

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW060519\
 Data File : VW010685.D
 Acq On : 05 Jun 2019 11:58
 Operator : SY/VA
 Sample : VW0605SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

Quant Time: Jun 05 15:05:37 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	266991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	435644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	383822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	184115	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	173736	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
35) Dibromofluoromethane	7.88	113	132833	56.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.36%	
50) Toluene-d8	10.32	98	561553	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
62) 4-Bromofluorobenzene	12.62	95	205557	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	52176	21.147	ug/l	98
3) Chloromethane	2.21	50	75409	20.774	ug/l	97
4) Vinyl Chloride	2.36	62	69069	20.594	ug/l	99
5) Bromomethane	2.74	94	37585	20.407	ug/l	100
6) Chloroethane	2.90	64	41528	20.629	ug/l	97
7) Trichlorofluoromethane	3.25	101	90872	20.873	ug/l	99
8) Diethyl Ether	3.68	74	32282	20.749	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	55395	20.696	ug/l	100
10) Methyl Iodide	4.27	142	46005	19.882	ug/l	99
11) Tert butyl alcohol	5.17	59	28465	111.029	ug/l	98
12) 1,1-Dichloroethene	4.03	96	53787	20.832	ug/l	97
13) Acrolein	3.90	56	11565	110.392	ug/l	96
14) Allyl chloride	4.67	41	119122	20.924	ug/l	98
15) Acrylonitrile	5.37	53	81647	108.021	ug/l	98
16) Acetone	4.12	43	85467	101.358	ug/l	97
17) Carbon Disulfide	4.37	76	169516	20.682	ug/l	99
18) Methyl Acetate	4.68	43	40894	22.530	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	156617	21.031	ug/l	99
20) Methylene Chloride	4.92	84	62099	20.993	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	60485	20.636	ug/l	100
22) Diisopropyl ether	6.31	45	237957	20.878	ug/l	97
23) Vinyl Acetate	6.26	43	736382	107.056	ug/l	100
24) 1,1-Dichloroethane	6.21	63	118993	20.832	ug/l	99
25) 2-Butanone	7.17	43	125547	107.375	ug/l	99
26) 2,2-Dichloropropane	7.17	77	99127	21.327	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	65987	20.457	ug/l	100
28) Bromochloromethane	7.51	49	53245	20.888	ug/l	97
29) Tetrahydrofuran	7.53	42	80591	109.582	ug/l	99
30) Chloroform	7.68	83	107970	20.666	ug/l	99
31) Cyclohexane	7.95	56	127504	20.081	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	95607	20.949	ug/l	100
36) 1,1-Dichloropropene	8.09	75	92746	20.798	ug/l	99
37) Ethyl Acetate	7.25	43	52903	21.409	ug/l	99
38) Carbon Tetrachloride	8.07	117	80290	20.857	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	115091	20.303	ug/l	97
40) Benzene	8.32	78	251401	20.666	ug/l	99
41) Methacrylonitrile	7.49	41	30937	21.063	ug/l	98
42) 1,2-Dichloroethane	8.40	62	81890	21.209	ug/l	99
43) Isopropyl Acetate	8.42	43	102794	21.532	ug/l	99
44) Trichloroethene	9.09	130	61650	20.544	ug/l	99
45) 1,2-Dichloropropane	9.37	63	67253	20.884	ug/l	99
46) Dibromomethane	9.46	93	31626	21.144	ug/l	99
47) Bromodichloromethane	9.65	83	81288	20.965	ug/l	98
48) Methyl methacrylate	9.44	41	48739	21.175	ug/l	98
49) 1,4-Dioxane	9.45	88	10289	439.977	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	266334	109.203	ug/l	100
52) Toluene	10.39	92	155875	20.825	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	86823	21.142	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	101787	21.063	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	45551	21.140	ug/l	97
56) Ethyl methacrylate	10.65	69	71345	21.518	ug/l	98
57) 1,3-Dichloropropane	10.93	76	85049	20.944	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	180361	103.855	ug/l	99
59) 2-Hexanone	10.97	43	192611	109.274	ug/l	100
60) Dibromochloromethane	11.13	129	50219	21.024	ug/l	99
61) 1,2-Dibromoethane	11.24	107	42906	21.016	ug/l	98
64) Tetrachloroethene	10.87	164	51116	20.058	ug/l	98
65) Chlorobenzene	11.66	112	155547	20.608	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	53315	20.405	ug/l	98
67) Ethyl Benzene	11.73	91	298130	20.552	ug/l	99
68) m/p-Xylenes	11.84	106	215342	41.470	ug/l	99
69) o-Xylene	12.17	106	101655	20.641	ug/l	97
70) Styrene	12.18	104	177061	20.696	ug/l	99
71) Bromoform	12.35	173	28775	21.294	ug/l #	99
73) Isopropylbenzene	12.47	105	284988	20.598	ug/l	99
74) N-amyl acetate	12.27	43	96602	21.604	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	55815	21.191	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	74424	38.493	ug/l #	100
77) Bromobenzene	12.75	156	61773	20.454	ug/l	98
78) n-propylbenzene	12.80	91	340418	20.405	ug/l	100
79) 2-Chlorotoluene	12.90	91	196277	20.593	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	231078	20.405	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	18022	21.423	ug/l	99
82) 4-Chlorotoluene	12.99	91	204128	20.754	ug/l	99
83) tert-Butylbenzene	13.21	119	195691	20.361	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	232646	20.415	ug/l	100
85) sec-Butylbenzene	13.38	105	284775	20.351	ug/l	100
86) p-Isopropyltoluene	13.50	119	254246	20.318	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	121328	20.832	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	119026	20.614	ug/l	99
89) n-Butylbenzene	13.83	91	253795	20.327	ug/l	100
90) Hexachloroethane	14.10	117	45548	20.325	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	107626	20.549	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9576	21.172	ug/l	98

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

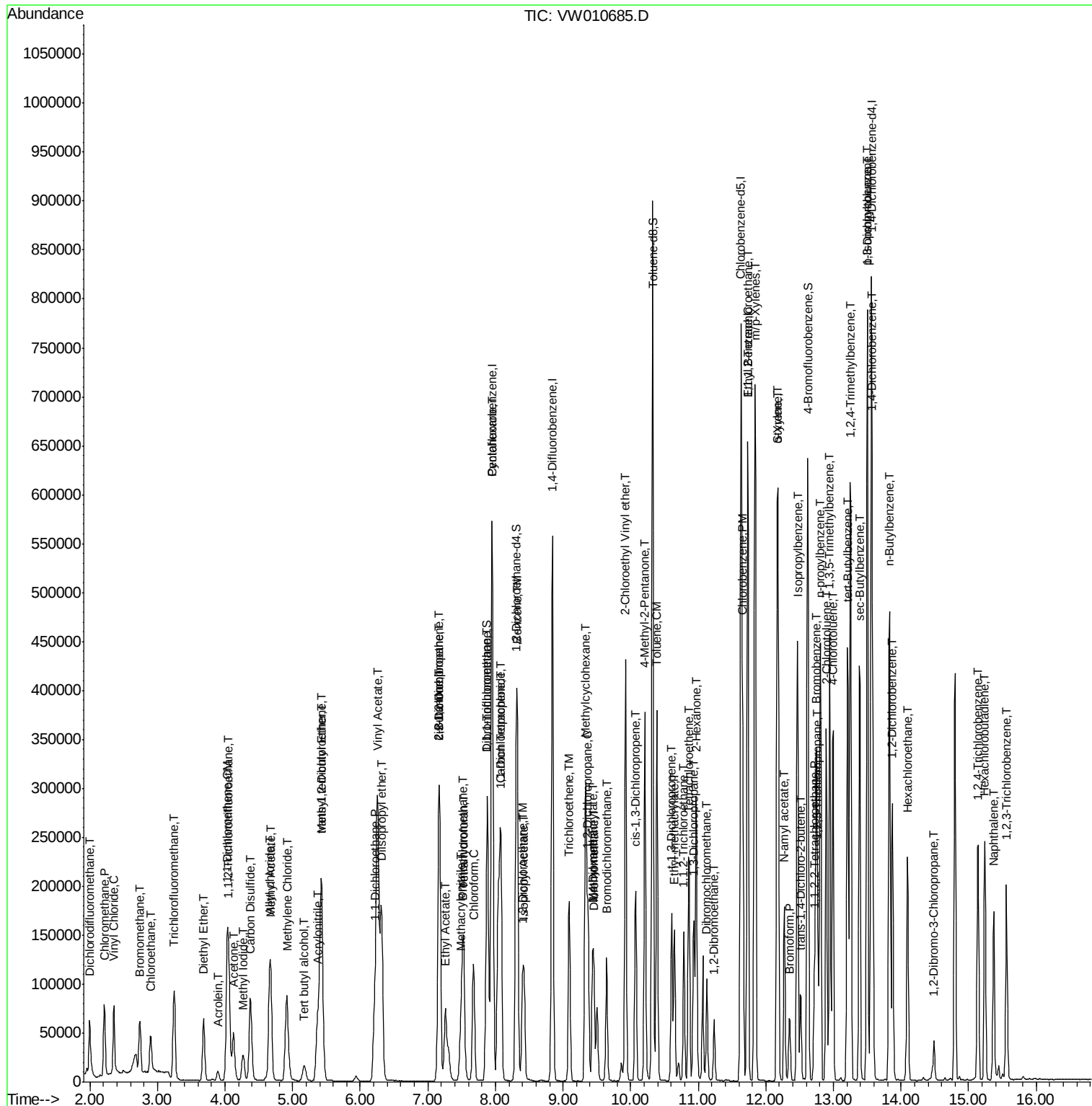
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	75845	20.635	ug/l	98
94) Hexachlorobutadiene	15.24	225	46804	20.290	ug/l	99
95) Naphthalene	15.37	128	140701	21.070	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	66013	21.119	ug/l	98

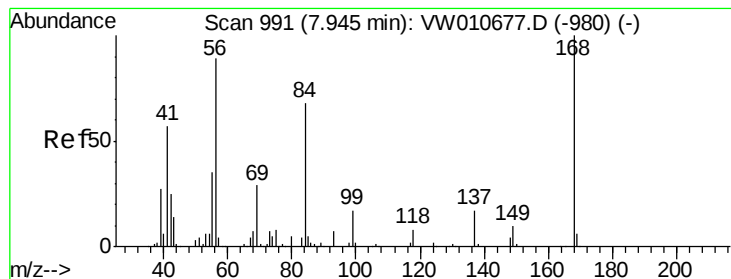
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

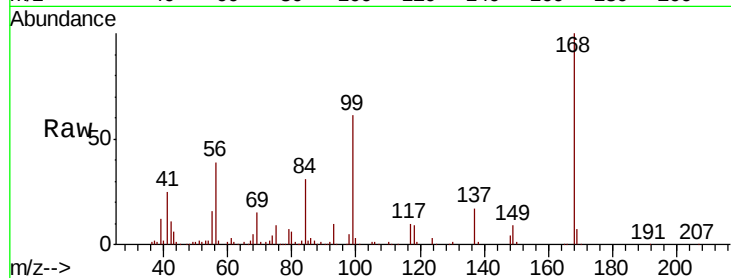
VW0605SBS02

Tgt Ion:168 Resp: 266991

Ion Ratio Lower Upper

168 100

99 61.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

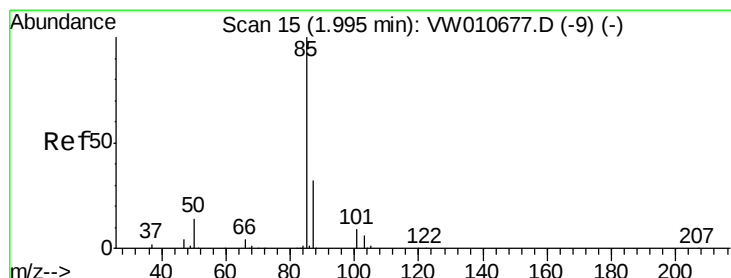
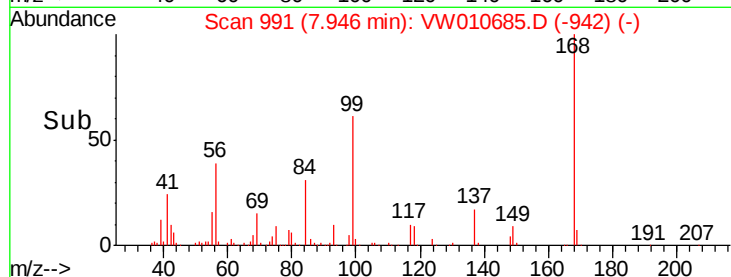
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 21.147 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010685.D

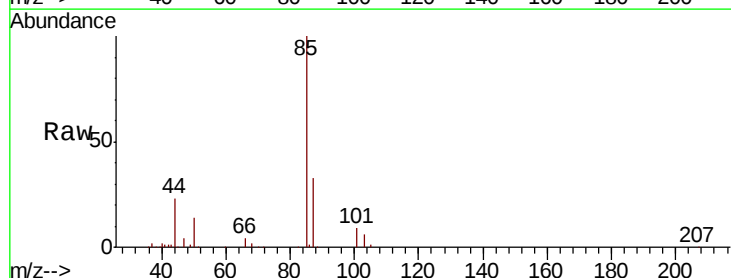
Acq: 05 Jun 2019 11:58

Tgt Ion: 85 Resp: 52176

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

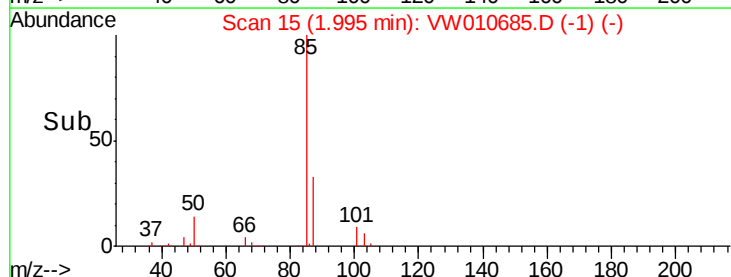
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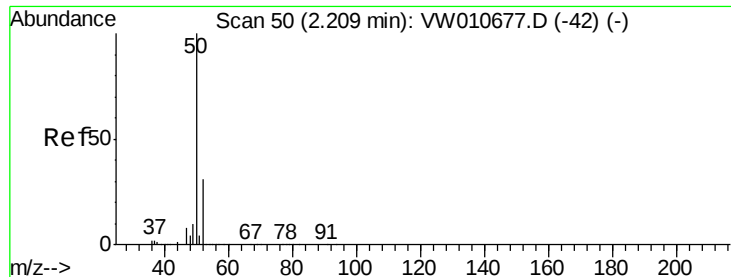
20000

10000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 20.774 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

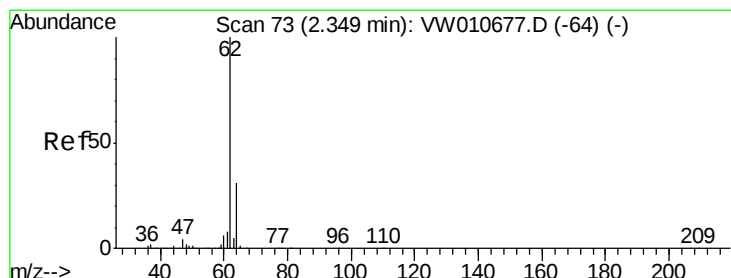
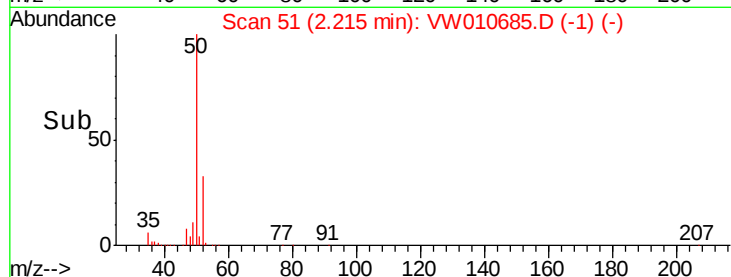
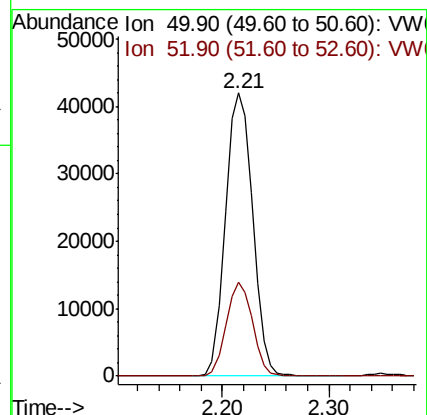
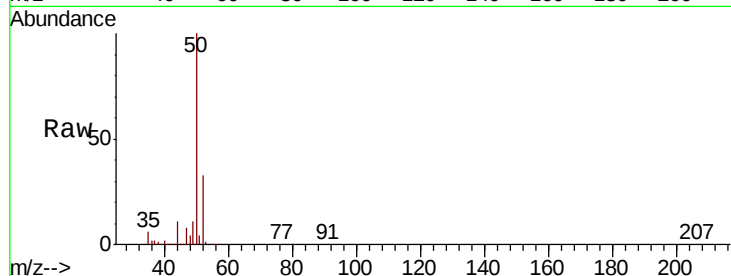
VW0605SBS02

Tgt Ion: 50 Resp: 75409

Ion Ratio Lower Upper

50 100

52 33.0 25.2 37.8



#4

Vinyl Chloride

Concen: 20.594 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010685.D

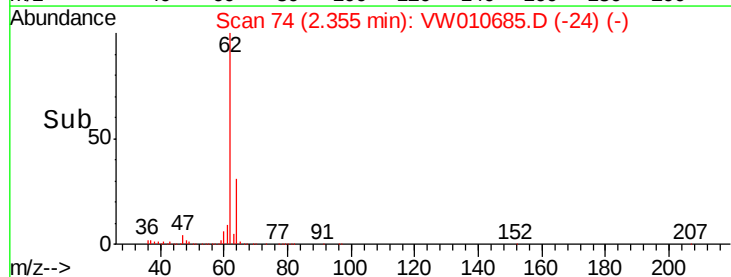
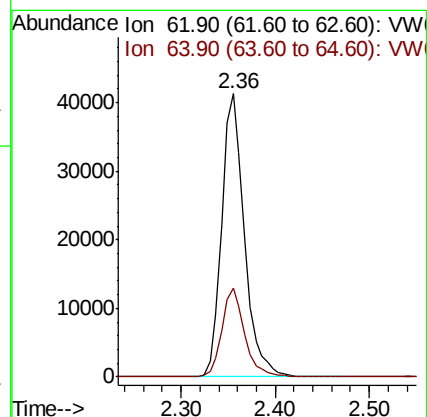
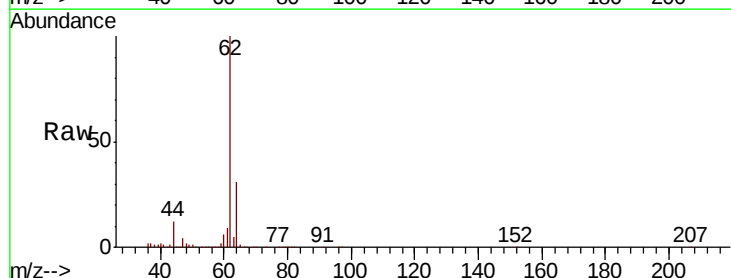
Acq: 05 Jun 2019 11:58

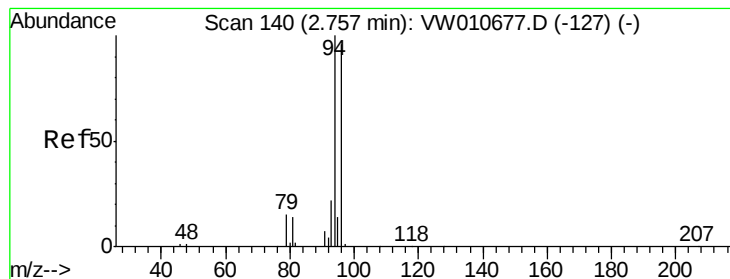
Tgt Ion: 62 Resp: 69069

Ion Ratio Lower Upper

62 100

64 31.3 24.5 36.7





#5

Bromomethane

Concen: 20.407 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

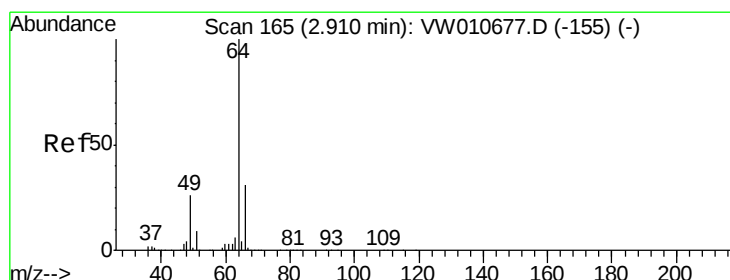
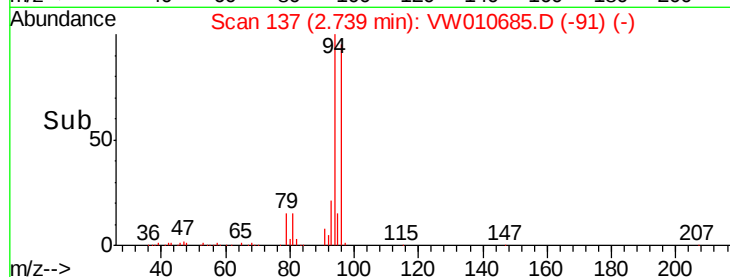
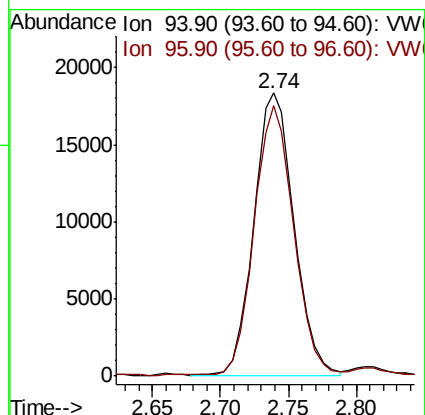
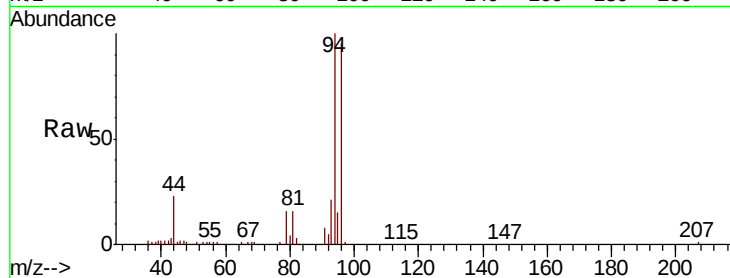
VW0605SBS02

Tgt Ion: 94 Resp: 37585

Ion Ratio Lower Upper

94 100

96 95.2 76.5 114.7



#6

Chloroethane

Concen: 20.629 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW010685.D

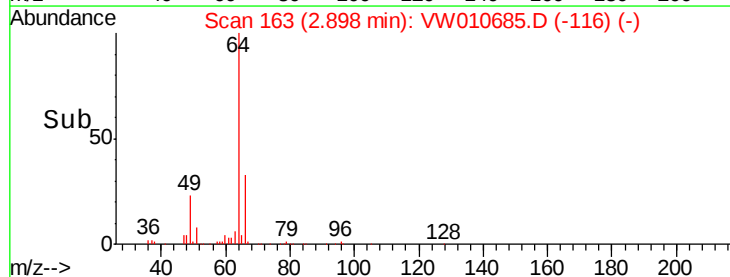
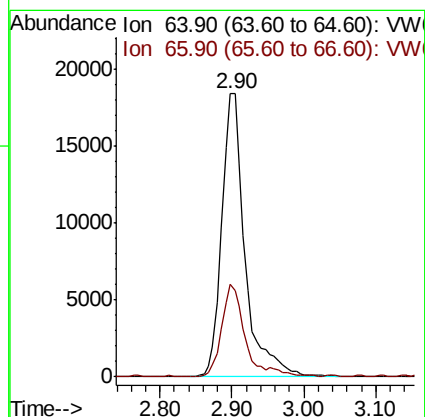
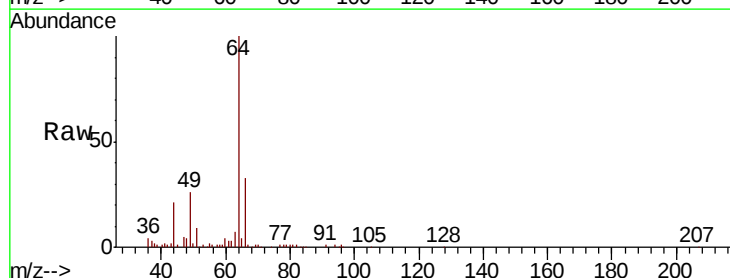
Acq: 05 Jun 2019 11:58

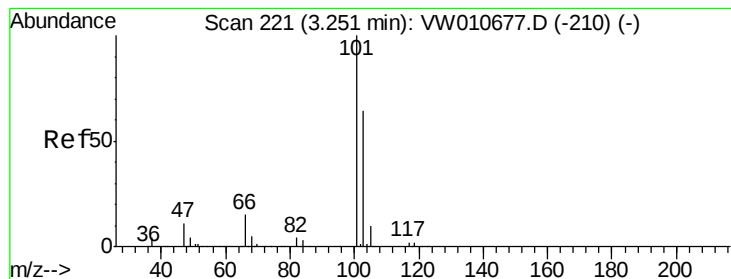
Tgt Ion: 64 Resp: 41528

Ion Ratio Lower Upper

64 100

66 32.9 25.1 37.7



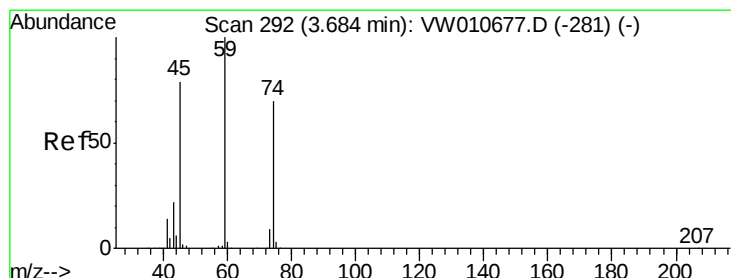
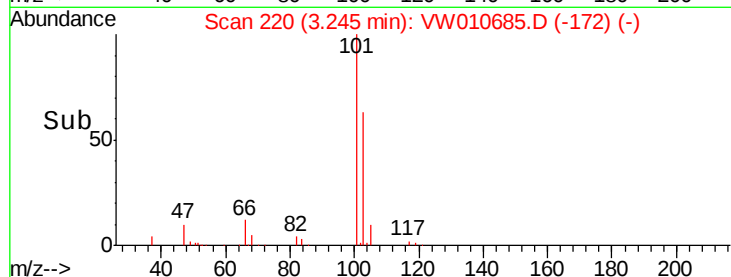
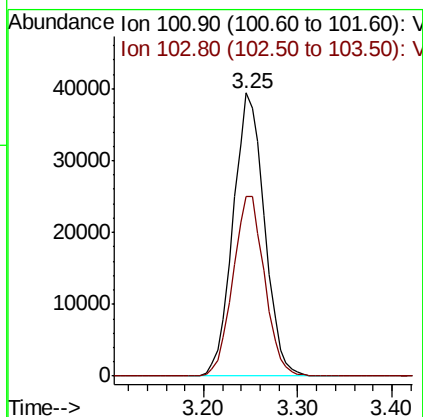
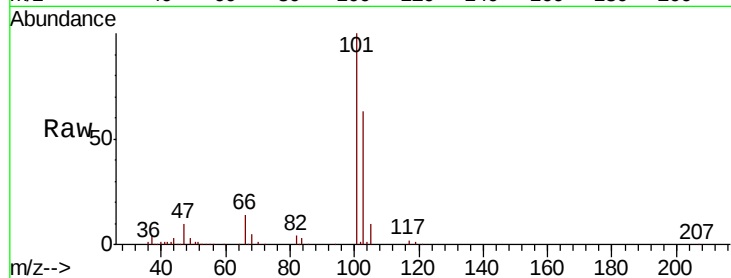


#7

Trichlorofluoromethane
 Concen: 20.873 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

Instrument :
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 VW0605SBS02

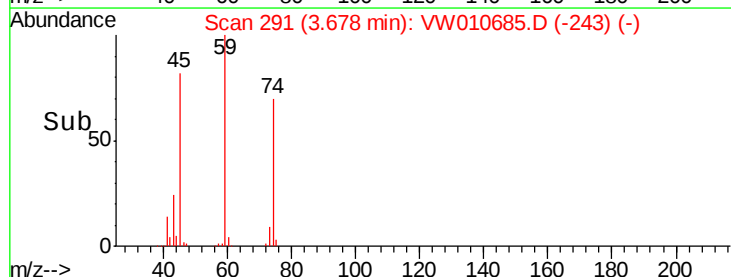
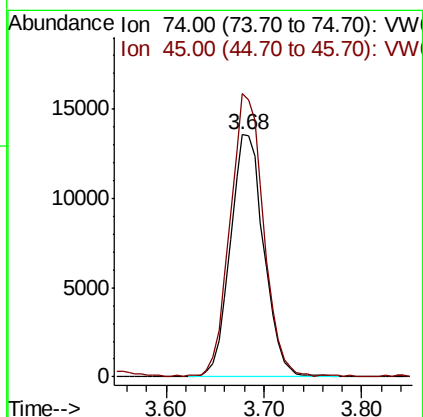
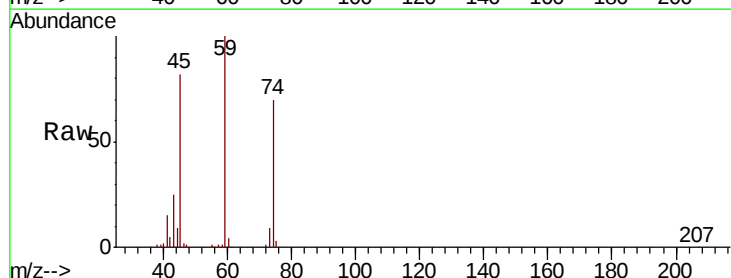
Tgt Ion:101 Resp: 90872
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.2 76.8

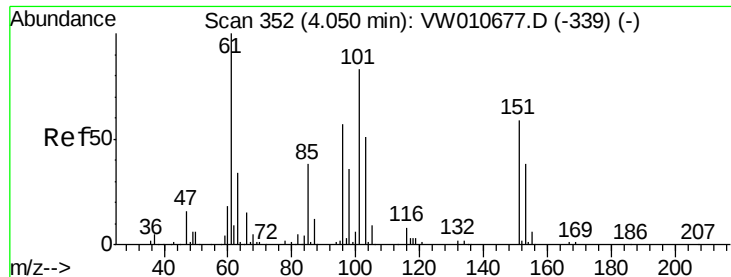


#8

Diethyl Ether
 Concen: 20.749 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

Tgt Ion: 74 Resp: 32282
 Ion Ratio Lower Upper
 74 100
 45 117.1 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.696 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

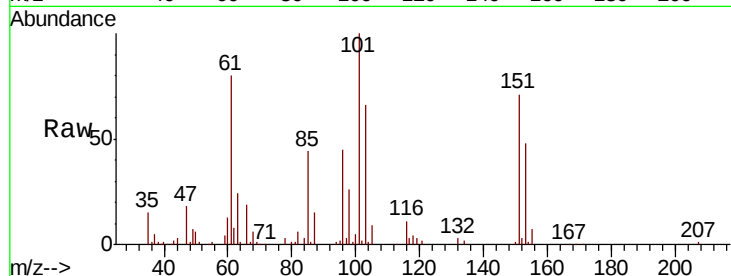
Tgt Ion:101 Resp: 55395

Ion Ratio Lower Upper

101 100

85 44.3 35.8 53.8

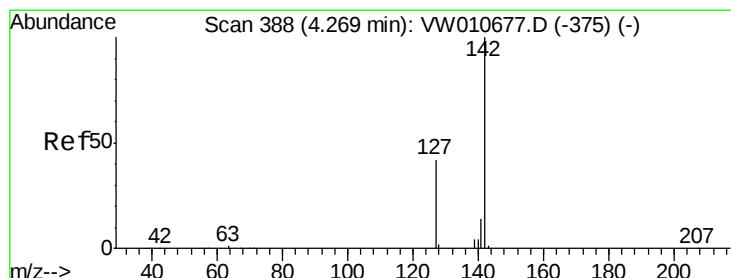
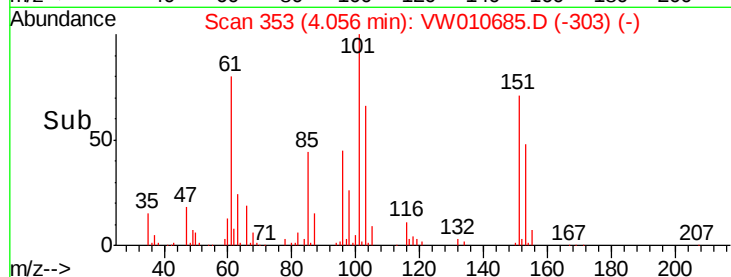
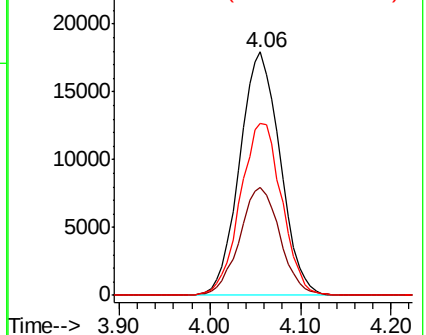
151 72.6 58.1 87.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.882 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

