

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060419\
 Data File : VW010680.D
 Acq On : 04 Jun 2019 18:04
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW060419

Quant Time: Jun 05 03:31:43 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	255163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	412033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	179335	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	160638	53.41	ug/l	0.00
Spiked Amount			Recovery	=	106.82%	
35) Dibromofluoromethane	7.88	113	127569	57.04	ug/l	0.00
Spiked Amount			Recovery	=	114.08%	
50) Toluene-d8	10.32	98	532248	54.27	ug/l	0.00
Spiked Amount			Recovery	=	108.54%	
62) 4-Bromofluorobenzene	12.62	95	193804	54.31	ug/l	0.00
Spiked Amount			Recovery	=	108.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	121504	51.529	ug/l	99
3) Chloromethane	2.21	50	187281	53.984	ug/l	100
4) Vinyl Chloride	2.35	62	171445	53.489	ug/l	98
5) Bromomethane	2.75	94	95210	54.092	ug/l	98
6) Chloroethane	2.91	64	106669	55.443	ug/l	98
7) Trichlorofluoromethane	3.25	101	228257	54.860	ug/l	100
8) Diethyl Ether	3.68	74	81523	54.828	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	139765	54.638	ug/l	98
10) Methyl Iodide	4.27	142	149462	56.074	ug/l	99
11) Tert butyl alcohol	5.17	59	67872	277.010	ug/l	99
12) 1,1-Dichloroethene	4.04	96	135593	54.949	ug/l	97
13) Acrolein	3.90	56	24886	248.557	ug/l	98
14) Allyl chloride	4.67	41	308505	56.701	ug/l	100
15) Acrylonitrile	5.37	53	202454	280.268	ug/l	99
16) Acetone	4.12	43	229878	285.257	ug/l	100
17) Carbon Disulfide	4.38	76	443059	56.561	ug/l	100
18) Methyl Acetate	4.67	43	93816	54.082	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	394465	55.426	ug/l	97
20) Methylene Chloride	4.92	84	153034	54.132	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	154785	55.256	ug/l	98
22) Diisopropyl ether	6.31	45	614280	56.393	ug/l	99
23) Vinyl Acetate	6.26	43	1864677	283.654	ug/l	100
24) 1,1-Dichloroethane	6.21	63	305434	55.952	ug/l	98
25) 2-Butanone	7.17	43	316078	282.859	ug/l	100
26) 2,2-Dichloropropane	7.17	77	250536	56.401	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	171842	55.743	ug/l	99
28) Bromochloromethane	7.51	49	137178	56.309	ug/l	100
29) Tetrahydrofuran	7.53	42	192723	274.198	ug/l	99
30) Chloroform	7.68	83	280201	56.118	ug/l	97
31) Cyclohexane	7.95	56	319113	52.588	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	244276	56.006	ug/l	99
36) 1,1-Dichloropropene	8.08	75	237486	56.308	ug/l	100
37) Ethyl Acetate	7.25	43	128112	54.815	ug/l	99
38) Carbon Tetrachloride	8.07	117	206994	56.853	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	301432	56.221	ug/l	98
40) Benzene	8.32	78	647882	56.309	ug/l	100
41) Methacrylonitrile	7.48	41	77825	56.021	ug/l	96
42) 1,2-Dichloroethane	8.40	62	206508	56.550	ug/l	100
43) Isopropyl Acetate	8.43	43	258109	57.164	ug/l	100
44) Trichloroethene	9.09	130	158925	55.994	ug/l	100
45) 1,2-Dichloropropane	9.37	63	173715	57.035	ug/l	98
46) Dibromomethane	9.46	93	79947	56.512	ug/l	99
47) Bromodichloromethane	9.65	83	211760	57.746	ug/l	99
48) Methyl methacrylate	9.43	41	123671	56.808	ug/l	98
49) 1,4-Dioxane	9.45	88	25858	1169.098	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	654523	283.747	ug/l	100
52) Toluene	10.39	92	398496	56.290	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	227555	58.585	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	266899	58.395	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	114367	56.118	ug/l	99
56) Ethyl methacrylate	10.65	69	181160	57.769	ug/l	98
57) 1,3-Dichloropropane	10.93	76	218010	56.763	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	445873	271.455	ug/l	99
59) 2-Hexanone	10.97	43	481044	288.549	ug/l	100
60) Dibromochloromethane	11.13	129	132202	58.518	ug/l	100
61) 1,2-Dibromoethane	11.24	107	108243	56.057	ug/l	99
64) Tetrachloroethene	10.87	164	135420	55.289	ug/l	99
65) Chlorobenzene	11.66	112	401731	55.379	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	144073	57.373	ug/l	100
67) Ethyl Benzene	11.73	91	778827	55.863	ug/l	99
68) m/p-Xylenes	11.84	106	565222	113.254	ug/l	100
69) o-Xylene	12.17	106	266688	56.343	ug/l	99
70) Styrene	12.18	104	469937	57.153	ug/l	100
71) Bromoform	12.35	173	74598	57.439	ug/l #	99
73) Isopropylbenzene	12.47	105	742599	55.104	ug/l	100
74) N-amyl acetate	12.27	43	247841	56.905	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	139838	54.506	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	188567	100.128	ug/l #	100
77) Bromobenzene	12.75	156	163151	55.462	ug/l	99
78) n-propylbenzene	12.80	91	903801	55.619	ug/l	100
79) 2-Chlorotoluene	12.90	91	511826	55.131	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	617360	55.968	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	47931	58.495	ug/l	96
82) 4-Chlorotoluene	12.99	91	532706	55.603	ug/l	100
83) tert-Butylbenzene	13.21	119	518428	55.379	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	628279	56.602	ug/l	100
85) sec-Butylbenzene	13.38	105	758570	55.655	ug/l	100
86) p-Isopropyltoluene	13.50	119	685681	56.256	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	316207	55.740	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	310290	55.172	ug/l	100
89) n-Butylbenzene	13.83	91	693057	56.989	ug/l	100
90) Hexachloroethane	14.10	117	123708	56.674	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	281379	55.155	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25521	57.929	ug/l	98

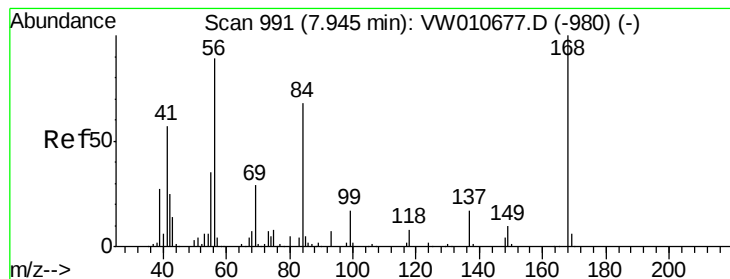
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	208735	58.305	ug/l	98
94) Hexachlorobutadiene	15.24	225	127805	56.881	ug/l	100
95) Naphthalene	15.37	128	378889	58.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	178961	58.779	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

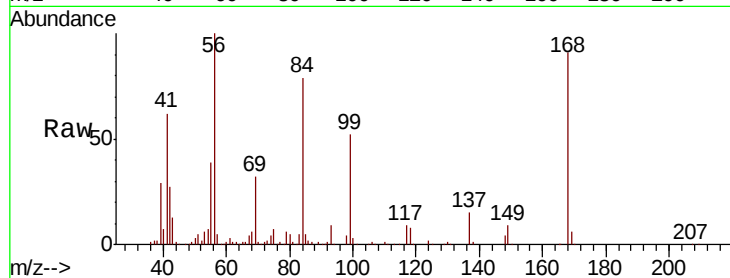
ICVW060419

Tot Ion:168 Resp: 255163

Ion Ratio Lower Upper

168 100

99 57.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

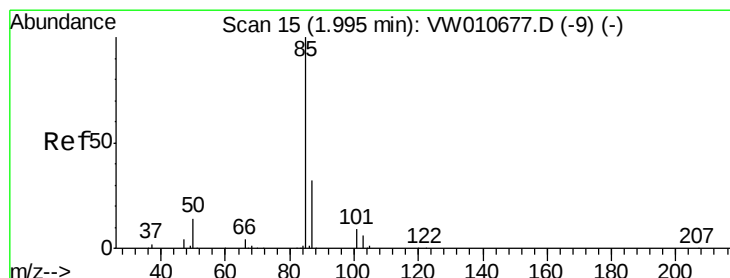
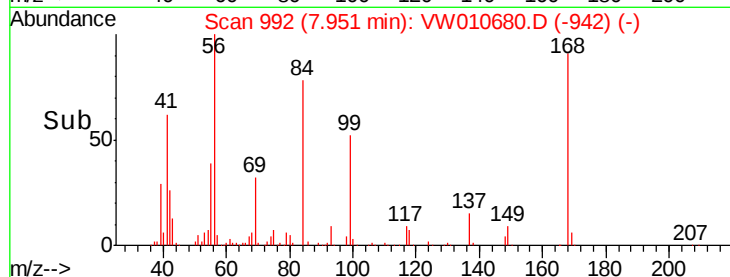
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 51.529 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010680.D

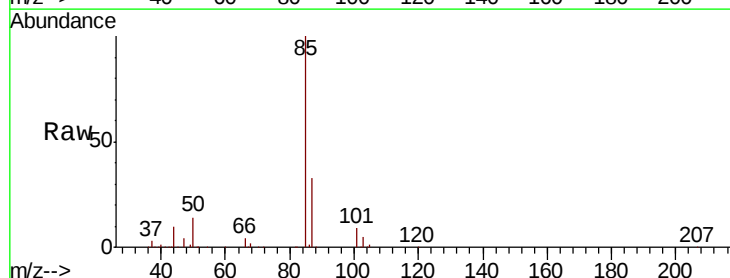
Acq: 04 Jun 2019 18:04

Tgt Ion: 85 Resp: 121504

Ion Ratio Lower Upper

85 100

87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

60000

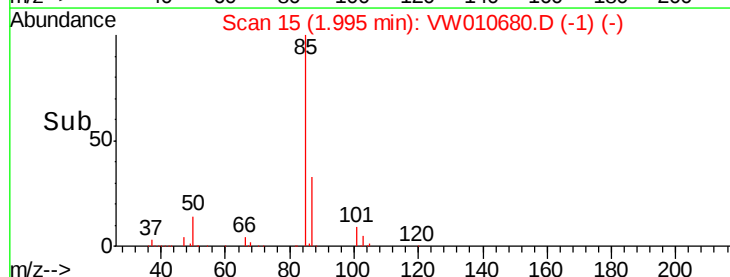
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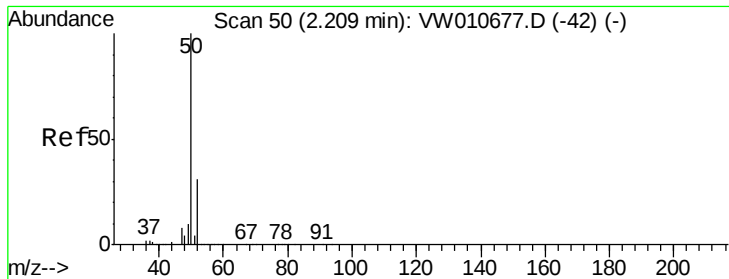
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 53.984 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

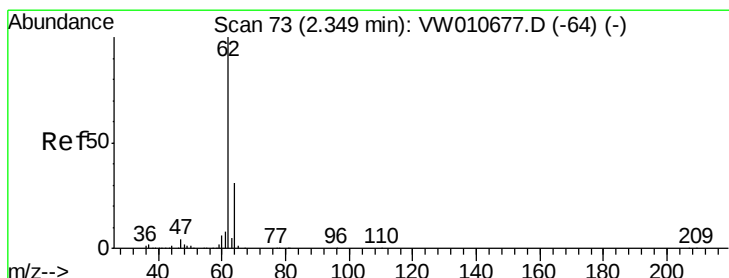
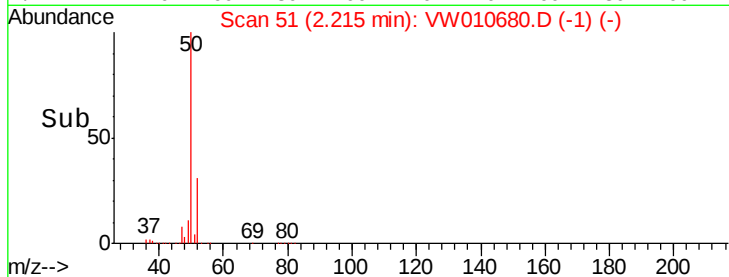
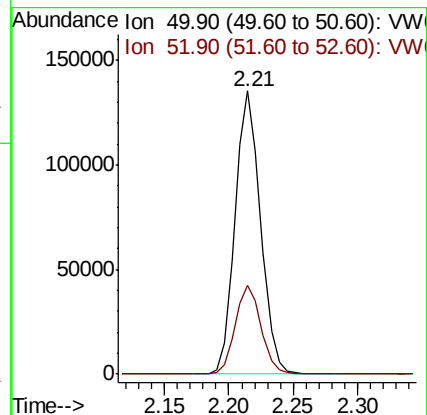
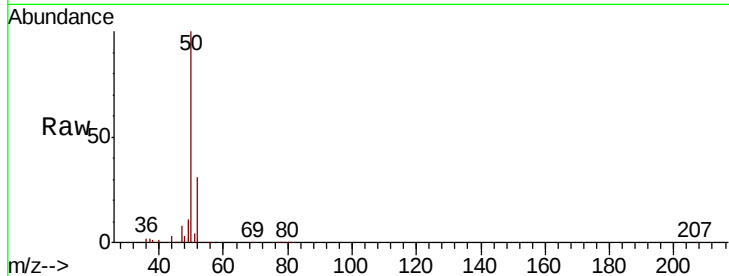
ICVW060419

Tot Ion: 50 Resp: 187281

Ion Ratio Lower Upper

50 100

52 31.4 25.2 37.8



#4

Vinyl Chloride

Concen: 53.489 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010680.D

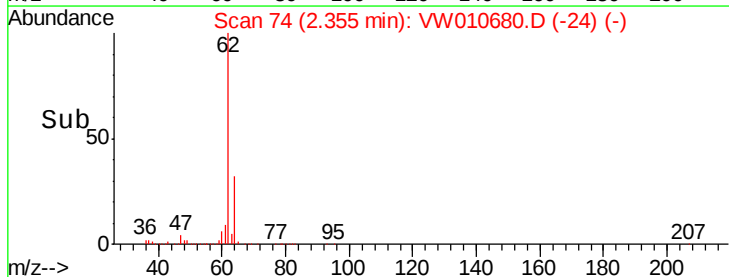
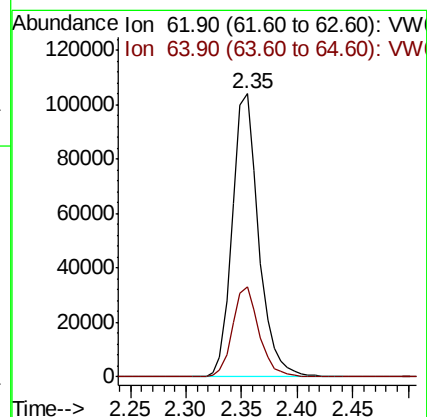
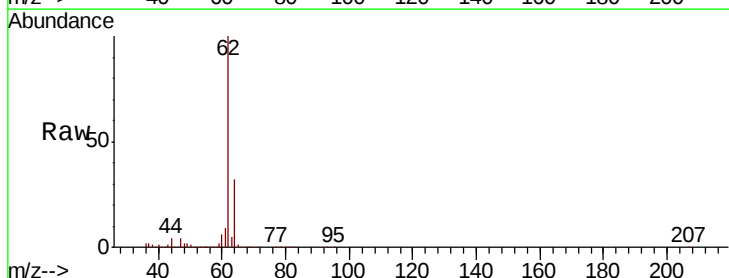
Acq: 04 Jun 2019 18:04

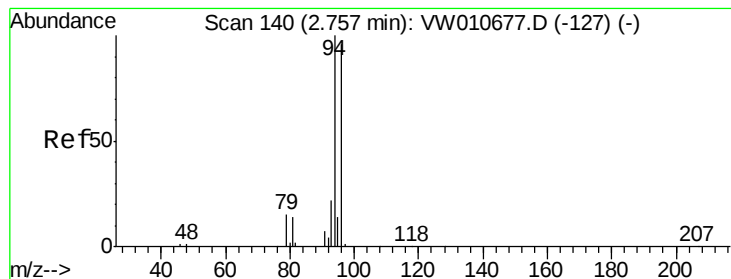
Tgt Ion: 62 Resp: 171445

Ion Ratio Lower Upper

62 100

64 31.9 24.5 36.7





#5

Bromomethane

Concen: 54.092 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

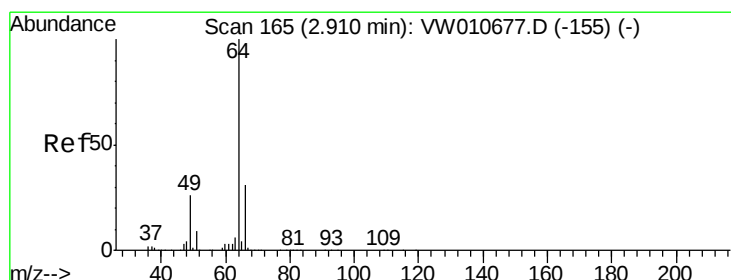
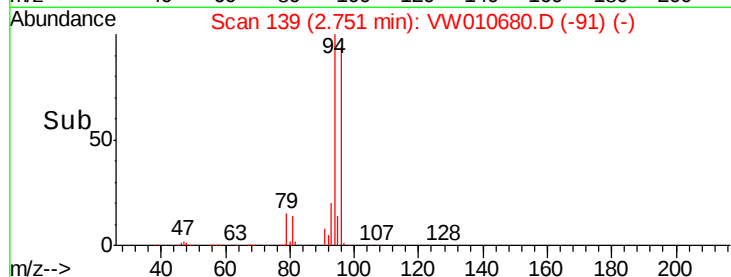
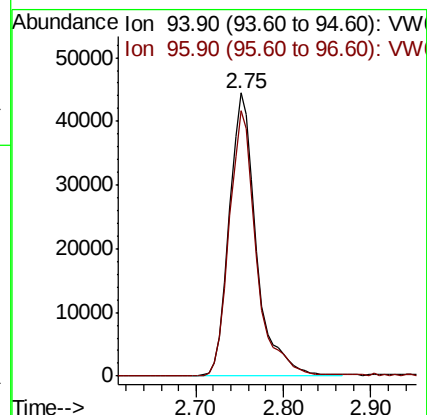
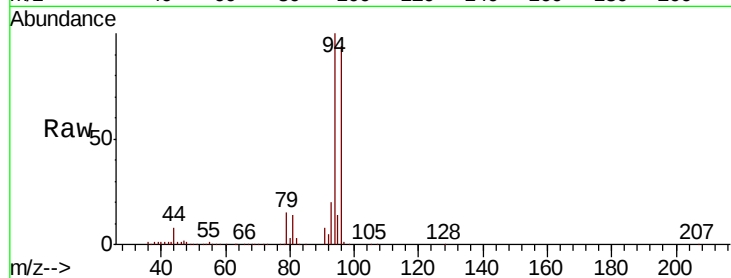
ICVW060419

Tot Ion: 94 Resp: 95210

Ion Ratio Lower Upper

94 100

96 93.6 76.5 114.7



#6

Chloroethane

Concen: 55.443 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010680.D

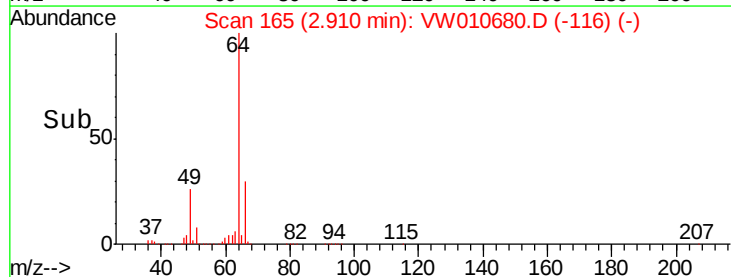
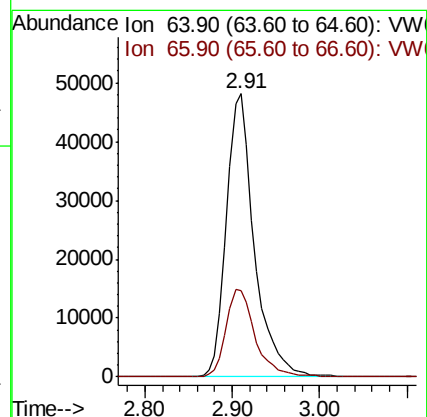
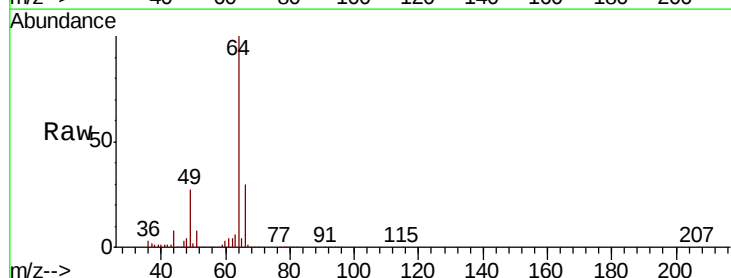
Acq: 04 Jun 2019 18:04

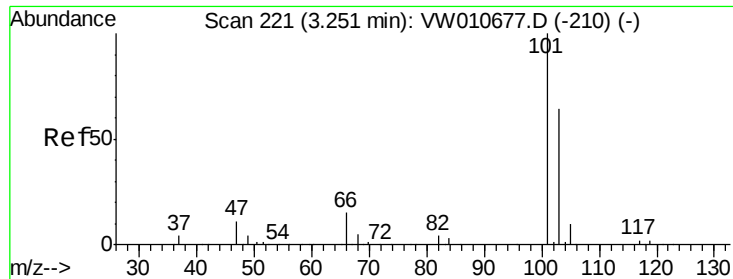
Tgt Ion: 64 Resp: 106669

Ion Ratio Lower Upper

64 100

66 30.2 25.1 37.7



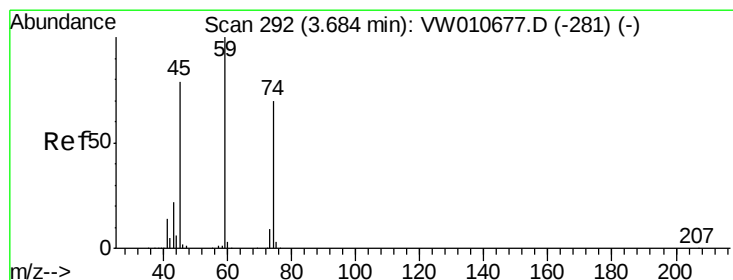
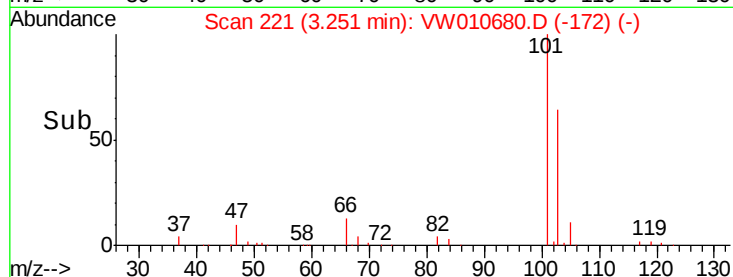
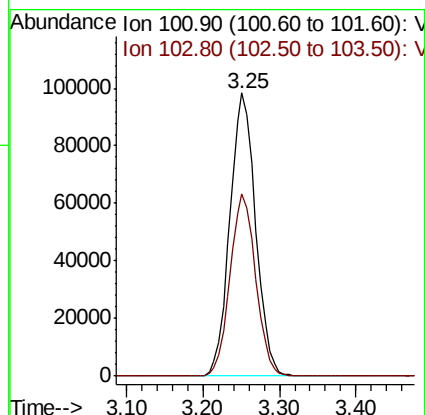
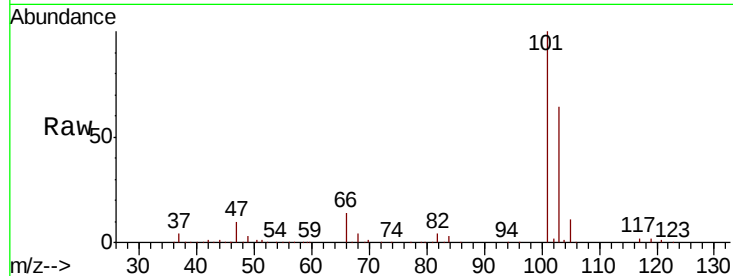


#7

Trichlorofluoromethane
 Concen: 54.860 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Instrument :
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 ICVVW060419

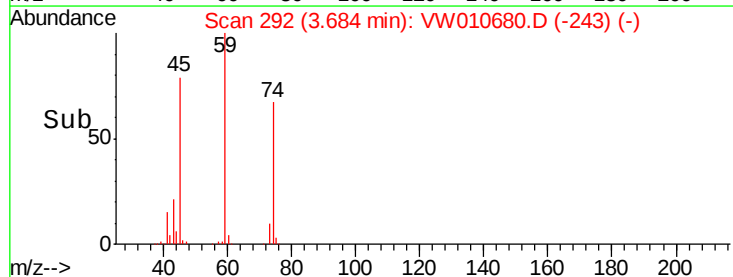
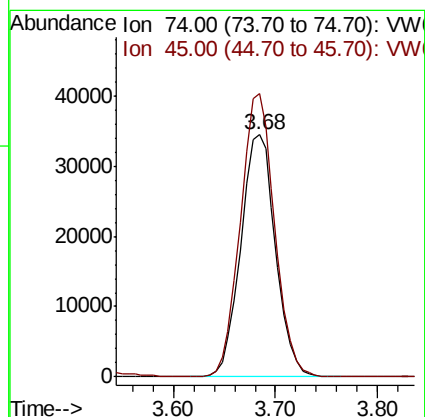
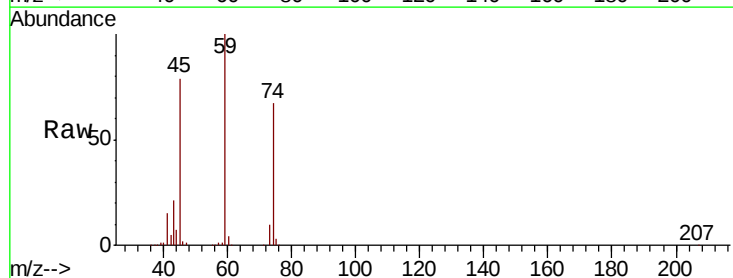
Tot Ion:101 Resp: 228257
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.2 76.8

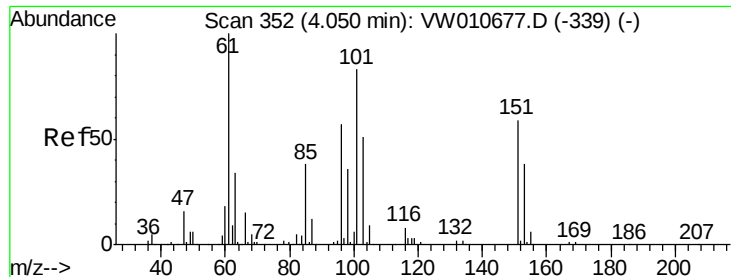


#8

Diethyl Ether
 Concen: 54.828 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion: 74 Resp: 81523
 Ion Ratio Lower Upper
 74 100
 45 114.9 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.638 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

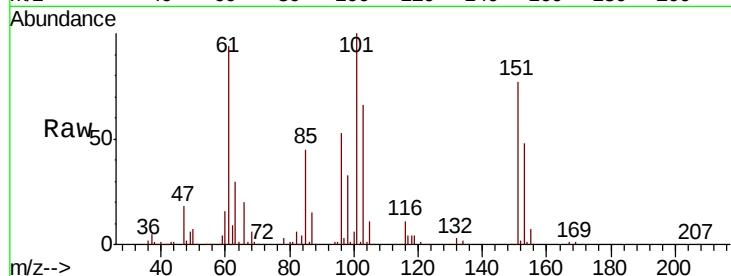
Tot Ion:101 Resp: 139765

Ion Ratio Lower Upper

101 100

85 45.3 35.8 53.8

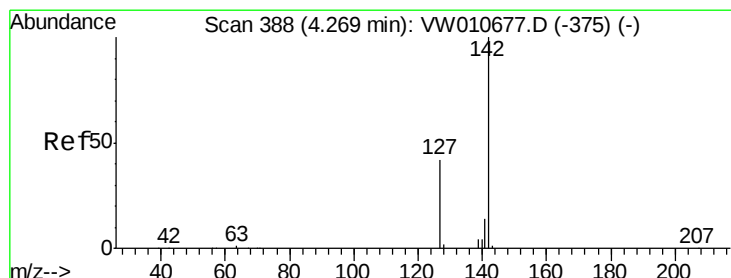
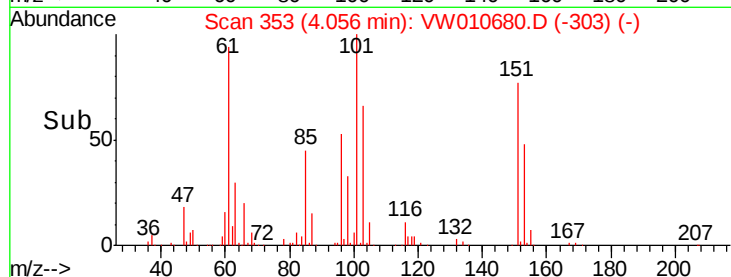
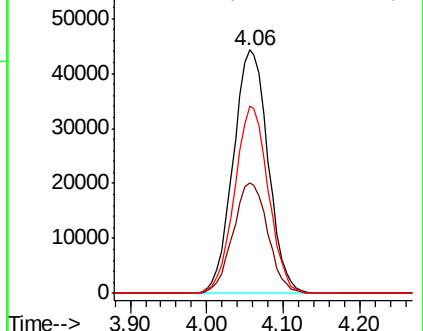
151 74.7 58.1 87.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.074 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

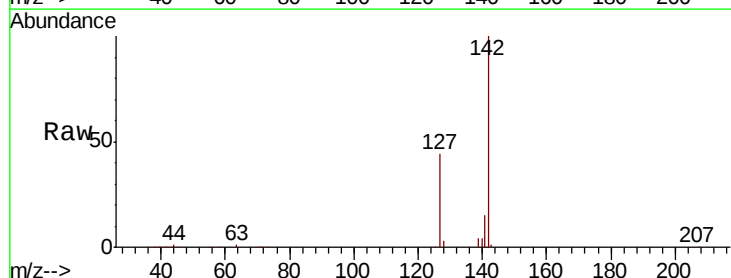
Tgt Ion:142 Resp: 149462

Ion Ratio Lower Upper

142 100

127 43.7 34.6 51.8

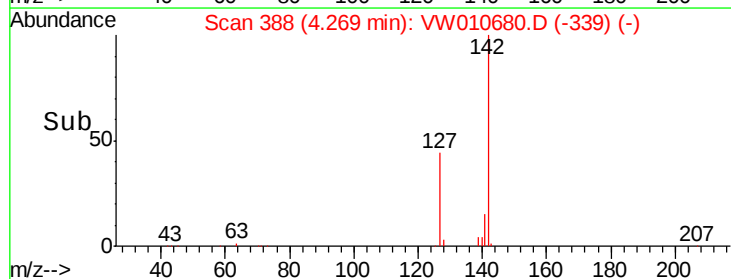
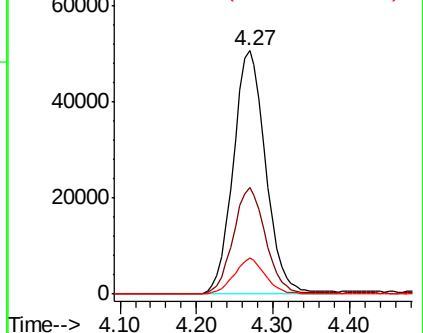
141 14.1 11.6 17.4

