

Data File : VW005894.D
Acq On : 08 Oct 2018 14:09
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

Quant Time: Oct 09 06:05:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	337382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	490936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	441710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245058	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	158808	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	7.88	113	159371	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
50) Toluene-d8	10.32	98	625219	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.62	95	235606	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	91333	55.242	ug/l	99
3) Chloromethane	2.21	50	97397	50.082	ug/l	100
4) Vinyl Chloride	2.37	62	165528	53.614	ug/l	99
5) Bromomethane	2.78	94	131928	54.143	ug/l	98
6) Chloroethane	2.93	64	109412	55.622	ug/l	99
7) Trichlorofluoromethane	3.26	101	134736	54.977	ug/l	98
8) Diethyl Ether	3.67	74	73466	48.708	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	157114	50.800	ug/l	99
10) Methyl Iodide	4.26	142	259498	51.304	ug/l	99
11) Tert butyl alcohol	5.23	59	51668	215.252	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	151752	51.095	ug/l	99
13) Acrolein	3.89	56	43226	202.081	ug/l	98
14) Allyl chloride	4.66	41	249546	49.271	ug/l	100
15) Acrylonitrile	5.37	53	152776	232.748	ug/l	99
16) Acetone	4.14	43	163060	249.251	ug/l	98
17) Carbon Disulfide	4.37	76	469070	52.240	ug/l	100
18) Methyl Acetate	4.67	43	79804	48.340	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	223084	48.280	ug/l	100
20) Methylene Chloride	4.91	84	151669	46.274	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	166355	51.391	ug/l	97
22) Diisopropyl ether	6.31	45	465352	49.150	ug/l	98
23) Vinyl Acetate	6.26	43	1396295	239.606	ug/l	100
24) 1,1-Dichloroethane	6.21	63	291272	50.271	ug/l	99
25) 2-Butanone	7.18	43	215325	231.411	ug/l	100
26) 2,2-Dichloropropane	7.17	77	203889	50.001	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	186299	50.890	ug/l	99
28) Bromochloromethane	7.51	49	97232	45.463	ug/l	100
29) Tetrahydrofuran	7.54	42	132661	225.536	ug/l	99
30) Chloroform	7.68	83	301722	50.698	ug/l	99
31) Cyclohexane	7.95	56	277026	48.314	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	270473	51.032	ug/l	99
36) 1,1-Dichloropropene	8.08	75	245328	52.152	ug/l	100
37) Ethyl Acetate	7.26	43	91680	46.022	ug/l	99
38) Carbon Tetrachloride	8.07	117	264045	52.244	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	326760	52.664	ug/l	99
40) Benzene	8.32	78	664666	51.625	ug/l	100
41) Methacrylonitrile	7.48	41	57334	45.971	ug/l	96
42) 1,2-Dichloroethane	8.40	62	192821	49.572	ug/l	100
43) Isopropyl Acetate	8.43	43	200270	48.127	ug/l	99
44) Trichloroethene	9.09	130	197463	52.860	ug/l	97
45) 1,2-Dichloropropane	9.37	63	163138	50.621	ug/l	99
46) Dibromomethane	9.46	93	89059	50.280	ug/l	99
47) Bromodichloromethane	9.65	83	223697	50.188	ug/l	99
48) Methyl methacrylate	9.44	41	95734	48.294	ug/l	99
49) 1,4-Dioxane	9.48	88	27256	1013.065	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	487181	240.420	ug/l	100
52) Toluene	10.39	92	436750	51.636	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	237600	51.010	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	266005	50.803	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	120462	49.102	ug/l	98
56) Ethyl methacrylate	10.65	69	162142	49.036	ug/l	99
57) 1,3-Dichloropropane	10.93	76	207206	50.205	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	299984	222.966	ug/l	100
59) 2-Hexanone	10.97	43	350169	241.006	ug/l	100
60) Dibromochloromethane	11.13	129	158099	49.939	ug/l	99
61) 1,2-Dibromoethane	11.24	107	122550	49.990	ug/l	100
64) Tetrachloroethene	10.87	164	171253	52.048	ug/l	99
65) Chlorobenzene	11.66	112	492835	52.088	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	182168	52.528	ug/l	99
67) Ethyl Benzene	11.73	91	876240	52.432	ug/l	99
68) m/p-Xylenes	11.84	106	687610	105.285	ug/l	100
69) o-Xylene	12.17	106	326897	52.283	ug/l	99
70) Styrene	12.18	104	542925	52.335	ug/l	100
71) Bromoform	12.35	173	104756	50.710	ug/l	99
73) Isopropylbenzene	12.47	105	925404	51.707	ug/l	100
74) N-amyl acetate	12.27	43	205827	48.425	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	142065	48.430	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	198479	90.669	ug/l #	100
77) Bromobenzene	12.75	156	218239	51.470	ug/l	99
78) n-propylbenzene	12.81	91	1090355	51.791	ug/l	100
79) 2-Chlorotoluene	12.90	91	610704	51.387	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	783538	51.857	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	50239	48.450	ug/l	100
82) 4-Chlorotoluene	12.99	91	647153	51.756	ug/l	100
83) tert-Butylbenzene	13.21	119	702638	52.284	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	793887	52.088	ug/l	100
85) sec-Butylbenzene	13.39	105	990837	52.526	ug/l	100
86) p-Isopropyltoluene	13.51	119	894272	52.716	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	442081	52.480	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	434242	51.876	ug/l	100
89) n-Butylbenzene	13.83	91	846914	52.963	ug/l	99
90) Hexachloroethane	14.10	117	166444	52.168	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	385982	51.610	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26590	48.640	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	299143	51.586	ug/l	99
94) Hexachlorobutadiene	15.24	225	193068	53.340	ug/l	100
95) Naphthalene	15.38	128	507581	50.781	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	259214	51.624	ug/l	99

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

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Instrument :
MSVOA_W
ClientSampleId :
ICVW100818

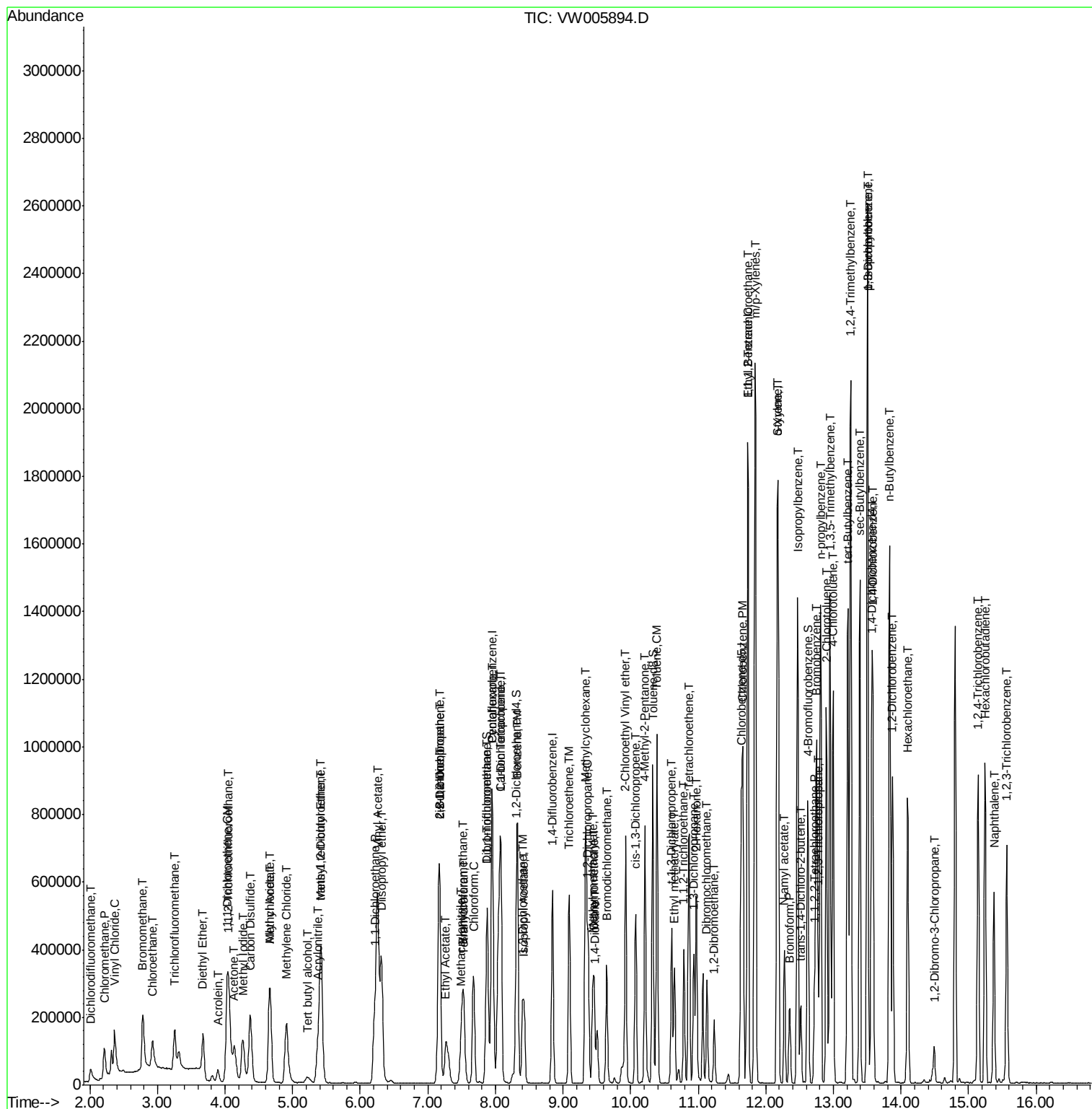
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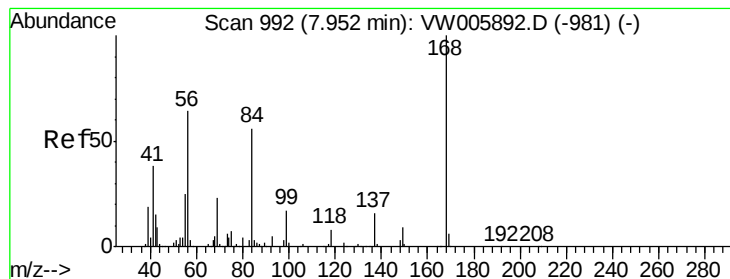
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_W\METHOD\82W100818S.M

Quant Title : SW846 8260

QLast Update : Tue Oct 09 02:14:04 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

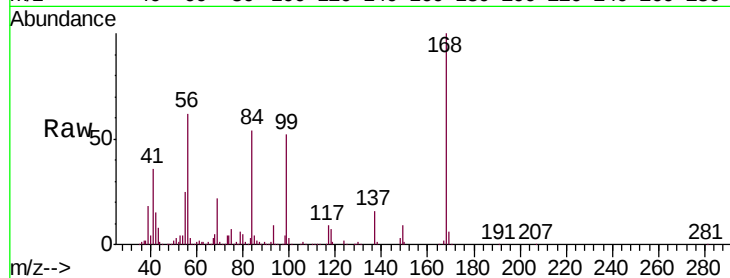
ICVW100818

Tgt Ion:168 Resp: 337382

Ion Ratio Lower Upper

168 100

99 51.5 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

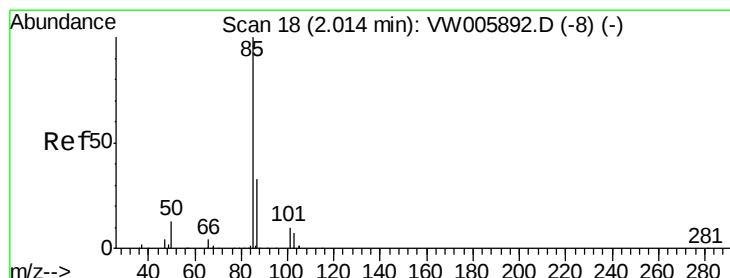
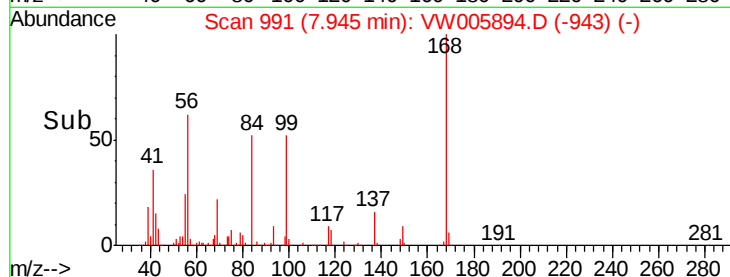
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 55.242 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005894.D

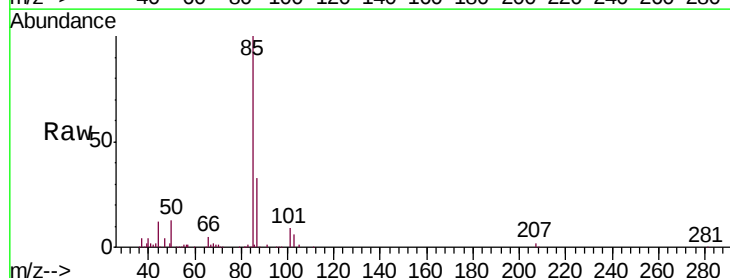
Acq: 08 Oct 2018 14:09

Tgt Ion: 85 Resp: 91333

Ion Ratio Lower Upper

85 100

87 32.7 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

15000

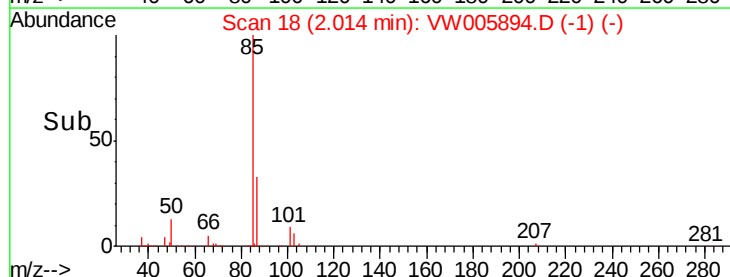
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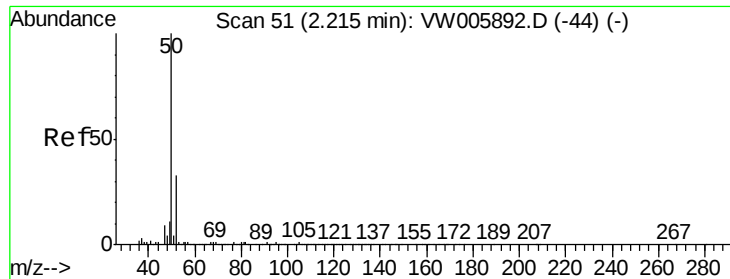
5000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 50.082 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

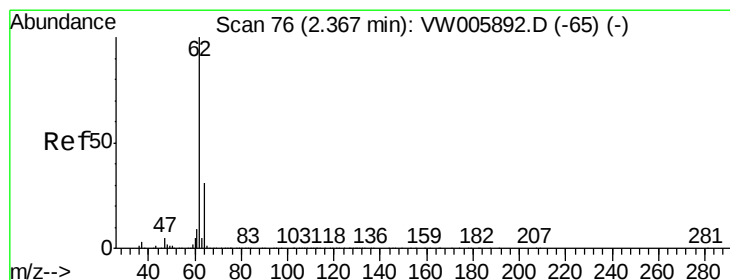
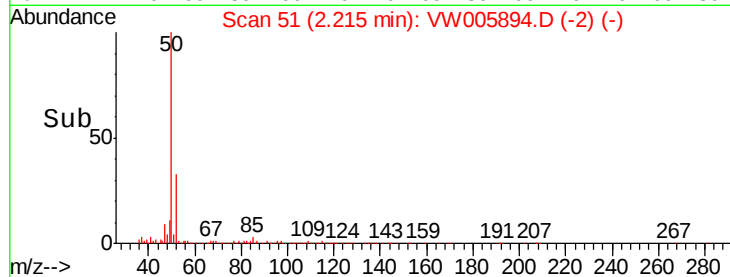
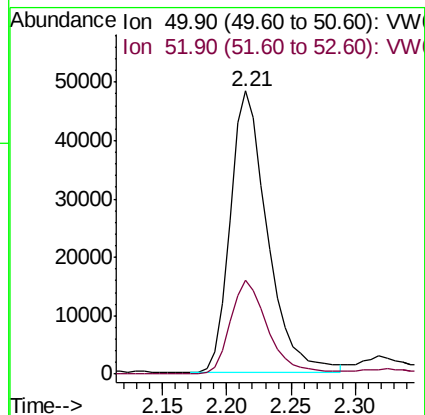
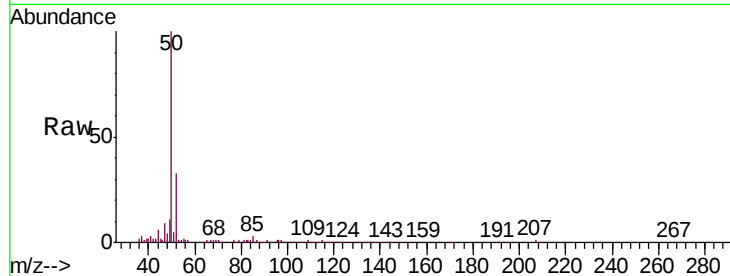
ICVWV100818

Tgt Ion: 50 Resp: 97397

Ion Ratio Lower Upper

50 100

52 33.2 26.7 40.1



#4

Vinyl Chloride

Concen: 53.614 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005894.D

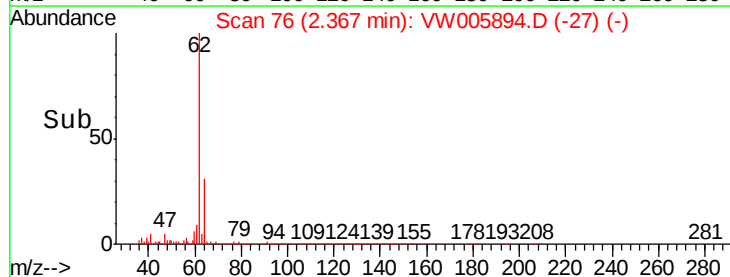
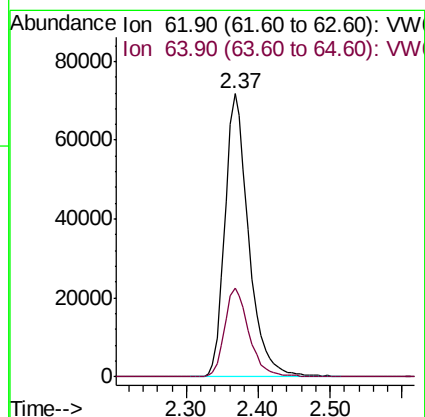
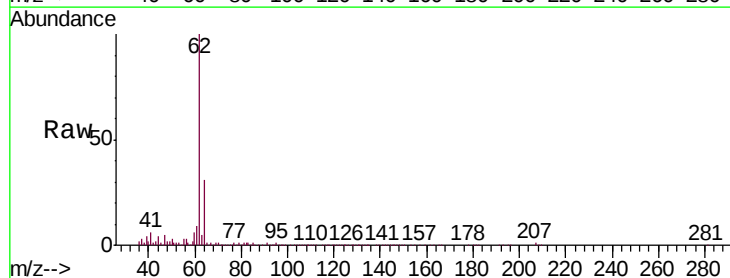
Acq: 08 Oct 2018 14:09

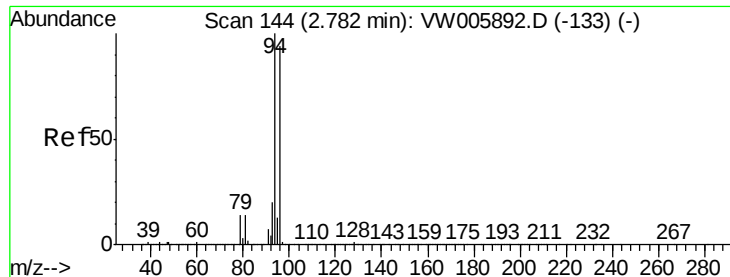
Tgt Ion: 62 Resp: 165528

Ion Ratio Lower Upper

62 100

64 31.3 24.6 36.8





#5

Bromomethane

Concen: 54.143 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

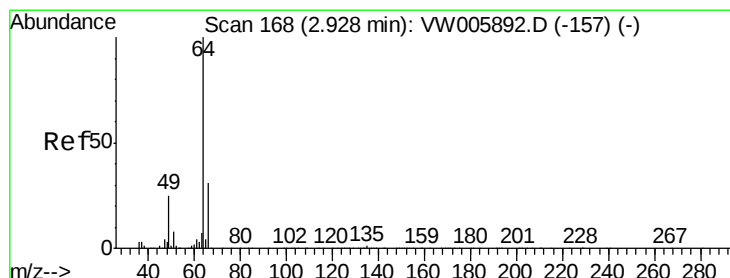
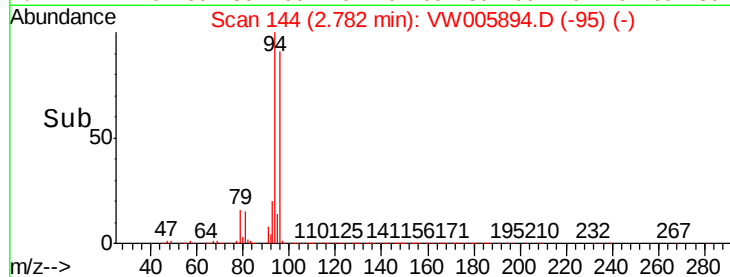
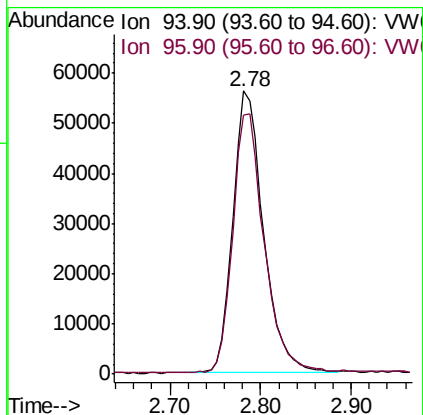
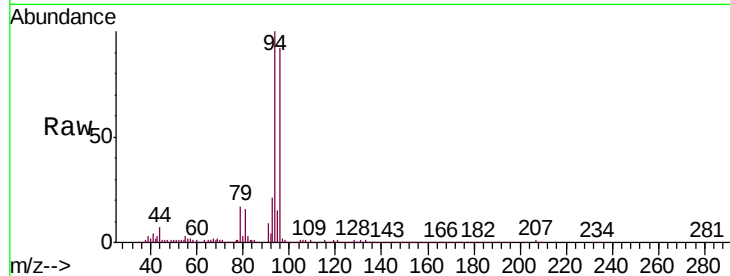
ICVWV100818

Tgt Ion: 94 Resp: 131928

Ion Ratio Lower Upper

94 100

96 91.3 75.0 112.4



#6

Chloroethane

Concen: 55.622 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW005894.D

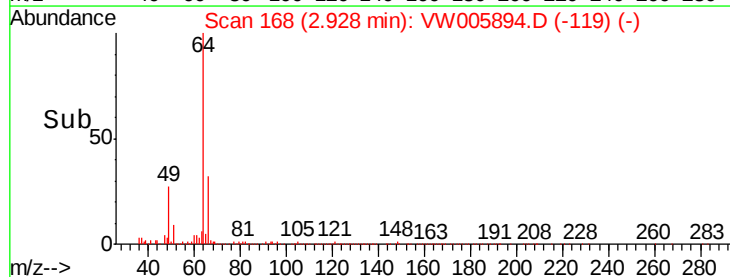
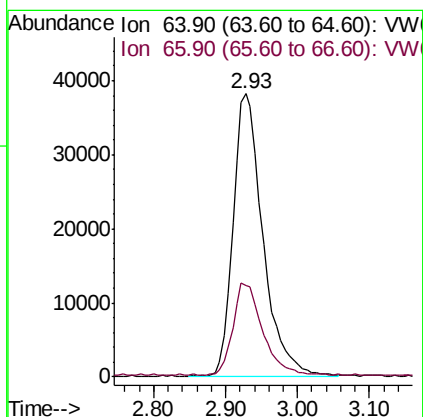
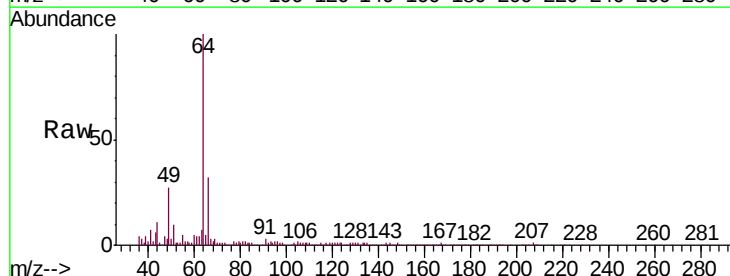
Acq: 08 Oct 2018 14:09

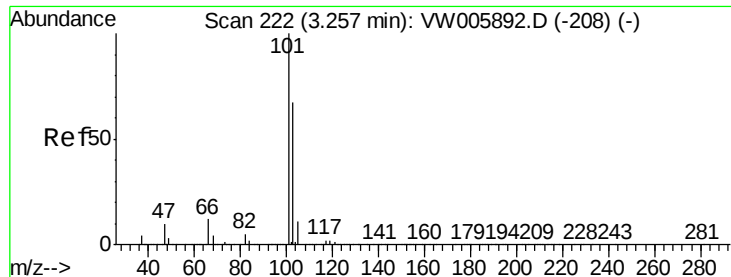
Tgt Ion: 64 Resp: 109412

Ion Ratio Lower Upper

64 100

66 31.5 25.0 37.4



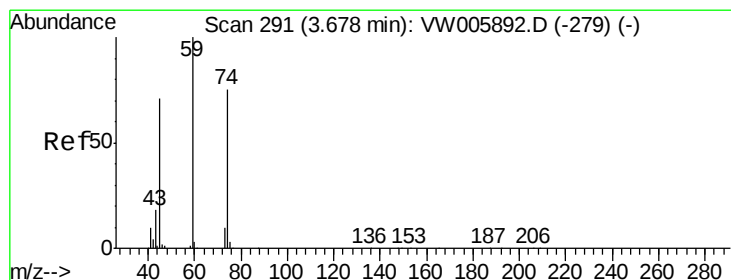
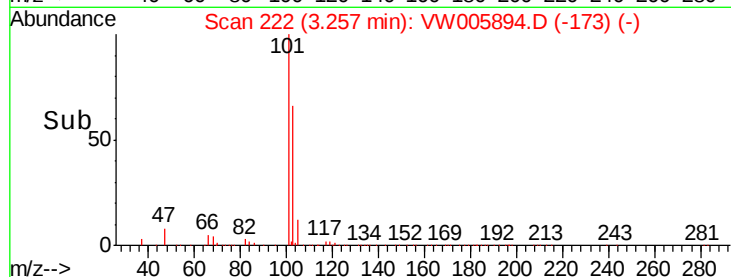
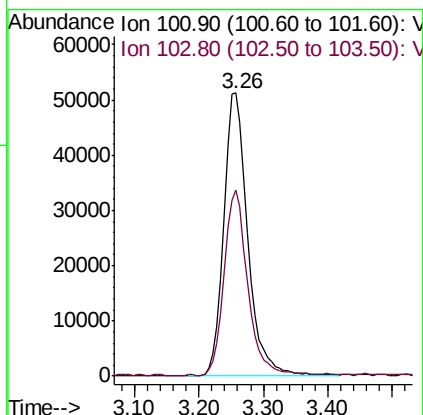
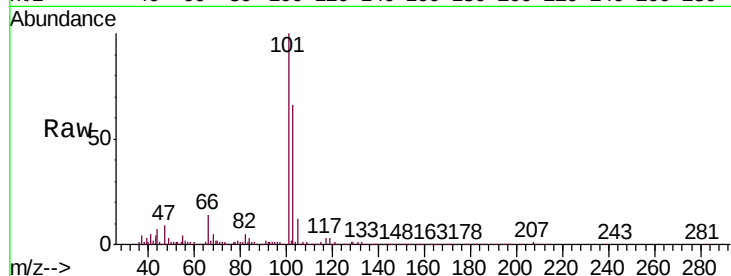


#7

Trichlorofluoromethane
 Concen: 54.977 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
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 ICVVW100818

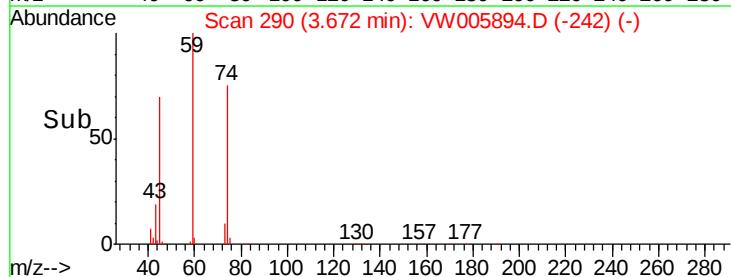
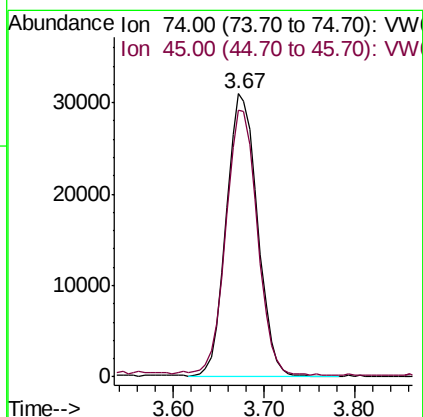
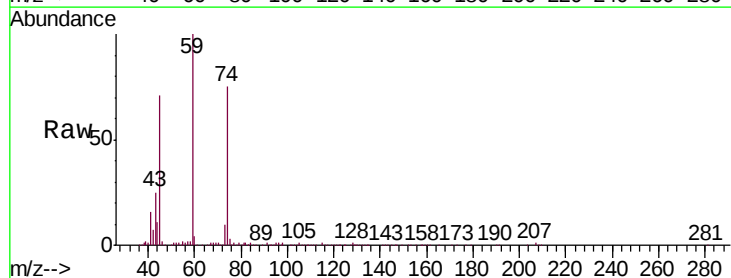
Tgt Ion: 101 Resp: 134736
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.5 80.3

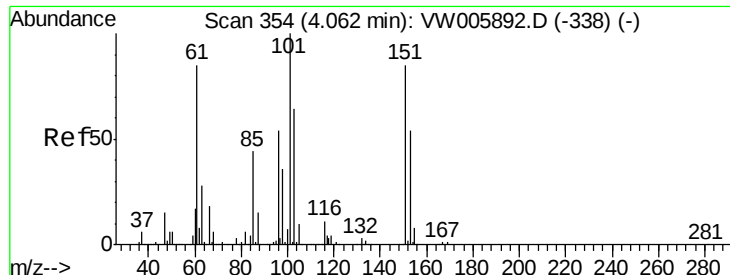


#8

Diethyl Ether
 Concen: 48.708 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion: 74 Resp: 73466
 Ion Ratio Lower Upper
 74 100
 45 95.4 46.8 140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.800 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005894.D

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Instrument :

MSVOA_W

ClientSampleId :

