

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005840.D
 Acq On : 04 Oct 2018 06:12
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

Quant Time: Oct 04 09:12:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	309738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	290120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	157946	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	117578	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
35) Dibromofluoromethane	7.88	113	101219	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
50) Toluene-d8	10.33	98	411188	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.63	95	153124	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	59922	51.063	ug/l	91
3) Chloromethane	2.21	50	72977	51.608	ug/l	97
4) Vinyl Chloride	2.37	62	104725	50.576	ug/l	100
5) Bromomethane	2.78	94	72546	50.274	ug/l	99
6) Chloroethane	2.93	64	65200	51.483	ug/l	99
7) Trichlorofluoromethane	3.26	101	75624	53.105	ug/l	100
8) Diethyl Ether	3.68	74	55187	51.105	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	96749	49.122	ug/l	99
10) Methyl Iodide	4.27	142	167713	52.479	ug/l	99
11) Tert butyl alcohol	5.21	59	35464	235.269	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	97375	50.457	ug/l	98
13) Acrolein	3.89	56	32335	213.498	ug/l	98
14) Allyl chloride	4.67	41	164477	52.515	ug/l	99
15) Acrylonitrile	5.37	53	115600	252.615	ug/l	100
16) Acetone	4.14	43	102888	247.309	ug/l	98
17) Carbon Disulfide	4.38	76	325380	53.324	ug/l	99
18) Methyl Acetate	4.68	43	58636	49.558	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	165172	54.518	ug/l	96
20) Methylene Chloride	4.92	84	118956	52.466	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	112393	53.357	ug/l	98
22) Diisopropyl ether	6.32	45	332055	54.022	ug/l	99
23) Vinyl Acetate	6.26	43	935112	267.813	ug/l	100
24) 1,1-Dichloroethane	6.22	63	204587	51.295	ug/l	99
25) 2-Butanone	7.18	43	142682	243.807	ug/l	99
26) 2,2-Dichloropropane	7.18	77	122781	49.303	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	122292	52.085	ug/l	99
28) Bromochloromethane	7.51	49	63988	45.423	ug/l	97
29) Tetrahydrofuran	7.54	42	91269	252.629	ug/l	99
30) Chloroform	7.68	83	215682	50.461	ug/l	100
31) Cyclohexane	7.96	56	170714	50.068	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	187074	51.281	ug/l	98
36) 1,1-Dichloropropene	8.09	75	159905	51.937	ug/l	99
37) Ethyl Acetate	7.26	43	64977	50.709	ug/l	98
38) Carbon Tetrachloride	8.07	117	175216	51.075	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	184296	53.173	ug/l	97
40) Benzene	8.33	78	452330	50.692	ug/l	96
41) Methacrylonitrile	7.49	41	42807	55.905	ug/l	97
42) 1,2-Dichloroethane	8.40	62	149828	49.923	ug/l	99
43) Isopropyl Acetate	8.43	43	128740	50.830	ug/l	99
44) Trichloroethene	9.10	130	120586	51.132	ug/l	98
45) 1,2-Dichloropropane	9.37	63	105884	50.112	ug/l	98
46) Dibromomethane	9.46	93	56092	48.539	ug/l	99
47) Bromodichloromethane	9.65	83	150298	49.142	ug/l	94
48) Methyl methacrylate	9.44	41	63073	51.437	ug/l	99
49) 1,4-Dioxane	9.47	88	18144	1004.902	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	333349	252.987	ug/l	100
52) Toluene	10.39	92	296660	52.163	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	154352	51.688	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	173228	51.813	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	81926	49.074	ug/l	97
56) Ethyl methacrylate	10.65	69	107431	53.732	ug/l	99
57) 1,3-Dichloropropane	10.94	76	144463	50.829	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	202774	246.696	ug/l	99
59) 2-Hexanone	10.98	43	227921	258.615	ug/l	99
60) Dibromochloromethane	11.13	129	105699	50.719	ug/l	98
61) 1,2-Dibromoethane	11.24	107	79418	51.213	ug/l	98
64) Tetrachloroethene	10.87	164	119129	52.605	ug/l	97
65) Chlorobenzene	11.66	112	328012	51.708	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	121633	51.730	ug/l	99
67) Ethyl Benzene	11.74	91	589572	54.277	ug/l	99
68) m/p-Xylenes	11.85	106	450850	107.715	ug/l	99
69) o-Xylene	12.17	106	213532	54.886	ug/l	100
70) Styrene	12.19	104	360530	54.634	ug/l	100
71) Bromoform	12.35	173	65311	50.457	ug/l #	99
73) Isopropylbenzene	12.47	105	596319	54.872	ug/l	100
74) N-amyl acetate	12.28	43	123302	52.135	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	94009	50.418	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	131033	91.285	ug/l #	100
77) Bromobenzene	12.76	156	139721	52.074	ug/l	99
78) n-propylbenzene	12.81	91	706453	54.654	ug/l	100
79) 2-Chlorotoluene	12.90	91	417326	54.206	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	516902	54.771	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	29191	51.406	ug/l	99
82) 4-Chlorotoluene	12.99	91	434547	53.547	ug/l	100
83) tert-Butylbenzene	13.21	119	433741	55.110	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	530256	54.721	ug/l	100
85) sec-Butylbenzene	13.39	105	609482	53.646	ug/l	100
86) p-Isopropyltoluene	13.51	119	561257	55.036	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	283416	52.360	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	277635	51.409	ug/l	100
89) n-Butylbenzene	13.83	91	508265	54.116	ug/l	99
90) Hexachloroethane	14.10	117	99751	52.023	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	253161	52.021	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17909	49.680	ug/l	98

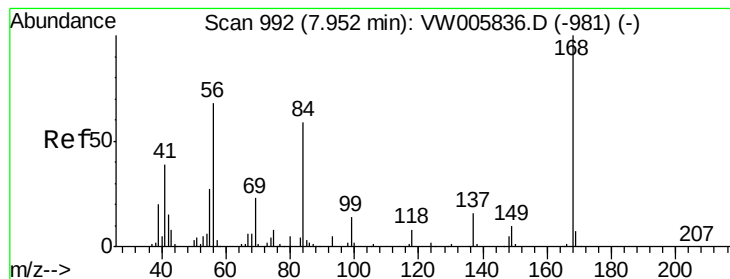
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	181345	53.321	ug/l	100
94) Hexachlorobutadiene	15.25	225	110208	51.246	ug/l	100
95) Naphthalene	15.38	128	321734	49.861	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	160814	52.594	ug/l	100

(#) = 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. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

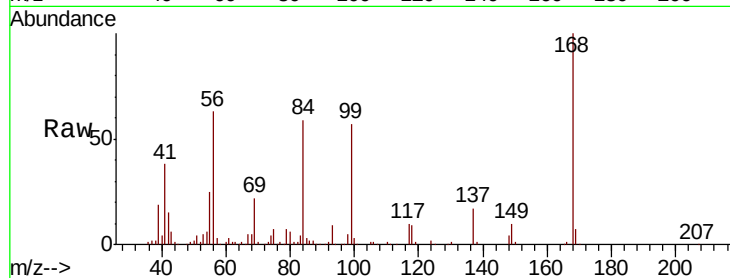
ICVW100418

Tot Ion:168 Resp: 205487

Ion Ratio Lower Upper

168 100

99 57.3 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

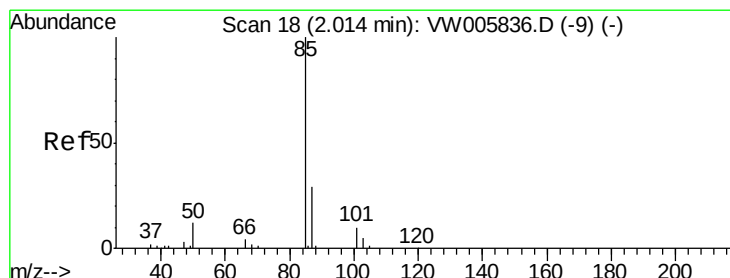
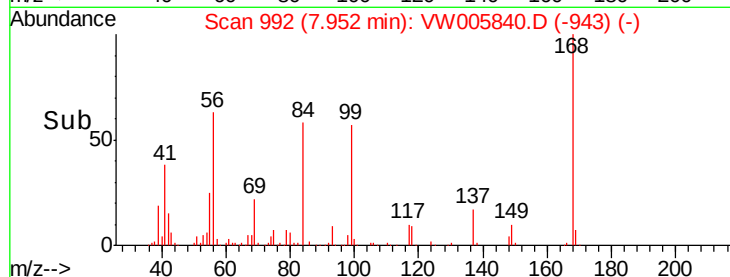
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.063 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005840.D

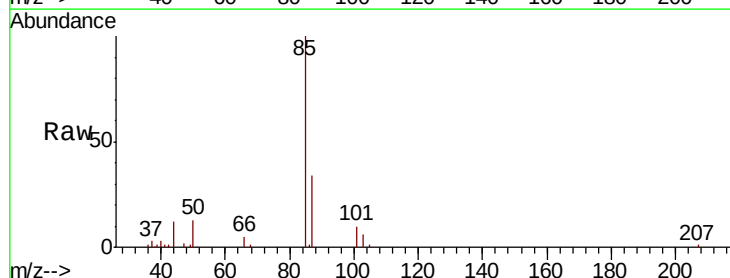
Acq: 04 Oct 2018 06:12

Tgt Ion: 85 Resp: 59922

Ion Ratio Lower Upper

85 100

87 34.2 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

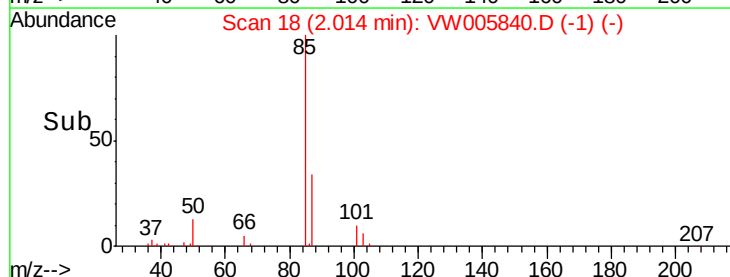
15000

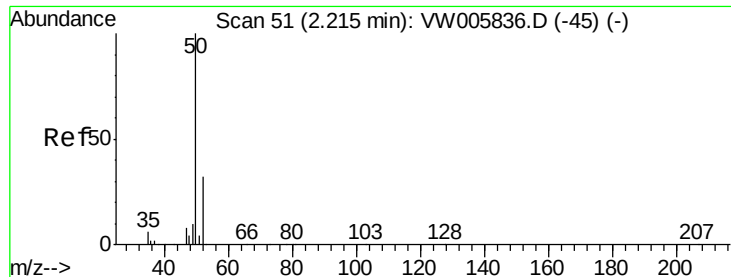
10000

5000

0

Time-->





#3

Chloromethane

Concen: 51.608 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

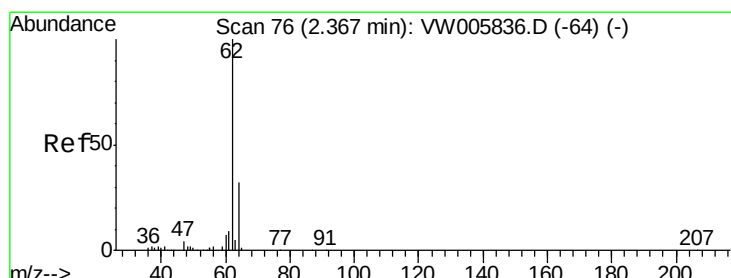
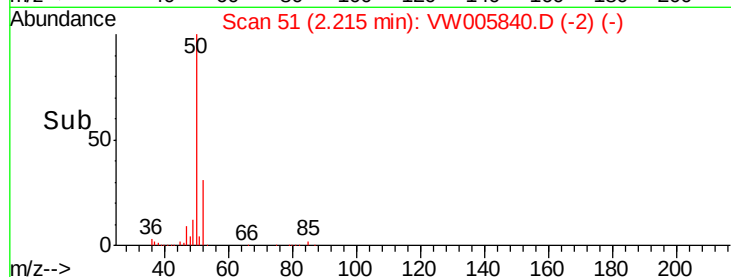
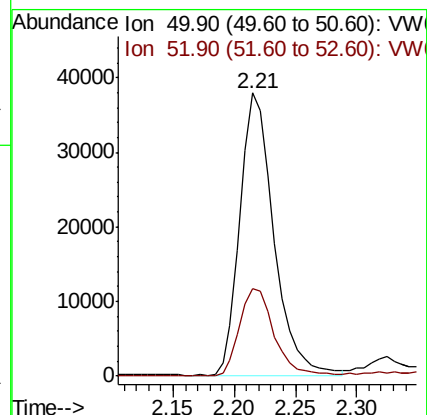
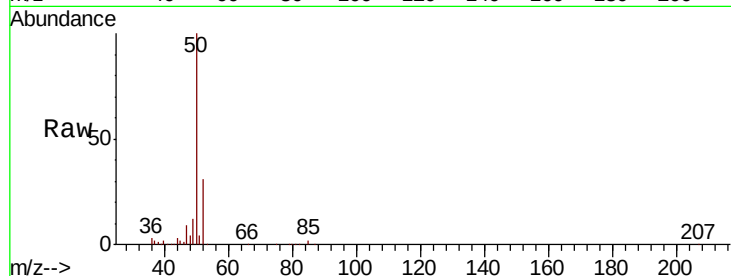
ICVWV100418

Tot Ion: 50 Resp: 72977

Ion Ratio Lower Upper

50 100

52 31.1 26.0 39.0



#4

Vinyl Chloride

Concen: 50.576 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW005840.D

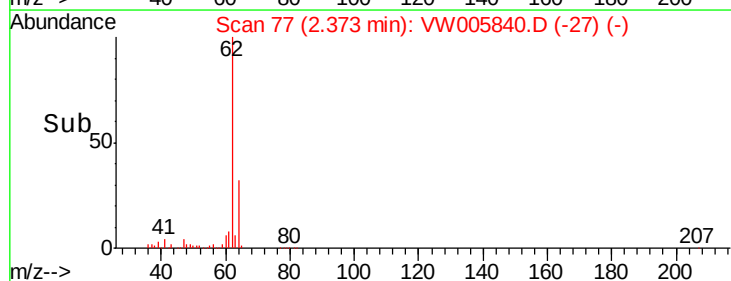
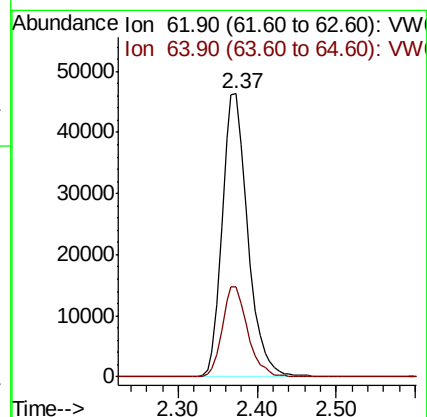
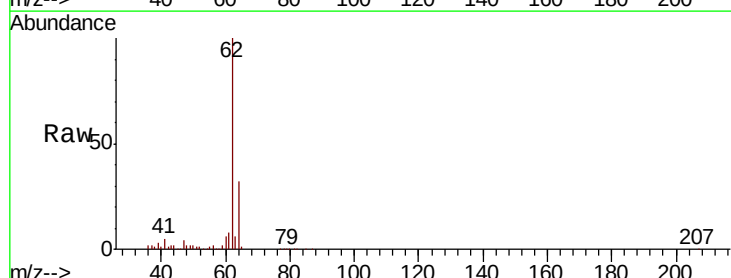
Acq: 04 Oct 2018 06:12

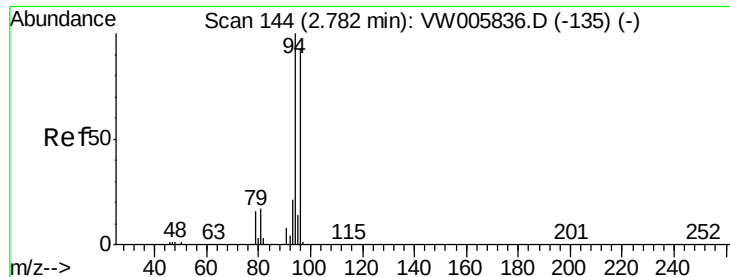
Tgt Ion: 62 Resp: 104725

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 50.274 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

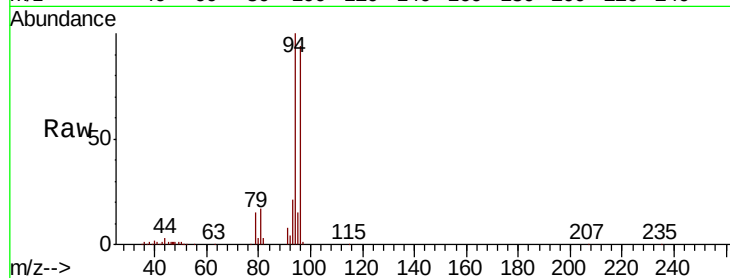
ICVW100418

Tot Ion: 94 Resp: 72546

Ion Ratio Lower Upper

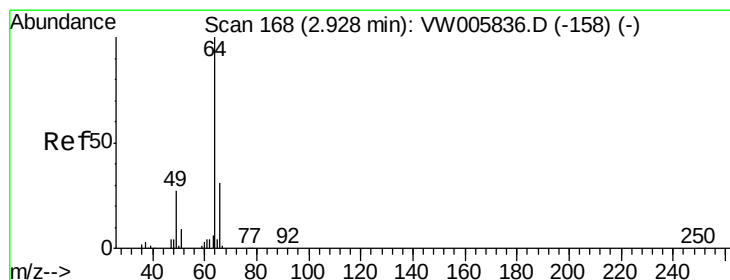
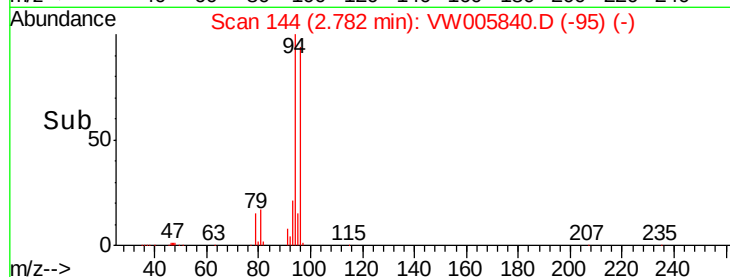
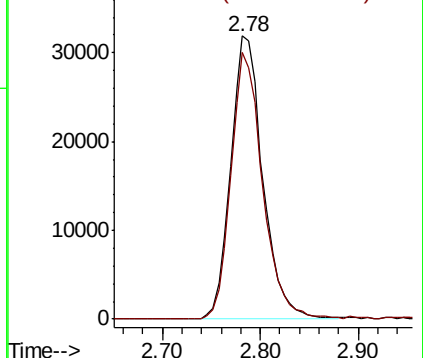
94 100

96 94.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 51.483 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005840.D

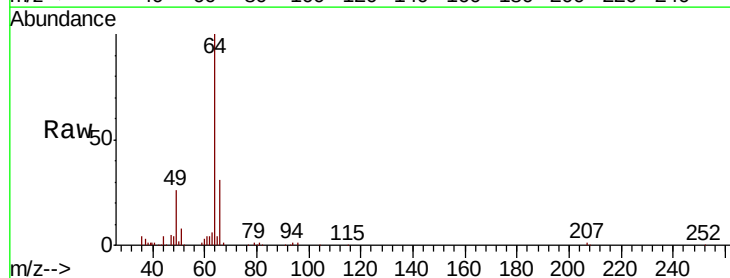
Acq: 04 Oct 2018 06:12

Tgt Ion: 64 Resp: 65200

Ion Ratio Lower Upper

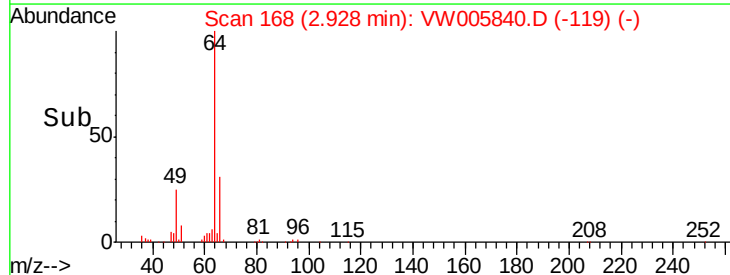
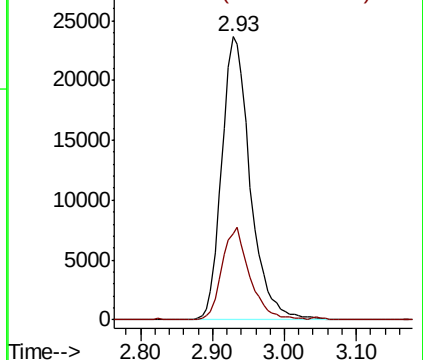
64 100

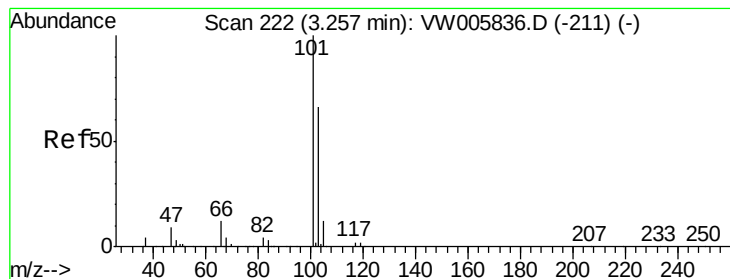
66 30.6 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



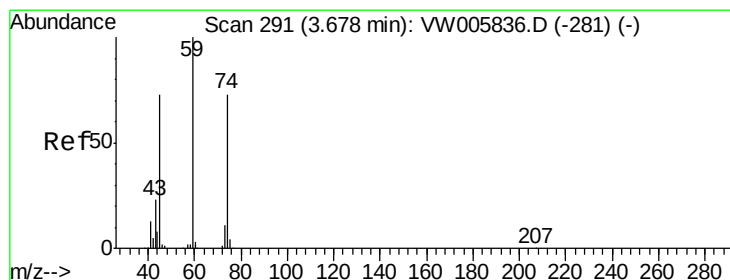
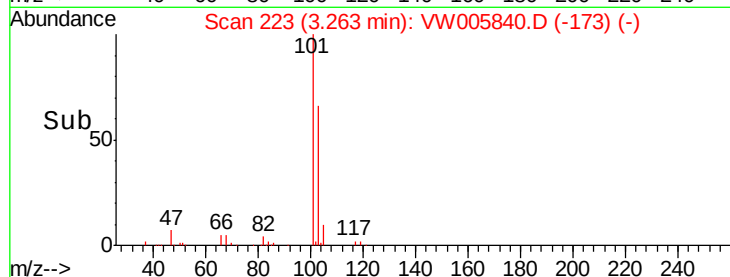
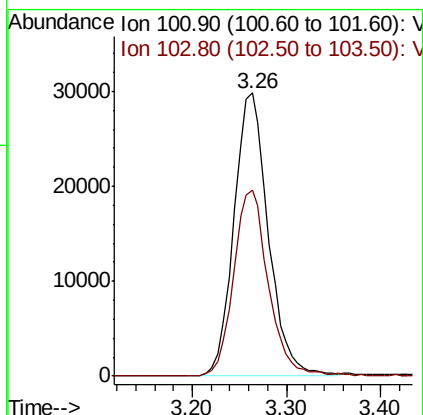
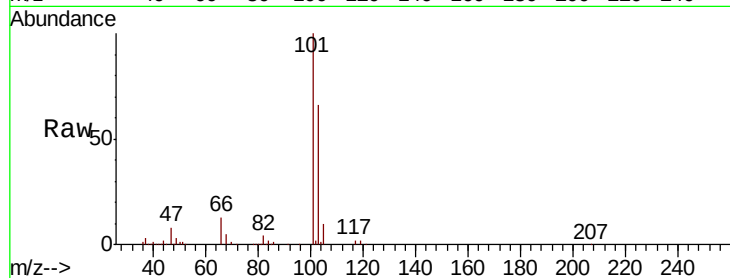


#7

Trichlorofluoromethane
 Concen: 53.105 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Instrument :
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 ClientSampleId :
 ICVVW100418

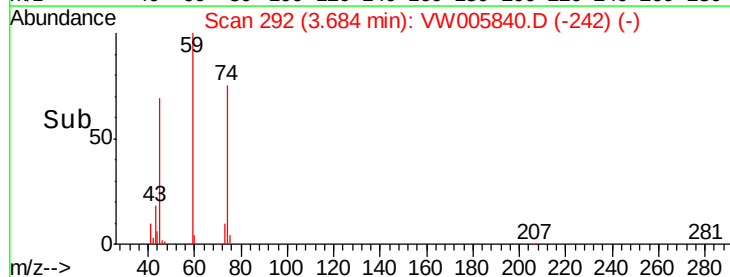
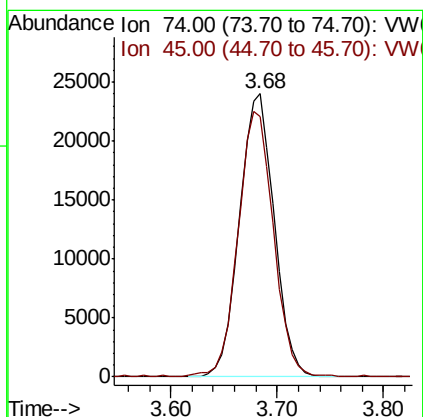
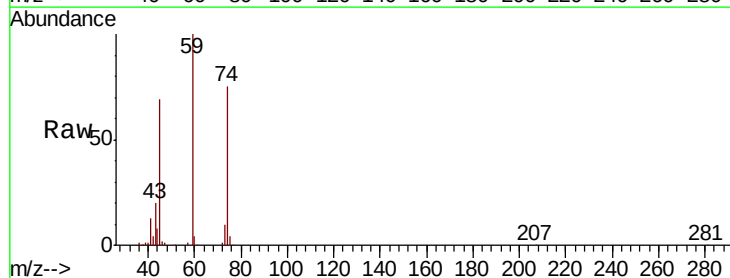
Tot Ion:101 Resp: 75624
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.5 78.7

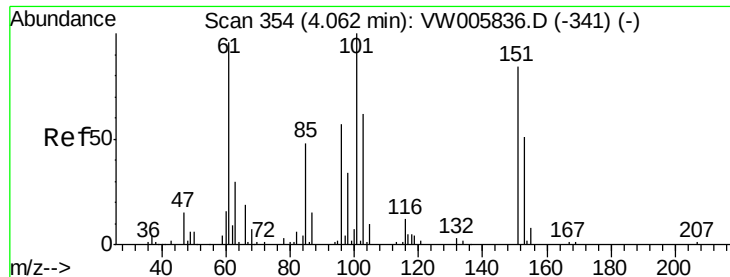


#8

Diethyl Ether
 Concen: 51.105 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion: 74 Resp: 55187
 Ion Ratio Lower Upper
 74 100
 45 95.4 49.1 147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.122 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100418

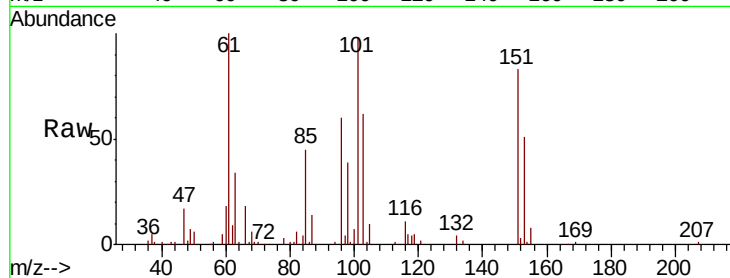
Tot Ion:101 Resp: 96749

Ion Ratio Lower Upper

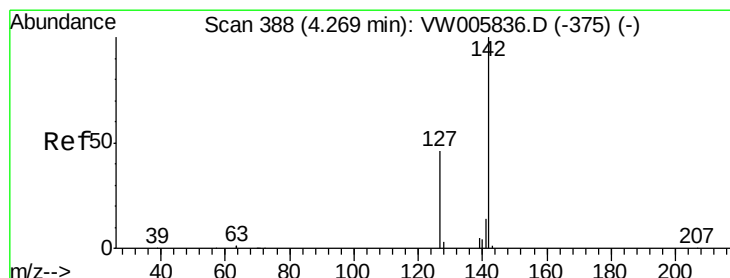
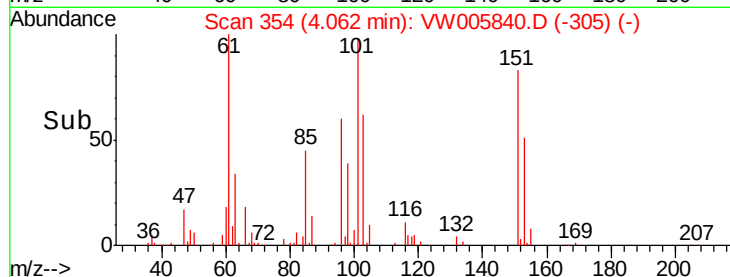
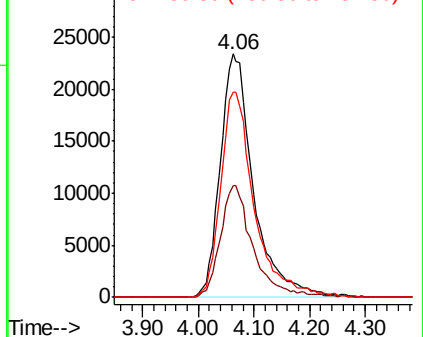
101 100

85 45.1 35.5 53.3

151 85.2 67.4 101.2



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: 52.479 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

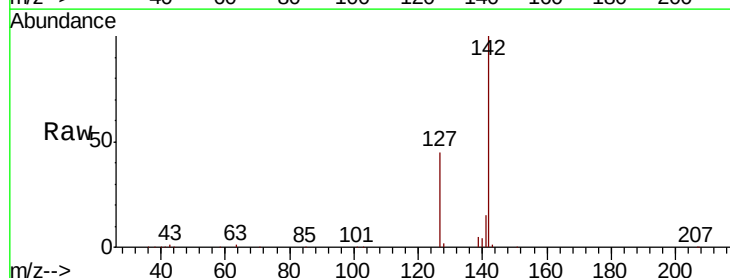
Tgt Ion:142 Resp: 167713

Ion Ratio Lower Upper

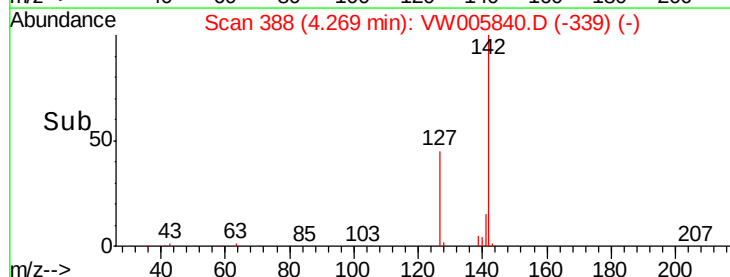
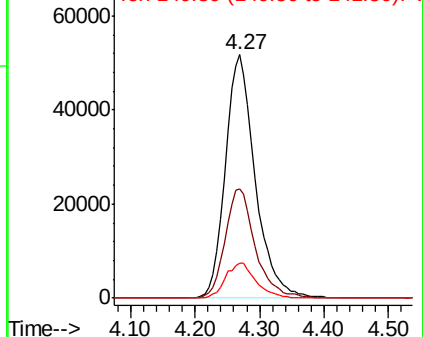
142 100