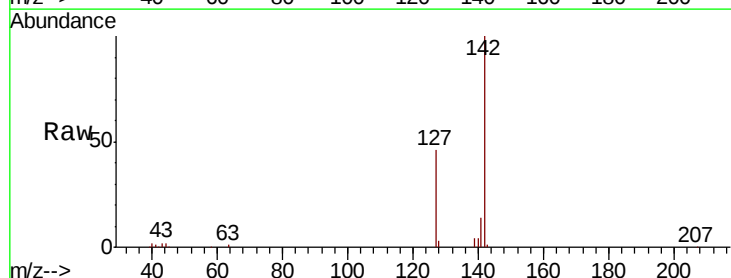
Tgt Ion:142 Resp: 46005

Ion Ratio Lower Upper

142 100

127 43.9 34.6 51.8

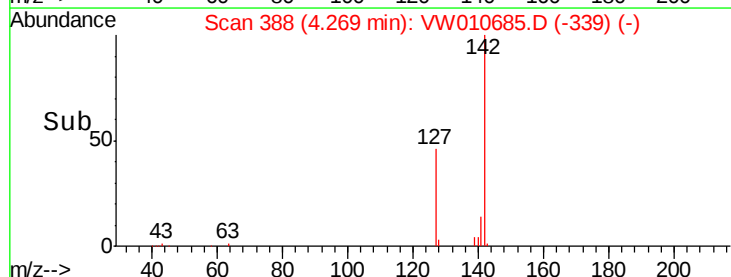
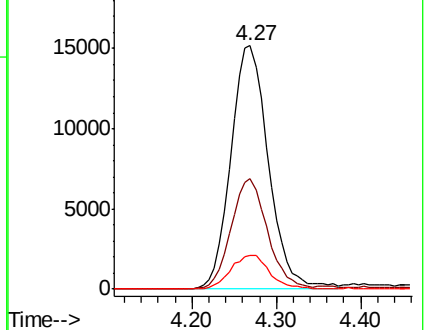
141 14.2 11.6 17.4

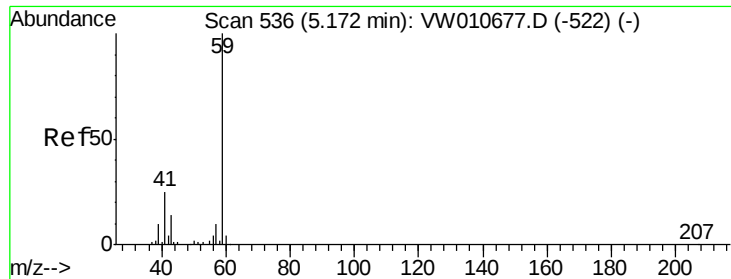


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

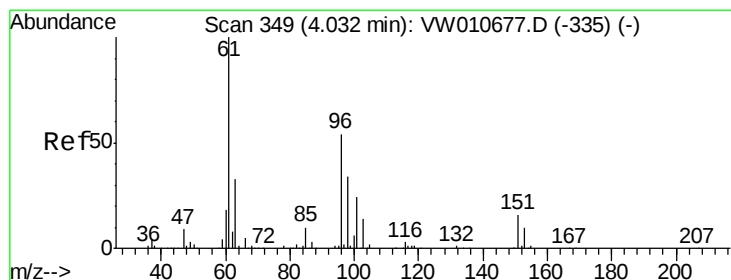
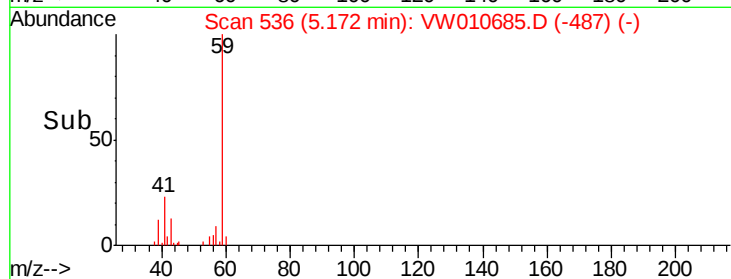
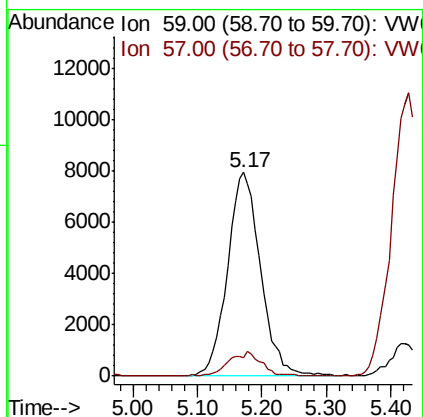
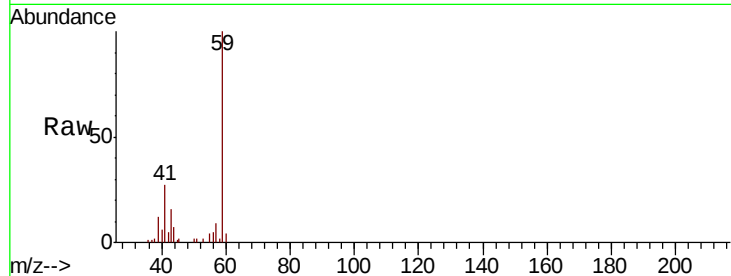




#11
Tert butyl alcohol
Concen: 111.029 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

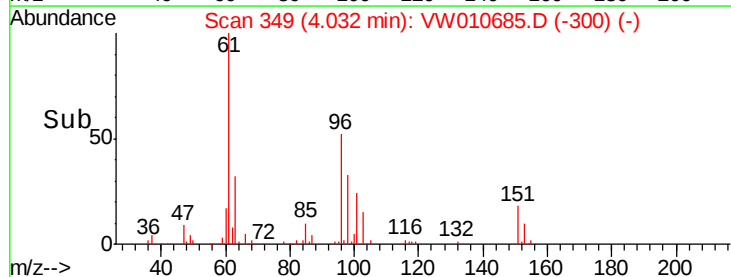
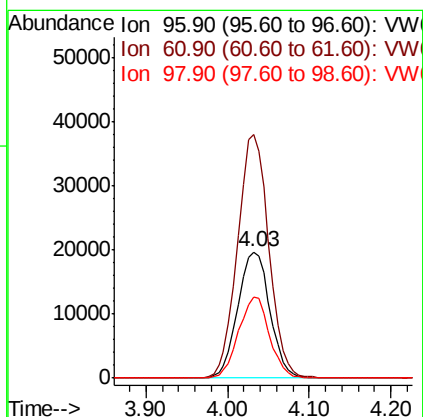
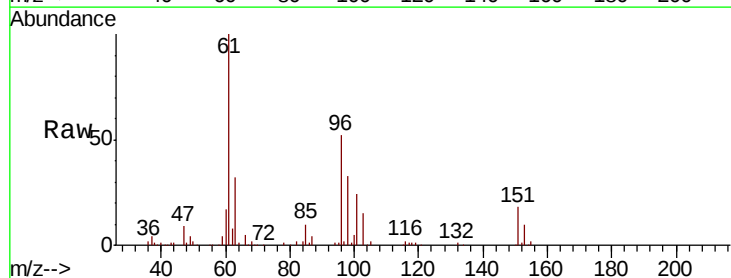
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

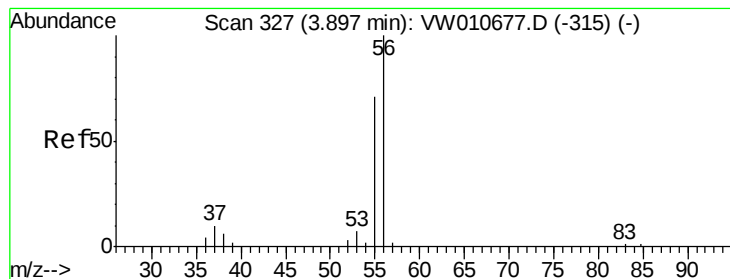
Tgt Ion: 59 Resp: 28465
Ion Ratio Lower Upper
59 100
57 11.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 20.832 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

Tgt Ion: 96 Resp: 53787
Ion Ratio Lower Upper
96 100
61 192.8 149.1 223.7
98 64.4 51.1 76.7





#13

Acrolein

Concen: 110.392 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

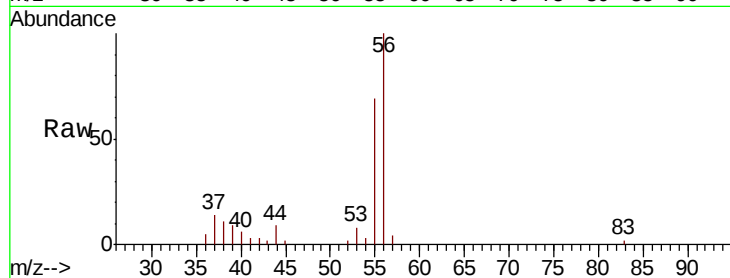
VW0605SBS02

Tgt Ion: 56 Resp: 11565

Ion Ratio Lower Upper

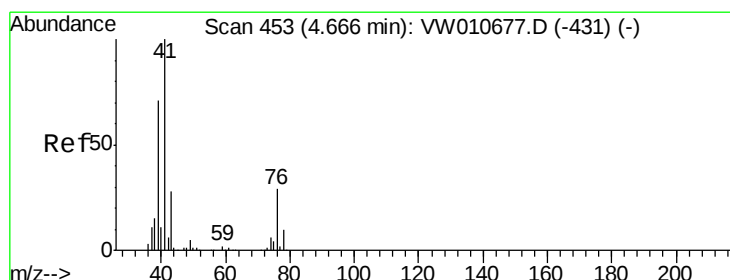
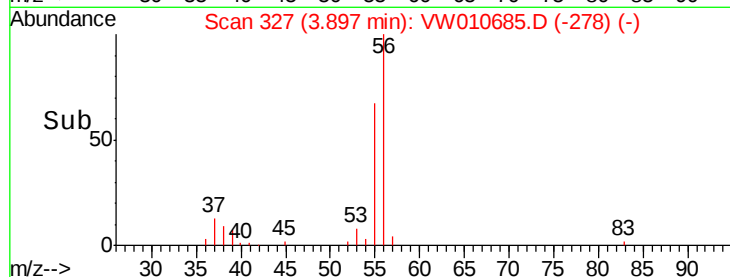
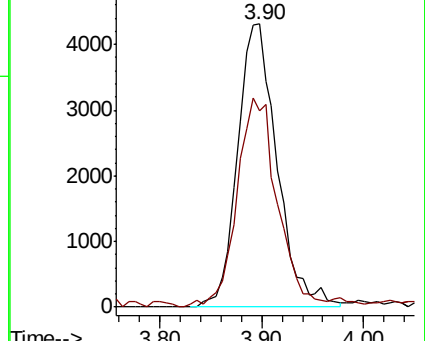
56 100

55 75.7 57.6 86.4



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.924 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

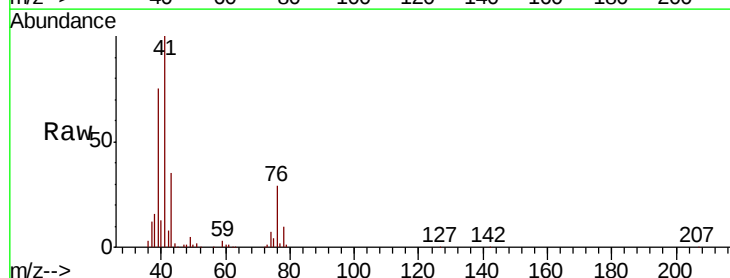
Tgt Ion: 41 Resp: 119122

Ion Ratio Lower Upper

41 100

39 71.9 55.8 83.6

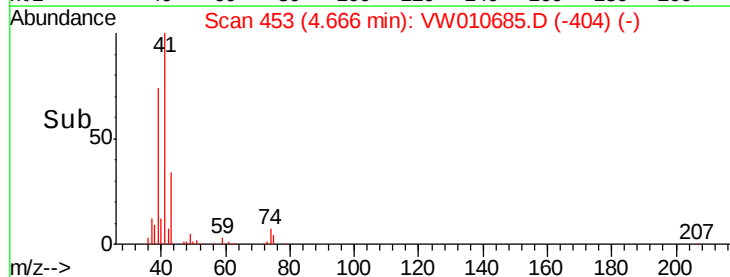
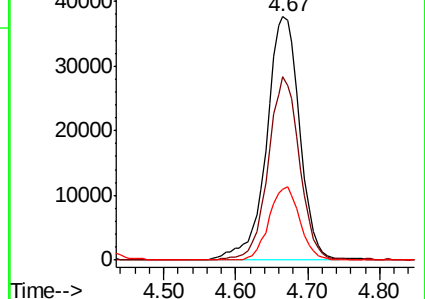
76 28.0 22.7 34.1

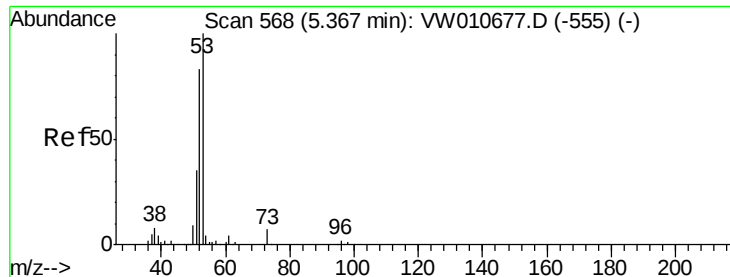


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 108.021 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

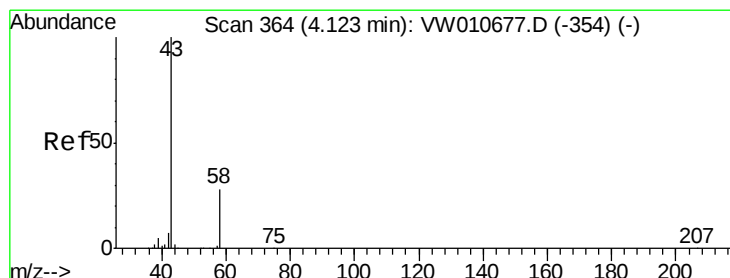
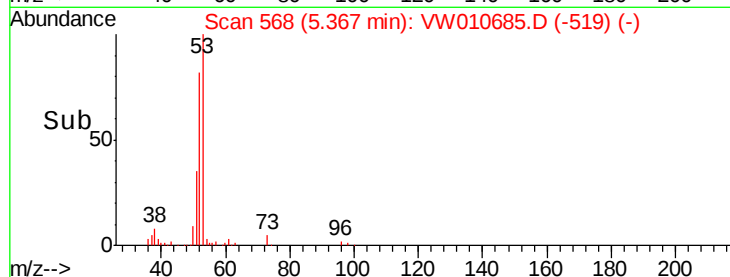
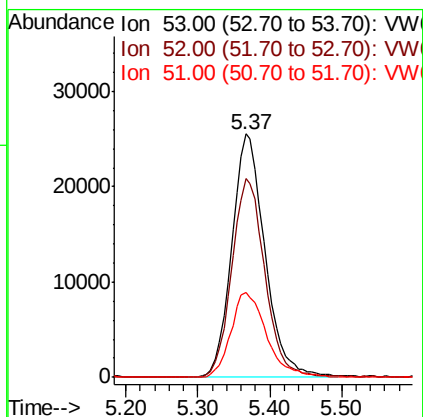
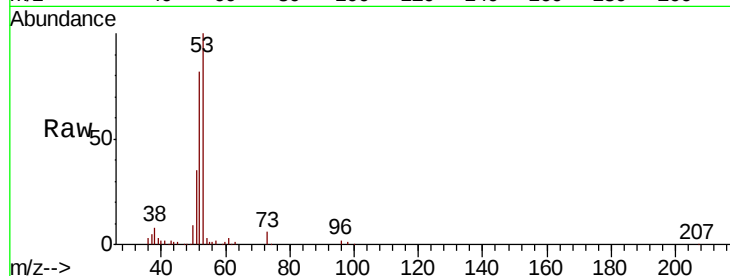
Tgt Ion: 53 Resp: 81647

Ion Ratio Lower Upper

53 100

52 81.4 66.6 100.0

51 37.4 29.8 44.8



#16

Acetone

Concen: 101.358 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010685.D

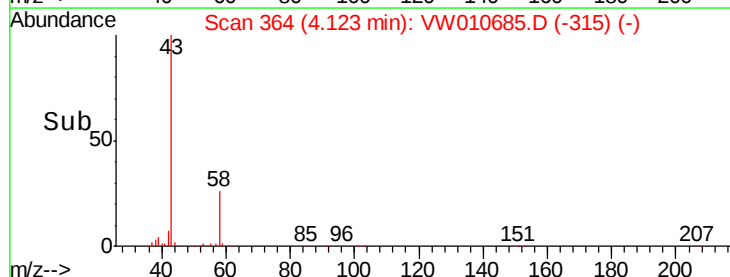
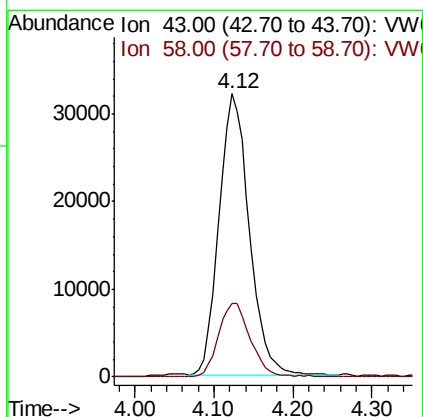
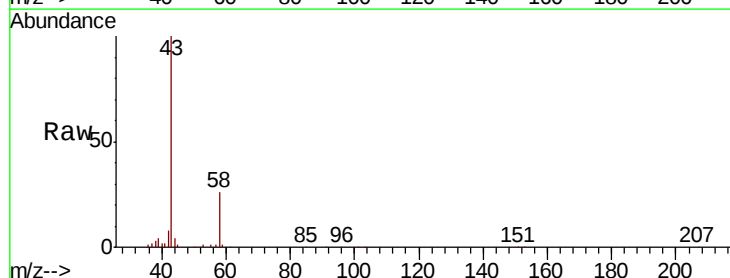
Acq: 05 Jun 2019 11:58

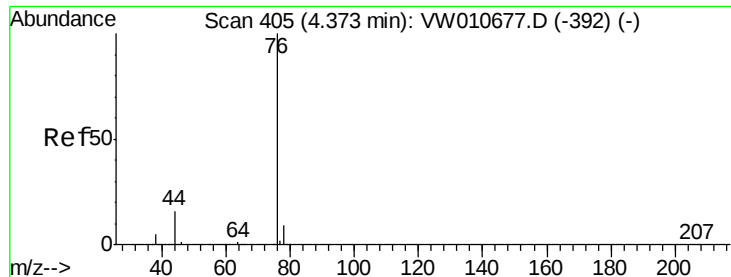
Tgt Ion: 43 Resp: 85467

Ion Ratio Lower Upper

43 100

58 25.8 22.1 33.1

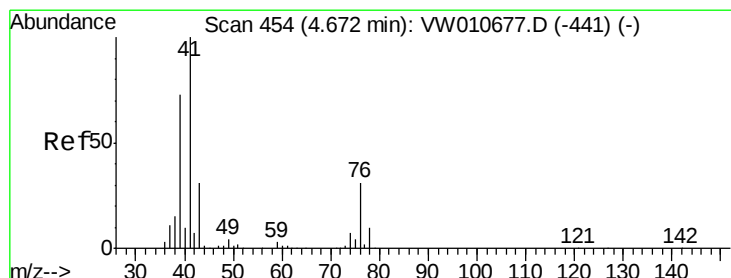
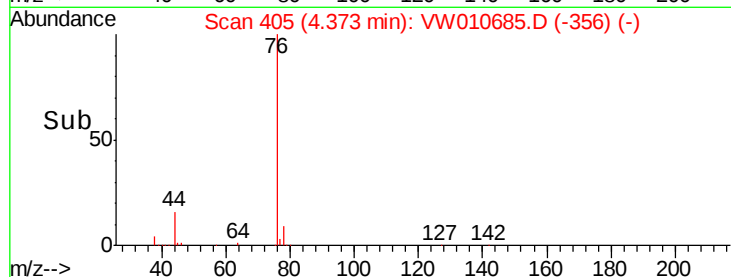
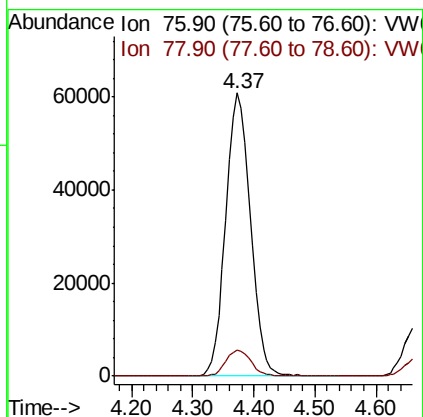
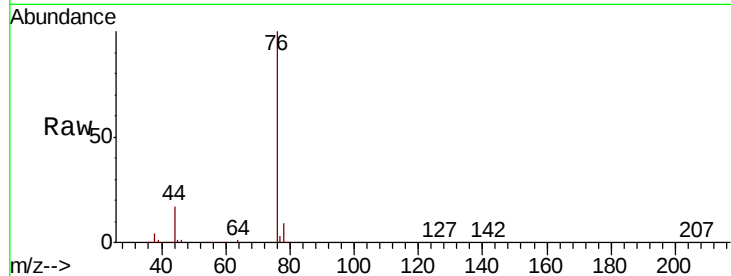




#17
Carbon Disulfide
Concen: 20.682 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

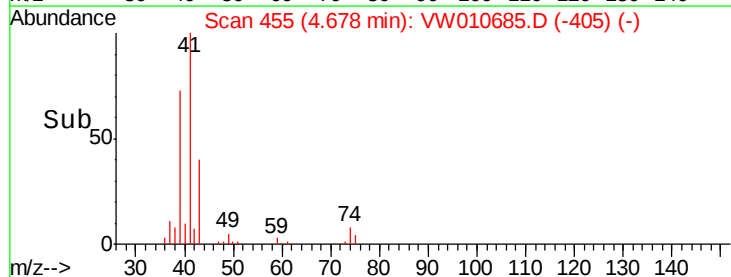
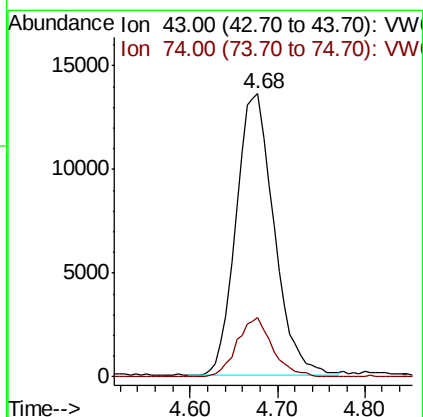
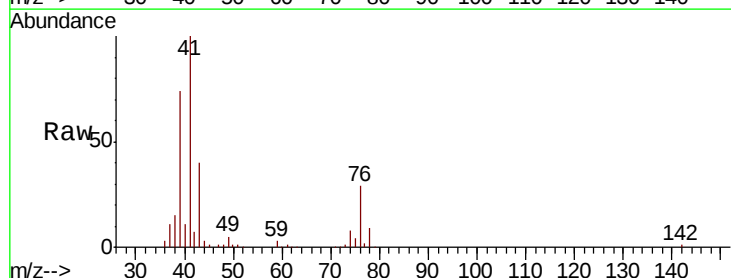
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

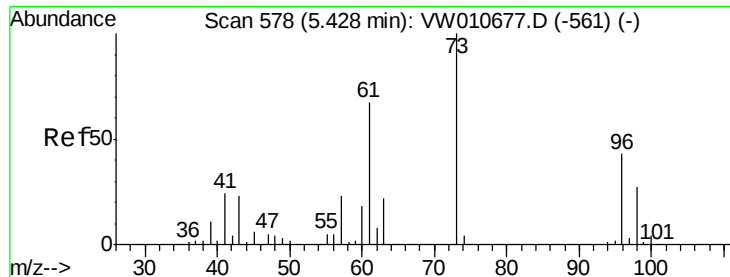
Tgt Ion: 76 Resp: 169516
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 22.530 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

Tgt Ion: 43 Resp: 40894
Ion Ratio Lower Upper
43 100
74 19.8 16.7 25.1

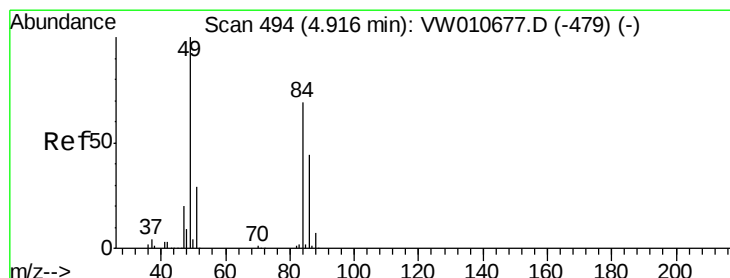
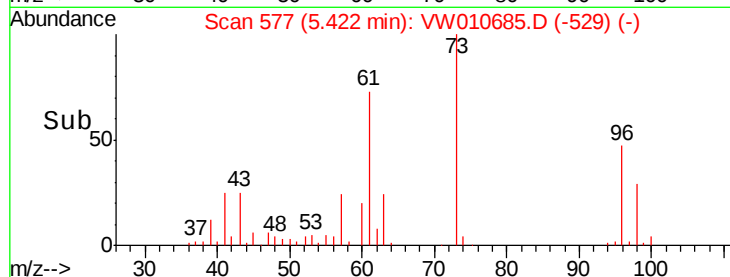
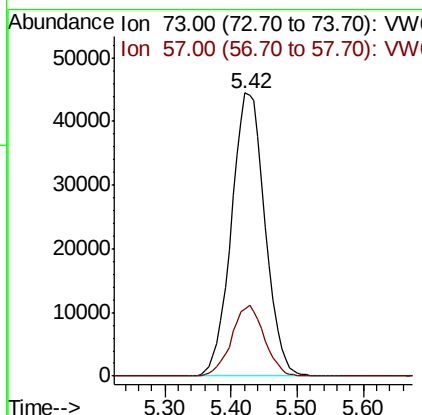
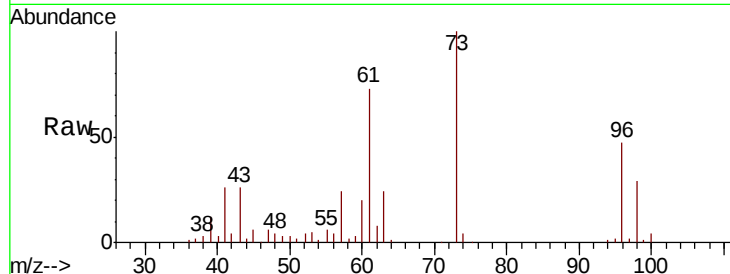




#19
Methyl tert-butyl Ether
Concen: 21.031 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

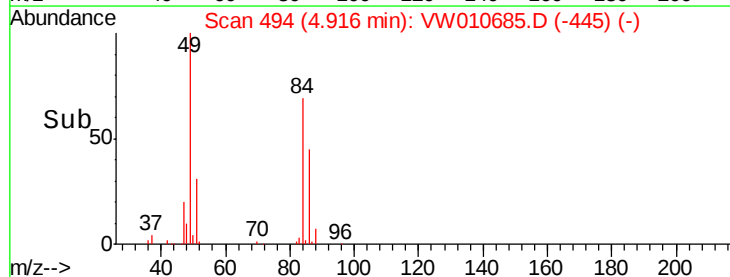
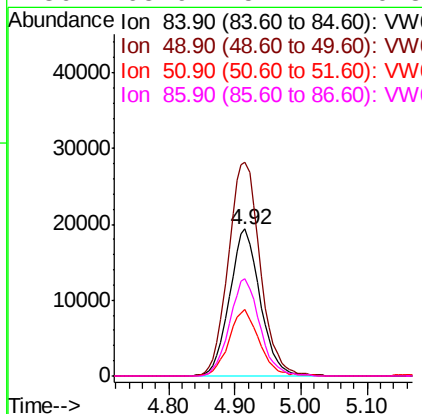
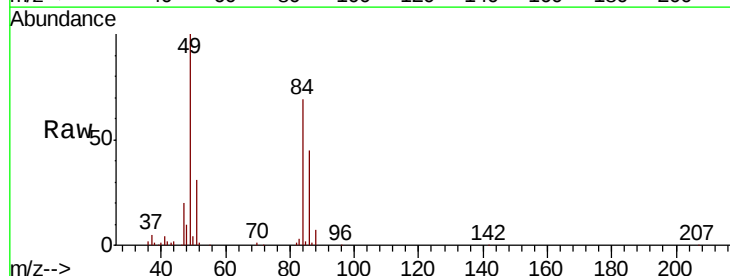
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

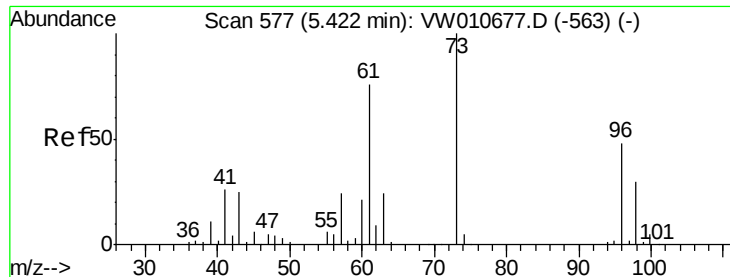
Tgt Ion: 73 Resp: 156617
Ion Ratio Lower Upper
73 100
57 23.9 18.6 27.8



#20
Methylene Chloride
Concen: 20.993 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

Tgt Ion: 84 Resp: 62099
Ion Ratio Lower Upper
84 100
49 145.3 116.7 175.1
51 44.9 34.2 51.2
86 65.9 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.636 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

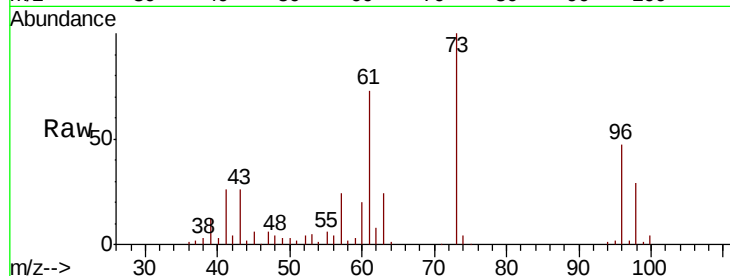
Tgt Ion: 96 Resp: 60485

Ion Ratio Lower Upper

96 100

61 157.2 126.0 189.0

98 61.9 49.6 74.4

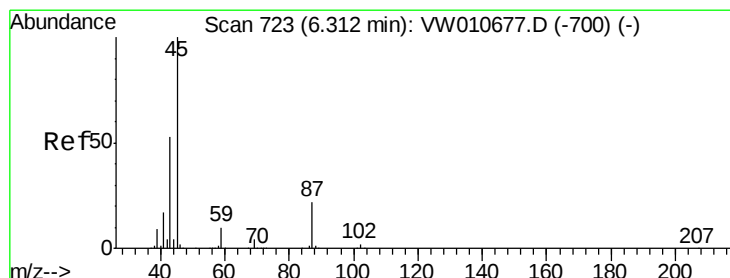
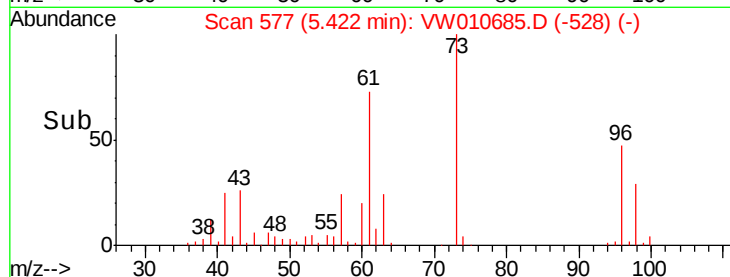
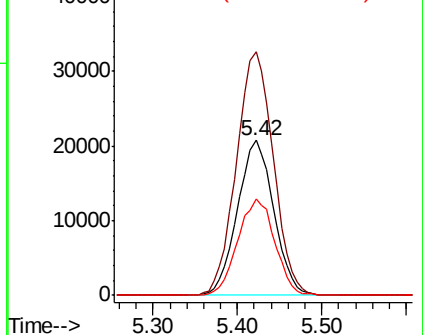


Abundance

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: 20.878 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Tgt Ion: 45 Resp: 237957