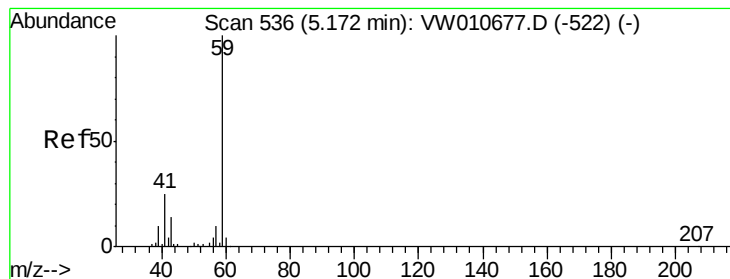


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



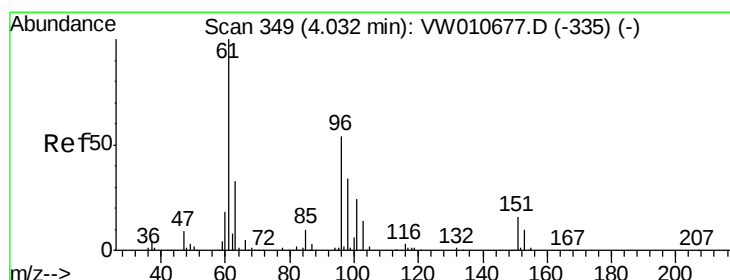
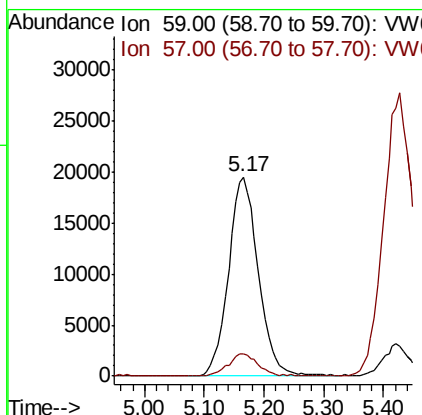
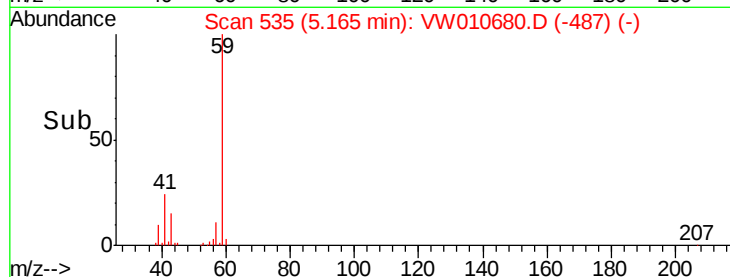
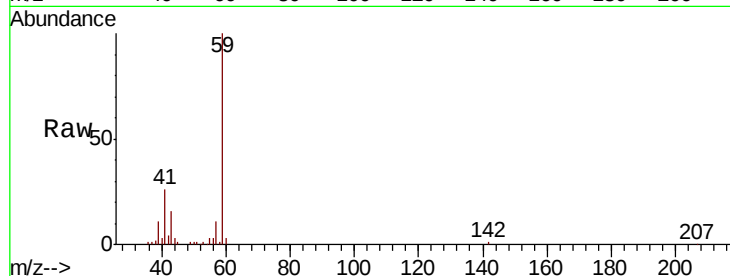


#11

Tert butyl alcohol
Concen: 277.010 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

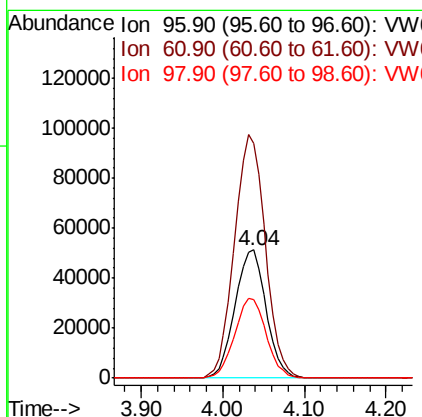
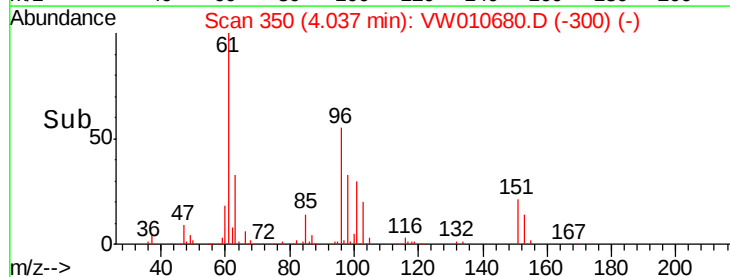
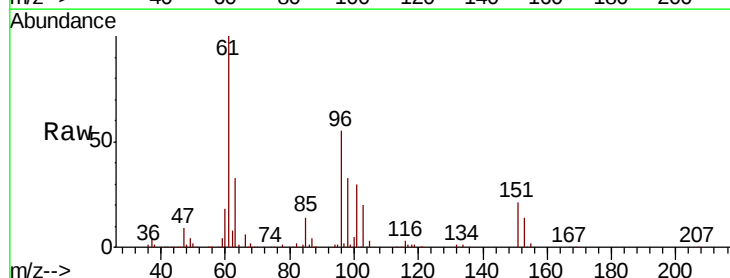
Tot Ion: 59 Resp: 67872
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

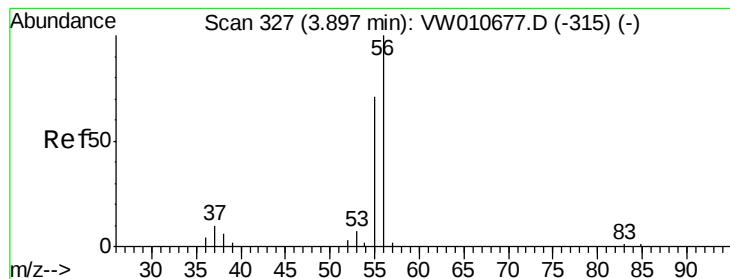


#12

1,1-Dichloroethene
Concen: 54.949 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion: 96 Resp: 135593
Ion Ratio Lower Upper
96 100
61 182.8 149.1 223.7
98 61.0 51.1 76.7





#13

Acrolein

Concen: 248.557 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

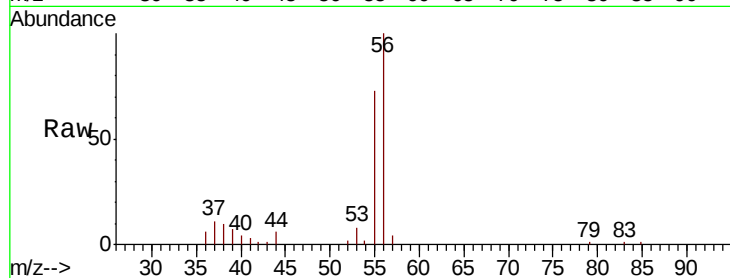
ICVW060419

Tot Ion: 56 Resp: 24886

Ion Ratio Lower Upper

56 100

55 70.0 57.6 86.4



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

10000

8000

6000

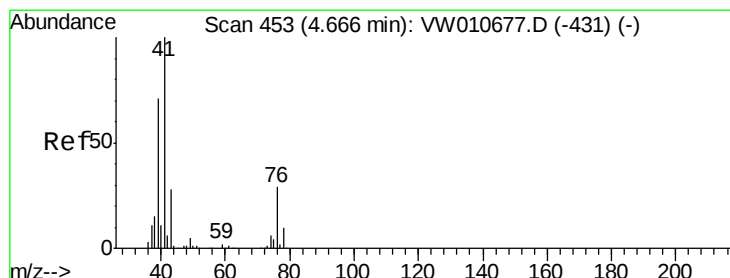
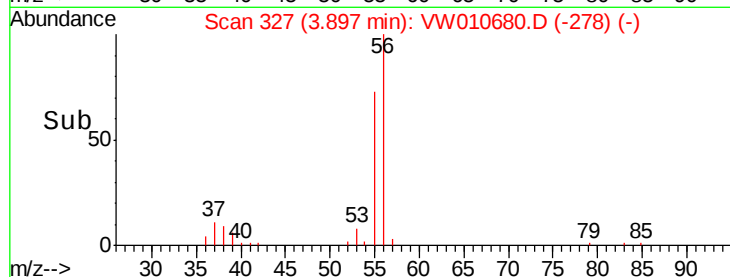
4000

2000

0

Time-->

3.80 3.90 4.00



#14

Allyl chloride

Concen: 56.701 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

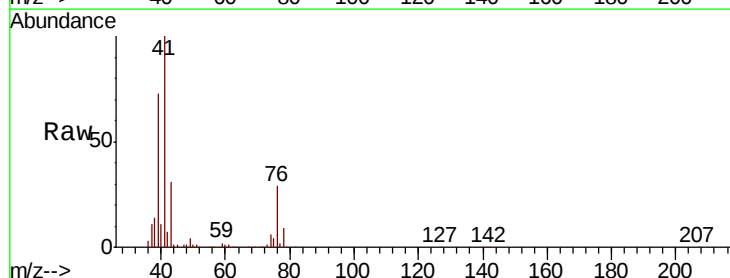
Tgt Ion: 41 Resp: 308505

Ion Ratio Lower Upper

41 100

39 69.9 55.8 83.6

76 28.6 22.7 34.1



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

4.67

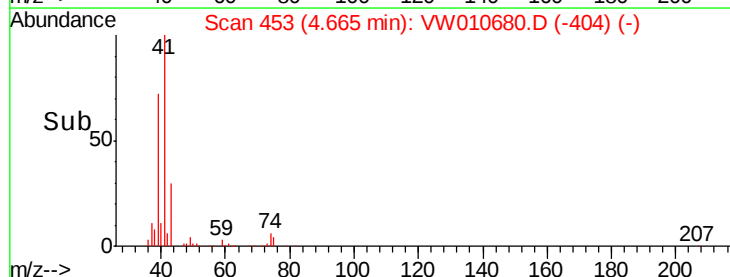
100000

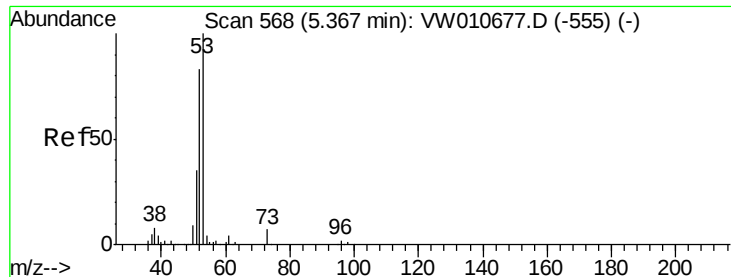
50000

0

Time-->

4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 280.268 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

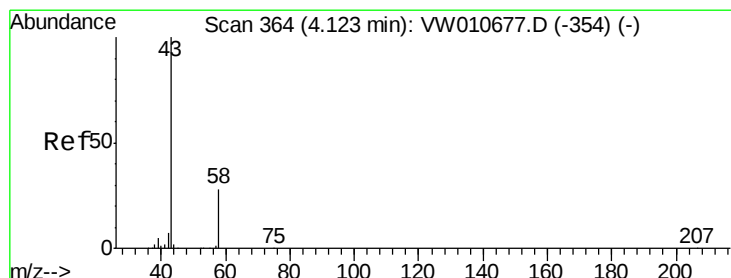
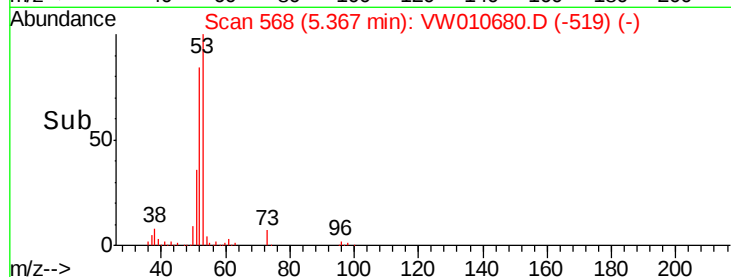
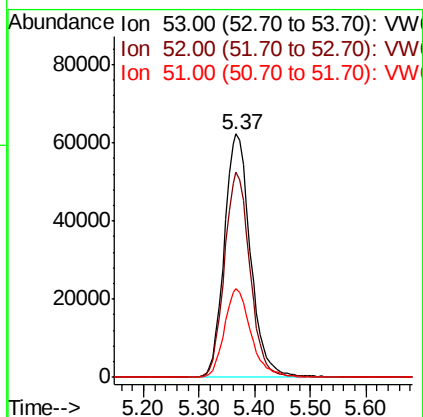
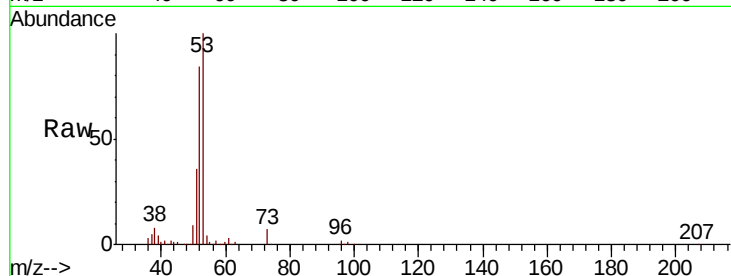
Tot Ion: 53 Resp: 202454

Ion Ratio Lower Upper

53 100

52 82.0 66.6 100.0

51 37.0 29.8 44.8



#16

Acetone

Concen: 285.257 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010680.D

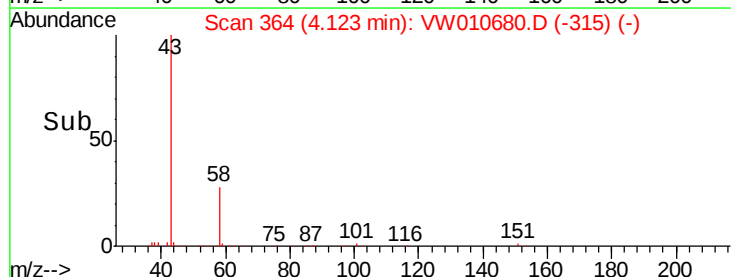
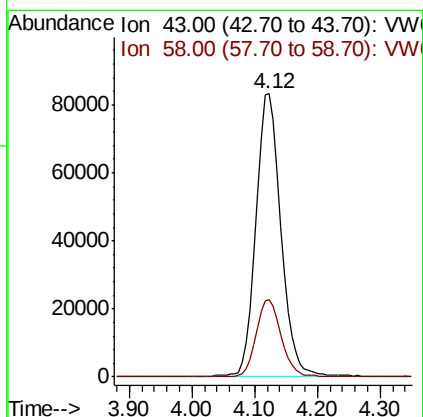
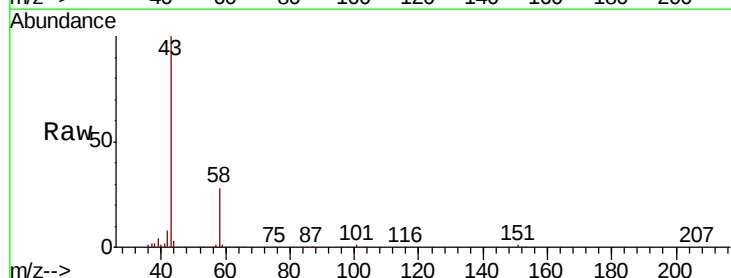
Acq: 04 Jun 2019 18:04

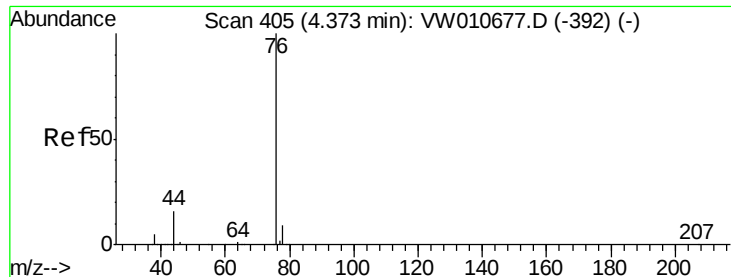
Tgt Ion: 43 Resp: 229878

Ion Ratio Lower Upper

43 100

58 27.4 22.1 33.1

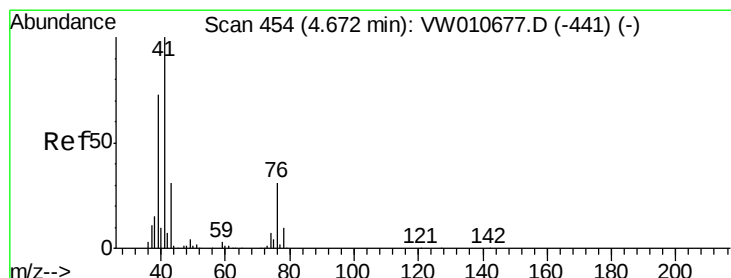
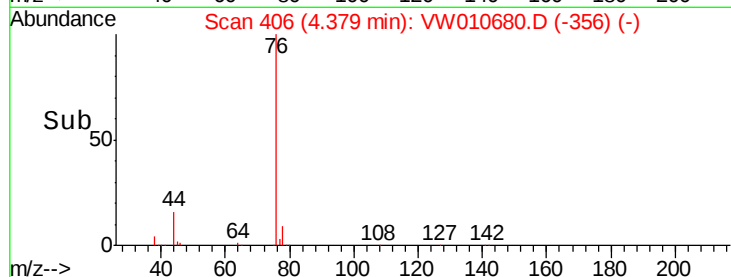
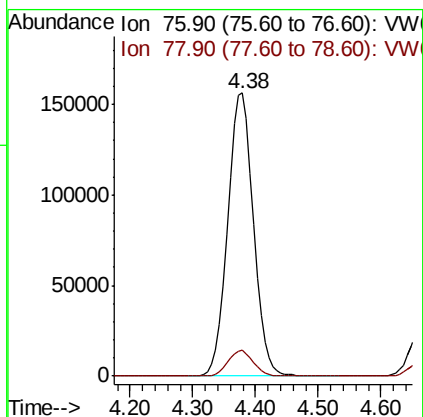
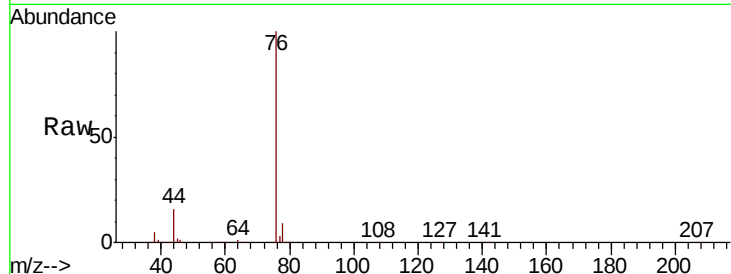




#17
Carbon Disulfide
Concen: 56.561 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

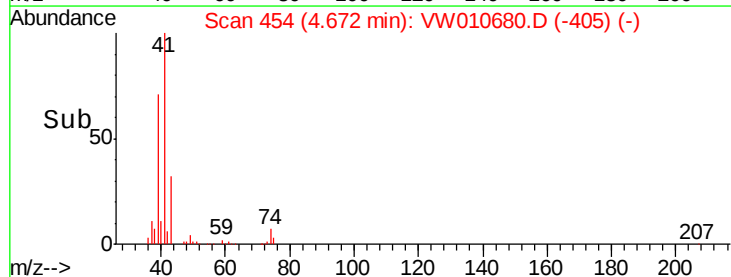
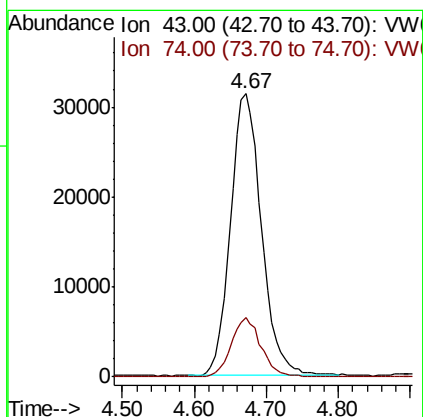
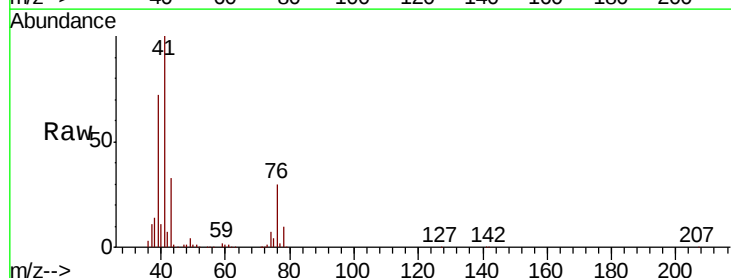
Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

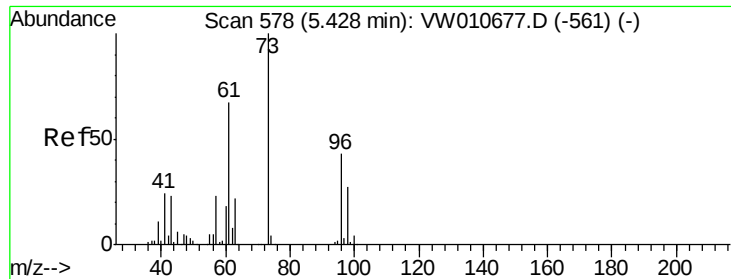
Tot Ion: 76 Resp: 443059
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 54.082 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion: 43 Resp: 93816
Ion Ratio Lower Upper
43 100
74 20.4 16.7 25.1

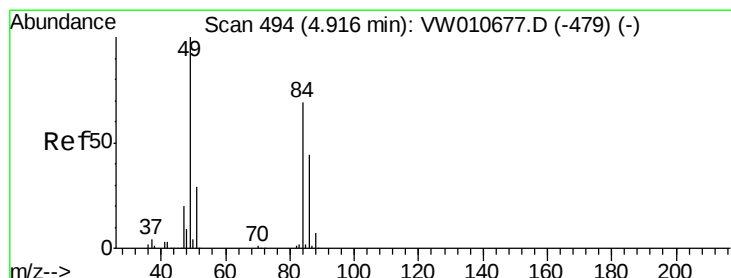
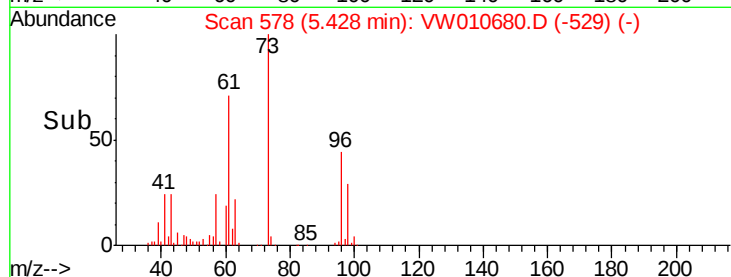
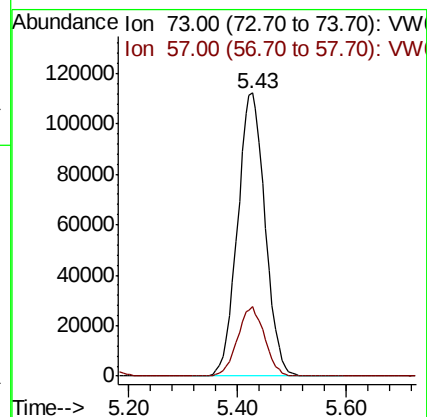
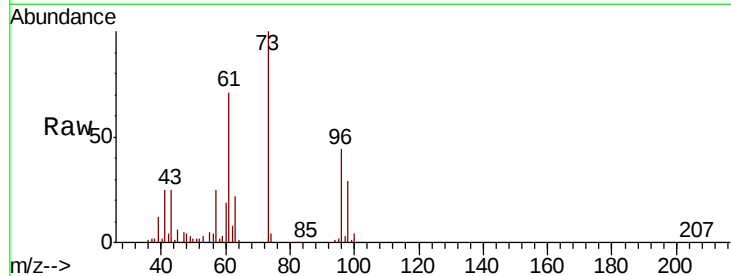




#19
Methyl tert-butyl Ether
Concen: 55.426 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

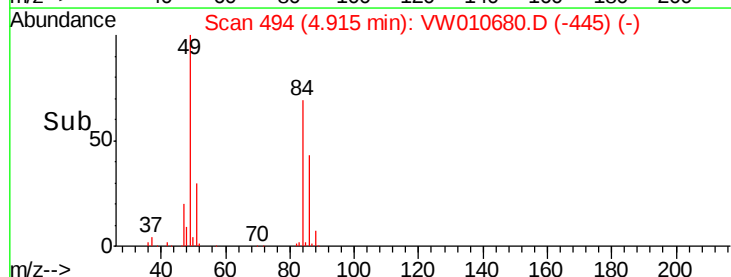
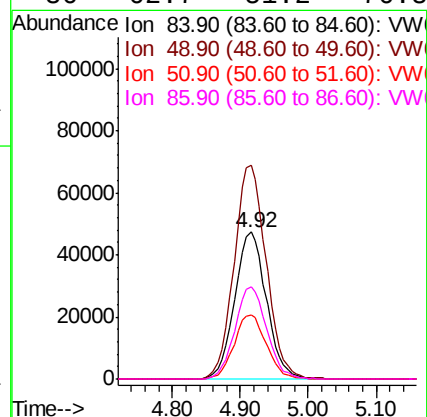
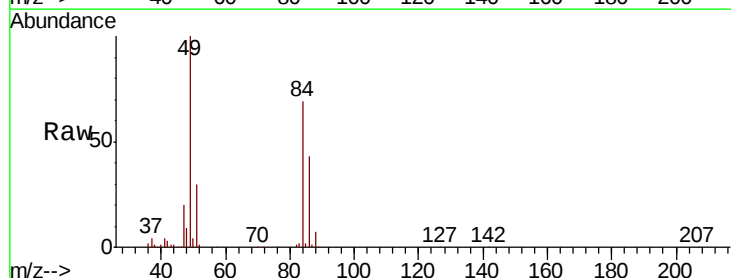
Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

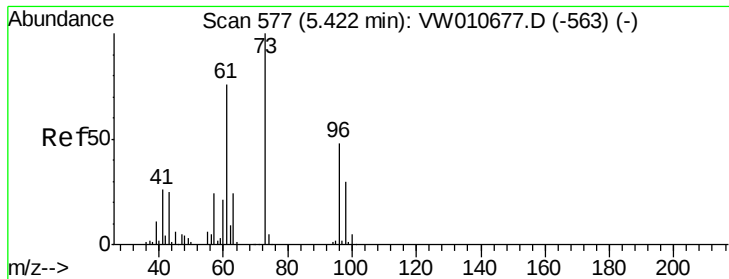
Tot Ion: 73 Resp: 394465
Ion Ratio Lower Upper
73 100
57 24.7 18.6 27.8



#20
Methylene Chloride
Concen: 54.132 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion: 84 Resp: 153034
Ion Ratio Lower Upper
84 100
49 145.3 116.7 175.1
51 43.7 34.2 51.2
86 62.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 55.256 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

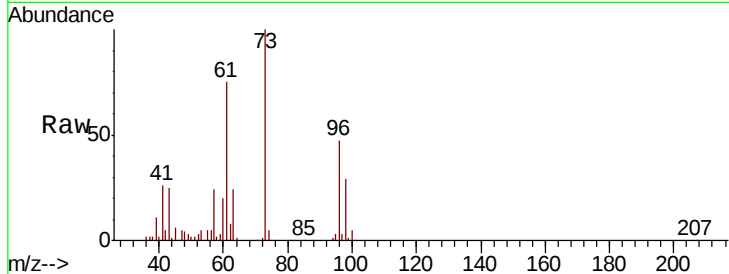
Tot Ion: 96 Resp: 154785

Ion Ratio Lower Upper

96 100

61 161.2 126.0 189.0

98 61.7 49.6 74.4

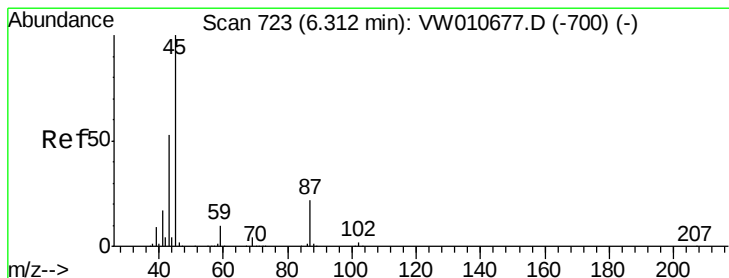
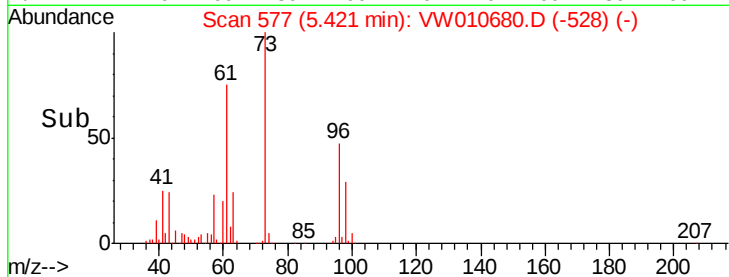
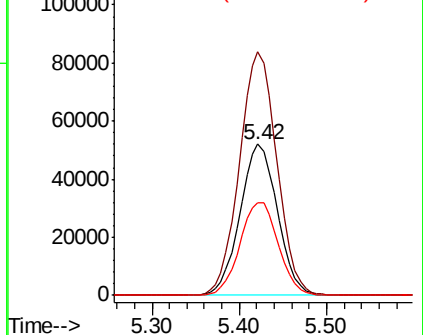


Abundance

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: 56.393 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Tgt Ion: 45 Resp: 614280

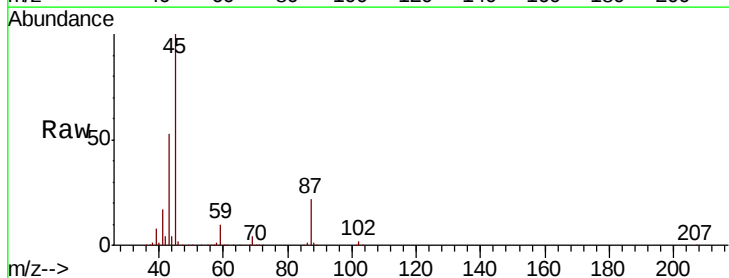
Ion Ratio Lower Upper

45 100

43 52.6 42.5 63.7

87 22.3 17.4 26.2

59 10.2 8.1 12.1



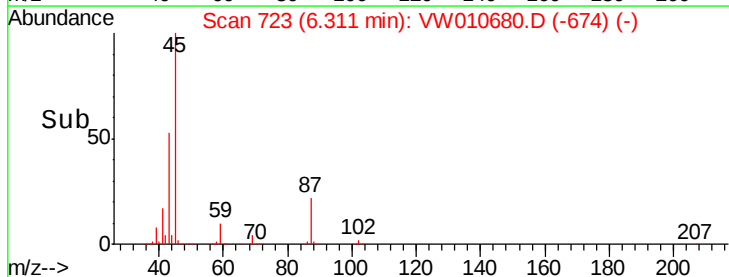
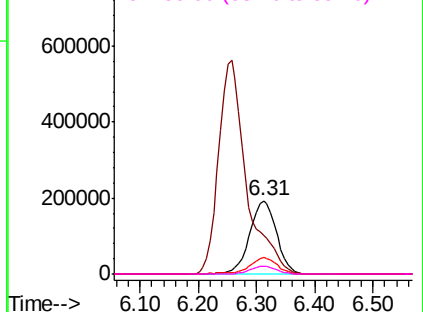
Abundance

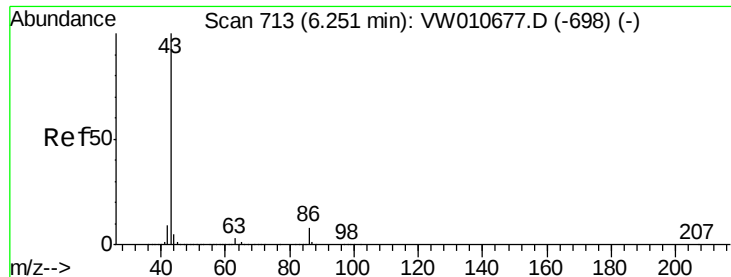
Ion 45.00 (44.70 to 45.70): VW

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: 283.654 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

