

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
 Data File : VW010738.D
 Acq On : 10 Jun 2019 12:01
 Operator : SY/VA
 Sample : VW0610SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBS01

Quant Time: Jun 11 05:23:39 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	252916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	409729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	362076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	172981	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154622	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
35) Dibromofluoromethane	7.88	113	122621	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	
50) Toluene-d8	10.32	98	522989	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
62) 4-Bromofluorobenzene	12.62	95	192238	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48037	20.553	ug/l	100
3) Chloromethane	2.21	50	70976	20.641	ug/l	98
4) Vinyl Chloride	2.35	62	63335	19.935	ug/l	98
5) Bromomethane	2.75	94	35318	20.244	ug/l	95
6) Chloroethane	2.90	64	37136	19.474	ug/l	97
7) Trichlorofluoromethane	3.25	101	85147	20.646	ug/l	100
8) Diethyl Ether	3.68	74	27265	18.500	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	52137	20.563	ug/l	100
10) Methyl Iodide	4.26	142	41187	19.054	ug/l	98
11) Tert butyl alcohol	5.16	59	27448	113.020	ug/l	96
12) 1,1-Dichloroethene	4.03	96	49197	20.114	ug/l	98
13) Acrolein	3.89	56	6839	68.914	ug/l	99
14) Allyl chloride	4.67	41	113146	20.980	ug/l	99
15) Acrylonitrile	5.36	53	63817	89.130	ug/l	99
16) Acetone	4.12	43	72271	90.478	ug/l	100
17) Carbon Disulfide	4.37	76	157205	20.247	ug/l	100
18) Methyl Acetate	4.67	43	31763	18.473	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	130612	18.515	ug/l	99
20) Methylene Chloride	4.91	84	57283	20.442	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	56472	20.339	ug/l	95
22) Diisopropyl ether	6.31	45	218663	20.252	ug/l	94
23) Vinyl Acetate	6.25	43	609430	93.530	ug/l	99
24) 1,1-Dichloroethane	6.21	63	113287	20.937	ug/l	98
25) 2-Butanone	7.17	43	95841	86.530	ug/l	97
26) 2,2-Dichloropropane	7.17	77	100137	22.743	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	61529	20.136	ug/l	96
28) Bromochloromethane	7.51	49	48065	19.905	ug/l	98
29) Tetrahydrofuran	7.53	42	58495	83.963	ug/l	100
30) Chloroform	7.67	83	99808	20.167	ug/l	100
31) Cyclohexane	7.95	56	120490	20.032	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	91177	21.090	ug/l	100
36) 1,1-Dichloropropene	8.08	75	87899	20.958	ug/l	100
37) Ethyl Acetate	7.25	43	41655	17.923	ug/l	99
38) Carbon Tetrachloride	8.07	117	76359	21.091	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	108503	20.351	ug/l	99
40) Benzene	8.32	78	234284	20.477	ug/l	98
41) Methacrylonitrile	7.48	41	24475	17.717	ug/l	96
42) 1,2-Dichloroethane	8.40	62	72425	19.944	ug/l	98
43) Isopropyl Acetate	8.42	43	79698	17.750	ug/l	99
44) Trichloroethene	9.09	130	58086	20.581	ug/l	97
45) 1,2-Dichloropropane	9.37	63	62214	20.541	ug/l	98
46) Dibromomethane	9.46	93	26474	18.819	ug/l	98
47) Bromodichloromethane	9.65	83	73685	20.206	ug/l	95
48) Methyl methacrylate	9.43	41	38185	17.639	ug/l	100
49) 1,4-Dioxane	9.45	88	8303	377.508	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	200405	87.368	ug/l	99
52) Toluene	10.39	92	144159	20.478	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	76715	19.862	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	92529	20.358	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	38462	18.979	ug/l	98
56) Ethyl methacrylate	10.65	69	56660	18.170	ug/l	97
57) 1,3-Dichloropropane	10.93	76	72608	19.011	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	157652	96.521	ug/l	99
59) 2-Hexanone	10.97	43	141747	85.504	ug/l	99
60) Dibromochloromethane	11.13	129	43494	19.360	ug/l	100
61) 1,2-Dibromoethane	11.23	107	35166	18.314	ug/l	99
64) Tetrachloroethene	10.86	164	47540	19.775	ug/l	97
65) Chlorobenzene	11.66	112	145410	20.422	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49946	20.264	ug/l	99
67) Ethyl Benzene	11.73	91	285050	20.831	ug/l	100
68) m/p-Xylenes	11.84	106	203350	41.513	ug/l	99
69) o-Xylene	12.16	106	95271	20.507	ug/l	97
70) Styrene	12.18	104	164687	20.406	ug/l	99
71) Bromoform	12.35	173	23777	18.653	ug/l #	98
73) Isopropylbenzene	12.46	105	269839	20.759	ug/l	99
74) N-amyl acetate	12.27	43	76426	18.192	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	43738	17.674	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	60460	33.283	ug/l #	100
77) Bromobenzene	12.75	156	56432	19.888	ug/l	98
78) n-propylbenzene	12.80	91	330122	21.062	ug/l	100
79) 2-Chlorotoluene	12.89	91	185333	20.696	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	224563	21.106	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14247	18.026	ug/l	97
82) 4-Chlorotoluene	12.99	91	193261	20.913	ug/l	99
83) tert-Butylbenzene	13.21	119	188853	20.914	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	224583	20.976	ug/l	99
85) sec-Butylbenzene	13.38	105	275101	20.925	ug/l	100
86) p-Isopropyltoluene	13.50	119	246143	20.936	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	112401	20.542	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	110390	20.349	ug/l	99
89) n-Butylbenzene	13.83	91	249459	21.266	ug/l	100
90) Hexachloroethane	14.10	117	44754	21.256	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	98774	20.073	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7721	18.169	ug/l	94

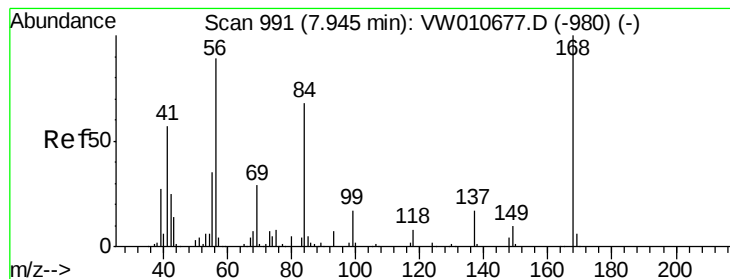
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061019\
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QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	69801	20.213	ug/l	100
94) Hexachlorobutadiene	15.24	225	45640	21.059	ug/l	99
95) Naphthalene	15.37	128	108226	17.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	57026	19.418	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

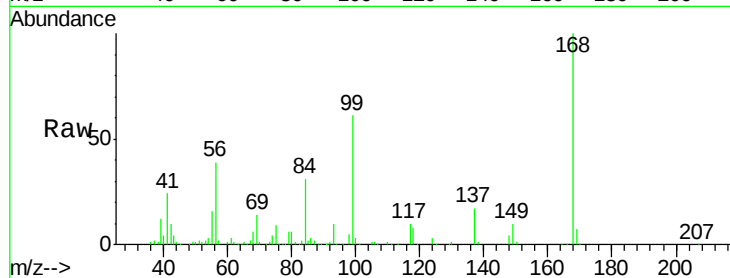
VW0610SBS01

Tgt Ion:168 Resp: 252916

Ion Ratio Lower Upper

168 100

99 60.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

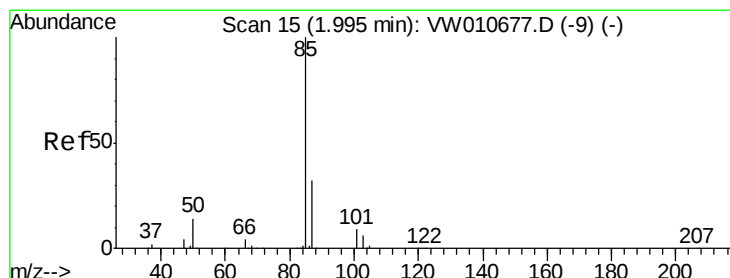
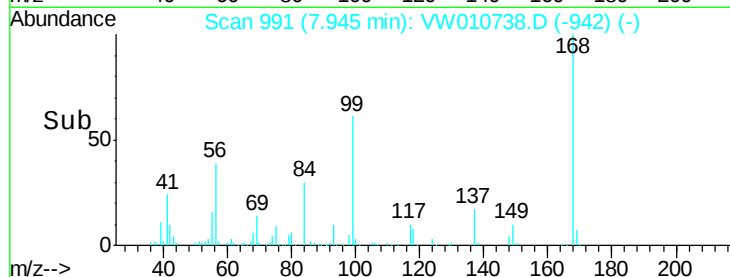
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 20.553 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010738.D

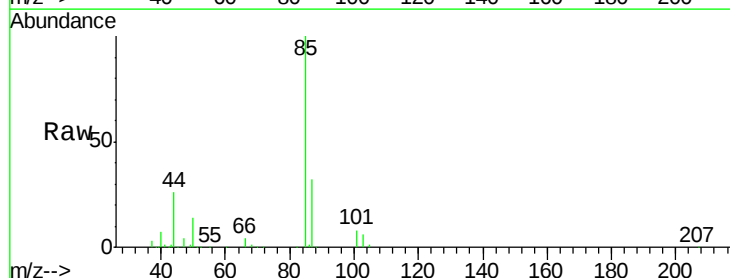
Acq: 10 Jun 2019 12:01

Tgt Ion: 85 Resp: 48037

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

25000

20000

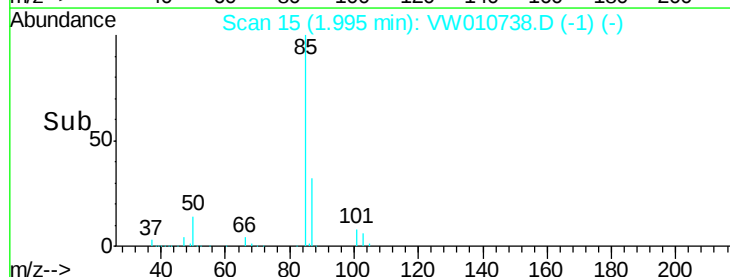
15000

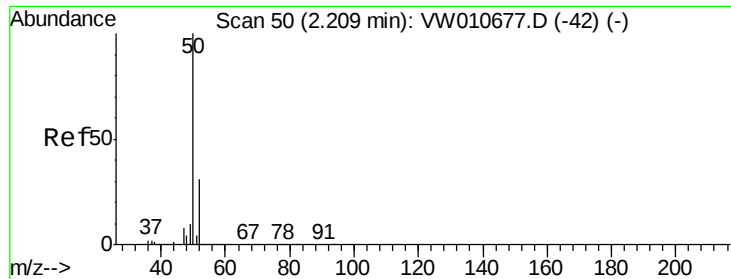
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 20.641 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

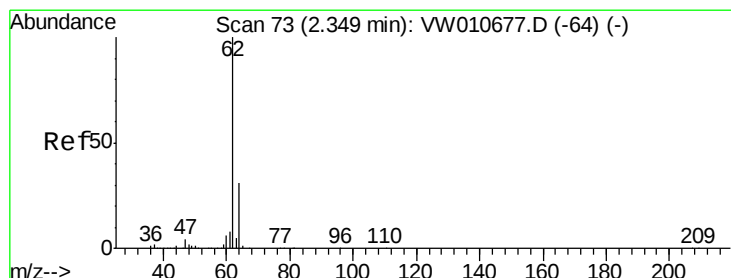
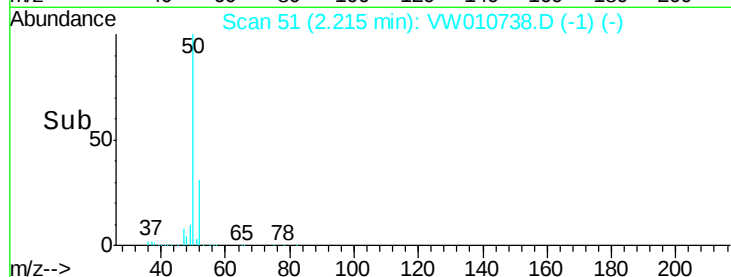
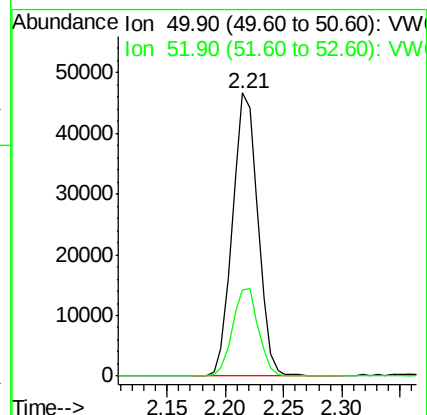
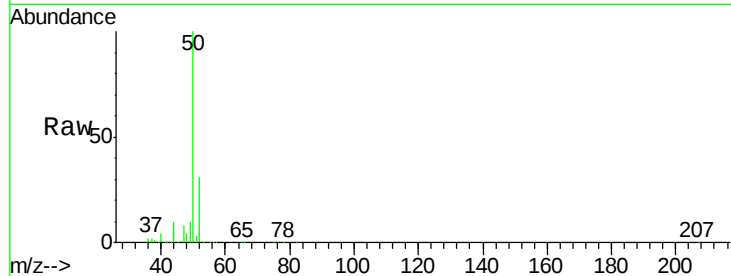
VW0610SBS01

Tgt Ion: 50 Resp: 70976

Ion Ratio Lower Upper

50 100

52 30.5 25.2 37.8



#4

Vinyl Chloride

Concen: 19.935 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010738.D

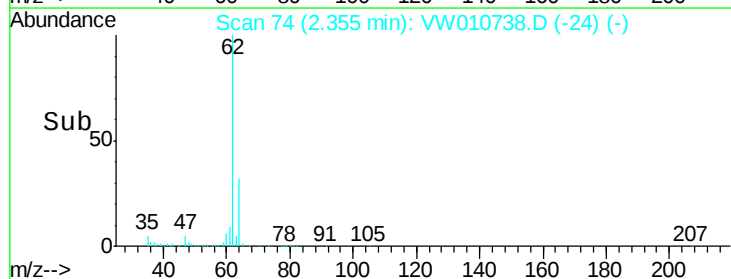
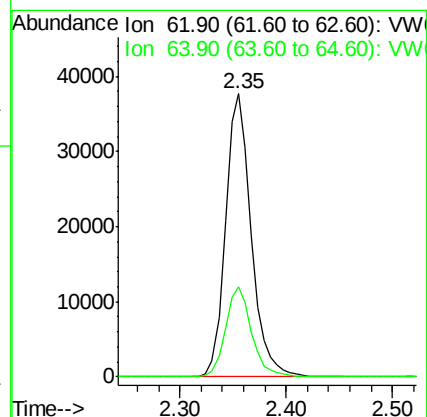
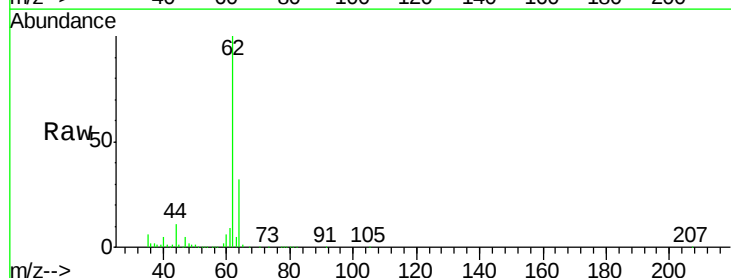
Acq: 10 Jun 2019 12:01

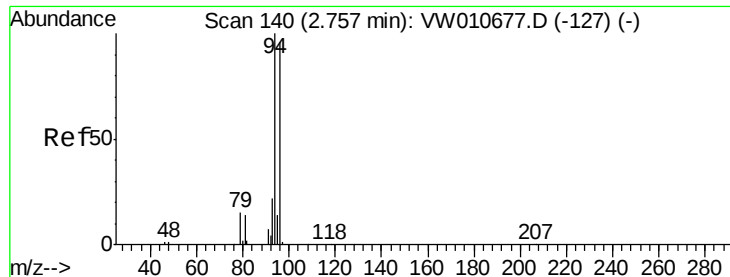
Tgt Ion: 62 Resp: 63335

Ion Ratio Lower Upper

62 100

64 31.8 24.5 36.7





#5

Bromomethane

Concen: 20.244 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

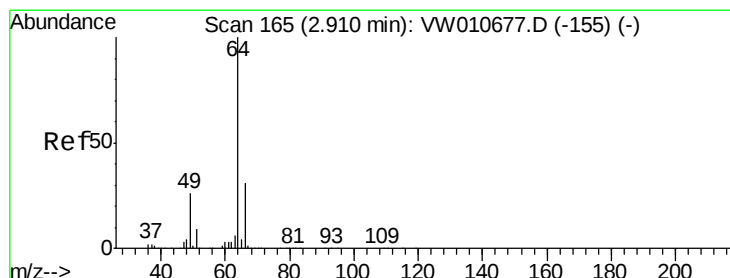
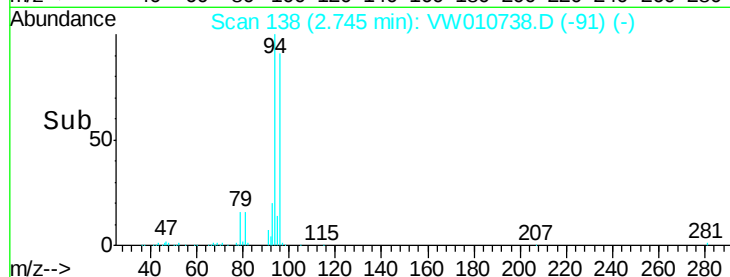
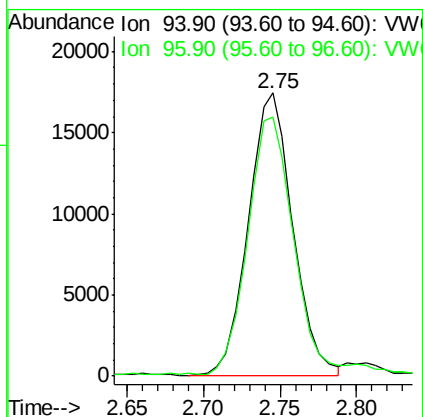
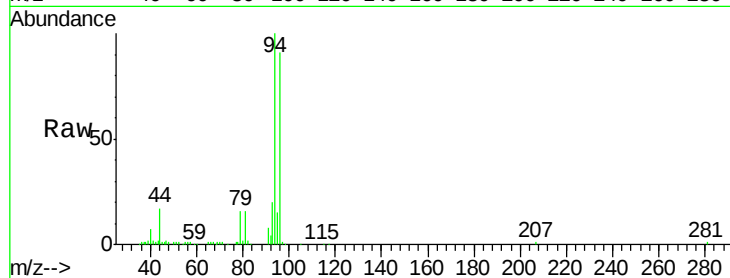
VW0610SBS01

Tgt Ion: 94 Resp: 35318

Ion Ratio Lower Upper

94 100

96 90.3 76.5 114.7



#6

Chloroethane

Concen: 19.474 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010738.D

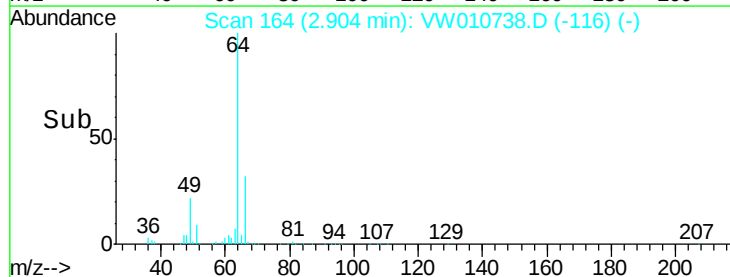
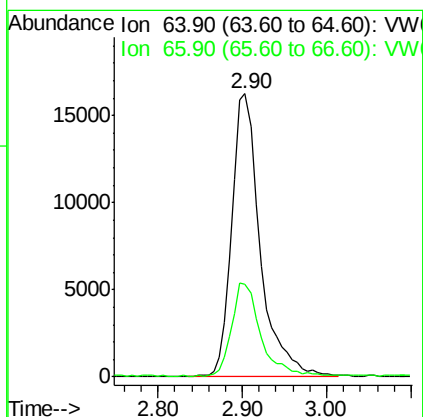
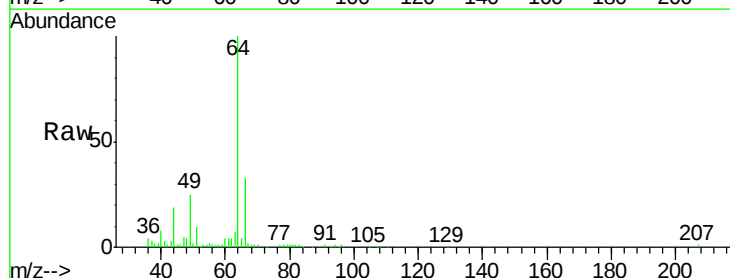
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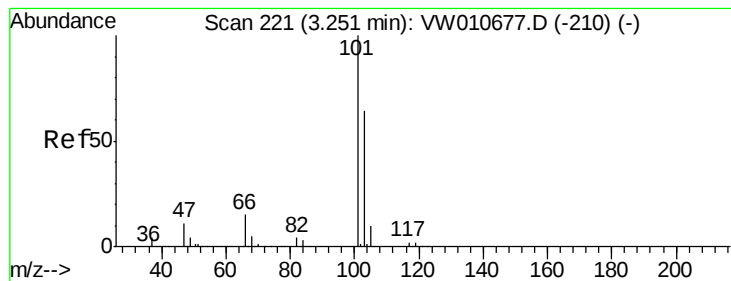
Tgt Ion: 64 Resp: 37136

Ion Ratio Lower Upper

64 100

66 32.8 25.1 37.7



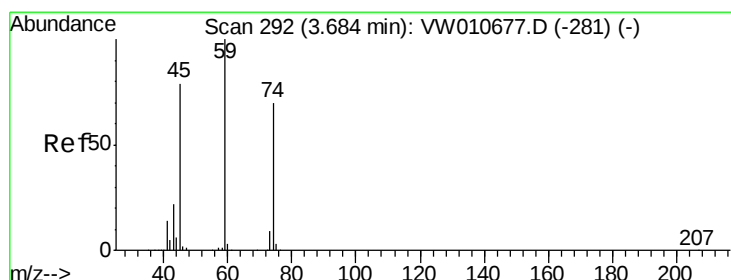
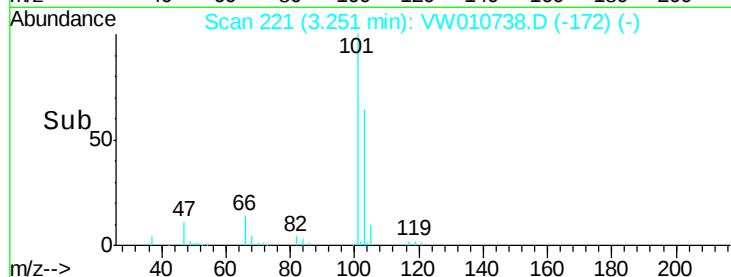
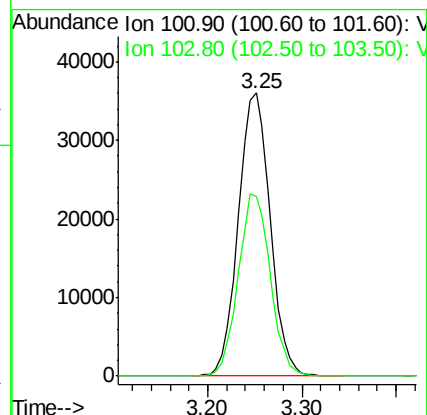
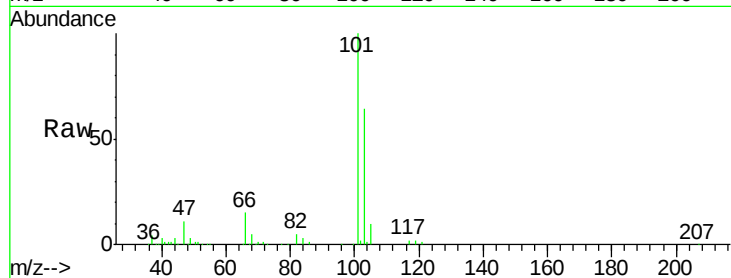


#7

Trichlorofluoromethane
 Concen: 20.646 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

Instrument :
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 ClientSampleId :
 VW0610SBS01

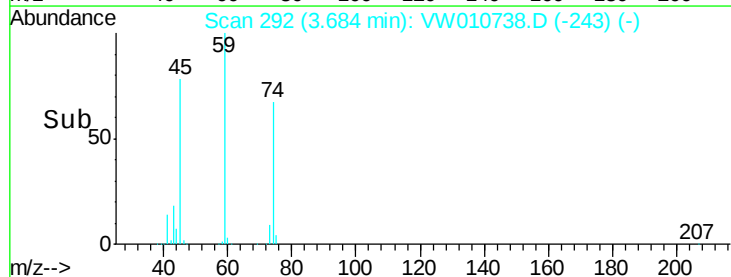
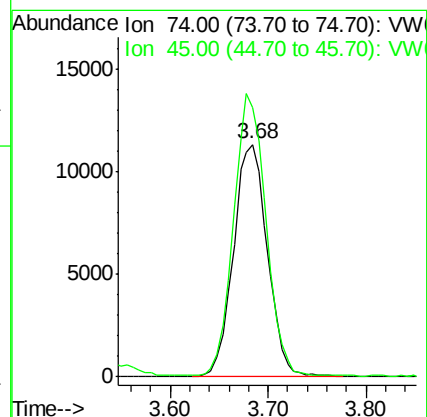
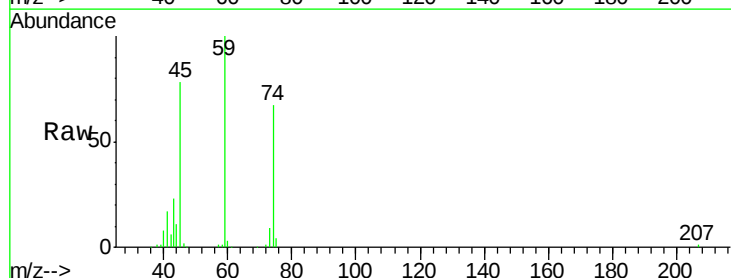
Tgt Ion:101 Resp: 85147
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.2 76.8

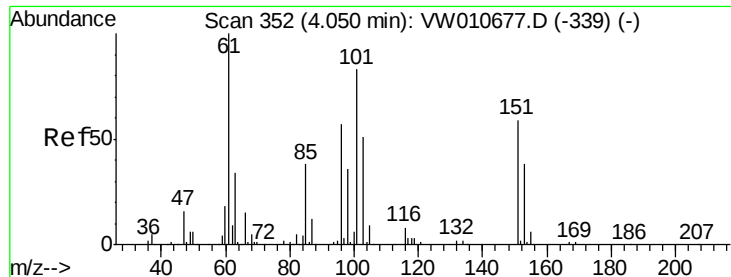


#8

Diethyl Ether
 Concen: 18.500 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

Tgt Ion: 74 Resp: 27265
 Ion Ratio Lower Upper
 74 100
 45 115.7 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.563 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBS01

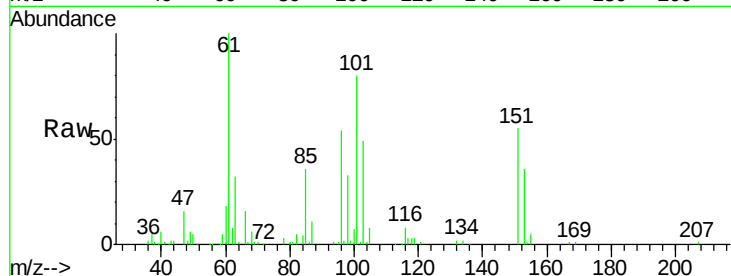
Tgt Ion:101 Resp: 52137

Ion Ratio Lower Upper

101 100

85 44.9 35.8 53.8

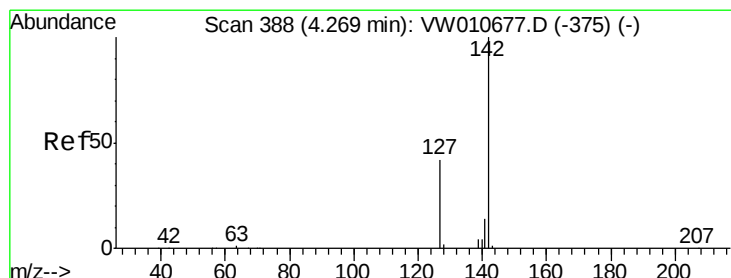
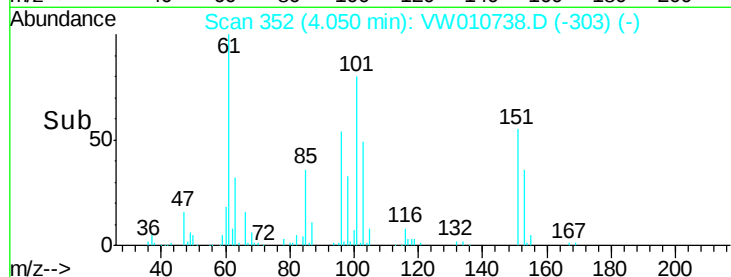
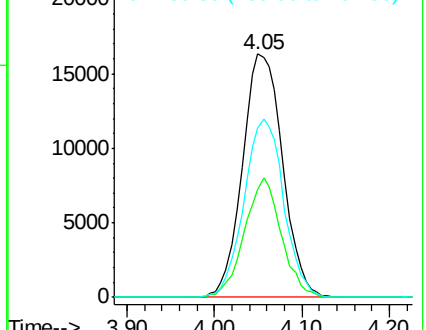
151 72.3 58.1 87.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.054 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

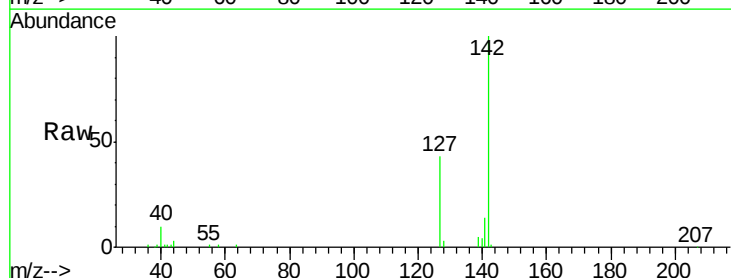
Tgt Ion:142 Resp: 41187

Ion Ratio Lower Upper

142 100

127 44.5 34.6 51.8

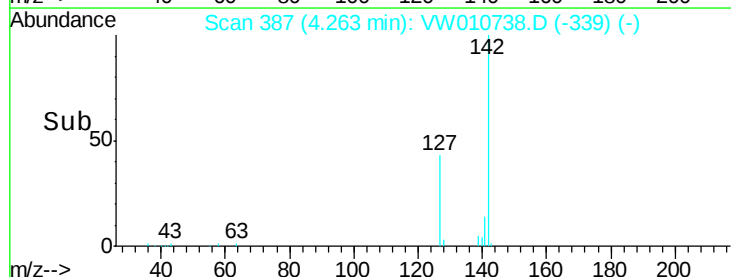
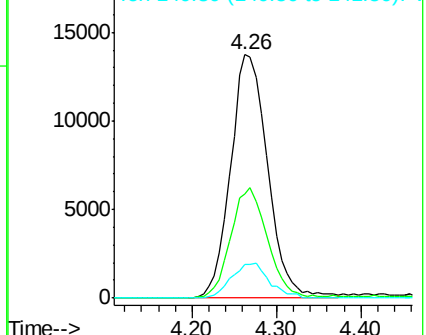
141 14.6 11.6 17.4

