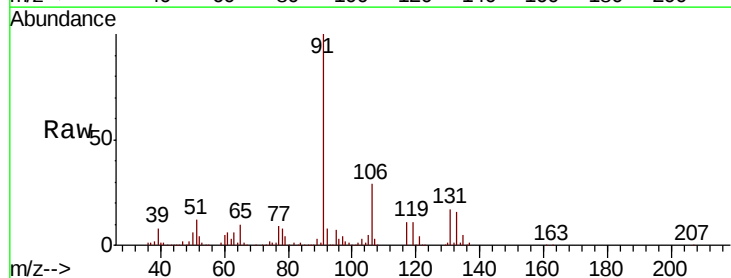
Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

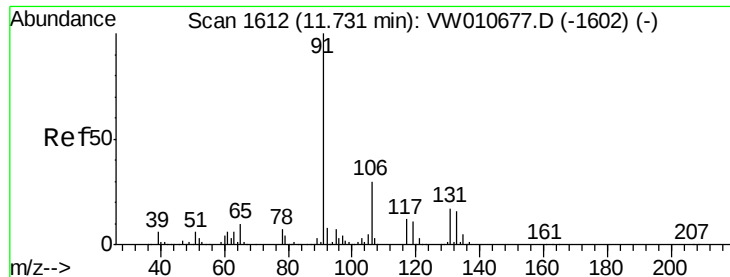
Tot Ion:112 Resp: 152751
Ion Ratio Lower Upper
112 100
114 33.0 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.502 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion:131 Resp: 52720
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.9
119 66.8 32.4 97.0

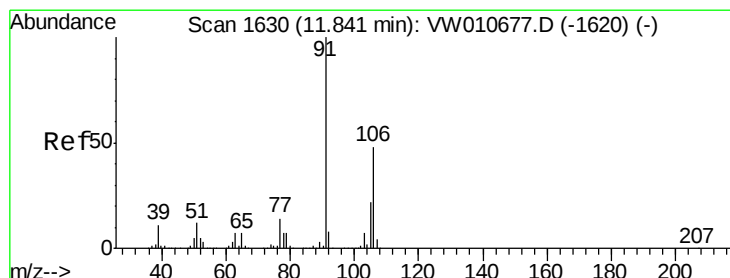
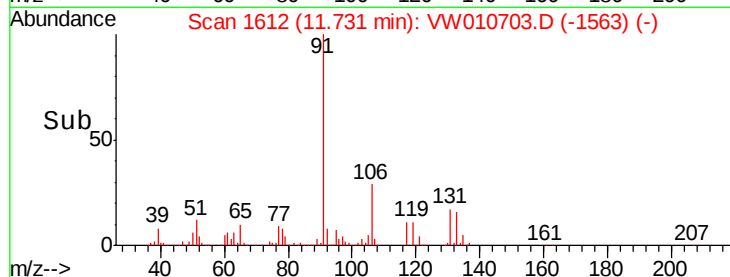
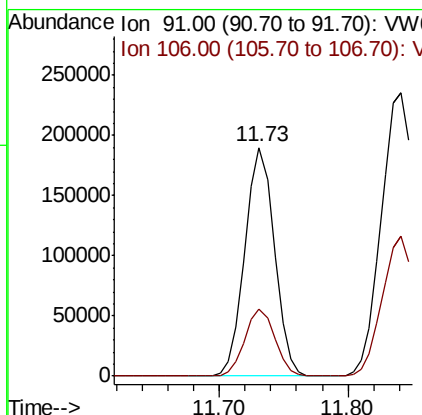
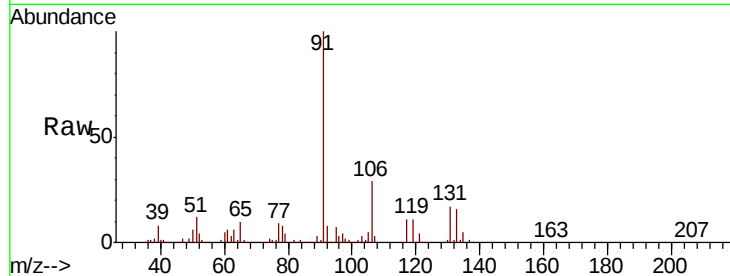




#67
Ethyl Benzene
Concen: 20.031 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

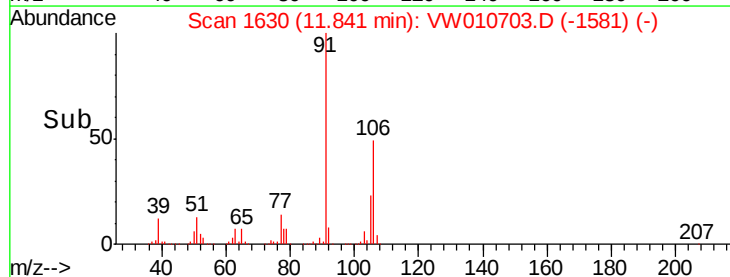
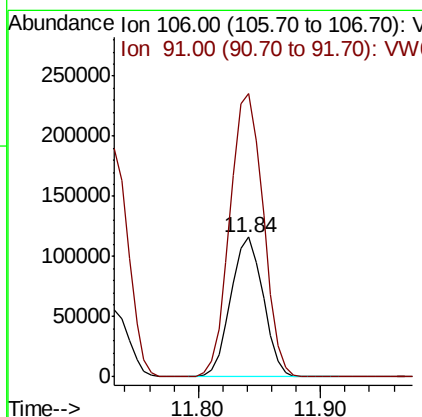
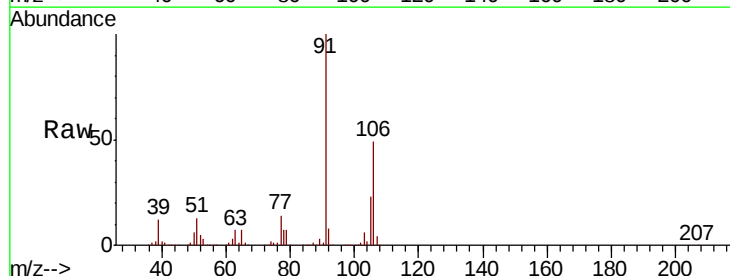
Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

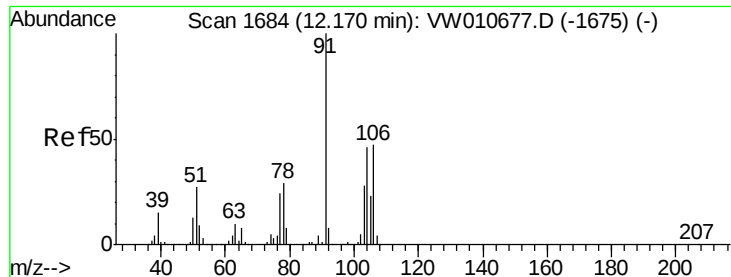
Tot Ion: 91 Resp: 300626
Ion Ratio Lower Upper
91 100
106 29.4 24.2 36.4



#68
m/p-Xylenes
Concen: 39.872 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion: 106 Resp: 214210
Ion Ratio Lower Upper
106 100
91 208.0 166.5 249.7

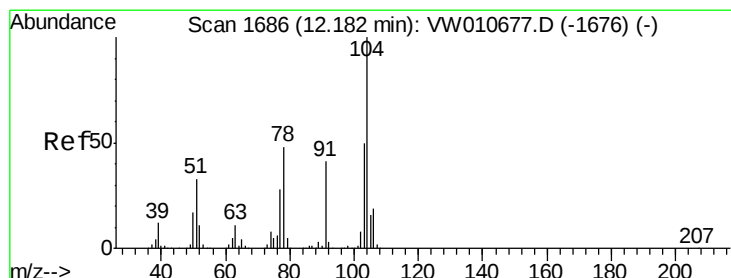
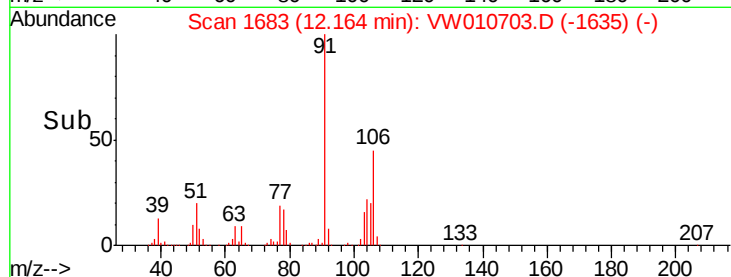
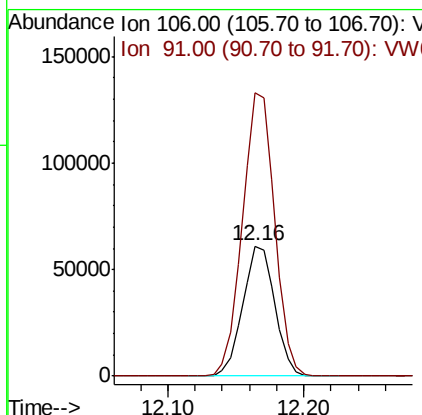
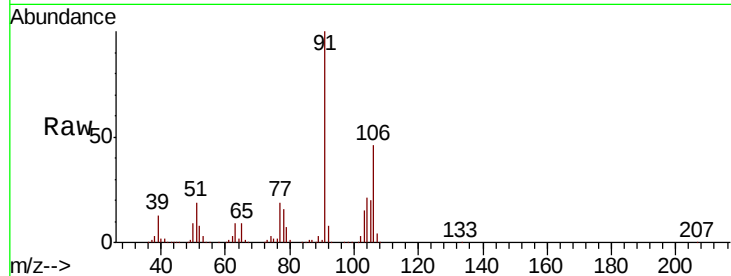




#69
o-Xylene
Concen: 19.657 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