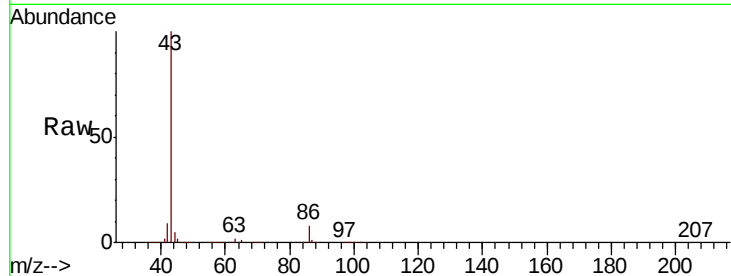
ICVW060419

Tot Ion: 43 Resp: 1864677

Ion Ratio Lower Upper

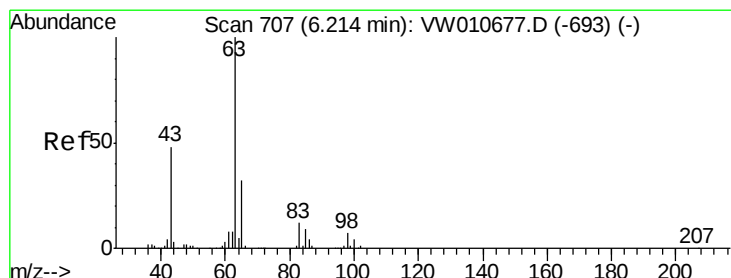
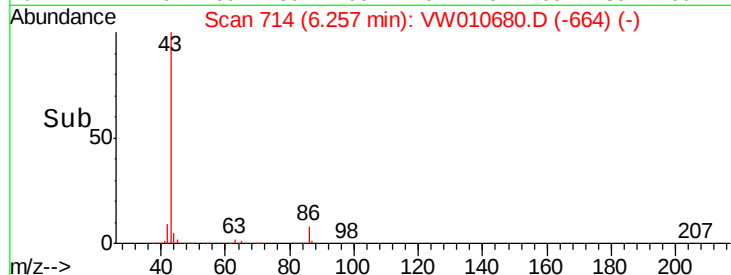
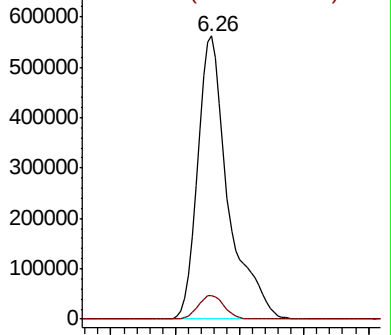
43 100

86 8.4 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 55.952 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

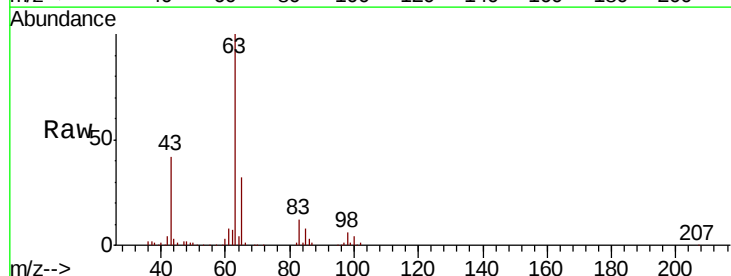
Tgt Ion: 63 Resp: 305434

Ion Ratio Lower Upper

63 100

98 6.0 3.4 10.2

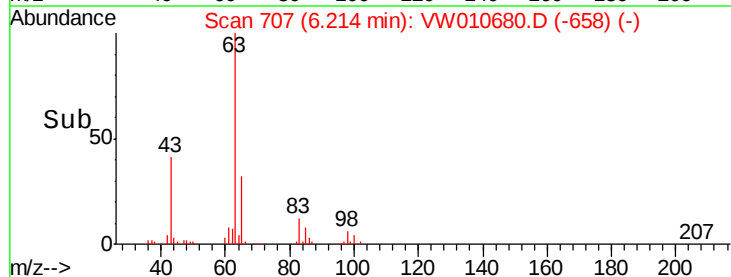
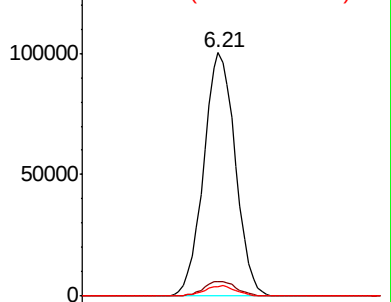
100 3.9 2.1 6.3

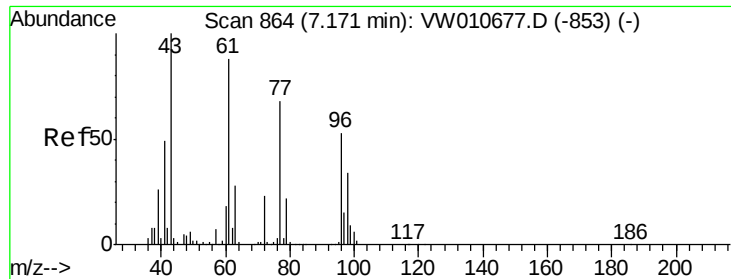


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 282.859 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

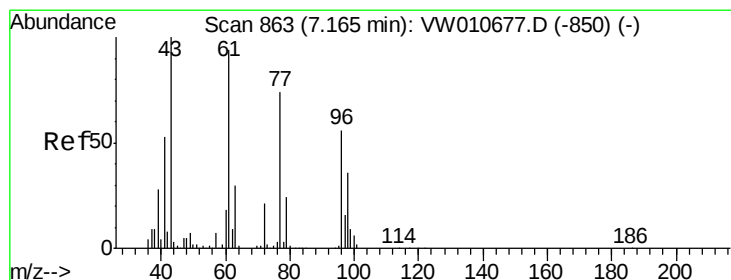
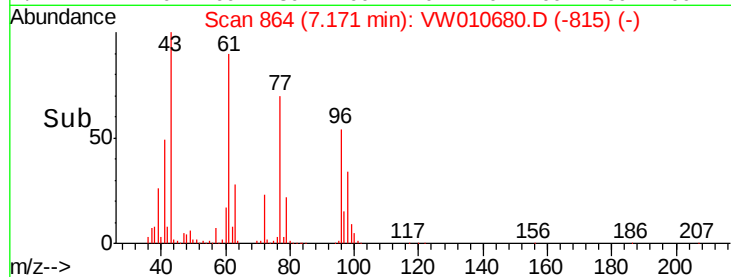
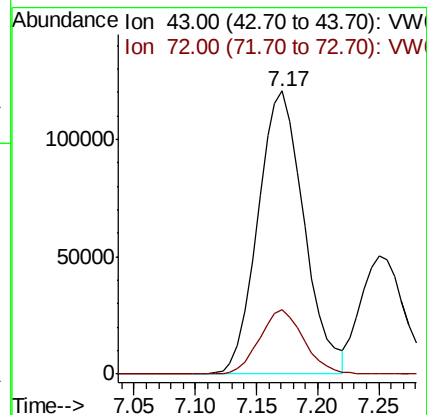
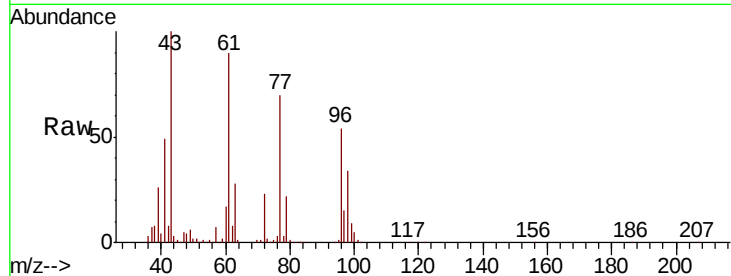
ICVW060419

Tot Ion: 43 Resp: 316078

Ion Ratio Lower Upper

43 100

72 22.7 18.1 27.1



#26

2,2-Dichloropropane

Concen: 56.401 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010680.D

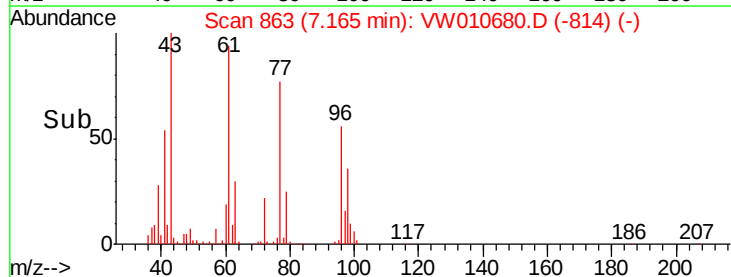
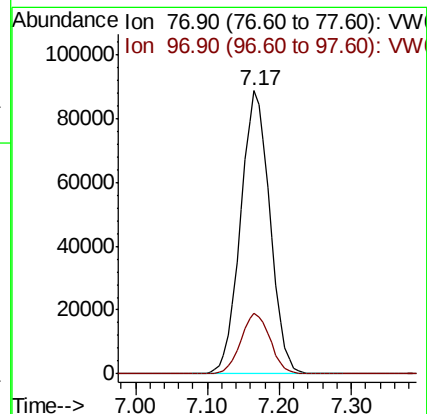
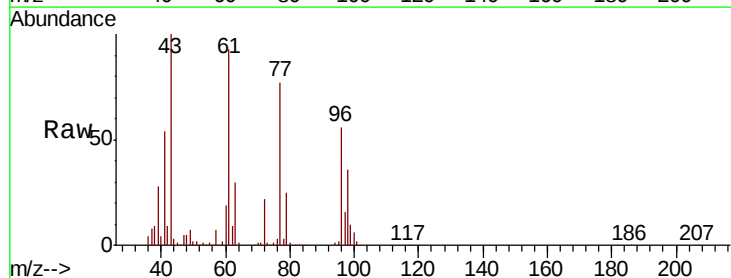
Acq: 04 Jun 2019 18:04

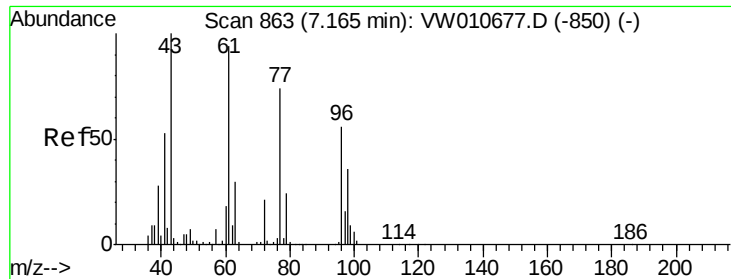
Tgt Ion: 77 Resp: 250536

Ion Ratio Lower Upper

77 100

97 21.3 10.5 31.6



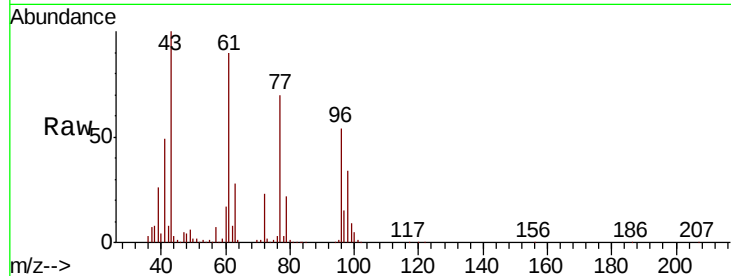


#27

cis-1,2-Dichloroethene
 Concen: 55.743 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW060419

Tot Ion	96	Resp	171842
Ion	Ratio	Lower	Upper
96	100		
61	167.4	0.0	336.4
98	64.3	0.0	128.0

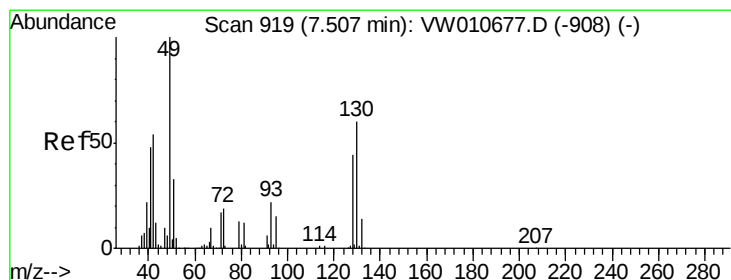
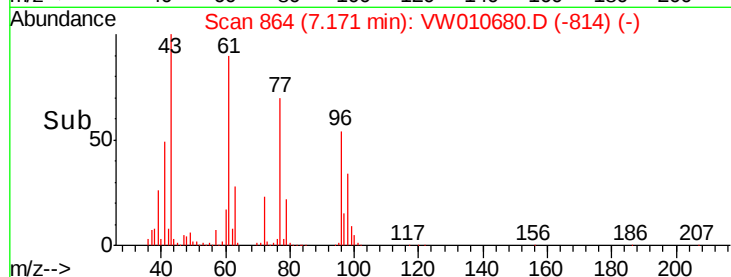
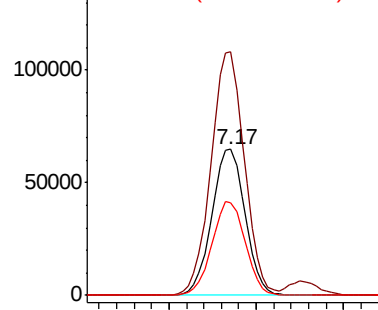


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

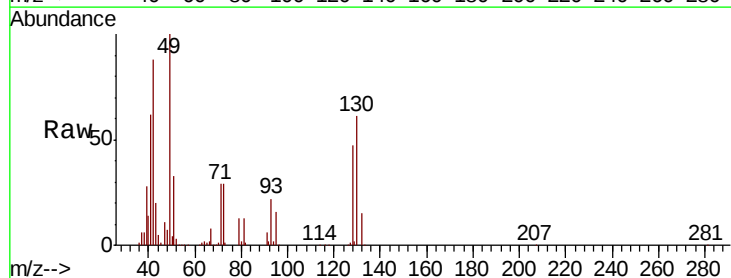
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
 Concen: 56.309 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion	49	Resp	137178
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	60.1	48.3	72.5

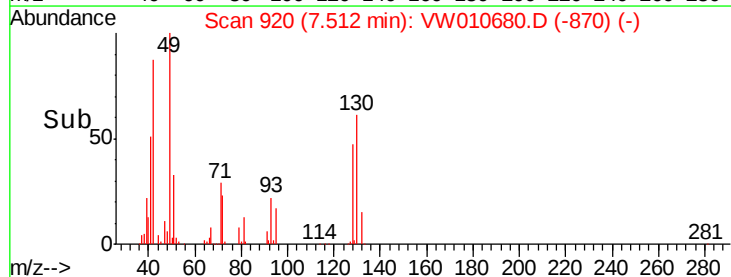
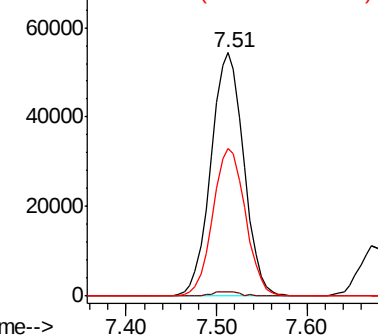


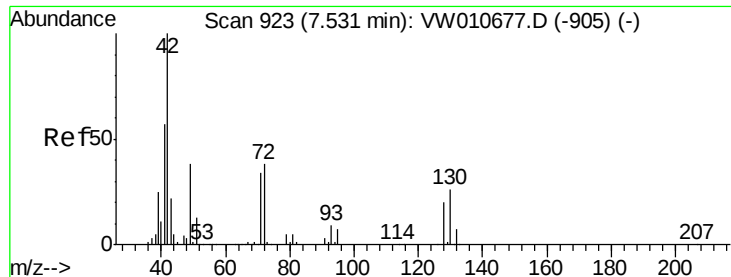
Abundance

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

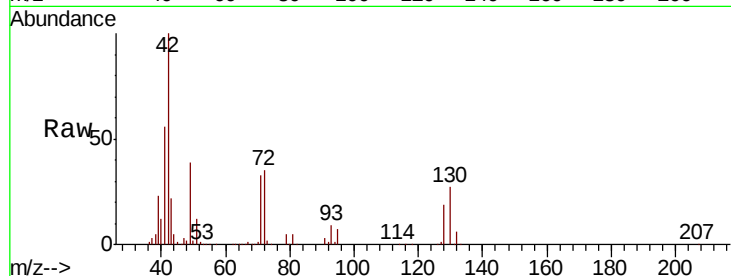




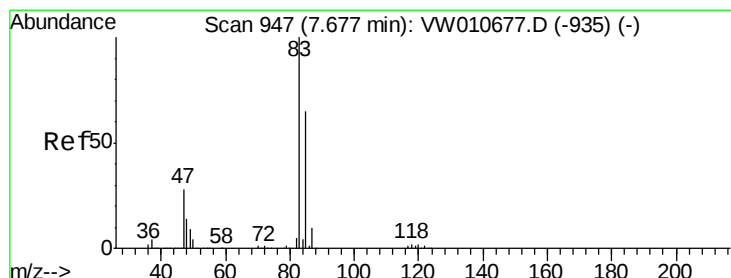
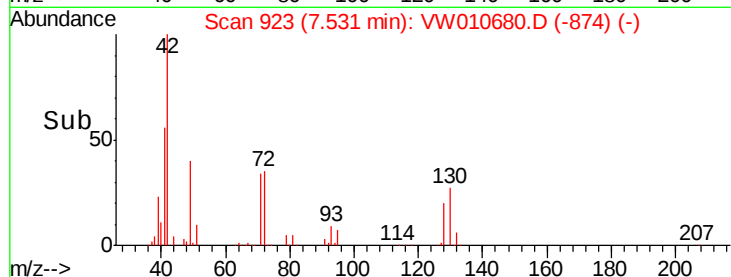
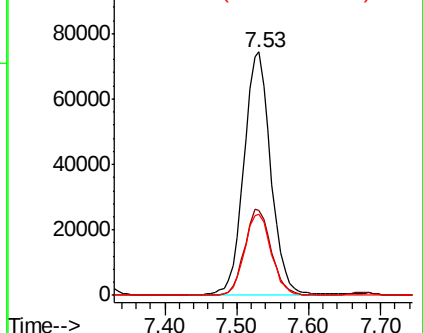
#29
Tetrahydrofuran
Concen: 274.198 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

Tot Ion: 42 Resp: 192723
Ion Ratio Lower Upper
42 100
72 35.1 28.7 43.1
71 33.5 26.6 39.8

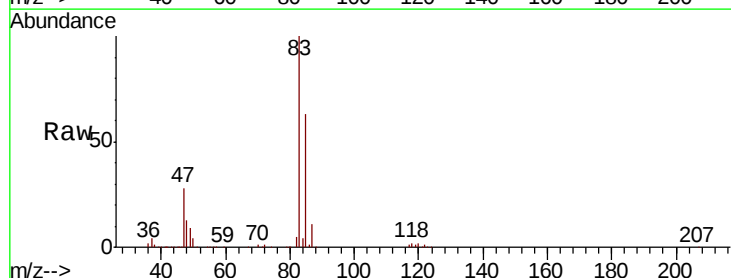


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

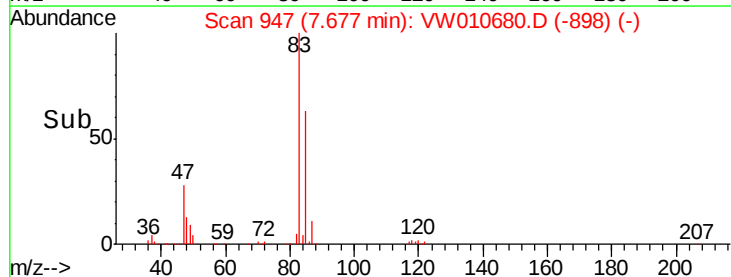
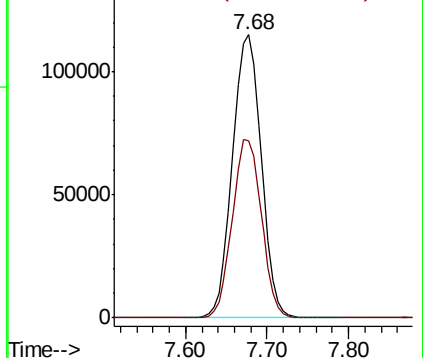


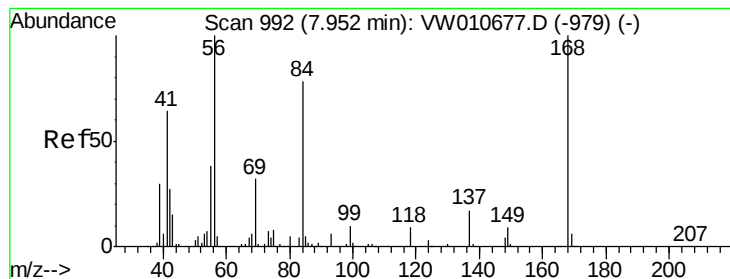
#30
Chloroform
Concen: 56.118 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion: 83 Resp: 280201
Ion Ratio Lower Upper
83 100
85 62.7 51.8 77.8



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





#31

Cyclohexane

Concen: 52.588 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

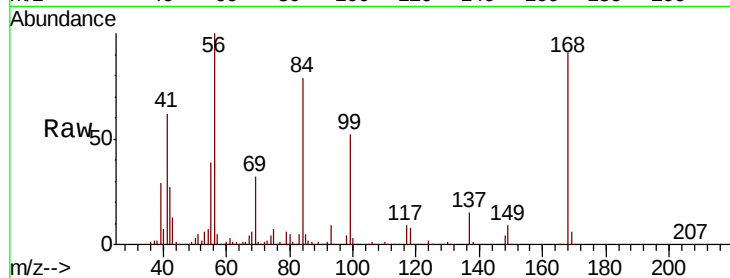
Tot Ion: 56 Resp: 319113

Ion Ratio Lower Upper

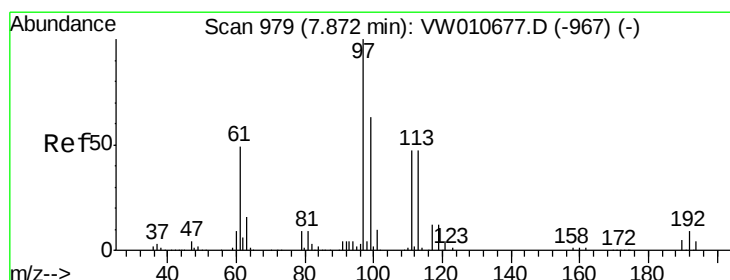
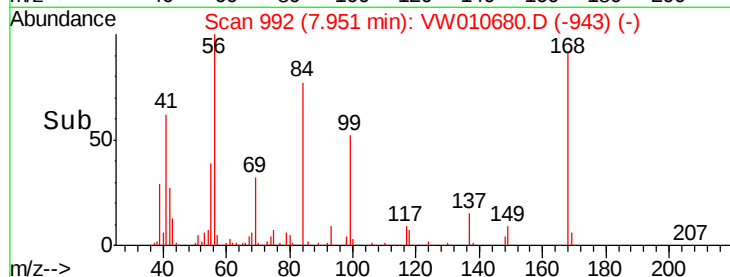
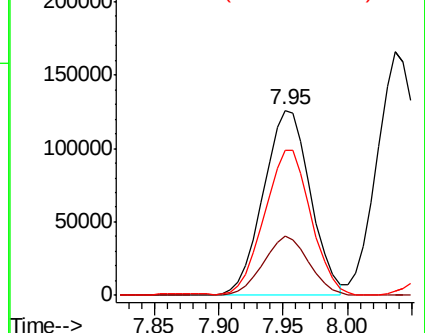
56 100

69 31.8 25.2 37.8

84 77.5 62.2 93.2



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 56.006 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

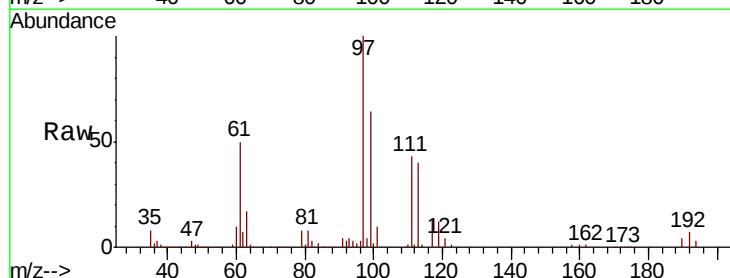
Tgt Ion: 97 Resp: 244276

Ion Ratio Lower Upper

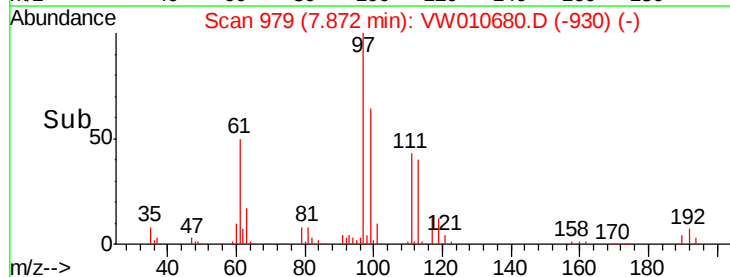
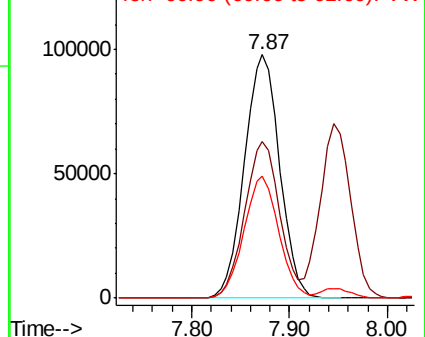
97 100

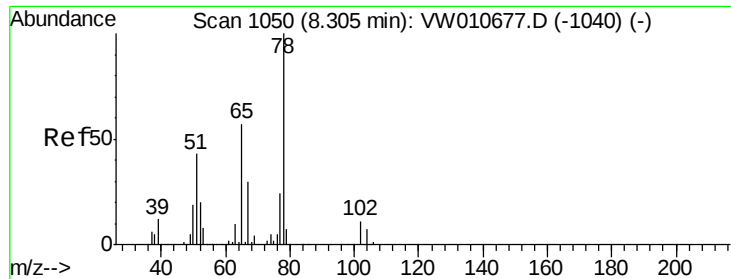
99 63.7 51.3 76.9

61 49.6 40.4 60.6



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

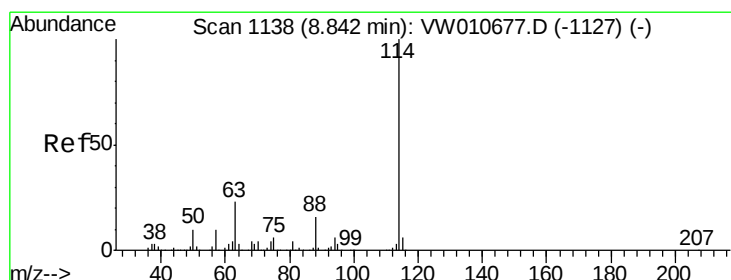
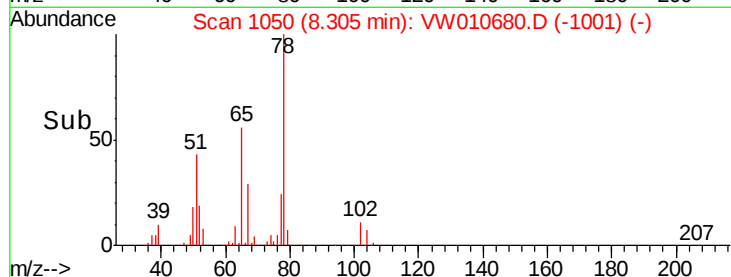
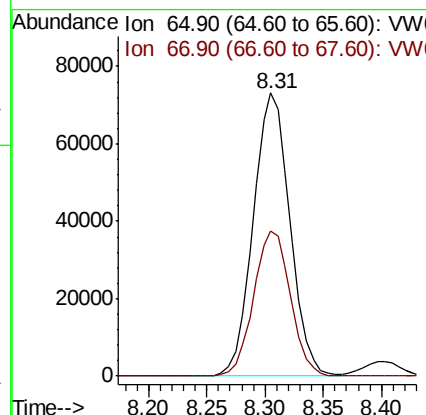
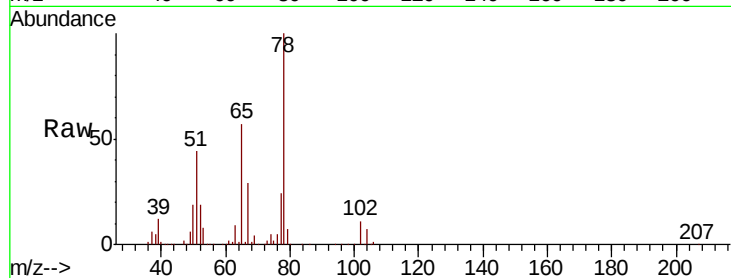




#33
 1,2-Dichloroethane-d4
 Concen: 53.412 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

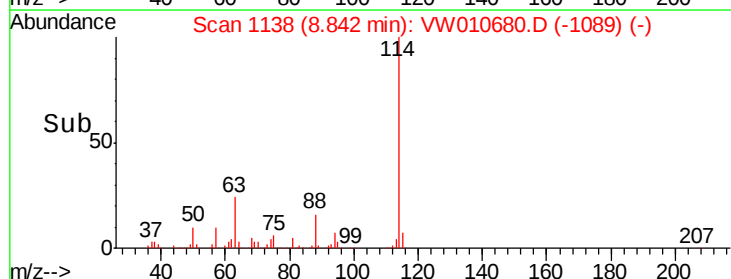
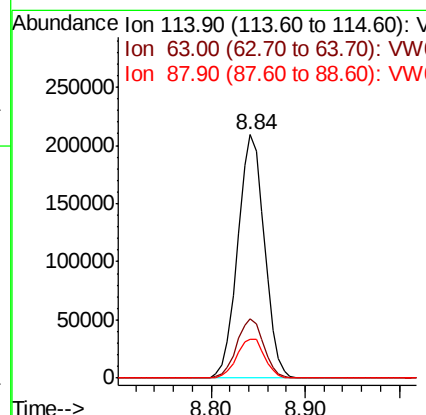
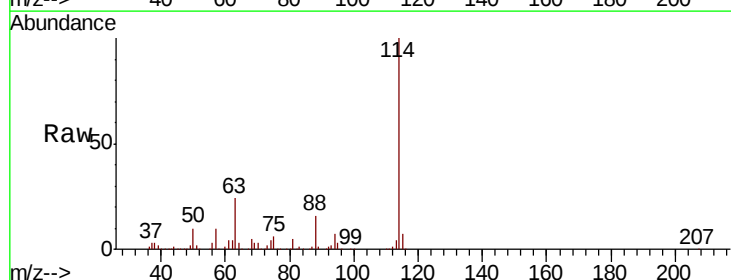
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW060419

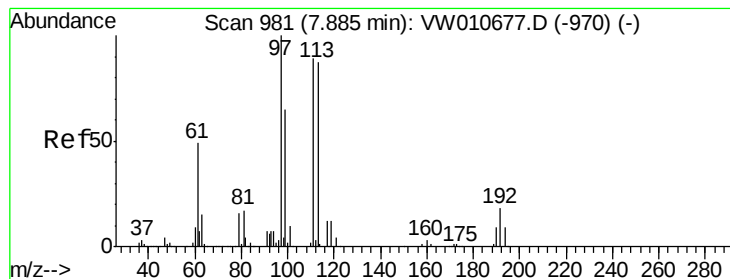
Tot Ion: 65 Resp: 160638
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion: 114 Resp: 412033
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.4
 88 16.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 57.041 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