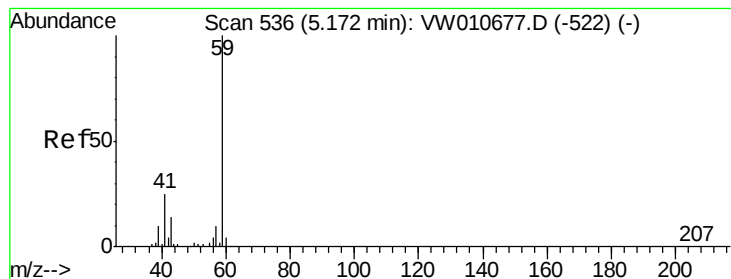


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



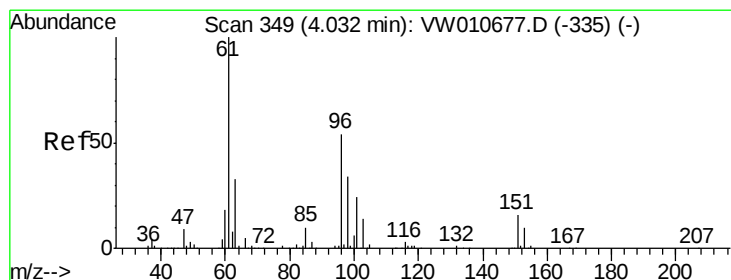
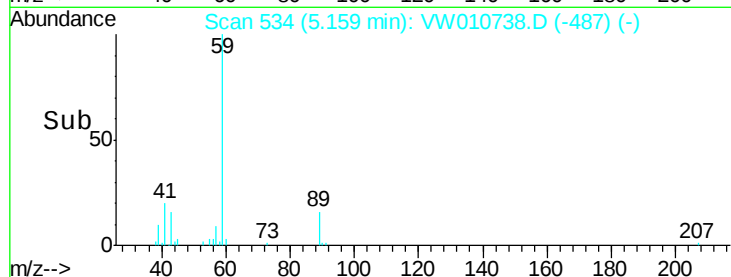
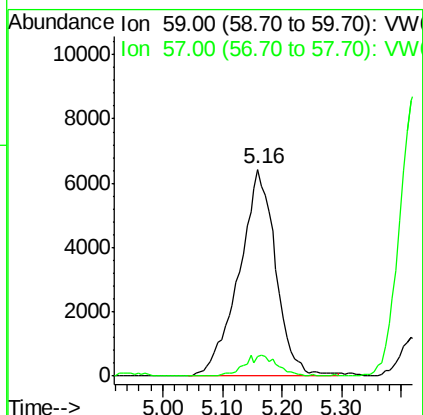
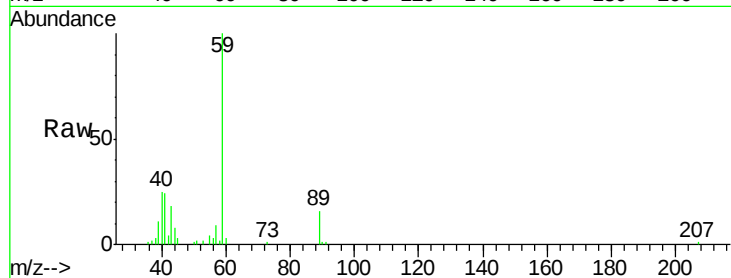


#11

Tert butyl alcohol
 Concen: 113.020 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBS01

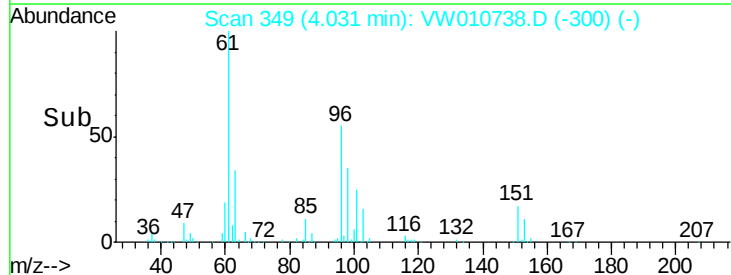
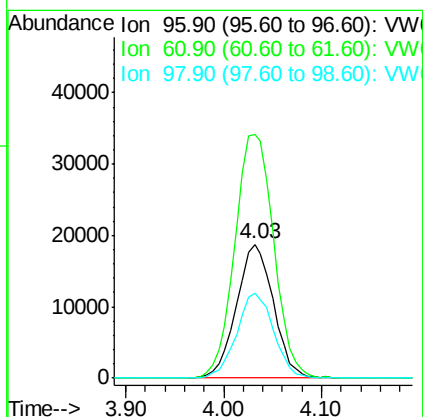
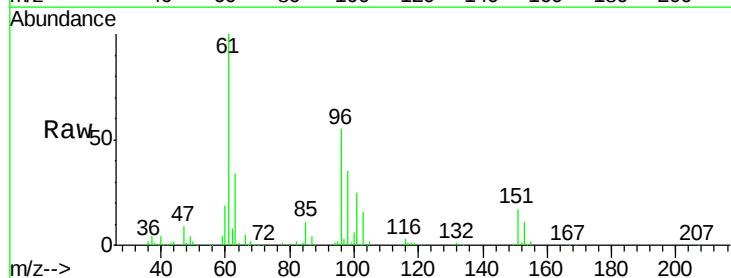
Tgt Ion: 59 Resp: 27448
 Ion Ratio Lower Upper
 59 100
 57 9.1 8.6 12.8

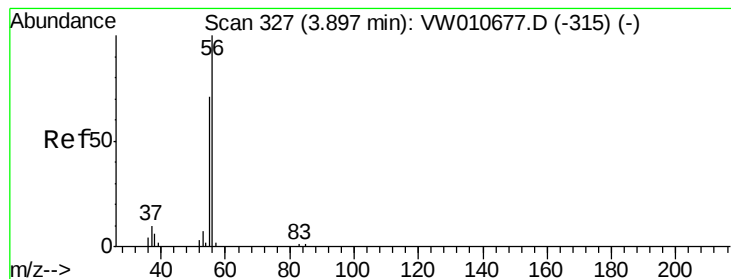


#12

1,1-Dichloroethene
 Concen: 20.114 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

Tgt Ion: 96 Resp: 49197
 Ion Ratio Lower Upper
 96 100
 61 182.1 149.1 223.7
 98 63.7 51.1 76.7





#13

Acrolein

Concen: 68.914 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

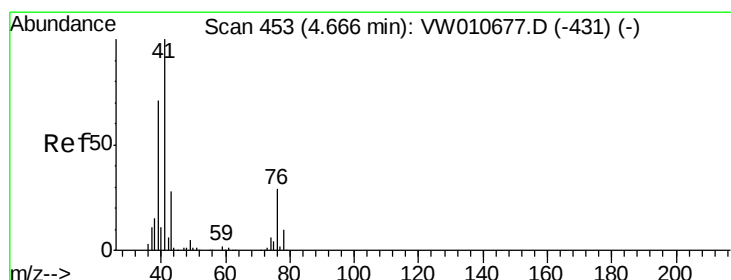
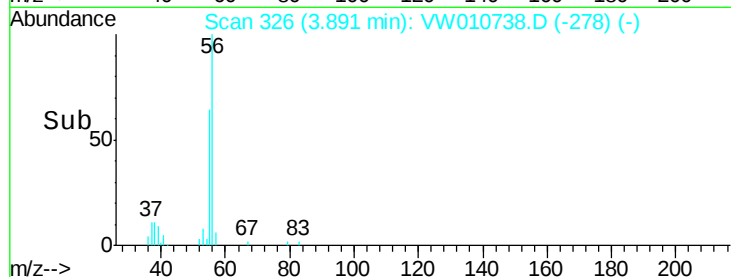
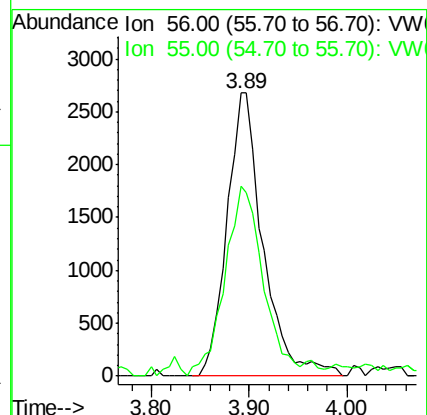
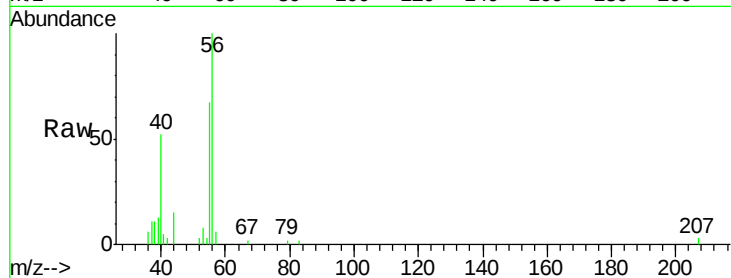
VW0610SBS01

Tgt Ion: 56 Resp: 6839

Ion Ratio Lower Upper

56 100

55 71.3 57.6 86.4



#14

Allyl chloride

Concen: 20.980 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

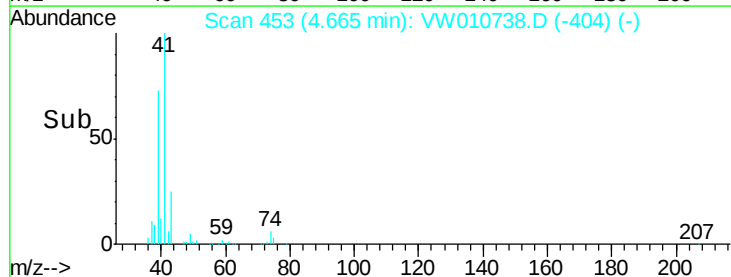
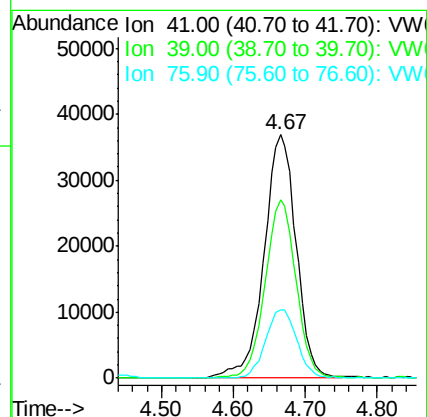
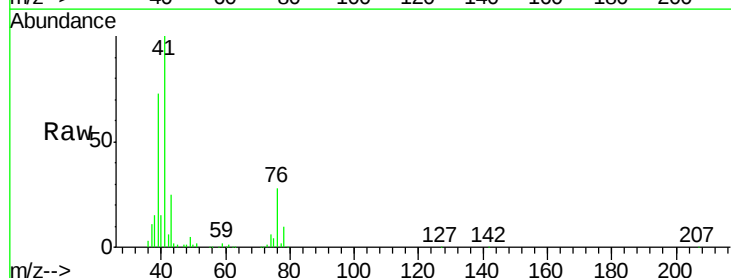
Tgt Ion: 41 Resp: 113146

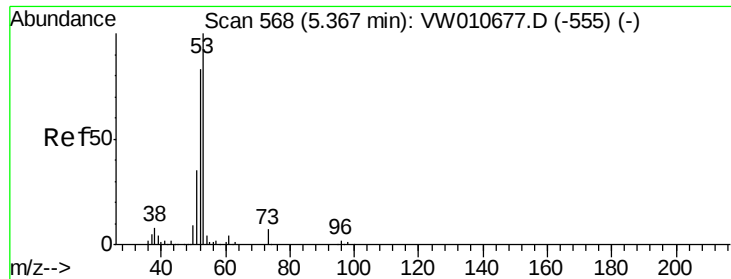
Ion Ratio Lower Upper

41 100

39 70.7 55.8 83.6

76 27.6 22.7 34.1





#15

Acrylonitrile

Concen: 89.130 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBS01

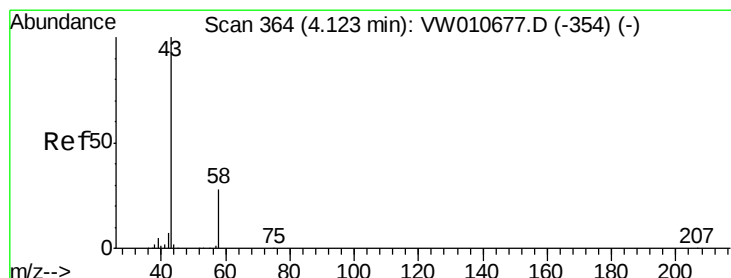
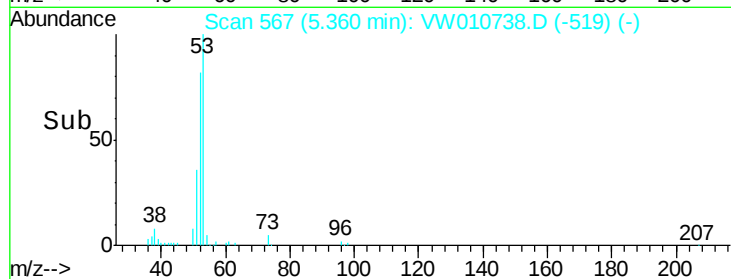
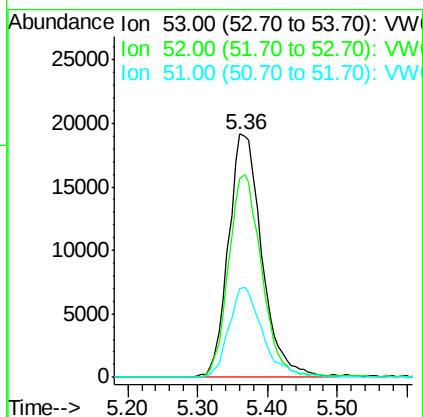
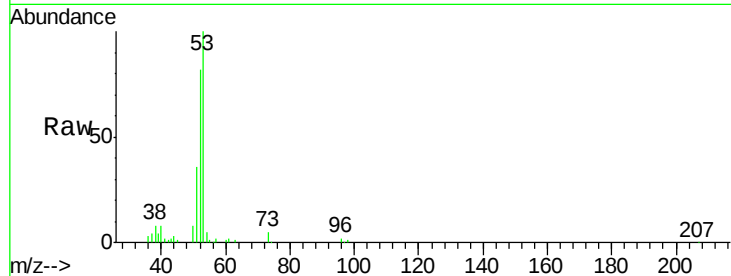
Tgt Ion: 53 Resp: 63817

Ion Ratio Lower Upper

53 100

52 82.1 66.6 100.0

51 37.4 29.8 44.8



#16

Acetone

Concen: 90.478 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010738.D

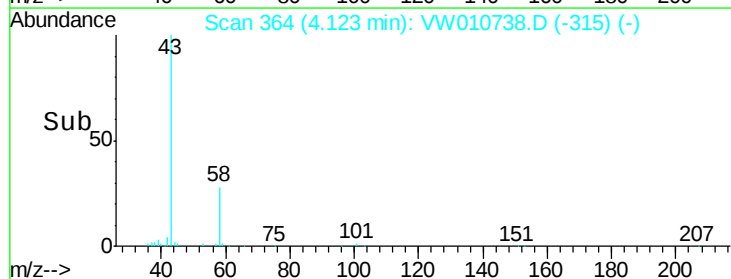
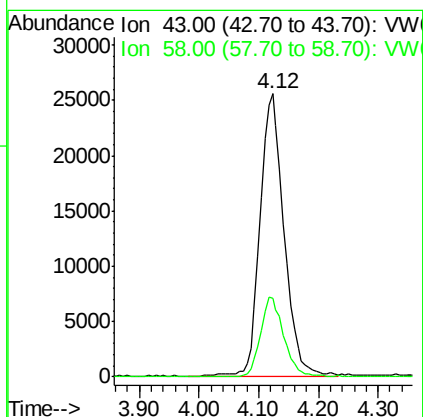
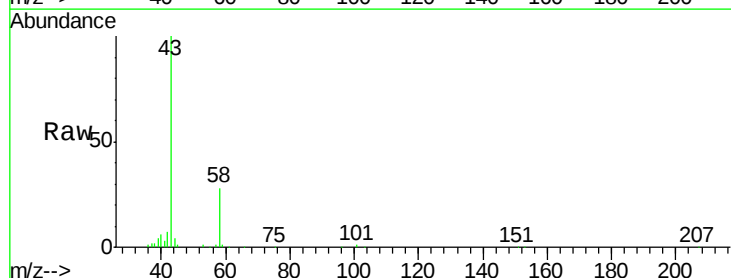
Acq: 10 Jun 2019 12:01

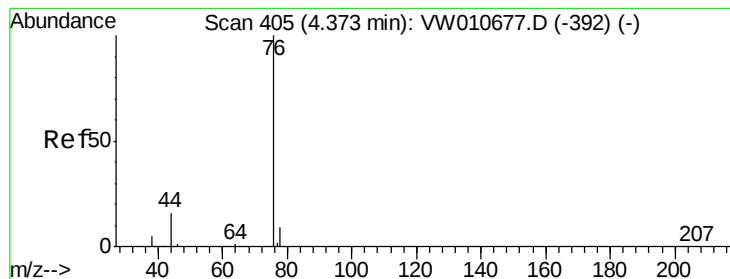
Tgt Ion: 43 Resp: 72271

Ion Ratio Lower Upper

43 100

58 27.6 22.1 33.1





#17

Carbon Disulfide

Concen: 20.247 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

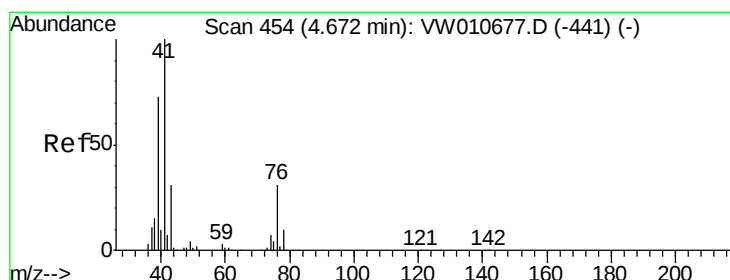
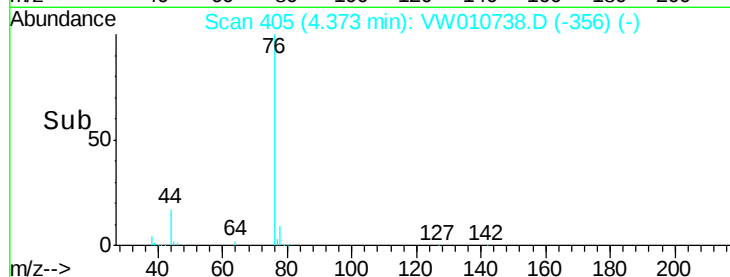
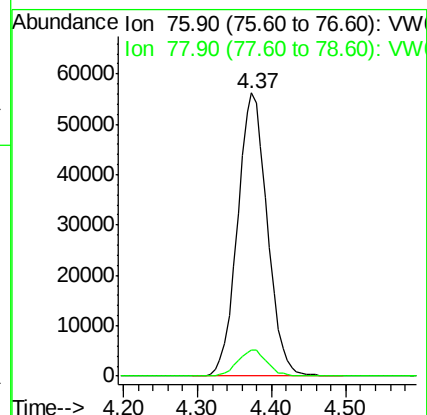
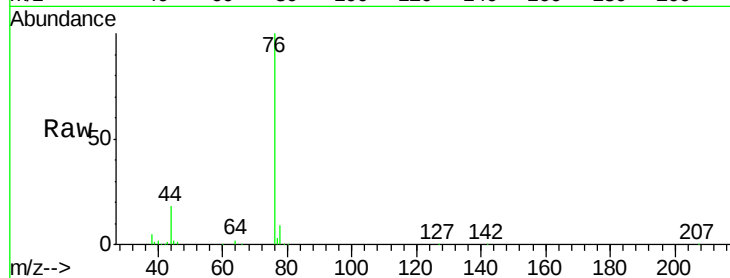
VW0610SBS01

Tgt Ion: 76 Resp: 157205

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



#18

Methyl Acetate

Concen: 18.473 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010738.D

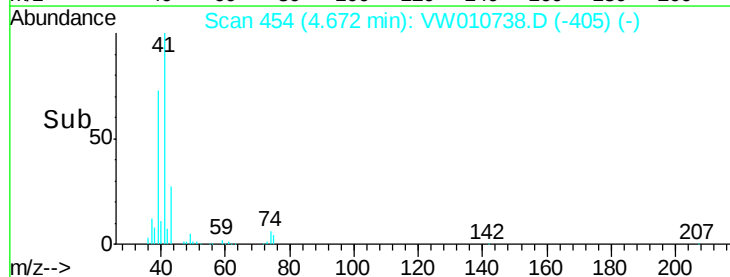
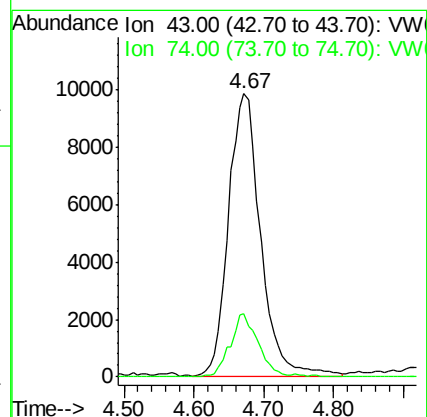
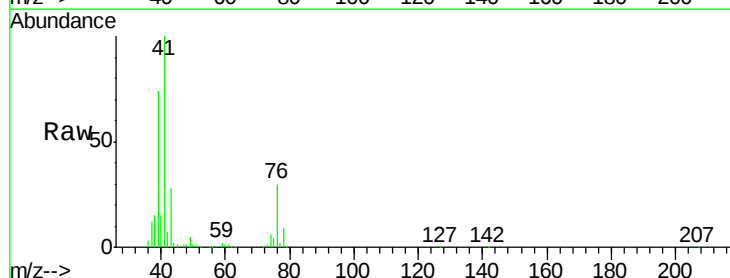
Acq: 10 Jun 2019 12:01

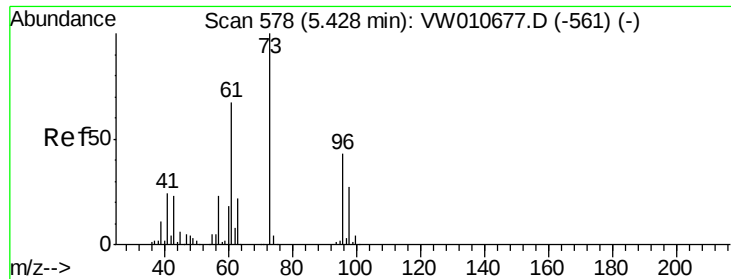
Tgt Ion: 43 Resp: 31763

Ion Ratio Lower Upper

43 100

74 19.1 16.7 25.1

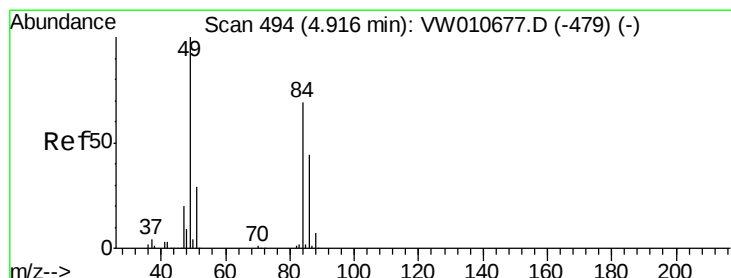
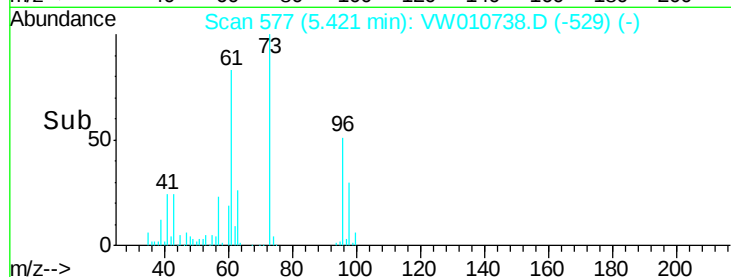
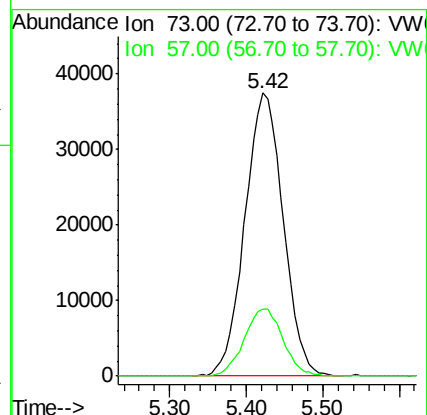
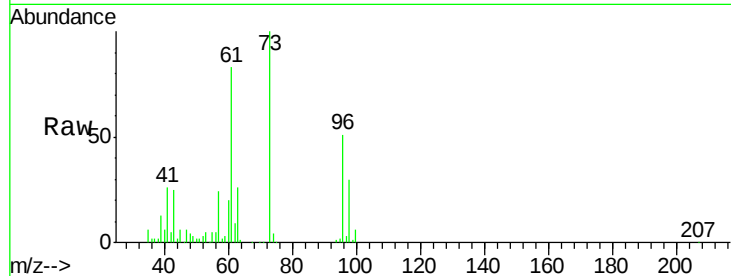




#19
Methyl tert-butyl Ether
Concen: 18.515 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

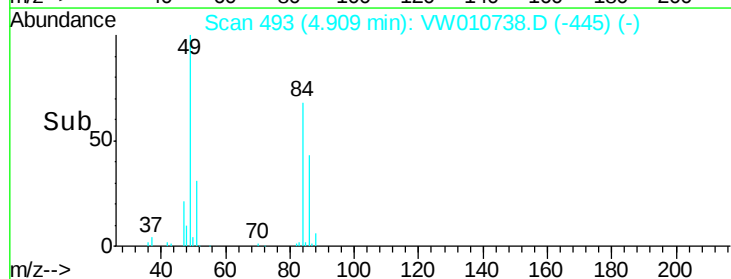
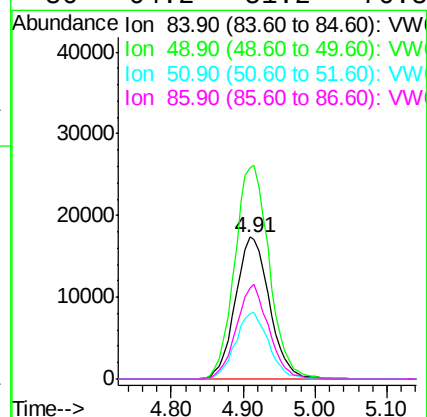
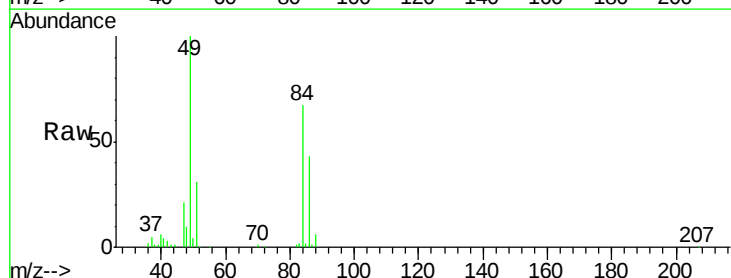
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBS01

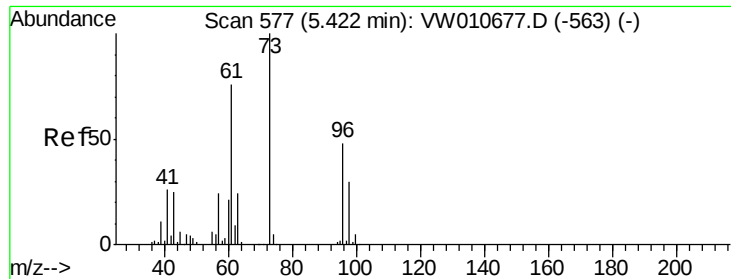
Tgt Ion: 73 Resp: 130612
Ion Ratio Lower Upper
73 100
57 23.5 18.6 27.8



#20
Methylene Chloride
Concen: 20.442 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Tgt Ion: 84 Resp: 57283
Ion Ratio Lower Upper
84 100
49 148.6 116.7 175.1
51 46.4 34.2 51.2
86 64.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.339 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBS01

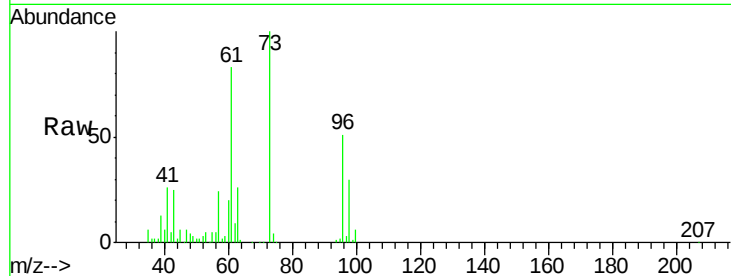
Tgt Ion: 96 Resp: 56472

Ion Ratio Lower Upper

96 100

61 163.7 126.0 189.0

98 58.5 49.6 74.4

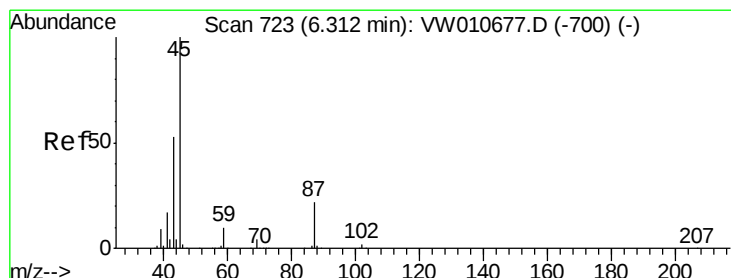
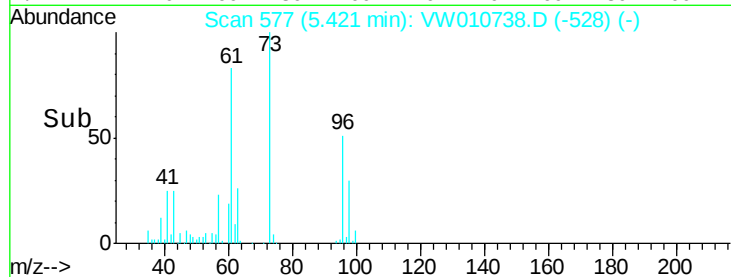
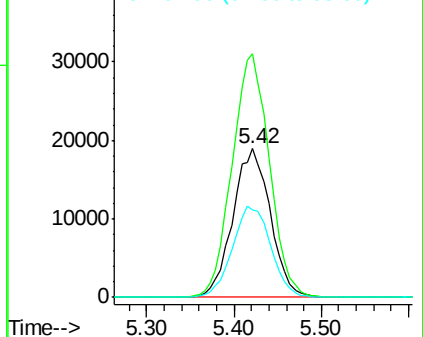


Abundance

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: 20.252 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Tgt Ion: 45 Resp: 218663

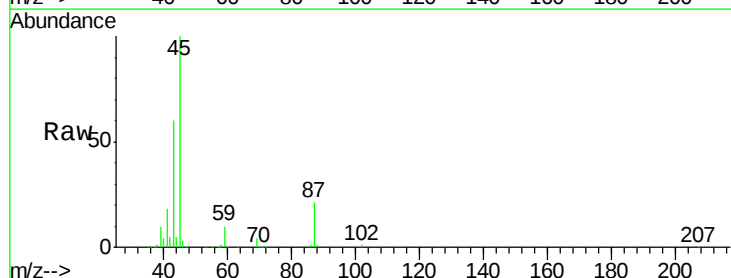
Ion Ratio Lower Upper

45 100

43 59.8 42.5 63.7

87 21.4 17.4 26.2

59 10.0 8.1 12.1



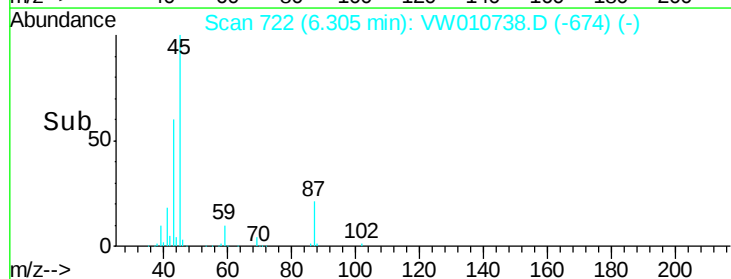
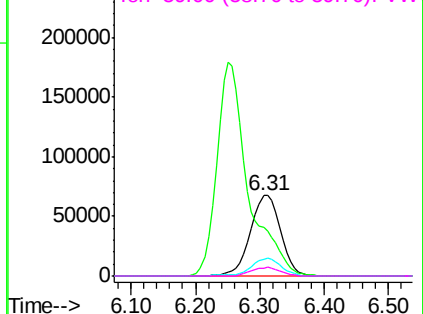
Abundance

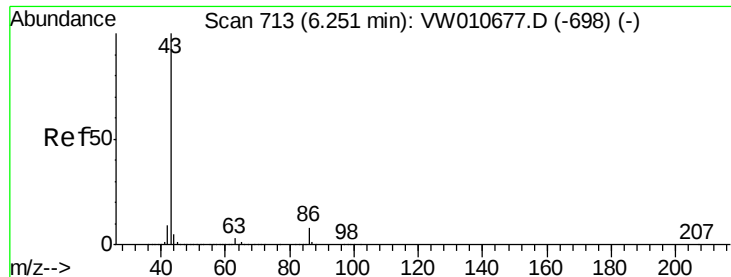
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 93.530 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

