

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004243.D
 Acq On : 26 Jul 2018 23:45
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 07:36:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	379433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192099	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	158413	57.95	ug/l	0.00
Spiked Amount			Recovery	=	115.90%	
35) Dibromofluoromethane	7.88	113	139939	57.48	ug/l	0.00
Spiked Amount			Recovery	=	114.96%	
50) Toluene-d8	10.33	98	540333	57.20	ug/l	0.00
Spiked Amount			Recovery	=	114.40%	
62) 4-Bromofluorobenzene	12.62	95	197436	57.96	ug/l	0.00
Spiked Amount			Recovery	=	115.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	49461	36.017	ug/l	98
3) Chloromethane	2.21	50	92415	51.127	ug/l	98
4) Vinyl Chloride	2.36	62	122801	49.392	ug/l	97
5) Bromomethane	2.77	94	73439	47.259	ug/l	98
6) Chloroethane	2.92	64	69431	49.151	ug/l	92
7) Trichlorofluoromethane	3.25	101	50505	48.386	ug/l	94
8) Diethyl Ether	3.67	74	71655	59.141	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	121992	50.649	ug/l	98
10) Methyl Iodide	4.26	142	174786	50.526	ug/l	99
11) Tert butyl alcohol	5.18	59	52020	275.675	ug/l	100
12) 1,1-Dichloroethene	4.03	96	120292	50.616	ug/l	98
13) Acrolein	3.88	56	49837	257.039	ug/l	100
14) Allyl chloride	4.65	41	212228	54.101	ug/l	97
15) Acrylonitrile	5.37	53	181598	292.500	ug/l	100
16) Acetone	4.12	43	158862	241.852	ug/l	99
17) Carbon Disulfide	4.37	76	380694	51.320	ug/l	100
18) Methyl Acetate	4.67	43	98927	62.742	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	255102	56.008	ug/l	99
20) Methylene Chloride	4.90	84	144468	49.782	ug/l	100
21) trans-1,2-Dichloroethene	5.41	96	138776	53.271	ug/l	98
22) Diisopropyl ether	6.31	45	459896	58.008	ug/l	98
23) Vinyl Acetate	6.25	43	1418103	282.302	ug/l	99
24) 1,1-Dichloroethane	6.21	63	261195	53.994	ug/l	100
25) 2-Butanone	7.17	43	244903	277.059	ug/l	99
26) 2,2-Dichloropropane	7.17	77	127199	45.807	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	148988	52.905	ug/l	99
28) Bromochloromethane	7.51	49	108012	54.560	ug/l	99
29) Tetrahydrofuran	7.53	42	164960	299.598	ug/l	98
30) Chloroform	7.67	83	263844	54.833	ug/l	99
31) Cyclohexane	7.95	56	218102	48.097	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	194921	51.875	ug/l	99
36) 1,1-Dichloropropene	8.08	75	201403	51.591	ug/l	100
37) Ethyl Acetate	7.26	43	109091	57.936	ug/l	100
38) Carbon Tetrachloride	8.07	117	187214	51.324	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	228303	49.936	ug/l	95
40) Benzene	8.32	78	591229	54.589	ug/l	100
41) Methacrylonitrile	7.48	41	66257	63.505	ug/l	88
42) 1,2-Dichloroethane	8.40	62	182457	55.219	ug/l	99
43) Isopropyl Acetate	8.43	43	201622	57.250	ug/l	99
44) Trichloroethene	9.09	130	144822	51.585	ug/l	98
45) 1,2-Dichloropropane	9.37	63	156531	56.626	ug/l	99
46) Dibromomethane	9.46	93	81427	56.767	ug/l	99
47) Bromodichloromethane	9.65	83	196232	55.493	ug/l	100
48) Methyl methacrylate	9.44	41	98832	58.027	ug/l	98
49) 1,4-Dioxane	9.45	88	27705	1256.513	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	563067	300.099	ug/l	99
52) Toluene	10.39	92	366861	54.777	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	198711	53.738	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	227202	53.710	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	115306	57.156	ug/l	99
56) Ethyl methacrylate	10.65	69	151560	52.374	ug/l	97
57) 1,3-Dichloropropane	10.93	76	198588	56.658	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	368568	307.963	ug/l	99
59) 2-Hexanone	10.98	43	381013	288.118	ug/l	100
60) Dibromochloromethane	11.13	129	133357	56.763	ug/l	98
61) 1,2-Dibromoethane	11.24	107	107141	55.815	ug/l	97
64) Tetrachloroethene	10.87	164	130805	53.755	ug/l	99
65) Chlorobenzene	11.66	112	389999	51.717	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	139973	53.414	ug/l	98
67) Ethyl Benzene	11.74	91	685589	51.754	ug/l	100
68) m/p-Xylenes	11.84	106	525938	103.877	ug/l	98
69) o-Xylene	12.17	106	246316	52.445	ug/l	99
70) Styrene	12.18	104	426837	54.411	ug/l	99
71) Bromoform	12.35	173	80944	54.708	ug/l	100
73) Isopropylbenzene	12.47	105	676140	49.811	ug/l	99
74) N-amyl acetate	12.28	43	189423	53.556	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	141234	53.801	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	183948	96.454	ug/l #	100
77) Bromobenzene	12.75	156	164660	50.695	ug/l	98
78) n-propylbenzene	12.81	91	841770	50.547	ug/l	99
79) 2-Chlorotoluene	12.90	91	486437	51.790	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	586100	51.308	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	41822	48.508	ug/l	97
82) 4-Chlorotoluene	12.99	91	517652	51.357	ug/l	99
83) tert-Butylbenzene	13.21	119	483343	50.398	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	613653	52.214	ug/l	99
85) sec-Butylbenzene	13.39	105	718067	50.461	ug/l	99
86) p-Isopropyltoluene	13.51	119	630405	50.506	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	331406	51.085	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	327901	50.399	ug/l	98
89) n-Butylbenzene	13.83	91	615693	50.178	ug/l	99
90) Hexachloroethane	14.10	117	114163	49.617	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	295419	51.111	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24079	51.583	ug/l	98

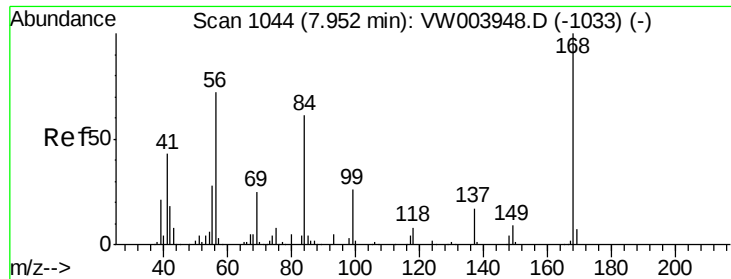
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	201976	49.756	ug/l	98
94) Hexachlorobutadiene	15.24	225	113852	48.842	ug/l	97
95) Naphthalene	15.38	128	399334	53.298	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	188305	52.393	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

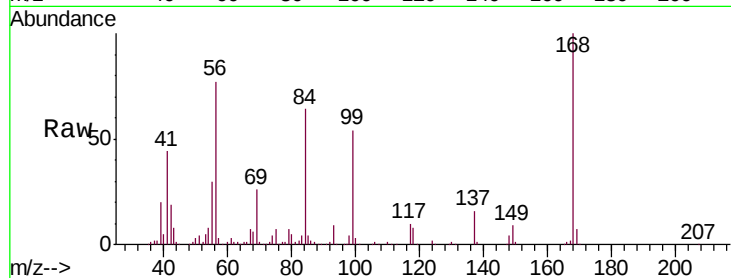
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 244542

Ion Ratio Lower Upper

168 100

99 54.1 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

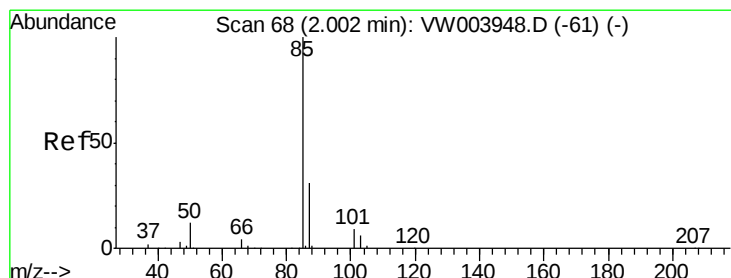
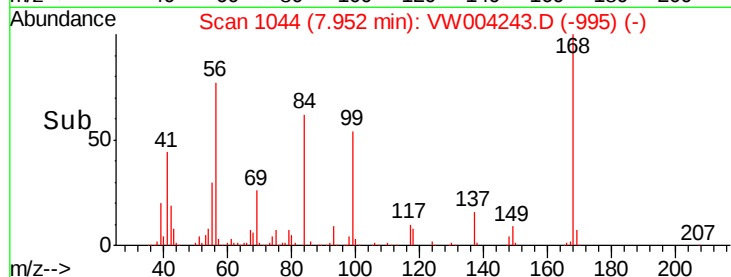
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 36.017 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW004243.D

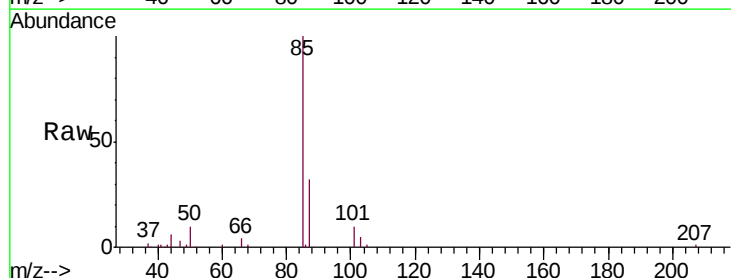
Acq: 26 Jul 2018 23:45

Tgt Ion: 85 Resp: 49461

Ion Ratio Lower Upper

85 100

87 31.8 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

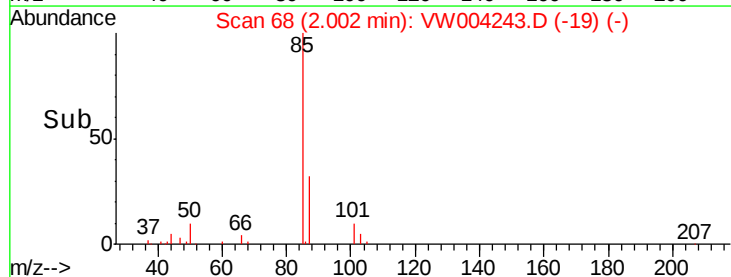
15000

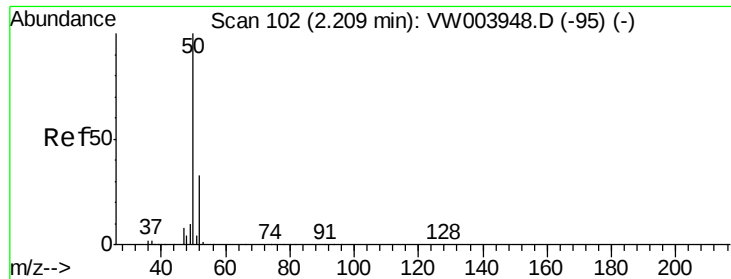
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 51.127 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

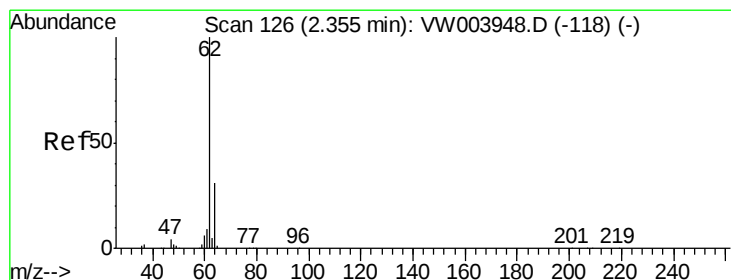
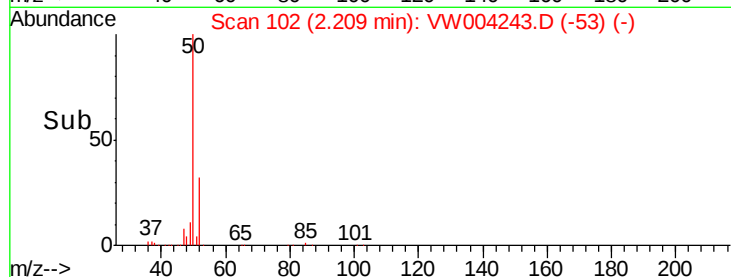
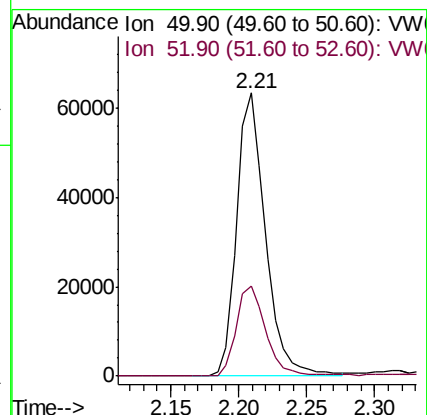
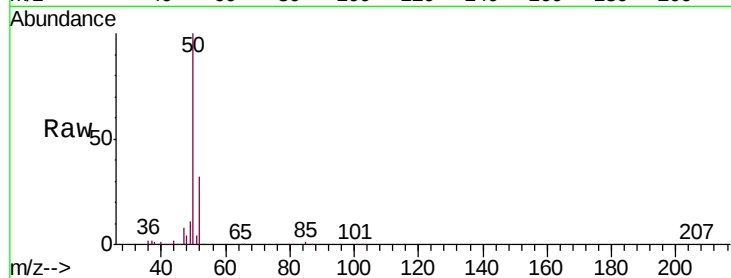
ClientSampleId :

Tot Ion: 50 Resp: 92415

Ion Ratio Lower Upper

50 100

52 32.0 26.3 39.5



#4

Vinyl Chloride

Concen: 49.392 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW004243.D

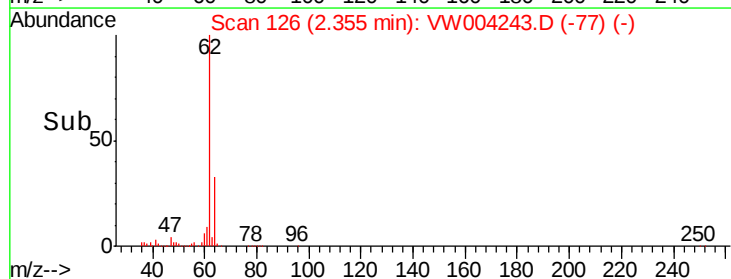
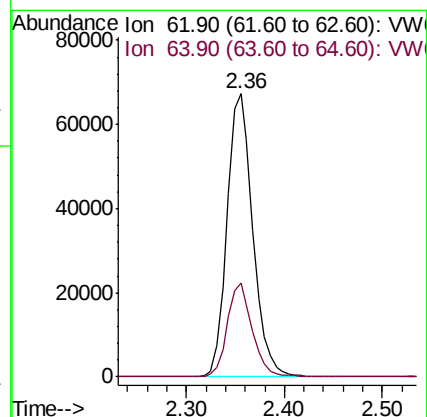
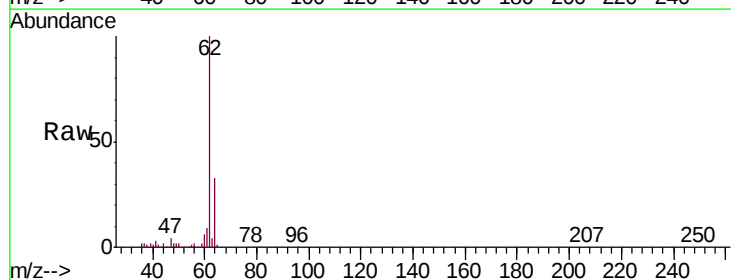
Acq: 26 Jul 2018 23:45

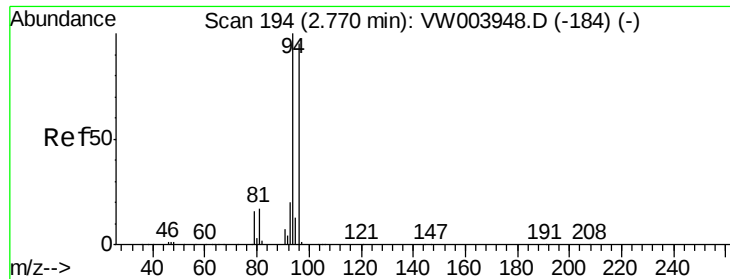
Tgt Ion: 62 Resp: 122801

Ion Ratio Lower Upper

62 100

64 33.0 25.0 37.6





#5

Bromomethane

Concen: 47.259 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

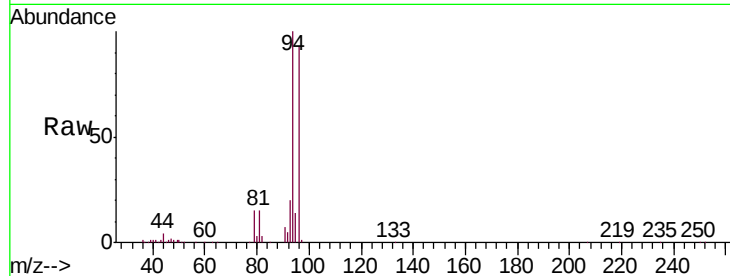
ClientSampleId :

Tot Ion: 94 Resp: 73439

Ion Ratio Lower Upper

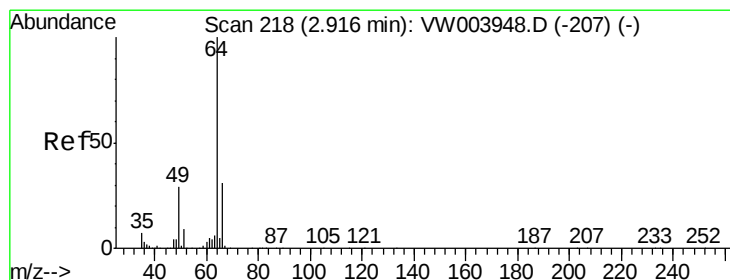
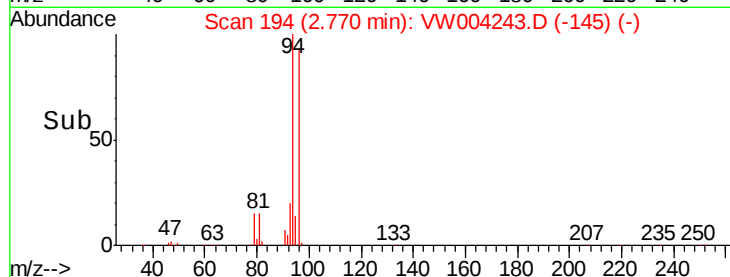
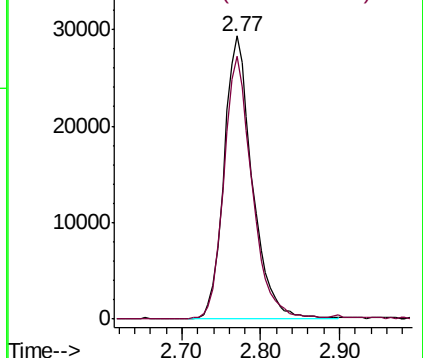
94 100

96 92.6 75.8 113.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 49.151 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.01 min

Lab File: VW004243.D

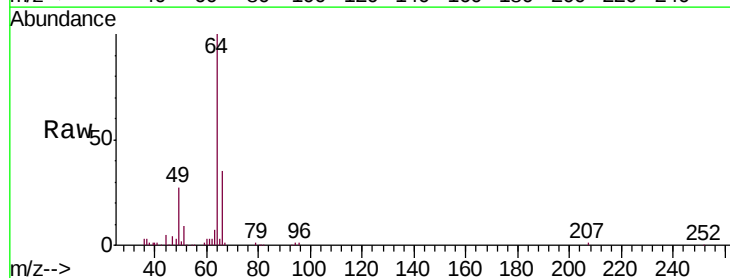
Acq: 26 Jul 2018 23:45

Tgt Ion: 64 Resp: 69431

Ion Ratio Lower Upper

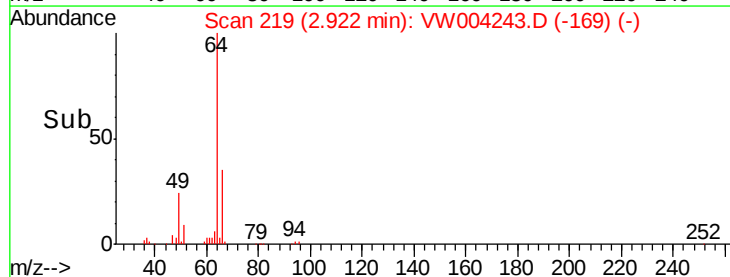
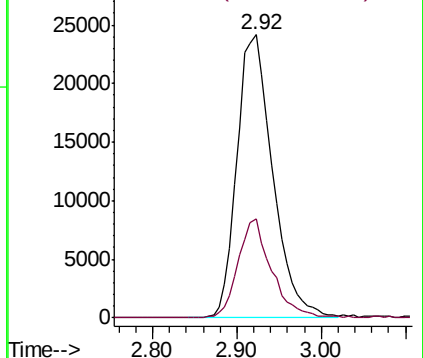
64 100

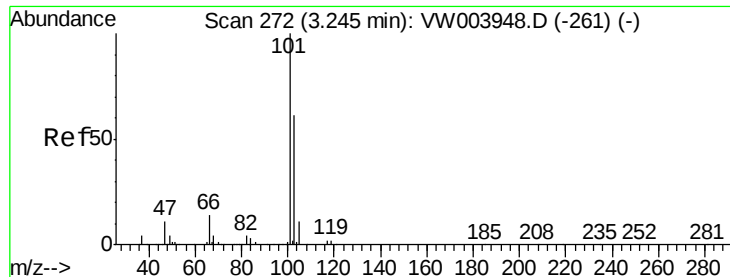
66 35.1 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



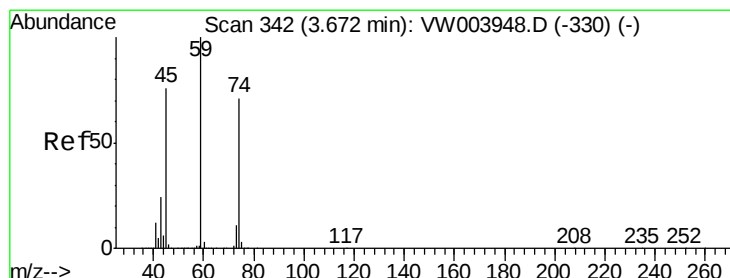
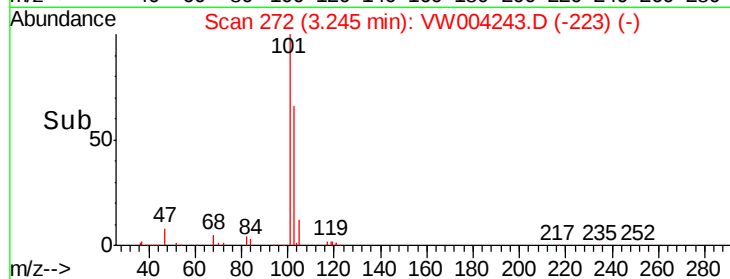
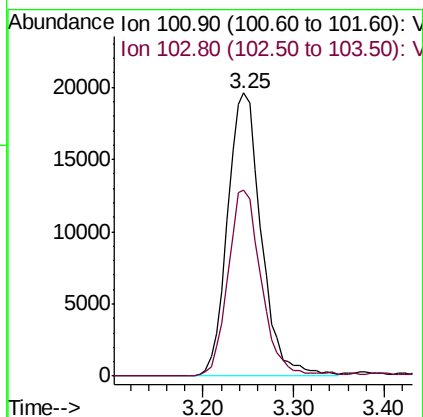
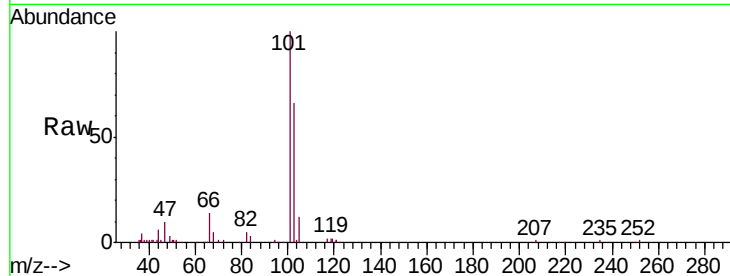


#7

Trichlorofluoromethane
 Concen: 48.386 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Instrument :
 MSVOA_W
 ClientSampled :

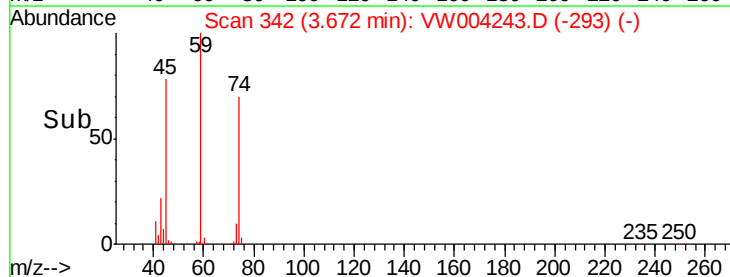
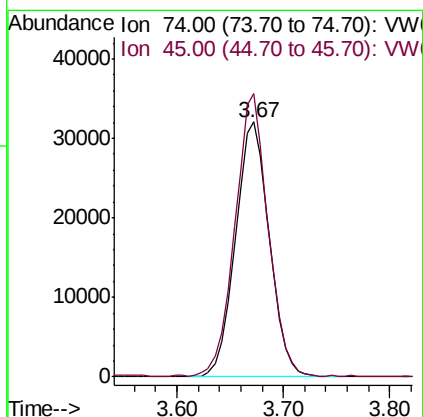
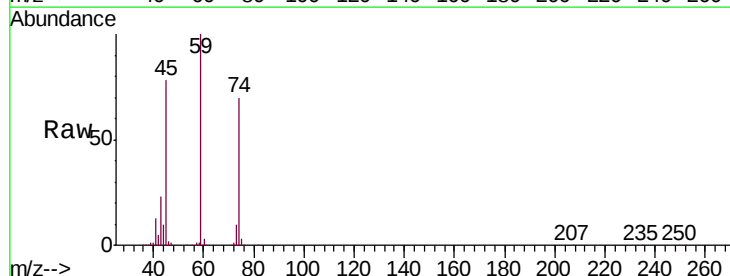
Tot Ion:101 Resp: 50505
 Ion Ratio Lower Upper
 101 100
 103 65.7 49.0 73.6

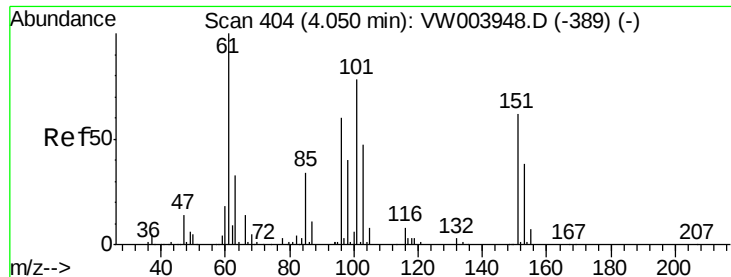


#8

Diethyl Ether
 Concen: 59.141 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Tgt Ion: 74 Resp: 71655
 Ion Ratio Lower Upper
 74 100
 45 108.0 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.649 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

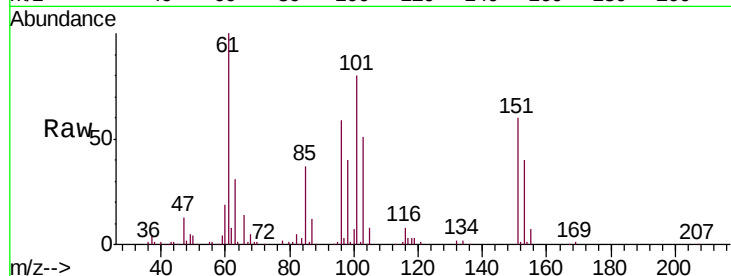
Tot Ion:101 Resp: 121992

Ion Ratio Lower Upper

101 100

85 44.2 35.8 53.6

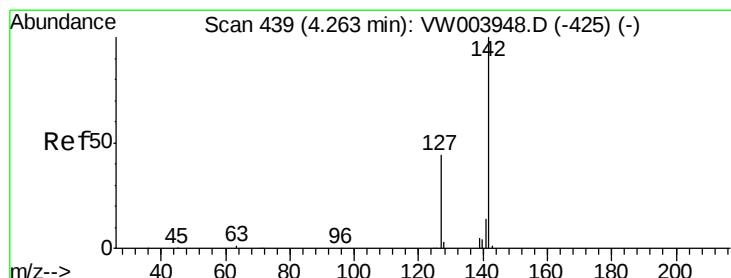
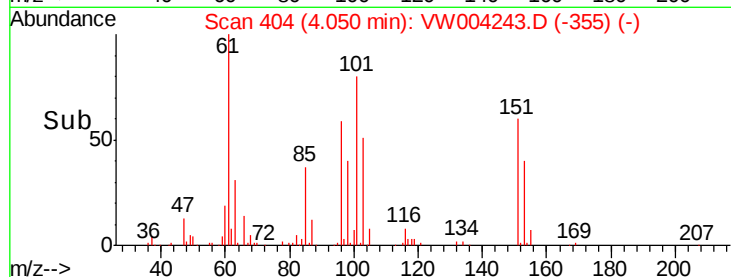
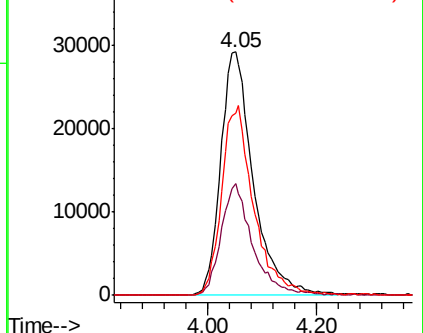
151 76.9 63.6 95.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.526 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

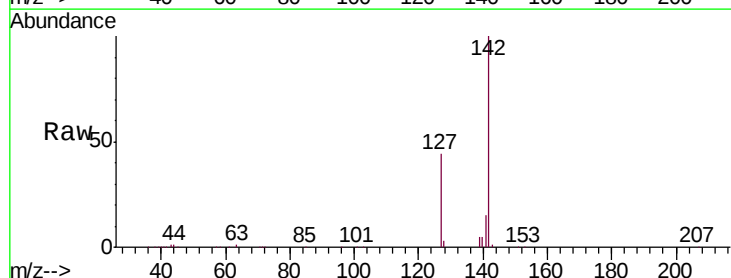
Tgt Ion:142 Resp: 174786

Ion Ratio Lower Upper

142 100

127 45.0 35.4 53.2

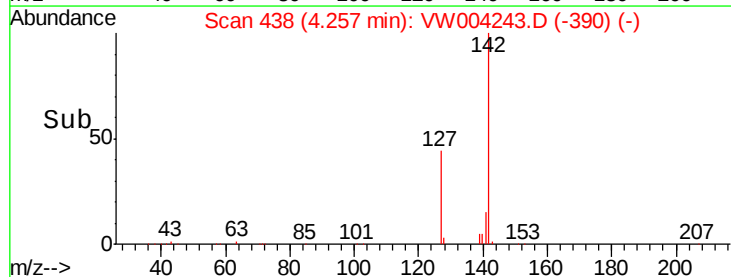
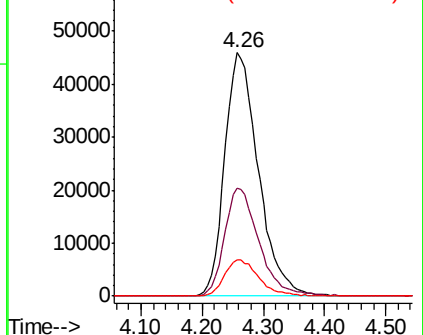
141 15.3 11.7 17.5