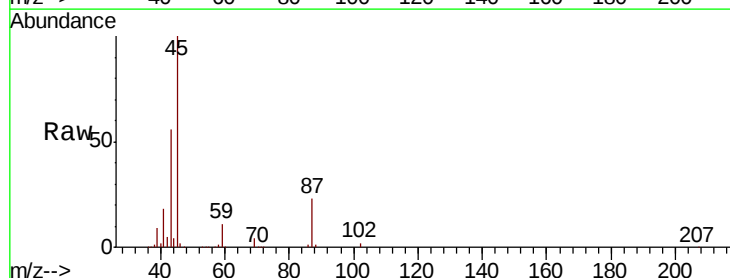
Ion Ratio Lower Upper

45 100

43 55.0 42.5 63.7

87 22.7 17.4 26.2

59 11.1 8.1 12.1



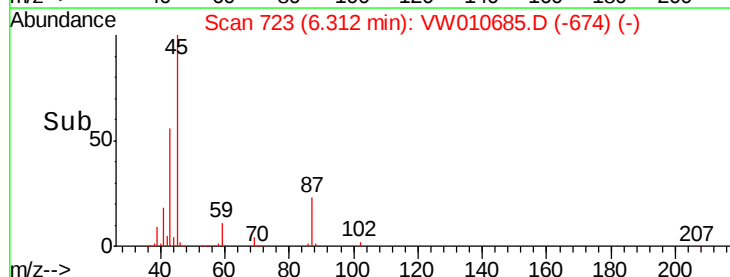
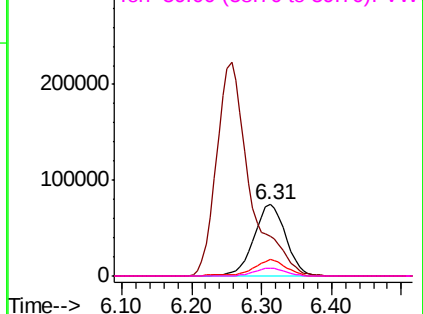
Abundance

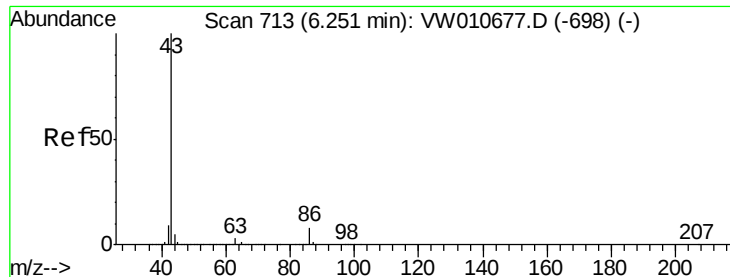
Ion 45.00 (44.70 to 45.70): VW

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

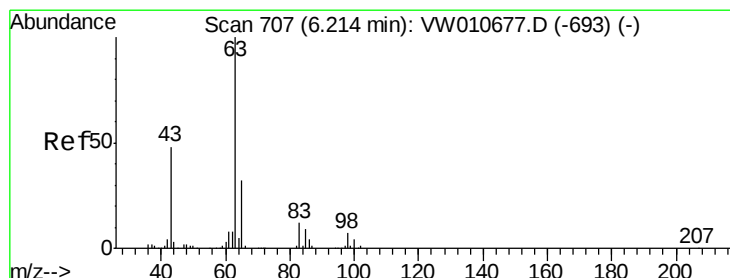
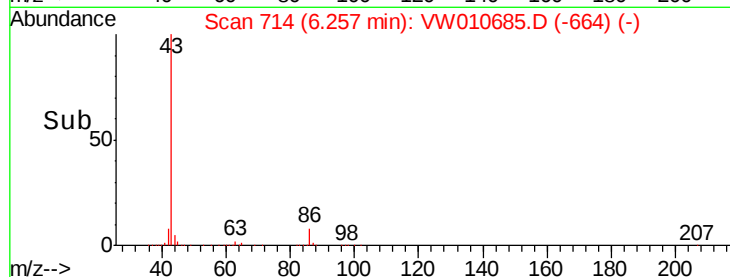
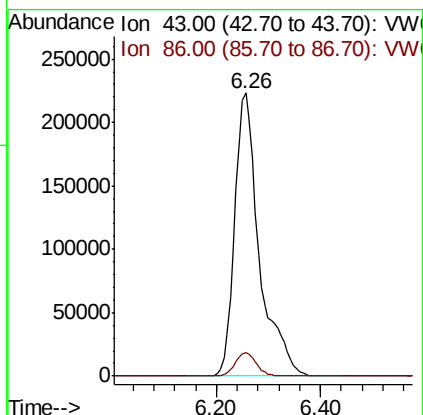
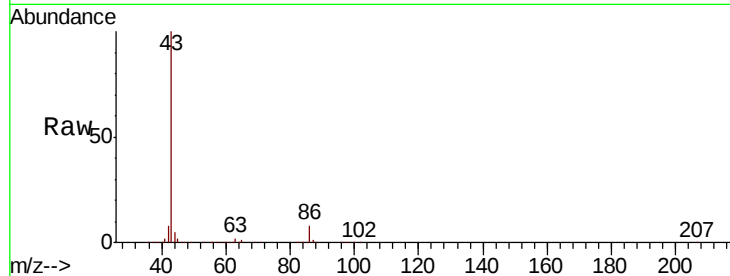




#23
 Vinyl Acetate
 Concen: 107.056 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

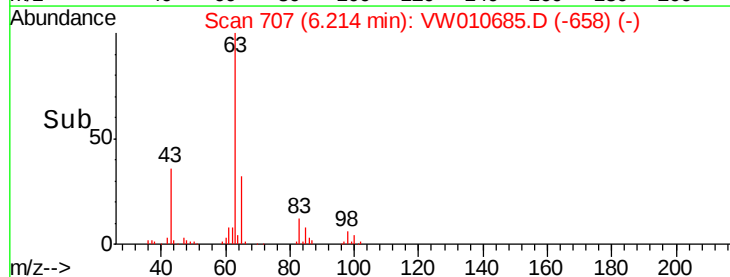
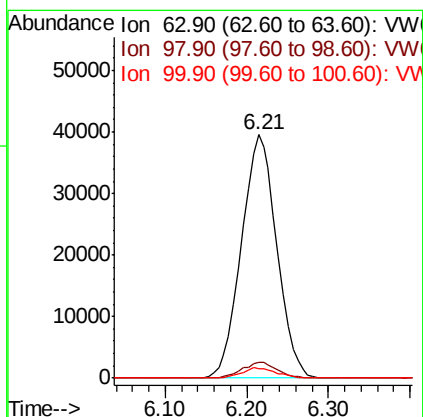
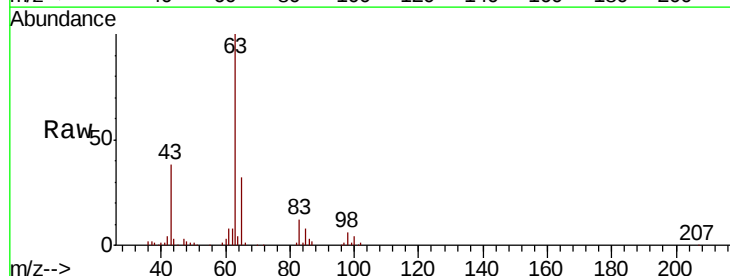
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

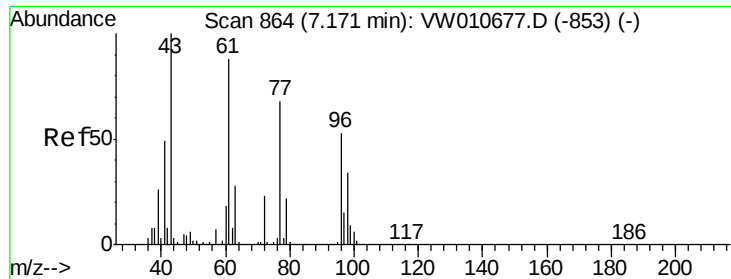
Tgt Ion: 43 Resp: 736382
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.6 10.0



#24
 1,1-Dichloroethane
 Concen: 20.832 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

Tgt Ion: 63 Resp: 118993
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 3.8 2.1 6.3





#25

2-Butanone

Concen: 107.375 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampled :

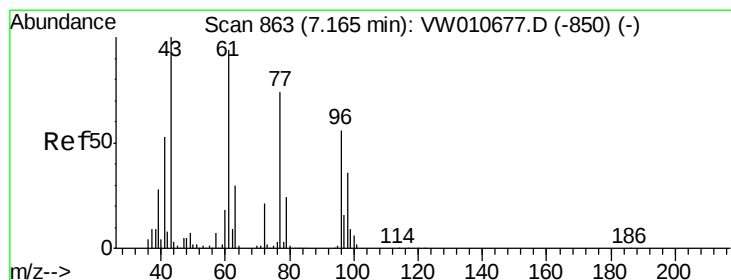
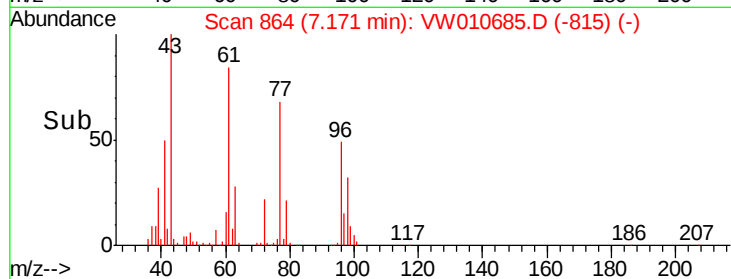
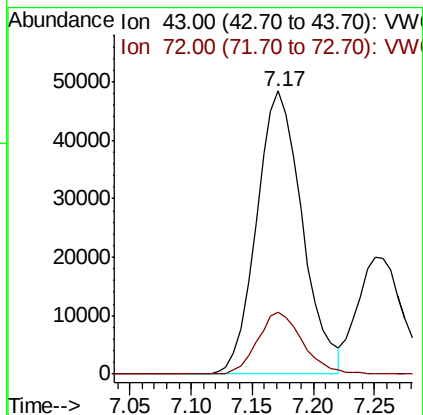
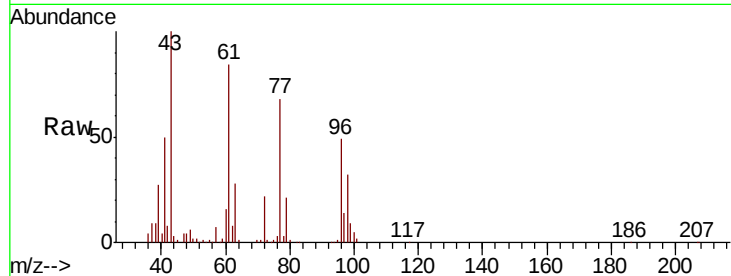
VW0605SBS02

Tgt Ion: 43 Resp: 125547

Ion Ratio Lower Upper

43 100

72 21.9 18.1 27.1



#26

2,2-Dichloropropane

Concen: 21.327 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010685.D

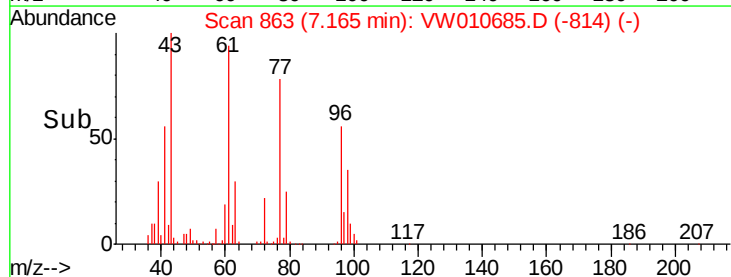
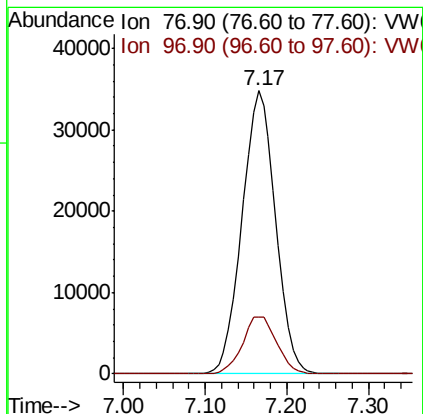
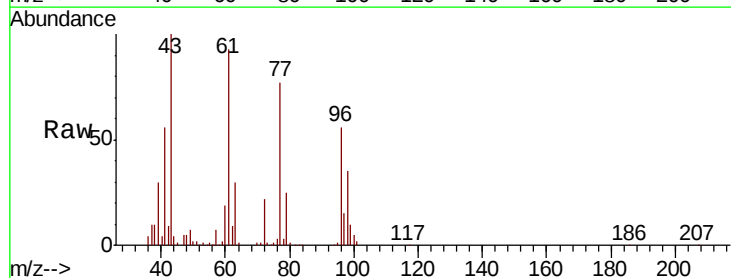
Acq: 05 Jun 2019 11:58

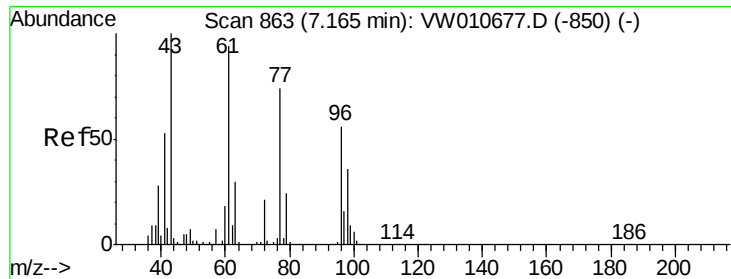
Tgt Ion: 77 Resp: 99127

Ion Ratio Lower Upper

77 100

97 20.8 10.5 31.6



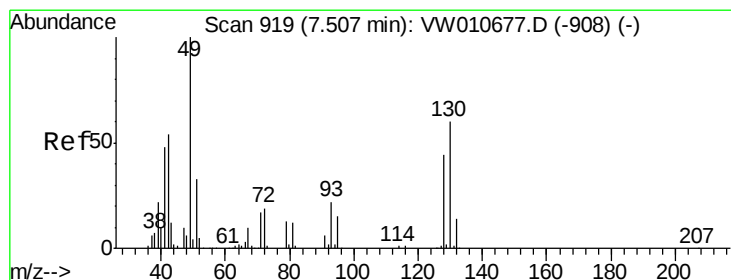
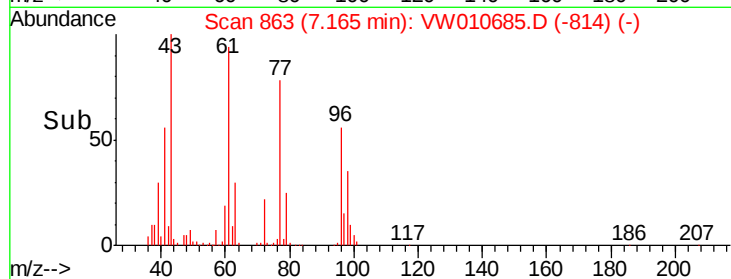
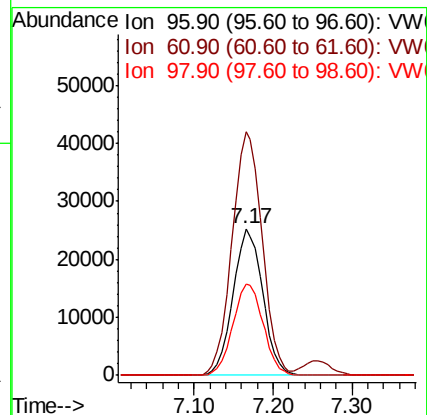
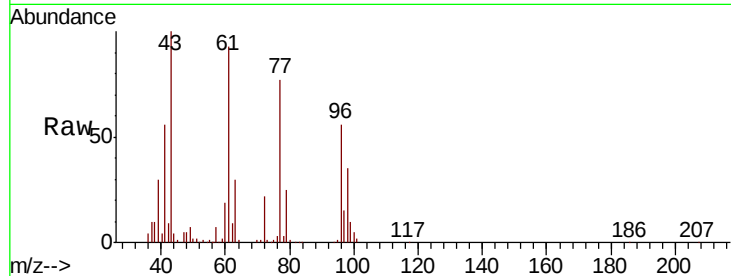


#27

cis-1,2-Dichloroethene
Concen: 20.457 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

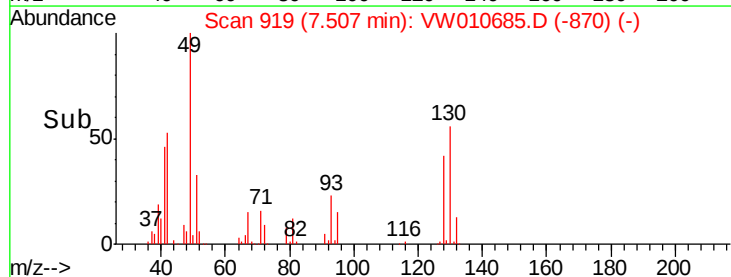
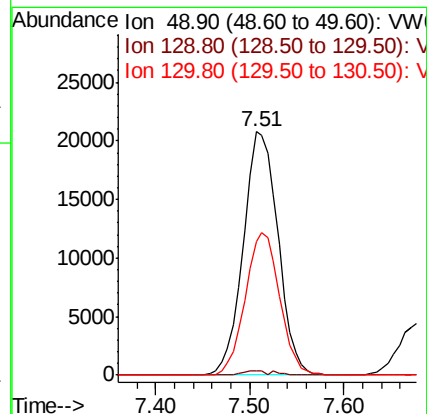
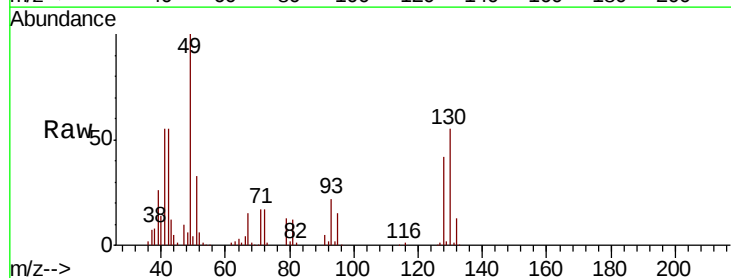
Tgt Ion: 96 Resp: 65987
Ion Ratio Lower Upper
96 100
61 168.7 0.0 336.4
98 63.7 0.0 128.0

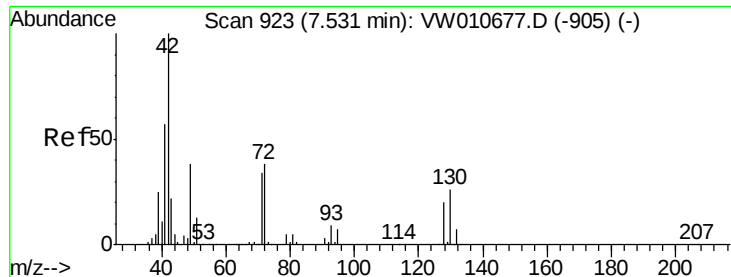


#28

Bromochloromethane
Concen: 20.888 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

Tgt Ion: 49 Resp: 53245
Ion Ratio Lower Upper
49 100
129 0.9 0.0 3.2
130 58.1 48.3 72.5

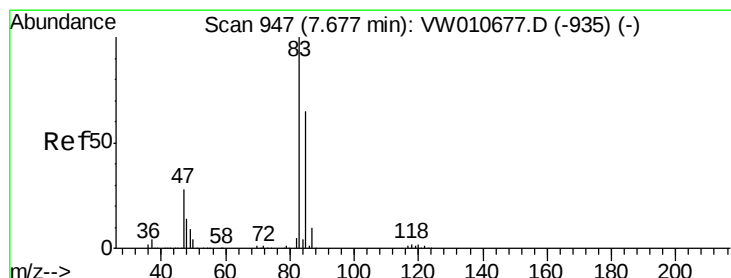
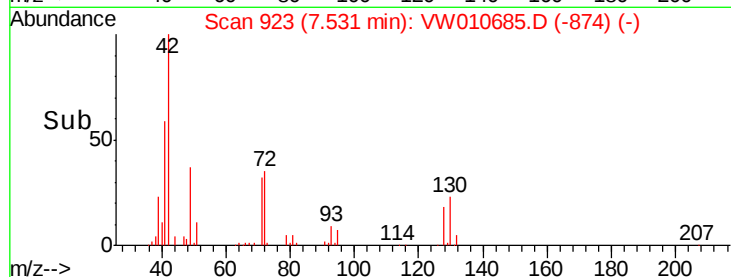
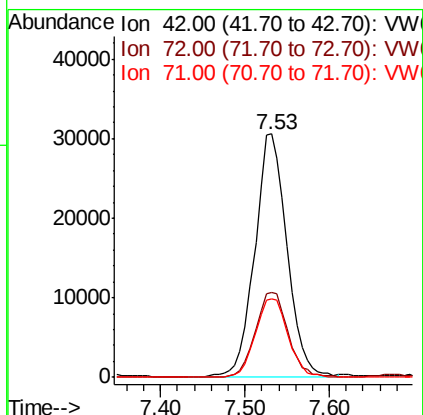
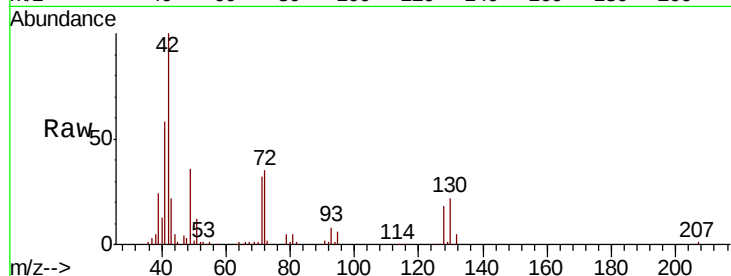




#29
Tetrahydrofuran
Concen: 109.582 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

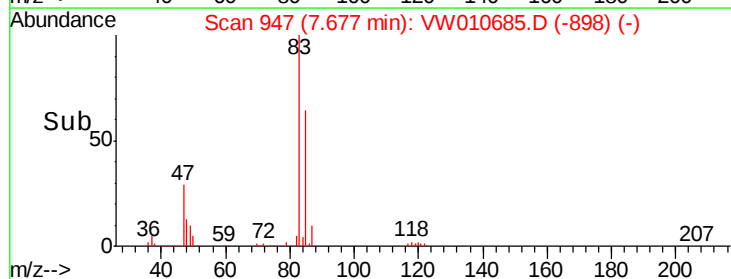
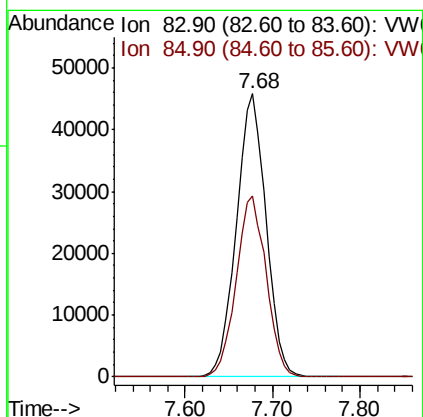
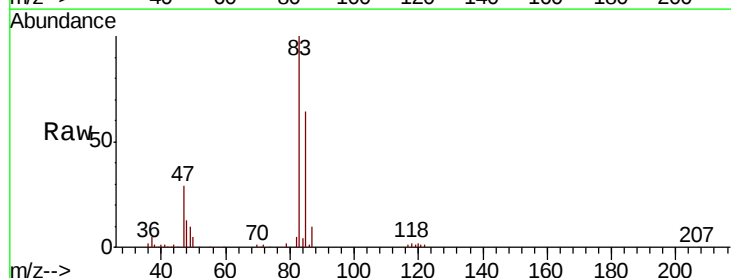
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

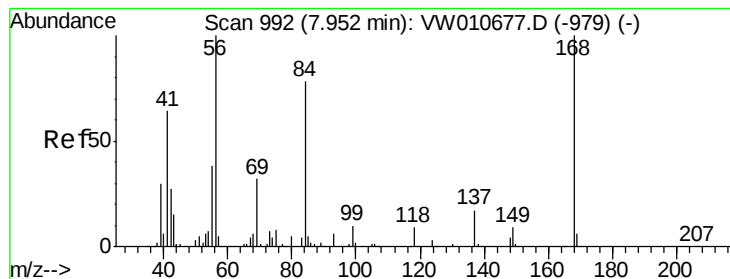
Tgt Ion: 42 Resp: 80591
Ion Ratio Lower Upper
42 100
72 35.5 28.7 43.1
71 32.8 26.6 39.8



#30
Chloroform
Concen: 20.666 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

Tgt Ion: 83 Resp: 107970
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8





#31

Cyclohexane

Concen: 20.081 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

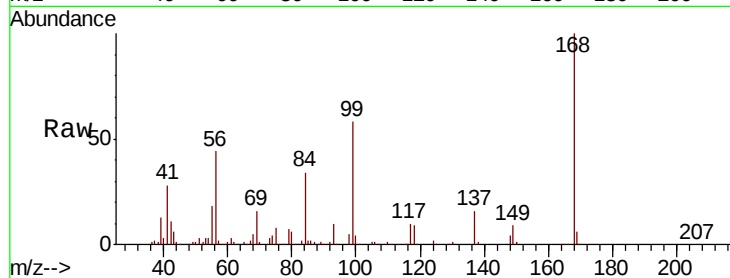
Tgt Ion: 56 Resp: 127504

Ion Ratio Lower Upper

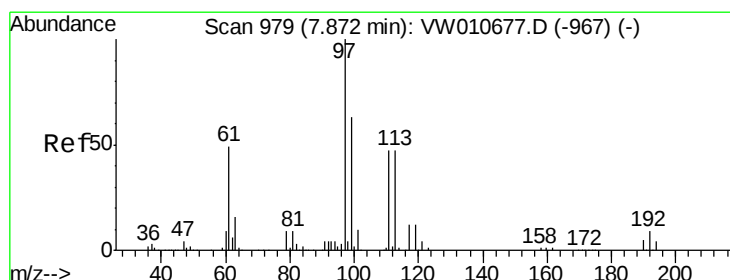
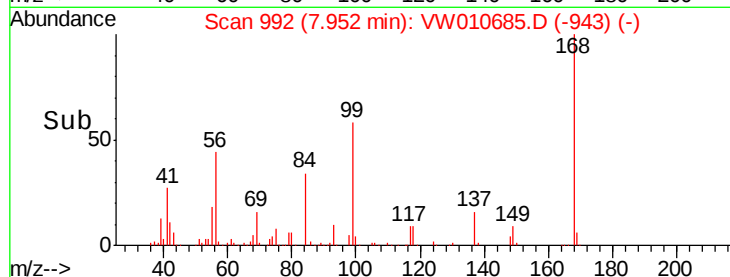
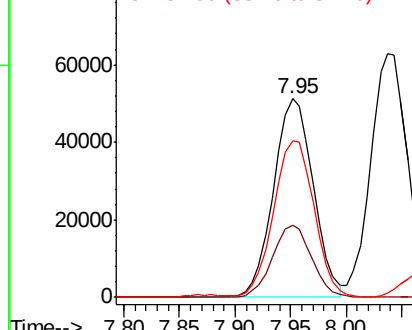
56 100

69 36.6 25.2 37.8

84 77.9 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: 20.949 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

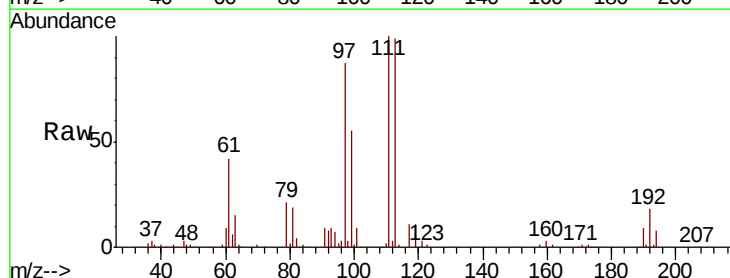
Tgt Ion: 97 Resp: 95607

Ion Ratio Lower Upper

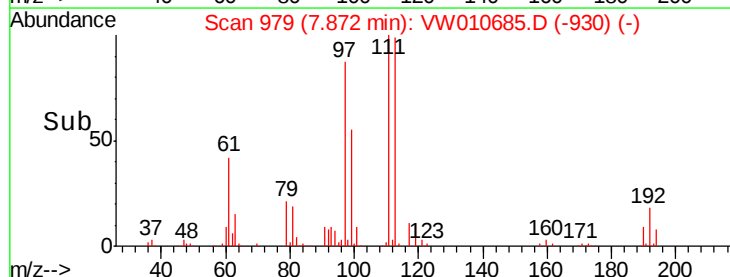
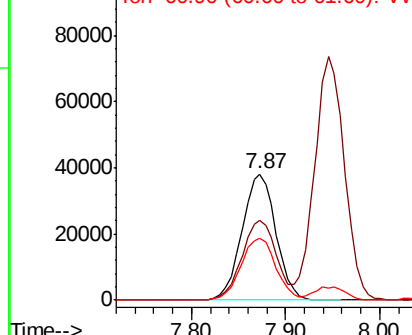
97 100

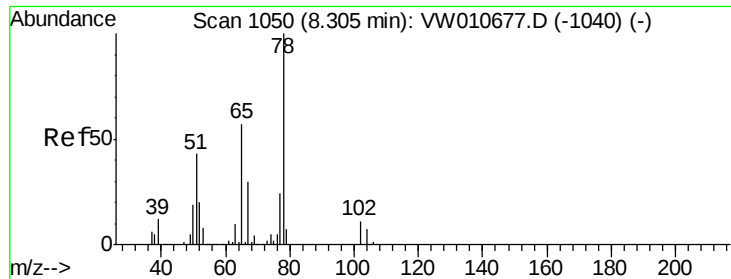
99 63.6 51.3 76.9

61 50.7 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

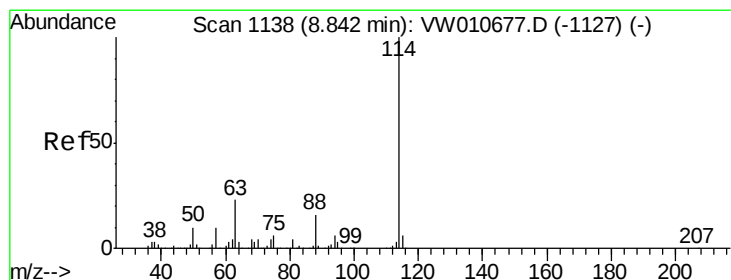
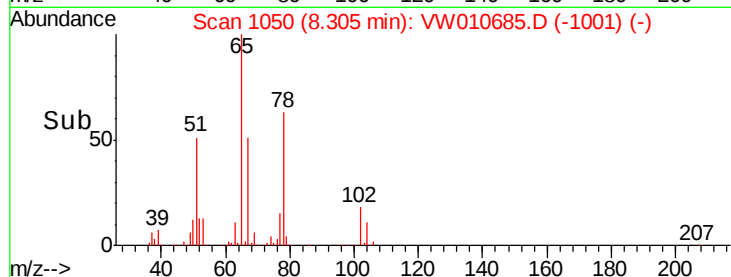
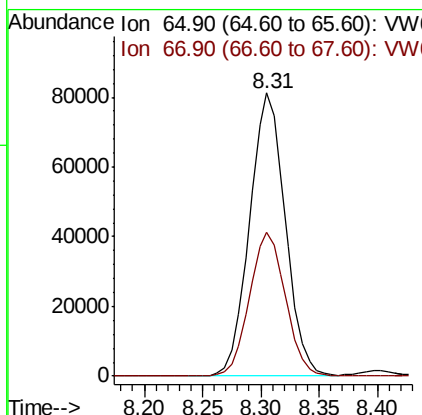
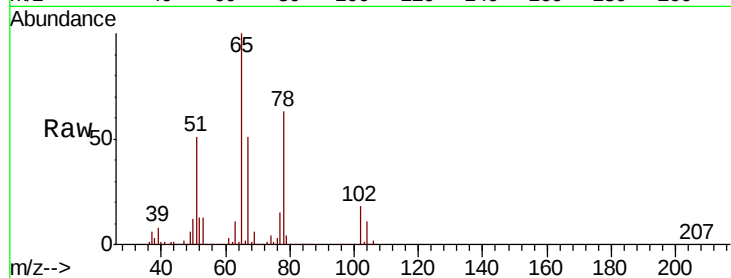




#33
 1,2-Dichloroethane-d4
 Concen: 55.208 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

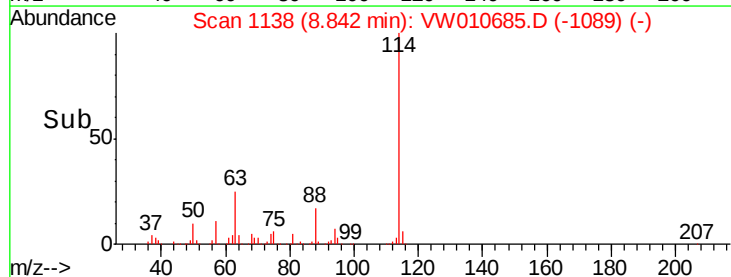
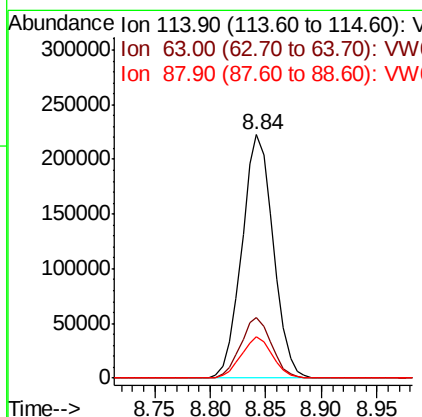
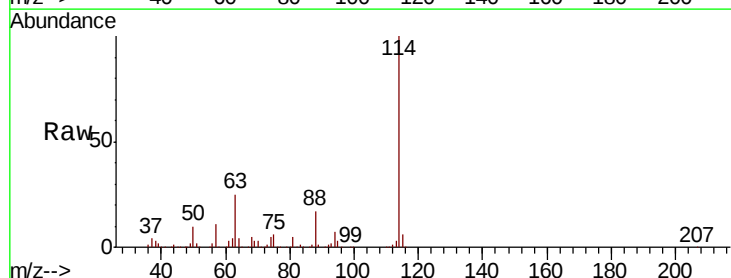
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

