

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004245.D
 Acq On : 27 Jul 2018 01:55
 Operator : SY/AP
 Sample : VW0728SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 07:36:50 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	237091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	386055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	194169	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	156720	59.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.28%	
35) Dibromofluoromethane	7.88	113	137206	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
50) Toluene-d8	10.33	98	537983	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	
62) 4-Bromofluorobenzene	12.62	95	192209	55.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.92%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	20784	15.610	ug/l 97
3) Chloromethane	2.21	50	43741	24.959	ug/l 100
4) Vinyl Chloride	2.35	62	49345	20.471	ug/l 99
5) Bromomethane	2.76	94	30911	20.517	ug/l 92
6) Chloroethane	2.91	64	29147	21.282	ug/l 99
7) Trichlorofluoromethane	3.24	101	21834	21.575	ug/l 99
8) Diethyl Ether	3.67	74	30244	25.747	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	49777	21.316	ug/l 100
10) Methyl Iodide	4.26	142	72424	21.594	ug/l 98
11) Tert butyl alcohol	5.18	59	23939	130.849	ug/l 96
12) 1,1-Dichloroethene	4.03	96	49697	21.568	ug/l 96
13) Acrolein	3.89	56	18563	98.749	ug/l 100
14) Allyl chloride	4.65	41	85863	22.576	ug/l 98
15) Acrylonitrile	5.37	53	73986	122.915	ug/l 99
16) Acetone	4.12	43	63601	99.869	ug/l 100
17) Carbon Disulfide	4.37	76	157543	21.905	ug/l 97
18) Methyl Acetate	4.67	43	37540	24.557	ug/l 99
19) Methyl tert-butyl Ether	5.42	73	100965	22.864	ug/l 97
20) Methylene Chloride	4.91	84	64806	18.022	ug/l 96
21) trans-1,2-Dichloroethene	5.41	96	56380	22.322	ug/l 98
22) Diisopropyl ether	6.31	45	189139	24.607	ug/l 98
23) Vinyl Acetate	6.26	43	553862	113.722	ug/l 100
24) 1,1-Dichloroethane	6.21	63	109511	23.350	ug/l 100
25) 2-Butanone	7.18	43	97770	114.083	ug/l 95
26) 2,2-Dichloropropane	7.17	77	51718	19.210	ug/l 99
27) cis-1,2-Dichloroethene	7.16	96	60880	22.298	ug/l 98
28) Bromochloromethane	7.51	49	46987	24.480	ug/l 98
29) Tetrahydrofuran	7.53	42	65229	122.191	ug/l 98
30) Chloroform	7.68	83	110277	23.638	ug/l 99
31) Cyclohexane	7.95	56	89168	20.282	ug/l 94
32) 1,1,1-Trichloroethane	7.87	97	80401	22.070	ug/l 99
36) 1,1-Dichloropropene	8.08	75	81593	20.542	ug/l 99
37) Ethyl Acetate	7.26	43	45361	23.677	ug/l 99
38) Carbon Tetrachloride	8.07	117	75953	20.465	ug/l 98

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 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)
39) Methylcyclohexane	9.34	83	86690	18.636	ug/l	93
40) Benzene	8.32	78	246190	22.341	ug/l	97
41) Methacrylonitrile	7.48	41	23039	21.703	ug/l	97
42) 1,2-Dichloroethane	8.40	62	77187	22.959	ug/l	99
43) Isopropyl Acetate	8.43	43	80163	22.372	ug/l	99
44) Trichloroethene	9.09	130	60279	21.103	ug/l	98
45) 1,2-Dichloropropane	9.37	63	65414	23.258	ug/l	98
46) Dibromomethane	9.46	93	33979	23.282	ug/l	98
47) Bromodichloromethane	9.65	83	80522	22.380	ug/l	99
48) Methyl methacrylate	9.44	41	38160	22.021	ug/l	98
49) 1,4-Dioxane	9.45	88	11283	502.944	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	223279	116.960	ug/l	98
52) Toluene	10.39	92	152712	22.411	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	77740	20.663	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	90476	21.021	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	47250	23.020	ug/l	99
56) Ethyl methacrylate	10.65	69	56604	21.090	ug/l	96
57) 1,3-Dichloropropane	10.93	76	80131	22.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	138495	113.737	ug/l	100
59) 2-Hexanone	10.98	43	150396	111.777	ug/l	96
60) Dibromochloromethane	11.13	129	52672	22.035	ug/l	99
61) 1,2-Dibromoethane	11.24	107	45117	23.100	ug/l	98
64) Tetrachloroethene	10.87	164	56076	22.686	ug/l	96
65) Chlorobenzene	11.66	112	161522	21.086	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	55793	20.960	ug/l	98
67) Ethyl Benzene	11.74	91	270207	20.080	ug/l	100
68) m/p-Xylenes	11.85	106	213382	41.489	ug/l	98
69) o-Xylene	12.17	106	98731	20.695	ug/l	98
70) Styrene	12.19	104	171699	21.547	ug/l	100
71) Bromoform	12.35	173	33118	22.036	ug/l #	99
73) Isopropylbenzene	12.47	105	264581	19.284	ug/l	100
74) N-amyl acetate	12.28	43	77845	21.775	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	58302	21.972	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	74374	38.583	ug/l #	100
77) Bromobenzene	12.76	156	67786	20.647	ug/l	97
78) n-propylbenzene	12.81	91	339083	20.144	ug/l	98
79) 2-Chlorotoluene	12.90	91	194034	20.438	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	230151	19.933	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16521	18.958	ug/l	96
82) 4-Chlorotoluene	12.99	91	212609	20.868	ug/l	99
83) tert-Butylbenzene	13.21	119	187129	19.304	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	244475	20.580	ug/l	99
85) sec-Butylbenzene	13.39	105	283644	19.720	ug/l	100
86) p-Isopropyltoluene	13.51	119	247548	19.621	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	135411	20.650	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	135924	20.669	ug/l	99
89) n-Butylbenzene	13.83	91	231483	18.664	ug/l	99
90) Hexachloroethane	14.10	117	46331	19.922	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	121716	20.834	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9887	20.954	ug/l	99

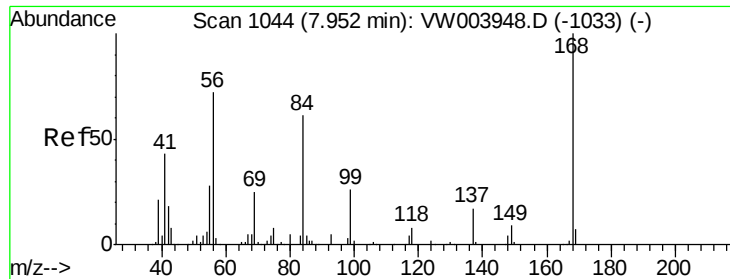
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	81301	19.814	ug/l	97
94) Hexachlorobutadiene	15.25	225	45711	19.401	ug/l	99
95) Naphthalene	15.38	128	153629	20.286	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	74048	20.383	ug/l	99

(#) = 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: VW004245.D

Acq: 27 Jul 2018 01:55

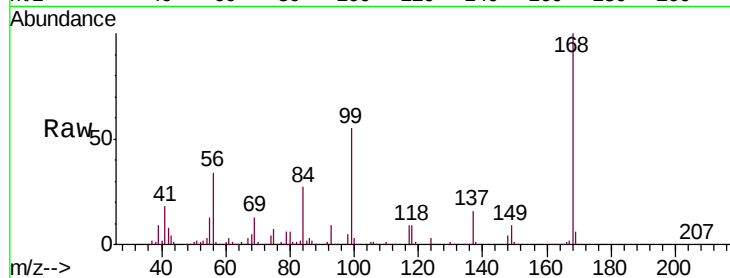
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 237091

Ion Ratio Lower Upper

168 100

99 55.1 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

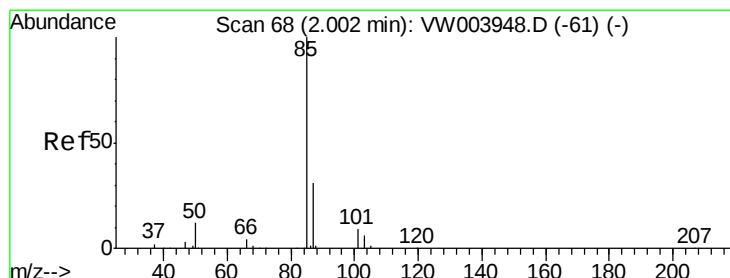
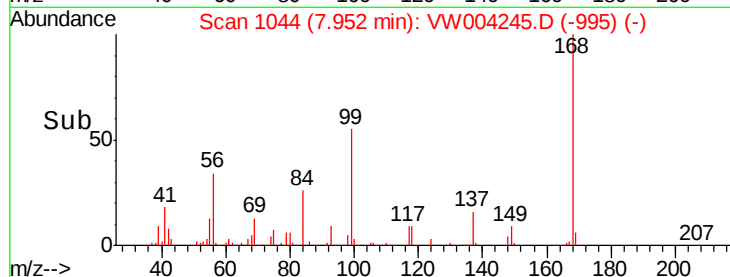
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.610 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW004245.D

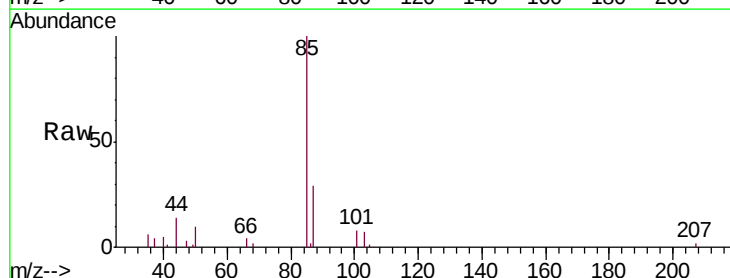
Acq: 27 Jul 2018 01:55

Tgt Ion: 85 Resp: 20784

Ion Ratio Lower Upper

85 100

87 29.3 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

8000

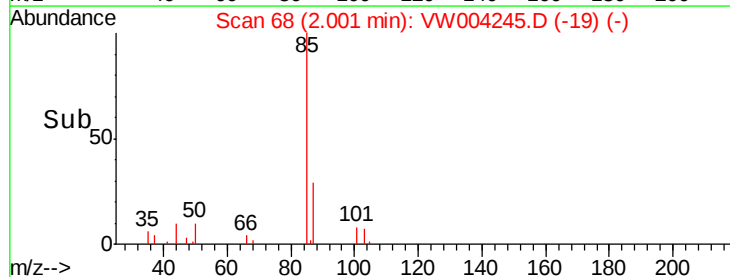
6000

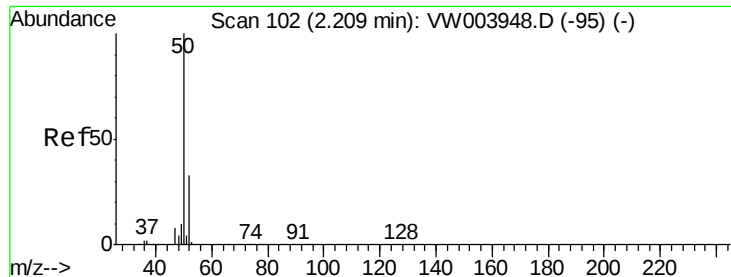
4000

2000

0

Time-->





#3

Chloromethane

Concen: 24.959 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

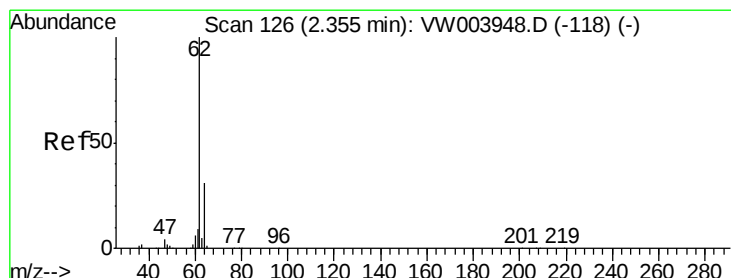
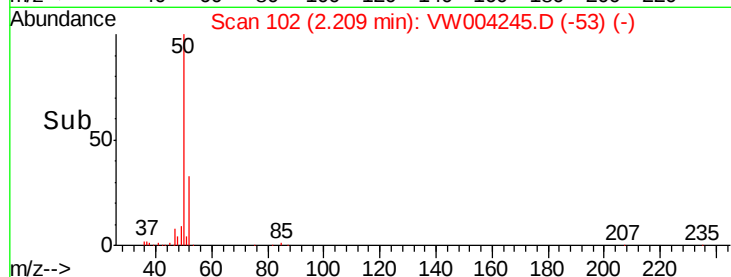
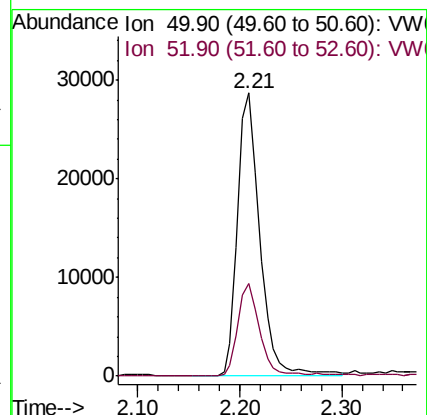
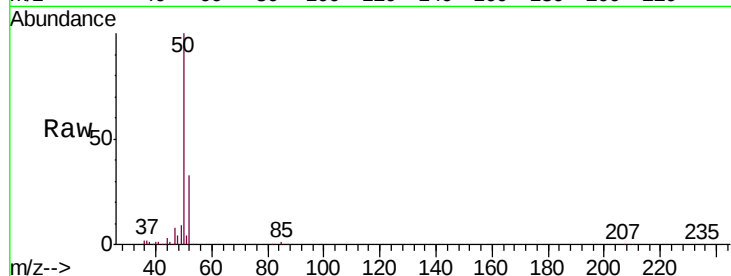
ClientSampleId :

Tot Ion: 50 Resp: 43741

Ion Ratio Lower Upper

50 100

52 32.6 26.3 39.5



#4

Vinyl Chloride

Concen: 20.471 ug/l

RT: 2.35 min Scan# 125

Delta R.T. -0.01 min

Lab File: VW004245.D

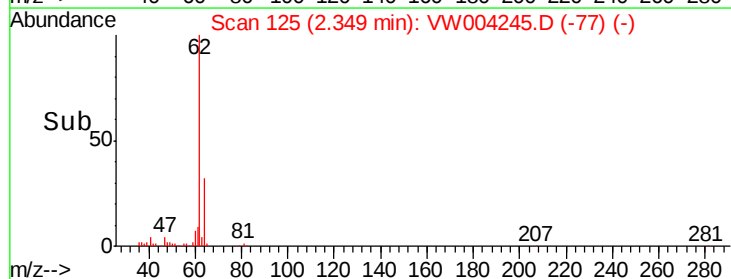
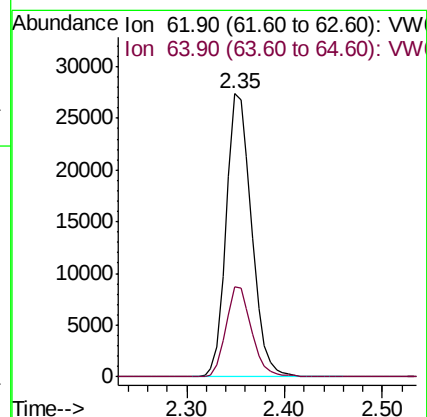
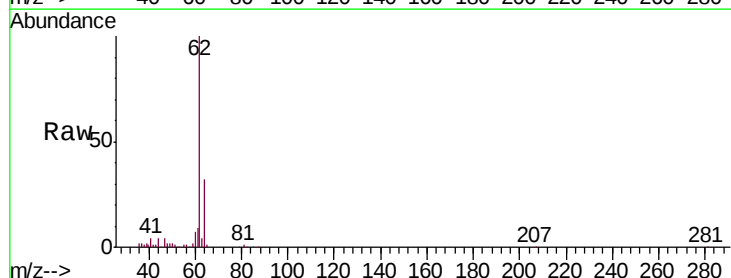
Acq: 27 Jul 2018 01:55

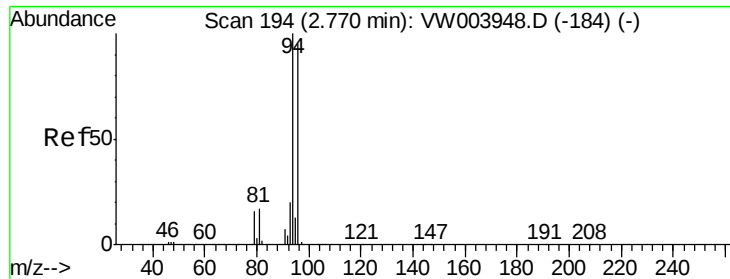
Tgt Ion: 62 Resp: 49345

Ion Ratio Lower Upper

62 100

64 31.8 25.0 37.6





#5

Bromomethane

Concen: 20.517 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

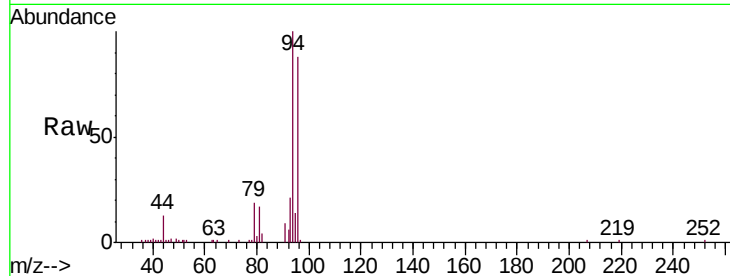
ClientSampled :

Tot Ion: 94 Resp: 30911

Ion Ratio Lower Upper

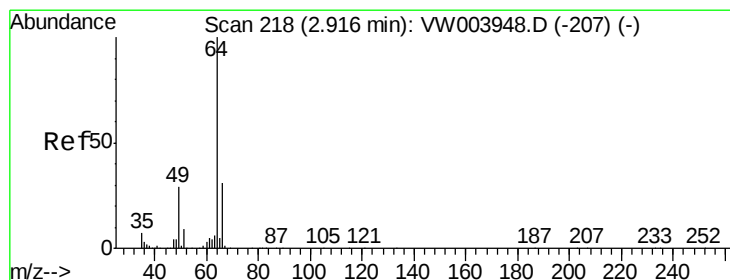
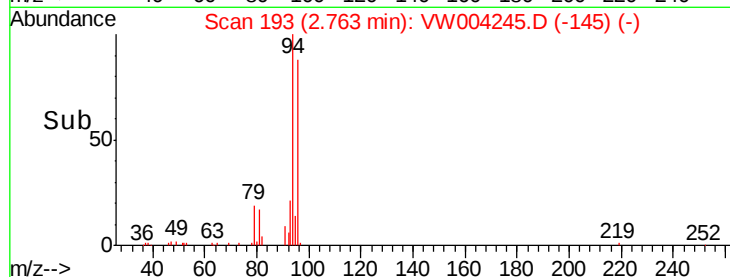
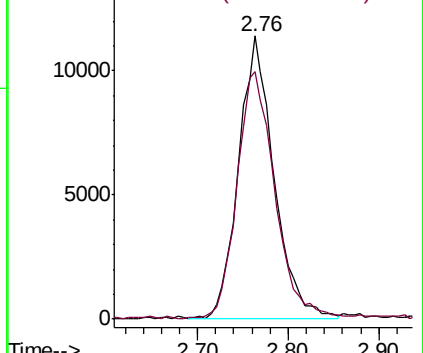
94 100

96 87.1 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: 21.282 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW004245.D