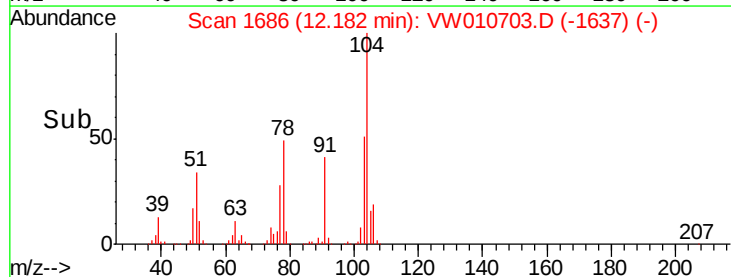
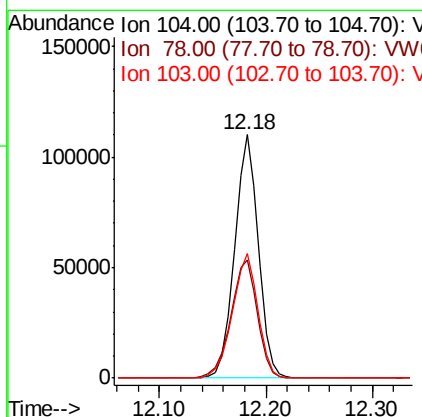
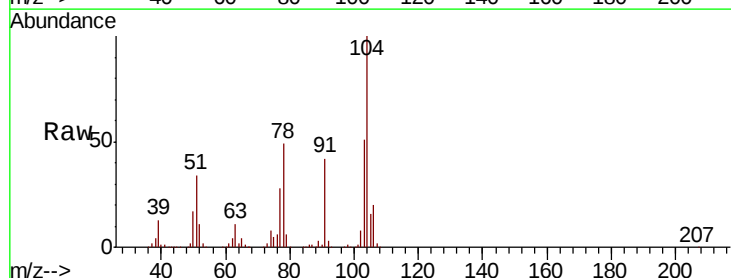
Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

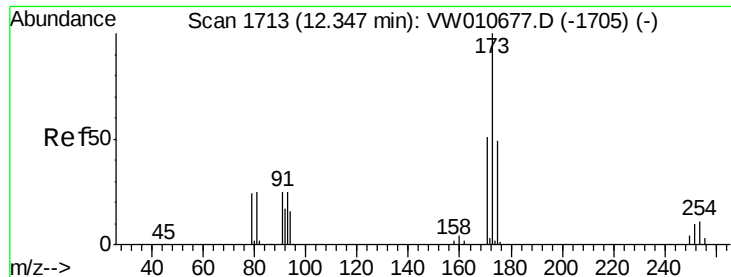
Tot Ion:106 Resp: 100159
Ion Ratio Lower Upper
106 100
91 220.2 108.9 326.6



#70
Styrene
Concen: 19.366 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion:104 Resp: 171418
Ion Ratio Lower Upper
104 100
78 54.4 42.7 64.1
103 55.1 43.6 65.4





#71

Bromoform

Concen: 17.483 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

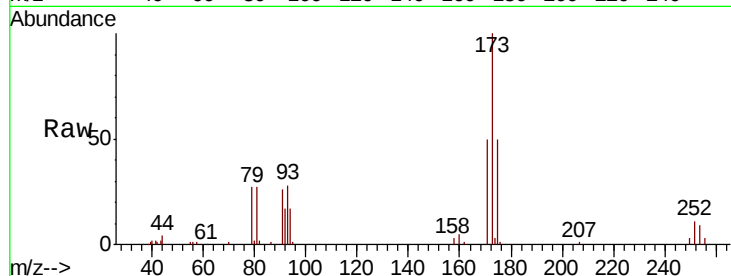
Tot Ion:173 Resp: 24443

Ion Ratio Lower Upper

173 100

175 49.4 24.3 72.8

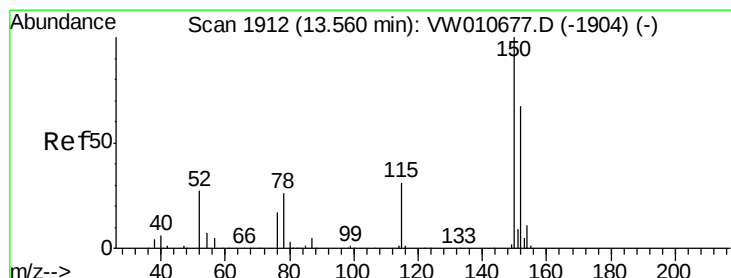
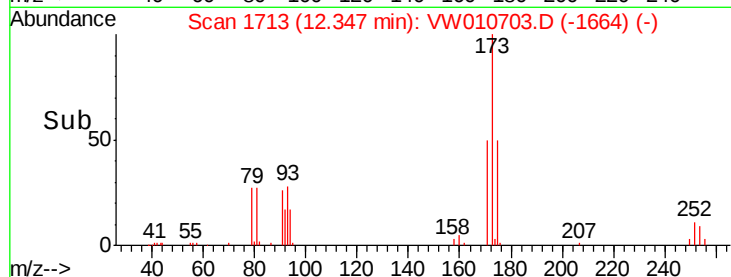
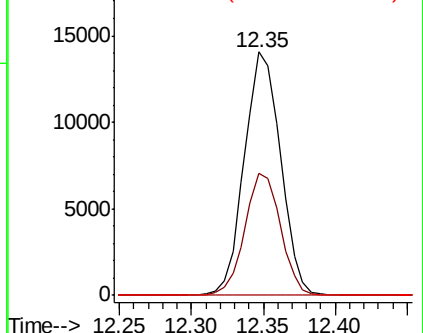
254 0.0 0.1 0.1#



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: VW010703.D

Acq: 06 Jun 2019 12:10

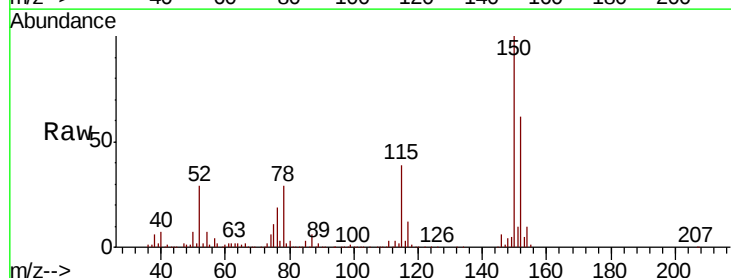
Tgt Ion:152 Resp: 183473

Ion Ratio Lower Upper

152 100

115 60.8 29.8 89.3

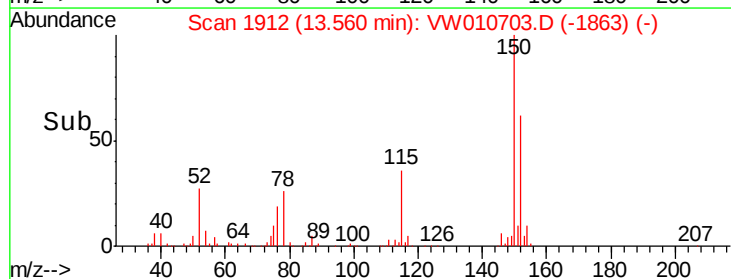
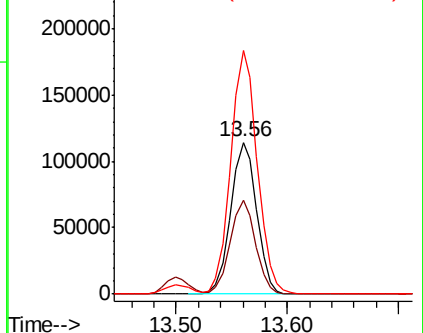
150 164.4 0.0 345.0

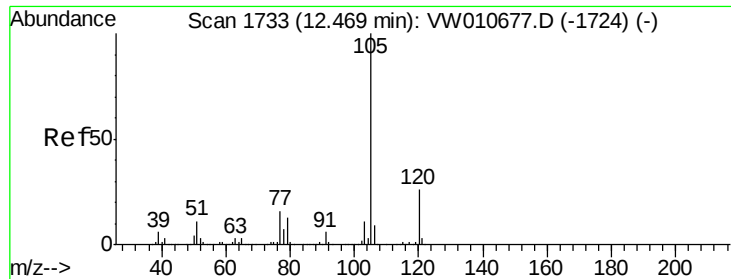


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.680 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

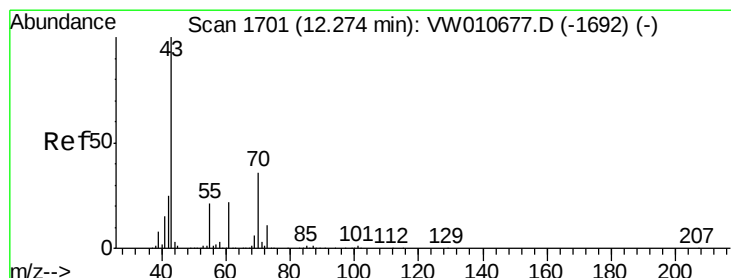
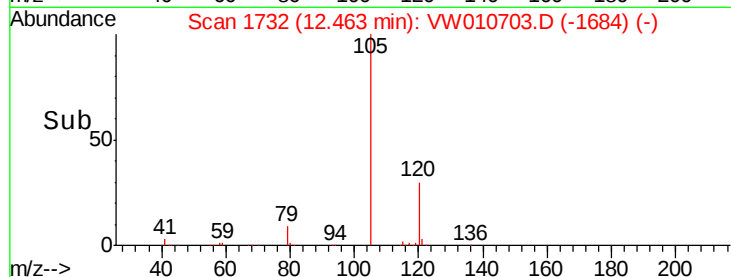
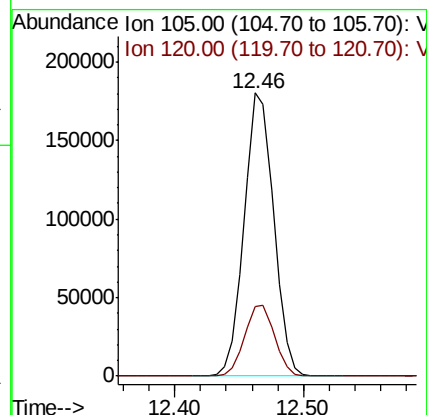
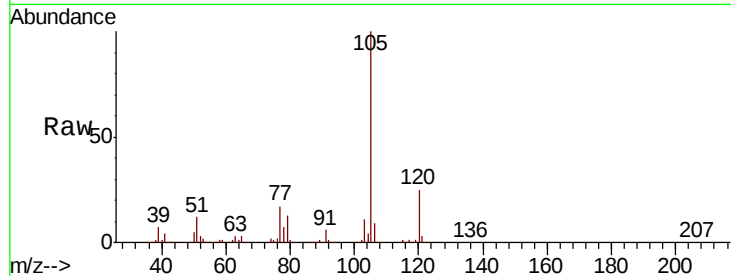
VW0606SBS01