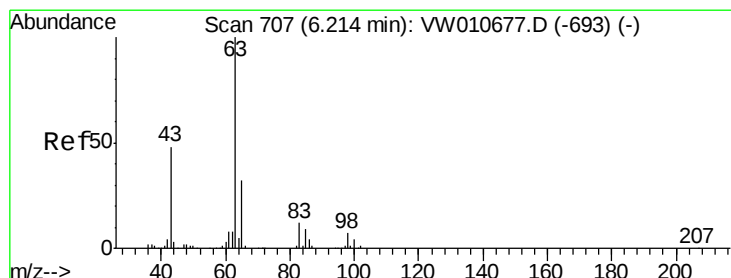
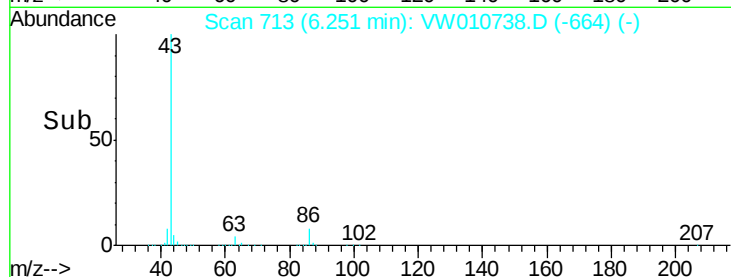
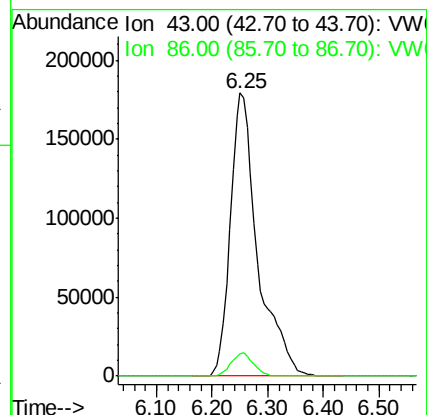
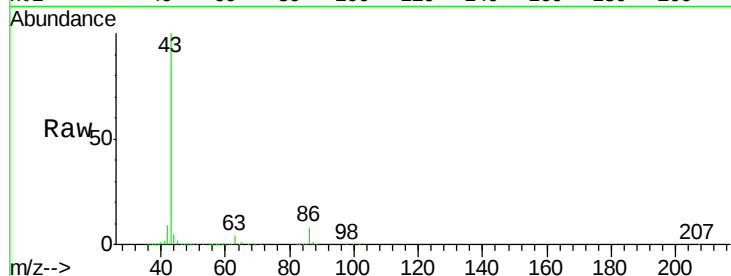
VW0610SBS01

Tgt Ion: 43 Resp: 609430

Ion Ratio Lower Upper

43 100

86 7.9 6.6 10.0



#24

1,1-Dichloroethane

Concen: 20.937 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

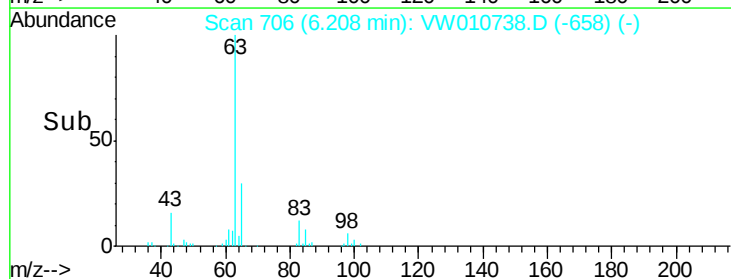
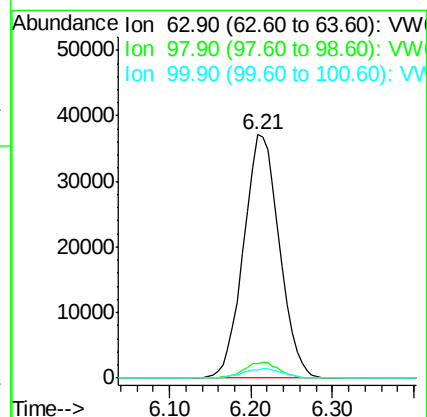
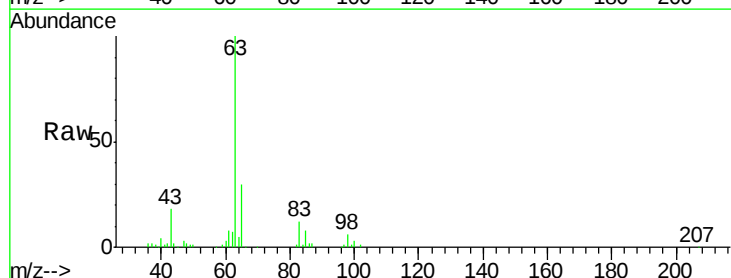
Tgt Ion: 63 Resp: 113287

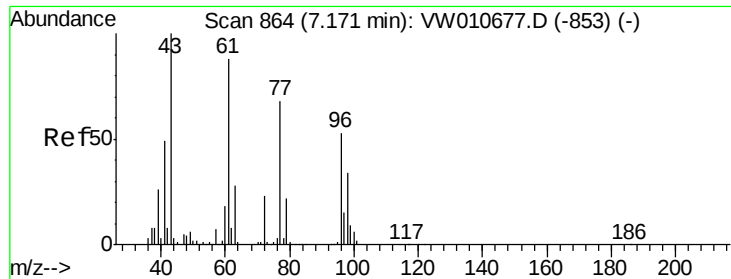
Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

100 3.4 2.1 6.3





#25

2-Butanone

Concen: 86.530 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampled :

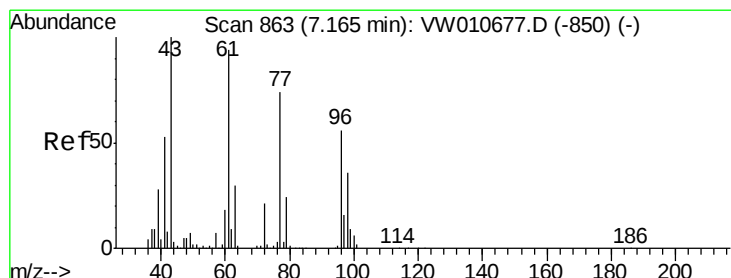
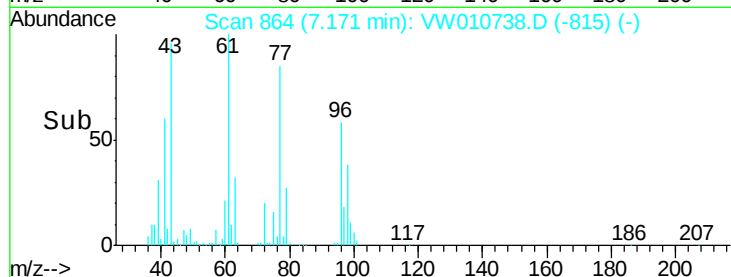
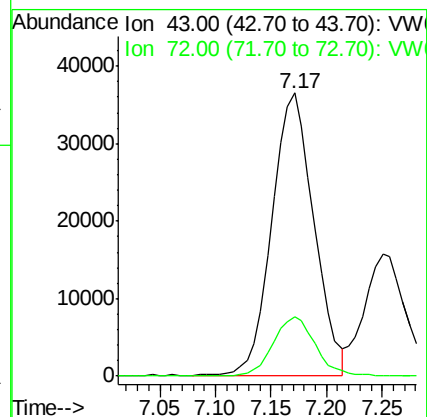
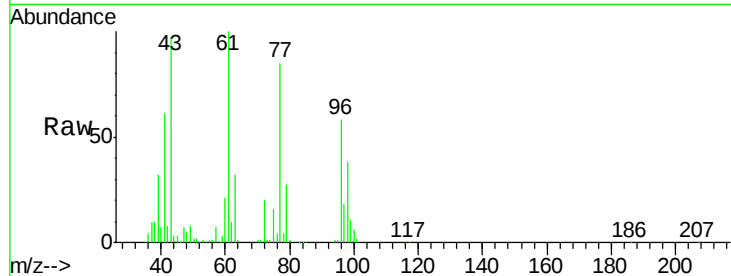
VW0610SBS01

Tgt Ion: 43 Resp: 95841

Ion Ratio Lower Upper

43 100

72 21.0 18.1 27.1



#26

2,2-Dichloropropane

Concen: 22.743 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010738.D

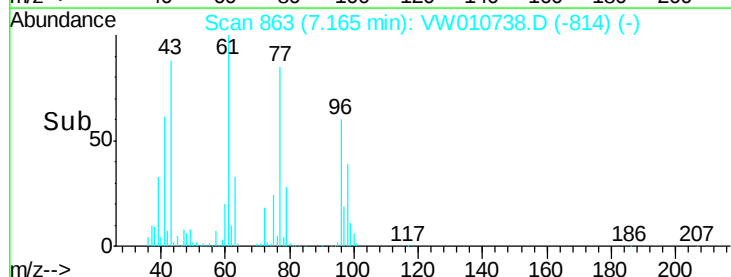
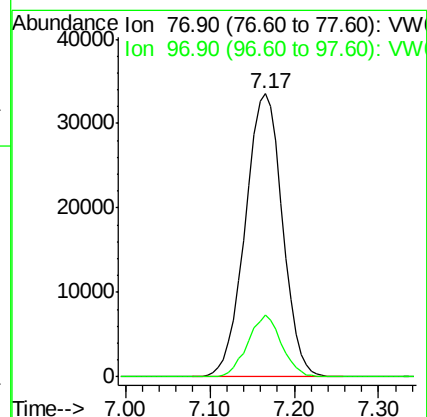
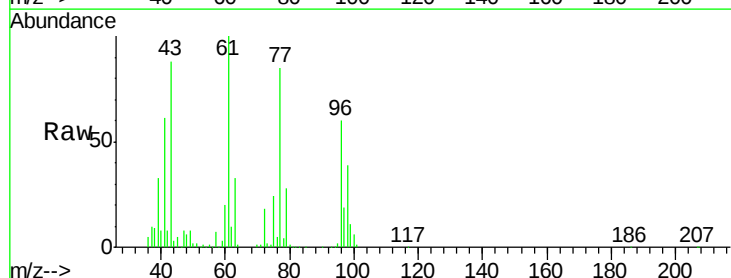
Acq: 10 Jun 2019 12:01

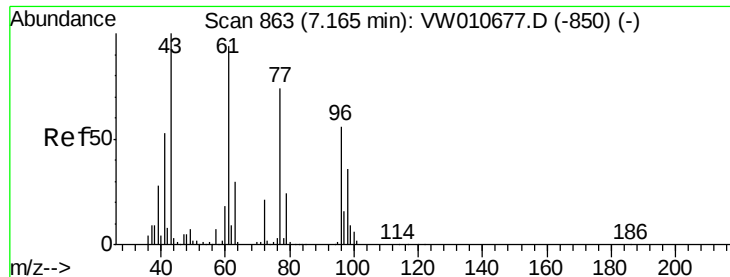
Tgt Ion: 77 Resp: 100137

Ion Ratio Lower Upper

77 100

97 19.8 10.5 31.6



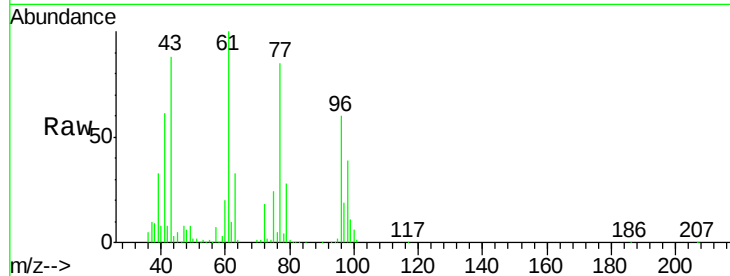


#27

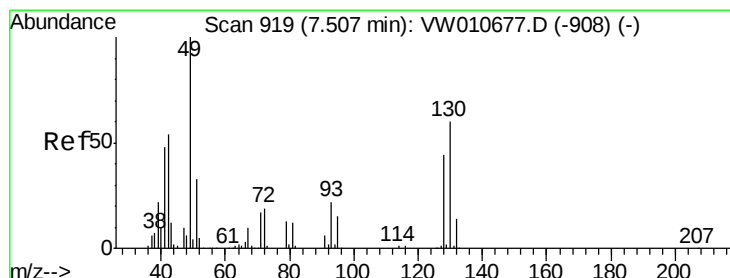
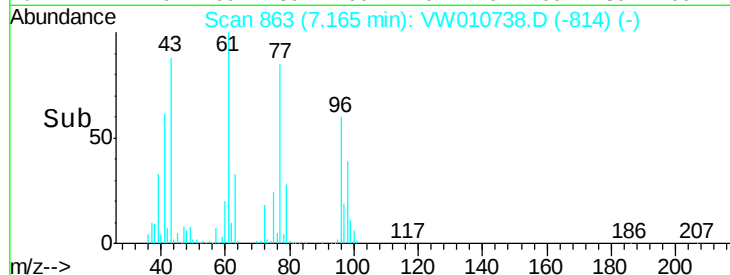
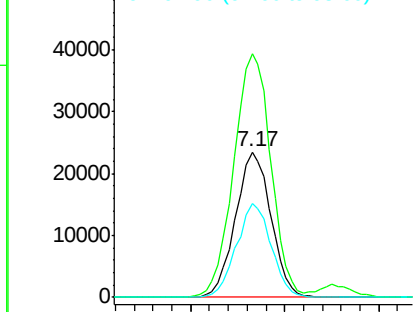
cis-1,2-Dichloroethene
Concen: 20.136 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Instrument :
MSVOA_W
ClientSampled :
VW0610SBS01

Tgt Ion: 96 Resp: 61529
Ion Ratio Lower Upper
96 100
61 175.1 0.0 336.4
98 63.3 0.0 128.0



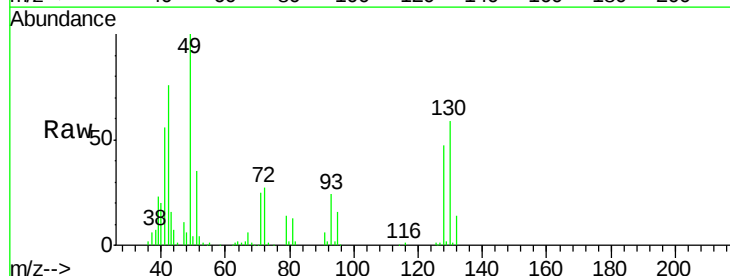
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



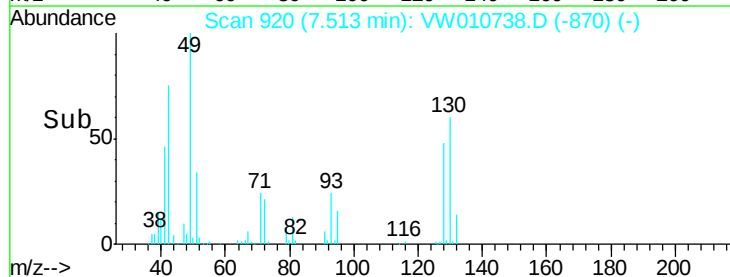
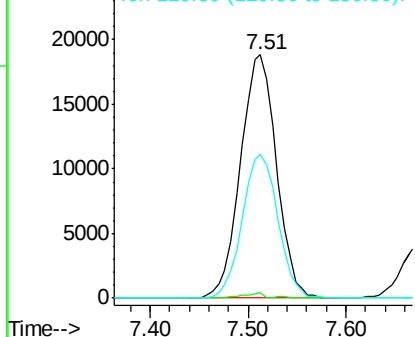
#28

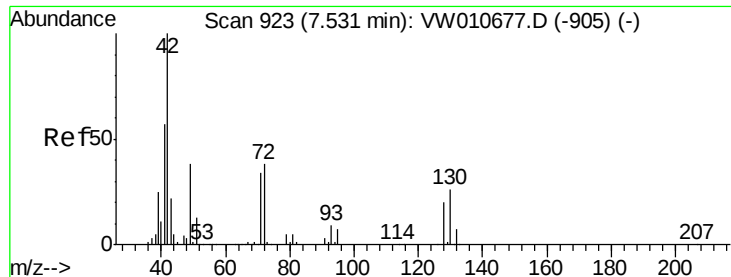
Bromochloromethane
Concen: 19.905 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Tgt Ion: 49 Resp: 48065
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.2
130 58.6 48.3 72.5



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

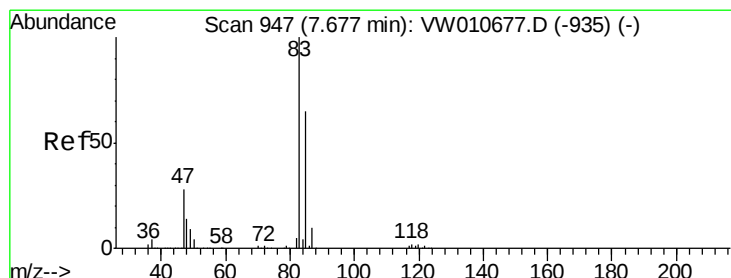
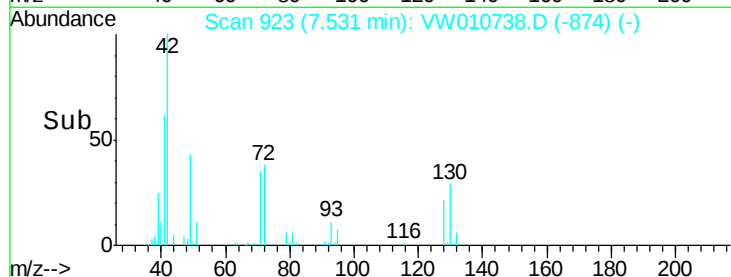
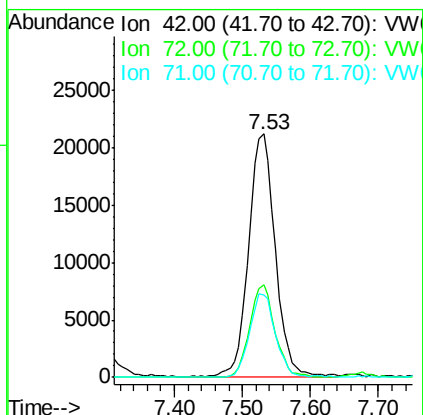
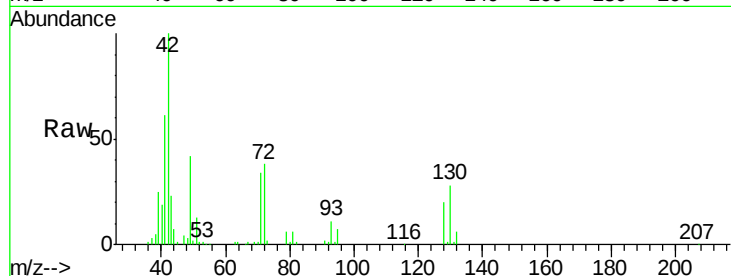




#29
Tetrahydrofuran
Concen: 83.963 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

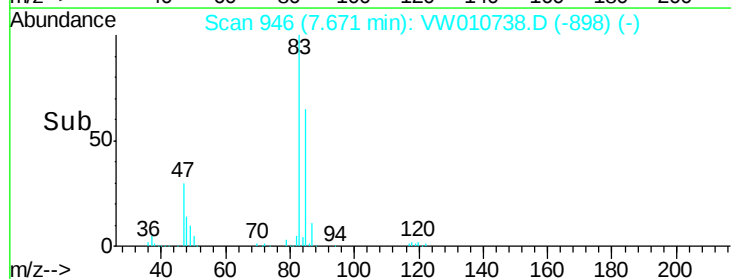
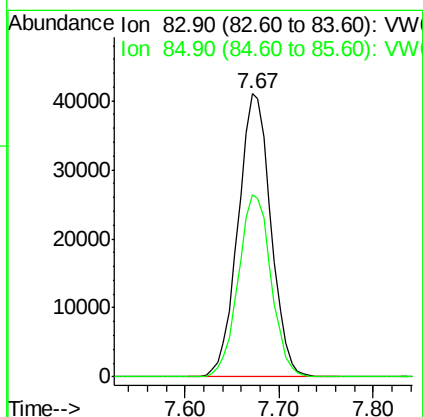
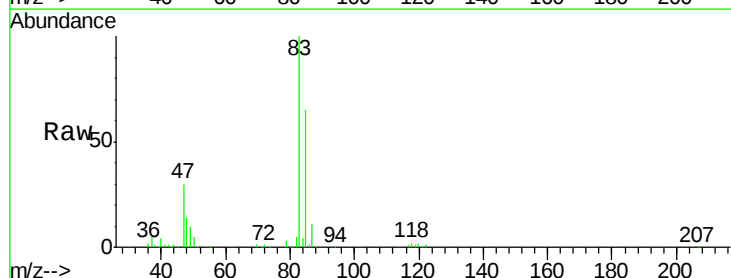
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBS01

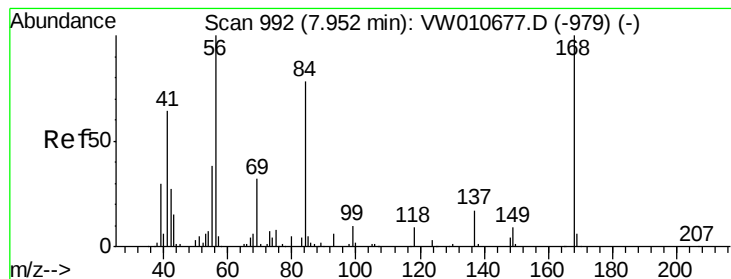
Tgt Ion: 42 Resp: 58495
Ion Ratio Lower Upper
42 100
72 35.6 28.7 43.1
71 32.9 26.6 39.8



#30
Chloroform
Concen: 20.167 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Tgt Ion: 83 Resp: 99808
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.8





#31

Cyclohexane

Concen: 20.032 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBS01

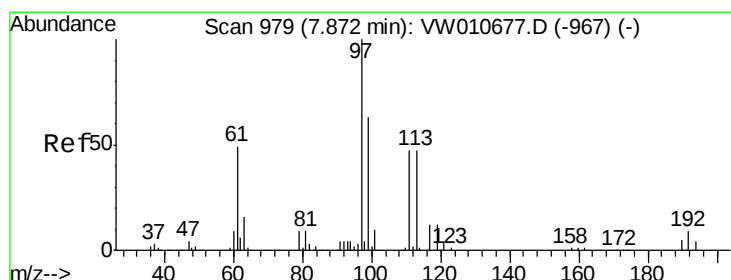
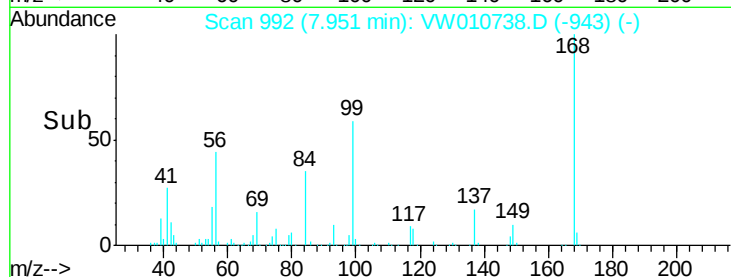
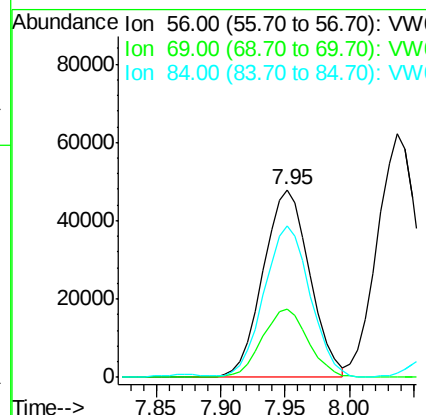
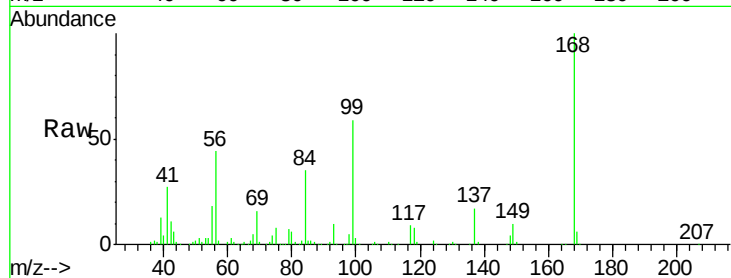
Tgt Ion: 56 Resp: 120490

Ion Ratio Lower Upper

56 100

69 36.4 25.2 37.8

84 79.8 62.2 93.2



#32

1,1,1-Trichloroethane

Concen: 21.090 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

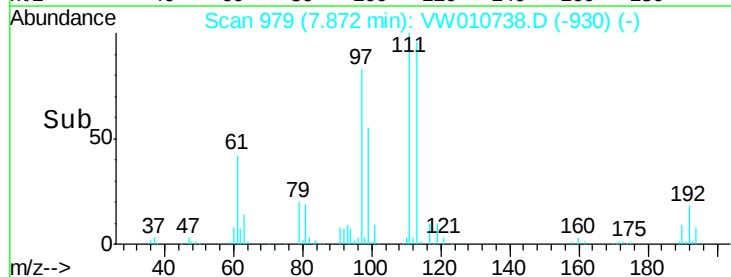
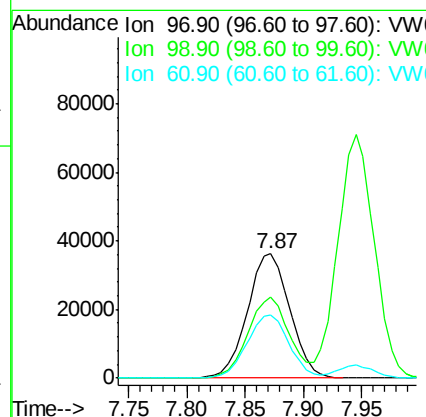
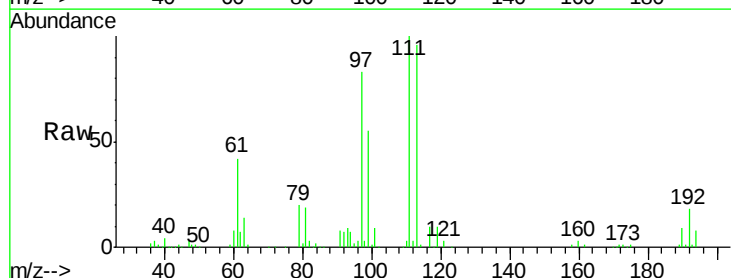
Tgt Ion: 97 Resp: 91177

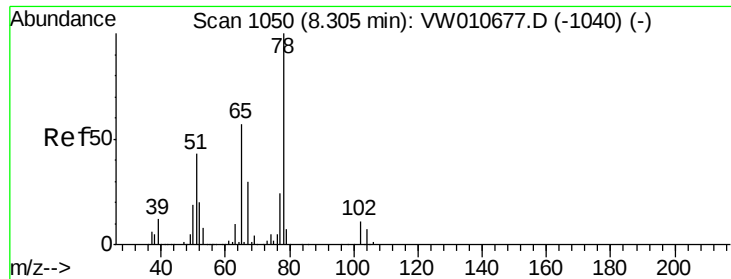
Ion Ratio Lower Upper

97 100

99 63.7 51.3 76.9

61 50.7 40.4 60.6

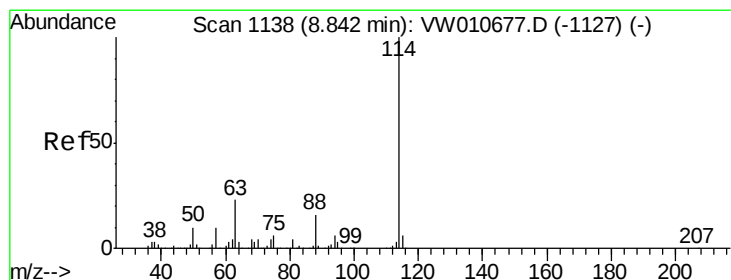
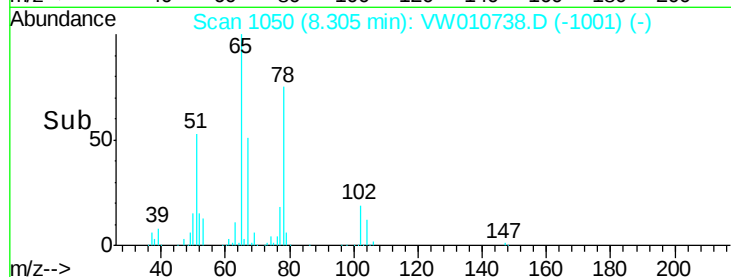
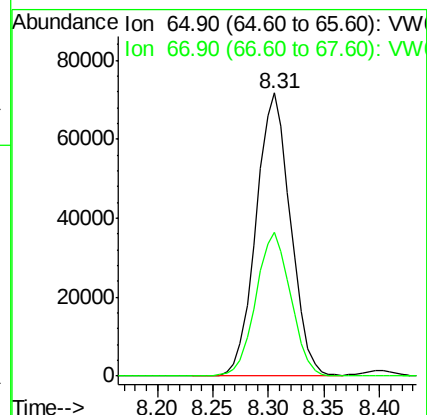
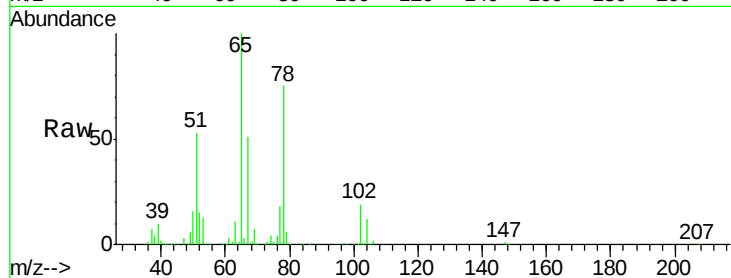




#33
 1,2-Dichloroethane-d4
 Concen: 51.868 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

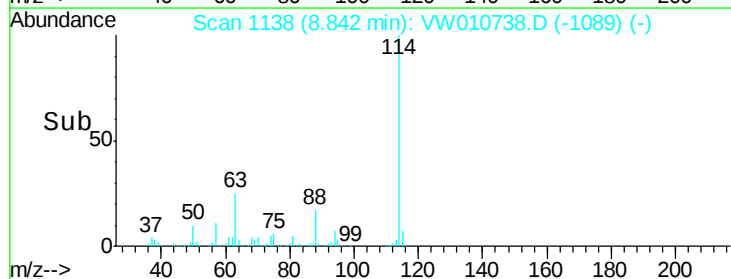
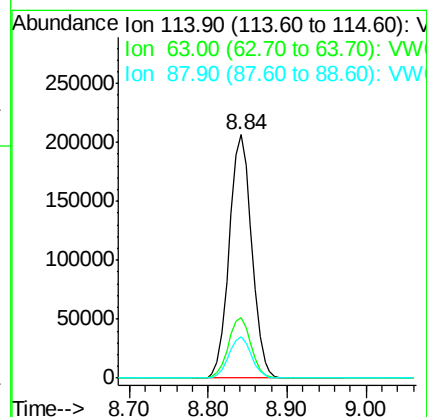
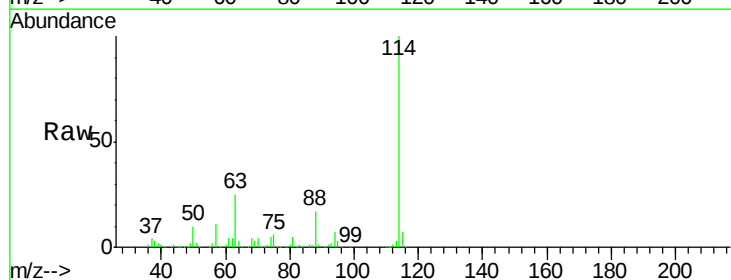
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBS01

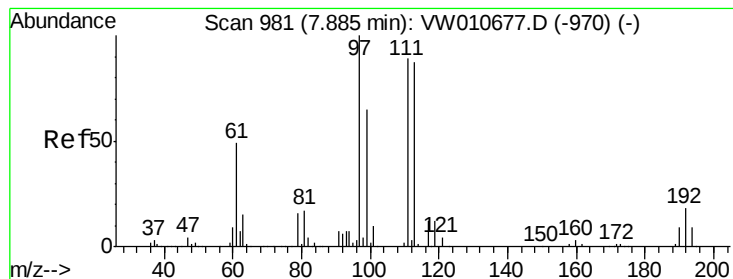
Tgt Ion: 65 Resp: 154622
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

Tgt Ion: 114 Resp: 409729
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 46.4
 88 16.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 55.137 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBS01