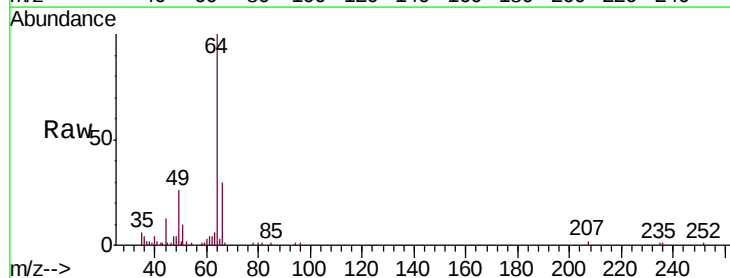
Acq: 27 Jul 2018 01:55

Tgt Ion: 64 Resp: 29147

Ion Ratio Lower Upper

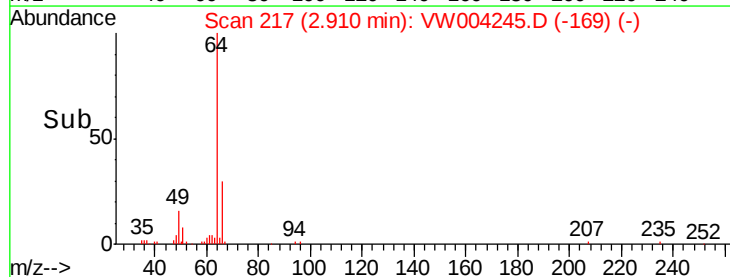
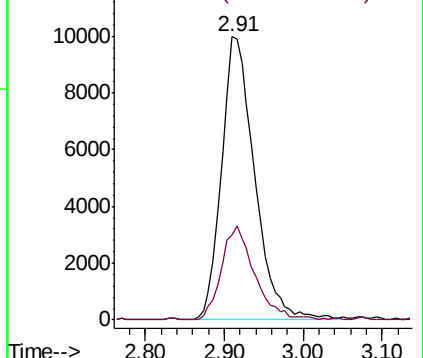
64 100

66 30.0 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



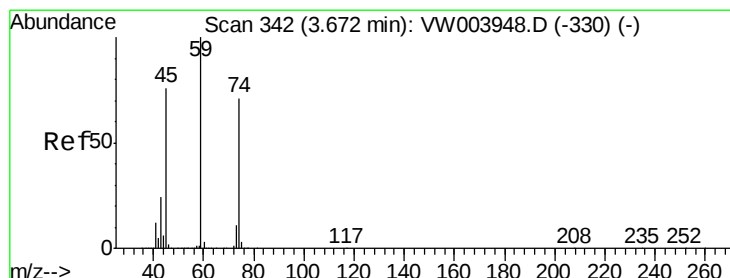
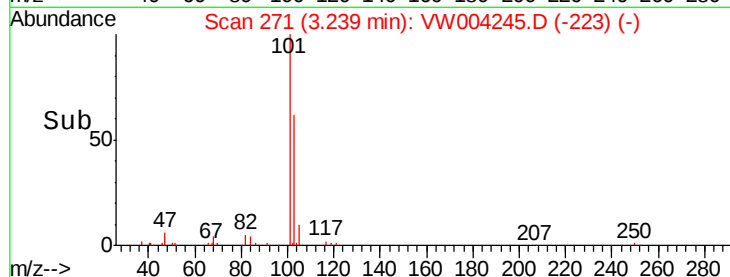
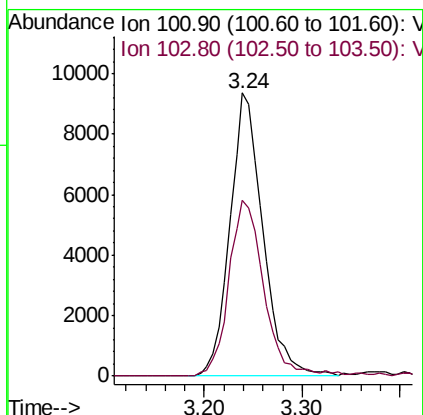
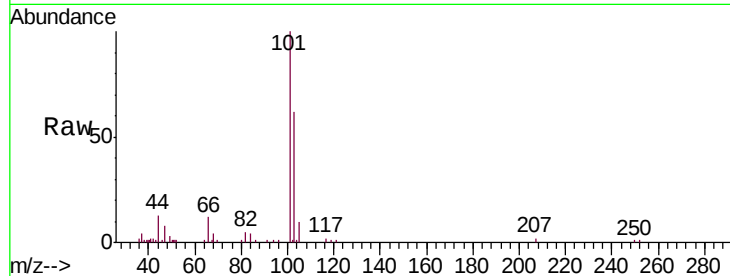


#7

Trichlorofluoromethane
 Concen: 21.575 ug/l
 RT: 3.24 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :

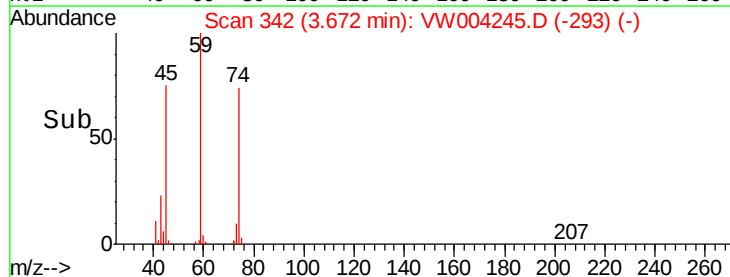
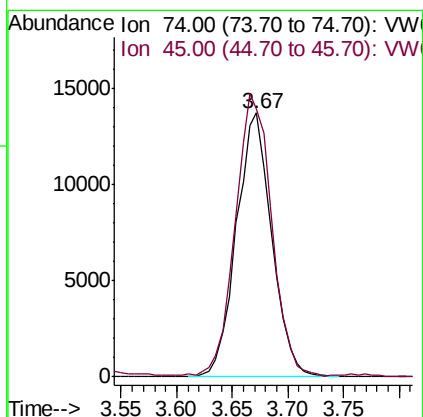
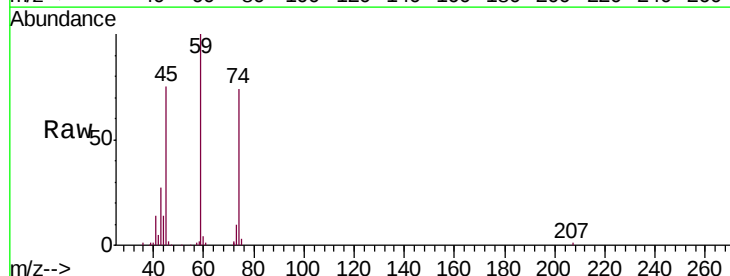
Tot Ion:101 Resp: 21834
 Ion Ratio Lower Upper
 101 100
 103 62.0 49.0 73.6

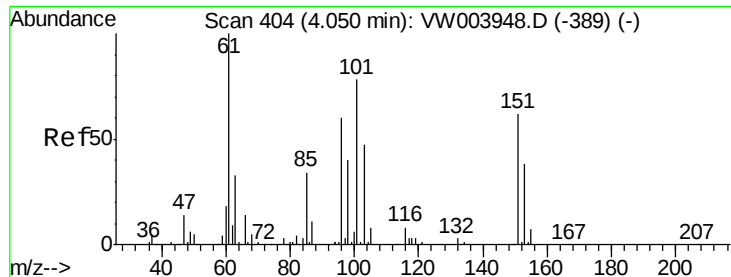


#8

Diethyl Ether
 Concen: 25.747 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion: 74 Resp: 30244
 Ion Ratio Lower Upper
 74 100
 45 110.9 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.316 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

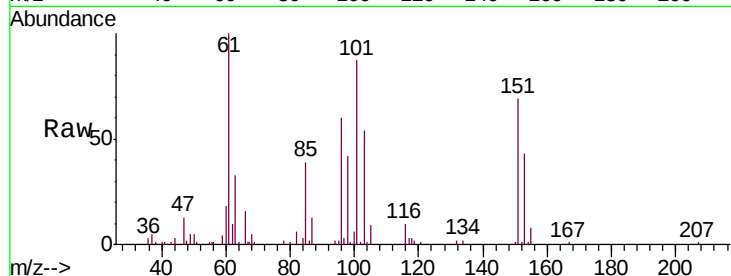
Tot Ion:101 Resp: 49777

Ion Ratio Lower Upper

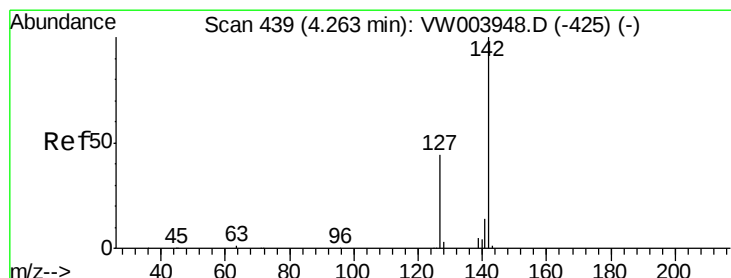
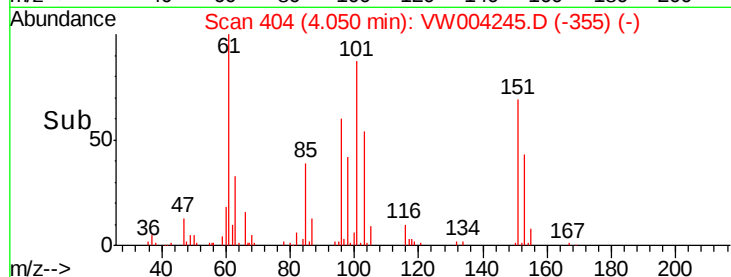
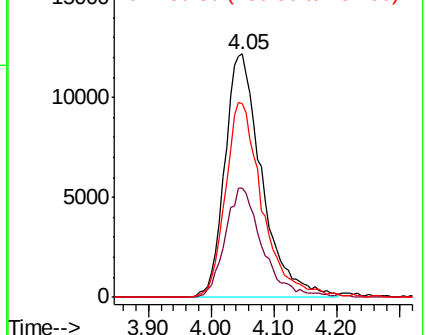
101 100

85 44.9 35.8 53.6

151 79.2 63.6 95.4



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.594 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

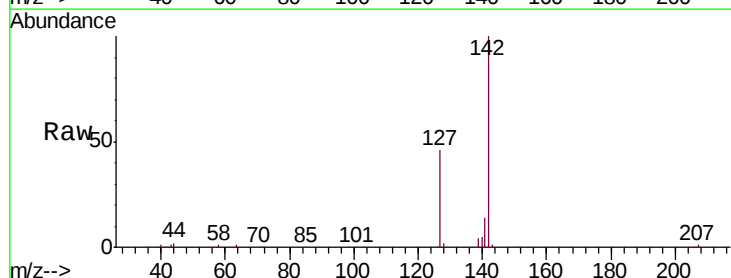
Tgt Ion:142 Resp: 72424

Ion Ratio Lower Upper

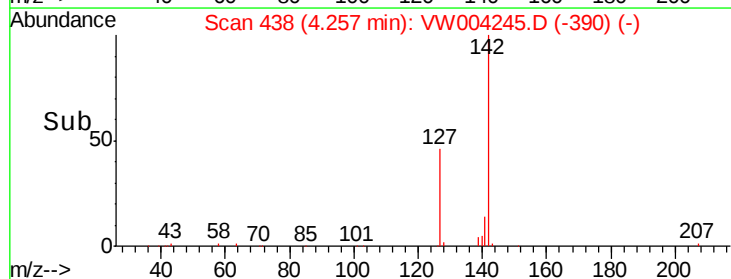
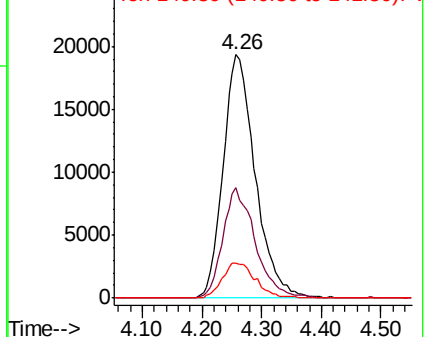
142 100

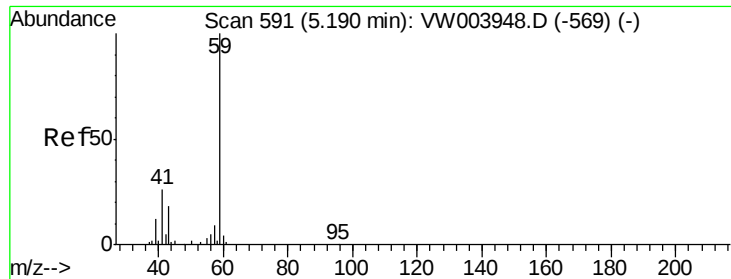
127 45.7 35.4 53.2

141 15.0 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



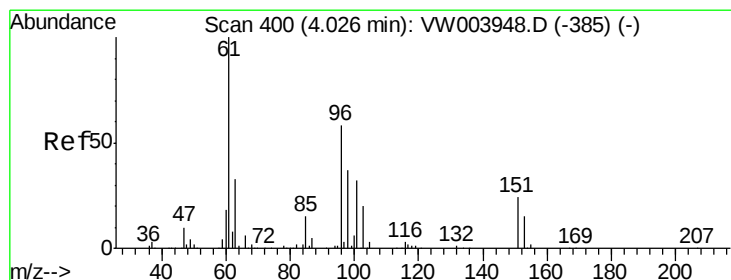
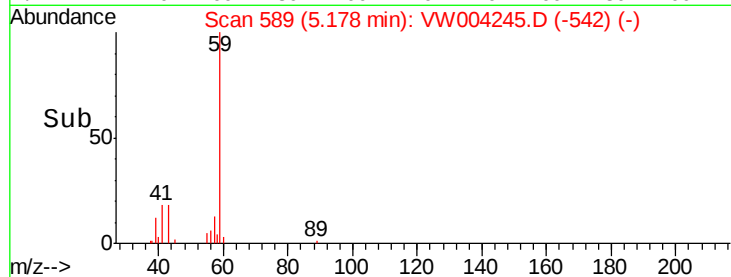
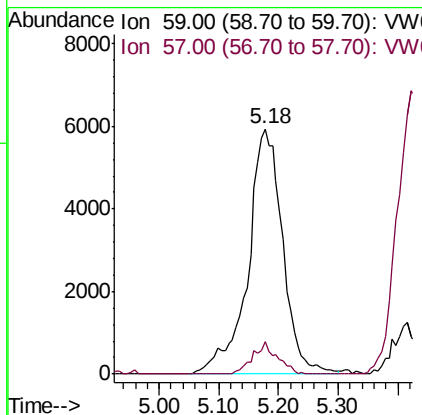
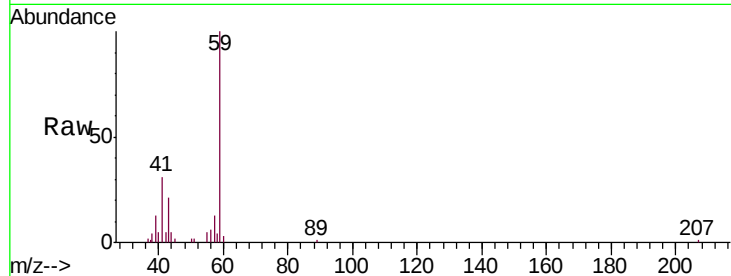


#11

Tert butyl alcohol
 Concen: 130.849 ug/l
 RT: 5.18 min Scan# 589
 Delta R.T. -0.01 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :

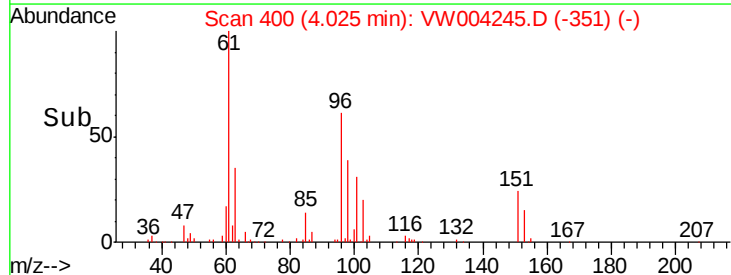
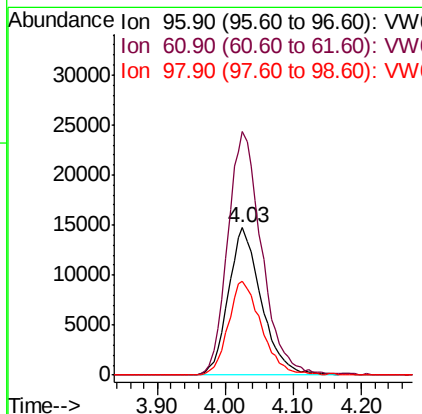
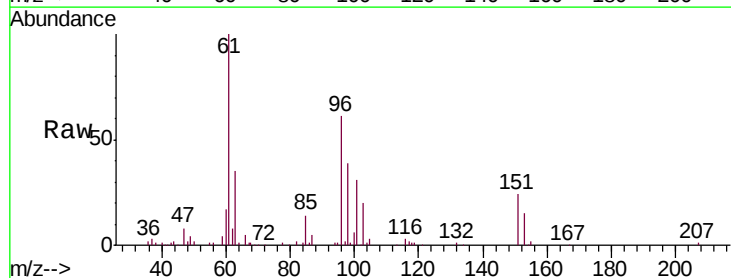
Tot Ion: 59 Resp: 23939
 Ion Ratio Lower Upper
 59 100
 57 9.2 8.5 12.7

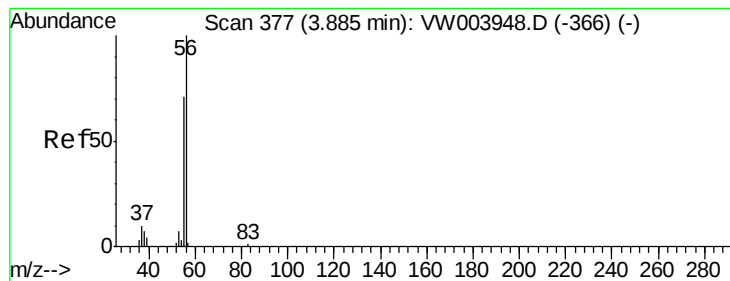


#12

1,1-Dichloroethene
 Concen: 21.568 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion: 96 Resp: 49697
 Ion Ratio Lower Upper
 96 100
 61 165.0 137.0 205.6
 98 63.8 50.2 75.4





#13

Acrolein

Concen: 98.749 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

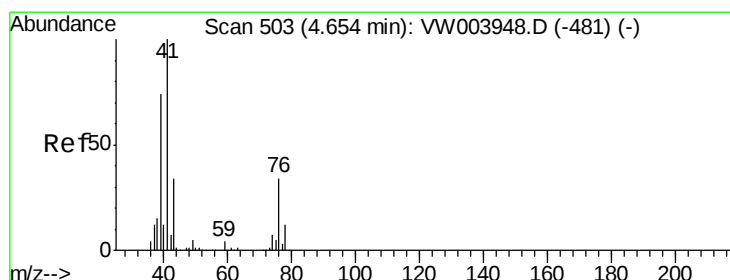
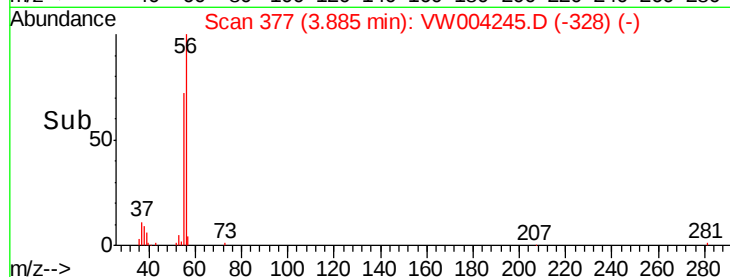
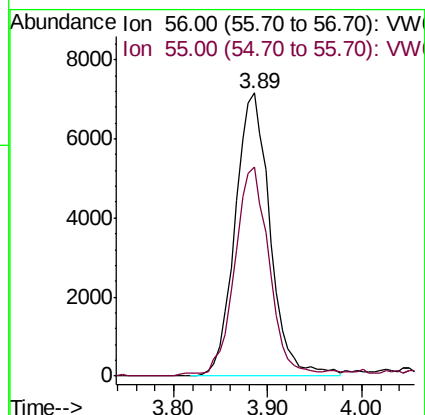
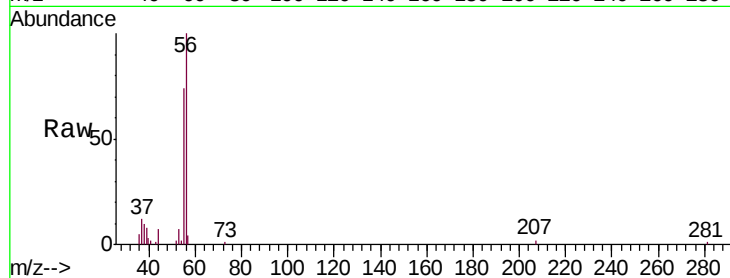
ClientSampleId :