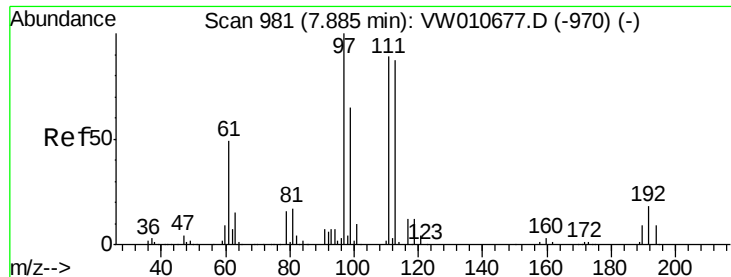
Tgt Ion: 65 Resp: 173736
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

Tgt Ion: 114 Resp: 435644
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 46.4
 88 16.8 0.0 32.2

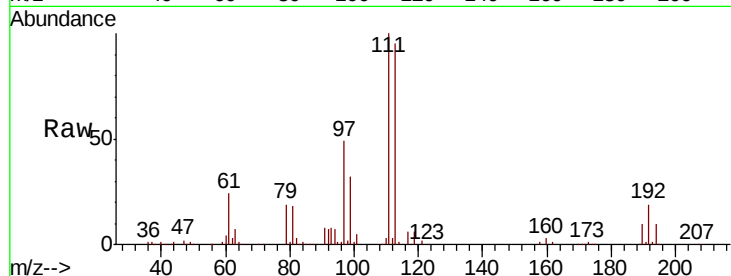




#35
 Dibromofluoromethane
 Concen: 56.176 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	20.1	16.4	24.6

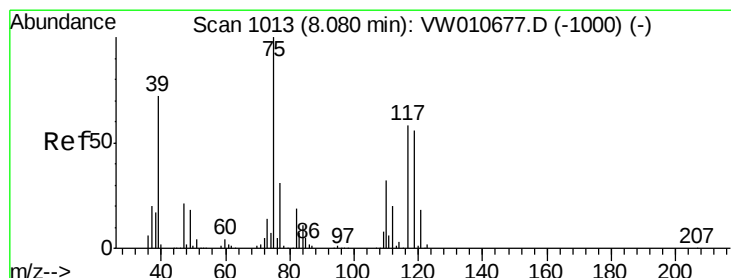
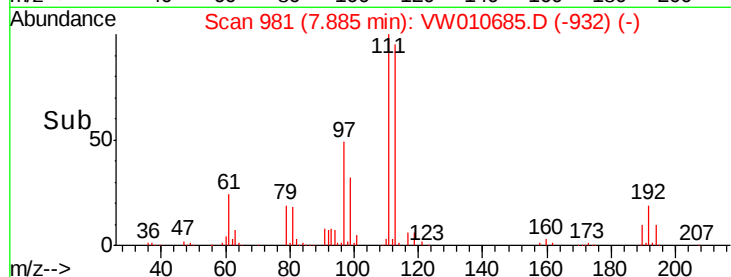
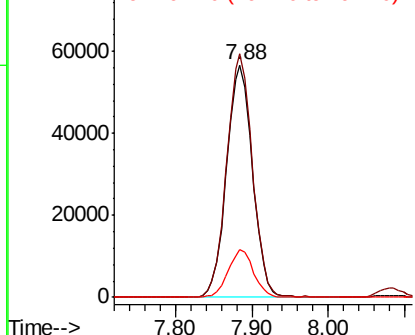


Abundance

Ion 112.80 (112.50 to 113.50): V

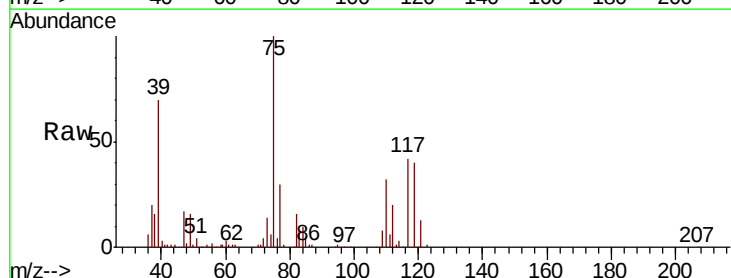
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 20.798 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.2	15.8	47.3
77	30.3	24.7	37.1

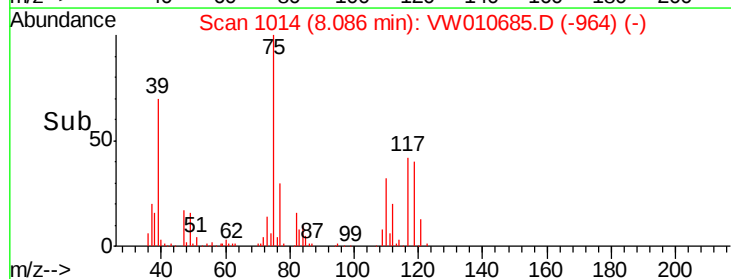
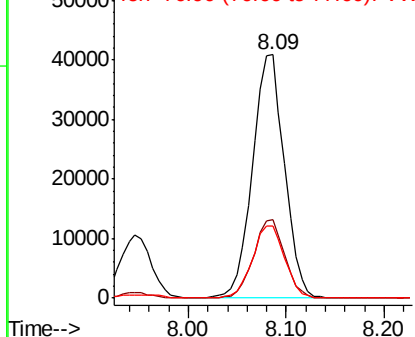


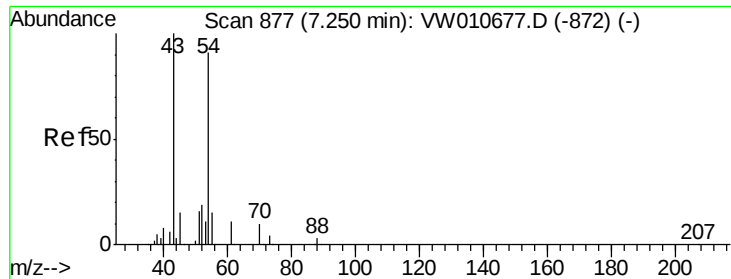
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

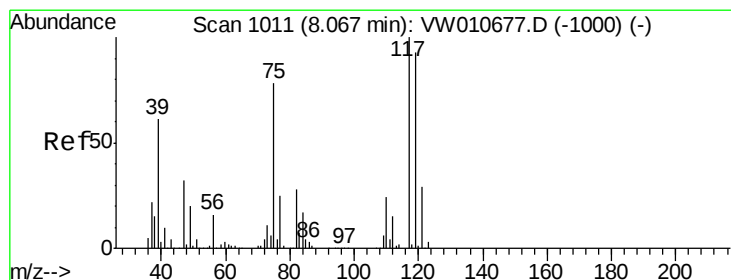
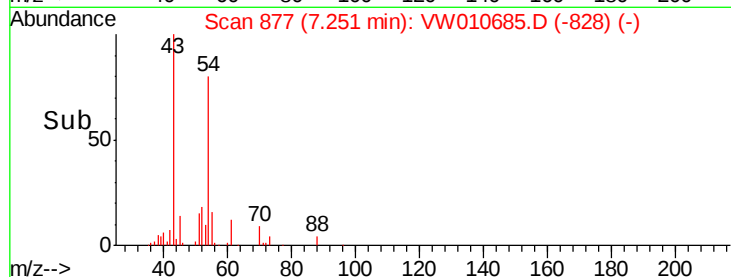
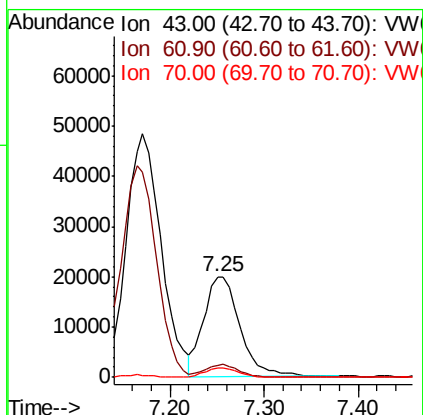
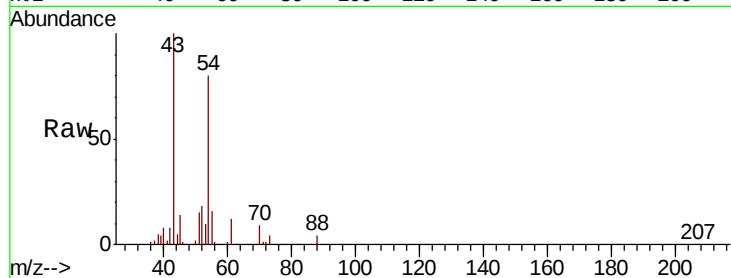




#37
Ethyl Acetate
Concen: 21.409 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

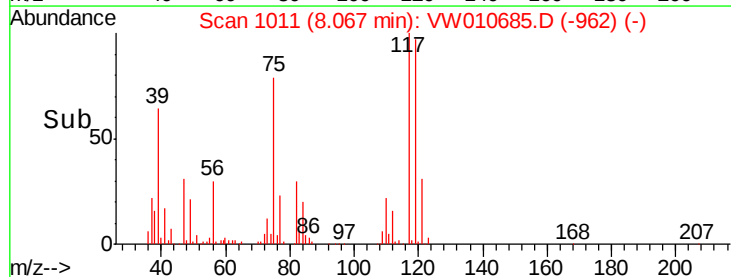
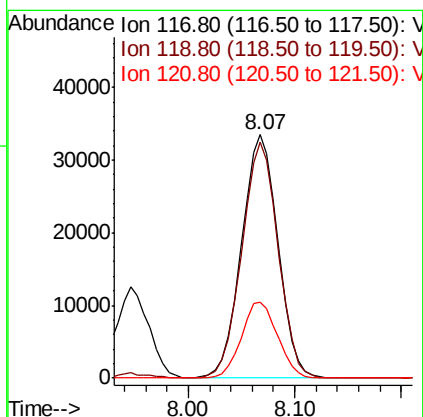
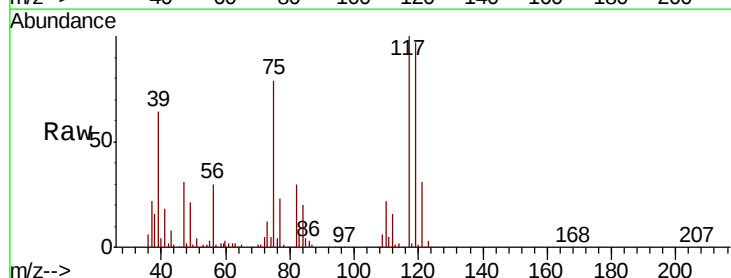
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

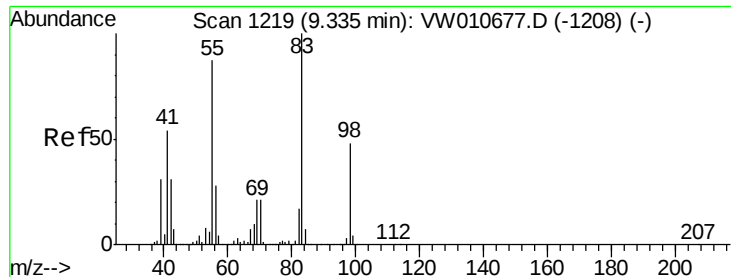
Tgt Ion: 43 Resp: 52903
Ion Ratio Lower Upper
43 100
61 11.6 9.7 14.5
70 9.2 7.2 10.8



#38
Carbon Tetrachloride
Concen: 20.857 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

Tgt Ion: 117 Resp: 80290
Ion Ratio Lower Upper
117 100
119 96.7 74.2 111.4
121 31.0 22.9 34.3

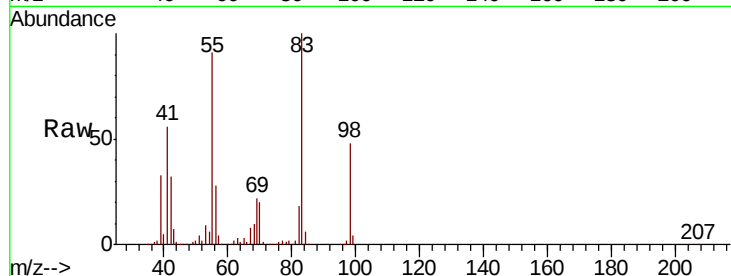




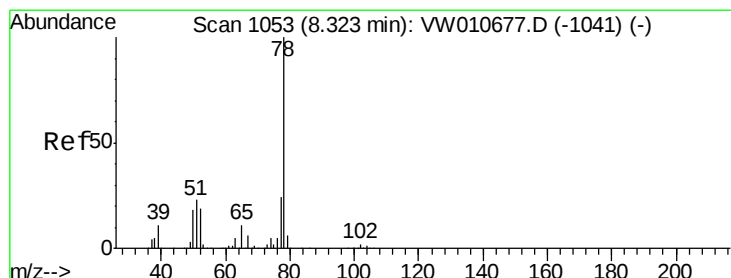
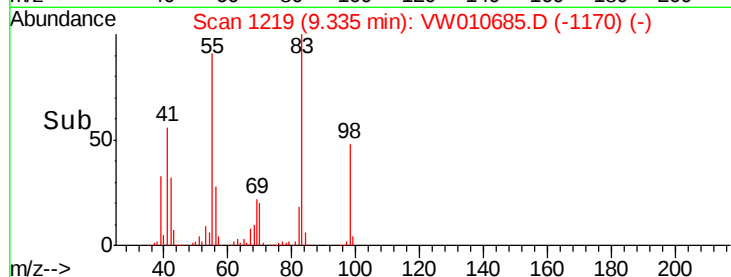
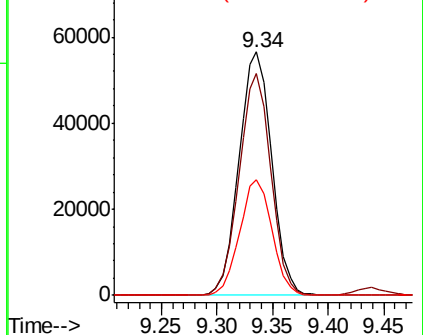
#39
Methylcyclohexane
Concen: 20.303 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

Instrument :
MSVOA_W
ClientSampled :
VW0605SBS02

Tgt Ion: 83 Resp: 115091
Ion Ratio Lower Upper
83 100
55 91.2 70.0 105.0
98 47.7 38.1 57.1

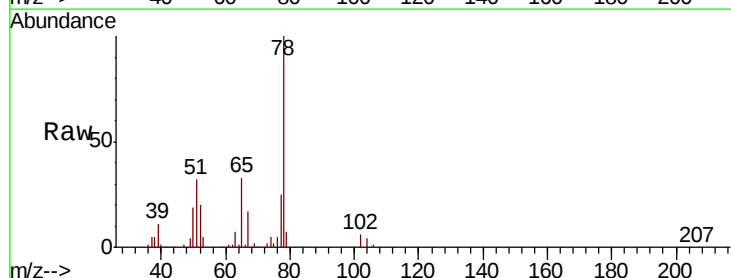


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

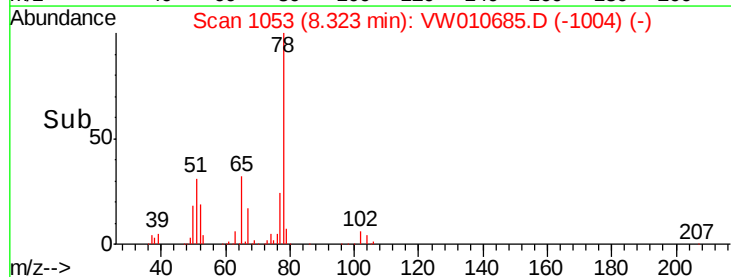
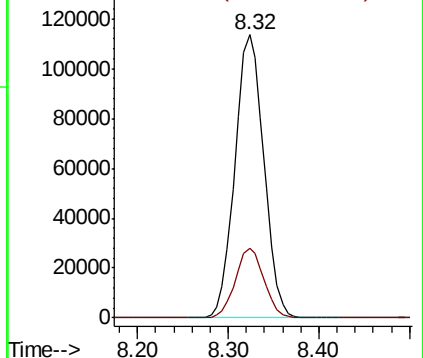


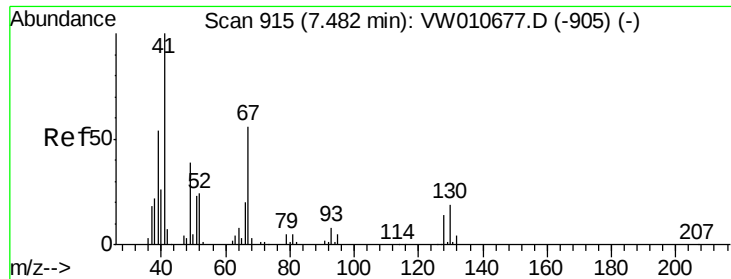
#40
Benzene
Concen: 20.666 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

Tgt Ion: 78 Resp: 251401
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7



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

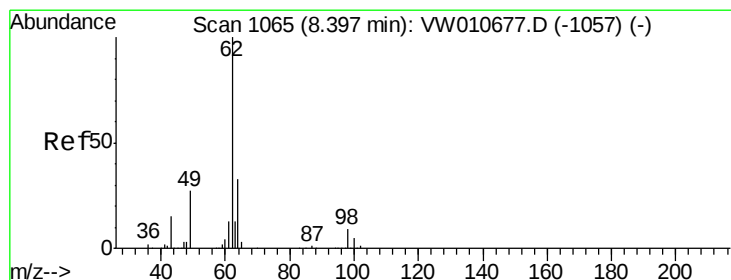
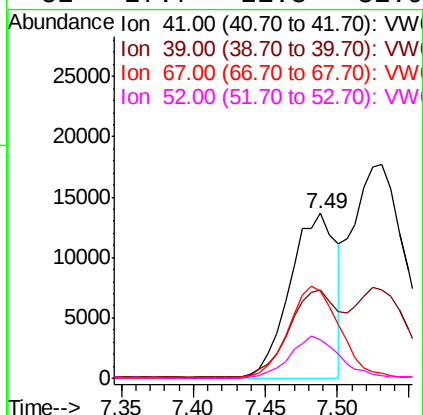
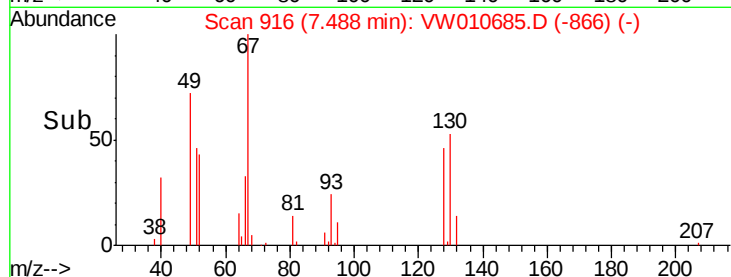
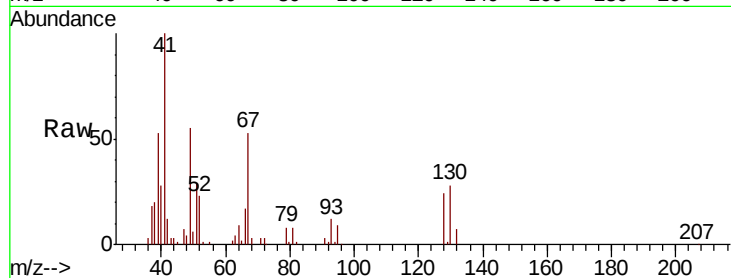




#41
Methacrylonitrile
Concen: 21.063 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

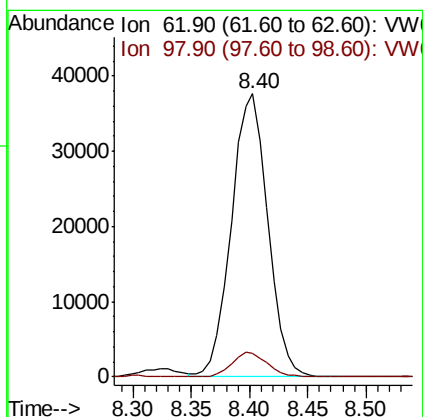
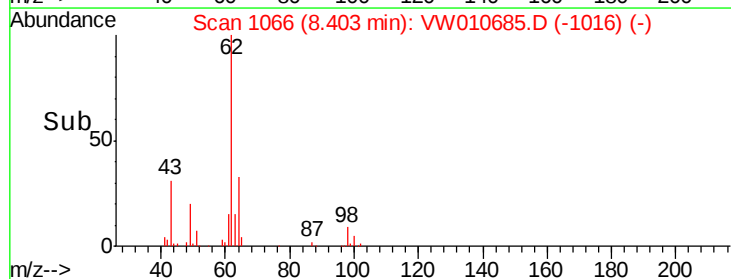
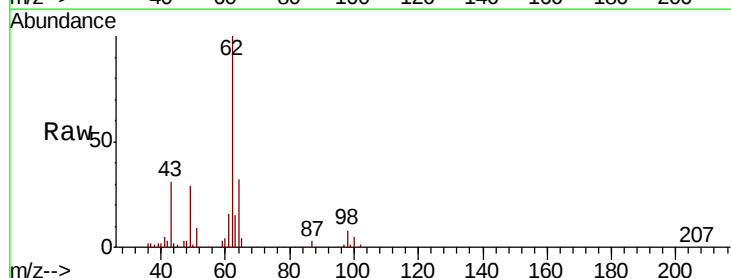
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

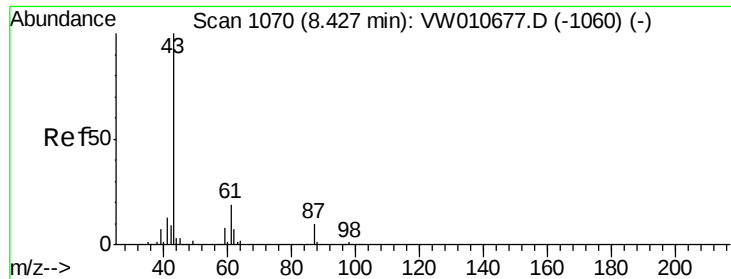
Tgt Ion:	41	Resp:	30937
Ion	Ratio	Lower	Upper
41	100		
39	59.1	47.3	70.9
67	61.3	47.2	70.8
52	27.7	21.3	31.9



#42
1,2-Dichloroethane
Concen: 21.209 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

Tgt Ion:	62	Resp:	81890
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 21.532 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

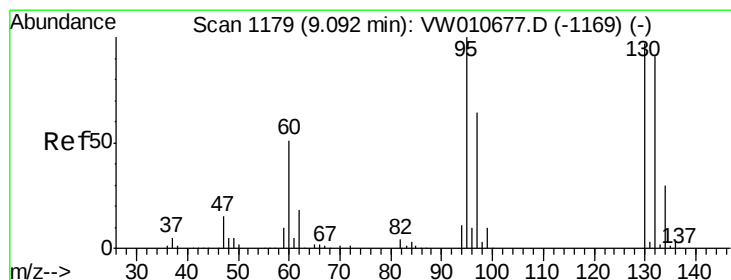
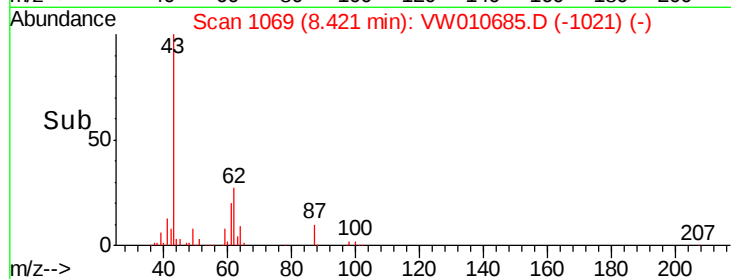
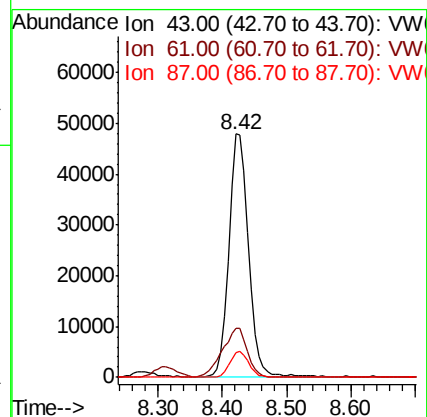
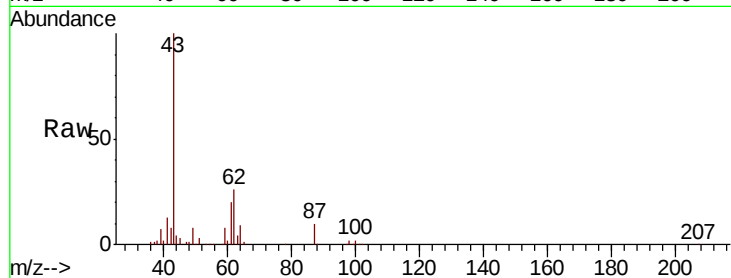
Tgt Ion: 43 Resp: 102794

Ion Ratio Lower Upper

43 100

61 26.1 21.2 31.8

87 10.6 8.3 12.5



#44

Trichloroethene

Concen: 20.544 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW010685.D

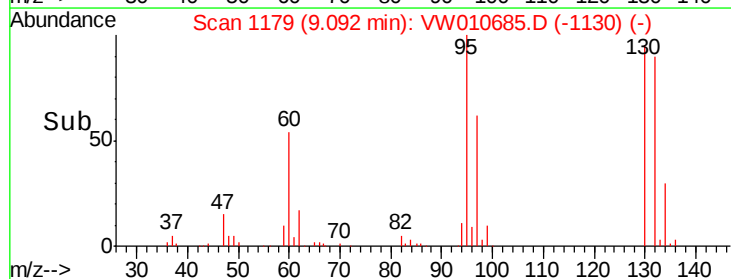
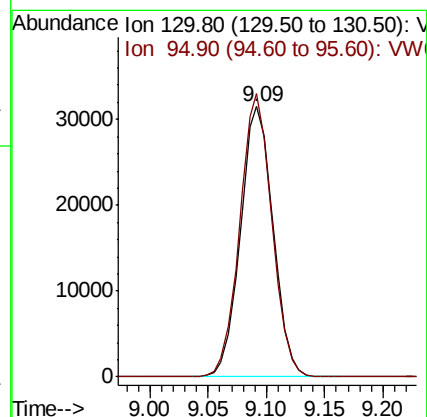
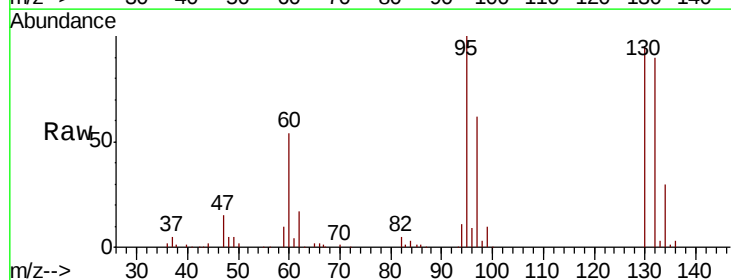
Acq: 05 Jun 2019 11:58

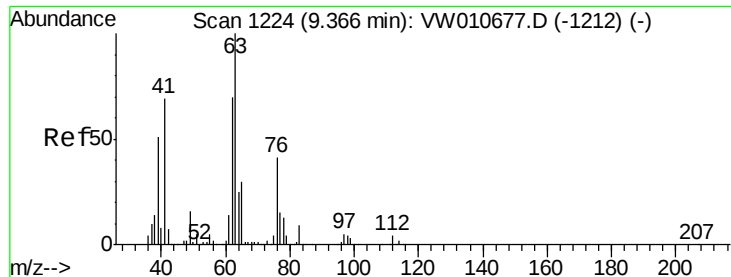
Tgt Ion: 130 Resp: 61650

Ion Ratio Lower Upper

130 100

95 104.8 0.0 207.0

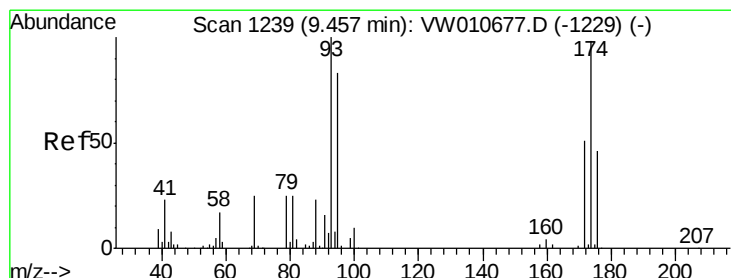
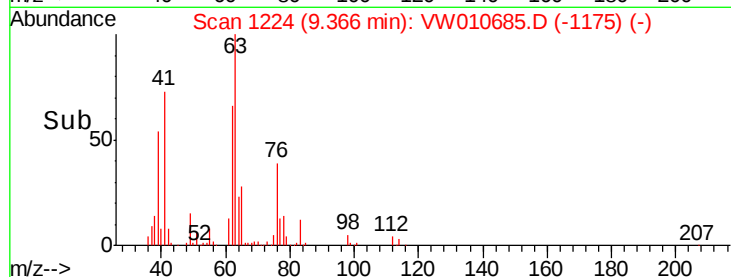
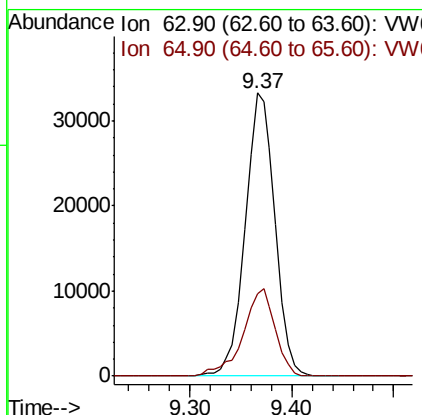
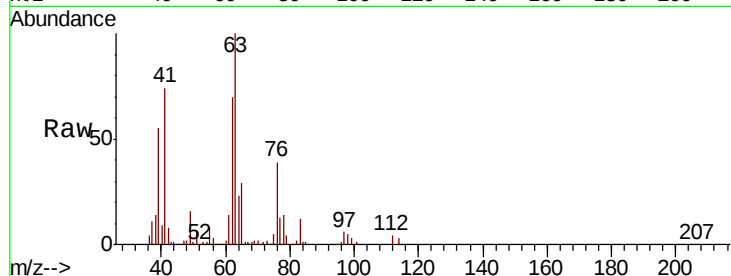




#45
 1,2-Dichloropropane
 Concen: 20.884 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

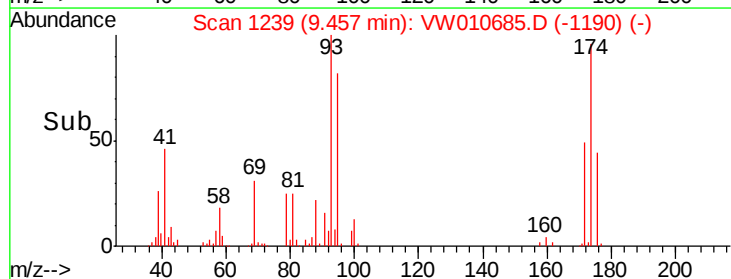
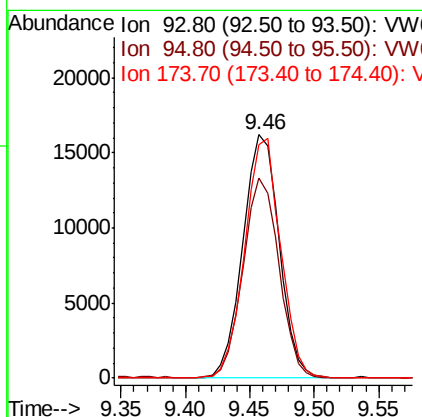
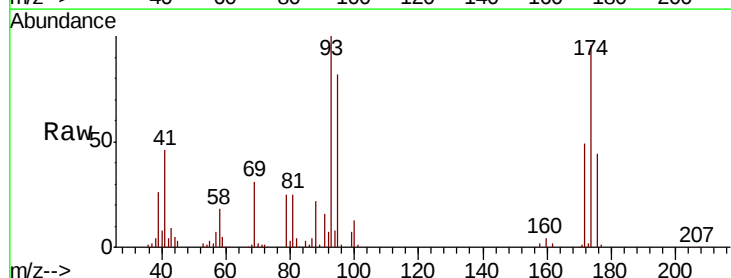
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