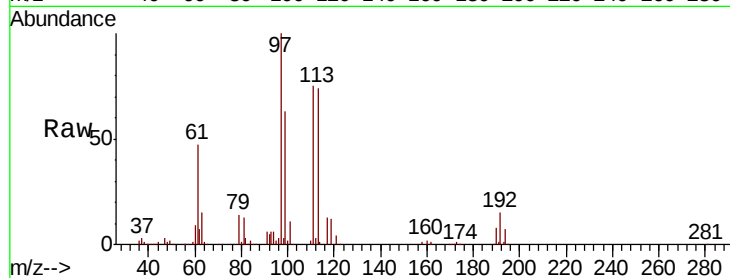
Tot Ion:113 Resp: 127569

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

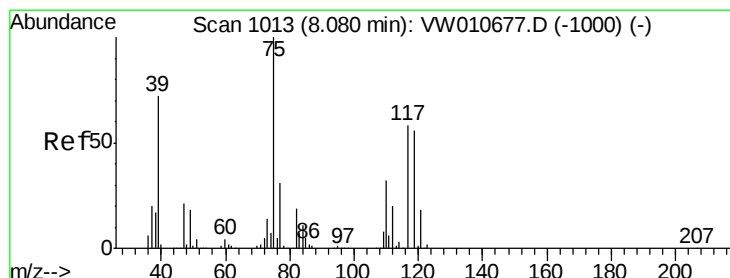
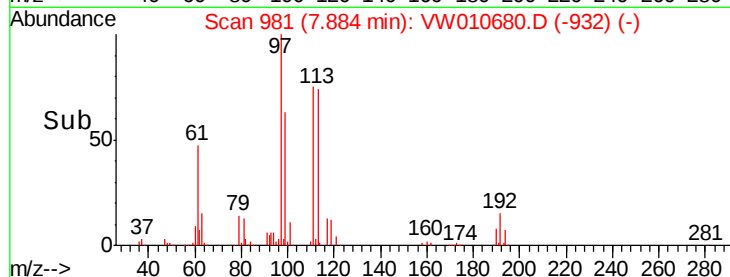
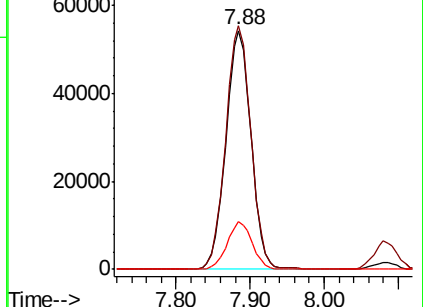
192 19.9 16.4 24.6



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: 56.308 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

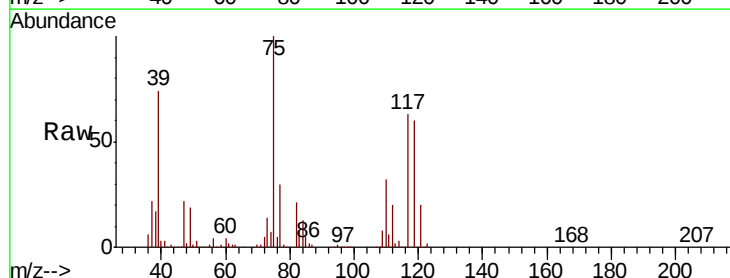
Tgt Ion: 75 Resp: 237486

Ion Ratio Lower Upper

75 100

110 31.5 15.8 47.3

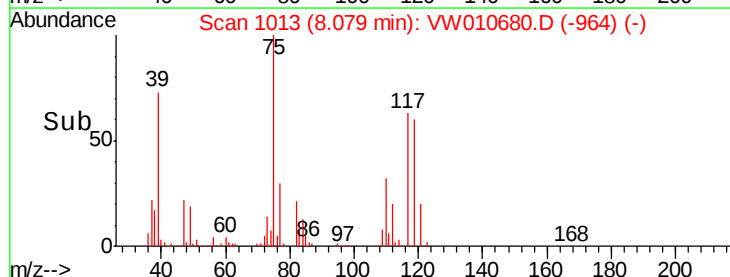
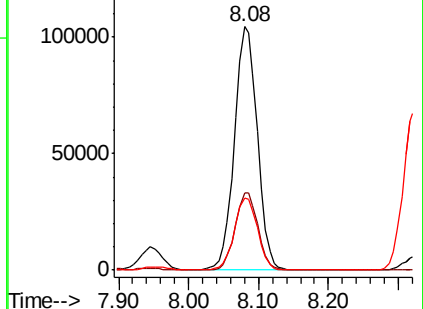
77 30.4 24.7 37.1



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

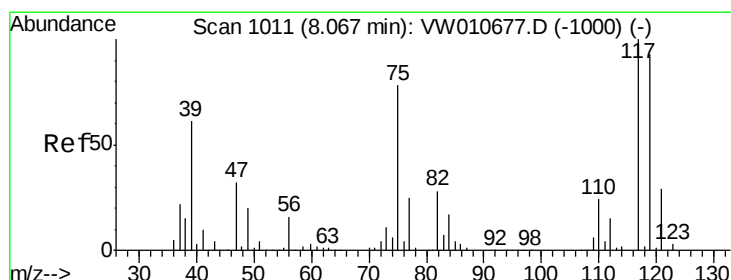
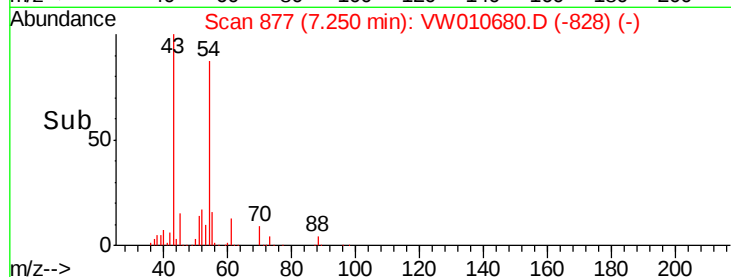
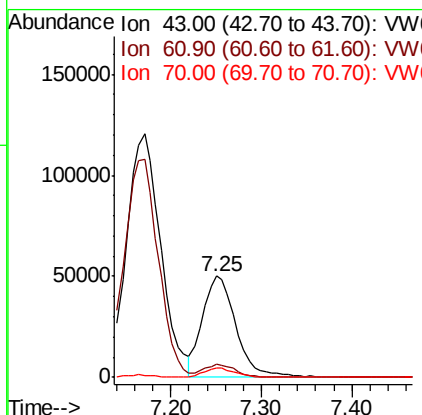
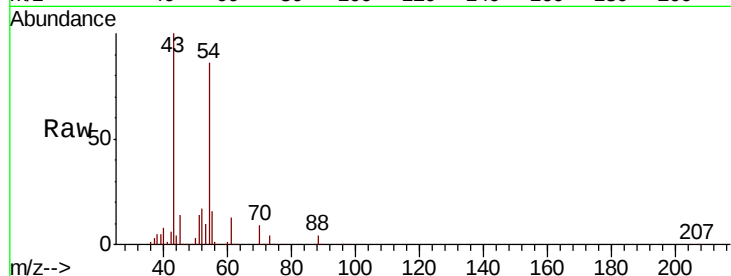




#37
Ethyl Acetate
Concen: 54.815 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

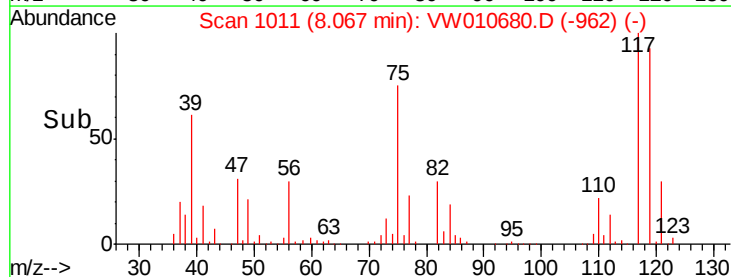
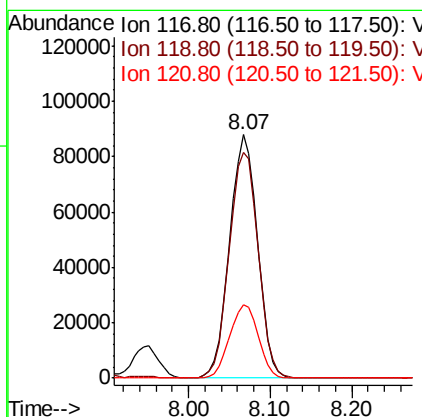
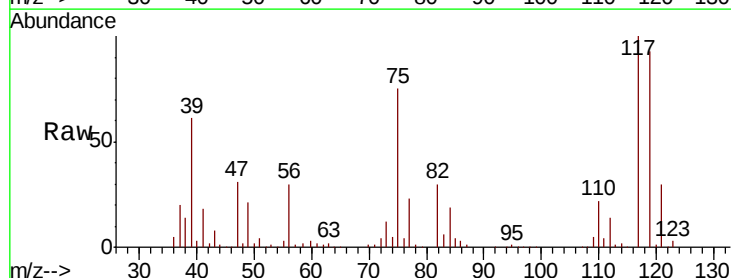
Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

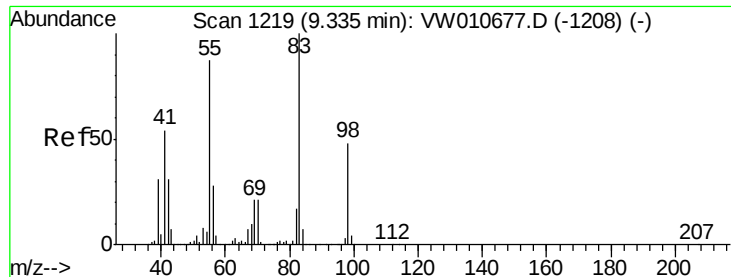
Tot Ion: 43 Resp: 128112
Ion Ratio Lower Upper
43 100
61 11.6 9.7 14.5
70 8.8 7.2 10.8



#38
Carbon Tetrachloride
Concen: 56.853 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion: 117 Resp: 206994
Ion Ratio Lower Upper
117 100
119 92.8 74.2 111.4
121 30.3 22.9 34.3

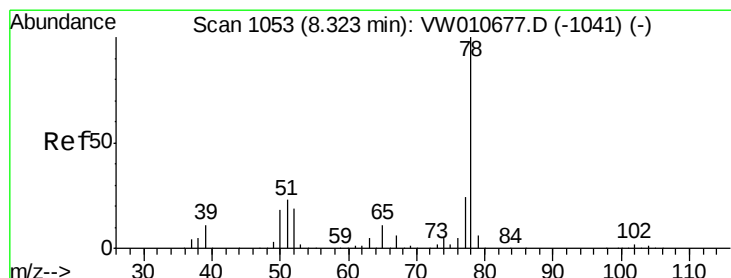
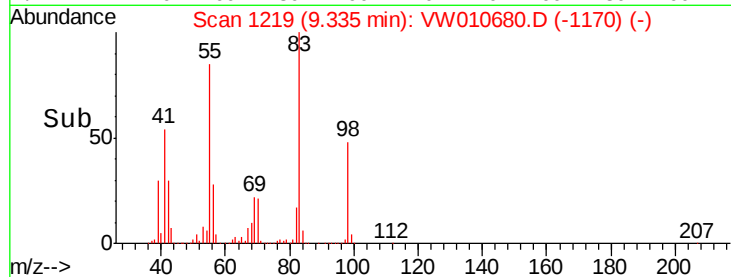
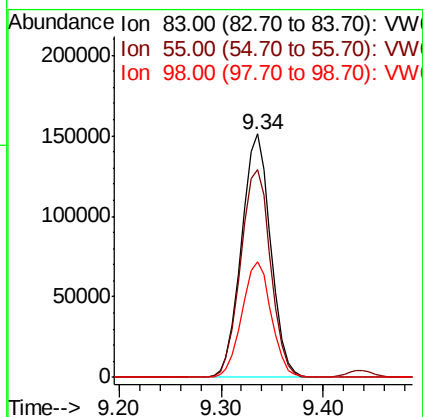
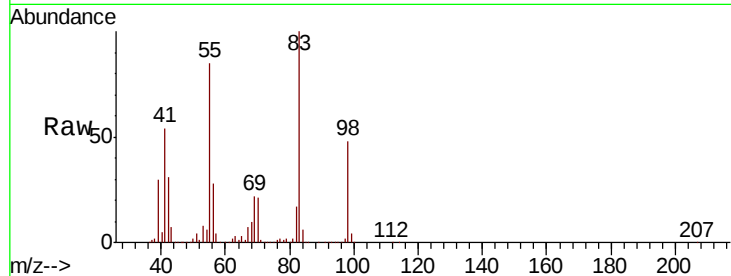




#39
Methvlcvclohexane
Concen: 56.221 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

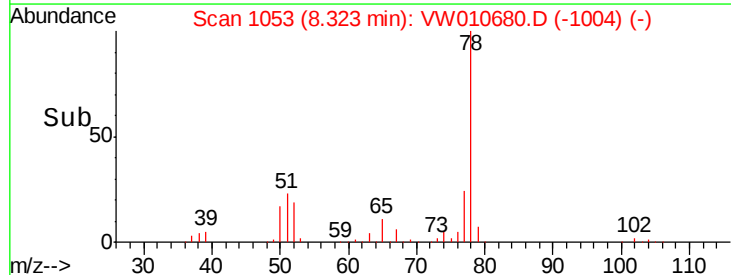
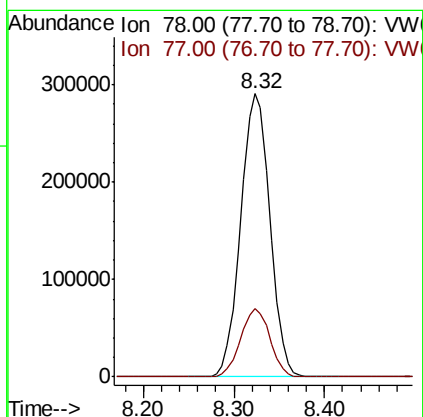
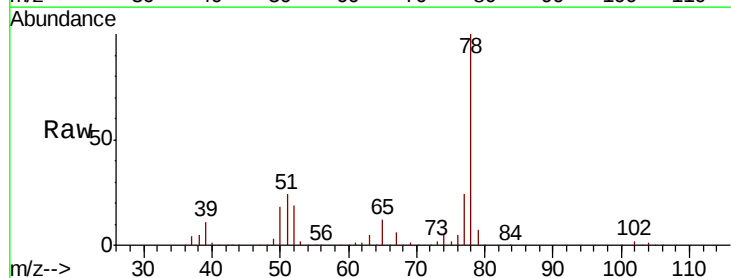
Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

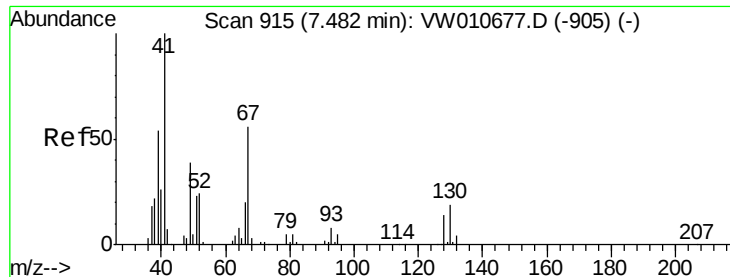
Tot Ion: 83 Resp: 301432
Ion Ratio Lower Upper
83 100
55 85.1 70.0 105.0
98 47.6 38.1 57.1



#40
Benzene
Concen: 56.309 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion: 78 Resp: 647882
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

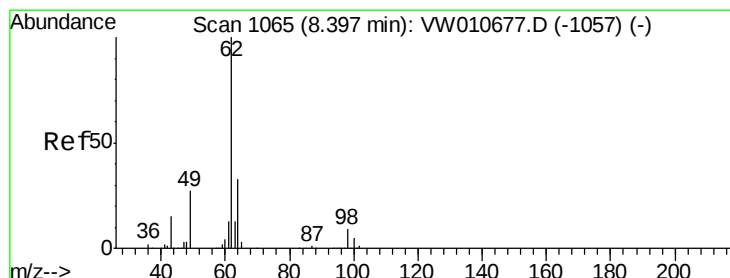
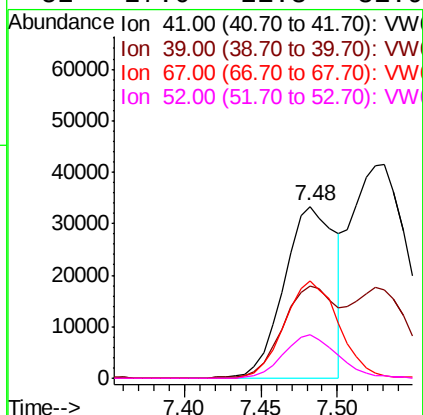
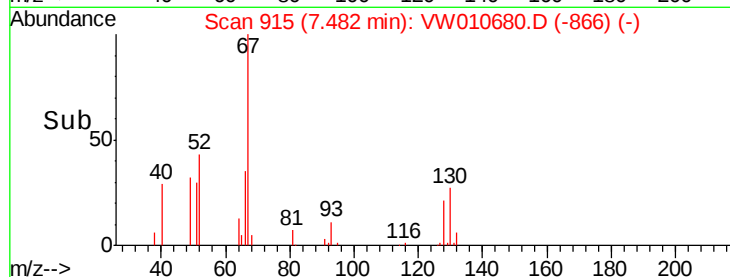
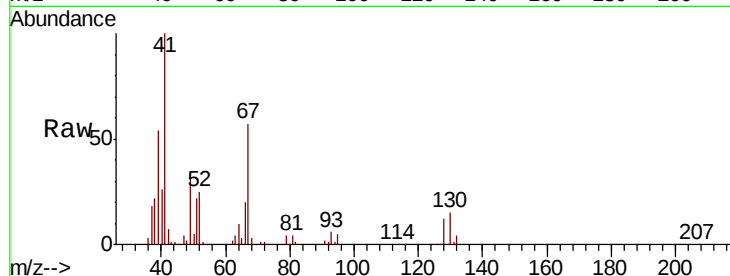




#41
Methacrylonitrile
Concen: 56.021 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

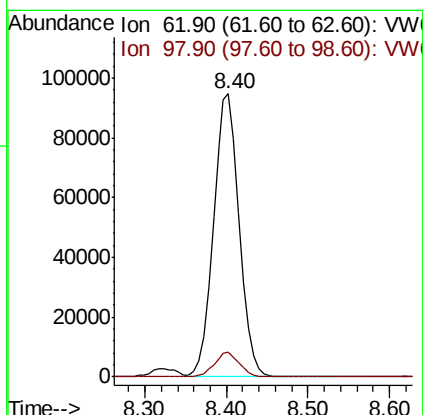
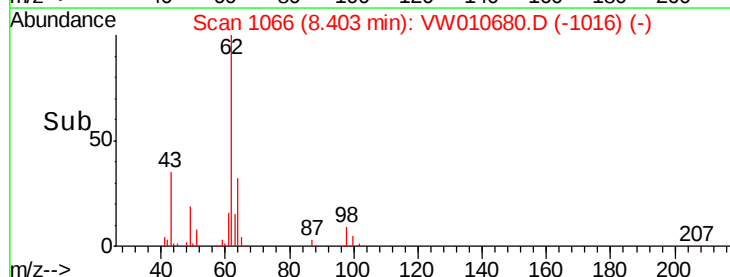
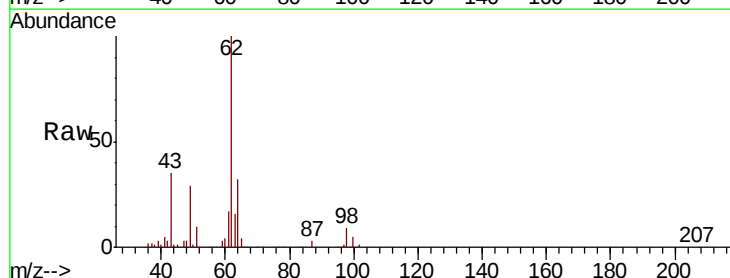
Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

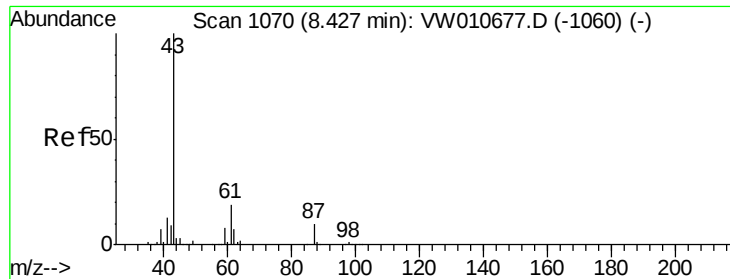
Tot Ion:	41	Resp:	77825
Ion	Ratio	Lower	Upper
41	100		
39	53.8	47.3	70.9
67	60.0	47.2	70.8
52	27.0	21.3	31.9



#42
1,2-Dichloroethane
Concen: 56.550 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion:	62	Resp:	206508
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2





#43

Isopropyl Acetate

Concen: 57.164 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

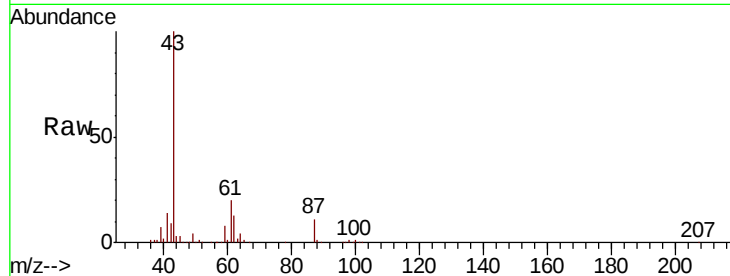
Tot Ion: 43 Resp: 258109

Ion Ratio Lower Upper

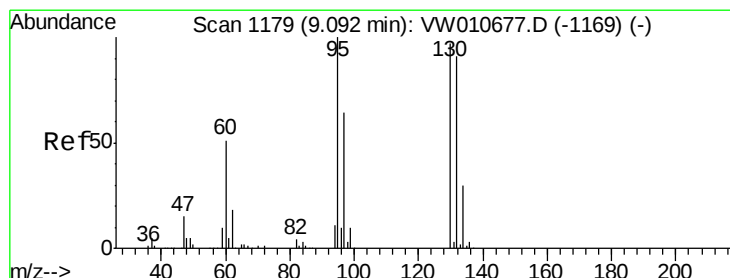
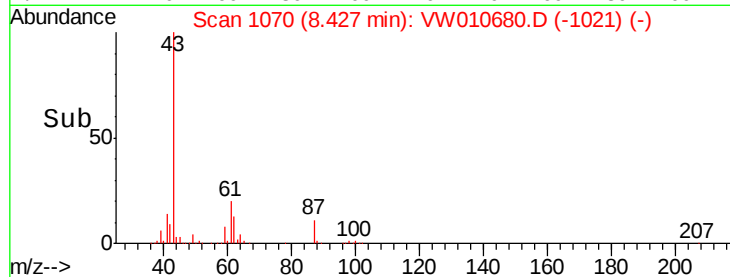
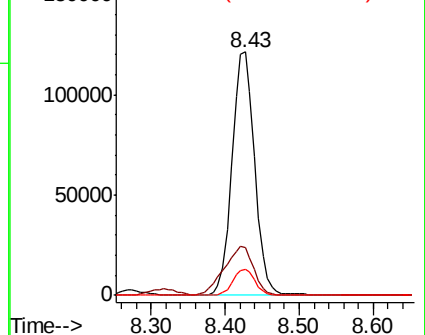
43 100

61 26.3 21.2 31.8

87 10.6 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: 55.994 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010680.D

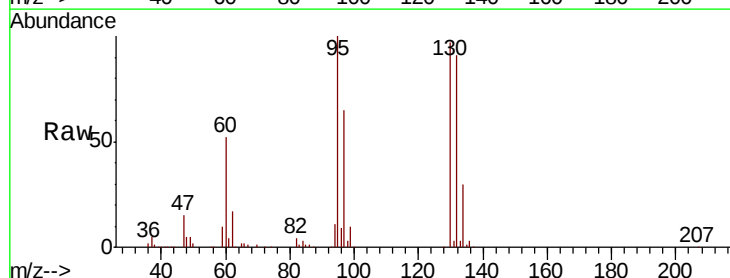
Acq: 04 Jun 2019 18:04

Tgt Ion: 130 Resp: 158925

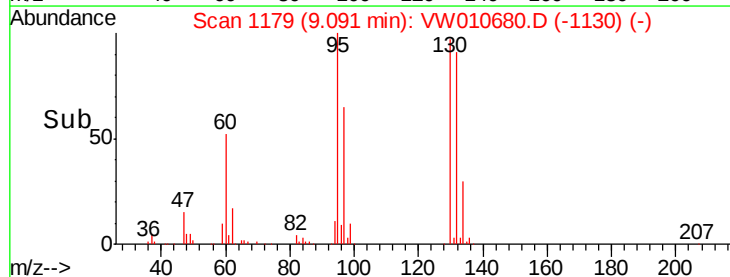
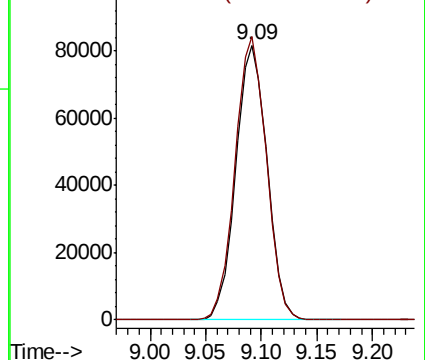
Ion Ratio Lower Upper

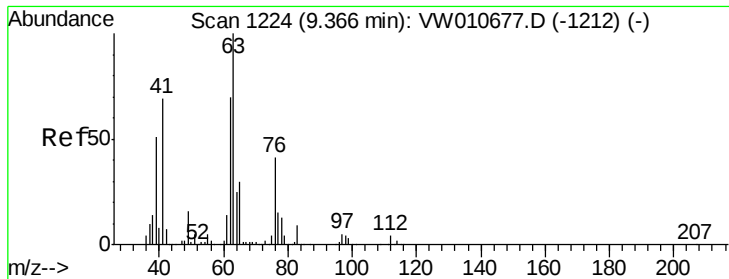
130 100

95 103.1 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: 57.035 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

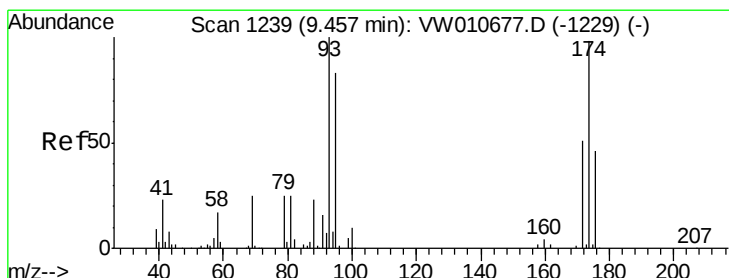
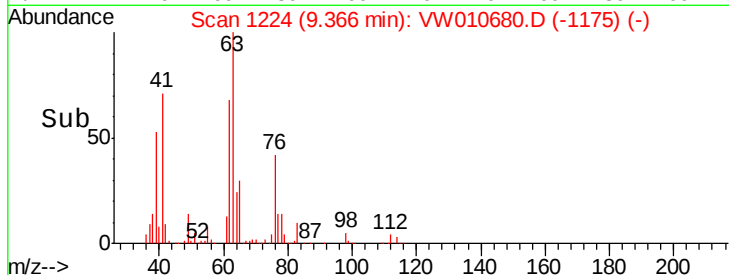
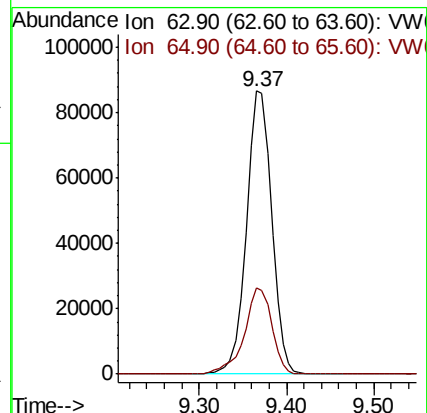
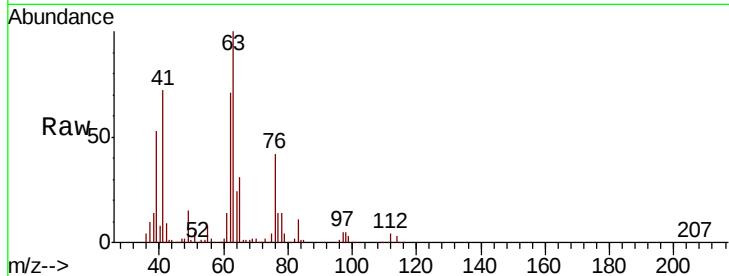
ICVW060419

Tot Ion: 63 Resp: 173715

Ion Ratio Lower Upper

63 100

65 30.7 23.8 35.6



#46

Dibromomethane

Concen: 56.512 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

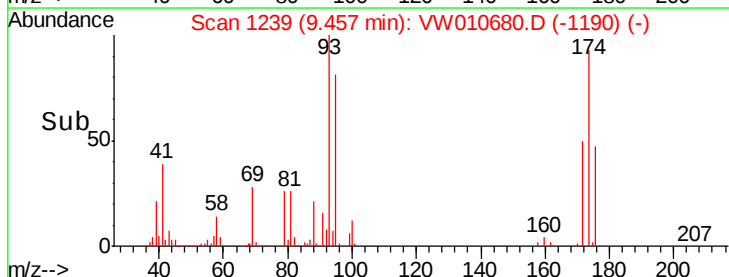
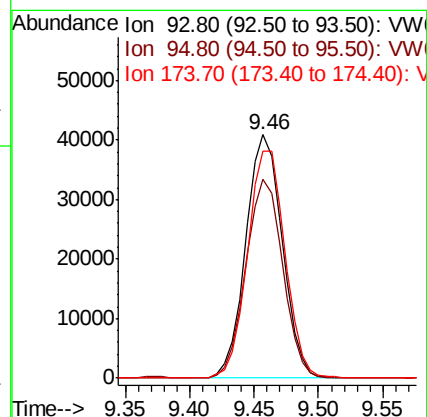
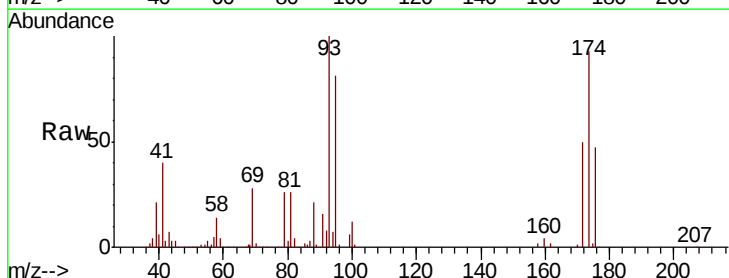
Tgt Ion: 93 Resp: 79947

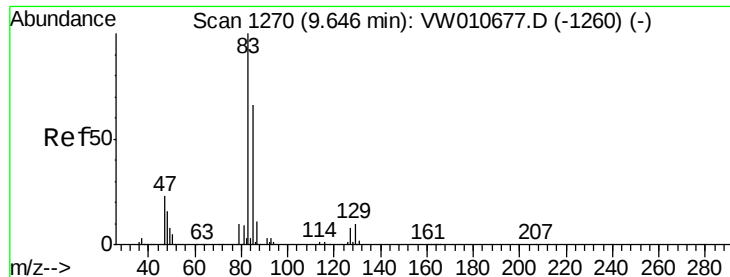
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 95.9 77.4 116.0