Tot Ion: 56 Resp: 18563

Ion Ratio Lower Upper

56 100

55 73.2 58.2 87.4



#14

Allyl chloride

Concen: 22.576 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

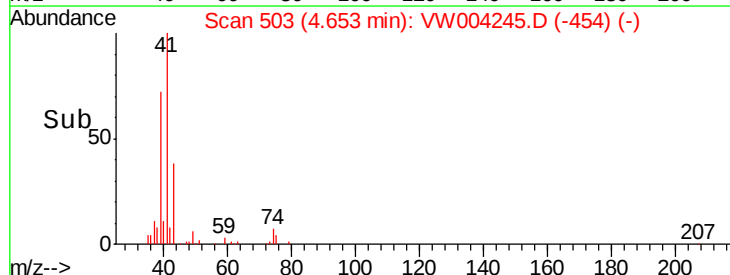
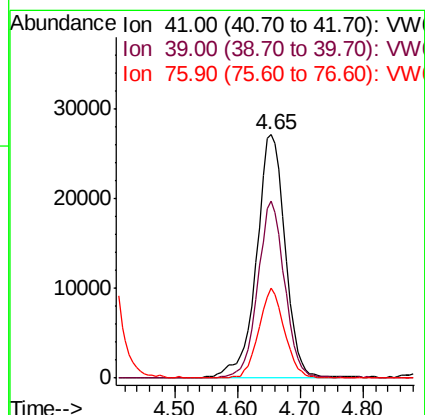
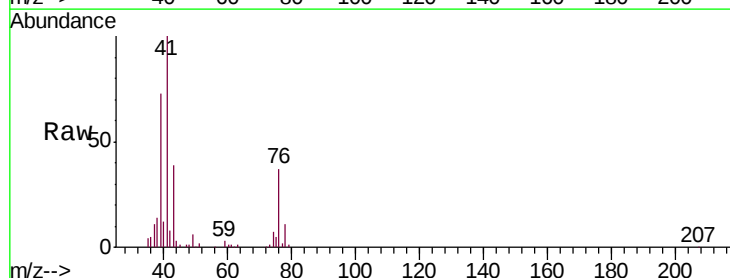
Tgt Ion: 41 Resp: 85863

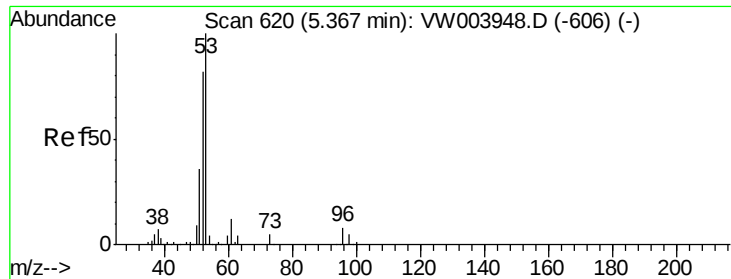
Ion Ratio Lower Upper

41 100

39 68.2 57.0 85.4

76 33.1 26.5 39.7

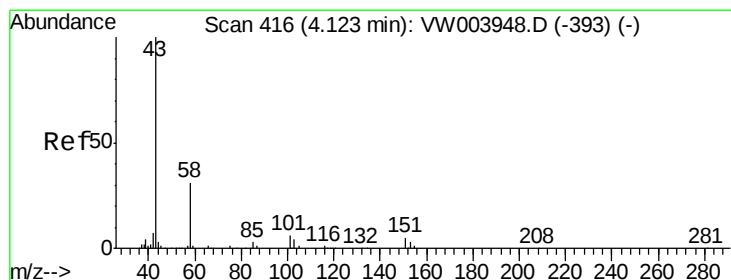
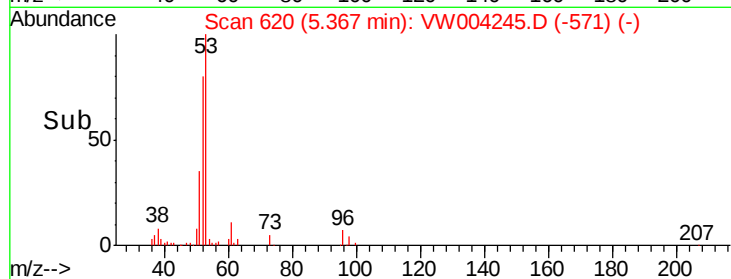
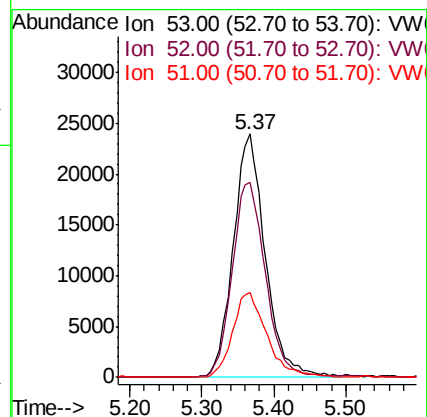
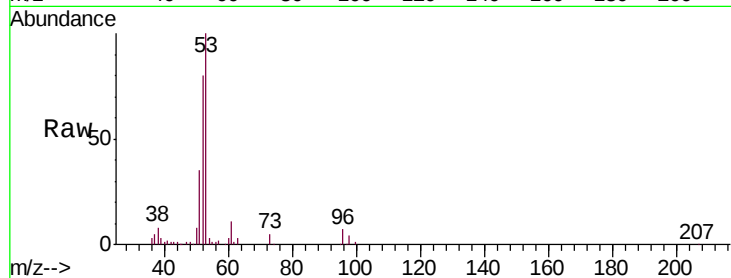




#15
 Acrylonitrile
 Concen: 122.915 ug/l
 RT: 5.37 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

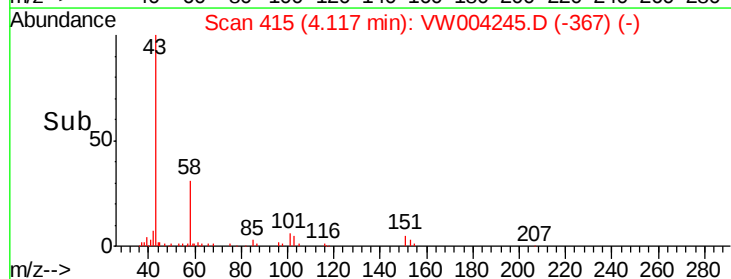
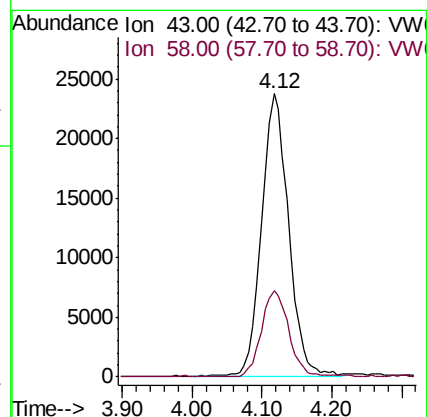
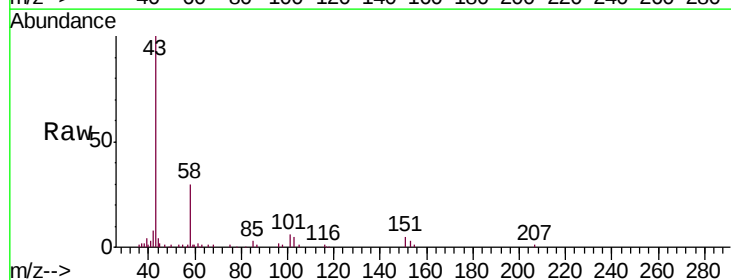
Instrument :
 MSVOA_W
 ClientSampleId :

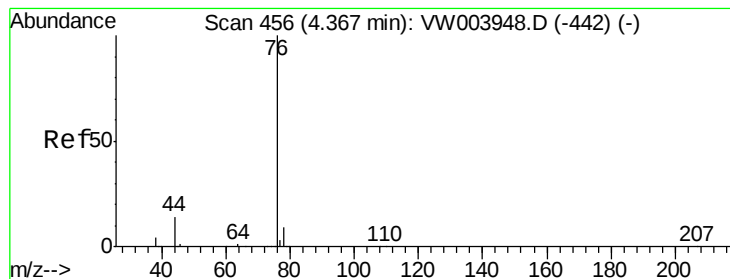
Tot Ion: 53 Resp: 73986
 Ion Ratio Lower Upper
 53 100
 52 83.3 66.1 99.1
 51 37.3 29.8 44.6



#16
 Acetone
 Concen: 99.869 ug/l
 RT: 4.12 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion: 43 Resp: 63601
 Ion Ratio Lower Upper
 43 100
 58 30.4 24.5 36.7





#17

Carbon Disulfide

Concen: 21.905 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

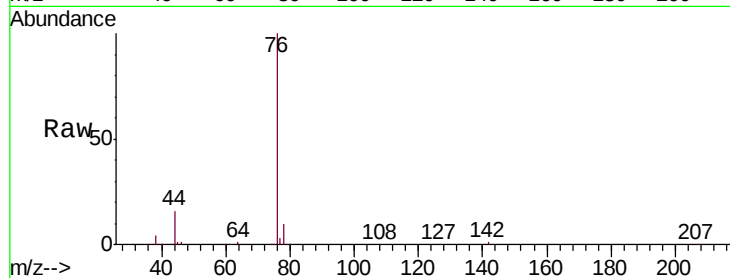
ClientSampled :

Tot Ion: 76 Resp: 157543

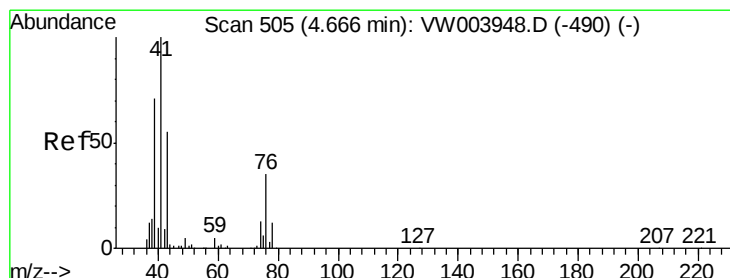
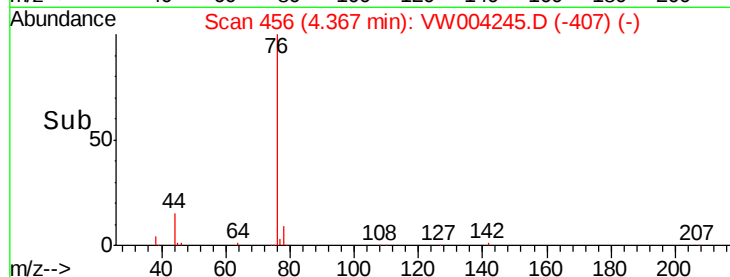
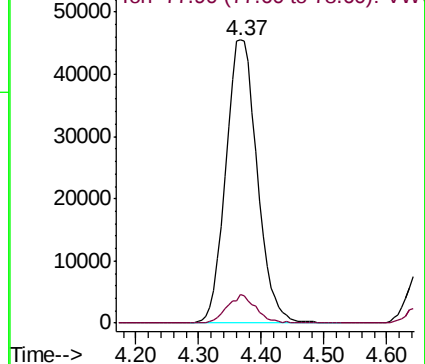
Ion Ratio Lower Upper

76 100

78 10.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW
Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 24.557 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.00 min

Lab File: VW004245.D

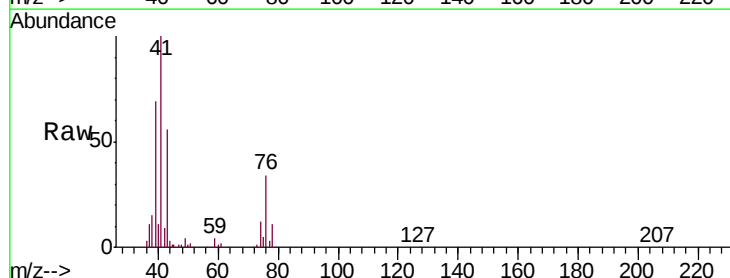
Acq: 27 Jul 2018 01:55

Tgt Ion: 43 Resp: 37540

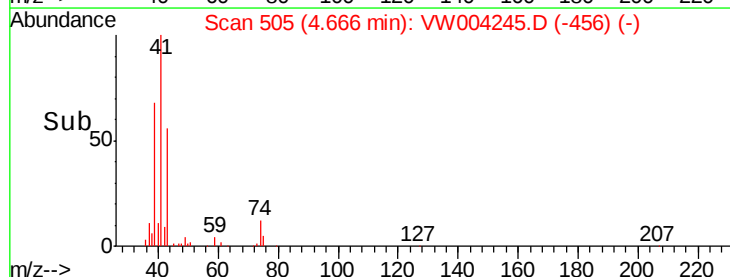
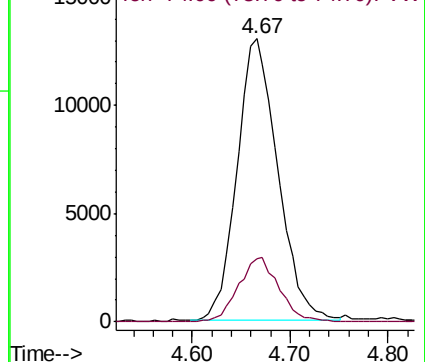
Ion Ratio Lower Upper

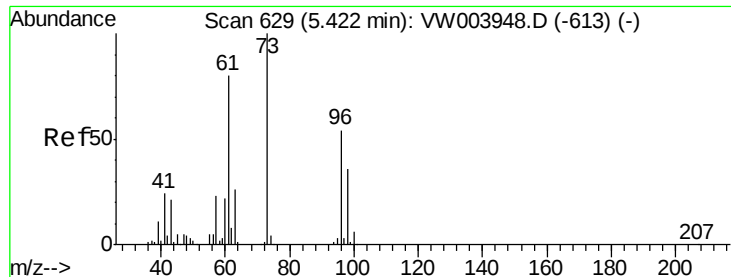
43 100

74 22.8 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW

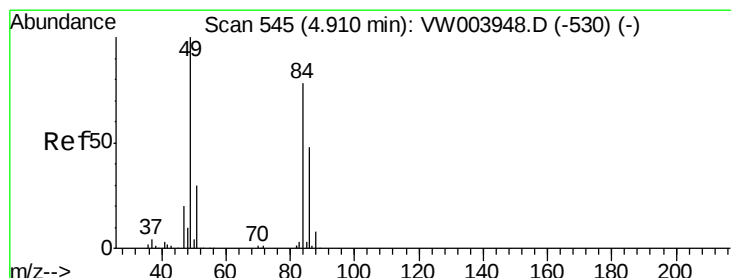
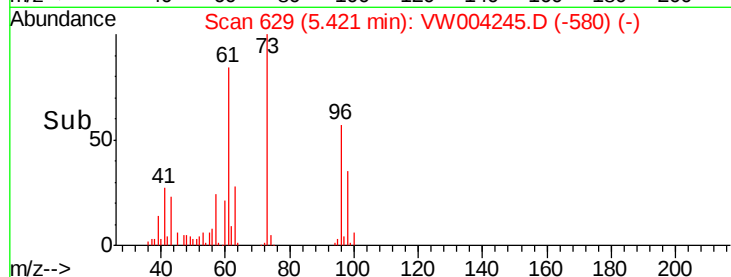
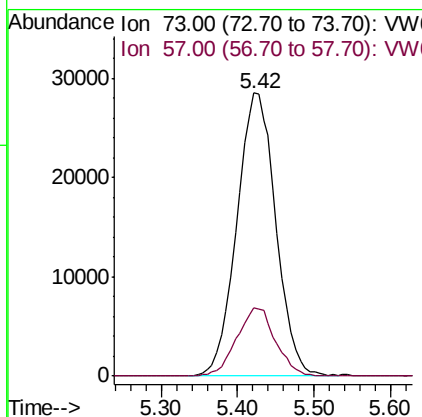
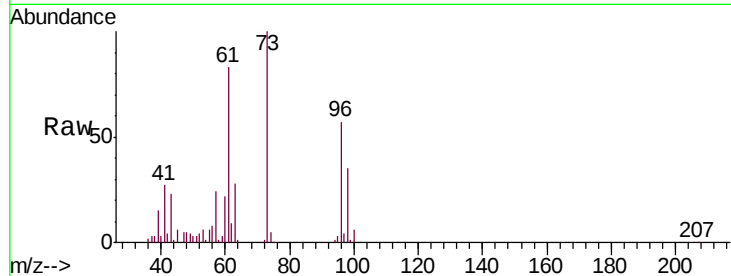




#19
Methyl tert-butyl Ether
Concen: 22.864 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

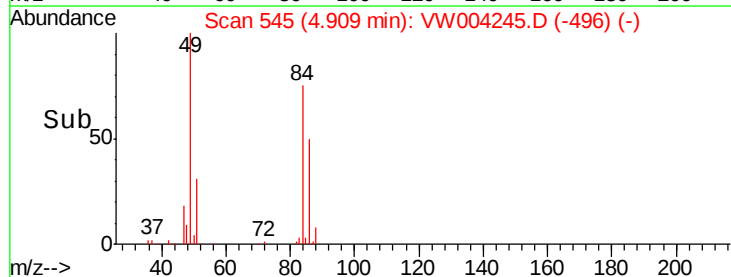
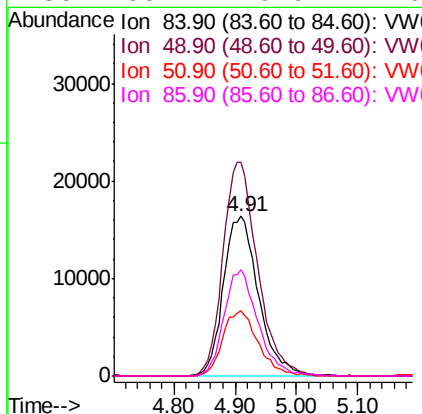
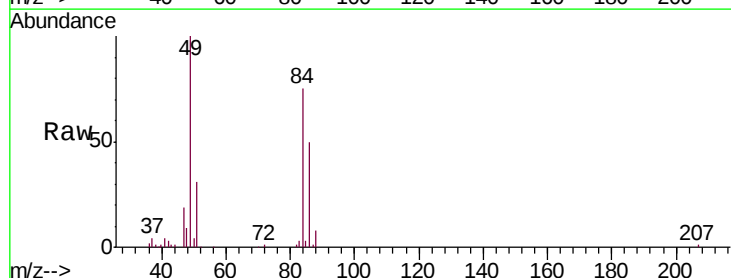
Instrument :
MSVOA_W
ClientSampleId :

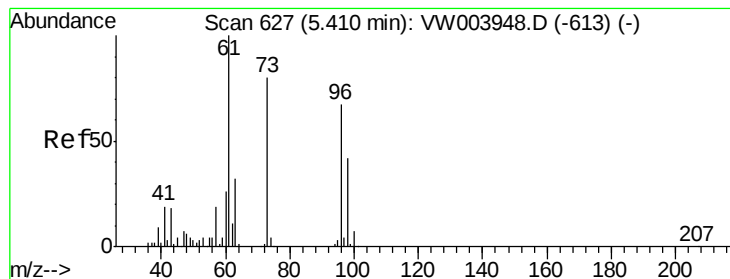
Tot Ion: 73 Resp: 100965
Ion Ratio Lower Upper
73 100
57 24.0 18.2 27.4



#20
Methylene Chloride
Concen: 18.022 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion: 84 Resp: 64806
Ion Ratio Lower Upper
84 100
49 133.5 102.9 154.3
51 40.8 30.9 46.3
86 66.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 22.322 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