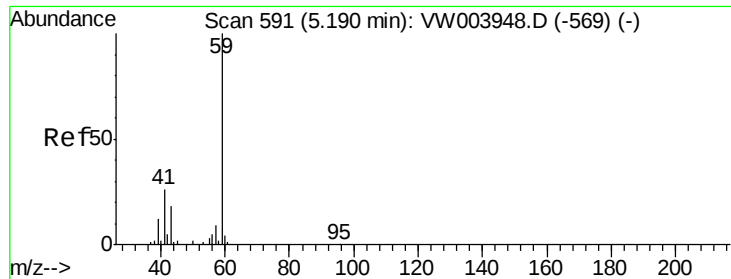


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



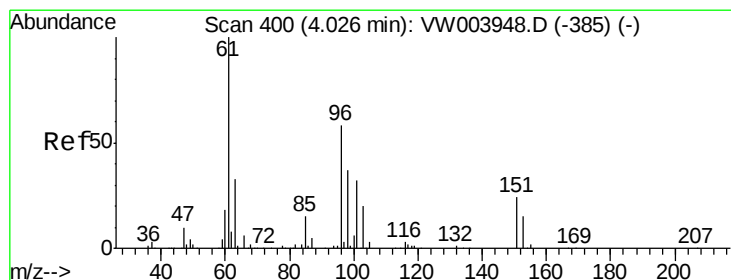
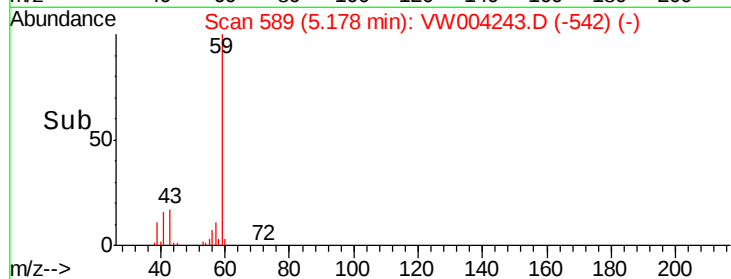
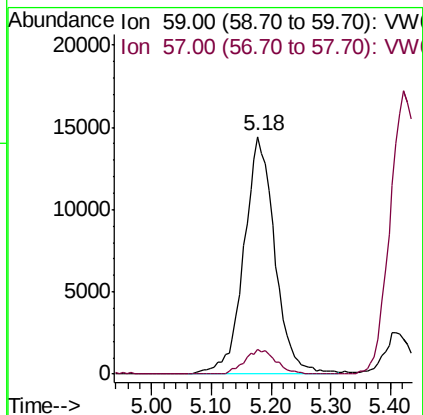
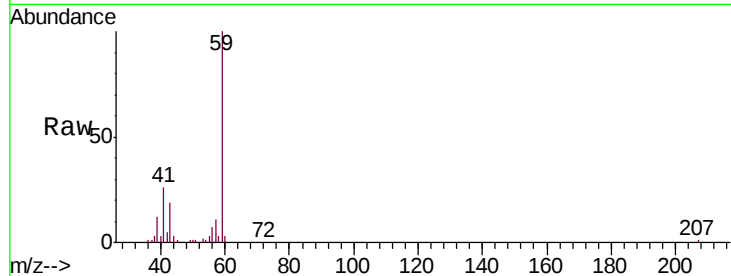


#11

Tert butyl alcohol
Concen: 275.675 ug/l
RT: 5.18 min Scan# 589
Delta R.T. -0.01 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :

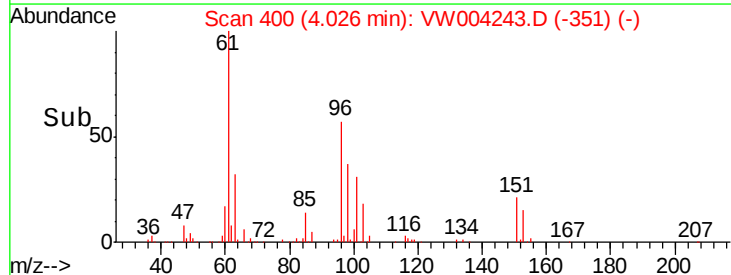
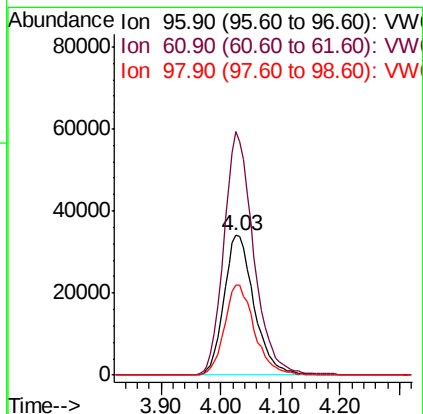
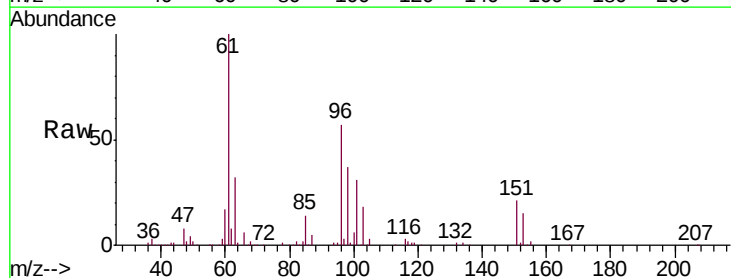
Tot Ion: 59 Resp: 52020
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

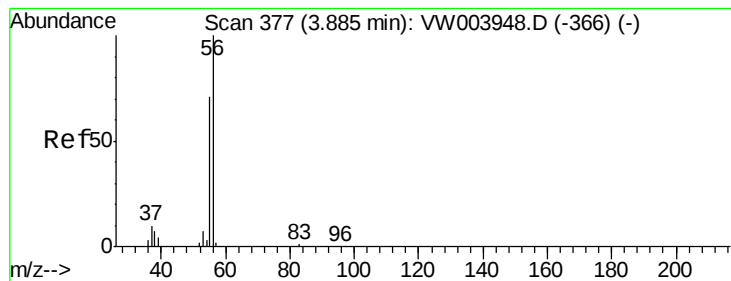


#12

1,1-Dichloroethene
Concen: 50.616 ug/l
RT: 4.03 min Scan# 400
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion: 96 Resp: 120292
Ion Ratio Lower Upper
96 100
61 174.1 137.0 205.6
98 64.6 50.2 75.4





#13

Acrolein

Concen: 257.039 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.01 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

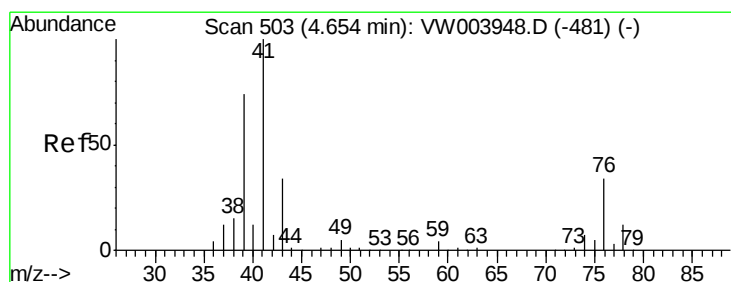
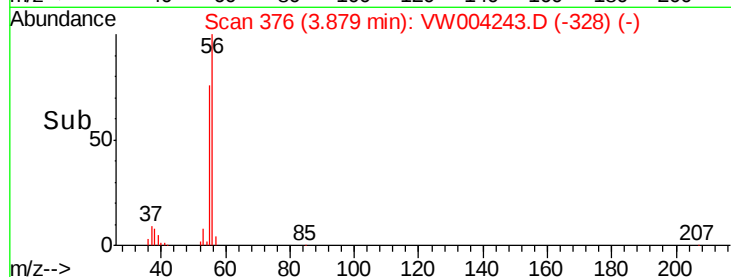
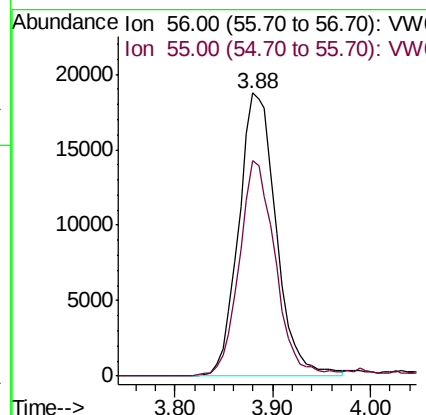
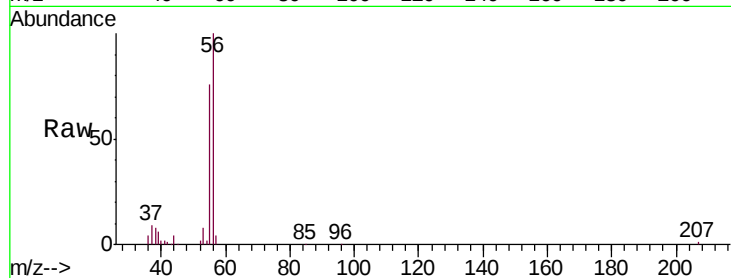
ClientSampleId :

Tot Ion: 56 Resp: 49837

Ion Ratio Lower Upper

56 100

55 73.0 58.2 87.4



#14

Allyl chloride

Concen: 54.101 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

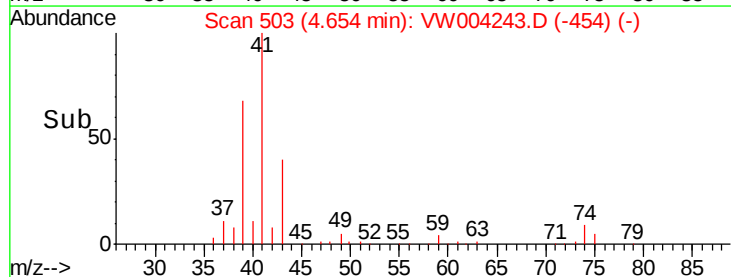
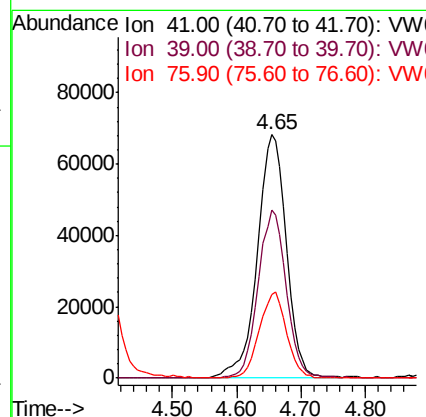
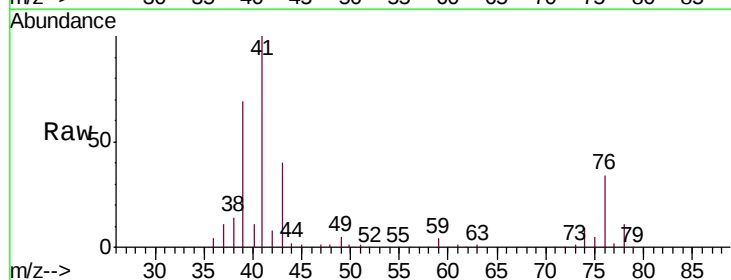
Tgt Ion: 41 Resp: 212228

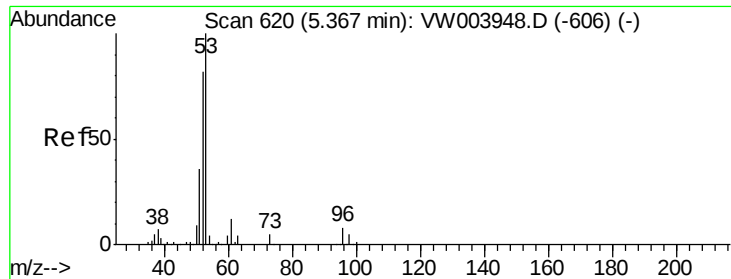
Ion Ratio Lower Upper

41 100

39 67.2 57.0 85.4

76 33.1 26.5 39.7

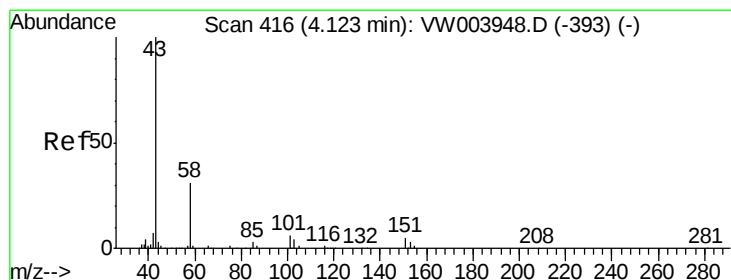
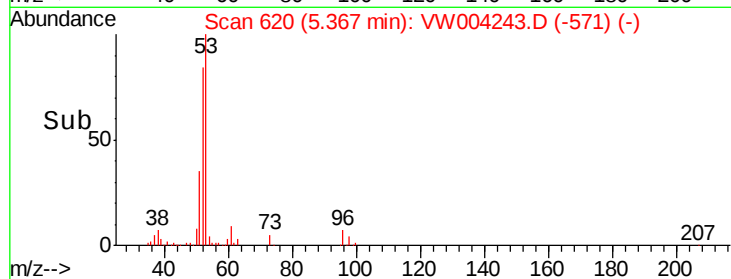
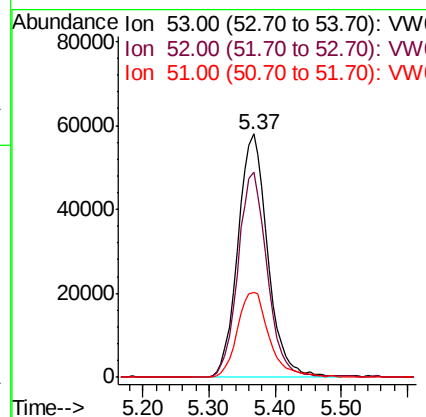
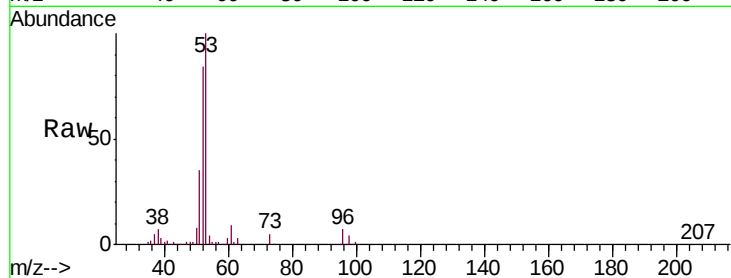




#15
 Acrylonitrile
 Concen: 292.500 ug/l
 RT: 5.37 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

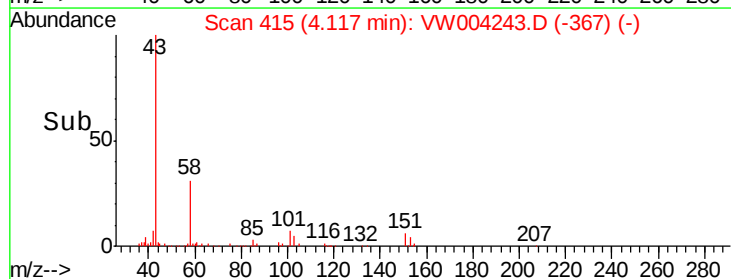
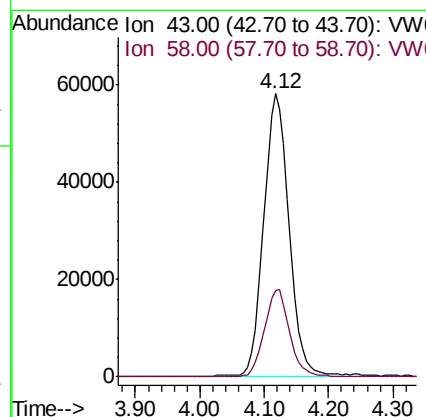
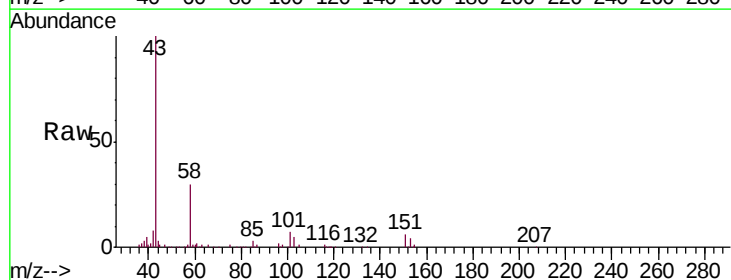
Instrument :
 MSVOA_W
 ClientSampleId :

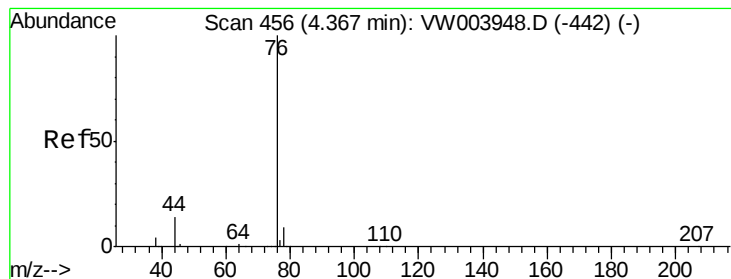
Tot Ion	53	Resp	181598
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.1	99.1
51	37.4	29.8	44.6



#16
 Acetone
 Concen: 241.852 ug/l
 RT: 4.12 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Tgt Ion	43	Resp	158862
Ion Ratio	Lower	Upper	
43	100		
58	30.3	24.5	36.7





#17

Carbon Disulfide

Concen: 51.320 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

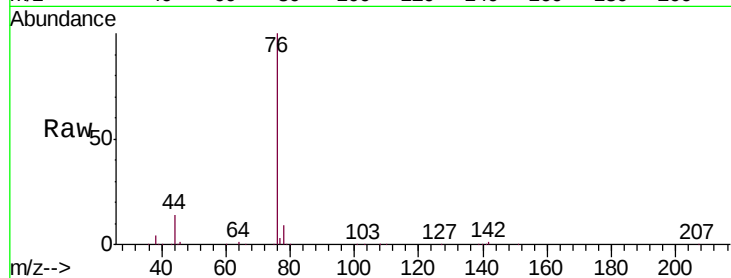
ClientSampled :

Tot Ion: 76 Resp: 380694

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.37

120000

100000

80000

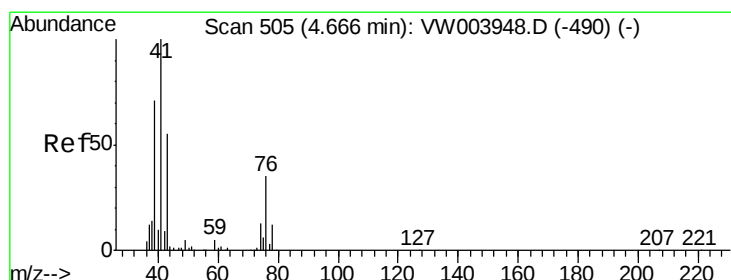
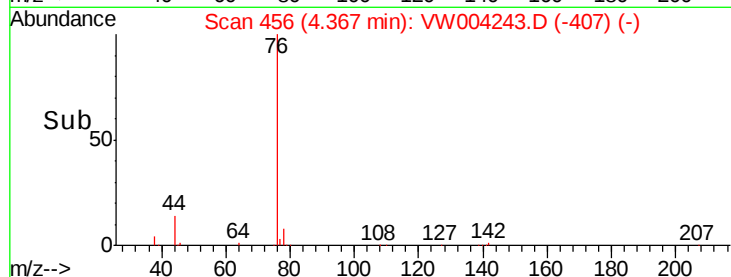
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 62.742 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.00 min

Lab File: VW004243.D

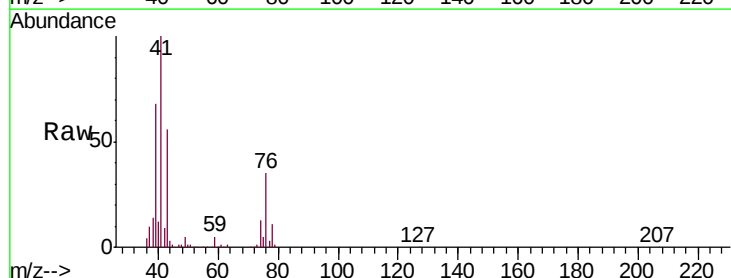
Acq: 26 Jul 2018 23:45

Tgt Ion: 43 Resp: 98927

Ion Ratio Lower Upper

43 100

74 22.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

40000

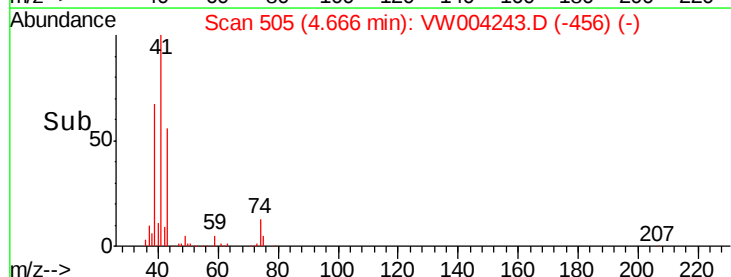
30000

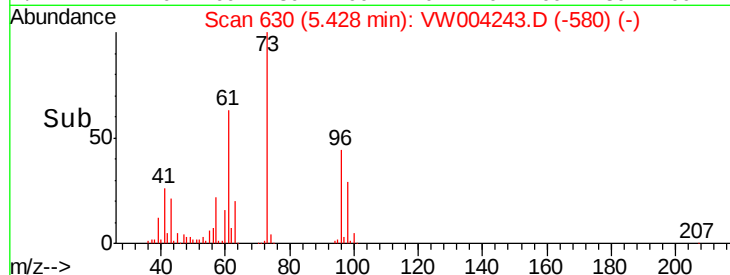
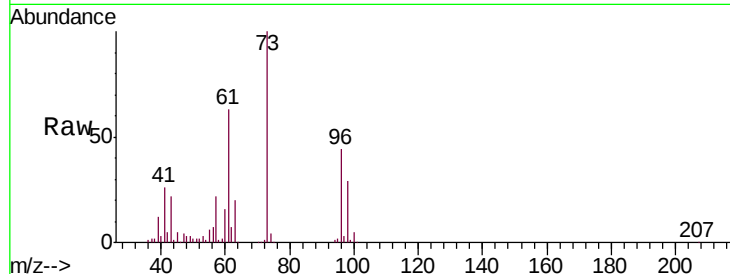
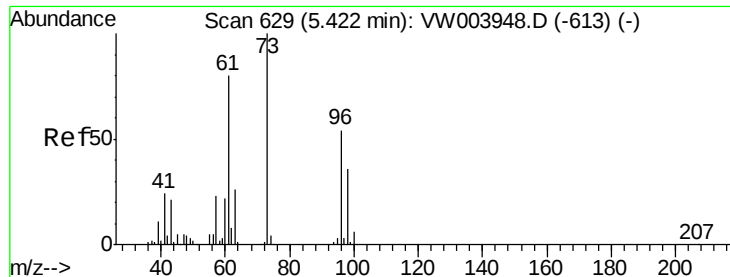
20000

10000

0

Time-->

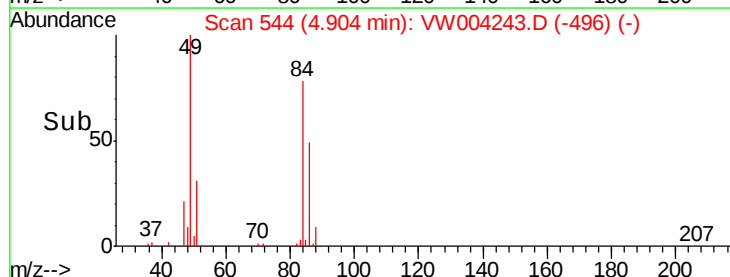
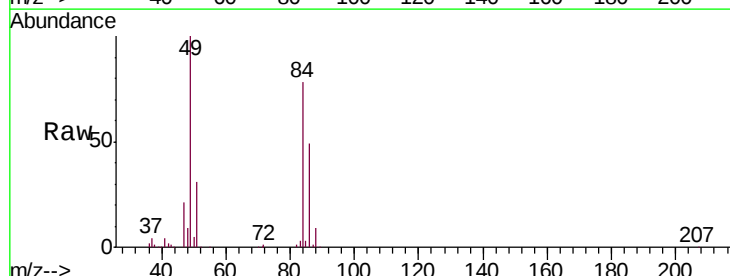
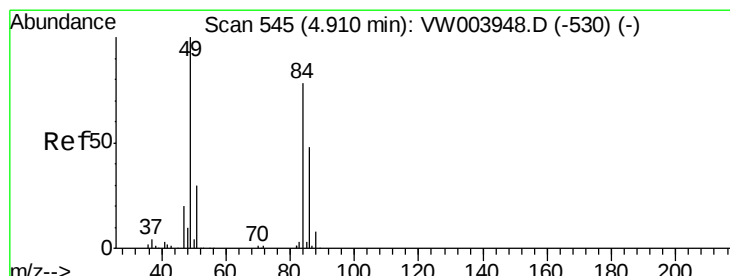
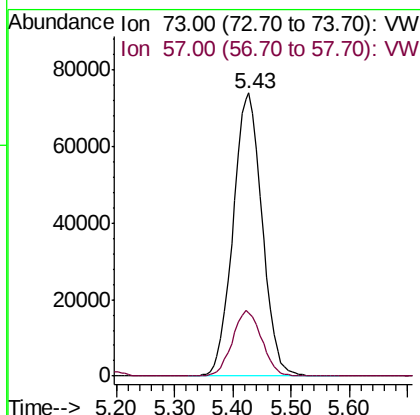




#19
Methvl tert-butvl Ether
Concen: 56.008 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.01 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

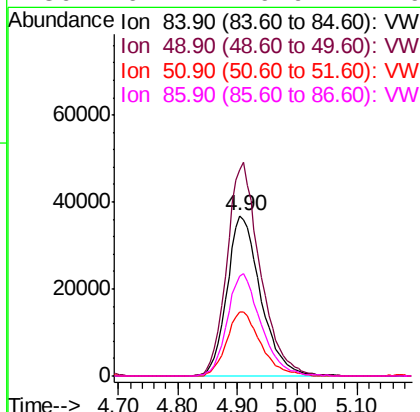
Instrument :
MSVOA_W
ClientSampleId :

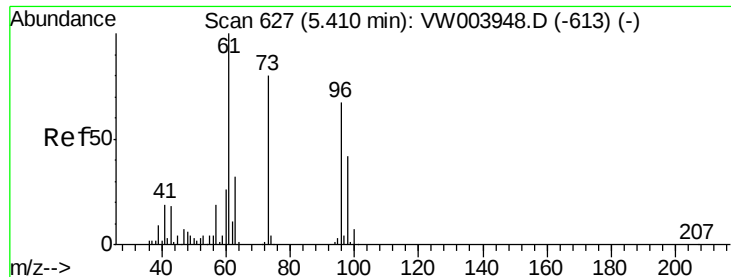
Tot Ion: 73 Resp: 255102
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4



#20
Methylene Chloride
Concen: 49.782 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion: 84 Resp: 144468
Ion Ratio Lower Upper
84 100
49 128.4 102.9 154.3
51 39.6 30.9 46.3
86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 53.271 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampled :

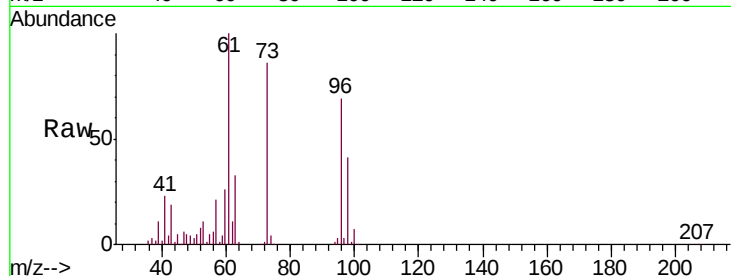
Tot Ion: 96 Resp: 138776

Ion Ratio Lower Upper

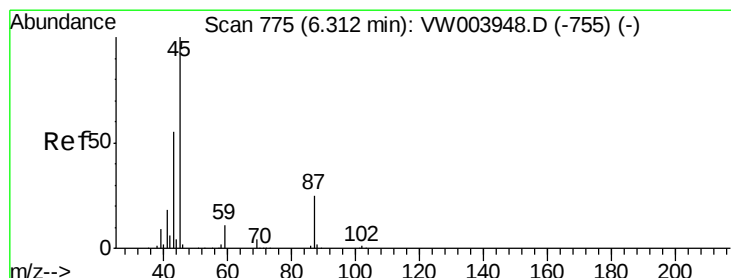
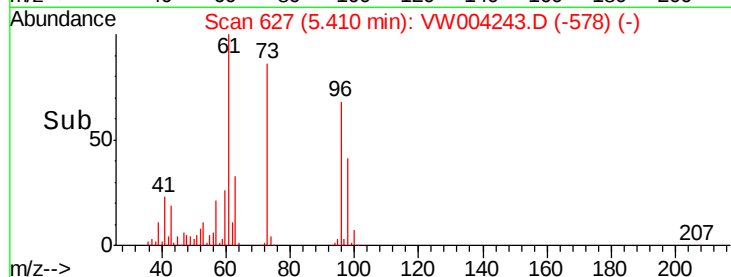
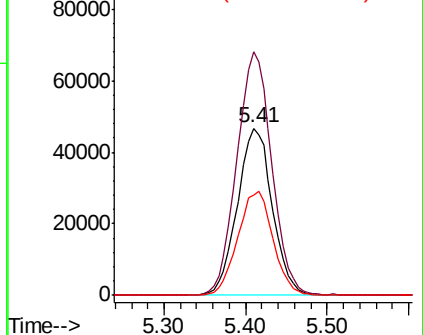
96 100

61 145.9 119.0 178.4

98 60.4 49.9 74.9



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



#22

Diisopropyl ether

Concen: 58.008 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Tgt Ion: 45 Resp: 459896

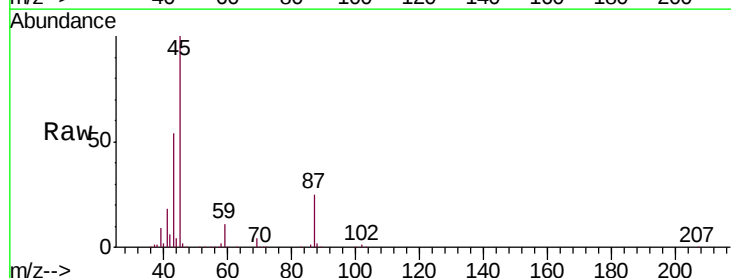
Ion Ratio Lower Upper

45 100

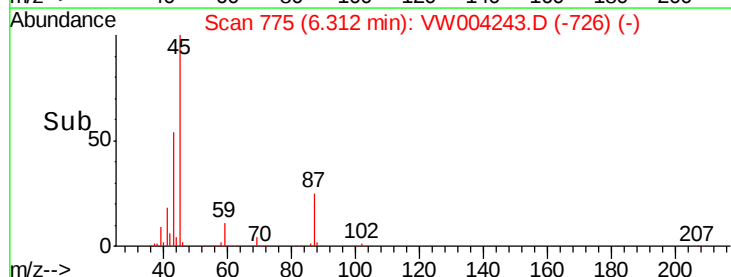
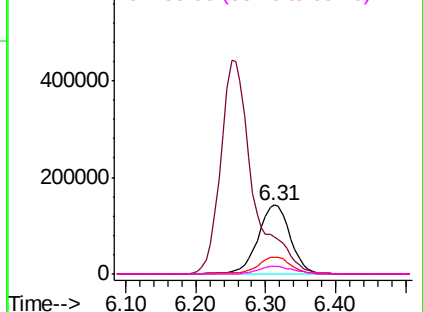
43 53.8 44.3 66.5