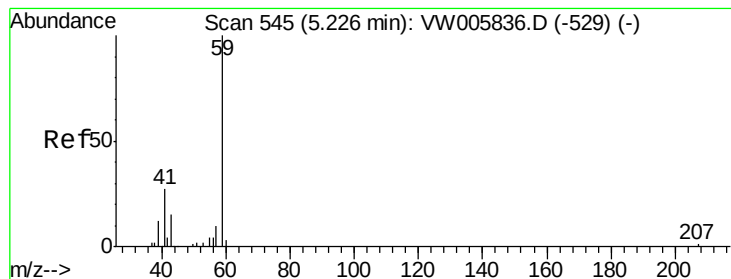
127 45.6 37.4 56.0

141 14.8 12.2 18.2



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: 235.269 ug/l

RT: 5.21 min Scan# 542

Delta R.T. -0.02 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

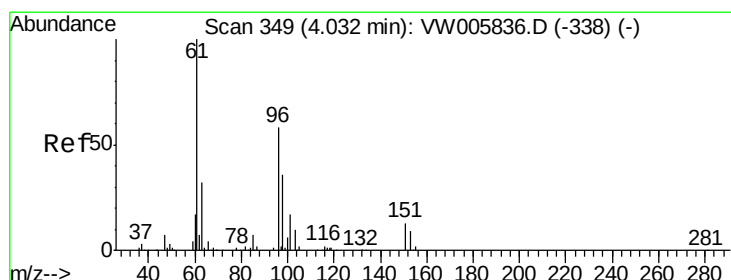
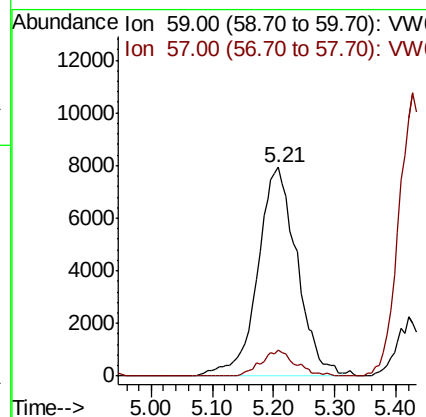
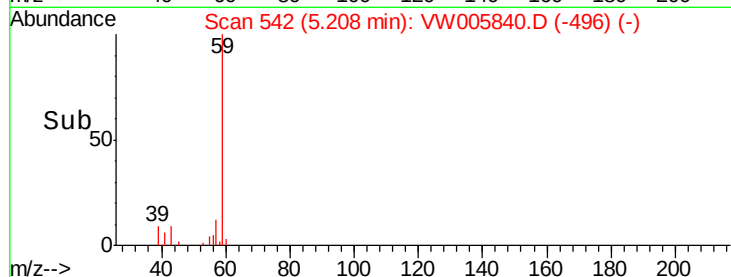
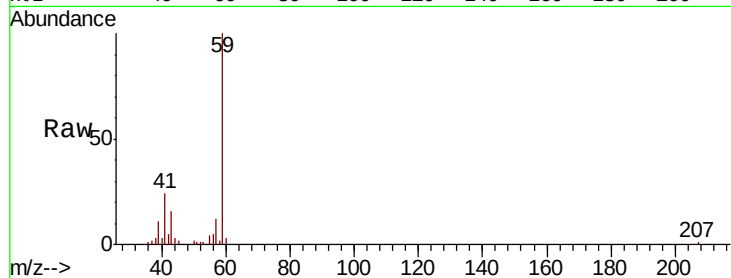
ICVWV100418

Tot Ion: 59 Resp: 35464

Ion Ratio Lower Upper

59 100

57 10.8 4.9 7.3#



#12

1,1-Dichloroethene

Concen: 50.457 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

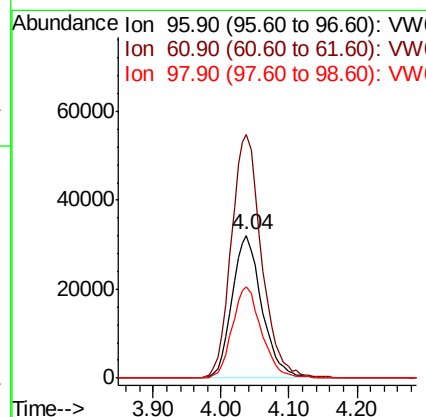
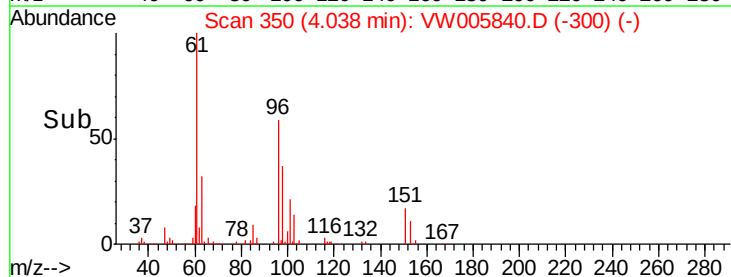
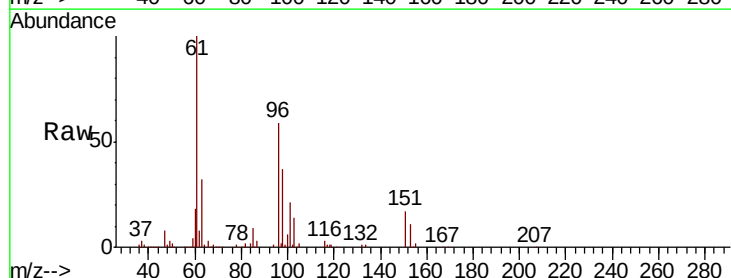
Tgt Ion: 96 Resp: 97375

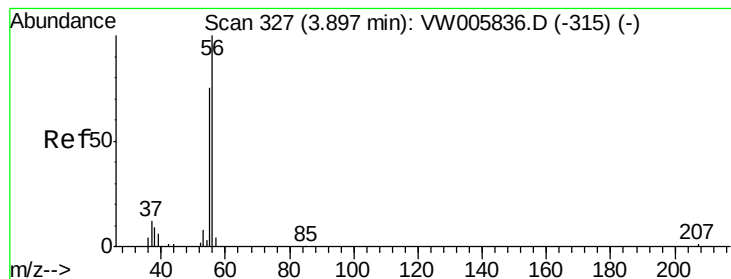
Ion Ratio Lower Upper

96 100

61 170.7 138.8 208.2

98 63.7 50.6 75.8





#13

Acrolein

Concen: 213.498 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampled :

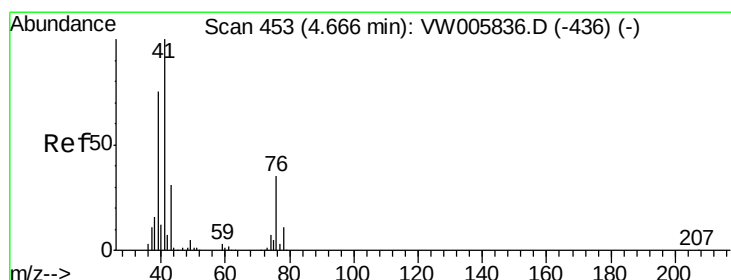
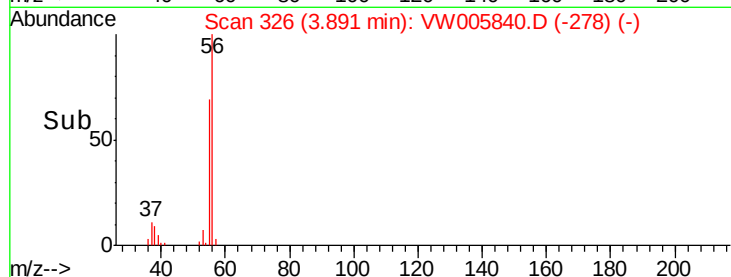
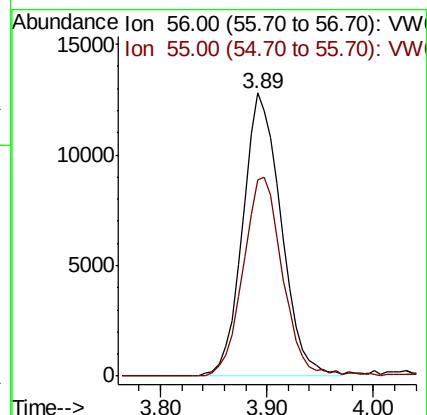
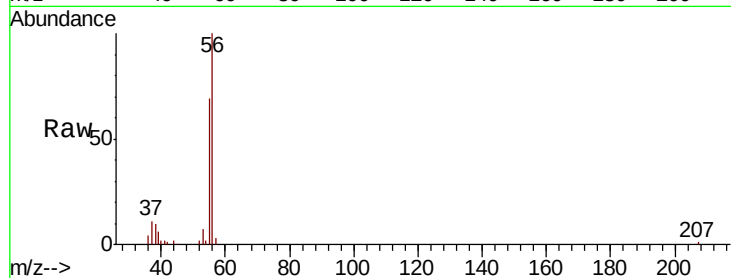
ICVWV100418

Tot Ion: 56 Resp: 32335

Ion Ratio Lower Upper

56 100

55 72.3 59.2 88.8



#14

Allyl chloride

Concen: 52.515 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

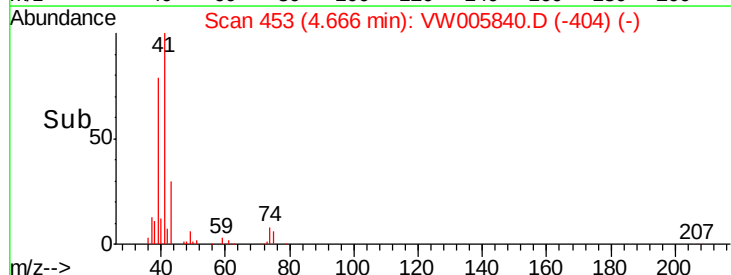
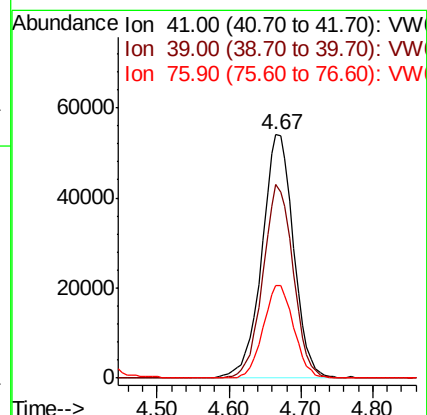
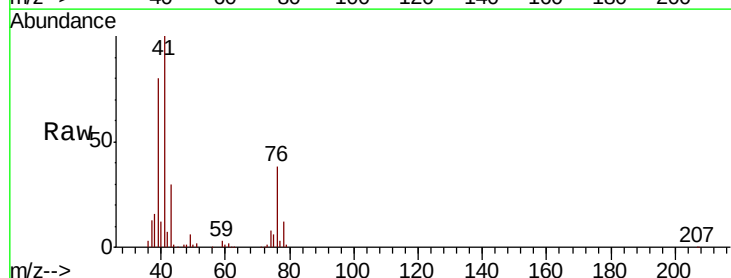
Tgt Ion: 41 Resp: 164477

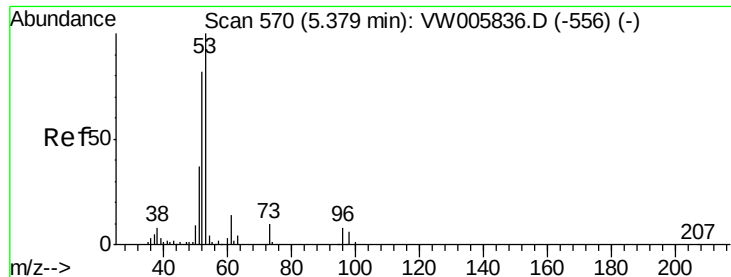
Ion Ratio Lower Upper

41 100

39 76.3 60.3 90.5

76 36.7 28.9 43.3





#15

Acrylonitrile

Concen: 252.615 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVW100418

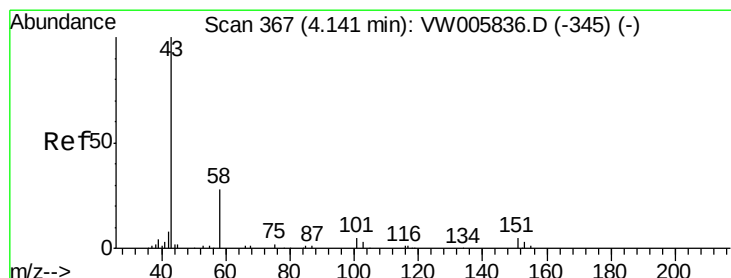
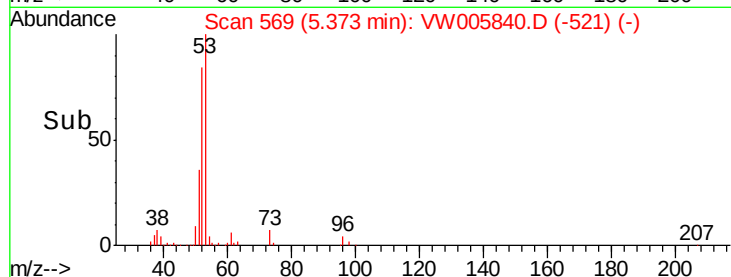
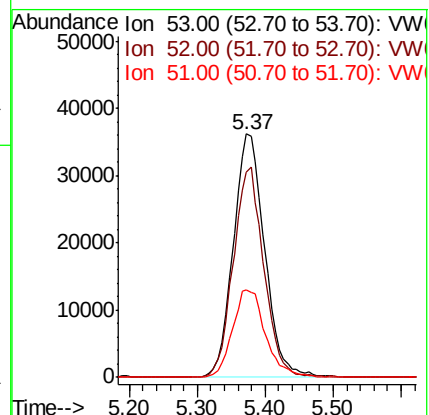
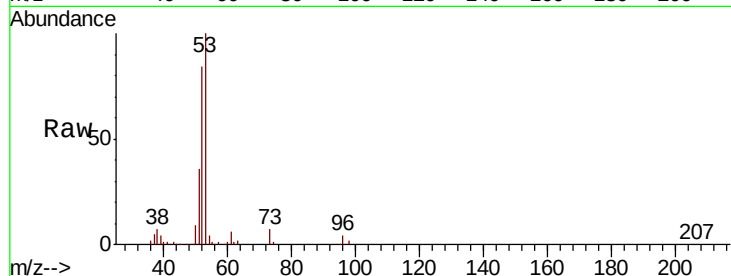
Tot Ion: 53 Resp: 115600

Ion Ratio Lower Upper

53 100

52 84.0 67.3 100.9

51 38.1 30.2 45.2



#16

Acetone

Concen: 247.309 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005840.D

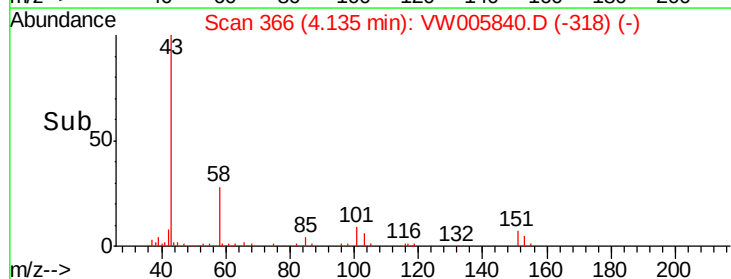
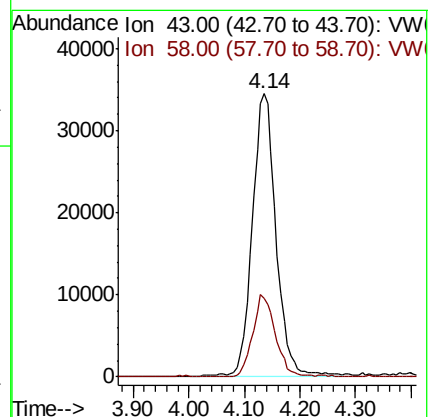
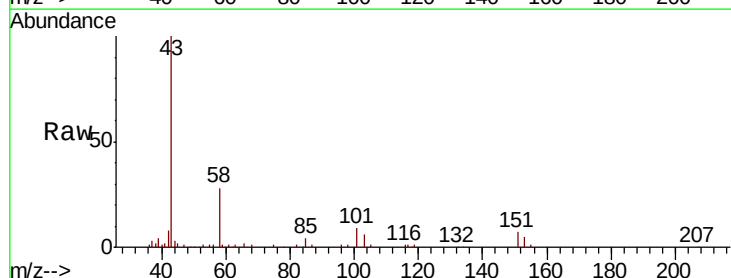
Acq: 04 Oct 2018 06:12

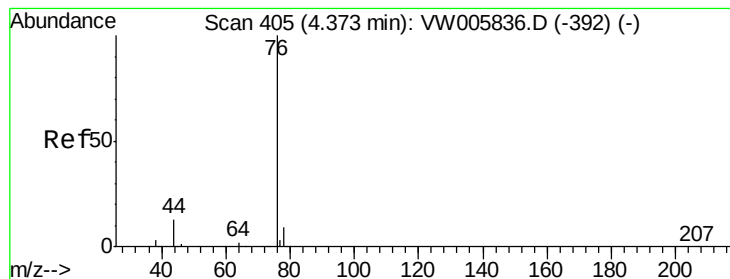
Tgt Ion: 43 Resp: 102888

Ion Ratio Lower Upper

43 100

58 27.6 23.0 34.4





#17

Carbon Disulfide

Concen: 53.324 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

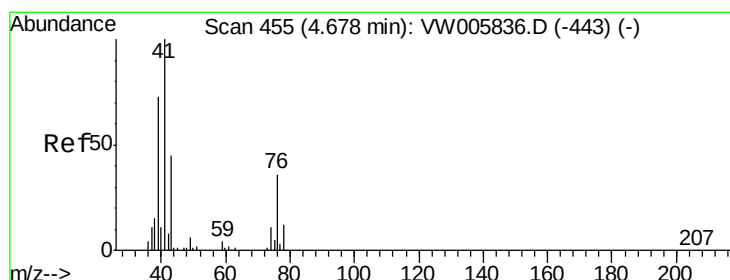
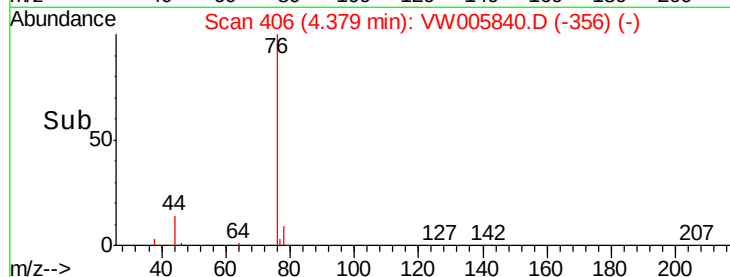
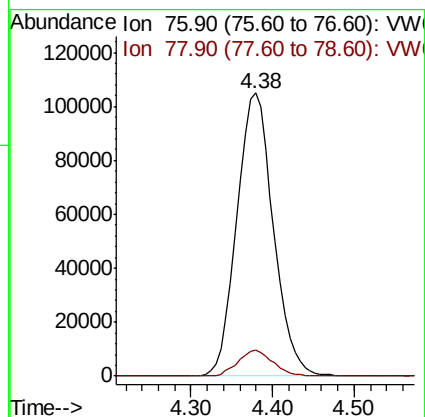
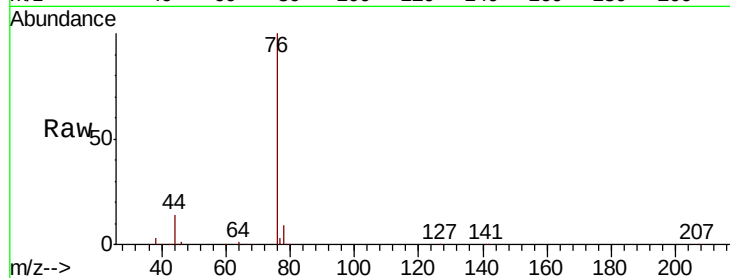
ICVWV100418

Tot Ion: 76 Resp: 325380

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



#18

Methyl Acetate

Concen: 49.558 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005840.D

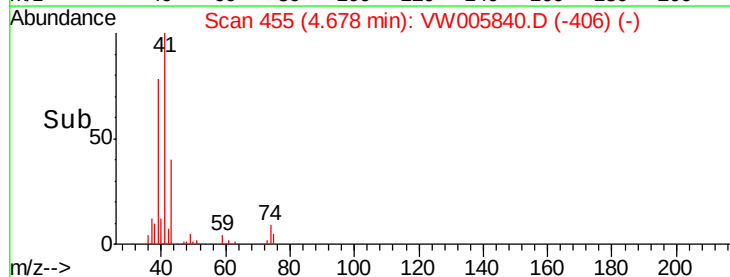
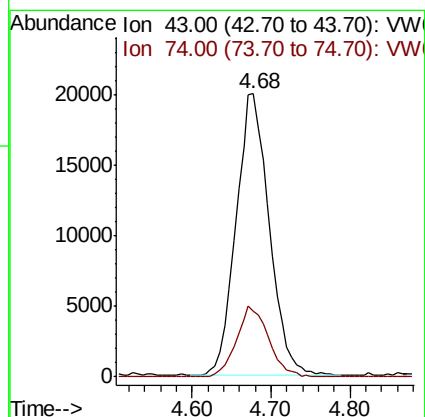
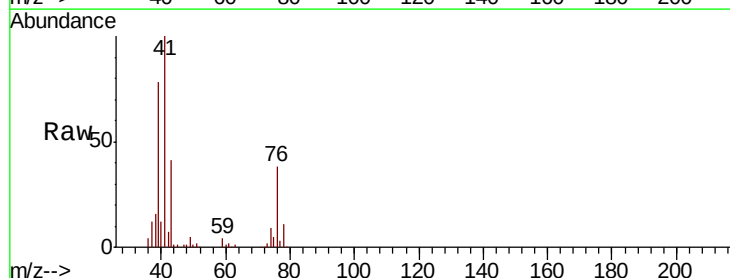
Acq: 04 Oct 2018 06:12

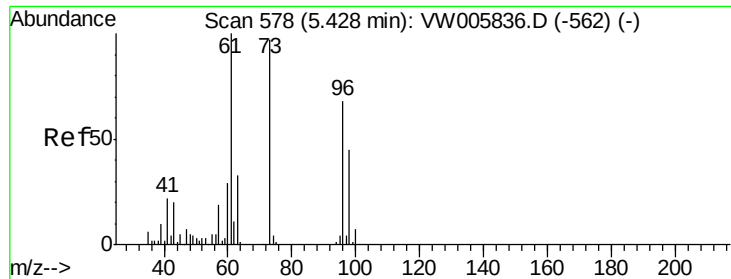
Tgt Ion: 43 Resp: 58636

Ion Ratio Lower Upper

43 100

74 24.2 19.5 29.3

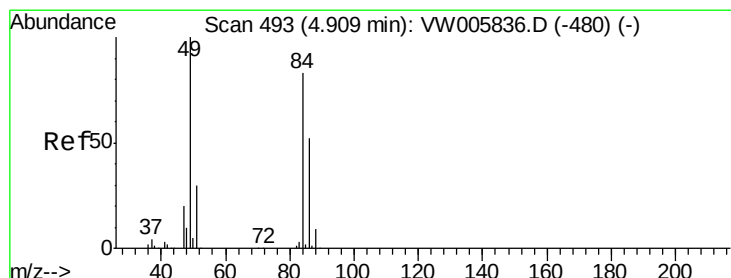
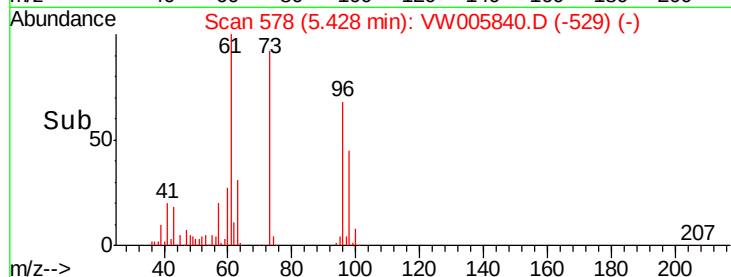
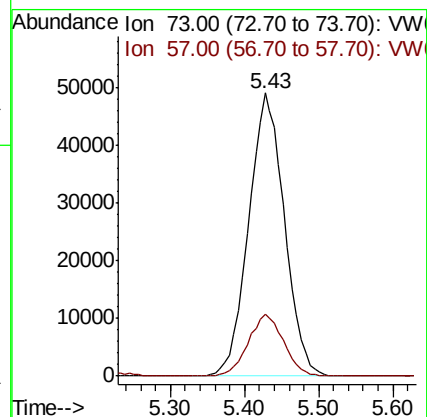
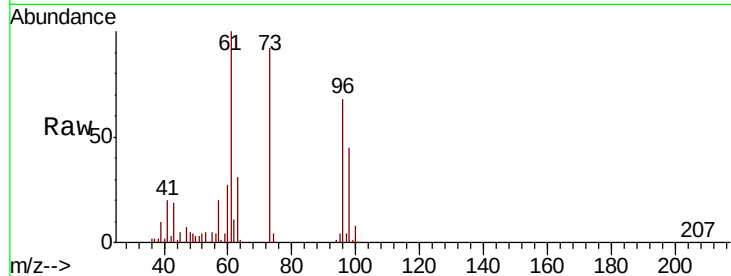




#19
Methyl tert-butyl Ether
Concen: 54.518 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

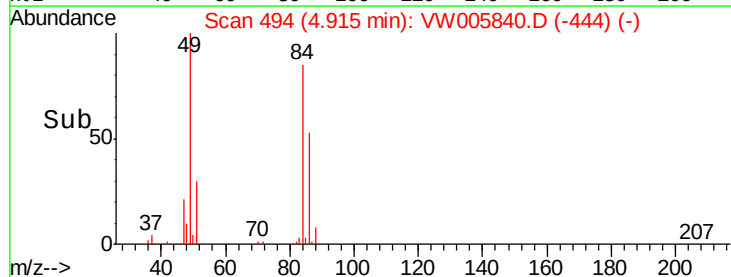
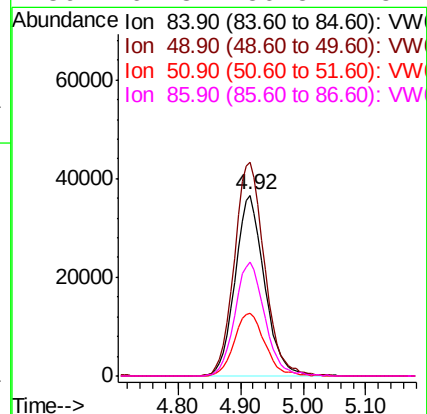
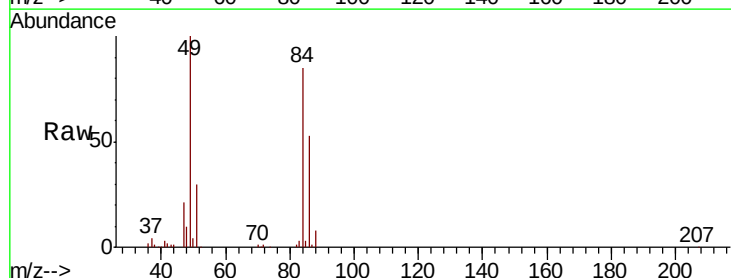
Instrument :
MSVOA_W
ClientSampled :
ICVWV100418

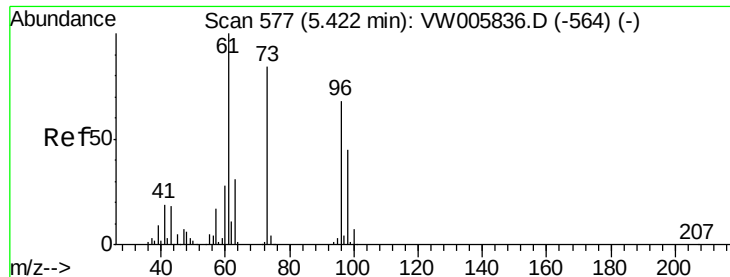
Tot Ion: 73 Resp: 165172
Ion Ratio Lower Upper
73 100
57 21.9 15.9 23.9



#20
Methylene Chloride
Concen: 52.466 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion: 84 Resp: 118956
Ion Ratio Lower Upper
84 100
49 118.3 96.8 145.2
51 34.9 28.8 43.2
86 62.8 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 53.357 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVW100418

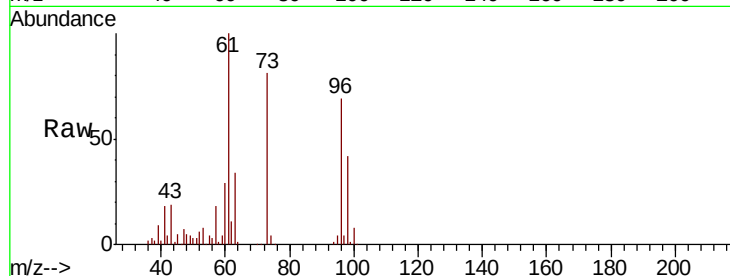
Tot Ion: 96 Resp: 112393

Ion Ratio Lower Upper

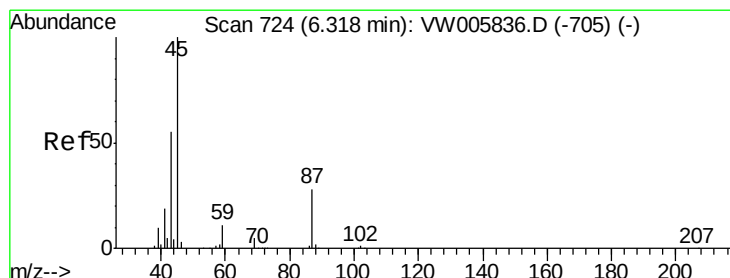
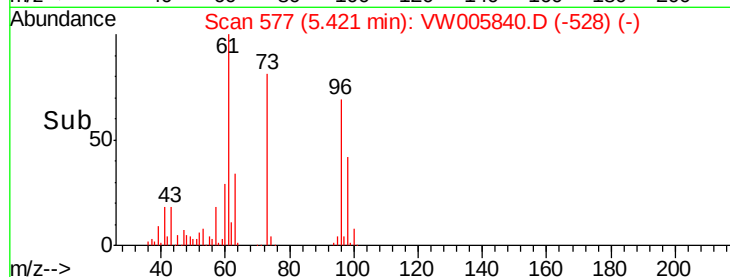
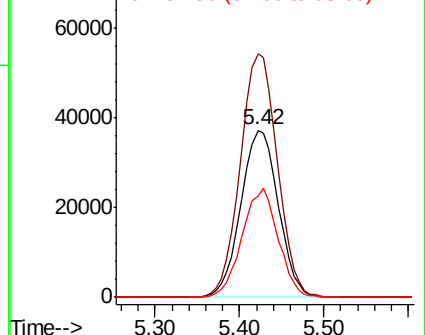
96 100

61 145.6 117.0 175.6

98 60.8 52.2 78.2



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: 54.022 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Tgt Ion: 45 Resp: 332055

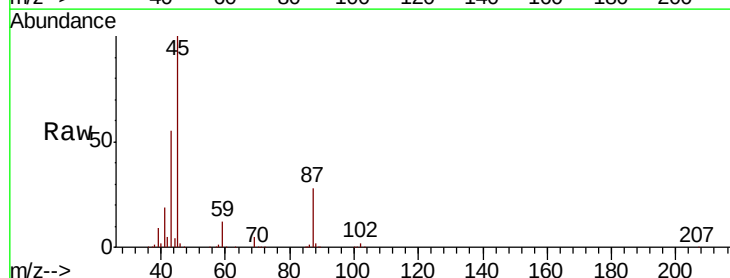
Ion Ratio Lower Upper

45 100

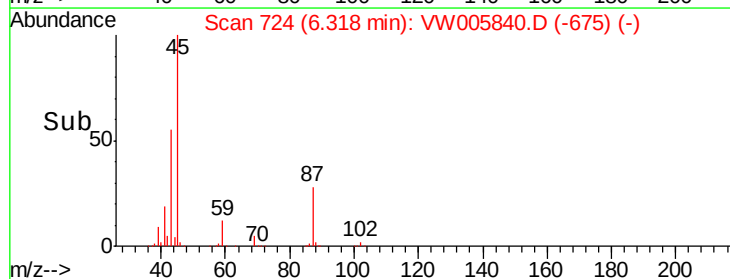
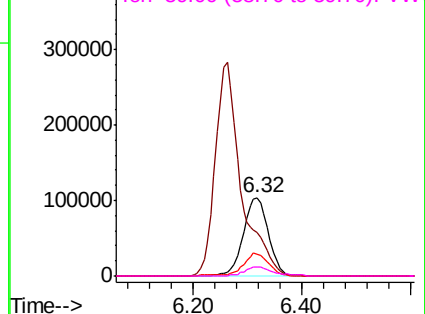
43 55.0 44.6 67.0

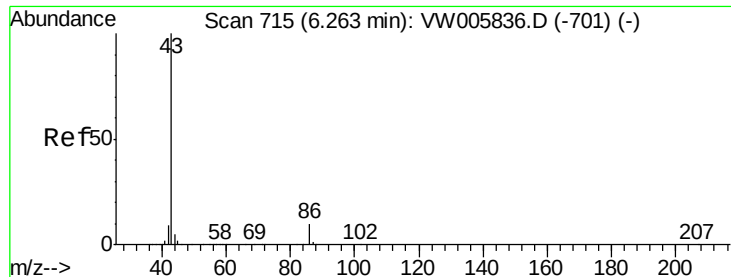
87 28.2 23.4 35.2

59 11.8 9.0 13.6



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: 267.813 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