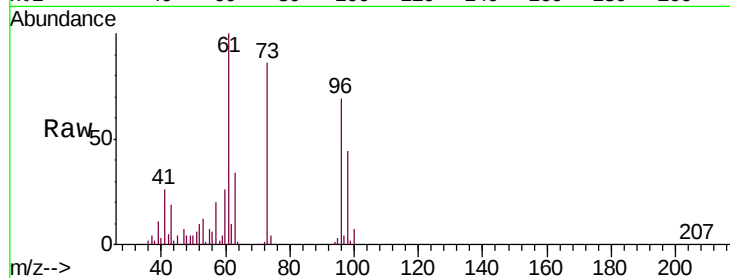
Tot Ion: 96 Resp: 56380

Ion Ratio Lower Upper

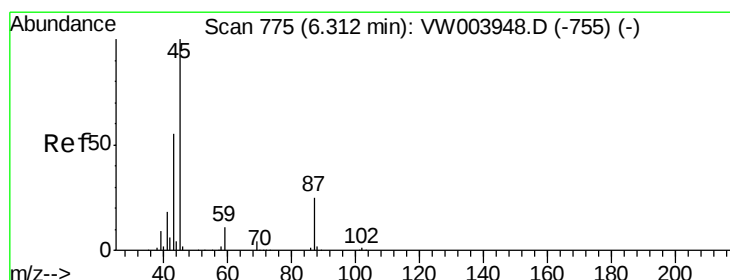
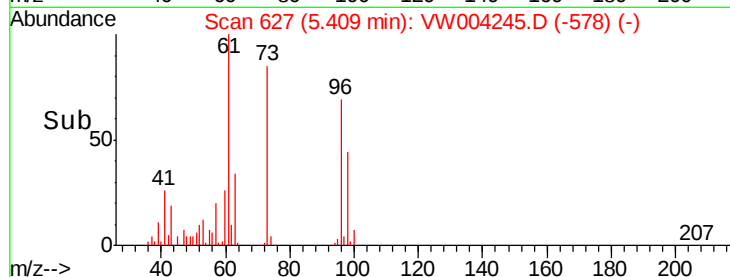
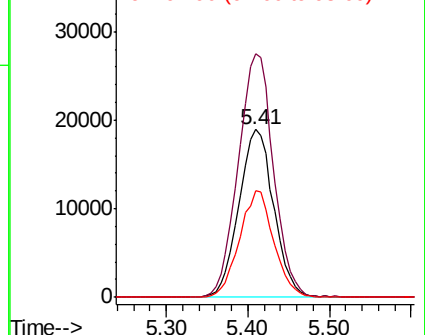
96 100

61 145.3 119.0 178.4

98 63.3 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: 24.607 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Tgt Ion: 45 Resp: 189139

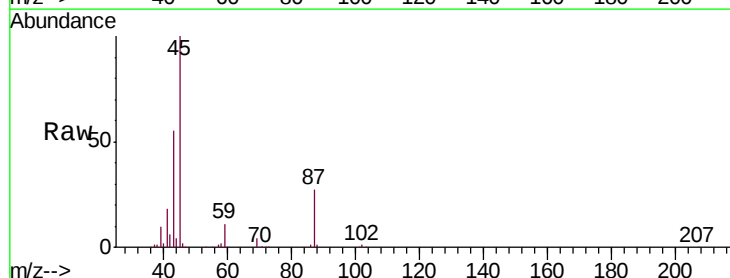
Ion Ratio Lower Upper

45 100

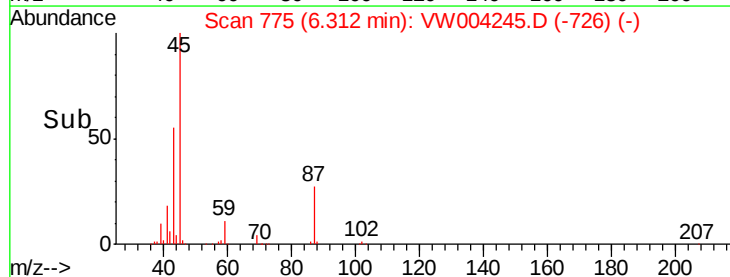
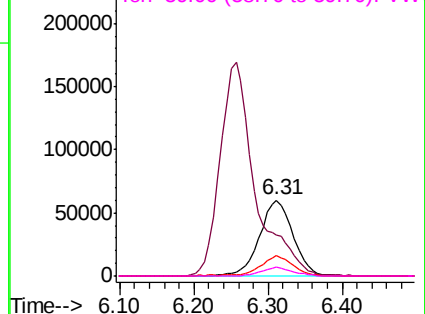
43 53.7 44.3 66.5

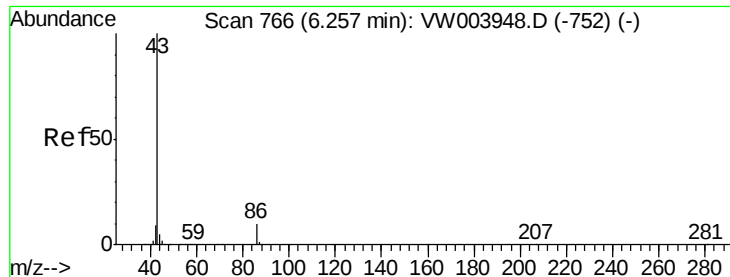
87 26.5 20.2 30.4

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: 113.722 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

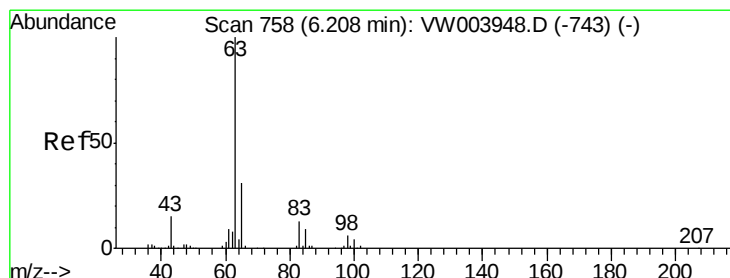
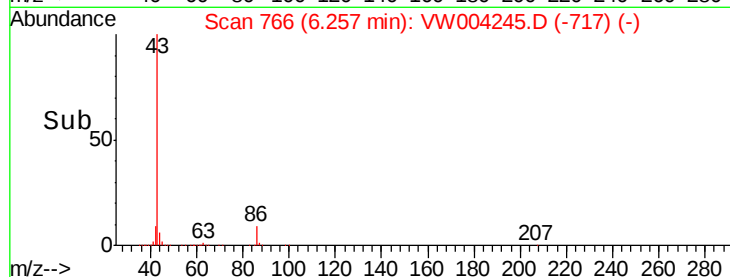
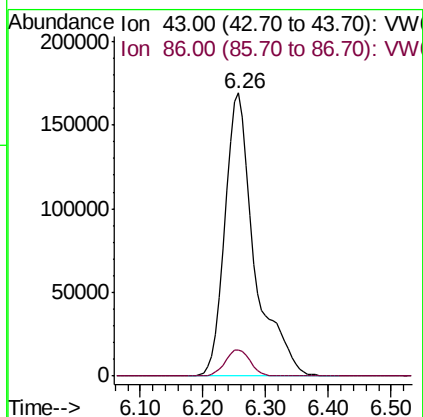
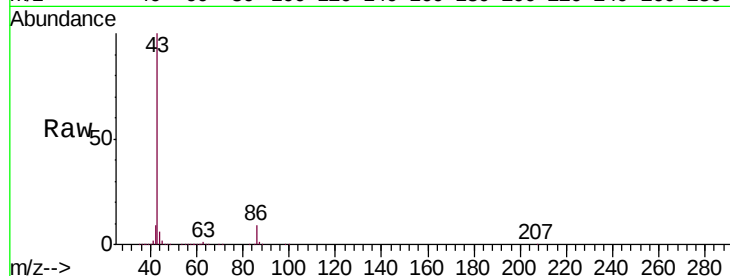
ClientSampleId :

Tot Ion: 43 Resp: 553862

Ion Ratio Lower Upper

43 100

86 9.3 7.6 11.4



#24

1,1-Dichloroethane

Concen: 23.350 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

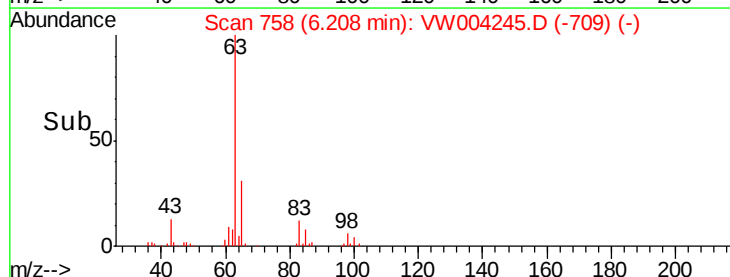
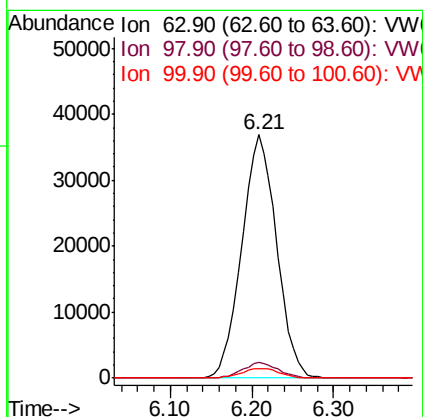
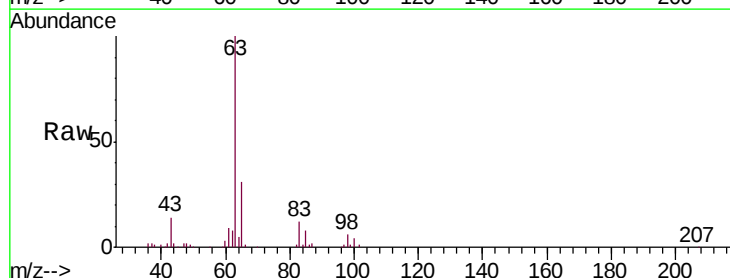
Tgt Ion: 63 Resp: 109511

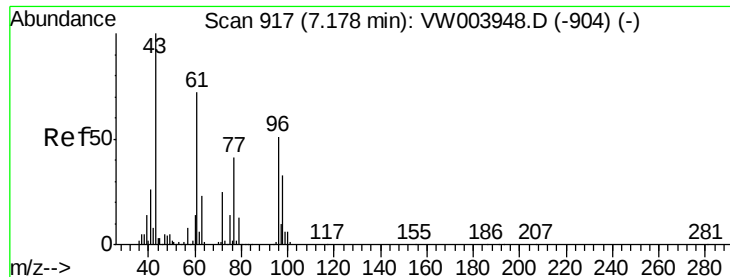
Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 114.083 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

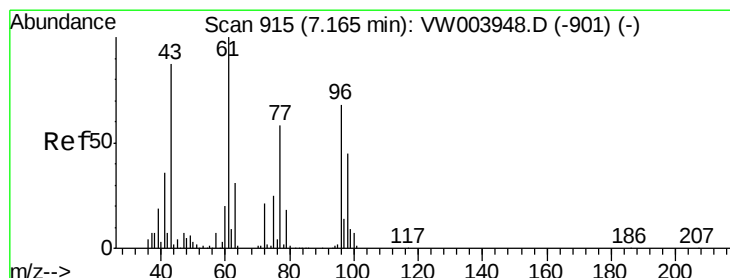
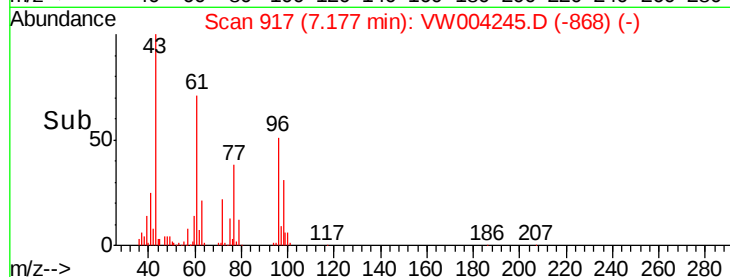
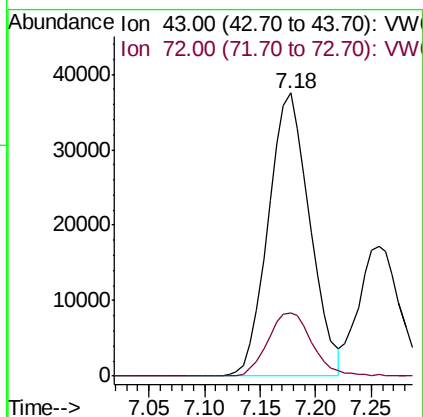
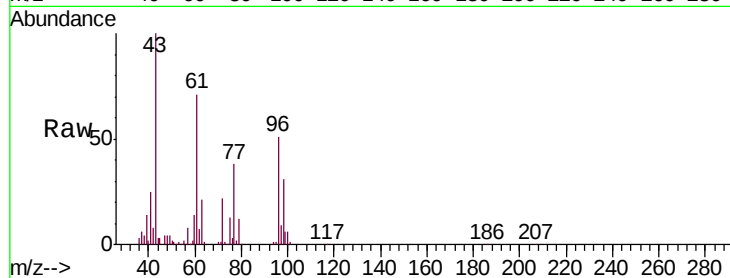
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 97770

Ion Ratio Lower Upper

43 100

72 22.3 19.8 29.6



#26

2,2-Dichloropropane

Concen: 19.210 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004245.D

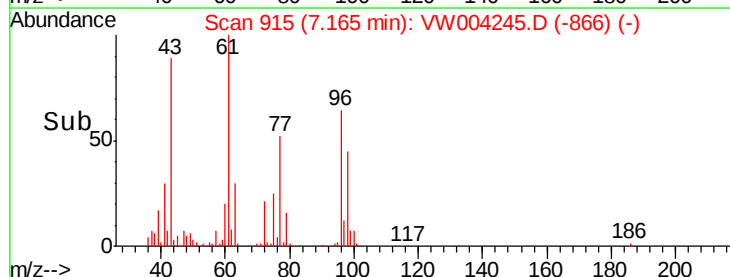
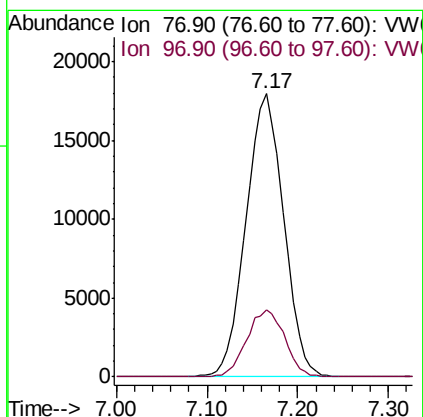
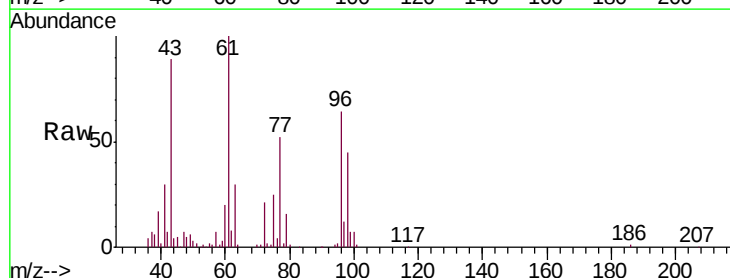
Acq: 27 Jul 2018 01:55

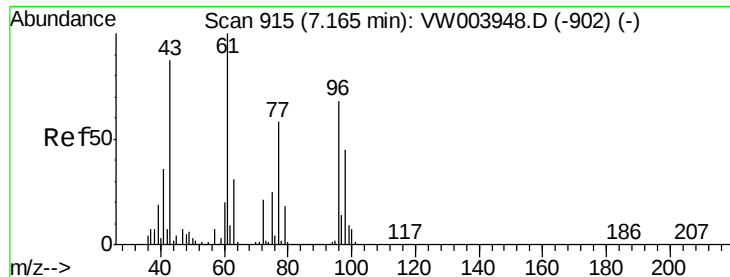
Tgt Ion: 77 Resp: 51718

Ion Ratio Lower Upper

77 100

97 23.8 11.8 35.3



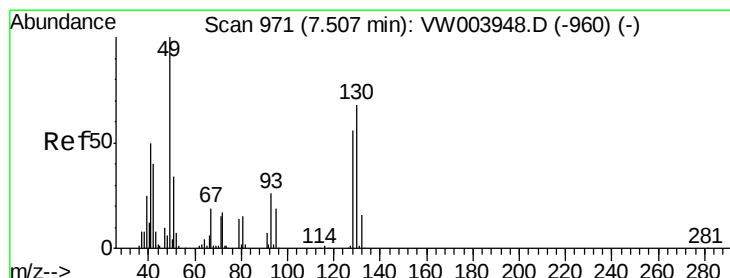
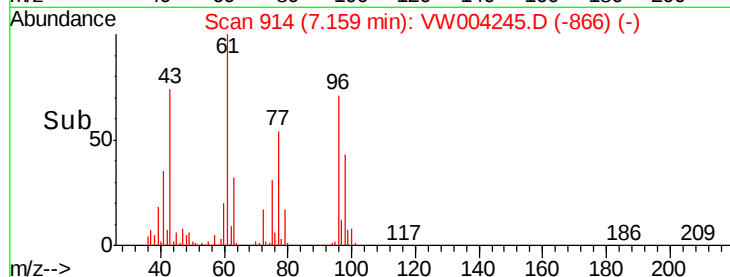
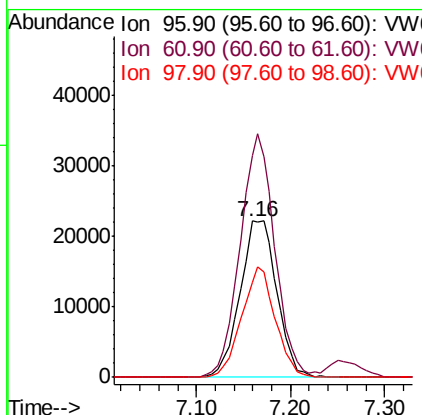
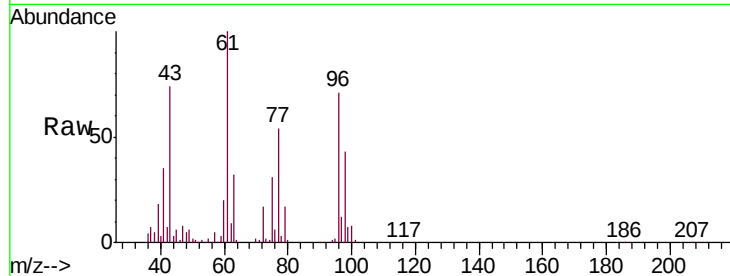


#27

cis-1,2-Dichloroethene
 Concen: 22.298 ug/l
 RT: 7.16 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Instrument :
 MSVOA_W
 ClientSampled :

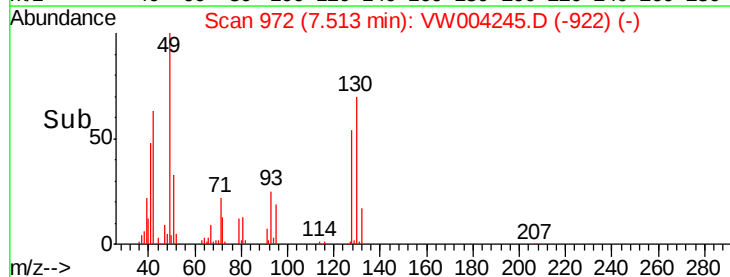
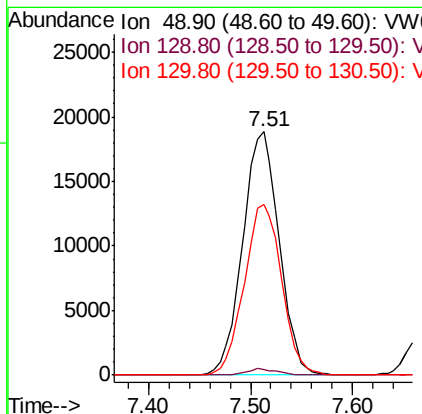
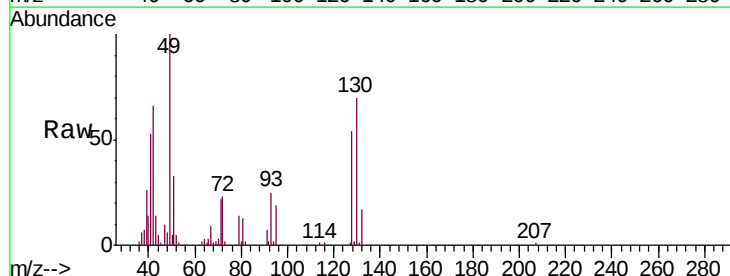
Tot Ion	96	Resp	60880
Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	298.6
98	64.3	0.0	130.4

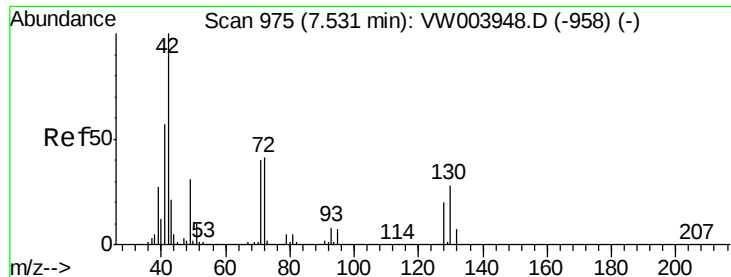


#28

Bromochloromethane
 Concen: 24.480 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.01 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion	49	Resp	46987
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.2
130	71.5	58.3	87.5