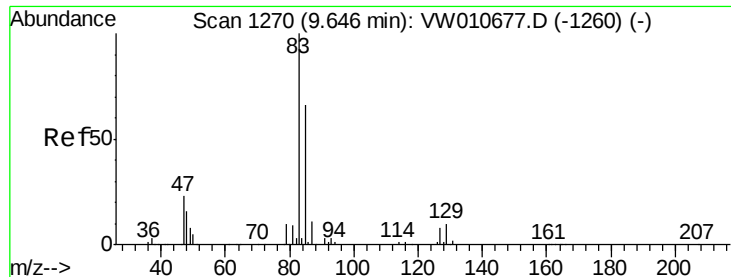
Tgt Ion: 63 Resp: 67253
 Ion Ratio Lower Upper
 63 100
 65 29.0 23.8 35.6



#46
 Dibromomethane
 Concen: 21.144 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

Tgt Ion: 93 Resp: 31626
 Ion Ratio Lower Upper
 93 100
 95 81.2 65.8 98.8
 174 96.8 77.4 116.0





#47

Bromodichloromethane

Concen: 20.965 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

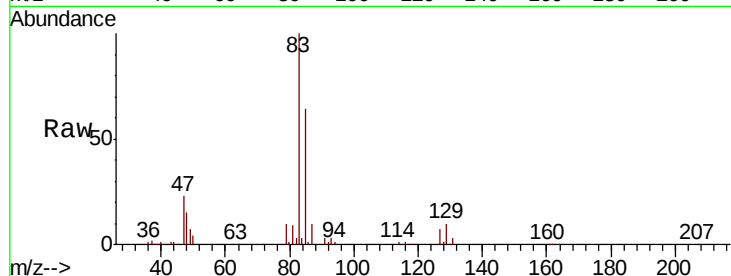
Tgt Ion: 83 Resp: 81288

Ion Ratio Lower Upper

83 100

85 64.3 53.0 79.4

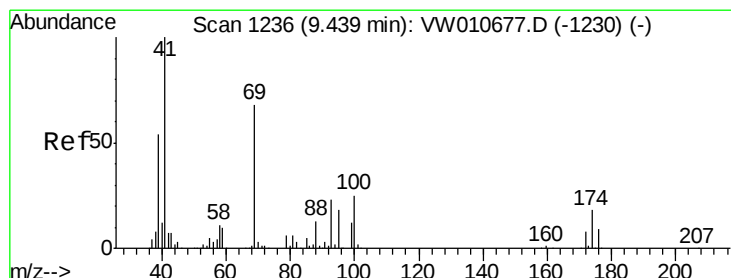
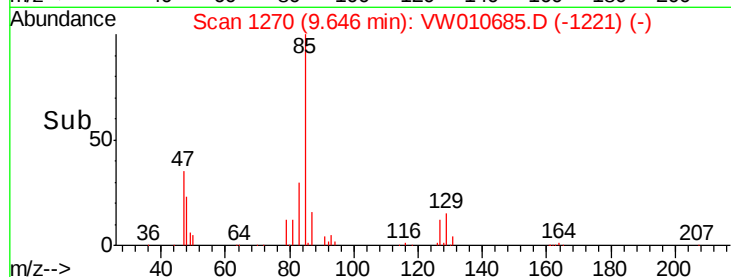
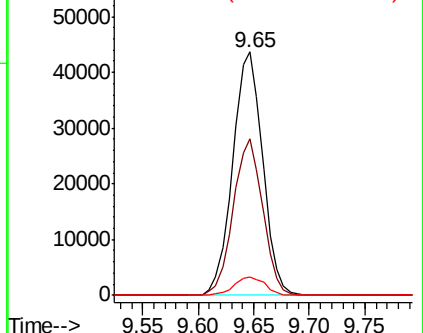
127 7.4 6.4 9.6



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: 21.175 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

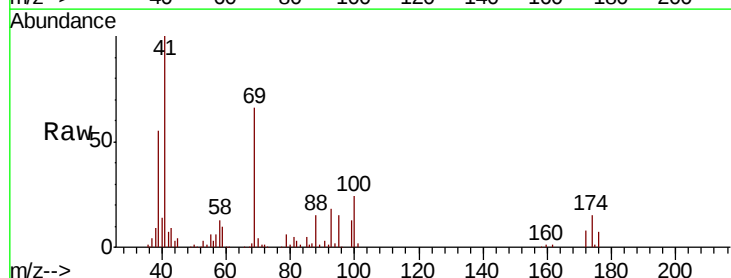
Tgt Ion: 41 Resp: 48739

Ion Ratio Lower Upper

41 100

69 72.8 56.6 85.0

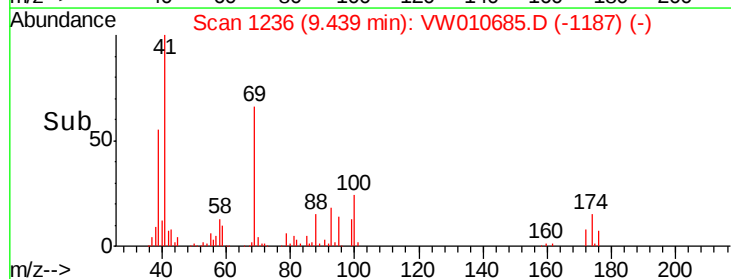
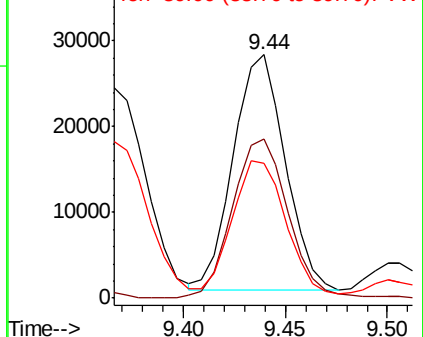
39 57.1 44.4 66.6

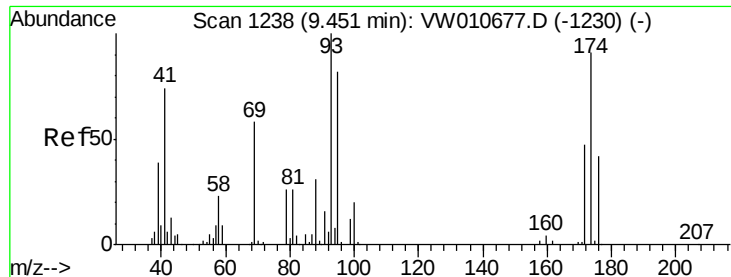


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 439.977 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

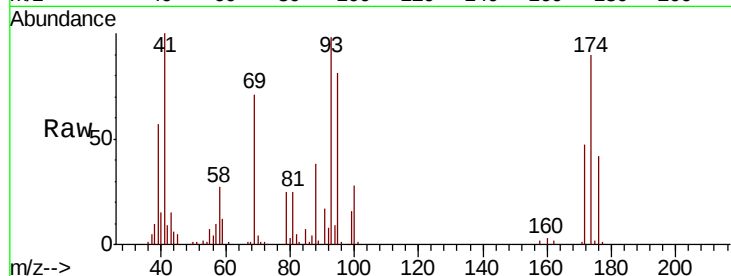
Tgt Ion: 88 Resp: 10289

Ion Ratio Lower Upper

88 100

43 47.6 34.2 51.4

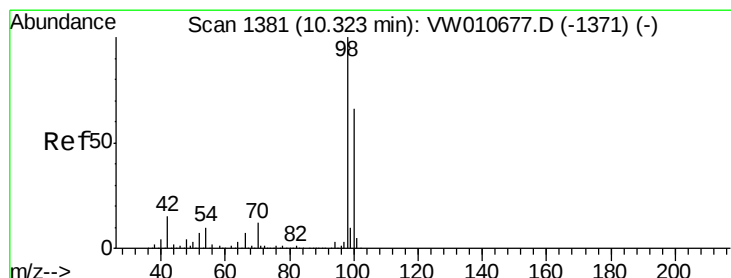
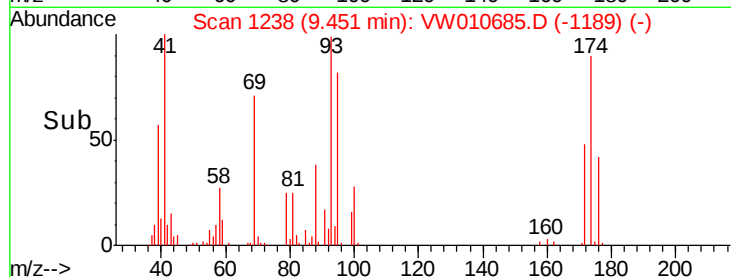
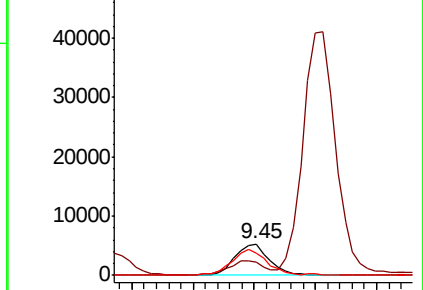
58 82.1 69.0 103.4



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: 54.157 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010685.D

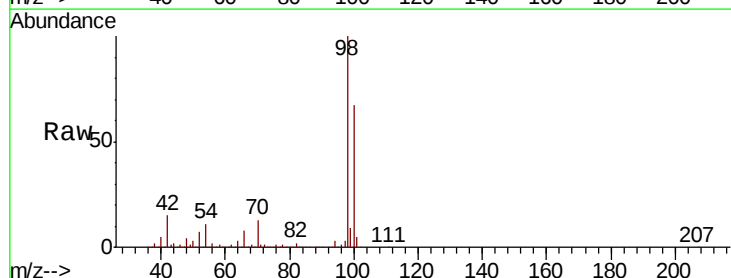
Acq: 05 Jun 2019 11:58

Tgt Ion: 98 Resp: 561553

Ion Ratio Lower Upper

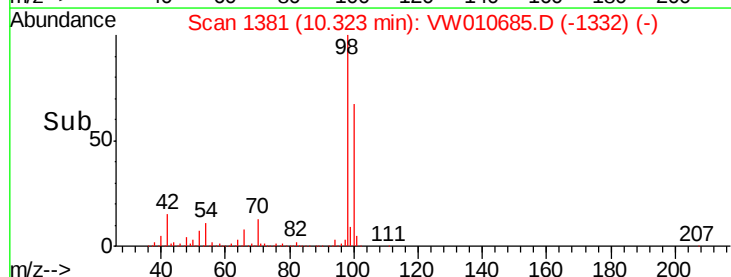
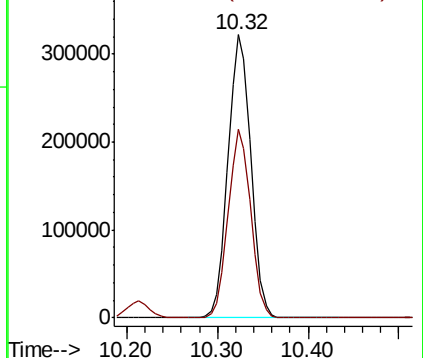
98 100

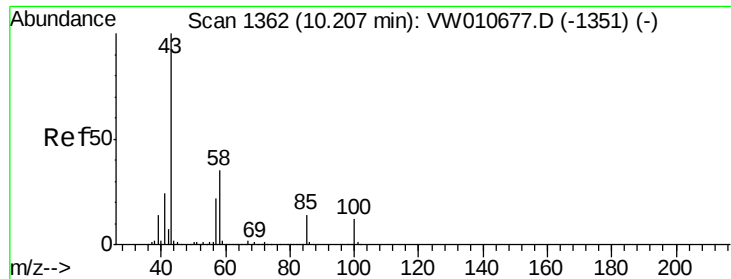
100 65.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

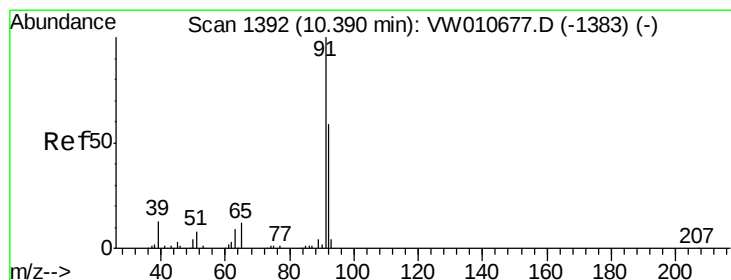
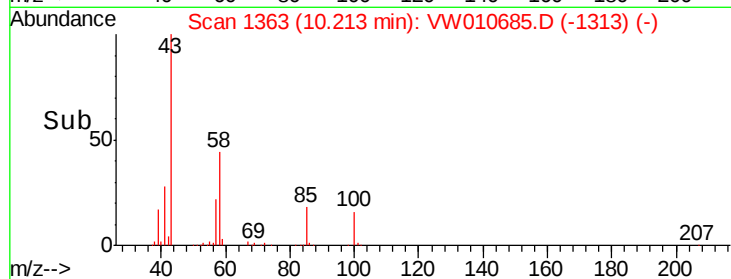
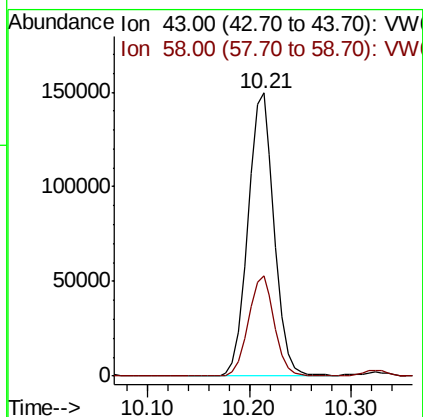
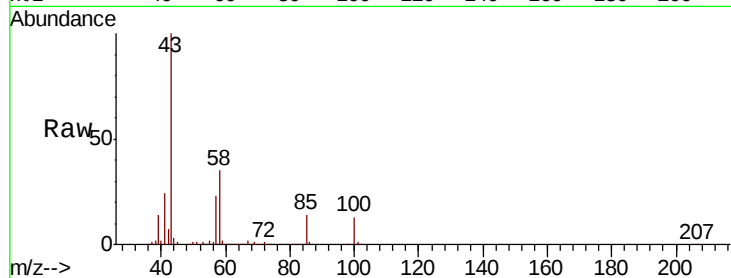




#51
 4-Methyl-2-Pentanone
 Concen: 109.203 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

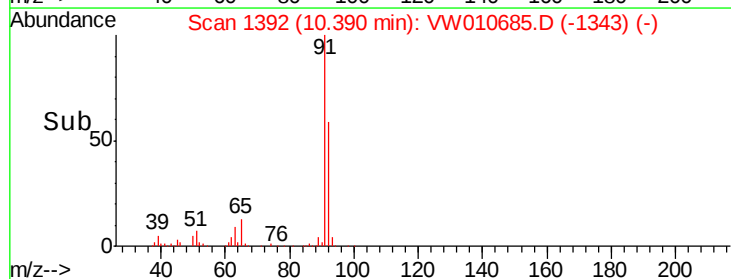
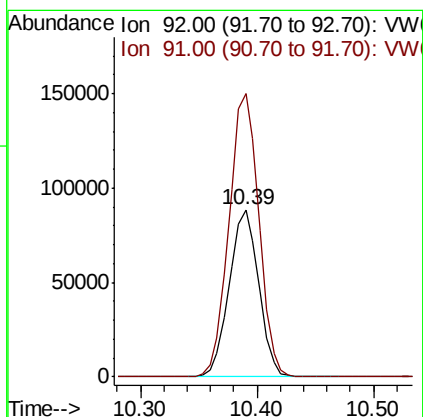
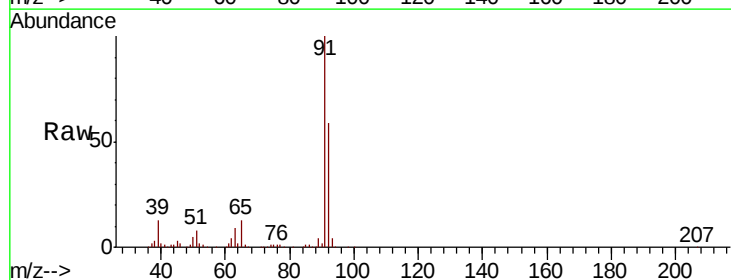
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

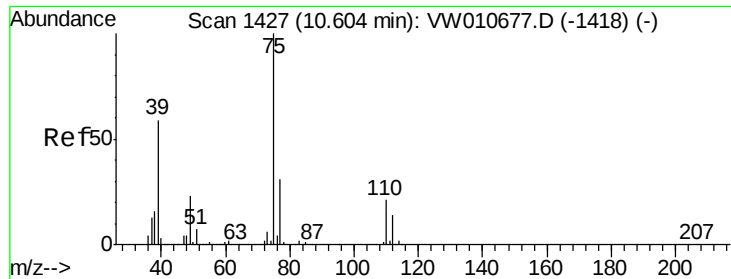
Tgt Ion: 43 Resp: 266334
 Ion Ratio Lower Upper
 43 100
 58 35.3 28.4 42.6



#52
 Toluene
 Concen: 20.825 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

Tgt Ion: 92 Resp: 155875
 Ion Ratio Lower Upper
 92 100
 91 171.7 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 21.142 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

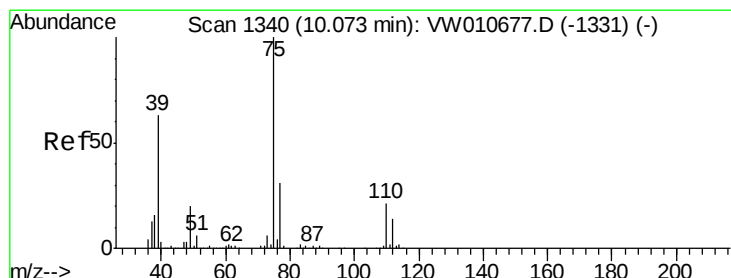
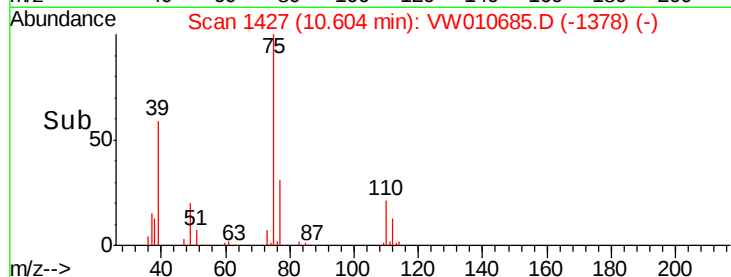
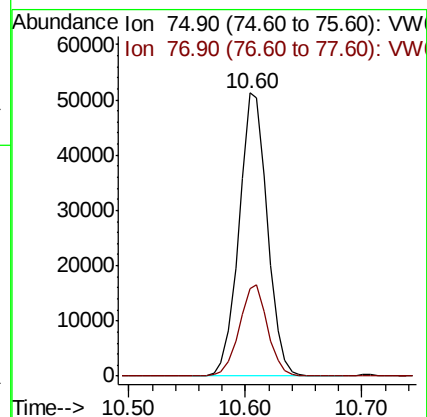
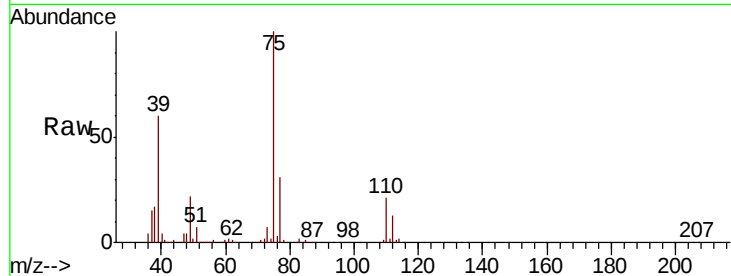
VW0605SBS02

Tgt Ion: 75 Resp: 86823

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 21.063 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

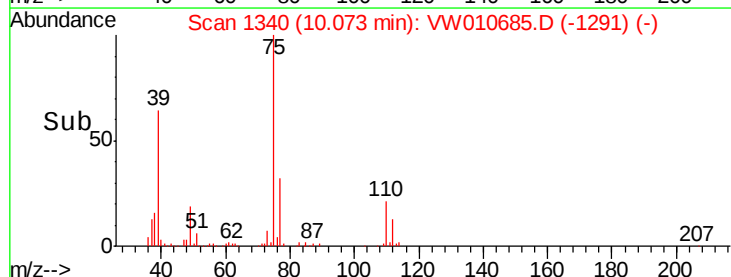
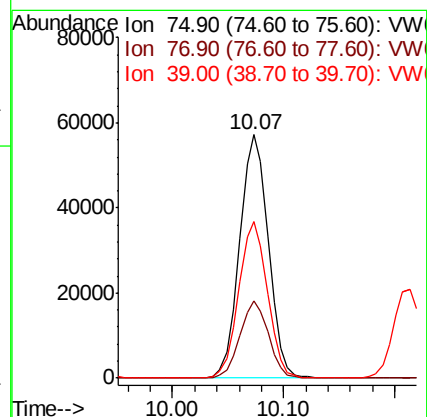
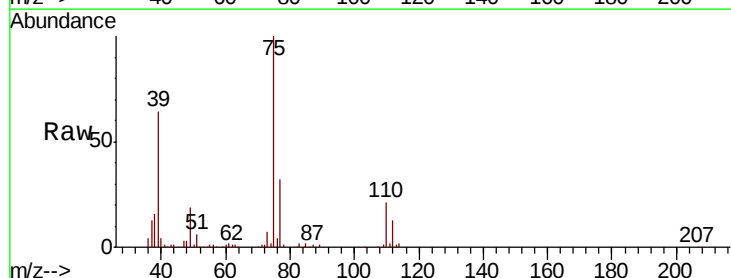
Tgt Ion: 75 Resp: 101787

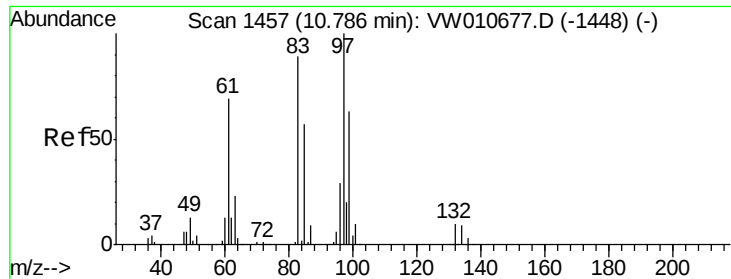
Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 64.0 50.1 75.1

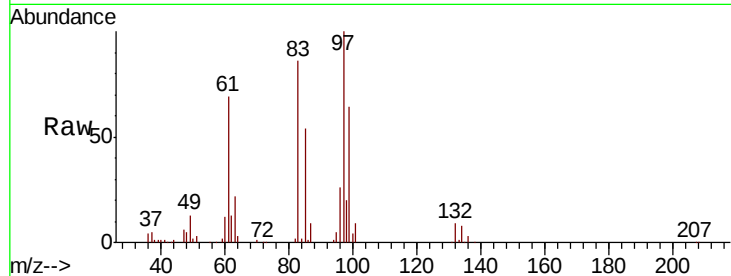




#55
 1,1,2-Trichloroethane
 Concen: 21.140 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

Tgt Ion:	97	Resp:	45551
Ion	Ratio	Lower	Upper
97	100		
83	85.6	71.1	106.7
85	54.4	45.2	67.8
99	63.8	50.0	75.0



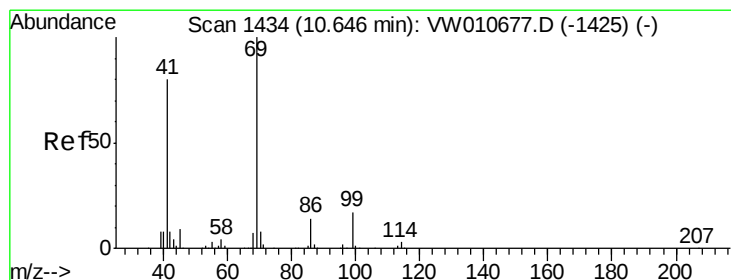
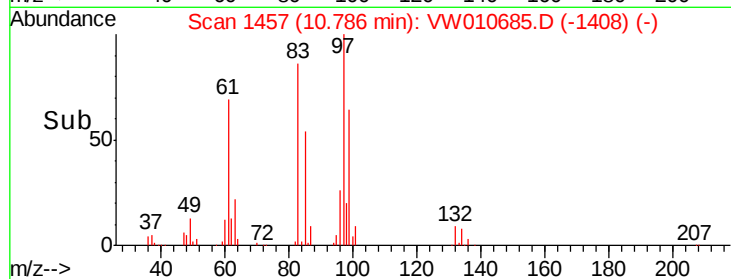
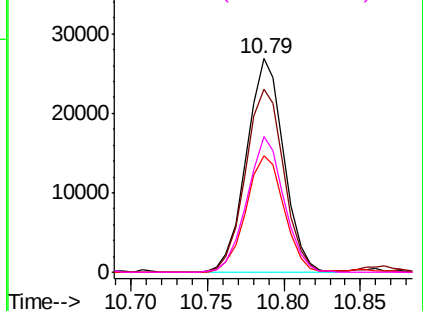
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

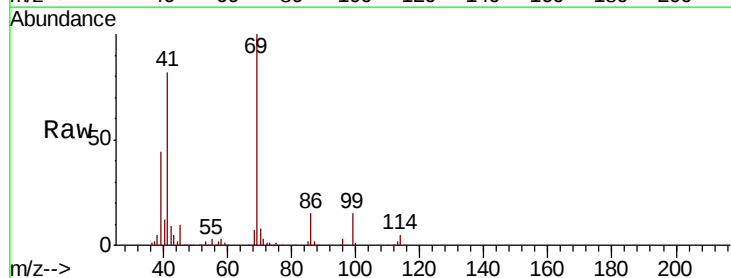
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 21.518 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

Tgt Ion:	69	Resp:	71345
Ion	Ratio	Lower	Upper
69	100		
41	82.8	64.8	97.2
39	41.7	32.2	48.2

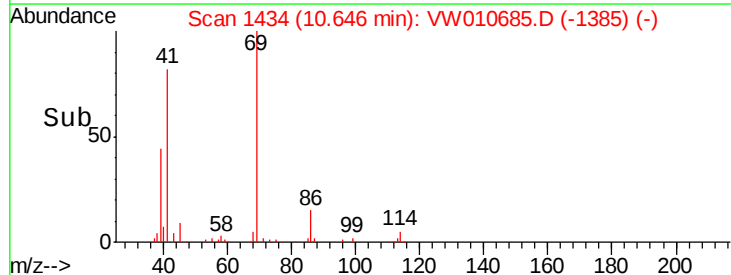
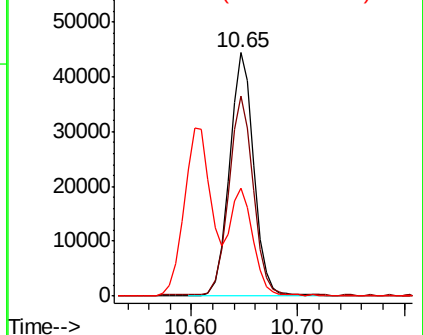


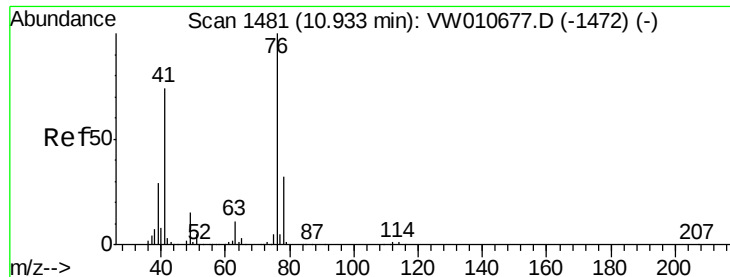
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

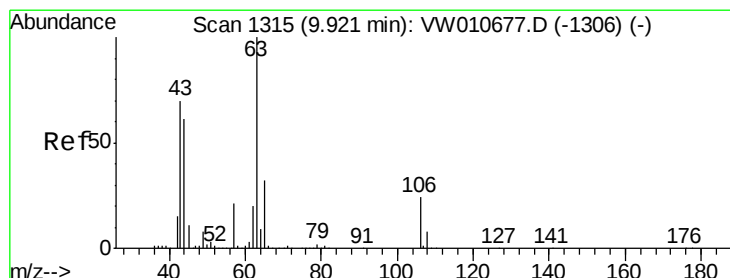
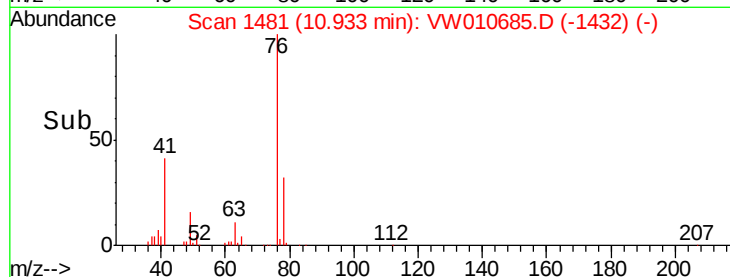
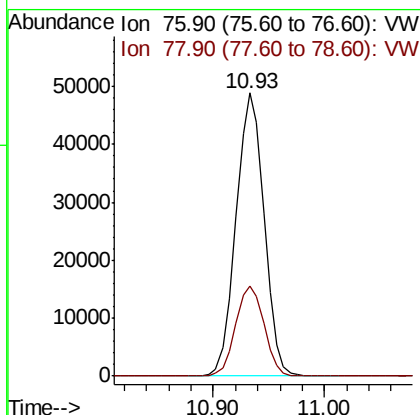
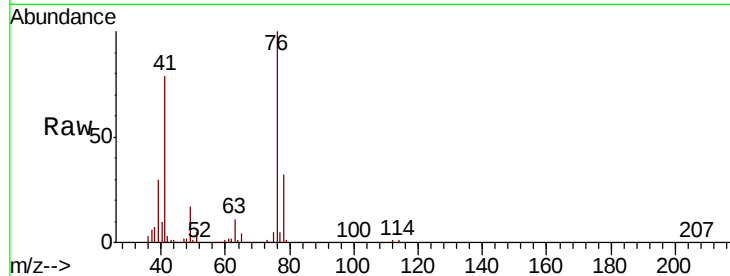




#57
 1,3-Dichloropropane
 Concen: 20.944 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

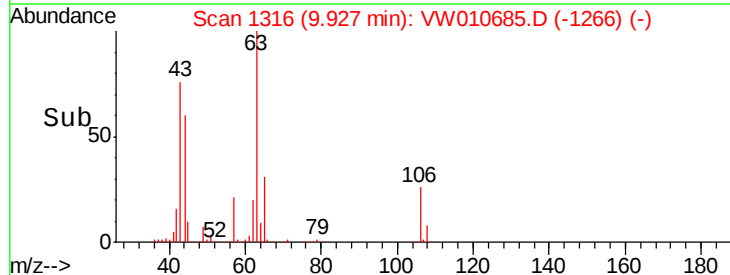
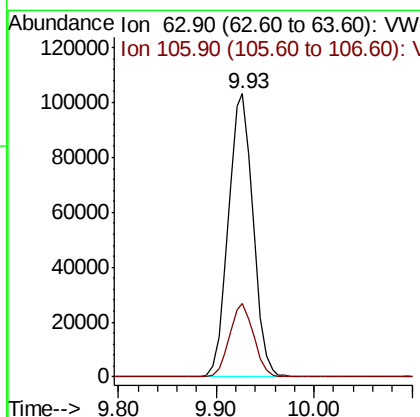
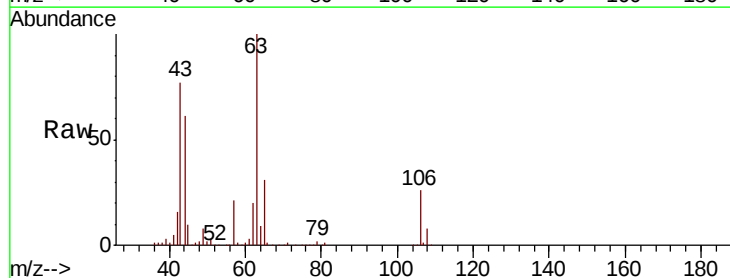
Instrument :
 MSVOA_W
 ClientSampled :
 VW0605SBS02

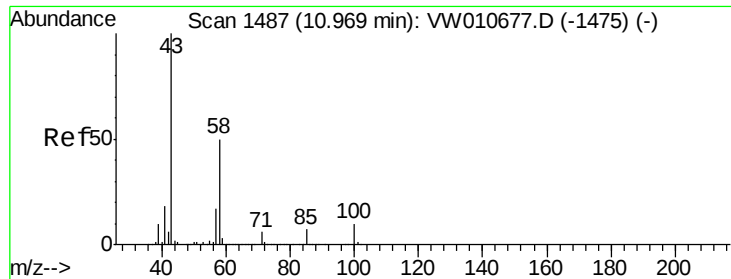
Tgt Ion: 76 Resp: 85049
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.855 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