Tot Ion:105 Resp: 285122

Ion Ratio Lower Upper

105 100

120 25.4 13.1 39.1



#74

N-ethyl acetate

Concen: 16.930 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Tgt Ion: 43 Resp: 75439

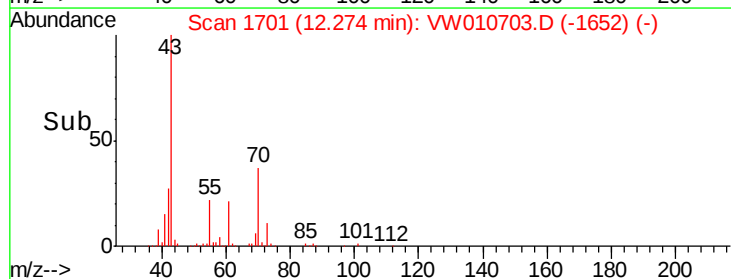
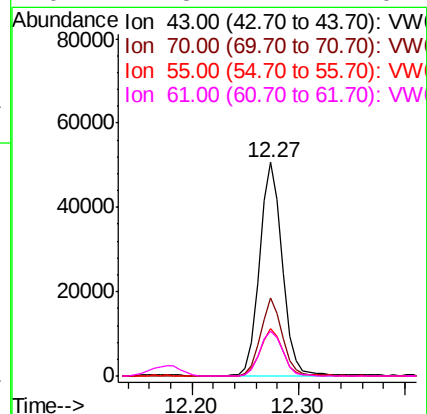
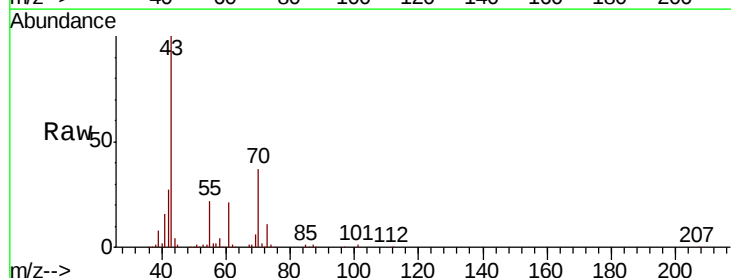
Ion Ratio Lower Upper

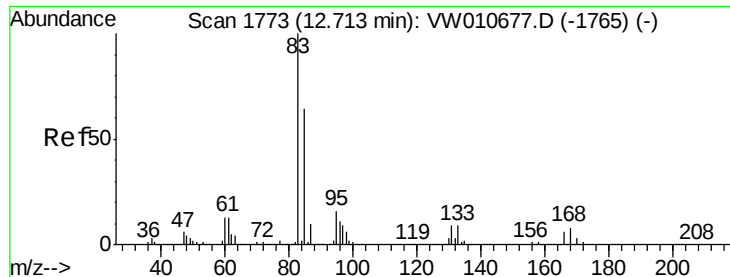
43 100

70 35.5 29.2 43.8

55 22.5 17.5 26.3

61 21.8 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.561 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

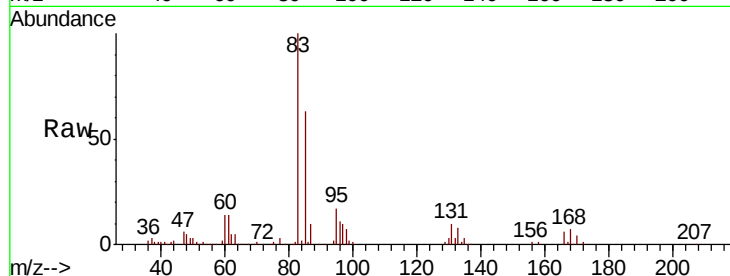
Tot Ion: 83 Resp: 46093

Ion Ratio Lower Upper

83 100

131 10.4 4.9 14.7

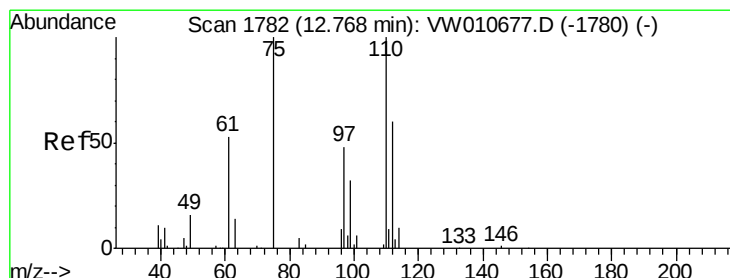
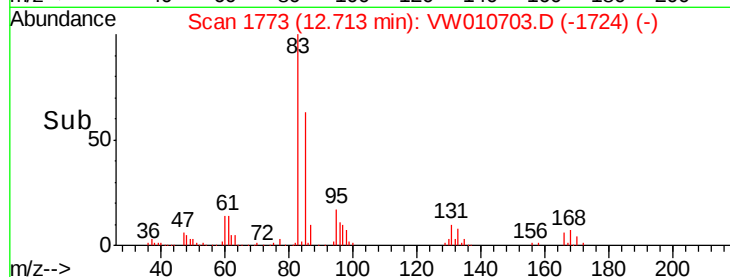
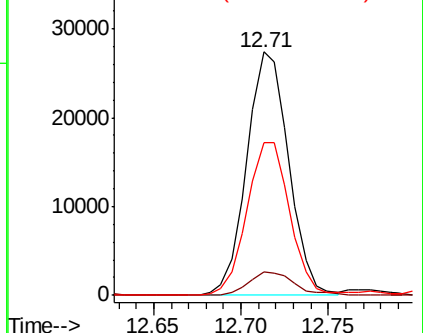
85 64.2 31.9 95.9



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: 32.580 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010703.D

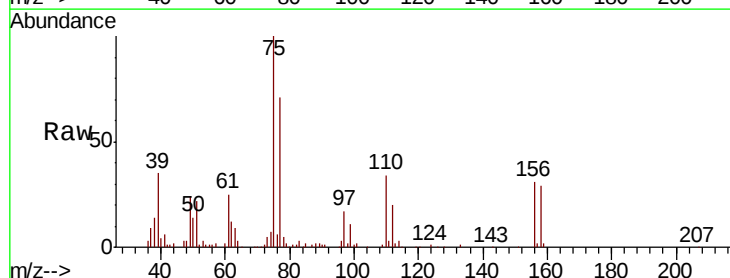
Acq: 06 Jun 2019 12:10

Tgt Ion: 75 Resp: 62773

Ion Ratio Lower Upper

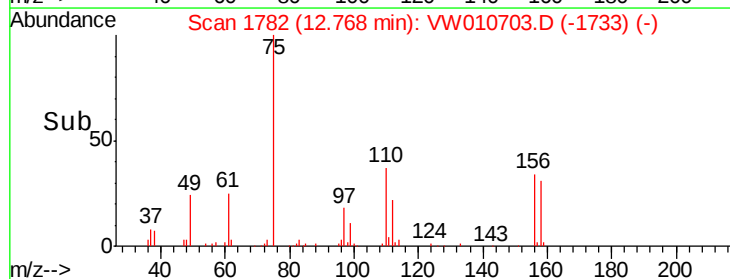
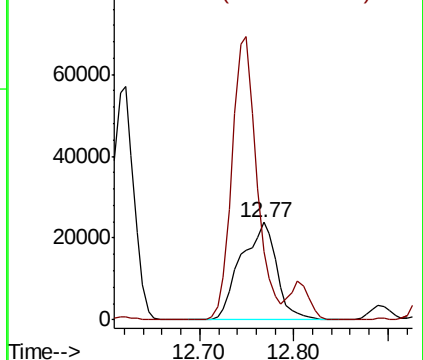
75 100

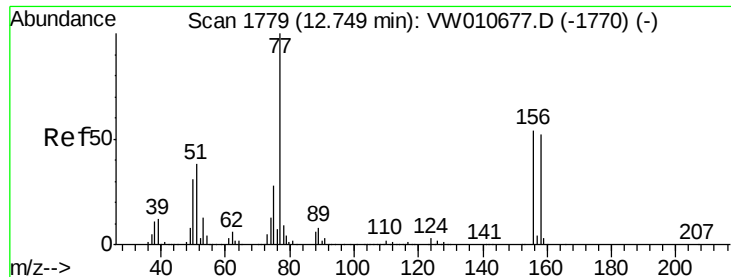
77 202.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.591 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