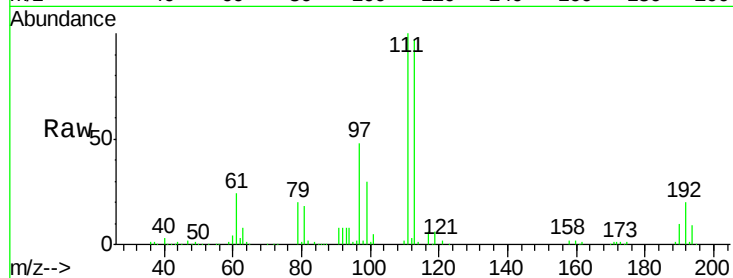
Tgt Ion:113 Resp: 122621

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

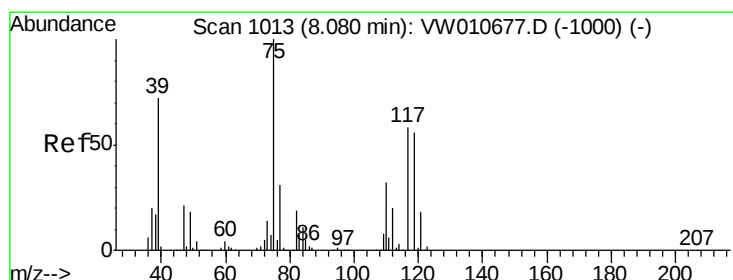
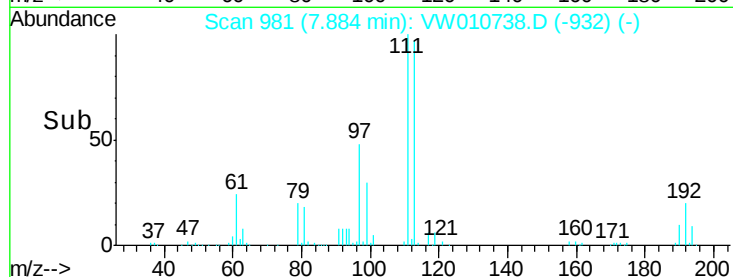
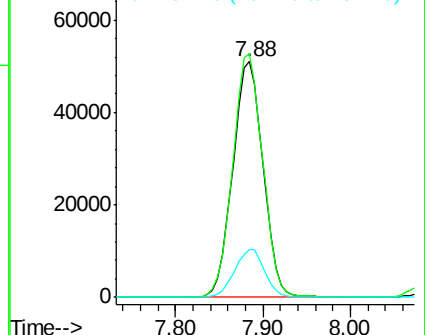
192 20.1 16.4 24.6



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: 20.958 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

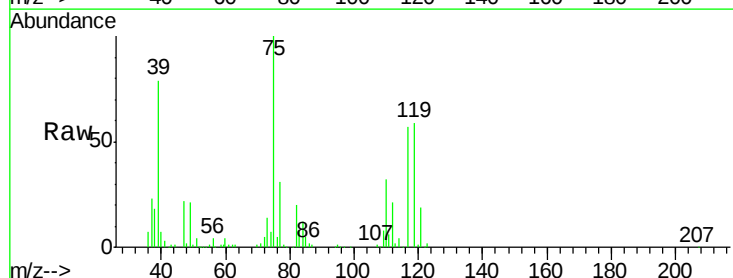
Tgt Ion: 75 Resp: 87899

Ion Ratio Lower Upper

75 100

110 31.2 15.8 47.3

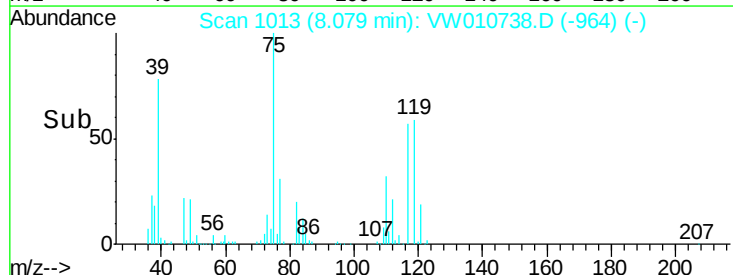
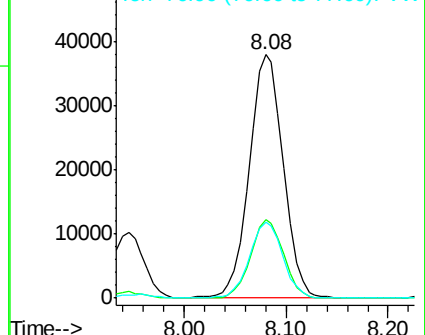
77 30.8 24.7 37.1

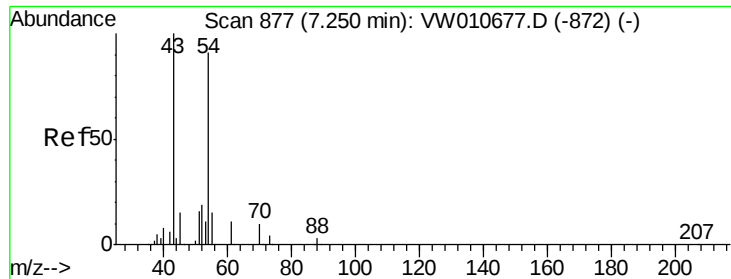


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

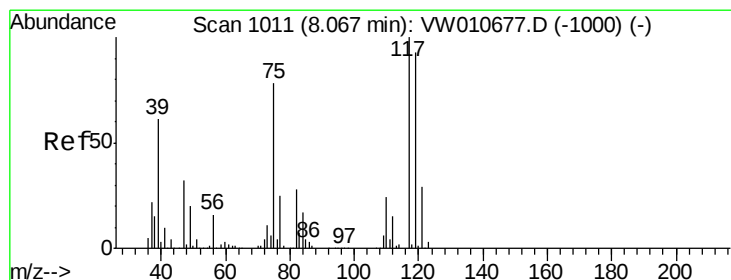
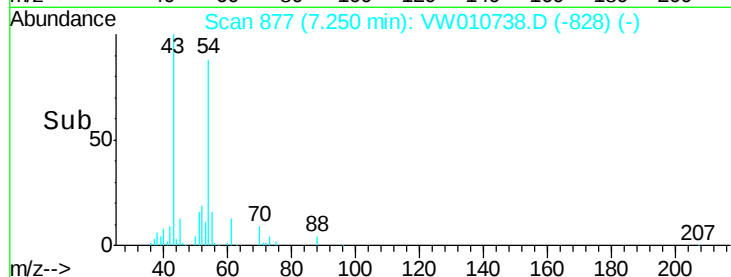
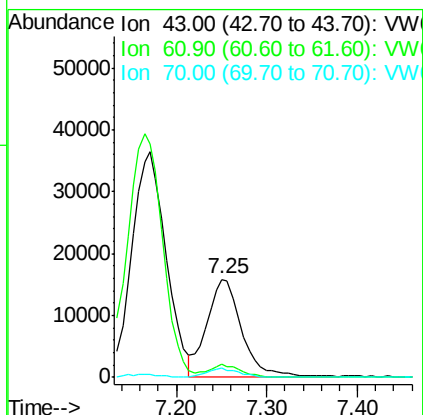
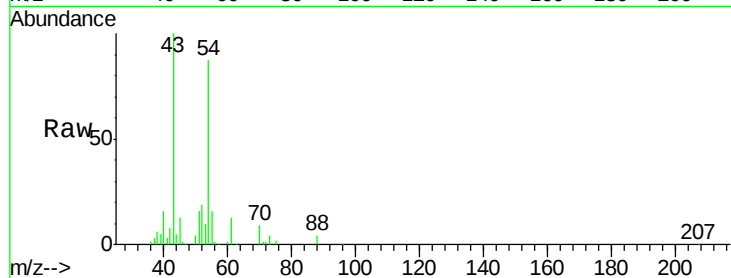




#37
Ethyl Acetate
Concen: 17.923 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

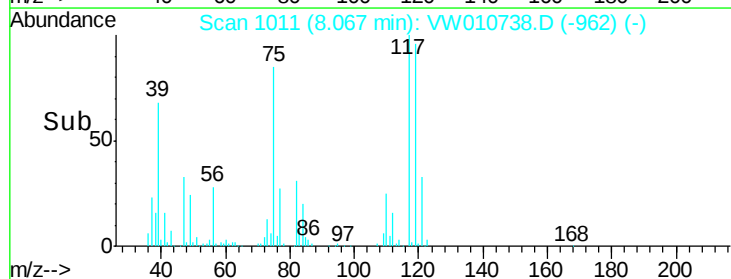
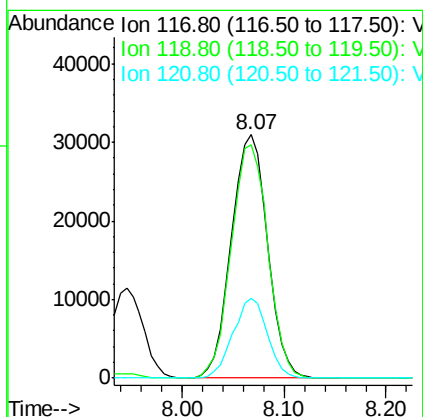
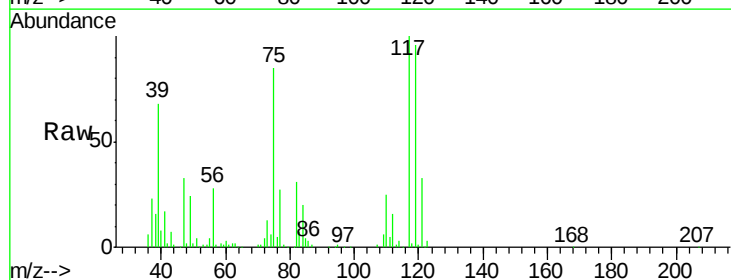
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBS01

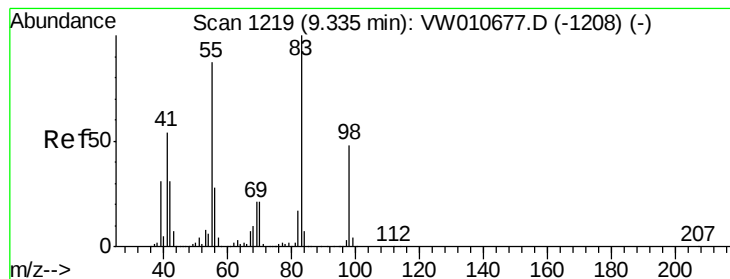
Tgt Ion: 43 Resp: 41655
Ion Ratio Lower Upper
43 100
61 11.5 9.7 14.5
70 8.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 21.091 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Tgt Ion: 117 Resp: 76359
Ion Ratio Lower Upper
117 100
119 95.7 74.2 111.4
121 32.6 22.9 34.3





#39

Methylcyclohexane

Concen: 20.351 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBS01

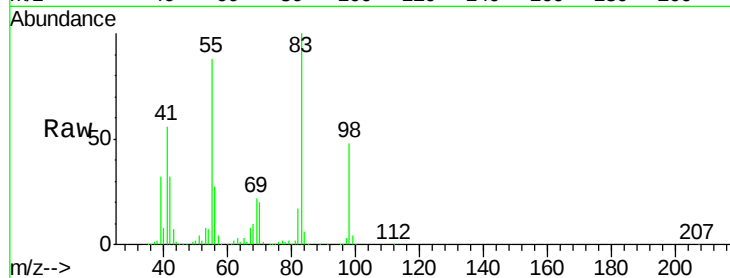
Tgt Ion: 83 Resp: 108503

Ion Ratio Lower Upper

83 100

55 87.7 70.0 105.0

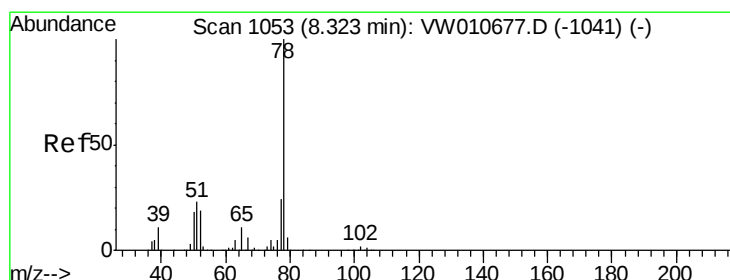
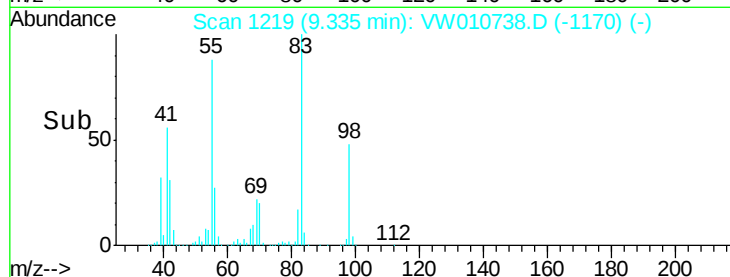
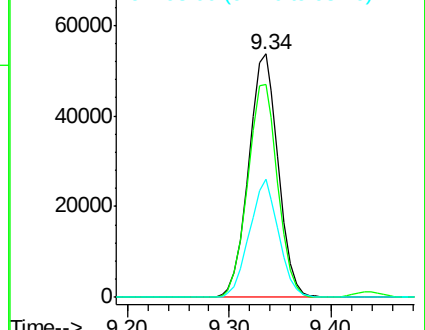
98 48.3 38.1 57.1



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: 20.477 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW010738.D

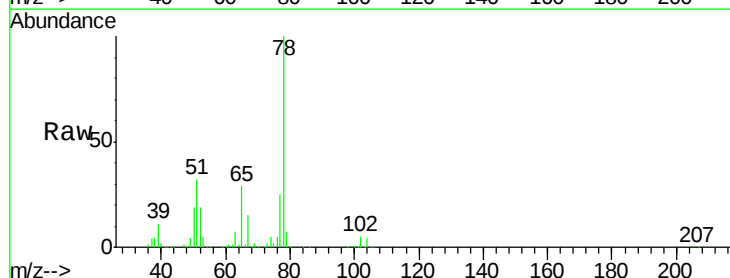
Acq: 10 Jun 2019 12:01

Tgt Ion: 78 Resp: 234284

Ion Ratio Lower Upper

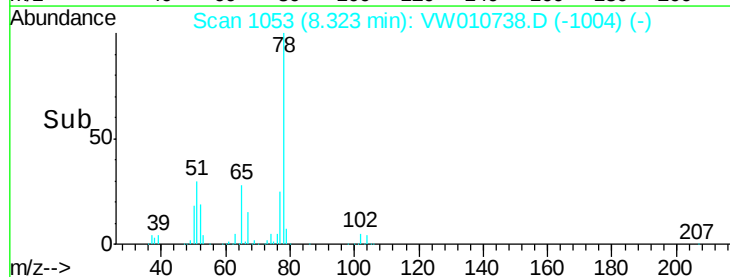
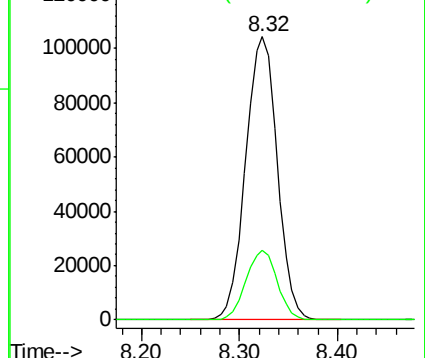
78 100

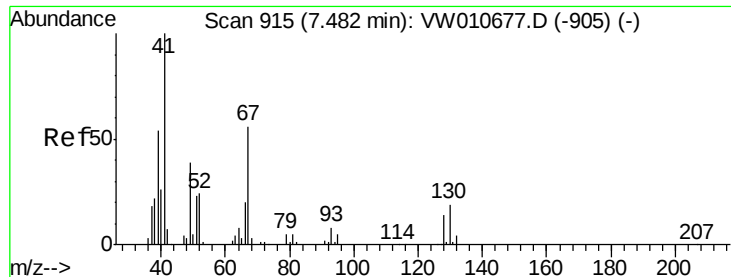
77 24.7 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 17.717 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBS01

Tgt Ion: 41 Resp: 24475

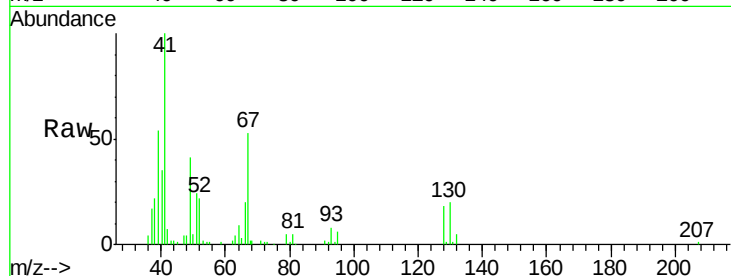
Ion Ratio Lower Upper

41 100

39 54.0 47.3 70.9

67 57.8 47.2 70.8

52 27.1 21.3 31.9

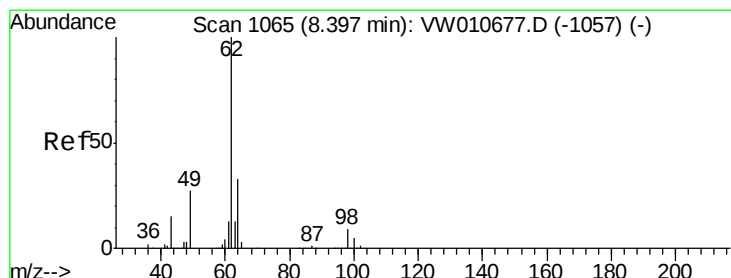
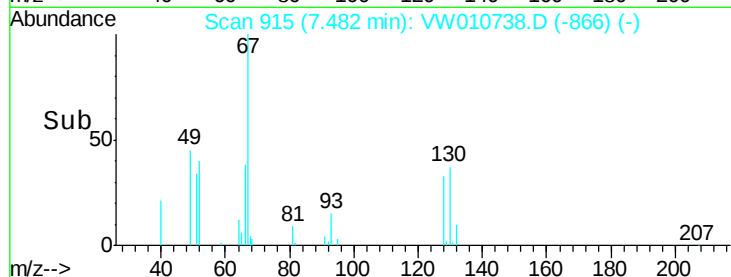
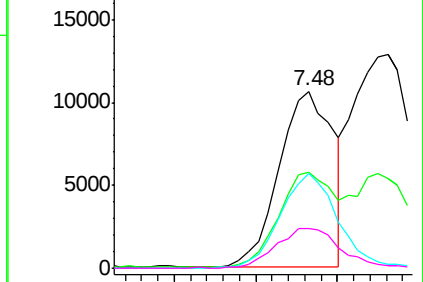


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 19.944 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW010738.D

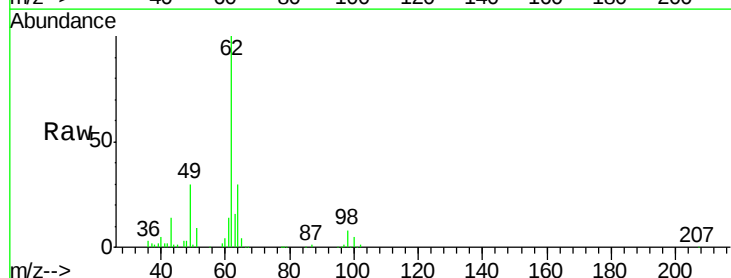
Acq: 10 Jun 2019 12:01

Tgt Ion: 62 Resp: 72425

Ion Ratio Lower Upper

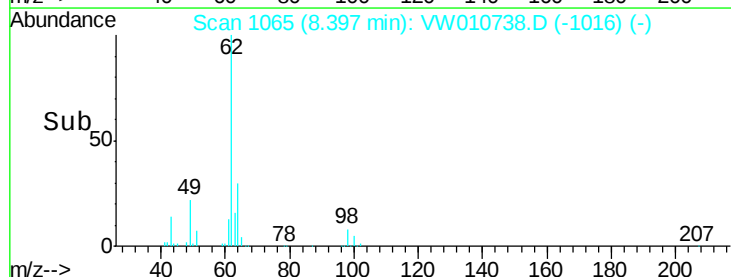
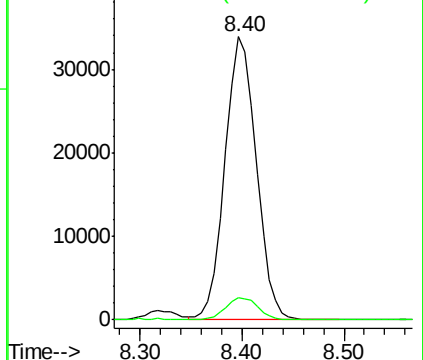
62 100

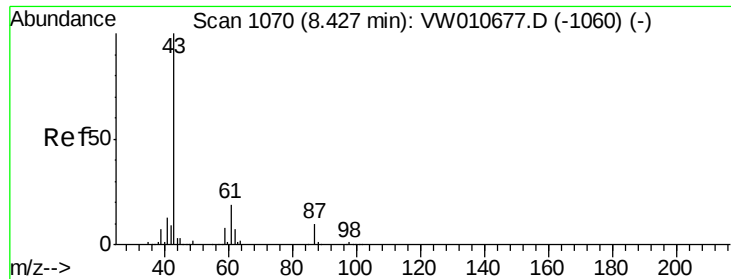
98 8.1 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

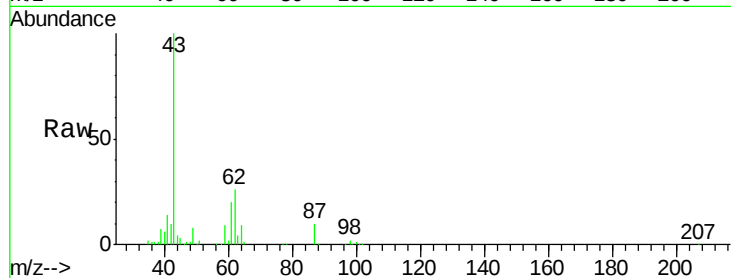




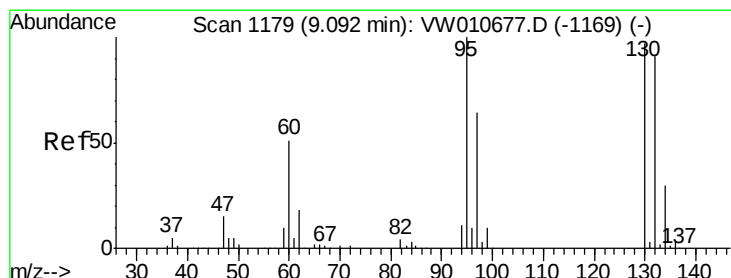
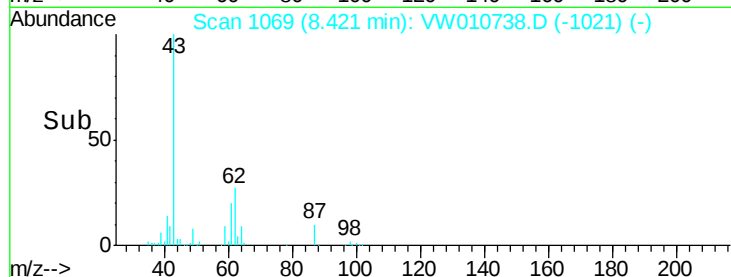
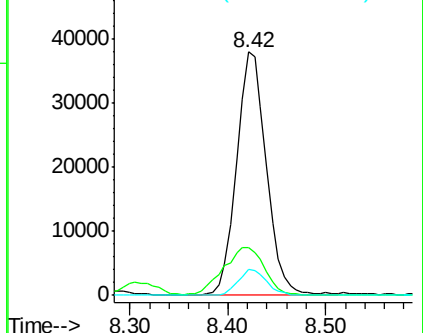
#43
Isopropyl Acetate
Concen: 17.750 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBS01

Tgt Ion: 43 Resp: 79698
Ion Ratio Lower Upper
43 100
61 27.4 21.2 31.8
87 10.2 8.3 12.5

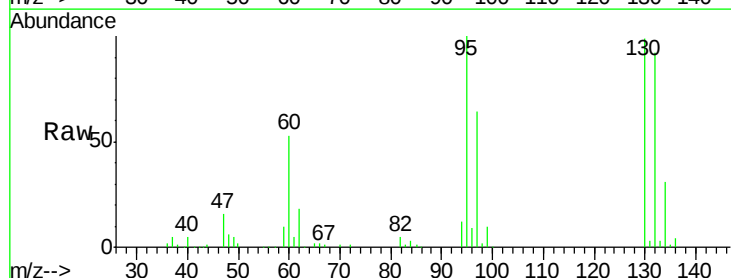


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

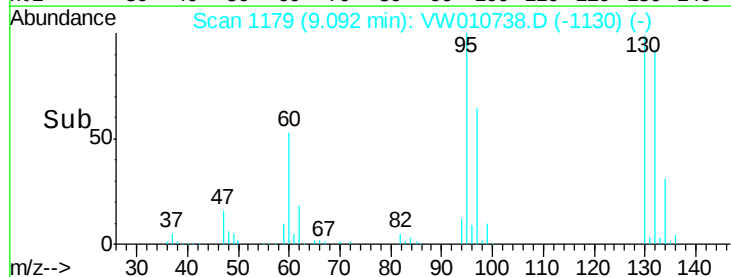
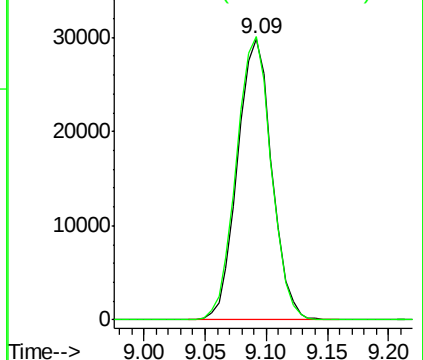


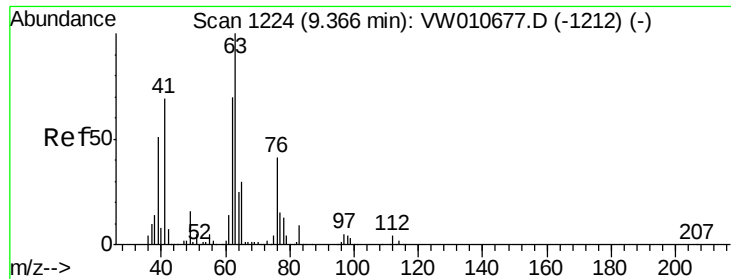
#44
Trichloroethene
Concen: 20.581 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Tgt Ion: 130 Resp: 58086
Ion Ratio Lower Upper
130 100
95 100.8 0.0 207.0



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





#45

1,2-Dichloropropane

Concen: 20.541 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

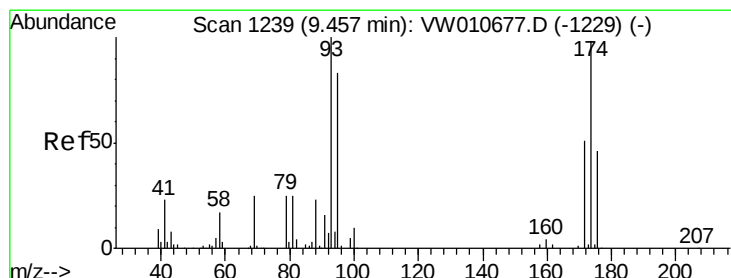
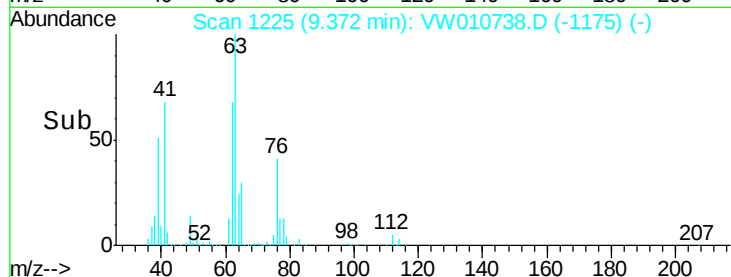
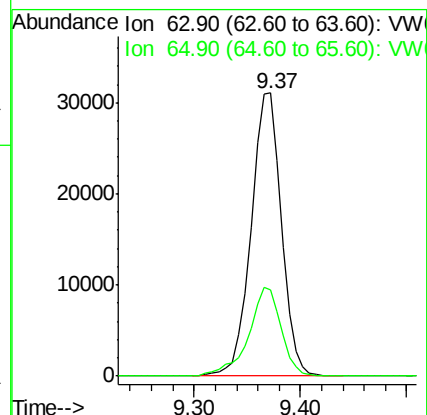
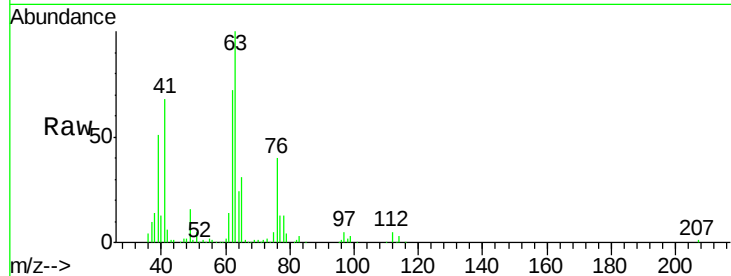
VW0610SBS01

Tgt Ion: 63 Resp: 62214

Ion Ratio Lower Upper

63 100

65 30.7 23.8 35.6



#46

Dibromomethane

Concen: 18.819 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

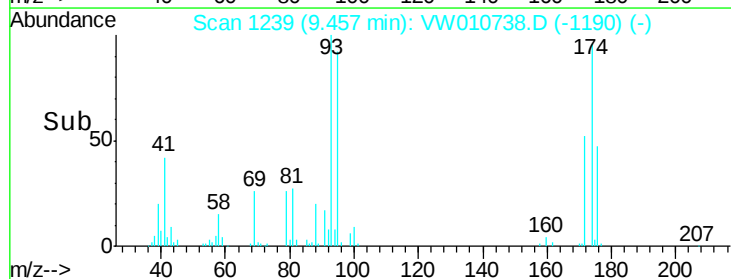
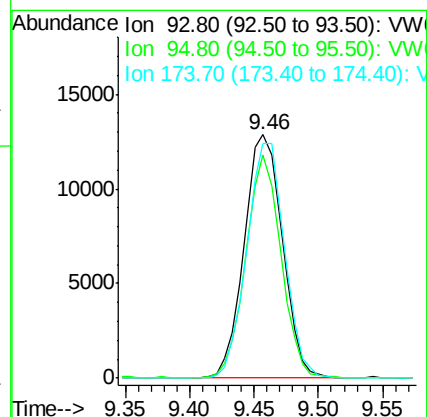
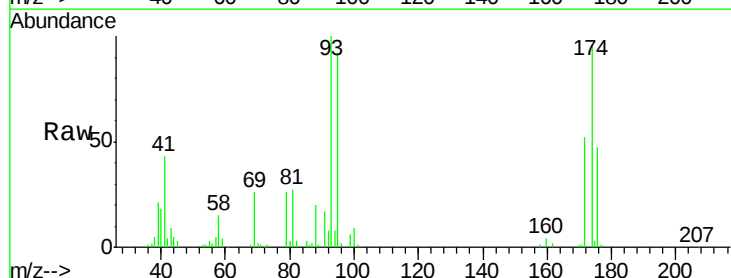
Tgt Ion: 93 Resp: 26474