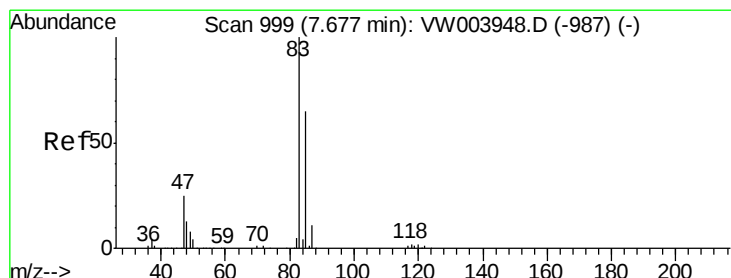
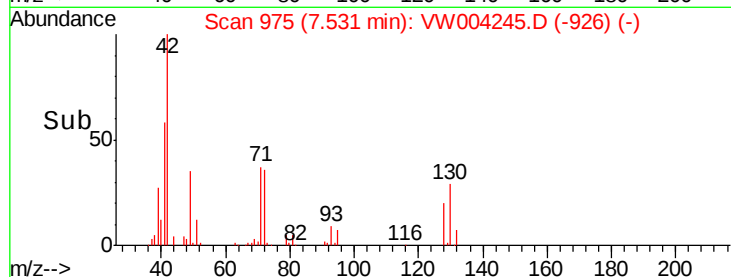
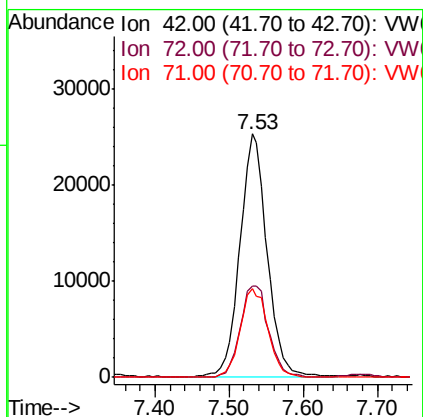
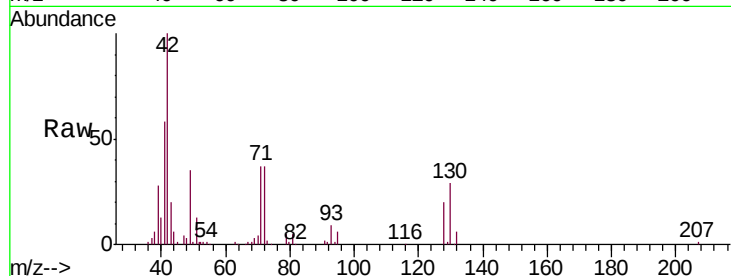




#29
Tetrahydrofuran
Concen: 122.191 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

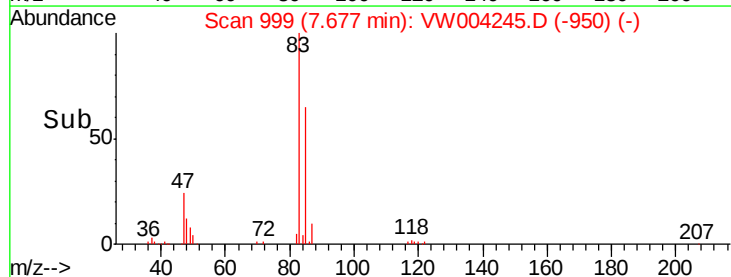
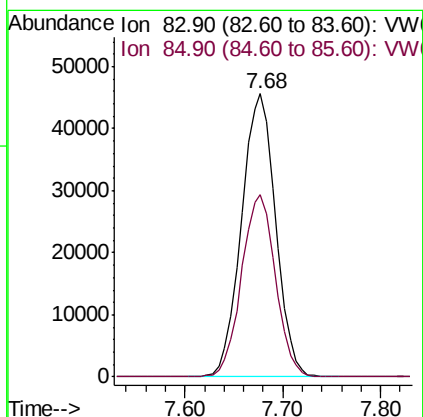
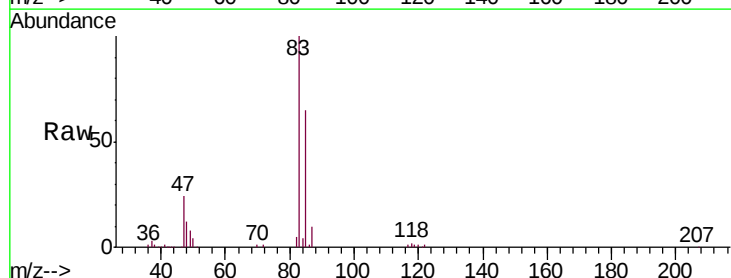
Instrument :
MSVOA_W
ClientSampleId :

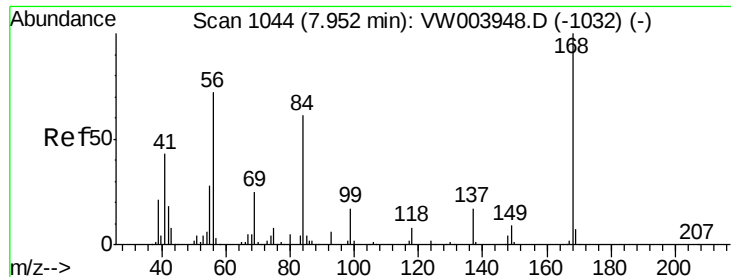
Tot Ion: 42 Resp: 65229
Ion Ratio Lower Upper
42 100
72 39.0 32.6 48.8
71 37.0 30.5 45.7



#30
Chloroform
Concen: 23.638 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion: 83 Resp: 110277
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.4

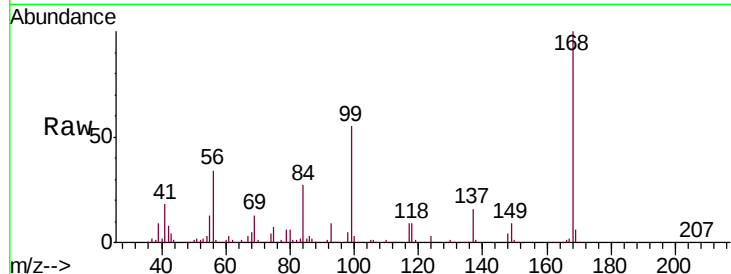




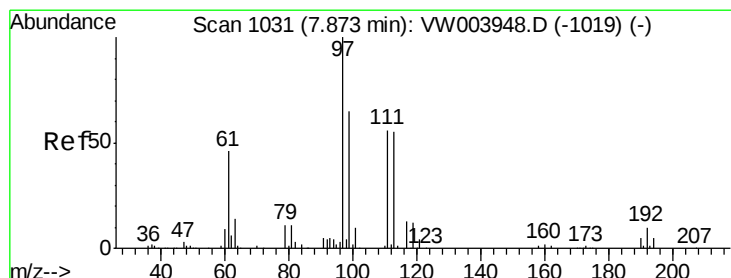
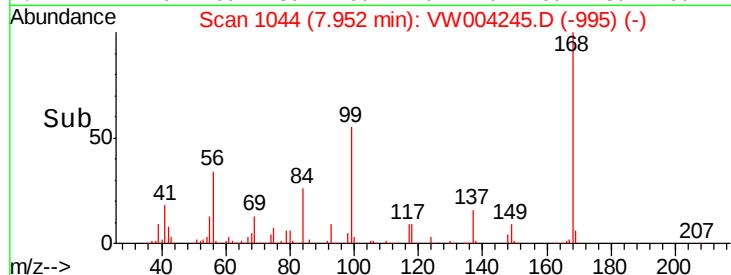
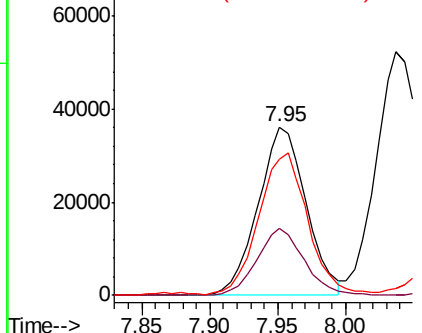
#31
Cyclohexane
Concen: 20.282 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 89168
Ion Ratio Lower Upper
56 100
69 39.9 27.8 41.8
84 80.0 67.2 100.8

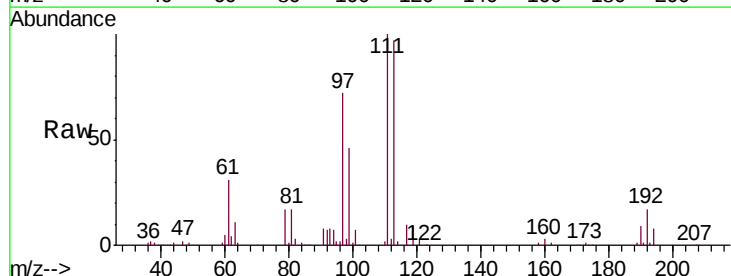


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

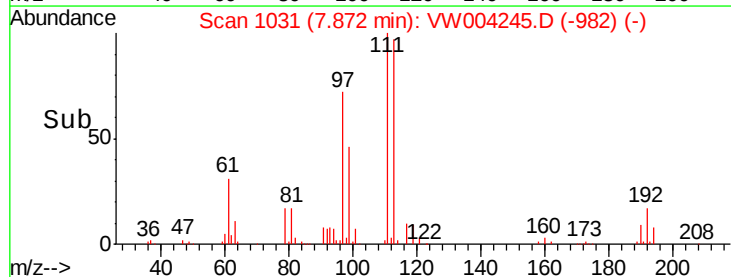
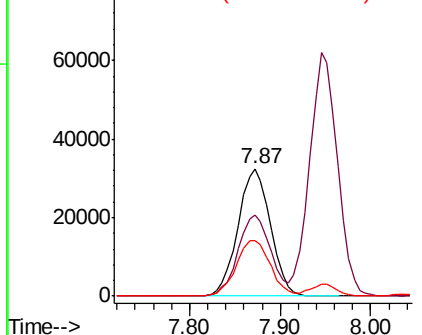


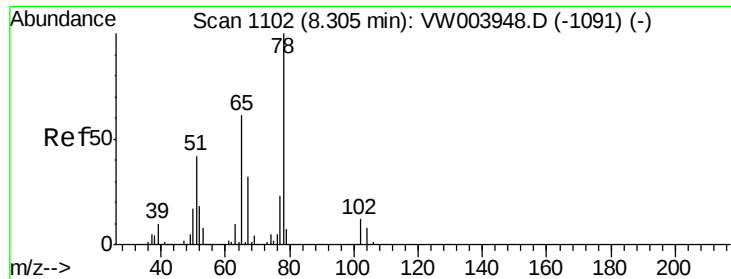
#32
1,1,1-Trichloroethane
Concen: 22.070 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion: 97 Resp: 80401
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 45.8 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

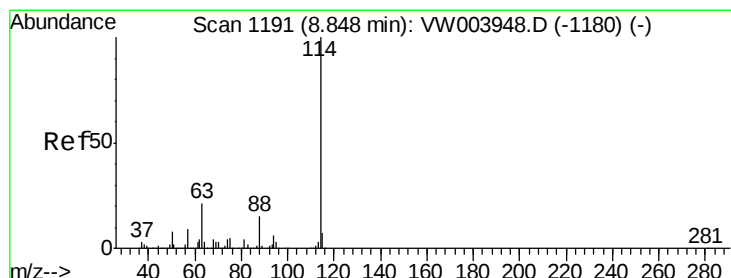
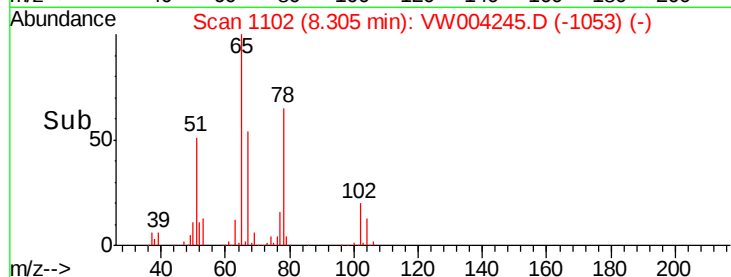
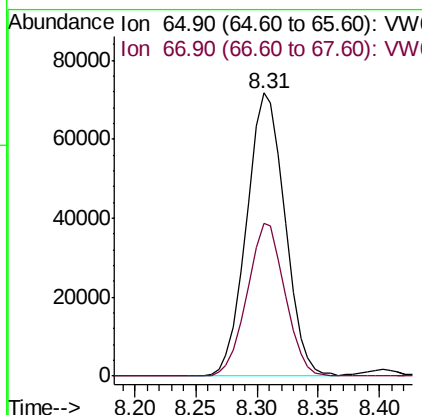
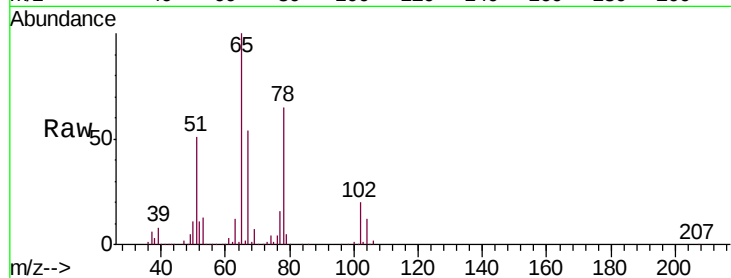




#33
 1,2-Dichloroethane-d4
 Concen: 59.135 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

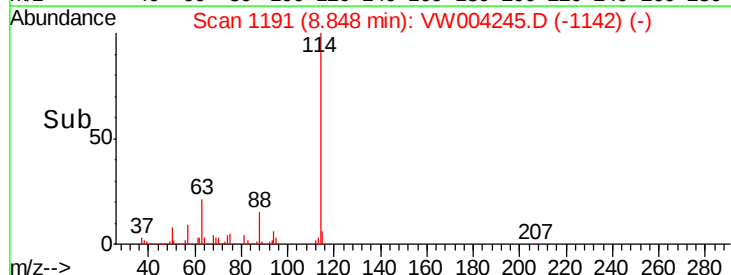
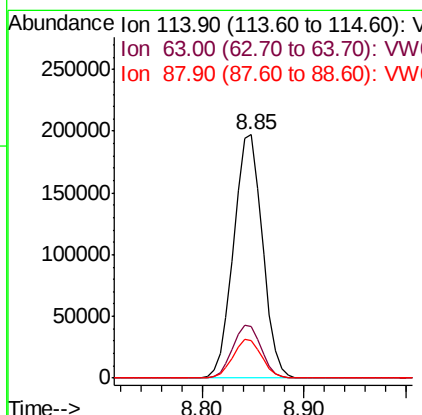
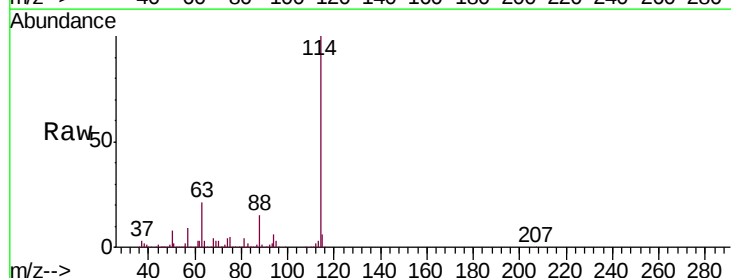
Instrument :
 MSVOA_W
 ClientSampled :

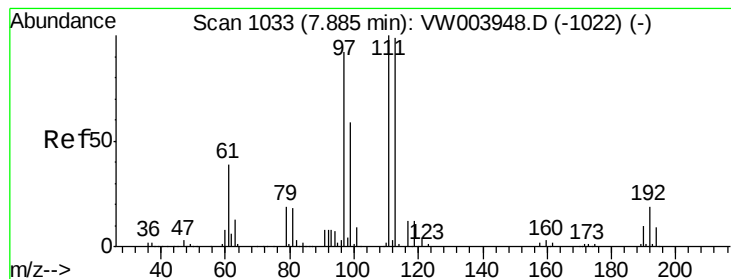
Tot Ion: 65 Resp: 156720
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion: 114 Resp: 386055
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.8
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 55.391 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :

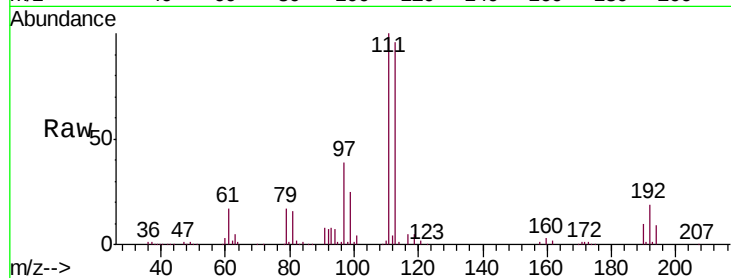
Tot Ion:113 Resp: 137206

Ion Ratio Lower Upper

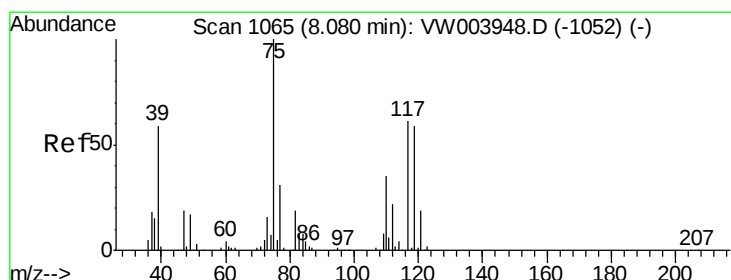
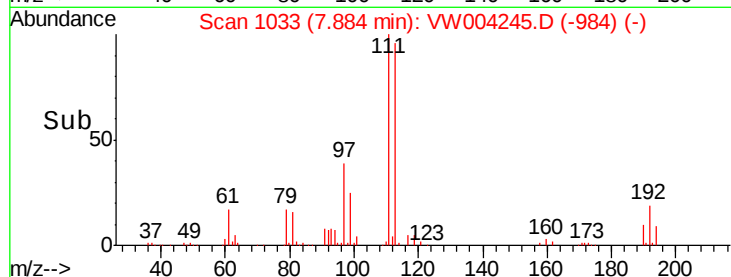
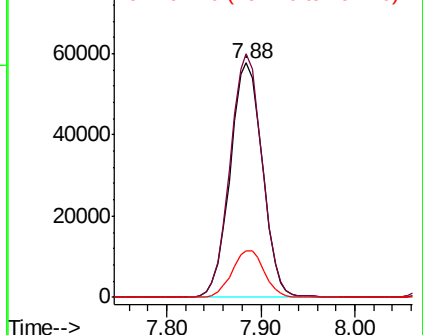
113 100

111 103.2 81.3 121.9

192 19.8 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: 20.542 ug/l

RT: 8.08 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

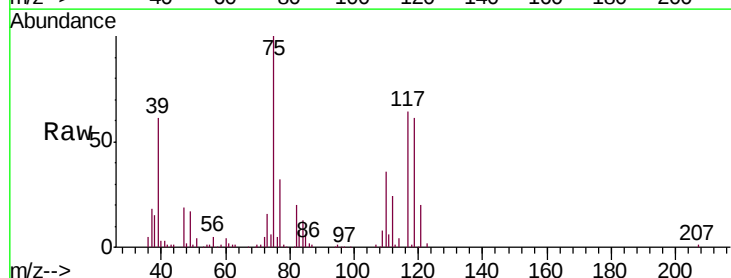
Tgt Ion: 75 Resp: 81593

Ion Ratio Lower Upper

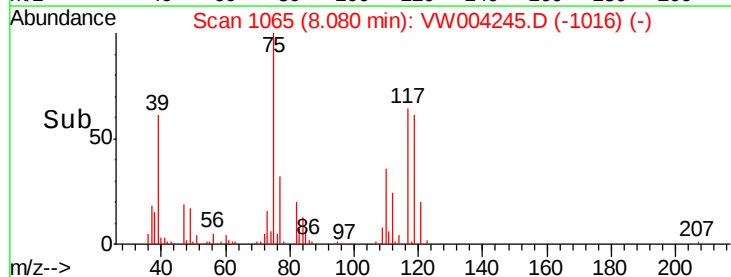
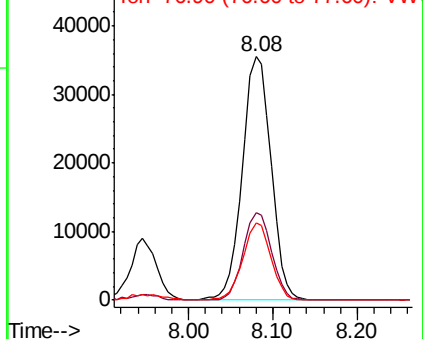
75 100