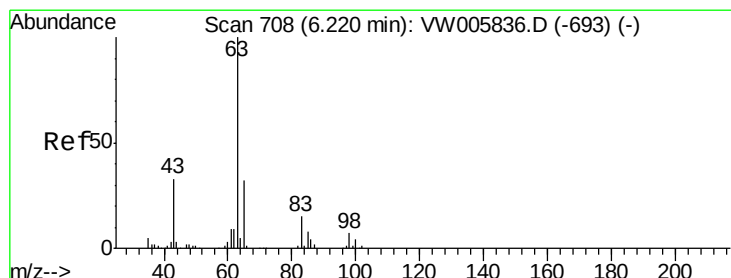
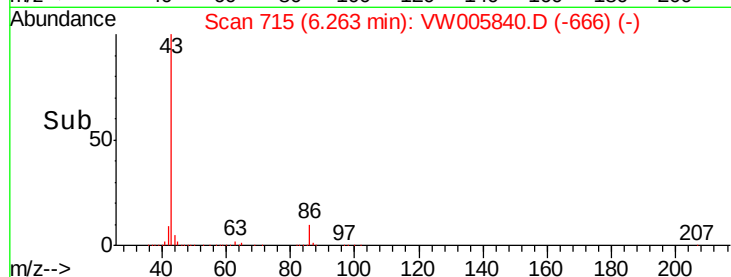
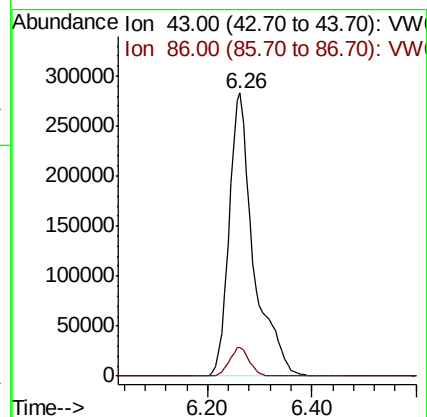
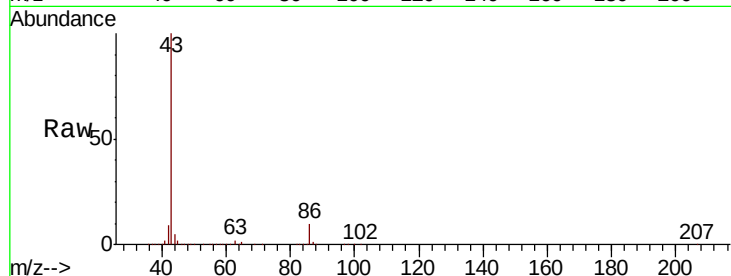
ICVW100418

Tot Ion: 43 Resp: 935112

Ion Ratio Lower Upper

43 100

86 10.0 8.1 12.1



#24

1,1-Dichloroethane

Concen: 51.295 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

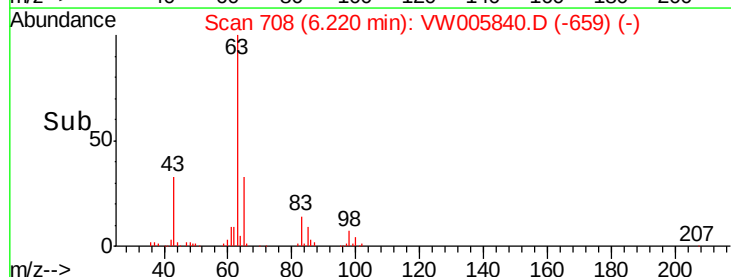
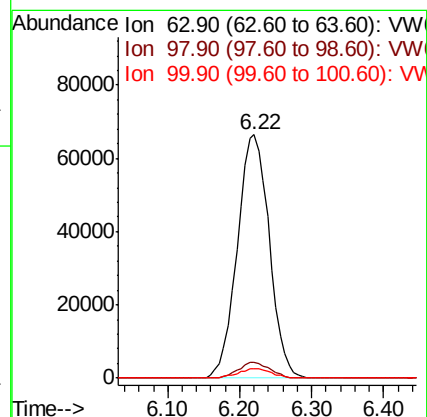
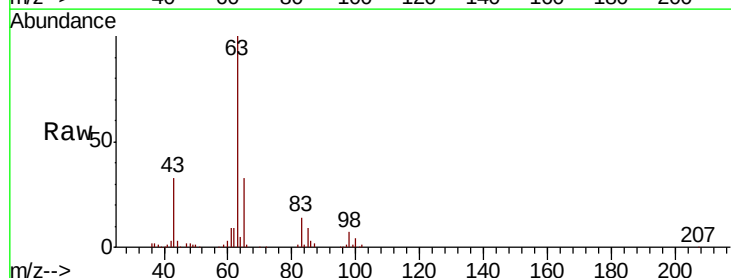
Tgt Ion: 63 Resp: 204587

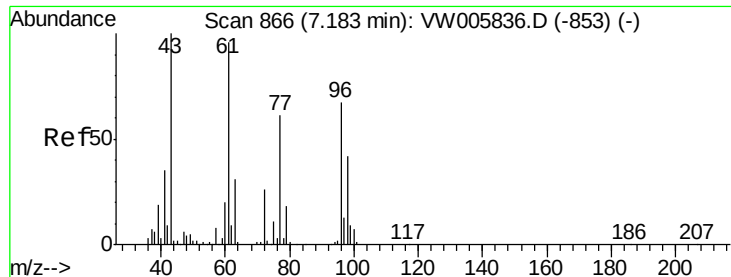
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.5

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 243.807 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

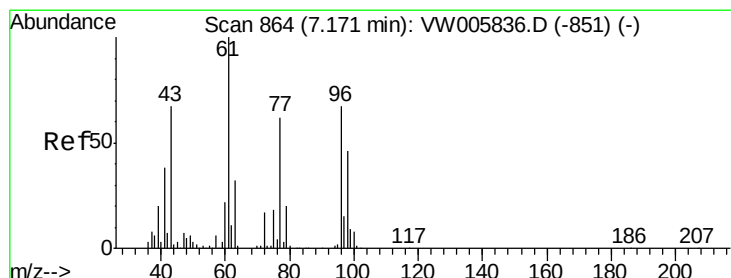
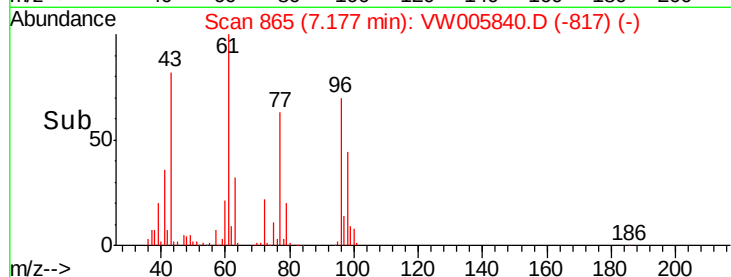
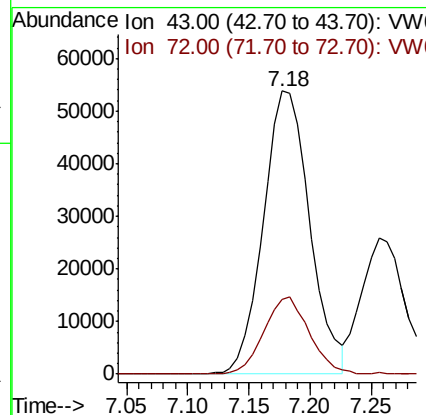
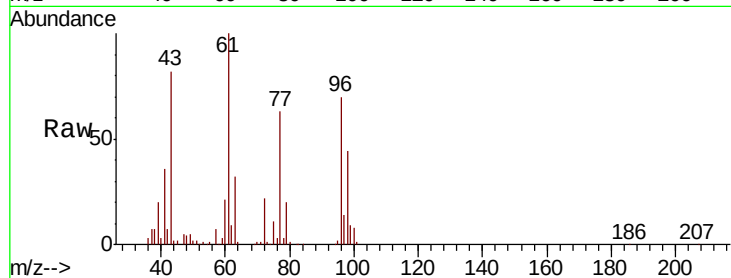
ICVWV100418

Tot Ion: 43 Resp: 142682

Ion Ratio Lower Upper

43 100

72 26.6 20.9 31.3



#26

2,2-Dichloropropane

Concen: 49.303 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW005840.D

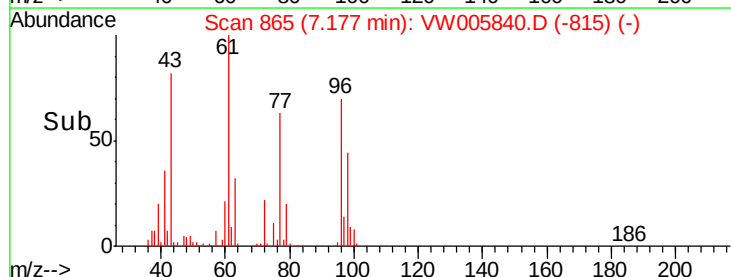
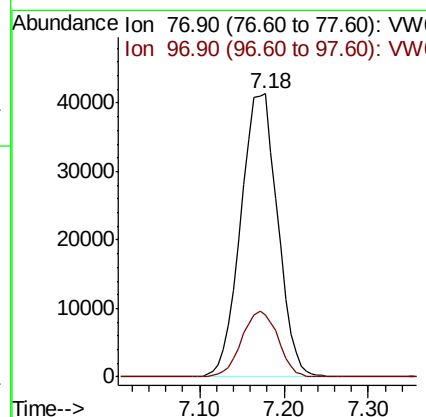
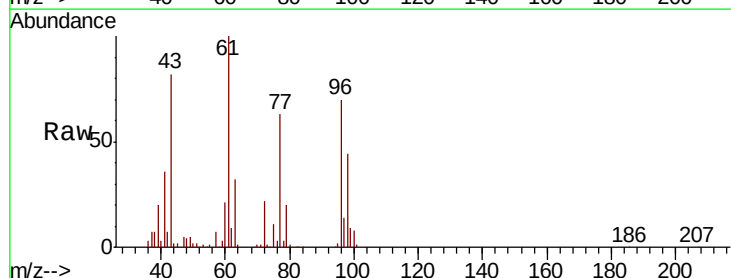
Acq: 04 Oct 2018 06:12

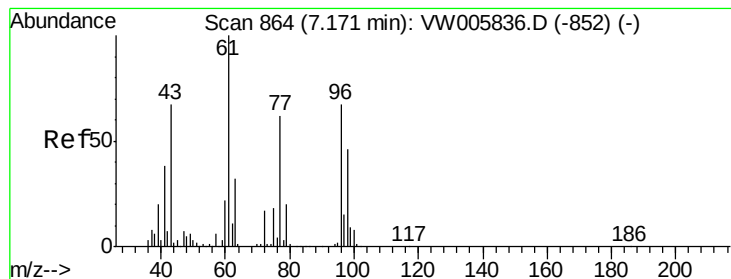
Tgt Ion: 77 Resp: 122781

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0



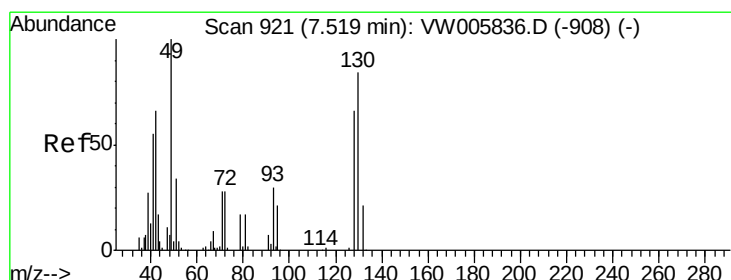
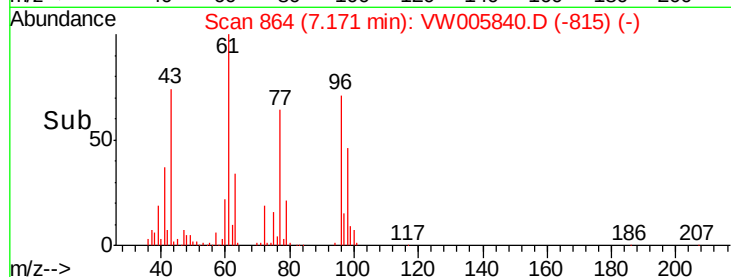
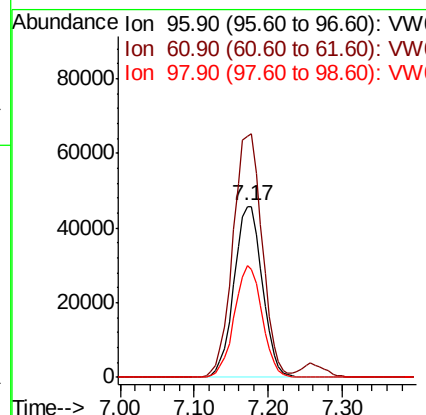
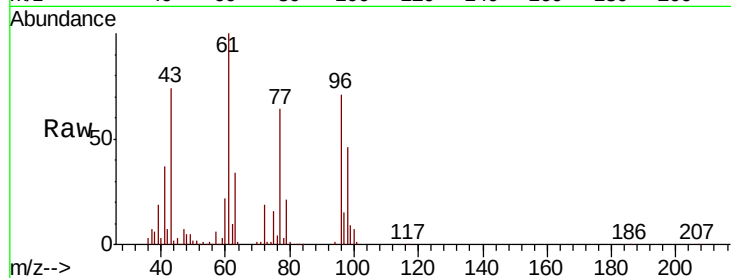


#27

cis-1,2-Dichloroethene
Concen: 52.085 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100418

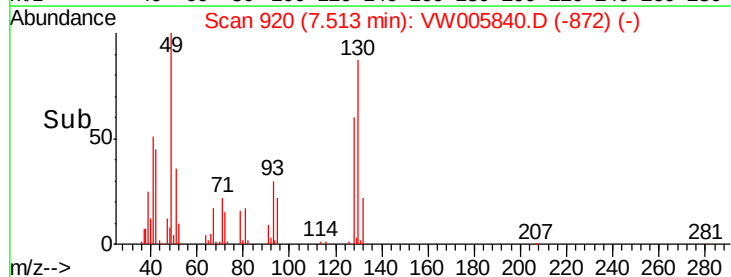
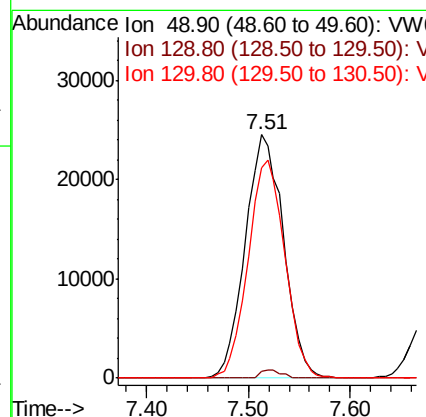
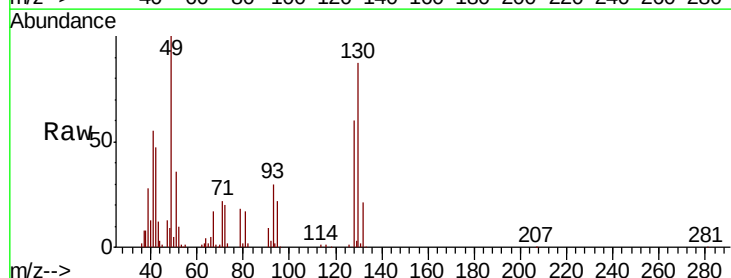
Tot Ion	96	Resp	122292
Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	296.4
98	64.3	0.0	131.4

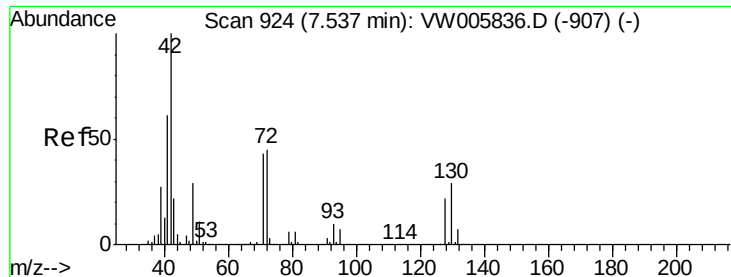


#28

Bromochloromethane
Concen: 45.423 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion	49	Resp	63988
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	2.2
130	86.1	66.4	99.6

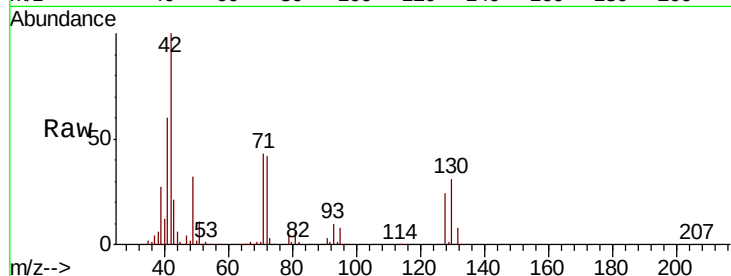




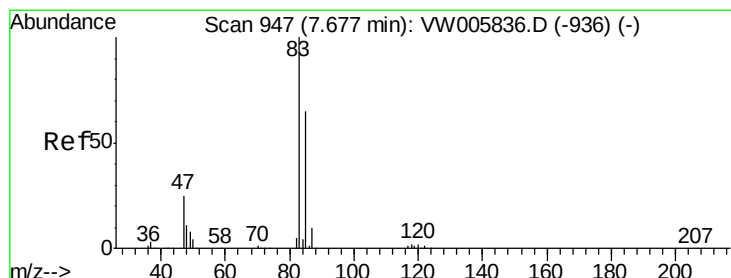
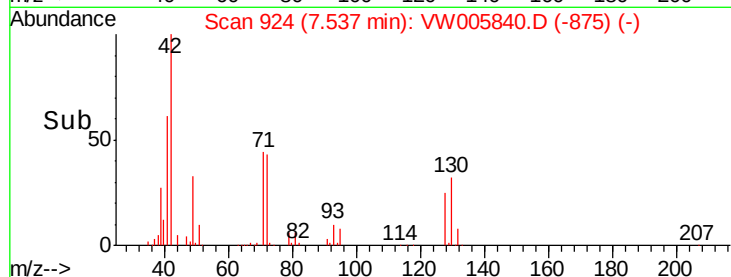
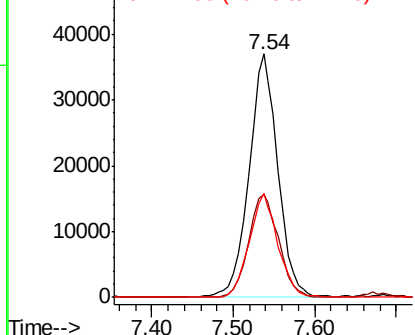
#29
Tetrahydrofuran
Concen: 252.629 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampleId :
ICVW100418

Tot Ion: 42 Resp: 91269
Ion Ratio Lower Upper
42 100
72 44.2 34.6 51.8
71 42.3 33.6 50.4

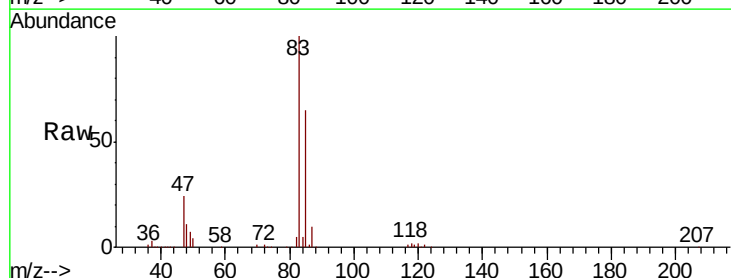


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

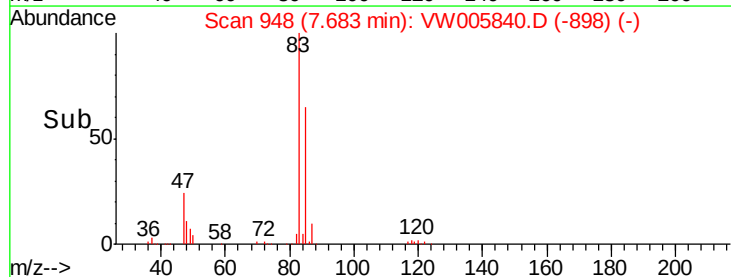
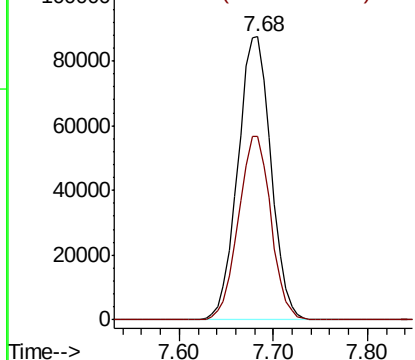


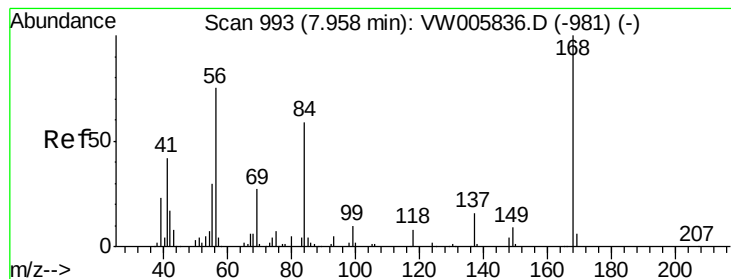
#30
Chloroform
Concen: 50.461 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion: 83 Resp: 215682
Ion Ratio Lower Upper
83 100
85 64.8 51.6 77.4



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





#31

Cyclohexane

Concen: 50.068 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampled :

ICVW100418

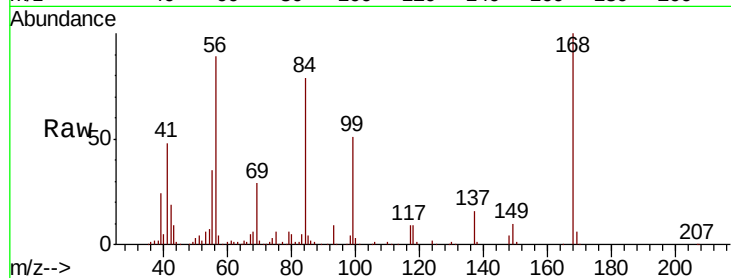
Tot Ion: 56 Resp: 170714

Ion Ratio Lower Upper

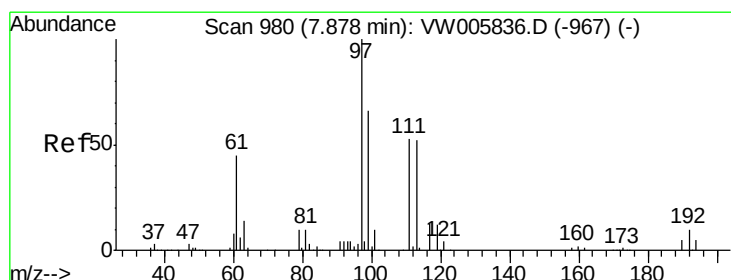
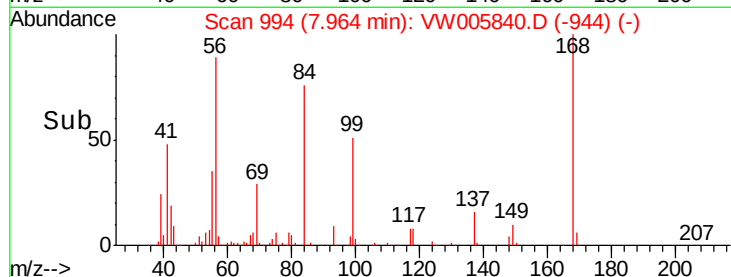
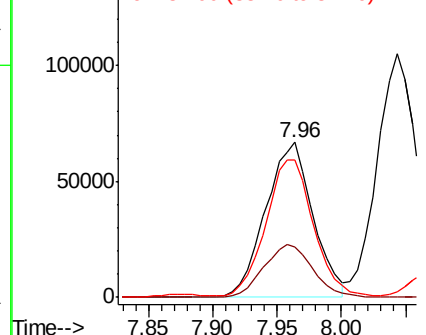
56 100

69 32.1 29.0 43.4

84 87.0 63.5 95.3



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: 51.281 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

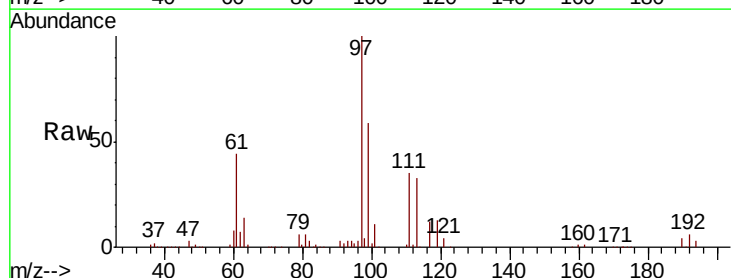
Tgt Ion: 97 Resp: 187074

Ion Ratio Lower Upper

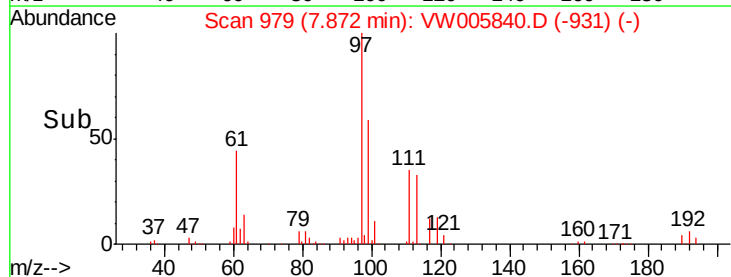
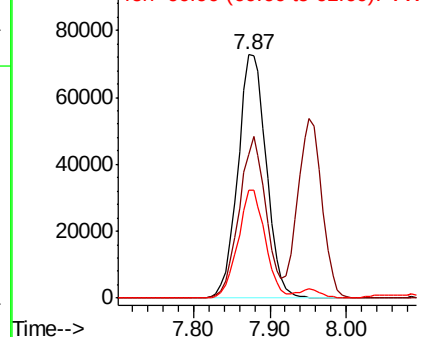
97 100

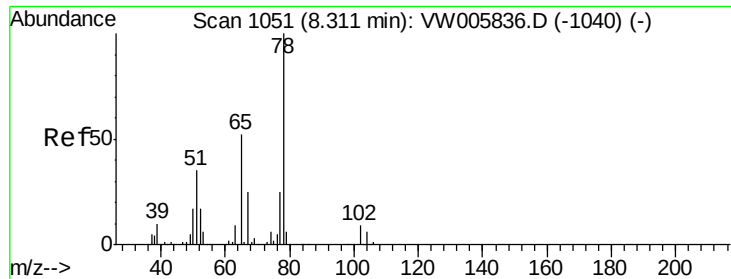
99 62.7 51.2 76.8

61 42.6 35.5 53.3



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

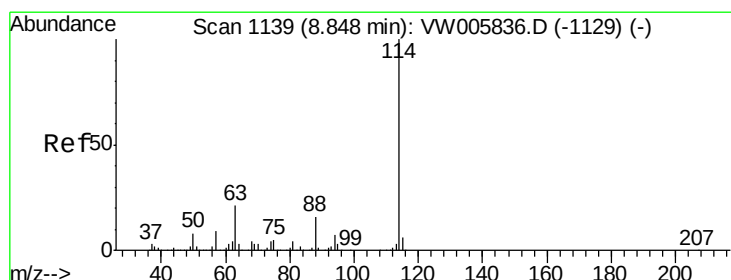
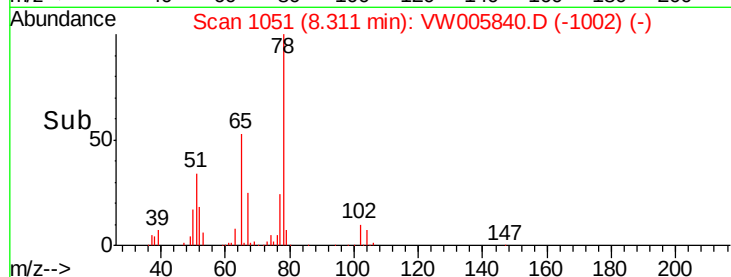
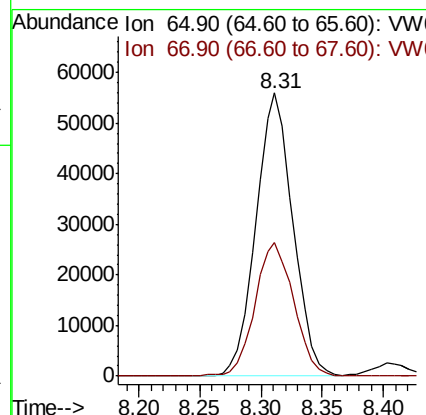
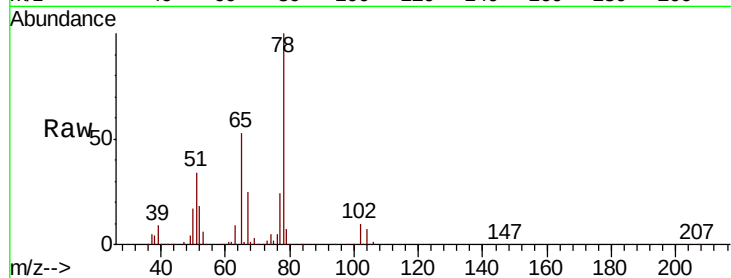




#33
 1,2-Dichloroethane-d4
 Concen: 47.166 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

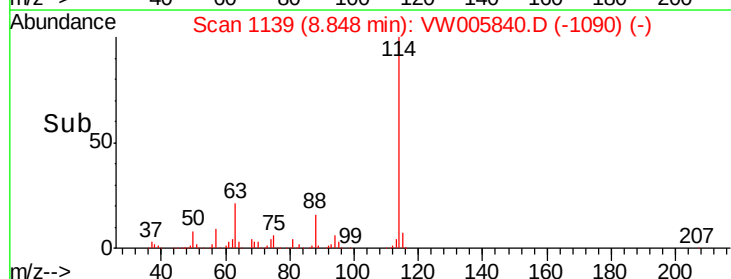
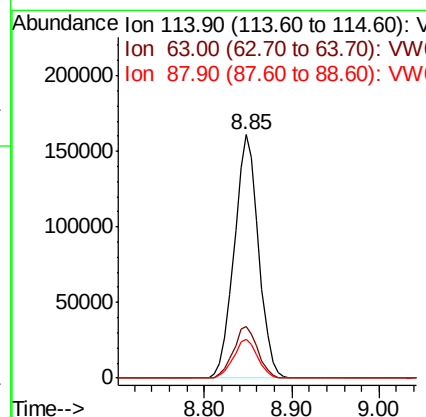
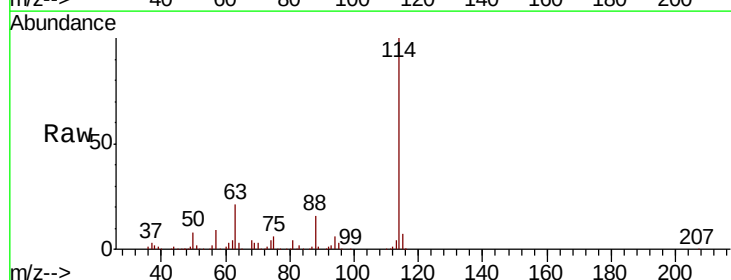
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

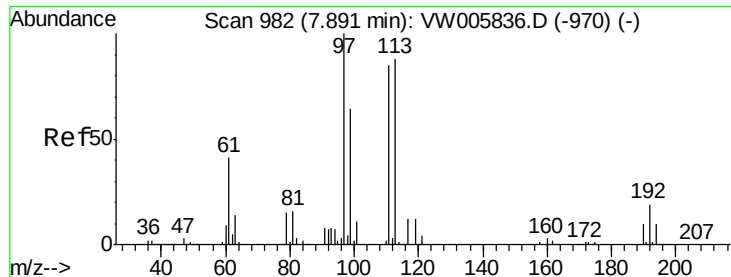
Tot Ion: 65 Resp: 117578
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion: 114 Resp: 309738
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.0
 88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.858 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100418