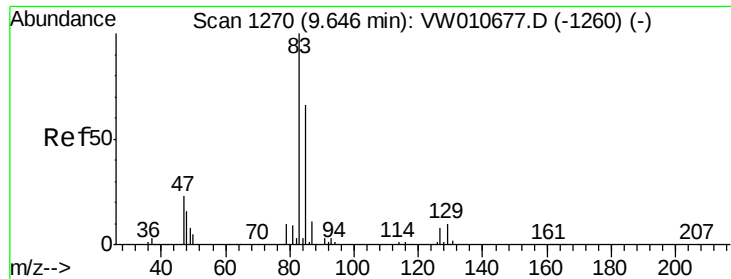
Ion Ratio Lower Upper

93 100

95 84.3 65.8 98.8

174 94.8 77.4 116.0

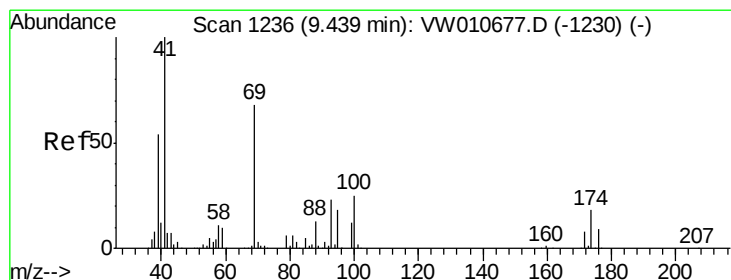
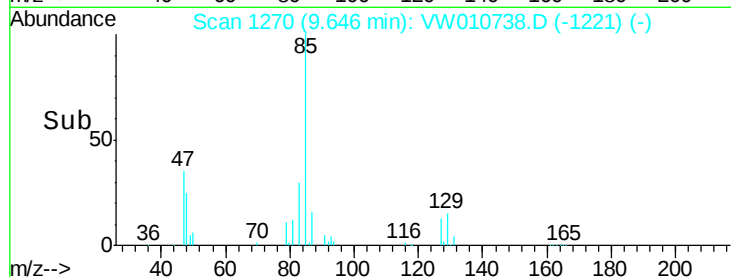
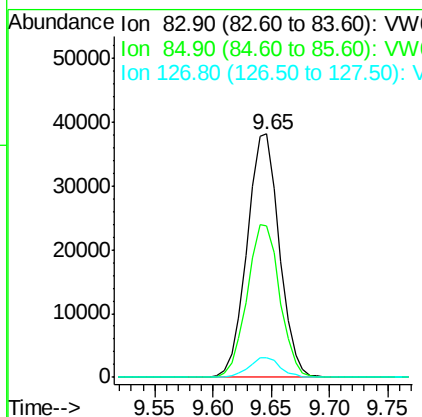
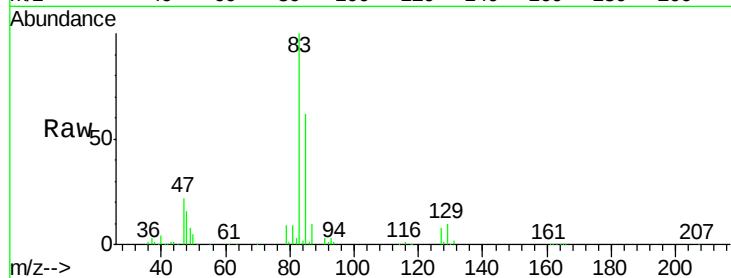




#47
 Bromodichloromethane
 Concen: 20.206 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

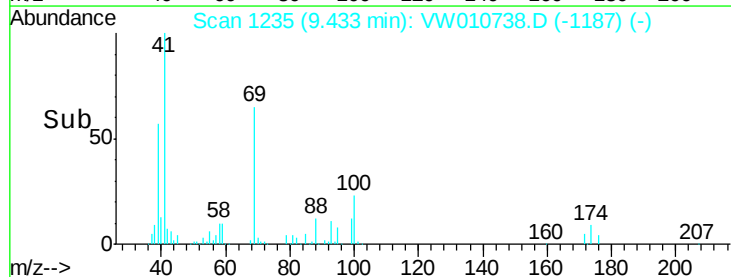
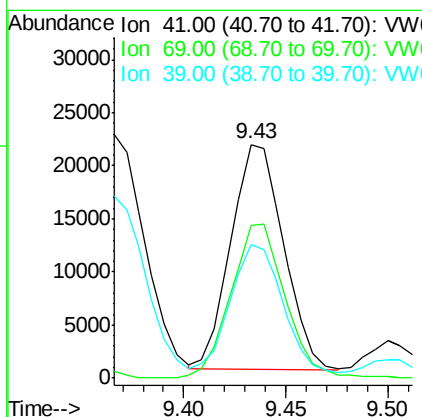
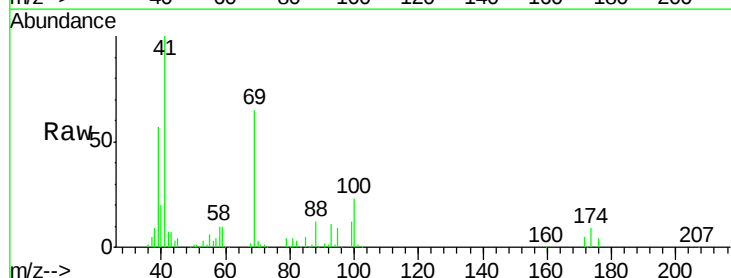
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBS01

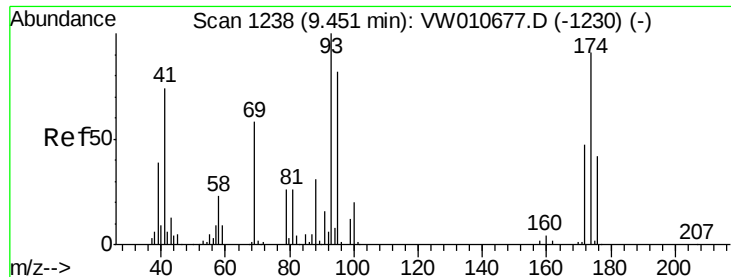
Tgt Ion: 83 Resp: 73685
 Ion Ratio Lower Upper
 83 100
 85 62.2 53.0 79.4
 127 7.8 6.4 9.6



#48
 Methyl methacrylate
 Concen: 17.639 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

Tgt Ion: 41 Resp: 38185
 Ion Ratio Lower Upper
 41 100
 69 70.5 56.6 85.0
 39 55.8 44.4 66.6

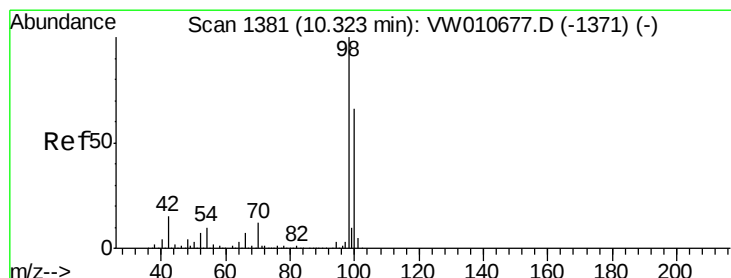
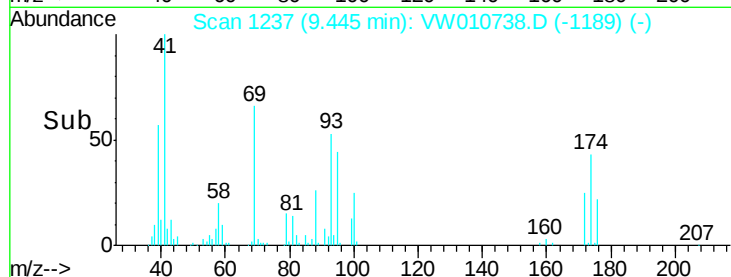
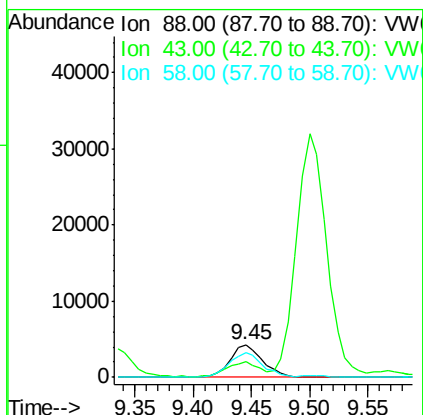
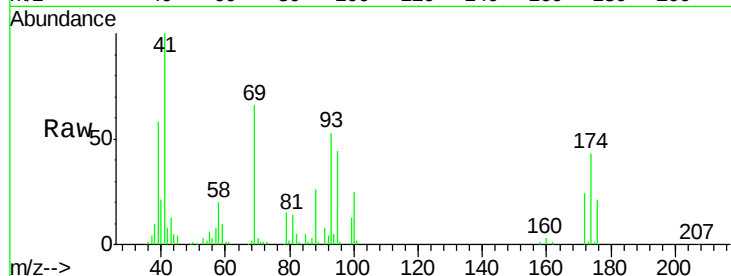




#49
1,4-Dioxane
Concen: 377.508 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

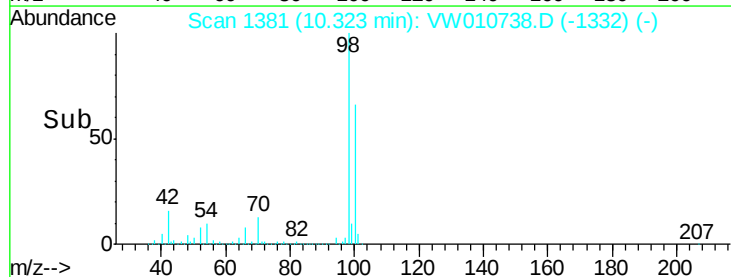
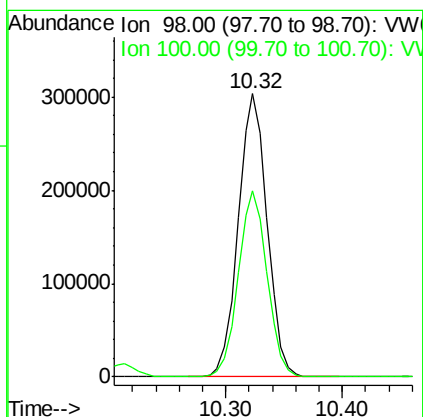
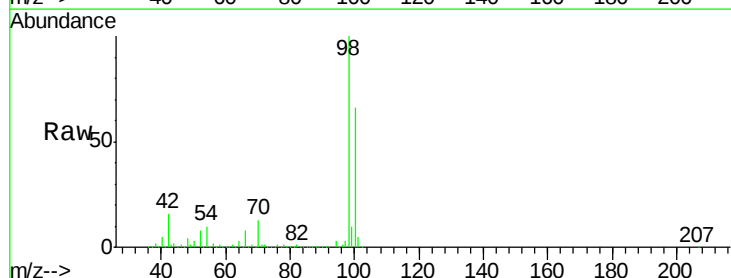
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBS01

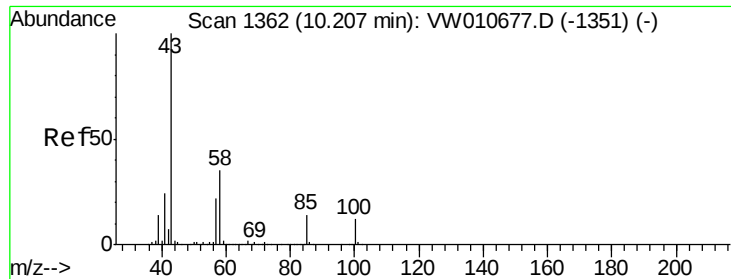
Tgt Ion: 88 Resp: 8303
Ion Ratio Lower Upper
88 100
43 45.2 34.2 51.4
58 78.3 69.0 103.4



#50
Toluene-d8
Concen: 53.628 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Tgt Ion: 98 Resp: 522989
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6

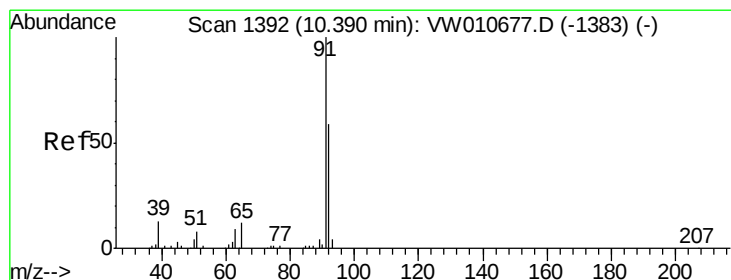
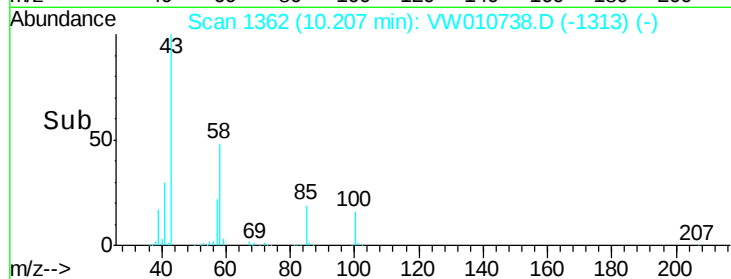
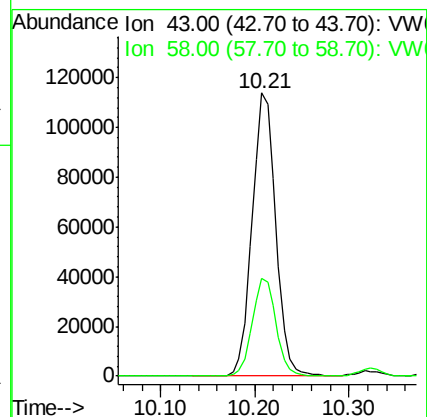
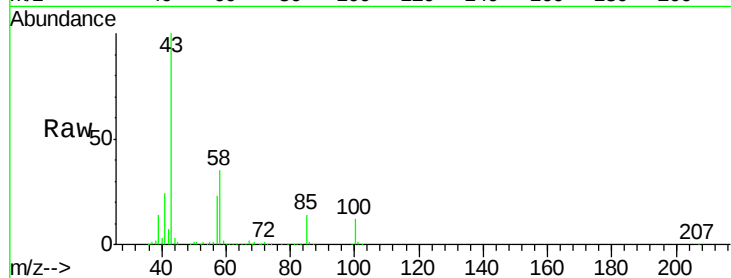




#51
 4-Methyl-2-Pentanone
 Concen: 87.368 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

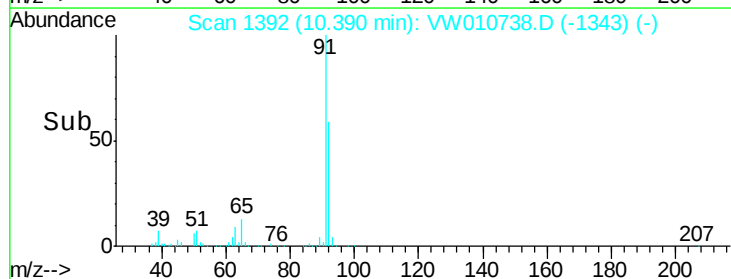
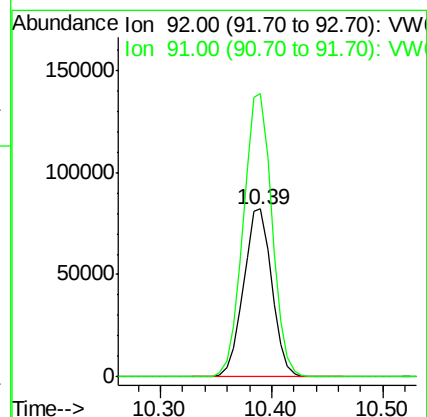
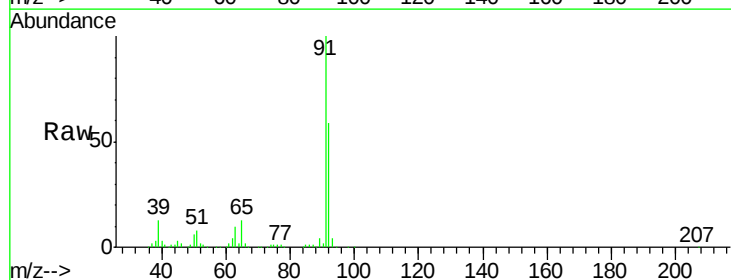
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBS01

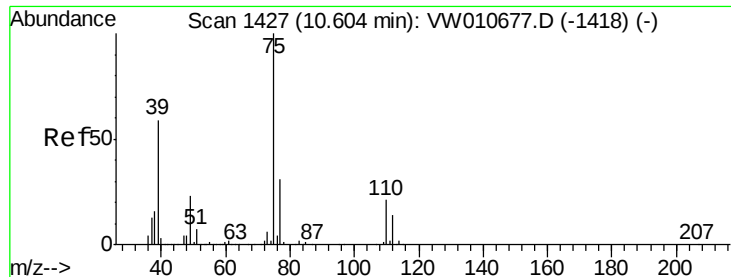
Tgt Ion: 43 Resp: 200405
 Ion Ratio Lower Upper
 43 100
 58 34.9 28.4 42.6



#52
 Toluene
 Concen: 20.478 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

Tgt Ion: 92 Resp: 144159
 Ion Ratio Lower Upper
 92 100
 91 171.5 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 19.862 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampled :

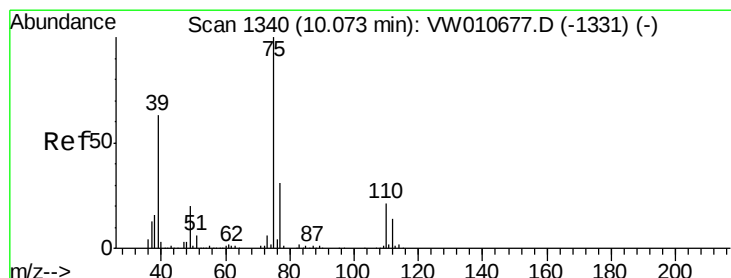
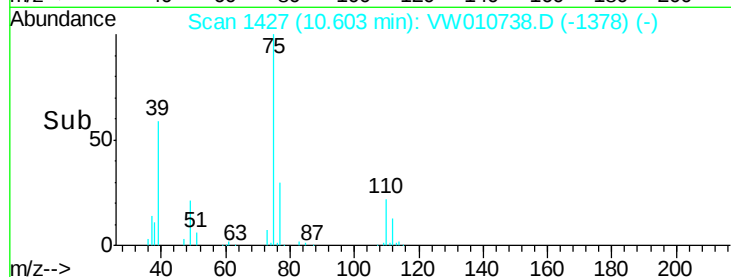
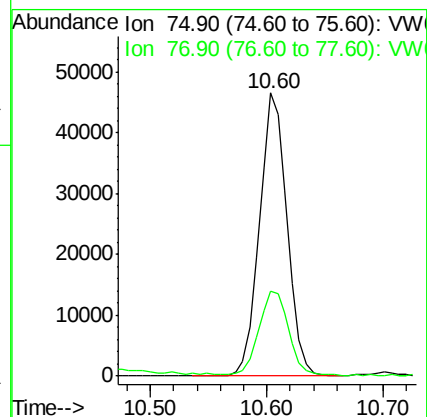
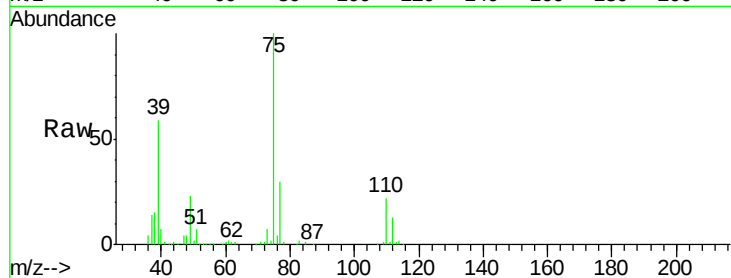
VW0610SBS01

Tgt Ion: 75 Resp: 76715

Ion Ratio Lower Upper

75 100

77 29.7 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 20.358 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

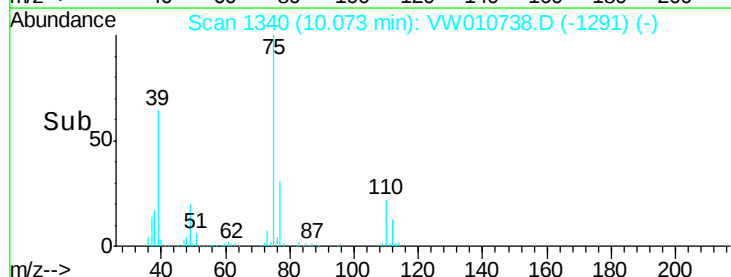
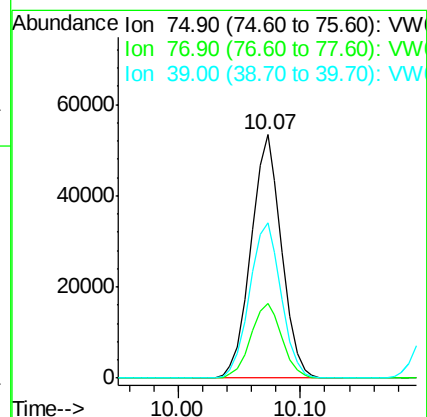
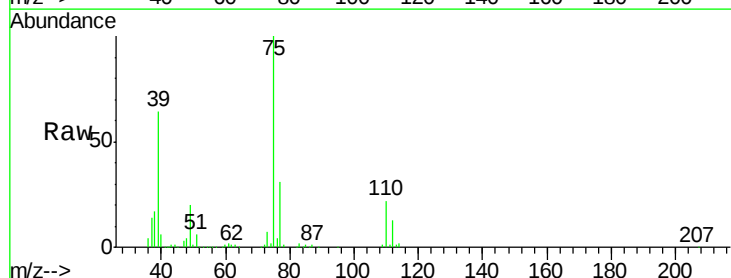
Tgt Ion: 75 Resp: 92529

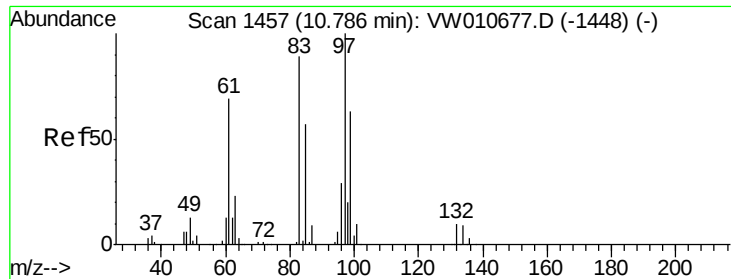
Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8

39 63.7 50.1 75.1

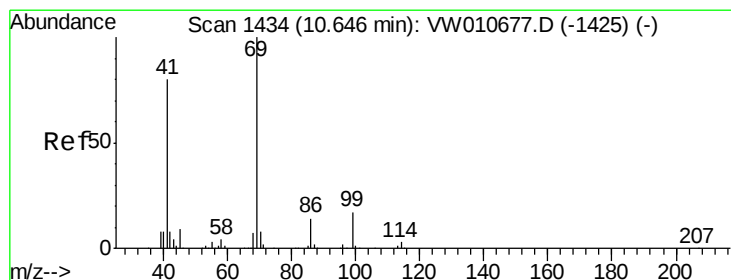
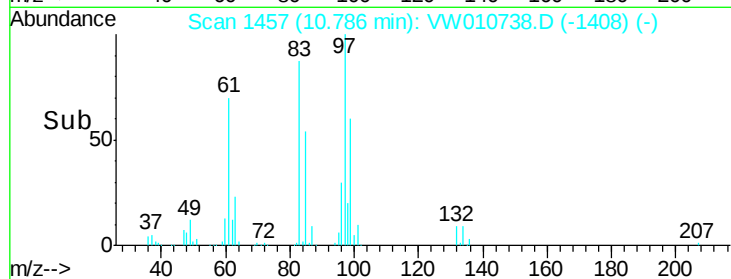
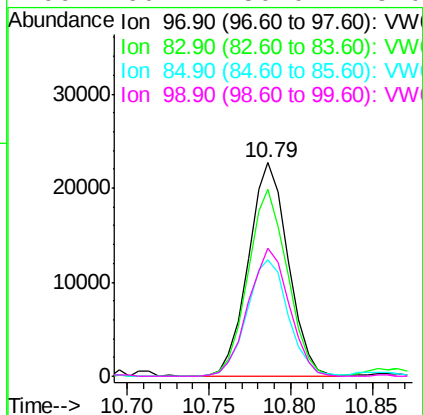
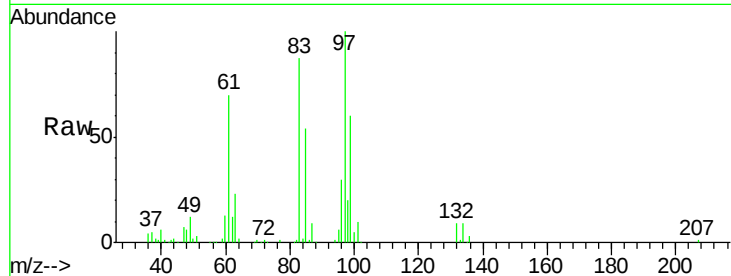




#55
 1,1,2-Trichloroethane
 Concen: 18.979 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

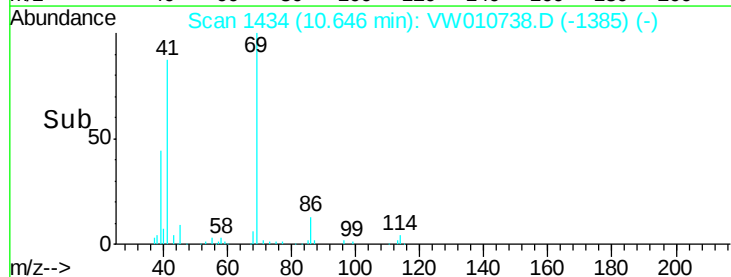
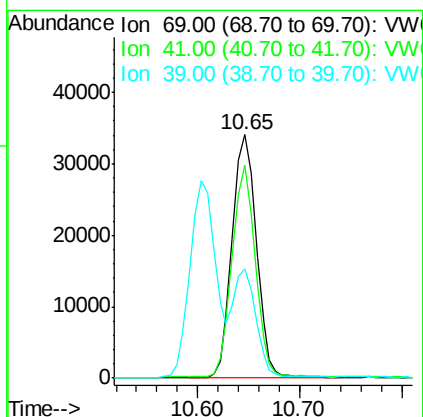
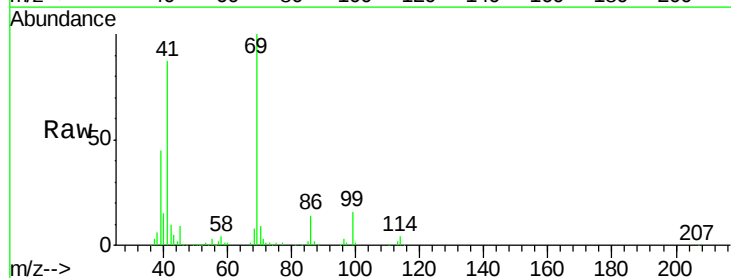
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBS01

Tgt Ion:	97	Resp:	38462
Ion	Ratio	Lower	Upper
97	100		
83	87.5	71.1	106.7
85	54.3	45.2	67.8
99	60.2	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 18.170 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

Tgt Ion:	69	Resp:	56660
Ion	Ratio	Lower	Upper
69	100		
41	84.0	64.8	97.2
39	41.6	32.2	48.2

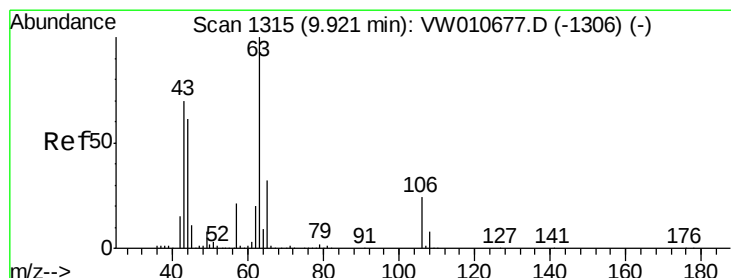
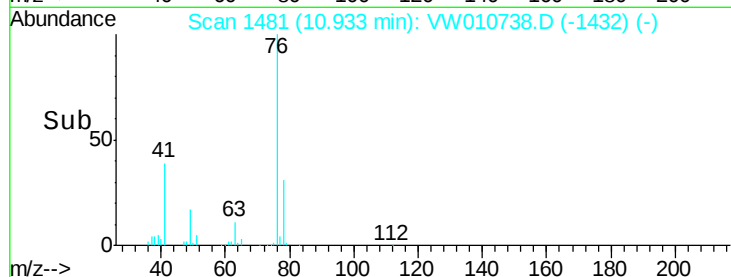
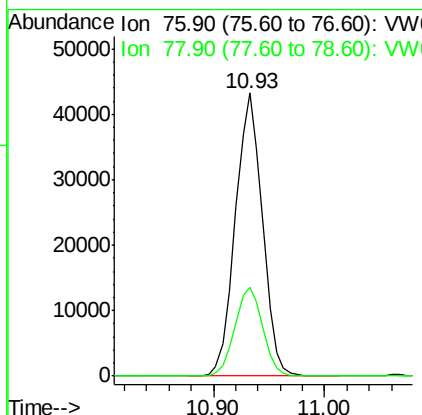
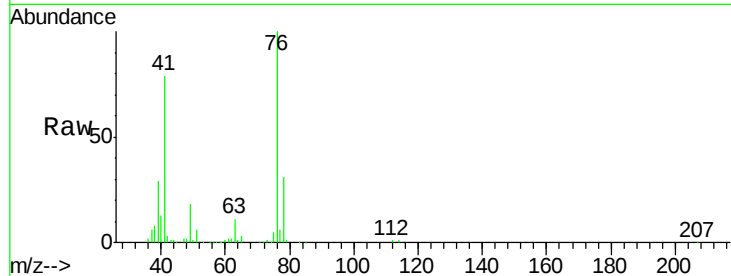




#57
 1,3-Dichloropropane
 Concen: 19.011 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

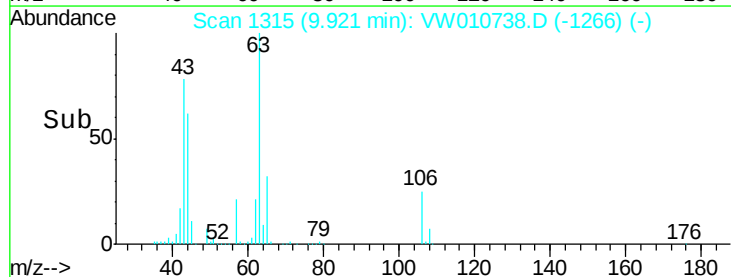
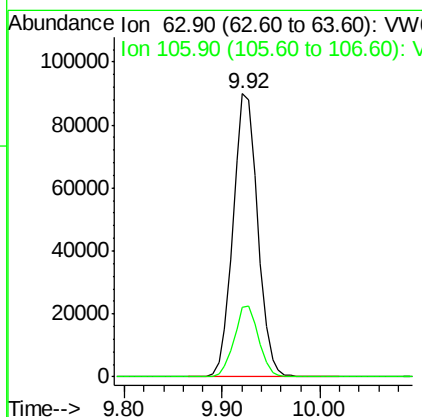
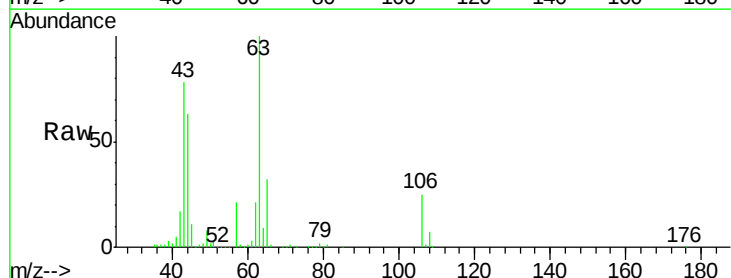
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBS01

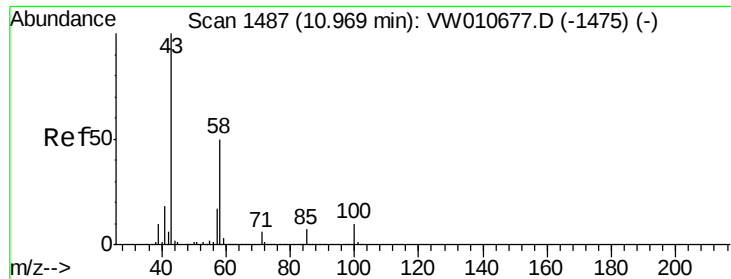
Tgt Ion: 76 Resp: 72608
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.521 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

Tgt Ion: 63 Resp: 157652
 Ion Ratio Lower Upper
 63 100
 106 24.8 20.1 30.1

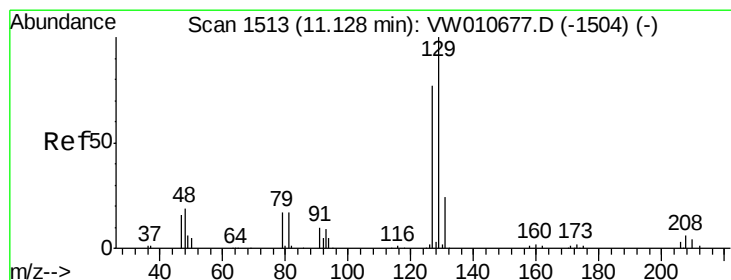
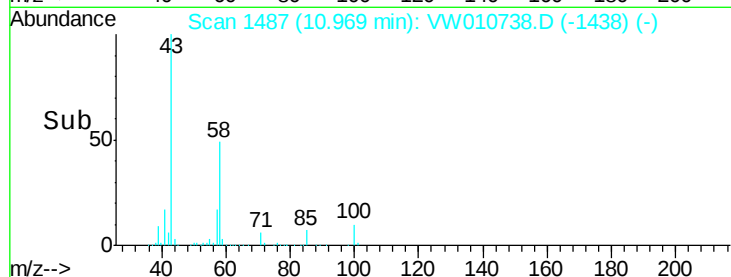
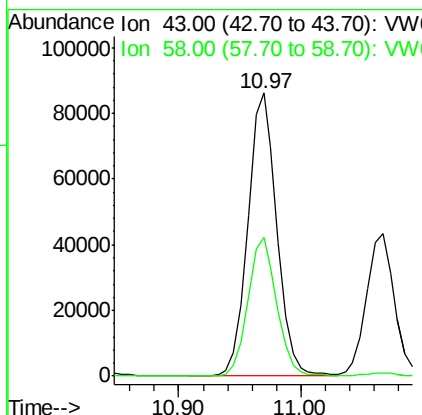
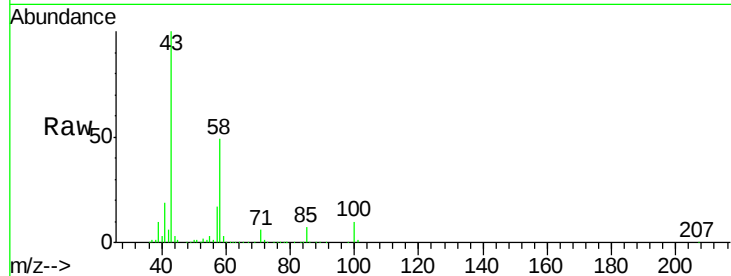