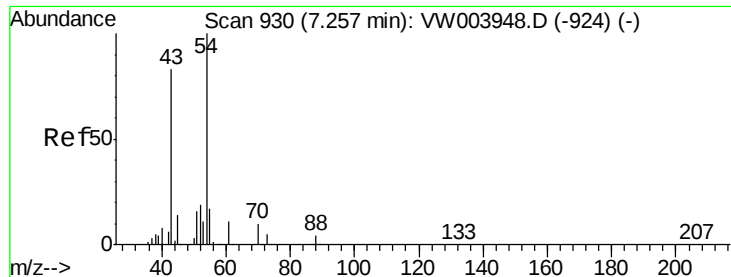
110 35.3 17.0 51.0

77 31.2 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

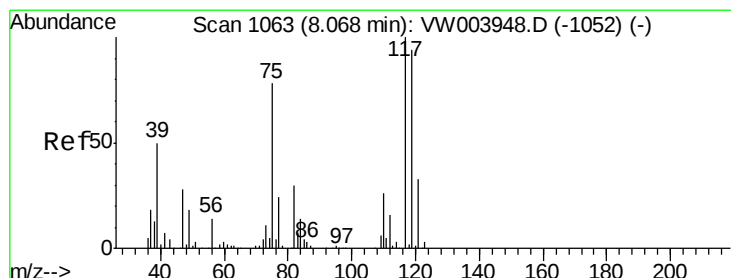
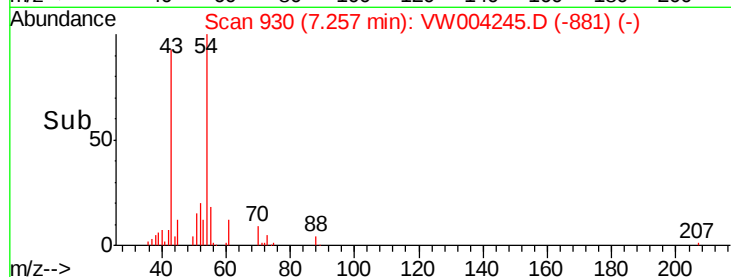
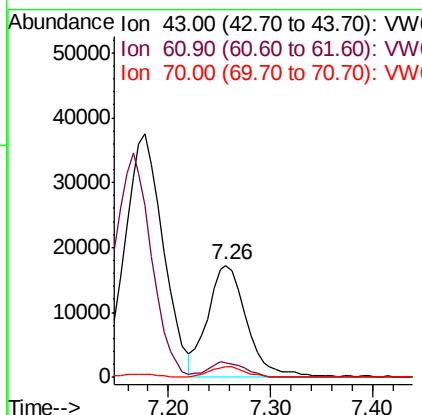
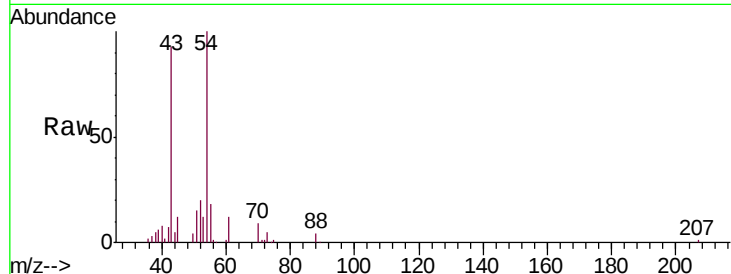




#37
Ethyl Acetate
Concen: 23.677 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

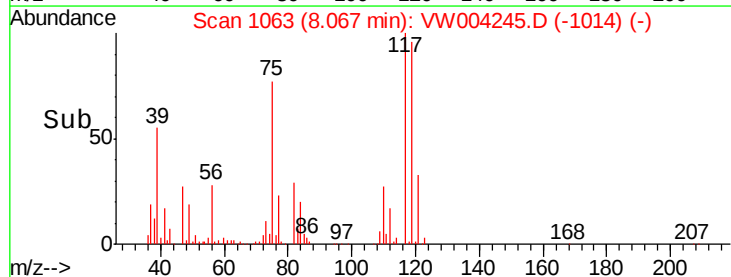
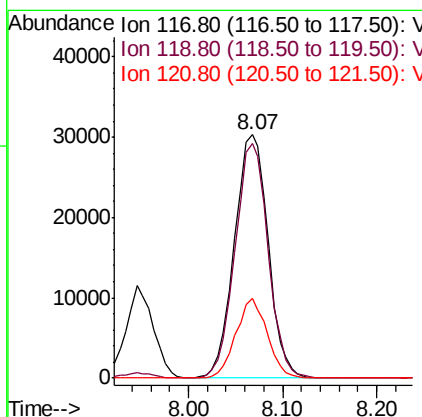
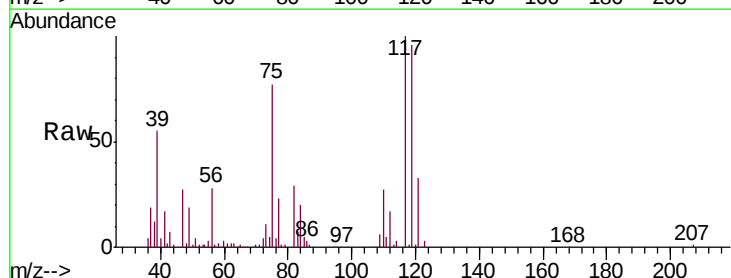
Instrument :
MSVOA_W
ClientSampled :

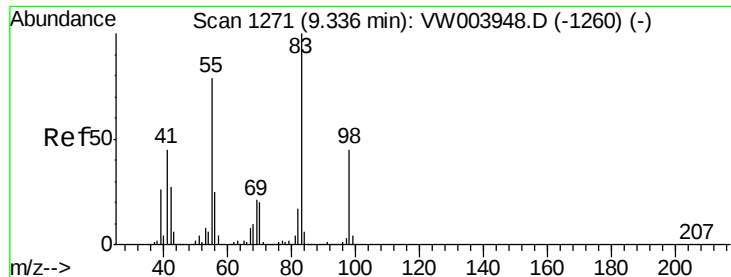
Tot Ion: 43 Resp: 45361
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 9.1 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.465 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion: 117 Resp: 75953
Ion Ratio Lower Upper
117 100
119 96.5 75.3 112.9
121 32.6 26.0 39.0

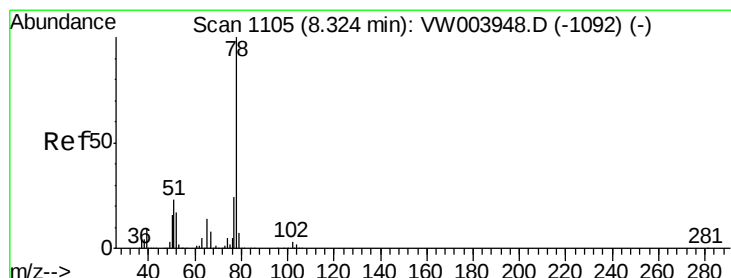
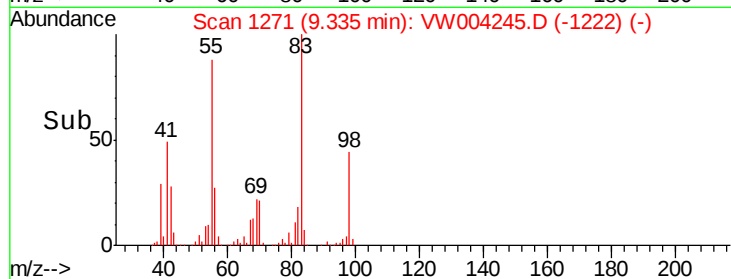
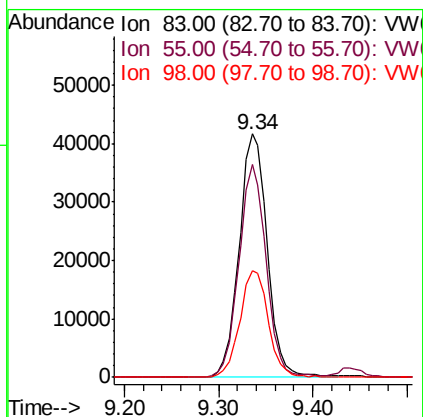
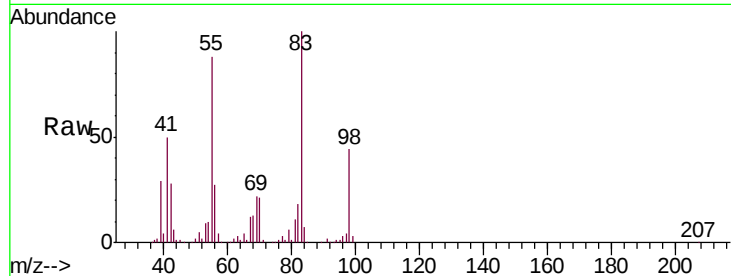




#39
Methvlcvclohexane
Concen: 18.636 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

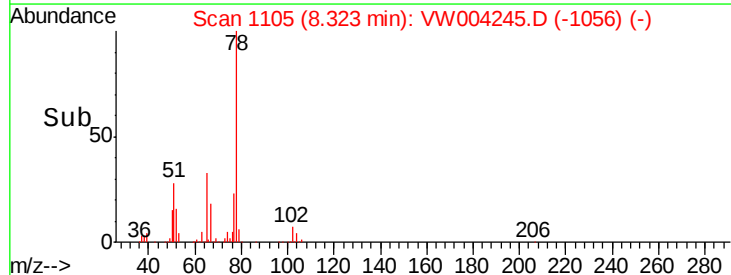
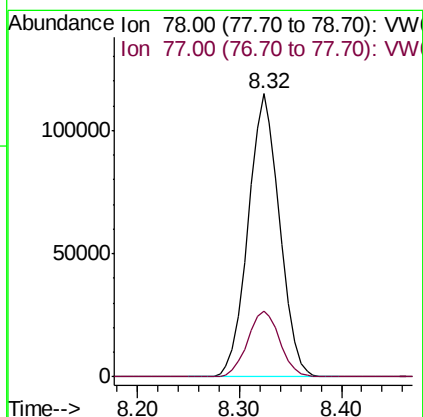
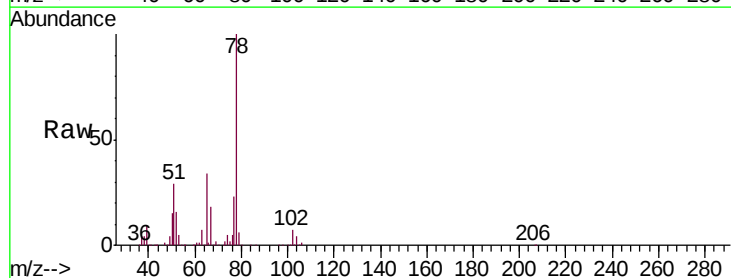
Instrument :
MSVOA_W
ClientSampled :

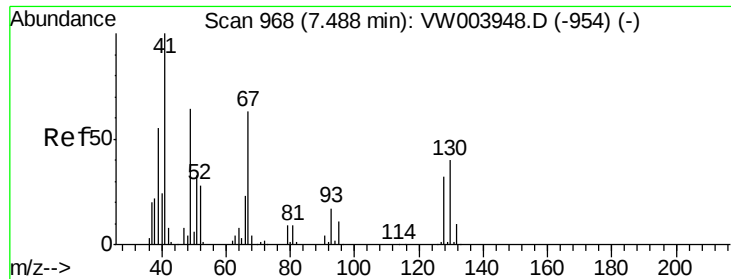
Tot Ion	83.00	Resp	86690
Ion Ratio	Lower	Upper	
83	100		
55	87.6	62.8	94.2
98	43.8	36.2	54.4



#40
Benzene
Concen: 22.341 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion	78.00	Resp	246190
Ion Ratio	Lower	Upper	
78	100		
77	23.1	19.5	29.3

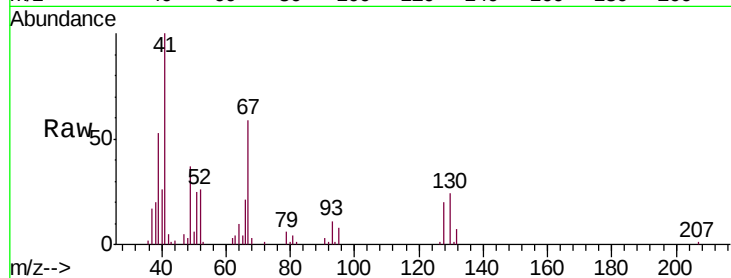




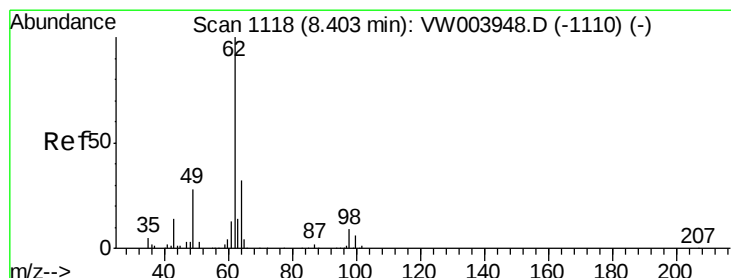
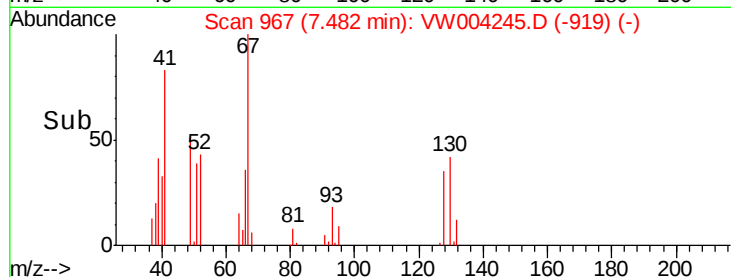
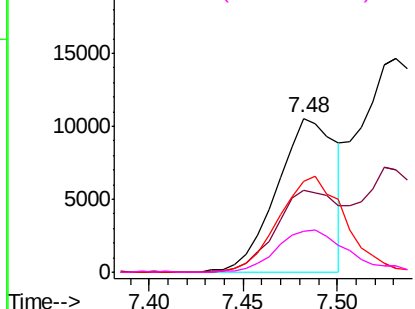
#41
Methacrylonitrile
Concen: 21.703 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	23039
Ion	Ratio	Lower	Upper
41	100		
39	61.4	50.0	75.0
67	70.4	60.8	91.2
52	32.9	26.2	39.4

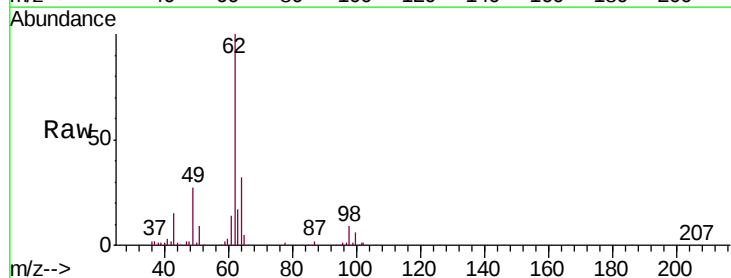


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

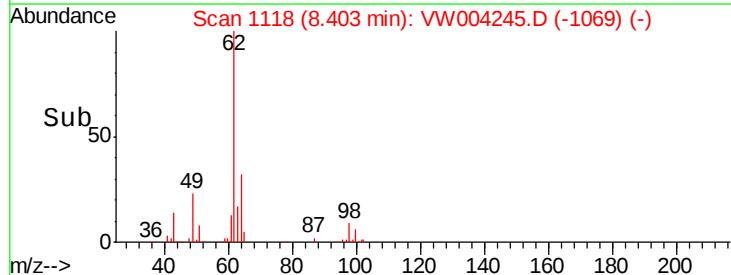
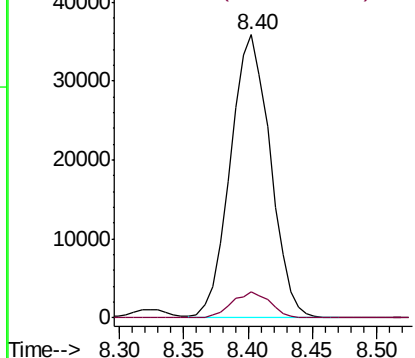


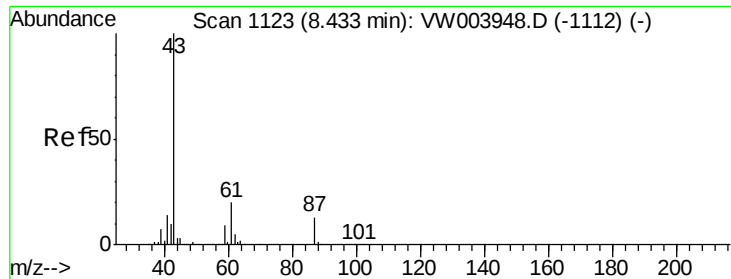
#42
1,2-Dichloroethane
Concen: 22.959 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion:	62	Resp:	77187
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: 22.372 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampled :

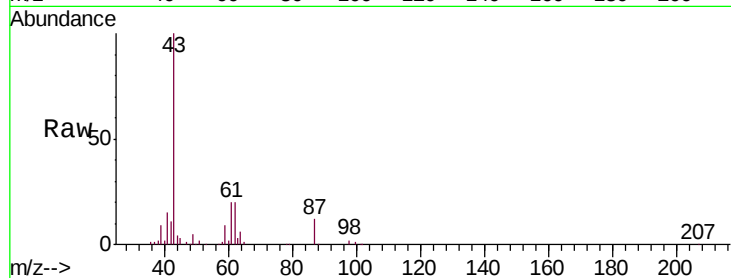
Tot Ion: 43 Resp: 80163

Ion Ratio Lower Upper

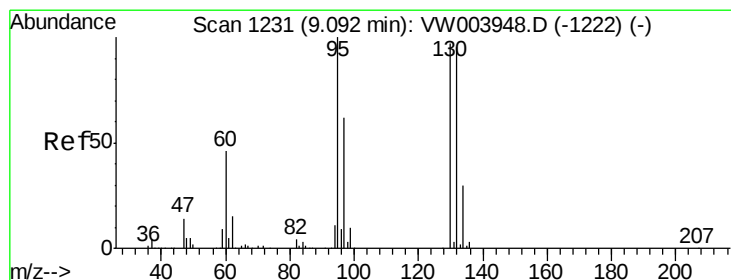
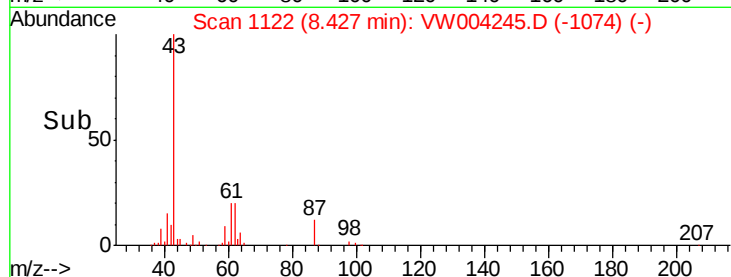
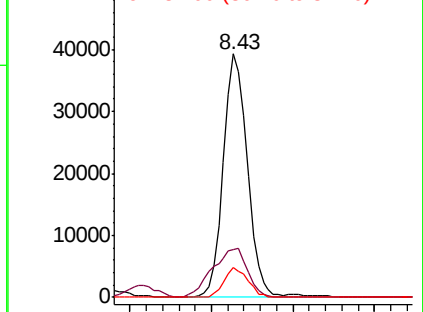
43 100