ICVW100818

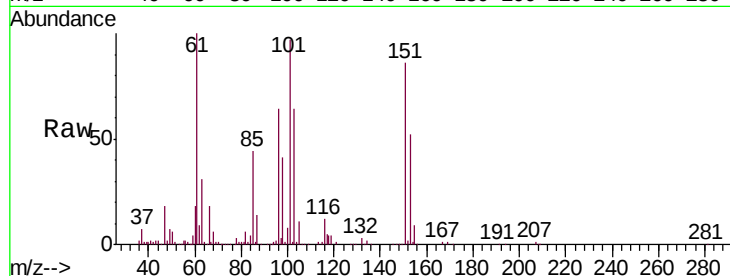
Tgt Ion:101 Resp: 157114

Ion Ratio Lower Upper

101 100

85 44.2 35.1 52.7

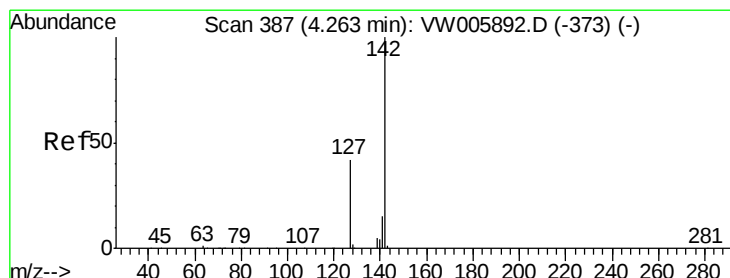
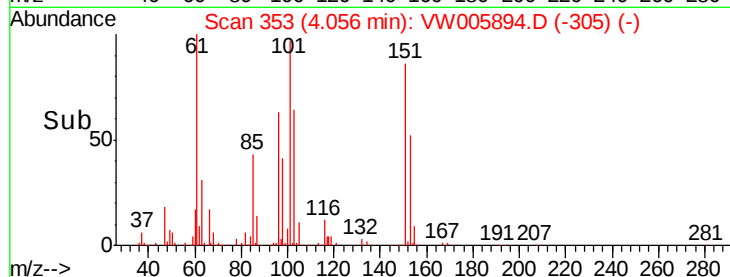
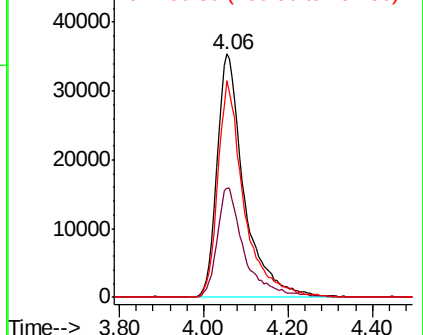
151 85.8 67.7 101.5



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: 51.304 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

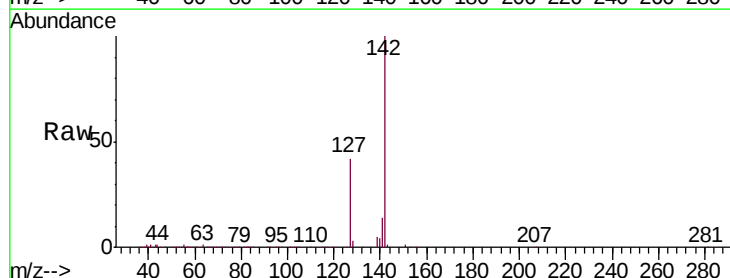
Tgt Ion:142 Resp: 259498

Ion Ratio Lower Upper

142 100

127 41.6 33.7 50.5

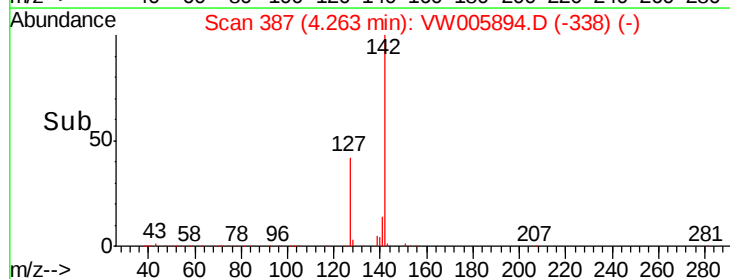
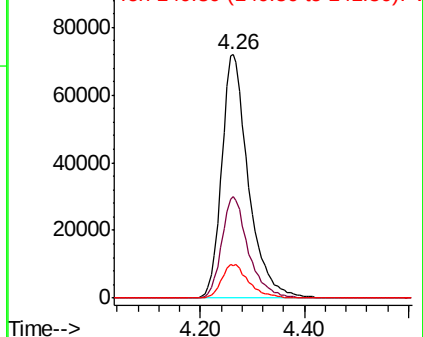
141 14.2 11.5 17.3

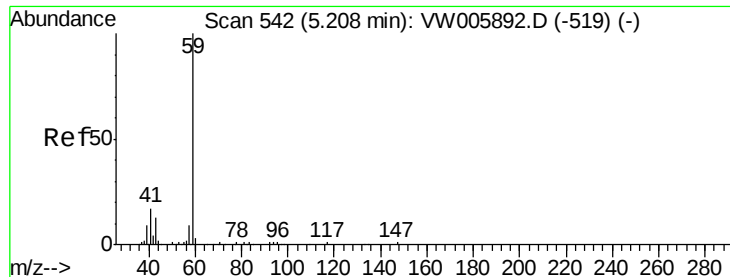


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 215.252 ug/l

RT: 5.23 min Scan# 545

Delta R.T. 0.02 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

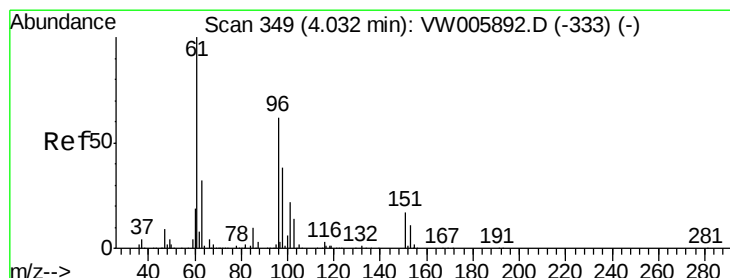
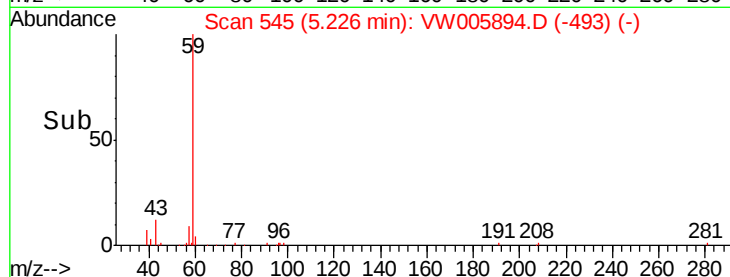
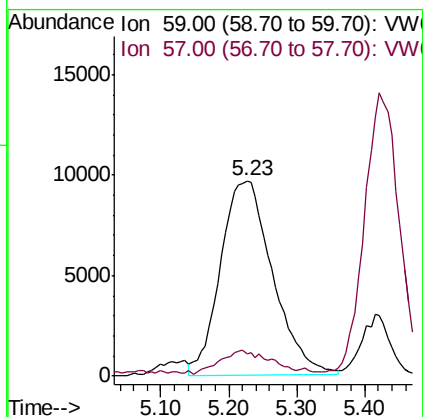
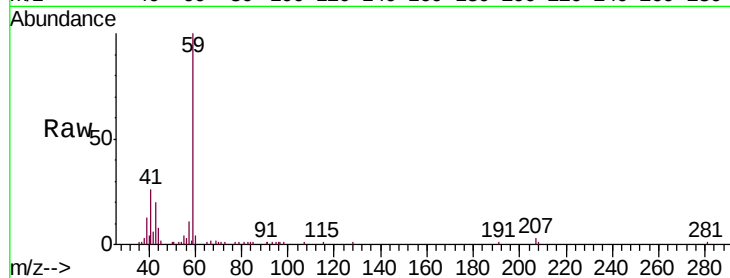
ICVWV100818

Tgt Ion: 59 Resp: 51668

Ion Ratio Lower Upper

59 100

57 11.8 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 51.095 ug/l

RT: 4.03 min Scan# 349

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

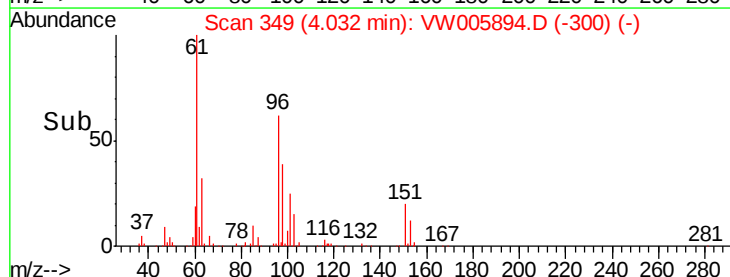
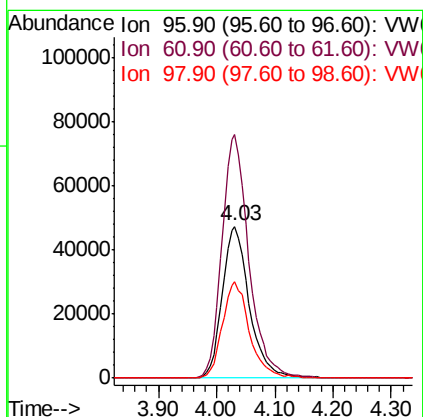
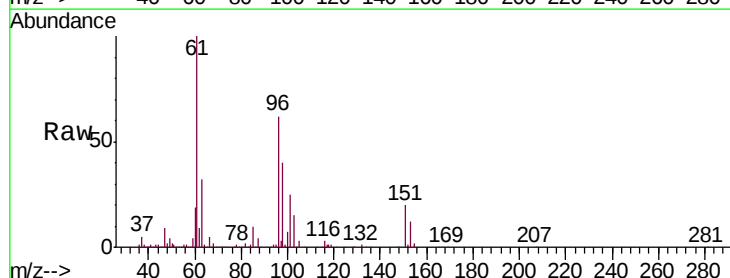
Tgt Ion: 96 Resp: 151752

Ion Ratio Lower Upper

96 100

61 161.1 128.6 193.0

98 63.7 49.4 74.0





#13

Acrolein

Concen: 202.081 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

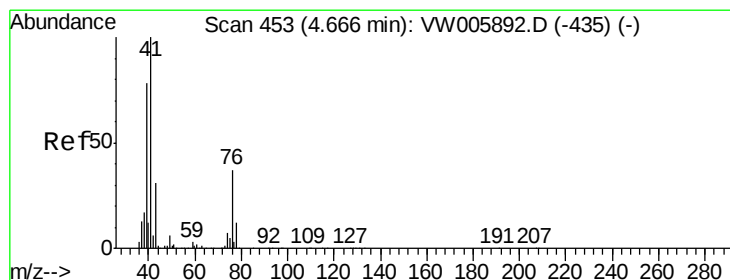
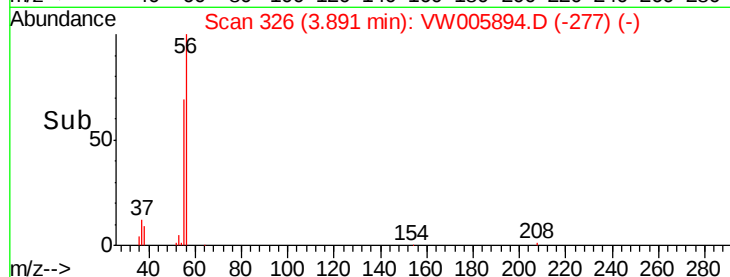
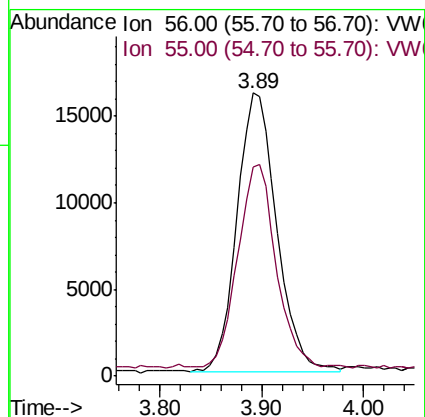
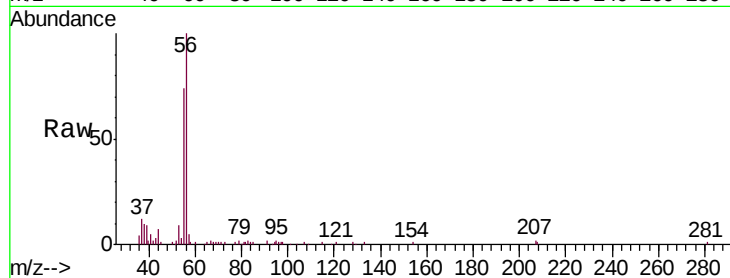
ICVWV100818

Tgt Ion: 56 Resp: 43226

Ion Ratio Lower Upper

56 100

55 69.9 54.6 82.0



#14

Allyl chloride

Concen: 49.271 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

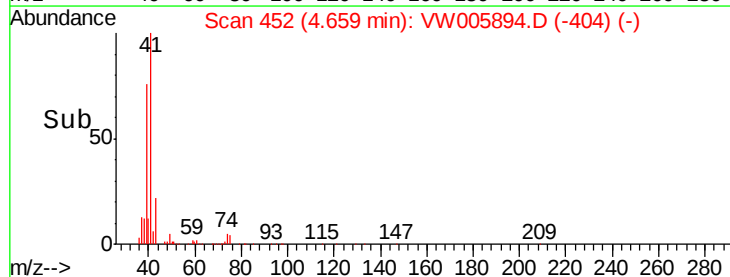
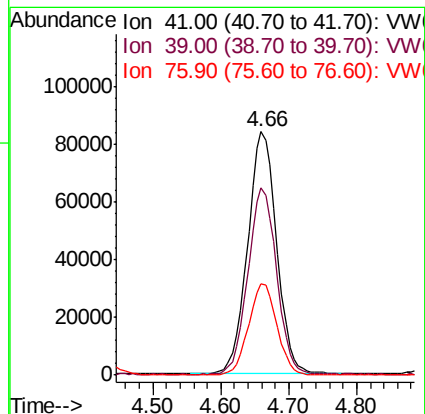
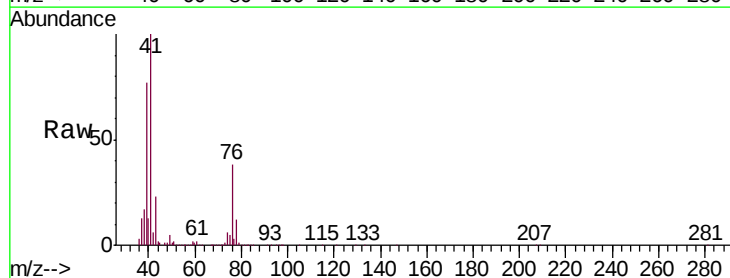
Tgt Ion: 41 Resp: 249546

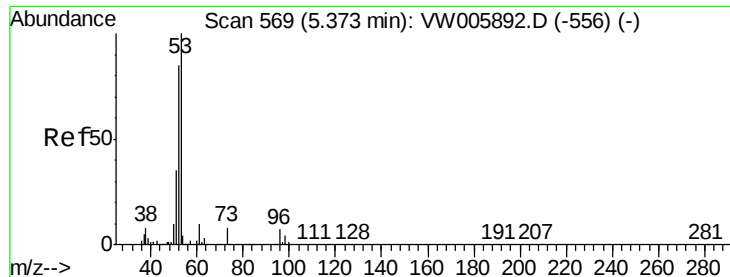
Ion Ratio Lower Upper

41 100

39 75.9 60.8 91.2

76 36.6 29.6 44.4





#15

Acrylonitrile

Concen: 232.748 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100818

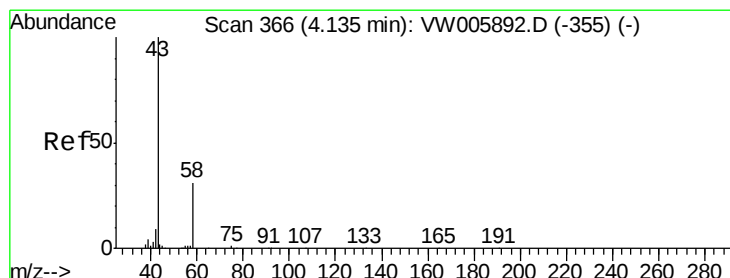
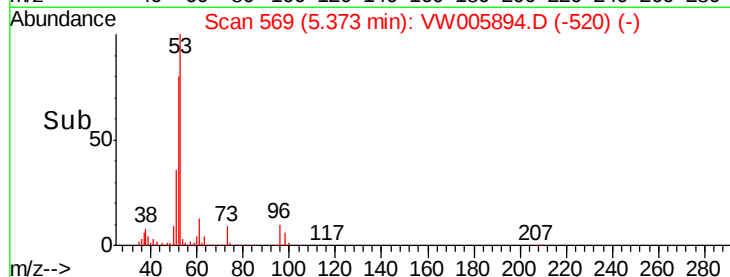
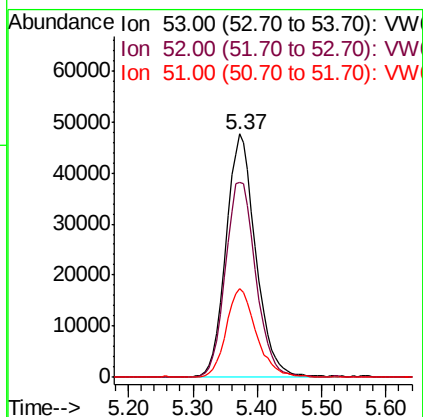
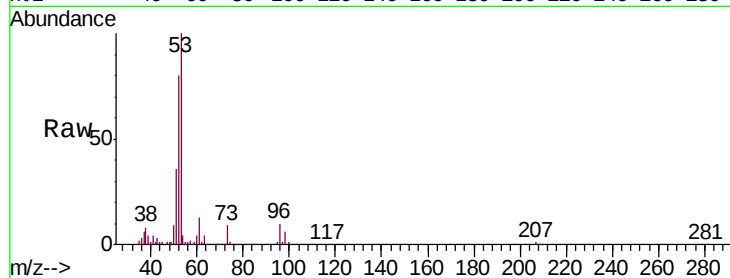
Tgt Ion: 53 Resp: 152776

Ion Ratio Lower Upper

53 100

52 83.1 66.8 100.2

51 36.7 29.8 44.6



#16

Acetone

Concen: 249.251 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005894.D

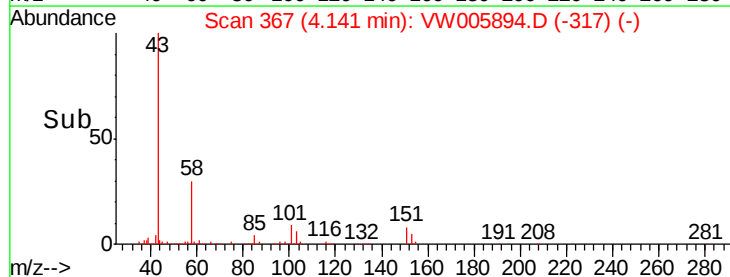
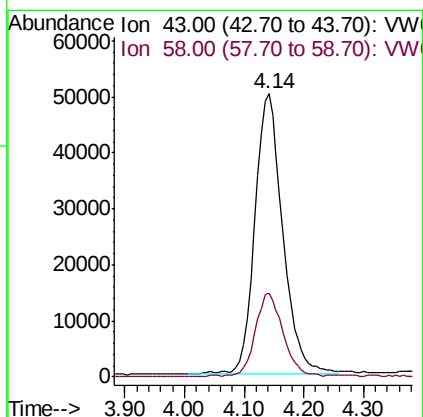
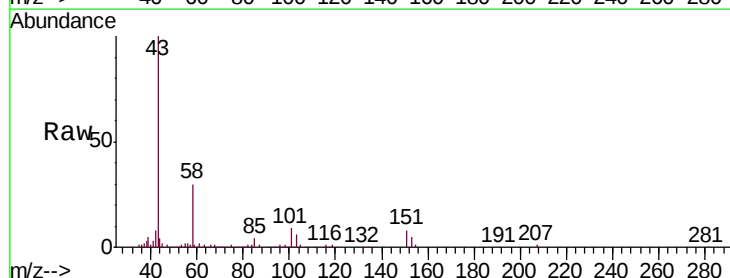
Acq: 08 Oct 2018 14:09

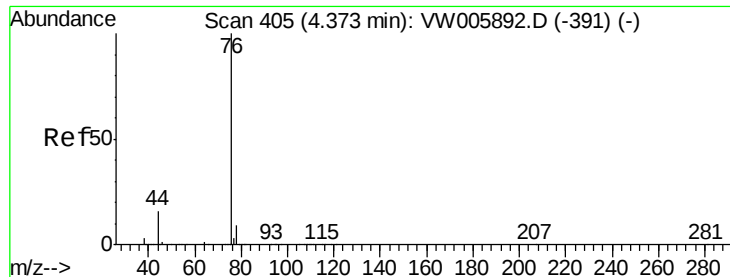
Tgt Ion: 43 Resp: 163060

Ion Ratio Lower Upper

43 100

58 29.7 24.7 37.1





#17

Carbon Disulfide

Concen: 52.240 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

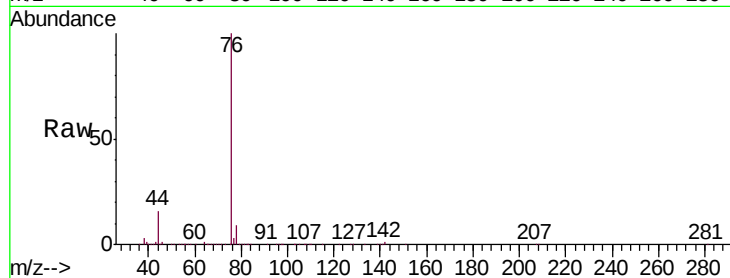
ICVWV100818

Tgt Ion: 76 Resp: 469070

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

150000

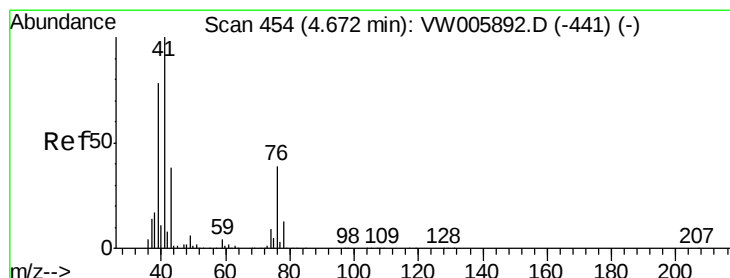
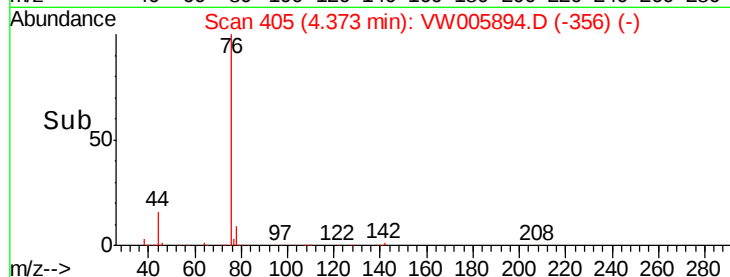
100000

50000

0

4.20 4.40 4.60

Time-->



#18

Methyl Acetate

Concen: 48.340 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW005894.D

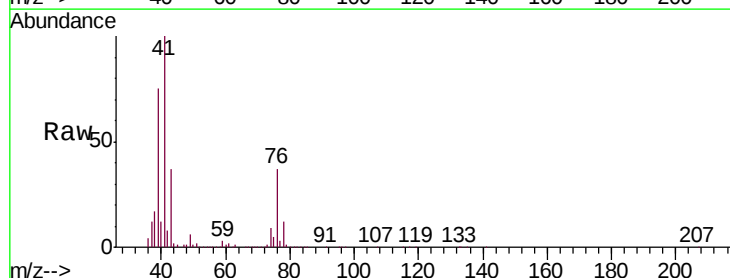
Acq: 08 Oct 2018 14:09

Tgt Ion: 43 Resp: 79804

Ion Ratio Lower Upper

43 100

74 24.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

30000

25000

20000

15000

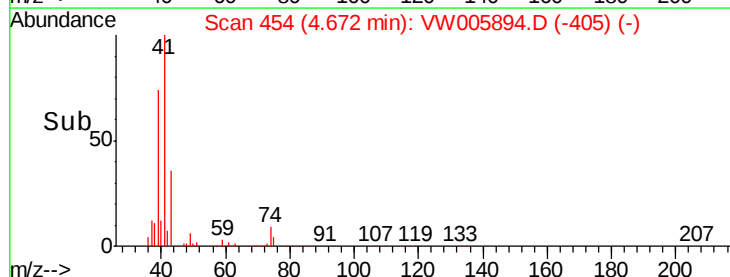
10000

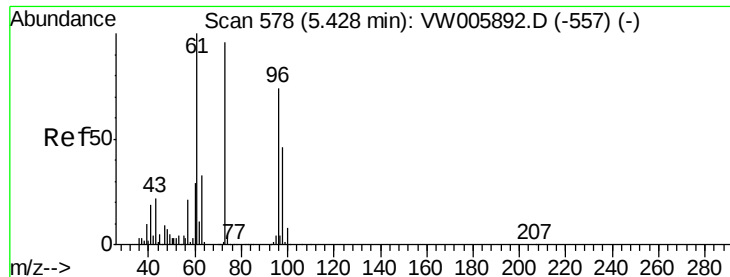
5000

0

4.60 4.70 4.80

Time-->



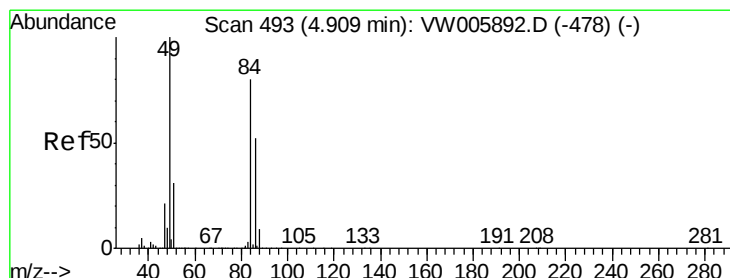
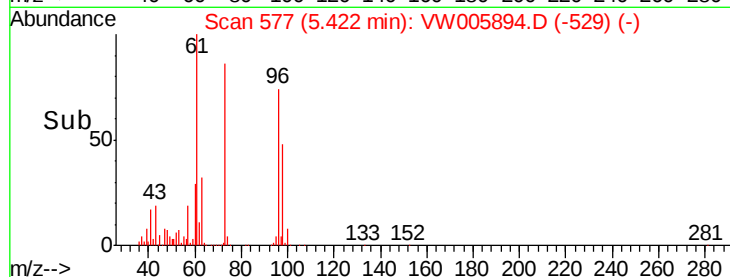
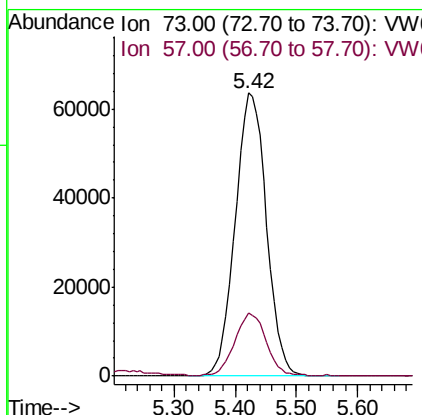
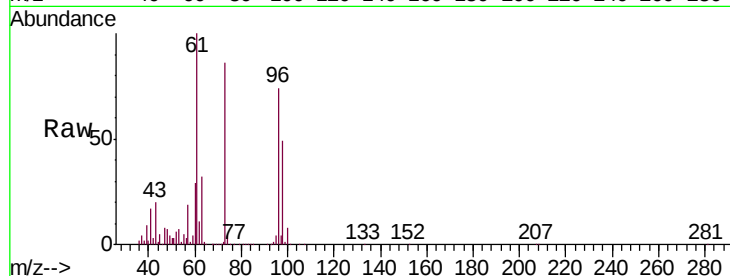


#19

Methyl tert-butyl Ether
 Concen: 48.280 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

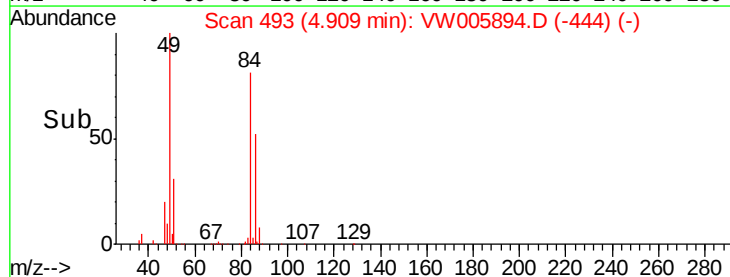
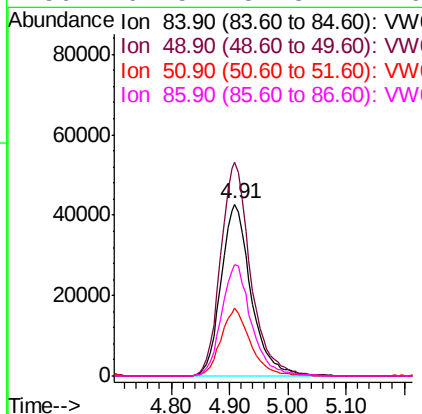
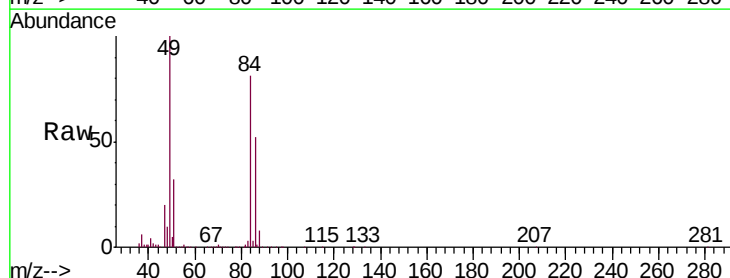
Tgt Ion: 73 Resp: 223084
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.7 26.5

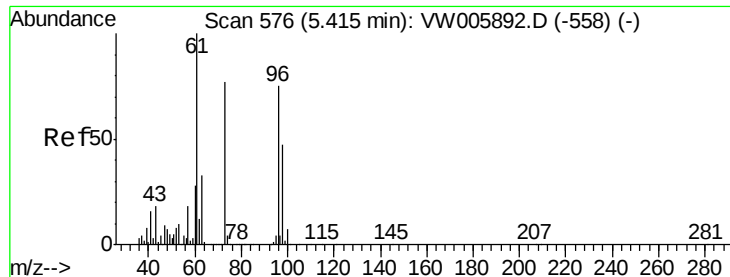


#20

Methylene Chloride
 Concen: 46.274 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion: 84 Resp: 151669
 Ion Ratio Lower Upper
 84 100
 49 124.1 99.9 149.9
 51 39.0 31.1 46.7
 86 64.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 51.391 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100818

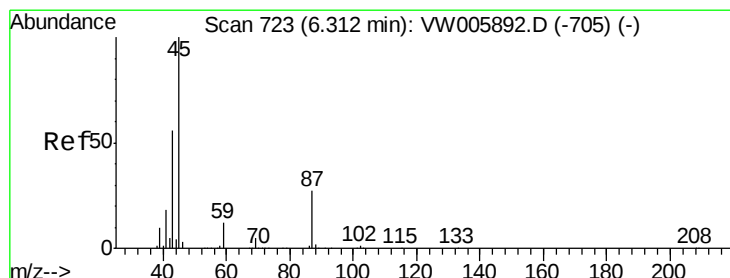
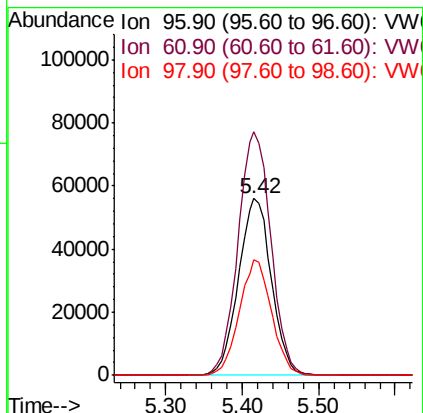
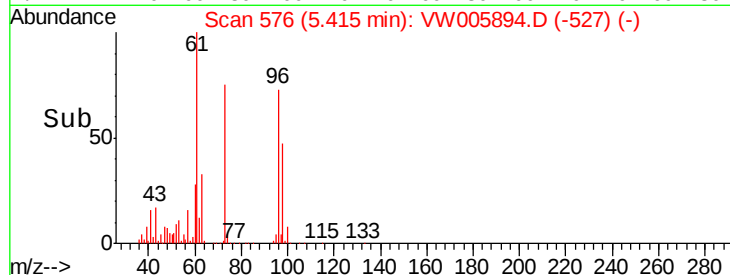
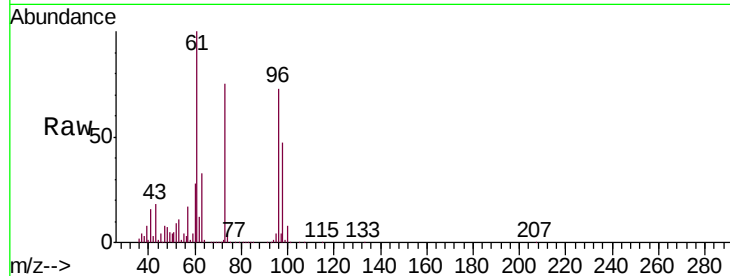
Tgt Ion: 96 Resp: 166355