#59
2-Hexanone
Concen: 85.504 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

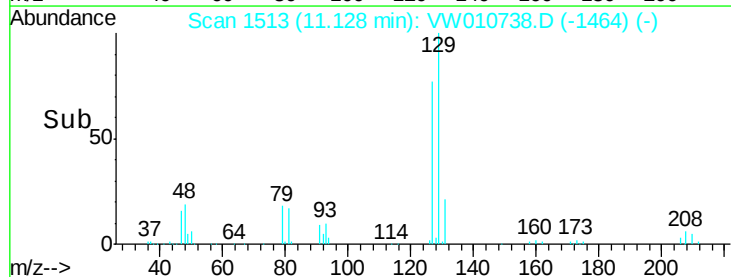
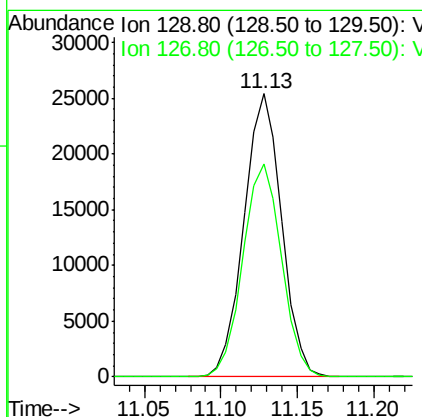
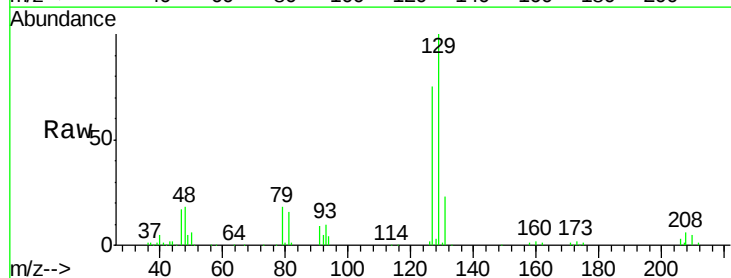
Instrument :
MSVOA_W
ClientSampled :
VW0610SBS01

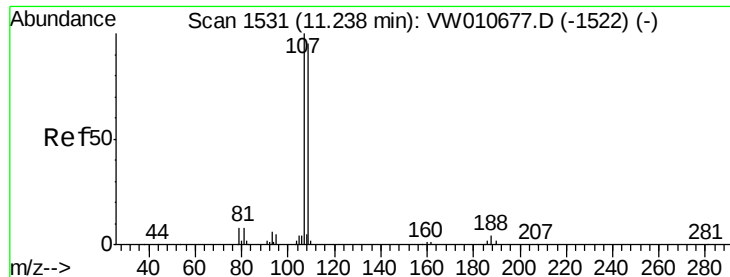
Tgt Ion: 43 Resp: 141747
Ion Ratio Lower Upper
43 100
58 48.7 24.9 74.6



#60
Dibromochloromethane
Concen: 19.360 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Tgt Ion: 129 Resp: 43494
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

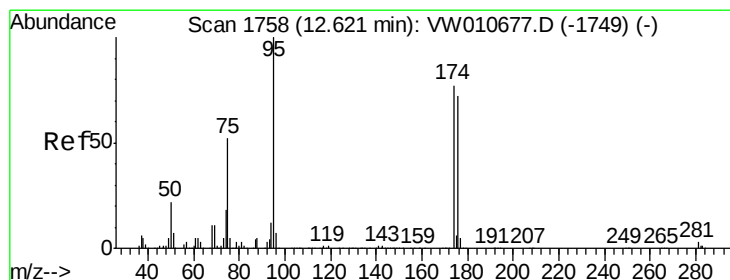
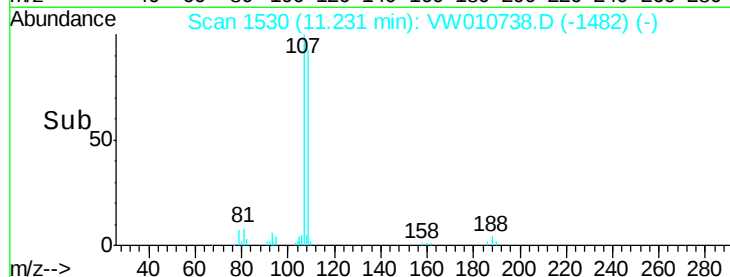
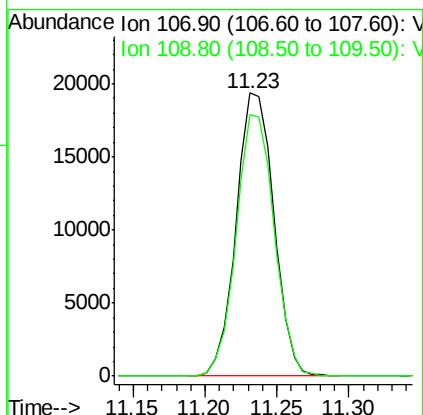
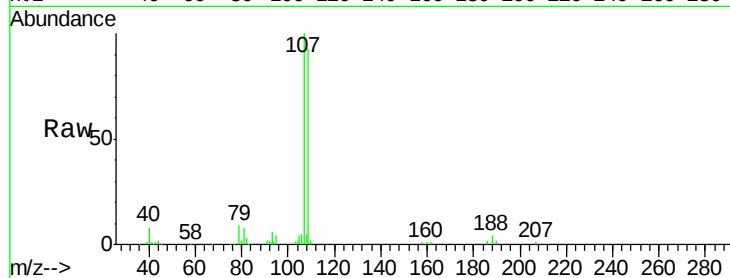




#61
 1,2-Dibromoethane
 Concen: 18.314 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

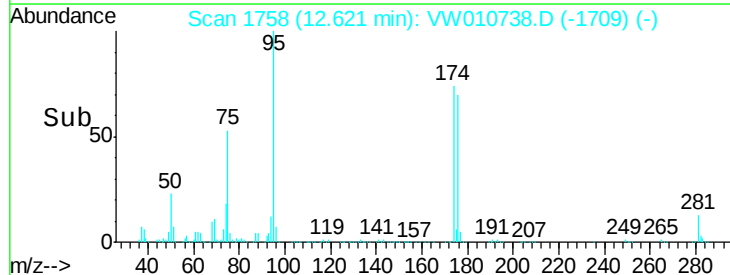
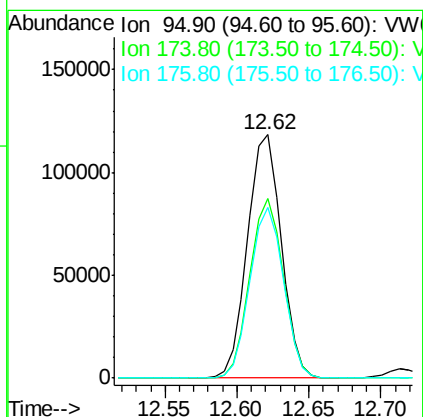
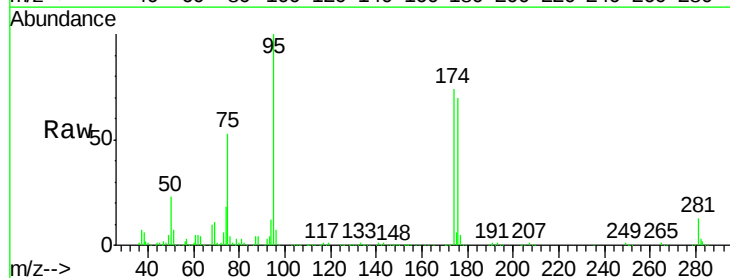
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBS01

Tgt Ion: 107 Resp: 35166
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 54.172 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

Tgt Ion: 95 Resp: 192238
 Ion Ratio Lower Upper
 95 100
 174 73.1 0.0 150.4
 176 69.8 0.0 144.8

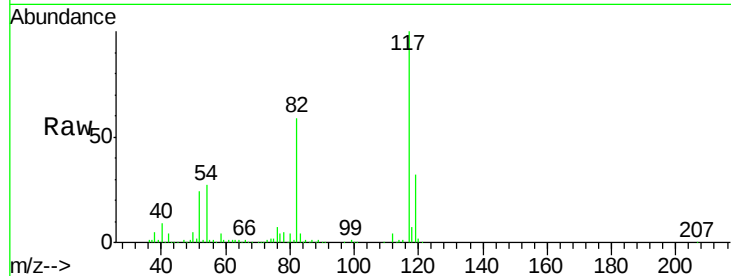




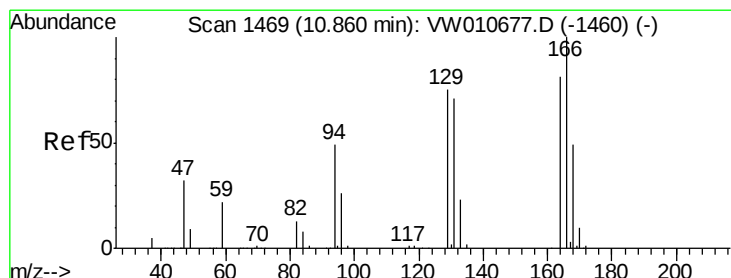
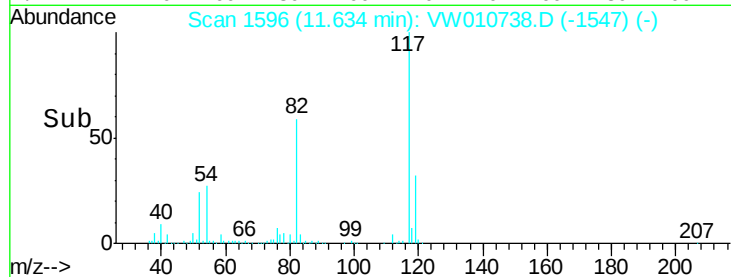
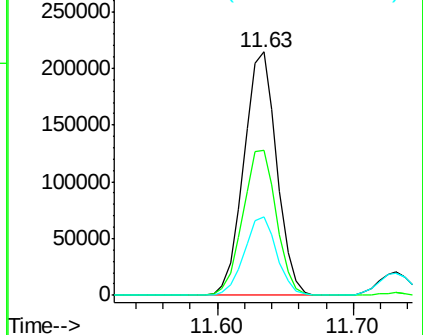
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBS01

Tgt Ion:117 Resp: 362076
Ion Ratio Lower Upper
117 100
82 59.3 47.0 70.4
119 32.4 25.1 37.7

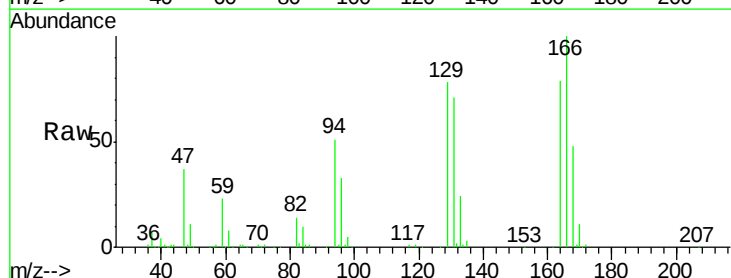


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

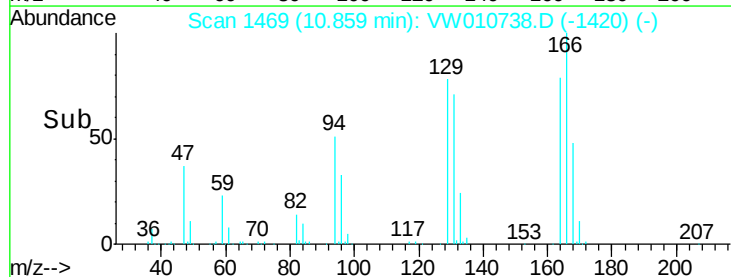
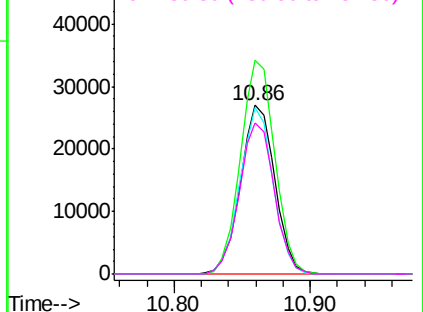


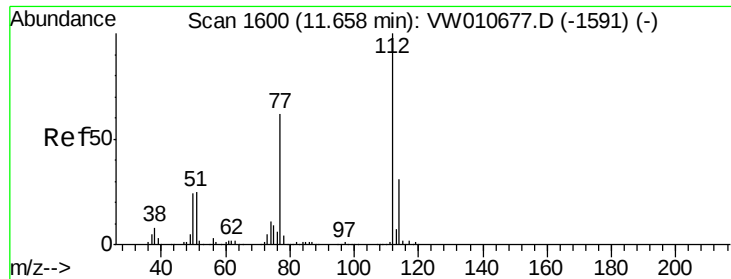
#64
Tetrachloroethene
Concen: 19.775 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Tgt Ion:164 Resp: 47540
Ion Ratio Lower Upper
164 100
166 126.6 99.2 148.8
129 98.5 74.6 112.0
131 89.7 70.2 105.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.422 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

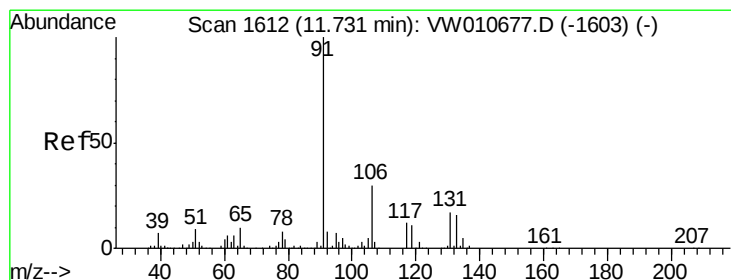
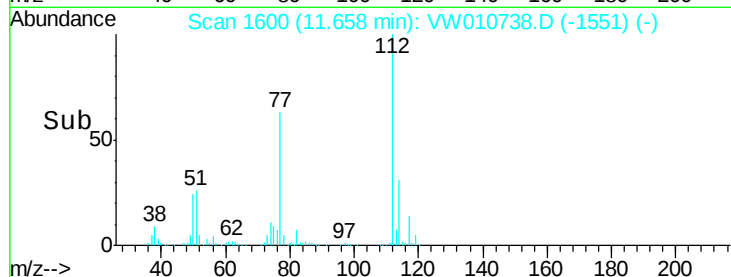
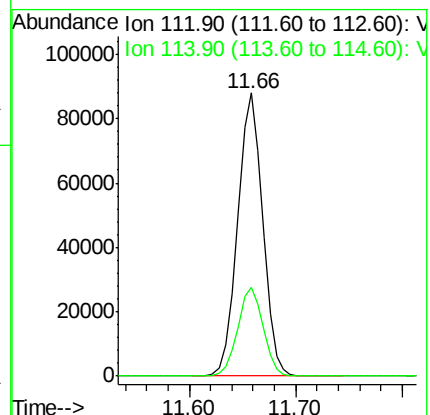
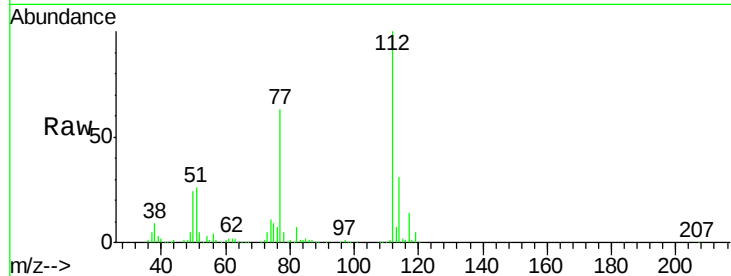
VW0610SBS01

Tgt Ion:112 Resp: 145410

Ion Ratio Lower Upper

112 100

114 31.4 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 20.264 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

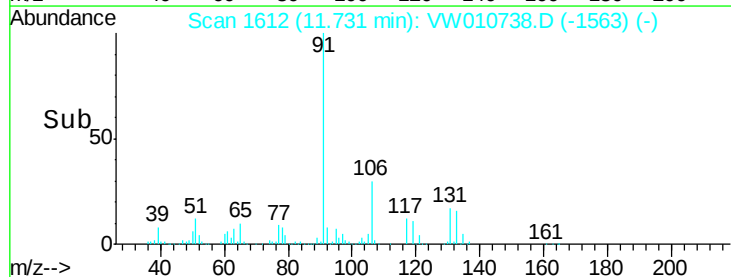
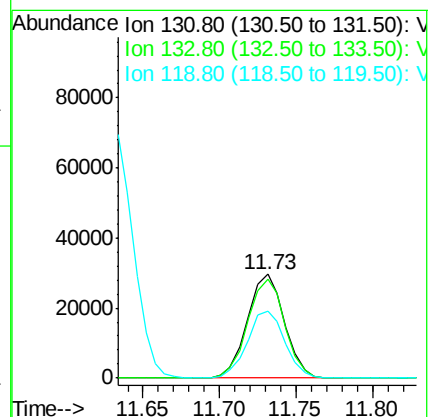
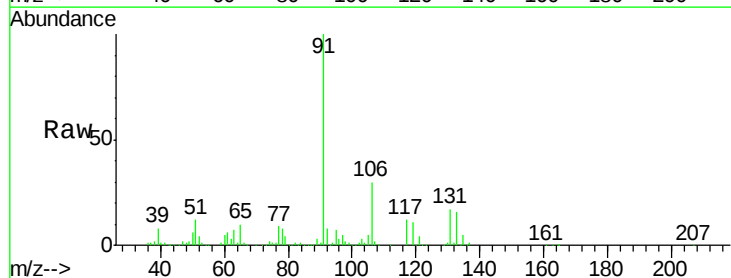
Tgt Ion:131 Resp: 49946

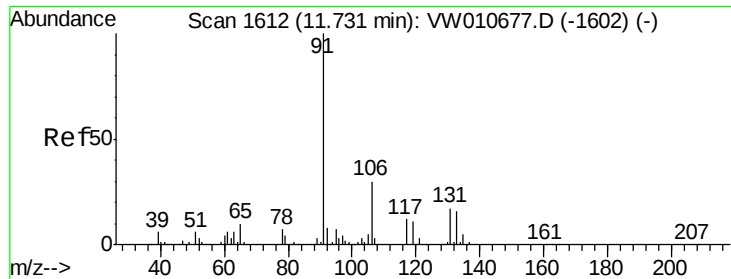
Ion Ratio Lower Upper

131 100

133 96.0 47.3 141.9

119 65.3 32.4 97.0

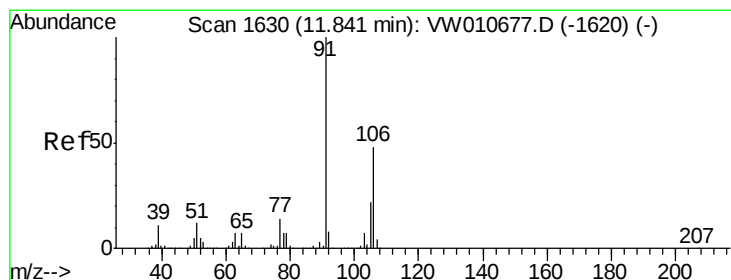
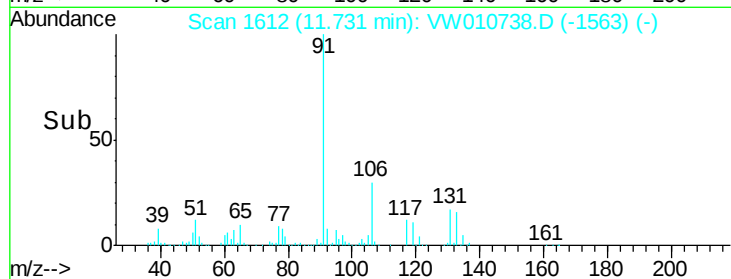
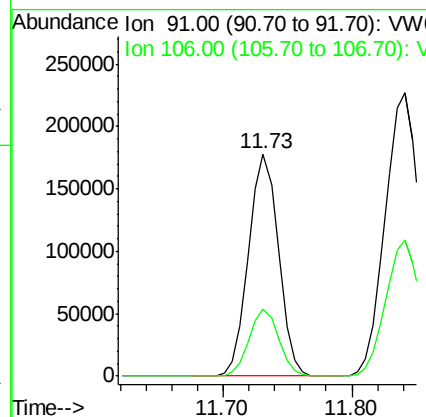
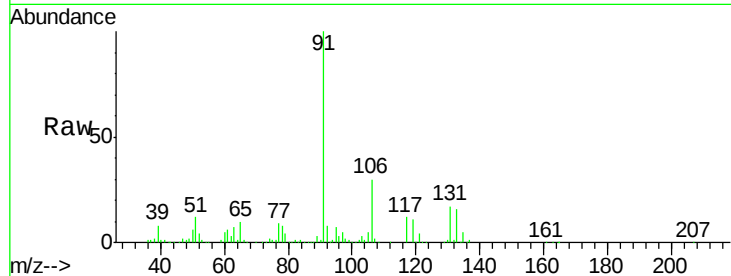




#67
Ethyl Benzene
Concen: 20.831 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

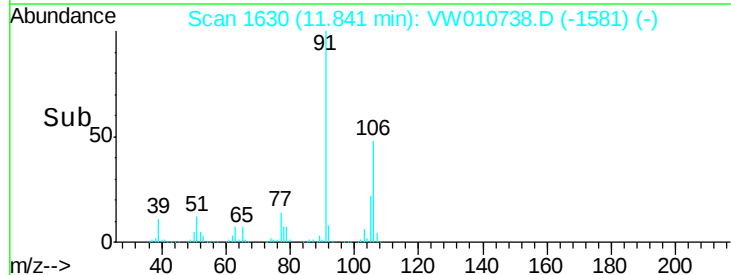
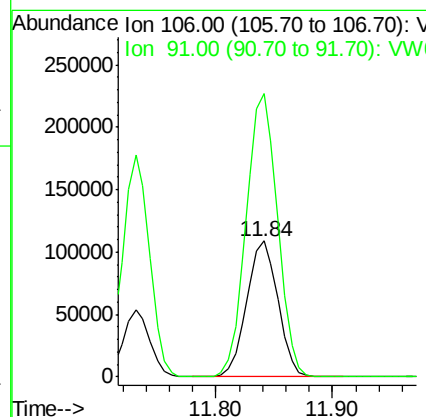
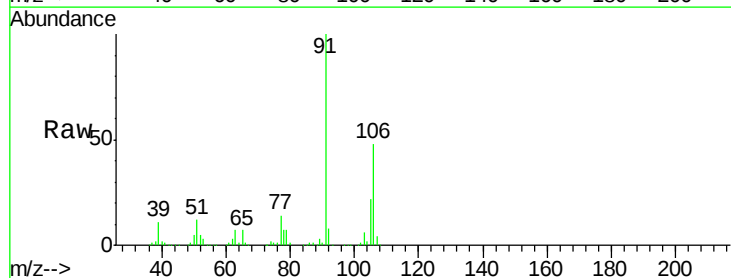
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBS01

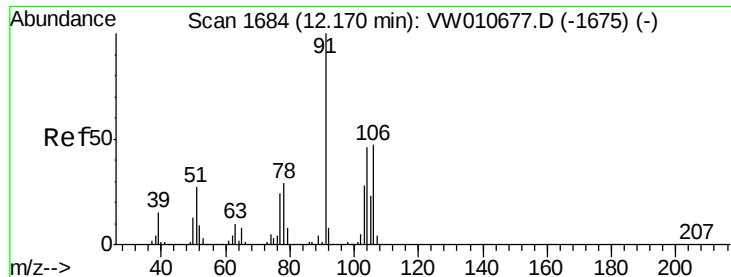
Tgt Ion: 91 Resp: 285050
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4



#68
m/p-Xylenes
Concen: 41.513 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Tgt Ion: 106 Resp: 203350
Ion Ratio Lower Upper
106 100
91 210.2 166.5 249.7

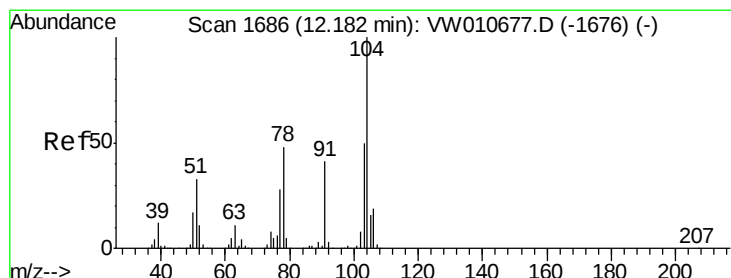
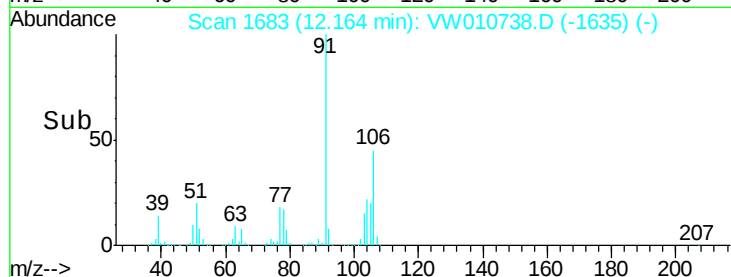
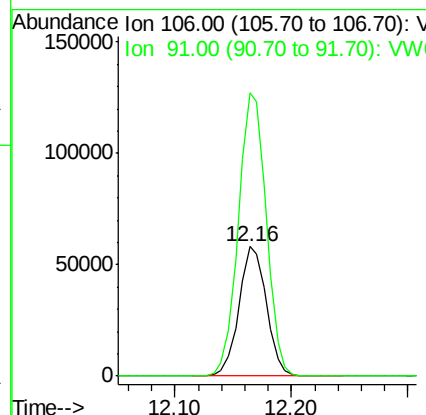
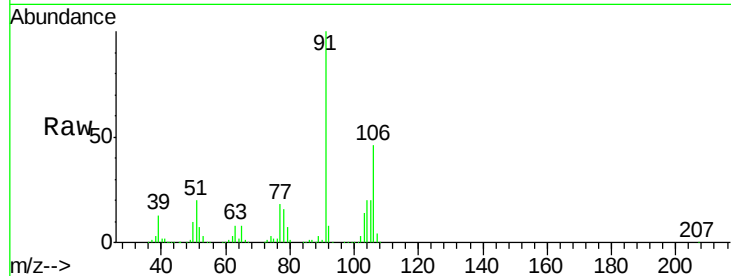




#69
o-Xylene
Concen: 20.507 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

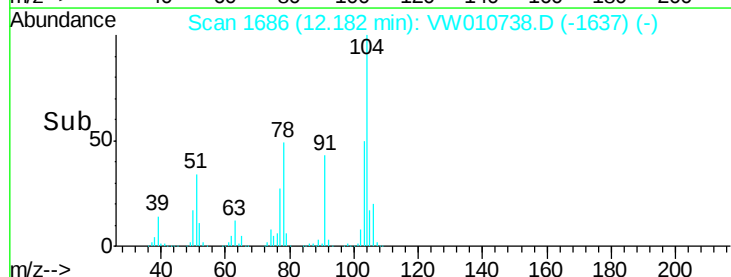
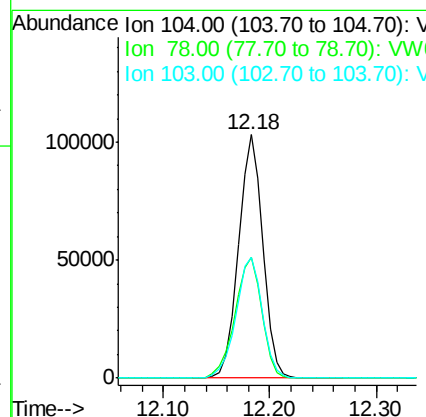
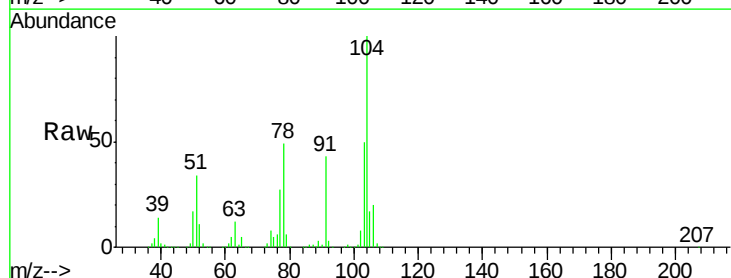
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBS01

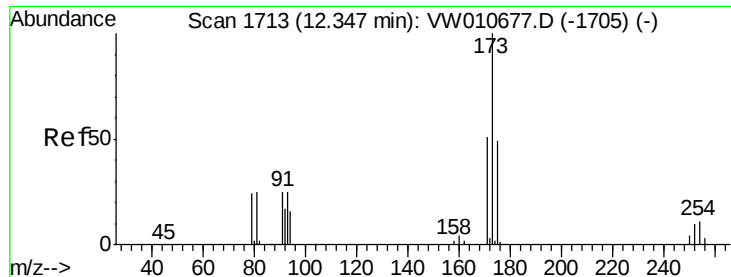
Tgt Ion:106 Resp: 95271
Ion Ratio Lower Upper
106 100
91 222.8 108.9 326.6



#70
Styrene
Concen: 20.406 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Tgt Ion:104 Resp: 164687
Ion Ratio Lower Upper
104 100
78 54.6 42.7 64.1
103 54.0 43.6 65.4

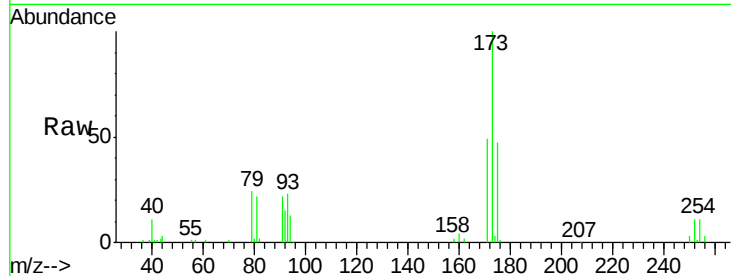




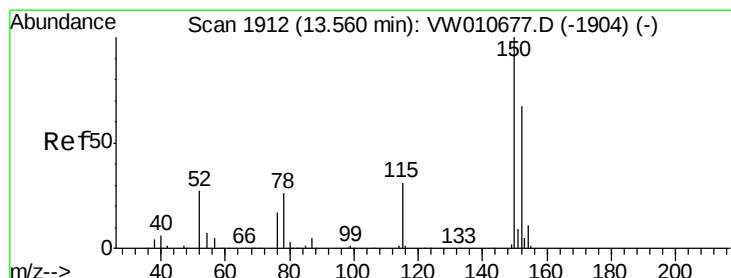
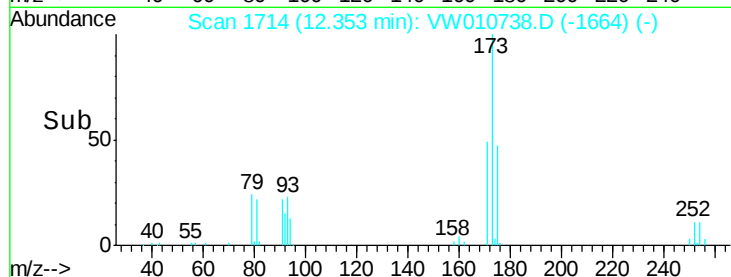
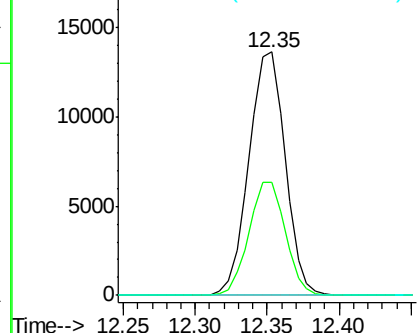
#71
Bromoform
Concen: 18.653 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBS01