#47

Bromodichloromethane

Concen: 57.746 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

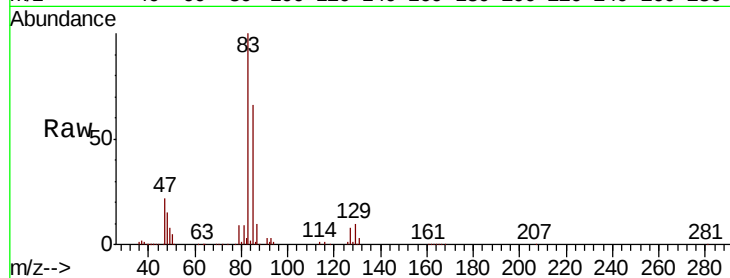
Tot Ion: 83 Resp: 211760

Ion Ratio Lower Upper

83 100

85 65.7 53.0 79.4

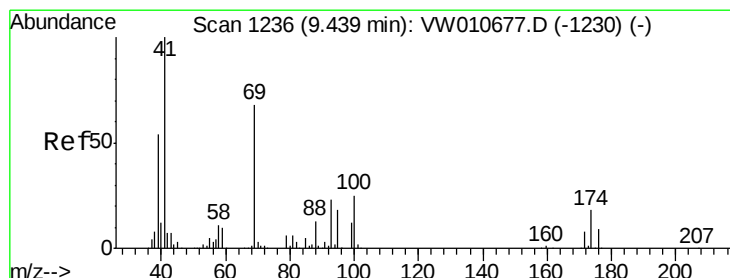
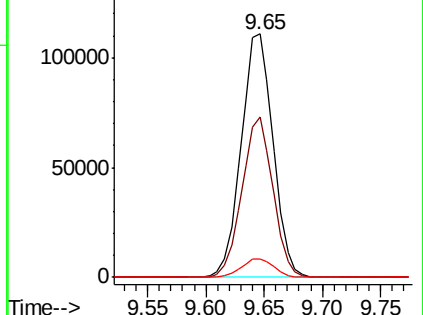
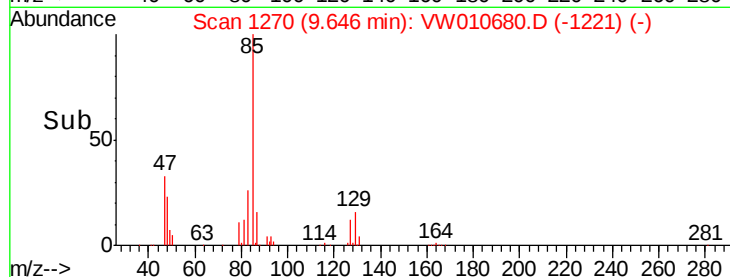
127 7.6 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 56.808 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

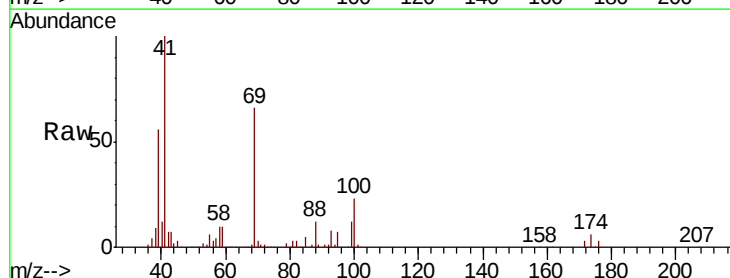
Tgt Ion: 41 Resp: 123671

Ion Ratio Lower Upper

41 100

69 72.3 56.6 85.0

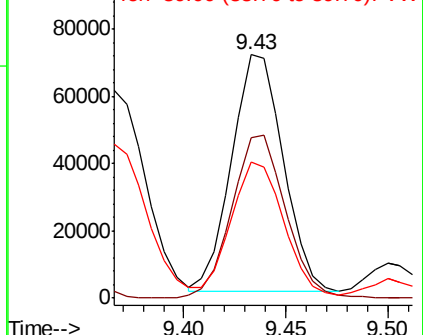
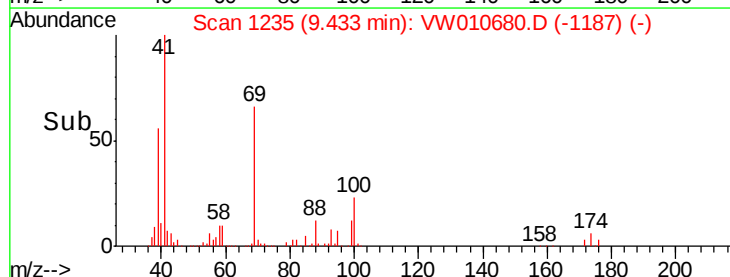
39 56.6 44.4 66.6

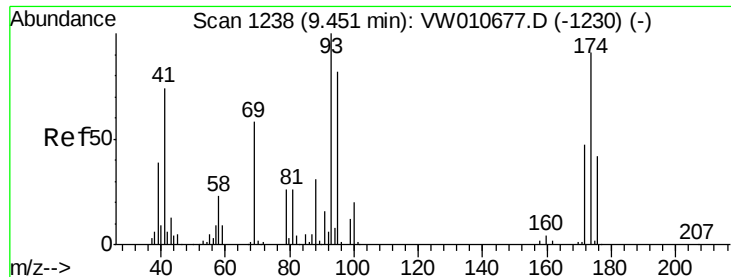


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1169.098 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

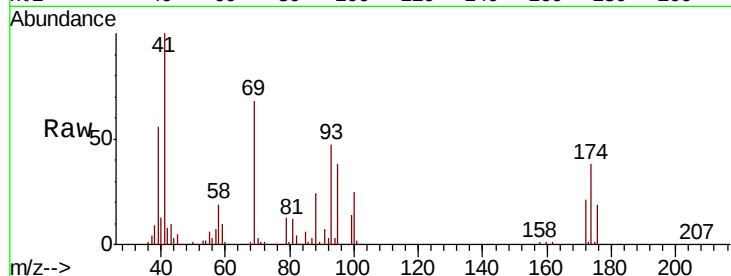
Tot Ion: 88 Resp: 25858

Ion Ratio Lower Upper

88 100

43 42.1 34.2 51.4

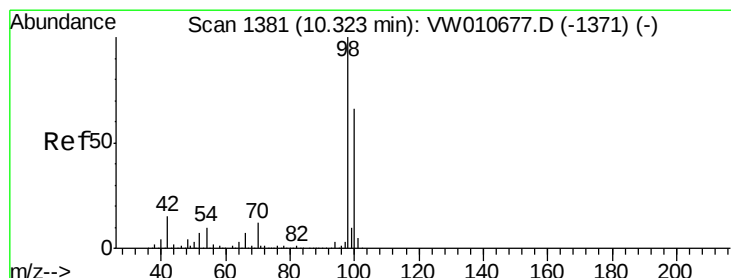
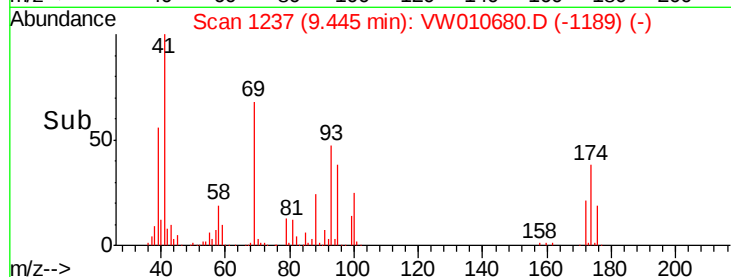
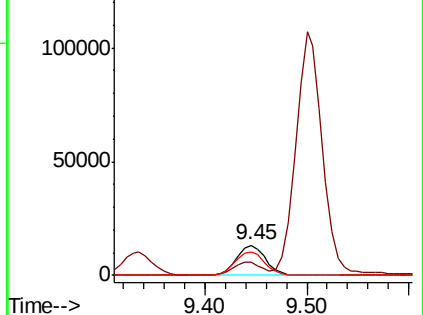
58 79.6 69.0 103.4



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 54.272 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010680.D

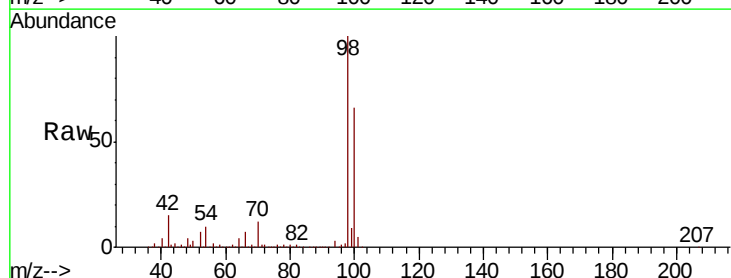
Acq: 04 Jun 2019 18:04

Tgt Ion: 98 Resp: 532248

Ion Ratio Lower Upper

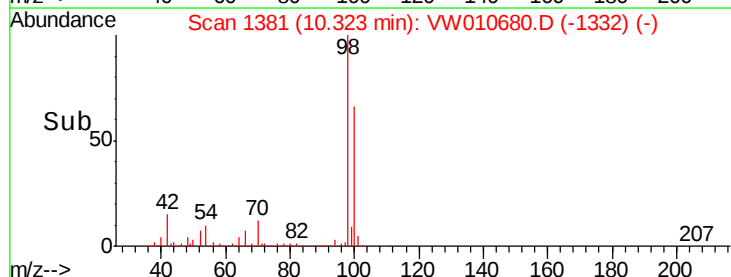
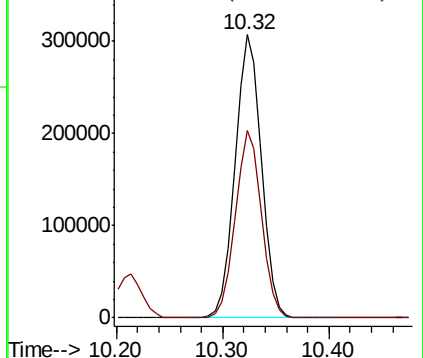
98 100

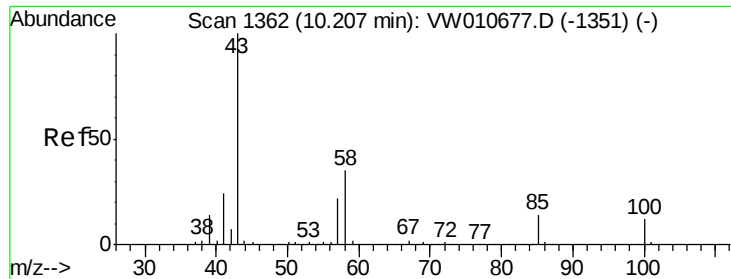
100 65.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 283.747 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

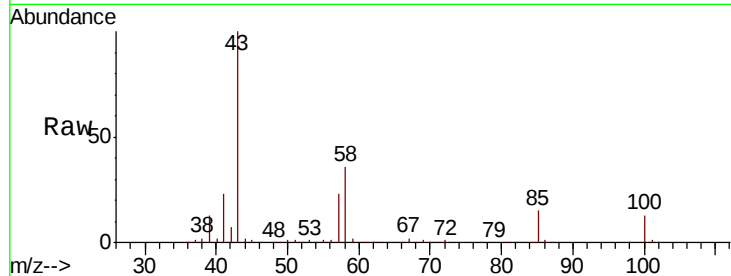
ICVW060419

Tot Ion: 43 Resp: 654523

Ion Ratio Lower Upper

43 100

58 35.8 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

400000

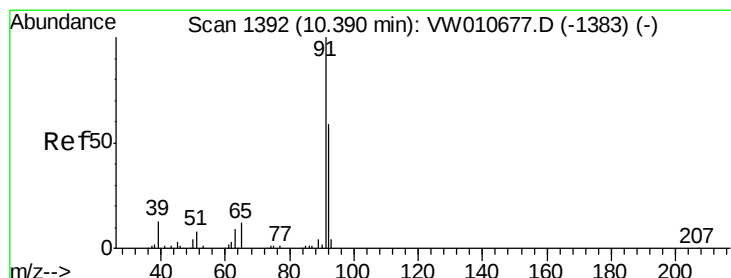
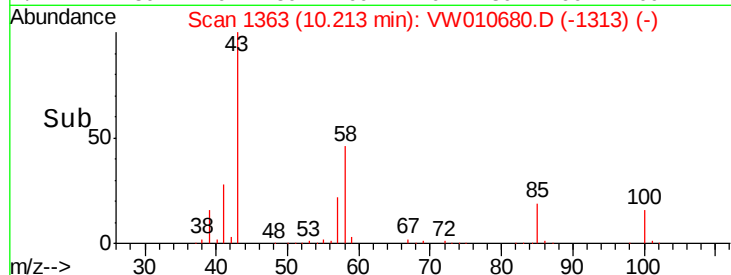
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 56.290 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010680.D

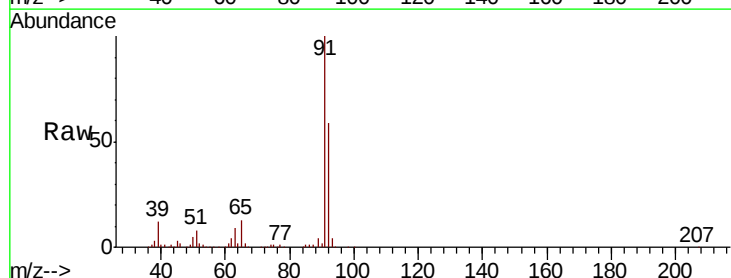
Acq: 04 Jun 2019 18:04

Tgt Ion: 92 Resp: 398496

Ion Ratio Lower Upper

92 100

91 170.4 134.9 202.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

400000

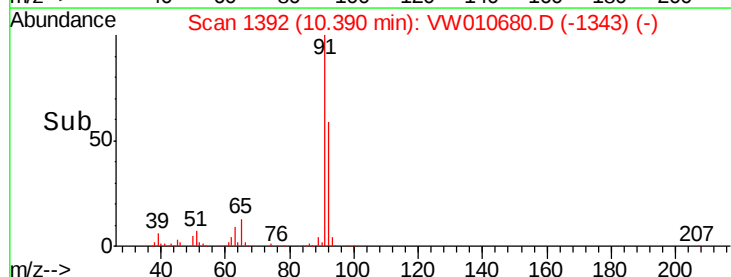
300000

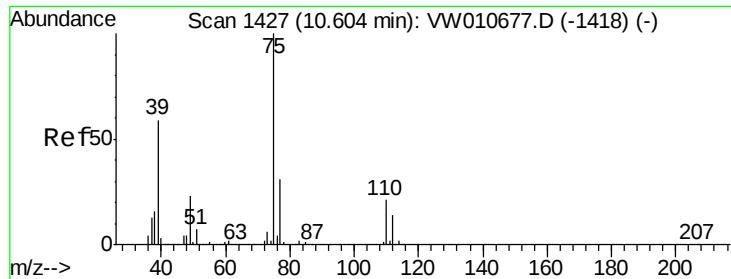
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 58.585 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

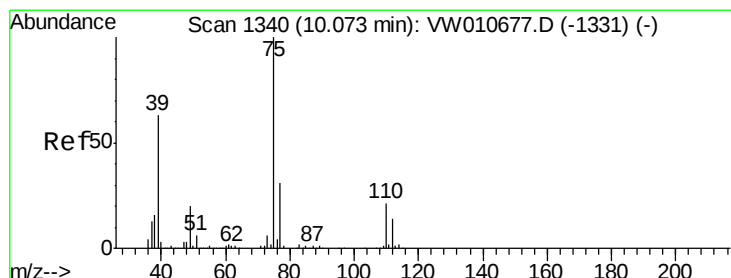
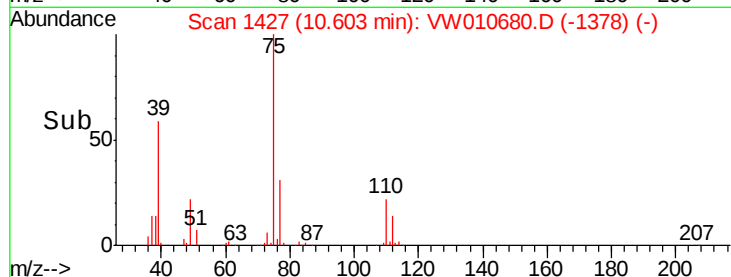
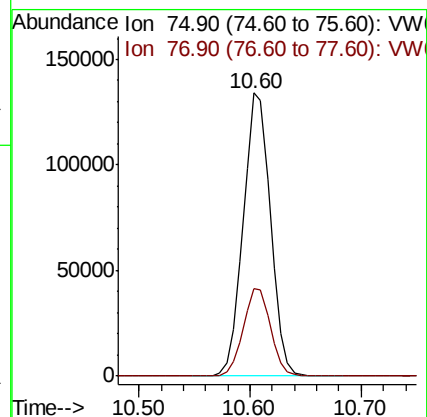
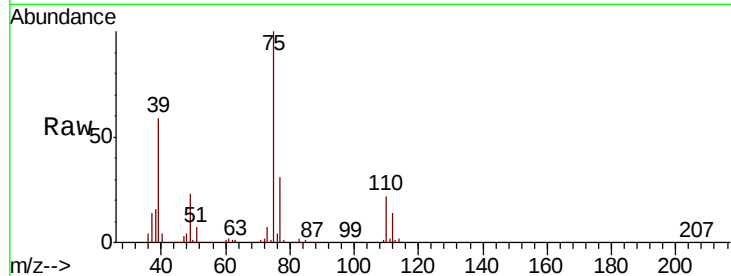
ICVW060419

Tot Ion: 75 Resp: 227555

Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 58.395 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

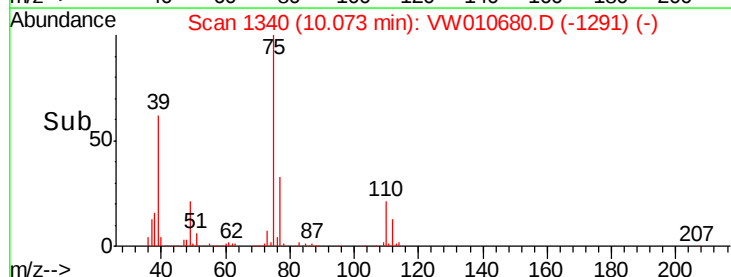
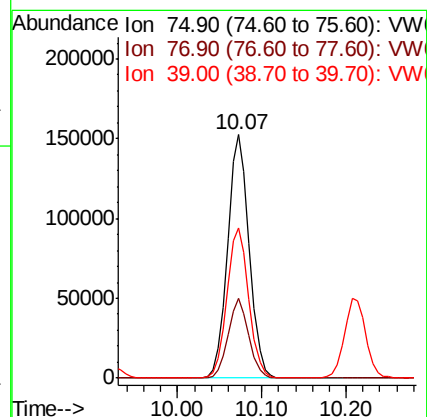
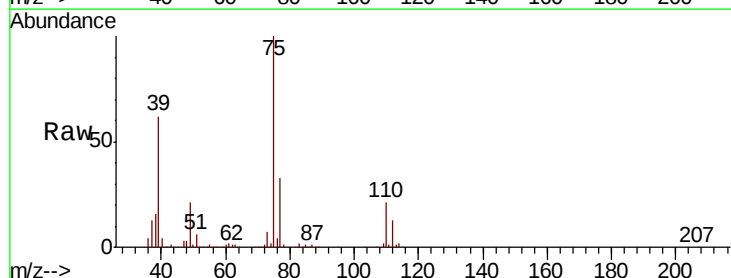
Tgt Ion: 75 Resp: 266899

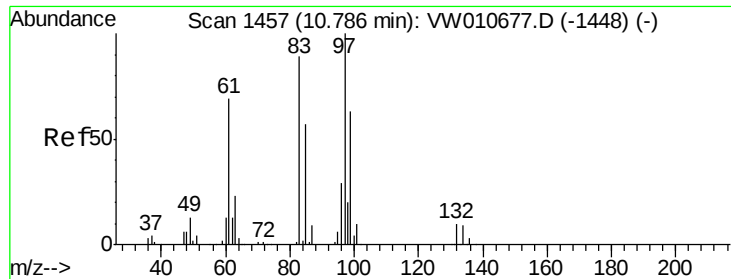
Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8

39 61.6 50.1 75.1

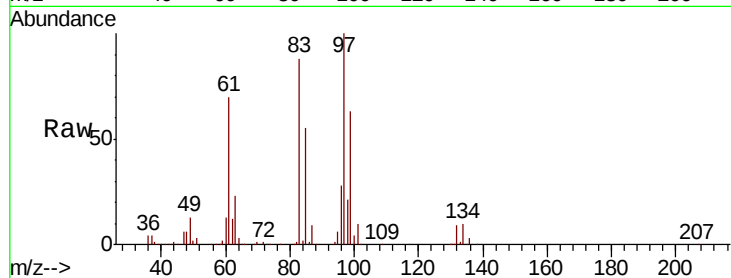




#55
 1,1,2-Trichloroethane
 Concen: 56.118 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW060419

Tot Ion	97	Resp	114367
Ion	Ratio	Lower	Upper
97	100		
83	87.5	71.1	106.7
85	55.3	45.2	67.8
99	62.9	50.0	75.0



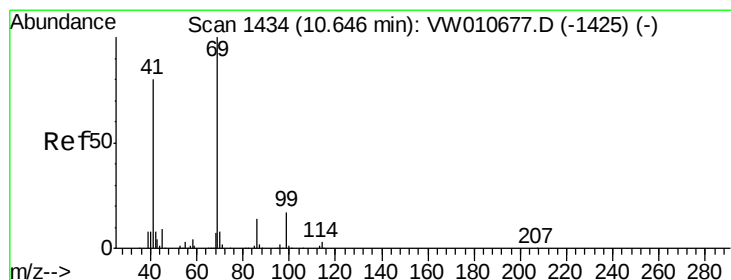
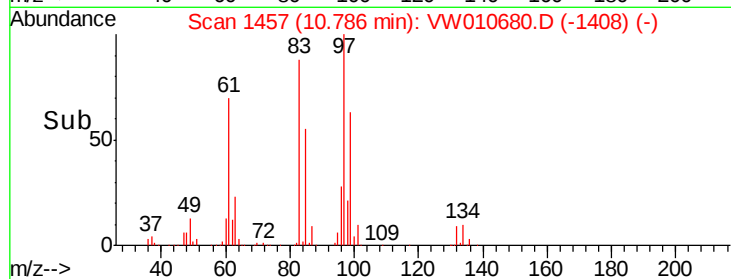
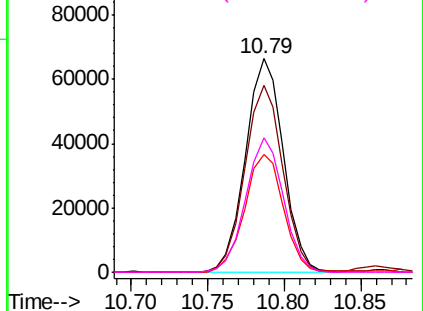
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

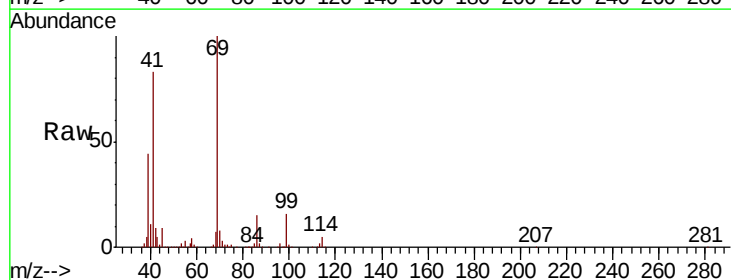
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 57.769 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion	69	Resp	181160
Ion	Ratio	Lower	Upper
69	100		
41	82.6	64.8	97.2
39	41.5	32.2	48.2

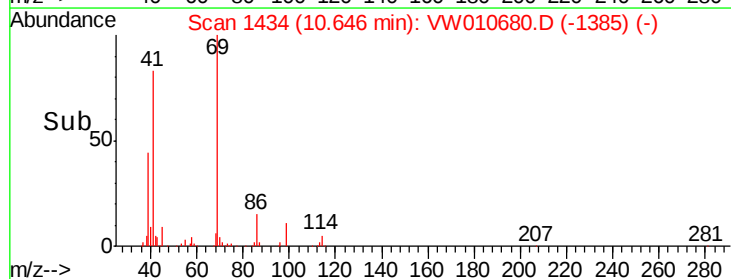
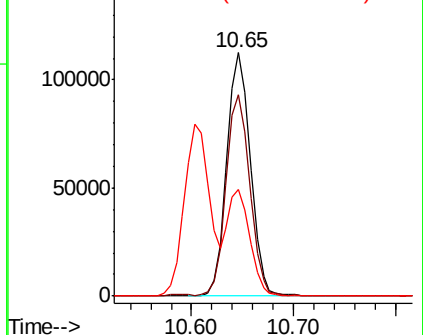


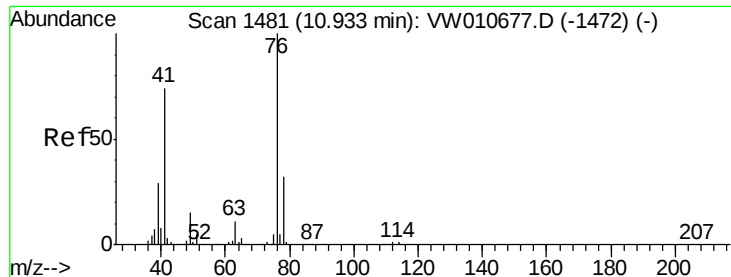
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

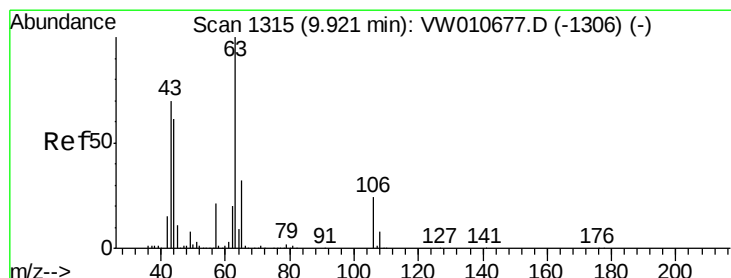
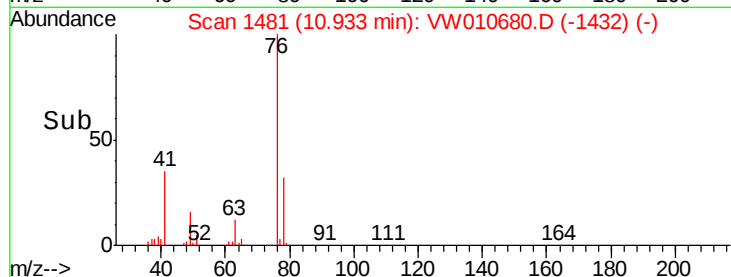
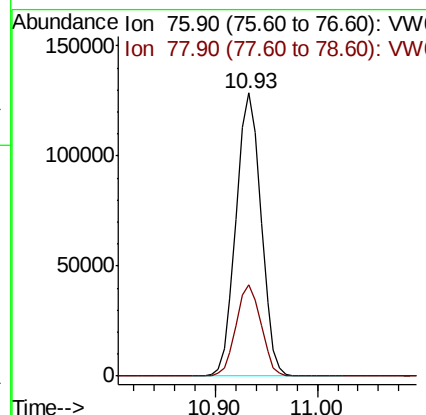
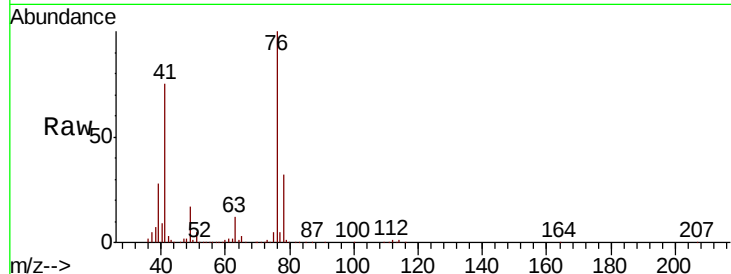




#57
 1,3-Dichloropropane
 Concen: 56.763 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

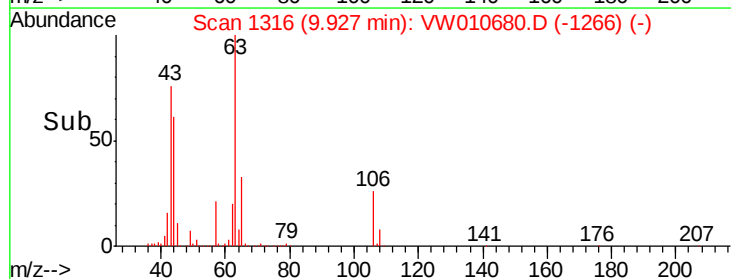
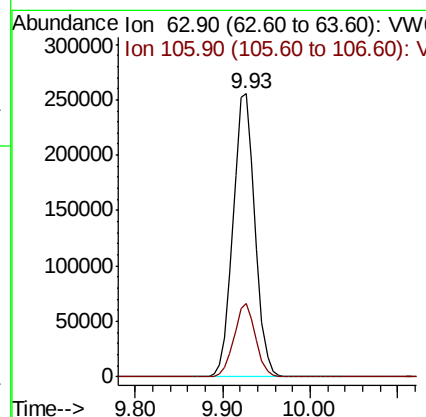
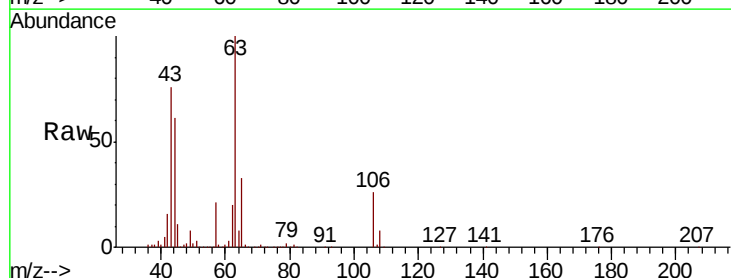
Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW060419

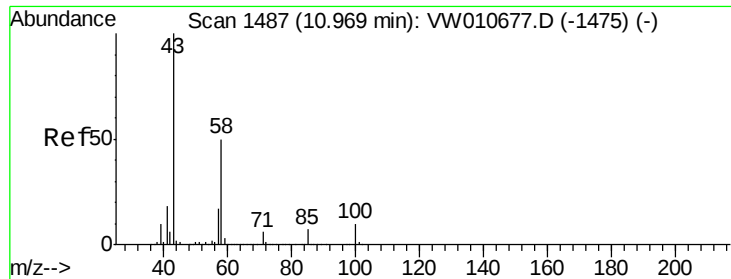
Tot Ion: 76 Resp: 218010
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 271.455 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion: 63 Resp: 445873
 Ion Ratio Lower Upper
 63 100
 106 25.4 20.1 30.1

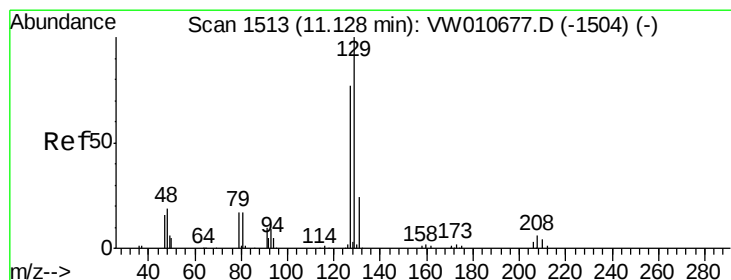
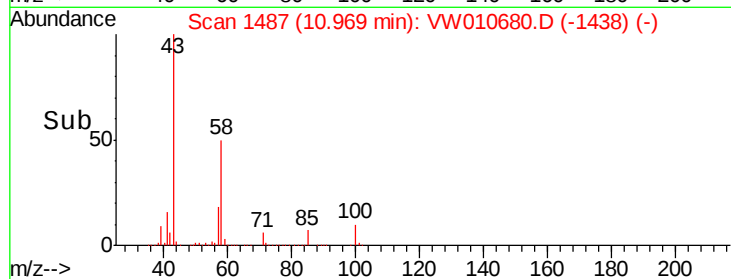
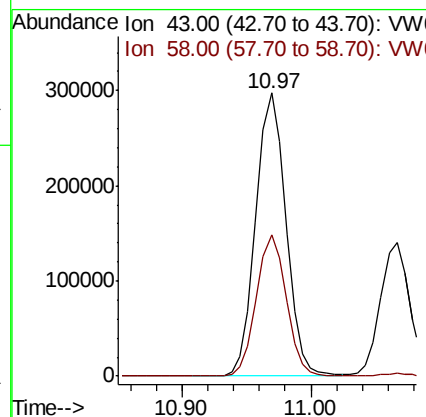
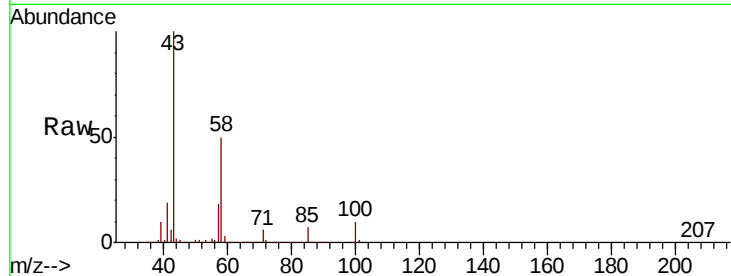