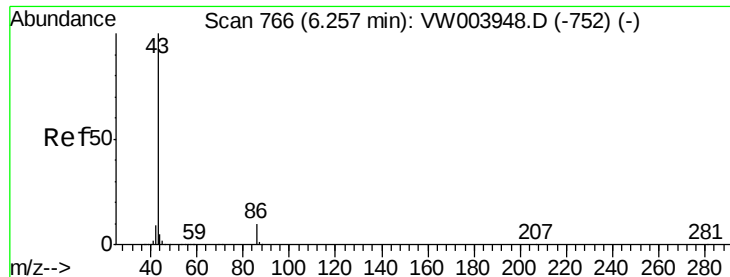
87 24.6 20.2 30.4

59 11.1 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

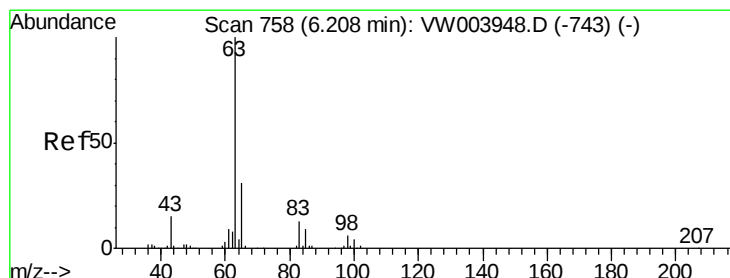
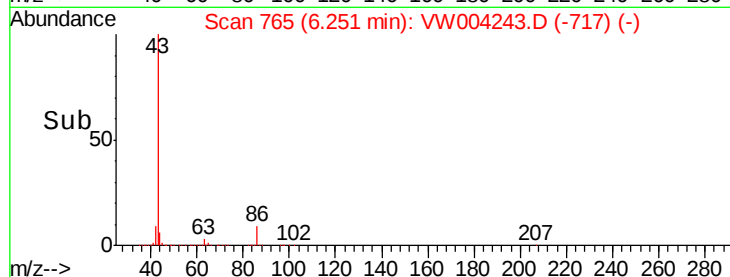
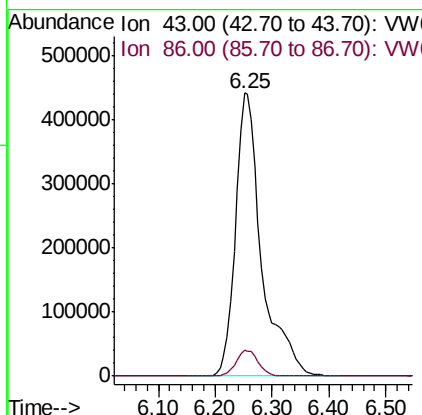
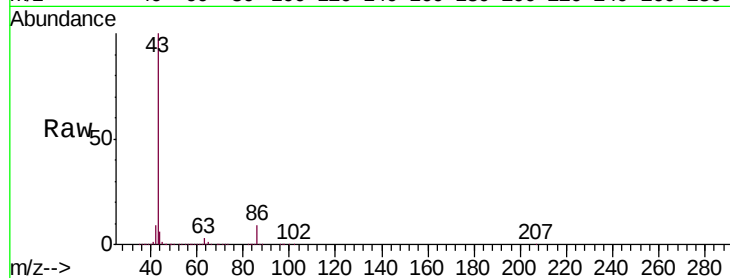




#23
 Vinyl Acetate
 Concen: 282.302 ug/l
 RT: 6.25 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

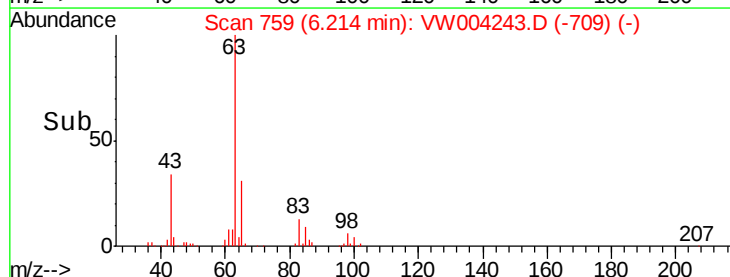
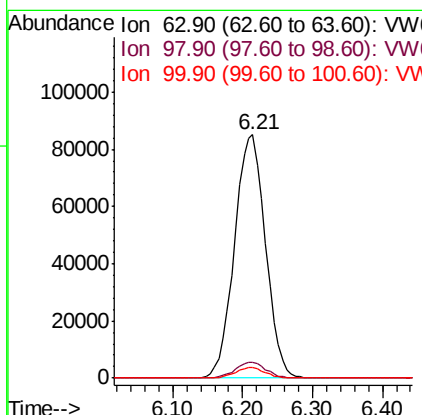
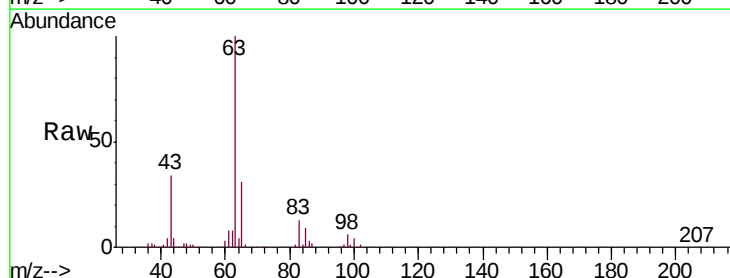
Instrument :
 MSVOA_W
 ClientSampleId :

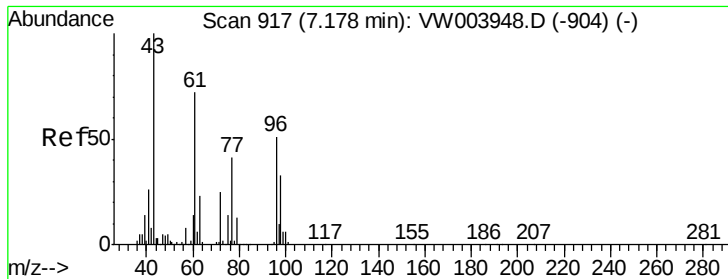
Tot Ion: 43 Resp: 1418103
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 53.994 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Tgt Ion: 63 Resp: 261195
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.4
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 277.059 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

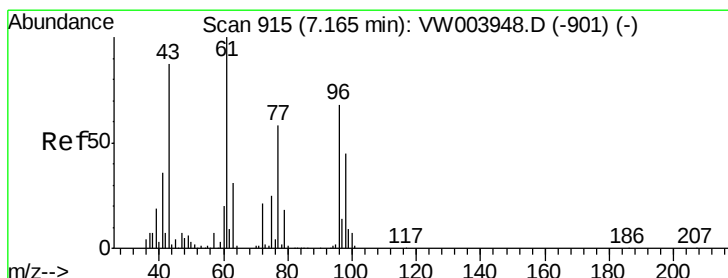
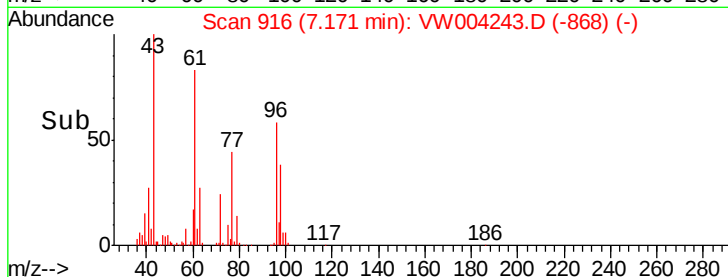
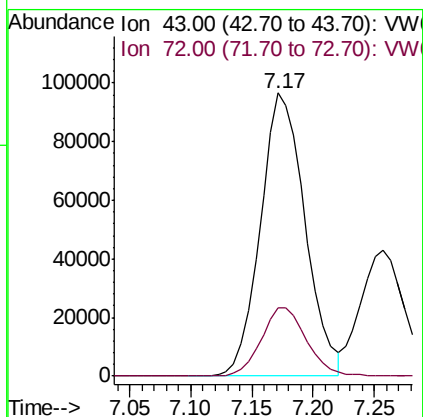
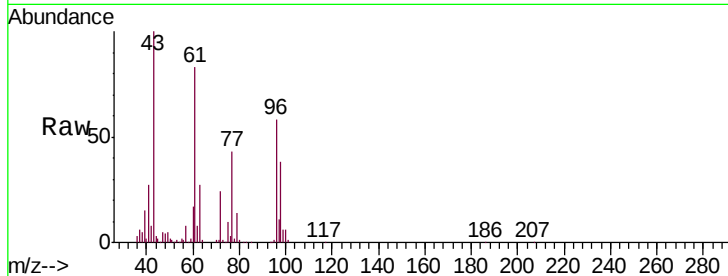
ClientSampled :

Tot Ion: 43 Resp: 244903

Ion Ratio Lower Upper

43 100

72 24.1 19.8 29.6



#26

2,2-Dichloropropane

Concen: 45.807 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004243.D

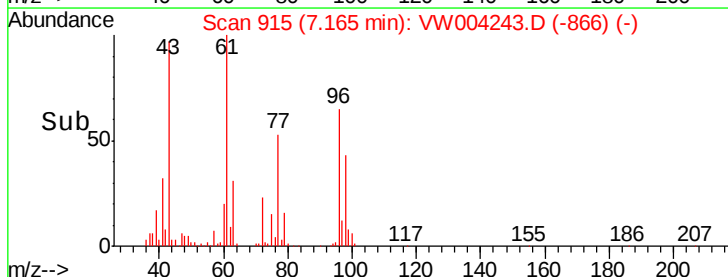
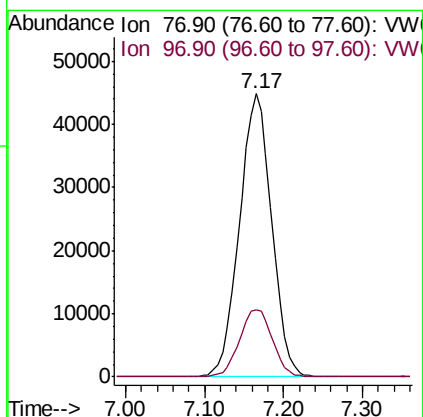
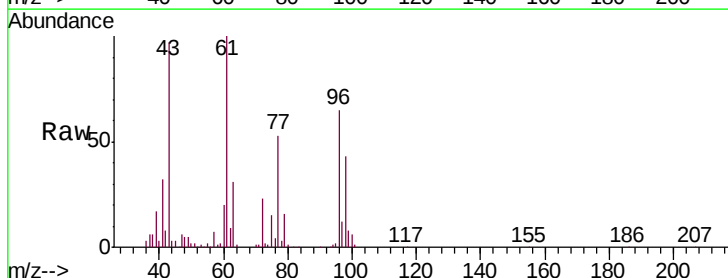
Acq: 26 Jul 2018 23:45

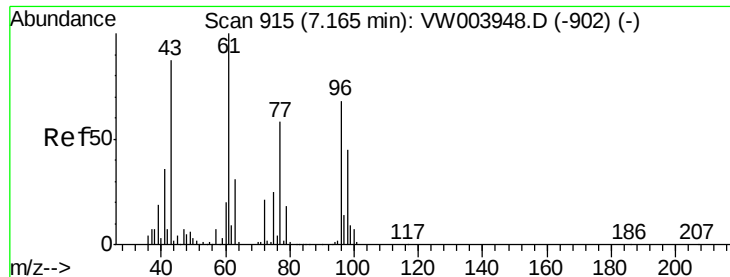
Tgt Ion: 77 Resp: 127199

Ion Ratio Lower Upper

77 100

97 24.1 11.8 35.3



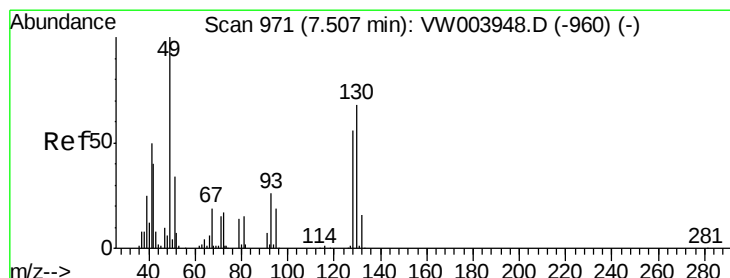
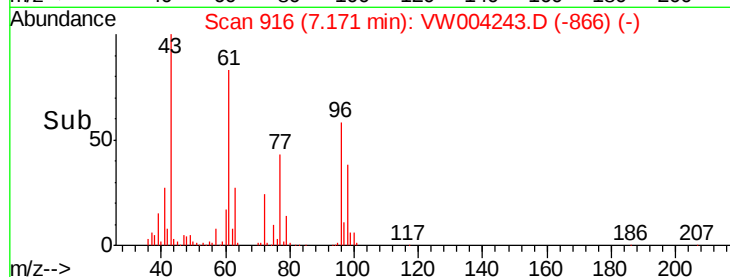
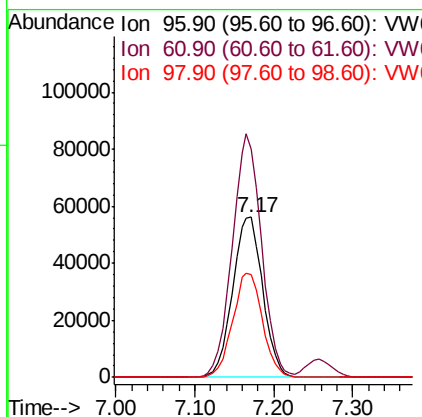
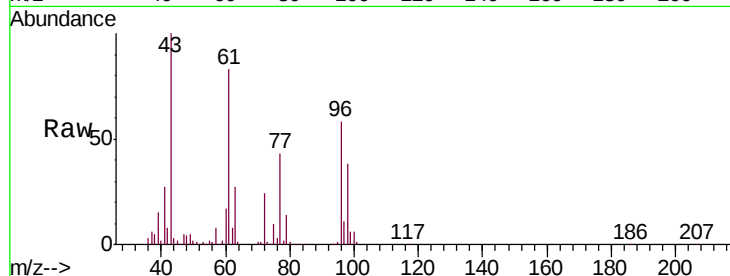


#27

cis-1,2-Dichloroethene
Concen: 52.905 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampled :

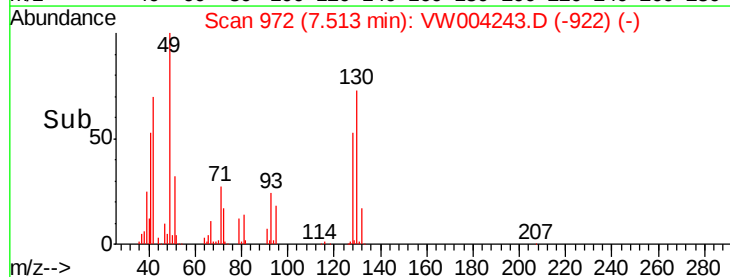
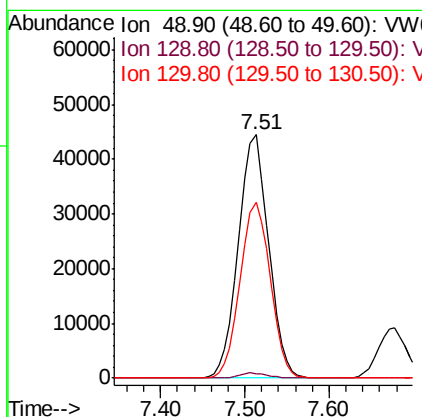
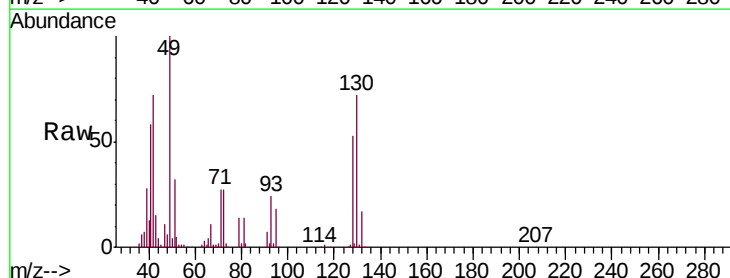
Tot Ion: 96 Resp: 148988
Ion Ratio Lower Upper
96 100
61 147.4 0.0 298.6
98 64.3 0.0 130.4

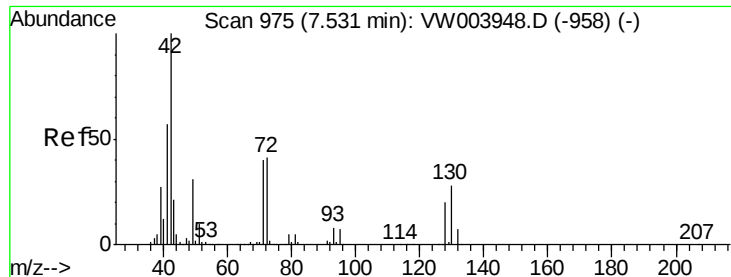


#28

Bromochloromethane
Concen: 54.560 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.01 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion: 49 Resp: 108012
Ion Ratio Lower Upper
49 100
129 1.9 0.0 2.2
130 72.1 58.3 87.5

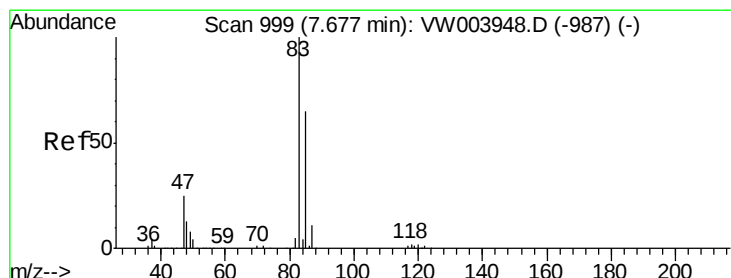
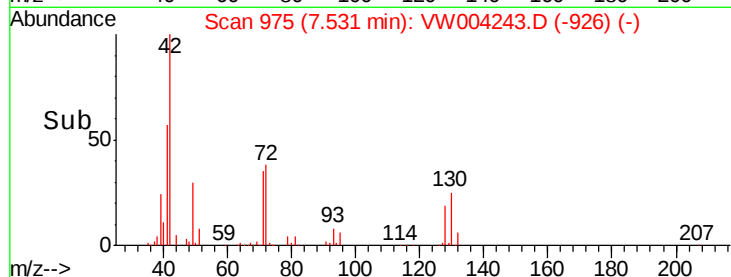
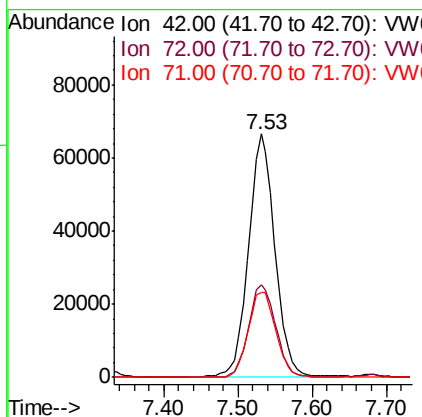
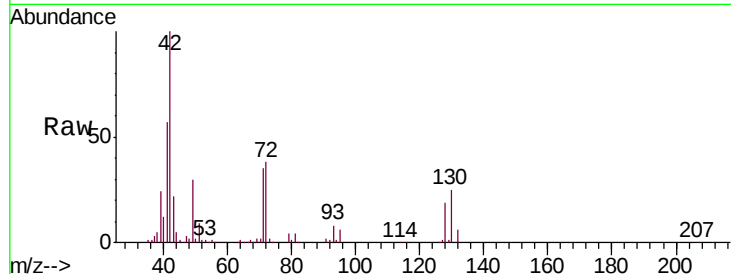




#29
Tetrahydrofuran
Concen: 299.598 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

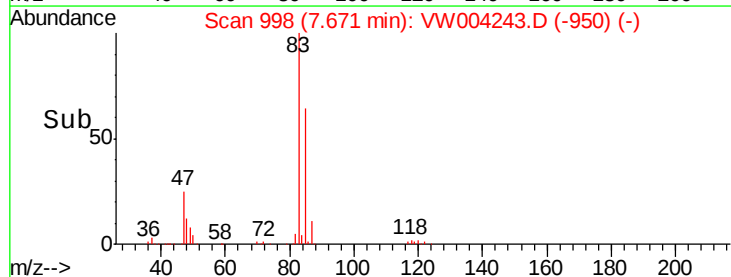
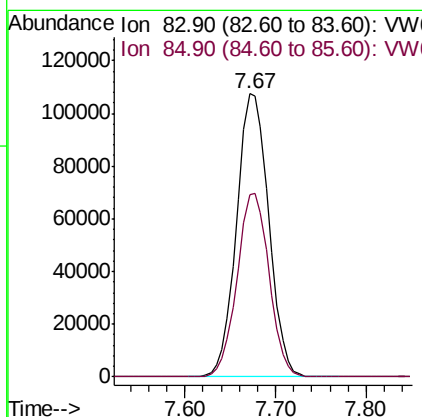
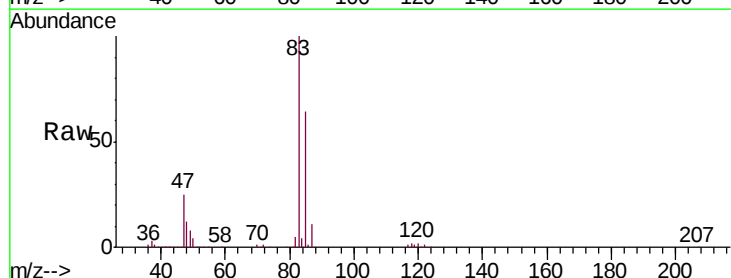
Instrument :
MSVOA_W
ClientSampled :

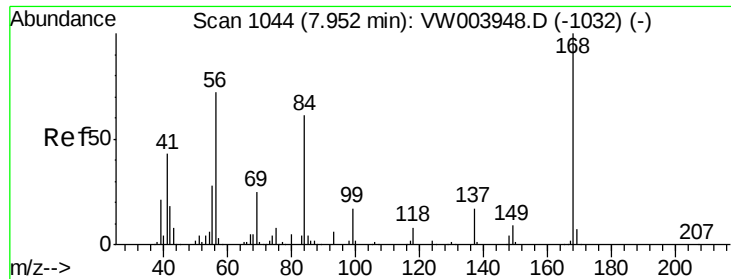
Tot Ion: 42 Resp: 164960
Ion Ratio Lower Upper
42 100
72 39.5 32.6 48.8
71 37.1 30.5 45.7



#30
Chloroform
Concen: 54.833 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion: 83 Resp: 263844
Ion Ratio Lower Upper
83 100
85 64.2 52.2 78.4

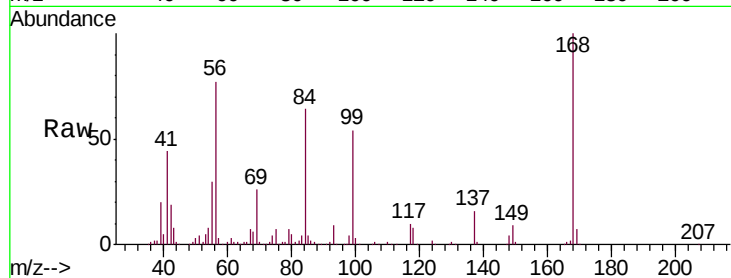




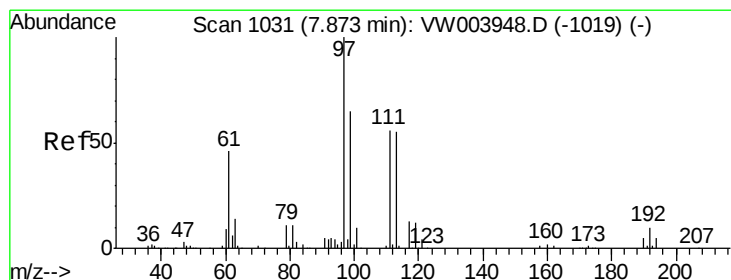
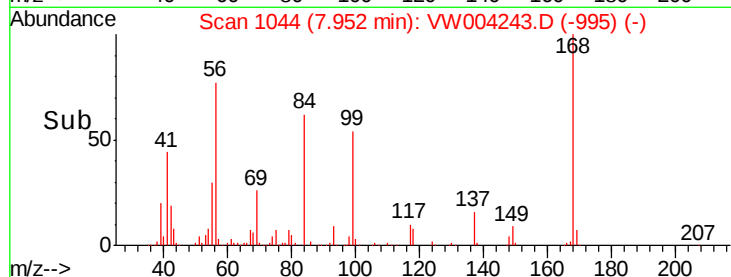
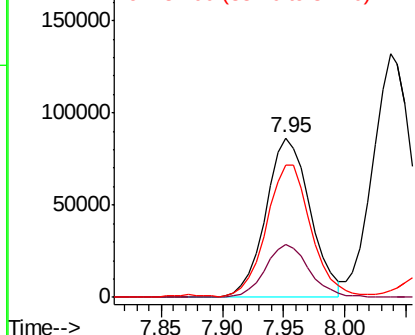
#31
Cyclohexane
Concen: 48.097 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 218102
Ion Ratio Lower Upper
56 100
69 33.6 27.8 41.8
84 81.2 67.2 100.8

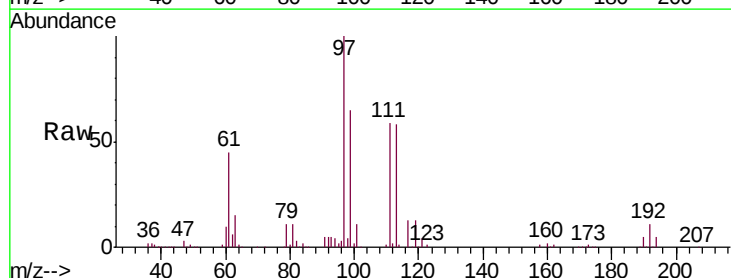


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

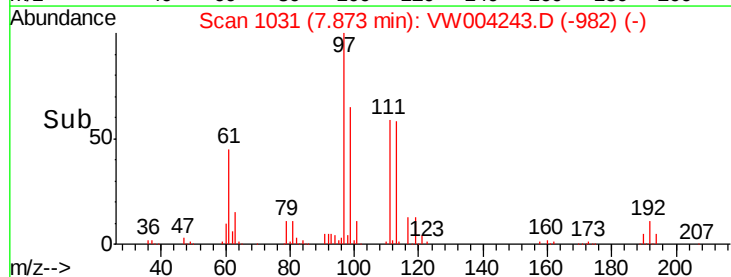
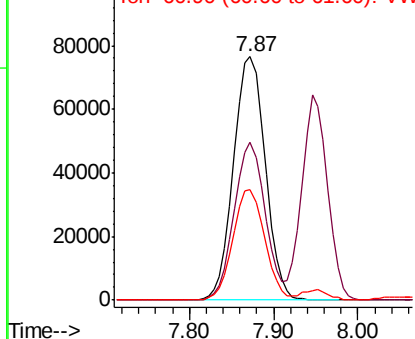


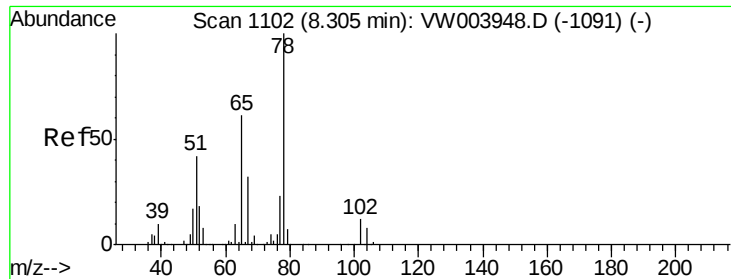
#32
1,1,1-Trichloroethane
Concen: 51.875 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion: 97 Resp: 194921
Ion Ratio Lower Upper
97 100
99 63.2 51.3 76.9
61 45.6 36.8 55.2



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

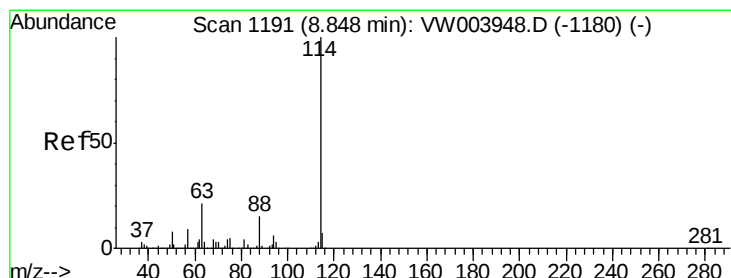
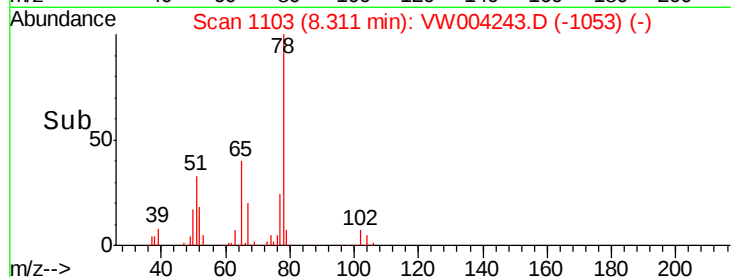
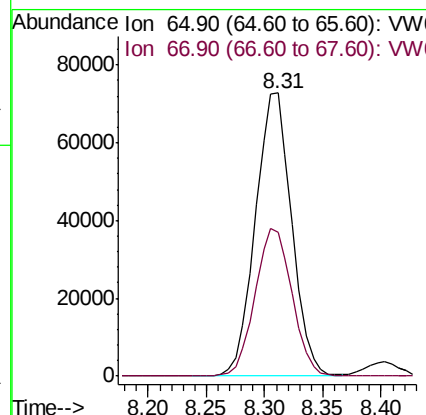
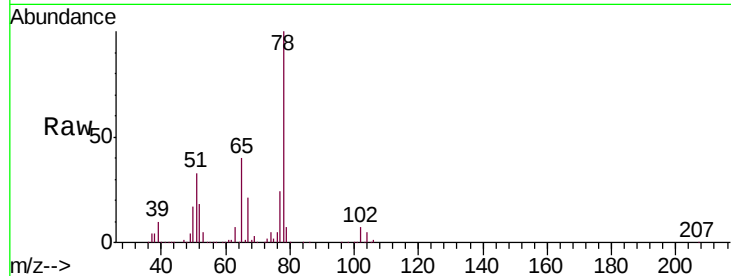




#33
 1,2-Dichloroethane-d4
 Concen: 57.953 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

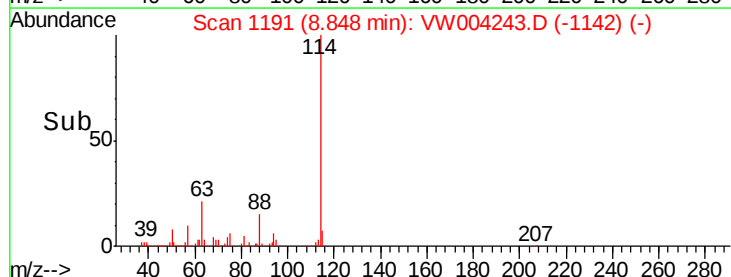
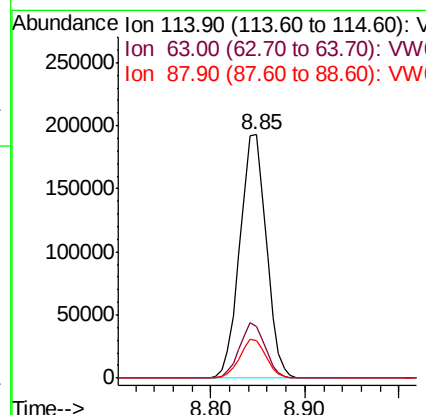
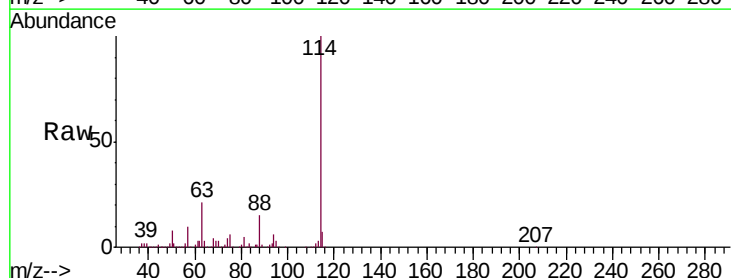
Instrument :
 MSVOA_W
 ClientSampleId :

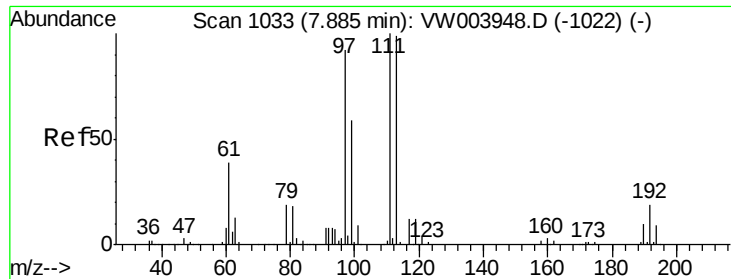
Tot Ion: 65 Resp: 158413
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Tgt Ion: 114 Resp: 379433
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.8
 88 15.3 0.0 30.4

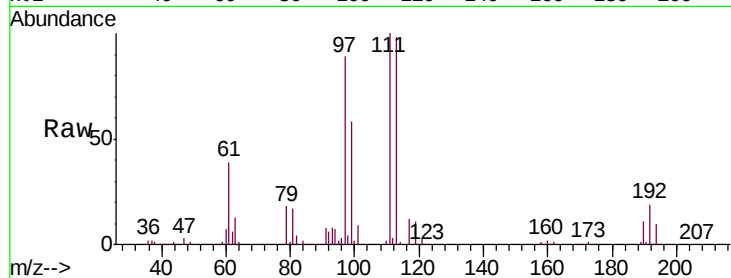




#35
 Dibromofluoromethane
 Concen: 57.481 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.3	121.9
192	20.0	15.8	23.6