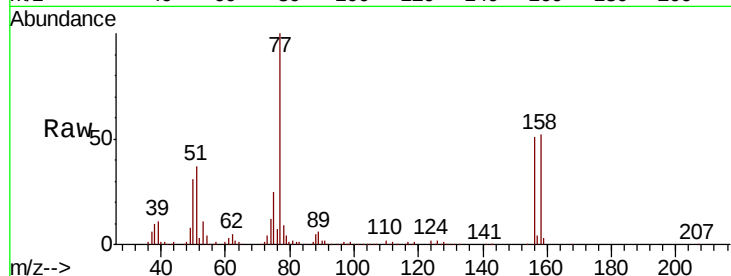
Tot Ion:156 Resp: 58959

Ion Ratio Lower Upper

156 100

77 215.7 106.5 319.4

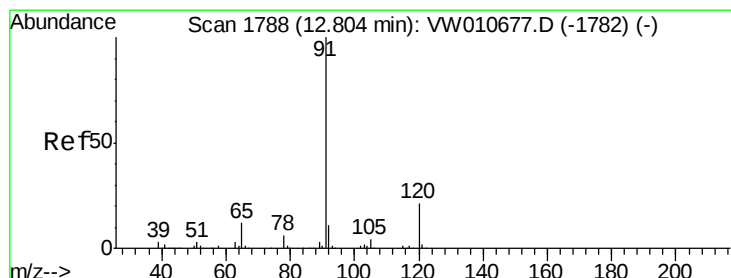
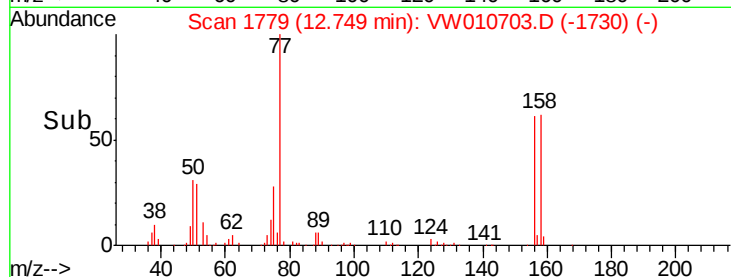
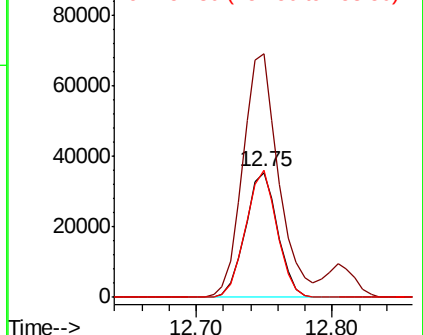
158 98.8 48.3 144.9



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: 20.602 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010703.D

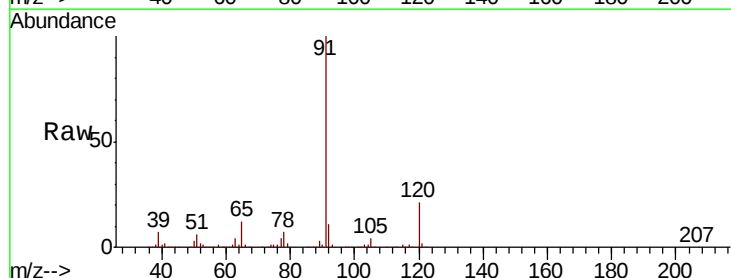
Acq: 06 Jun 2019 12:10

Tgt Ion: 91 Resp: 342512

Ion Ratio Lower Upper

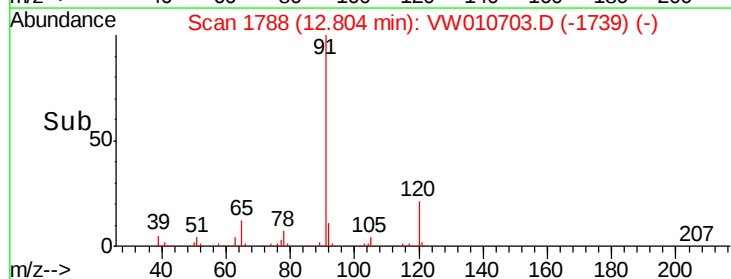
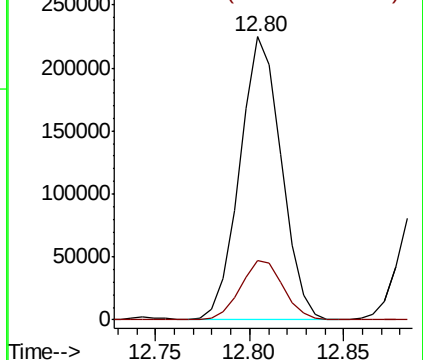
91 100

120 21.7 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: 20.299 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

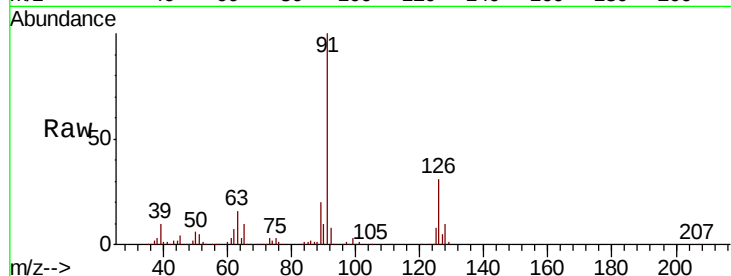
VW0606SBS01

Tot Ion: 91 Resp: 192799

Ion Ratio Lower Upper

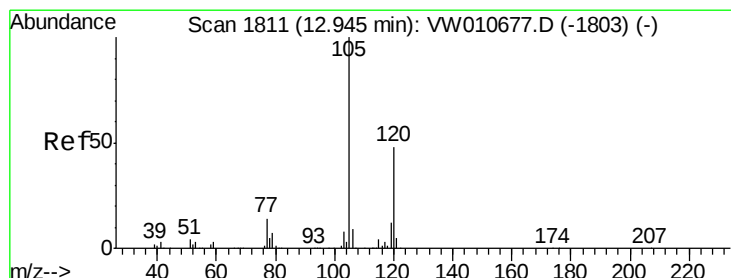
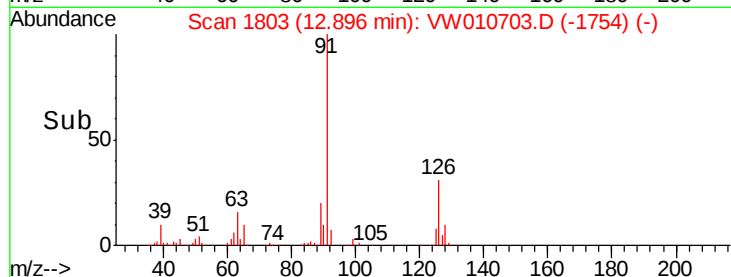
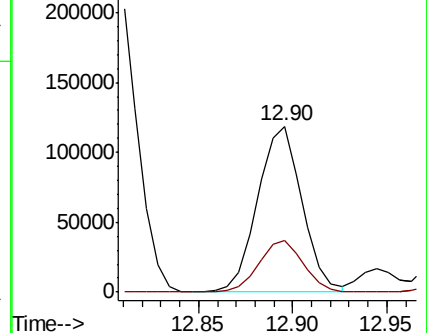
91 100

126 31.1 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.427 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010703.D

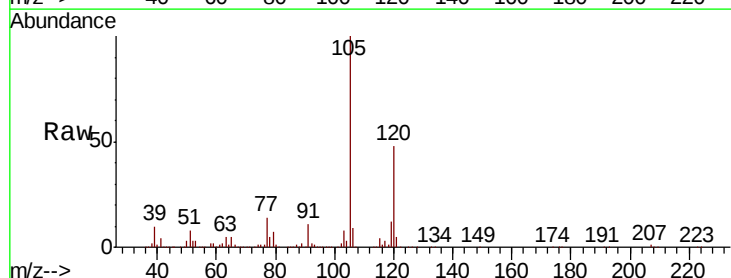
Acq: 06 Jun 2019 12:10

Tgt Ion:105 Resp: 230518

Ion Ratio Lower Upper

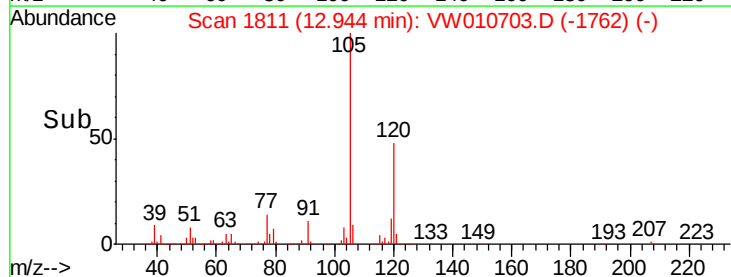
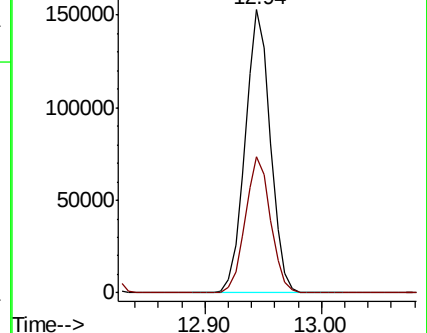
105 100

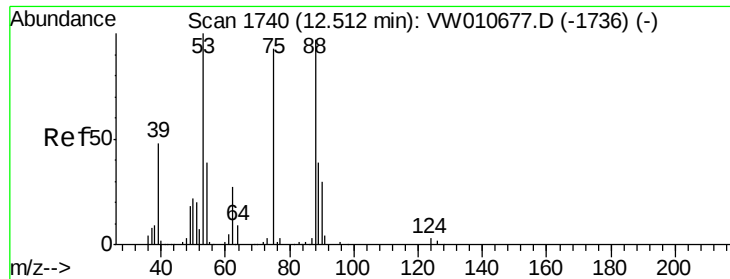
120 48.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