Ion Ratio Lower Upper

96 100

61 137.8 107.4 161.0

98 65.0 50.8 76.2



#22

Diisopropyl ether

Concen: 49.150 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Tgt Ion: 45 Resp: 465352

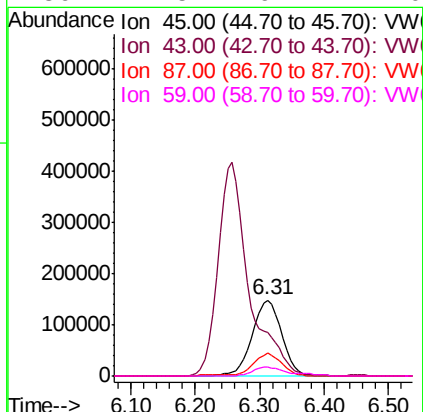
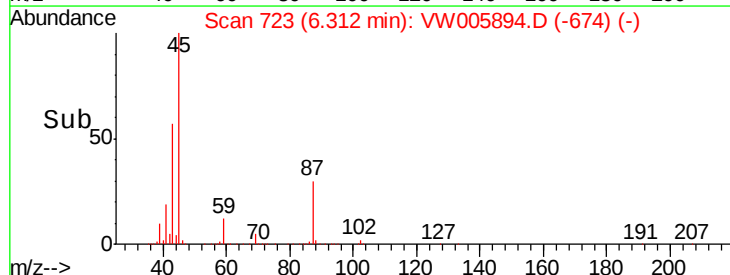
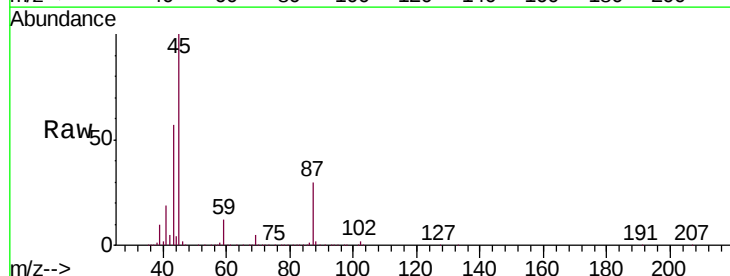
Ion Ratio Lower Upper

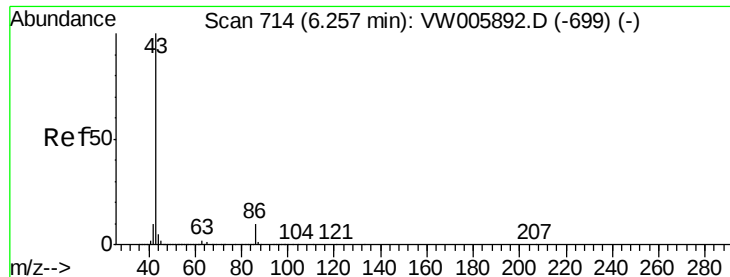
45 100

43 56.4 45.9 68.9

87 29.8 22.2 33.4

59 11.5 9.4 14.0





#23

Vinyl Acetate

Concen: 239.606 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

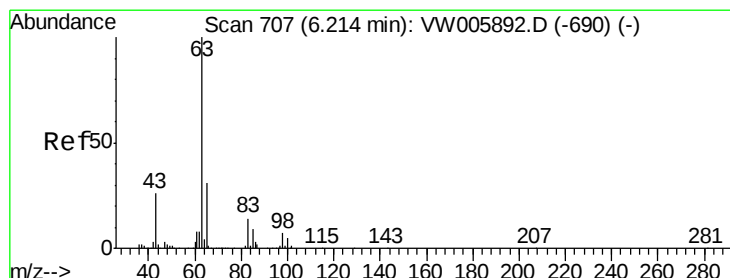
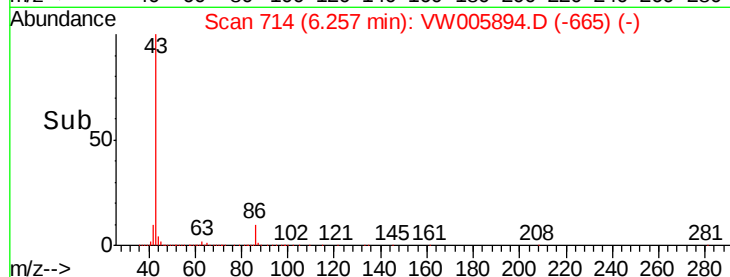
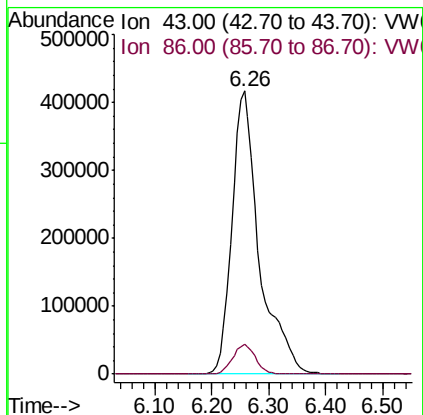
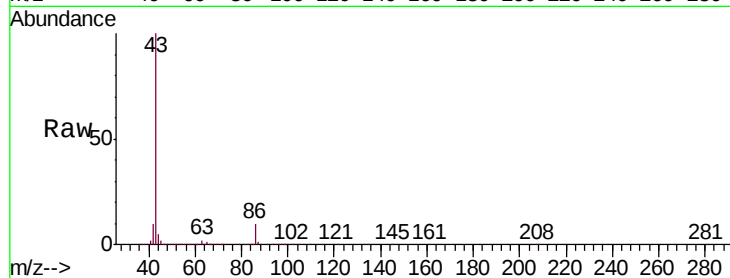
ICVWV100818

Tgt Ion: 43 Resp: 1396295

Ion Ratio Lower Upper

43 100

86 10.4 8.2 12.4



#24

1,1-Dichloroethane

Concen: 50.271 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

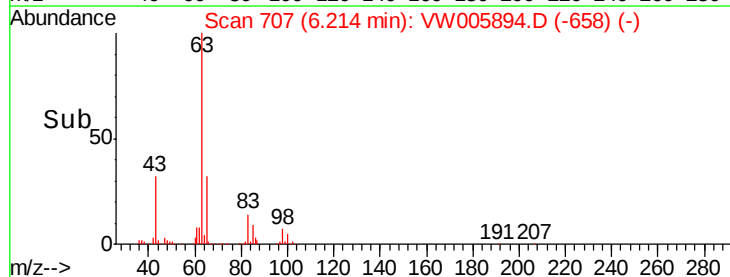
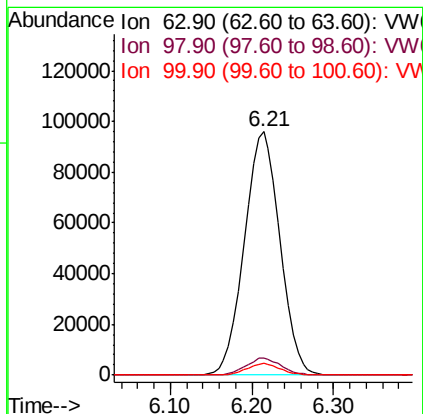
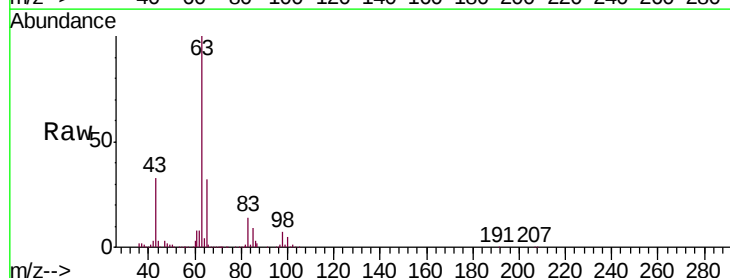
Tgt Ion: 63 Resp: 291272

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.6

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 231.411 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

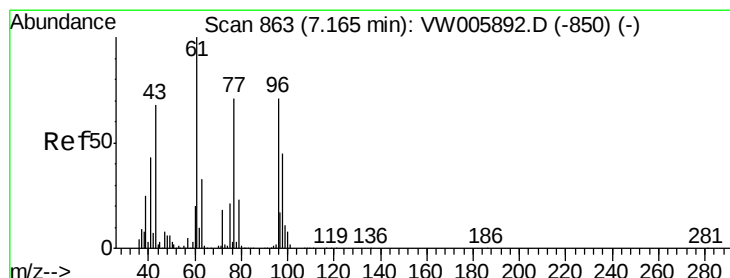
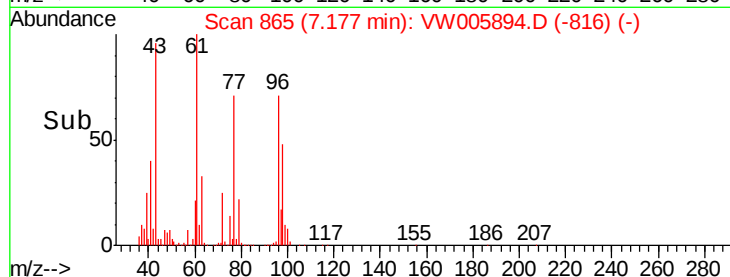
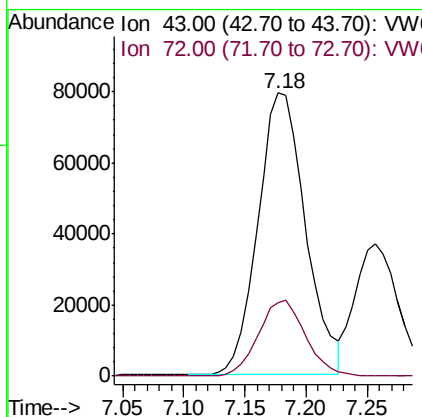
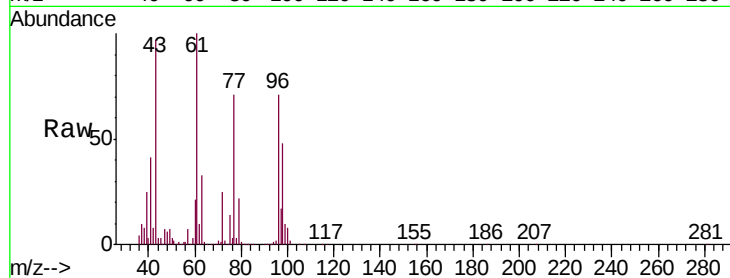
ICVWV100818

Tgt Ion: 43 Resp: 215325

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.4



#26

2,2-Dichloropropane

Concen: 50.001 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW005894.D

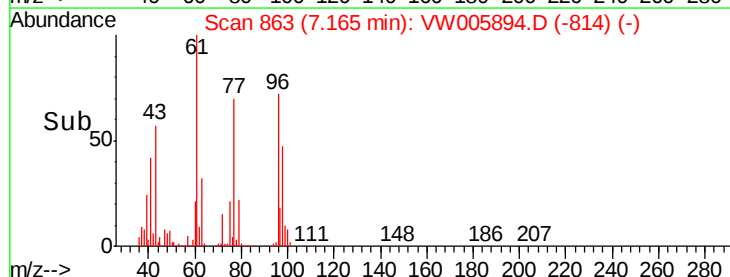
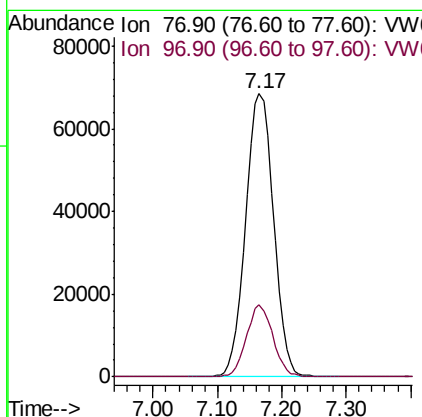
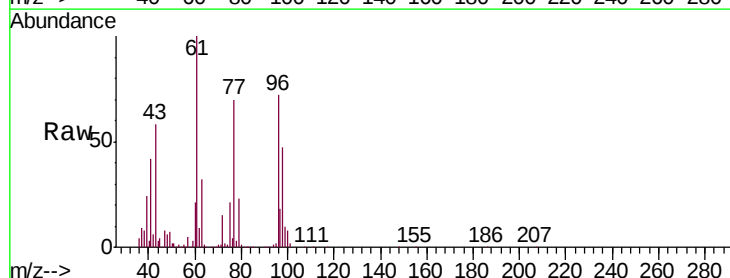
Acq: 08 Oct 2018 14:09

Tgt Ion: 77 Resp: 203889

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.7



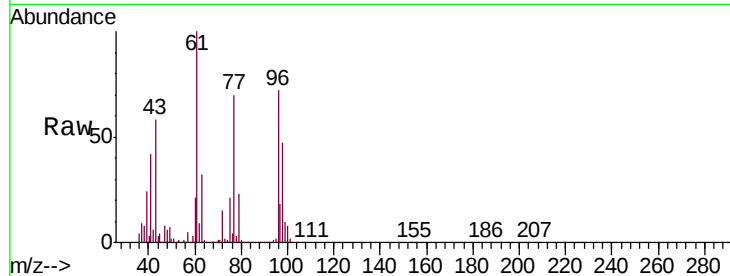


#27

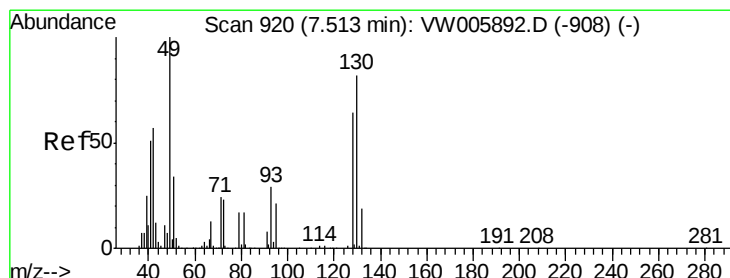
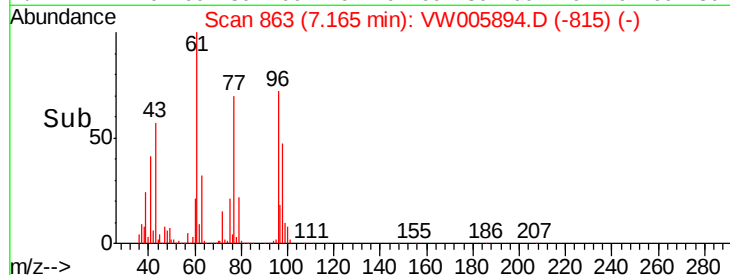
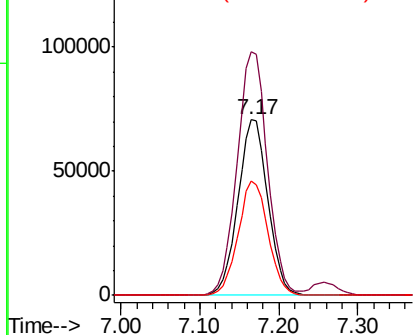
cis-1,2-Dichloroethene
Concen: 50.890 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

Tgt Ion: 96 Resp: 186299
Ion Ratio Lower Upper
96 100
61 141.1 0.0 284.0
98 65.1 0.0 129.8



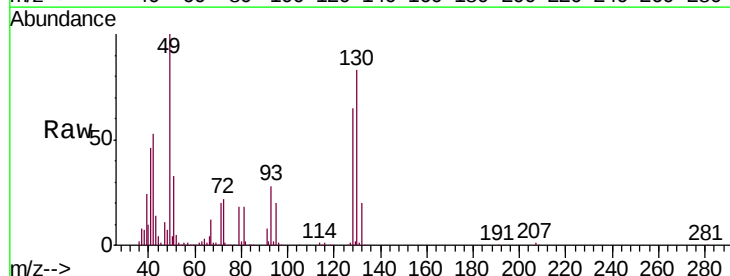
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



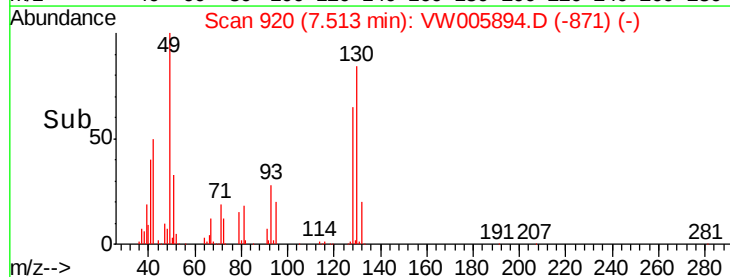
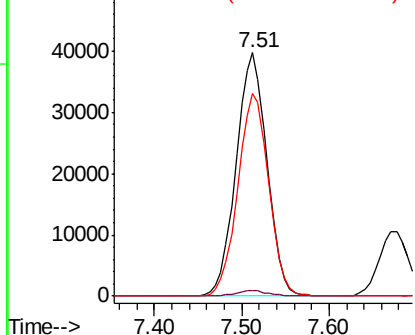
#28

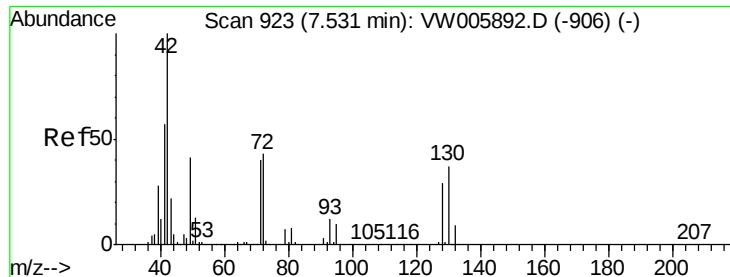
Bromochloromethane
Concen: 45.463 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion: 49 Resp: 97232
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.0
130 83.3 66.9 100.3



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





#29

Tetrahydrofuran

Concen: 225.536 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100818

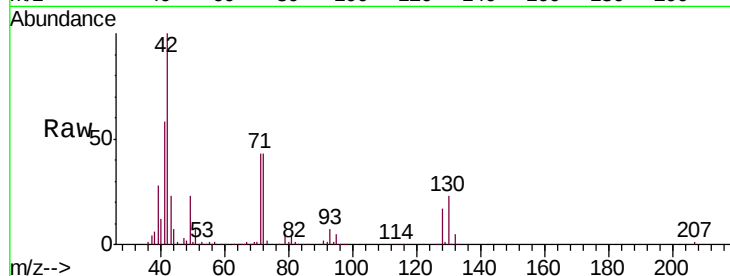
Tgt Ion: 42 Resp: 132661

Ion Ratio Lower Upper

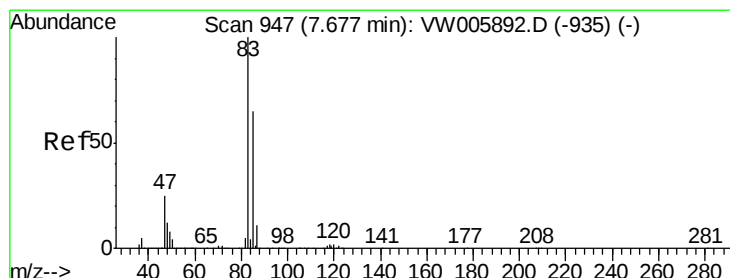
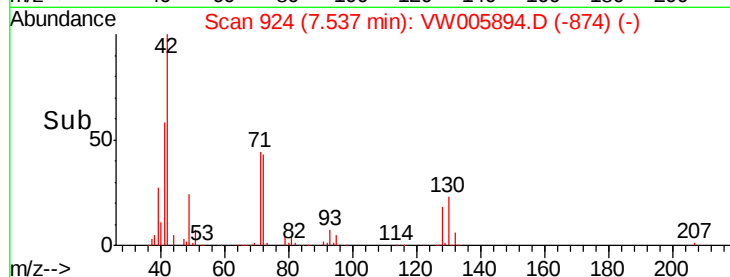
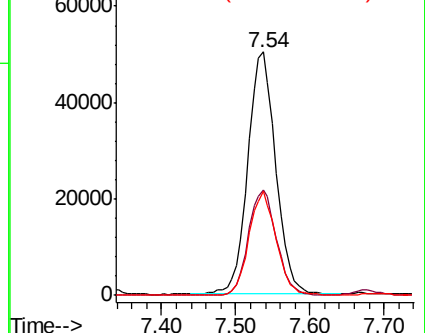
42 100

72 43.8 34.6 51.8

71 41.8 32.6 49.0



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: 50.698 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW005894.D

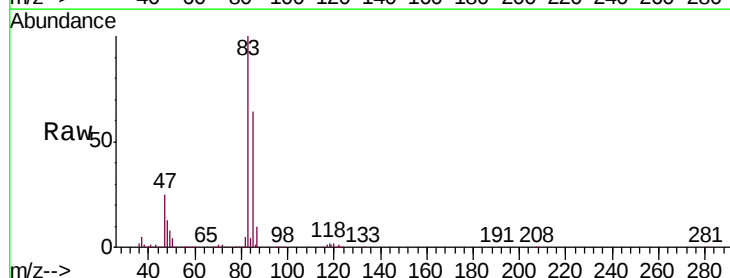
Acq: 08 Oct 2018 14:09

Tgt Ion: 83 Resp: 301722

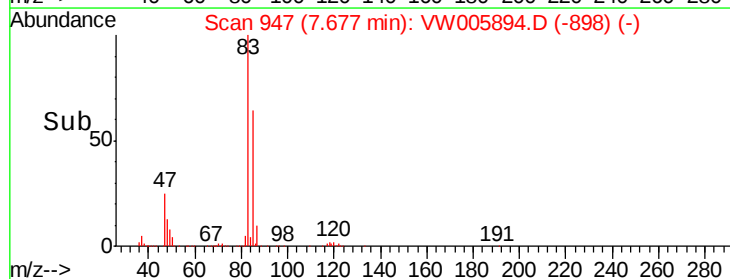
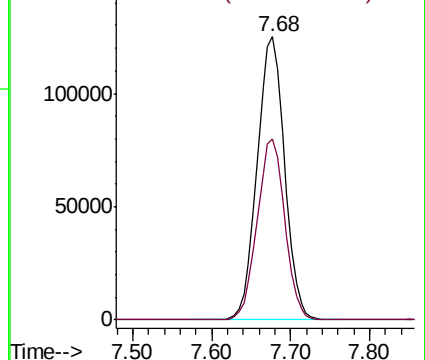
Ion Ratio Lower Upper

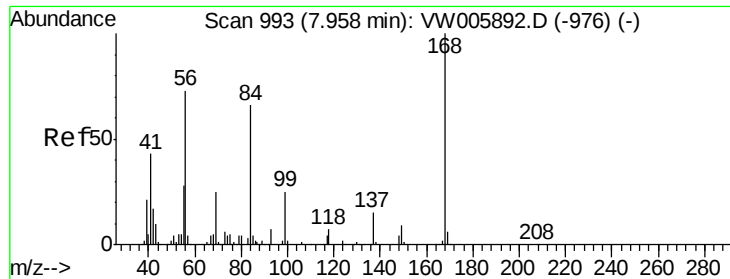
83 100

85 63.9 51.6 77.4



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

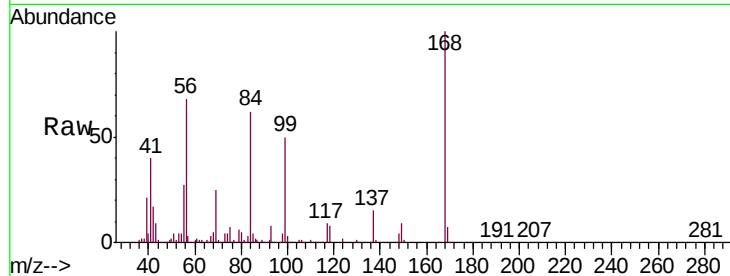




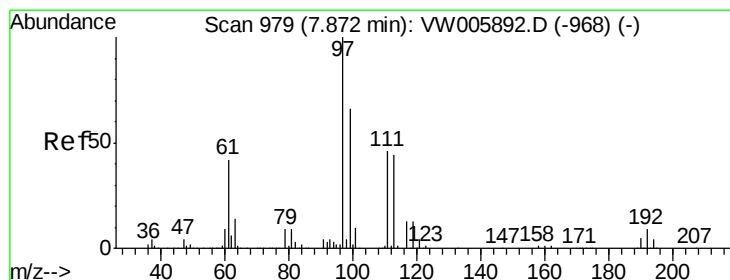
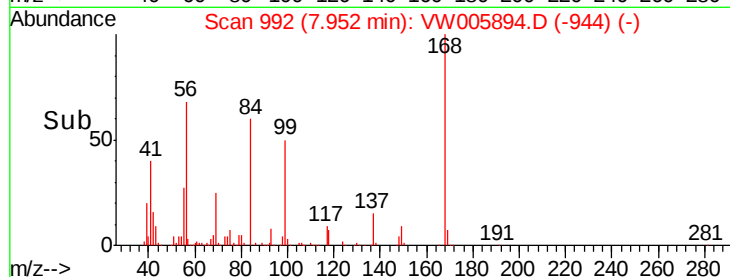
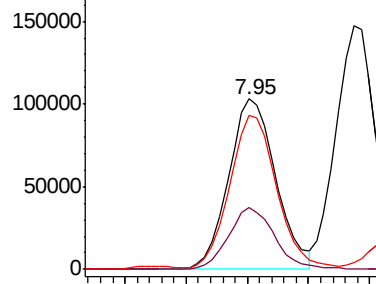
#31
Cyclohexane
Concen: 48.314 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

Tgt Ion: 56 Resp: 277026
Ion Ratio Lower Upper
56 100
69 36.0 27.9 41.9
84 89.0 72.3 108.5

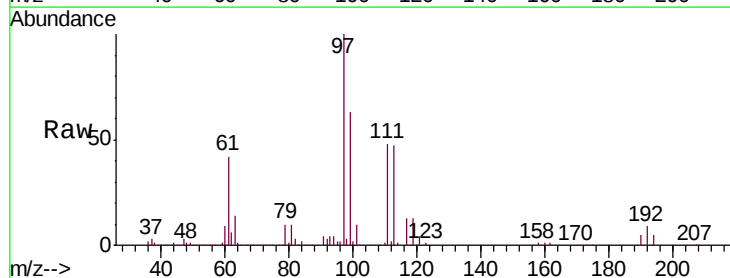


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

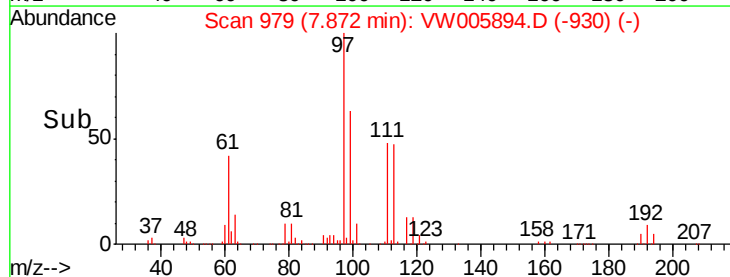
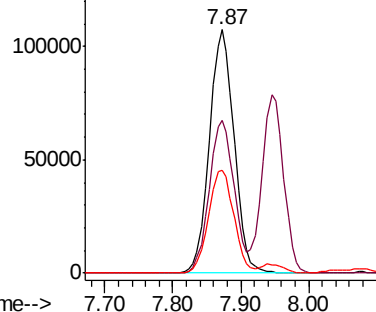


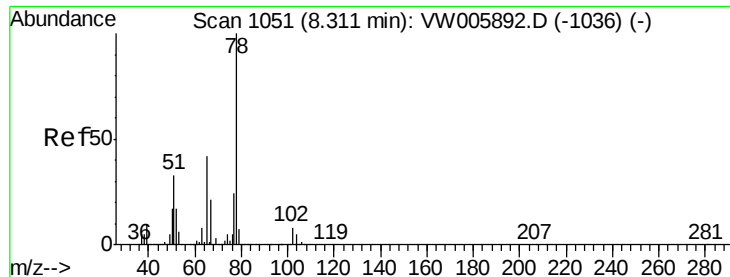
#32
1,1,1-Trichloroethane
Concen: 51.032 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion: 97 Resp: 270473
Ion Ratio Lower Upper
97 100
99 63.1 51.6 77.4
61 43.5 34.5 51.7



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: 48.488 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

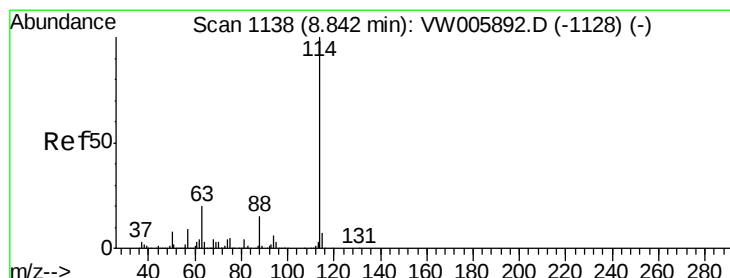
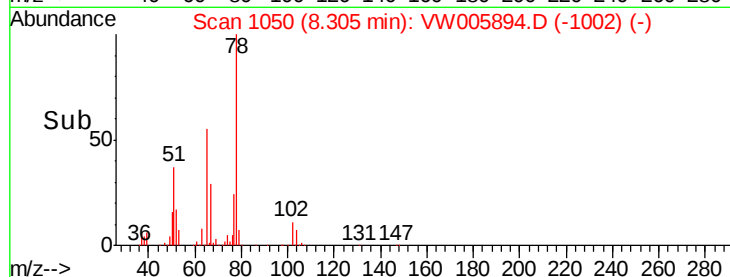
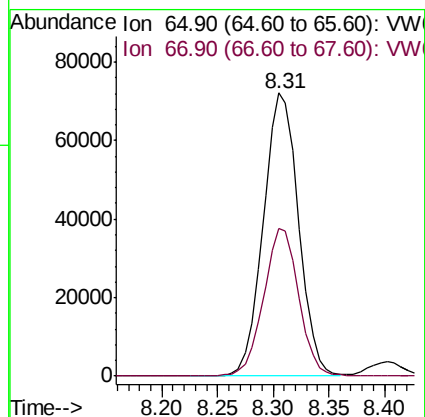
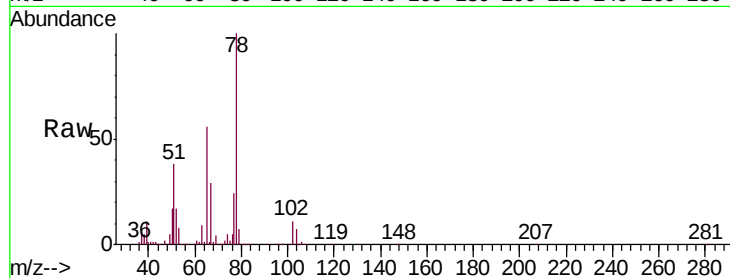
ICVWV100818