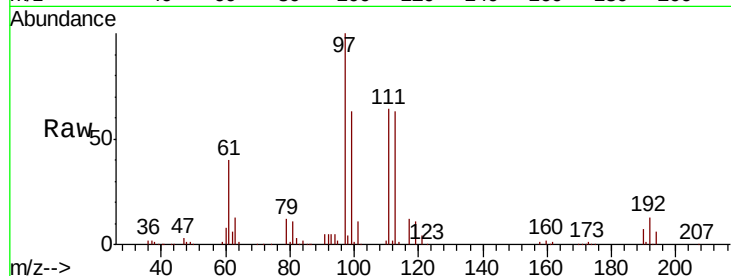
Tot Ion:113 Resp: 101219

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.2

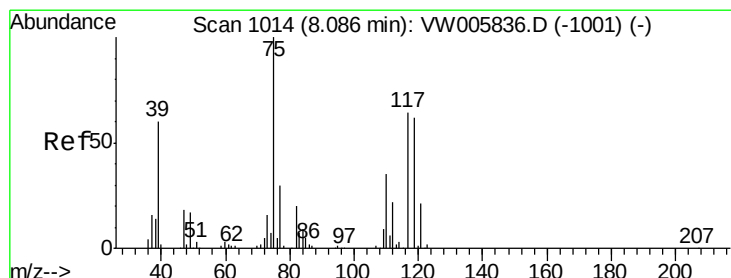
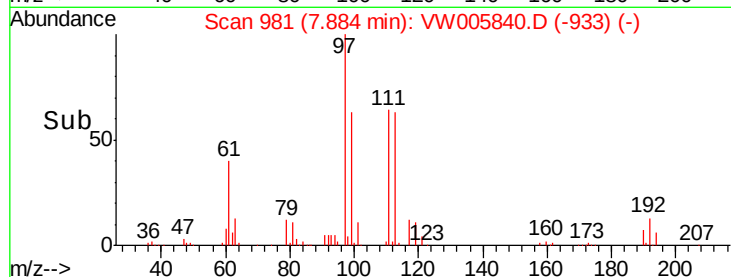
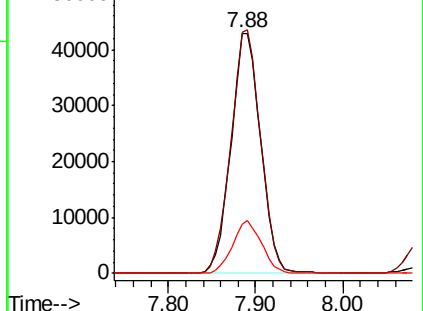
192 21.3 17.3 25.9



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: 51.937 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

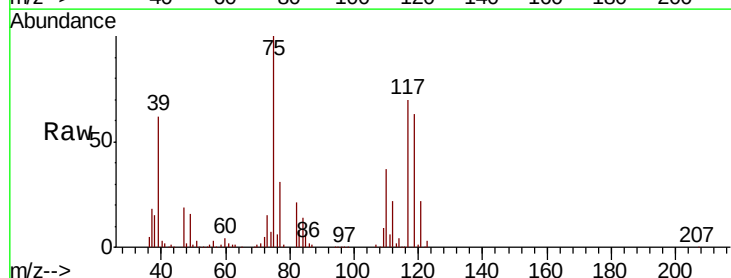
Tgt Ion: 75 Resp: 159905

Ion Ratio Lower Upper

75 100

110 35.2 17.5 52.6

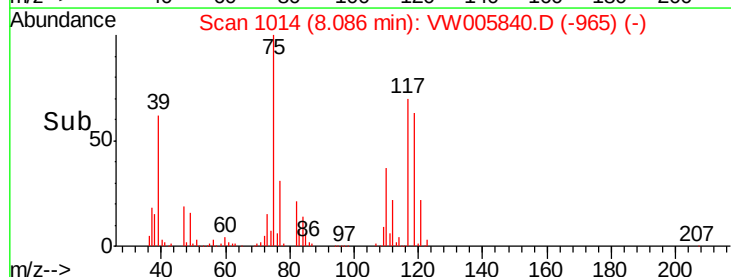
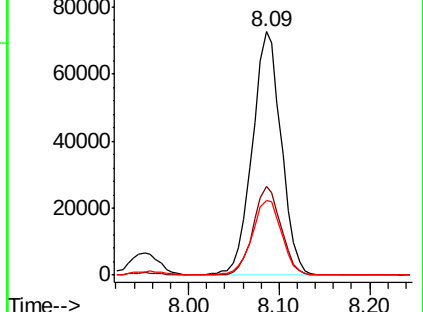
77 31.5 24.8 37.2

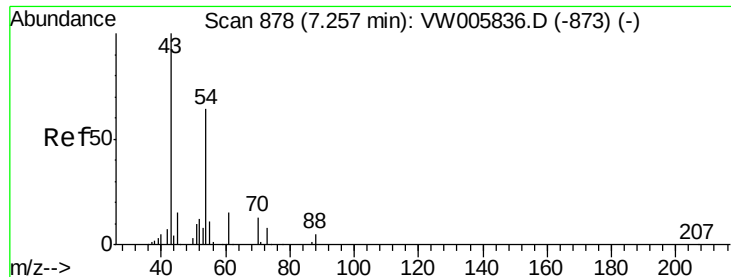


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

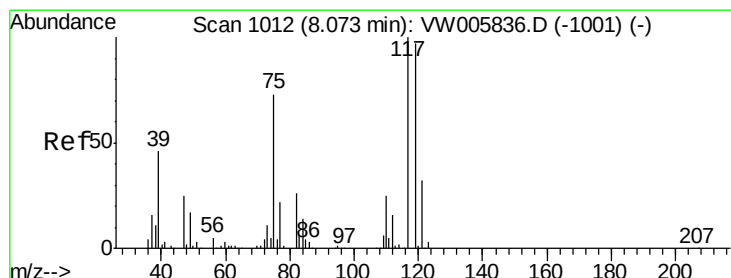
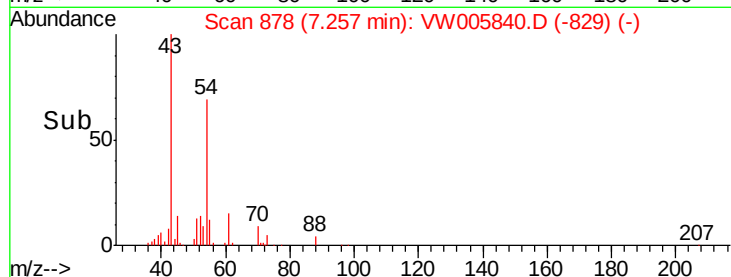
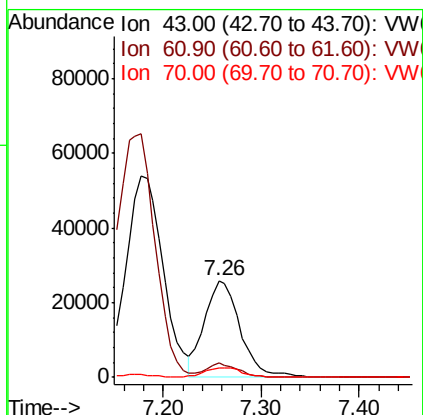
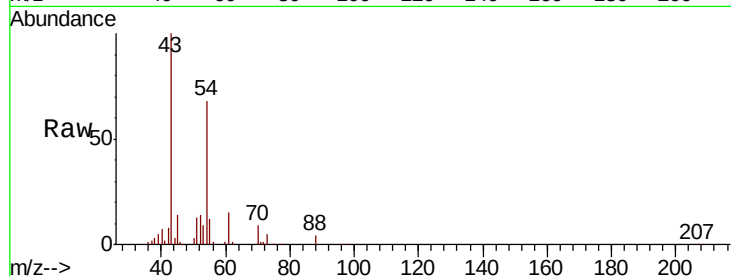




#37
Ethyl Acetate
Concen: 50.709 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

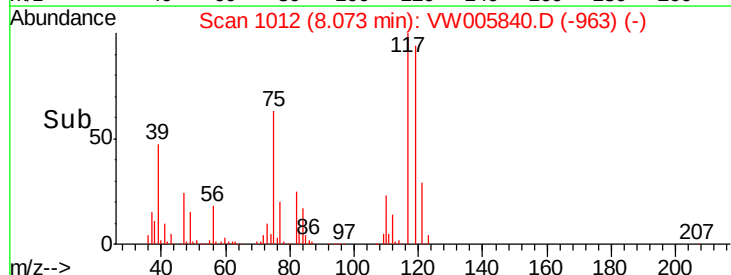
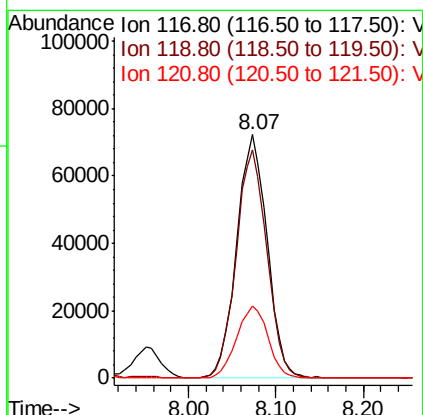
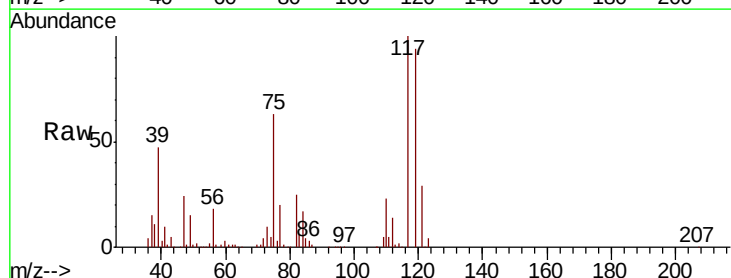
Instrument :
MSVOA_W
ClientSampleId :
ICVWV100418

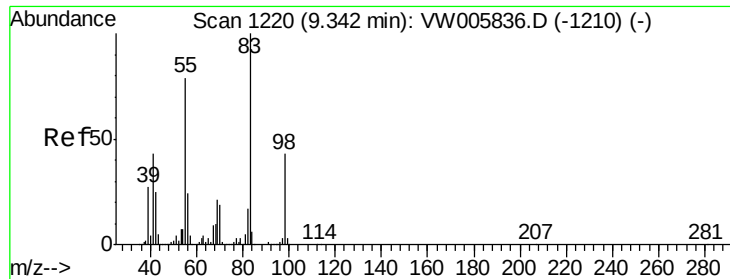
Tot Ion: 43 Resp: 64977
Ion Ratio Lower Upper
43 100
61 12.9 11.2 16.8
70 10.4 8.6 13.0



#38
Carbon Tetrachloride
Concen: 51.075 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion: 117 Resp: 175216
Ion Ratio Lower Upper
117 100
119 93.9 77.9 116.9
121 29.5 25.2 37.8





#39

Methylvlcyclohexane

Concen: 53.173 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVW100418

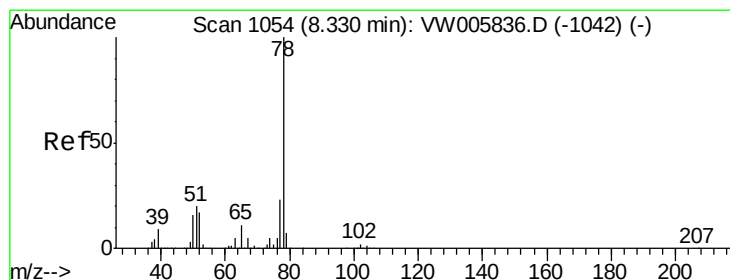
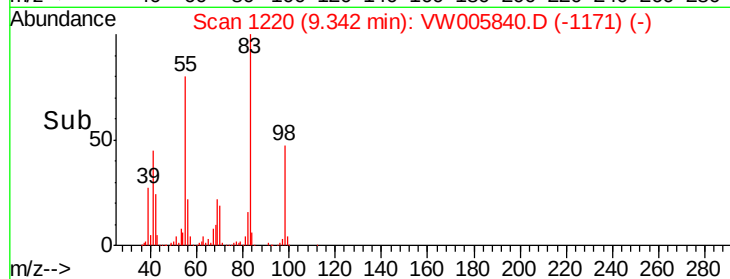
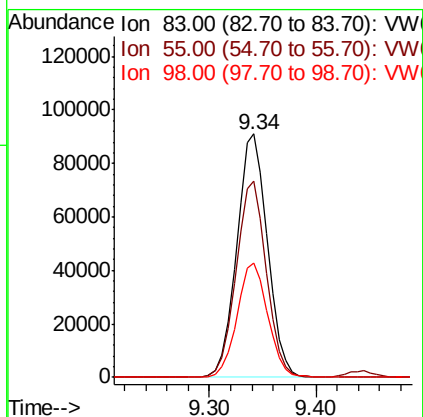
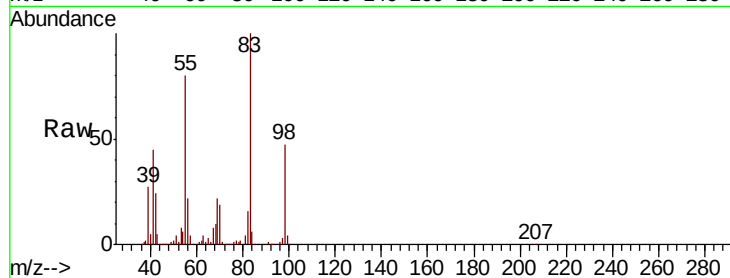
Tot Ion: 83 Resp: 184296

Ion Ratio Lower Upper

83 100

55 80.5 63.0 94.4

98 46.9 34.5 51.7



#40

Benzene

Concen: 50.692 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW005840.D

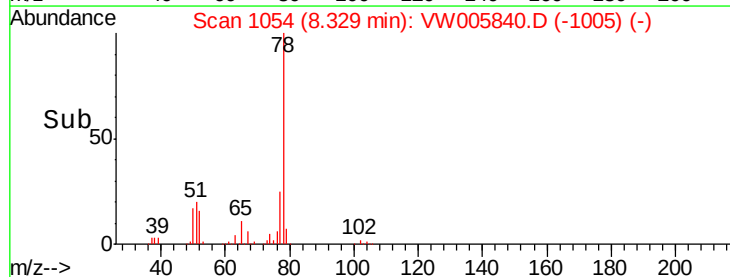
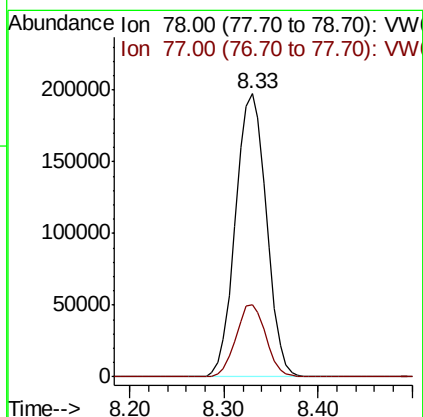
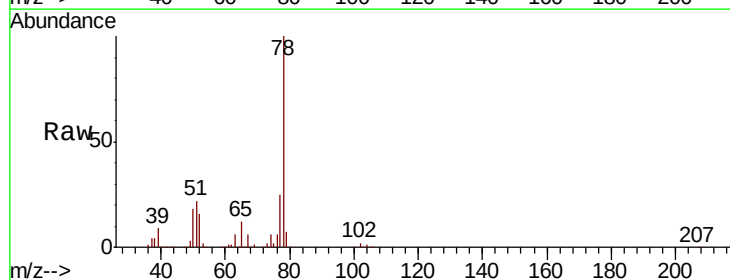
Acq: 04 Oct 2018 06:12

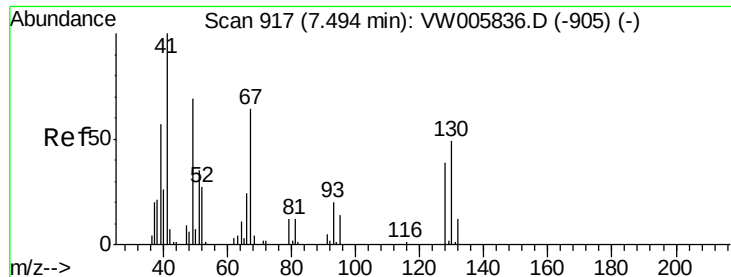
Tgt Ion: 78 Resp: 452330

Ion Ratio Lower Upper

78 100

77 25.4 18.6 28.0

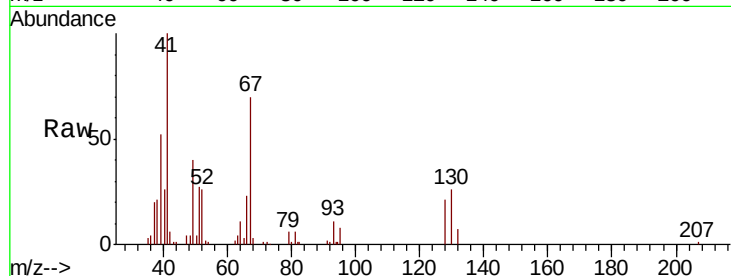




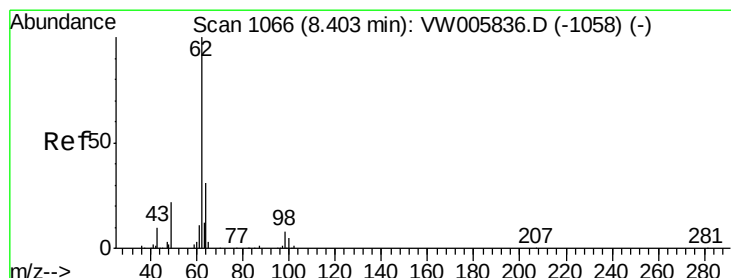
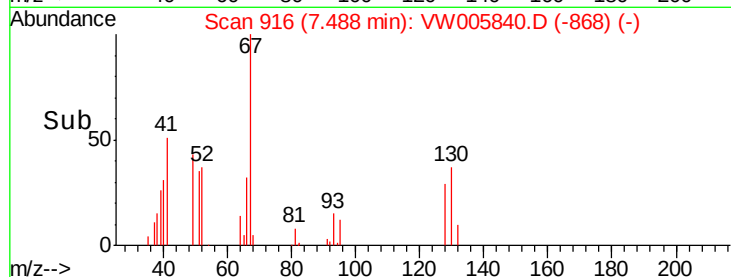
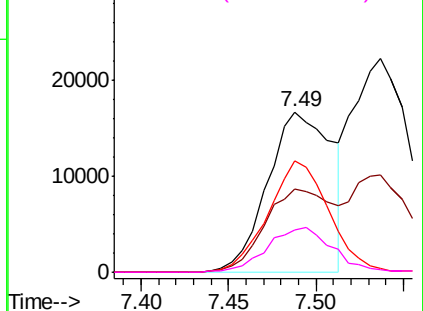
#41
Methacrylonitrile
Concen: 55.905 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampleId :
ICVW100418

Tot Ion:	41	Resp:	42807
Ion	Ratio	Lower	Upper
41	100		
39	54.7	45.6	68.4
67	65.6	53.6	80.4
52	28.2	23.9	35.9

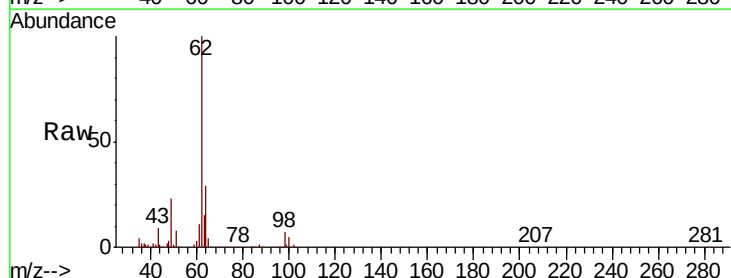


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

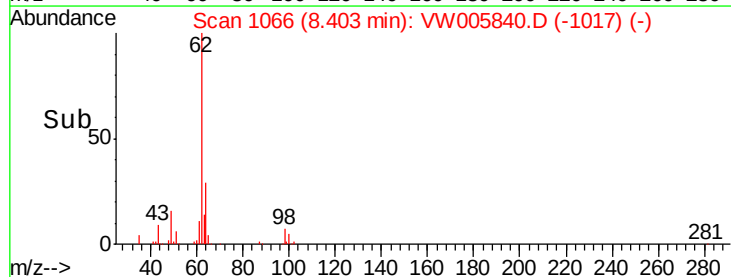
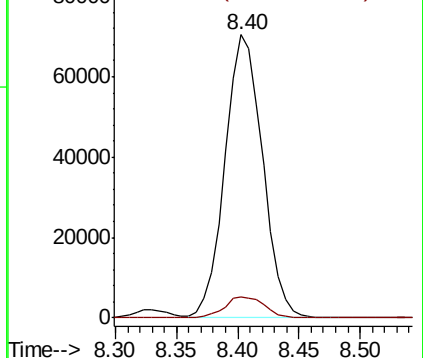


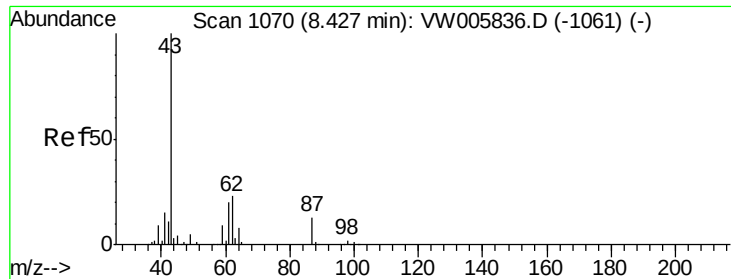
#42
1,2-Dichloroethane
Concen: 49.923 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion:	62	Resp:	149828
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 50.830 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100418

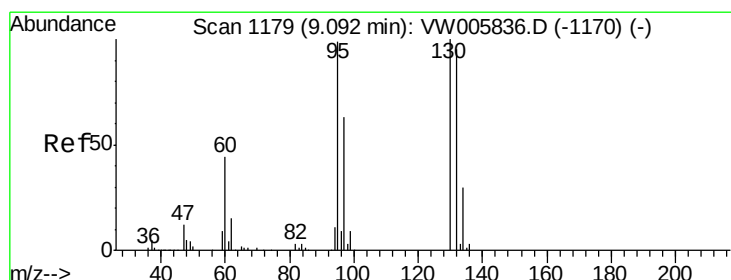
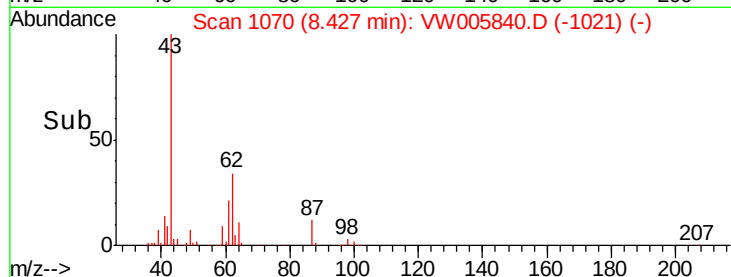
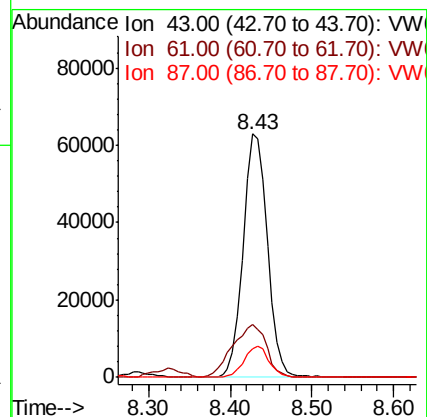
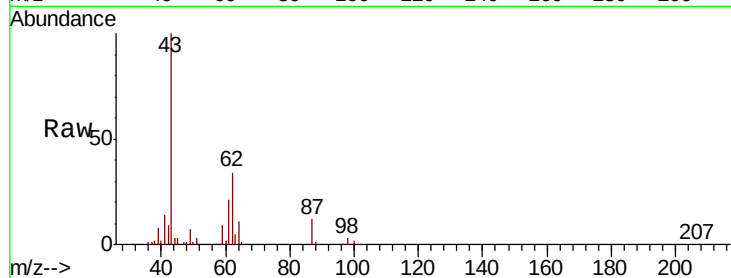
Tot Ion: 43 Resp: 128740

Ion Ratio Lower Upper

43 100

61 30.5 24.1 36.1

87 13.2 10.6 16.0



#44

Trichloroethene

Concen: 51.132 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW005840.D

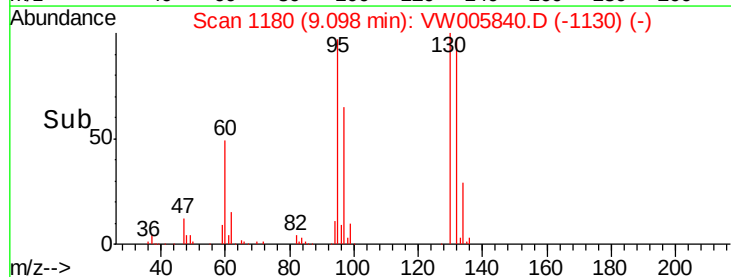
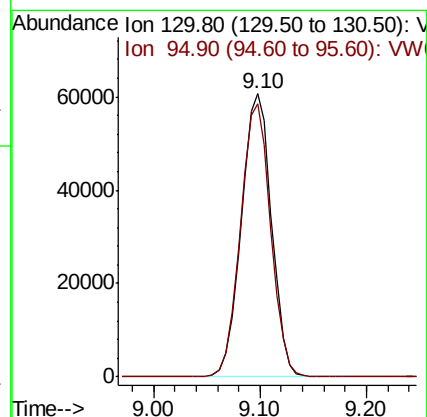
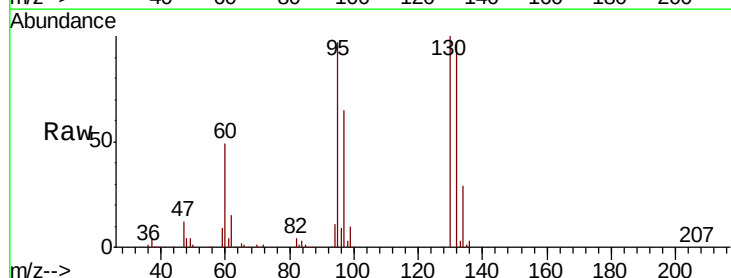
Acq: 04 Oct 2018 06:12

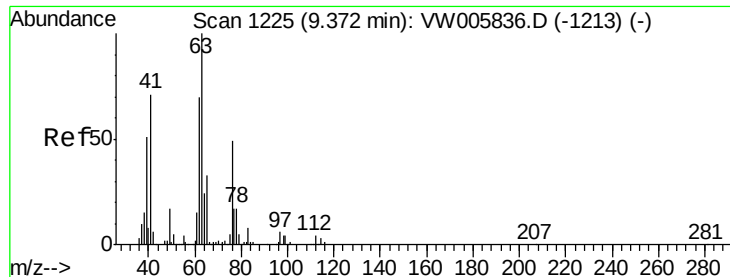
Tgt Ion:130 Resp: 120586

Ion Ratio Lower Upper

130 100

95 96.6 0.0 197.6





#45

1,2-Dichloropropane

Concen: 50.112 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

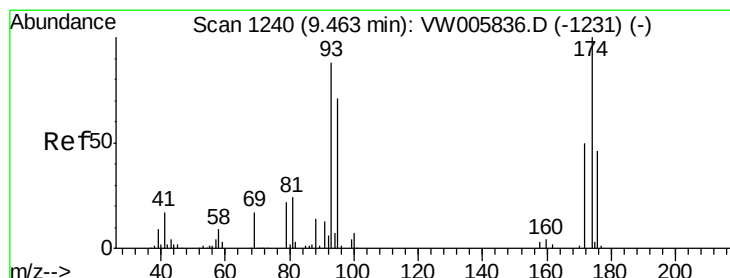
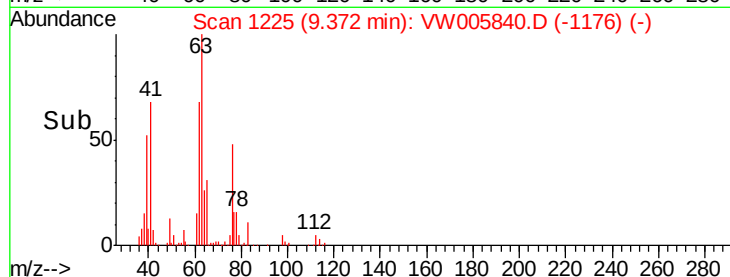
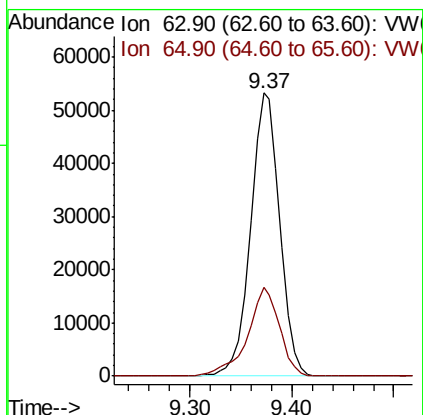
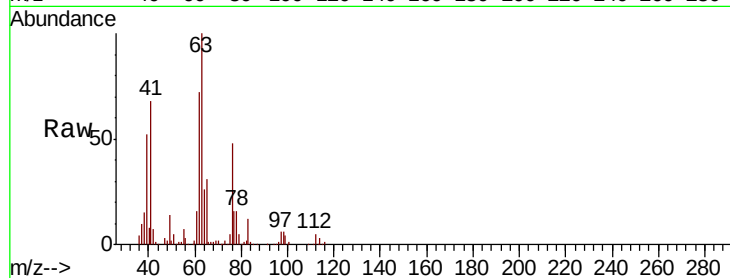
ICVWV100418

Tot Ion: 63 Resp: 105884

Ion Ratio Lower Upper

63 100

65 31.4 26.1 39.1



#46

Dibromomethane

Concen: 48.539 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

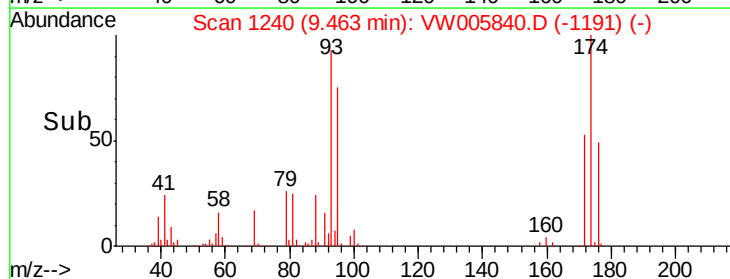
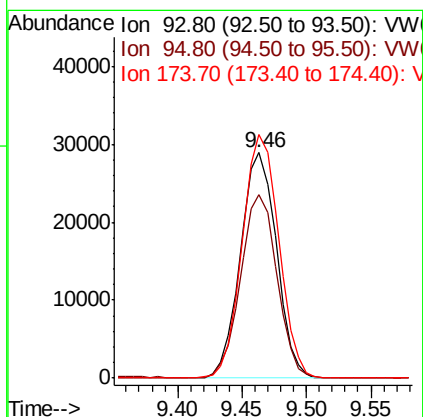
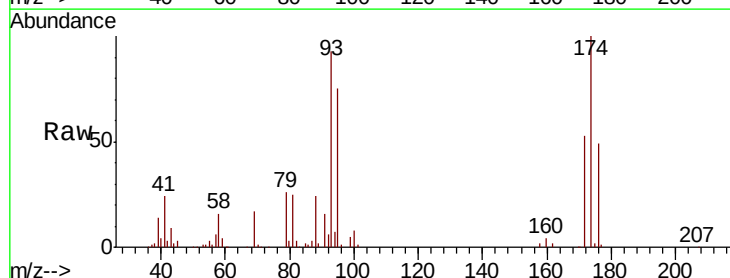
Tgt Ion: 93 Resp: 56092

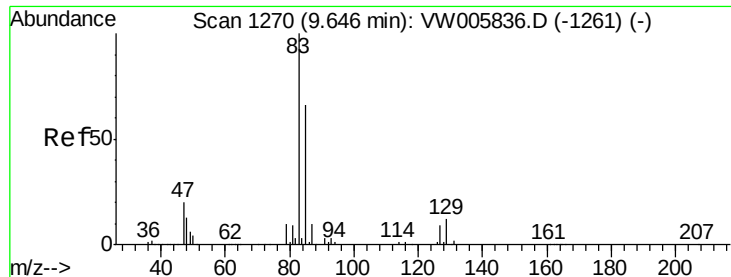
Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