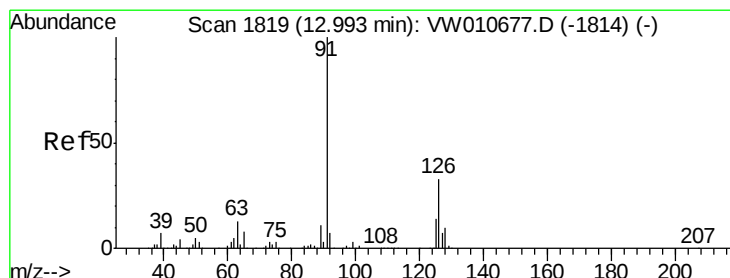
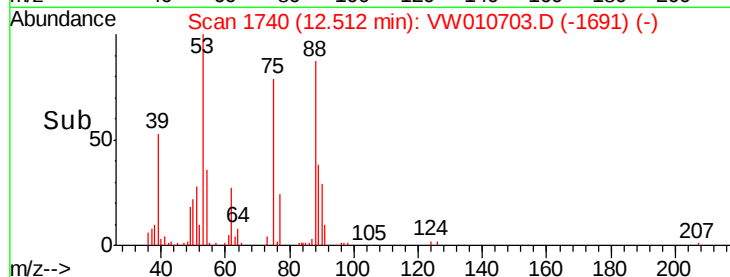
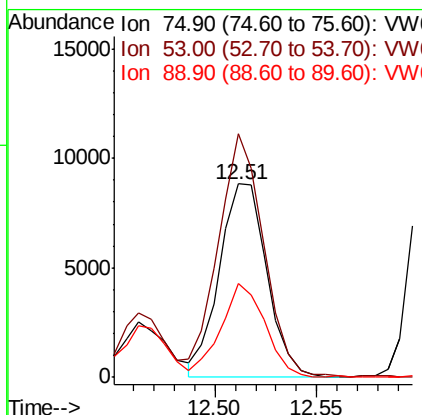
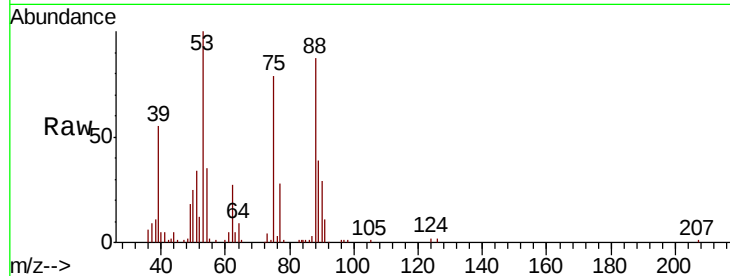




#81
trans-1,4-Dichloro-2-butene
Concen: 17.040 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

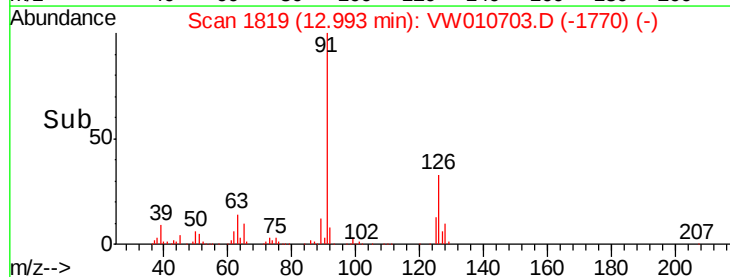
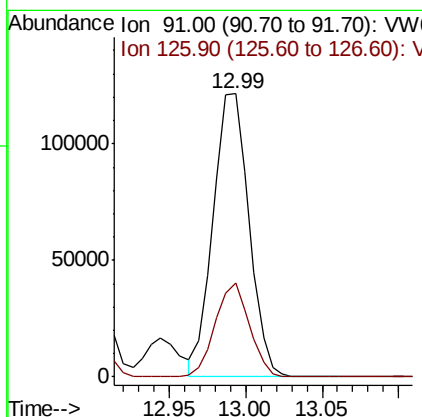
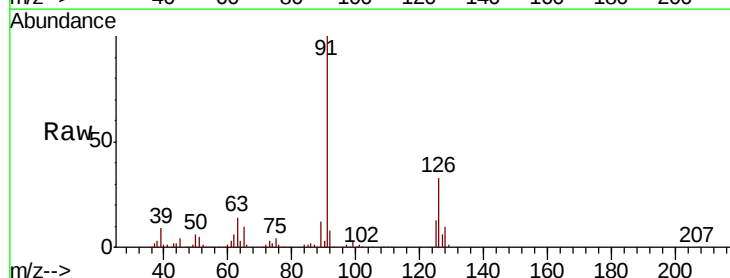
Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

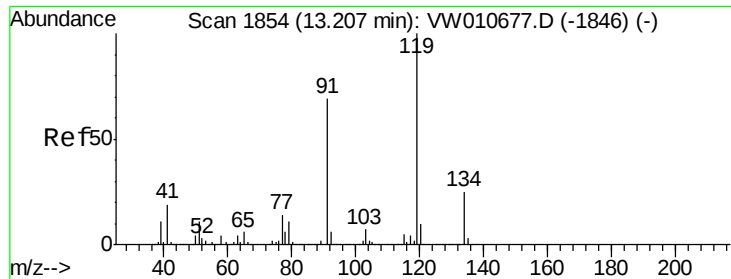
Tot Ion: 75 Resp: 14285
Ion Ratio Lower Upper
75 100
53 121.5 90.1 135.1
89 45.2 34.6 52.0



#82
4-Chlorotoluene
Concen: 20.220 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion: 91 Resp: 198190
Ion Ratio Lower Upper
91 100
126 31.7 15.9 47.7

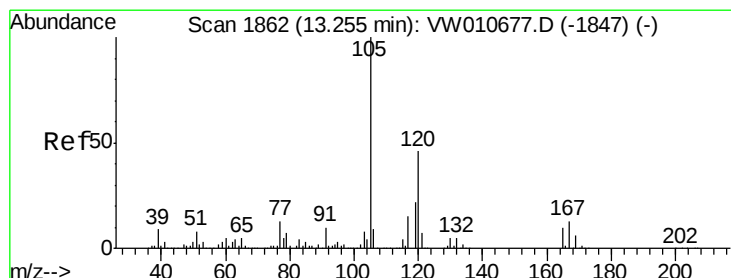
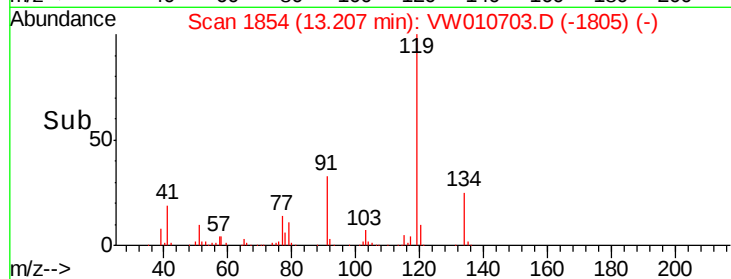
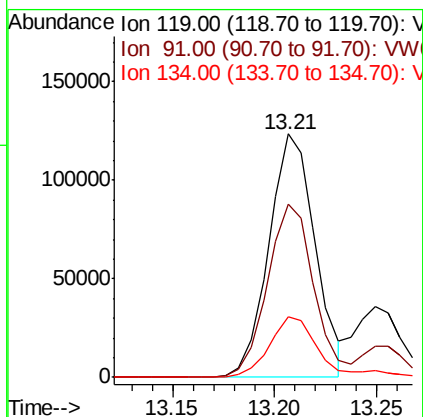
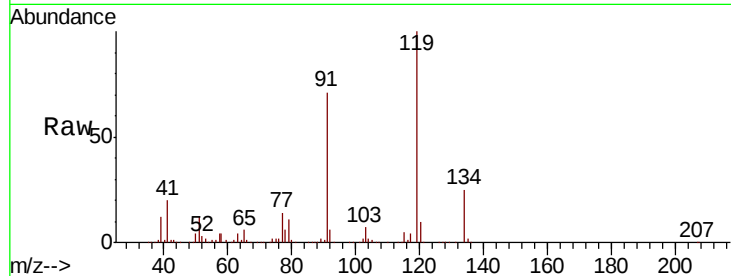




#83
tert-Butylbenzene
Concen: 20.352 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

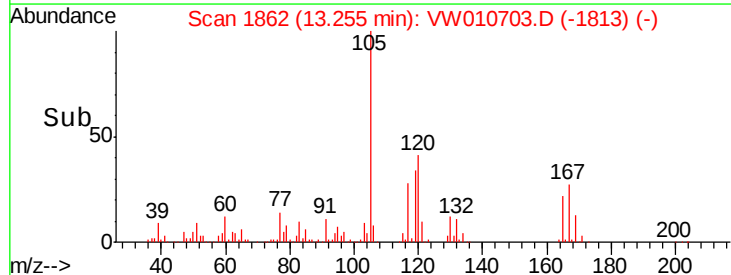
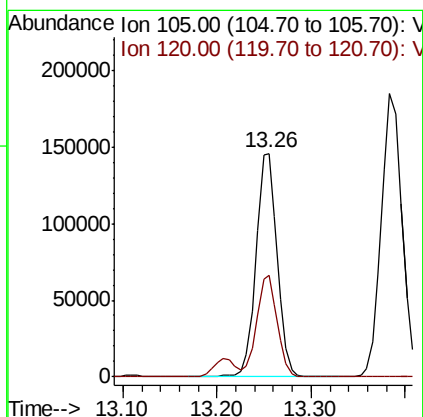
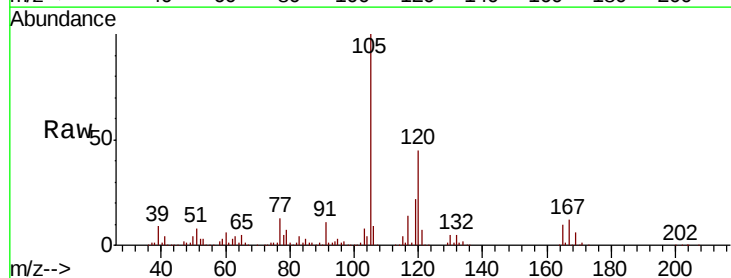
Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