61 29.2 23.0 34.6

87 12.1 9.9 14.9



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



#44

Trichloroethene

Concen: 21.103 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW004245.D

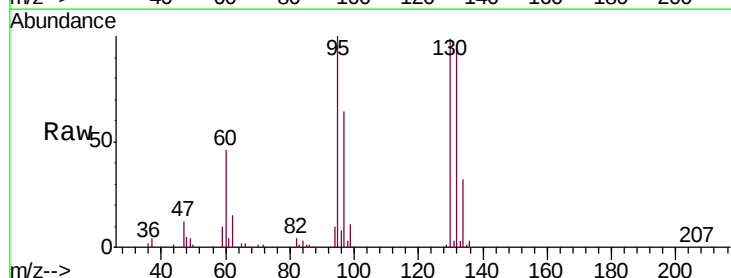
Acq: 27 Jul 2018 01:55

Tgt Ion: 130 Resp: 60279

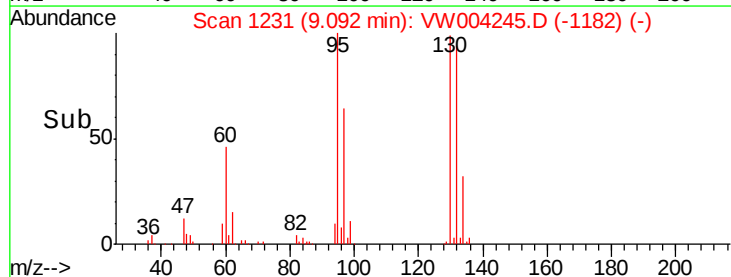
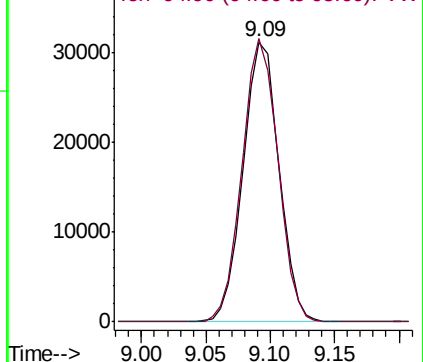
Ion Ratio Lower Upper

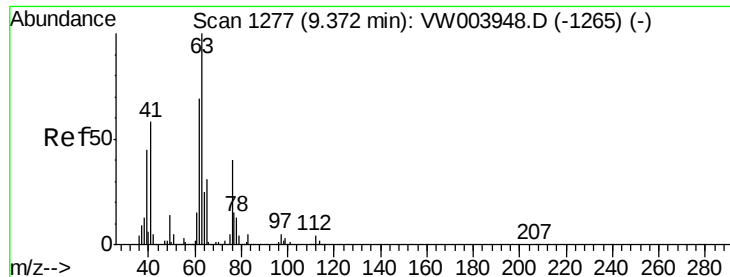
130 100

95 101.2 0.0 206.8



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





#45

1,2-Dichloropropane

Concen: 23.258 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

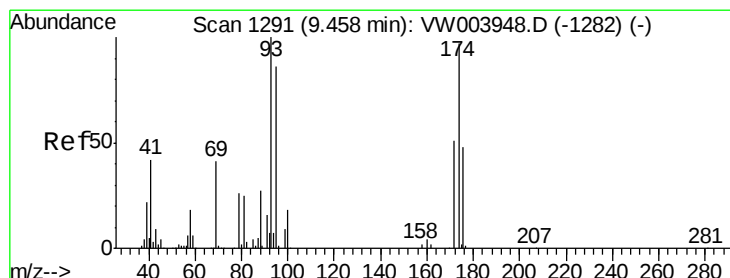
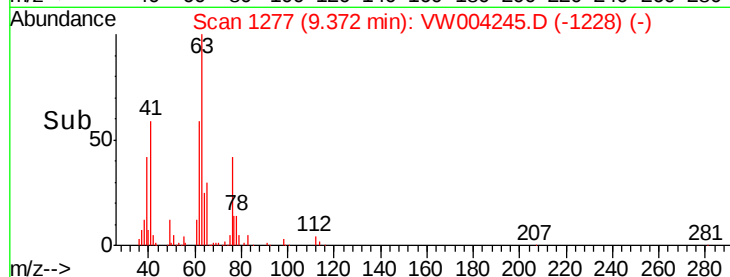
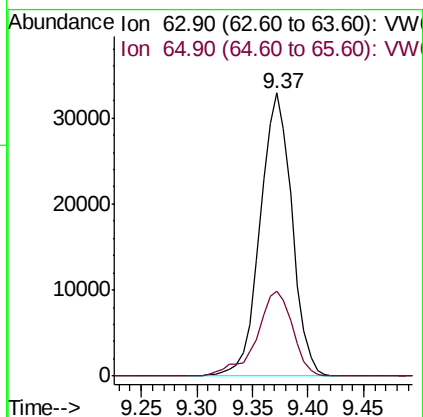
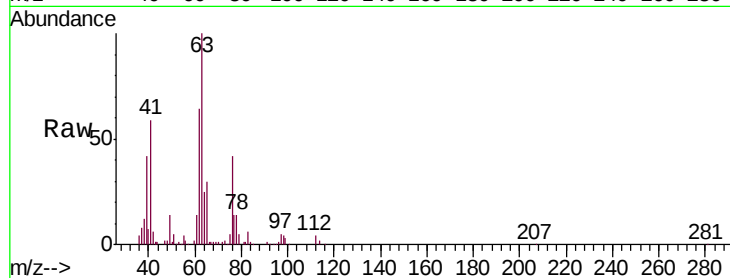
ClientSampleId :

Tot Ion: 63 Resp: 65414

Ion Ratio Lower Upper

63 100

65 30.2 24.8 37.2



#46

Dibromomethane

Concen: 23.282 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

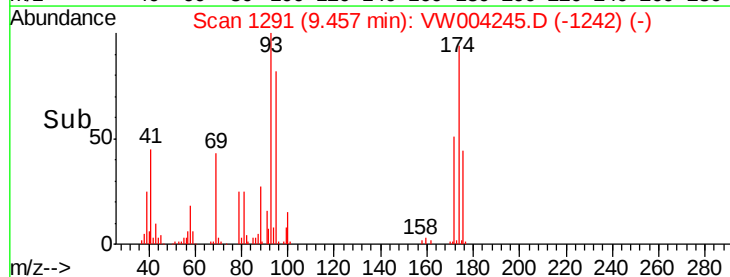
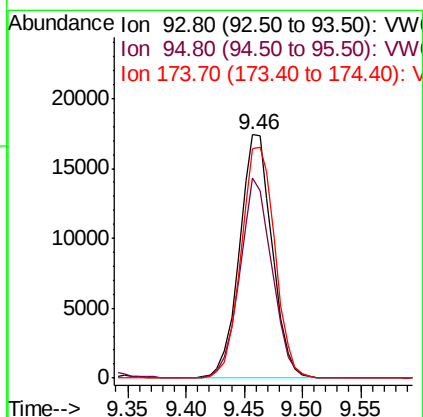
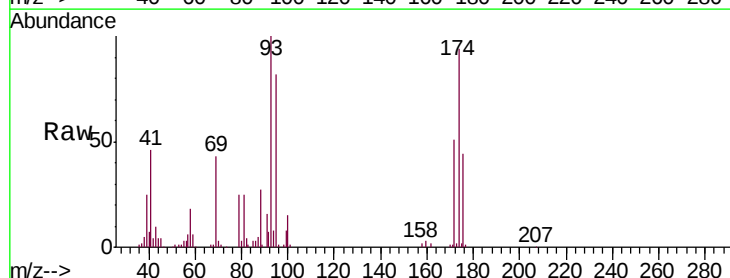
Tgt Ion: 93 Resp: 33979

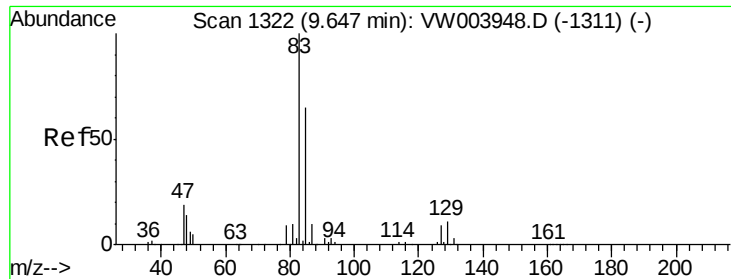
Ion Ratio Lower Upper

93 100

95 81.1 66.9 100.3

174 98.3 80.2 120.2

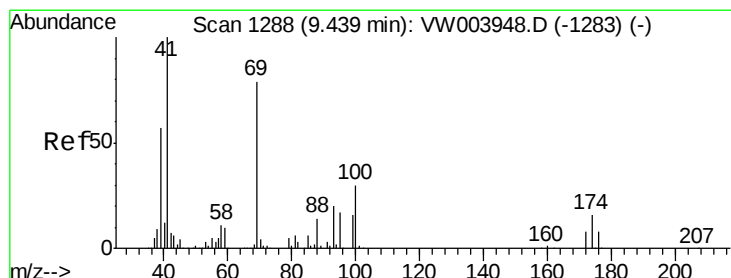
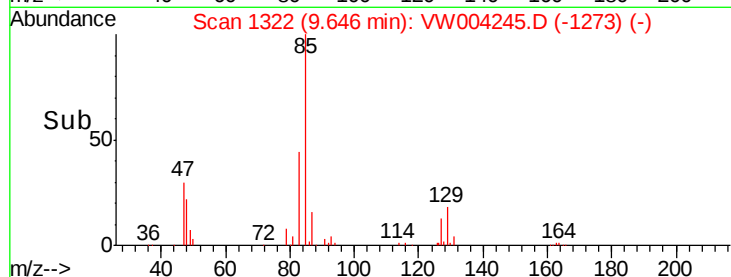
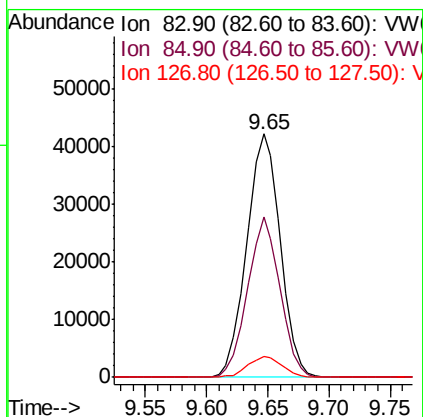
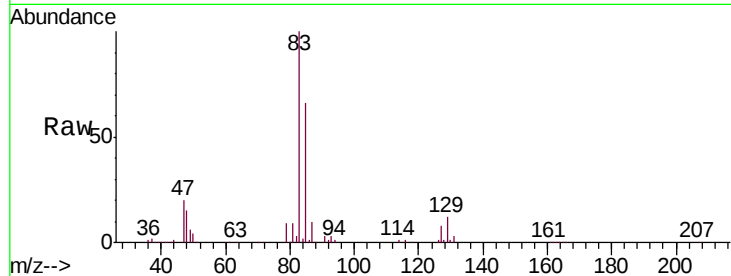




#47
Bromodichloromethane
Concen: 22.380 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

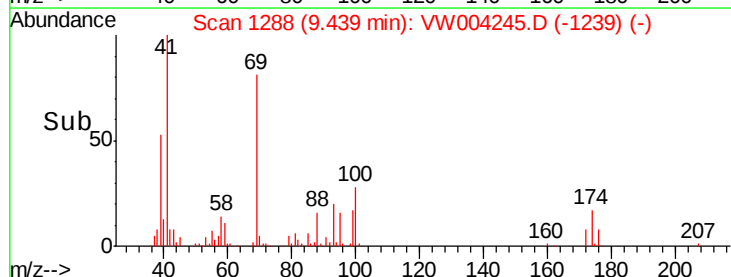
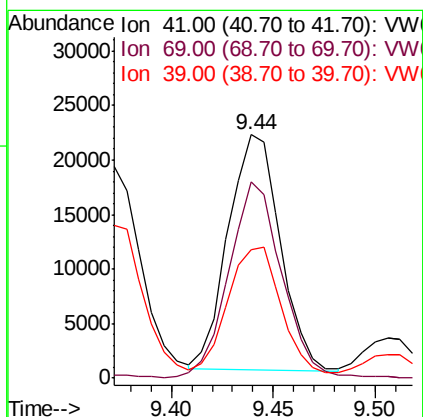
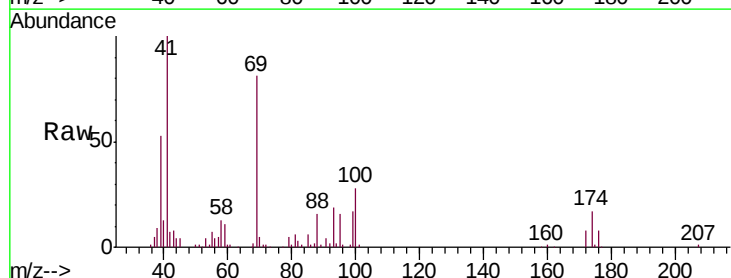
Instrument :
MSVOA_W
ClientSampled :

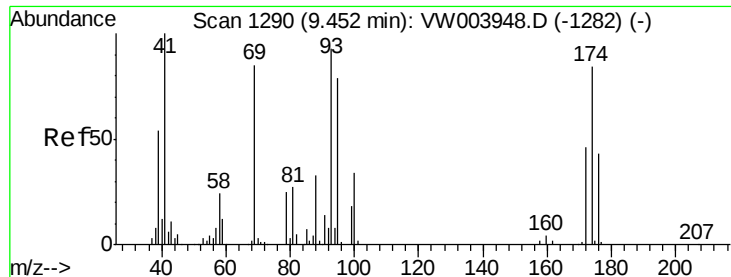
Tot Ion: 83 Resp: 80522
Ion Ratio Lower Upper
83 100
85 65.8 52.2 78.2
127 8.4 7.0 10.4



#48
Methyl methacrylate
Concen: 22.021 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion: 41 Resp: 38160
Ion Ratio Lower Upper
41 100
69 85.5 67.0 100.6
39 58.7 48.8 73.2





#49

1,4-Dioxane

Concen: 502.944 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

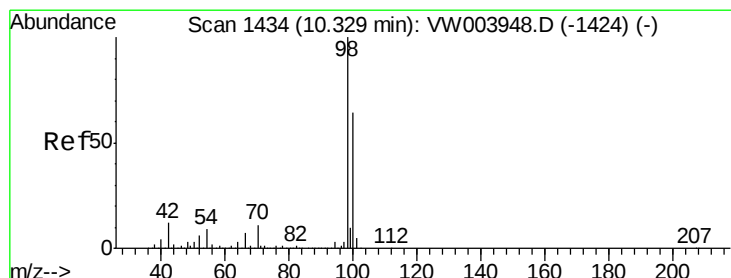
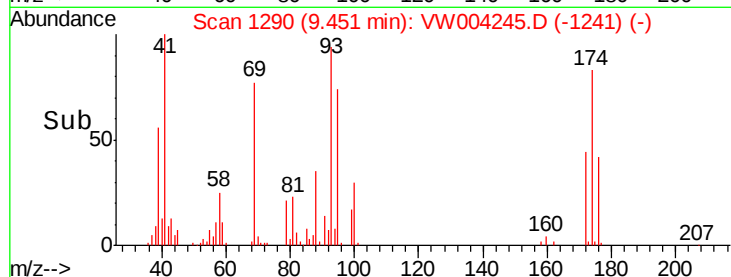
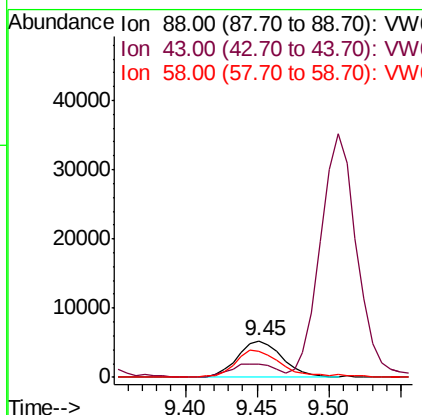
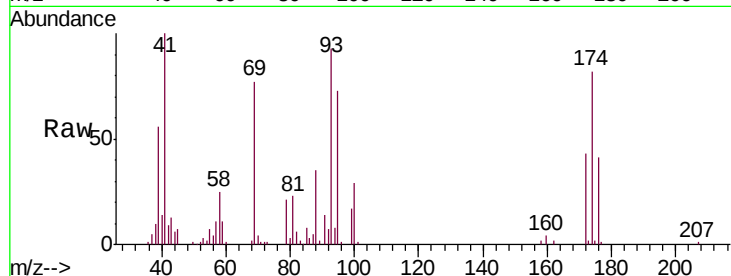
Tot Ion: 88 Resp: 11283

Ion Ratio Lower Upper

88 100

43 35.6 27.3 40.9

58 79.7 61.1 91.7



#50

Toluene-d8

Concen: 55.973 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004245.D

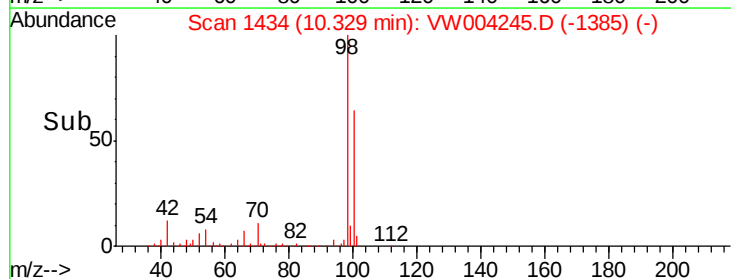
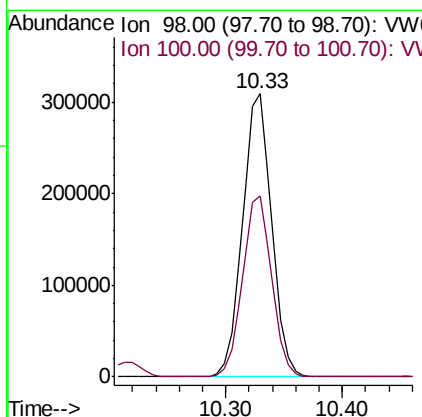
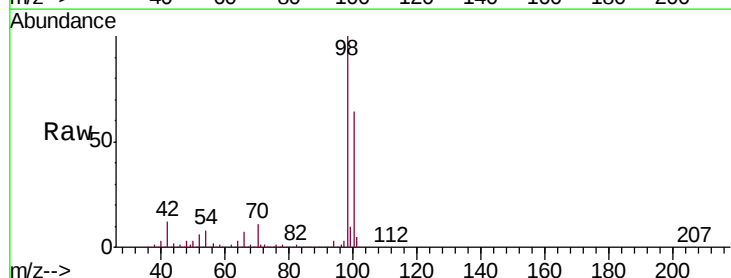
Acq: 27 Jul 2018 01:55

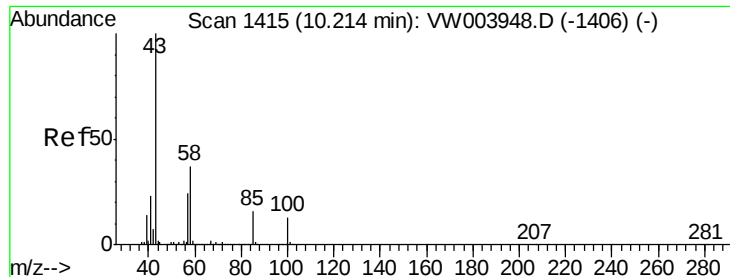
Tgt Ion: 98 Resp: 537983

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 116.960 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