174 109.6 88.4 132.6





#47

Bromodichloromethane

Concen: 49.142 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100418

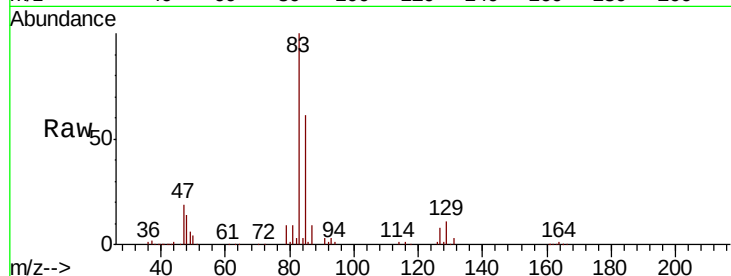
Tot Ion: 83 Resp: 150298

Ion Ratio Lower Upper

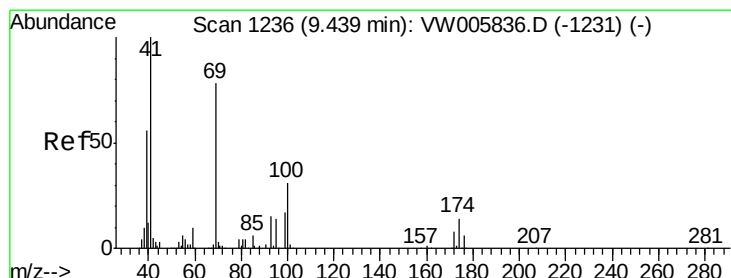
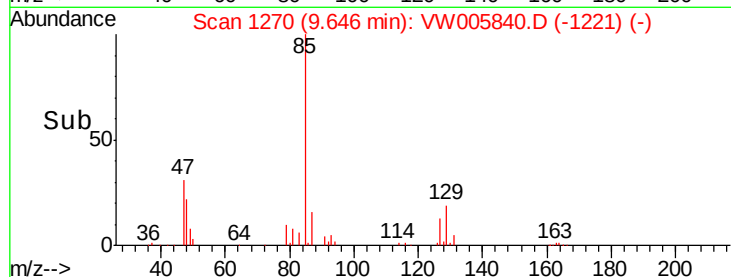
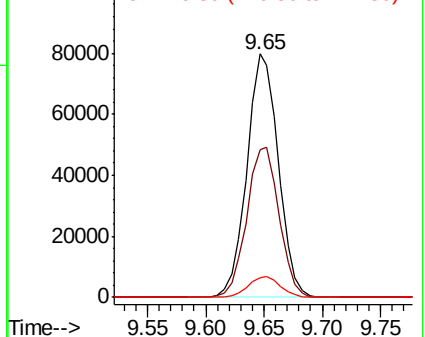
83 100

85 60.9 52.6 78.8

127 7.9 7.4 11.0



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: 51.437 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

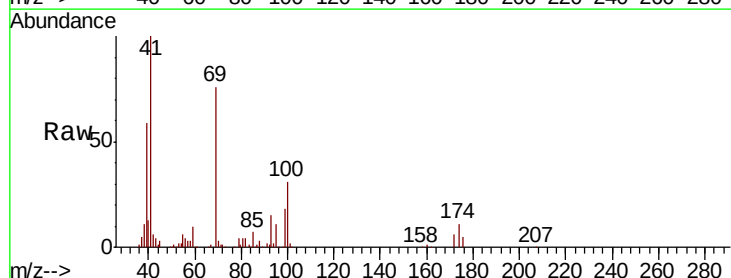
Tgt Ion: 41 Resp: 63073

Ion Ratio Lower Upper

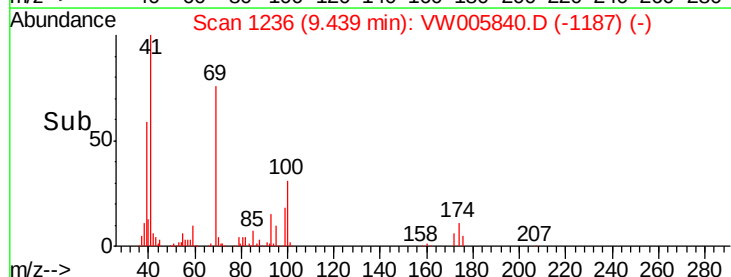
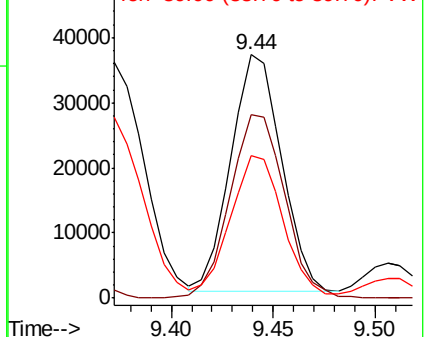
41 100

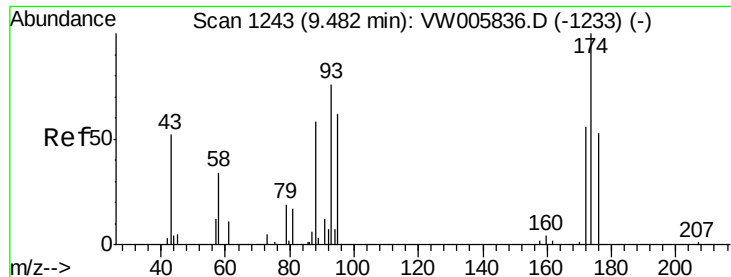
69 84.2 66.4 99.6

39 62.7 50.1 75.1



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: 1004.902 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVW100418

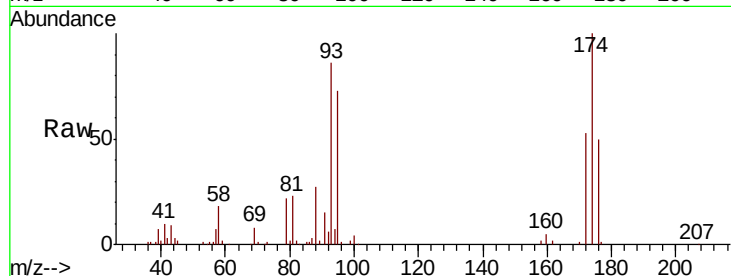
Tot Ion: 88 Resp: 18144

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

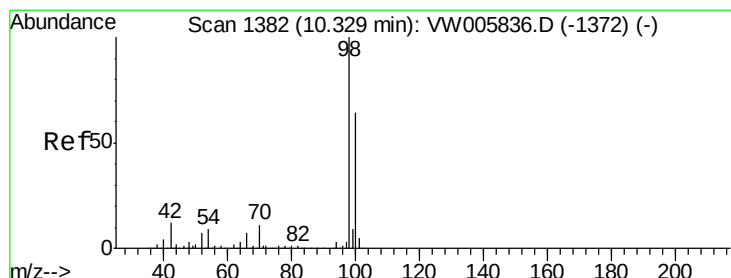
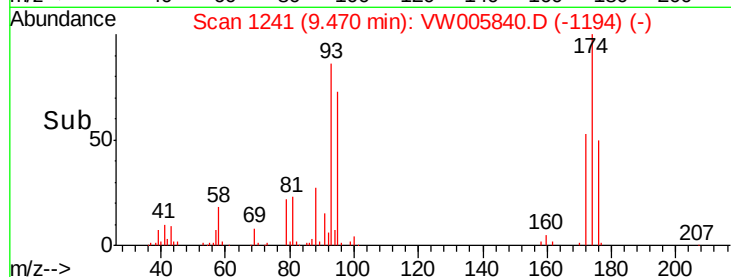
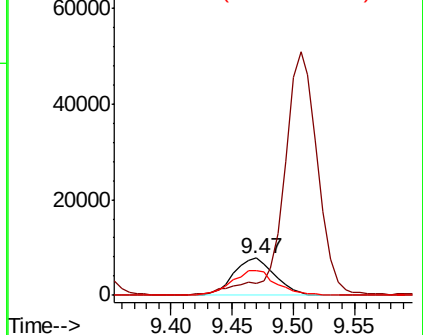
58 73.3 58.1 87.1



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: 51.009 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005840.D

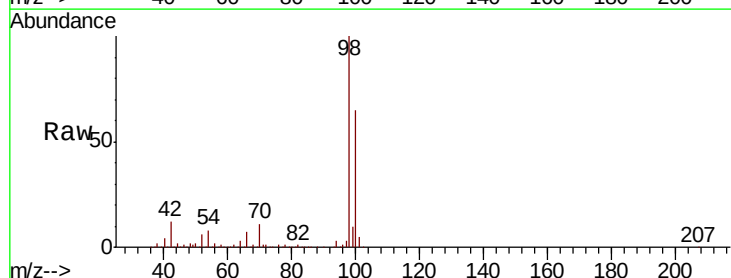
Acq: 04 Oct 2018 06:12

Tgt Ion: 98 Resp: 411188

Ion Ratio Lower Upper

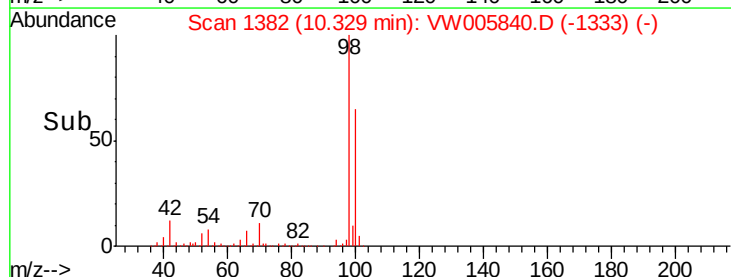
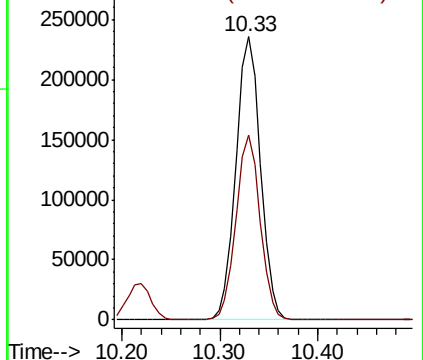
98 100

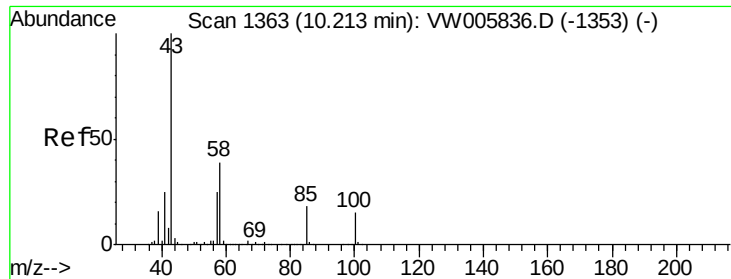
100 64.2 51.7 77.5



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: 252.987 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

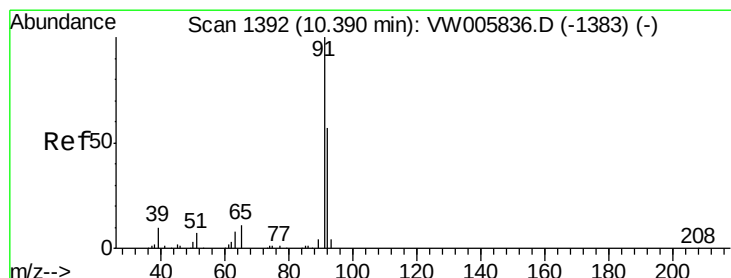
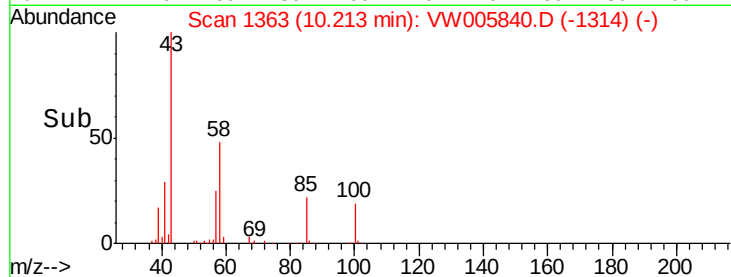
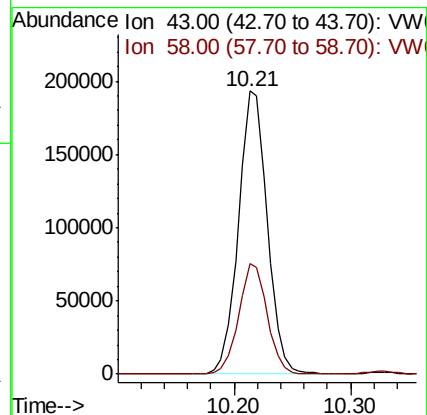
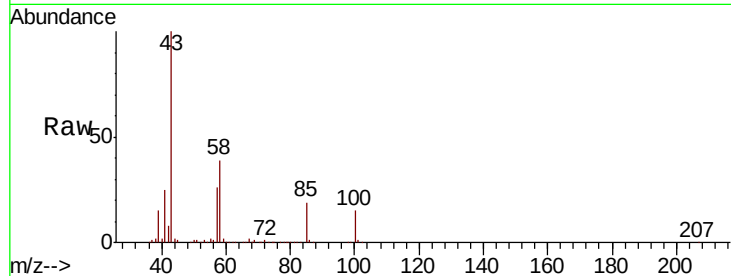
ICVW100418

Tot Ion: 43 Resp: 333349

Ion Ratio Lower Upper

43 100

58 38.5 30.6 45.8



#52

Toluene

Concen: 52.163 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005840.D

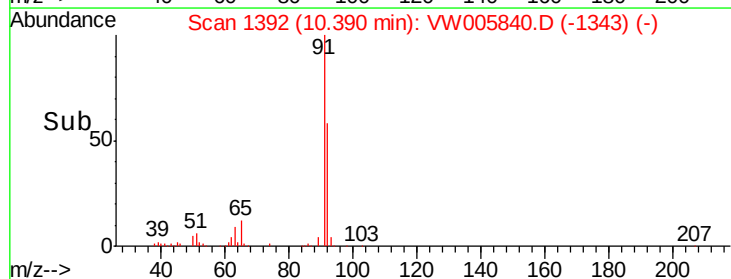
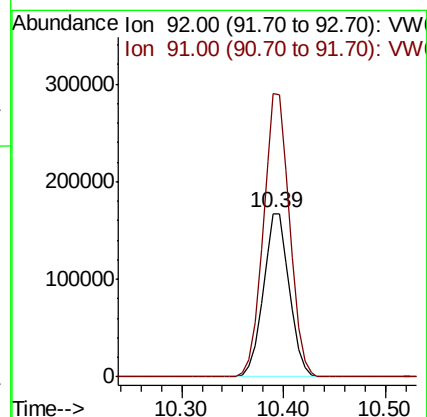
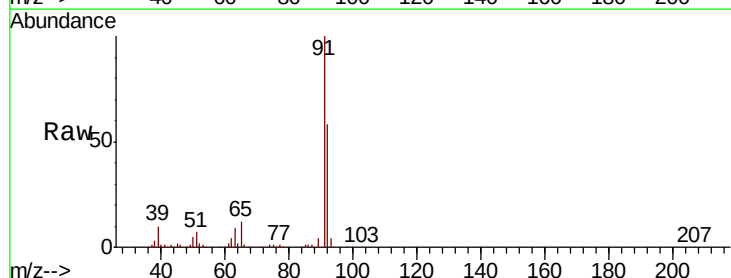
Acq: 04 Oct 2018 06:12

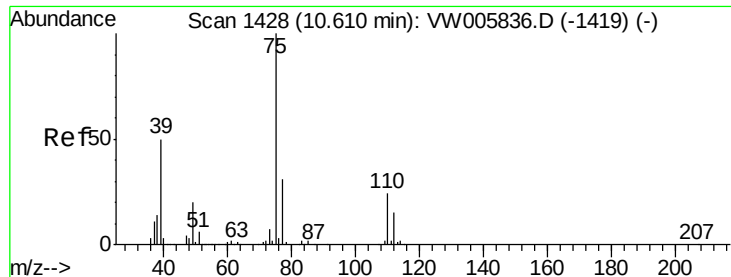
Tgt Ion: 92 Resp: 296660

Ion Ratio Lower Upper

92 100

91 174.7 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 51.688 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

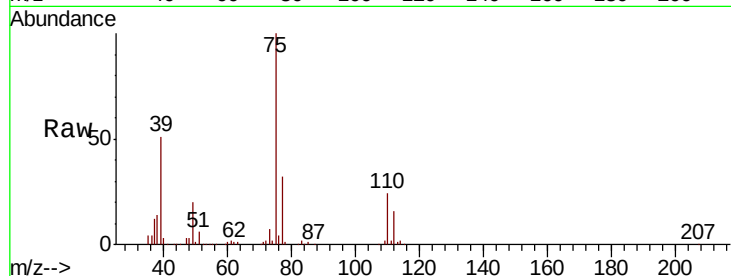
ICVWV100418

Tot Ion: 75 Resp: 154352

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

80000

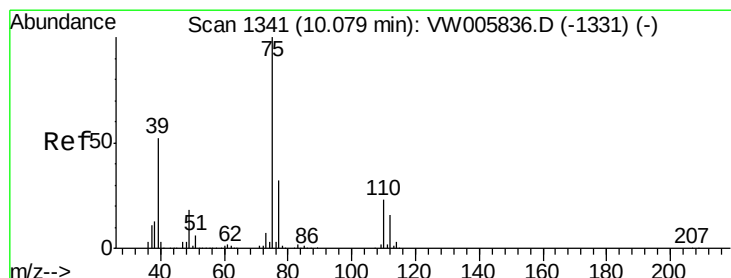
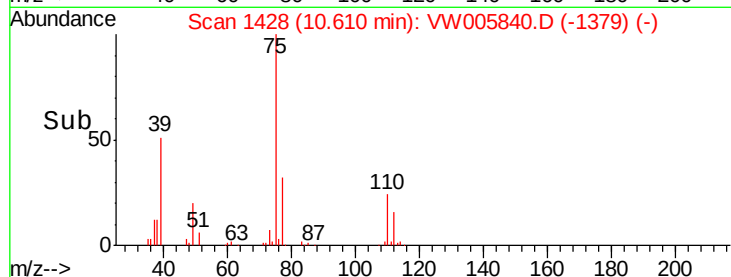
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.813 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

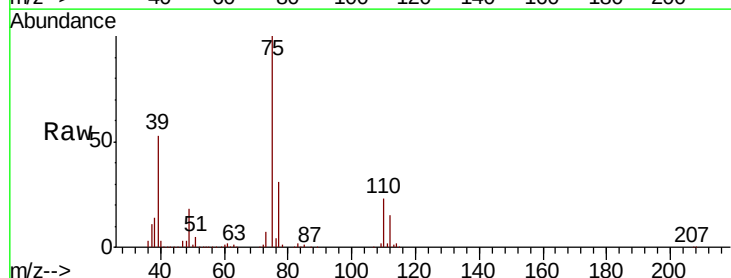
Tgt Ion: 75 Resp: 173228

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2

39 52.9 41.9 62.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

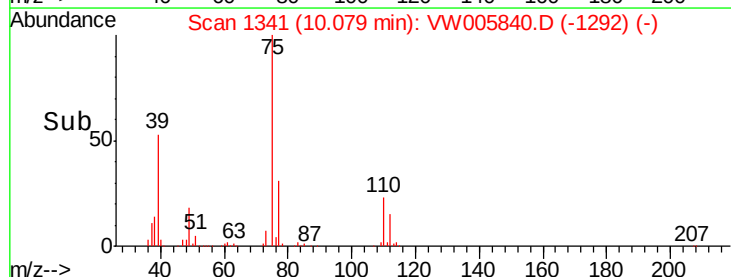
10.08

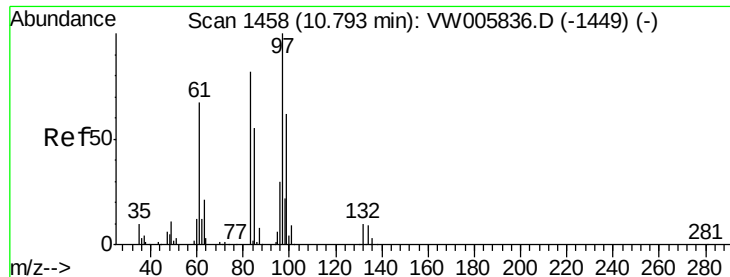
100000

50000

0

Time-->

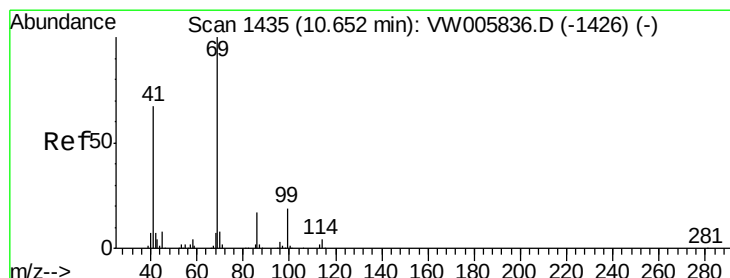
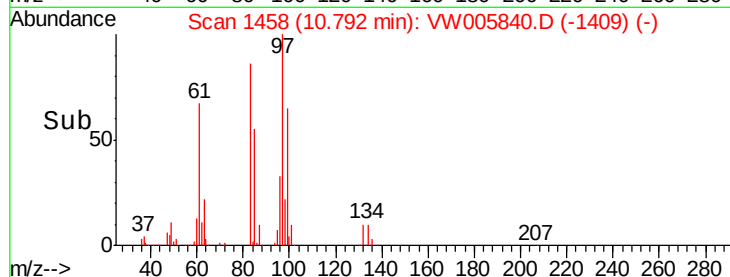
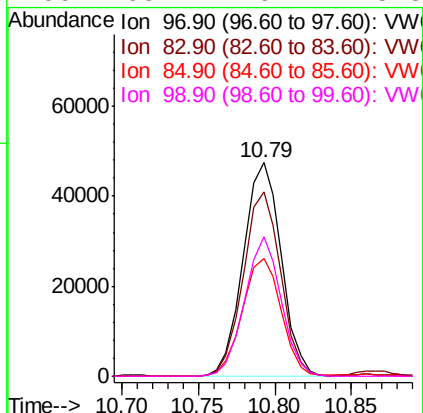
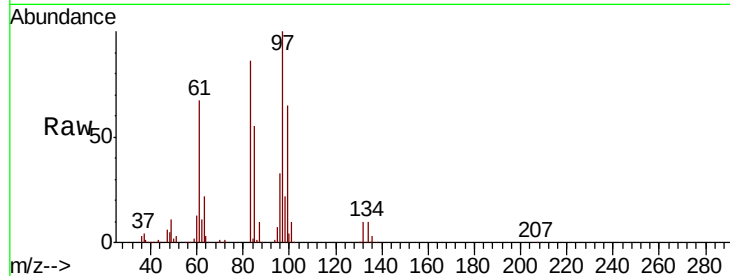




#55
 1,1,2-Trichloroethane
 Concen: 49.074 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

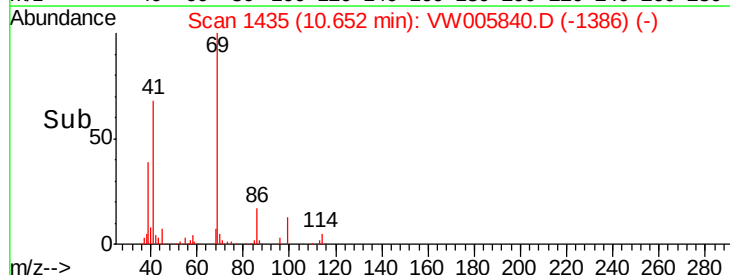
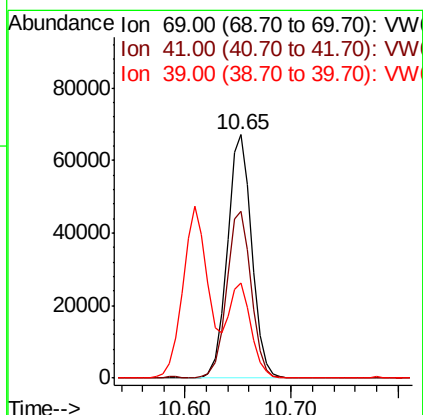
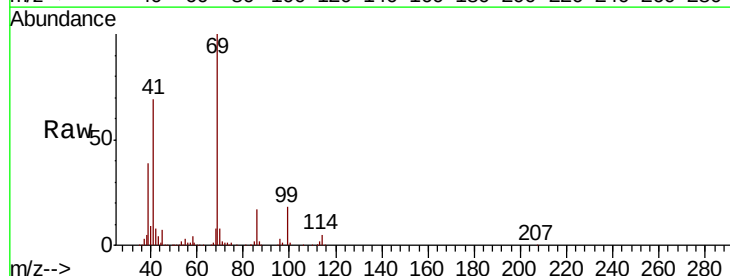
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

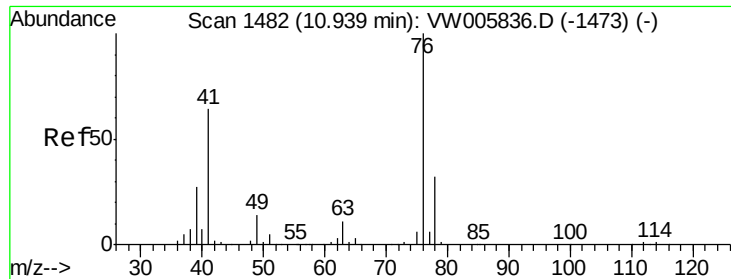
Tot Ion:	97	Resp:	81926
Ion	Ratio	Lower	Upper
97	100		
83	86.2	65.9	98.9
85	54.9	44.2	66.2
99	65.1	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 53.732 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion:	69	Resp:	107431
Ion	Ratio	Lower	Upper
69	100		
41	68.5	55.8	83.6
39	35.7	29.3	43.9

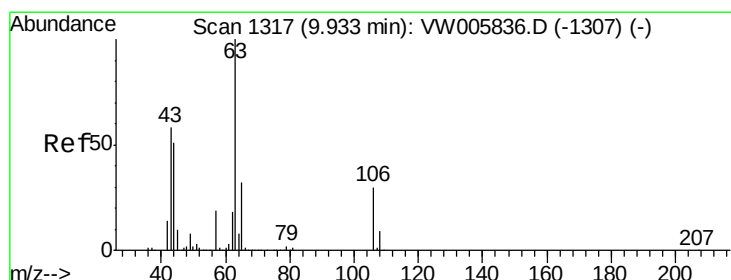
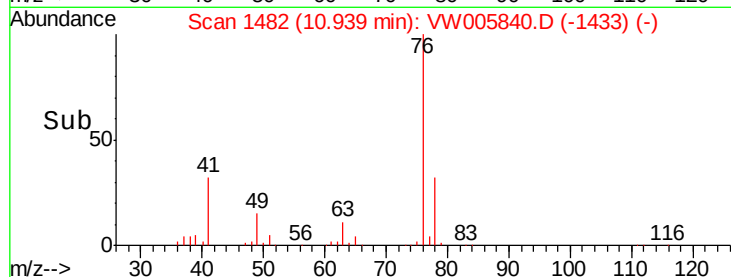
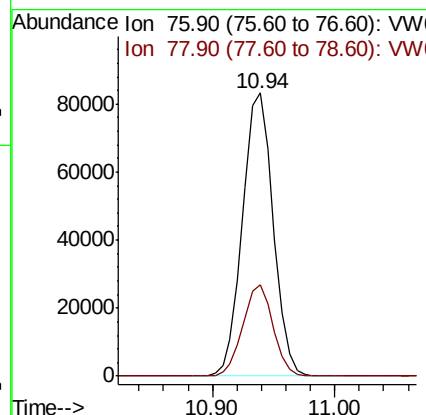
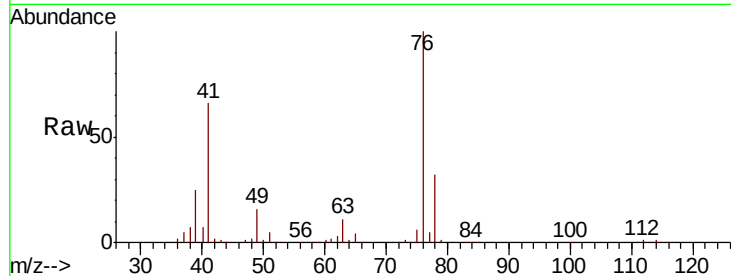




#57
 1,3-Dichloropropane
 Concen: 50.829 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

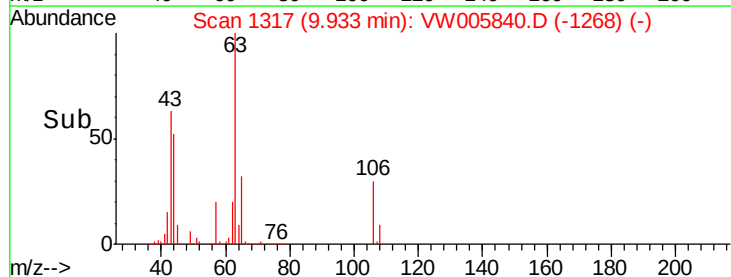
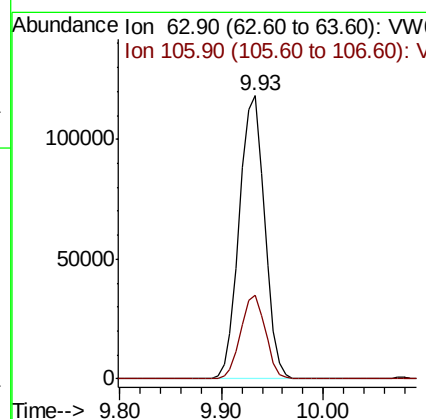
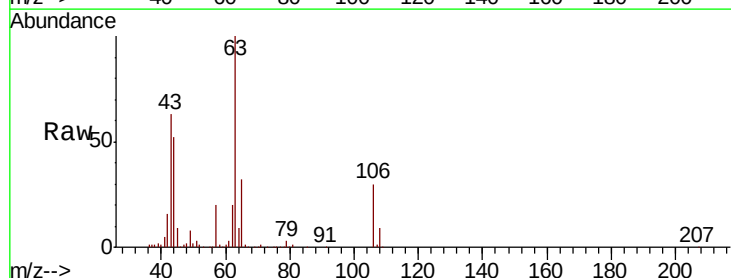
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

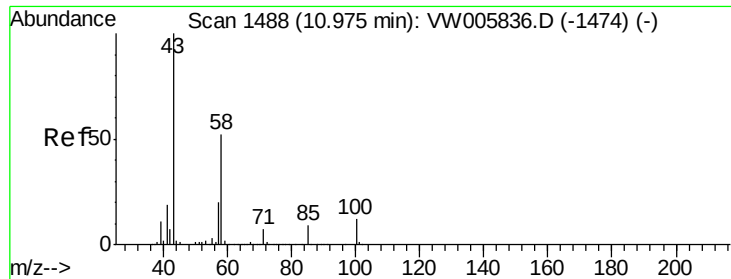
Tot Ion: 76 Resp: 144463
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.696 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion: 63 Resp: 202774
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.7 35.5

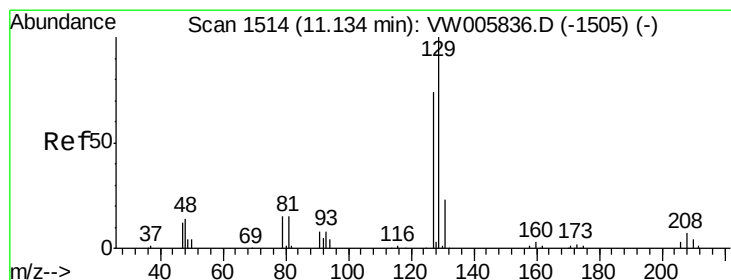
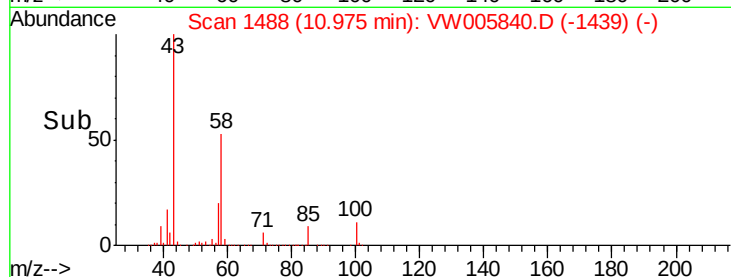
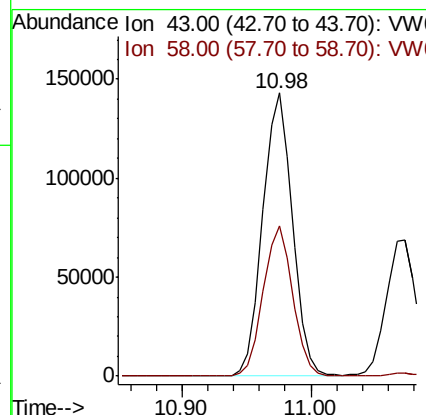
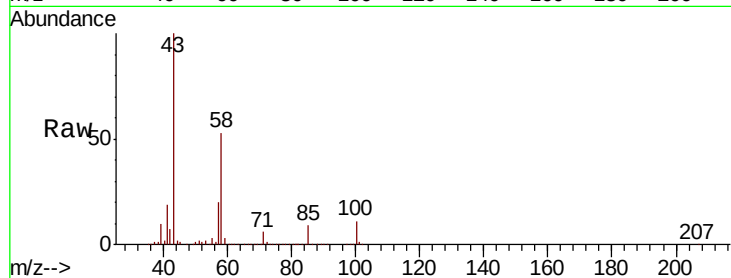