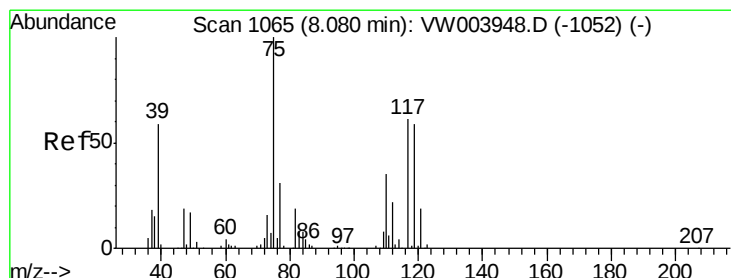
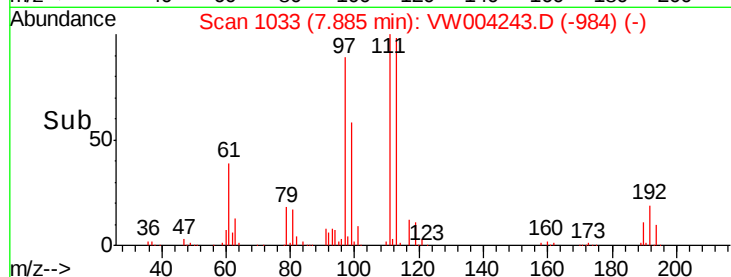
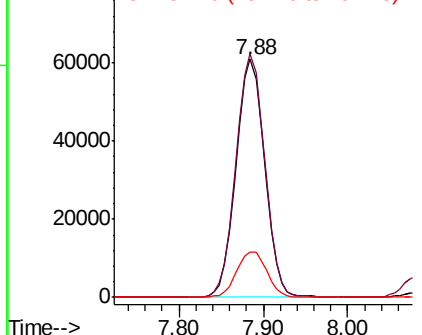


Abundance

Ion 112.80 (112.50 to 113.50): V

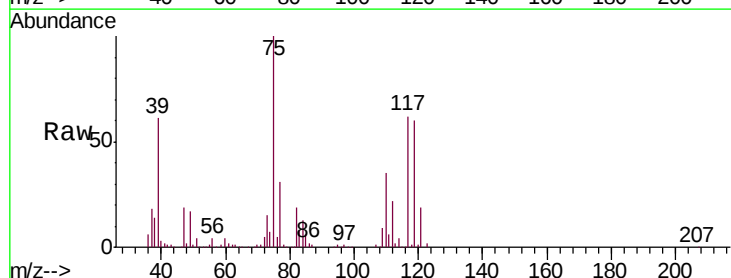
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 51.591 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.0	51.0
77	31.3	24.9	37.3

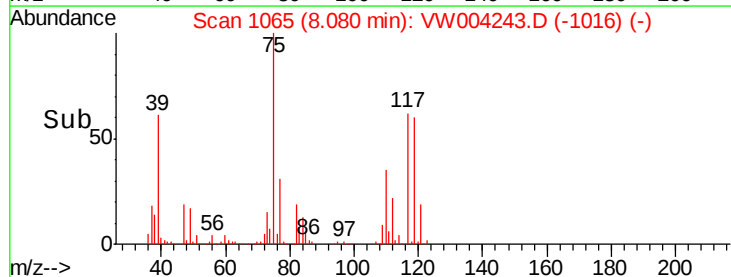
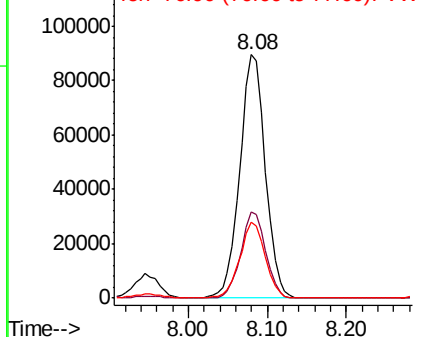


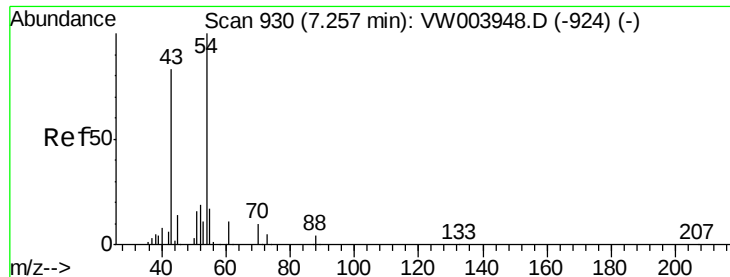
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

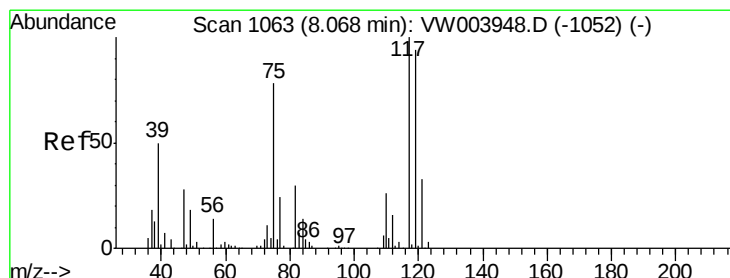
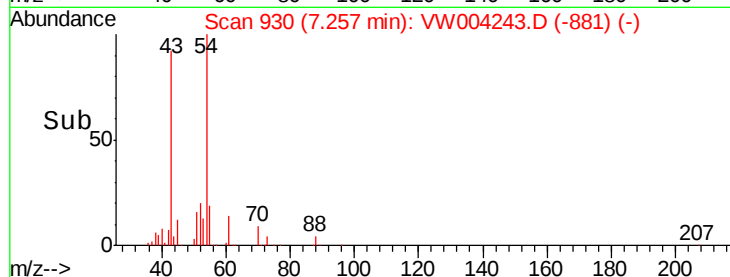
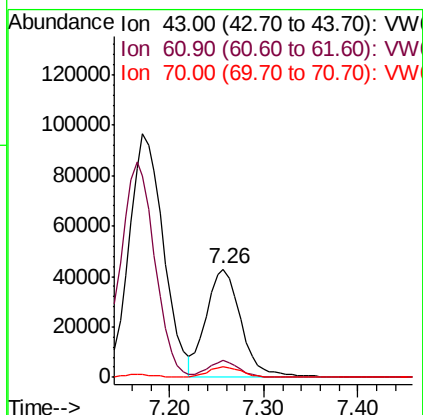
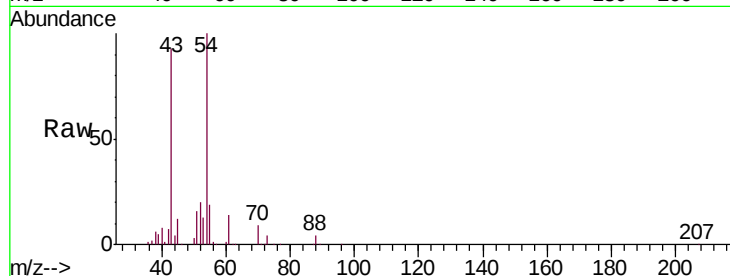




#37
Ethyl Acetate
Concen: 57.936 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

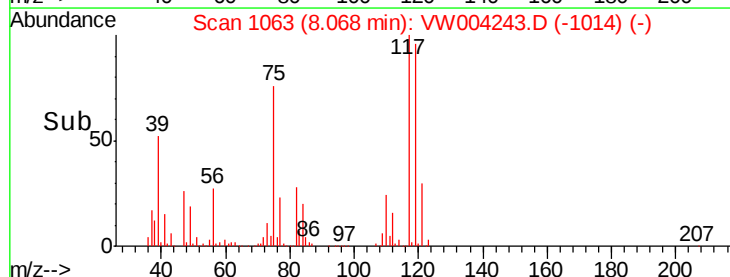
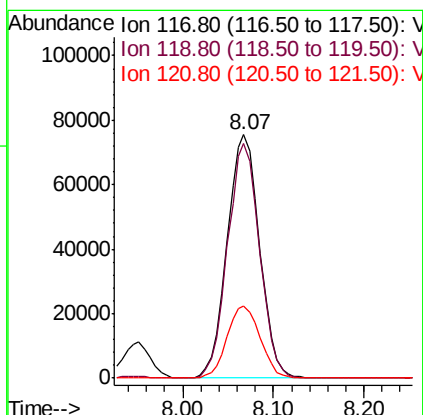
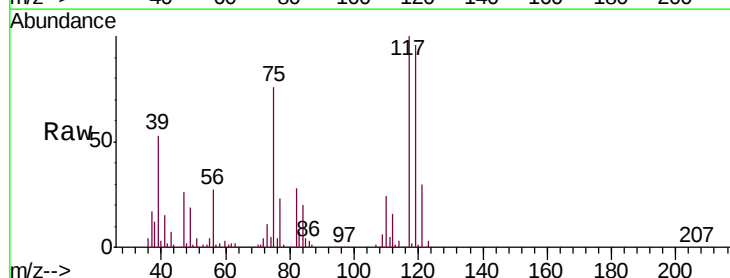
Instrument :
MSVOA_W
ClientSampled :

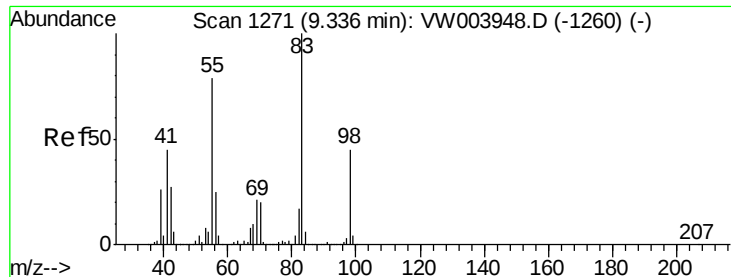
Tot Ion: 43 Resp: 109091
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 9.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 51.324 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion: 117 Resp: 187214
Ion Ratio Lower Upper
117 100
119 96.3 75.3 112.9
121 29.9 26.0 39.0

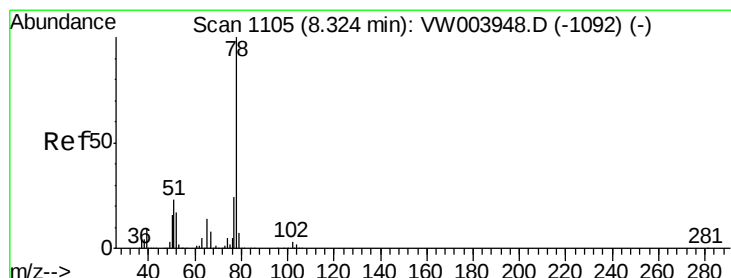
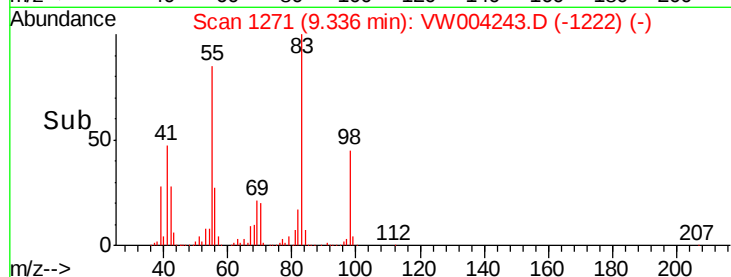
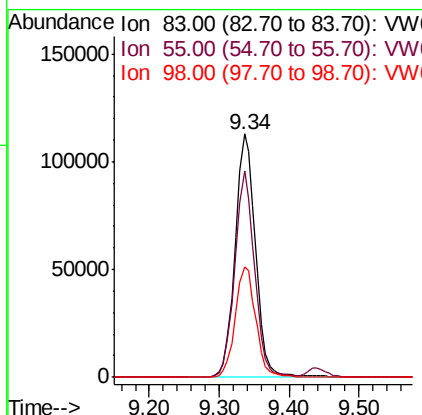
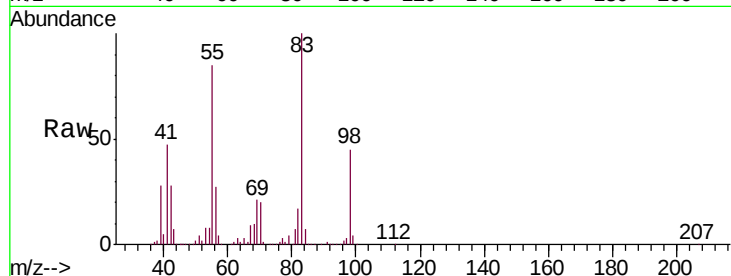




#39
Methvlcvclohexane
Concen: 49.936 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

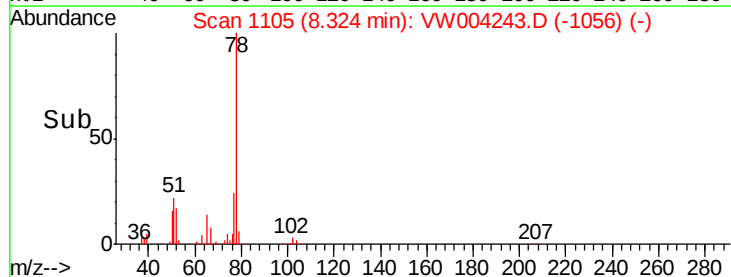
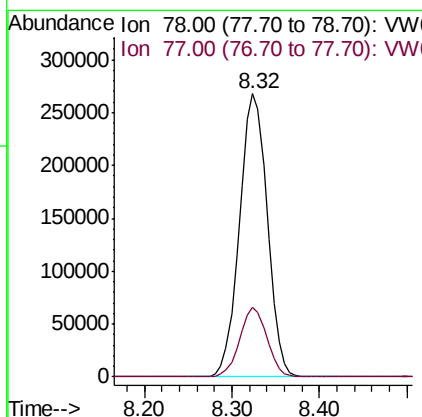
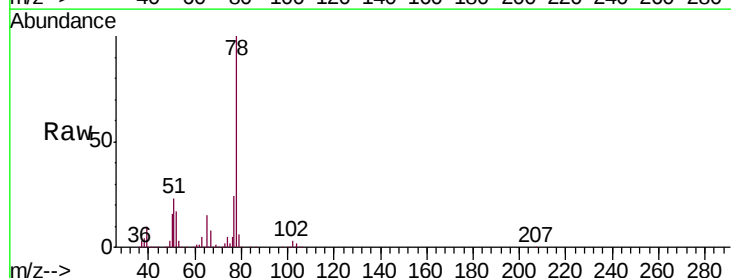
Instrument :
MSVOA_W
ClientSampleId :

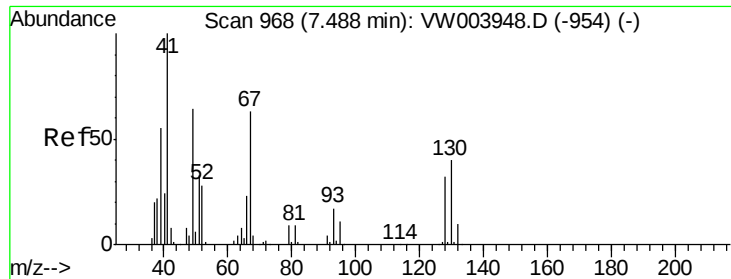
Tot Ion: 83 Resp: 228303
Ion Ratio Lower Upper
83 100
55 84.8 62.8 94.2
98 45.4 36.2 54.4



#40
Benzene
Concen: 54.589 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion: 78 Resp: 591229
Ion Ratio Lower Upper
78 100
77 24.5 19.5 29.3





#41

Methacrylonitrile

Concen: 63.505 ug/l

RT: 7.48 min Scan# 967

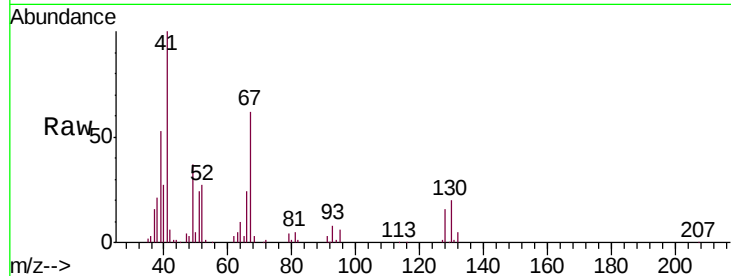
Delta R.T. -0.01 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	66257
Ion	Ratio	Lower	Upper
41	100		
39	53.1	50.0	75.0
67	63.5	60.8	91.2
52	28.4	26.2	39.4



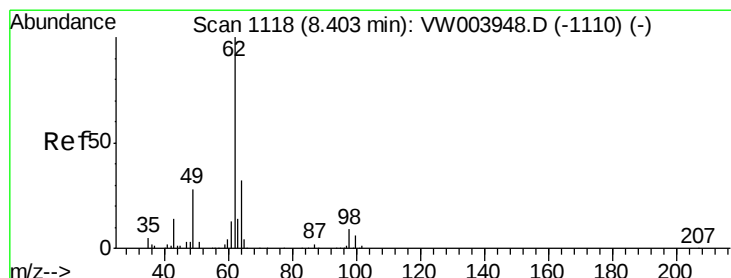
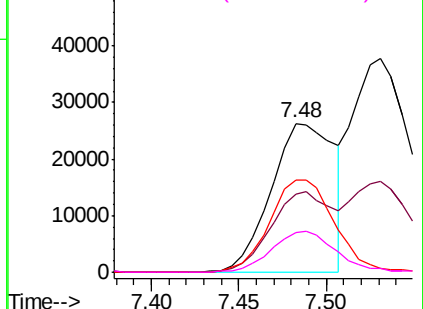
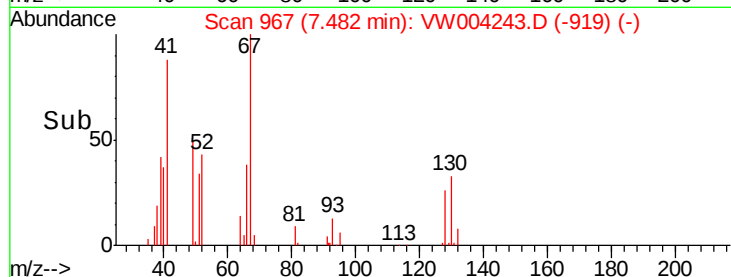
Abundance

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: 55.219 ug/l

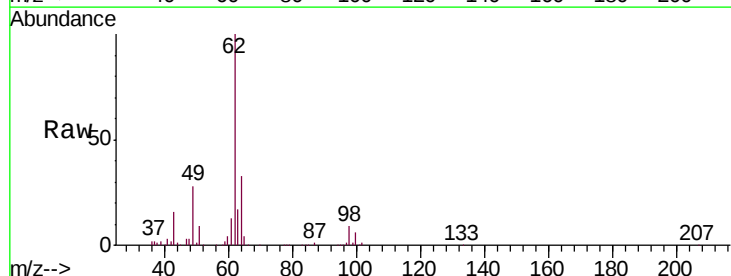
RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

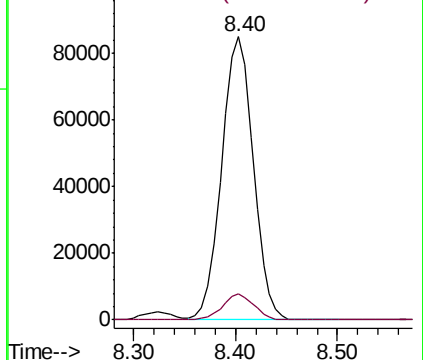
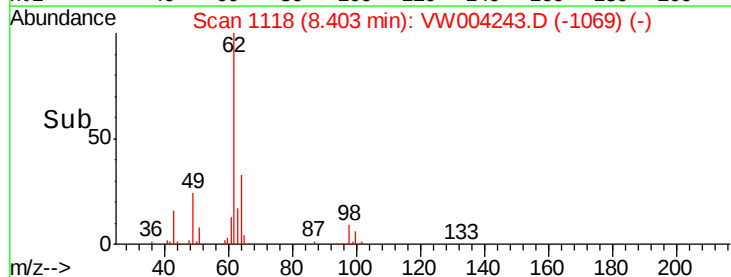
Tgt Ion:	62	Resp:	182457
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.4

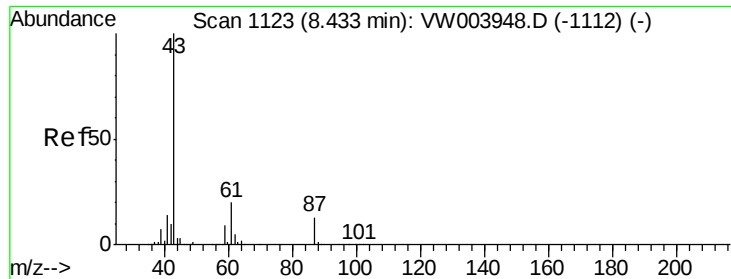


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



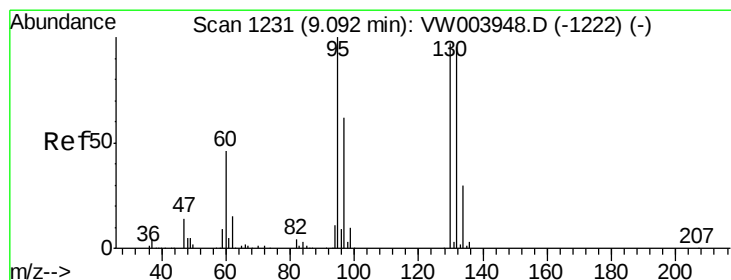
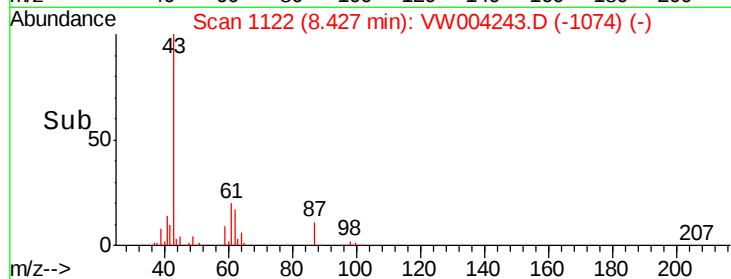
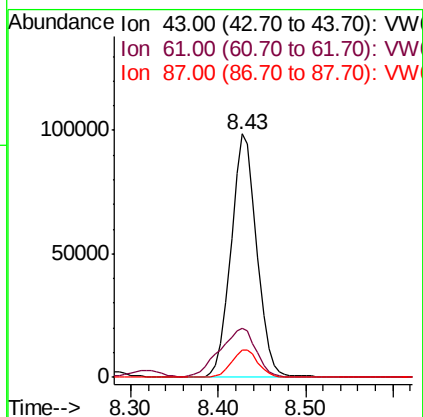
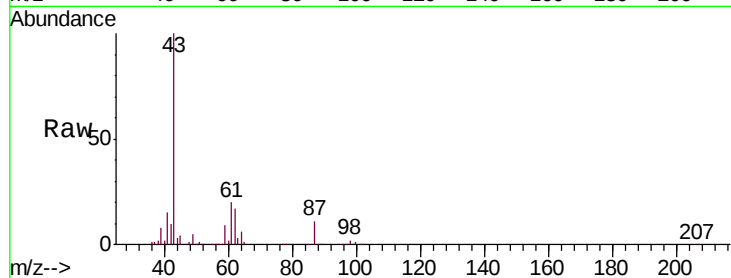


#43

Isopropyl Acetate
 Concen: 57.250 ug/l
 RT: 8.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Instrument :
 MSVOA_W
 ClientSampled :

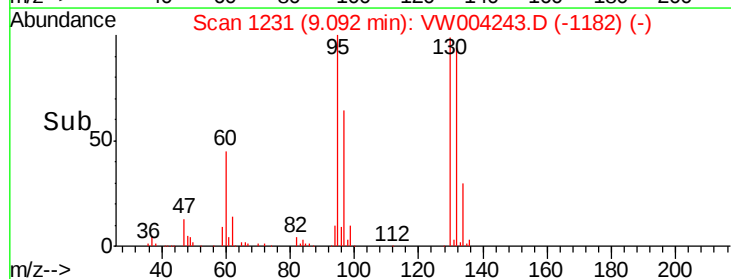
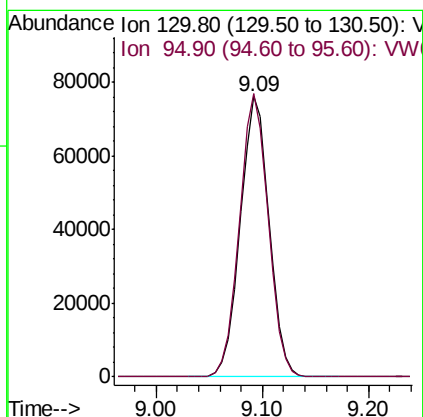
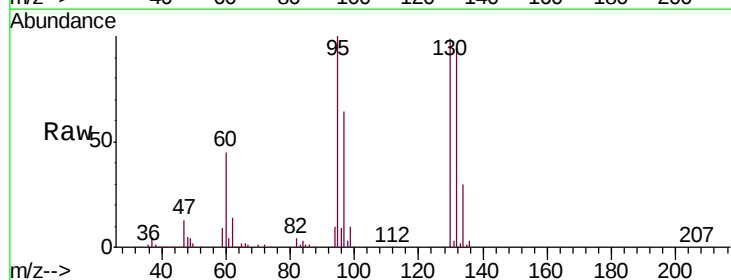
Tot Ion: 43 Resp: 201622
 Ion Ratio Lower Upper
 43 100
 61 28.6 23.0 34.6
 87 11.6 9.9 14.9

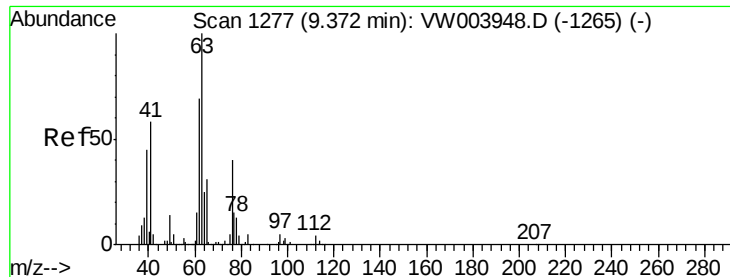


#44

Trichloroethene
 Concen: 51.585 ug/l
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Tgt Ion: 130 Resp: 144822
 Ion Ratio Lower Upper
 130 100
 95 100.9 0.0 206.8





#45

1,2-Dichloropropane

Concen: 56.626 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

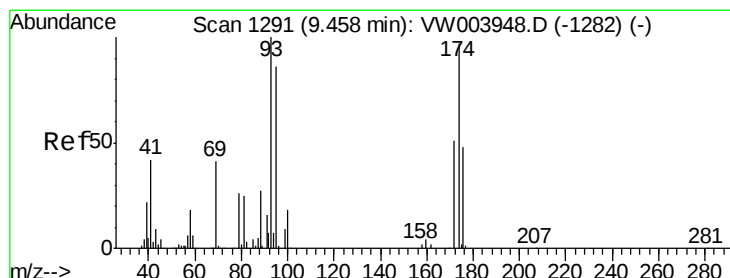
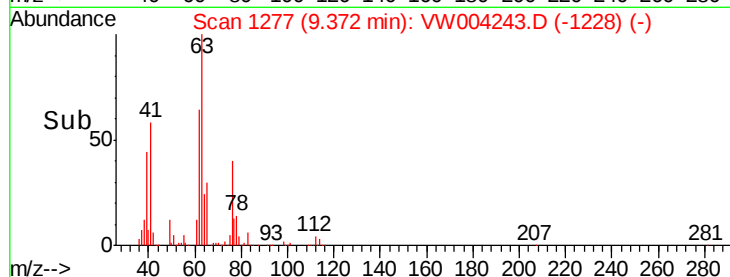
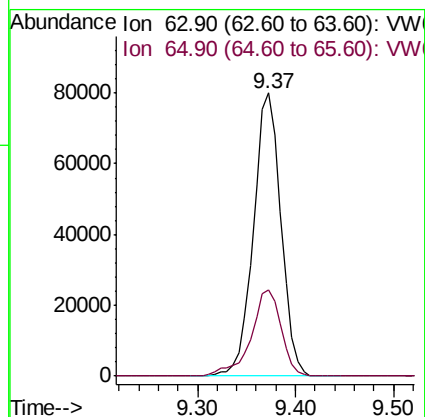
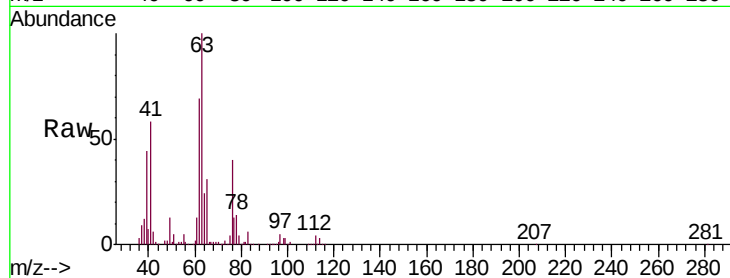
ClientSampleId :

Tot Ion: 63 Resp: 156531

Ion Ratio Lower Upper

63 100

65 30.6 24.8 37.2



#46

Dibromomethane

Concen: 56.767 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

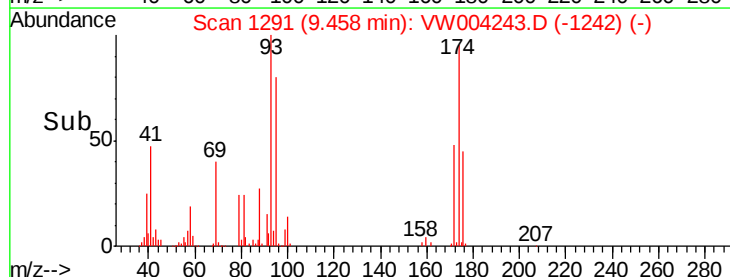
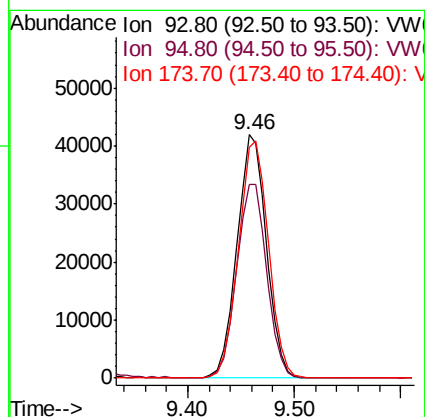
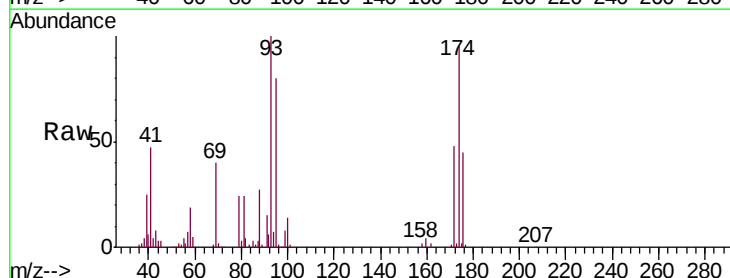
Tgt Ion: 93 Resp: 81427