Tgt Ion: 65 Resp: 158808

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

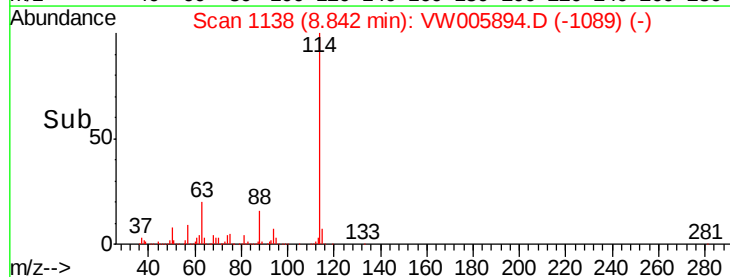
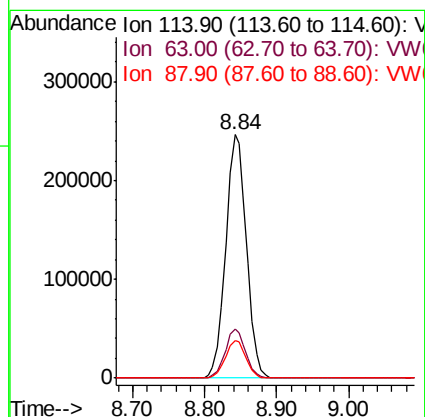
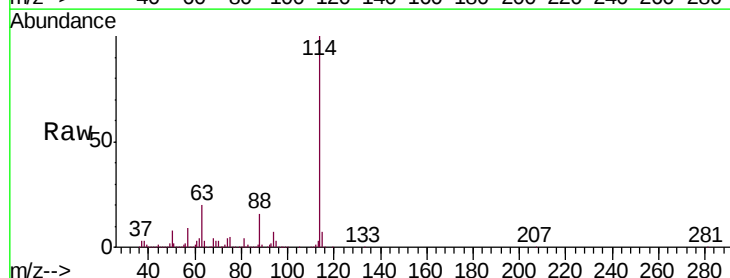
Tgt Ion: 114 Resp: 490936

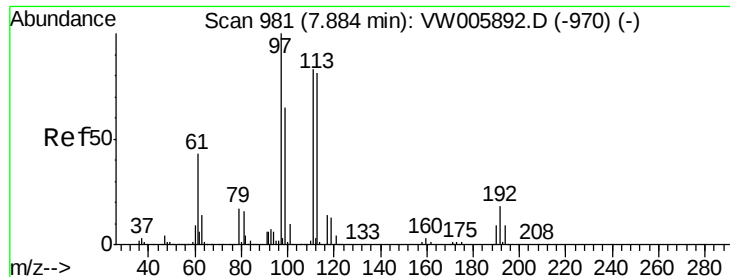
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

88 15.6 0.0 30.8

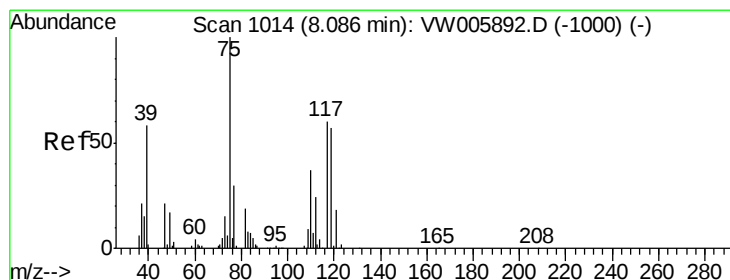
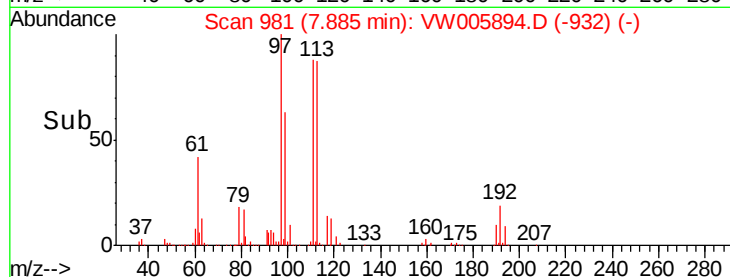
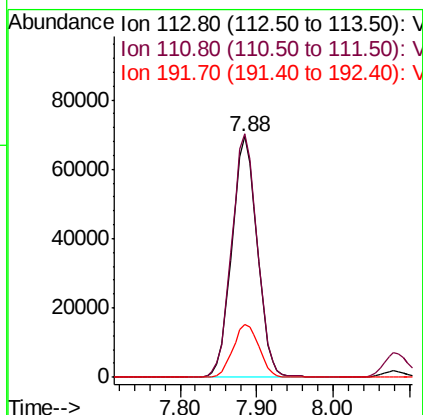
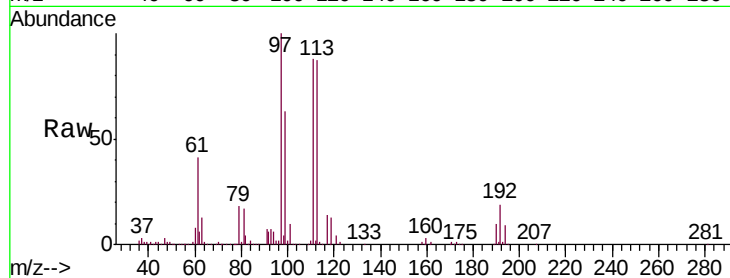




#35
 Dibromofluoromethane
 Concen: 50.846 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

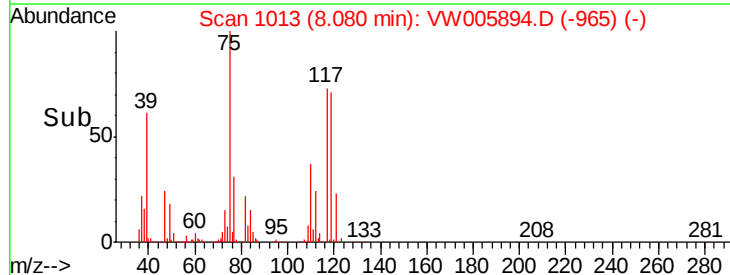
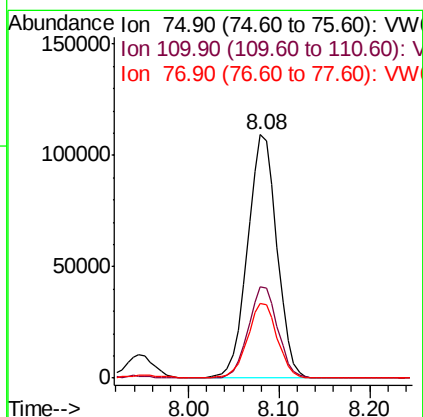
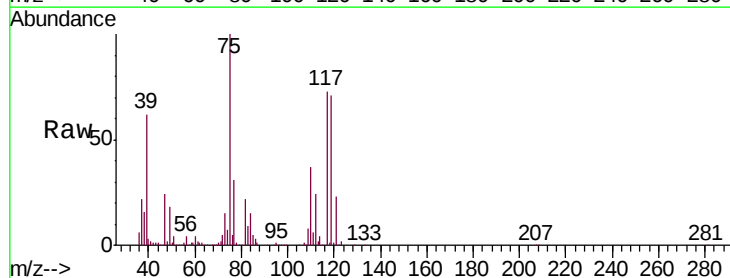
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

Tgt Ion: 113 Resp: 159371
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.0 123.0
 192 22.6 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 52.152 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion: 75 Resp: 245328
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.6 56.0
 77 30.9 24.7 37.1

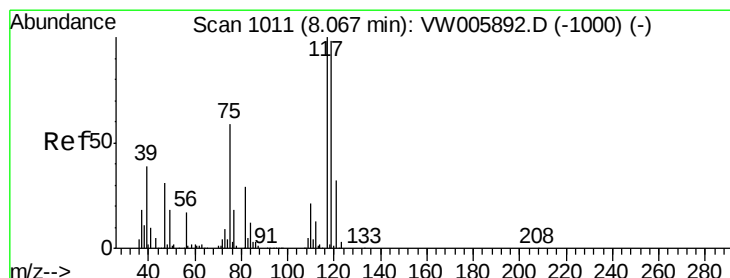
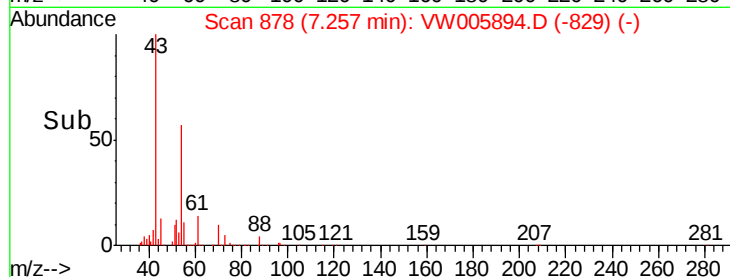
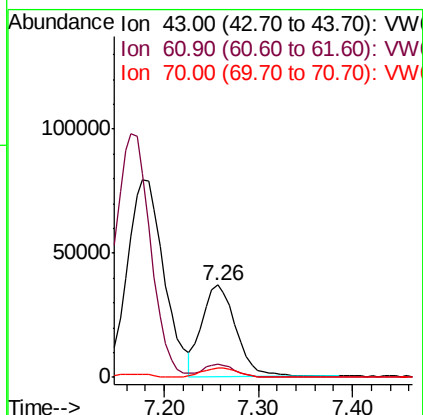
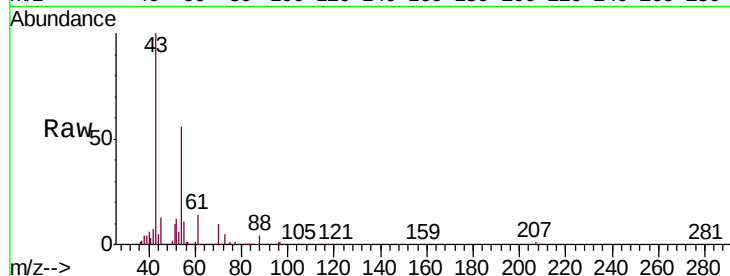




#37
Ethyl Acetate
Concen: 46.022 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

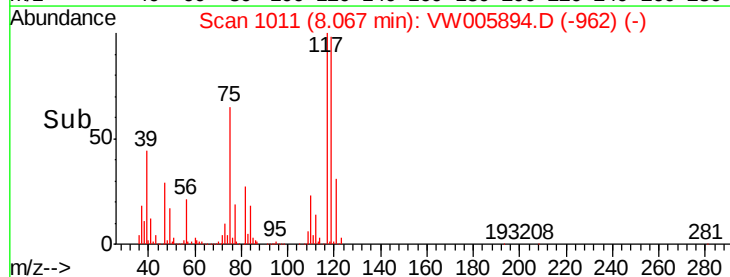
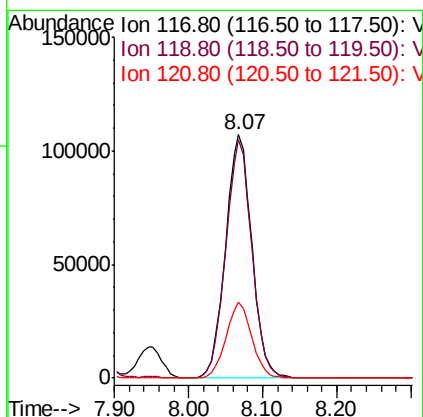
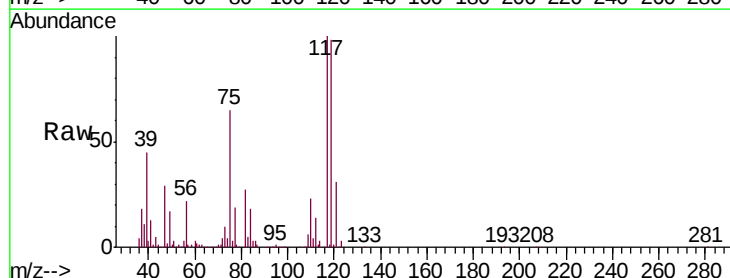
Instrument :
MSVOA_W
ClientSampled :
ICVWV100818

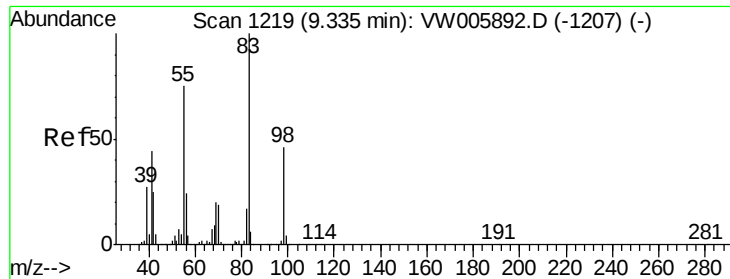
Tgt Ion: 43 Resp: 91680
Ion Ratio Lower Upper
43 100
61 14.0 10.6 16.0
70 10.9 8.6 13.0



#38
Carbon Tetrachloride
Concen: 52.244 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion: 117 Resp: 264045
Ion Ratio Lower Upper
117 100
119 97.9 78.6 117.8
121 31.2 25.3 37.9

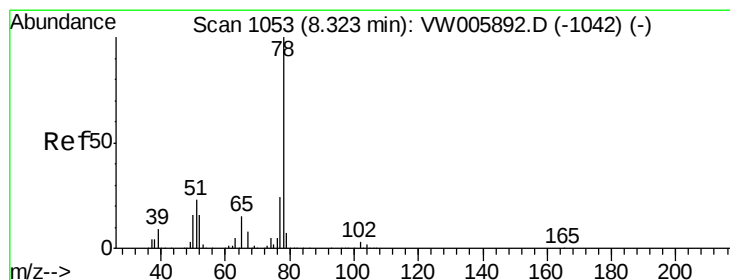
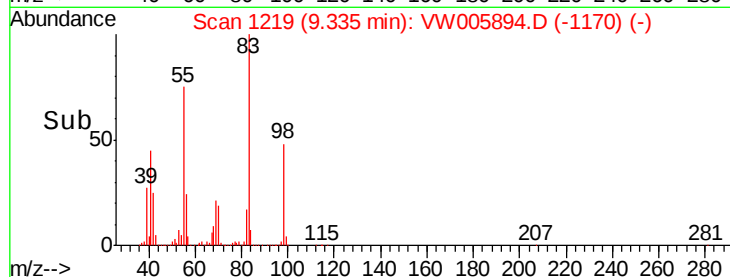
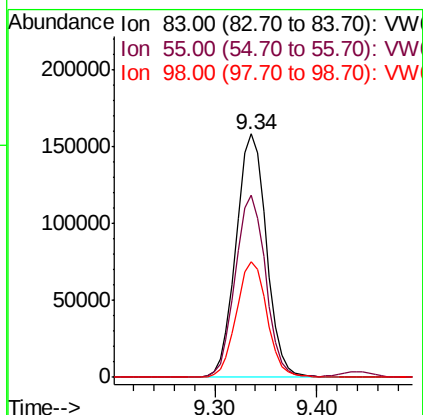
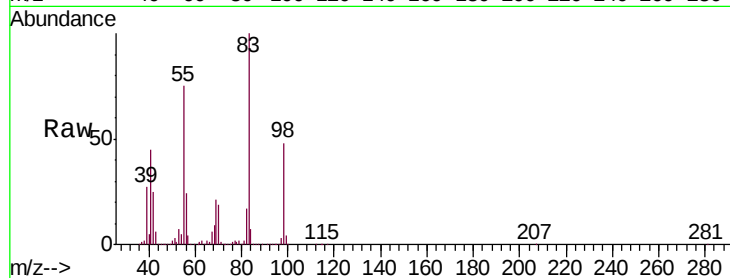




#39
Methylcyclohexane
Concen: 52.664 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

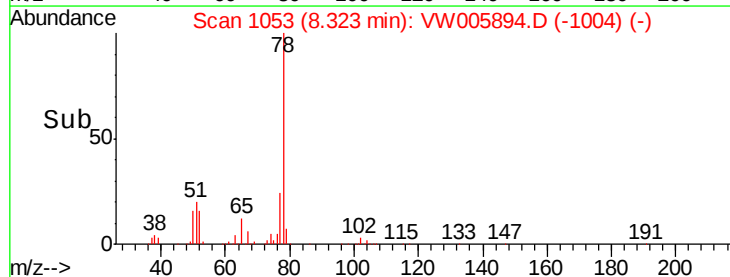
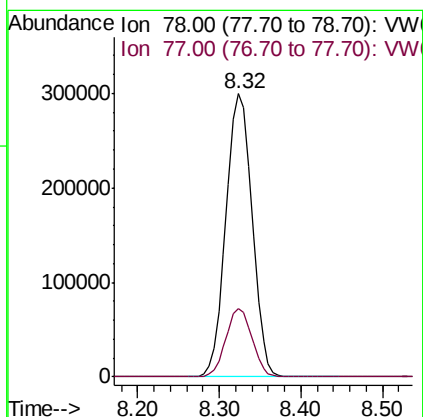
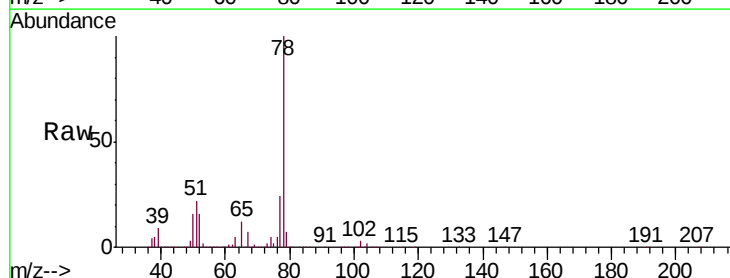
Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

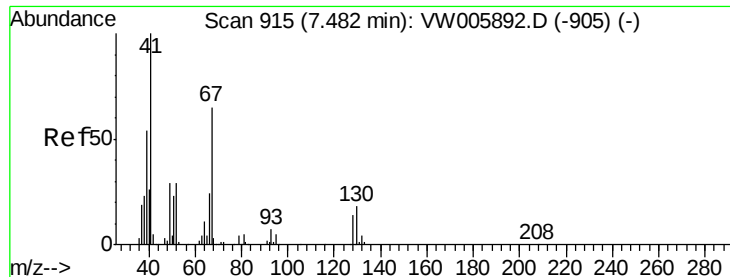
Tgt Ion: 83 Resp: 326760
Ion Ratio Lower Upper
83 100
55 74.6 59.8 89.6
98 47.5 37.1 55.7



#40
Benzene
Concen: 51.625 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion: 78 Resp: 664666
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

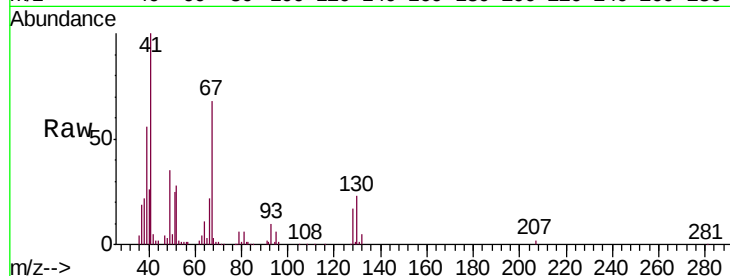




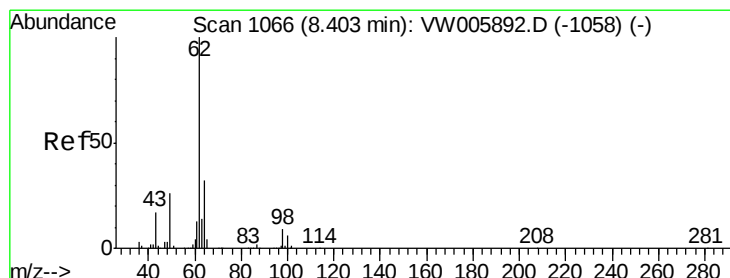
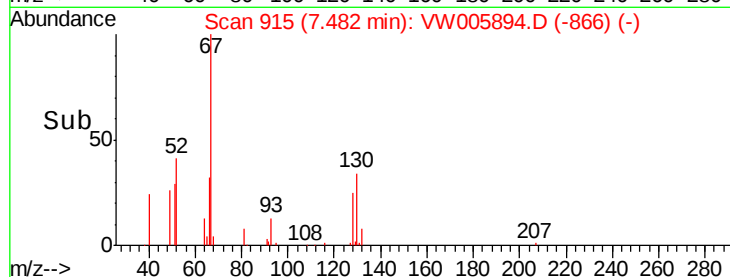
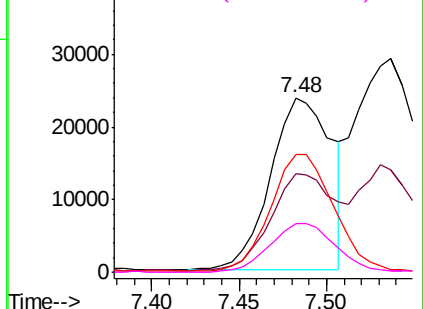
#41
Methacrylonitrile
Concen: 45.971 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

Tgt Ion:	41	Resp:	57334
Ion	Ratio	Lower	Upper
41	100		
39	62.9	45.0	67.4
67	70.8	55.8	83.8
52	30.8	25.3	37.9

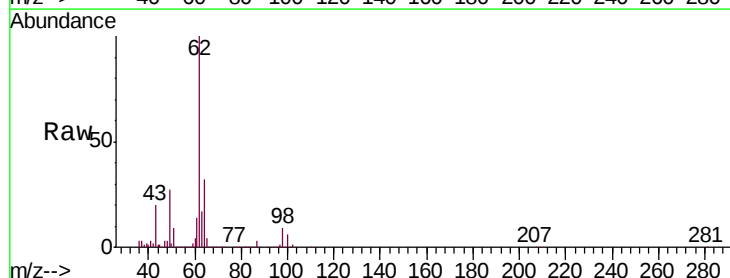


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

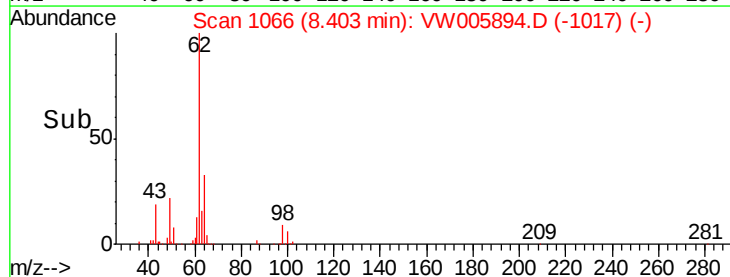
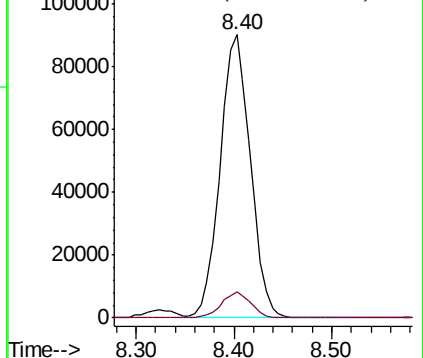


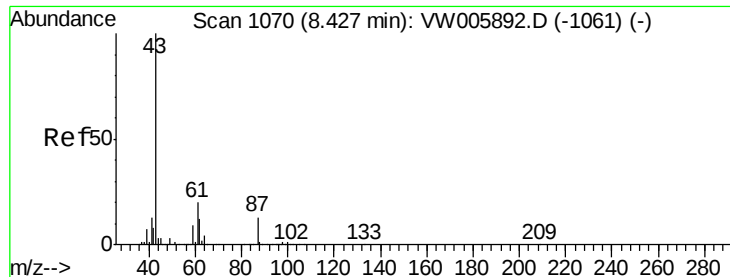
#42
1,2-Dichloroethane
Concen: 49.572 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion:	62	Resp:	192821
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.0



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





#43

Isopropyl Acetate

Concen: 48.127 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100818

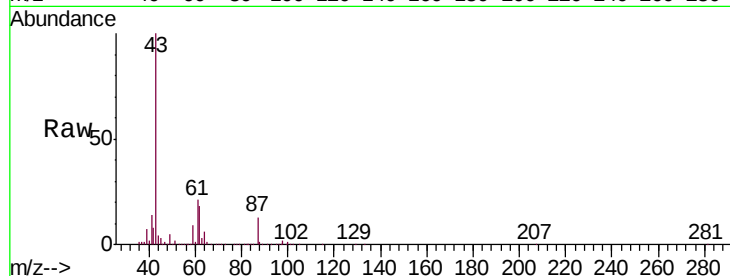
Tgt Ion: 43 Resp: 200270

Ion Ratio Lower Upper

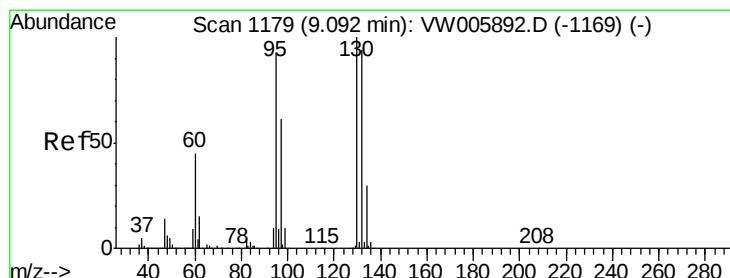
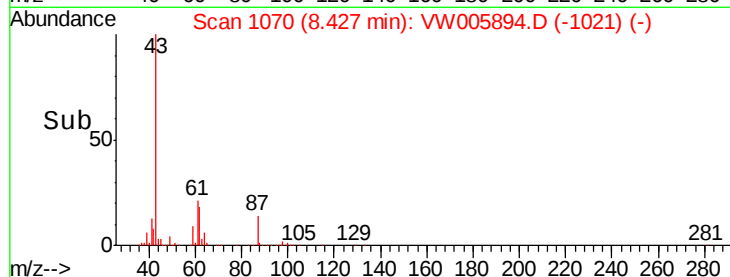
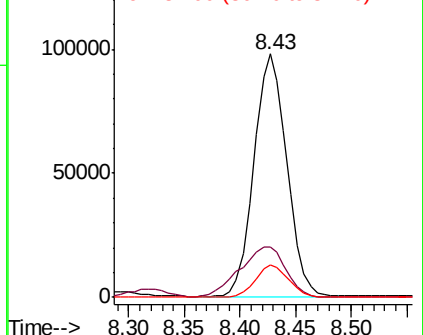
43 100

61 29.4 23.1 34.7

87 13.5 10.7 16.1



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



#44

Trichloroethene

Concen: 52.860 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW005894.D

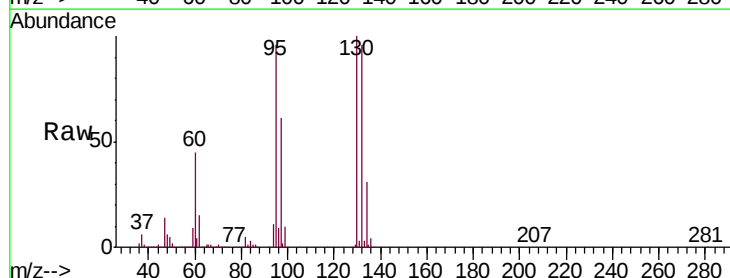
Acq: 08 Oct 2018 14:09

Tgt Ion: 130 Resp: 197463

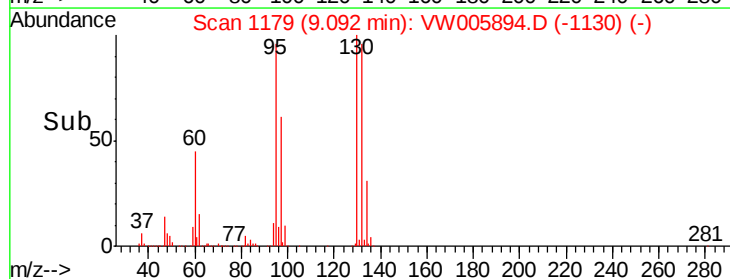
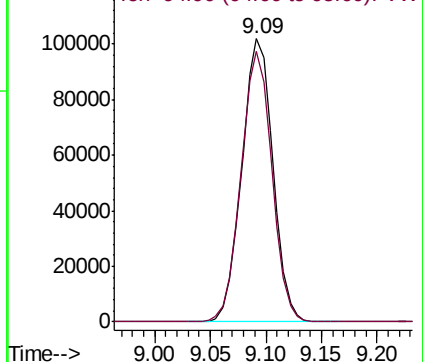
Ion Ratio Lower Upper

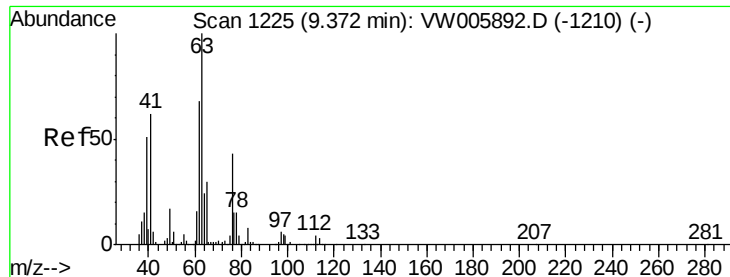
130 100

95 95.5 0.0 185.6



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

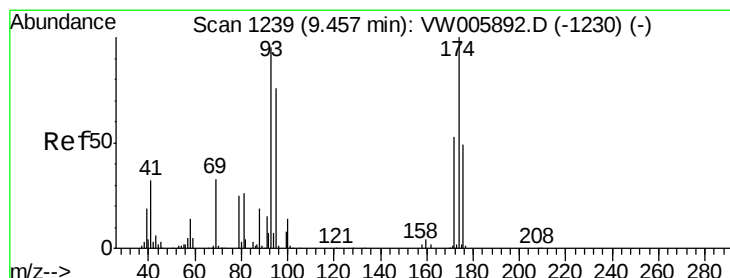
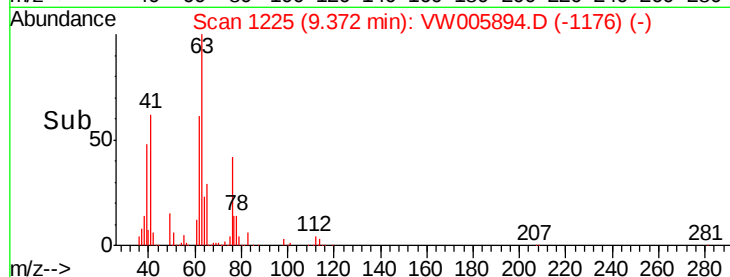
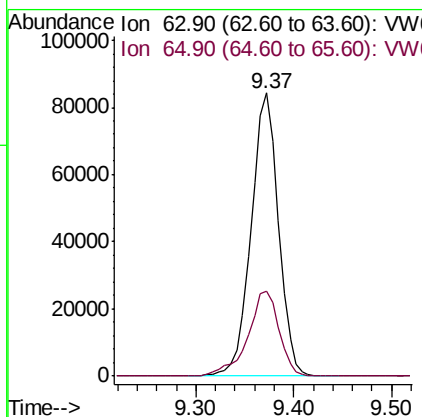
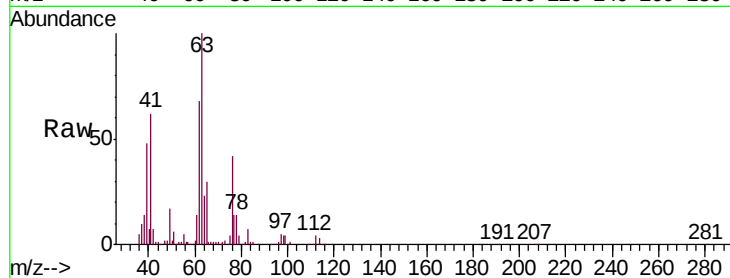




#45
 1,2-Dichloropropane
 Concen: 50.621 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