Tgt Ion: 63 Resp: 180361
 Ion Ratio Lower Upper
 63 100
 106 25.5 20.1 30.1

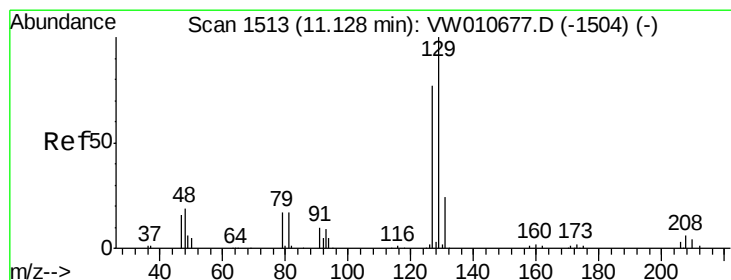
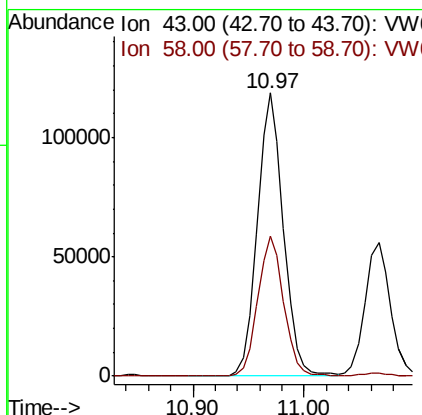
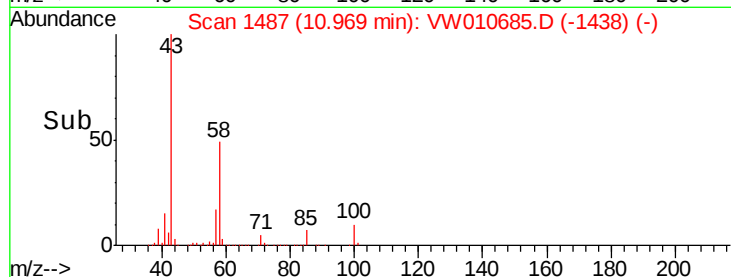
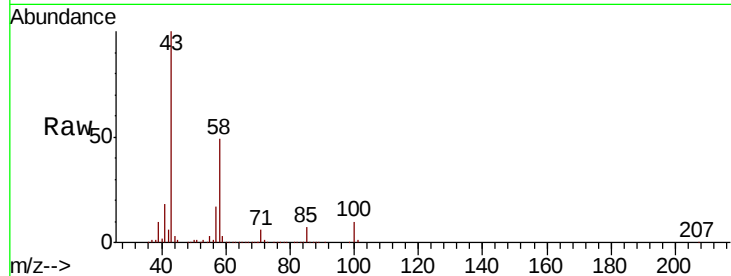




#59
2-Hexanone
Concen: 109.274 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

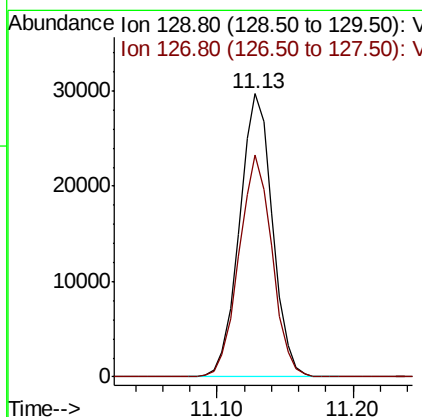
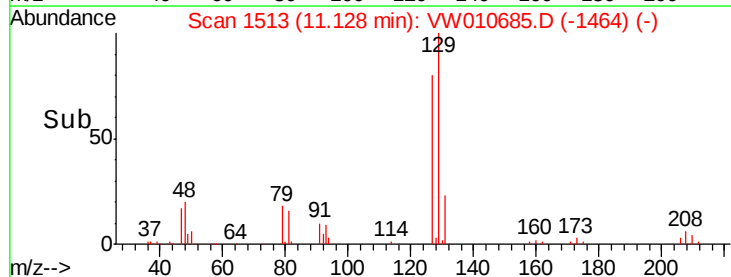
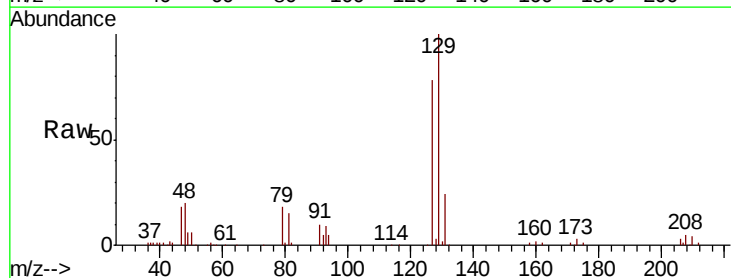
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

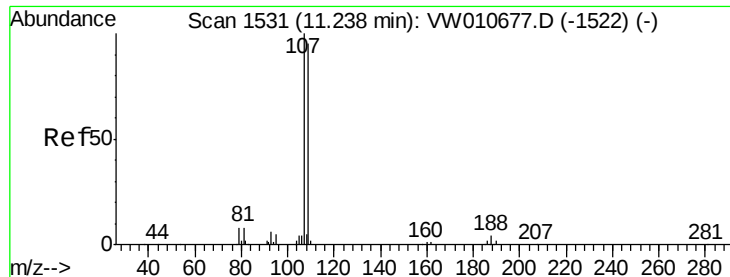
Tgt Ion: 43 Resp: 192611
Ion Ratio Lower Upper
43 100
58 49.4 24.9 74.6



#60
Dibromochloromethane
Concen: 21.024 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

Tgt Ion: 129 Resp: 50219
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0

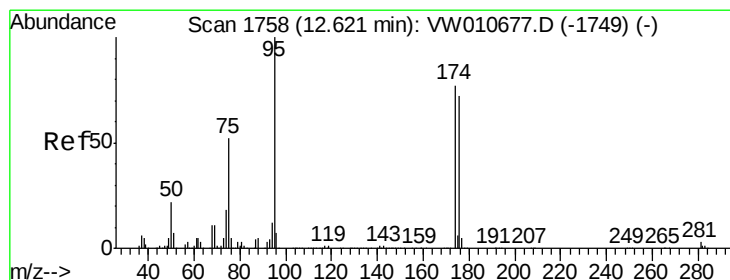
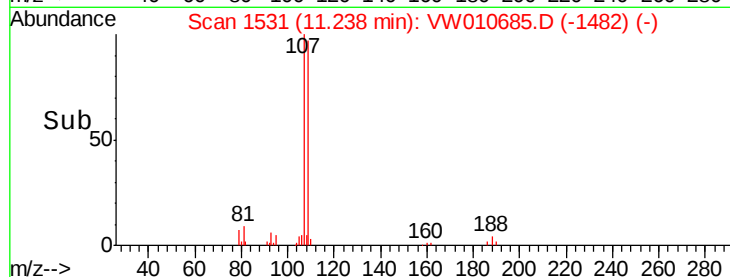
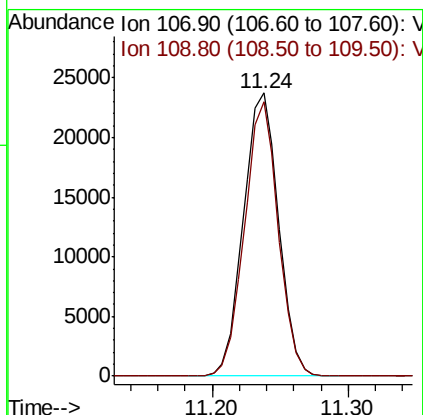
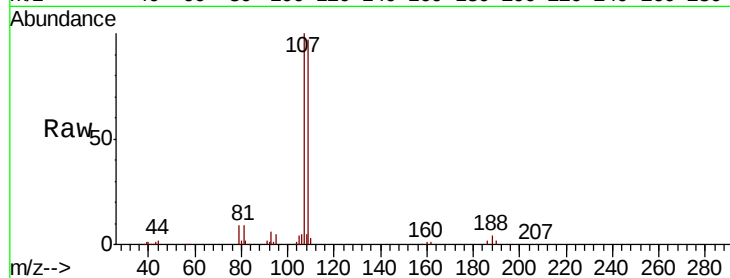




#61
 1,2-Dibromoethane
 Concen: 21.016 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

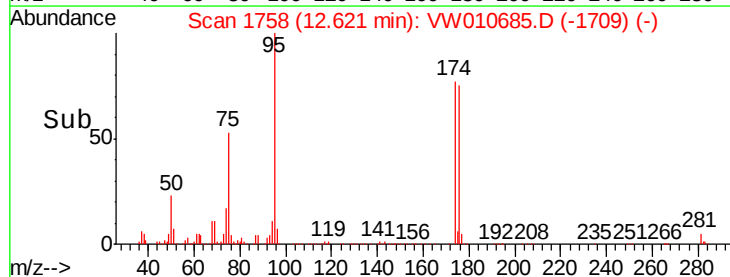
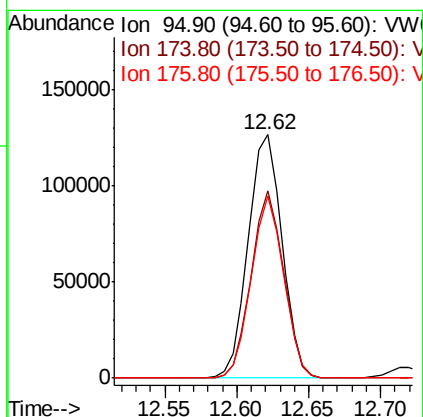
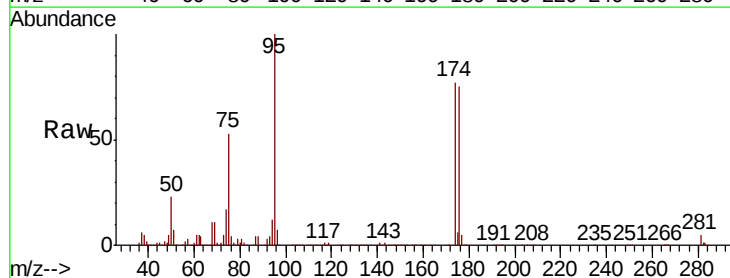
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

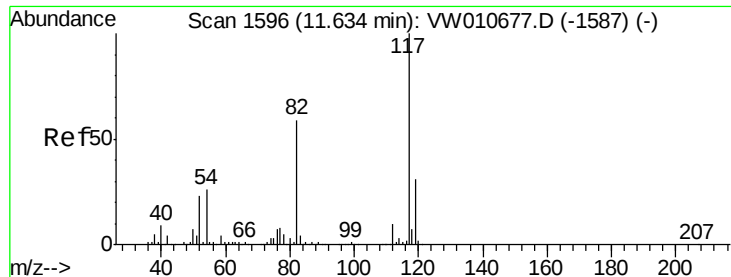
Tgt Ion: 107 Resp: 42906
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 54.479 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

Tgt Ion: 95 Resp: 205557
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 150.4
 176 71.9 0.0 144.8

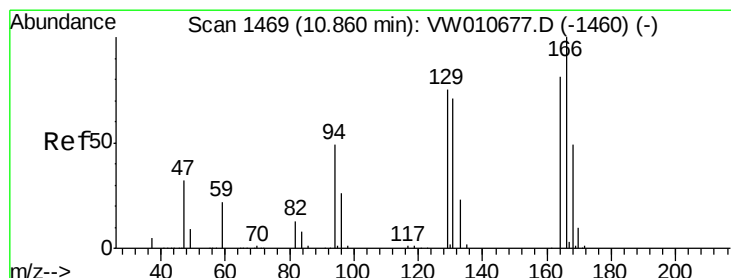
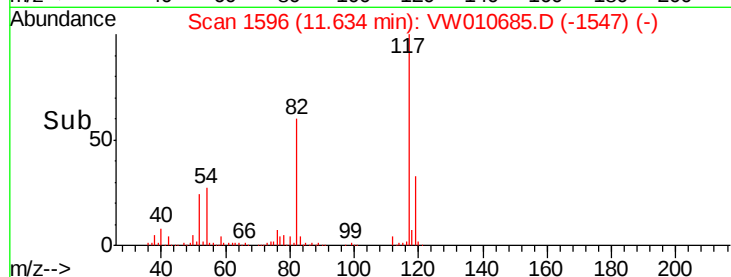
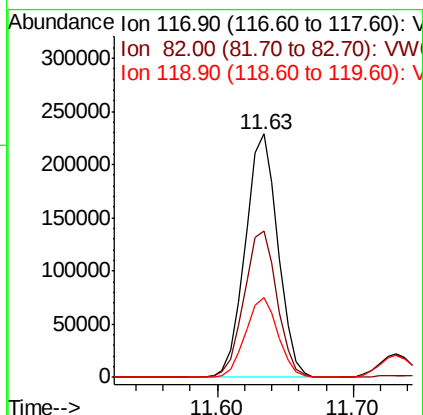
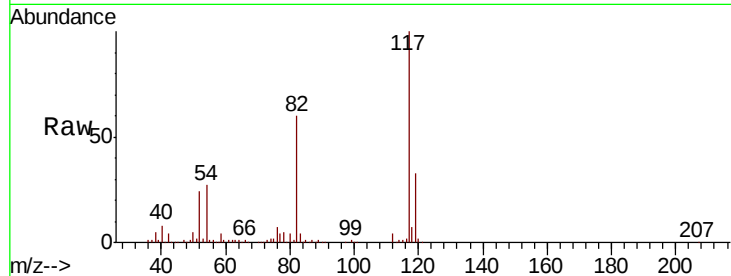




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

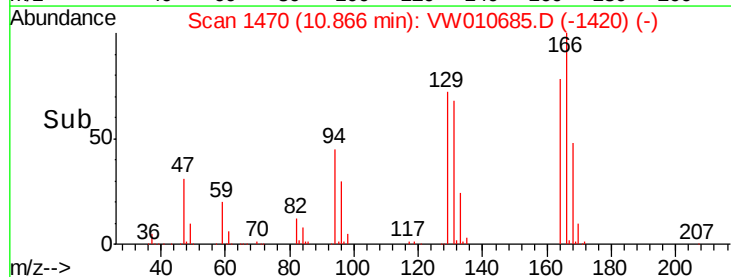
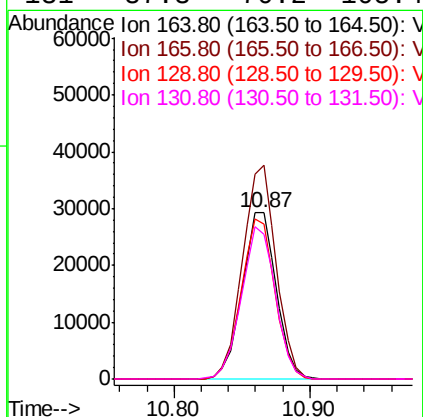
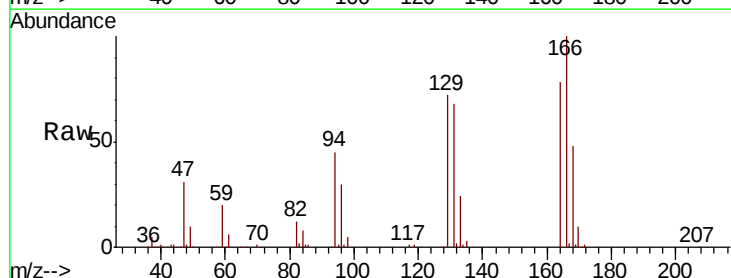
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

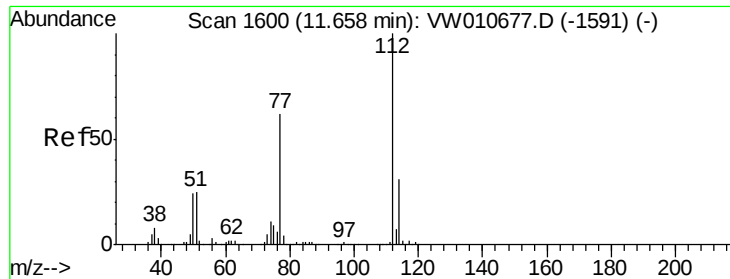
Tgt Ion:117 Resp: 383822
Ion Ratio Lower Upper
117 100
82 60.1 47.0 70.4
119 32.7 25.1 37.7



#64
Tetrachloroethene
Concen: 20.058 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

Tgt Ion:164 Resp: 51116
Ion Ratio Lower Upper
164 100
166 128.6 99.2 148.8
129 93.0 74.6 112.0
131 87.3 70.2 105.4

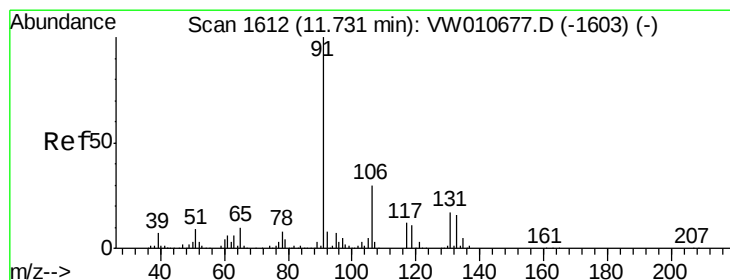
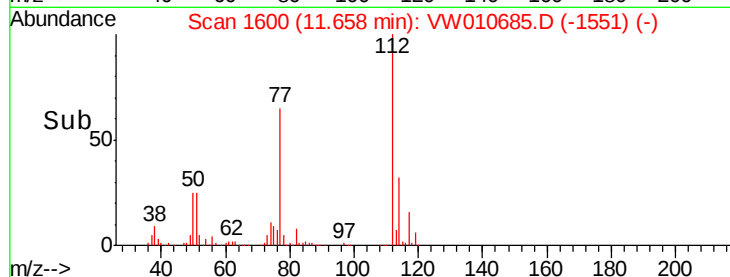
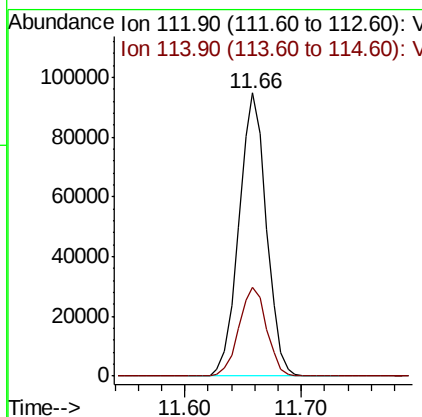
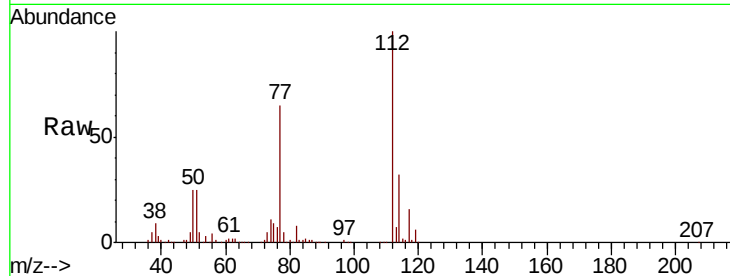




#65
Chlorobenzene
Concen: 20.608 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

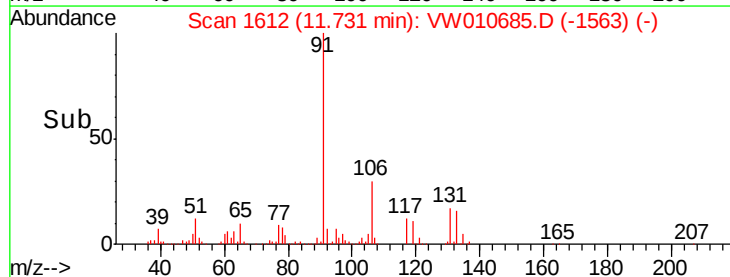
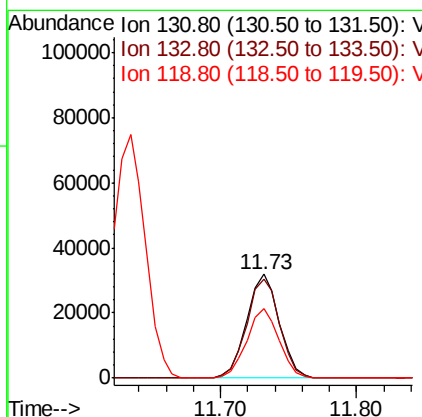
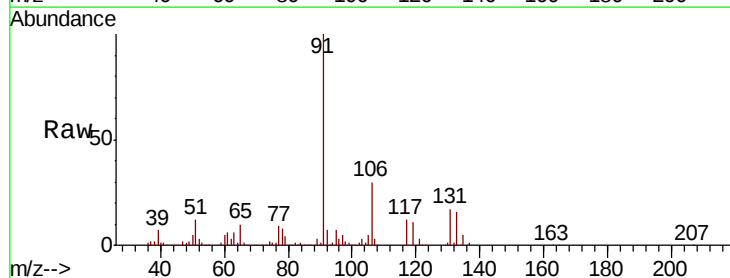
Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

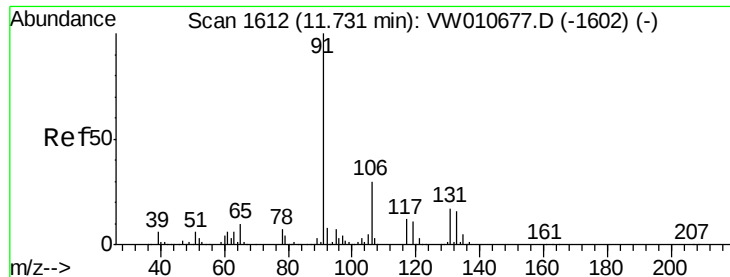
Tgt Ion:112 Resp: 155547
Ion Ratio Lower Upper
112 100
114 31.6 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.405 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

Tgt Ion:131 Resp: 53315
Ion Ratio Lower Upper
131 100
133 97.0 47.3 141.9
119 66.6 32.4 97.0





#67

Ethyl Benzene

Concen: 20.552 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

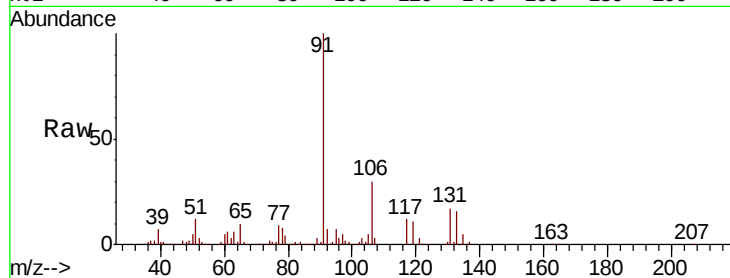
VW0605SBS02

Tgt Ion: 91 Resp: 298130

Ion Ratio Lower Upper

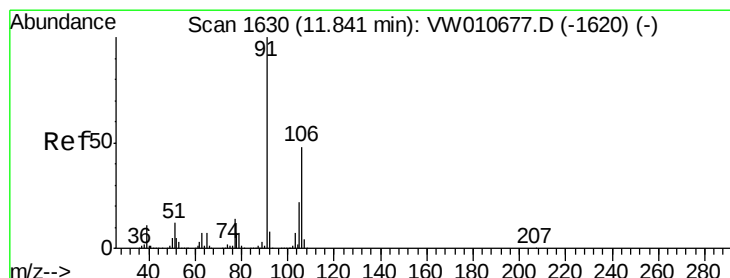
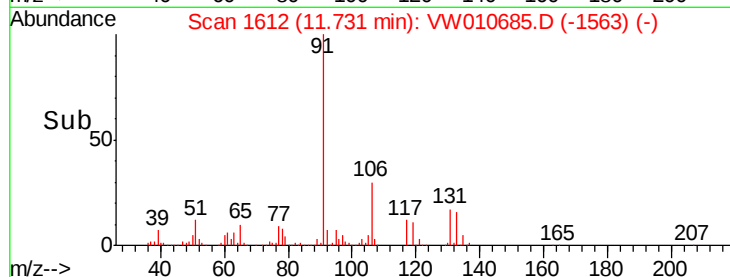
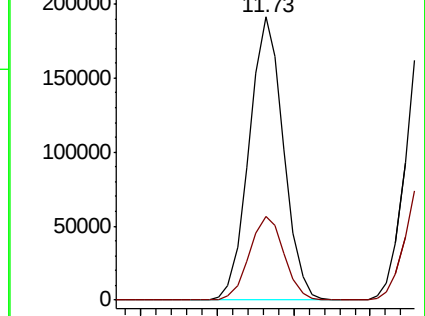
91 100

106 29.6 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.470 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW010685.D

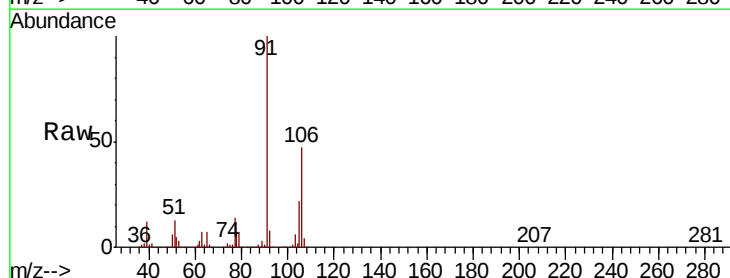
Acq: 05 Jun 2019 11:58

Tgt Ion: 106 Resp: 215342

Ion Ratio Lower Upper

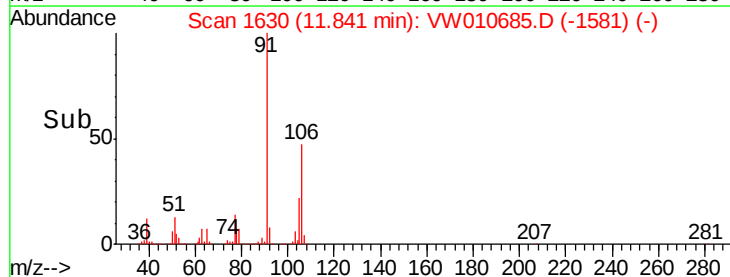
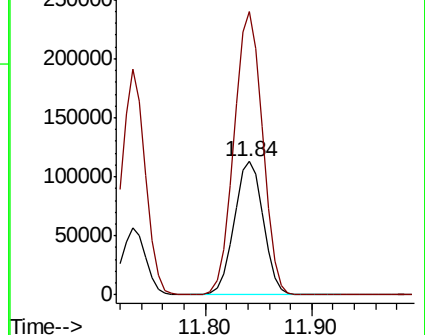
106 100

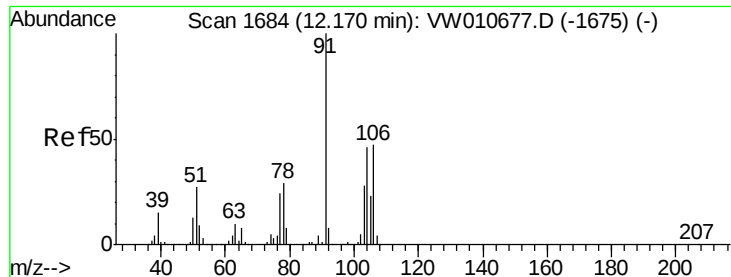
91 209.8 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

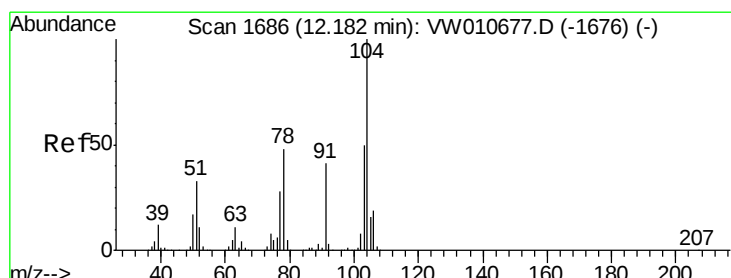
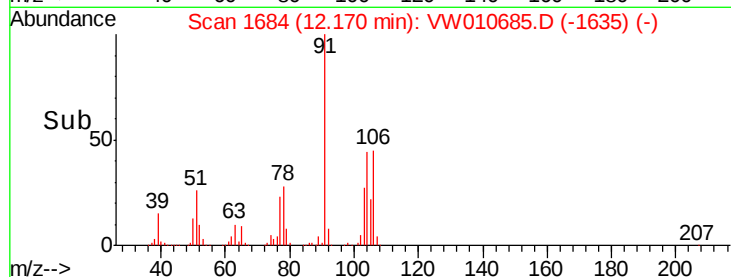
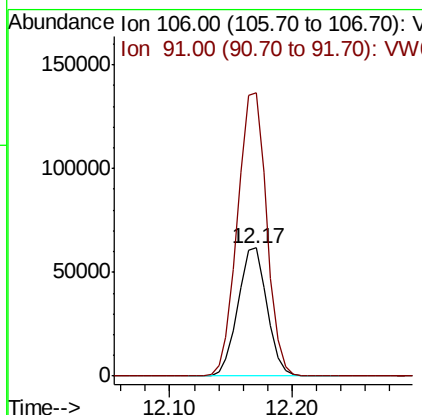
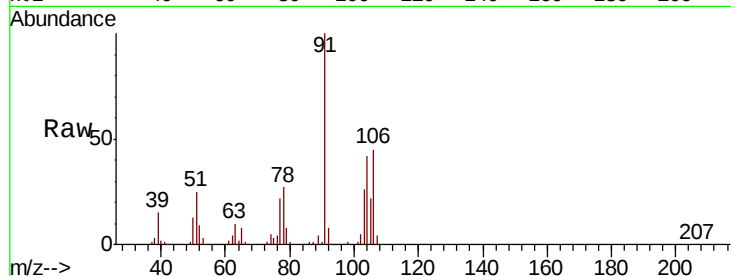




#69
o-Xylene
Concen: 20.641 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

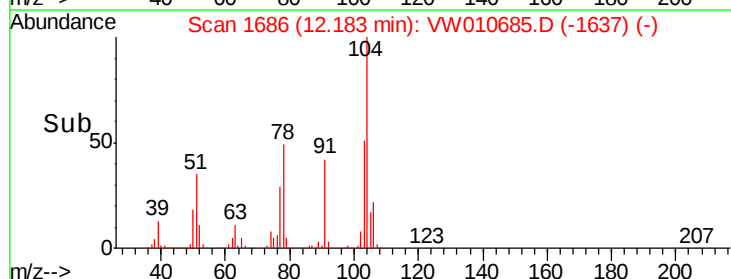
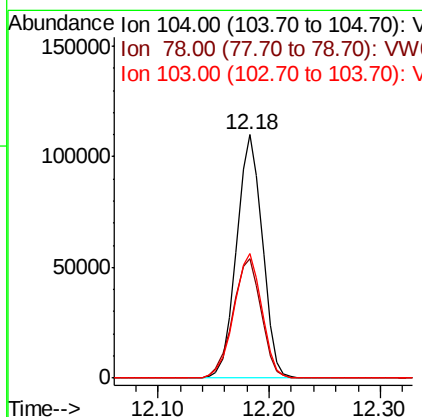
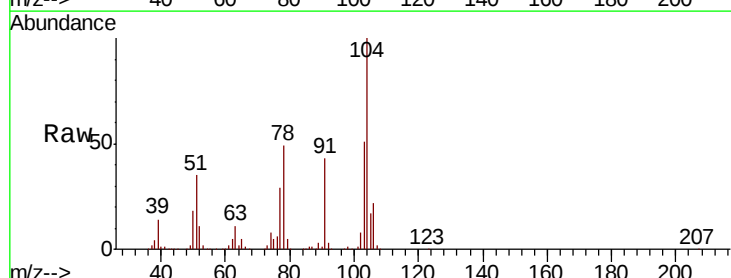
Instrument :
MSVOA_W
ClientSampled :
VW0605SBS02

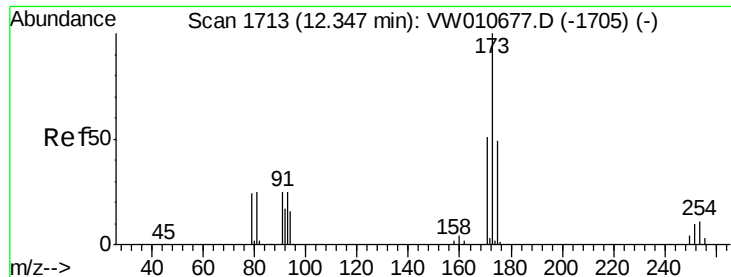
Tgt Ion:106 Resp: 101655
Ion Ratio Lower Upper
106 100
91 221.8 108.9 326.6



#70
Styrene
Concen: 20.696 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

Tgt Ion:104 Resp: 177061
Ion Ratio Lower Upper
104 100
78 53.8 42.7 64.1
103 54.8 43.6 65.4