#59
2-Hexanone
Concen: 288.549 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

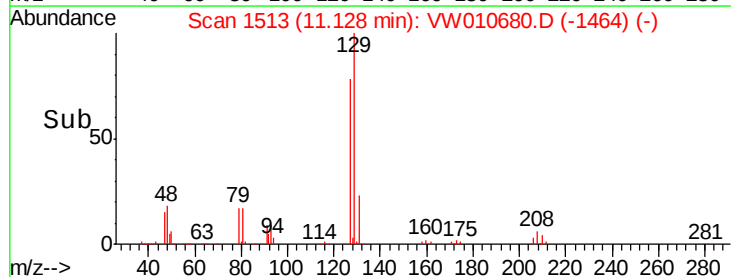
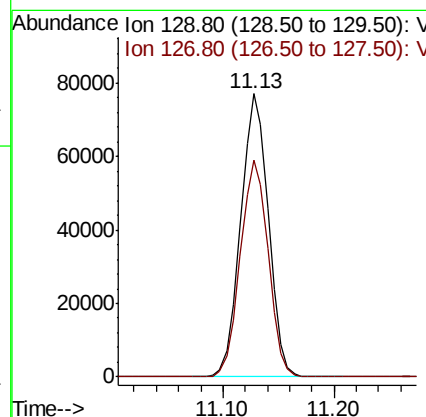
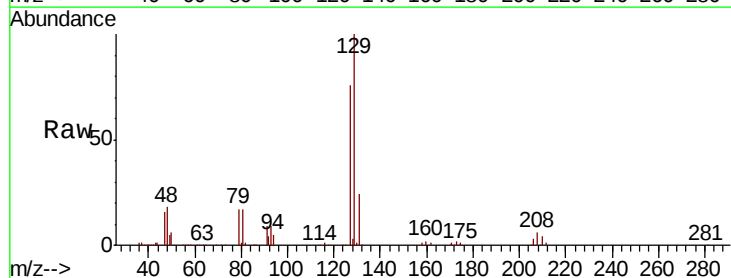
Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

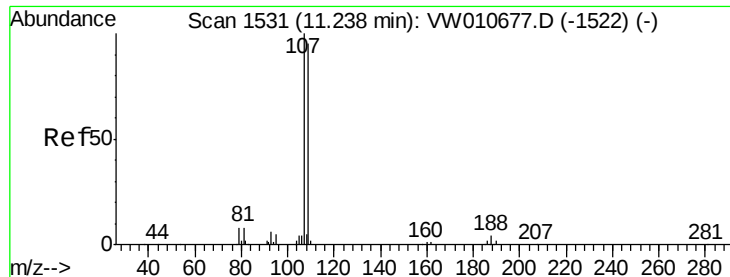
Tot Ion: 43 Resp: 481044
Ion Ratio Lower Upper
43 100
58 49.6 24.9 74.6



#60
Dibromochloromethane
Concen: 58.518 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion: 129 Resp: 132202
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

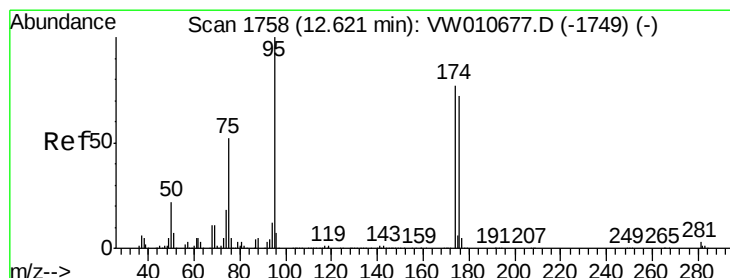
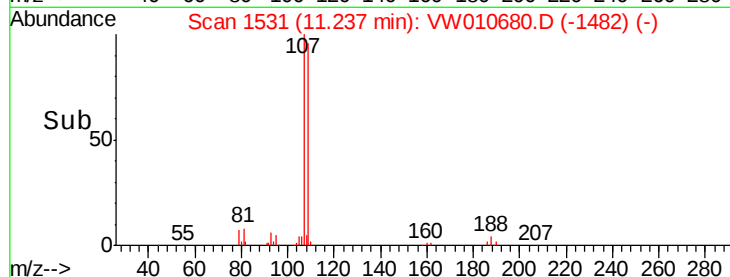
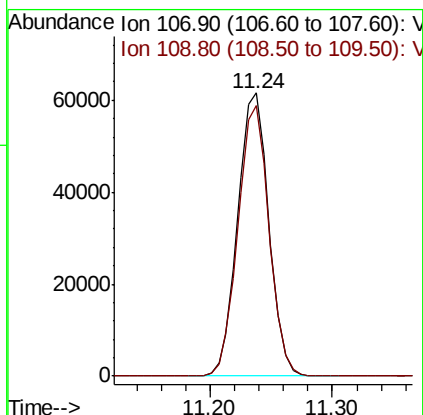
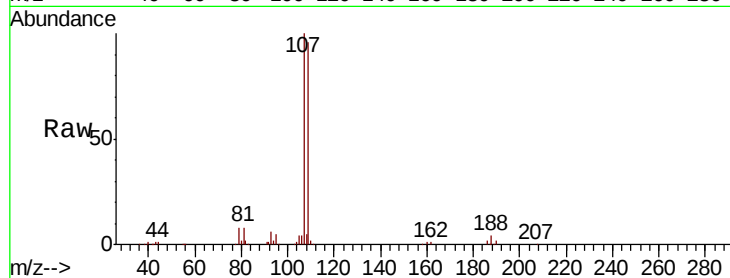




#61
1,2-Dibromoethane
Concen: 56.057 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

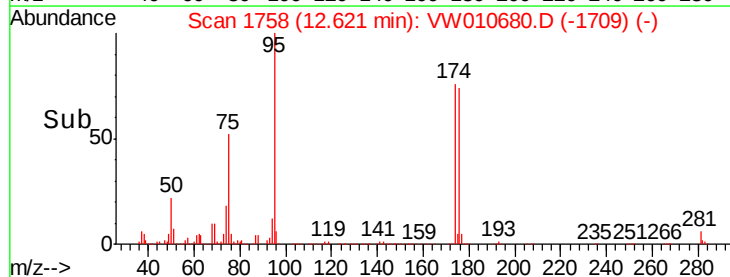
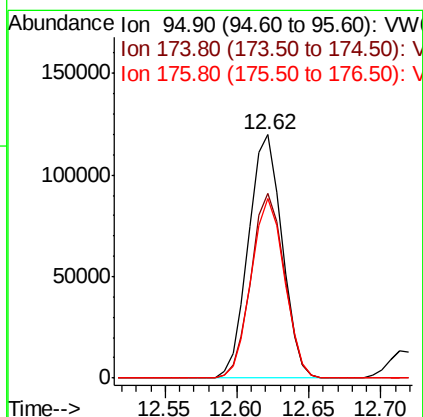
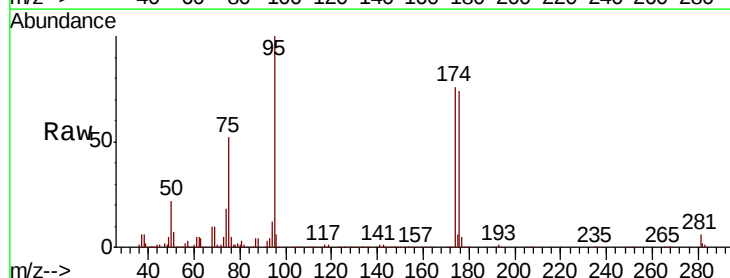
Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

Tot Ion: 107 Resp: 108243
Ion Ratio Lower Upper
107 100
109 95.4 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 54.308 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion: 95 Resp: 193804
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.4
176 73.3 0.0 144.8

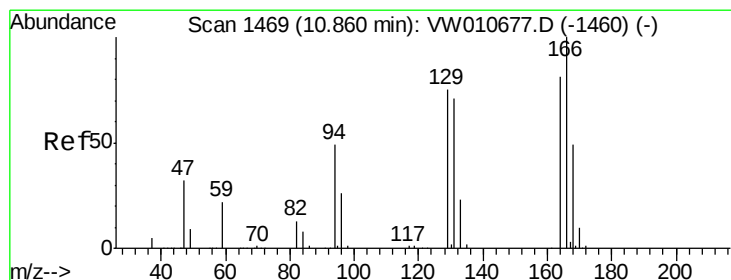
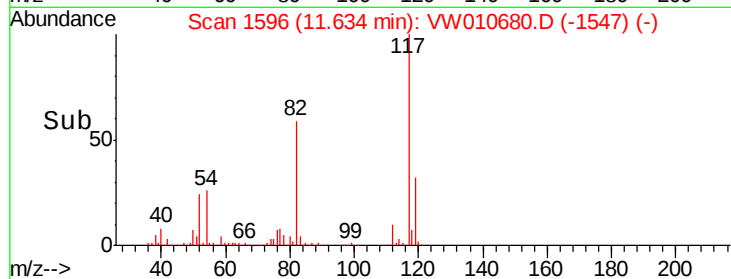
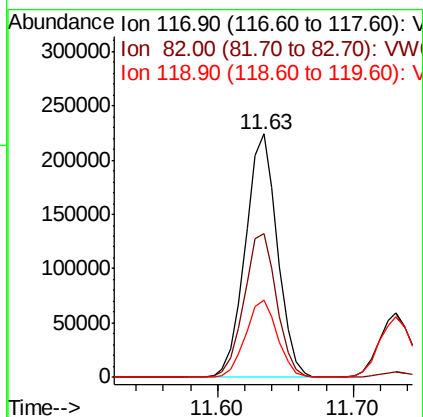
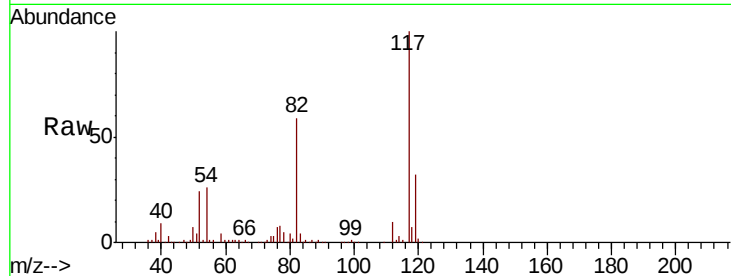




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

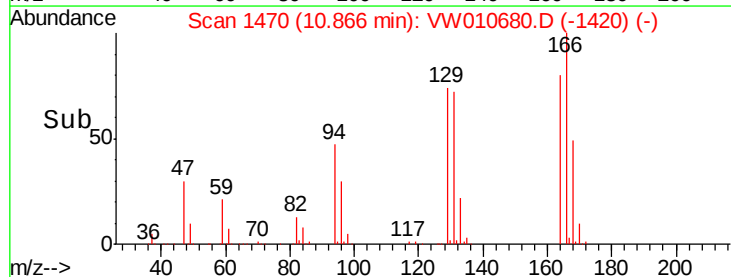
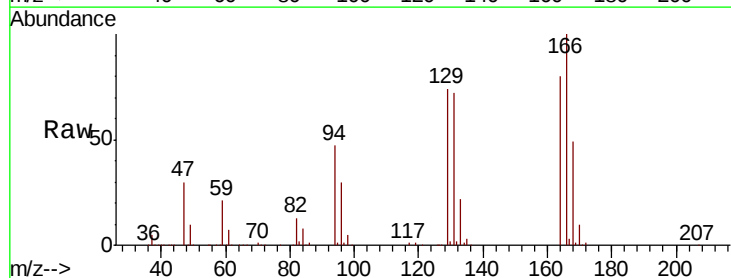
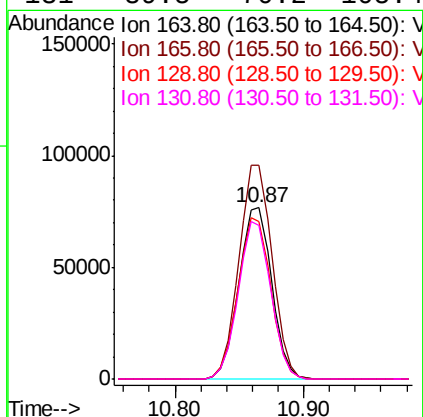
Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

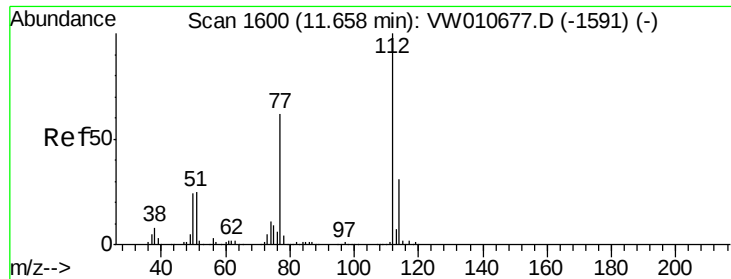
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.0	70.4
119	31.8	25.1	37.7



#64
Tetrachloroethene
Concen: 55.289 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	99.2	148.8
129	92.2	74.6	112.0
131	89.5	70.2	105.4

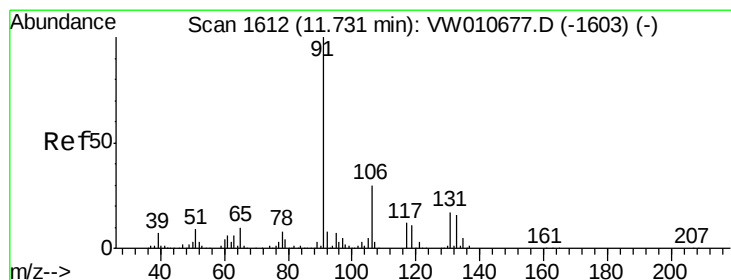
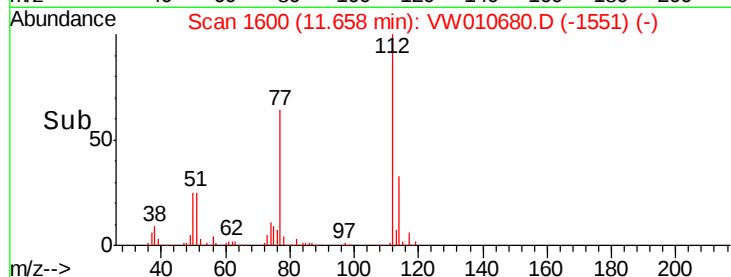
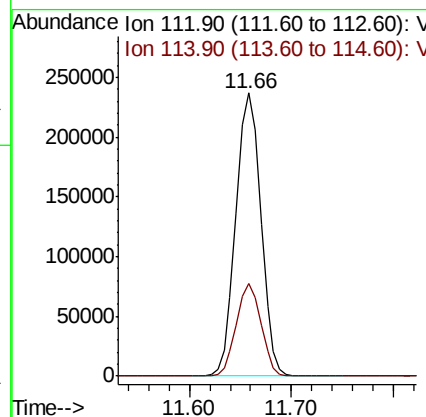
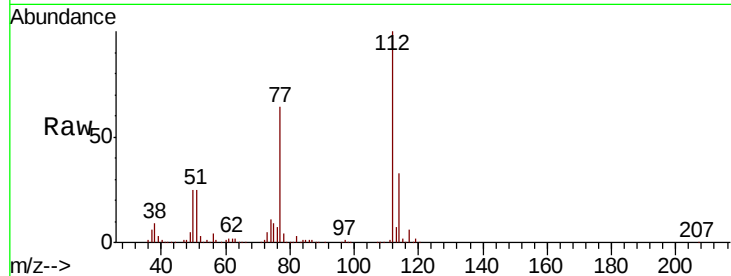




#65
Chlorobenzene
Concen: 55.379 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

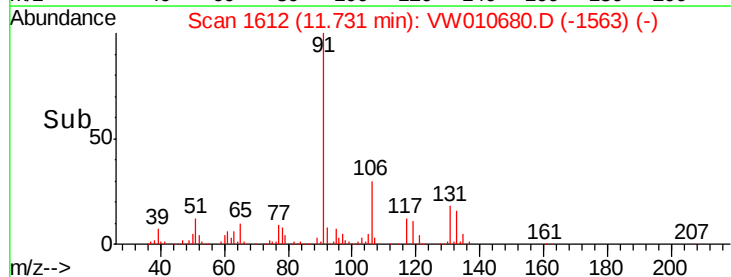
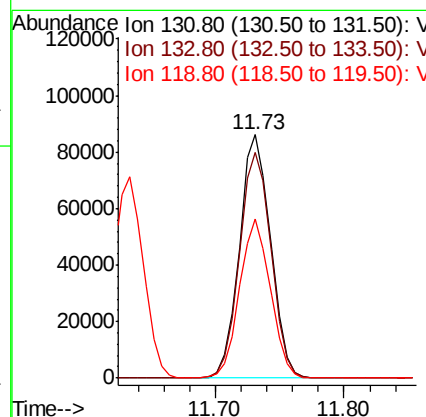
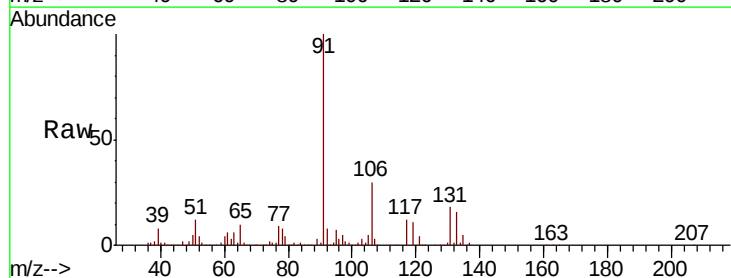
Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

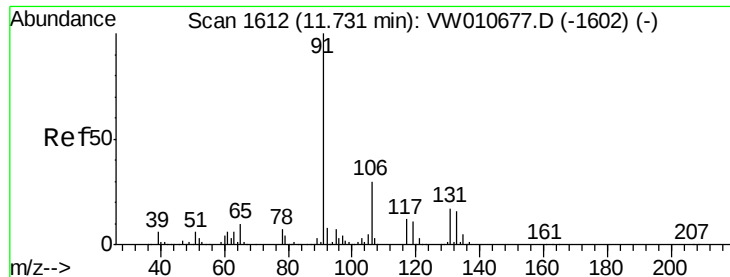
Tot Ion:112 Resp: 401731
Ion Ratio Lower Upper
112 100
114 32.8 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 57.373 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion:131 Resp: 144073
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.9
119 64.6 32.4 97.0

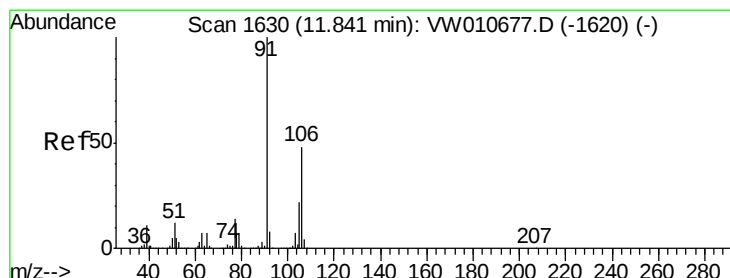
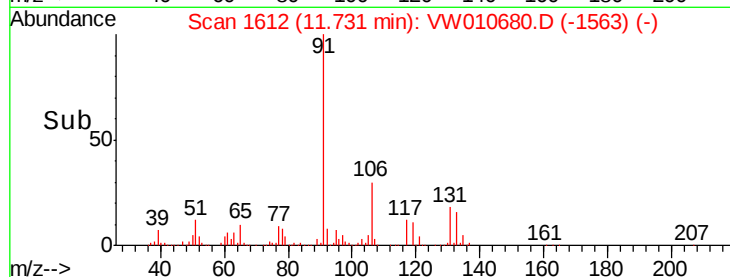
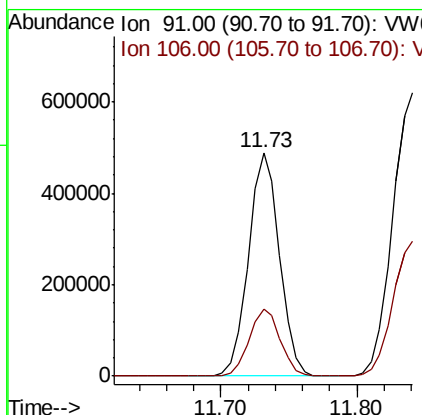
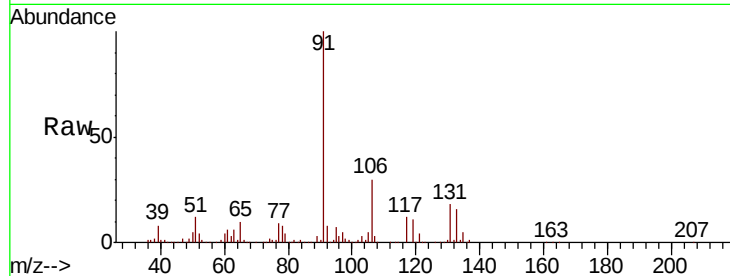




#67
Ethyl Benzene
Concen: 55.863 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

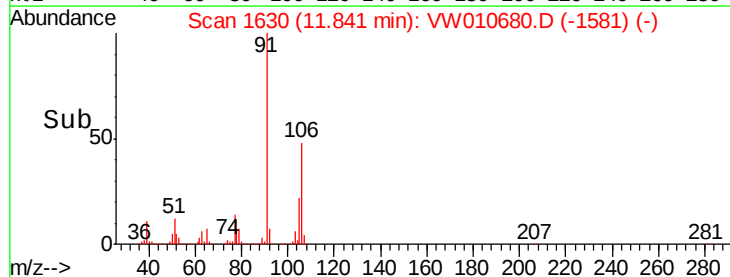
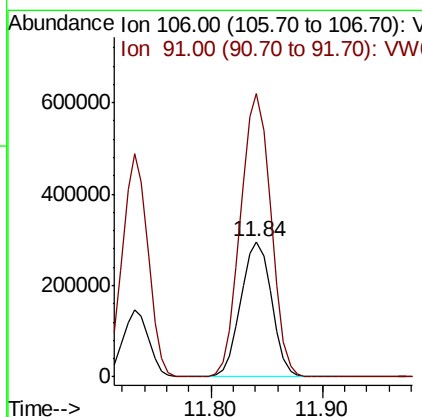
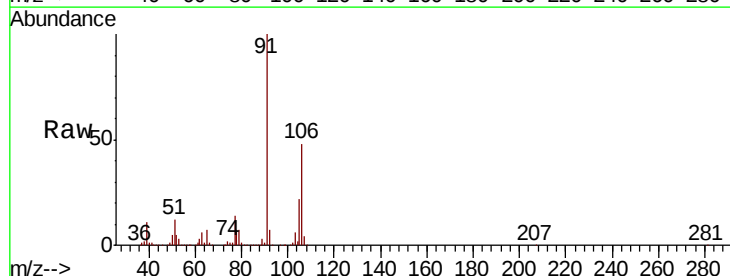
Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

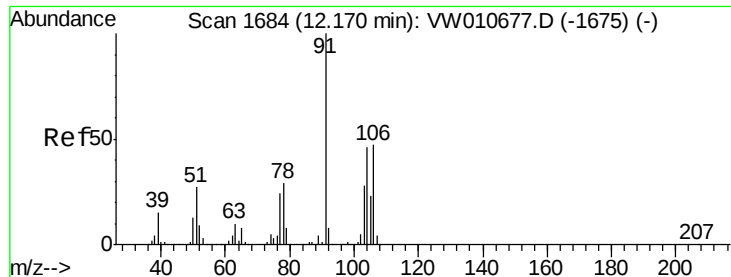
Tot Ion: 91 Resp: 778827
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.4



#68
m/p-Xylenes
Concen: 113.254 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion: 106 Resp: 565222
Ion Ratio Lower Upper
106 100
91 208.2 166.5 249.7

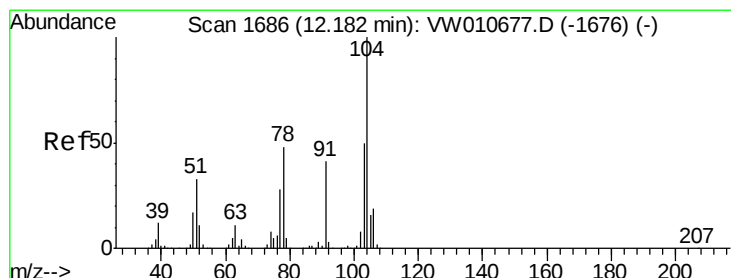
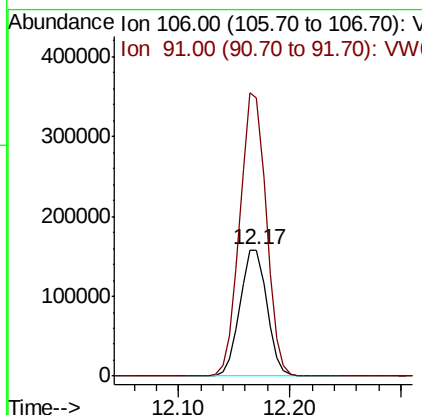
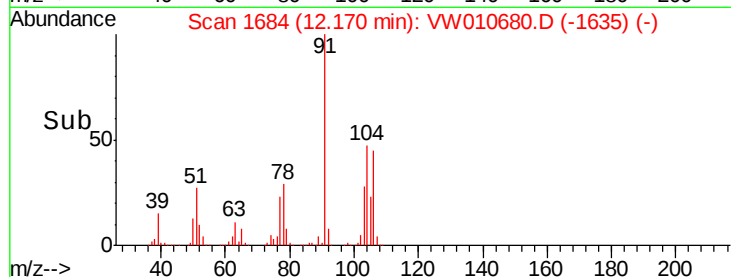
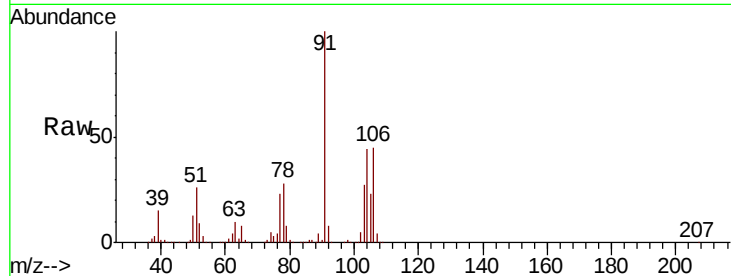




#69
o-Xylene
Concen: 56.343 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

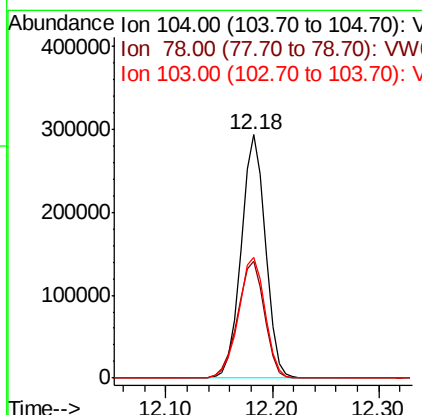
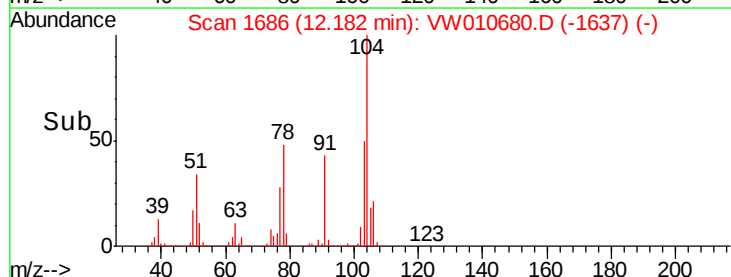
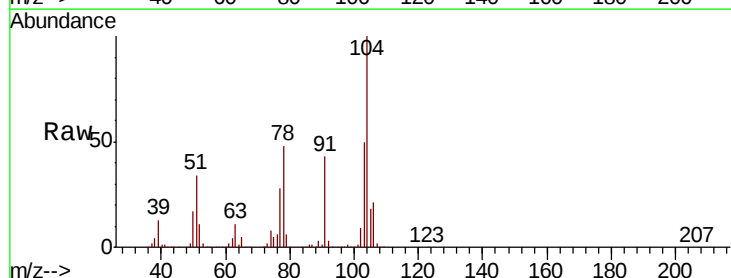
Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

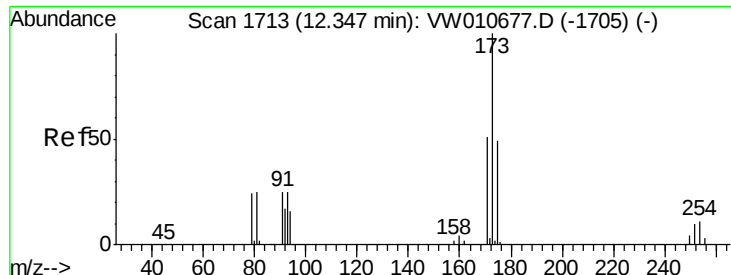
Tot Ion:106 Resp: 266688
Ion Ratio Lower Upper
106 100
91 220.0 108.9 326.6



#70
Styrene
Concen: 57.153 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion:104 Resp: 469937
Ion Ratio Lower Upper
104 100
78 53.0 42.7 64.1
103 54.5 43.6 65.4

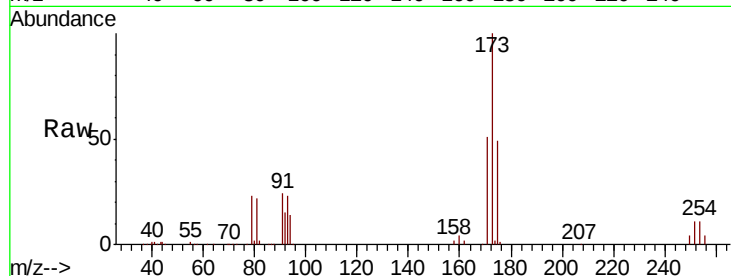




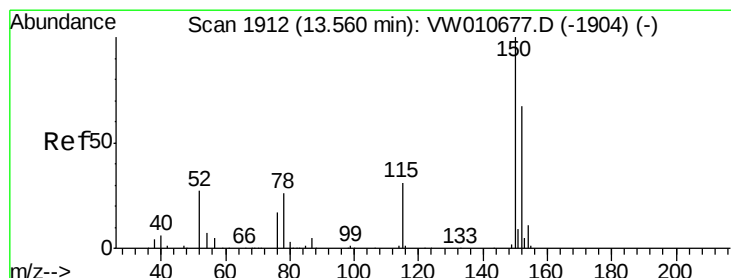
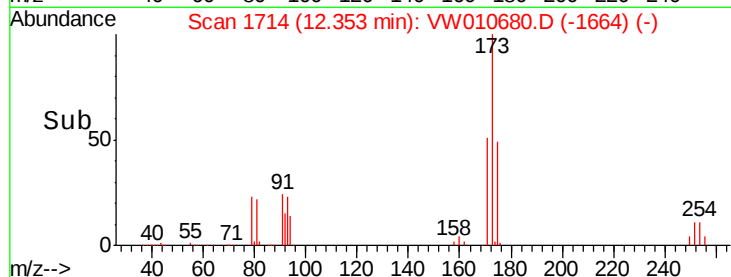
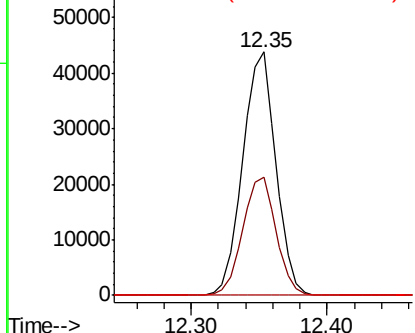
#71
Bromoform
Concen: 57.439 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

Tot Ion:173 Resp: 74598
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.1 0.1 0.1#