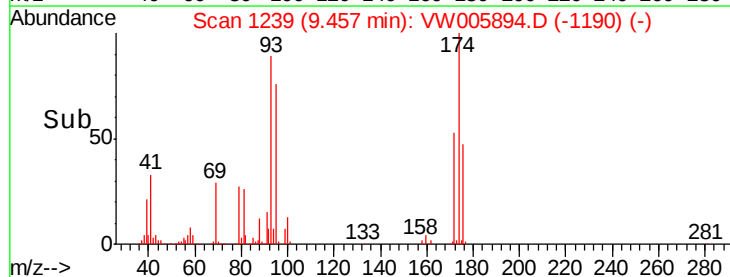
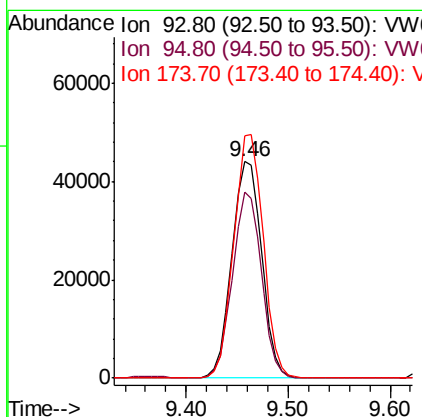
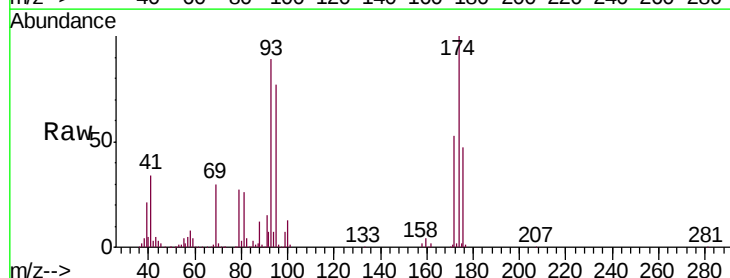
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

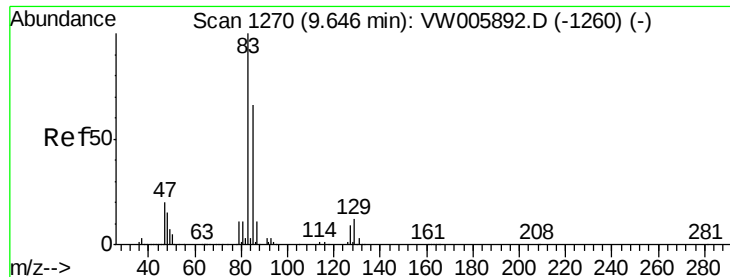
Tgt Ion: 63 Resp: 163138
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.3 36.5



#46
 Dibromomethane
 Concen: 50.280 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion: 93 Resp: 89059
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 99.8
 174 111.2 90.4 135.6





#47

Bromodichloromethane

Concen: 50.188 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100818

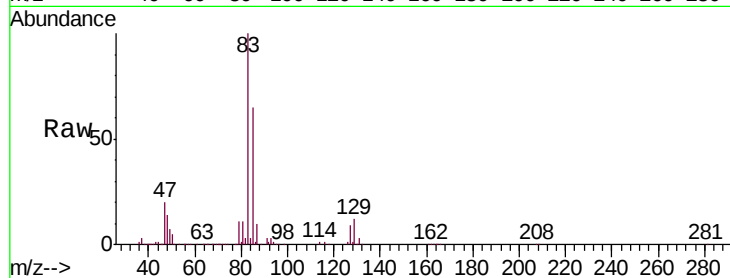
Tgt Ion: 83 Resp: 223697

Ion Ratio Lower Upper

83 100

85 65.1 53.0 79.6

127 9.2 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

150000

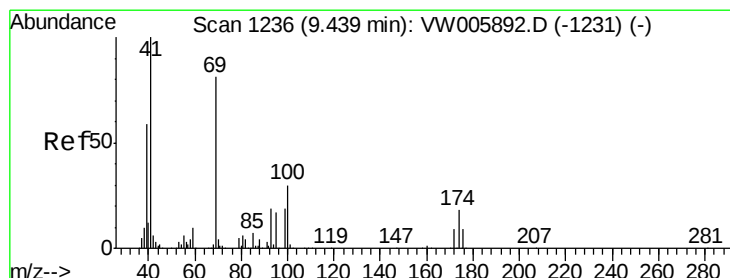
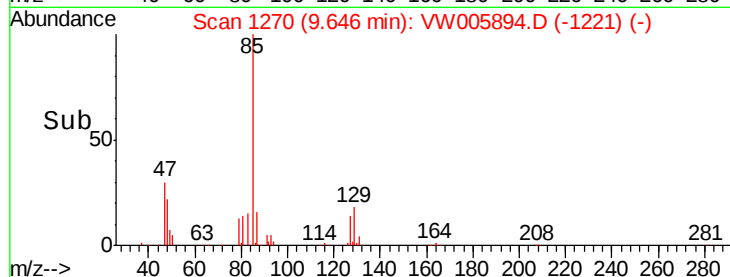
100000

50000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#48

Methyl methacrylate

Concen: 48.294 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

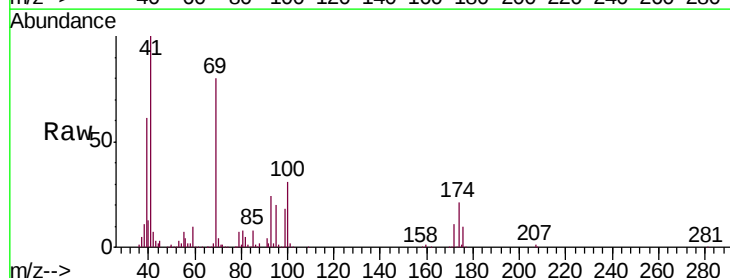
Tgt Ion: 41 Resp: 95734

Ion Ratio Lower Upper

41 100

69 85.4 68.7 103.1

39 61.3 50.0 75.0



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

60000

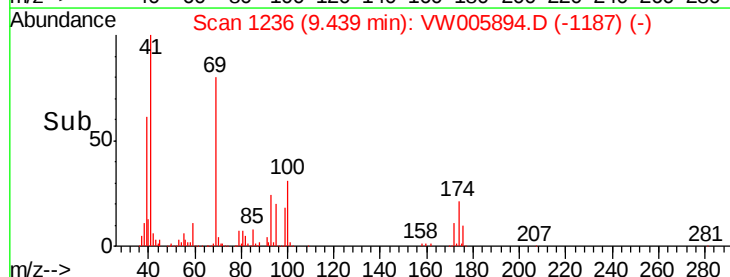
40000

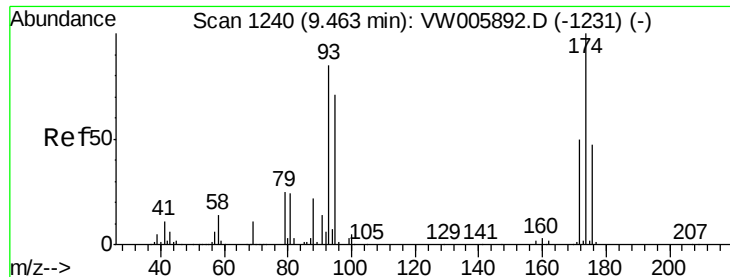
20000

0

9.40 9.45

Time-->

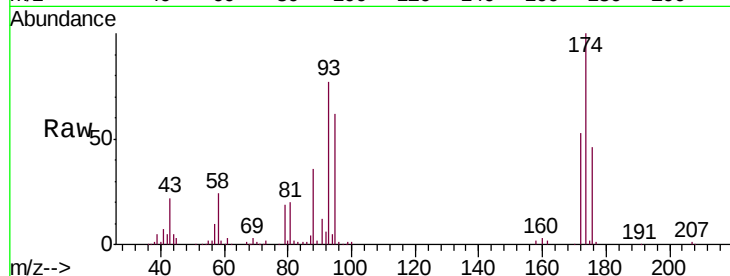




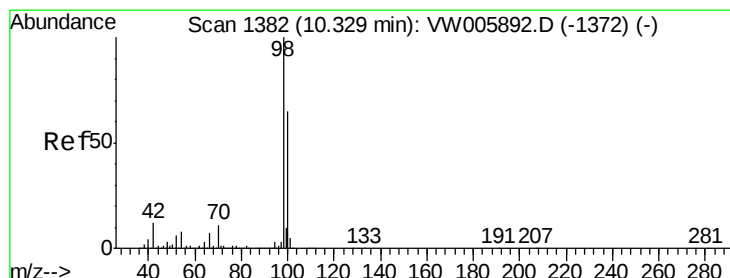
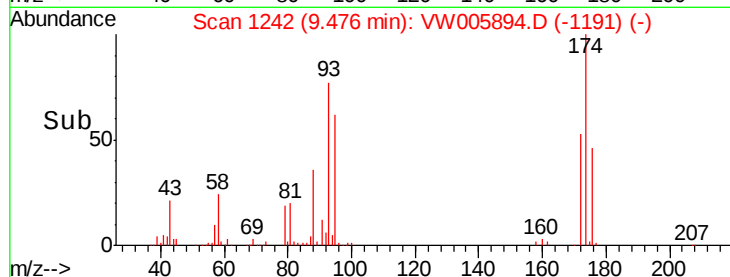
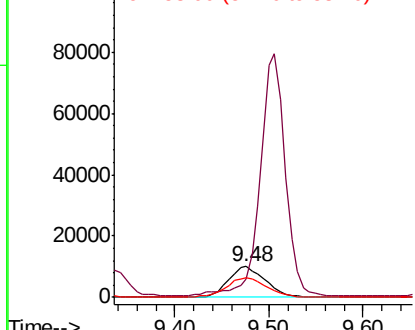
#49
1,4-Dioxane
Concen: 1013.065 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

Tgt Ion: 88 Resp: 27256
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 70.9 57.7 86.5

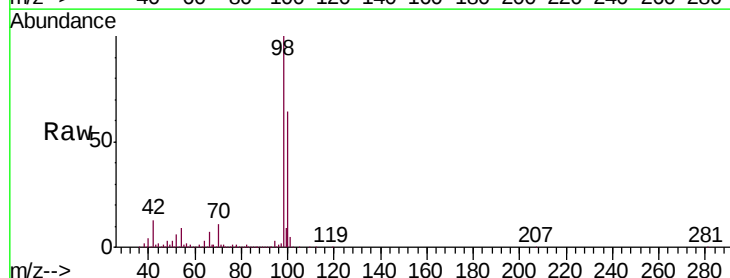


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

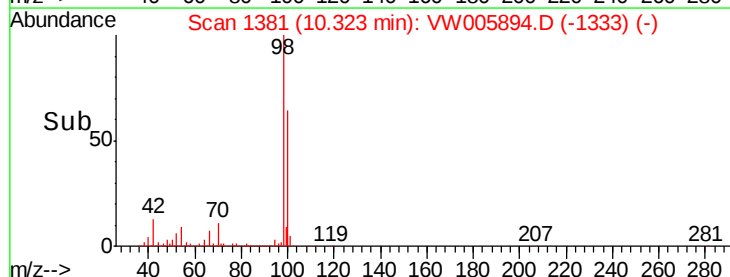
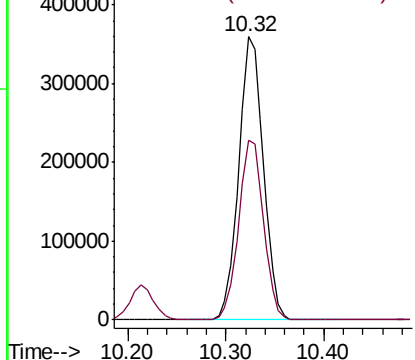


#50
Toluene-d8
Concen: 51.845 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion: 98 Resp: 625219
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

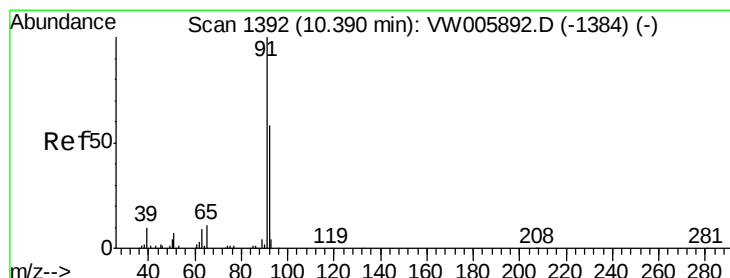
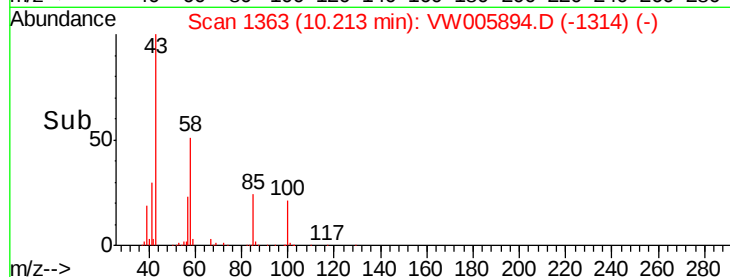
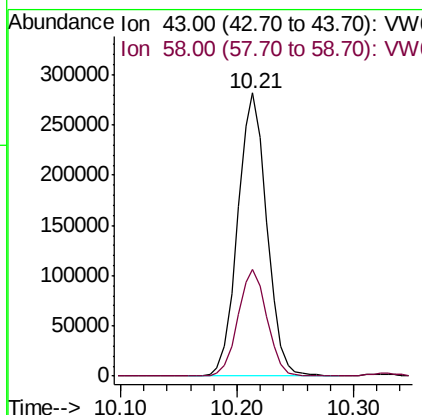
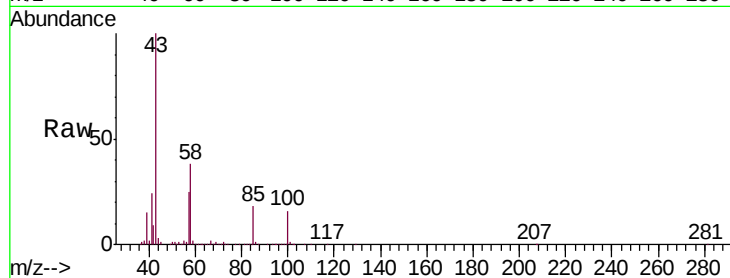




#51
 4-Methyl-2-Pentanone
 Concen: 240.420 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

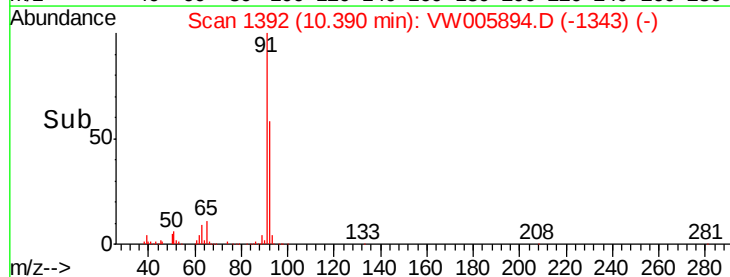
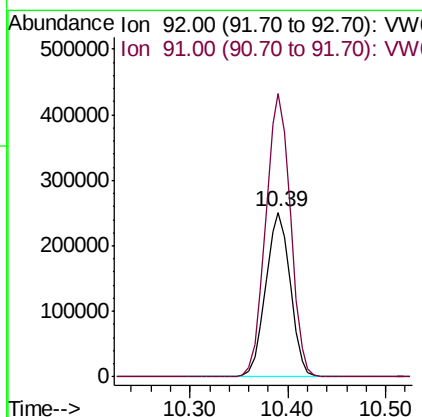
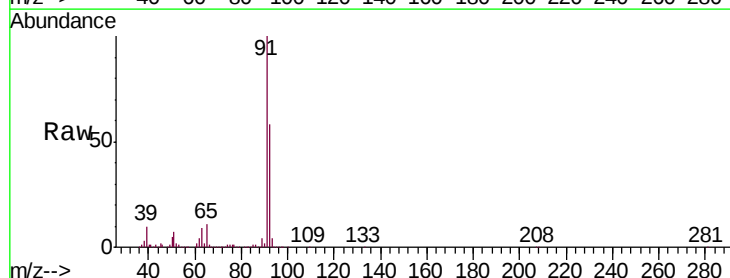
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

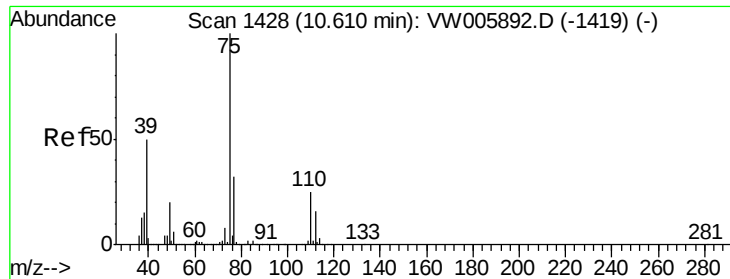
Tgt Ion: 43 Resp: 487181
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.2 45.4



#52
 Toluene
 Concen: 51.636 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion: 92 Resp: 436750
 Ion Ratio Lower Upper
 92 100
 91 173.1 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 51.010 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

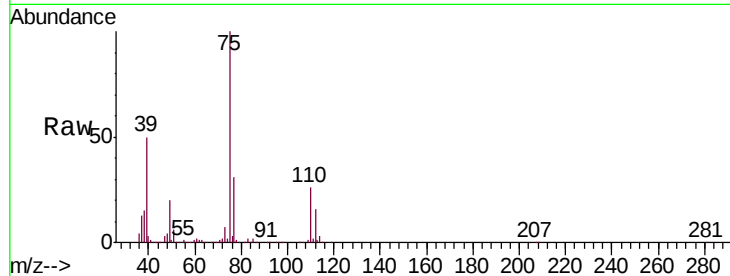
ICVWV100818

Tgt Ion: 75 Resp: 237600

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

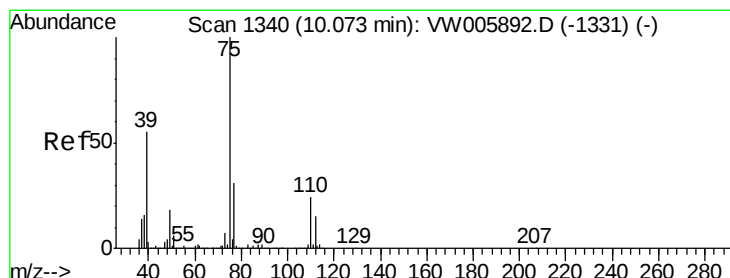
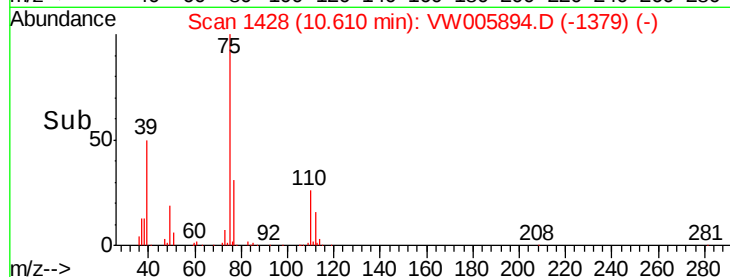
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 50.803 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

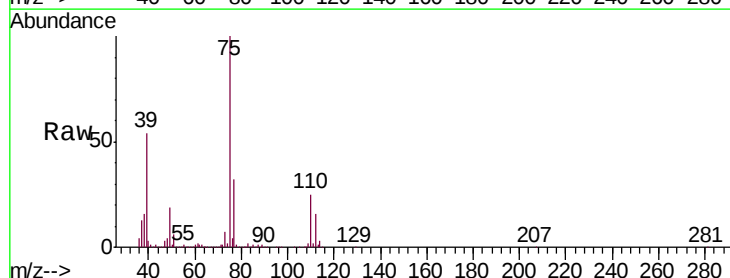
Tgt Ion: 75 Resp: 266005

Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0

39 54.1 44.2 66.4



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

200000

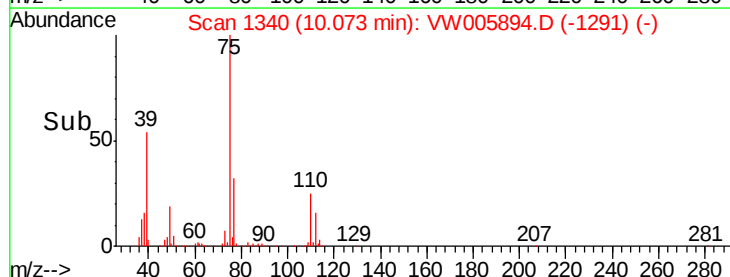
150000

100000

50000

0

Time--> 10.00 10.10

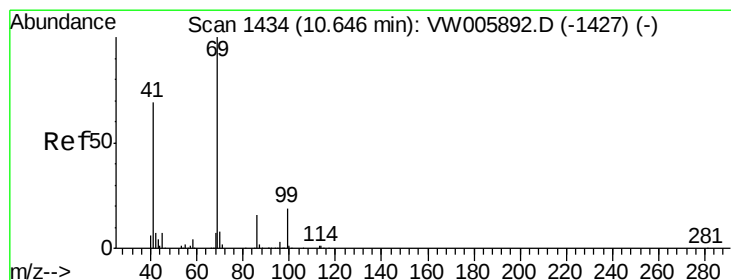
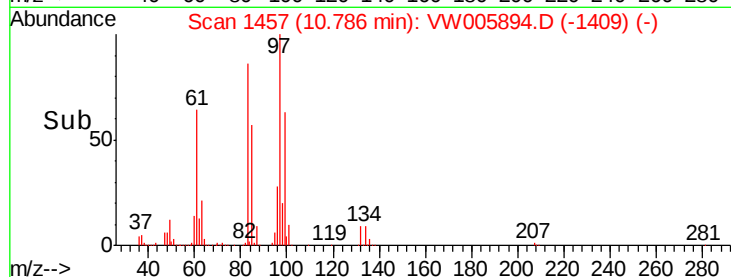
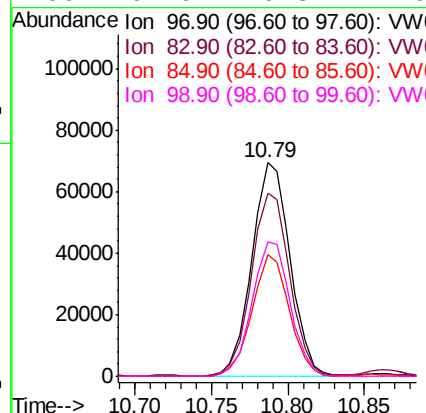
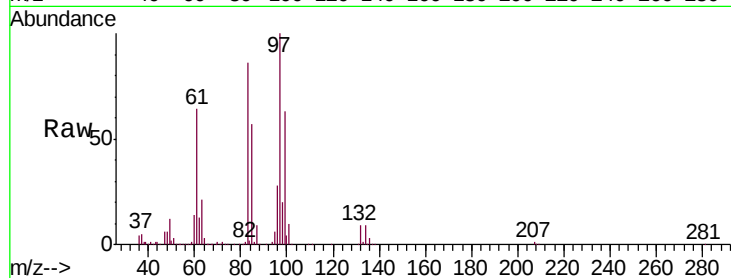




#55
 1,1,2-Trichloroethane
 Concen: 49.102 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

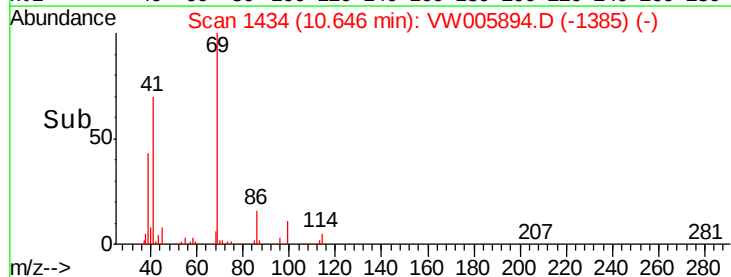
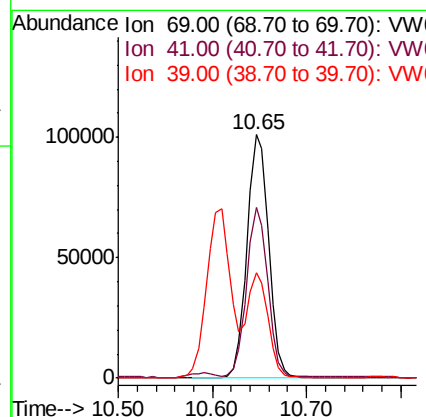
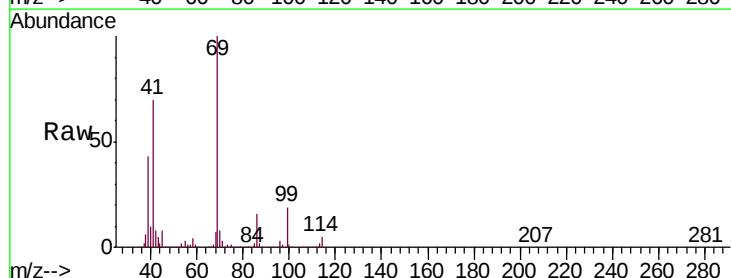
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

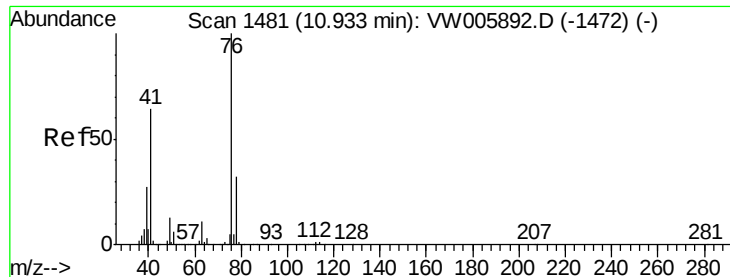
Tgt Ion:	97	Resp:	120462
Ion	Ratio	Lower	Upper
97	100		
83	85.7	66.9	100.3
85	57.0	43.4	65.0
99	62.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 49.036 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion:	69	Resp:	162142
Ion	Ratio	Lower	Upper
69	100		
41	68.4	56.0	84.0
39	41.4	33.5	50.3

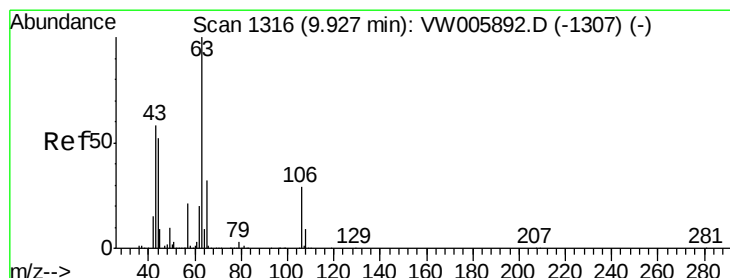
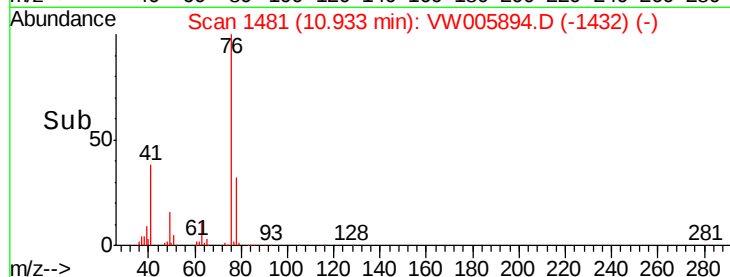
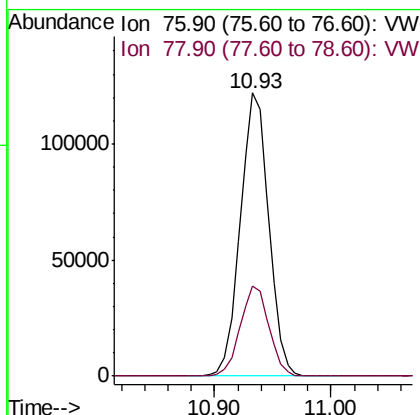
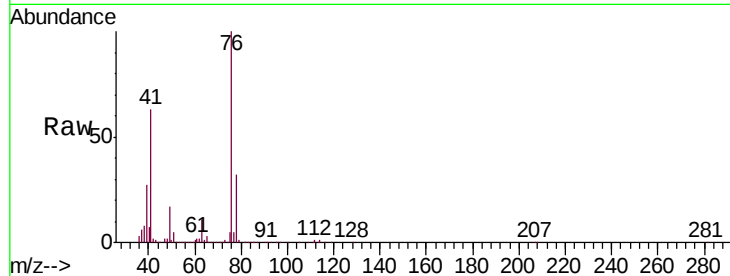




#57
 1,3-Dichloropropane
 Concen: 50.205 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

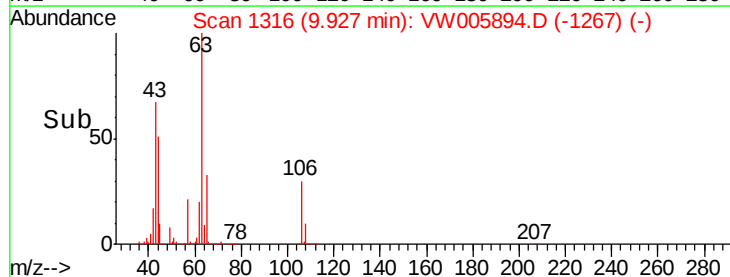
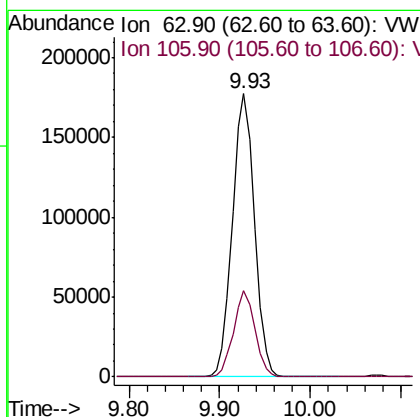
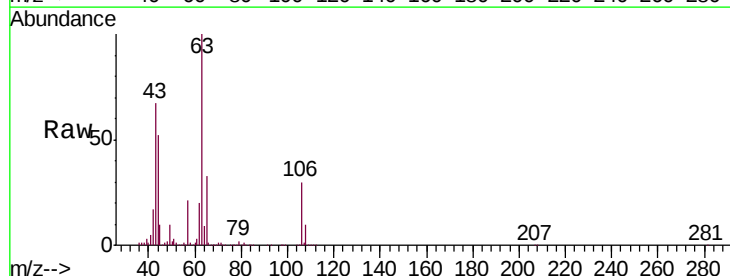
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

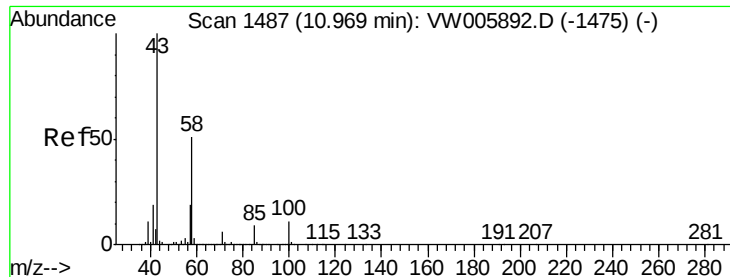
Tgt Ion: 76 Resp: 207206
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 222.966 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion: 63 Resp: 299984
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.6 35.4