Tgt Ion:173 Resp: 23777
Ion Ratio Lower Upper
173 100
175 46.8 24.3 72.8
254 0.0 0.1 0.1#

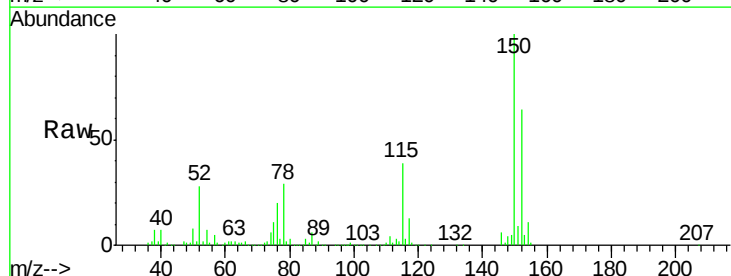


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

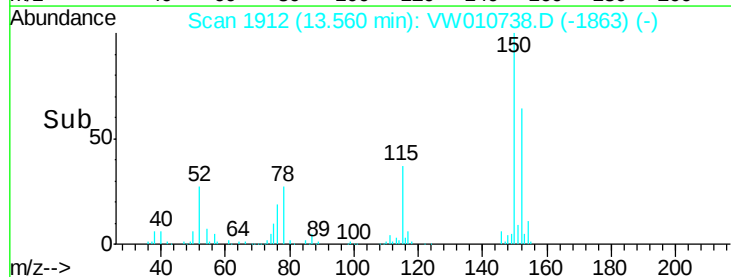
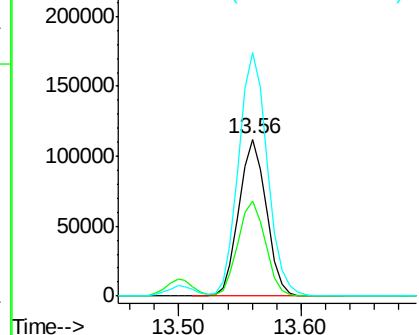


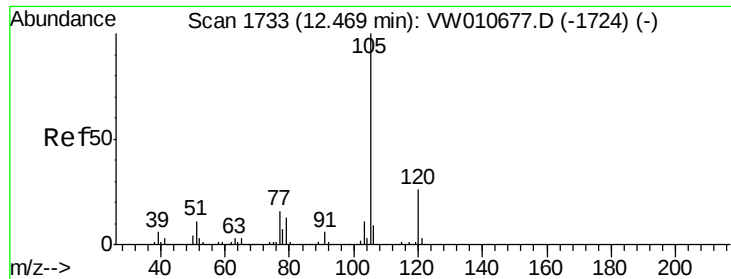
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Tgt Ion:152 Resp: 172981
Ion Ratio Lower Upper
152 100
115 61.2 29.8 89.3
150 163.0 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: 20.759 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

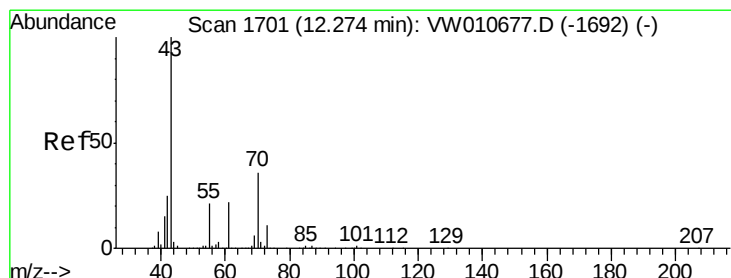
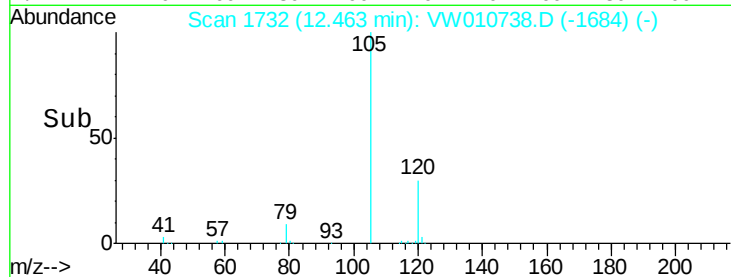
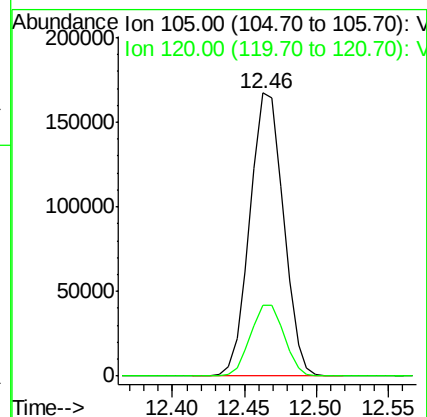
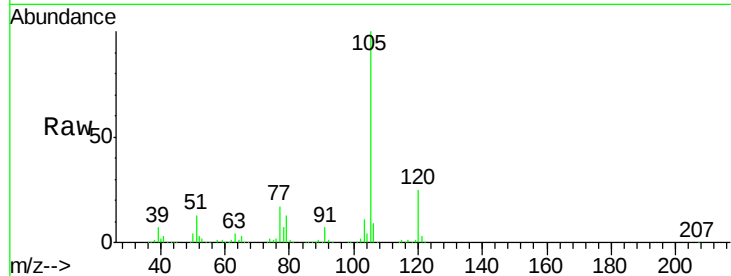
VW0610SBS01

Tgt Ion:105 Resp: 269839

Ion Ratio Lower Upper

105 100

120 25.4 13.1 39.1



#74

N-ethyl acetate

Concen: 18.192 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Tgt Ion: 43 Resp: 76426

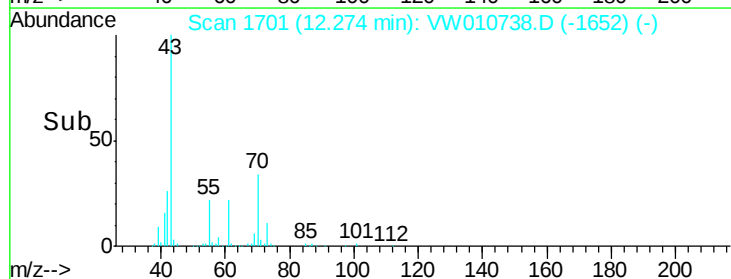
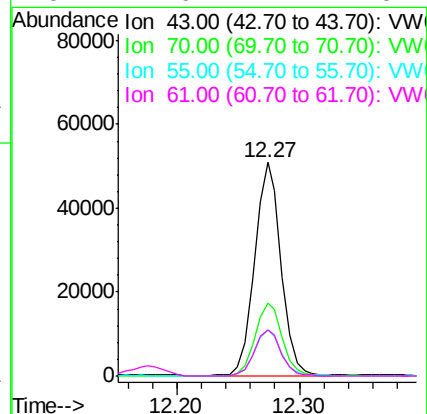
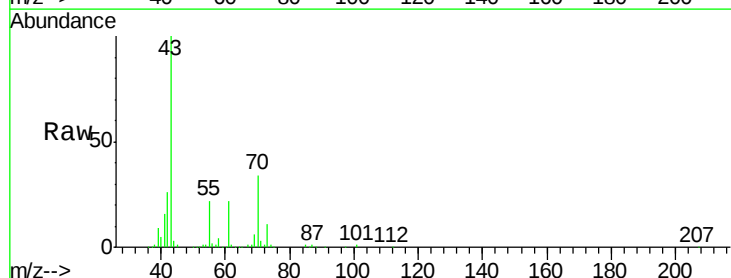
Ion Ratio Lower Upper

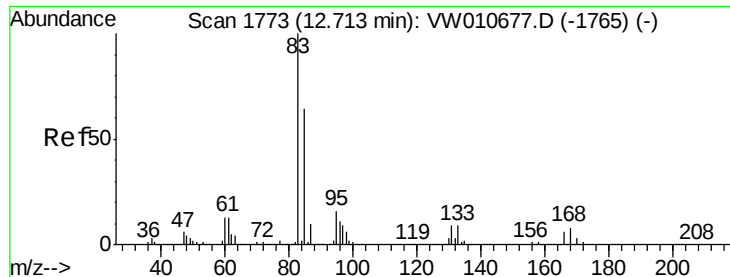
43 100

70 35.1 29.2 43.8

55 22.3 17.5 26.3

61 21.9 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.674 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBS01

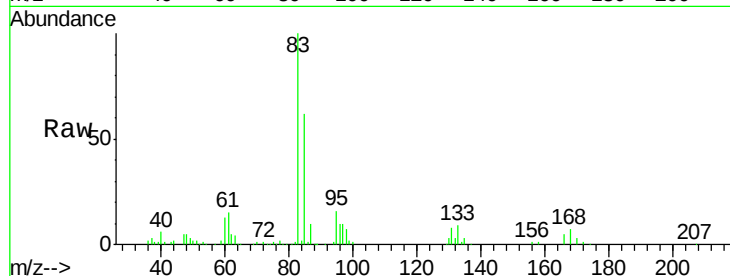
Tgt Ion: 83 Resp: 43738

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.7

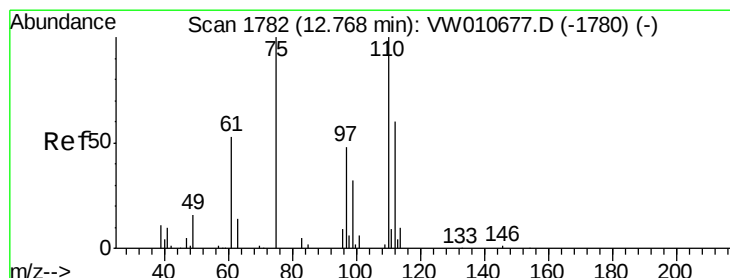
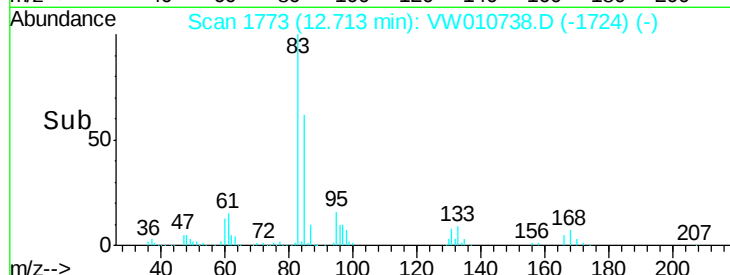
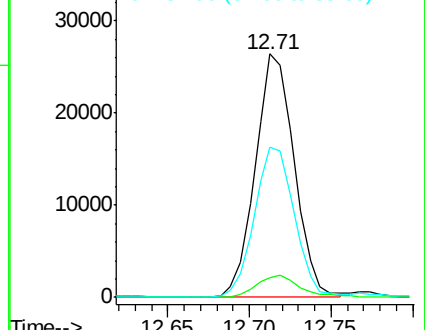
85 63.5 31.9 95.9



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: 33.283 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010738.D

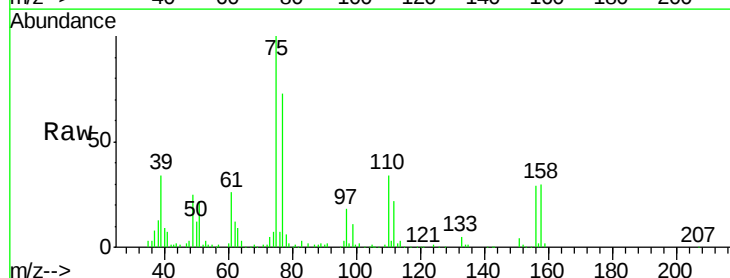
Acq: 10 Jun 2019 12:01

Tgt Ion: 75 Resp: 60460

Ion Ratio Lower Upper

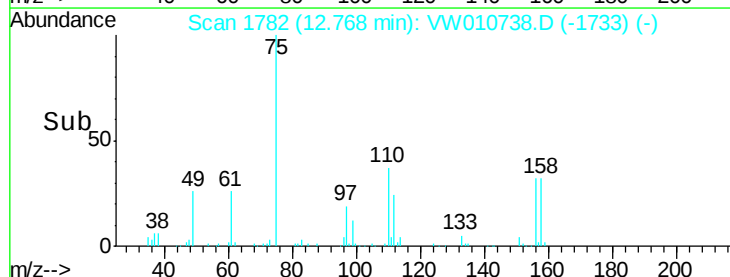
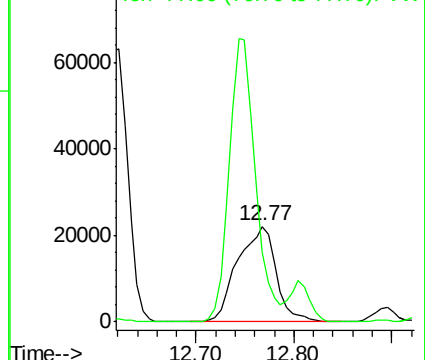
75 100

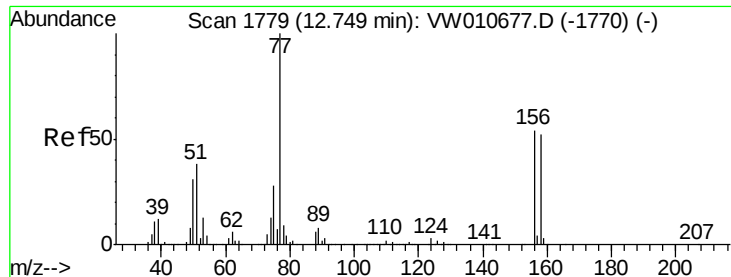
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.888 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBS01

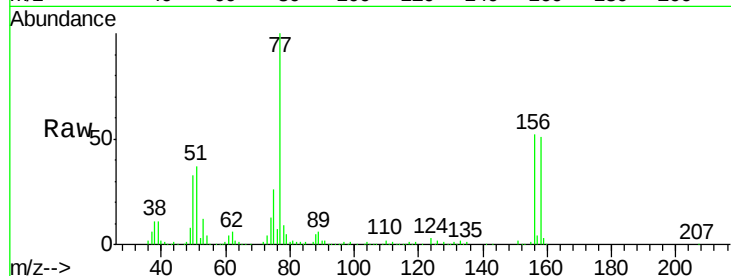
Tgt Ion:156 Resp: 56432

Ion Ratio Lower Upper

156 100

77 215.5 106.5 319.4

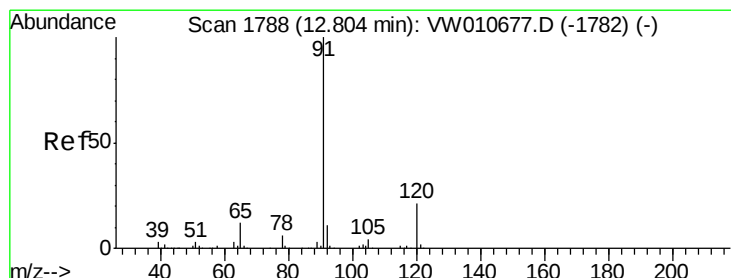
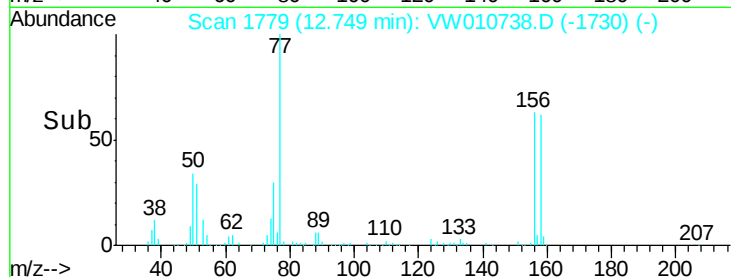
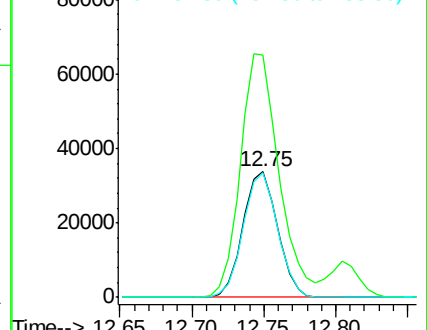
158 97.9 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.062 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010738.D

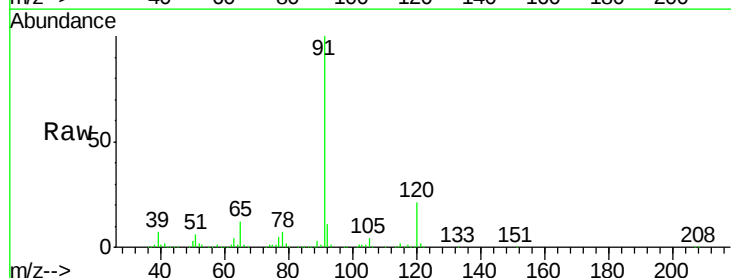
Acq: 10 Jun 2019 12:01

Tgt Ion: 91 Resp: 330122

Ion Ratio Lower Upper

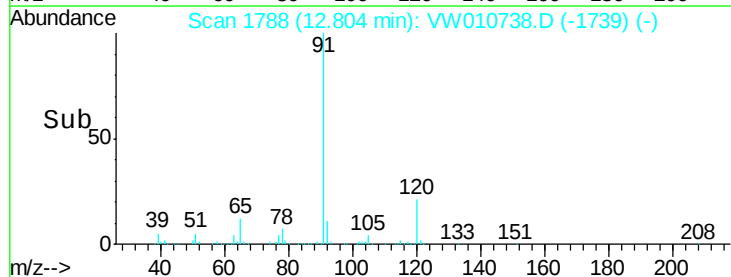
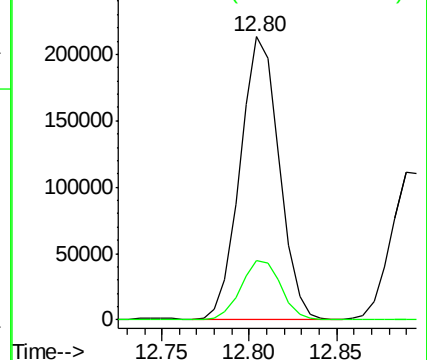
91 100

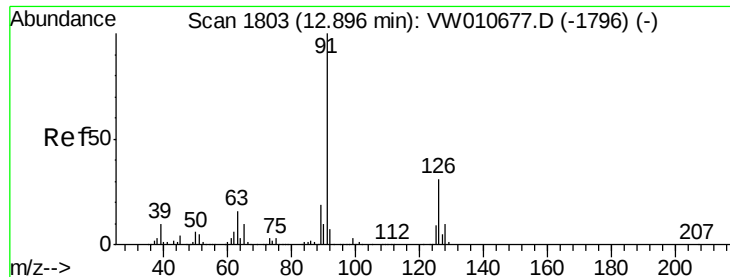
120 21.5 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.696 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

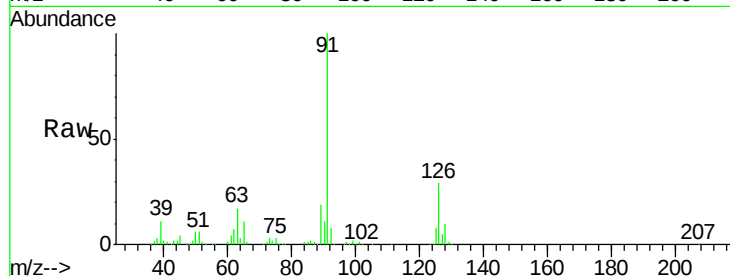
VW0610SBS01

Tgt Ion: 91 Resp: 185333

Ion Ratio Lower Upper

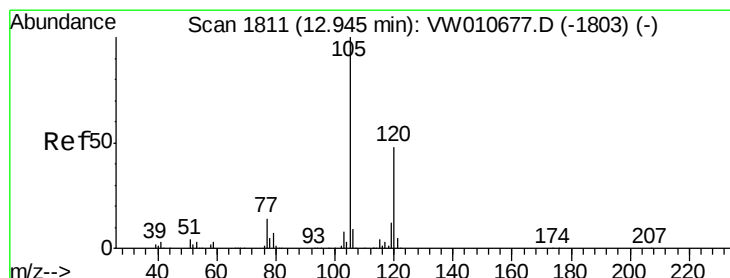
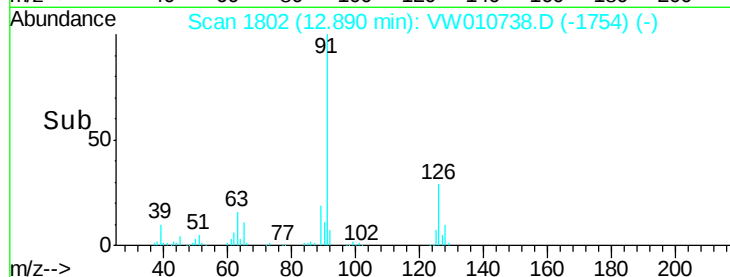
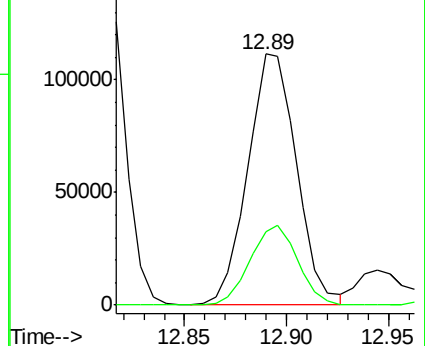
91 100

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: 21.106 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010738.D

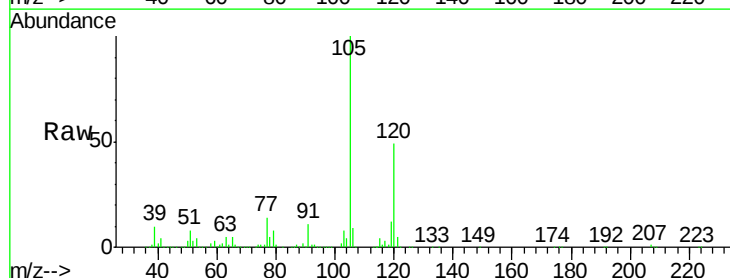
Acq: 10 Jun 2019 12:01

Tgt Ion: 105 Resp: 224563

Ion Ratio Lower Upper

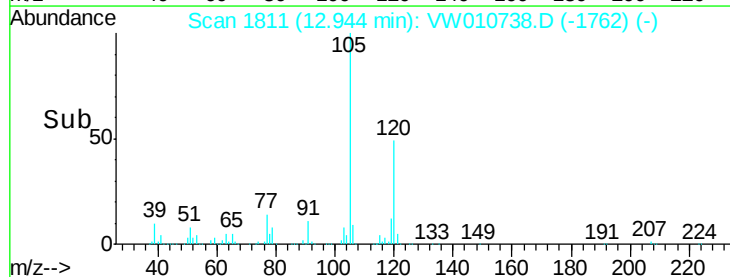
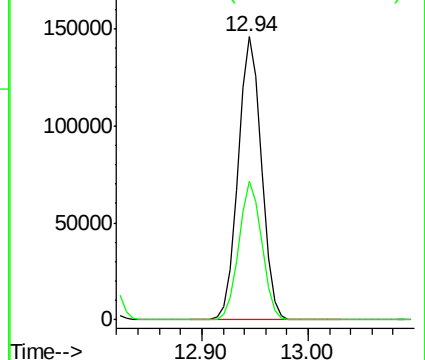
105 100

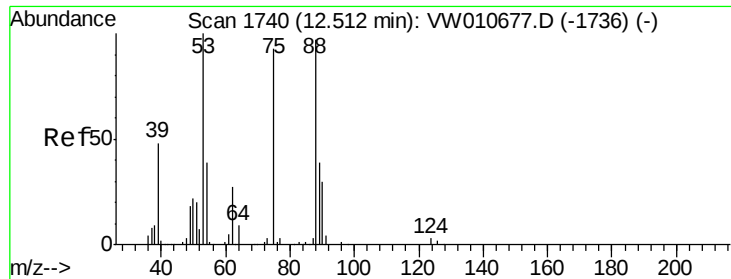
120 48.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

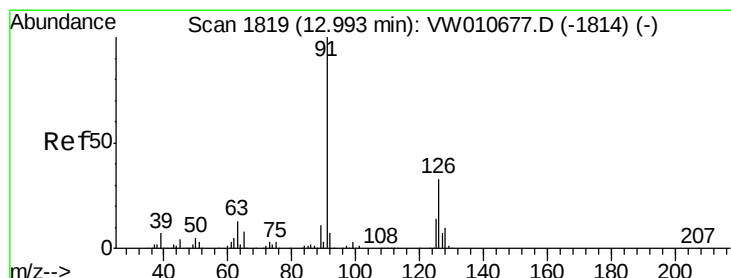
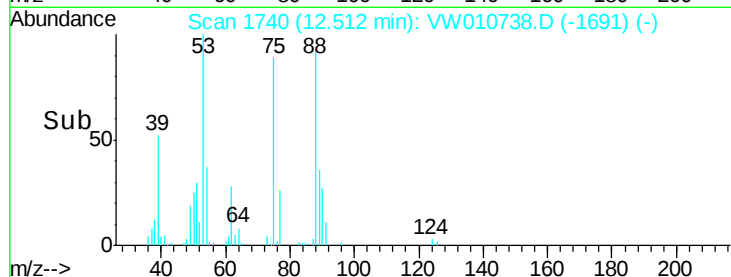
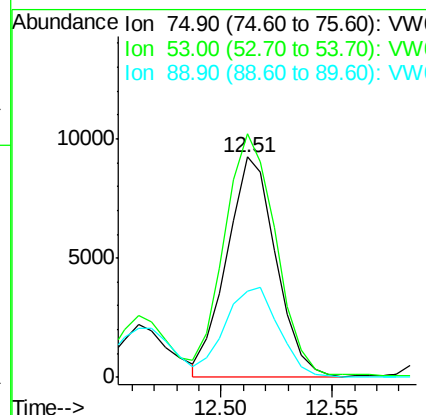
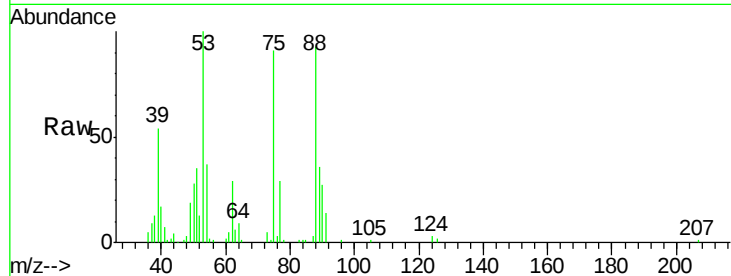




#81
trans-1,4-Dichloro-2-butene
Concen: 18.026 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

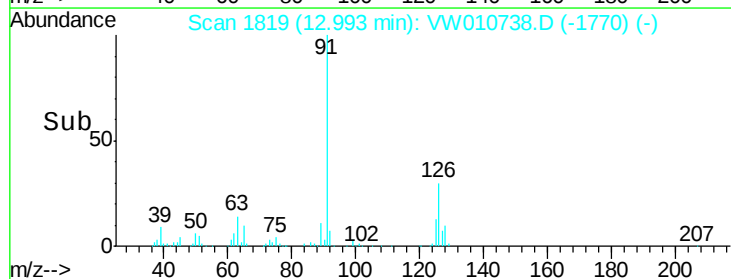
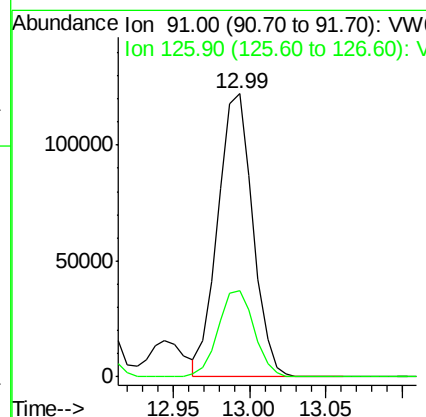
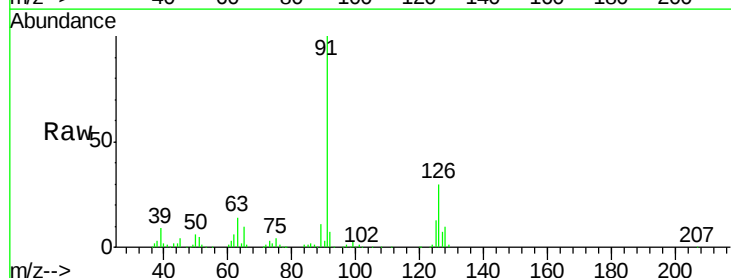
Instrument :
MSVOA_W
ClientSampleId :
VW0610SBS01

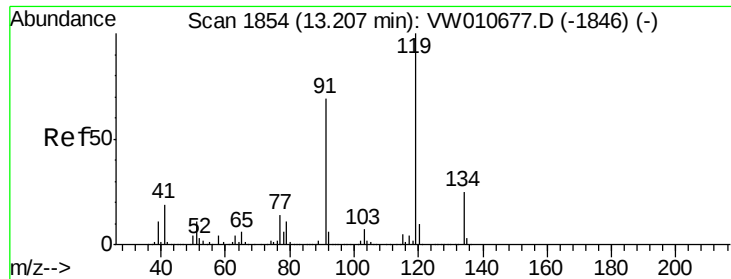
Tgt Ion: 75 Resp: 14247
Ion Ratio Lower Upper
75 100
53 116.5 90.1 135.1
89 44.6 34.6 52.0



#82
4-Chlorotoluene
Concen: 20.913 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Tgt Ion: 91 Resp: 193261
Ion Ratio Lower Upper
91 100
126 31.4 15.9 47.7

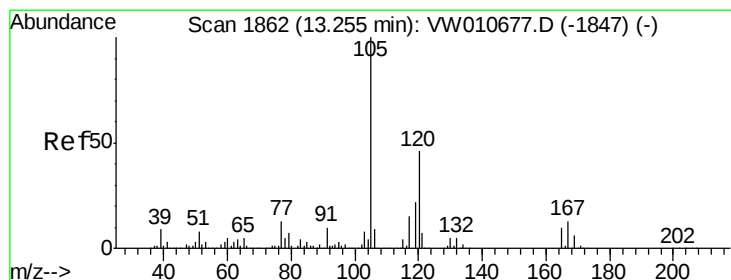
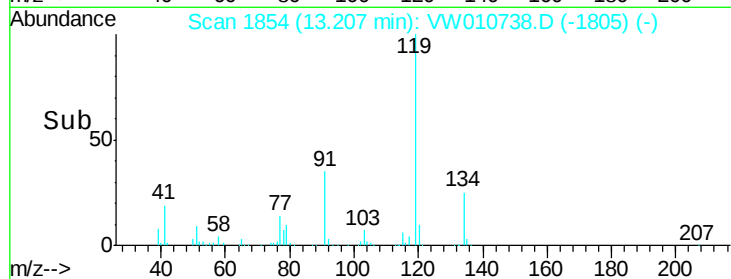
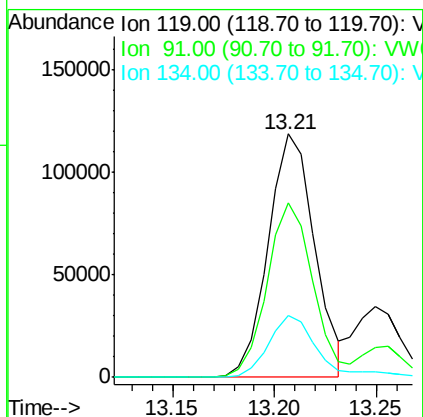
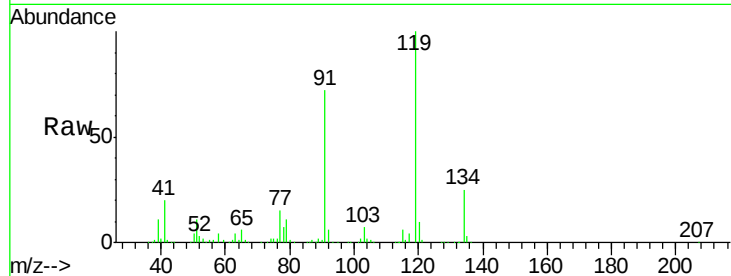




#83
 tert-Butylbenzene
 Concen: 20.914 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