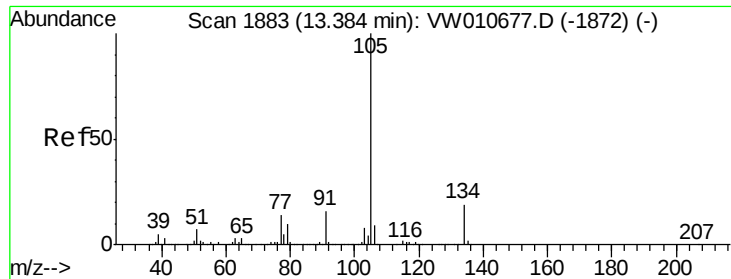
Tot Ion:119 Resp: 194922
Ion Ratio Lower Upper
119 100
91 71.7 35.1 105.3
134 26.9 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 20.348 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion:105 Resp: 231069
Ion Ratio Lower Upper
105 100
120 44.2 22.5 67.5





#85

sec-Butylbenzene

Concen: 20.358 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

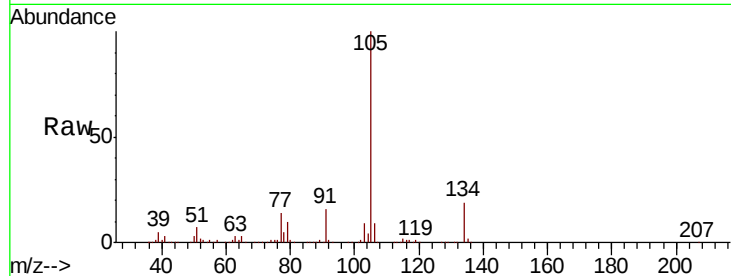
VW0606SBS01

Tot Ion:105 Resp: 283885

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

200000

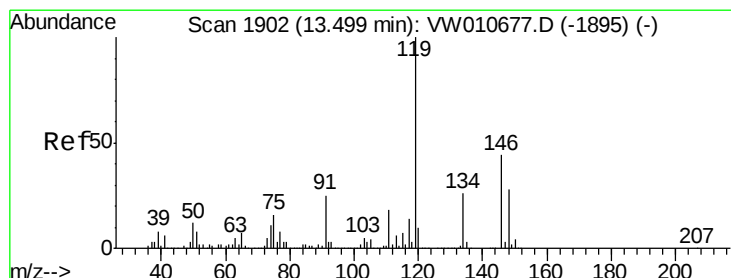
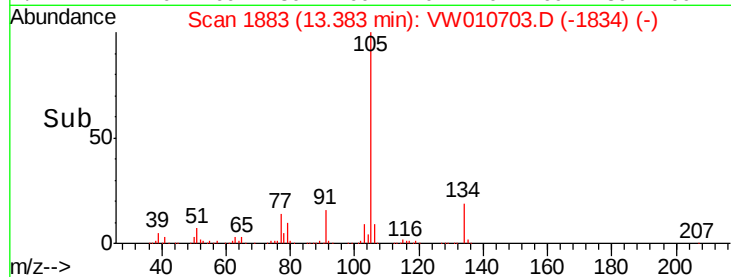
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.290 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

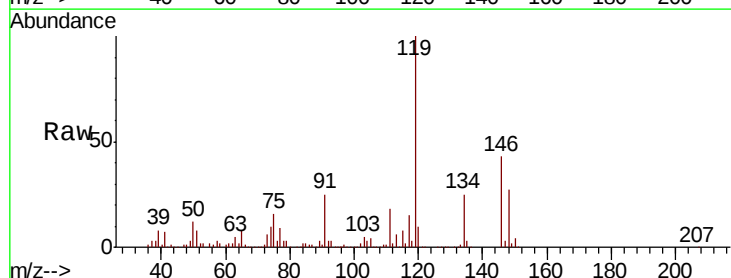
Tgt Ion:119 Resp: 253014

Ion Ratio Lower Upper

119 100

134 25.4 13.0 39.0

91 24.4 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.50

200000

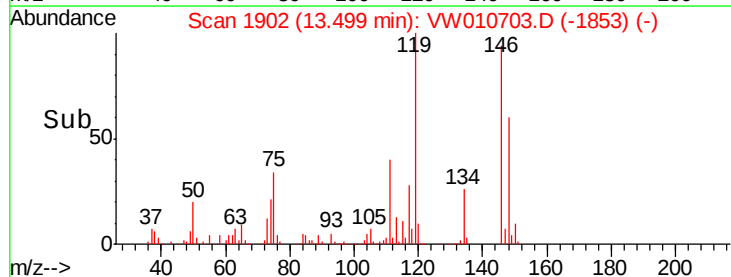
150000

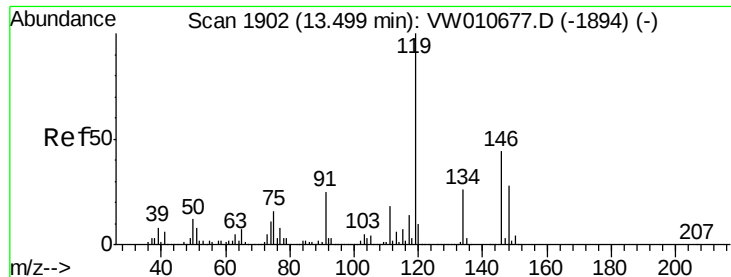
100000

50000

0

Time-->

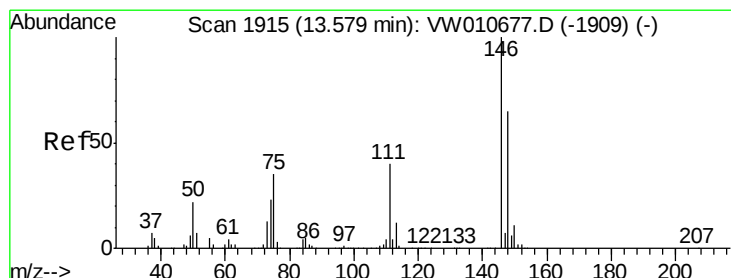
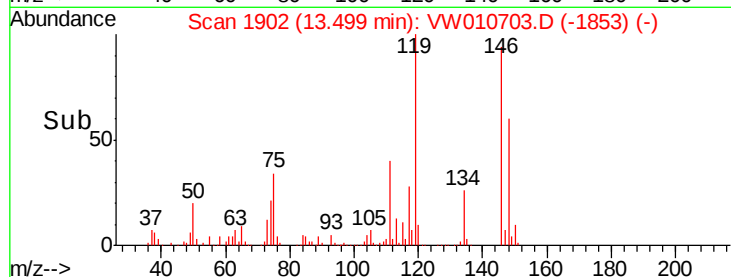
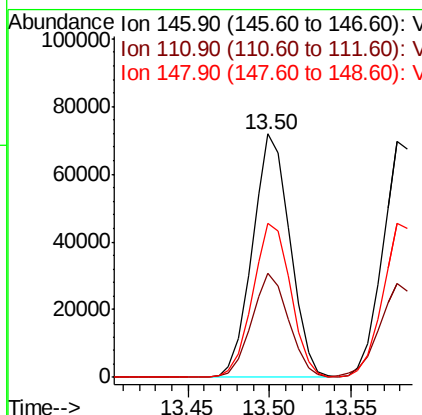
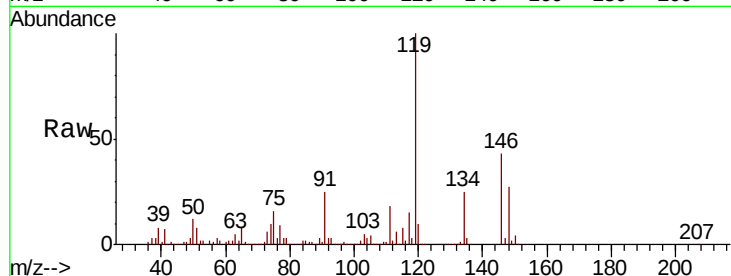




#87
 1,3-Dichlorobenzene
 Concen: 19.758 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

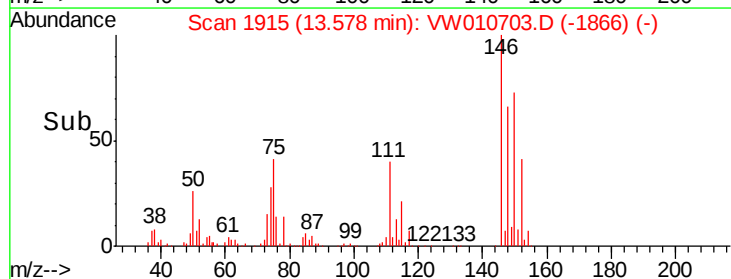
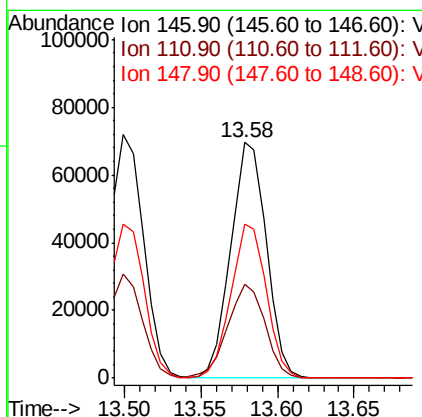
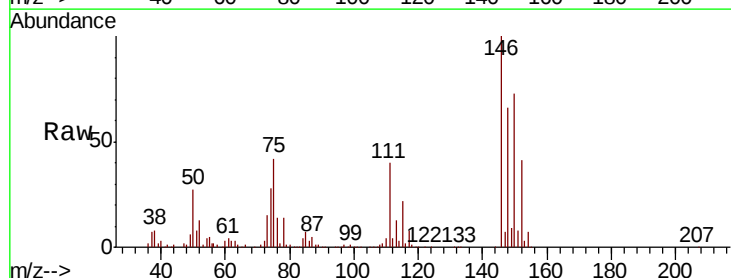
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