#59
2-Hexanone
Concen: 258.615 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

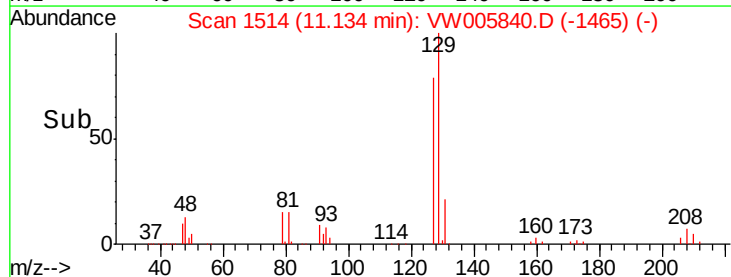
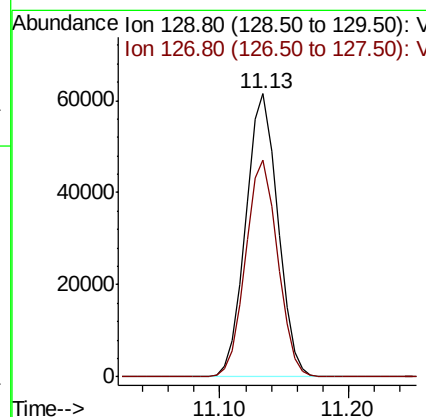
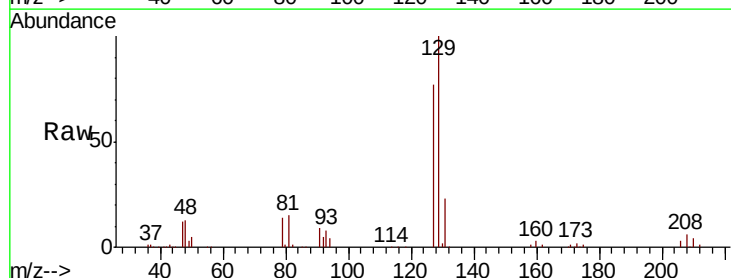
Instrument :
MSVOA_W
ClientSampleId :
ICVWV100418

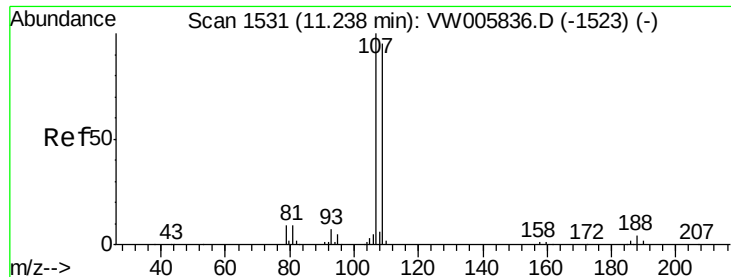
Tot Ion: 43 Resp: 227921
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.7



#60
Dibromochloromethane
Concen: 50.719 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion: 129 Resp: 105699
Ion Ratio Lower Upper
129 100
127 76.3 37.2 111.6





#61

1,2-Dibromoethane

Concen: 51.213 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

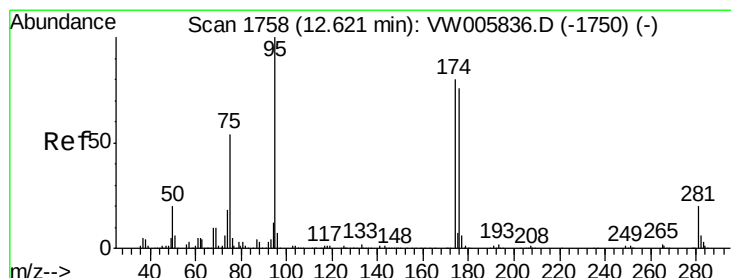
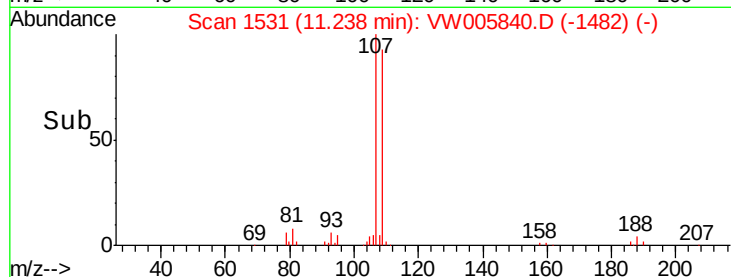
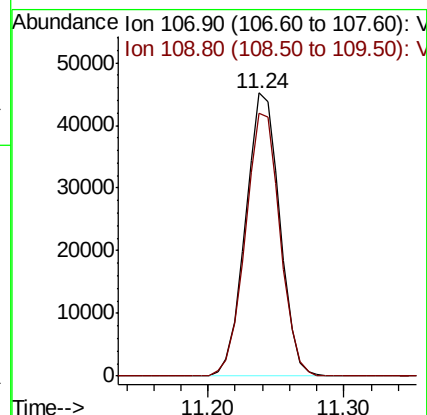
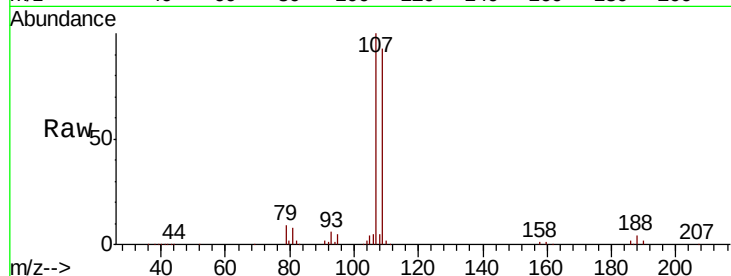
ICVWV100418

Tot Ion:107 Resp: 79418

Ion Ratio Lower Upper

107 100

109 94.2 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 51.399 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

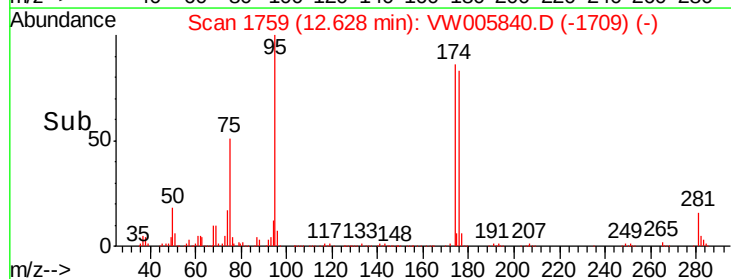
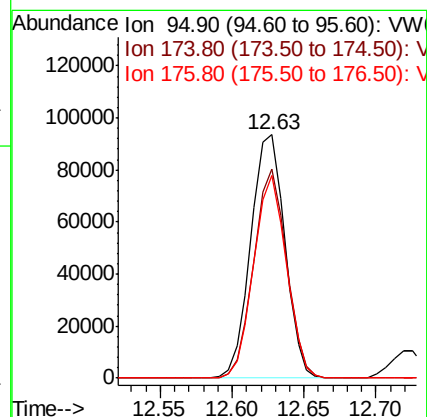
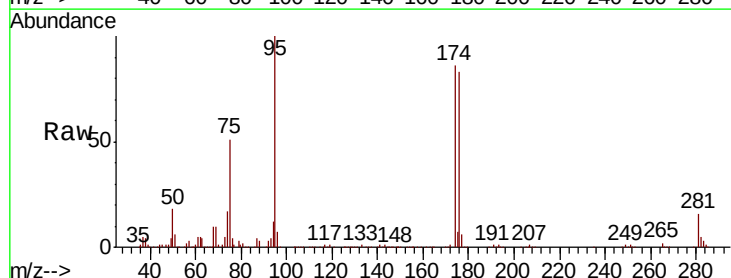
Tgt Ion: 95 Resp: 153124

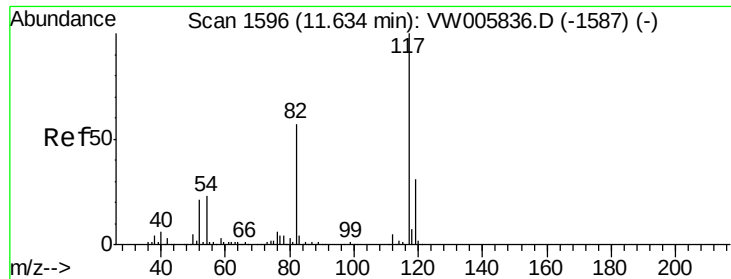
Ion Ratio Lower Upper

95 100

174 82.8 0.0 169.0

176 80.1 0.0 164.2

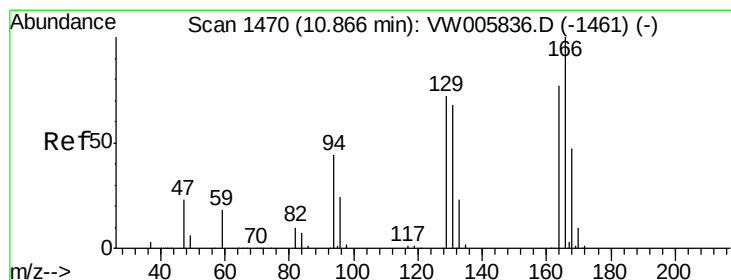
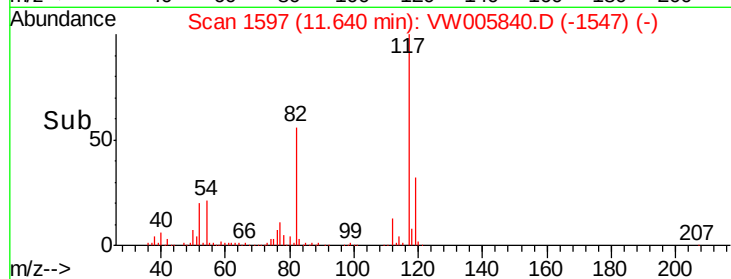
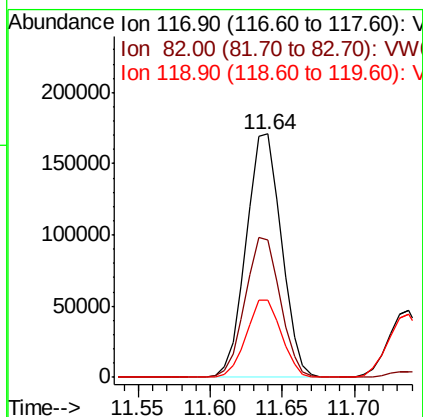
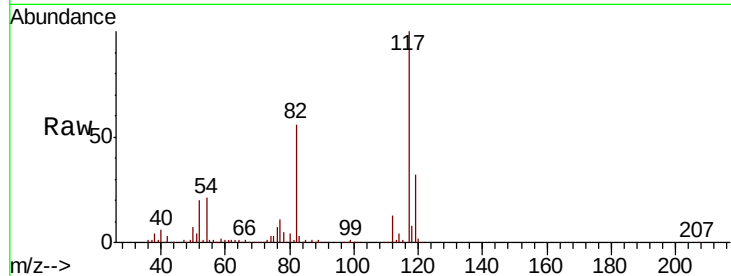




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

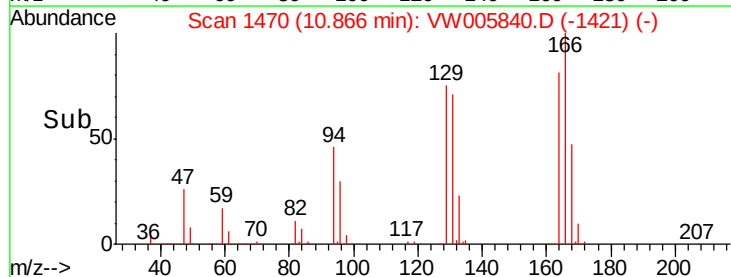
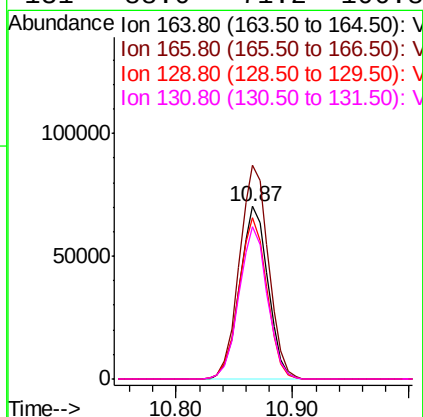
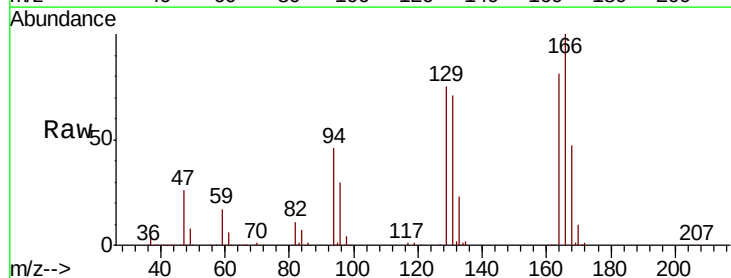
Instrument :
MSVOA_W
ClientSampleId :
ICVW100418

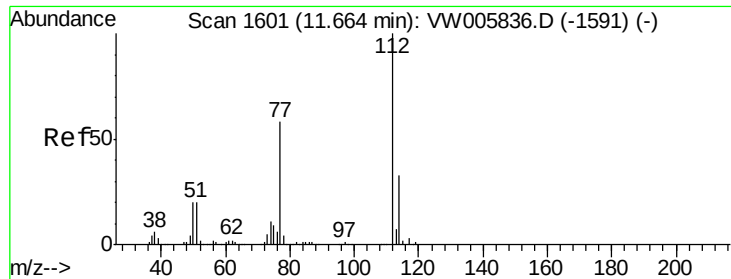
Tot Ion:117 Resp: 290120
Ion Ratio Lower Upper
117 100
82 56.2 45.6 68.4
119 31.7 25.0 37.6



#64
Tetrachloroethene
Concen: 52.605 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion:164 Resp: 119129
Ion Ratio Lower Upper
164 100
166 123.8 104.0 156.0
129 93.2 74.8 112.2
131 88.0 71.2 106.8

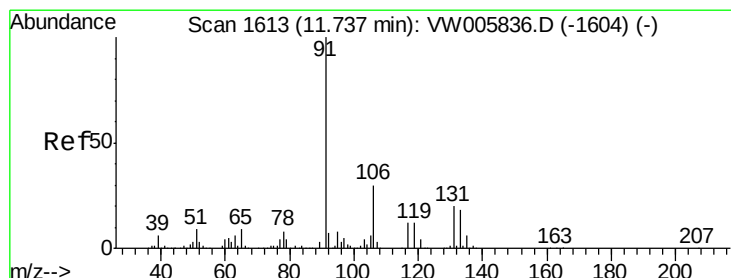
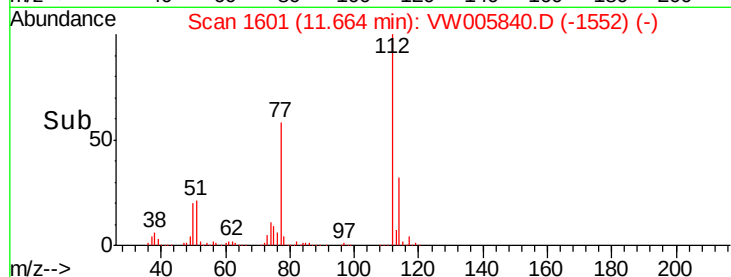
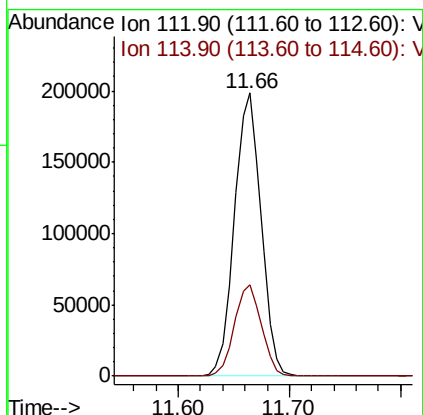
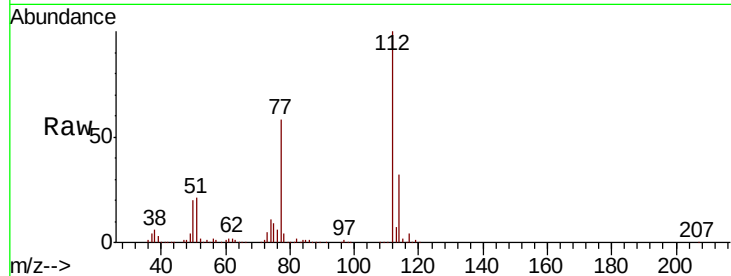




#65
Chlorobenzene
Concen: 51.708 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

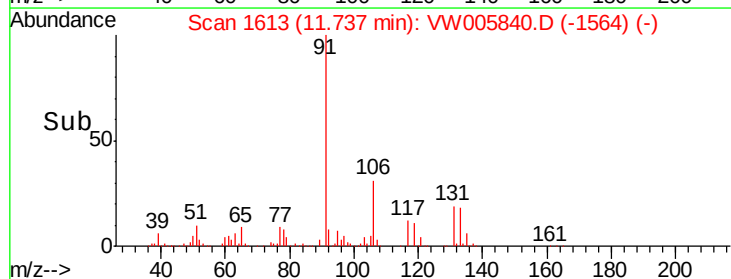
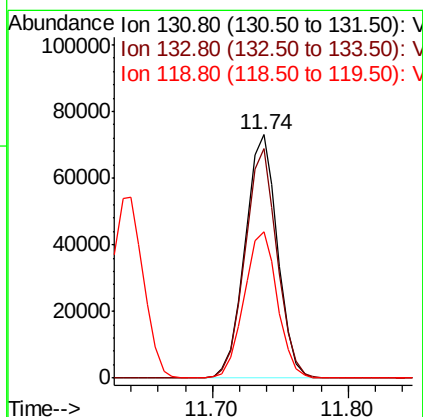
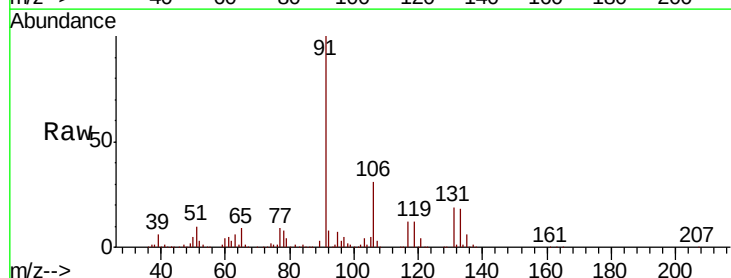
Instrument :
MSVOA_W
ClientSampleId :
ICVW100418

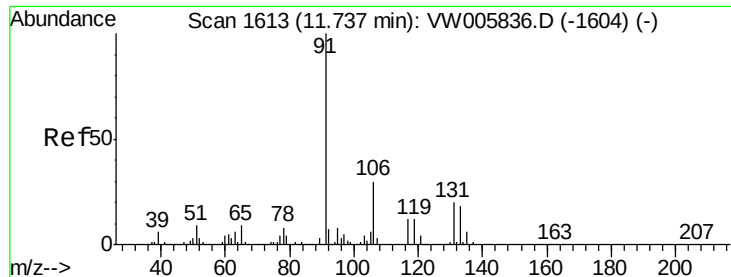
Tot Ion:112 Resp: 328012
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.730 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion:131 Resp: 121633
Ion Ratio Lower Upper
131 100
133 93.4 47.0 141.0
119 61.7 30.4 91.2

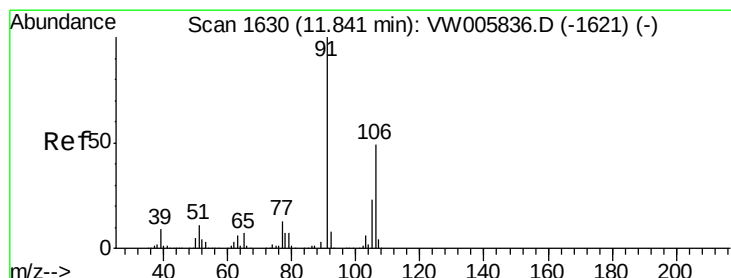
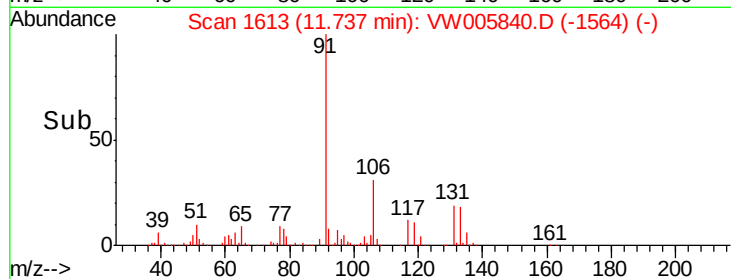
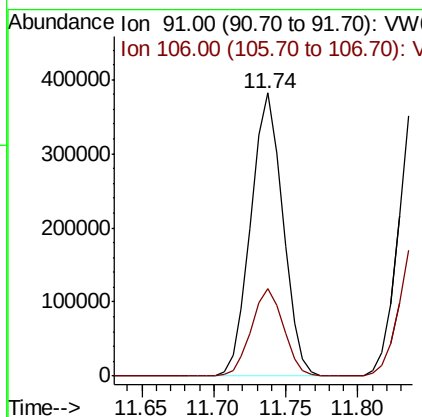
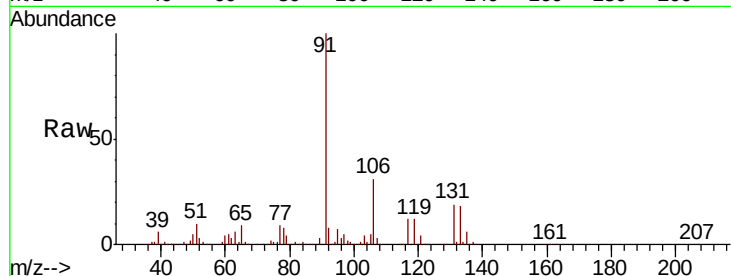




#67
Ethyl Benzene
Concen: 54.277 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

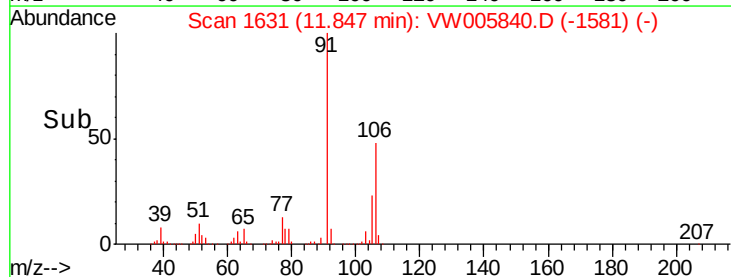
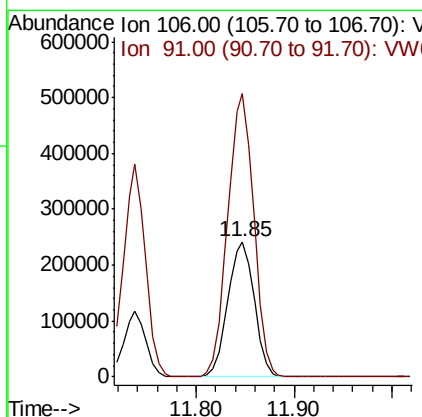
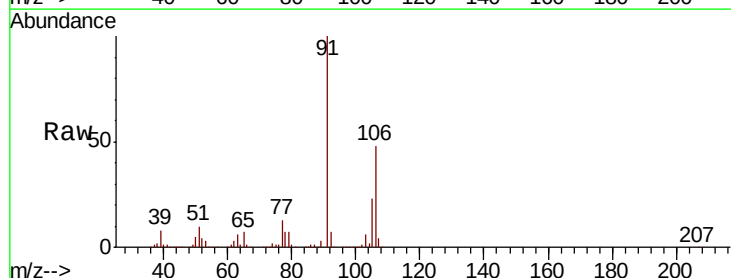
Instrument :
MSVOA_W
ClientSampleId :
ICVW100418

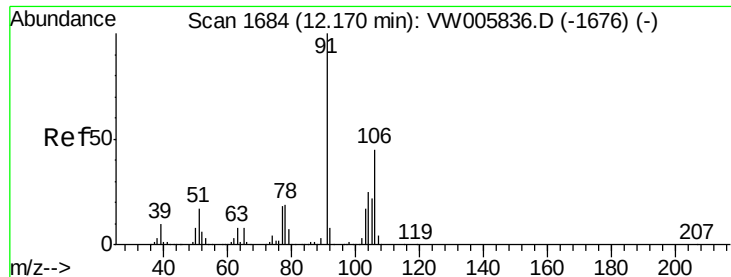
Tot Ion: 91 Resp: 589572
Ion Ratio Lower Upper
91 100
106 30.9 24.3 36.5



#68
m/p-Xylenes
Concen: 107.715 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion: 106 Resp: 450850
Ion Ratio Lower Upper
106 100
91 207.9 165.4 248.0

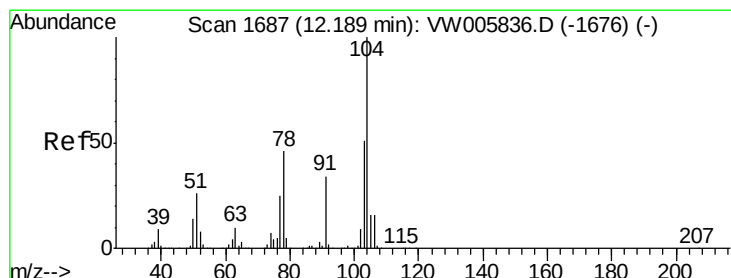
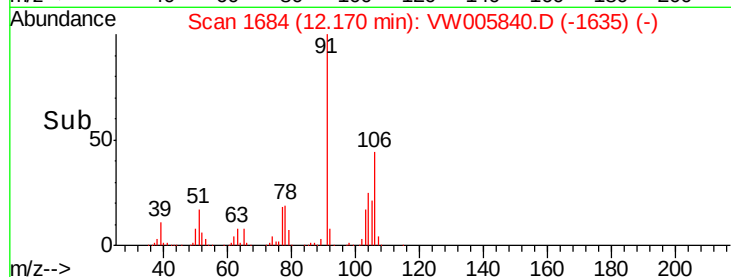
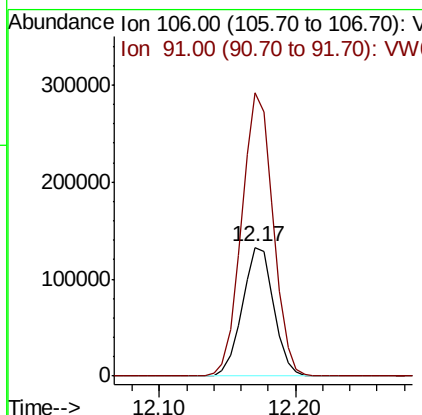
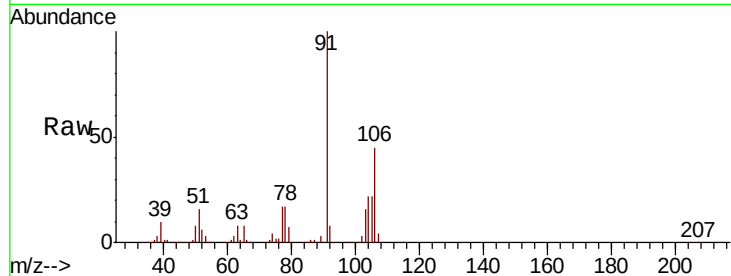




#69
o-Xylene
Concen: 54.886 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

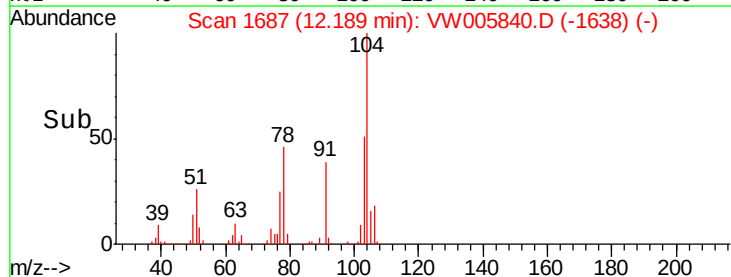
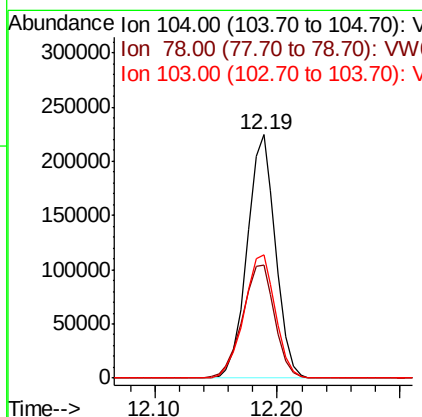
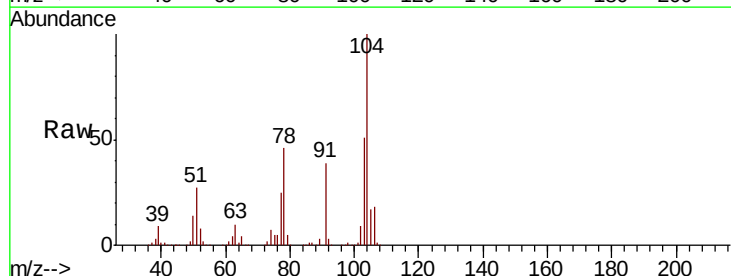
Instrument :
MSVOA_W
ClientSampleId :
ICVW100418

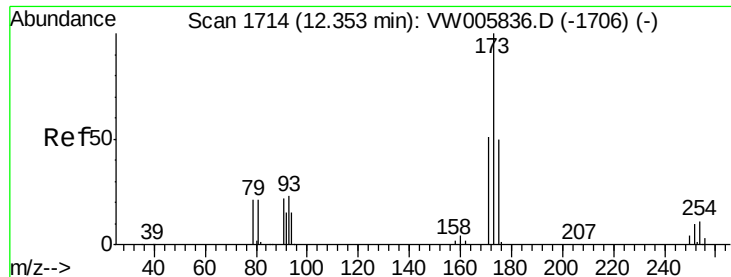
Tot Ion:106 Resp: 213532
Ion Ratio Lower Upper
106 100
91 220.0 109.7 329.1



#70
Styrene
Concen: 54.634 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion:104 Resp: 360530
Ion Ratio Lower Upper
104 100
78 52.8 42.3 63.5
103 55.9 44.9 67.3





#71

Bromoform

Concen: 50.457 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVW100418

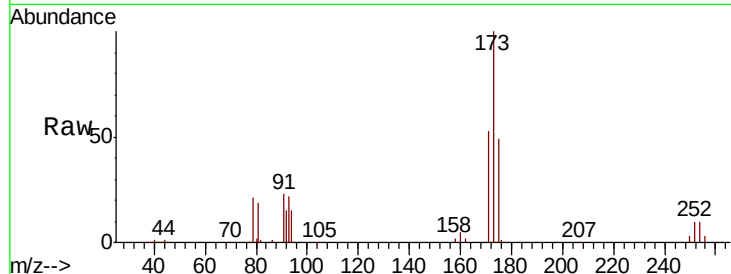
Tot Ion:173 Resp: 65311

Ion Ratio Lower Upper

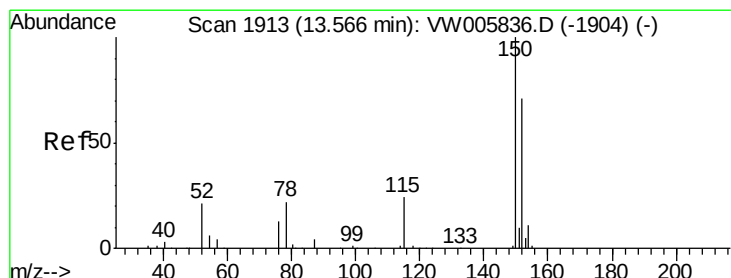
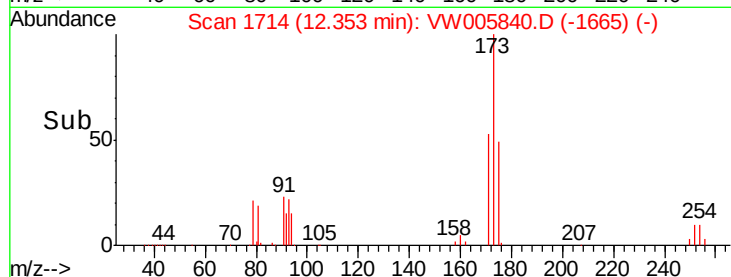
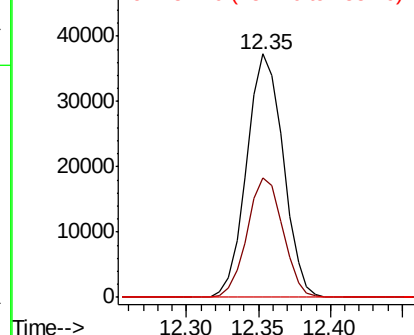
173 100