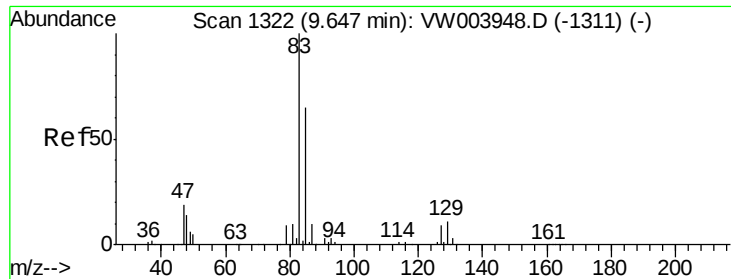
Ion Ratio Lower Upper

93 100

95 81.7 66.9 100.3

174 99.3 80.2 120.2

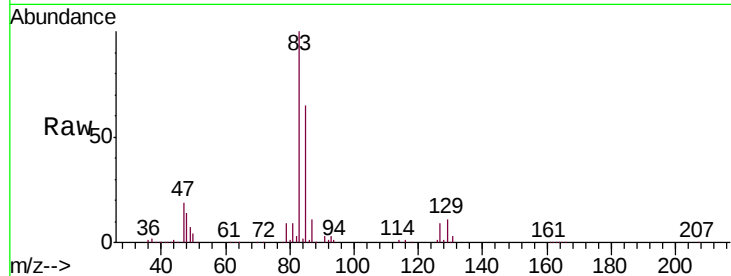




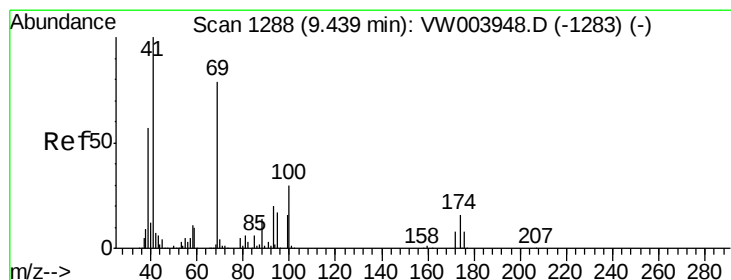
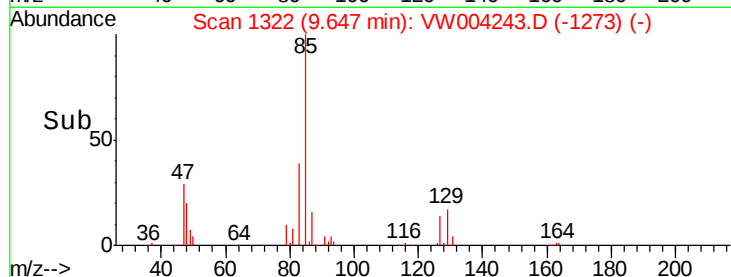
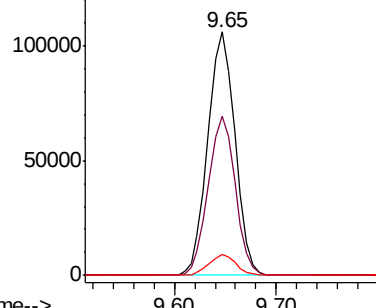
#47
Bromodichloromethane
Concen: 55.493 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 196232
Ion Ratio Lower Upper
83 100
85 65.2 52.2 78.2
127 8.8 7.0 10.4

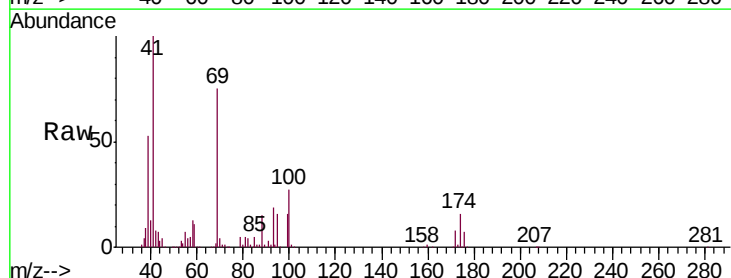


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

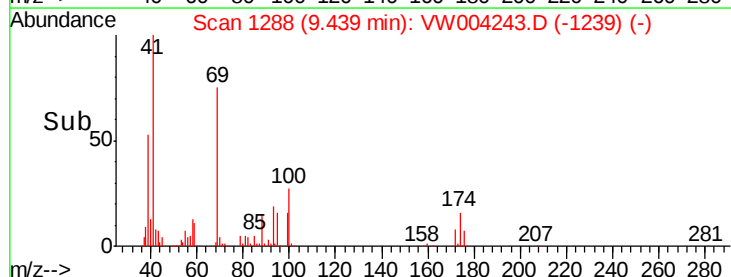
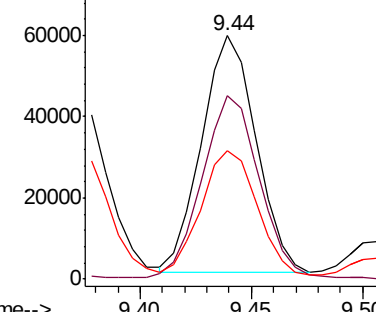


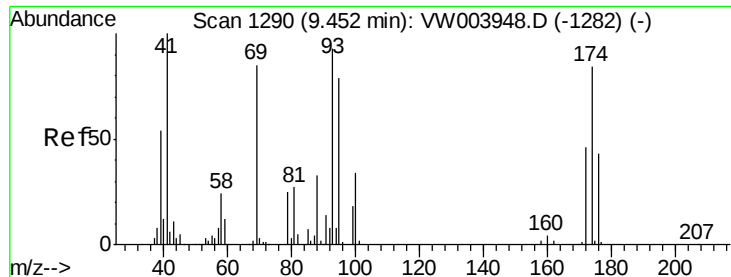
#48
Methyl methacrylate
Concen: 58.027 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion: 41 Resp: 98832
Ion Ratio Lower Upper
41 100
69 83.3 67.0 100.6
39 57.6 48.8 73.2



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1256.513 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampled :

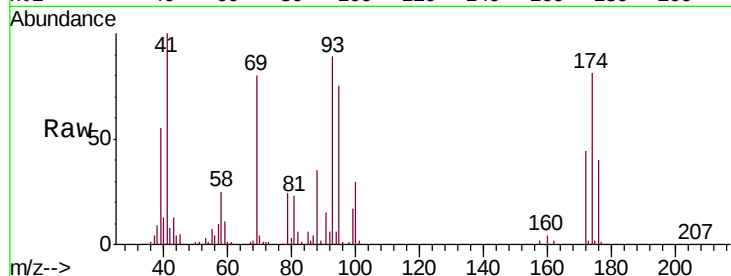
Tot Ion: 88 Resp: 27705

Ion Ratio Lower Upper

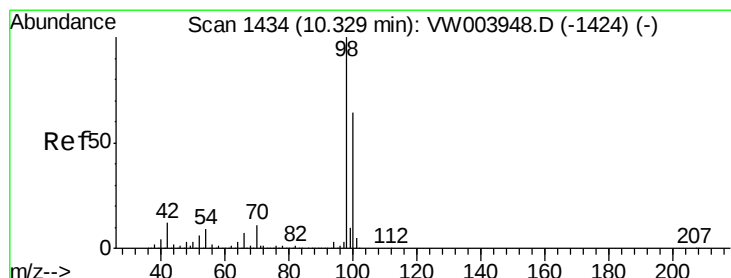
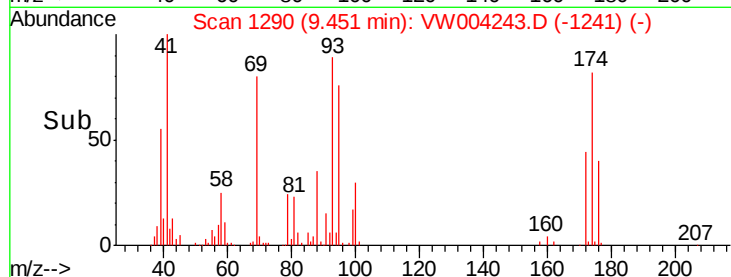
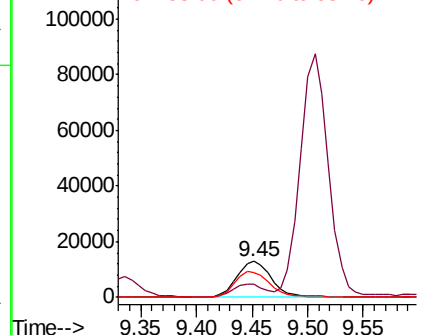
88 100

43 34.6 27.3 40.9

58 73.8 61.1 91.7



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: 57.199 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004243.D

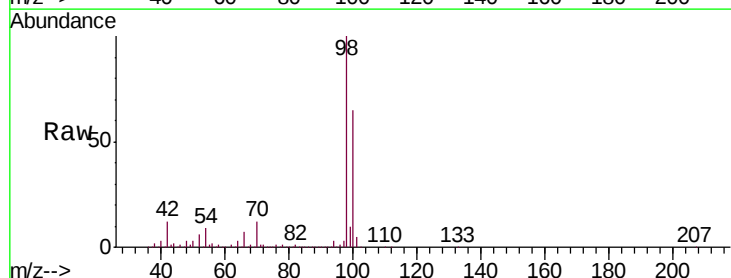
Acq: 26 Jul 2018 23:45

Tgt Ion: 98 Resp: 540333

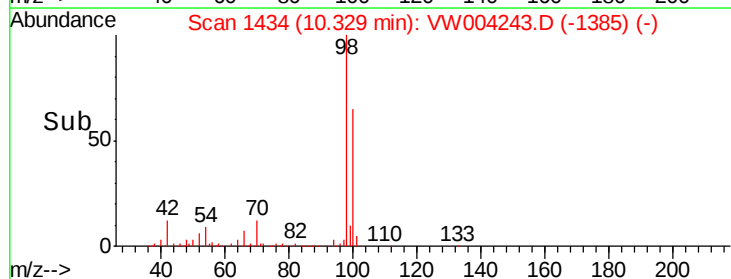
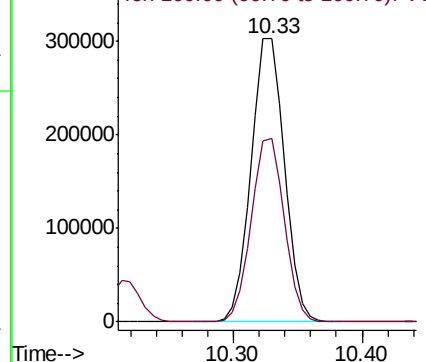
Ion Ratio Lower Upper

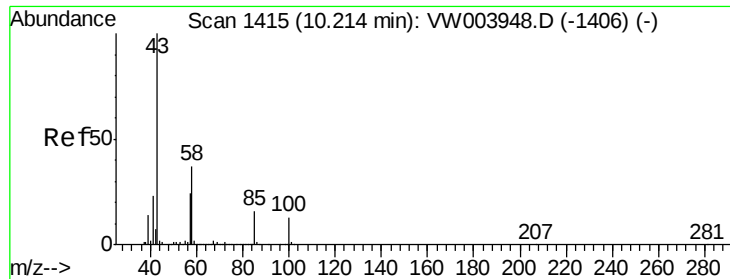
98 100

100 64.3 51.2 76.8



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: 300.099 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

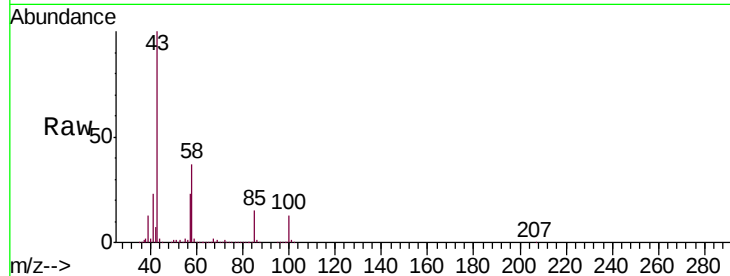
ClientSampled :

Tot Ion: 43 Resp: 563067

Ion Ratio Lower Upper

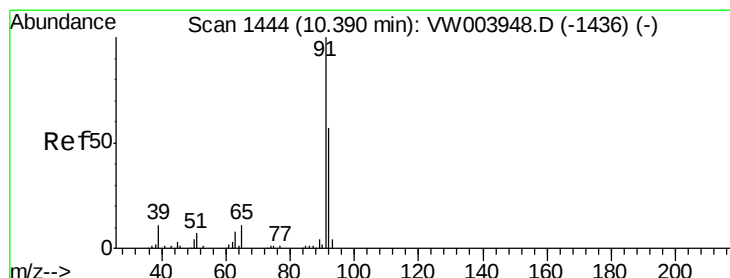
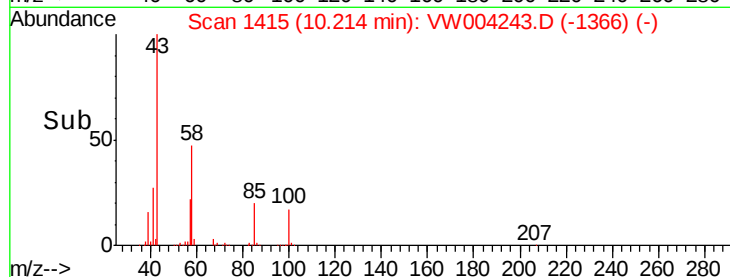
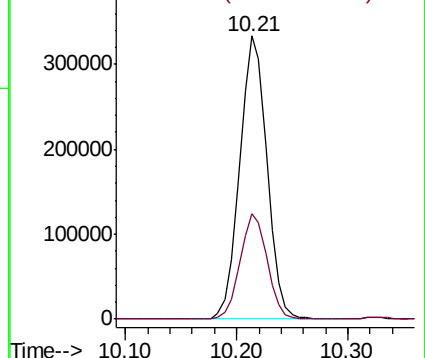
43 100

58 37.1 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 54.777 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004243.D

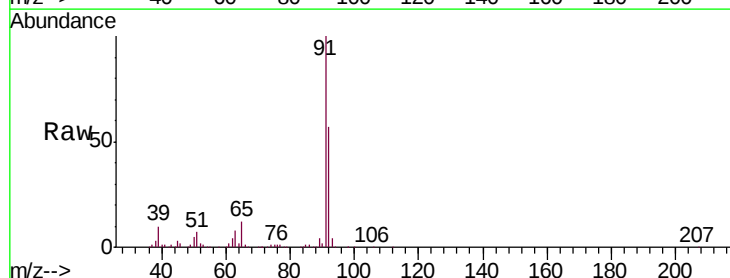
Acq: 26 Jul 2018 23:45

Tgt Ion: 92 Resp: 366861

Ion Ratio Lower Upper

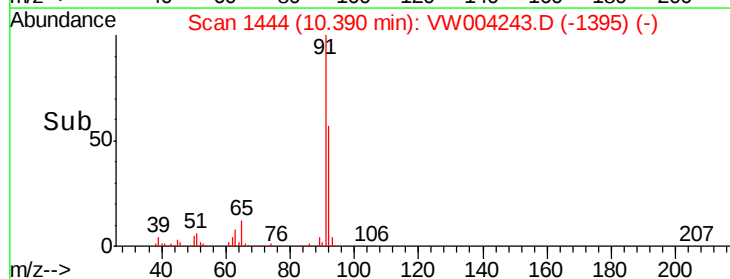
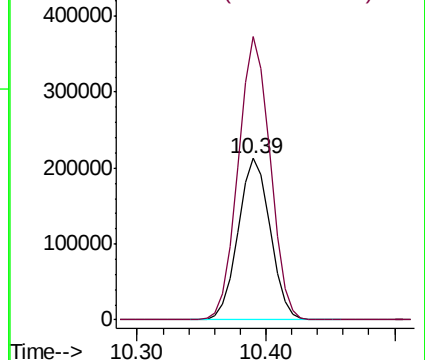
92 100

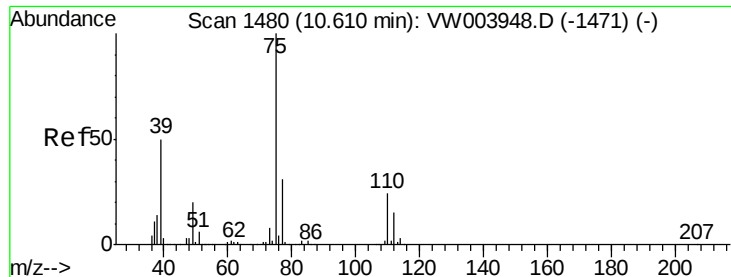
91 174.5 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 53.738 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

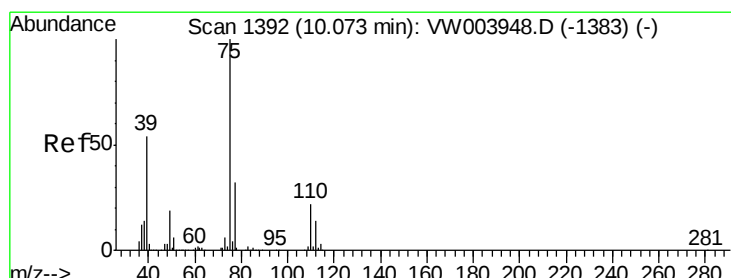
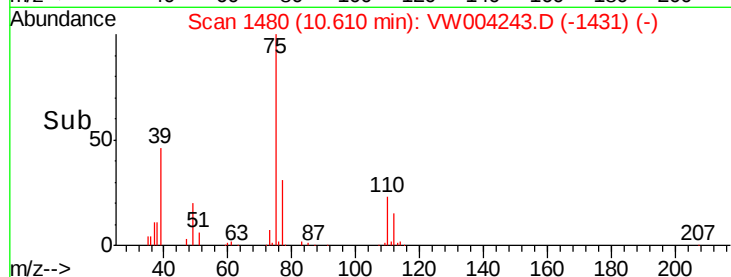
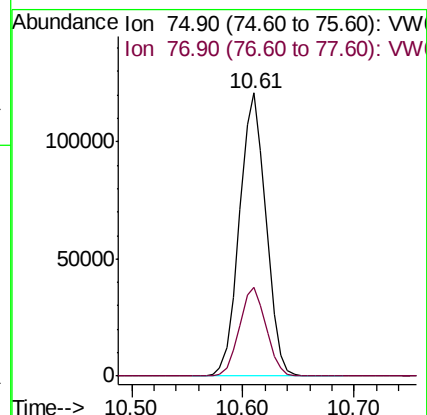
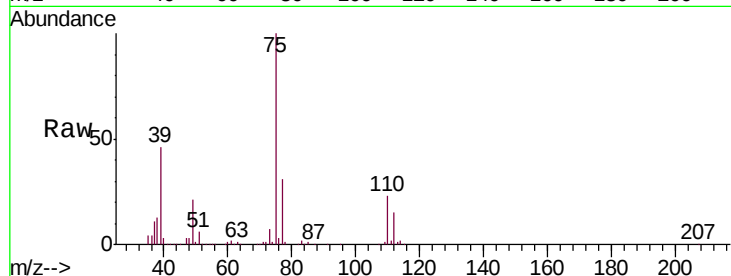
ClientSampled :

Tot Ion: 75 Resp: 198711

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 53.710 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

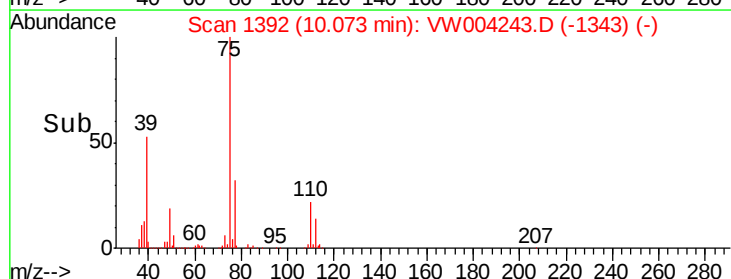
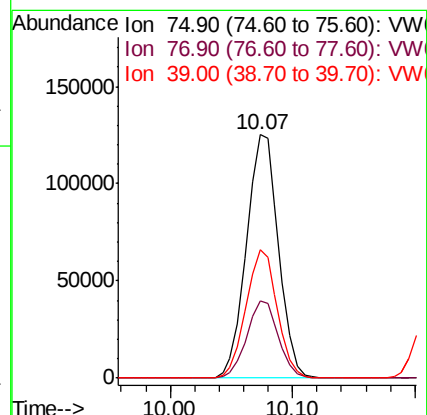
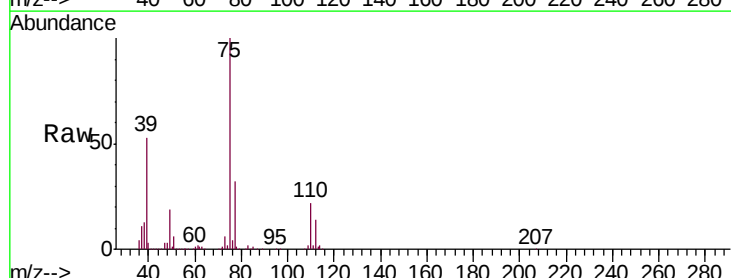
Tgt Ion: 75 Resp: 227202

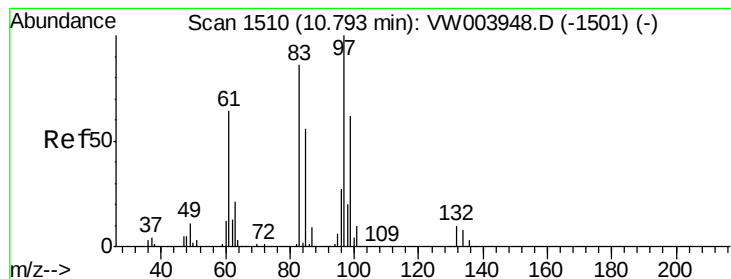
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

39 52.7 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 57.156 ug/l

RT: 10.79 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 97 Resp: 115306

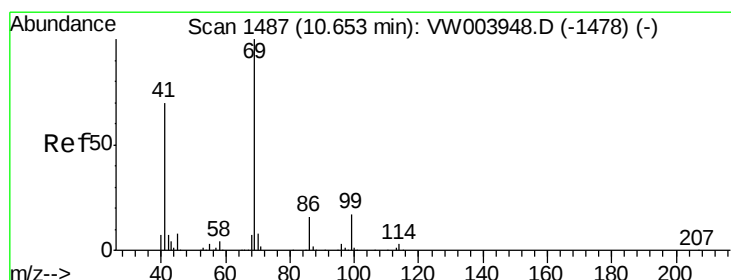
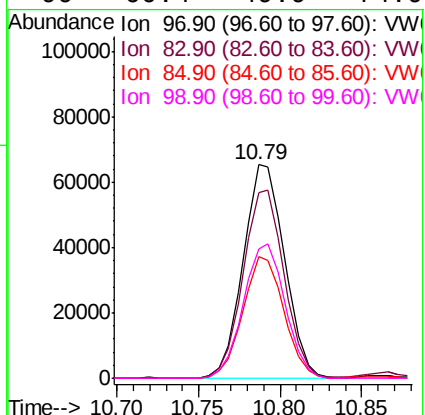
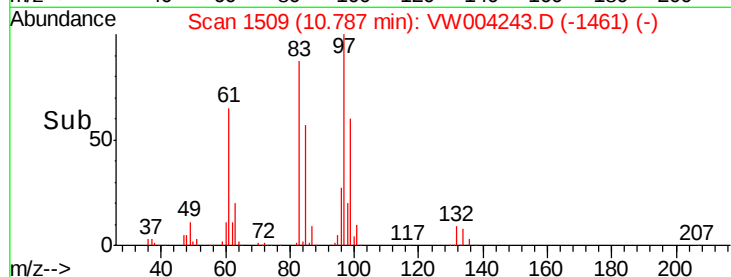
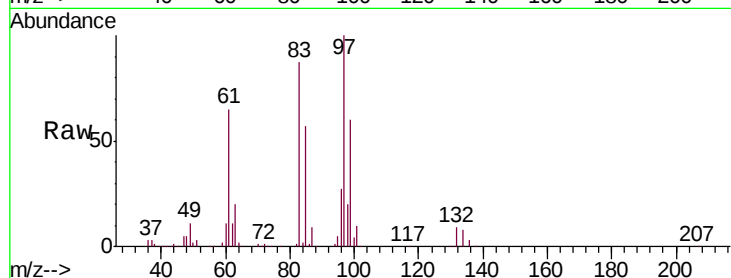
Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.0	103.4
85	56.7	45.0	67.6
99	60.4	49.9	74.9

97 100

83 86.8 69.0 103.4

85 56.7 45.0 67.6

99 60.4 49.9 74.9



#56

Ethyl methacrylate

Concen: 52.374 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

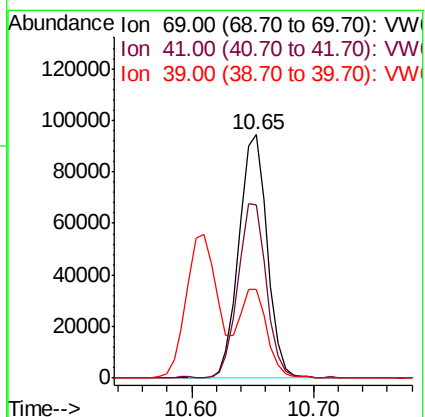
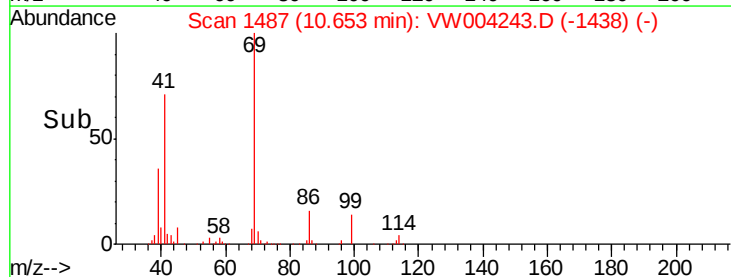
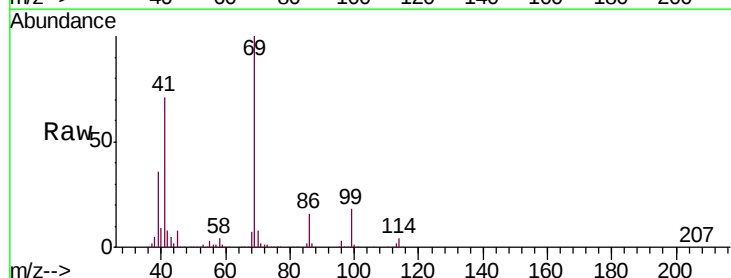
Tgt Ion: 69 Resp: 151560

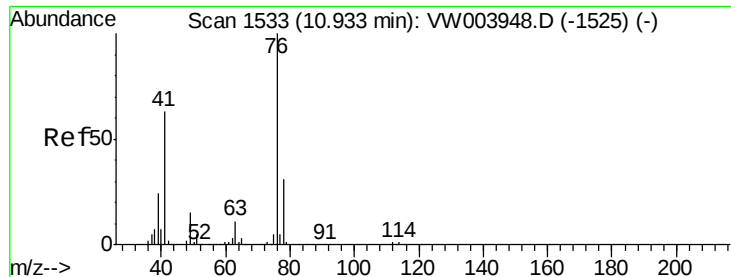
Ion	Ratio	Lower	Upper
69	100		
41	71.2	56.5	84.7
39	33.1	30.2	45.4

69 100

41 71.2 56.5 84.7

39 33.1 30.2 45.4





#57

1,3-Dichloropropane

Concen: 56.658 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

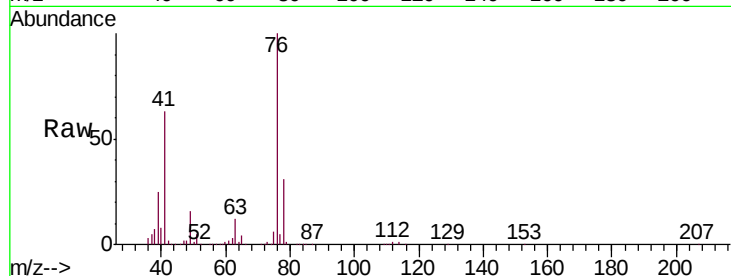
ClientSampleId :

Tot Ion: 76 Resp: 198588

Ion Ratio Lower Upper

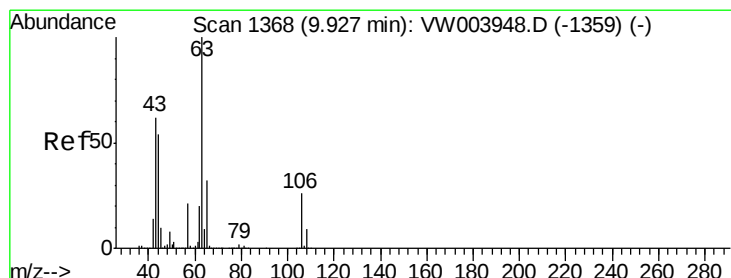
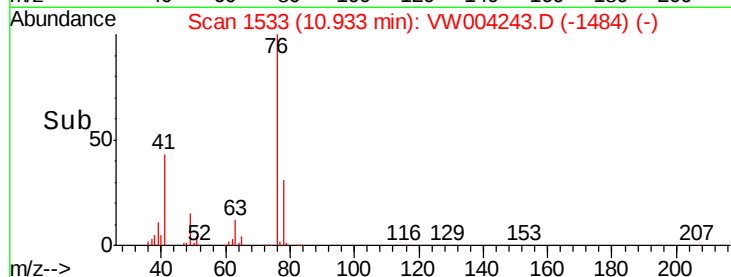
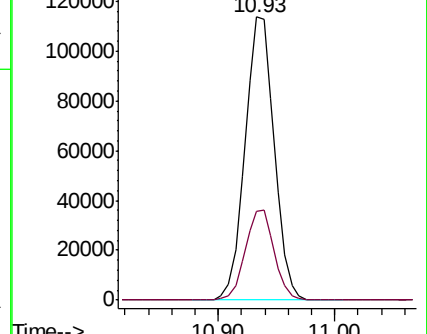
76 100

78 31.7 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 307.963 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VW004243.D

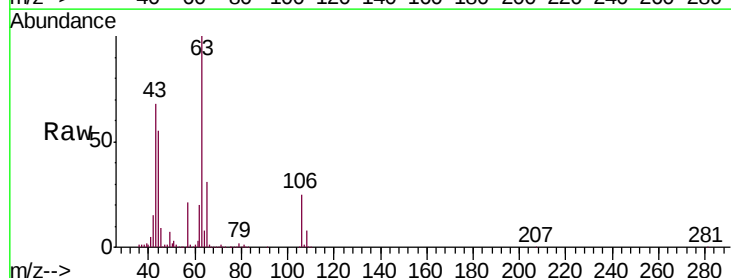
Acq: 26 Jul 2018 23:45

Tgt Ion: 63 Resp: 368568

Ion Ratio Lower Upper

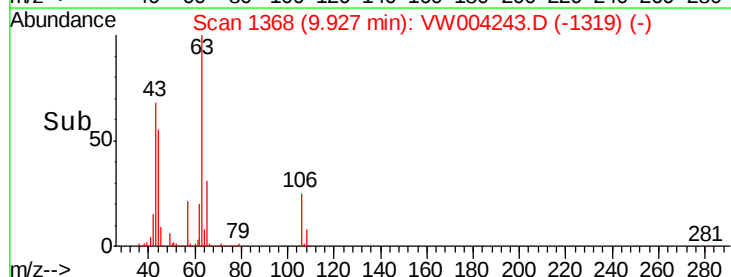
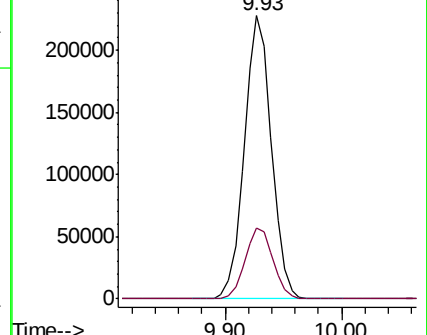
63 100

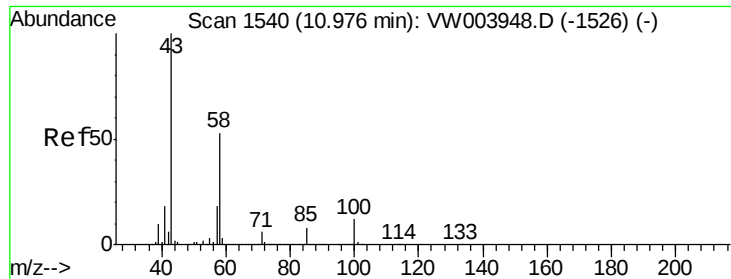
106 25.8 21.2 31.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

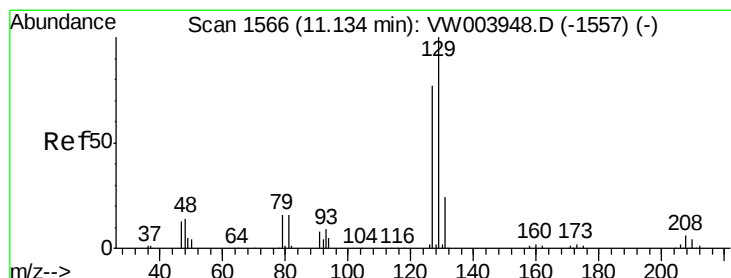
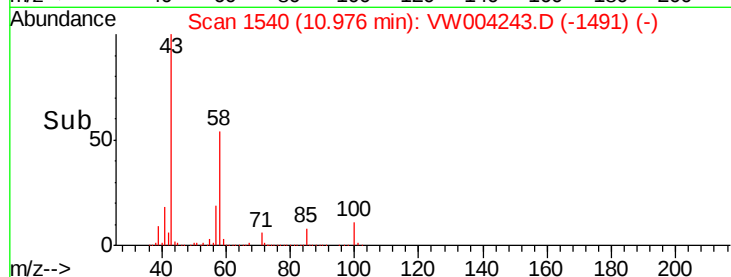
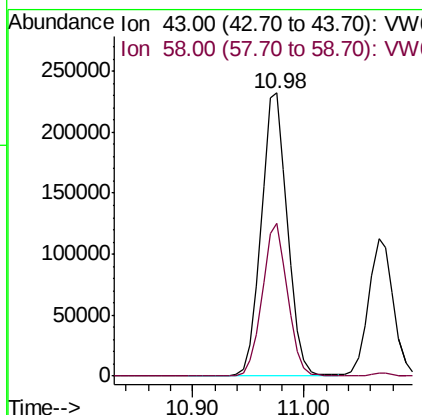
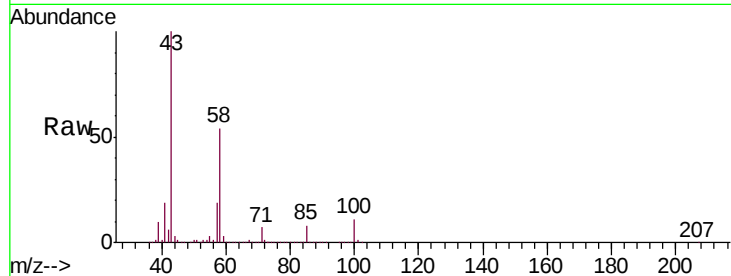