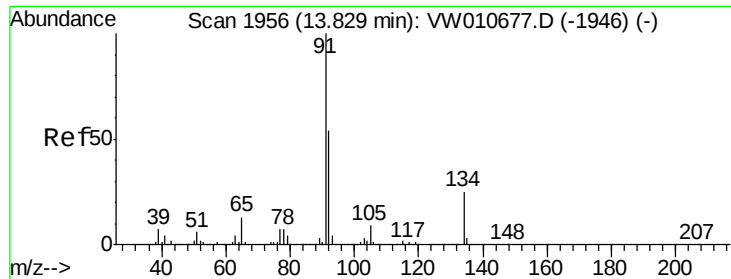
Tot Ion:146 Resp: 114669
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.4 61.3
 148 63.9 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 19.602 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Tgt Ion:146 Resp: 112788
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.3 60.9
 148 64.9 32.4 97.2

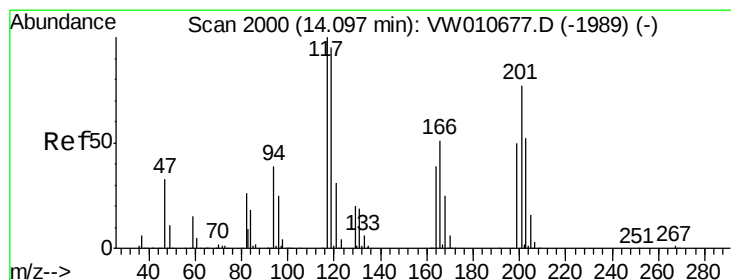
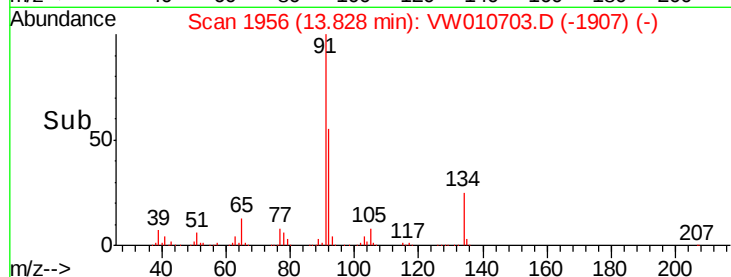
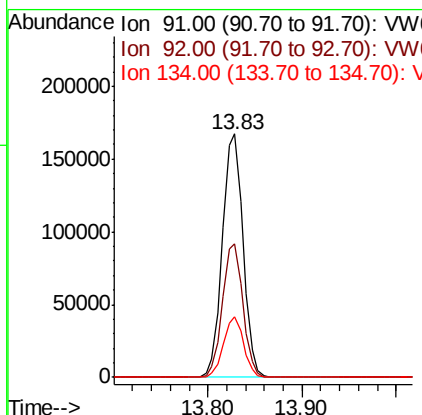
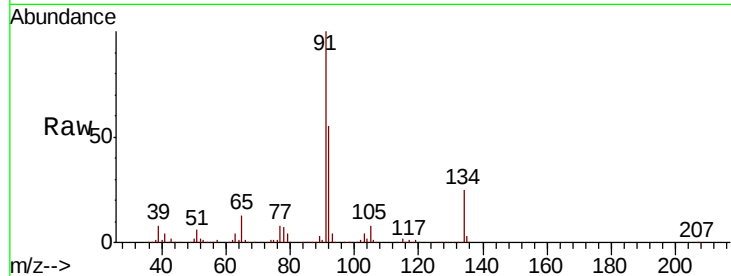




#89
n-Butylbenzene
Concen: 20.406 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

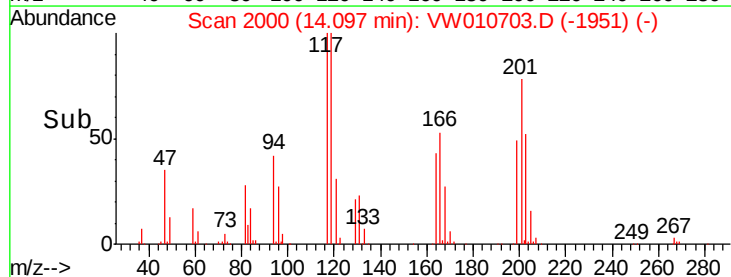
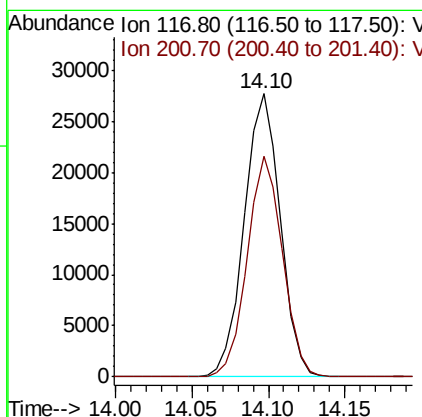
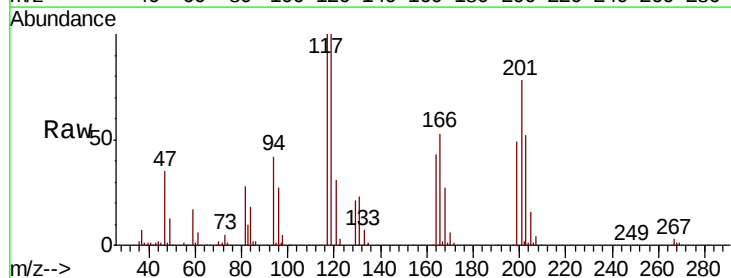
Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

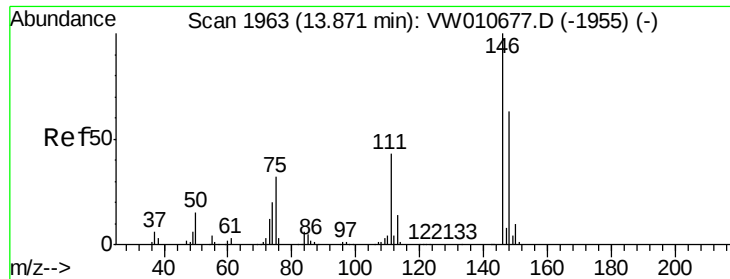
Tot Ion: 91 Resp: 253890
Ion Ratio Lower Upper
91 100
92 54.5 27.3 81.8
134 24.2 12.3 36.9



#90
Hexachloroethane
Concen: 20.285 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion: 117 Resp: 45299
Ion Ratio Lower Upper
117 100
201 76.3 38.8 116.4





#91

1,2-Dichlorobenzene

Concen: 19.120 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

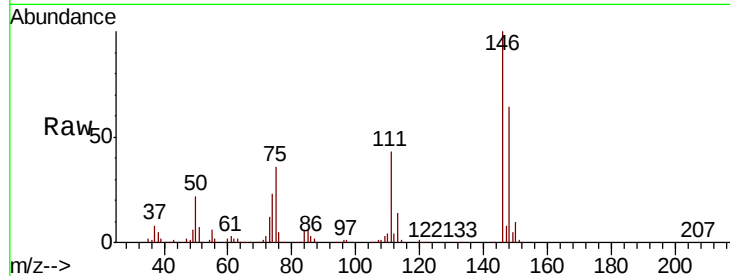
Tot Ion:146 Resp: 99795

Ion Ratio Lower Upper

146 100

111 43.3 21.5 64.5

148 63.9 31.9 95.5

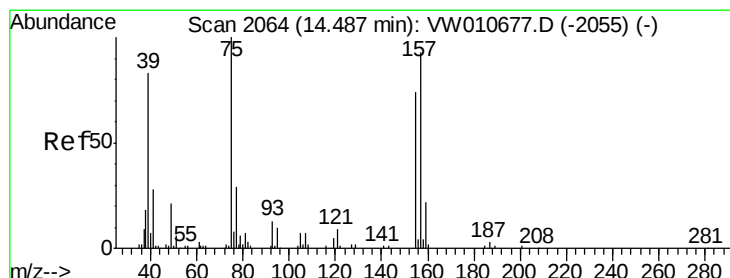
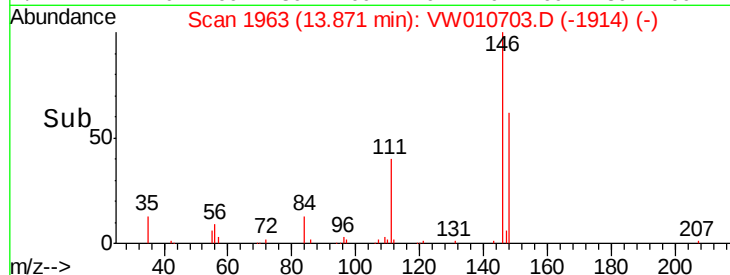
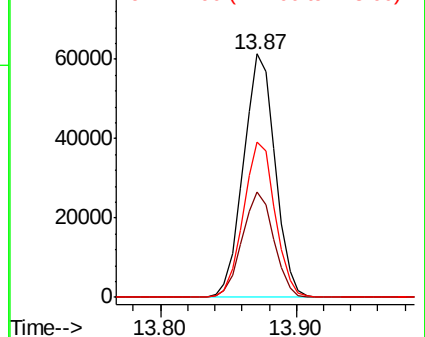


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.746 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

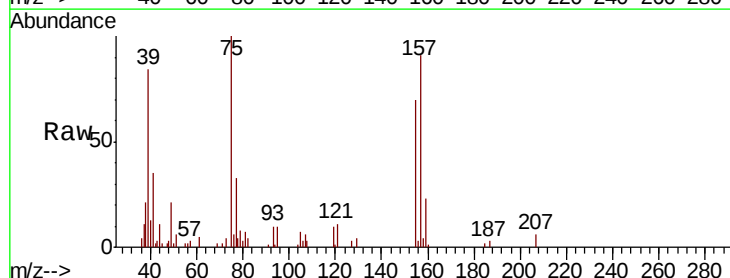
Tgt Ion: 75 Resp: 7548

Ion Ratio Lower Upper

75 100

155 73.4 38.8 116.4

157 92.5 48.4 145.0

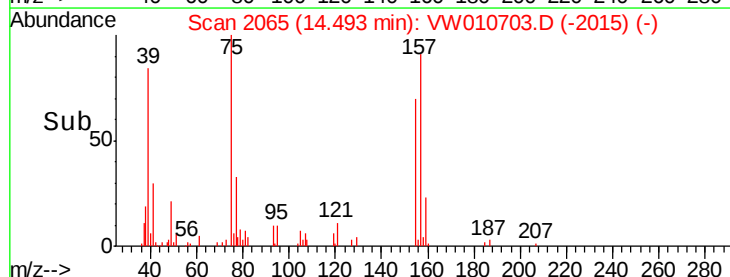
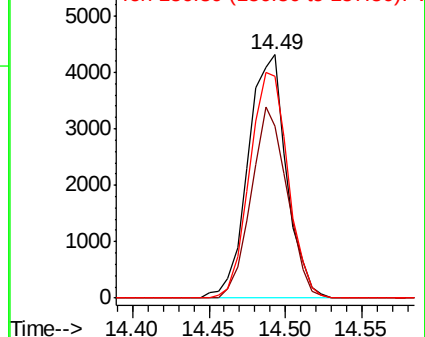