175 48.1 24.3 72.9

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

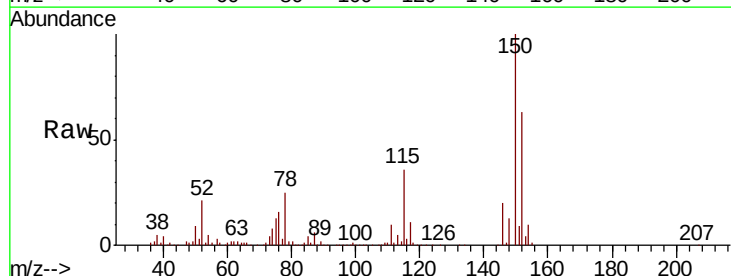
Tgt Ion:152 Resp: 157946

Ion Ratio Lower Upper

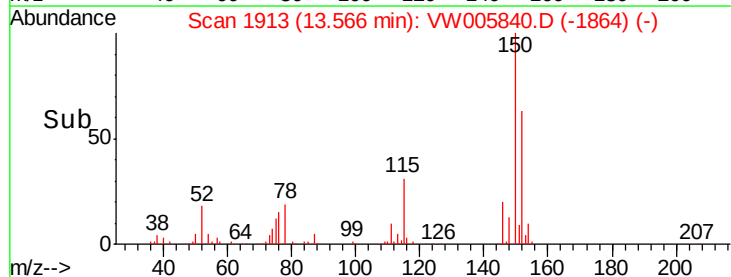
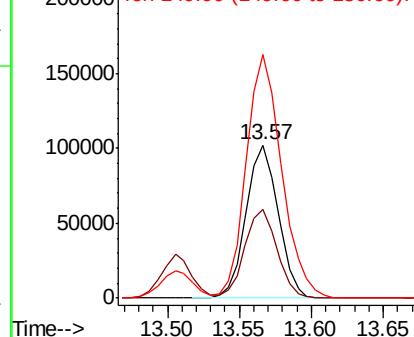
152 100

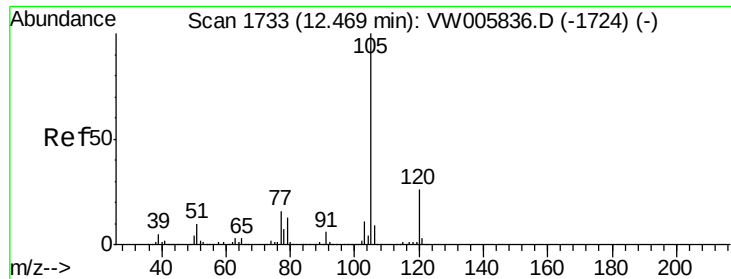
115 57.7 29.8 89.4

150 175.4 0.0 349.4



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: 54.872 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

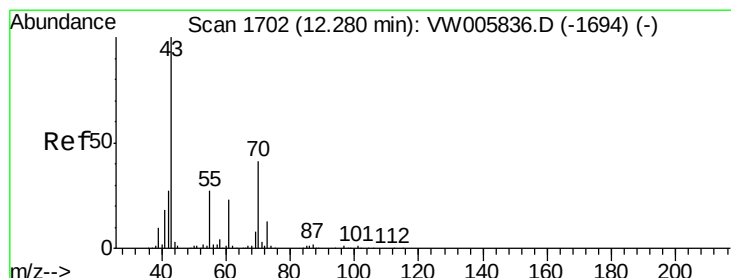
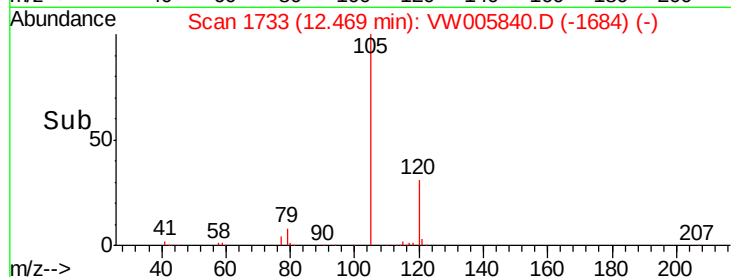
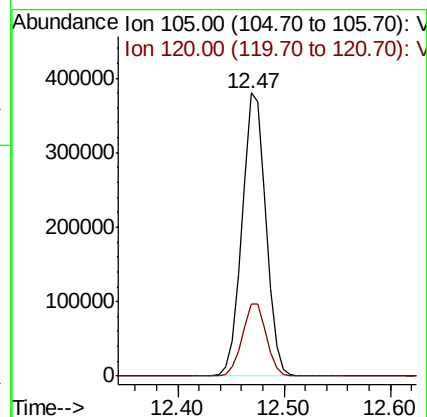
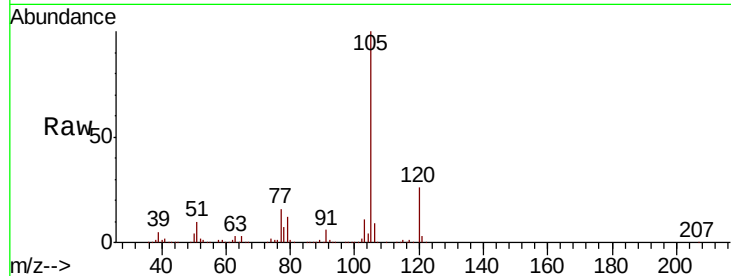
ICVW100418

Tot Ion:105 Resp: 596319

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



#74

N-ethyl acetate

Concen: 52.135 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Tgt Ion: 43 Resp: 123302

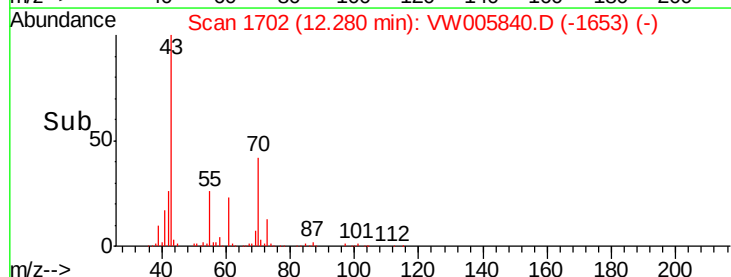
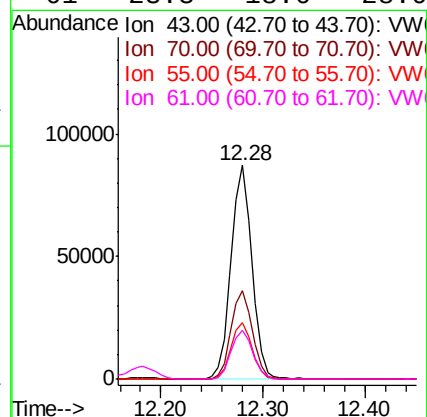
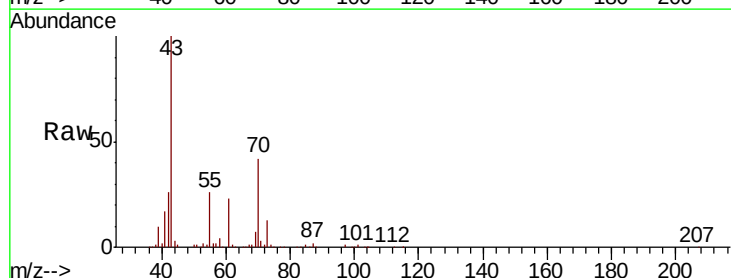
Ion Ratio Lower Upper

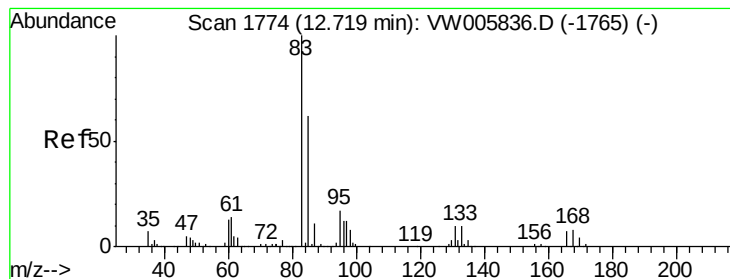
43 100

70 42.1 33.6 50.4

55 26.3 21.8 32.6

61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.418 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100418

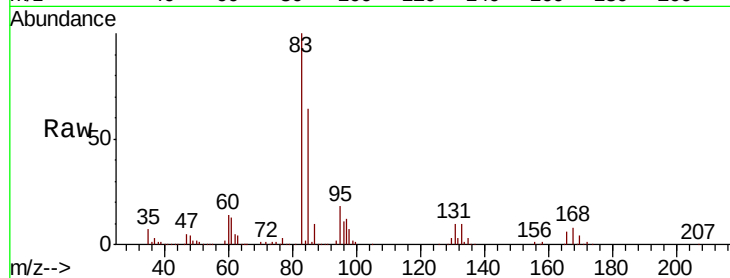
Tot Ion: 83 Resp: 94009

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.6

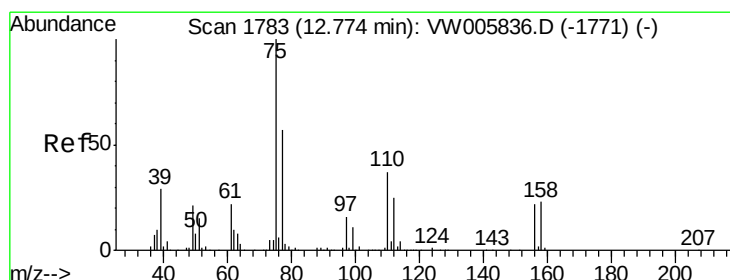
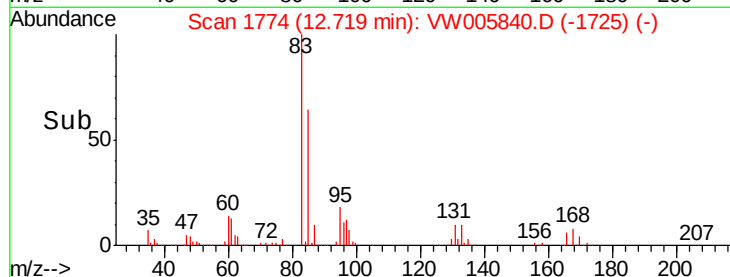
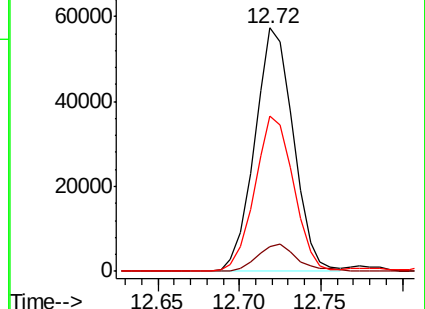
85 64.2 31.8 95.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 91.285 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005840.D

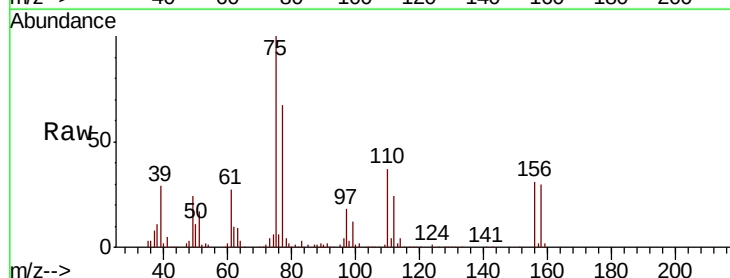
Acq: 04 Oct 2018 06:12

Tgt Ion: 75 Resp: 131033

Ion Ratio Lower Upper

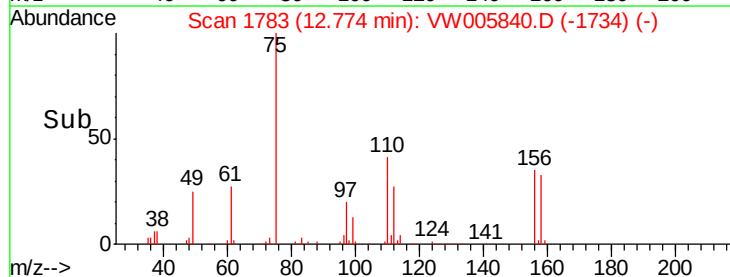
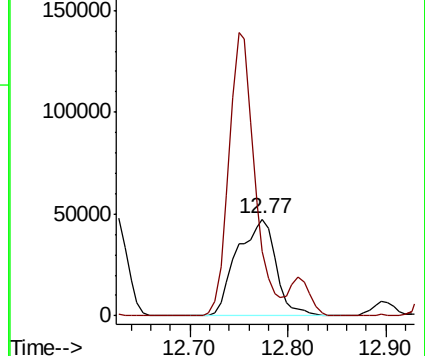
75 100

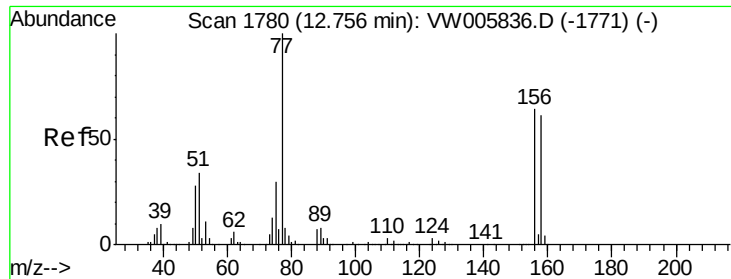
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.074 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVW100418

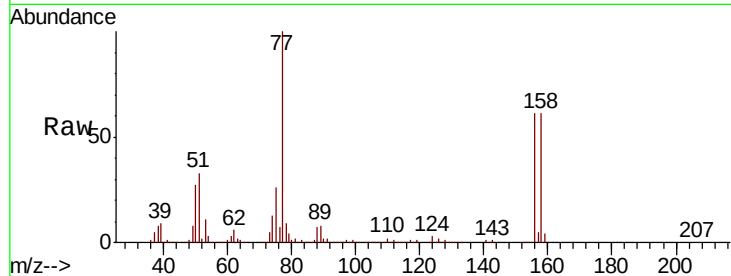
Tot Ion:156 Resp: 139721

Ion Ratio Lower Upper

156 100

77 182.3 91.0 273.1

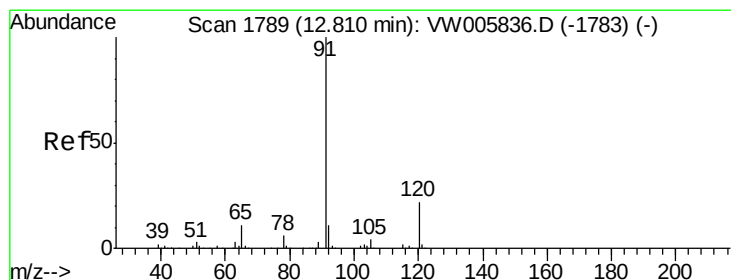
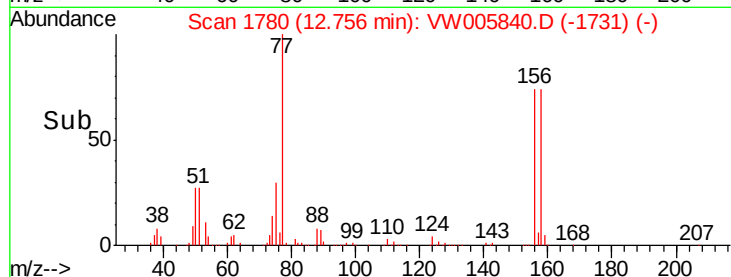
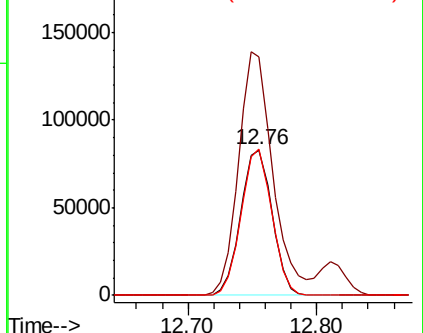
158 98.3 48.4 145.2



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: 54.654 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005840.D

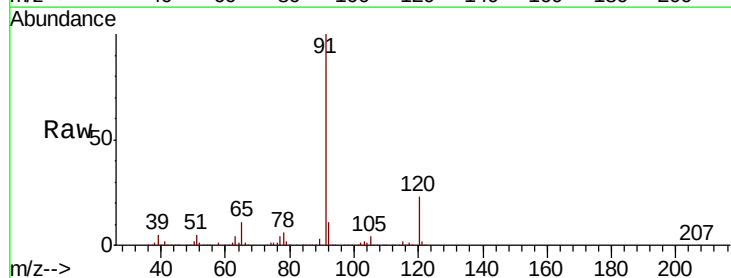
Acq: 04 Oct 2018 06:12

Tgt Ion: 91 Resp: 706453

Ion Ratio Lower Upper

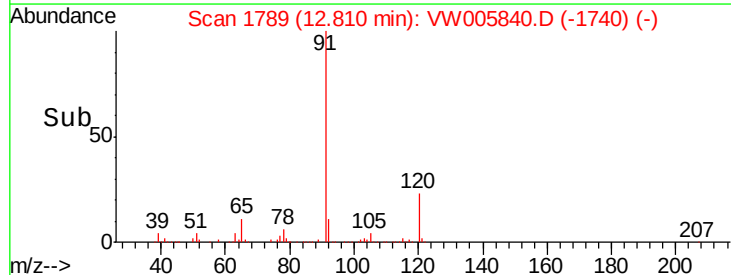
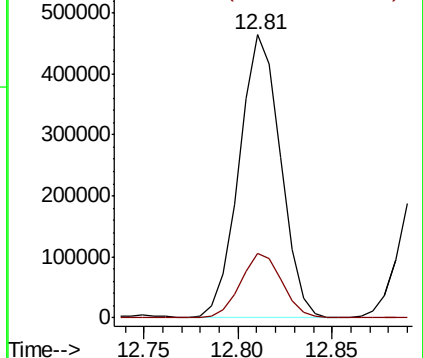
91 100

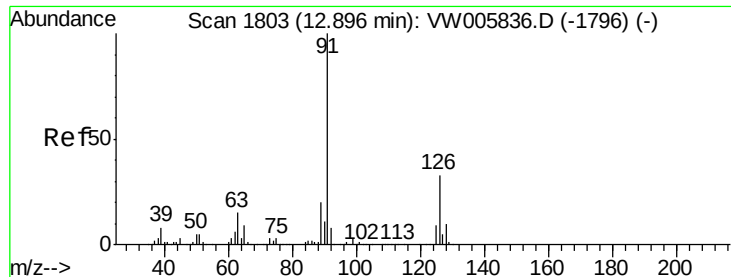
120 22.7 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.206 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

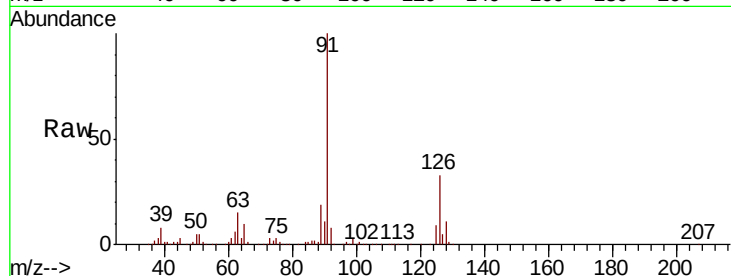
ICVWV100418

Tot Ion: 91 Resp: 417326

Ion Ratio Lower Upper

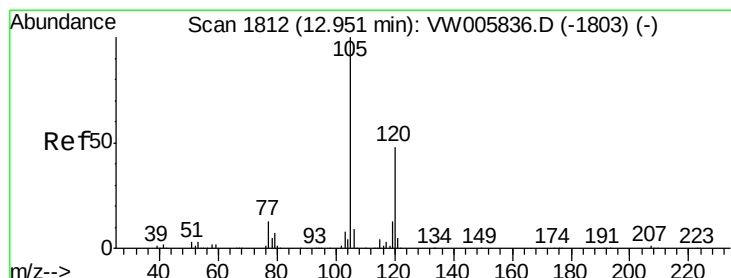
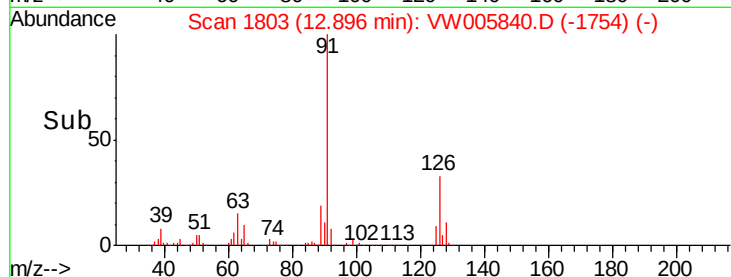
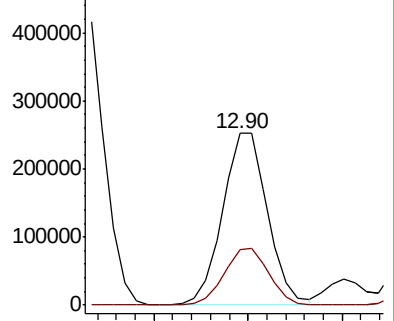
91 100

126 32.8 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.771 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005840.D

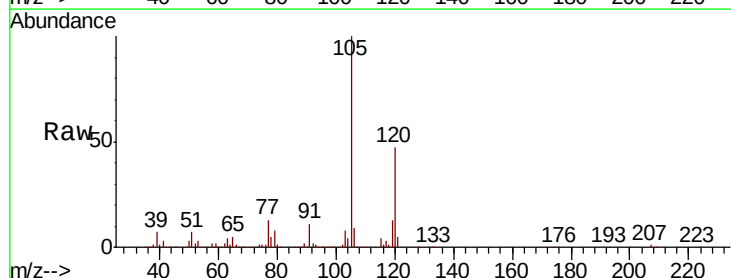
Acq: 04 Oct 2018 06:12

Tgt Ion:105 Resp: 516902

Ion Ratio Lower Upper

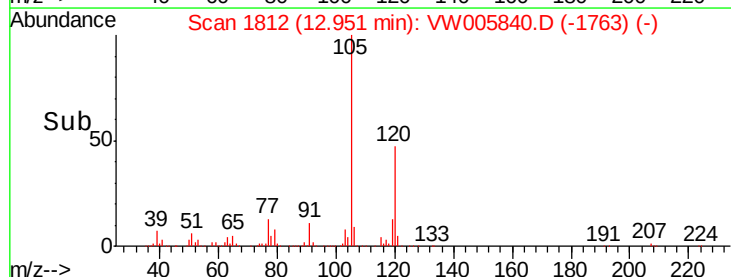
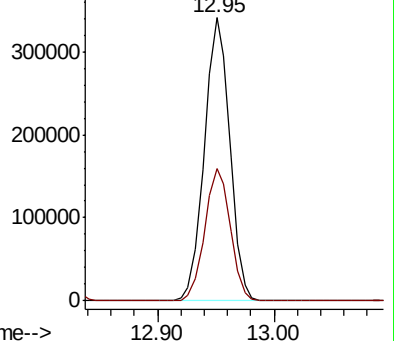
105 100

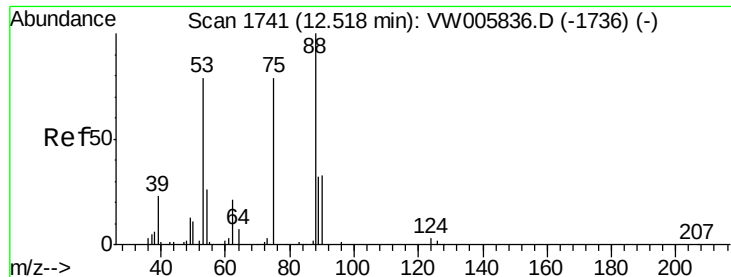
120 47.0 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

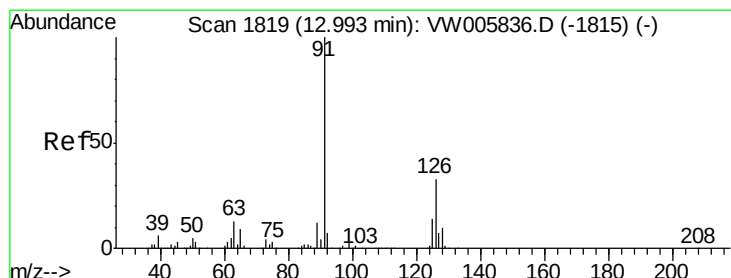
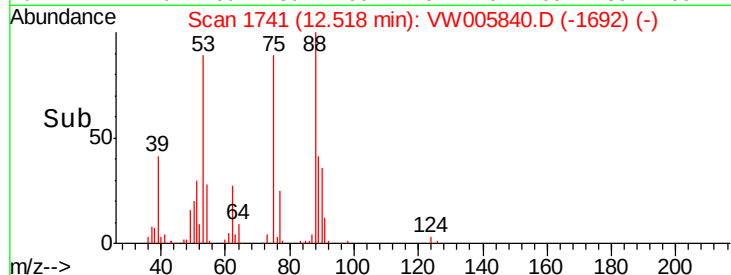
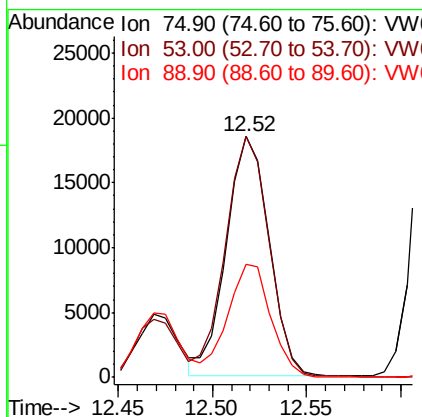
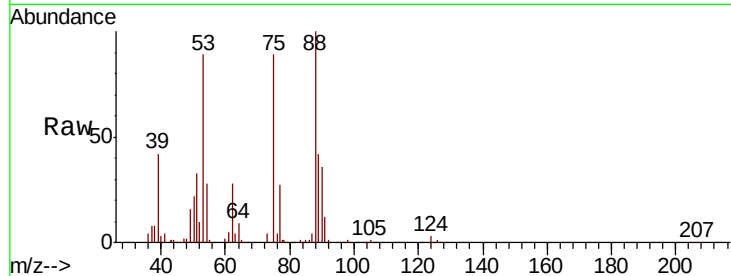




#81
trans-1,4-Dichloro-2-butene
Concen: 51.406 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

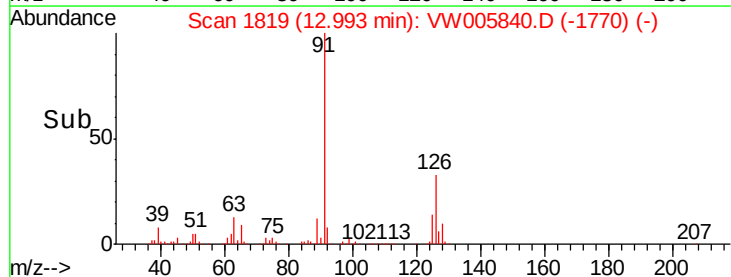
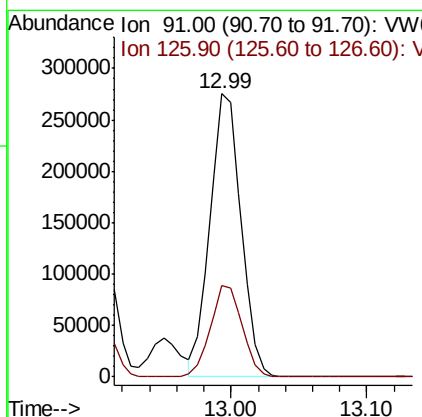
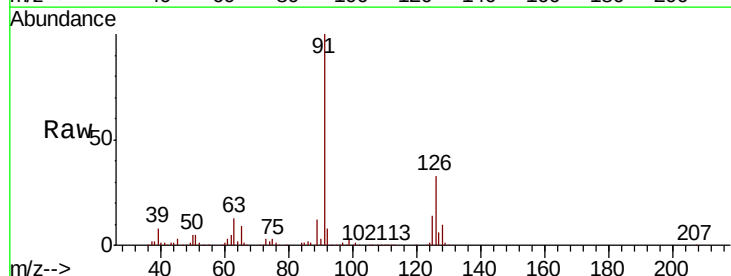
Instrument :
MSVOA_W
ClientSampleId :
ICVW100418

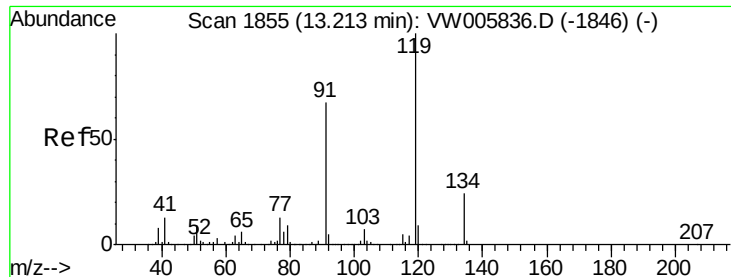
Tot Ion: 75 Resp: 29191
Ion Ratio Lower Upper
75 100
53 103.1 83.7 125.5
89 47.3 37.5 56.3



#82
4-Chlorotoluene
Concen: 53.547 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion: 91 Resp: 434547
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0

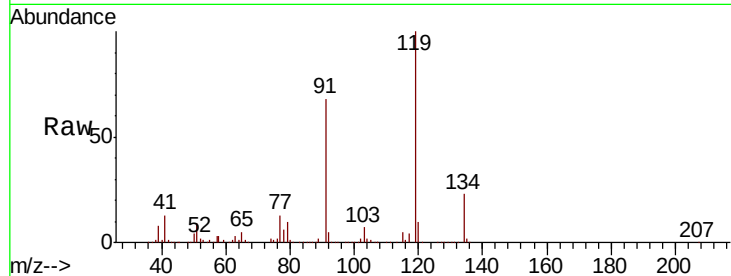




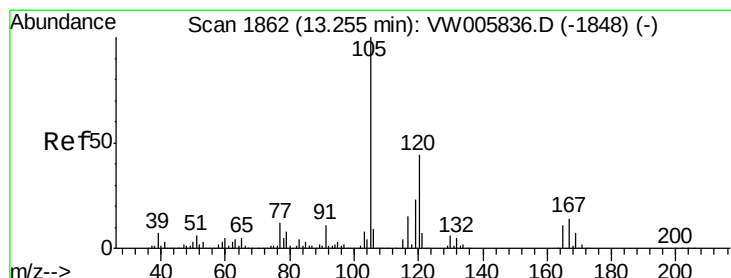
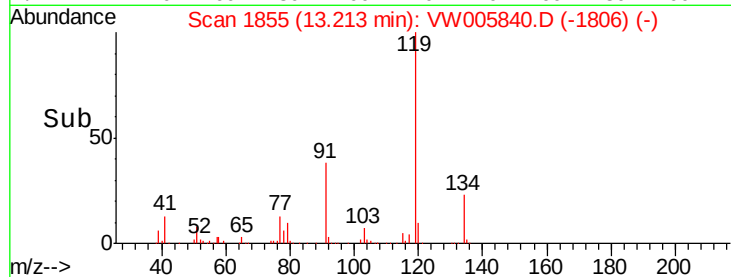
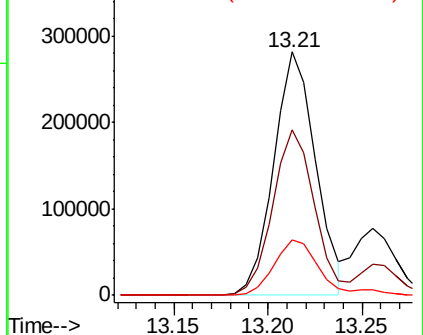
#83
 tert-Butylbenzene
 Concen: 55.110 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