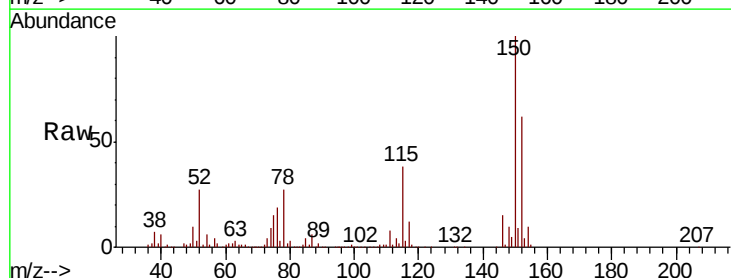


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

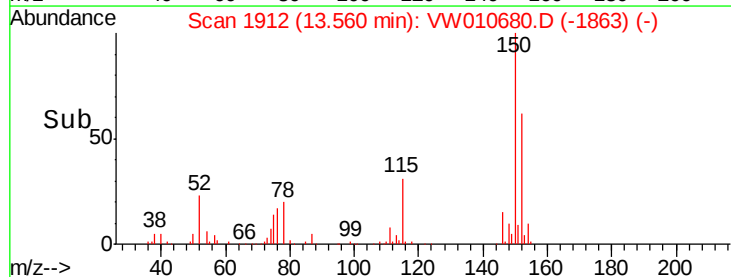
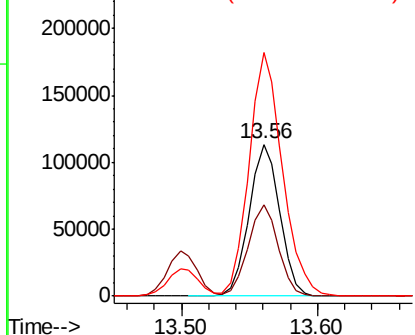


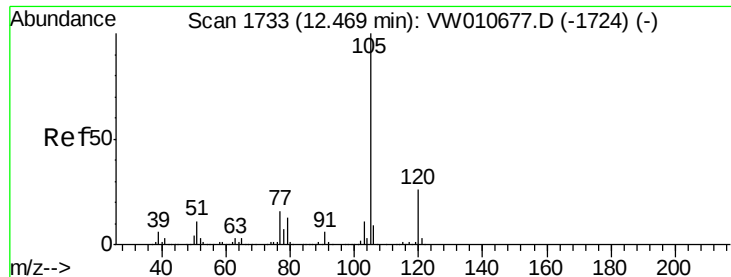
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion:152 Resp: 179335
Ion Ratio Lower Upper
152 100
115 59.2 29.8 89.3
150 174.1 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

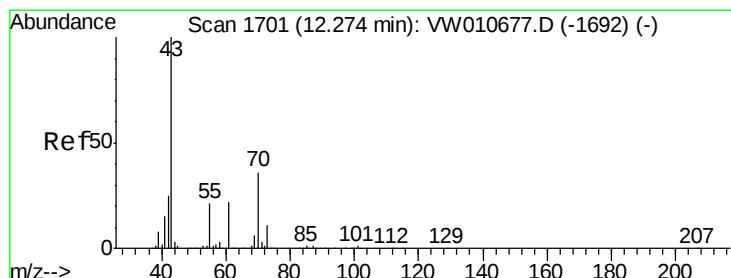
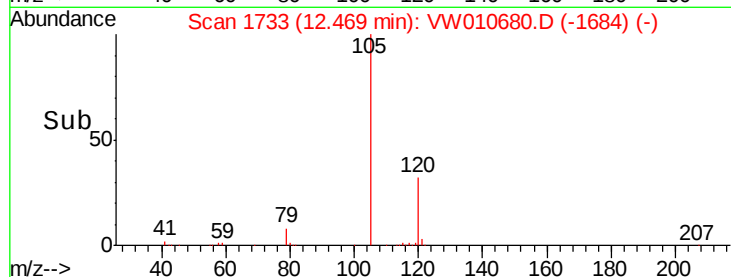
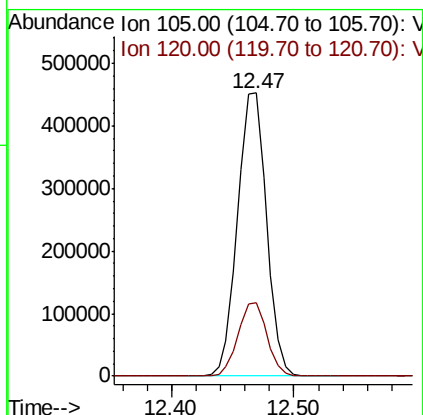
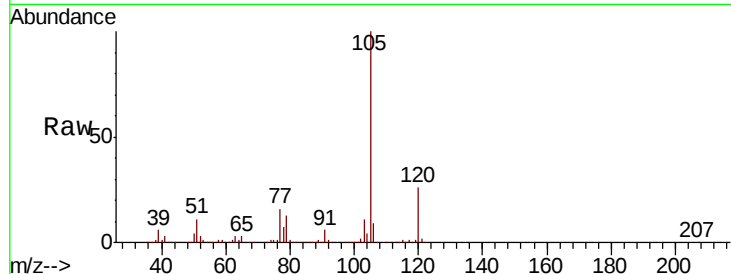




#73
Isopropylbenzene
Concen: 55.104 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

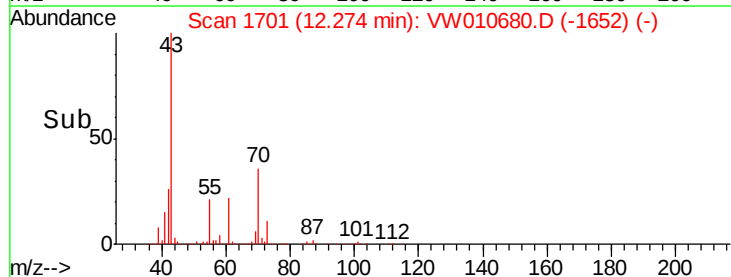
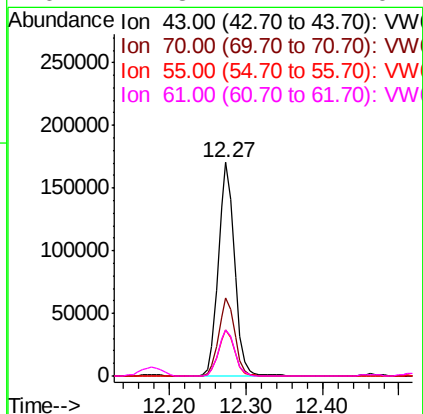
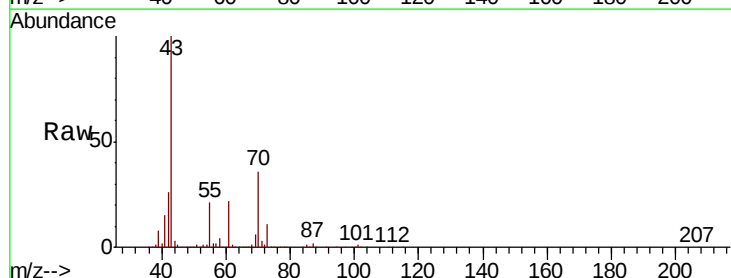
Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

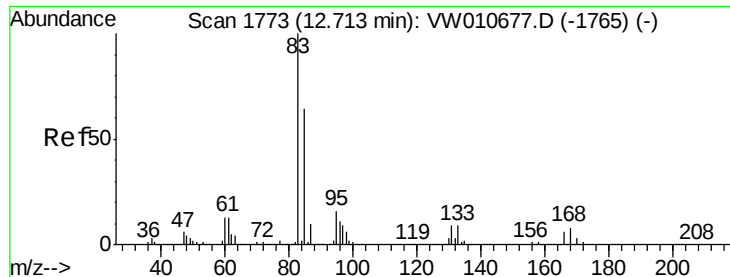
Tot Ion:105 Resp: 742599
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1



#74
N-ethyl acetate
Concen: 56.905 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion: 43 Resp: 247841
Ion Ratio Lower Upper
43 100
70 36.6 29.2 43.8
55 21.9 17.5 26.3
61 21.8 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.506 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampled :

ICVW060419

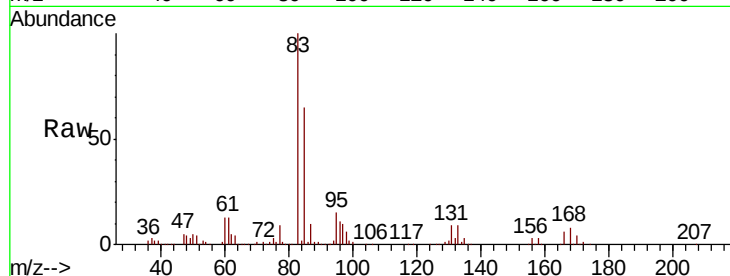
Tot Ion: 83 Resp: 139838

Ion Ratio Lower Upper

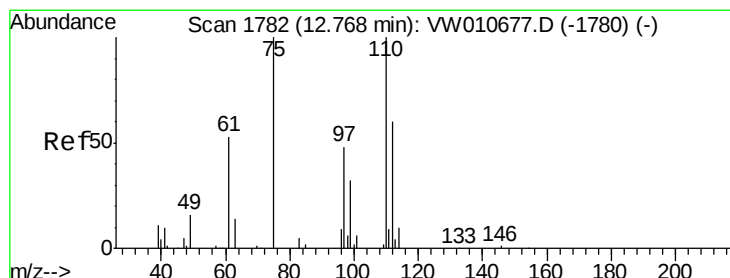
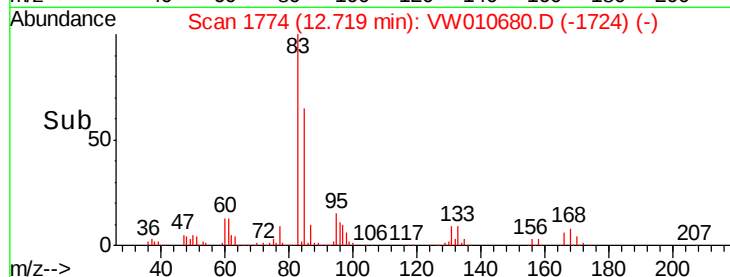
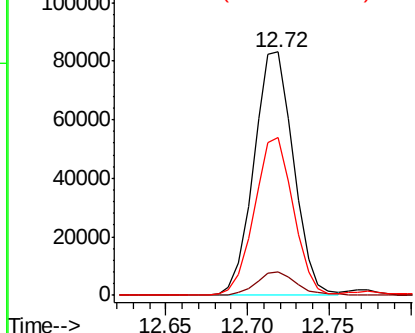
83 100

131 10.0 4.9 14.7

85 63.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 100.128 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010680.D

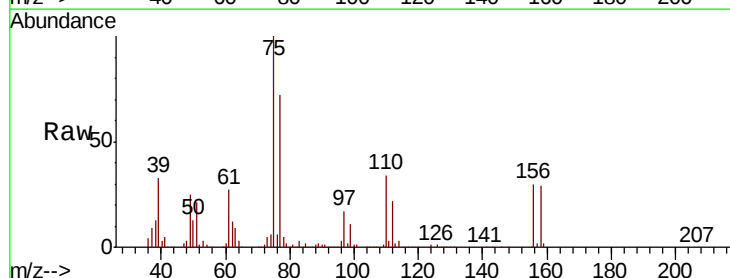
Acq: 04 Jun 2019 18:04

Tgt Ion: 75 Resp: 188567

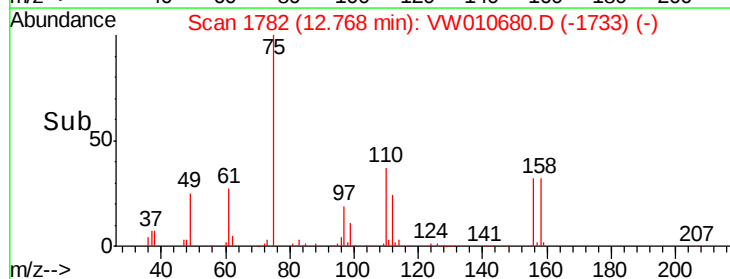
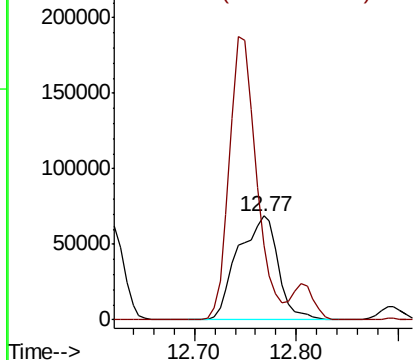
Ion Ratio Lower Upper

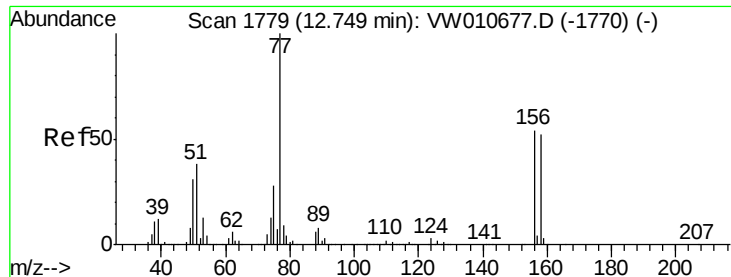
75 100

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: 55.462 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

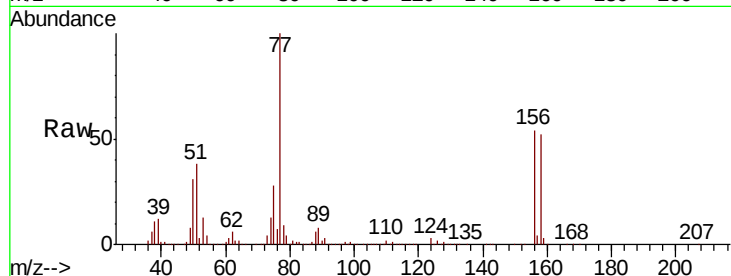
Tot Ion:156 Resp: 163151

Ion Ratio Lower Upper

156 100

77 211.8 106.5 319.4

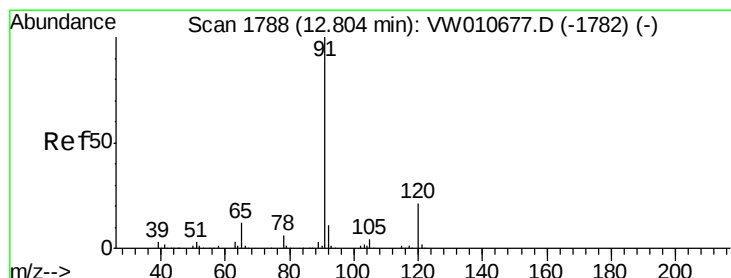
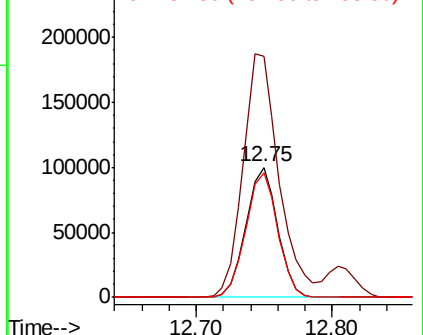
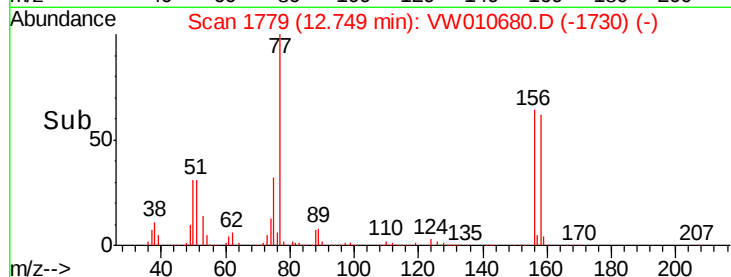
158 96.8 48.3 144.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.619 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010680.D

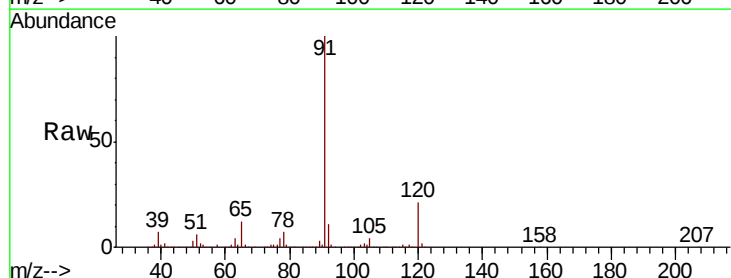
Acq: 04 Jun 2019 18:04

Tgt Ion: 91 Resp: 903801

Ion Ratio Lower Upper

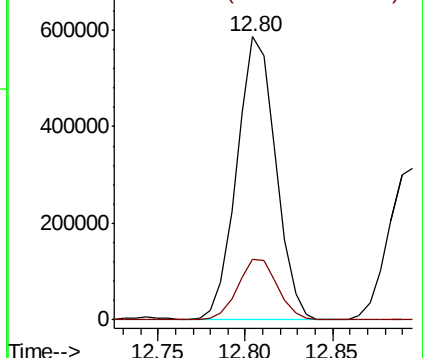
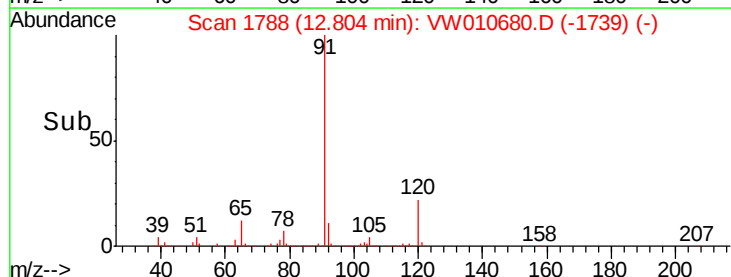
91 100

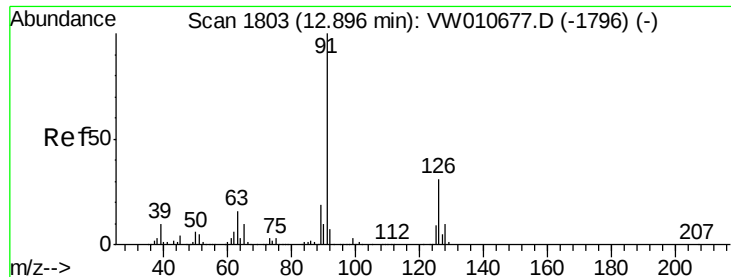
120 21.8 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.131 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

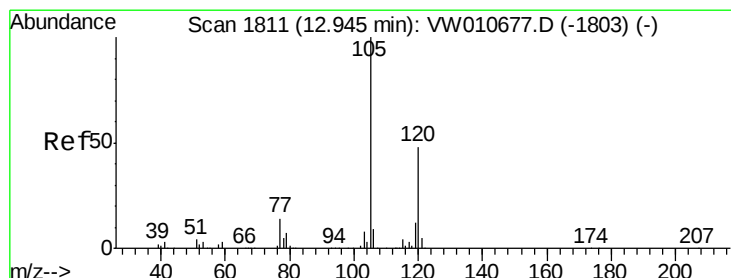
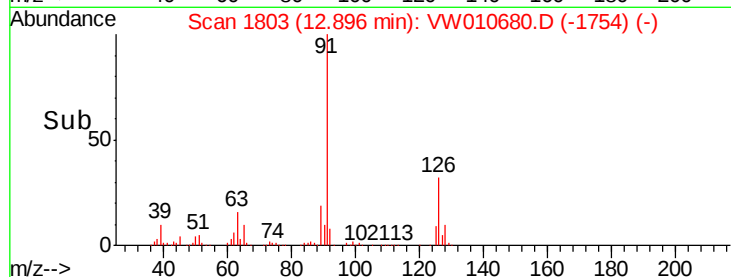
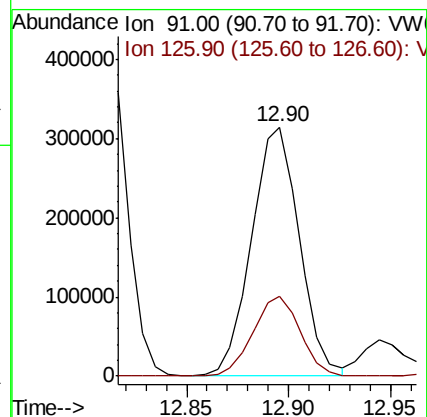
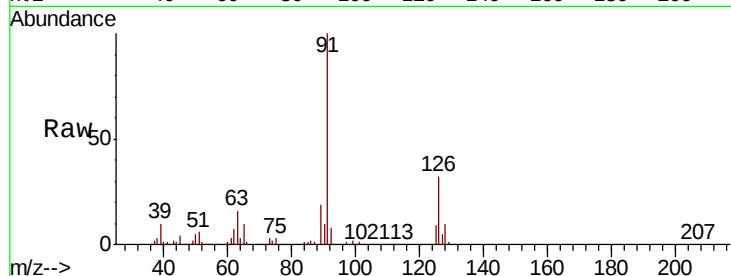
ICVW060419

Tot Ion: 91 Resp: 511826

Ion Ratio Lower Upper

91 100

126 31.7 15.7 47.0



#80

1,3,5-Trimethylbenzene

Concen: 55.968 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010680.D

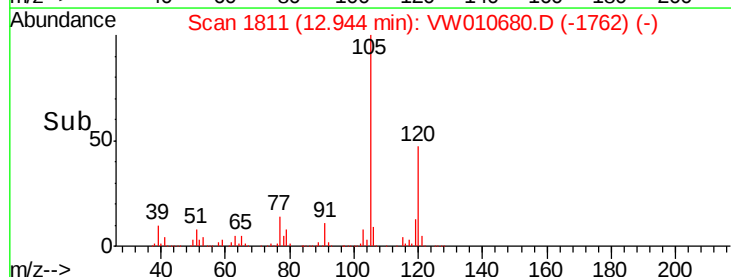
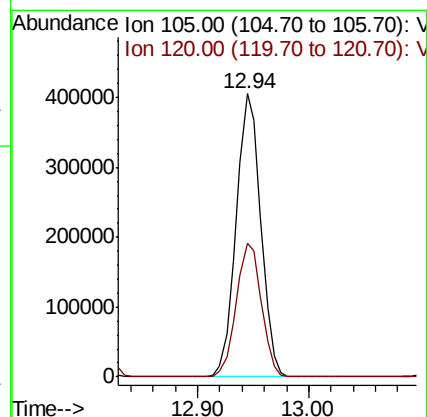
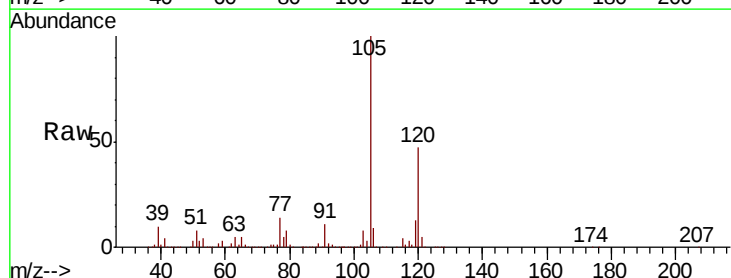
Acq: 04 Jun 2019 18:04

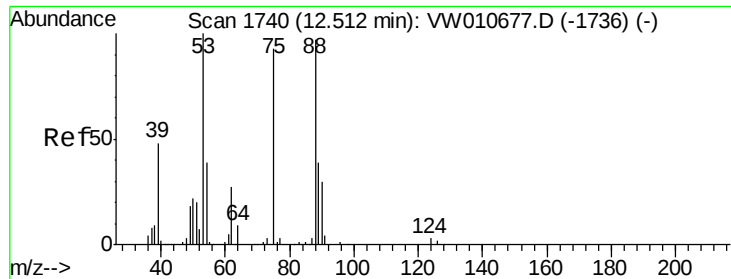
Tgt Ion: 105 Resp: 617360

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 58.495 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

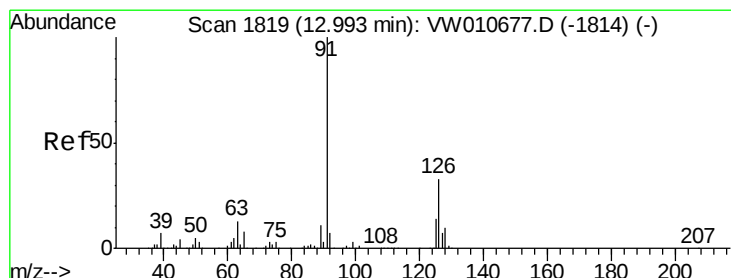
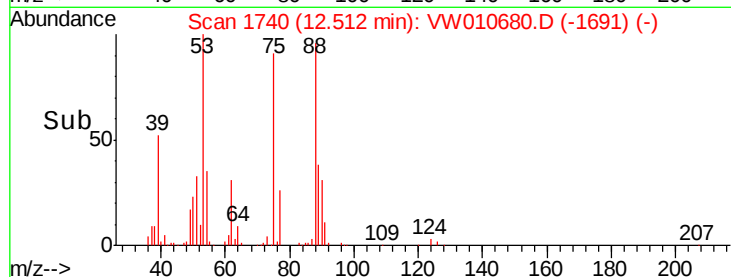
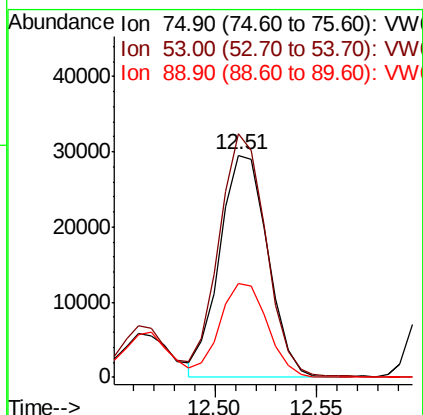
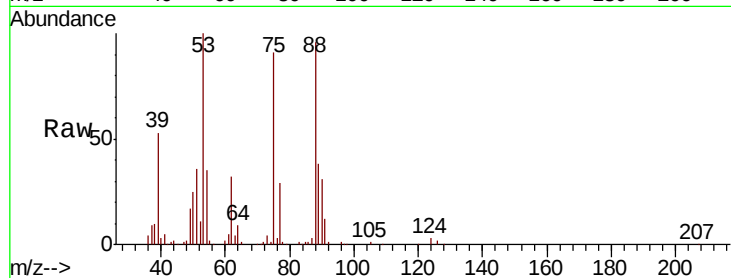
Tot Ion: 75 Resp: 47931

Ion Ratio Lower Upper

75 100

53 107.6 90.1 135.1

89 42.4 34.6 52.0



#82

4-Chlorotoluene

Concen: 55.603 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW010680.D

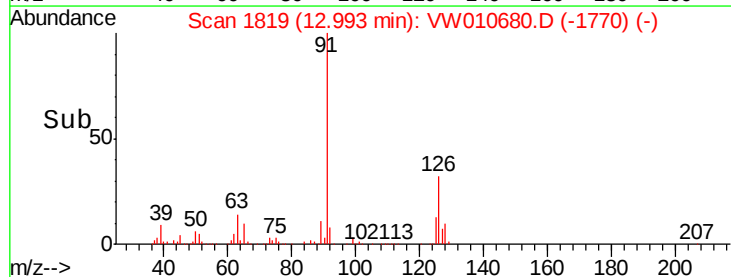
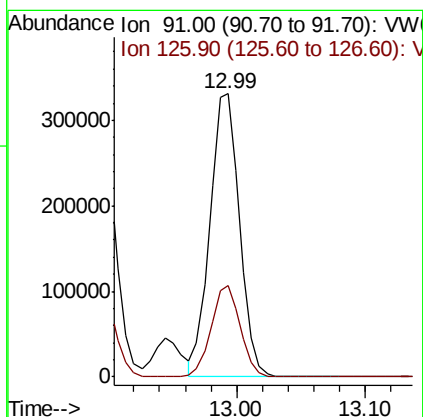
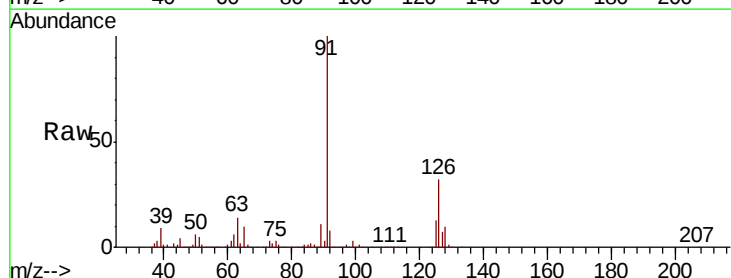
Acq: 04 Jun 2019 18:04

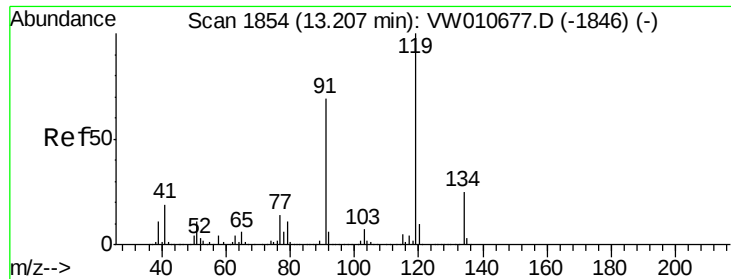
Tgt Ion: 91 Resp: 532706

Ion Ratio Lower Upper

91 100

126 31.8 15.9 47.7

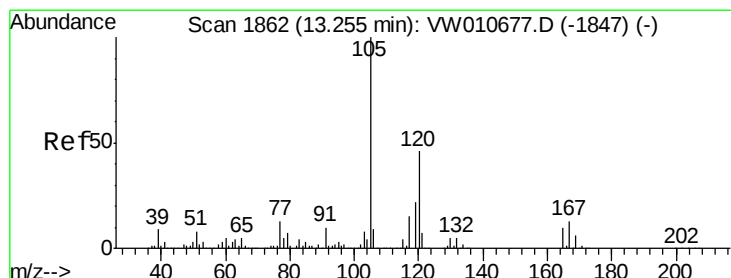
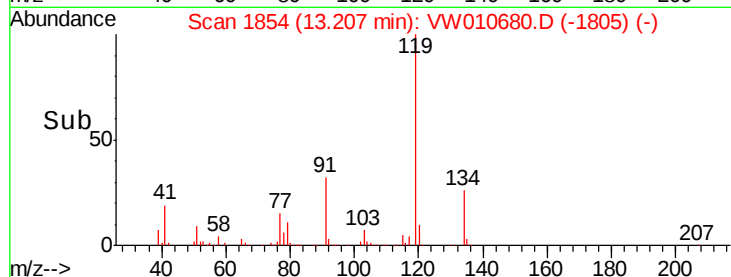
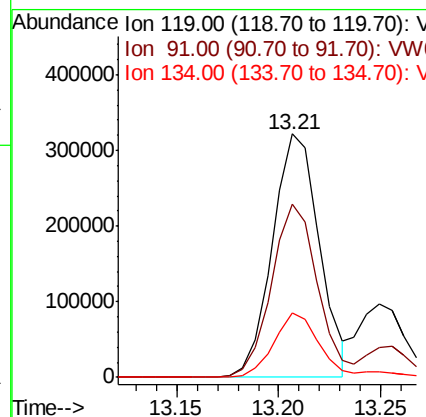
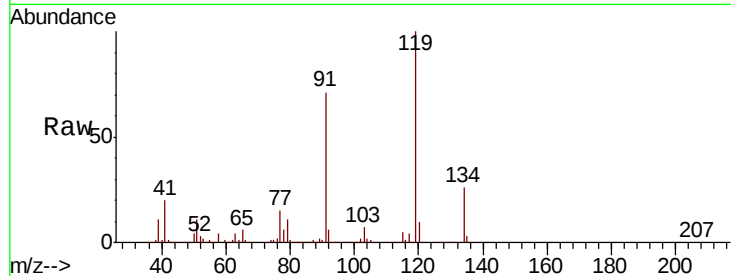




#83
tert-Butylbenzene
Concen: 55.379 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