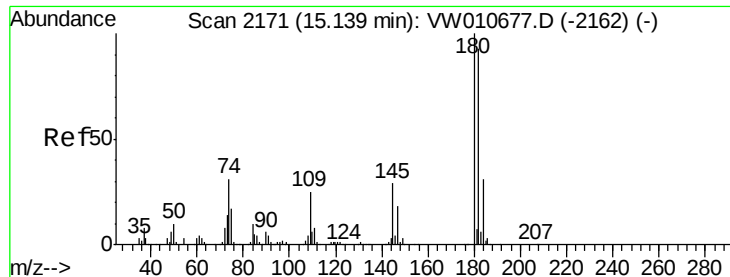
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

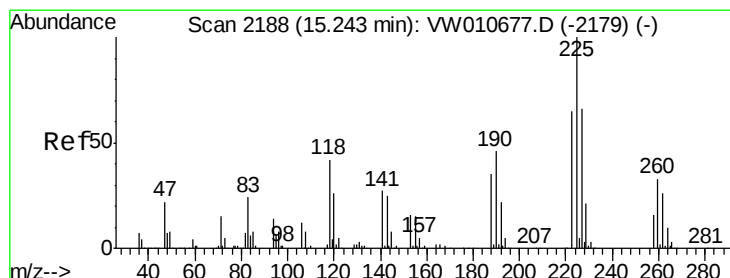
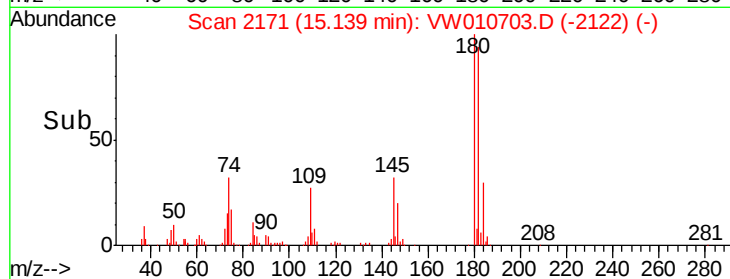
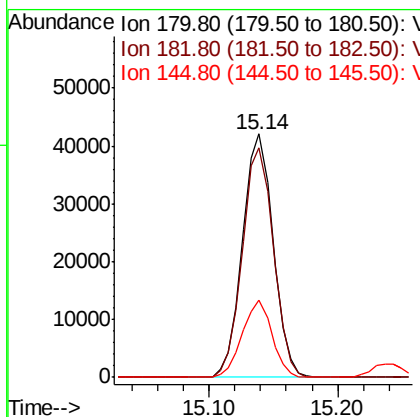
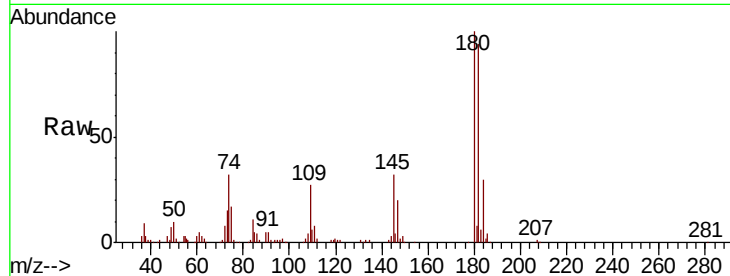




#93
 1,2,4-Trichlorobenzene
 Concen: 18.864 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

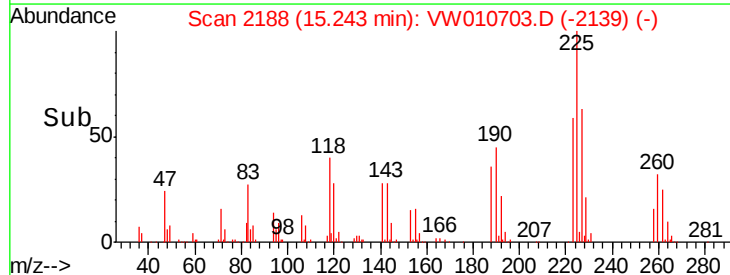
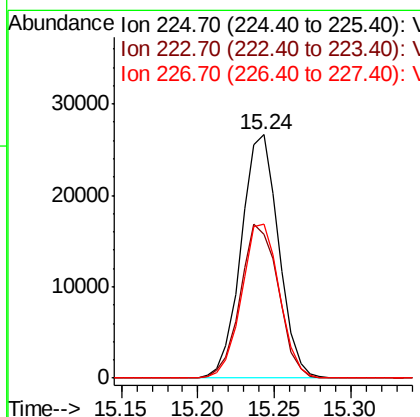
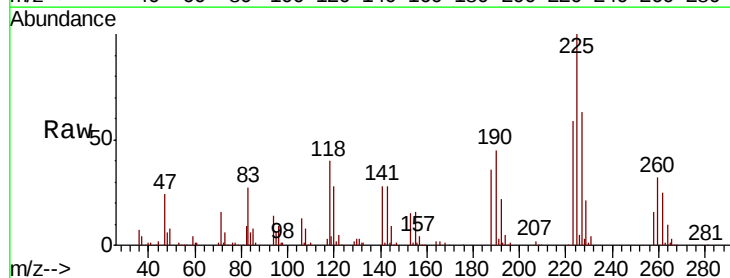
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

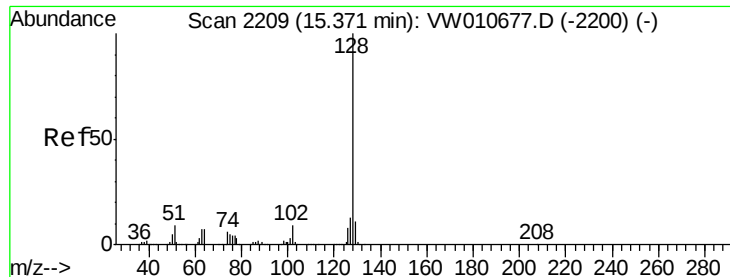
Tot Ion:180 Resp: 69093
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.1 141.4
 145 30.7 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 19.687 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Tgt Ion:225 Resp: 45255
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.2 96.6
 227 63.9 32.0 96.0

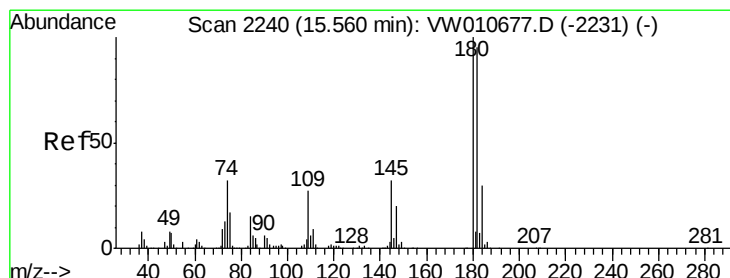
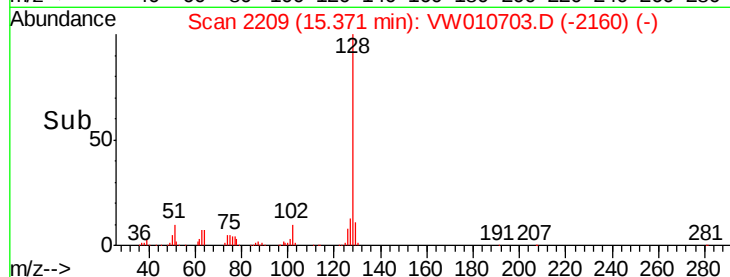
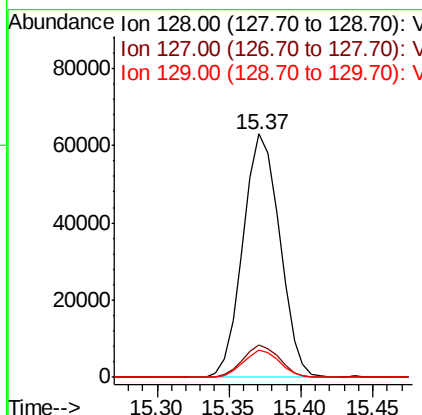
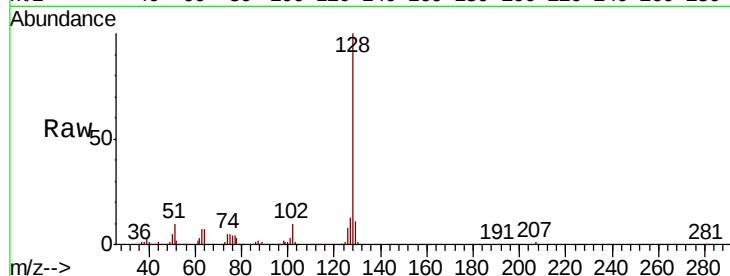




#95
Naphthalene
Concen: 16.803 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion:128 Resp: 111818
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.204 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion:180 Resp: 56704
Ion Ratio Lower Upper
180 100
182 97.1 47.0 141.0
145 32.3 16.1 48.3