#71

Bromoform

Concen: 21.294 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

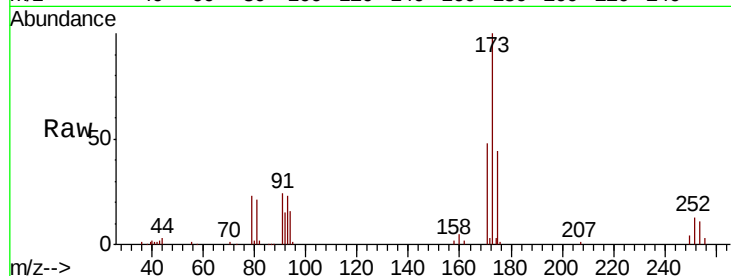
Tgt Ion:173 Resp: 28775

Ion Ratio Lower Upper

173 100

175 48.1 24.3 72.8

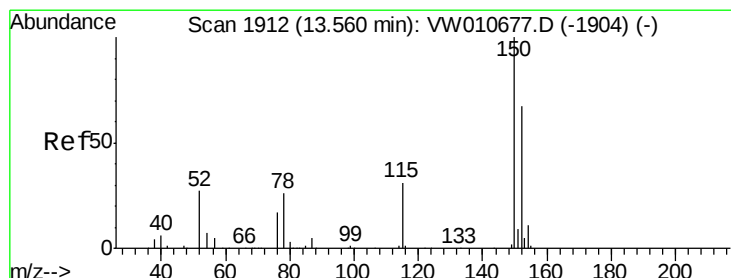
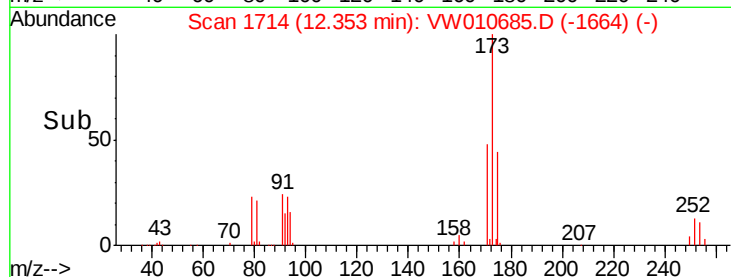
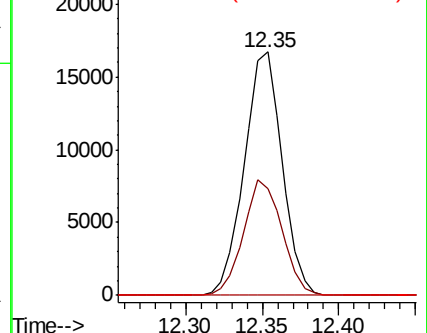
254 0.0 0.1 0.1#



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: VW010685.D

Acq: 05 Jun 2019 11:58

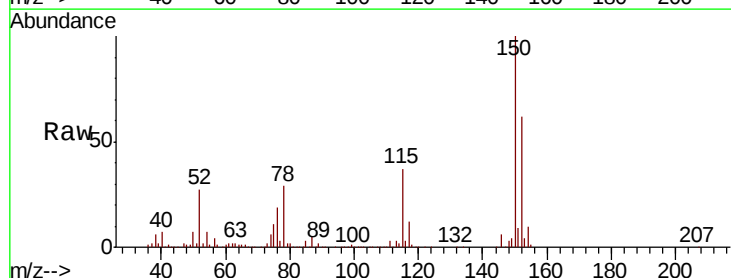
Tgt Ion:152 Resp: 184115

Ion Ratio Lower Upper

152 100

115 60.2 29.8 89.3

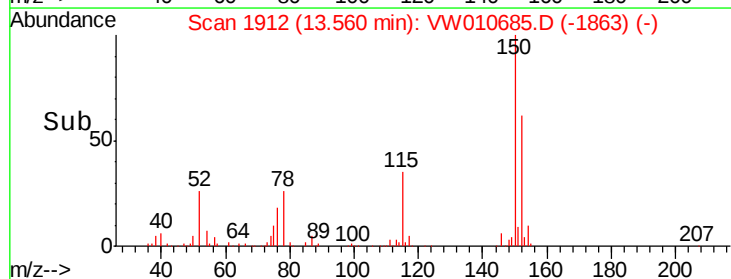
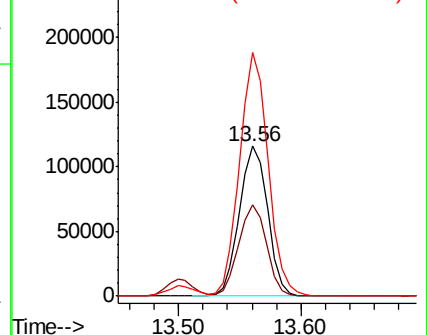
150 164.9 0.0 345.0

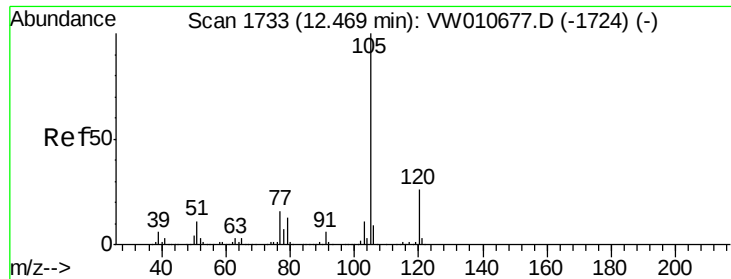


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.598 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

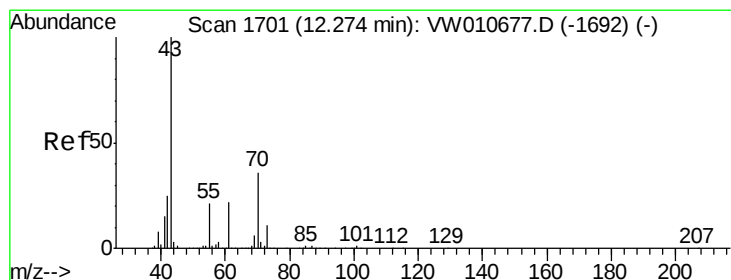
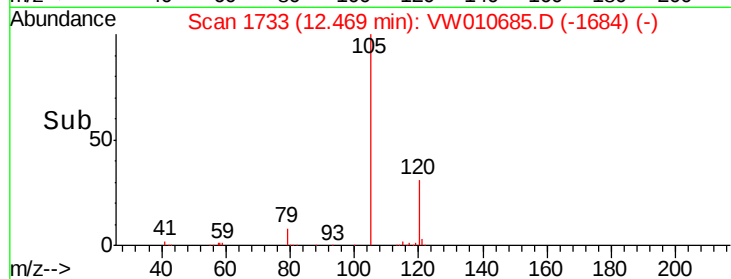
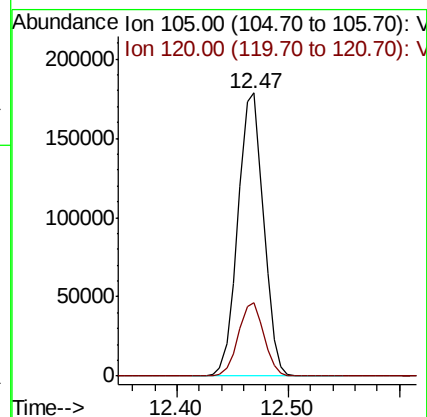
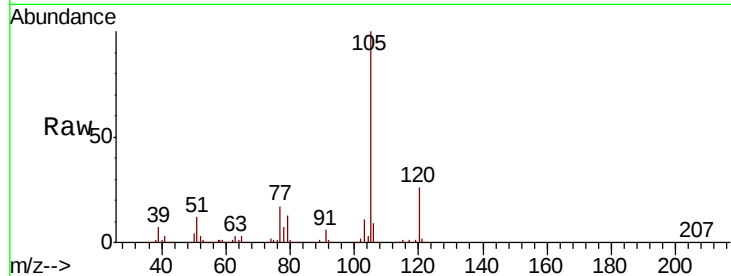
VW0605SBS02

Tgt Ion: 105 Resp: 284988

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.1



#74

N-ethyl acetate

Concen: 21.604 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Tgt Ion: 43 Resp: 96602

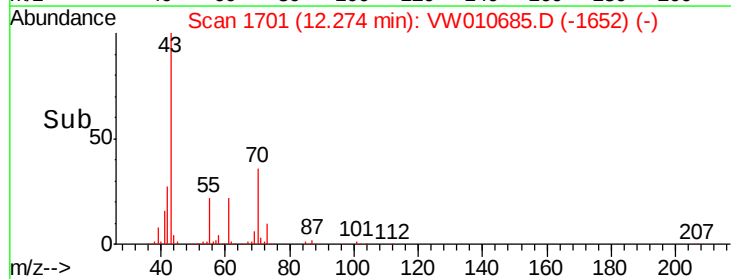
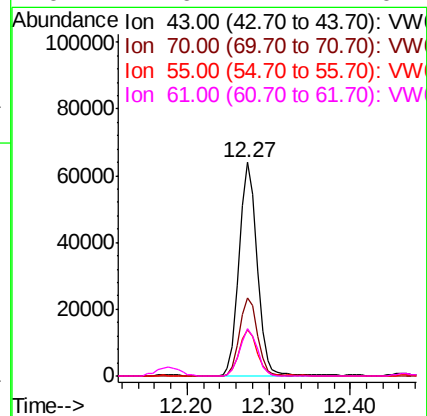
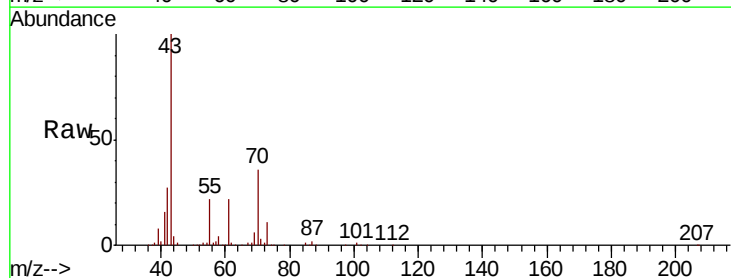
Ion Ratio Lower Upper

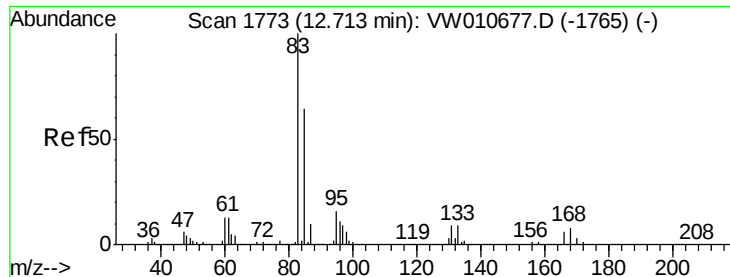
43 100

70 36.3 29.2 43.8

55 22.1 17.5 26.3

61 21.6 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.191 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

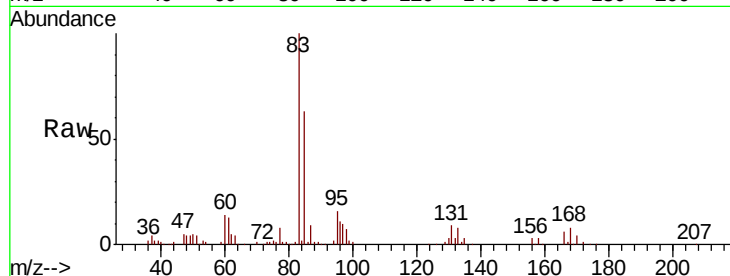
Tgt Ion: 83 Resp: 55815

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

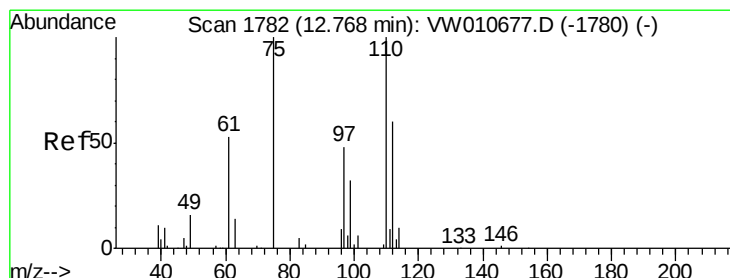
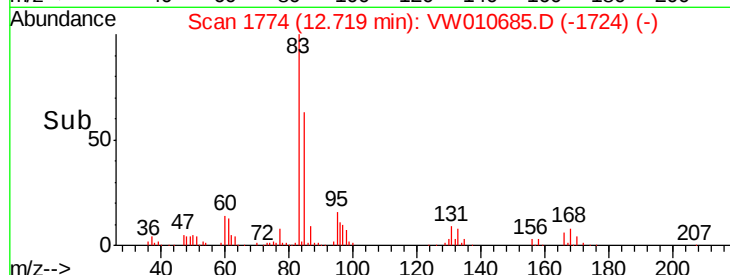
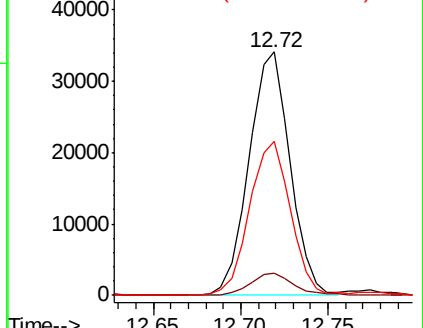
85 63.1 31.9 95.9



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: 38.493 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW010685.D

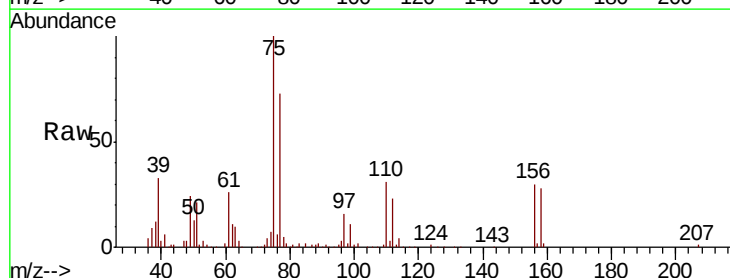
Acq: 05 Jun 2019 11:58

Tgt Ion: 75 Resp: 74424

Ion Ratio Lower Upper

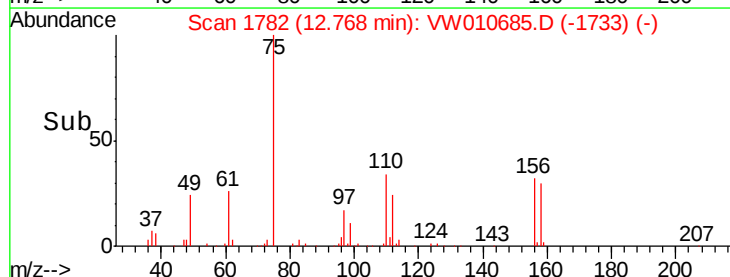
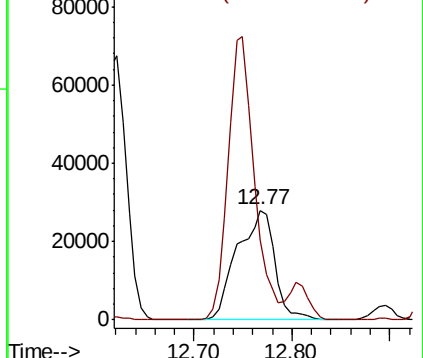
75 100

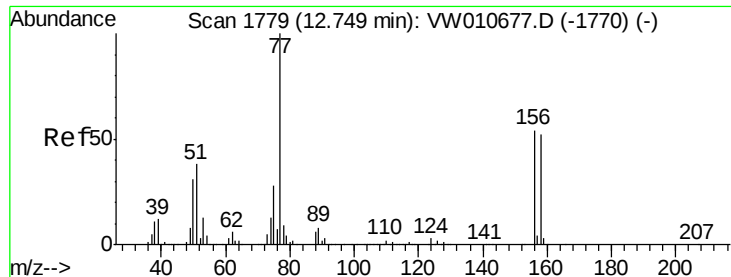
77 180.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.454 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

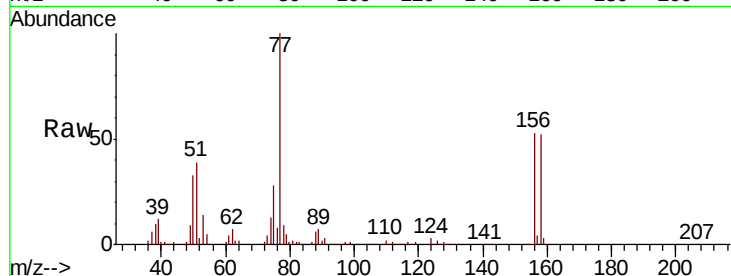
Tgt Ion:156 Resp: 61773

Ion Ratio Lower Upper

156 100

77 216.8 106.5 319.4

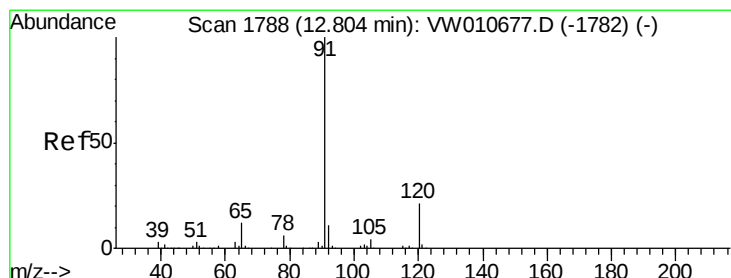
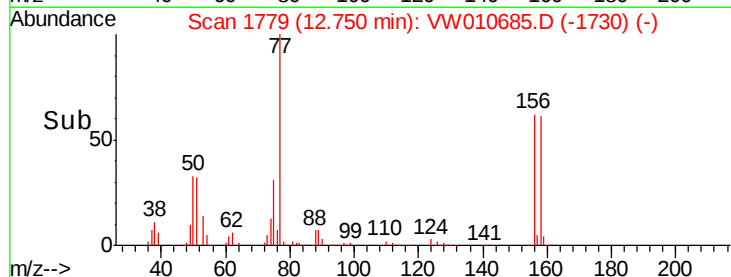
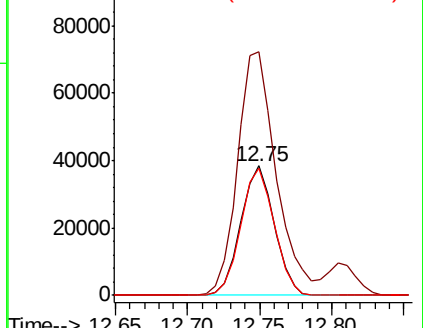
158 98.5 48.3 144.9



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: 20.405 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010685.D

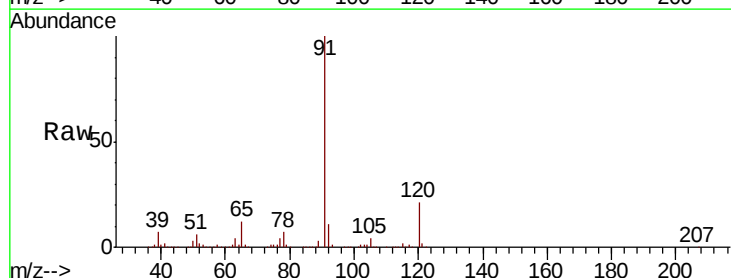
Acq: 05 Jun 2019 11:58

Tgt Ion: 91 Resp: 340418

Ion Ratio Lower Upper

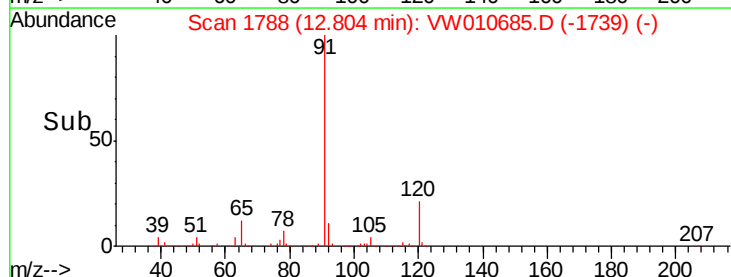
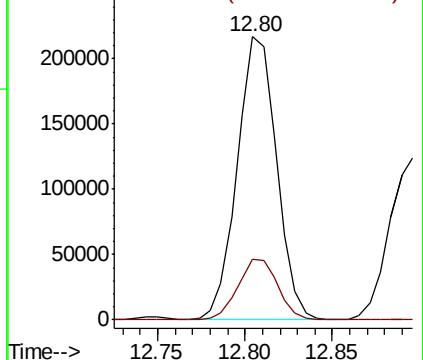
91 100

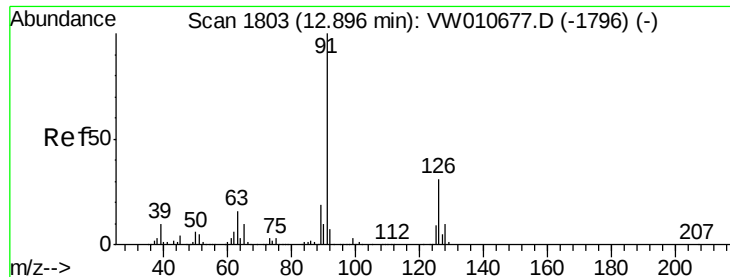
120 21.7 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.593 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

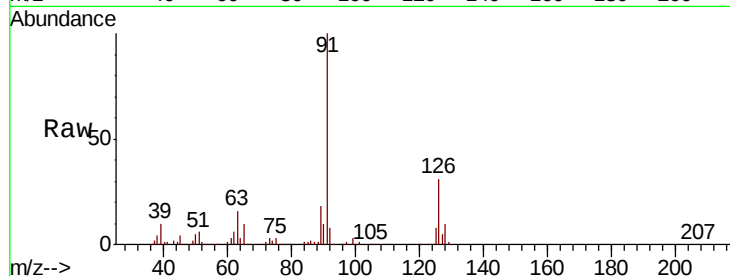
VW0605SBS02

Tgt Ion: 91 Resp: 196277

Ion Ratio Lower Upper

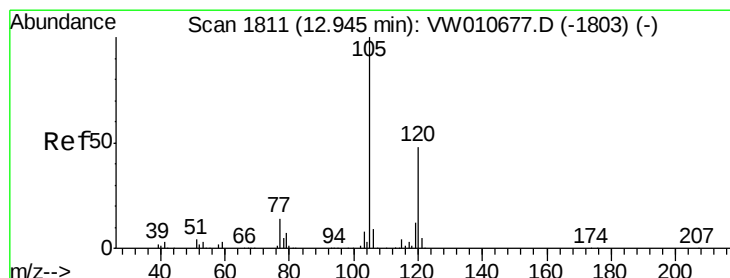
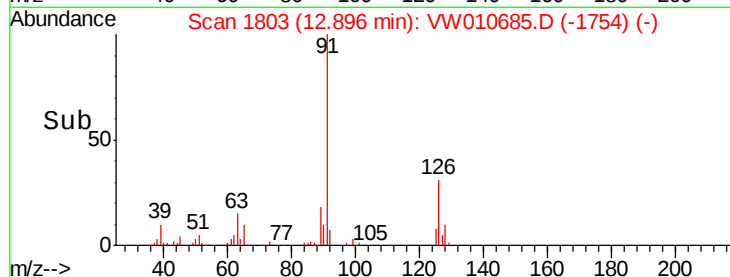
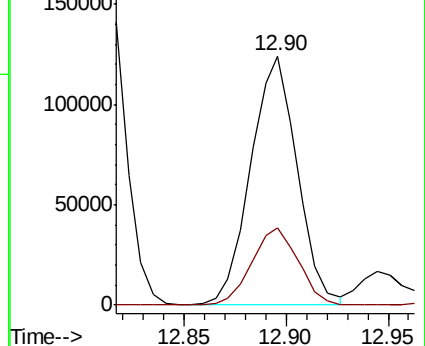
91 100

126 31.2 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: 20.405 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW010685.D

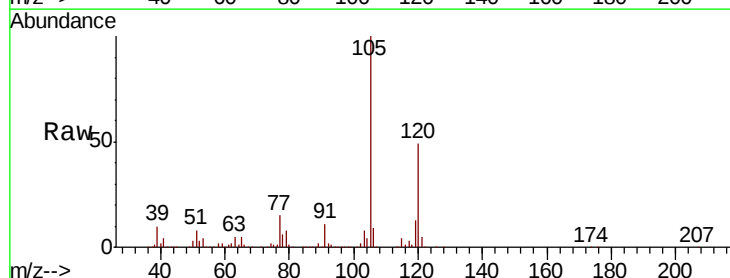
Acq: 05 Jun 2019 11:58

Tgt Ion: 105 Resp: 231078

Ion Ratio Lower Upper

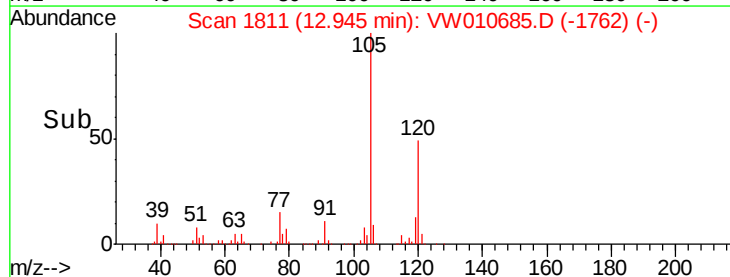
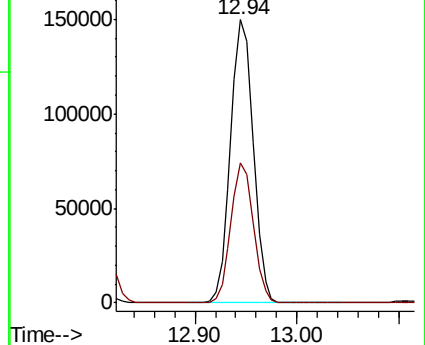
105 100

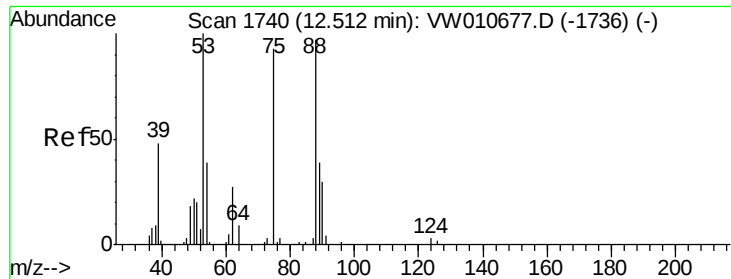
120 49.0 24.3 72.8



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: 21.423 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

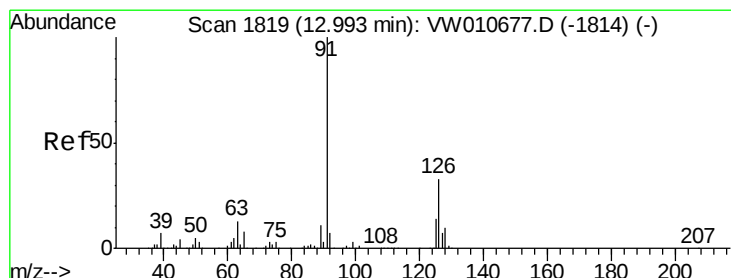
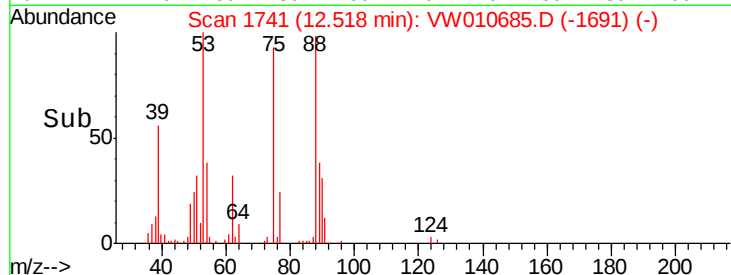
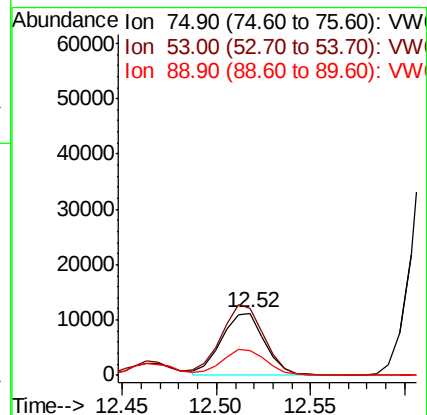
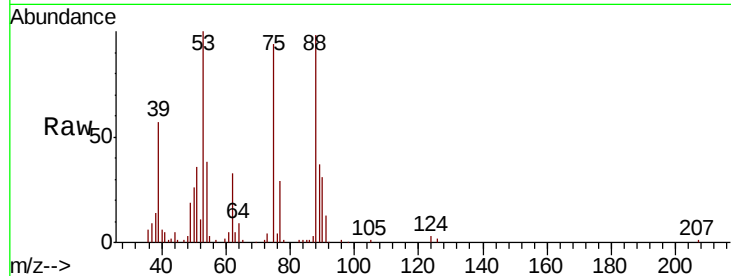
Tgt Ion: 75 Resp: 18022

Ion Ratio Lower Upper

75 100

53 111.8 90.1 135.1

89 42.2 34.6 52.0



#82

4-Chlorotoluene

Concen: 20.754 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW010685.D

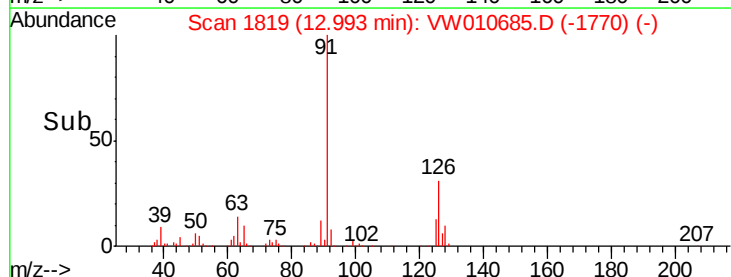
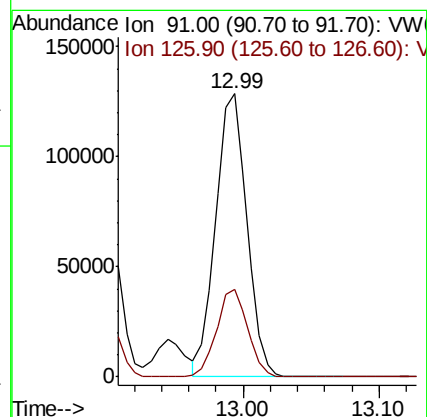
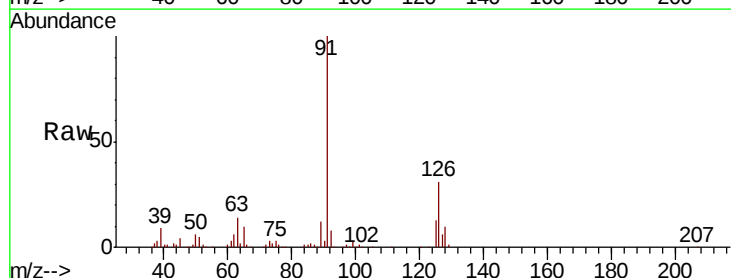
Acq: 05 Jun 2019 11:58

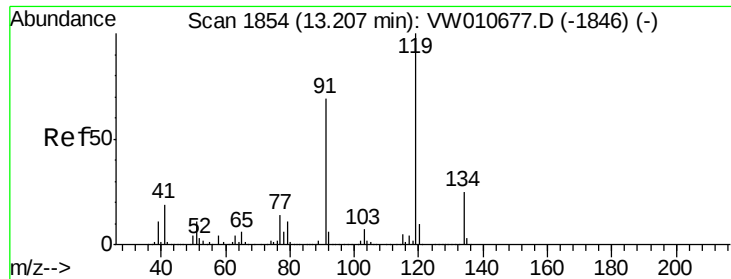
Tgt Ion: 91 Resp: 204128

Ion Ratio Lower Upper

91 100

126 31.0 15.9 47.7

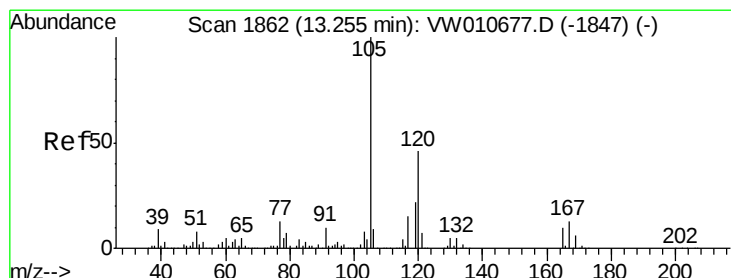
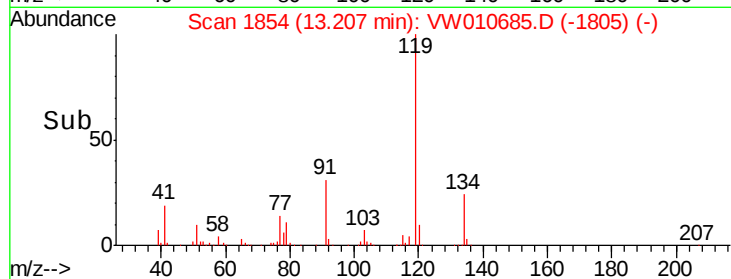
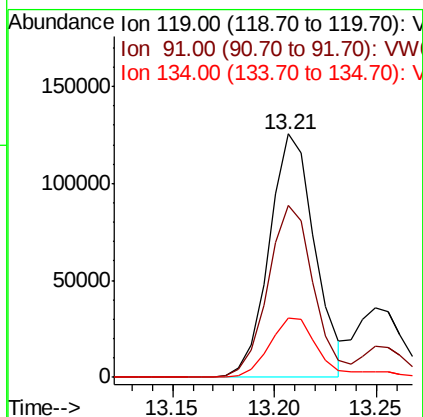
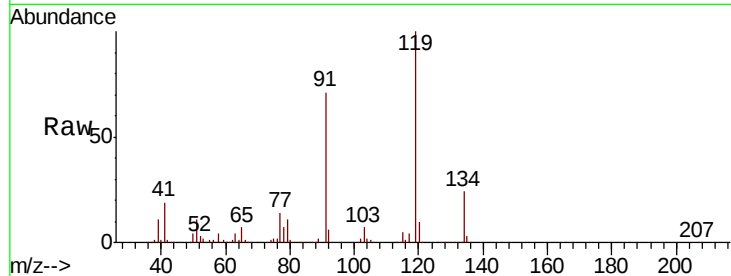