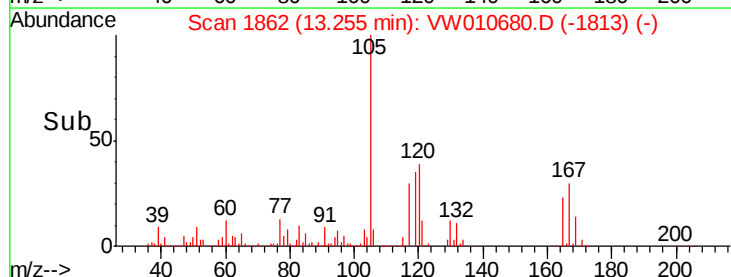
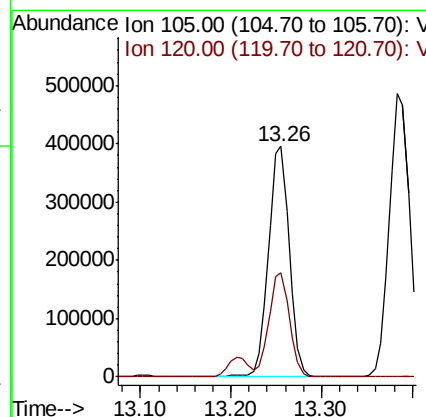
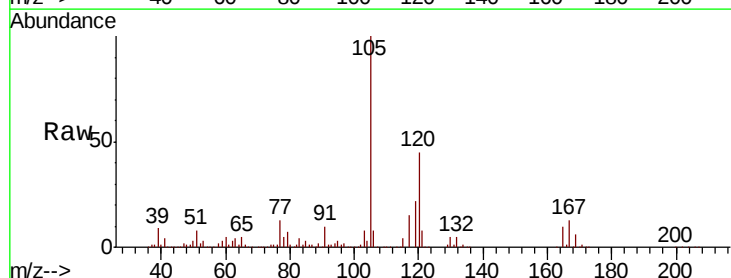
Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

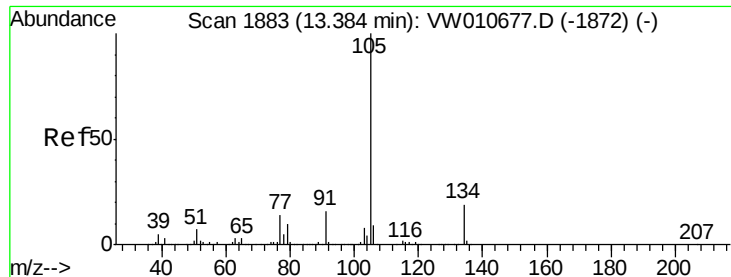
Tot Ion:119 Resp: 518428
Ion Ratio Lower Upper
119 100
91 70.0 35.1 105.3
134 27.4 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 56.602 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion:105 Resp: 628279
Ion Ratio Lower Upper
105 100
120 44.7 22.5 67.5

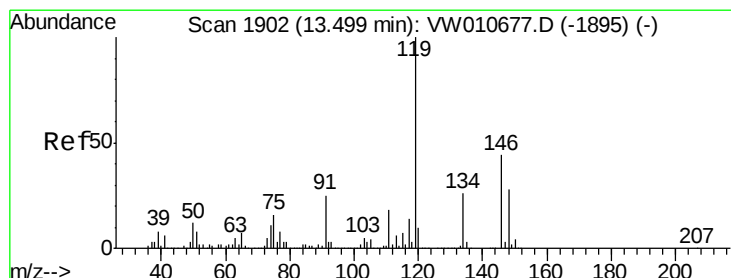
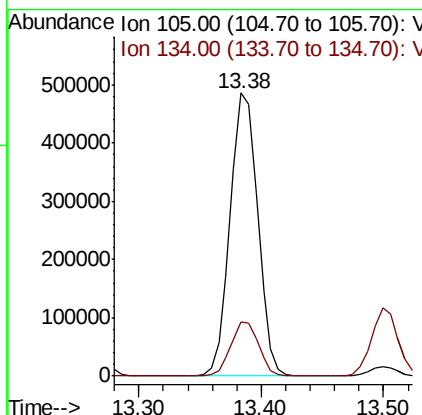
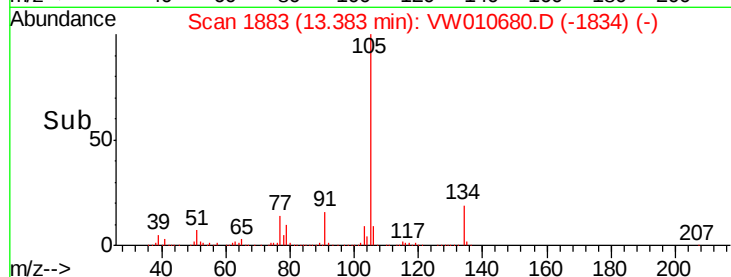
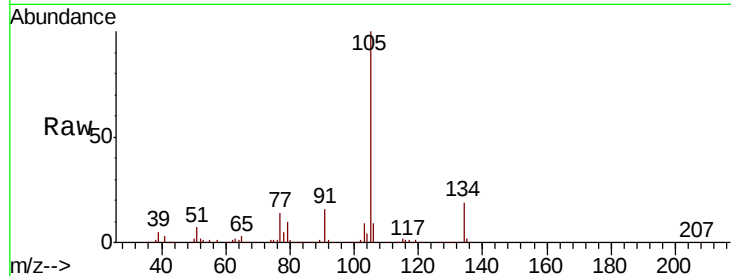




#85
 sec-Butylbenzene
 Concen: 55.655 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

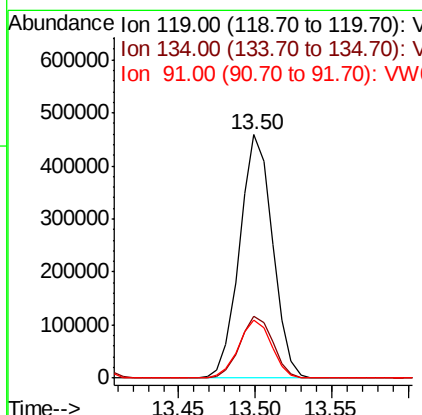
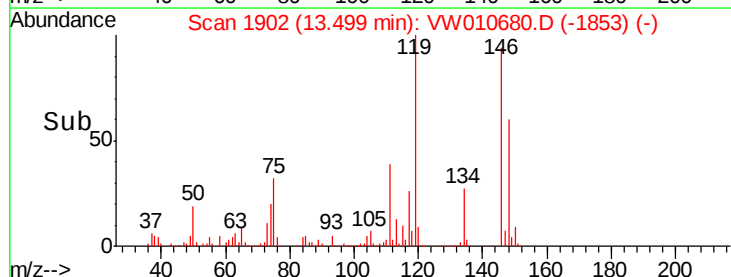
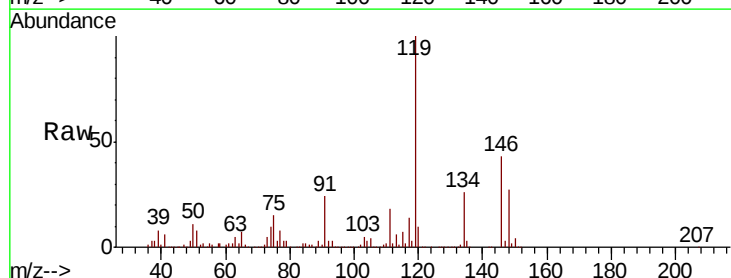
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW060419

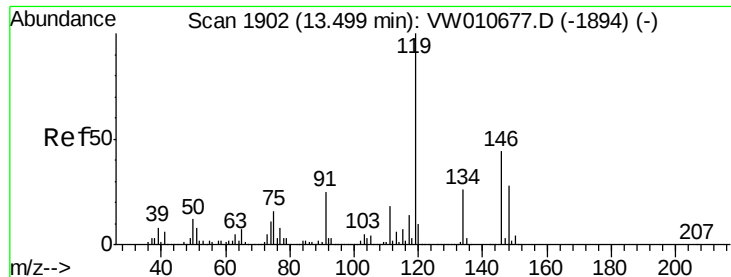
Tot Ion:105 Resp: 758570
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 56.256 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion:119 Resp: 685681
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 24.1 12.2 36.4

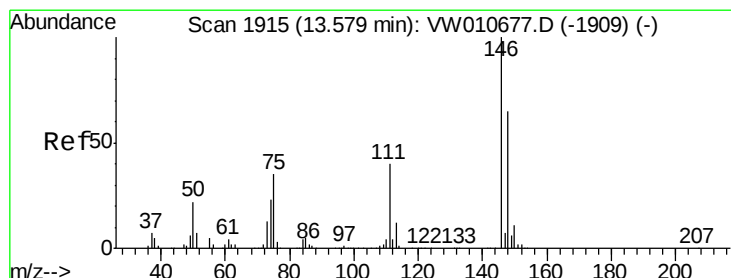
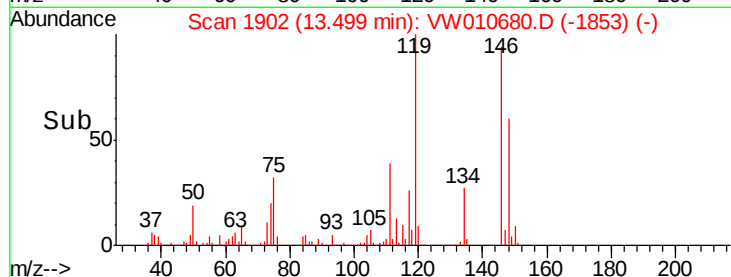
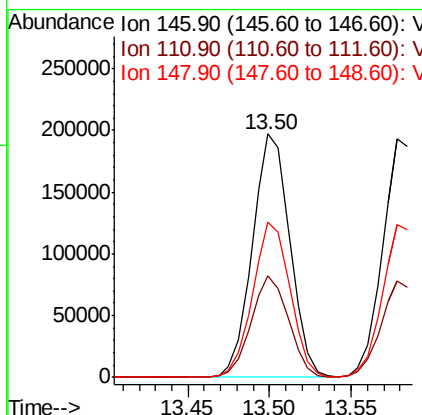
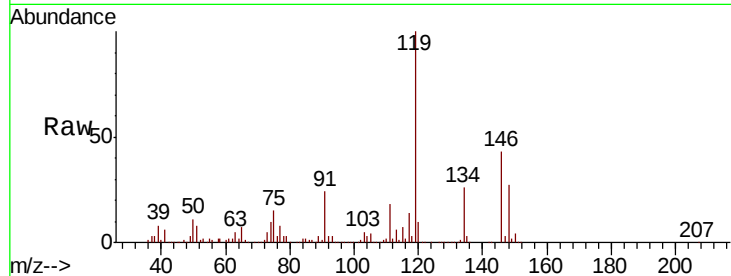




#87
1,3-Dichlorobenzene
Concen: 55.740 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

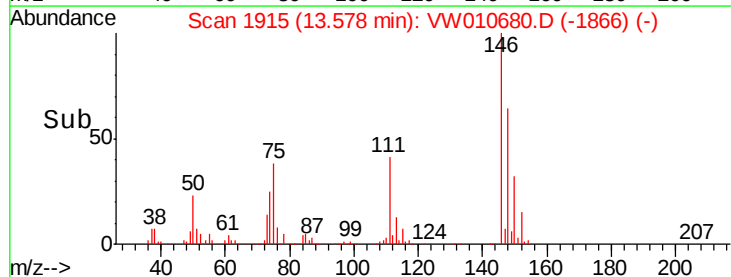
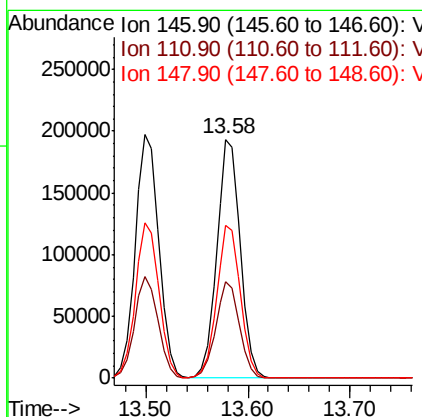
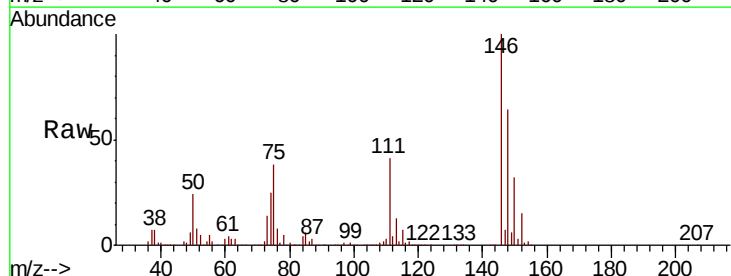
Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

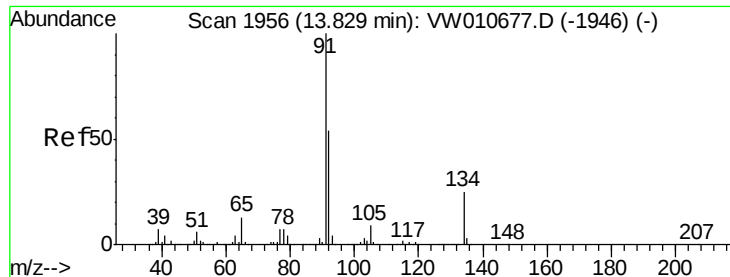
Tot Ion:146 Resp: 316207
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 63.6 31.5 94.5



#88
1,4-Dichlorobenzene
Concen: 55.172 ug/l
RT: 13.58 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion:146 Resp: 310290
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.9
148 64.5 32.4 97.2





#89

n-Butylbenzene

Concen: 56.989 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

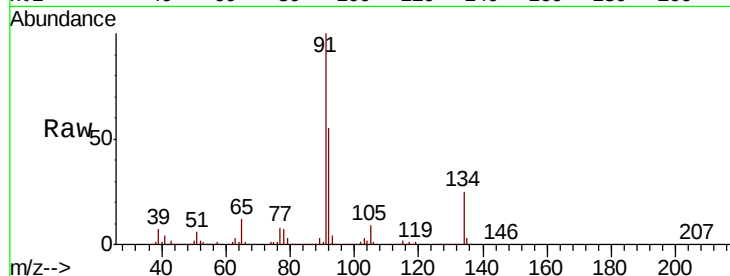
Tot Ion: 91 Resp: 693057

Ion Ratio Lower Upper

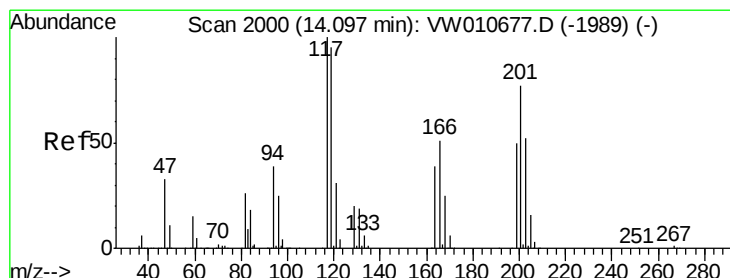
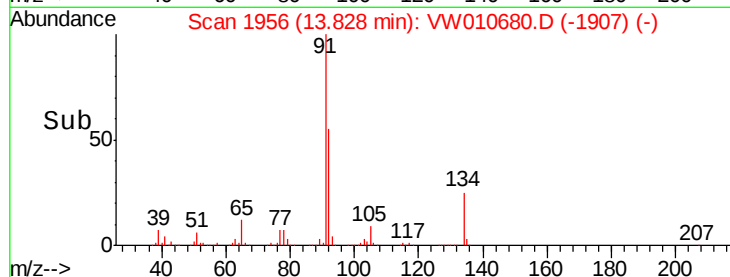
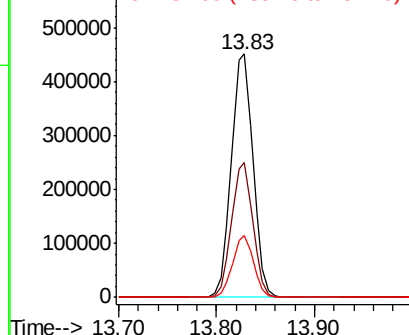
91 100

92 54.5 27.3 81.8

134 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 56.674 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010680.D

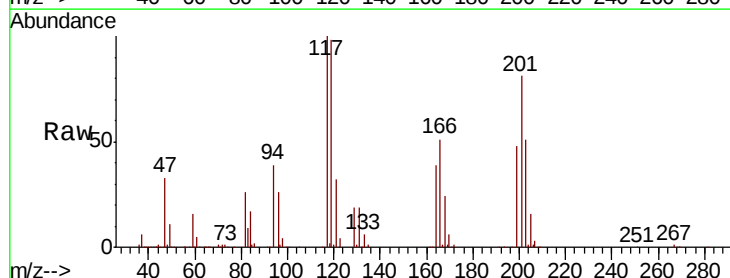
Acq: 04 Jun 2019 18:04

Tgt Ion: 117 Resp: 123708

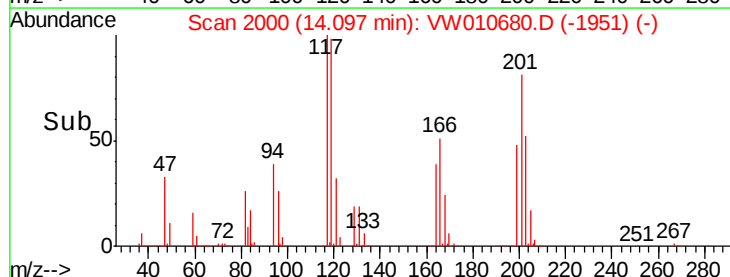
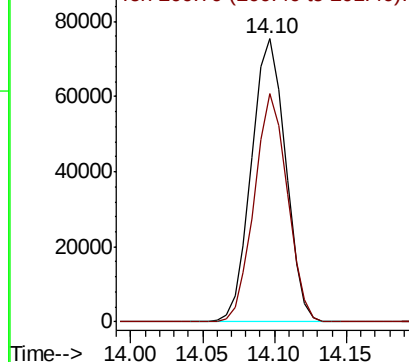
Ion Ratio Lower Upper

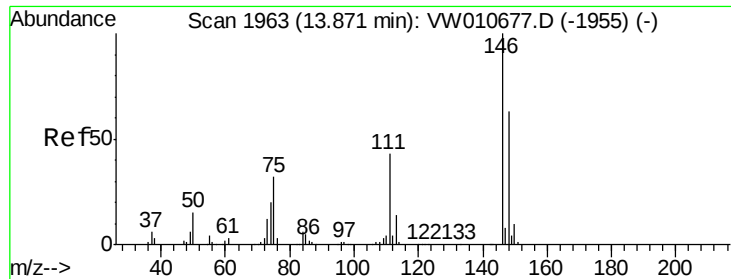
117 100

201 78.1 38.8 116.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 55.155 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

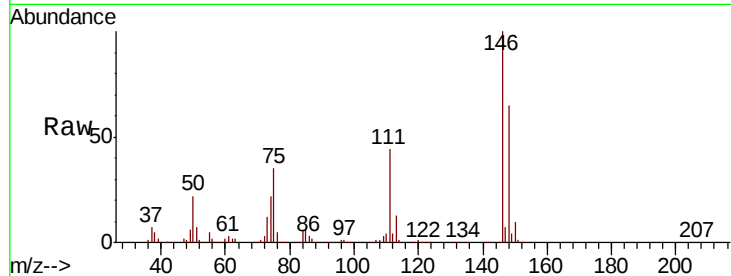
Tot Ion:146 Resp: 281379

Ion Ratio Lower Upper

146 100

111 43.1 21.5 64.5

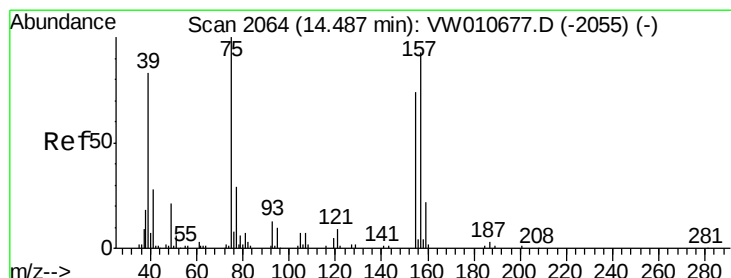
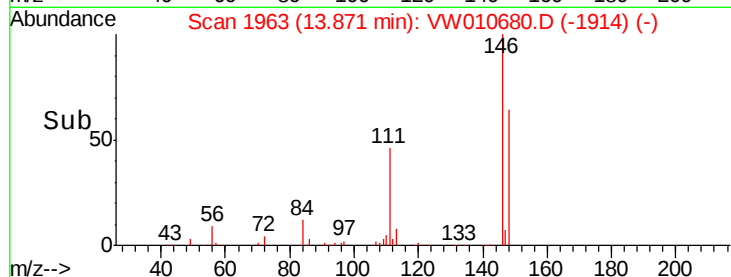
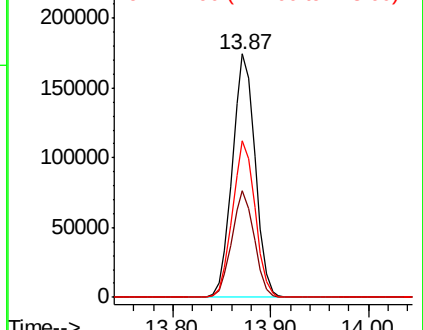
148 64.0 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.929 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

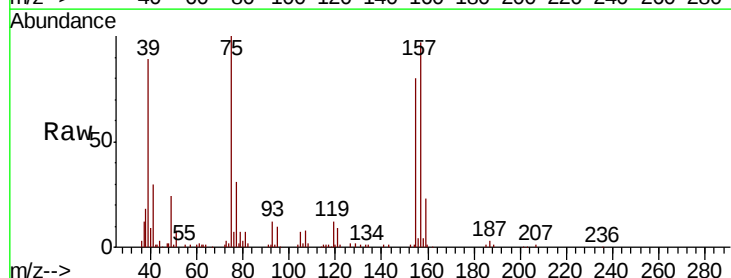
Tgt Ion: 75 Resp: 25521

Ion Ratio Lower Upper

75 100

155 75.8 38.8 116.4

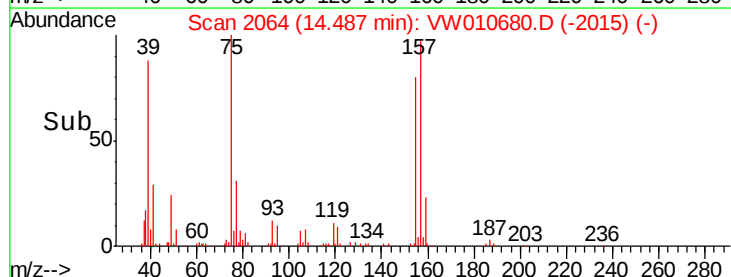
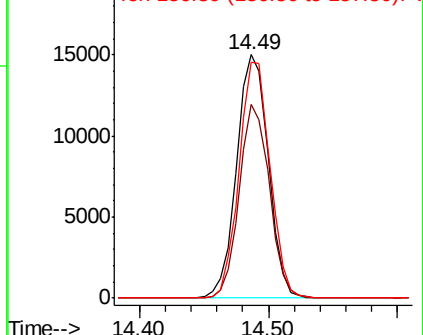
157 94.7 48.4 145.0

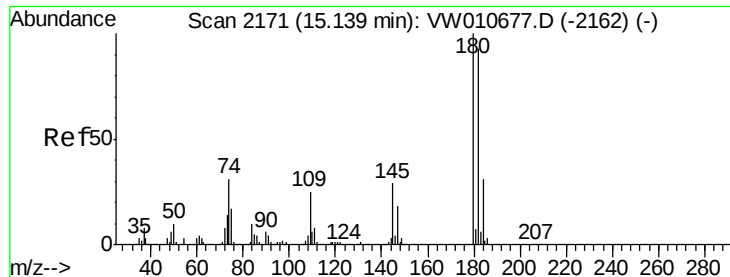


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

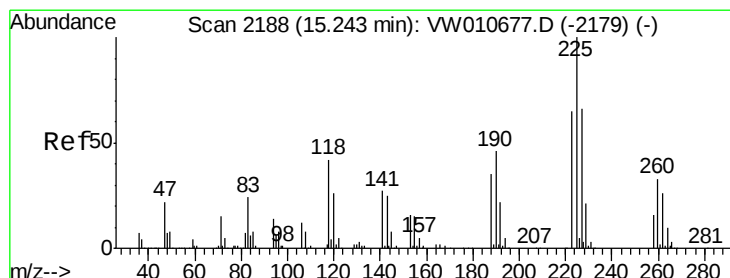
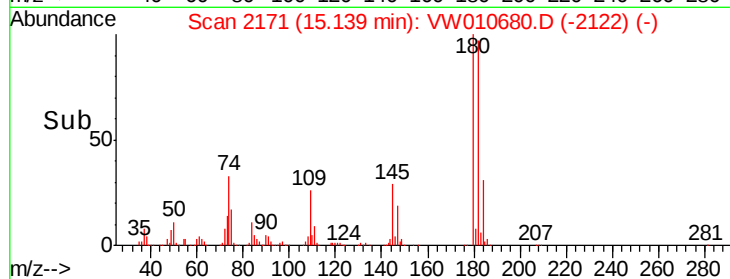
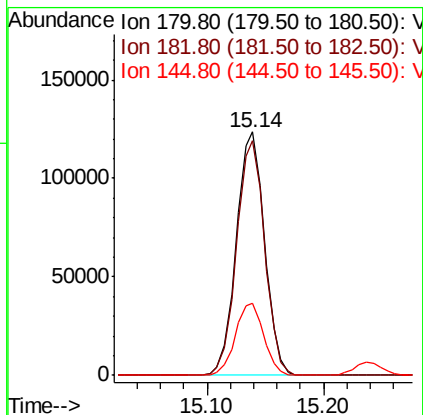
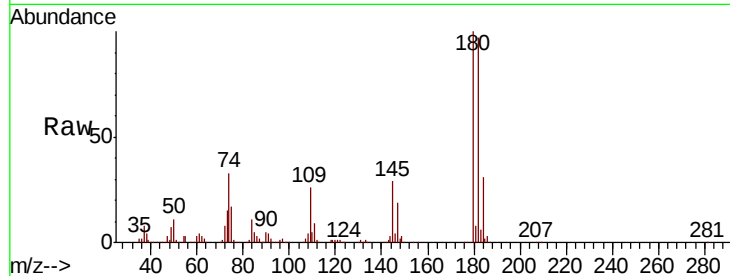




#93
 1,2,4-Trichlorobenzene
 Concen: 58.305 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

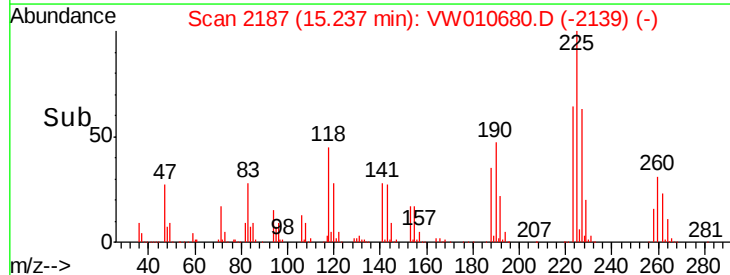
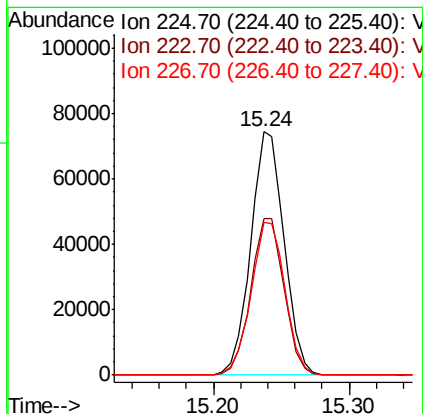
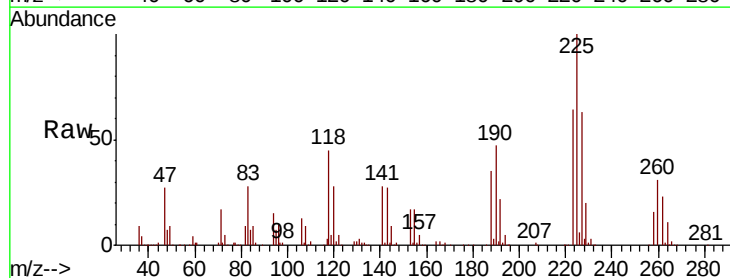
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW060419

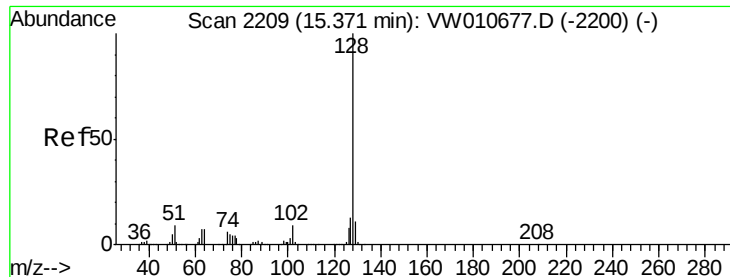
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.1	141.4
145	29.8	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 56.881 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.2	96.6
227	63.8	32.0	96.0

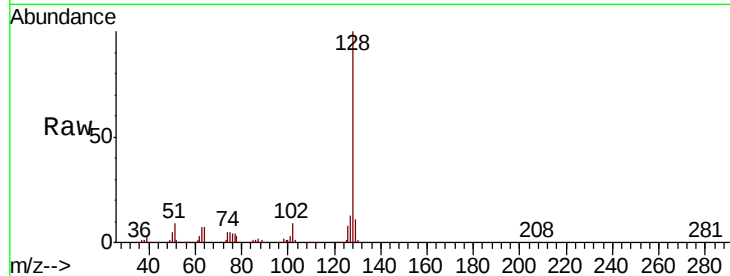




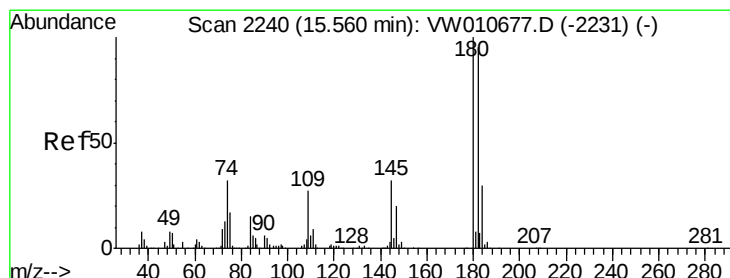
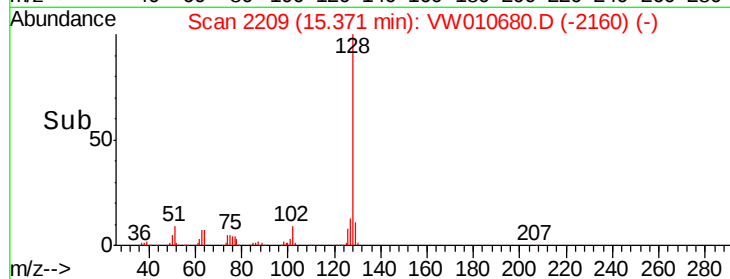
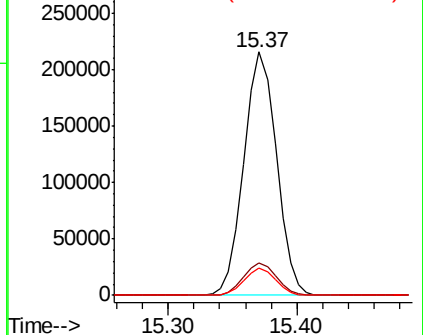
#95
Naphthalene
Concen: 58.250 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

Tot Ion:128 Resp: 378889
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 11.0 8.6 13.0

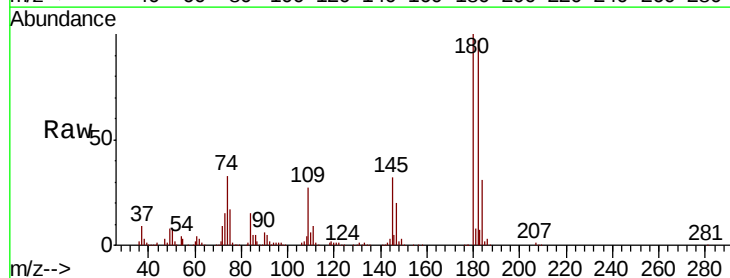


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 58.779 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion:180 Resp: 178961
Ion Ratio Lower Upper
180 100
182 95.4 47.0 141.0
145 31.9 16.1 48.3



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