#59

2-Hexanone

Concen: 241.006 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

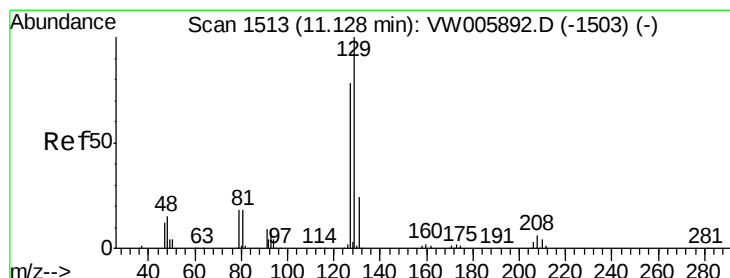
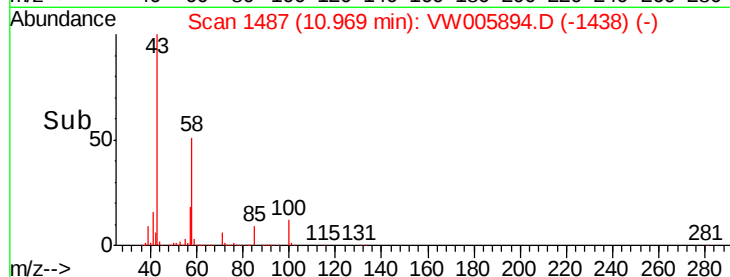
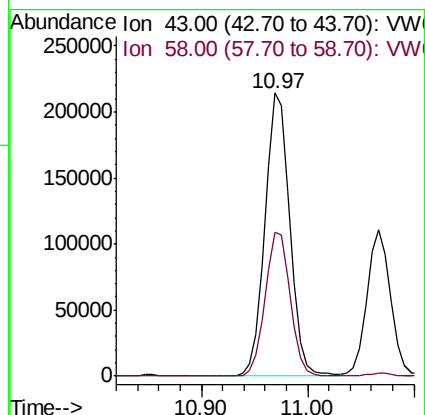
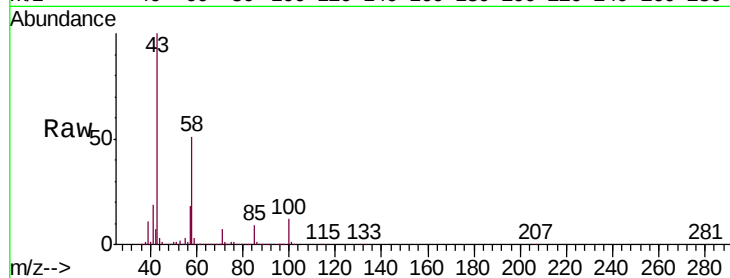
ICVWV100818

Tgt Ion: 43 Resp: 350169

Ion Ratio Lower Upper

43 100

58 51.6 25.7 77.1



#60

Dibromochloromethane

Concen: 49.939 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW005894.D

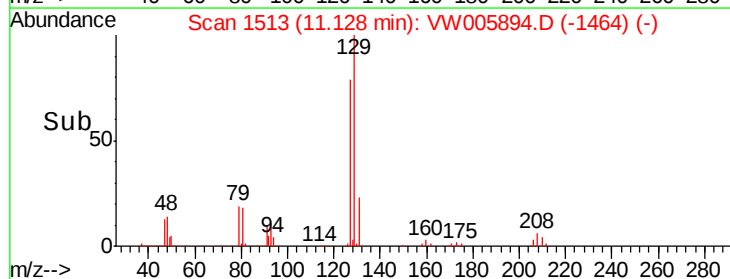
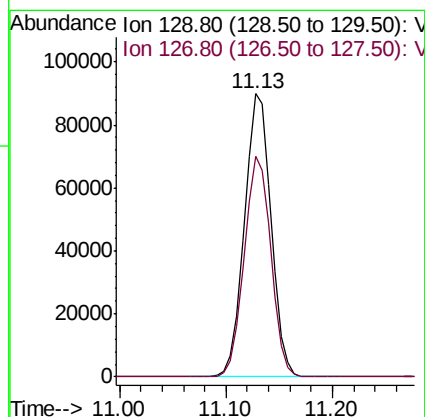
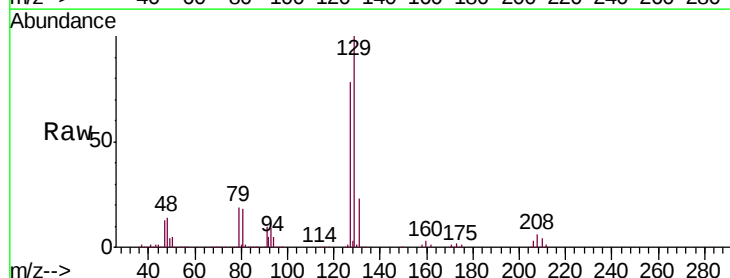
Acq: 08 Oct 2018 14:09

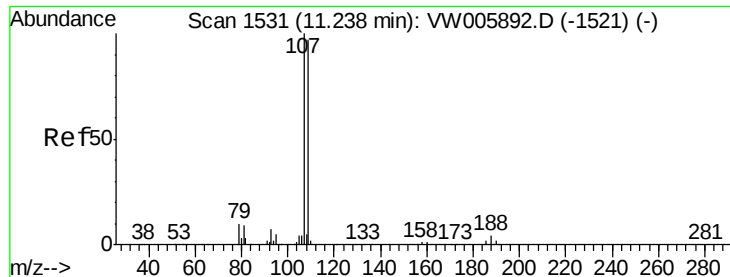
Tgt Ion: 129 Resp: 158099

Ion Ratio Lower Upper

129 100

127 77.9 38.5 115.5

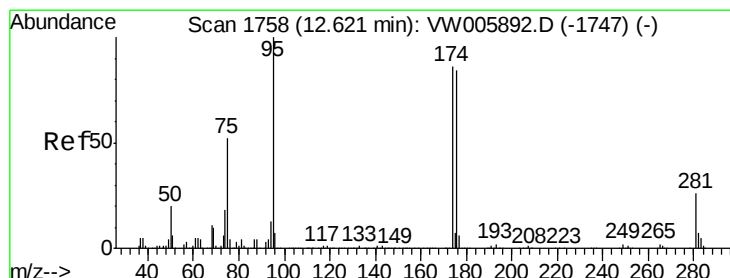
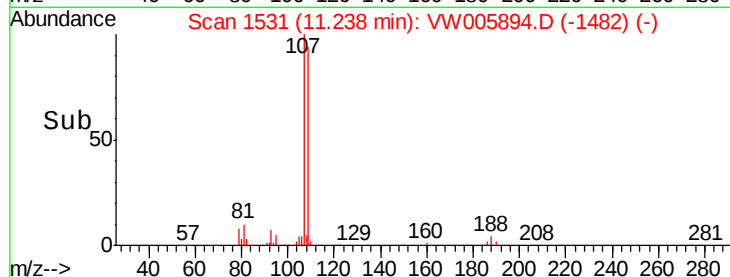
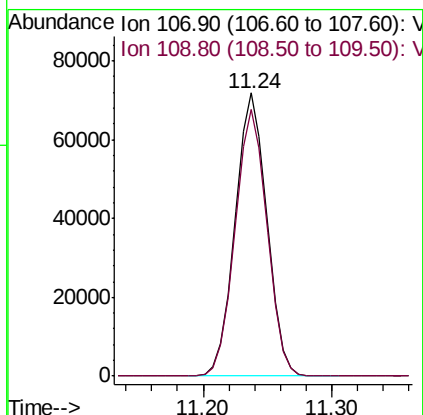
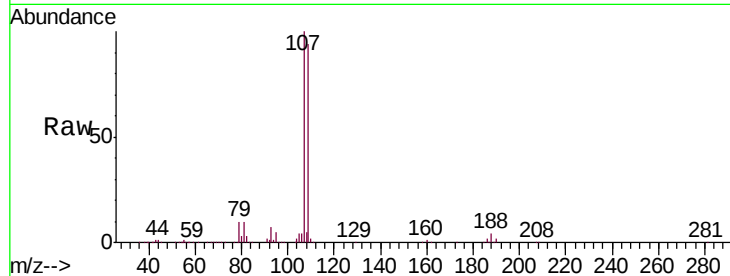




#61
 1,2-Dibromoethane
 Concen: 49.990 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

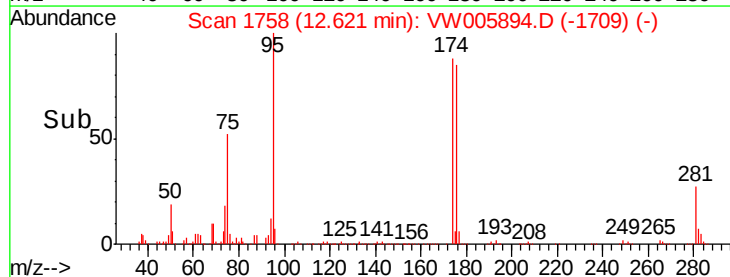
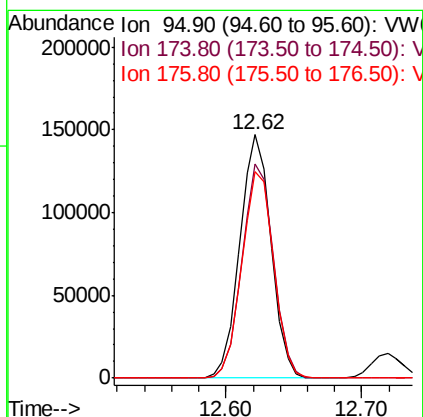
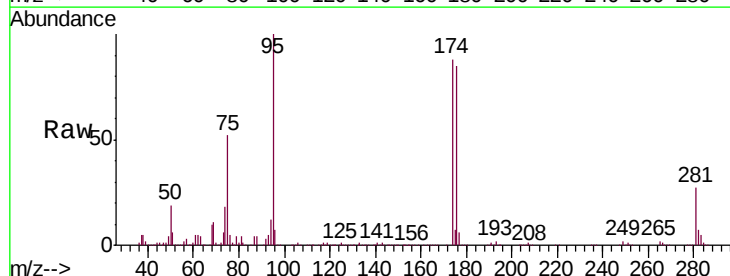
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

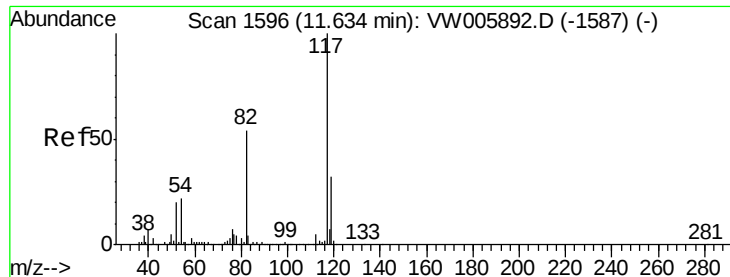
Tgt Ion: 107 Resp: 122550
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 51.351 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion: 95 Resp: 235606
 Ion Ratio Lower Upper
 95 100
 174 88.7 0.0 176.4
 176 86.8 0.0 173.0

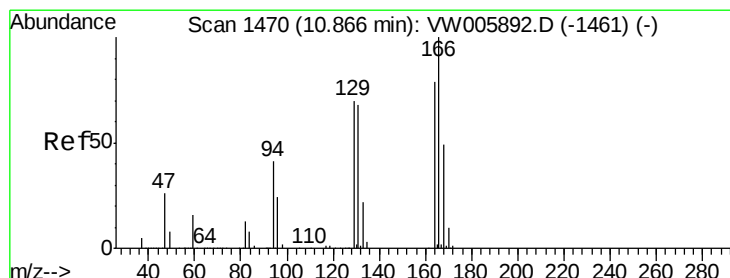
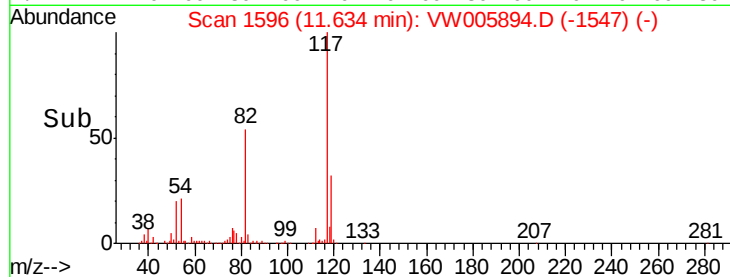
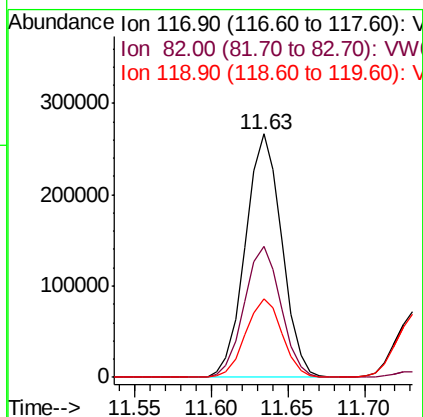
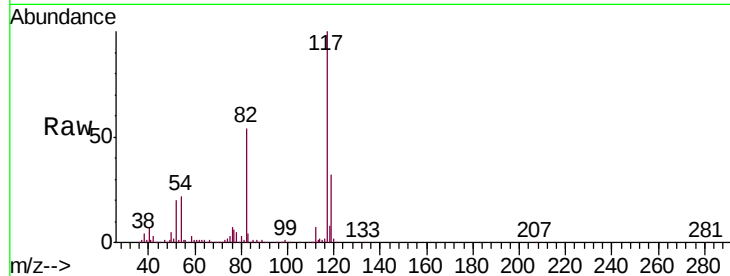




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

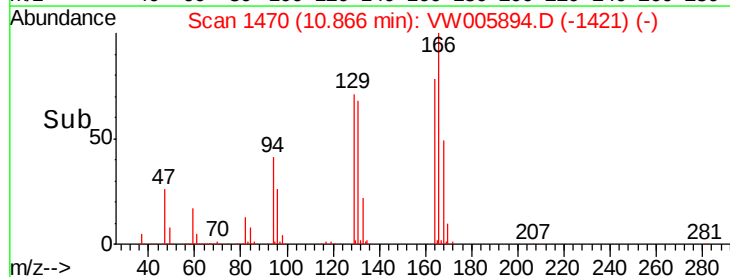
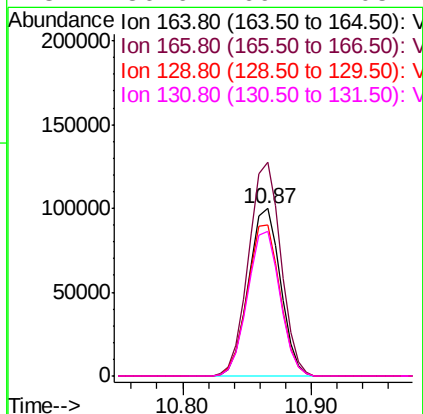
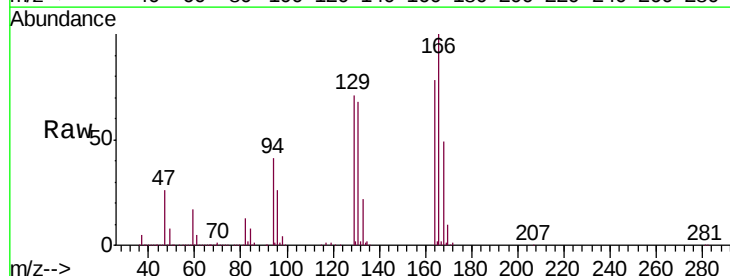
Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

Tgt Ion:117 Resp: 441710
Ion Ratio Lower Upper
117 100
82 53.9 43.5 65.3
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 52.048 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion:164 Resp: 171253
Ion Ratio Lower Upper
164 100
166 127.7 101.5 152.3
129 90.3 71.1 106.7
131 86.6 69.1 103.7

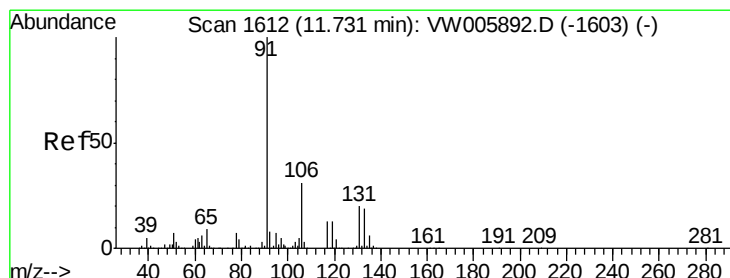
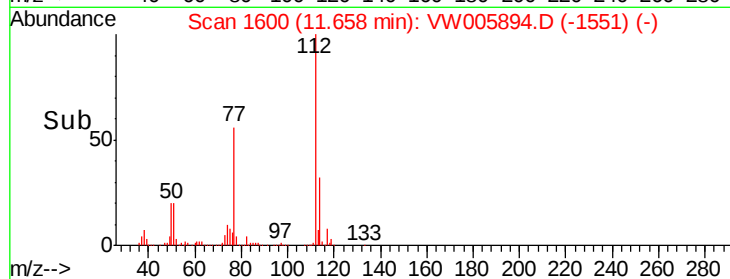
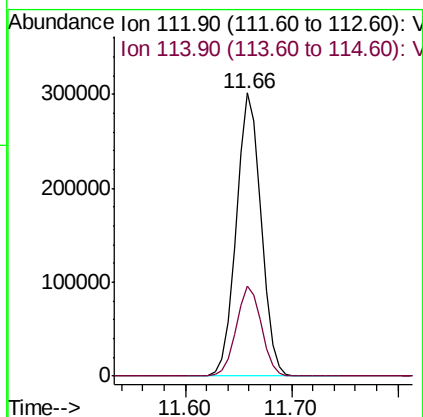
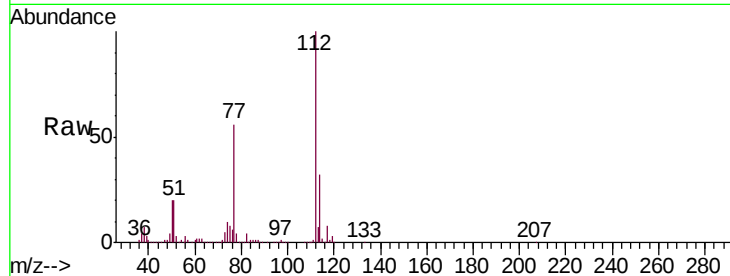




#65
Chlorobenzene
Concen: 52.088 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

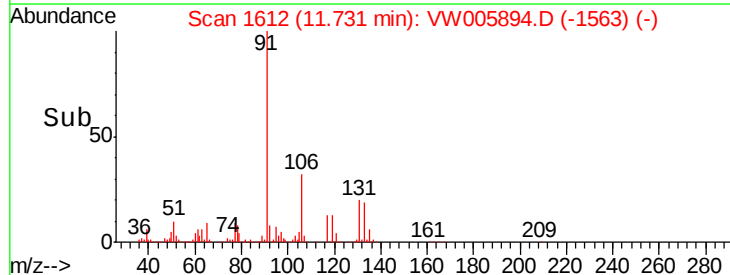
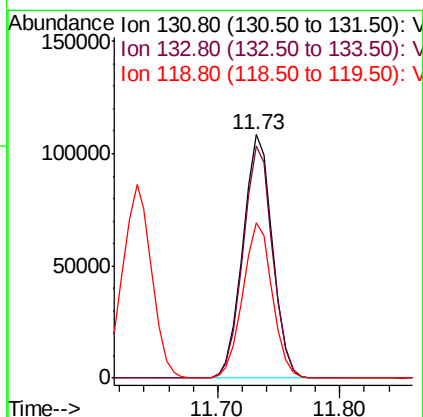
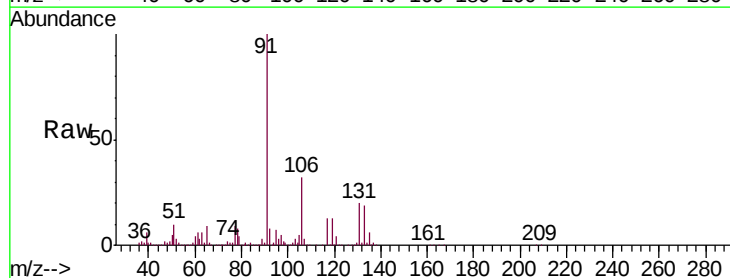
Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

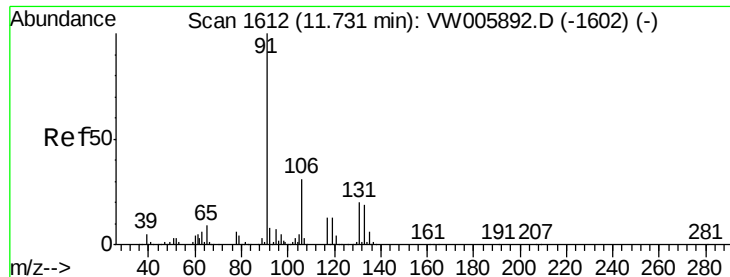
Tgt Ion:112 Resp: 492835
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.528 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion:131 Resp: 182168
Ion Ratio Lower Upper
131 100
133 95.2 48.2 144.6
119 63.5 32.5 97.5

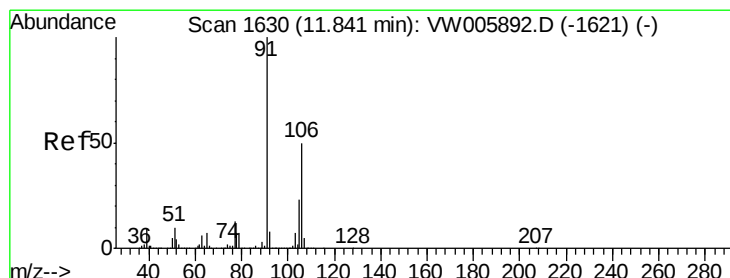
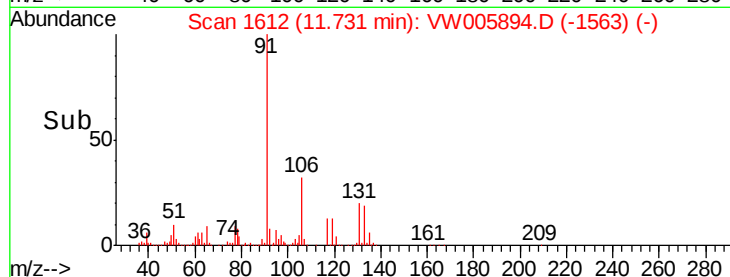
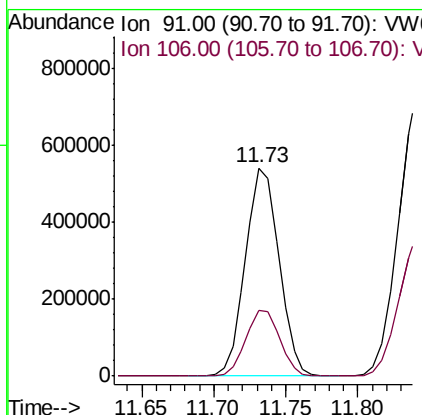
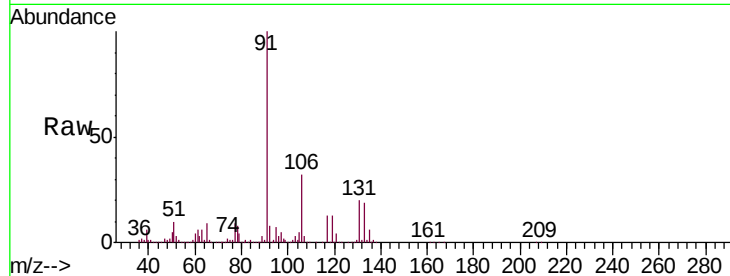




#67
Ethyl Benzene
Concen: 52.432 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

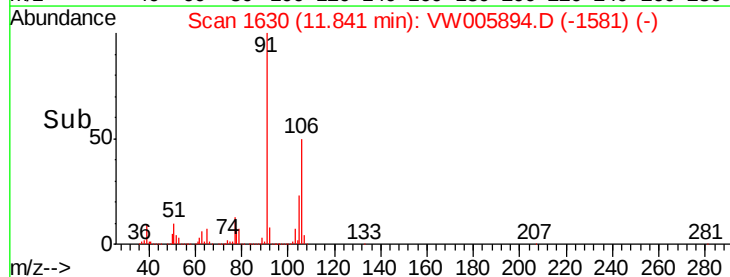
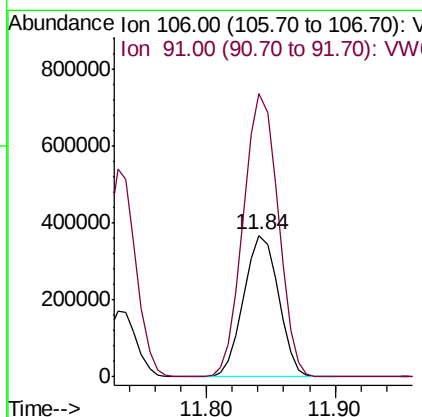
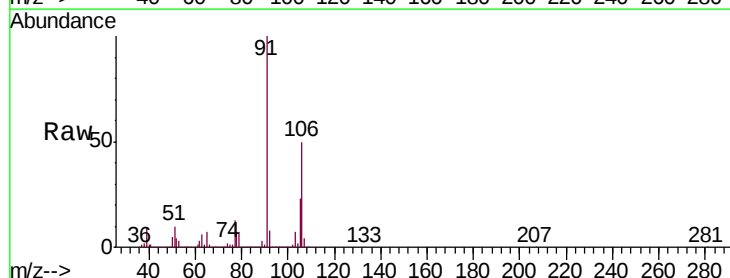
Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

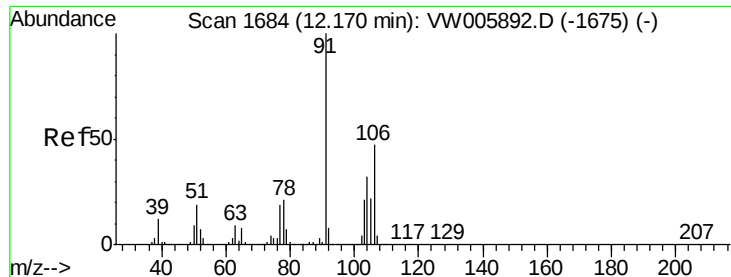
Tgt Ion: 91 Resp: 876240
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.6



#68
m/p-Xylenes
Concen: 105.285 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion: 106 Resp: 687610
Ion Ratio Lower Upper
106 100
91 200.8 160.2 240.2

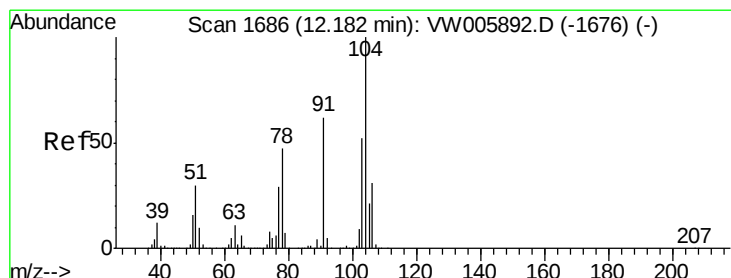
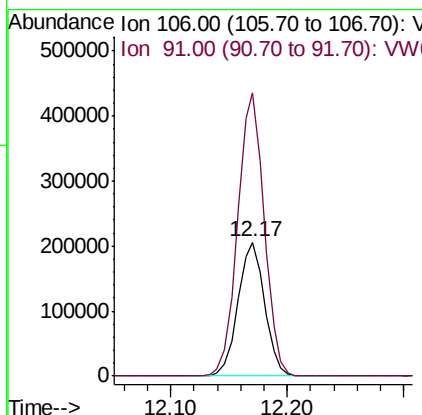
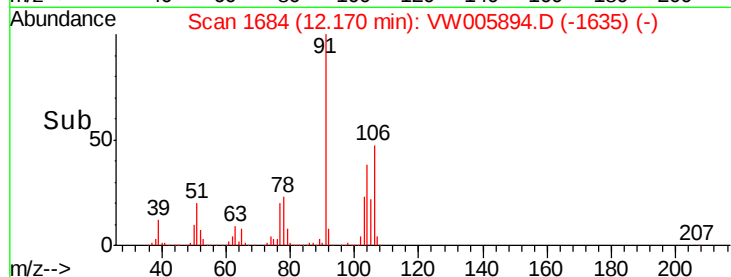
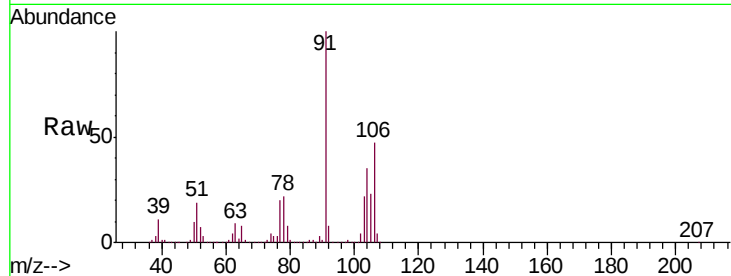




#69
o-Xylene
Concen: 52.283 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

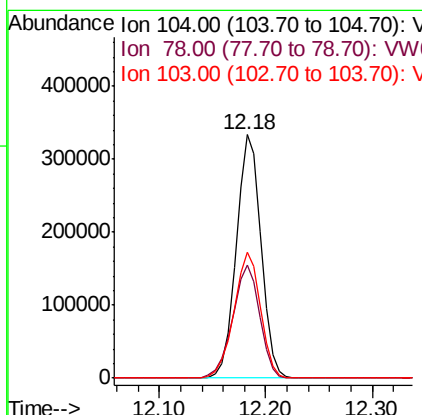
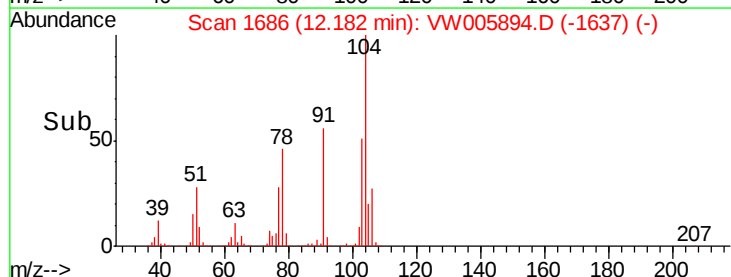
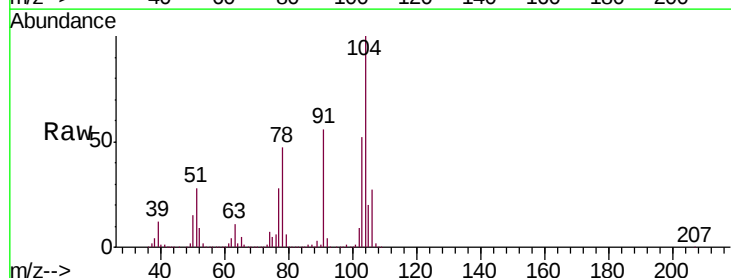
Instrument :
MSVOA_W
ClientSampleId :
ICVW100818

Tgt Ion:106 Resp: 326897
Ion Ratio Lower Upper
106 100
91 211.3 106.2 318.5



#70
Styrene
Concen: 52.335 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion:104 Resp: 542925
Ion Ratio Lower Upper
104 100
78 50.7 40.4 60.6
103 55.4 44.2 66.2

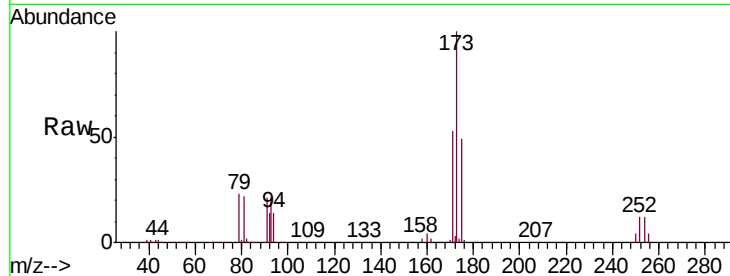




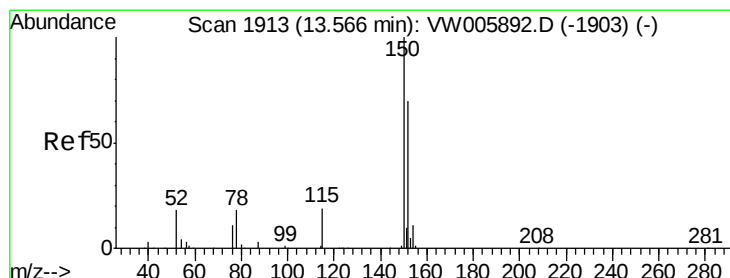
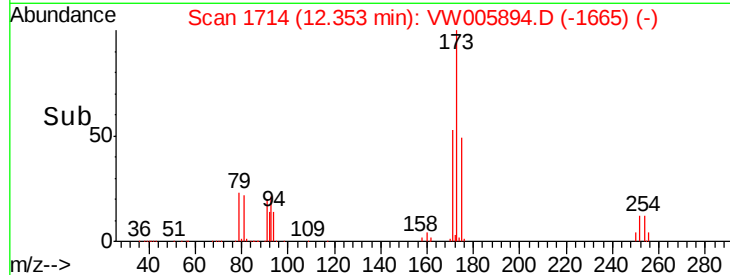
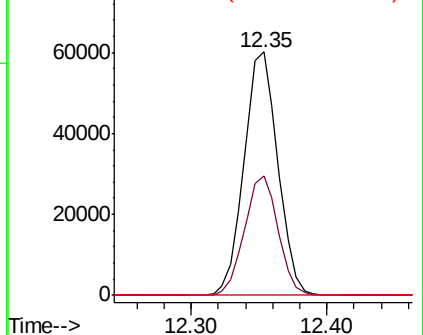
#71
Bromoform
Concen: 50.710 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Instrument :
MSVOA_W
ClientSampleId :
ICVWV100818