#59
2-Hexanone
Concen: 288.118 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

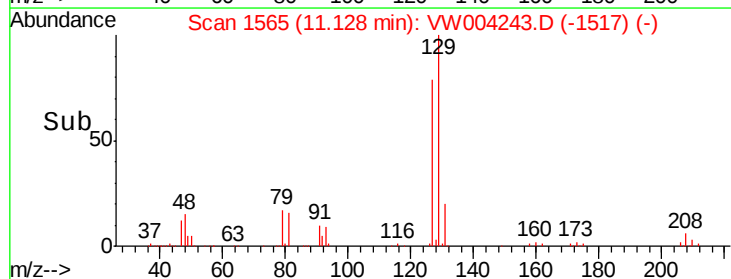
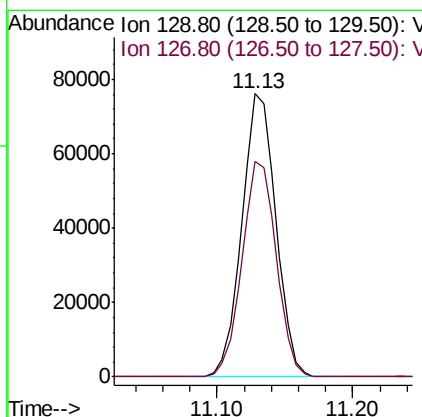
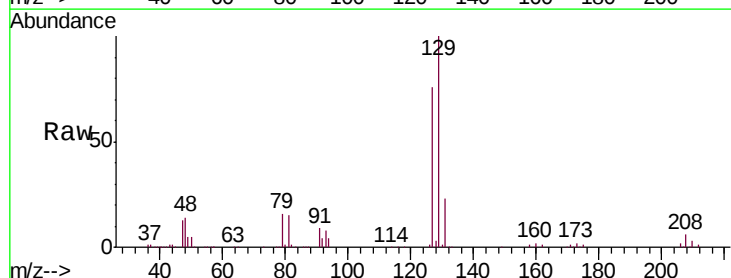
Instrument :
MSVOA_W
ClientSampled :

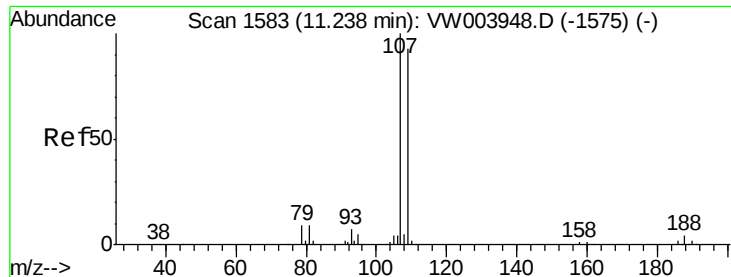
Tot Ion: 43 Resp: 381013
Ion Ratio Lower Upper
43 100
58 52.1 26.0 78.0



#60
Dibromochloromethane
Concen: 56.763 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion: 129 Resp: 133357
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.3

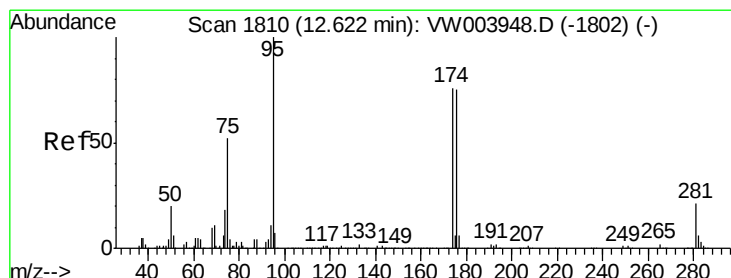
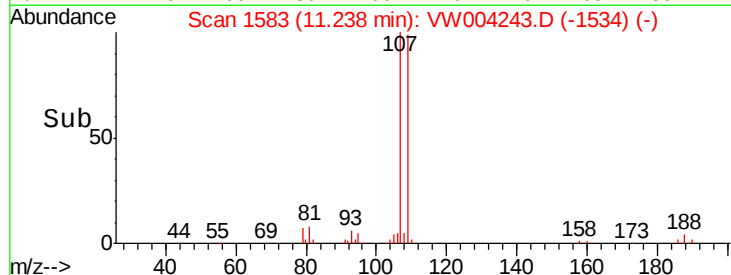
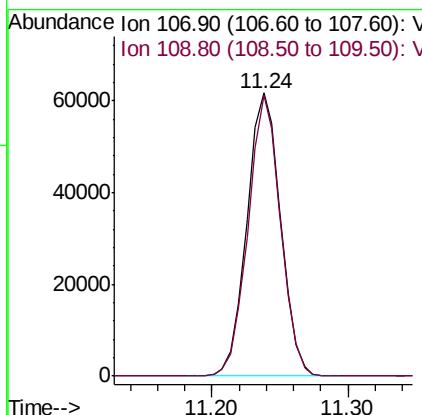
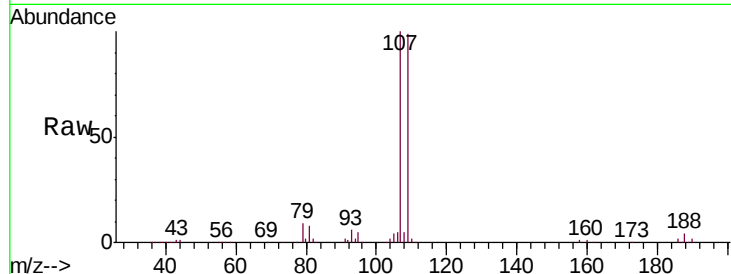




#61
 1,2-Dibromoethane
 Concen: 55.815 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

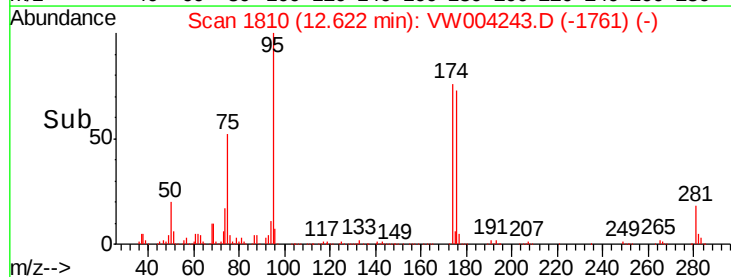
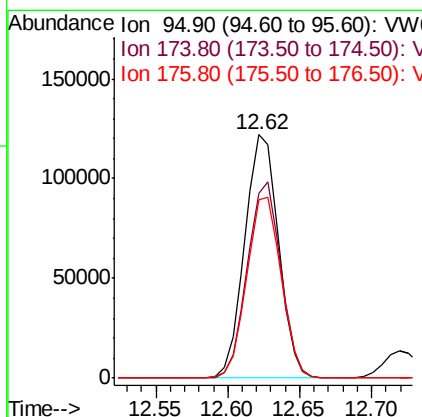
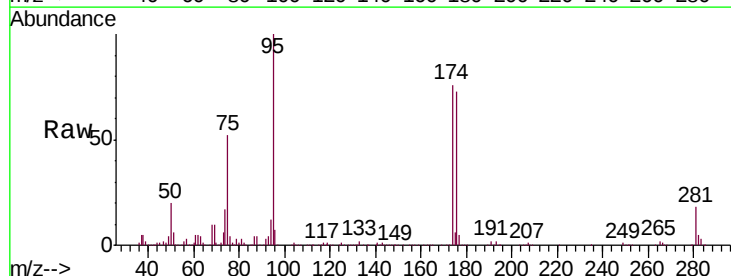
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:107 Resp: 107141
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 57.959 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Tgt Ion: 95 Resp: 197436
 Ion Ratio Lower Upper
 95 100
 174 80.0 0.0 160.2
 176 76.0 0.0 155.8

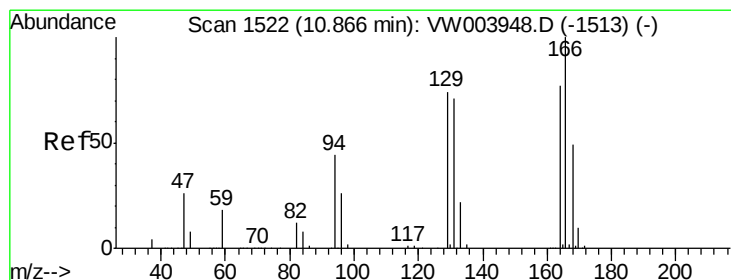
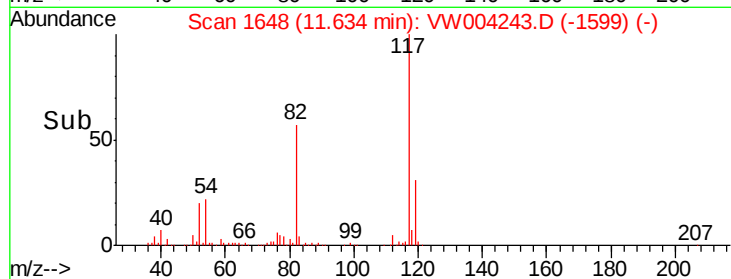
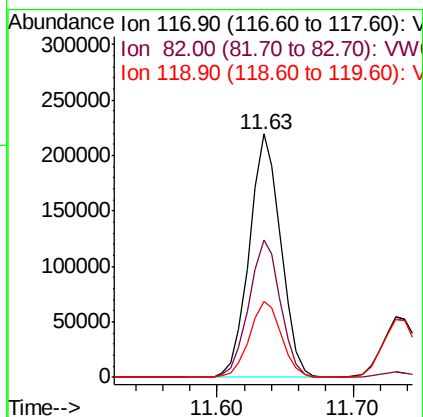
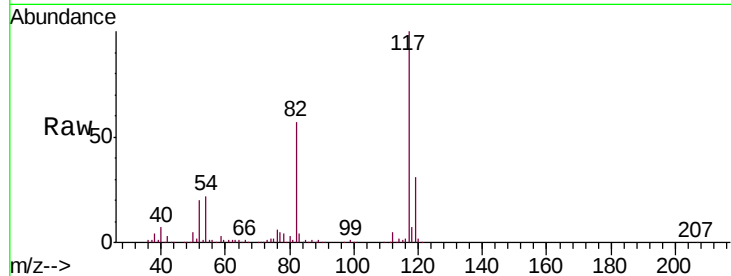




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

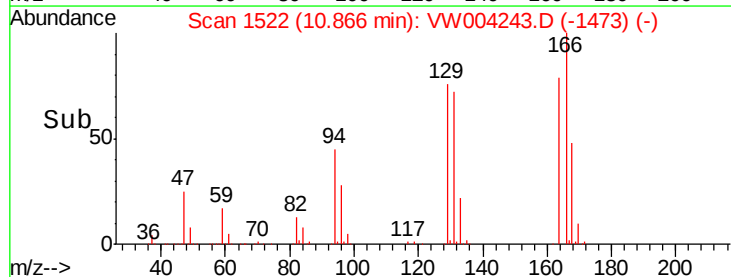
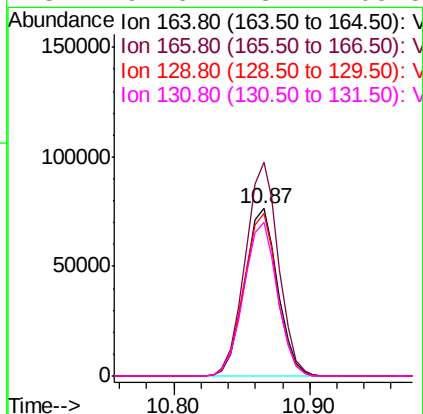
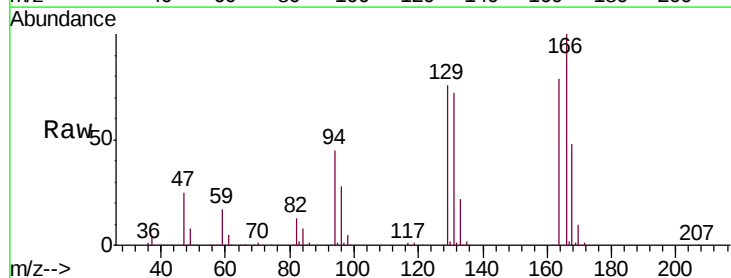
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 354640
Ion Ratio Lower Upper
117 100
82 56.6 46.5 69.7
119 31.3 26.2 39.2



#64
Tetrachloroethene
Concen: 53.755 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion:164 Resp: 130805
Ion Ratio Lower Upper
164 100
166 127.4 103.5 155.3
129 97.0 76.8 115.2
131 91.6 73.2 109.8

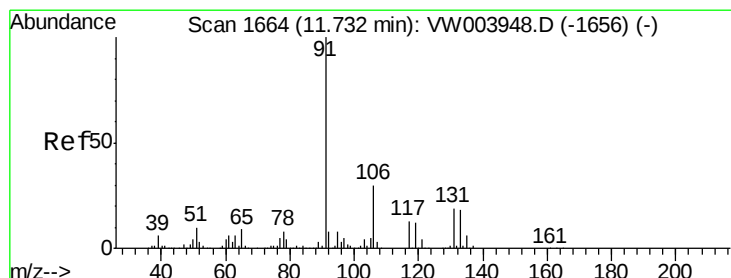
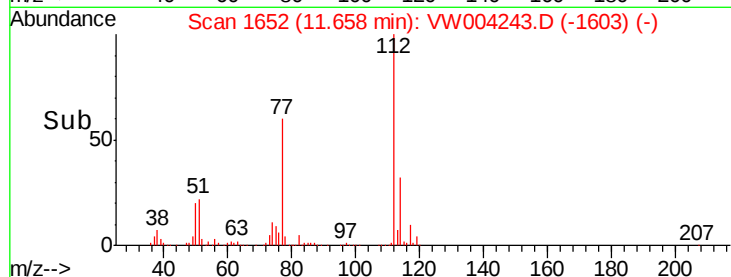
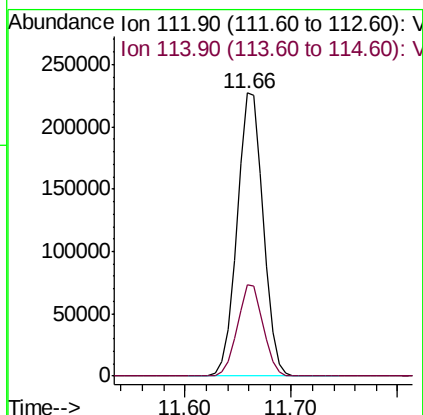
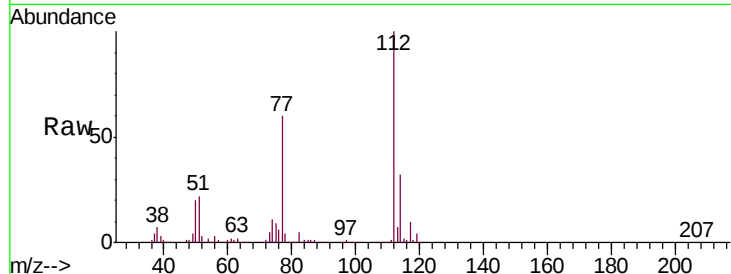




#65
Chlorobenzene
Concen: 51.717 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

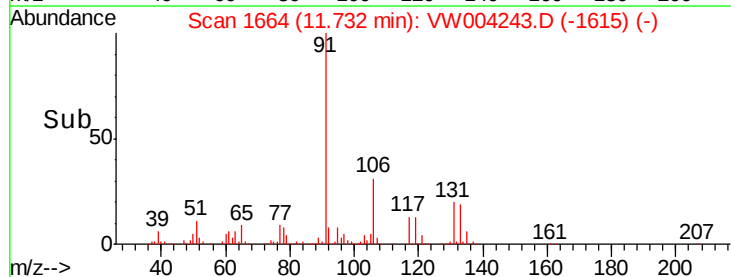
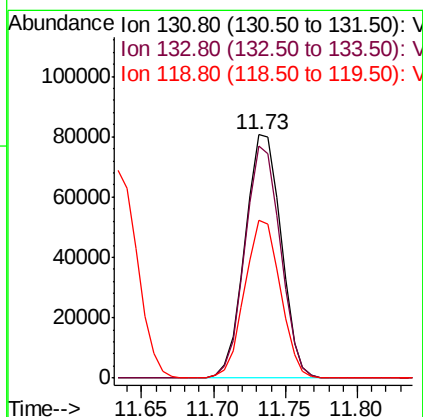
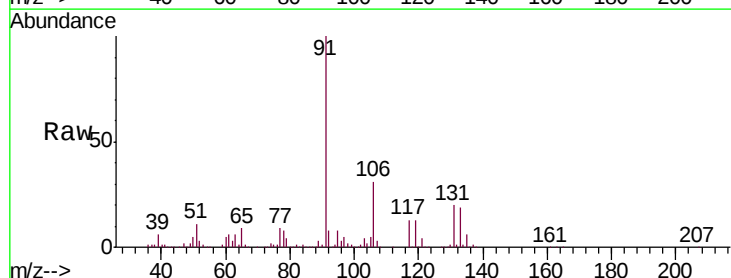
Instrument :
MSVOA_W
ClientSampled :

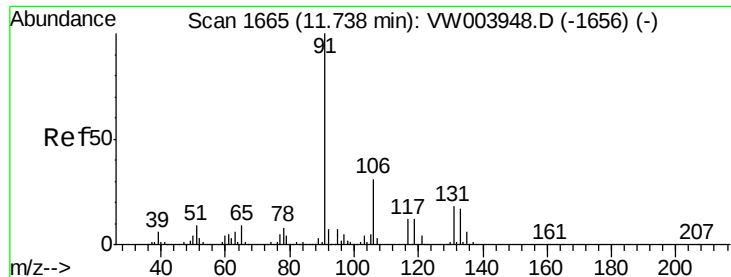
Tot Ion:112 Resp: 389999
Ion Ratio Lower Upper
112 100
114 32.3 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.414 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion:131 Resp: 139973
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.8
119 64.2 32.5 97.5





#67

Ethyl Benzene

Concen: 51.754 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

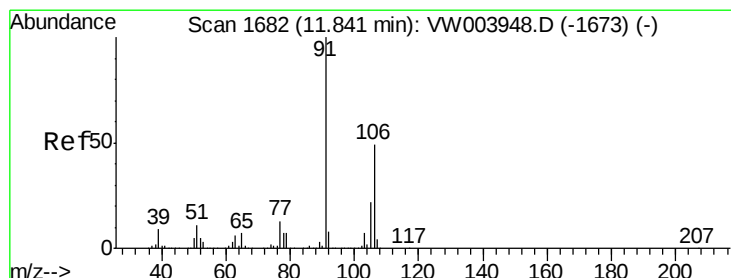
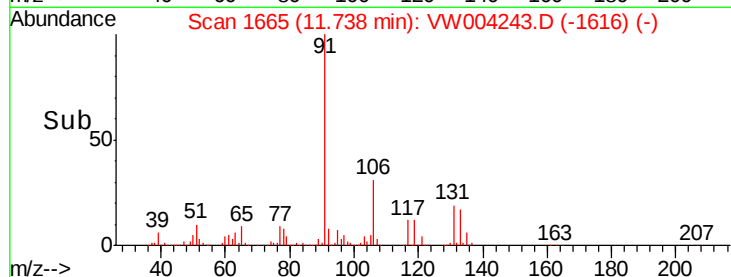
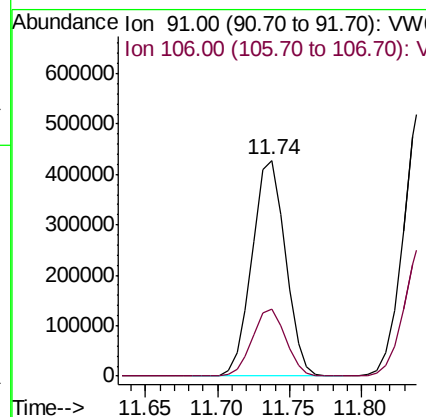
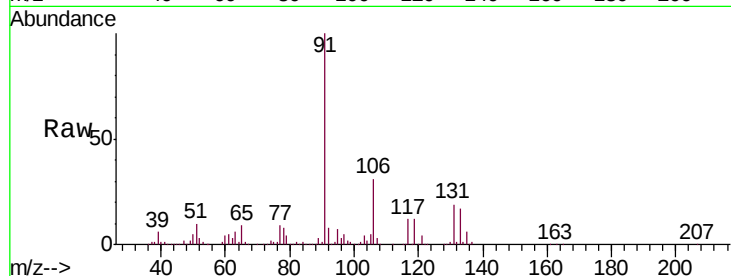
ClientSampleId :

Tot Ion: 91 Resp: 685589

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.4



#68

m/p-Xylenes

Concen: 103.877 ug/l

RT: 11.84 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VW004243.D

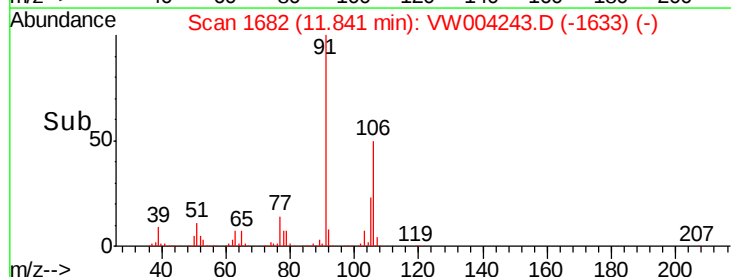
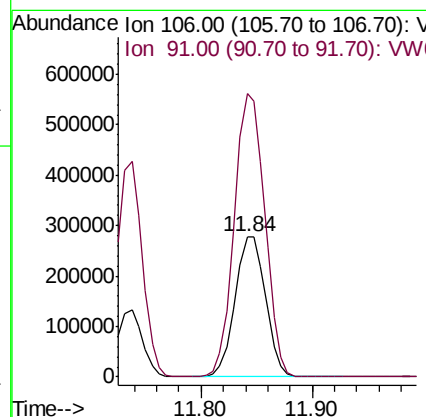
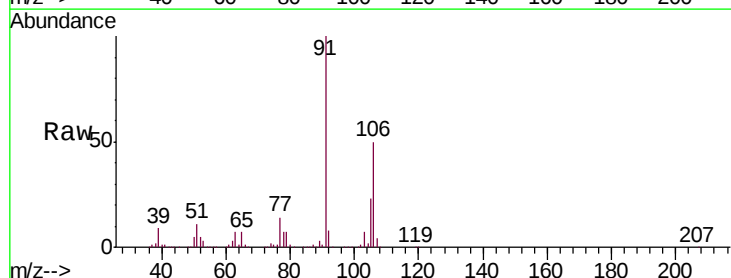
Acq: 26 Jul 2018 23:45

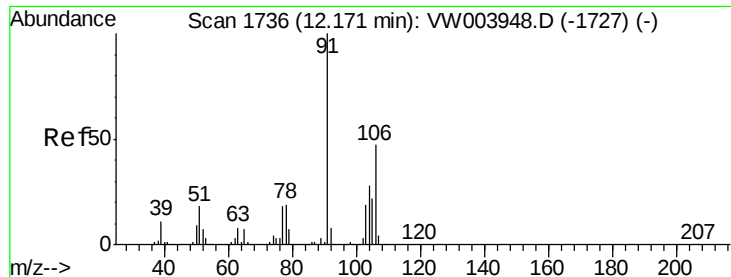
Tgt Ion: 106 Resp: 525938

Ion Ratio Lower Upper

106 100

91 202.8 164.2 246.2

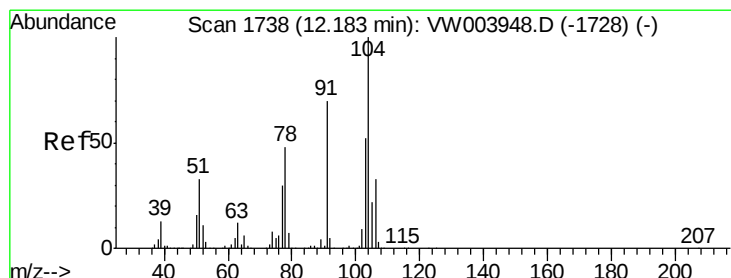
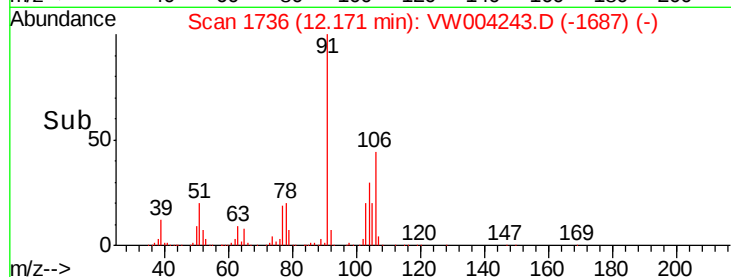
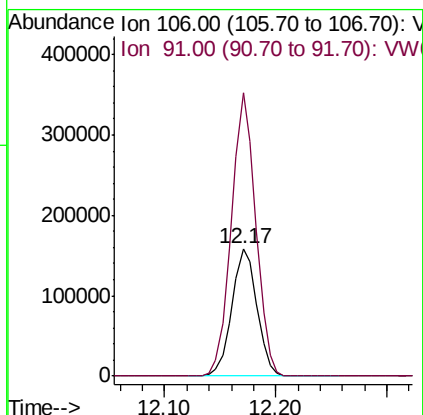
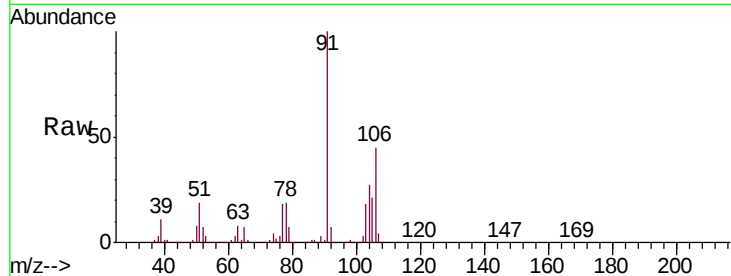




#69
o-Xylene
Concen: 52.445 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

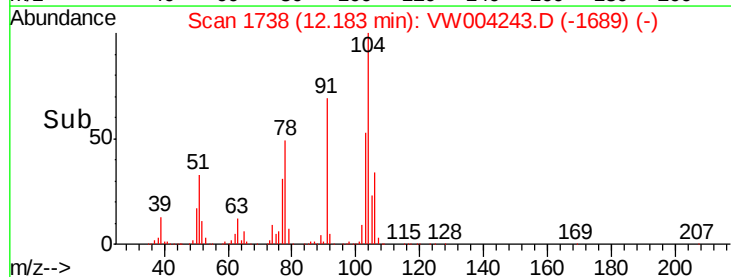
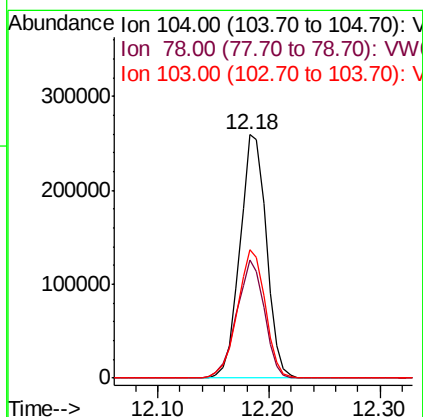
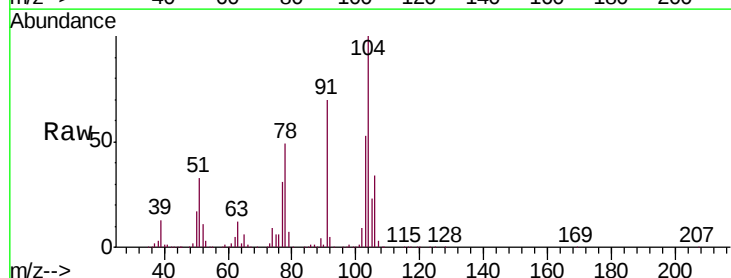
Instrument :
MSVOA_W
ClientSampled :

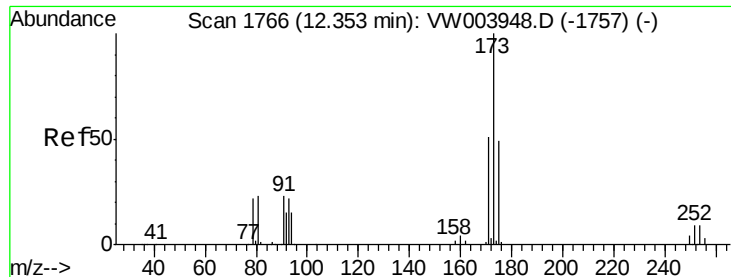
Tot Ion:106 Resp: 246316
Ion Ratio Lower Upper
106 100
91 216.9 107.5 322.6



#70
Styrene
Concen: 54.411 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion:104 Resp: 426837
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.4
103 55.4 44.6 67.0

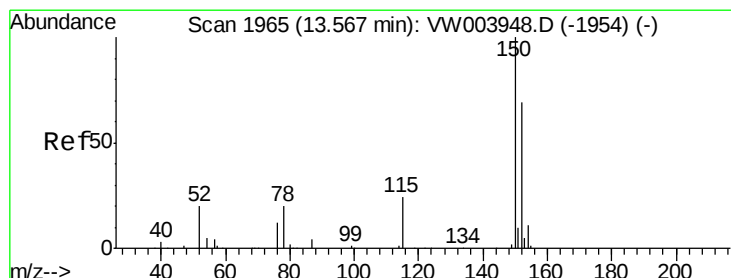
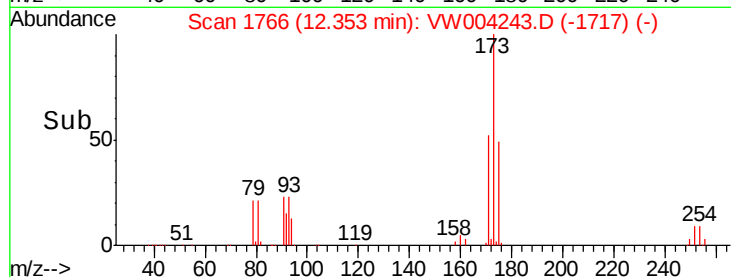
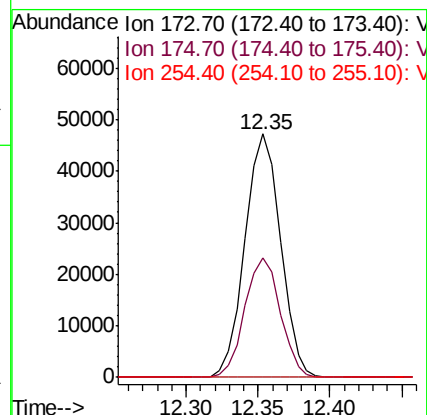
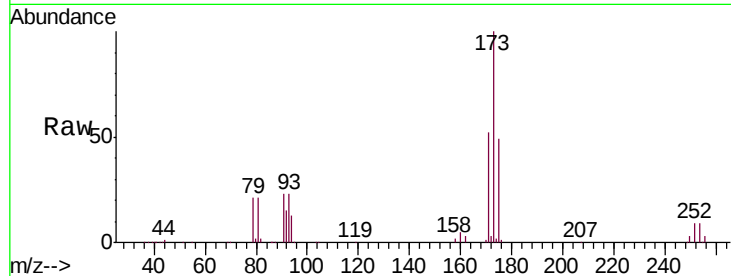




#71
Bromoform
Concen: 54.708 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