#83
 tert-Butylbenzene
 Concen: 20.361 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

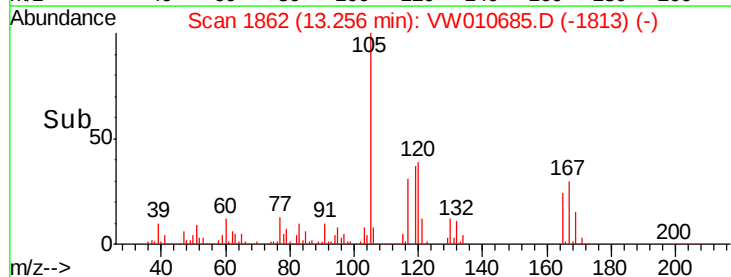
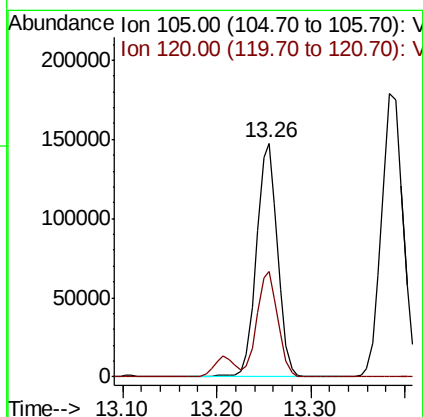
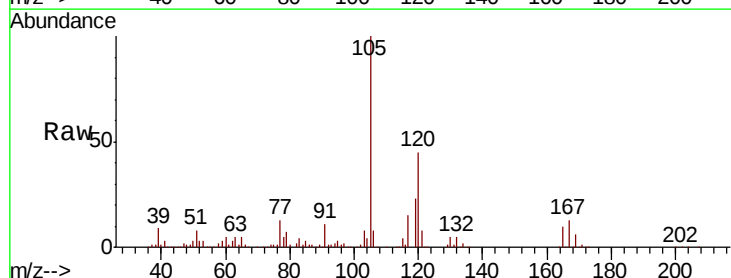
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

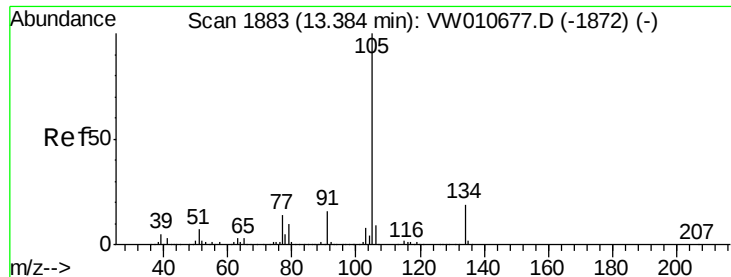
Tgt Ion:119 Resp: 195691
 Ion Ratio Lower Upper
 119 100
 91 71.2 35.1 105.3
 134 27.2 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.415 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

Tgt Ion:105 Resp: 232646
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.5 67.5





#85

sec-Butylbenzene

Concen: 20.351 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

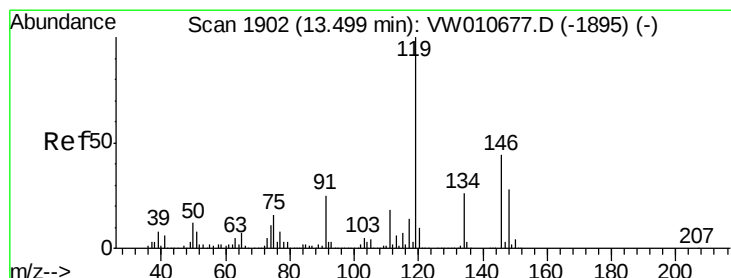
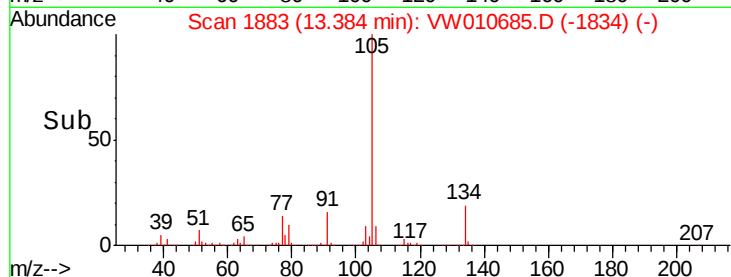
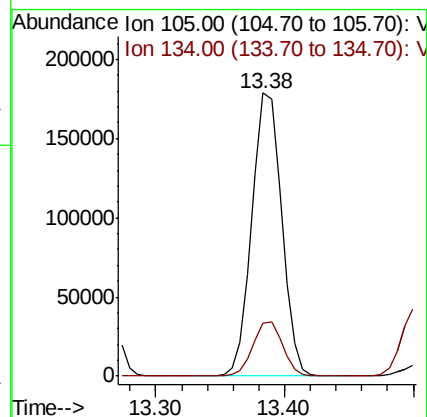
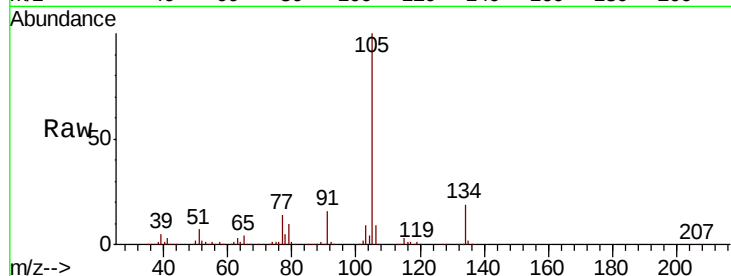
VW0605SBS02

Tgt Ion:105 Resp: 284775

Ion Ratio Lower Upper

105 100

134 19.1 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.318 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

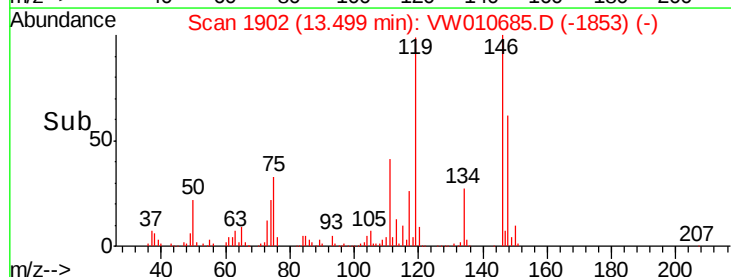
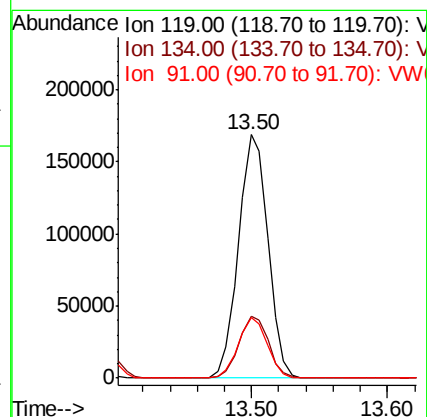
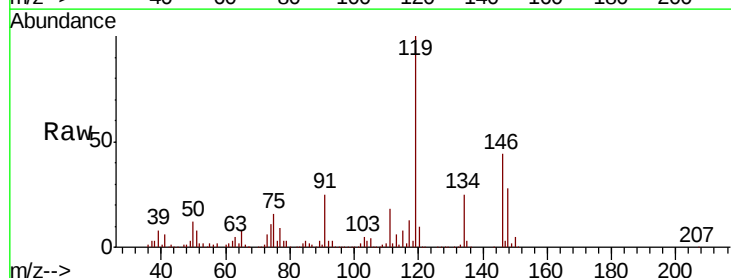
Tgt Ion:119 Resp: 254246

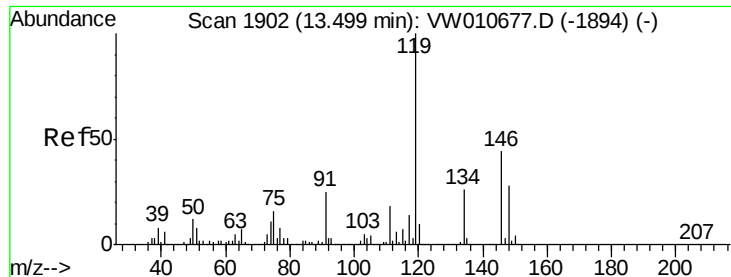
Ion Ratio Lower Upper

119 100

134 25.6 13.0 39.0

91 24.7 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 20.832 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

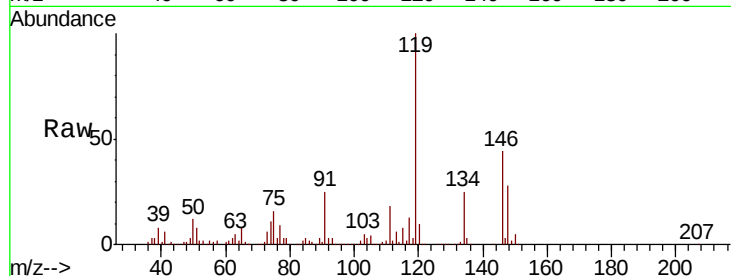
Tgt Ion:146 Resp: 121328

Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.3

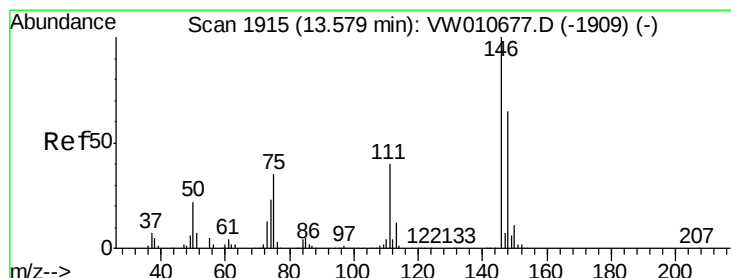
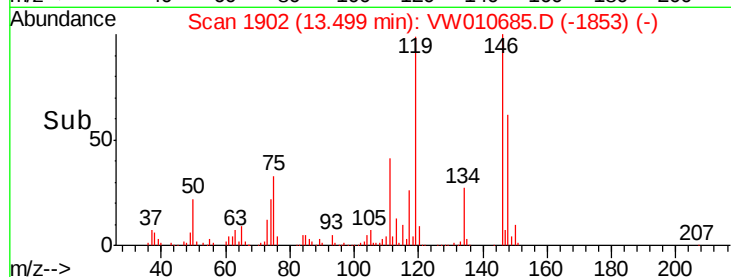
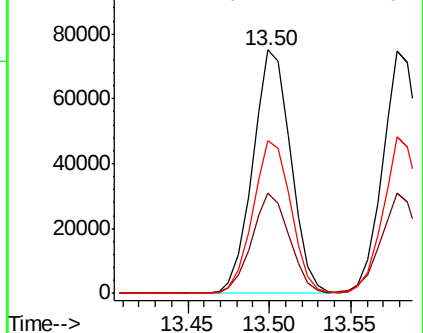
148 62.8 31.5 94.5



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



#88

1,4-Dichlorobenzene

Concen: 20.614 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

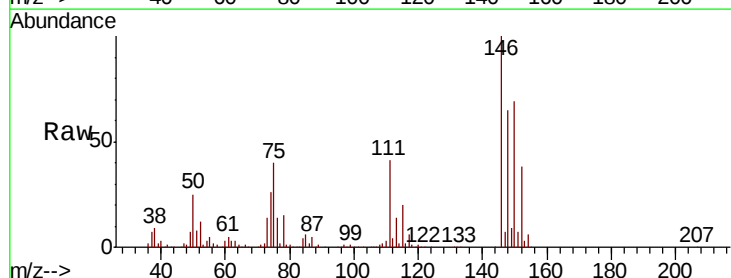
Tgt Ion:146 Resp: 119026

Ion Ratio Lower Upper

146 100

111 41.9 20.3 60.9

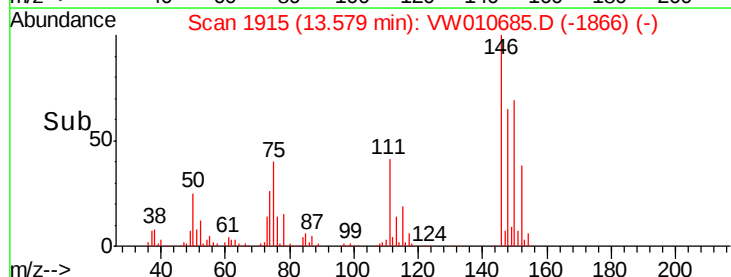
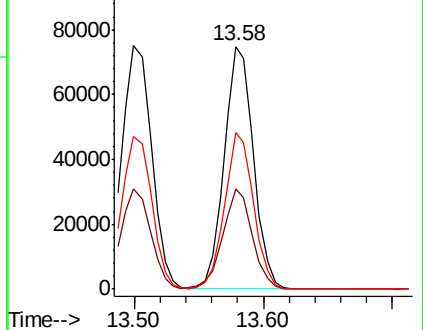
148 63.9 32.4 97.2

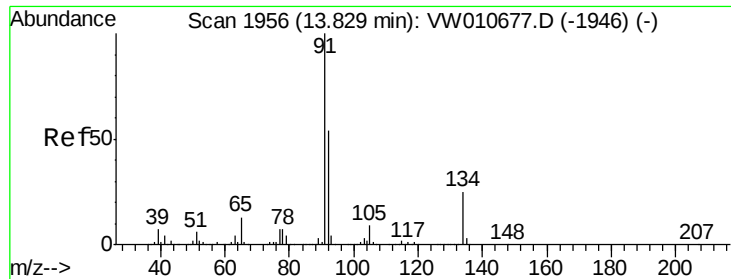


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.327 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW010685.D

Acq: 05 Jun 2019 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0605SBS02

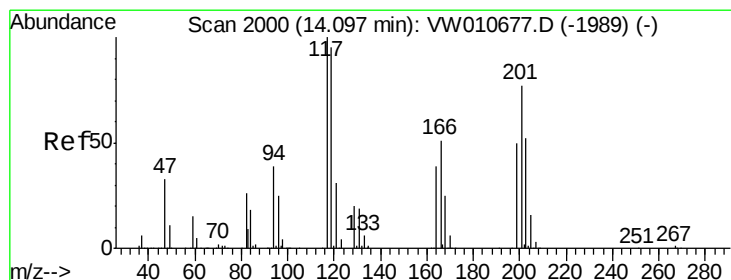
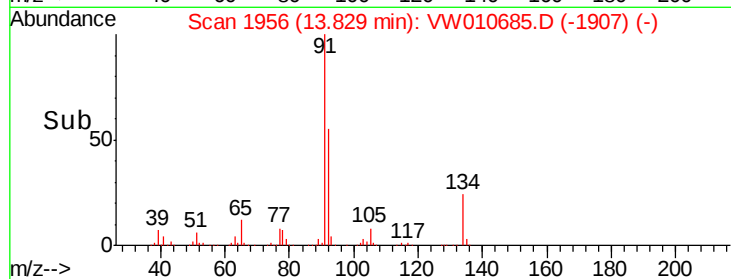
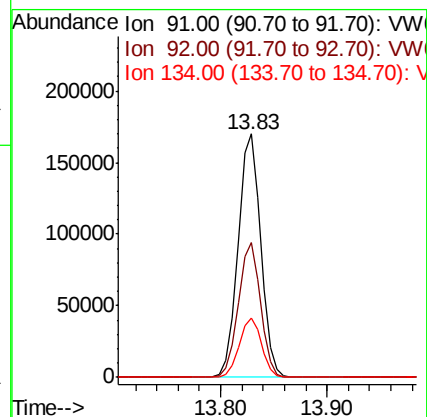
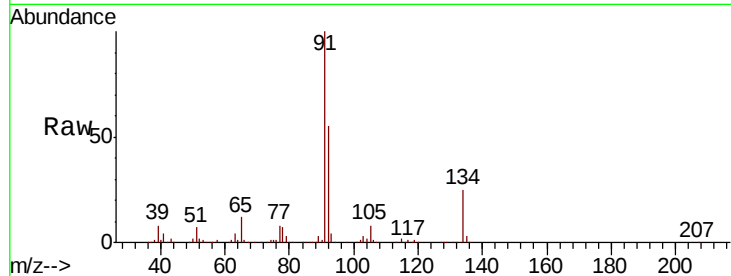
Tgt Ion: 91 Resp: 253795

Ion Ratio Lower Upper

91 100

92 54.3 27.3 81.8

134 24.2 12.3 36.9



#90

Hexachloroethane

Concen: 20.325 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW010685.D

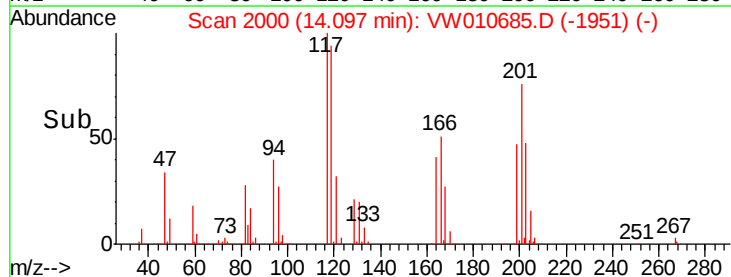
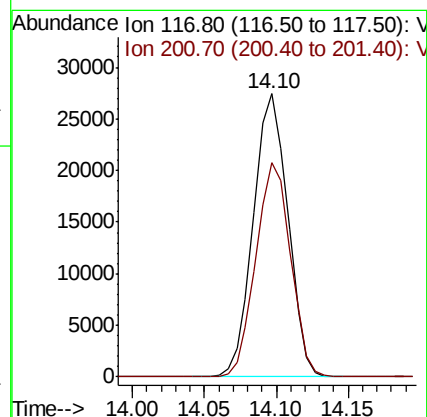
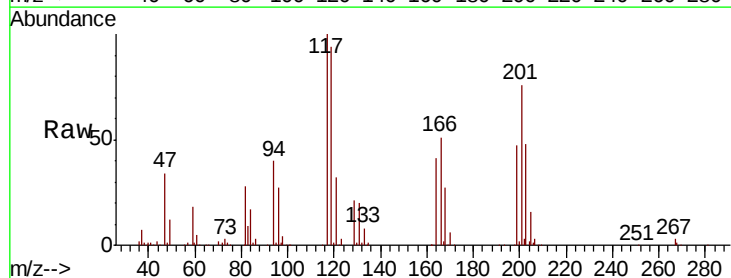
Acq: 05 Jun 2019 11:58

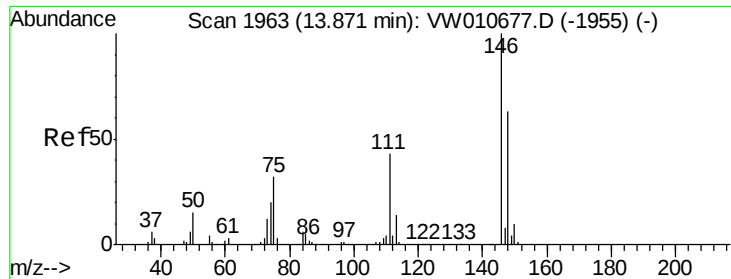
Tgt Ion: 117 Resp: 45548

Ion Ratio Lower Upper

117 100

201 76.3 38.8 116.4

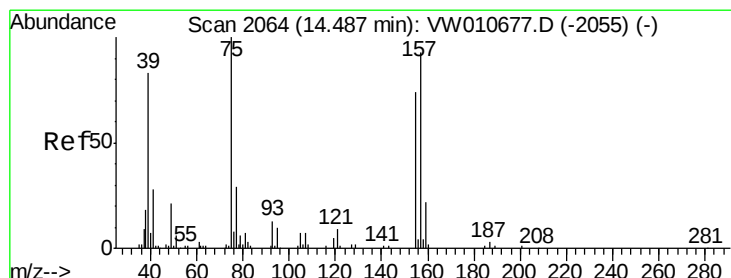
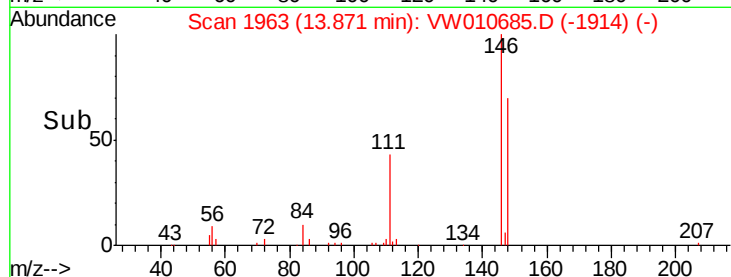
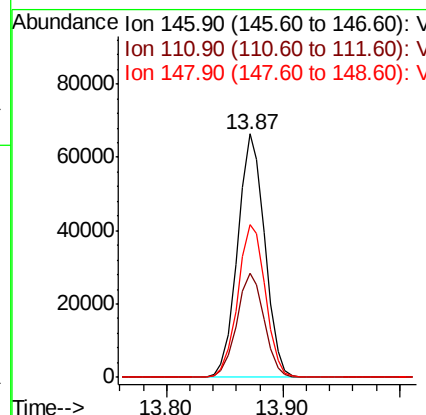
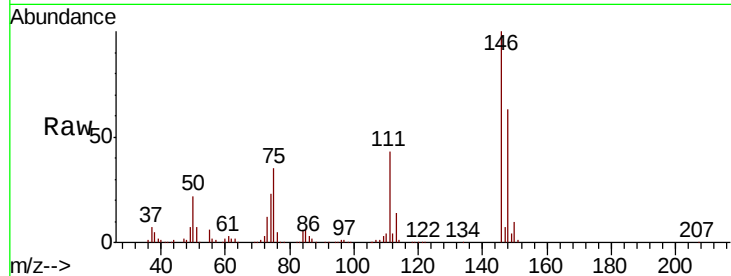




#91
 1,2-Dichlorobenzene
 Concen: 20.549 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

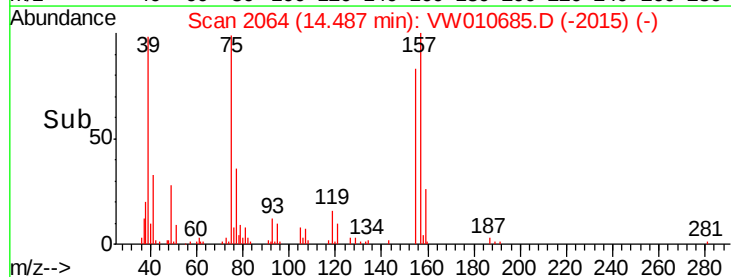
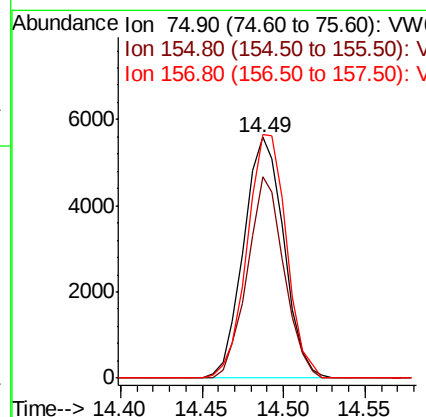
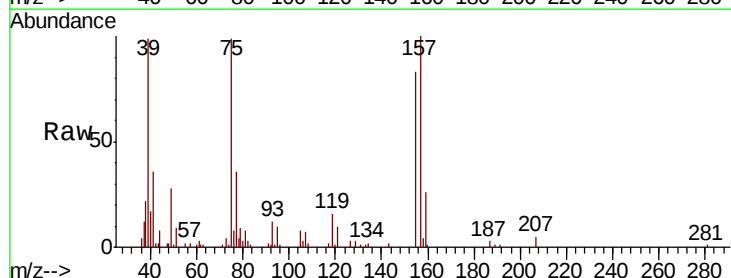
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

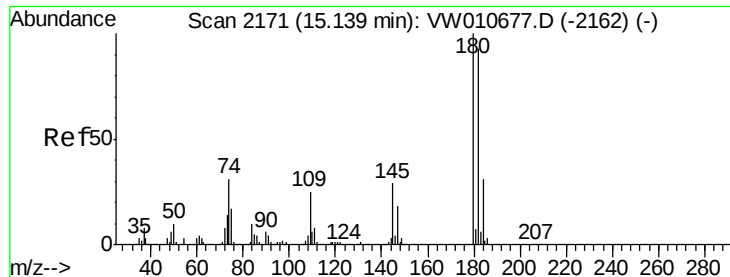
Tgt Ion: 146 Resp: 107626
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.5 64.5
 148 63.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.172 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

Tgt Ion: 75 Resp: 9576
 Ion Ratio Lower Upper
 75 100
 155 76.4 38.8 116.4
 157 98.7 48.4 145.0

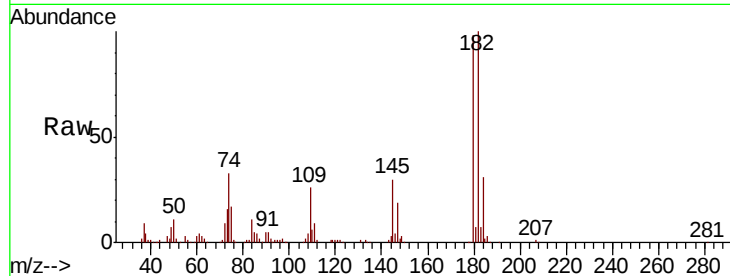




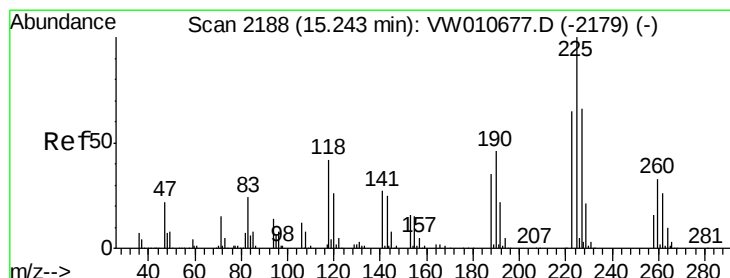
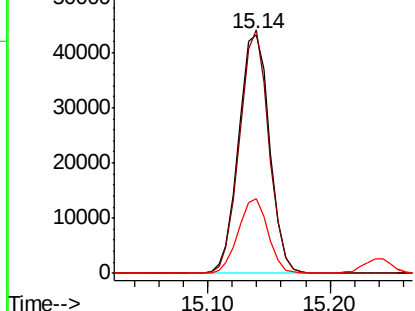
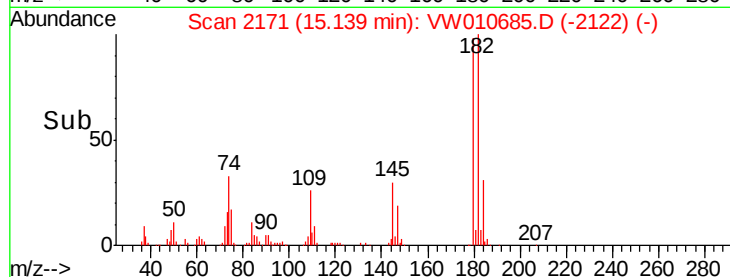
#93
 1,2,4-Trichlorobenzene
 Concen: 20.635 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0605SBS02

Tgt Ion:180 Resp: 75845
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.1 141.4
 145 29.9 15.2 45.5

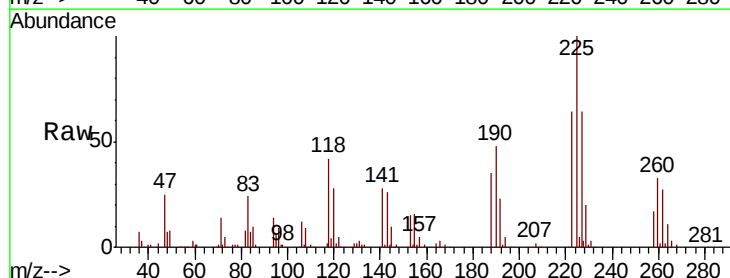


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

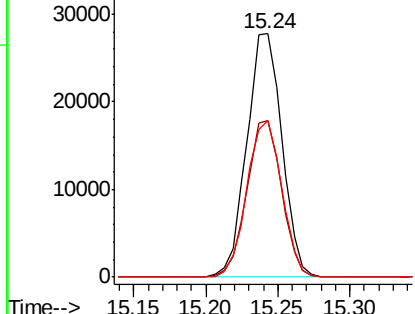
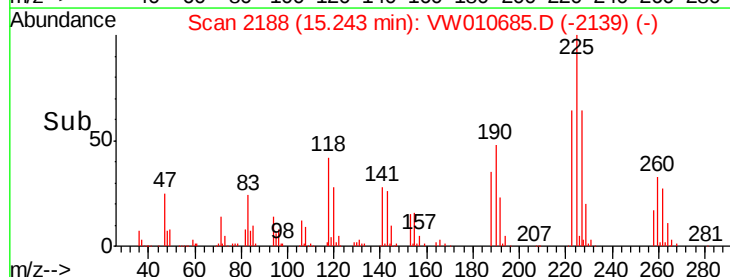


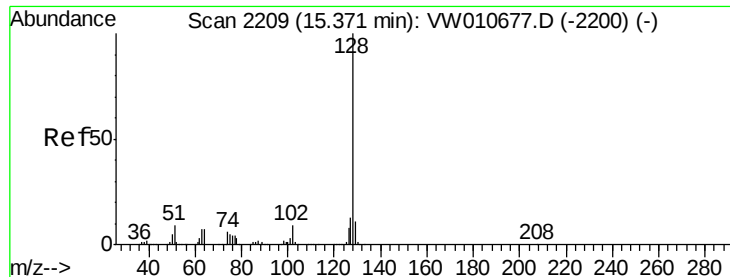
#94
 Hexachlorobutadiene
 Concen: 20.290 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010685.D
 Acq: 05 Jun 2019 11:58

Tgt Ion:225 Resp: 46804
 Ion Ratio Lower Upper
 225 100
 223 63.9 32.2 96.6
 227 63.6 32.0 96.0



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

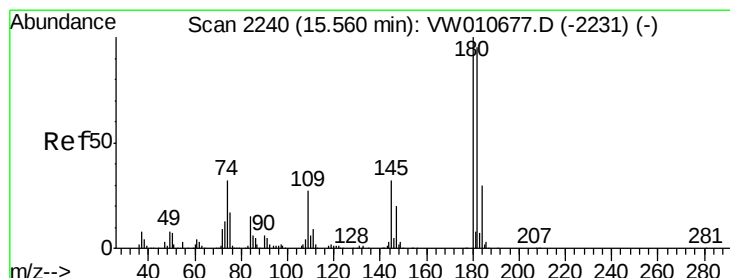
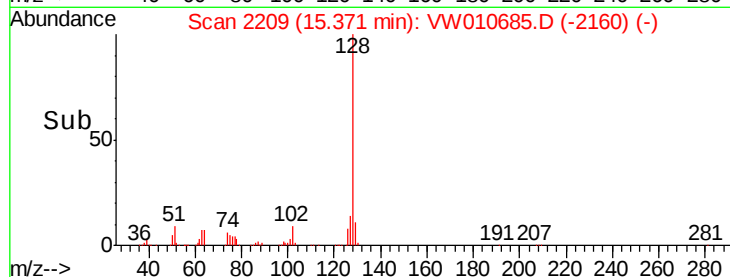
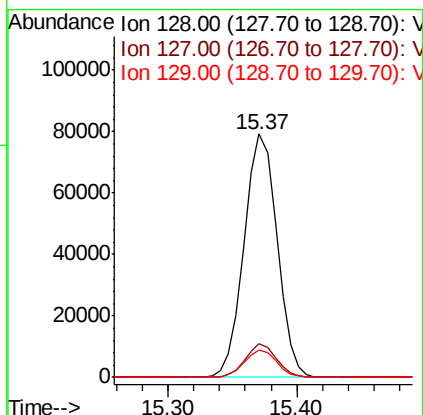
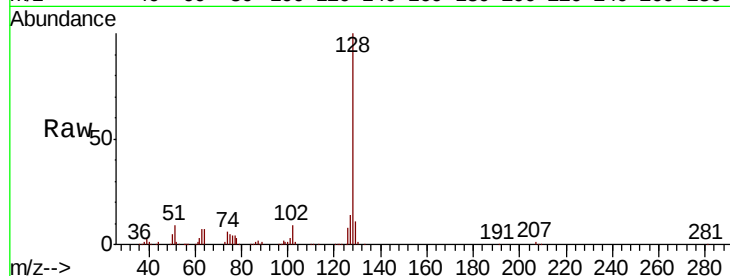




#95
Naphthalene
Concen: 21.070 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0605SBS02

Tgt Ion:128 Resp: 140701
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.119 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW010685.D
Acq: 05 Jun 2019 11:58

Tgt Ion:180 Resp: 66013
Ion Ratio Lower Upper
180 100
182 96.4 47.0 141.0
145 32.5 16.1 48.3