Tgt Ion:173 Resp: 104756
Ion Ratio Lower Upper
173 100
175 48.8 24.7 74.1
254 0.2 0.2 0.2

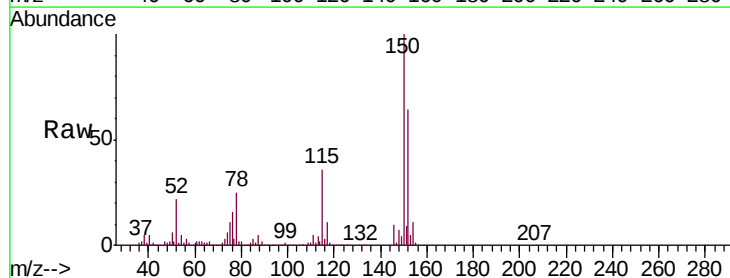


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

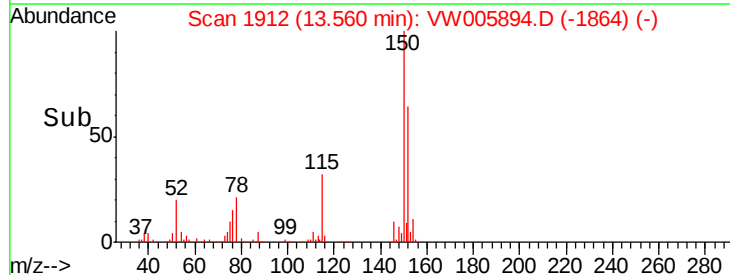
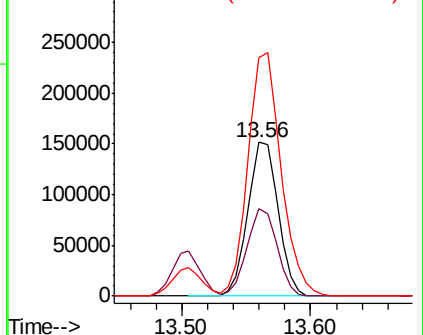


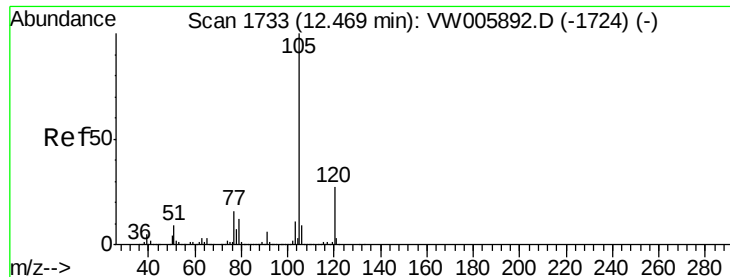
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW005894.D
Acq: 08 Oct 2018 14:09

Tgt Ion:152 Resp: 245058
Ion Ratio Lower Upper
152 100
115 56.2 28.3 85.0
150 173.3 0.0 349.2



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: 51.707 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

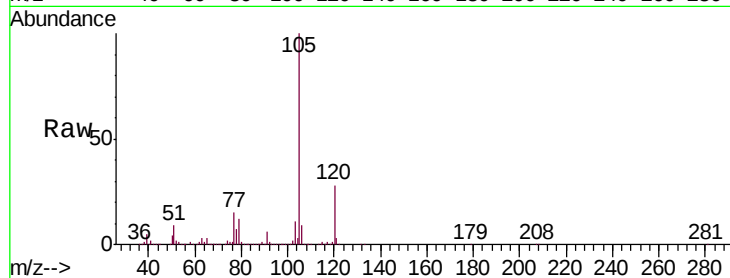
ICVW100818

Tgt Ion: 105 Resp: 925404

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

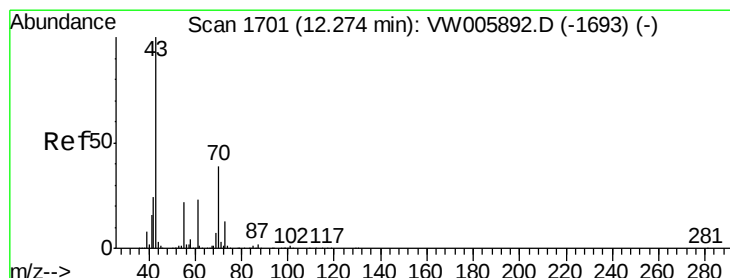
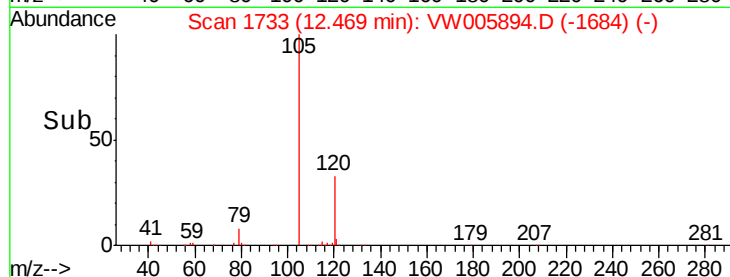
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 48.425 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Tgt Ion: 43 Resp: 205827

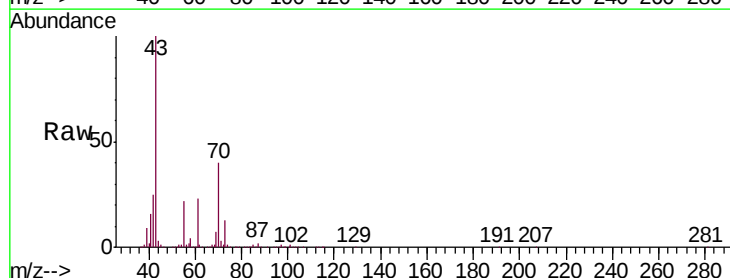
Ion Ratio Lower Upper

43 100

70 40.0 31.6 47.4

55 22.4 17.9 26.9

61 23.5 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

200000

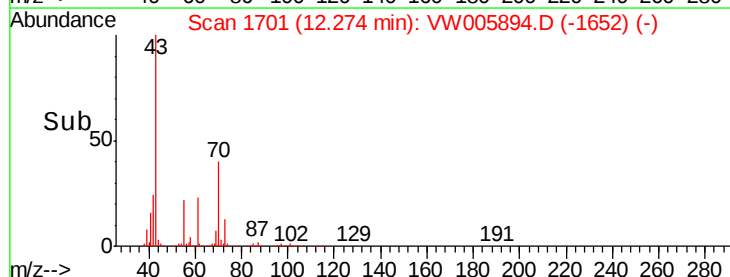
150000

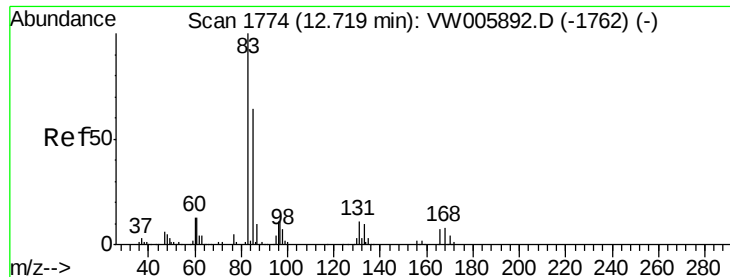
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.430 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100818

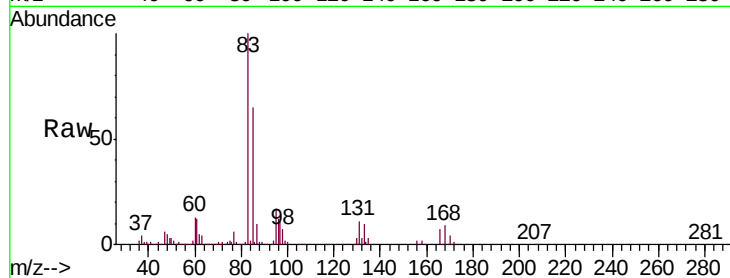
Tgt Ion: 83 Resp: 142065

Ion Ratio Lower Upper

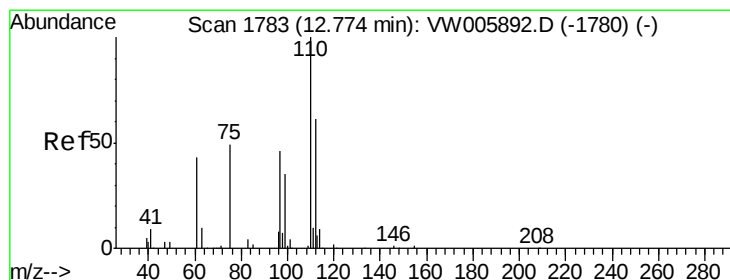
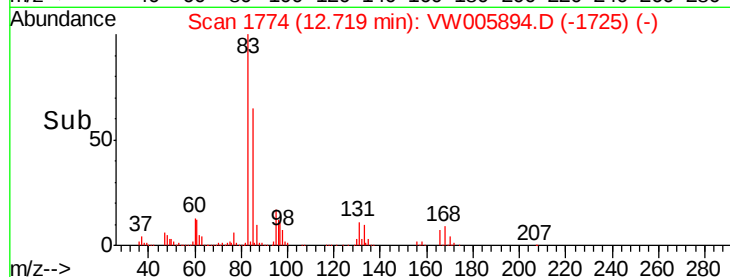
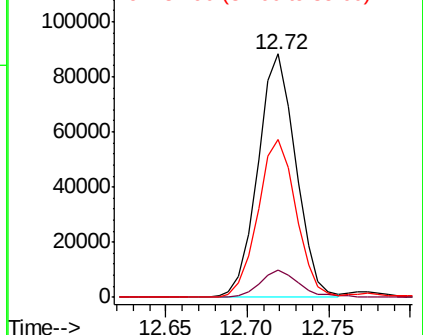
83 100

131 11.7 5.8 17.3

85 65.2 32.4 97.0



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



#76

1,2,3-Trichloropropane

Concen: 90.669 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005894.D

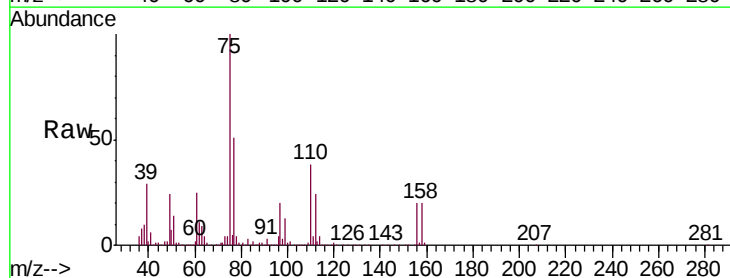
Acq: 08 Oct 2018 14:09

Tgt Ion: 75 Resp: 198479

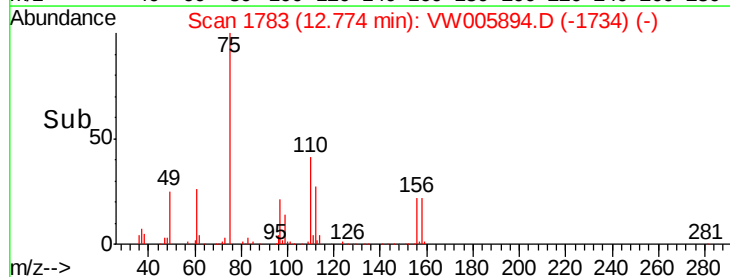
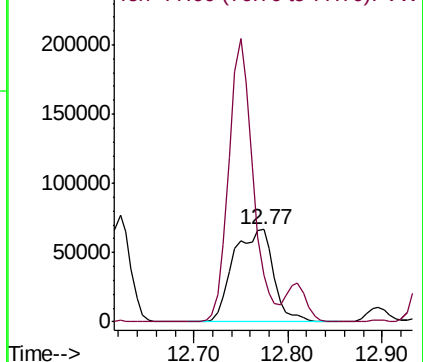
Ion Ratio Lower Upper

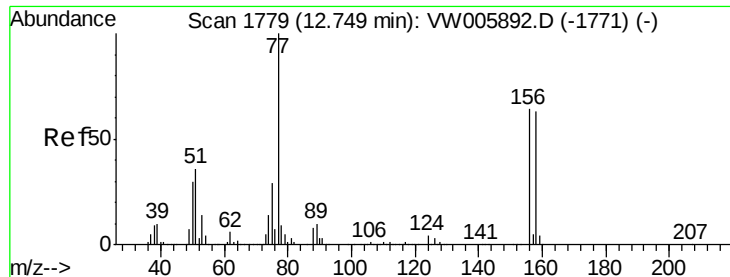
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VWV
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.470 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100818

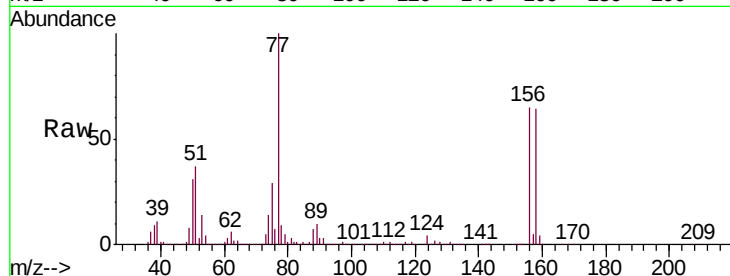
Tgt Ion:156 Resp: 218239

Ion Ratio Lower Upper

156 100

77 169.6 85.8 257.4

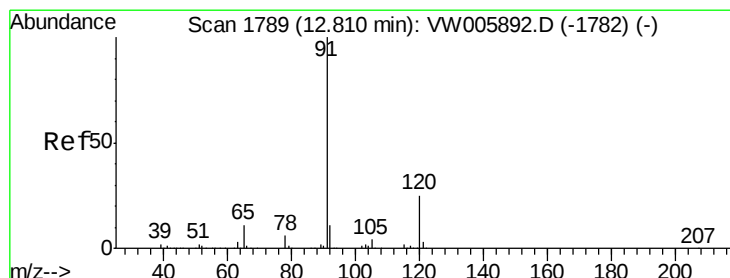
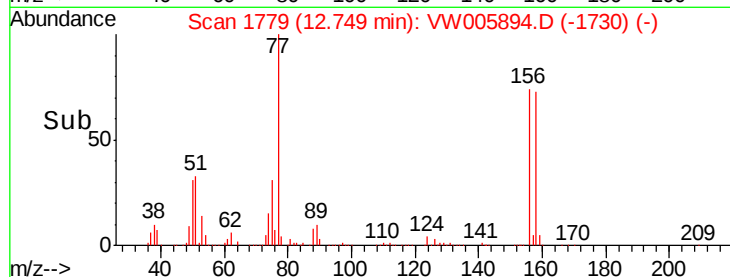
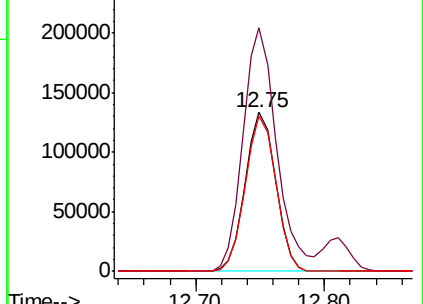
158 98.0 49.1 147.4



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: 51.791 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW005894.D

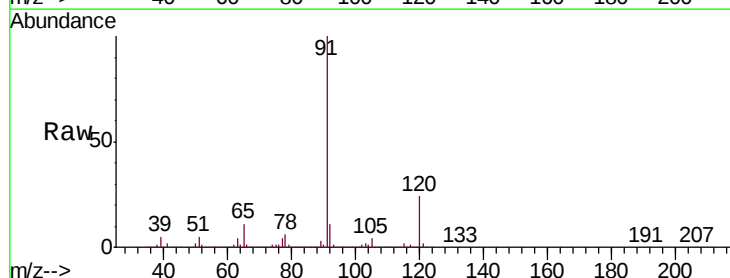
Acq: 08 Oct 2018 14:09

Tgt Ion: 91 Resp: 1090355

Ion Ratio Lower Upper

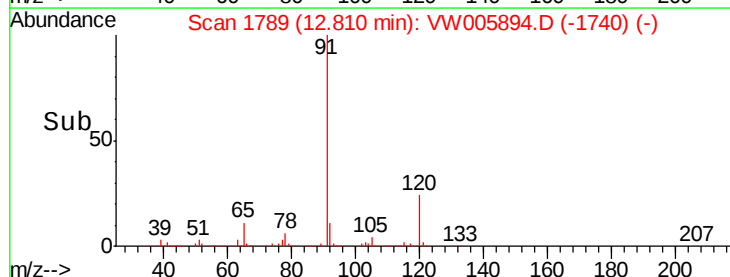
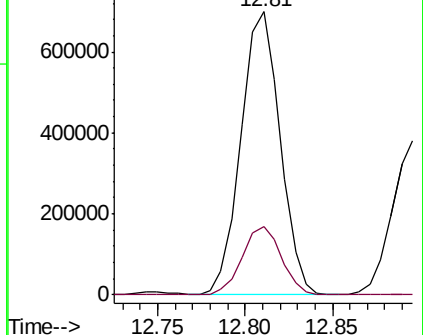
91 100

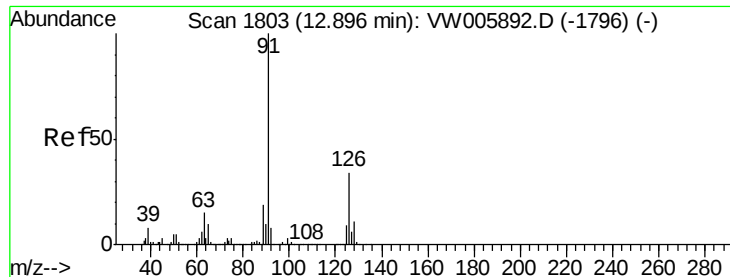
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.387 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

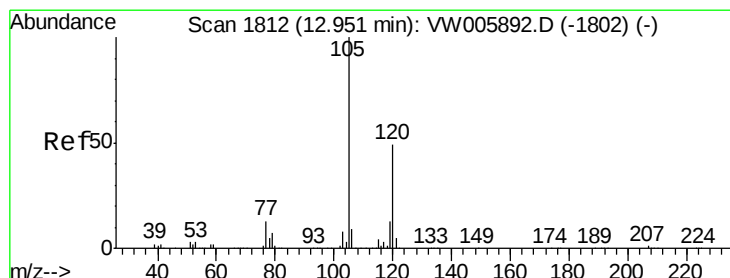
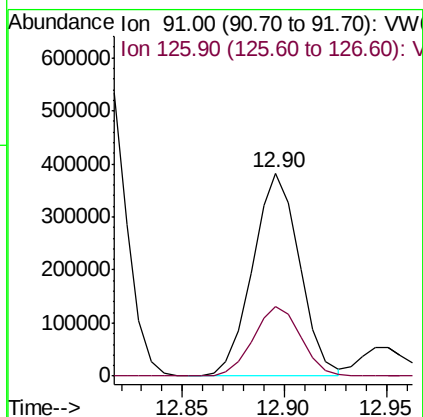
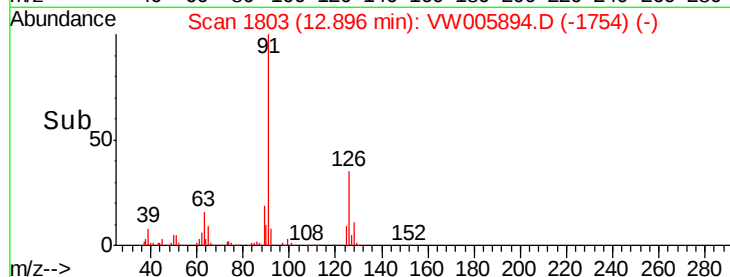
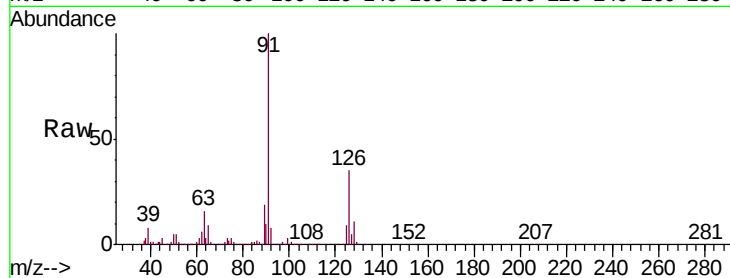
ICVWV100818

Tgt Ion: 91 Resp: 610704

Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 51.857 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005894.D

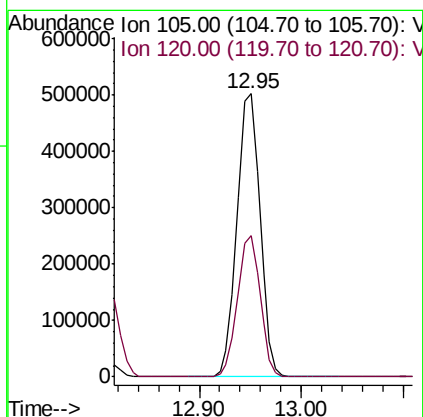
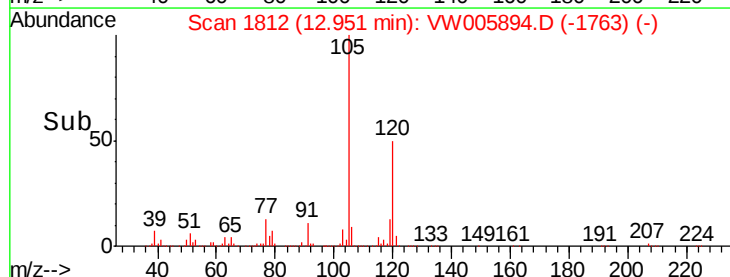
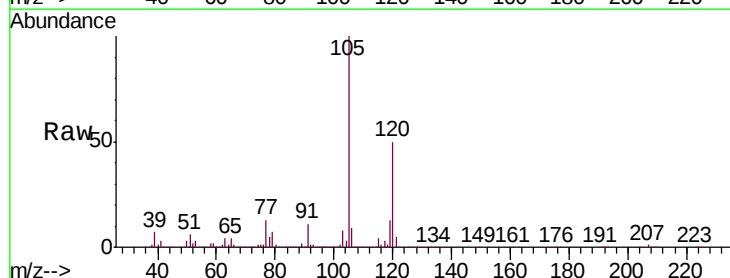
Acq: 08 Oct 2018 14:09

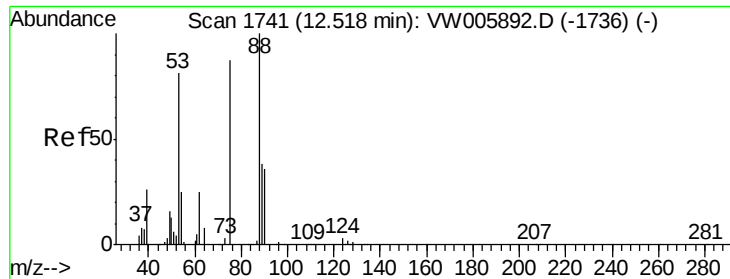
Tgt Ion: 105 Resp: 783538

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.450 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100818

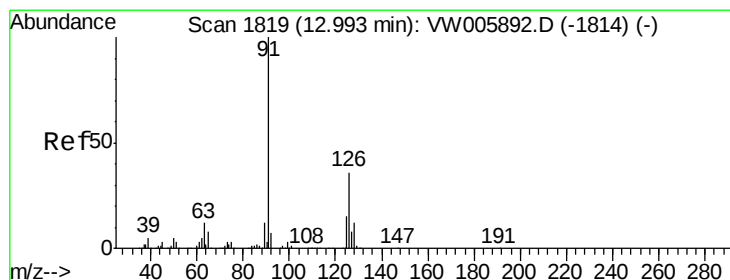
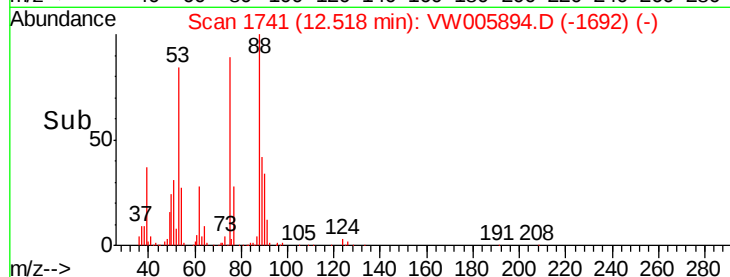
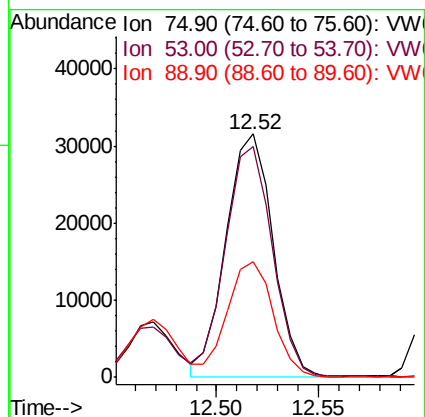
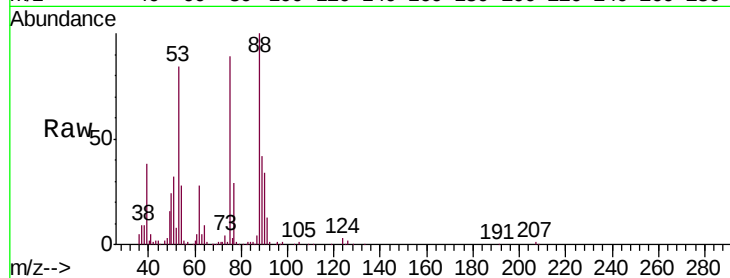
Tgt Ion: 75 Resp: 50239

Ion Ratio Lower Upper

75 100

53 95.7 76.5 114.7

89 47.4 37.6 56.4



#82

4-Chlorotoluene

Concen: 51.756 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW005894.D

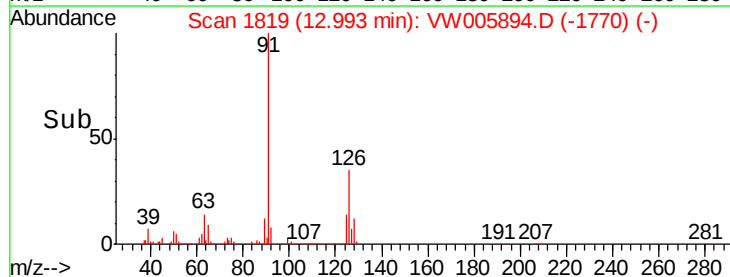
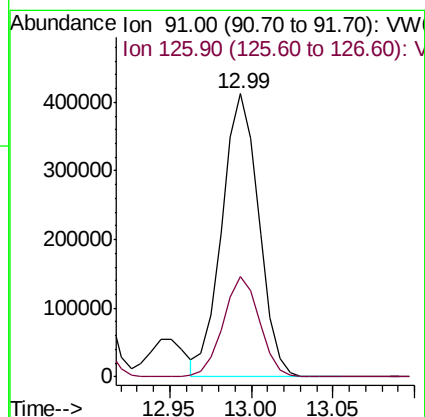
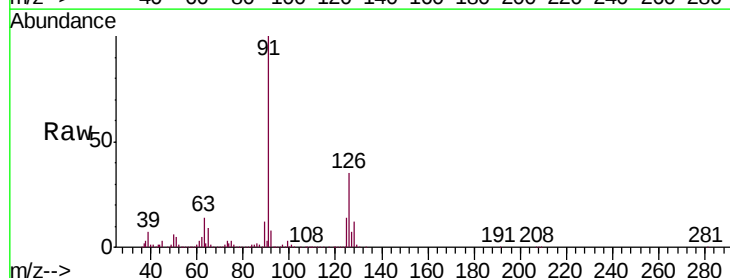
Acq: 08 Oct 2018 14:09

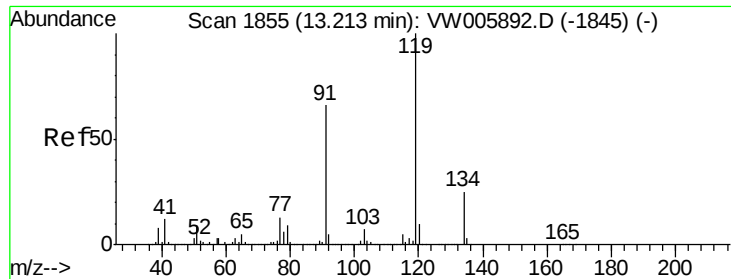
Tgt Ion: 91 Resp: 647153

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.2

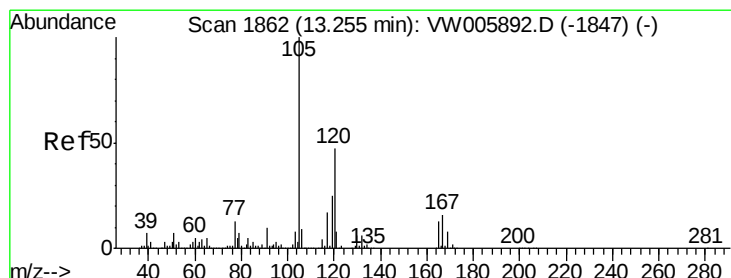
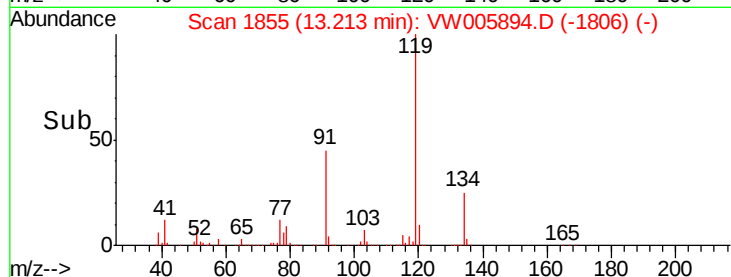
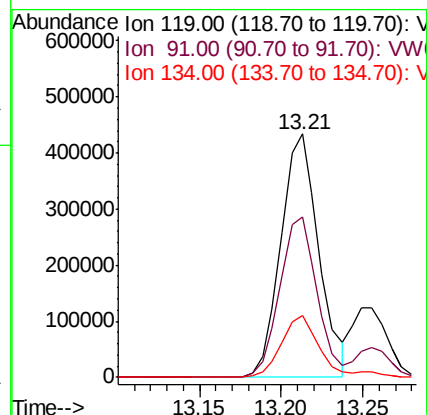
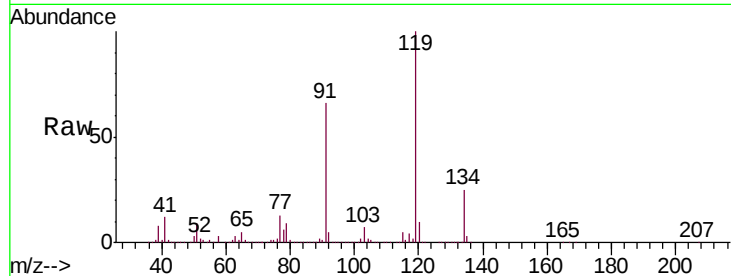




#83
 tert-Butylbenzene
 Concen: 52.284 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