Tot Ion:119 Resp: 433741
 Ion Ratio Lower Upper
 119 100
 91 68.5 33.4 100.2
 134 25.2 12.8 38.3

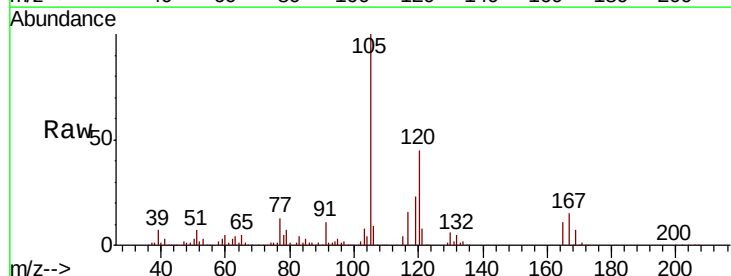


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

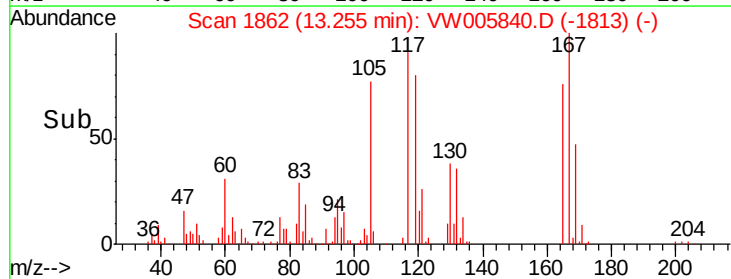
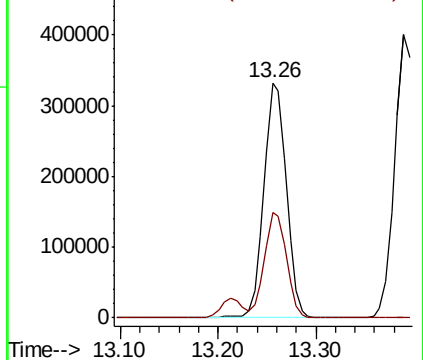


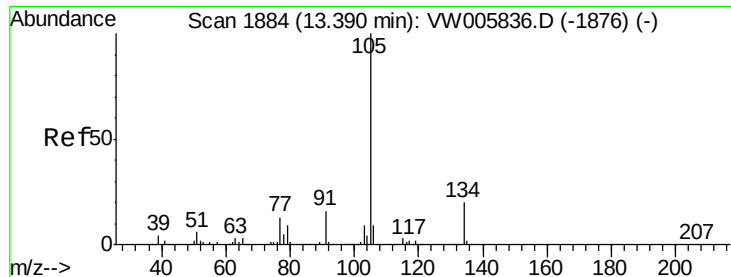
#84
 1,2,4-Trimethylbenzene
 Concen: 54.721 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion:105 Resp: 530256
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.9 65.7



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

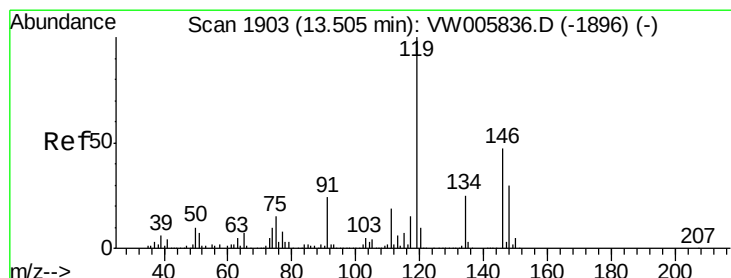
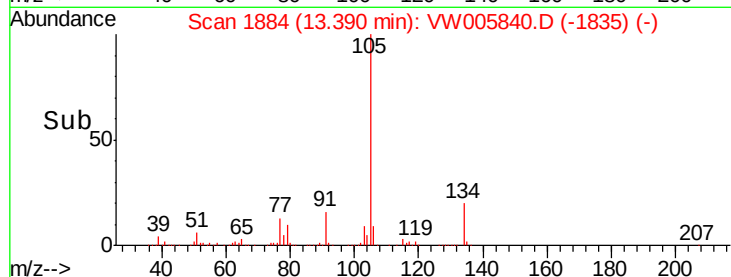
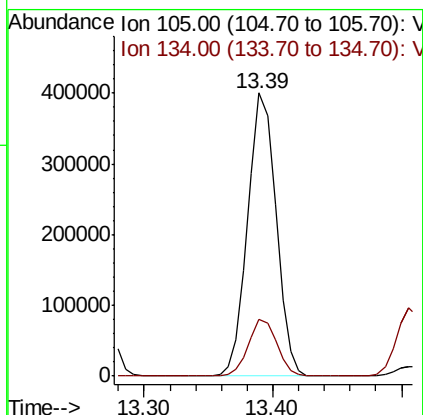
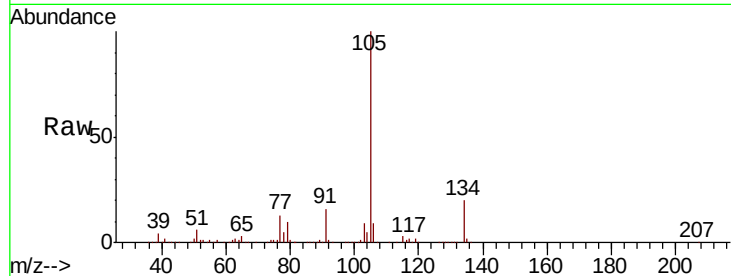




#85
 sec-Butylbenzene
 Concen: 53.646 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

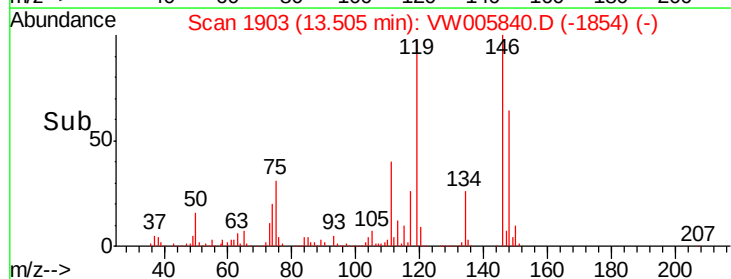
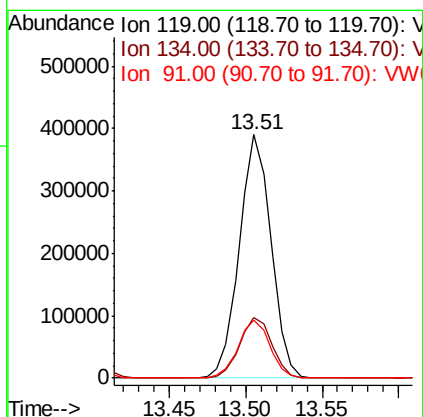
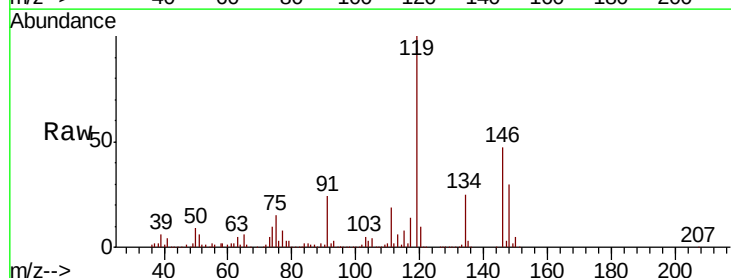
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

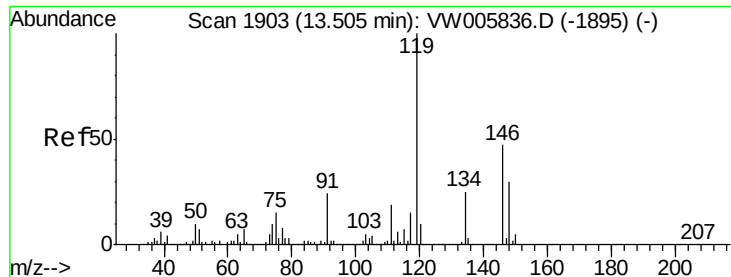
Tot Ion:105 Resp: 609482
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 55.036 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion:119 Resp: 561257
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.7 38.0
 91 24.0 11.9 35.9

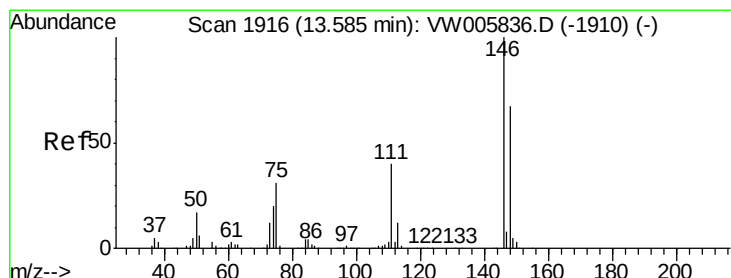
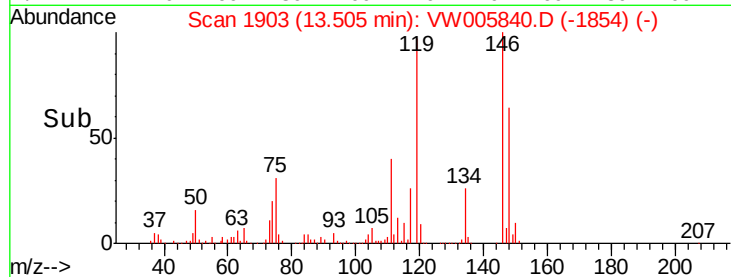
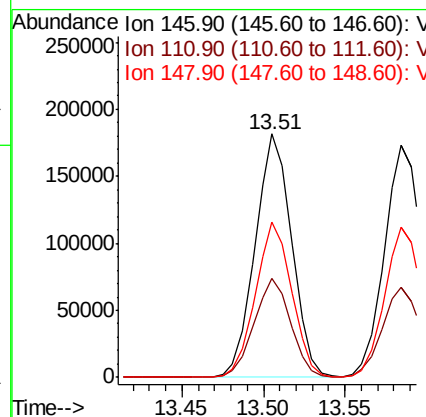
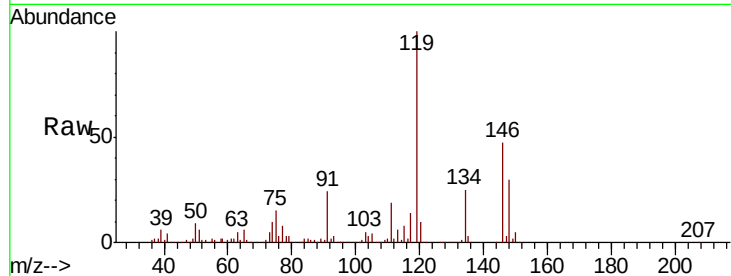




#87
 1,3-Dichlorobenzene
 Concen: 52.360 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

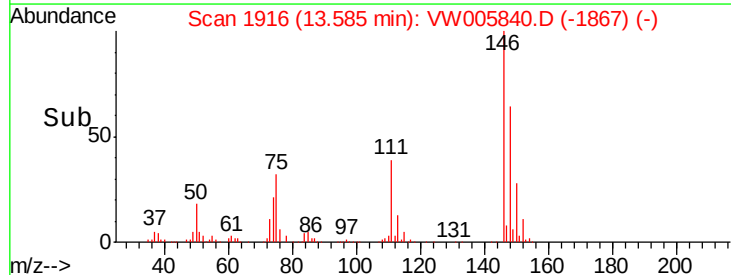
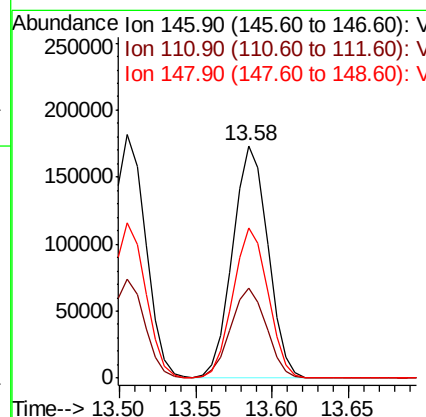
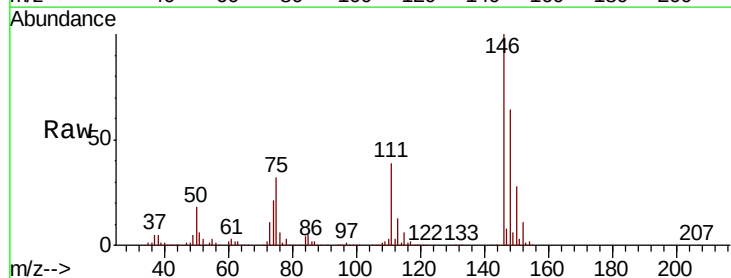
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

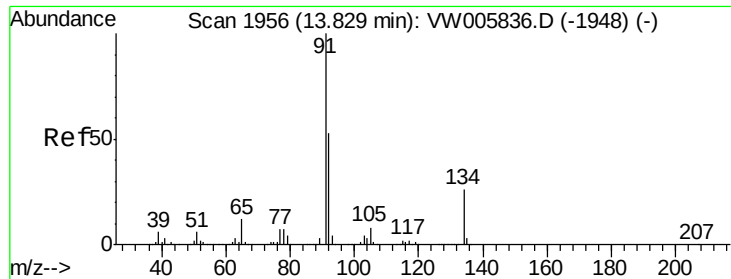
Tot Ion:146 Resp: 283416
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.9 59.7
 148 63.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 51.409 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion:146 Resp: 277635
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.7 59.1
 148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 54.116 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005840.D

Acq: 04 Oct 2018 06:12

Instrument :

MSVOA_W

ClientSampleId :

ICVW100418

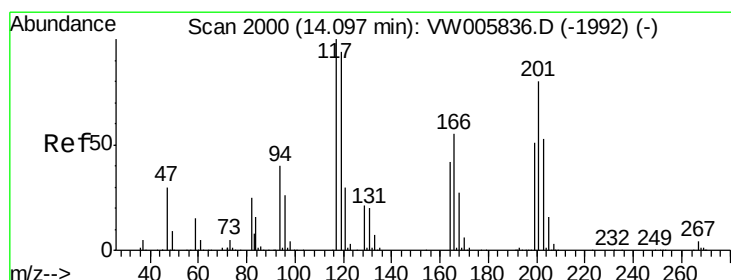
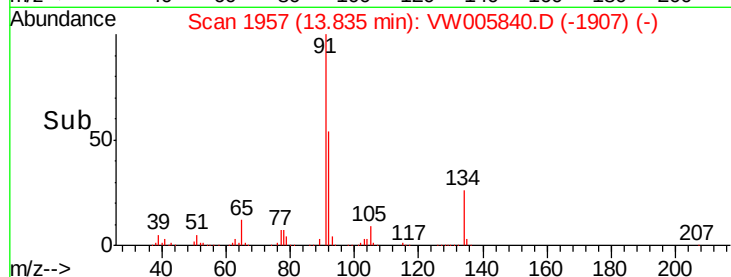
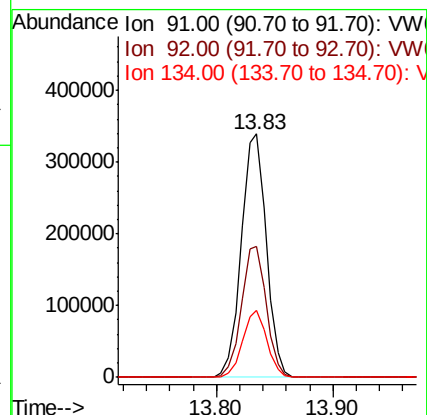
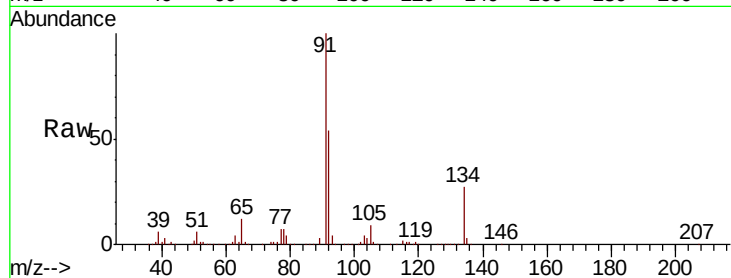
Tot Ion: 91 Resp: 508265

Ion Ratio Lower Upper

91 100

92 53.3 26.2 78.5

134 26.4 13.1 39.1



#90

Hexachloroethane

Concen: 52.023 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005840.D

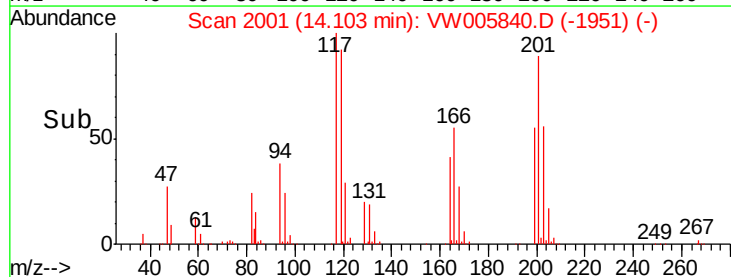
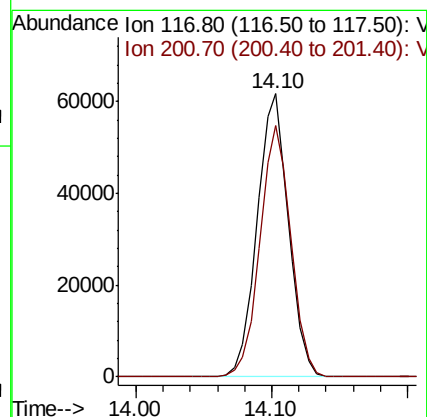
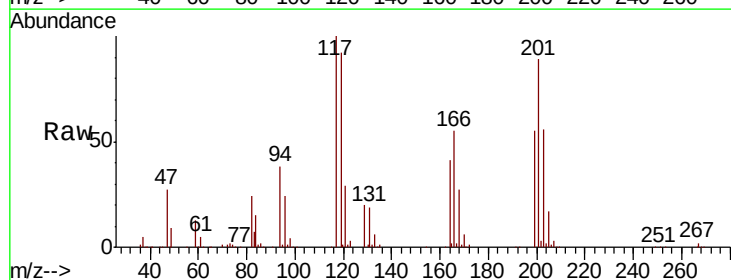
Acq: 04 Oct 2018 06:12

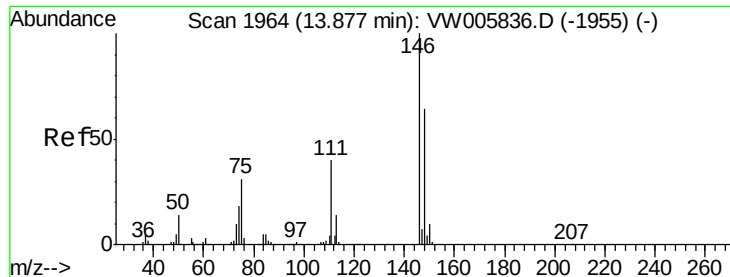
Tgt Ion: 117 Resp: 99751

Ion Ratio Lower Upper

117 100

201 87.6 43.7 131.1

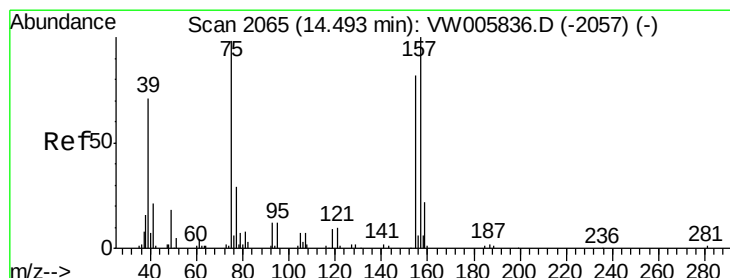
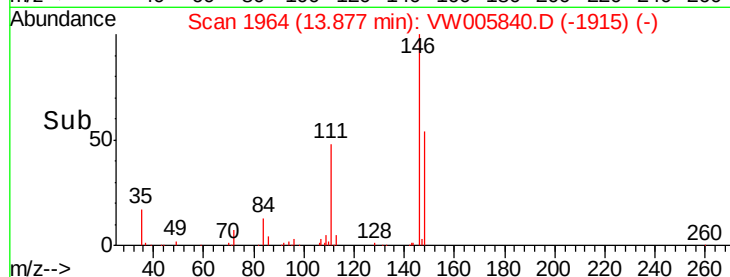
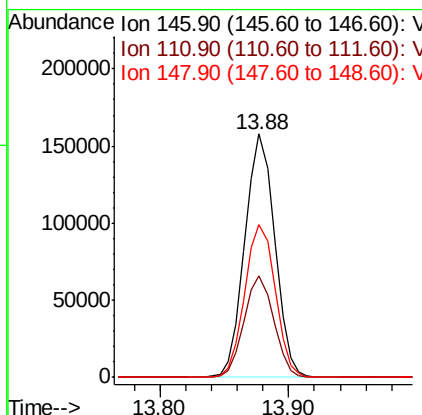
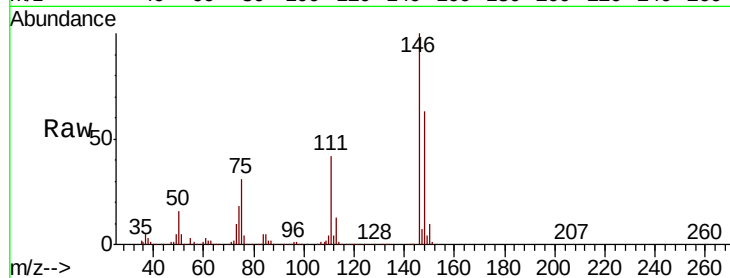




#91
 1,2-Dichlorobenzene
 Concen: 52.021 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

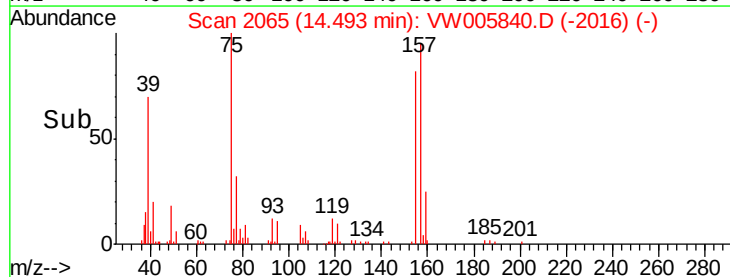
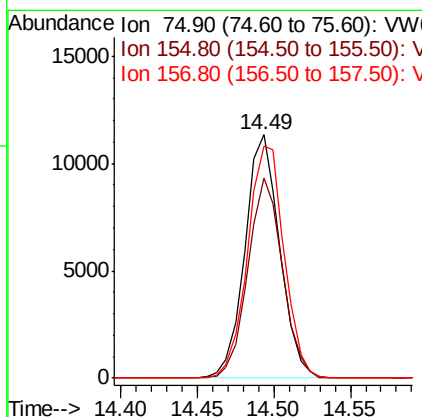
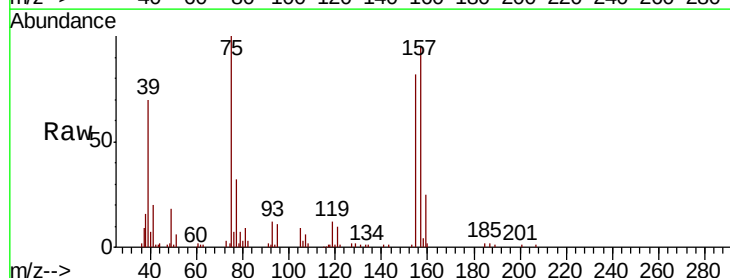
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

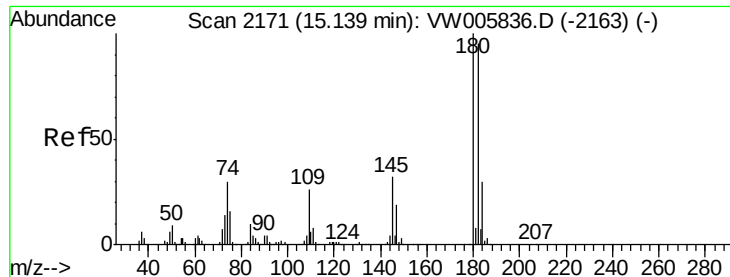
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.4	61.3
148	64.0	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.680 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.8	41.3	123.9
157	100.3	51.9	155.7

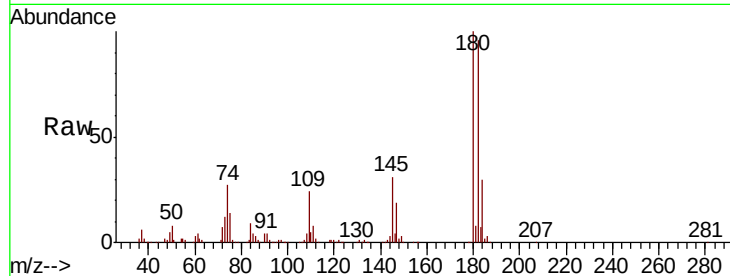




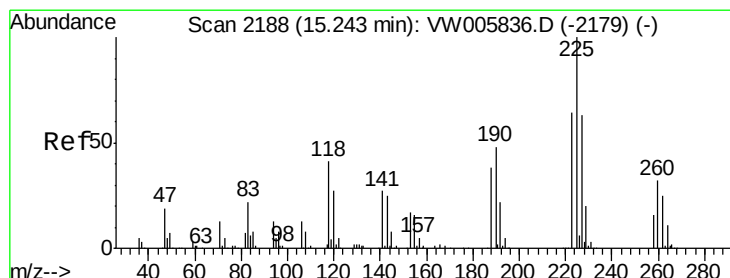
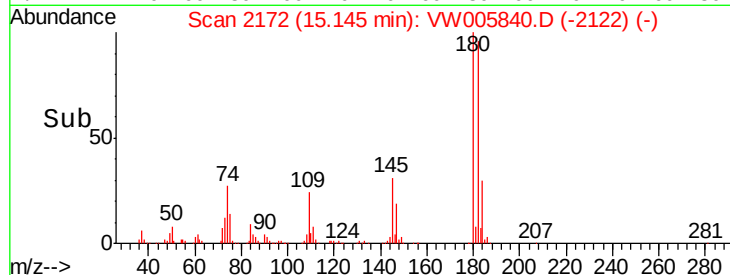
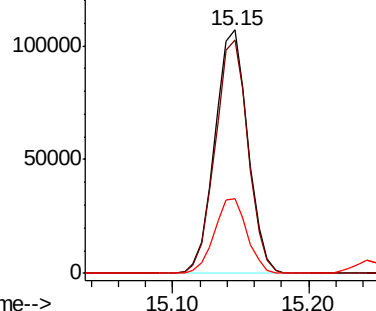
#93
 1,2,4-Trichlorobenzene
 Concen: 53.321 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100418

Tot Ion:180 Resp: 181345
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.6 142.8
 145 30.6 15.0 45.0

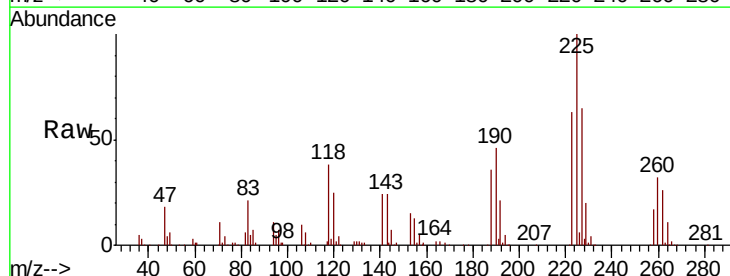


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

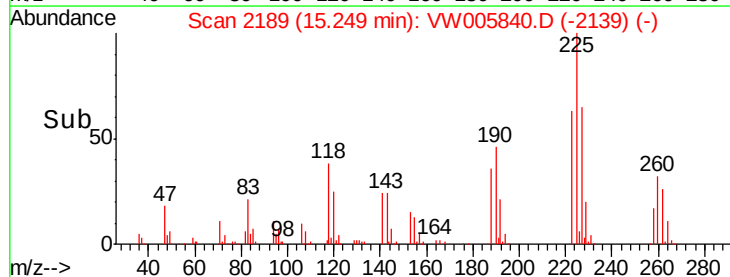
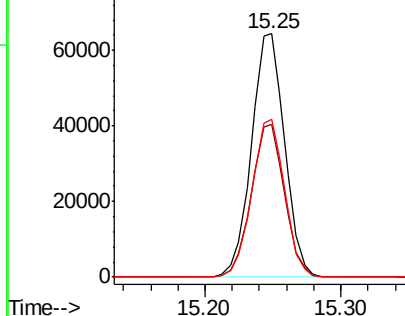


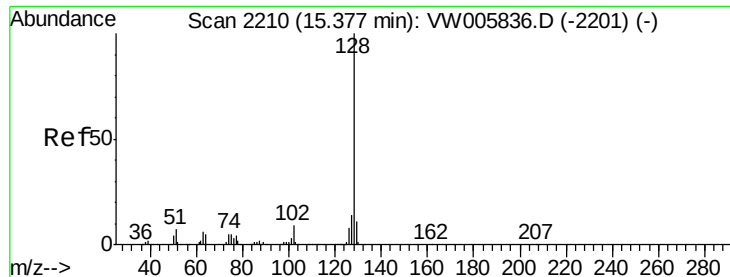
#94
 Hexachlorobutadiene
 Concen: 51.246 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW005840.D
 Acq: 04 Oct 2018 06:12

Tgt Ion:225 Resp: 110208
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.2 93.6
 227 63.8 31.7 95.1



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

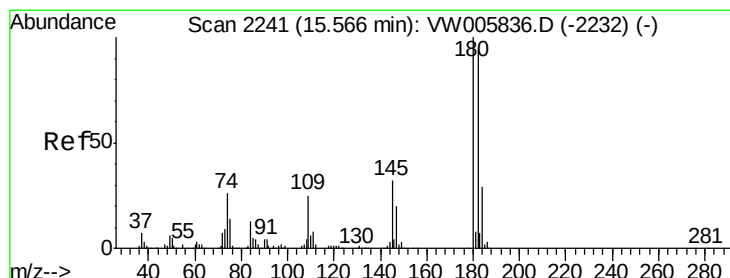
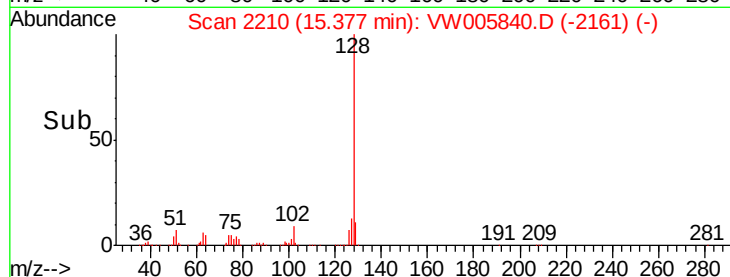
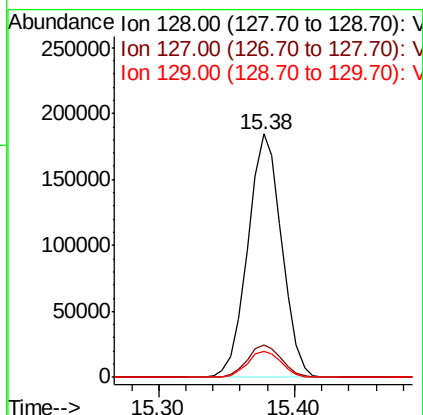
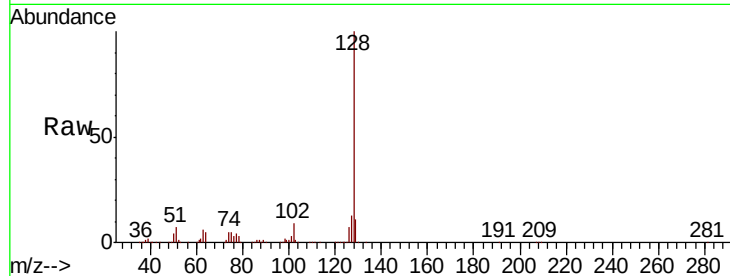




#95
Naphthalene
Concen: 49.861 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Instrument :
MSVOA_W
ClientSampleId :
ICVW100418

Tot Ion:128 Resp: 321734
Ion Ratio Lower Upper
128 100
127 13.6 10.9 16.3
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 52.594 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005840.D
Acq: 04 Oct 2018 06:12

Tgt Ion:180 Resp: 160814
Ion Ratio Lower Upper
180 100
182 95.0 47.3 142.0
145 32.2 16.1 48.2