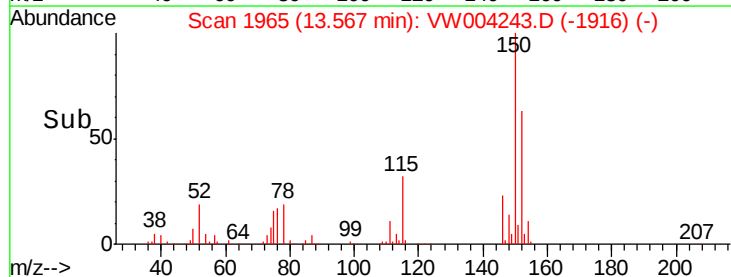
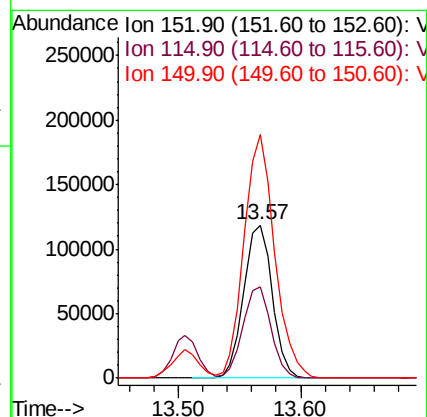
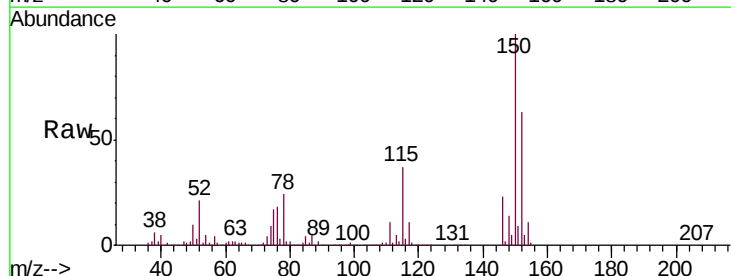
Instrument :
MSVOA_W
ClientSampleId :

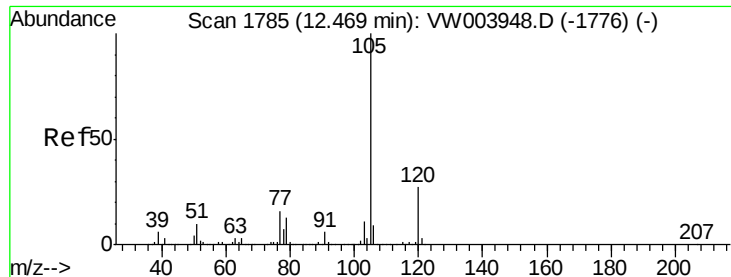
Tot Ion:173 Resp: 80944
Ion Ratio Lower Upper
173 100
175 49.0 24.4 73.2
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion:152 Resp: 192099
Ion Ratio Lower Upper
152 100
115 58.5 29.2 87.6
150 170.6 0.0 345.2





#73

Isopropylbenzene

Concen: 49.811 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

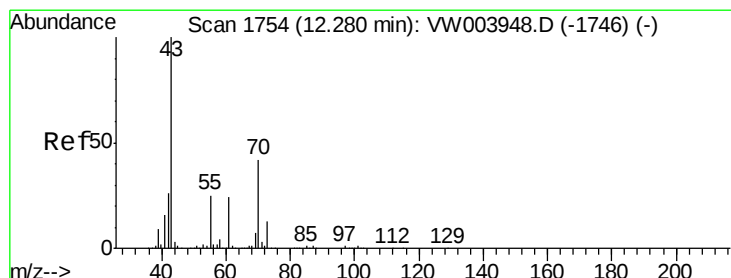
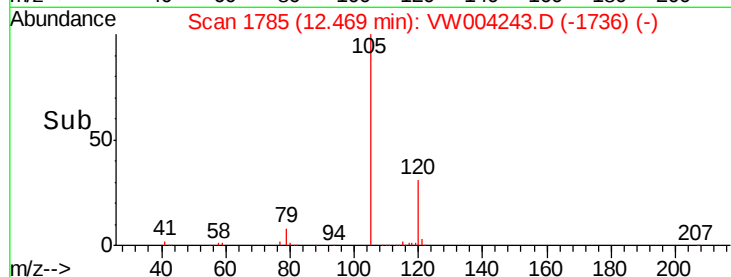
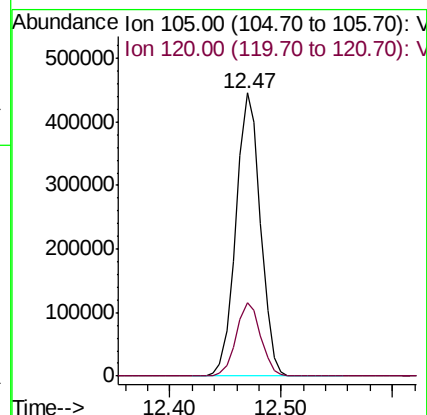
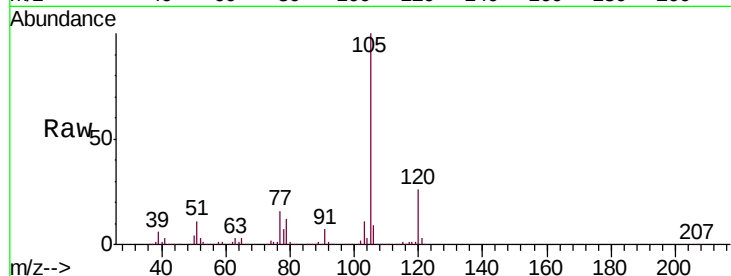
ClientSampled :

Tot Ion:105 Resp: 676140

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 53.556 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Tgt Ion: 43 Resp: 189423

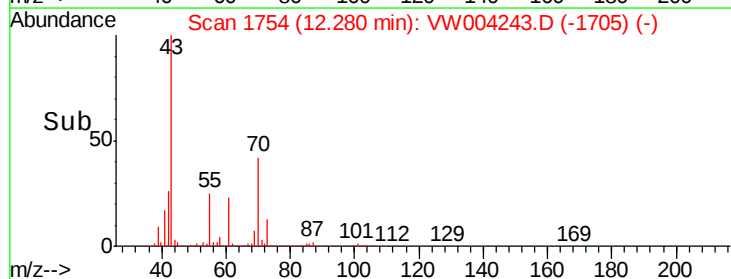
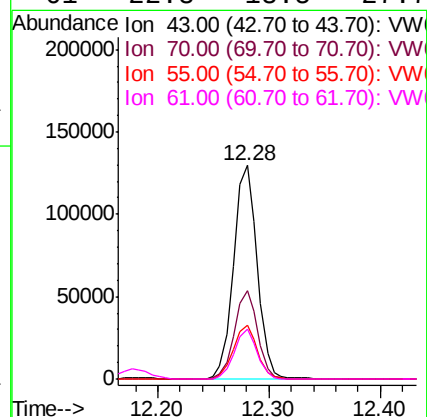
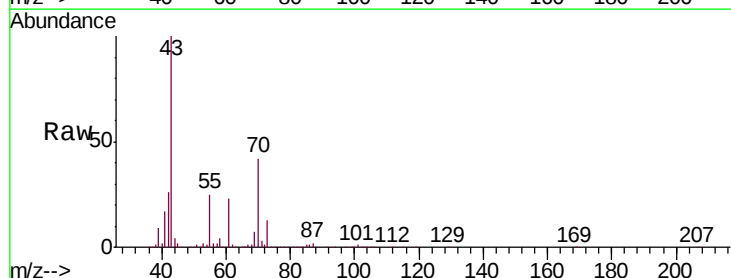
Ion Ratio Lower Upper

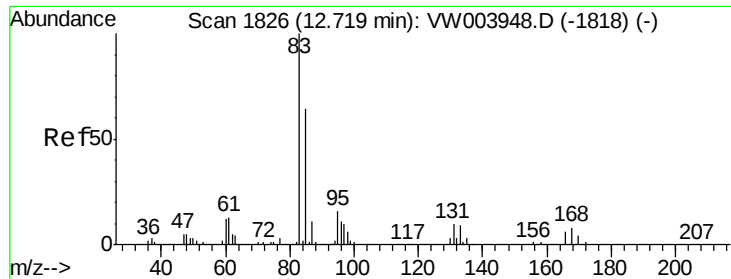
43 100

70 40.7 31.6 47.4

55 25.8 20.0 30.0

61 22.8 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.801 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampled :

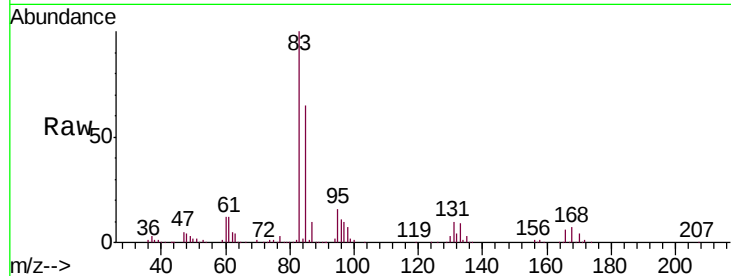
Tot Ion: 83 Resp: 141234

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

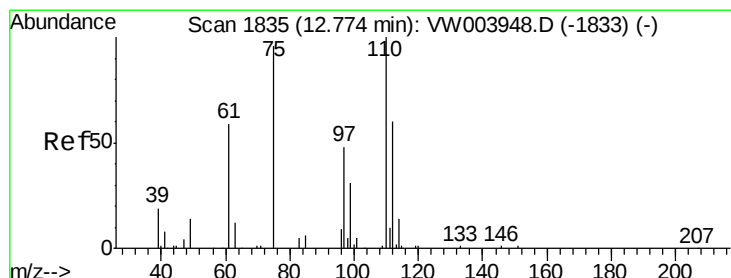
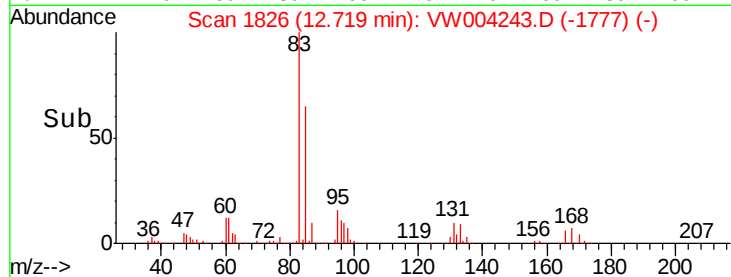
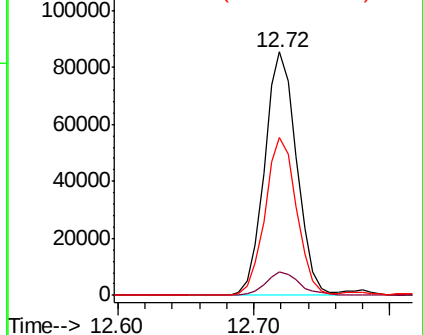
85 64.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 96.454 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004243.D

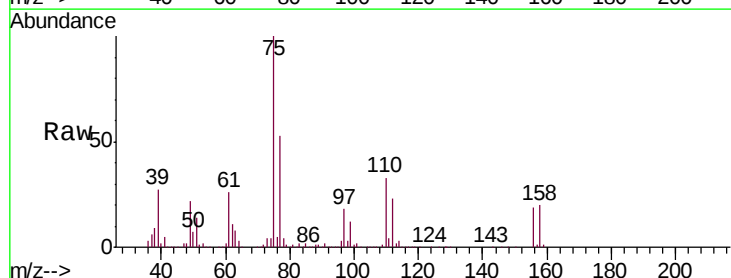
Acq: 26 Jul 2018 23:45

Tgt Ion: 75 Resp: 183948

Ion Ratio Lower Upper

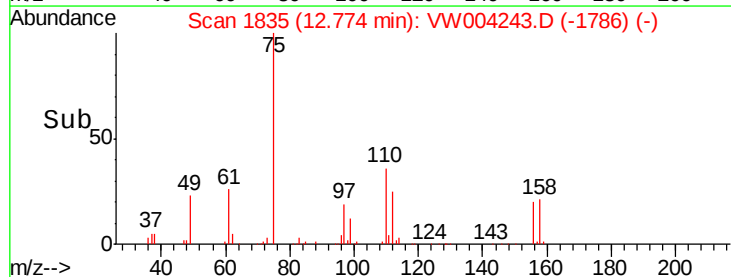
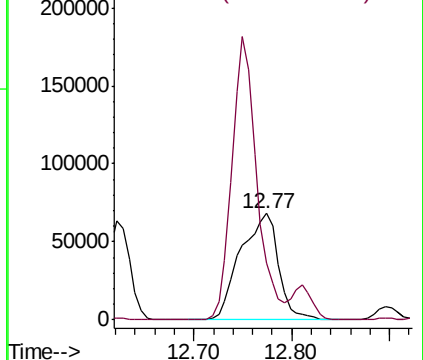
75 100

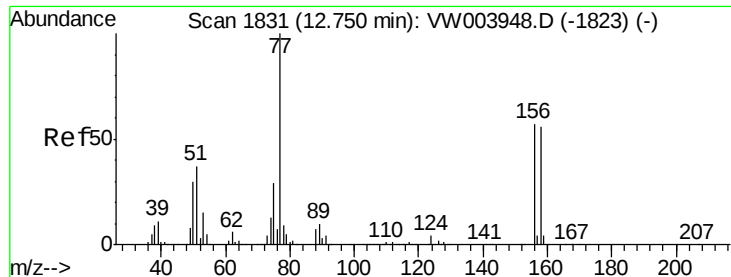
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.695 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

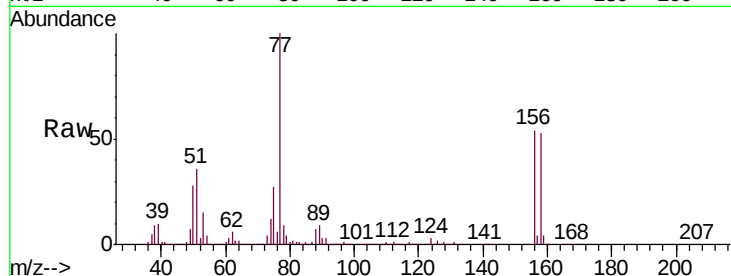
Tot Ion:156 Resp: 164660

Ion Ratio Lower Upper

156 100

77 195.6 96.2 288.6

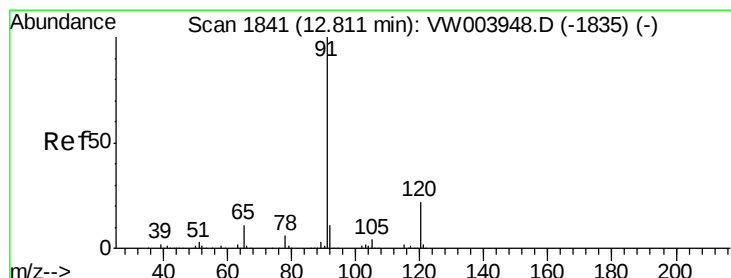
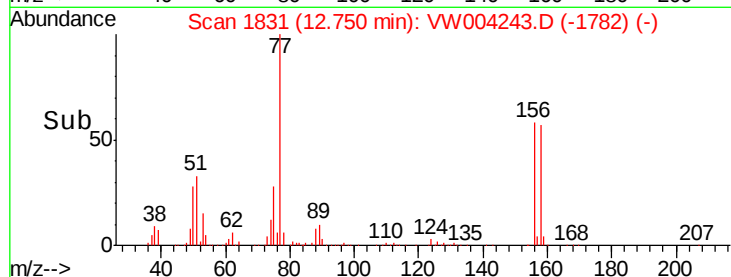
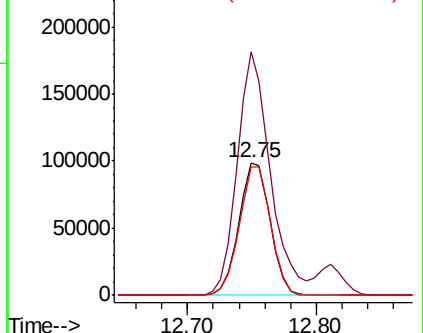
158 97.3 48.5 145.5



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: 50.547 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004243.D

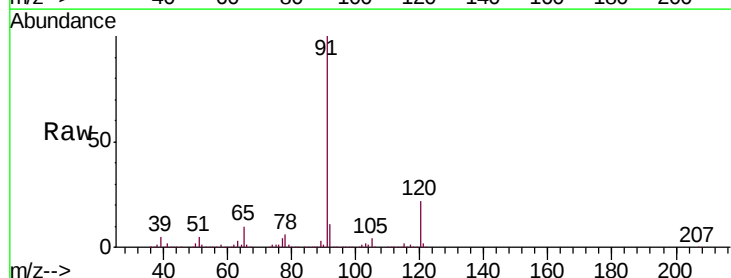
Acq: 26 Jul 2018 23:45

Tgt Ion: 91 Resp: 841770

Ion Ratio Lower Upper

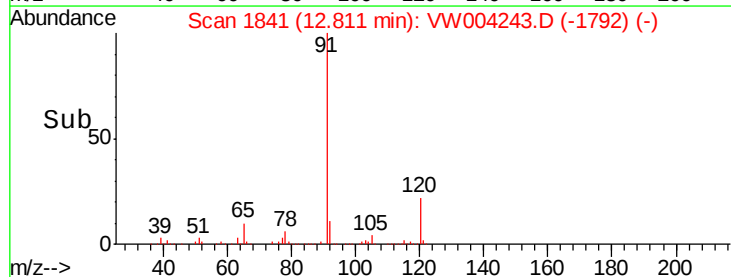
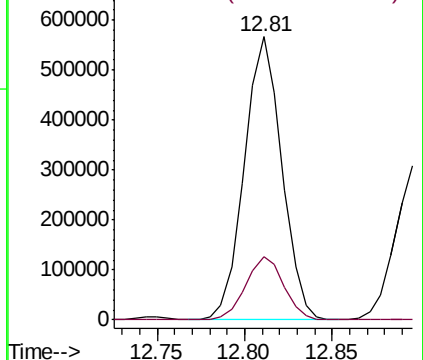
91 100

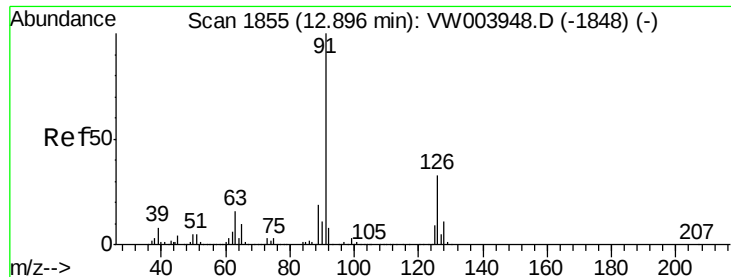
120 22.7 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.790 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

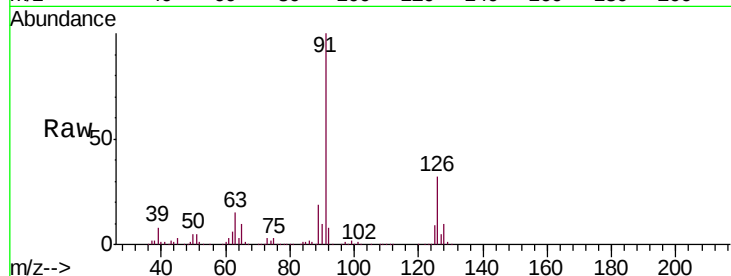
ClientSampled :

Tot Ion: 91 Resp: 486437

Ion Ratio Lower Upper

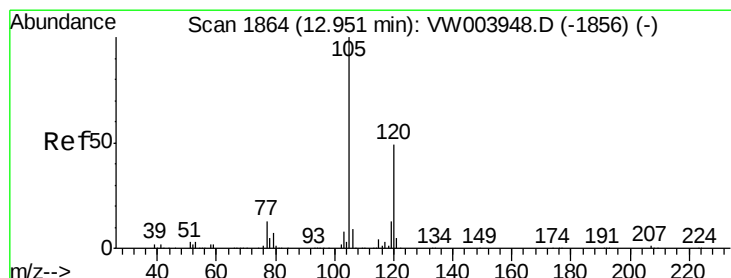
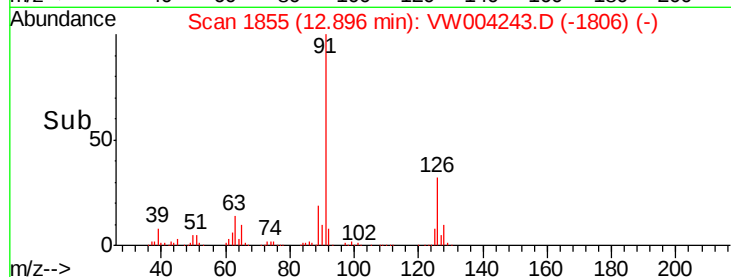
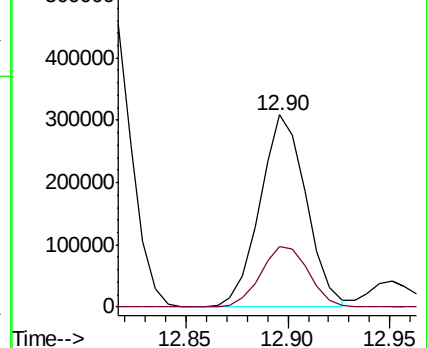
91 100

126 33.0 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.308 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004243.D

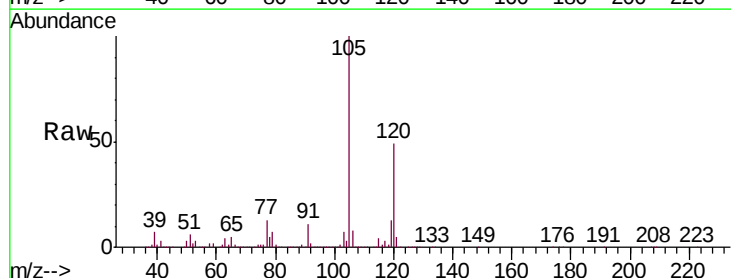
Acq: 26 Jul 2018 23:45

Tgt Ion:105 Resp: 586100

Ion Ratio Lower Upper

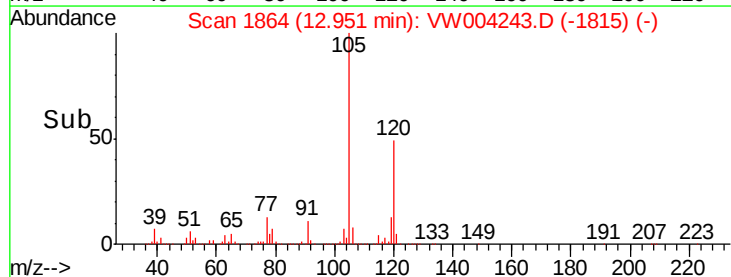
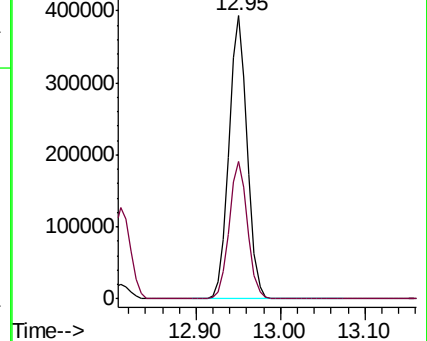
105 100

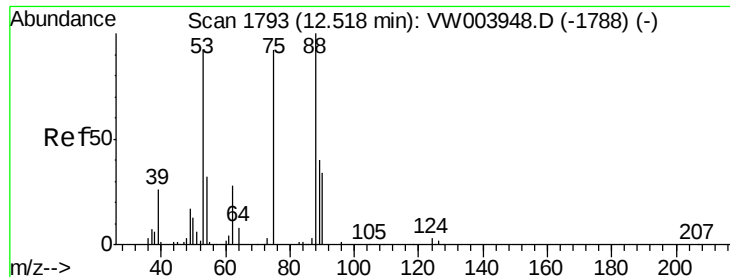
120 48.4 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.508 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004243.D

Acq: 26 Jul 2018 23:45

Instrument :

MSVOA_W

ClientSampleId :

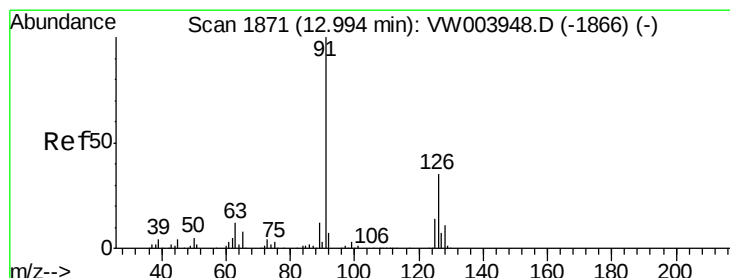
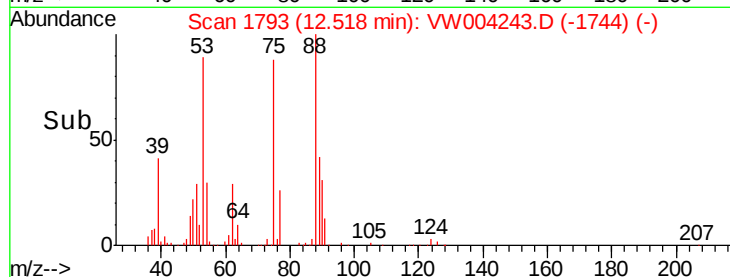
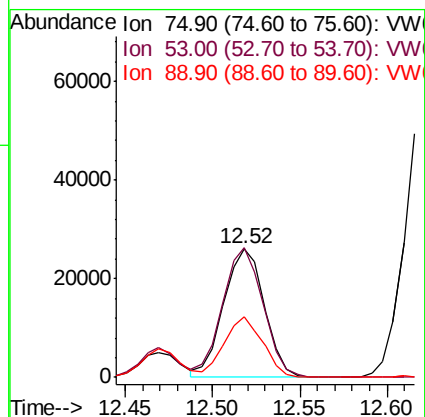
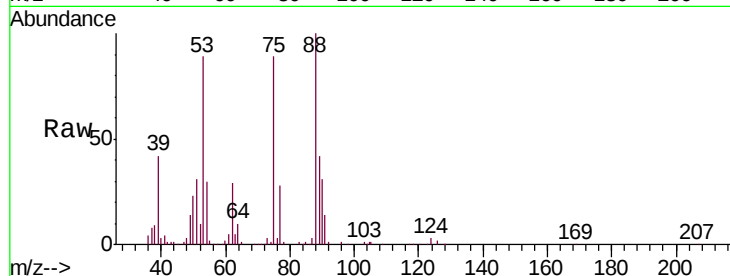
Tot Ion: 75 Resp: 41822

Ion Ratio Lower Upper

75 100

53 100.5 77.6 116.4

89 45.2 36.6 54.8



#82

4-Chlorotoluene

Concen: 51.357 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004243.D

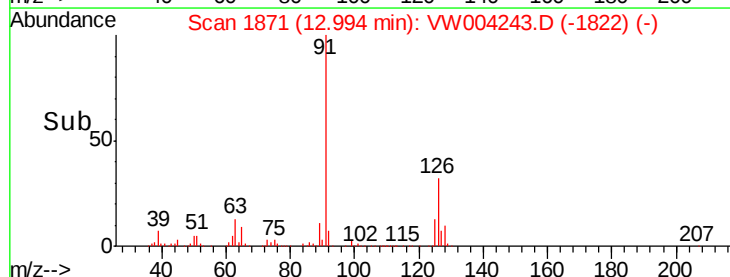
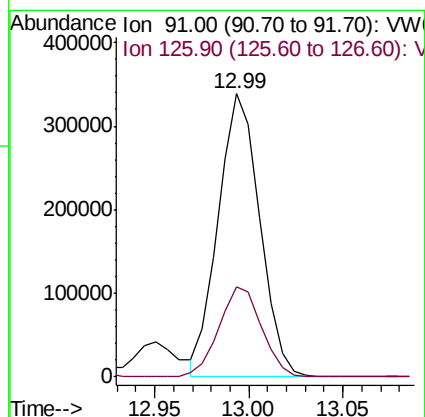
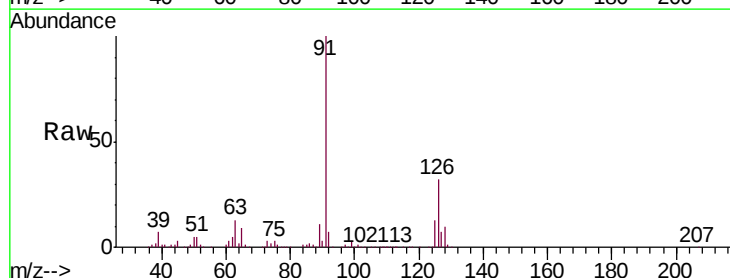
Acq: 26 Jul 2018 23:45

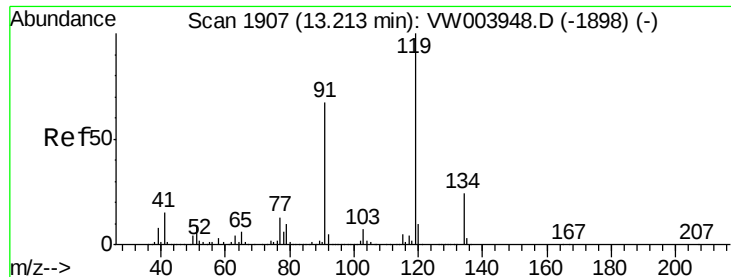
Tgt Ion: 91 Resp: 517652

Ion Ratio Lower Upper

91 100

126 32.9 16.7 50.0

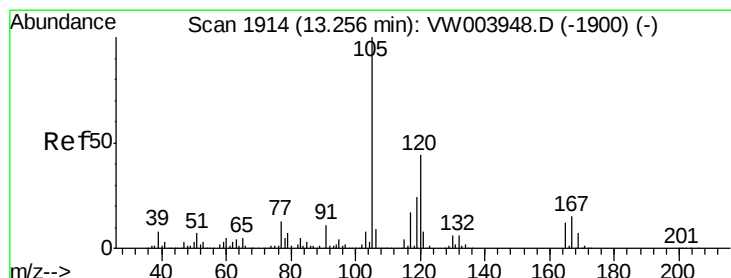
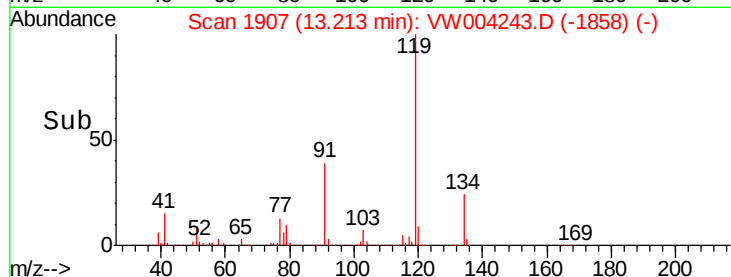
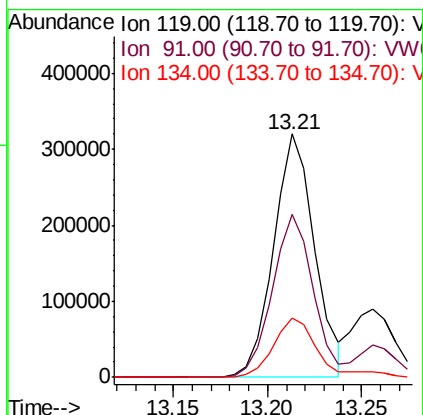
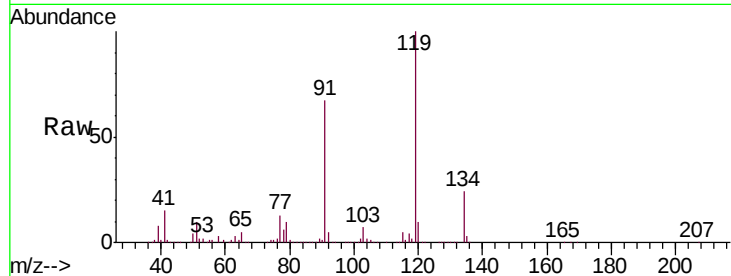




#83
tert-Butylbenzene
Concen: 50.398 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