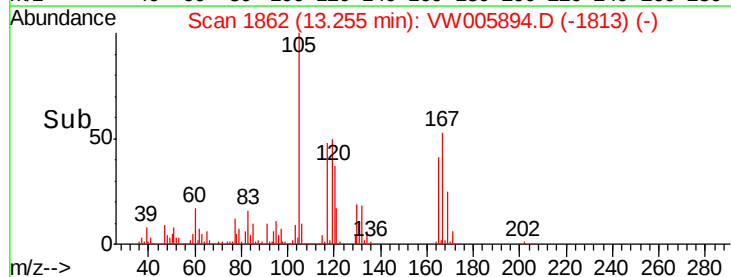
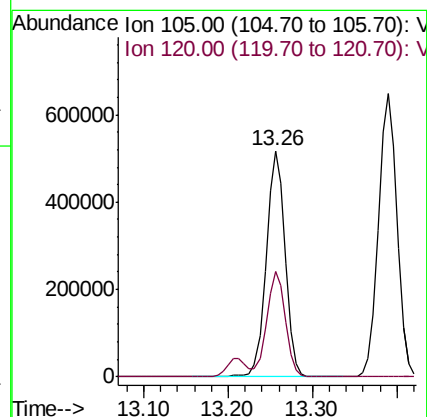
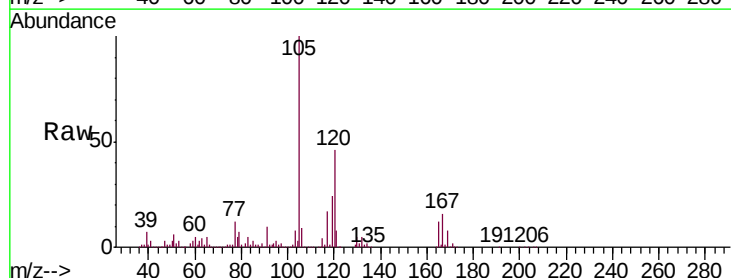
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

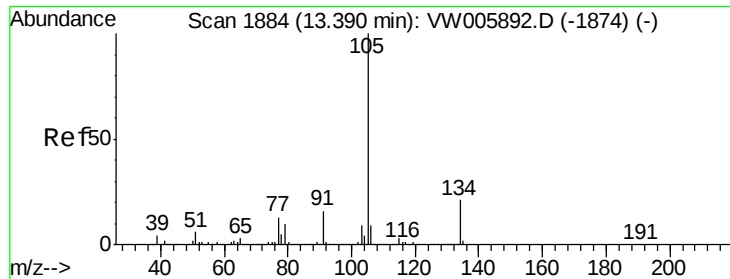
Tgt Ion:119 Resp: 702638
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.4 97.0
 134 24.7 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 52.088 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion:105 Resp: 793887
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.8 68.3

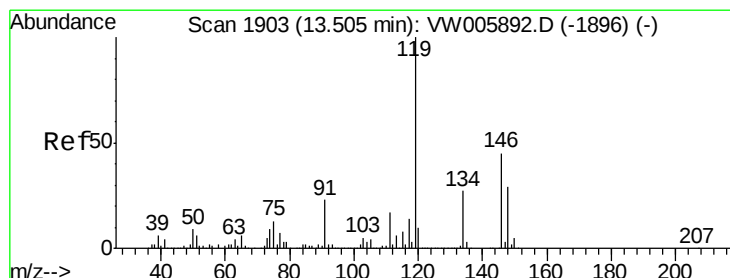
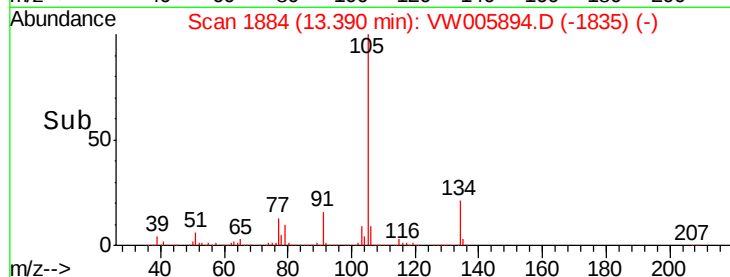
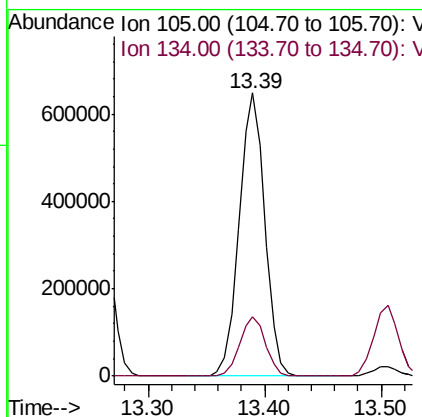
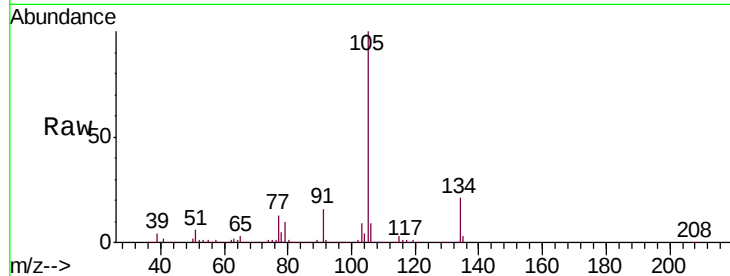




#85
 sec-Butylbenzene
 Concen: 52.526 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

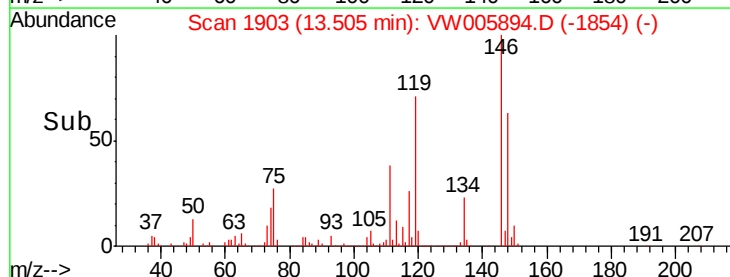
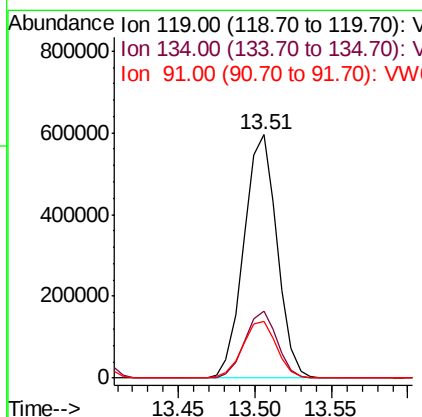
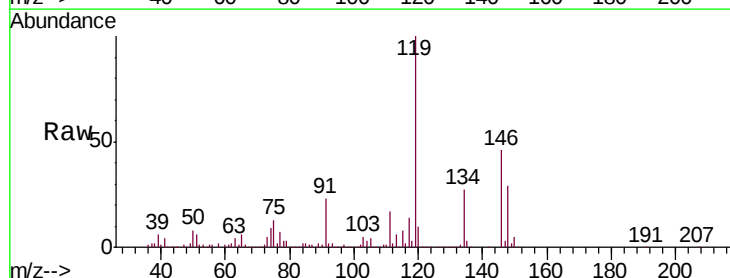
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

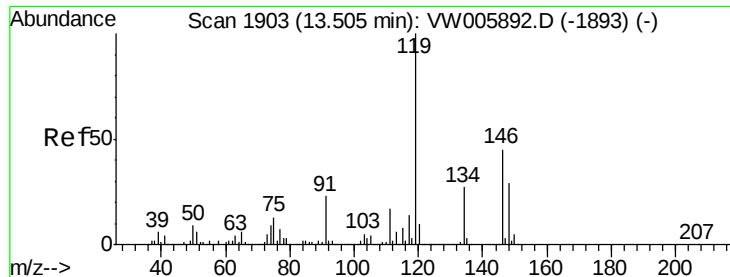
Tgt Ion:105 Resp: 990837
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 52.716 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion:119 Resp: 894272
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.5 40.5
 91 23.7 11.9 35.5

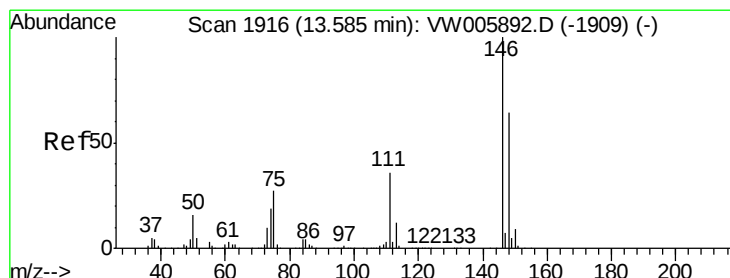
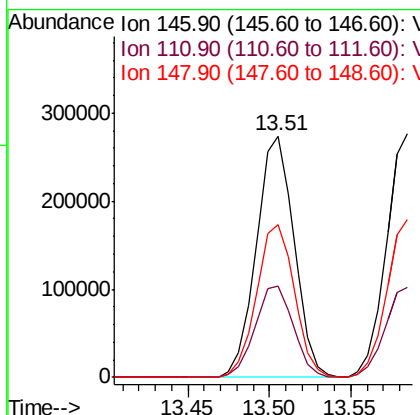
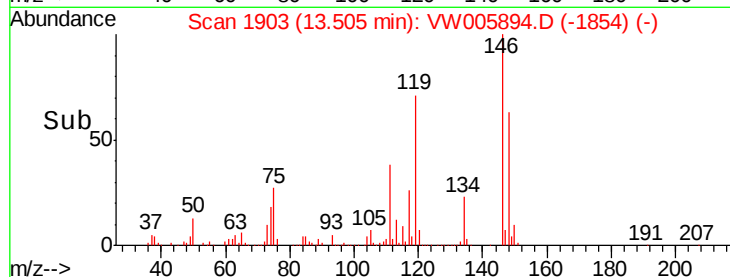
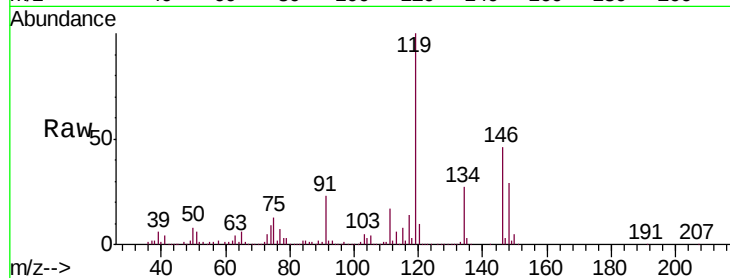




#87
 1,3-Dichlorobenzene
 Concen: 52.480 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

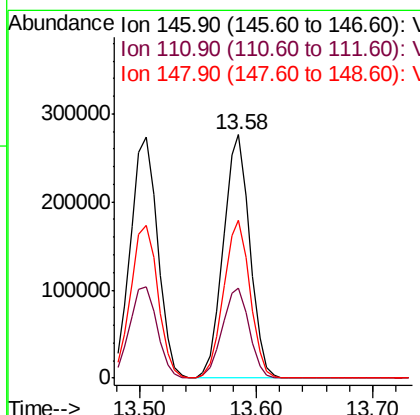
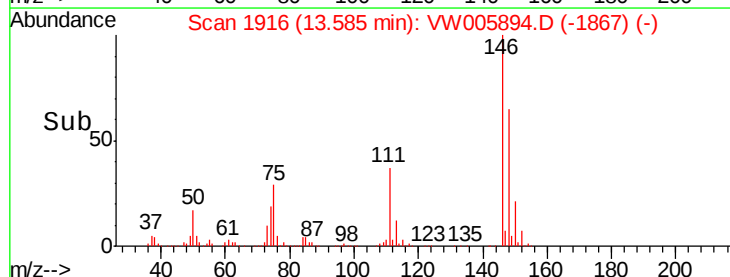
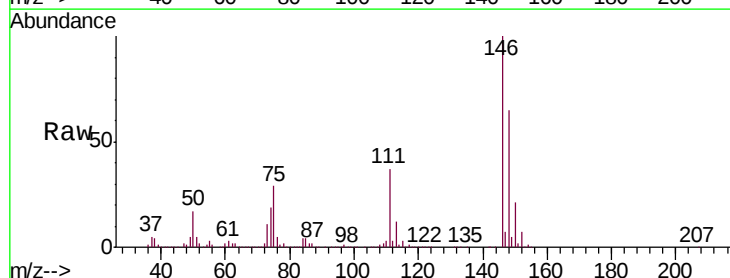
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

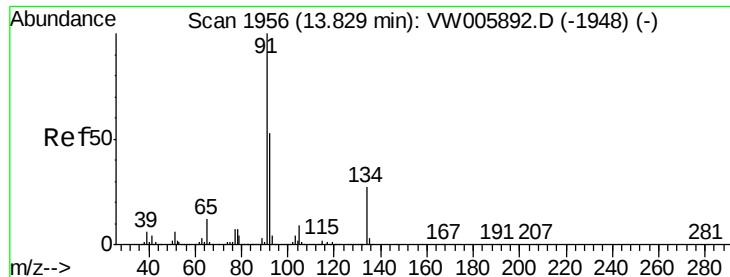
Tgt Ion:146 Resp: 442081
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.5 58.5
 148 63.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 51.876 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion:146 Resp: 434242
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.0 57.0
 148 64.5 32.0 96.2





#89

n-Butylbenzene

Concen: 52.963 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVWV100818

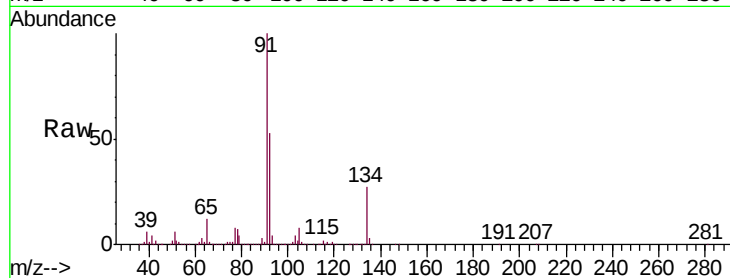
Tgt Ion: 91 Resp: 846914

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.8

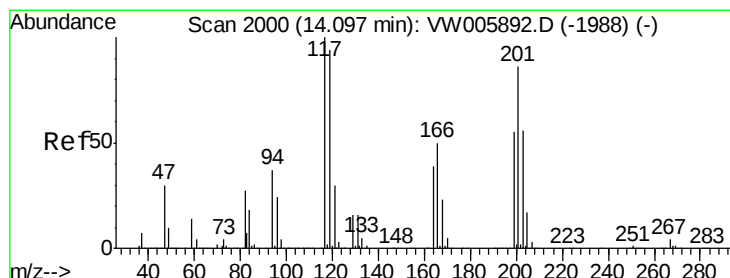
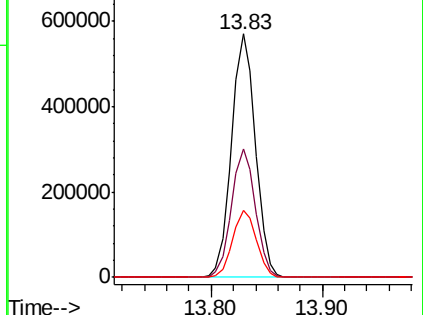
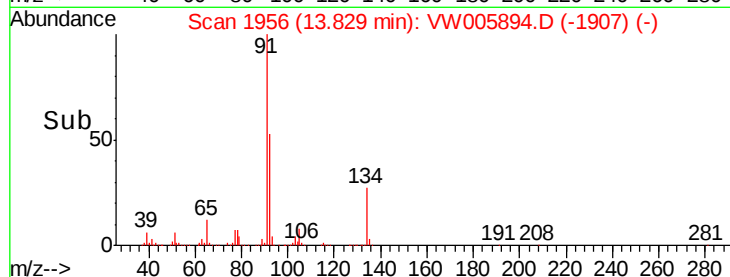
134 27.3 13.8 41.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 52.168 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW005894.D

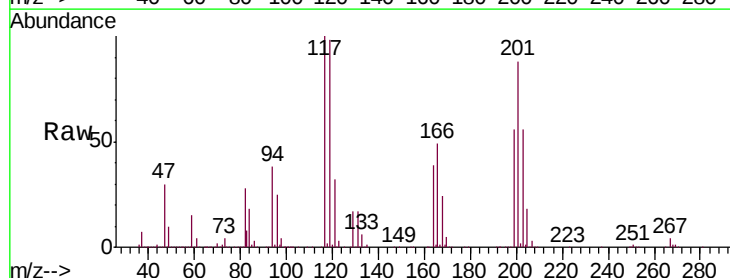
Acq: 08 Oct 2018 14:09

Tgt Ion: 117 Resp: 166444

Ion Ratio Lower Upper

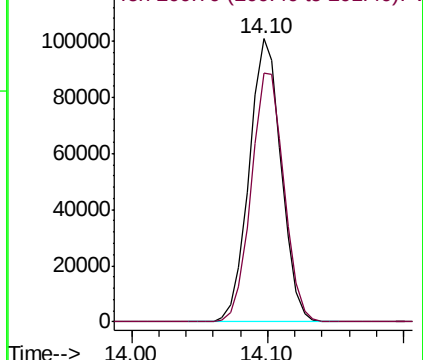
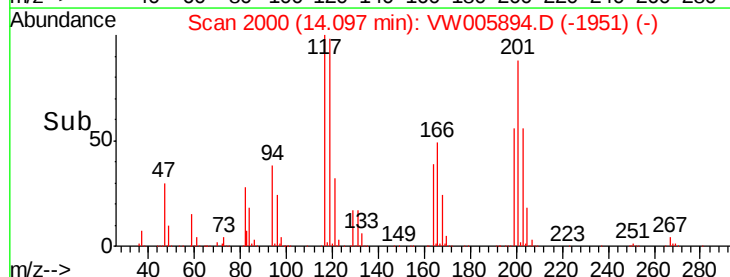
117 100

201 89.8 44.5 133.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

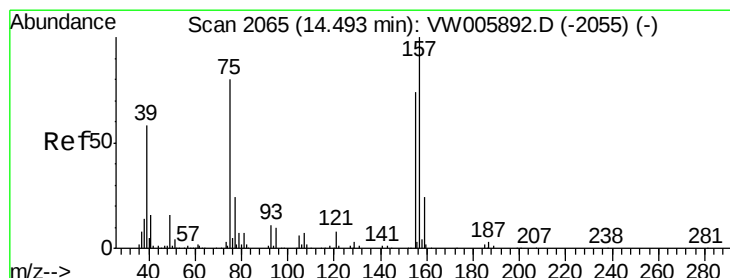
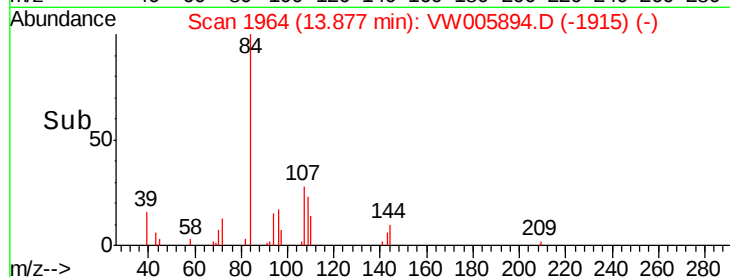
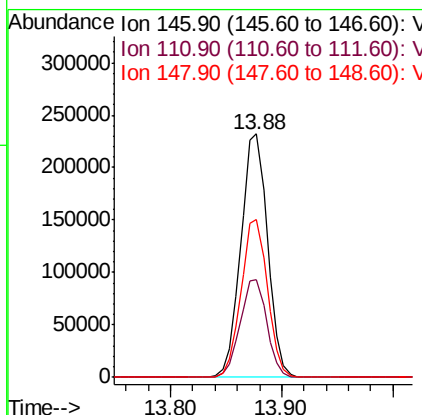
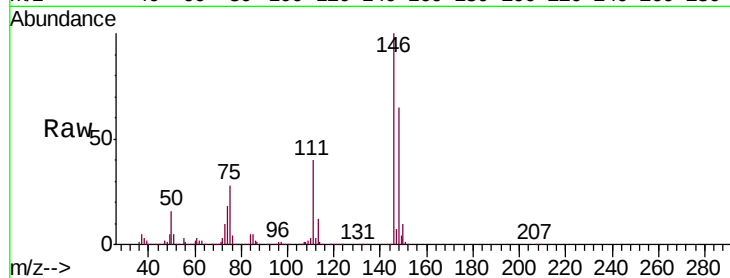




#91
 1,2-Dichlorobenzene
 Concen: 51.610 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

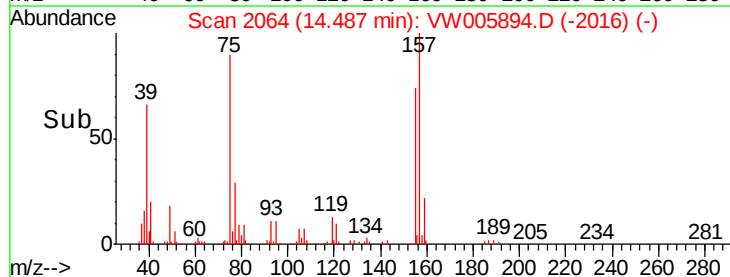
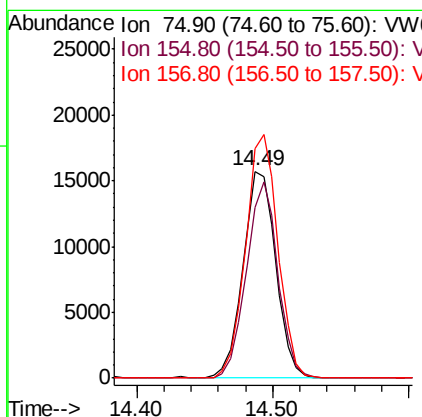
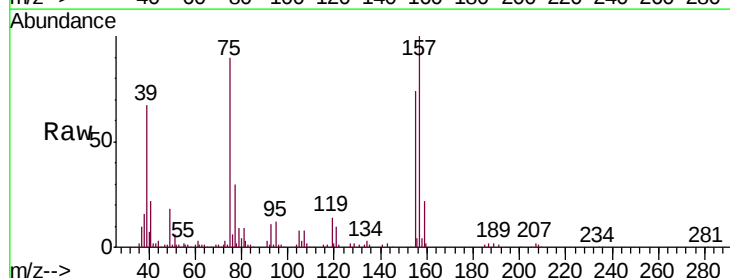
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

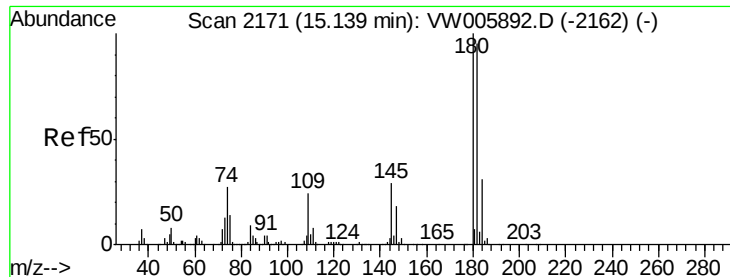
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	61.0
148	64.3	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.640 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.2	44.8	134.3
157	115.9	58.9	176.6

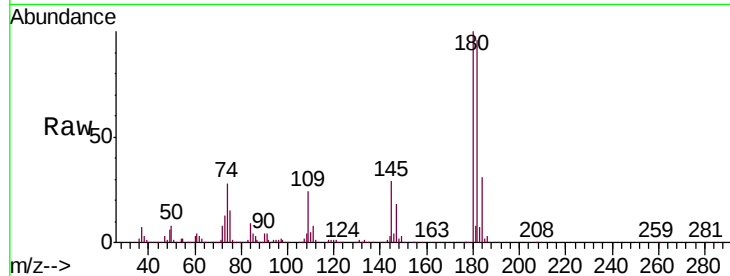




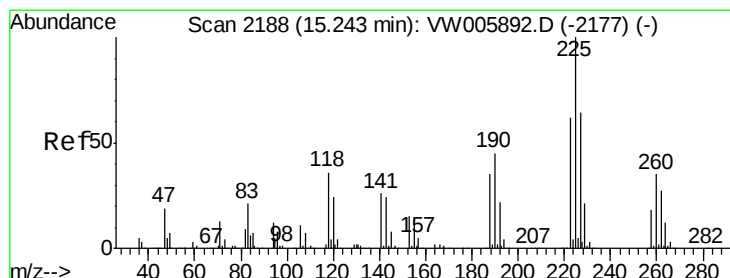
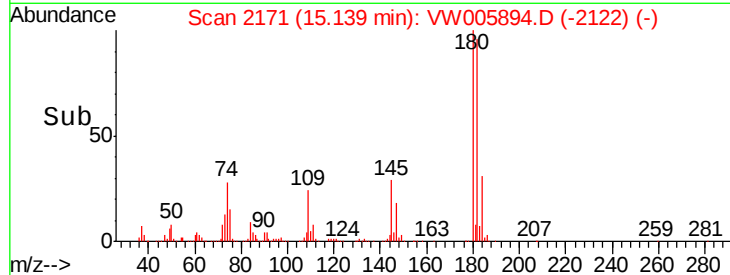
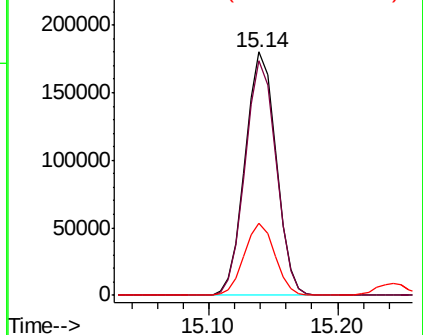
#93
 1,2,4-Trichlorobenzene
 Concen: 51.586 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW100818

Tgt Ion:180 Resp: 299143
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.8 143.3
 145 29.3 14.5 43.6

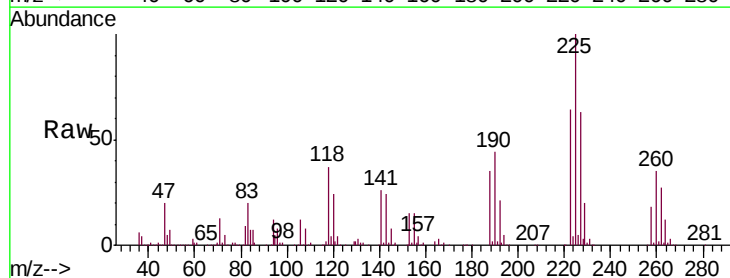


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

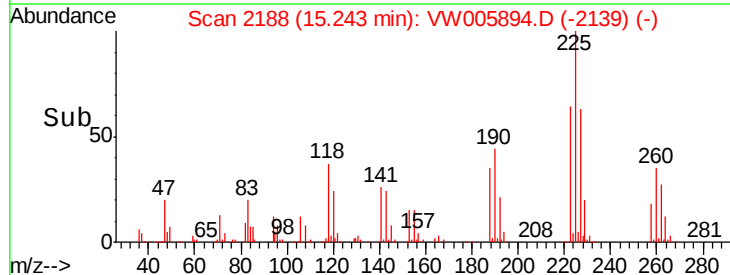
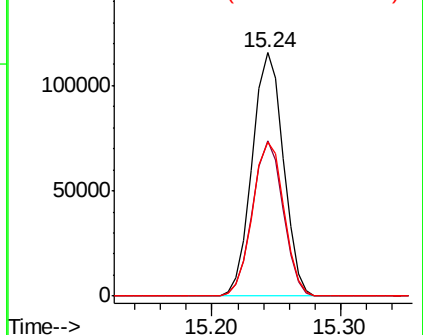


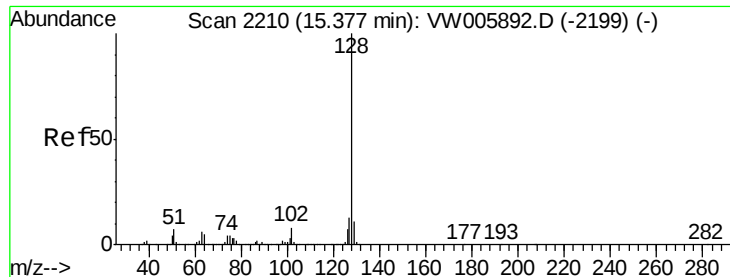
#94
 Hexachlorobutadiene
 Concen: 53.340 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005894.D
 Acq: 08 Oct 2018 14:09

Tgt Ion:225 Resp: 193068
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.2 93.6
 227 64.0 31.9 95.9



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: 50.781 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

Instrument :

MSVOA_W

ClientSampleId :

ICVW100818

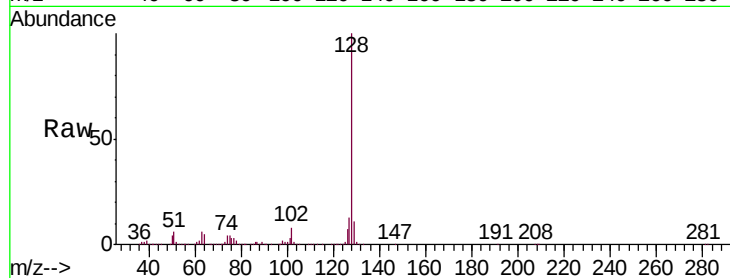
Tgt Ion:128 Resp: 507581

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

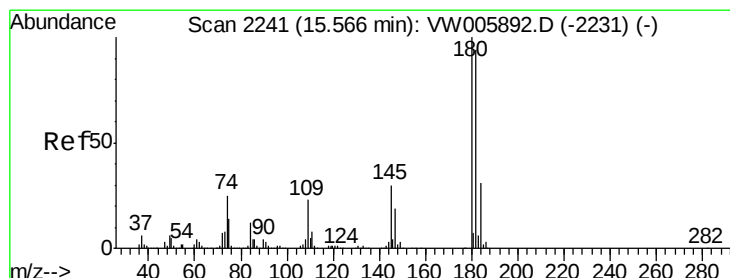
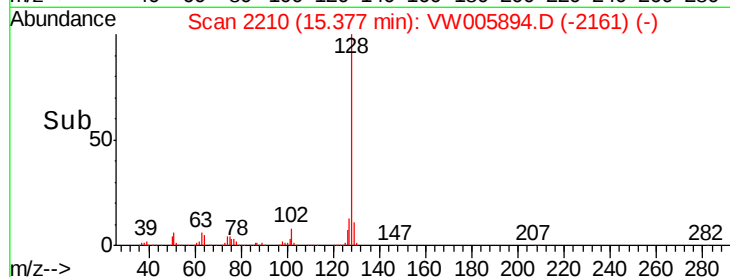
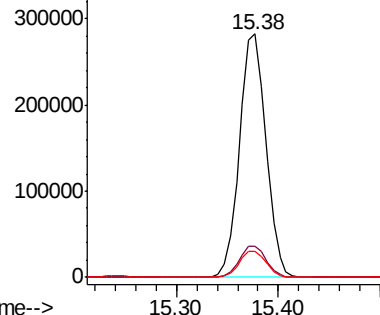
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.624 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW005894.D

Acq: 08 Oct 2018 14:09

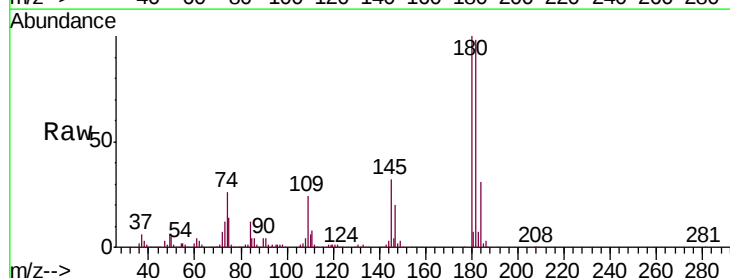
Tgt Ion:180 Resp: 259214

Ion Ratio Lower Upper

180 100

182 95.9 47.6 142.8

145 31.1 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