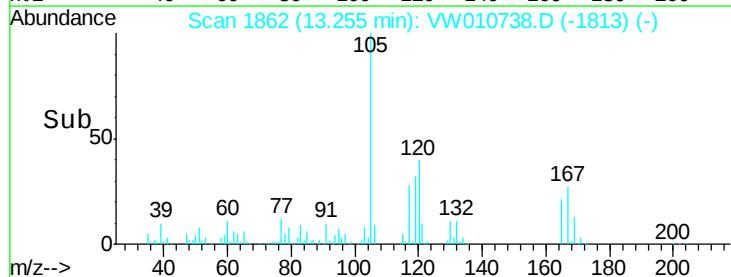
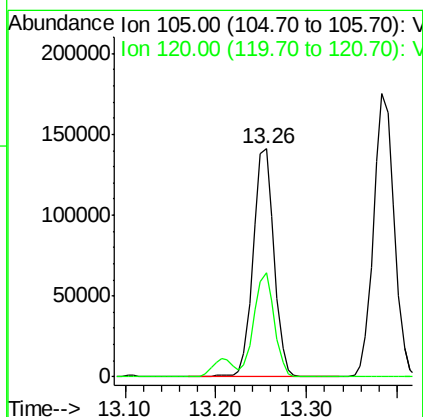
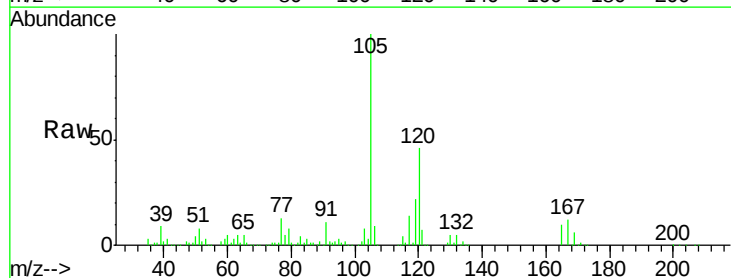
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBS01

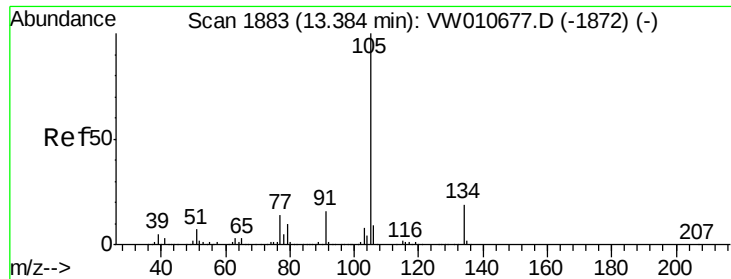
Tgt Ion:119 Resp: 188853
 Ion Ratio Lower Upper
 119 100
 91 71.5 35.1 105.3
 134 26.9 13.6 40.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.976 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

Tgt Ion:105 Resp: 224583
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.5 67.5





#85

sec-Butylbenzene

Concen: 20.925 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

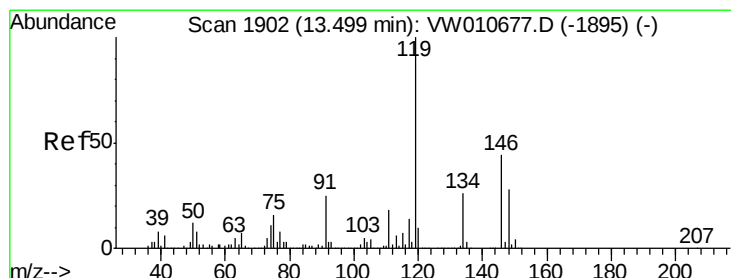
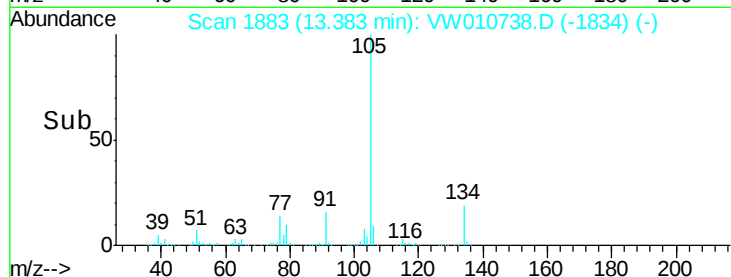
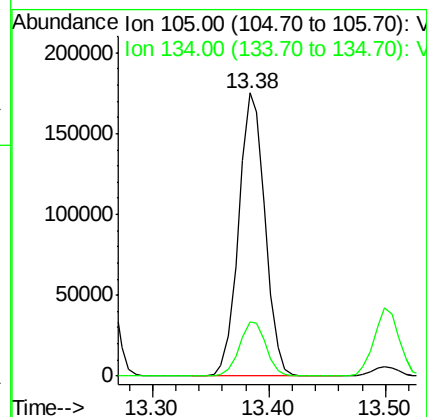
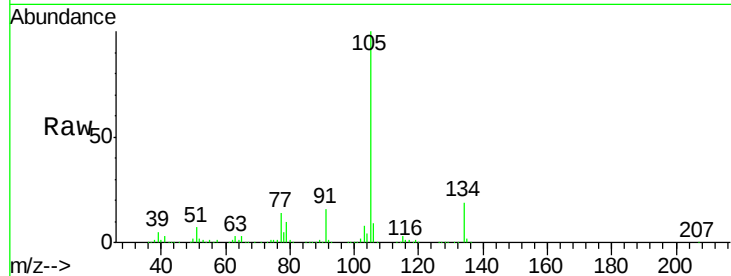
VW0610SBS01

Tgt Ion:105 Resp: 275101

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.936 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

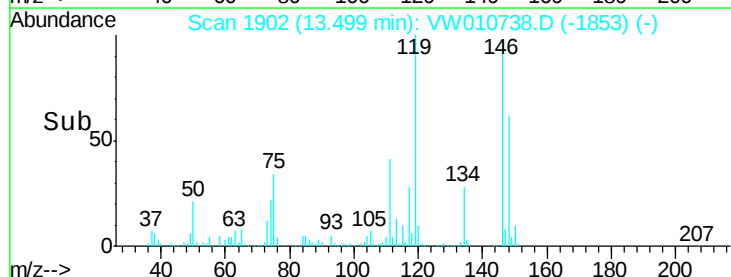
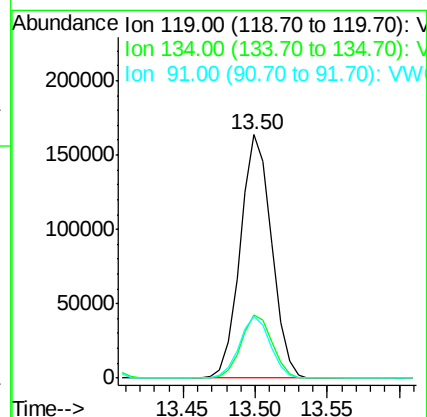
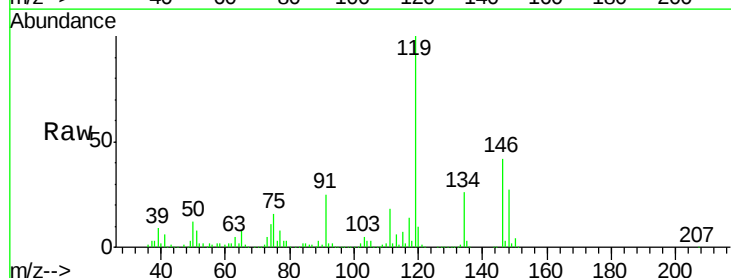
Tgt Ion:119 Resp: 246143

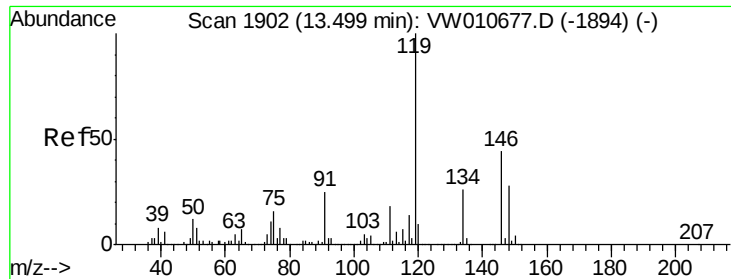
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 24.9 12.2 36.4

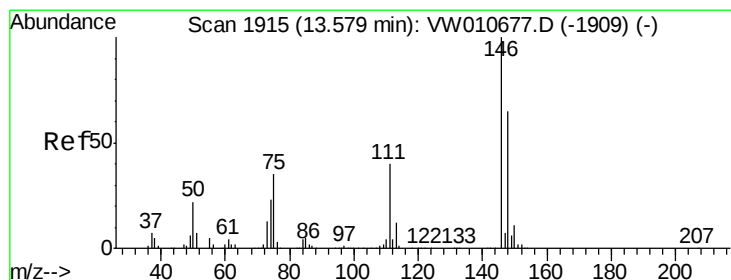
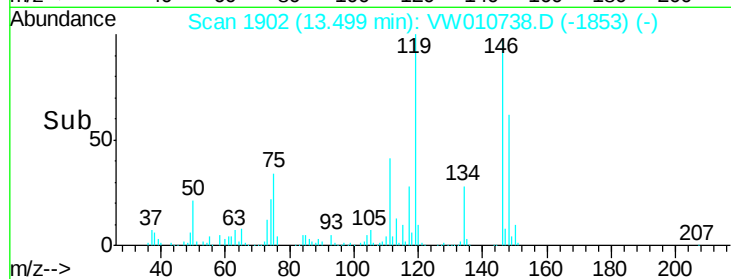
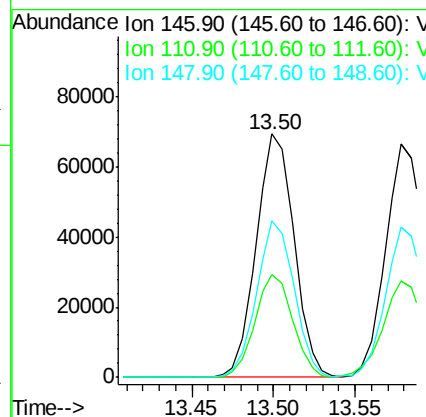
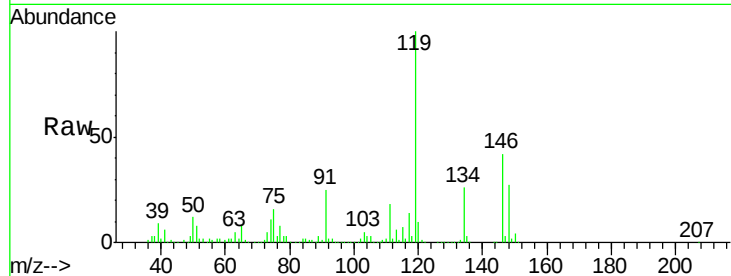




#87
 1,3-Dichlorobenzene
 Concen: 20.542 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

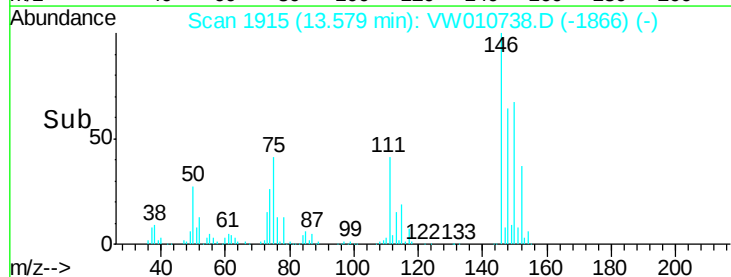
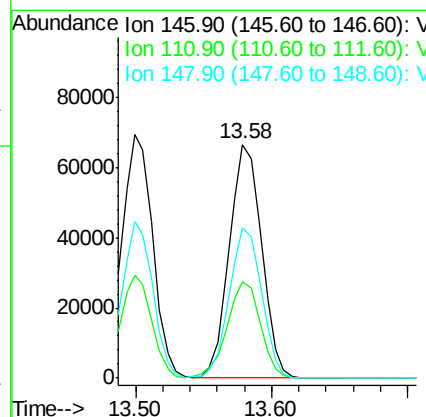
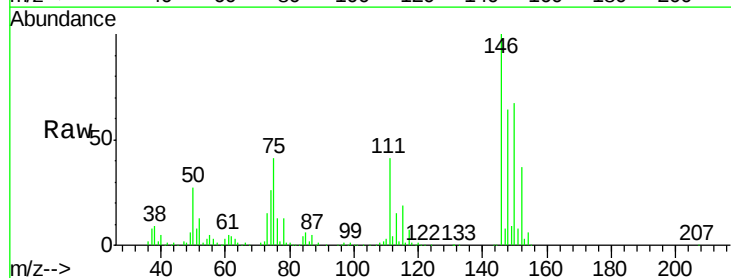
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBS01

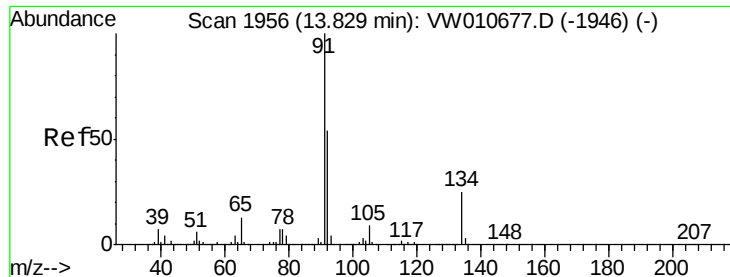
Tgt Ion:146 Resp: 112401
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.4 61.3
 148 63.4 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 20.349 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

Tgt Ion:146 Resp: 110390
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.3 60.9
 148 64.4 32.4 97.2





#89

n-Butylbenzene

Concen: 21.266 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010738.D

Acq: 10 Jun 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBS01

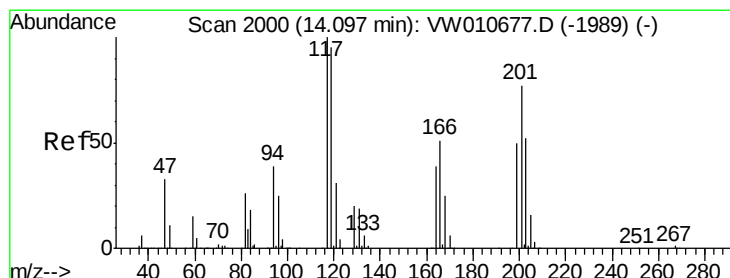
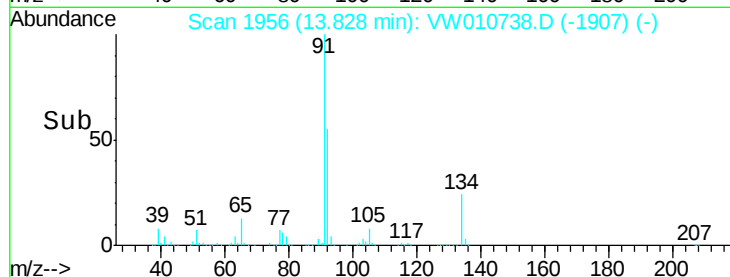
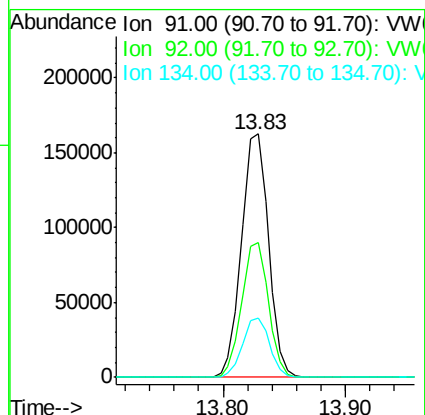
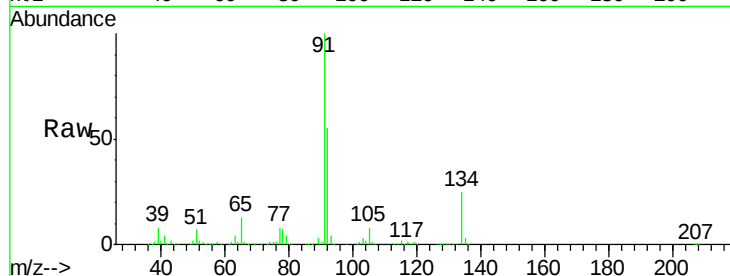
Tgt Ion: 91 Resp: 249459

Ion Ratio Lower Upper

91 100

92 54.8 27.3 81.8

134 24.3 12.3 36.9



#90

Hexachloroethane

Concen: 21.256 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010738.D

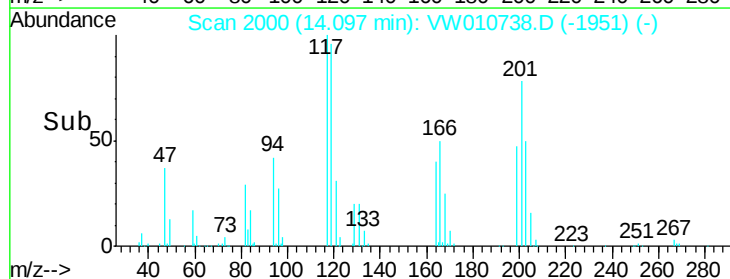
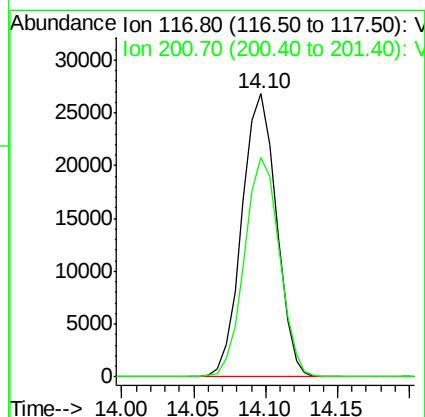
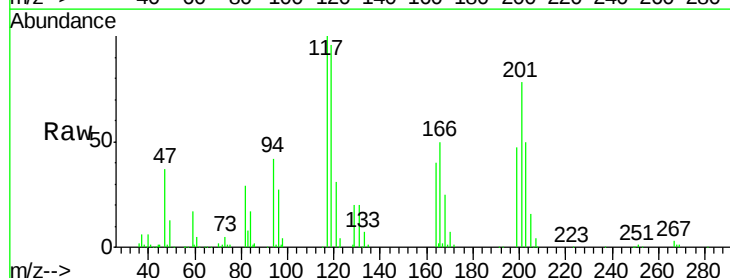
Acq: 10 Jun 2019 12:01

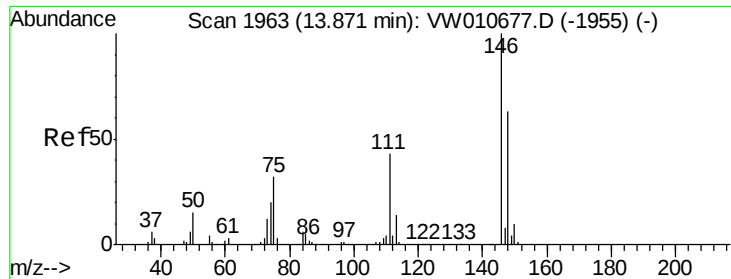
Tgt Ion: 117 Resp: 44754

Ion Ratio Lower Upper

117 100

201 77.9 38.8 116.4

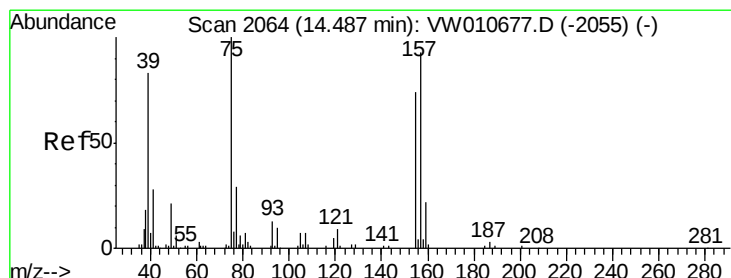
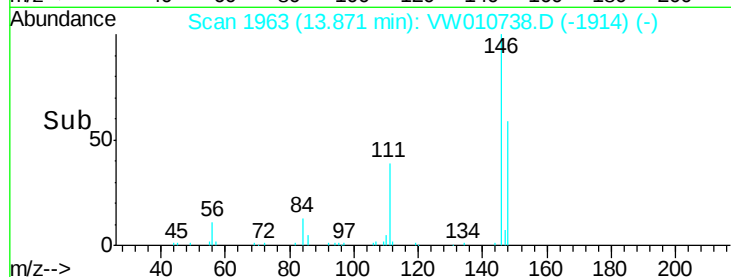
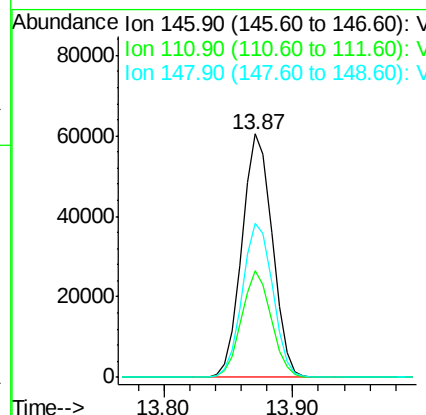
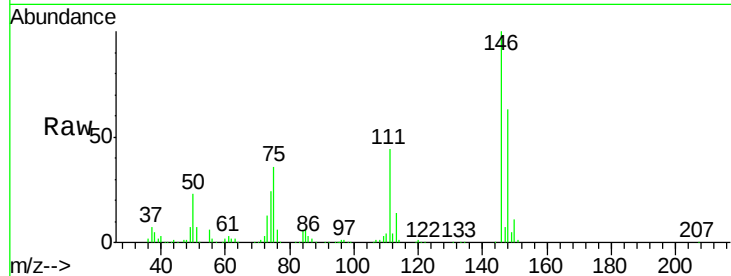




#91
 1,2-Dichlorobenzene
 Concen: 20.073 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

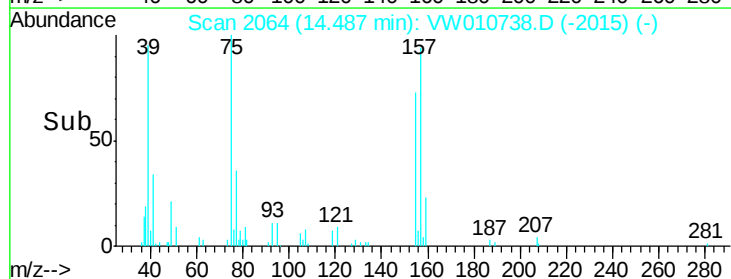
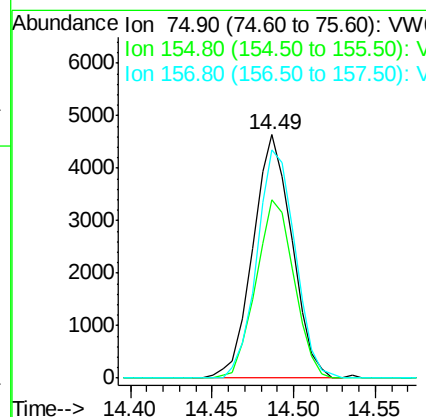
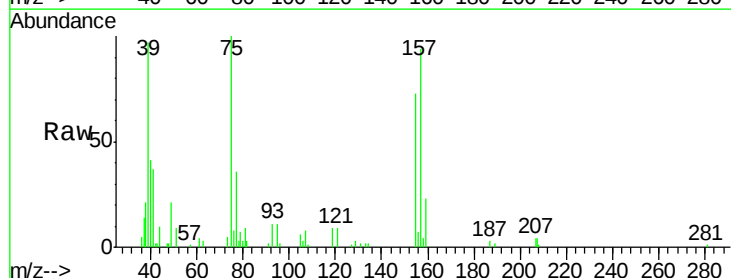
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBS01

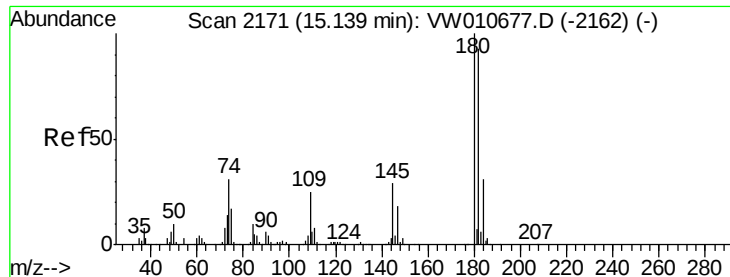
Tgt Ion:146 Resp: 98774
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.5 64.5
 148 63.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.169 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

Tgt Ion: 75 Resp: 7721
 Ion Ratio Lower Upper
 75 100
 155 71.3 38.8 116.4
 157 92.1 48.4 145.0

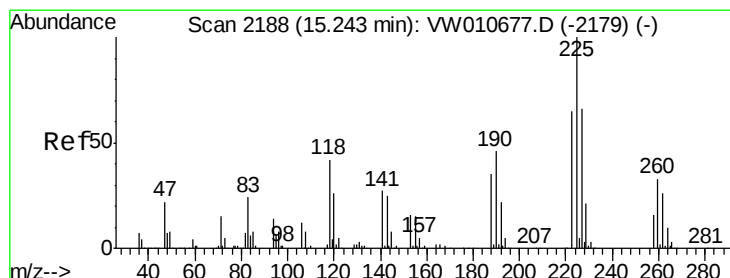
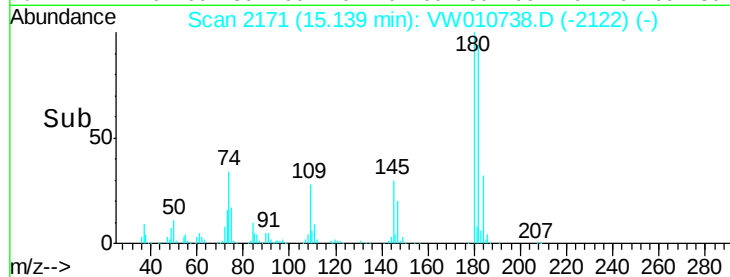
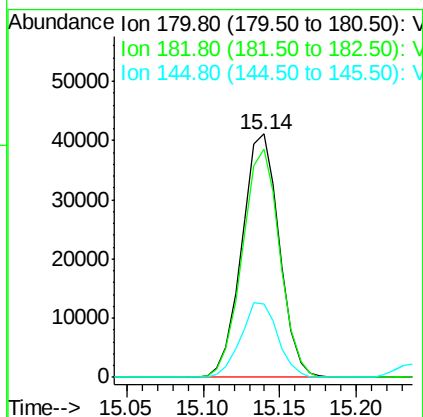
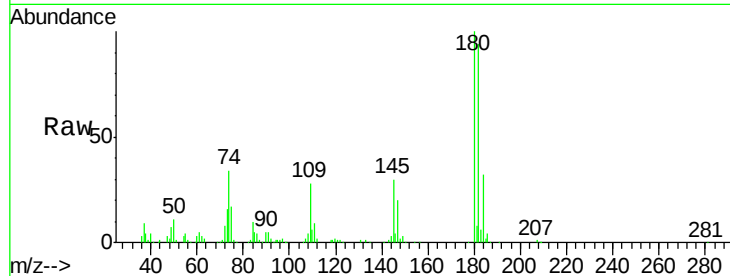




#93
 1,2,4-Trichlorobenzene
 Concen: 20.213 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

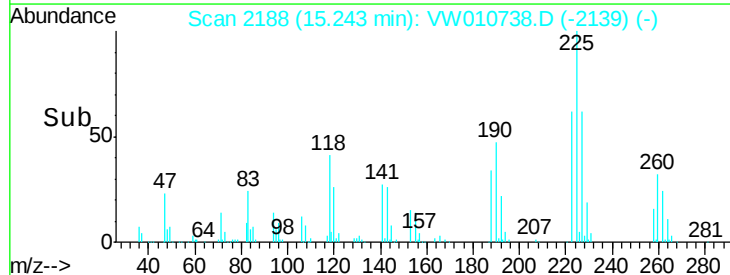
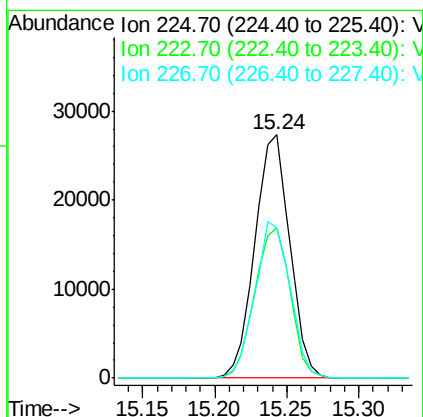
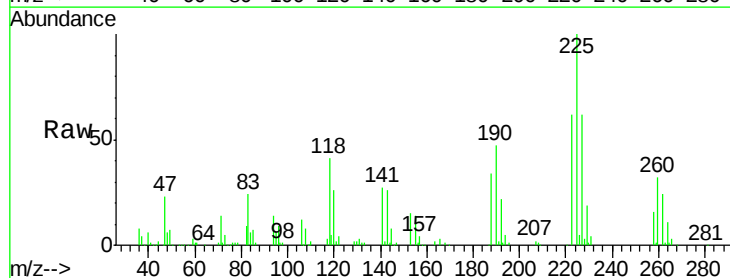
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBS01

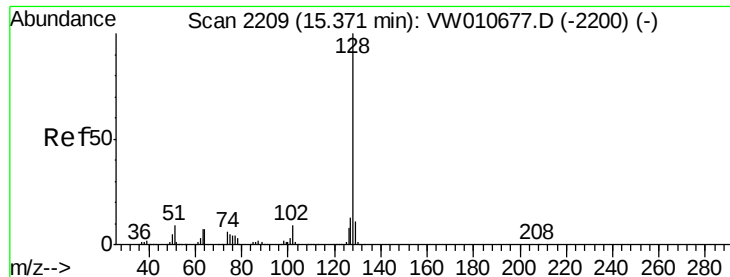
Tgt Ion:180 Resp: 69801
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.1 141.4
 145 30.4 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 21.059 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010738.D
 Acq: 10 Jun 2019 12:01

Tgt Ion:225 Resp: 45640
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.2 96.6
 227 64.8 32.0 96.0

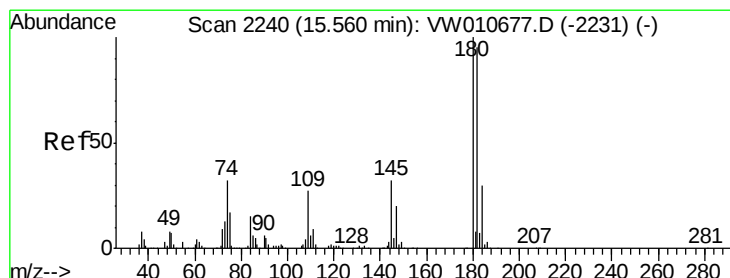
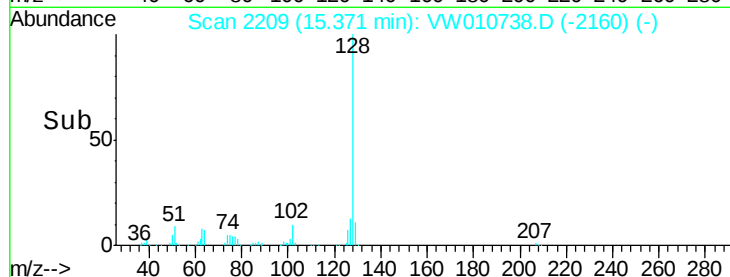
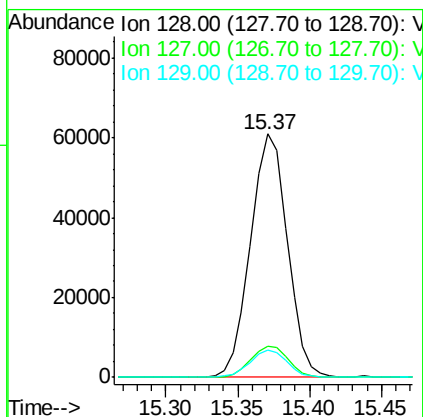
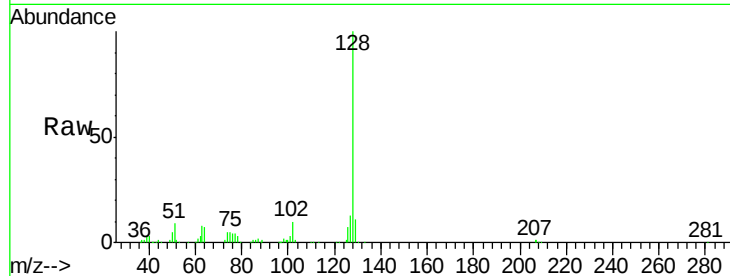




#95
Naphthalene
Concen: 17.250 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBS01

Tgt Ion:128 Resp: 108226
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.418 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010738.D
Acq: 10 Jun 2019 12:01

Tgt Ion:180 Resp: 57026
Ion Ratio Lower Upper
180 100
182 96.4 47.0 141.0
145 32.6 16.1 48.3