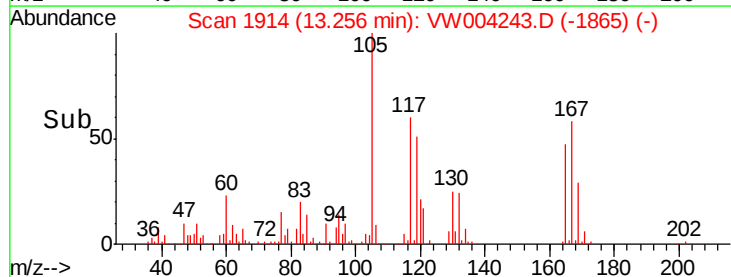
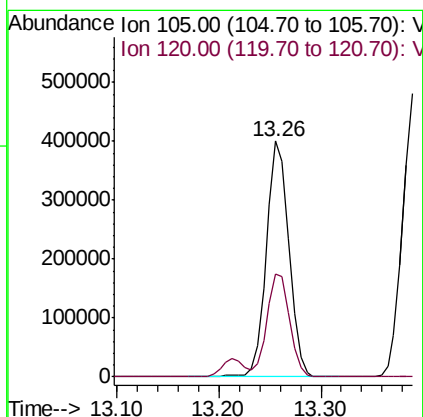
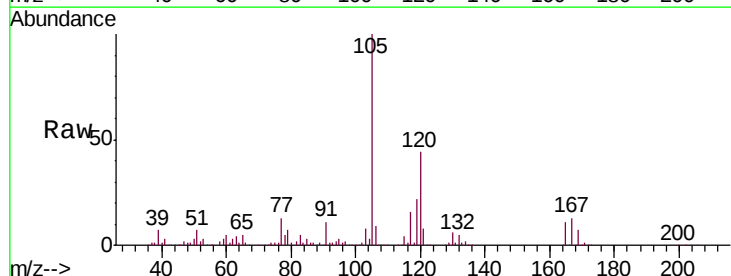
Instrument :
MSVOA_W
ClientSampleId :

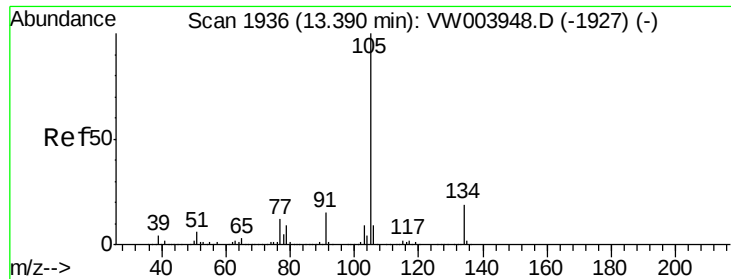
Tot Ion:119 Resp: 483343
Ion Ratio Lower Upper
119 100
91 66.3 33.2 99.6
134 26.5 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 52.214 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion:105 Resp: 613653
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.1

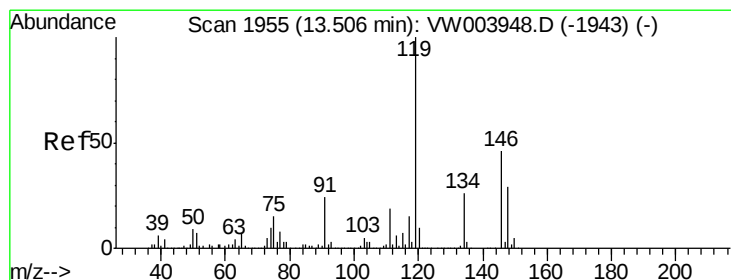
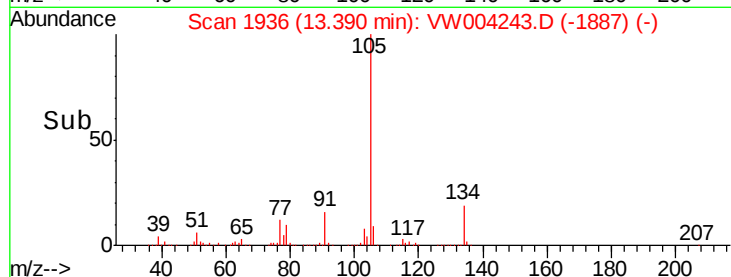
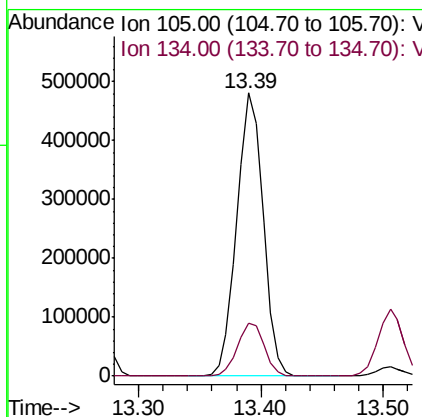
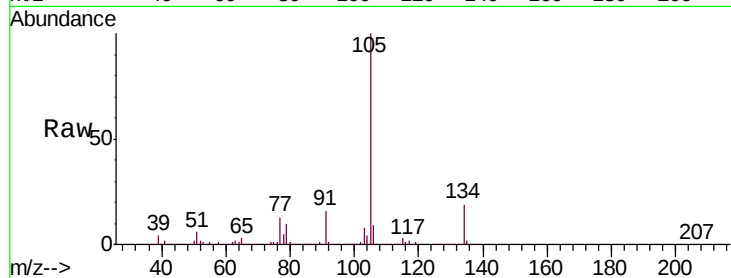




#85
 sec-Butylbenzene
 Concen: 50.461 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

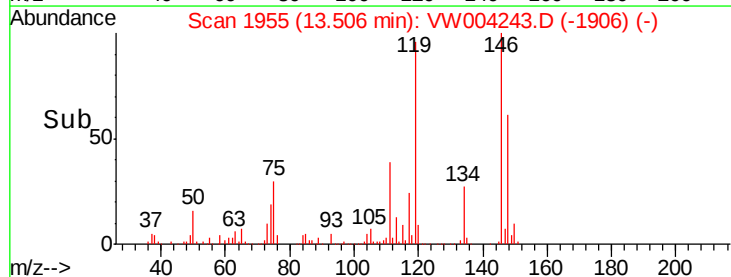
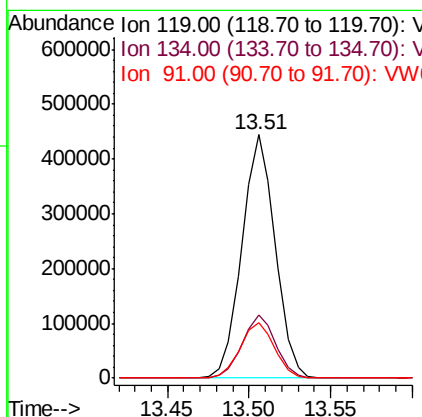
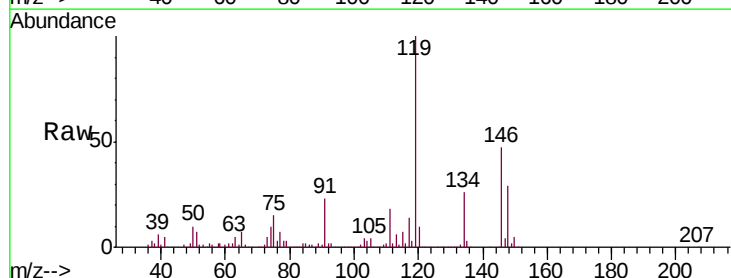
Instrument :
 MSVOA_W
 ClientSampled :

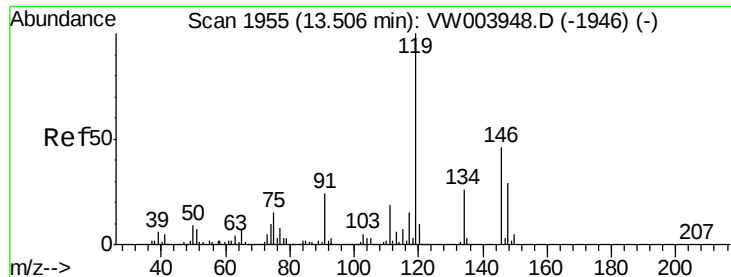
Tot Ion:105 Resp: 718067
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 50.506 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Tgt Ion:119 Resp: 630405
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 23.3 11.8 35.3

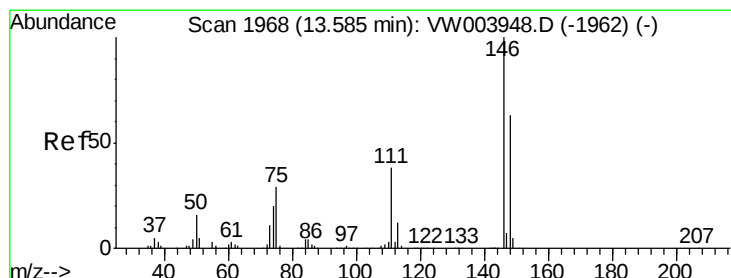
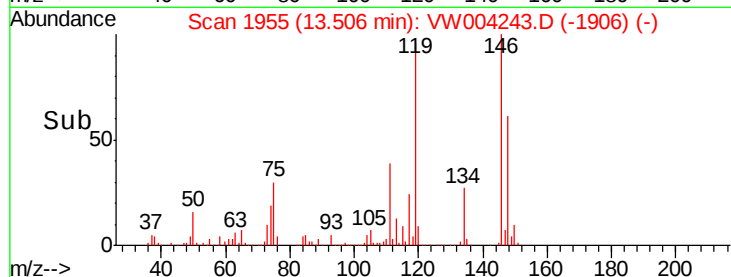
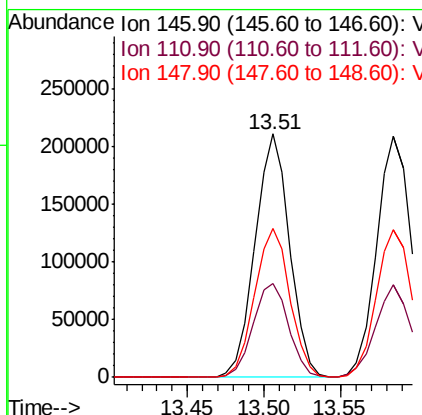
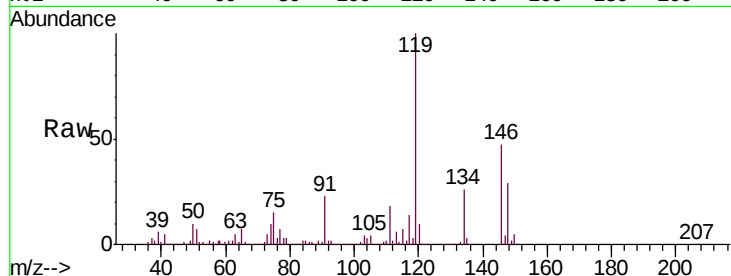




#87
 1,3-Dichlorobenzene
 Concen: 51.085 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

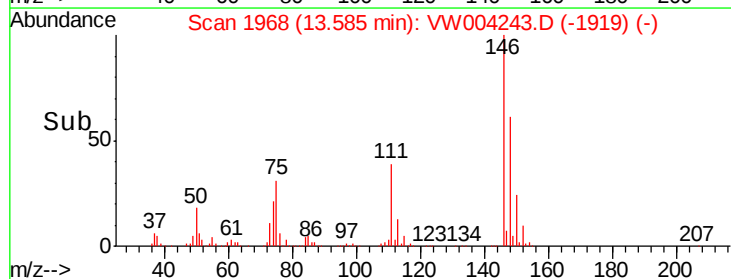
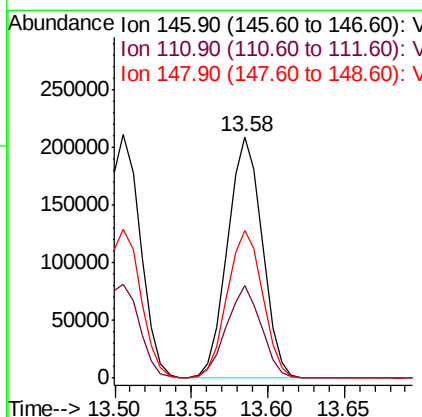
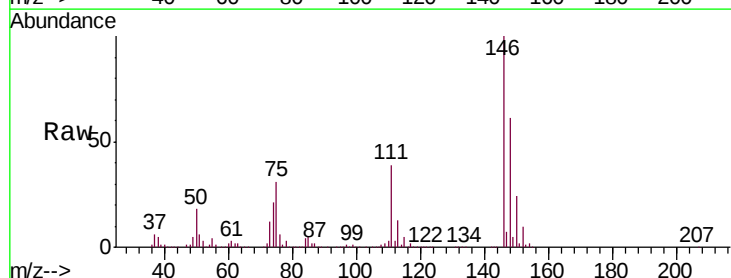
Instrument :
 MSVOA_W
 ClientSampleId :

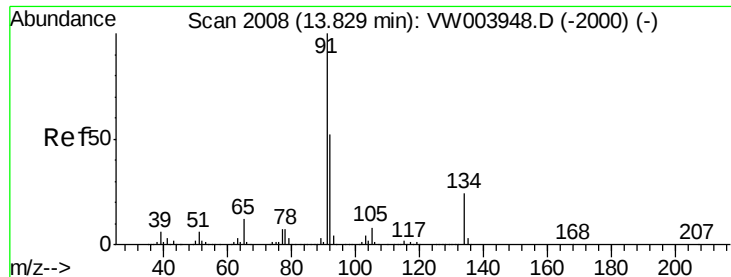
Tot Ion:146 Resp: 331406
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.6
 148 62.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.399 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Tgt Ion:146 Resp: 327901
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.6 58.7
 148 62.5 32.3 96.8

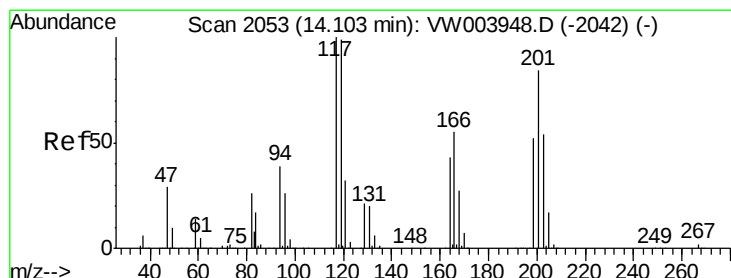
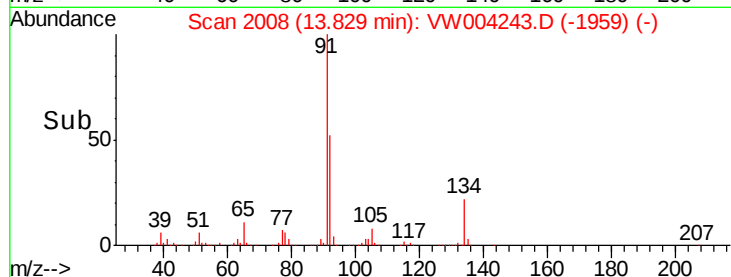
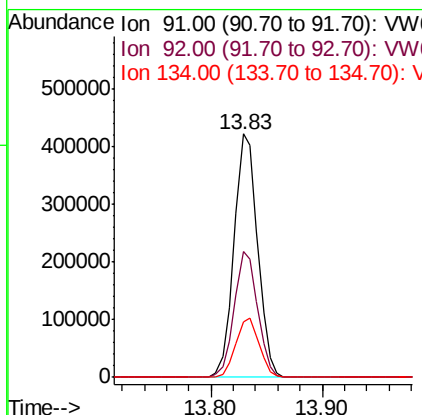
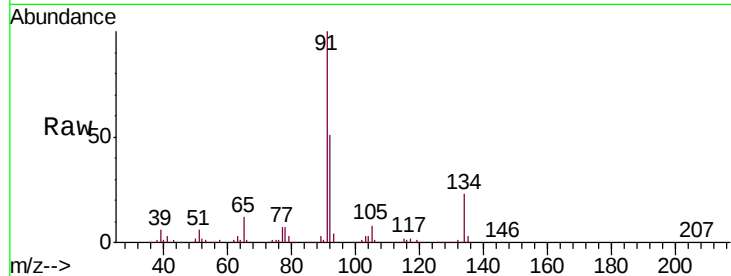




#89
n-Butylbenzene
Concen: 50.178 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

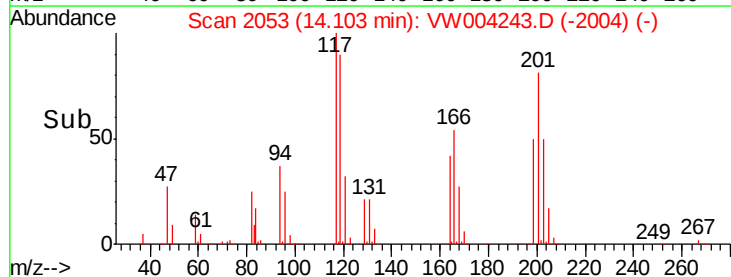
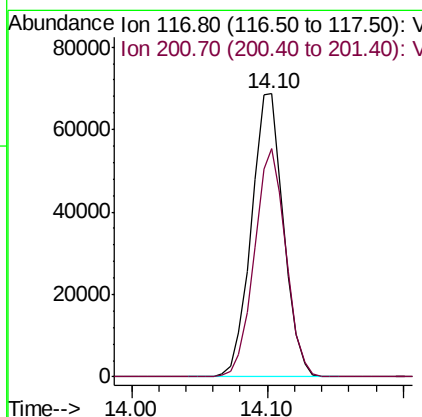
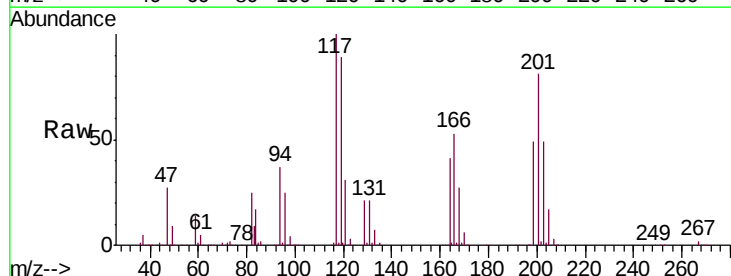
Instrument :
MSVOA_W
ClientSampled :

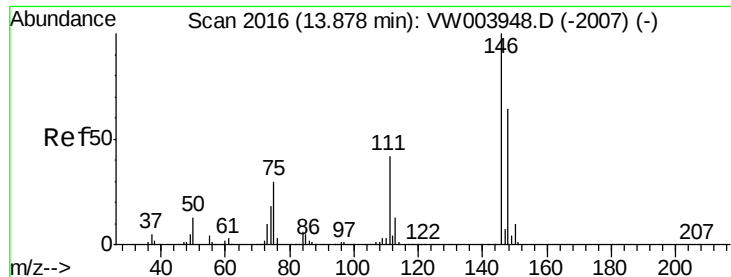
Tot Ion: 91 Resp: 615693
Ion Ratio Lower Upper
91 100
92 51.3 26.1 78.3
134 24.4 12.4 37.4



#90
Hexachloroethane
Concen: 49.617 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion: 117 Resp: 114163
Ion Ratio Lower Upper
117 100
201 78.6 40.3 120.9

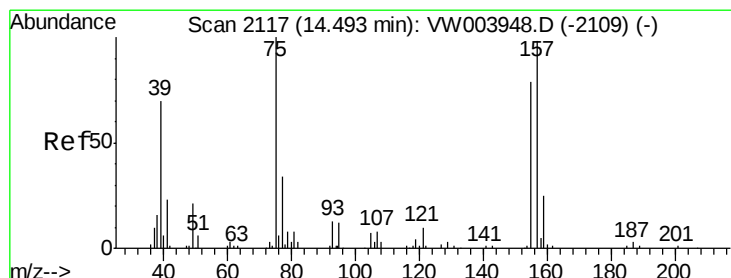
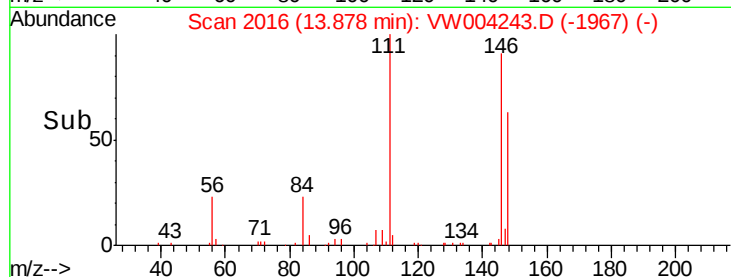
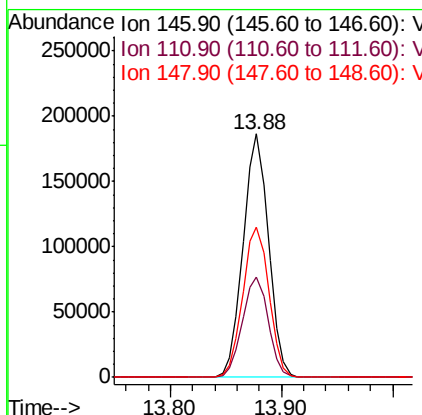
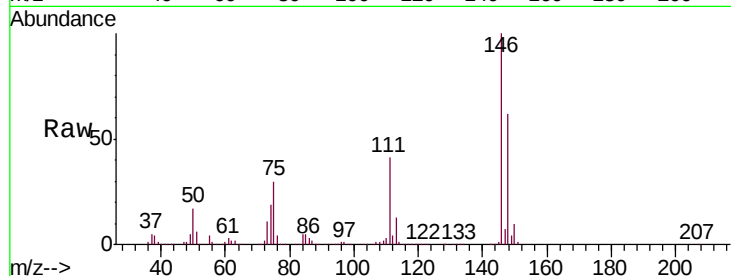




#91
 1,2-Dichlorobenzene
 Concen: 51.111 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

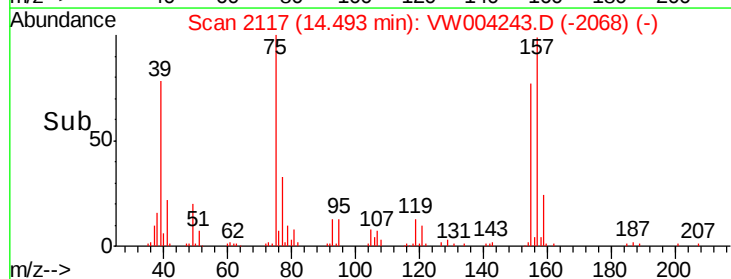
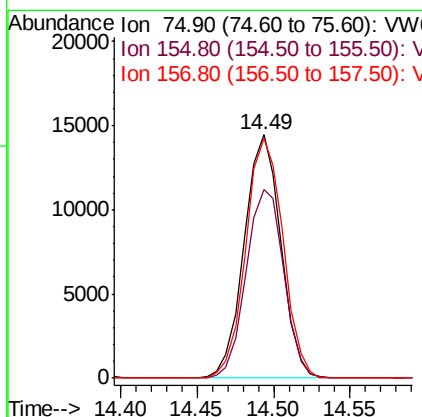
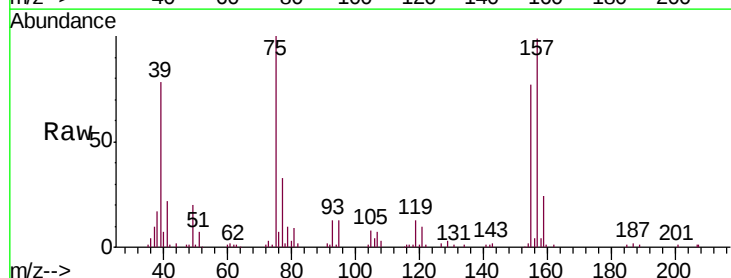
Instrument :
 MSVOA_W
 ClientSampleId :

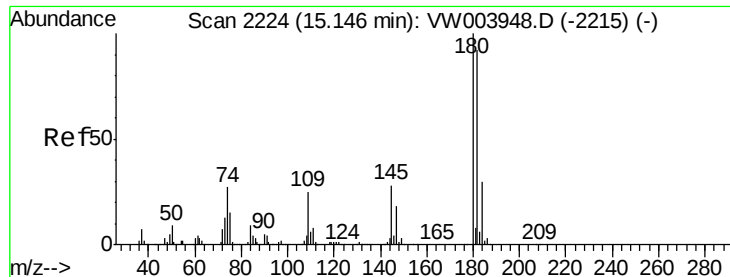
Tot Ion:146 Resp: 295419
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.7 62.1
 148 63.7 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.583 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Tgt Ion: 75 Resp: 24079
 Ion Ratio Lower Upper
 75 100
 155 79.5 39.4 118.1
 157 100.3 51.8 155.4

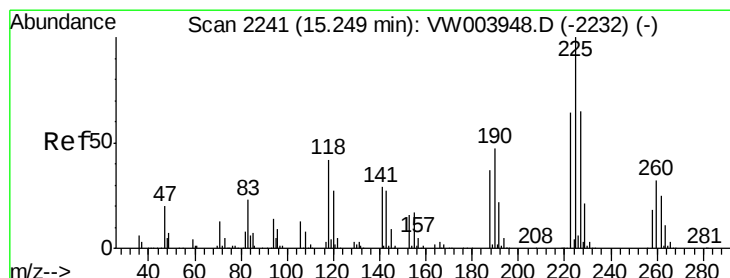
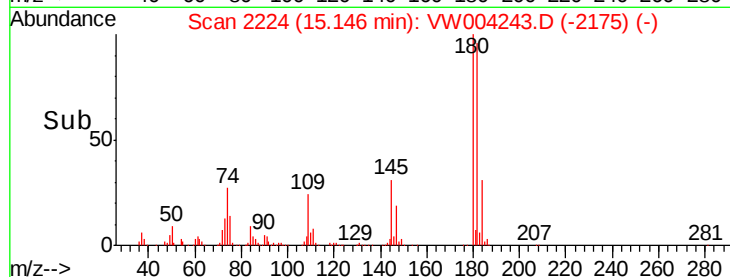
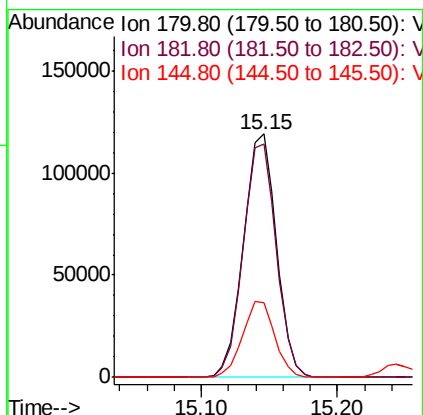
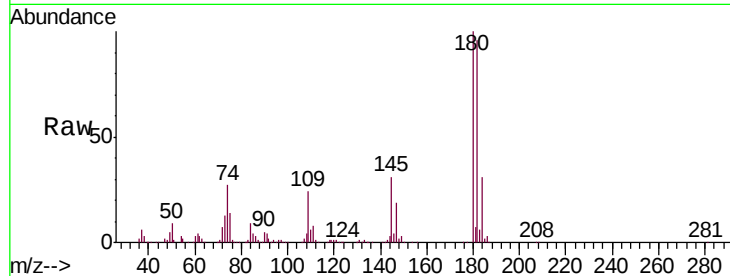




#93
 1,2,4-Trichlorobenzene
 Concen: 49.756 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

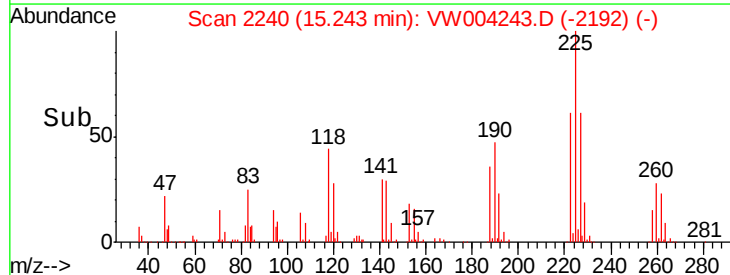
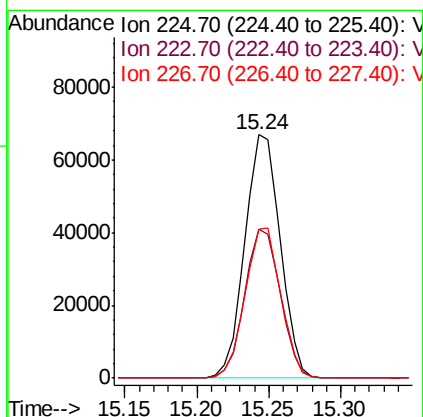
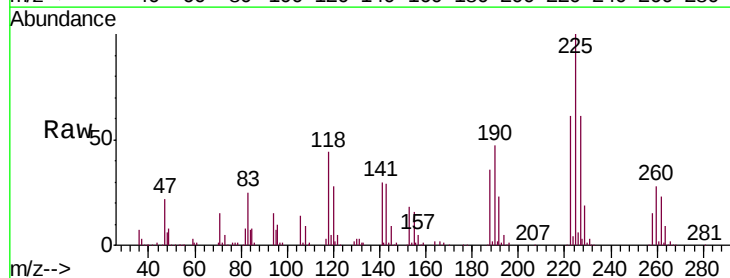
Instrument :
 MSVOA_W
 ClientSampleId :

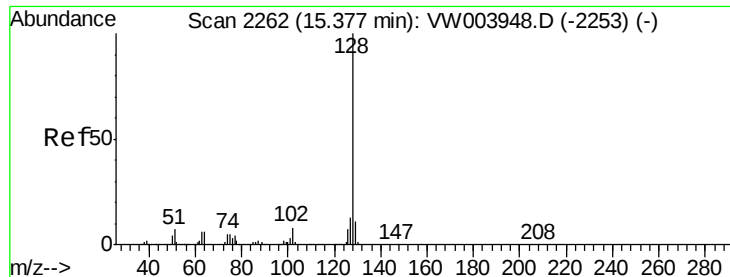
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.9	140.8
145	30.6	15.0	45.0



#94
 Hexachlorobutadiene
 Concen: 48.842 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004243.D
 Acq: 26 Jul 2018 23:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	32.0	96.2
227	61.9	32.3	96.9

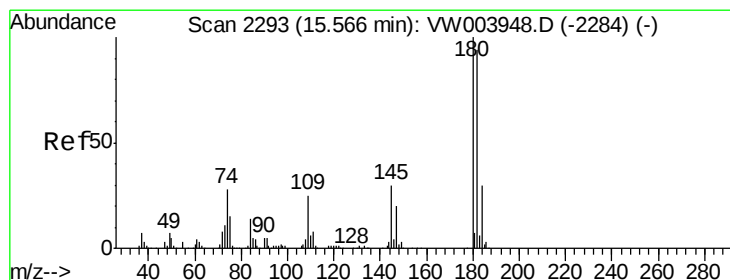
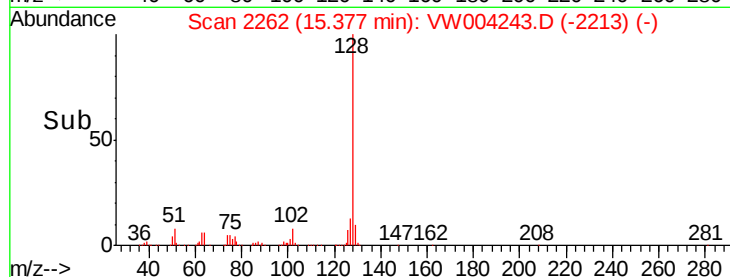
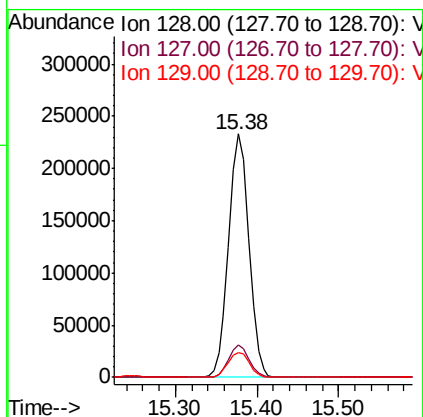
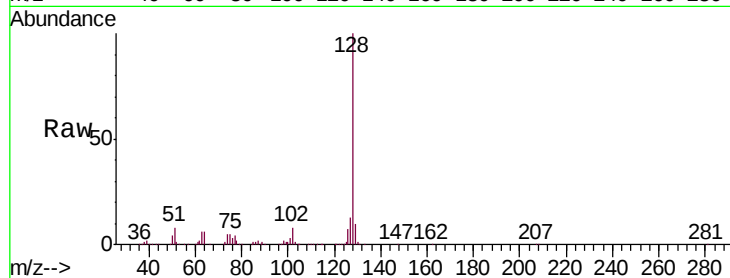




#95
Naphthalene
Concen: 53.298 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 399334
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.393 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004243.D
Acq: 26 Jul 2018 23:45

Tgt Ion:180 Resp: 188305
Ion Ratio Lower Upper
180 100
182 92.5 47.5 142.6
145 31.5 15.8 47.4