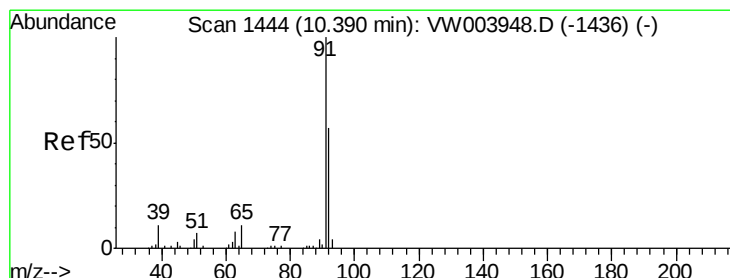
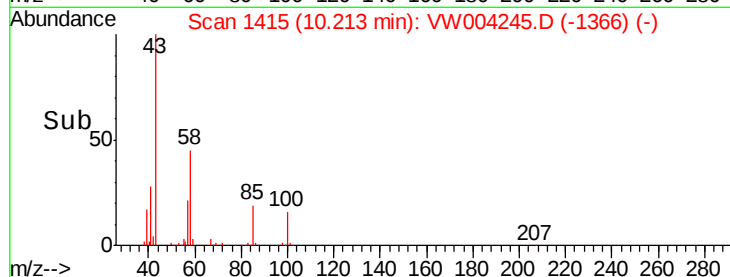
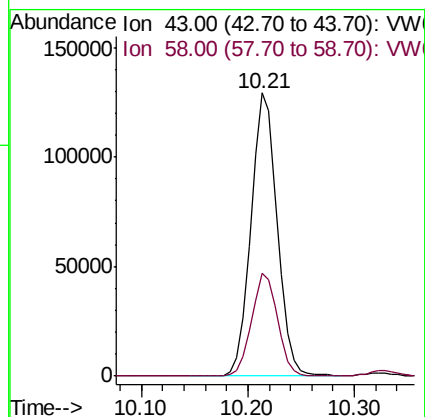
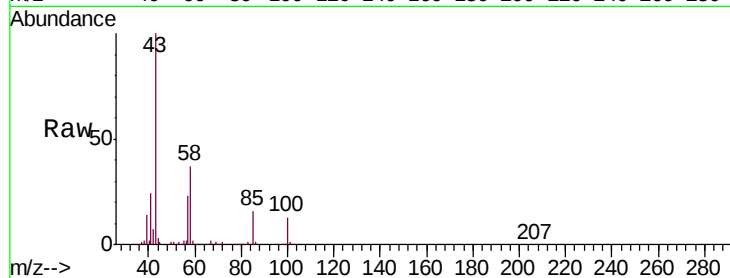
ClientSampled :

Tot Ion: 43 Resp: 223279

Ion Ratio Lower Upper

43 100

58 36.2 29.9 44.9



#52

Toluene

Concen: 22.411 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004245.D

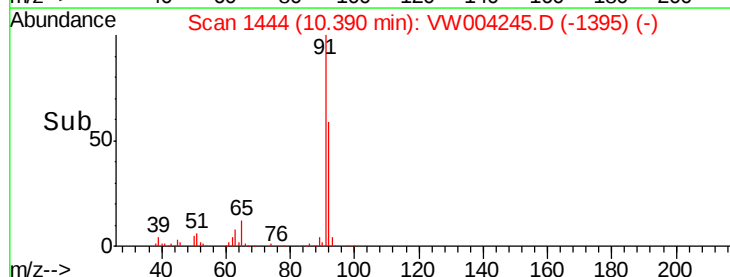
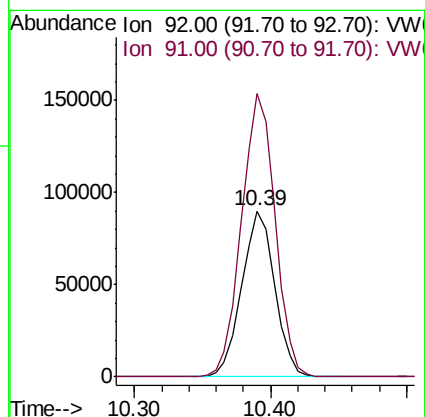
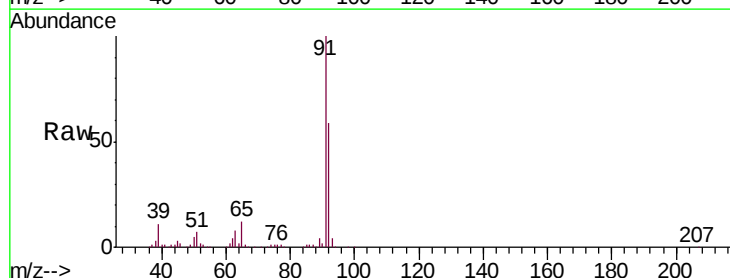
Acq: 27 Jul 2018 01:55

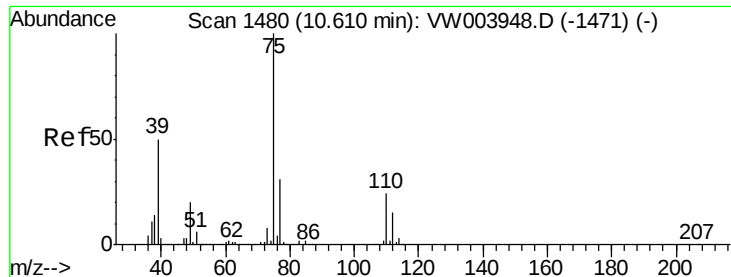
Tgt Ion: 92 Resp: 152712

Ion Ratio Lower Upper

92 100

91 173.6 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 20.663 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

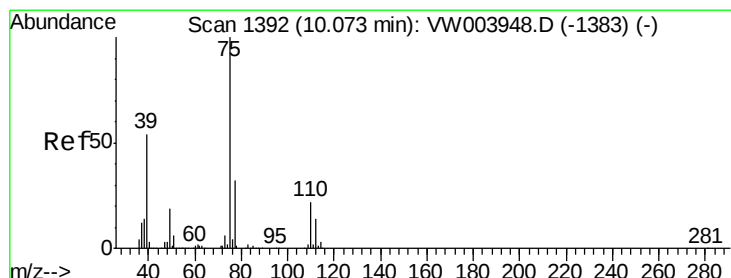
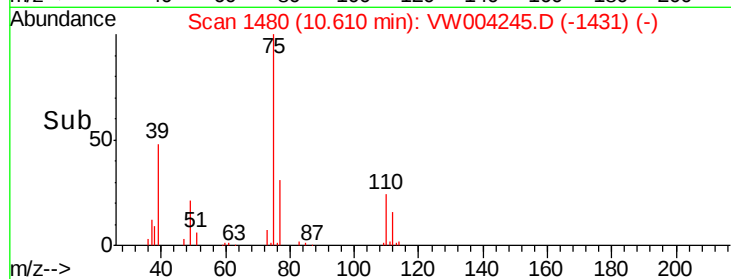
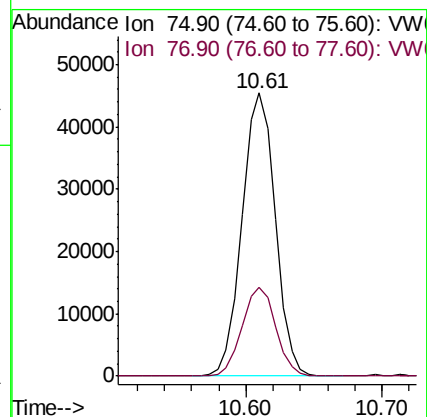
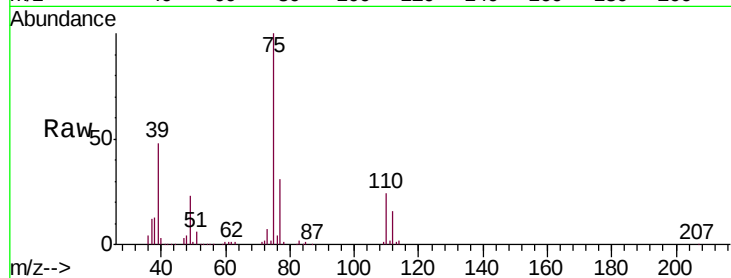
ClientSampled :

Tot Ion: 75 Resp: 77740

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 21.021 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

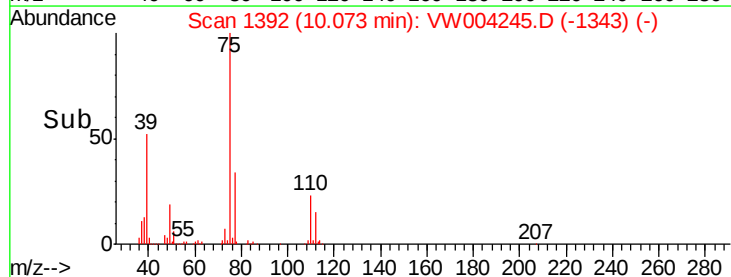
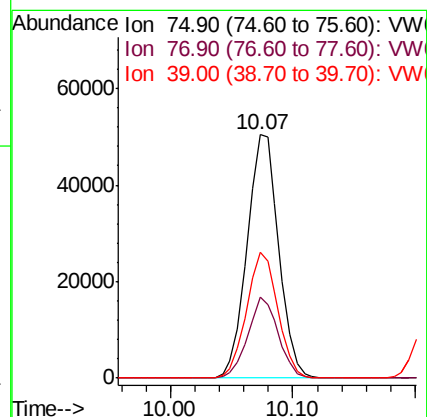
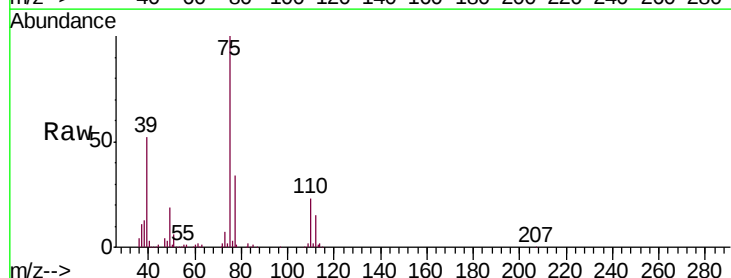
Tgt Ion: 75 Resp: 90476

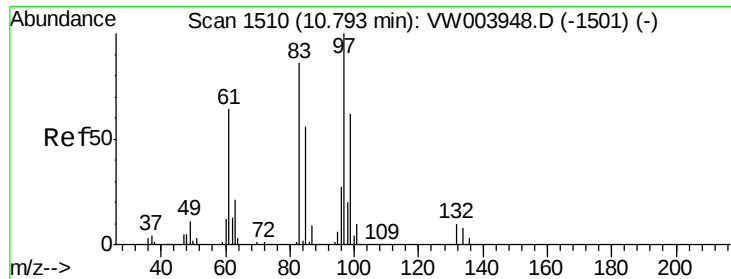
Ion Ratio Lower Upper

75 100

77 33.5 25.4 38.2

39 51.6 43.0 64.6

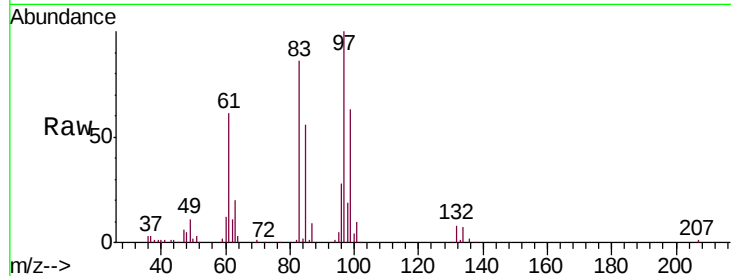




#55
 1,1,2-Trichloroethane
 Concen: 23.020 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	47250
Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.0	103.4
85	56.2	45.0	67.6
99	63.5	49.9	74.9



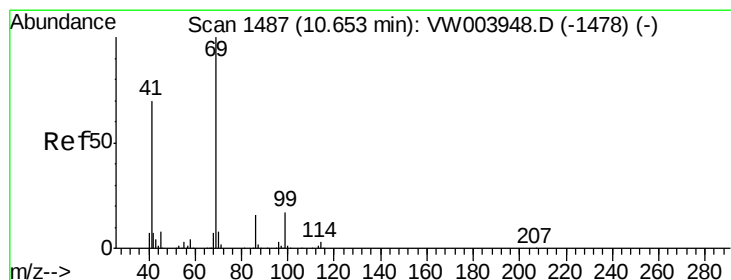
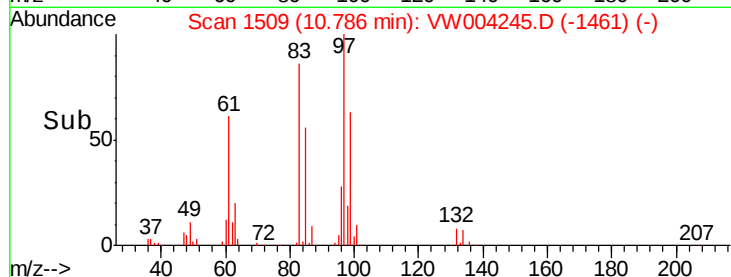
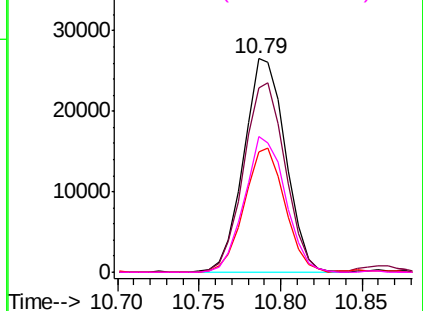
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

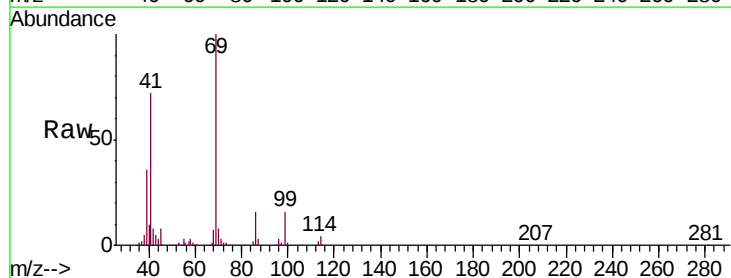
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 21.090 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion:	69	Resp:	56604
Ion	Ratio	Lower	Upper
69	100		
41	72.7	56.5	84.7
39	34.4	30.2	45.4

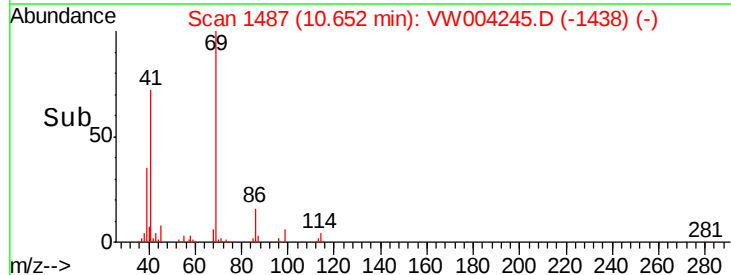
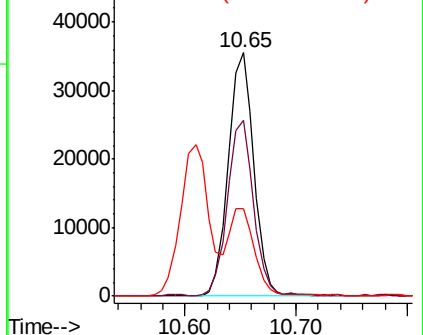


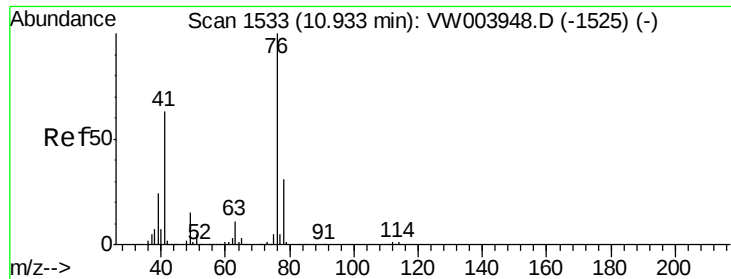
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

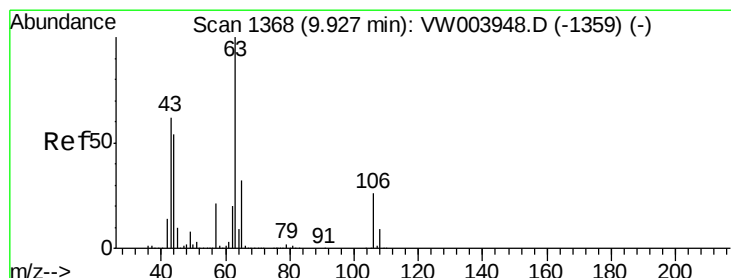
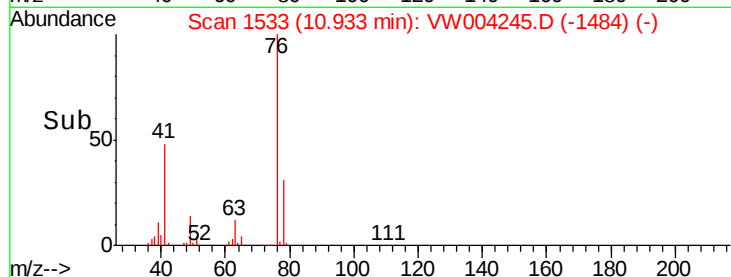
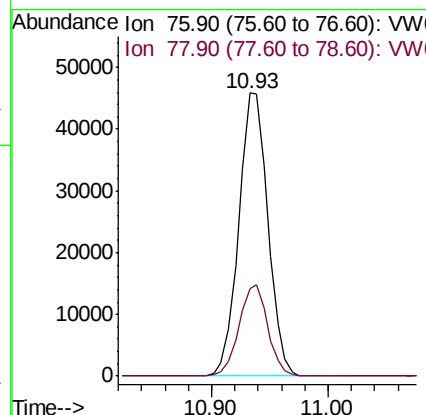
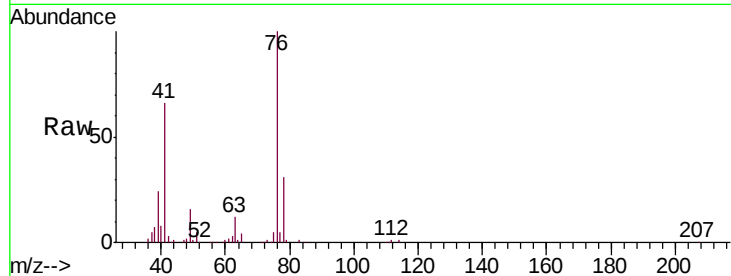




#57
 1,3-Dichloropropane
 Concen: 22.470 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

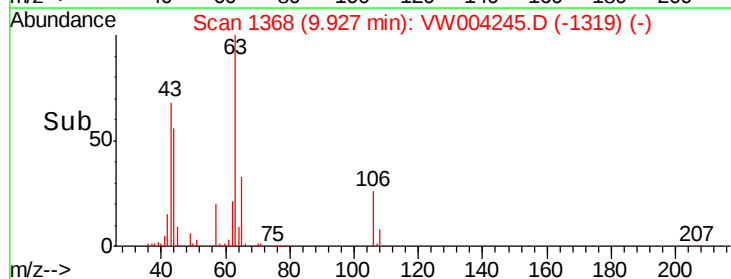
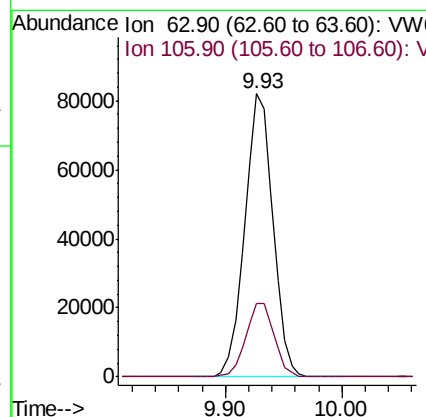
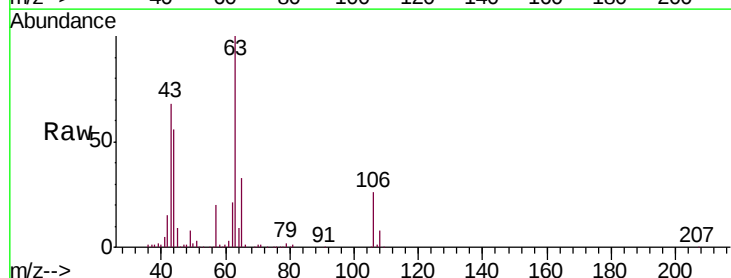
Instrument :
 MSVOA_W
 ClientSampled :

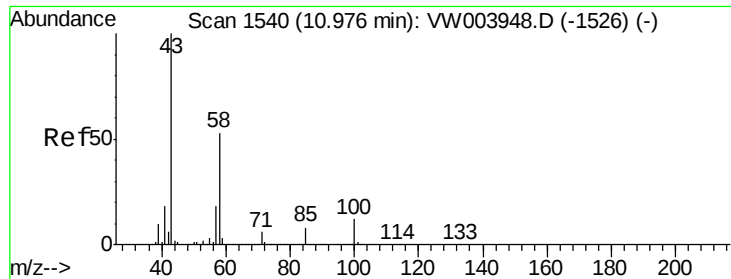
Tot Ion: 76 Resp: 80131
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 113.737 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion: 63 Resp: 138495
 Ion Ratio Lower Upper
 63 100
 106 26.3 21.2 31.8

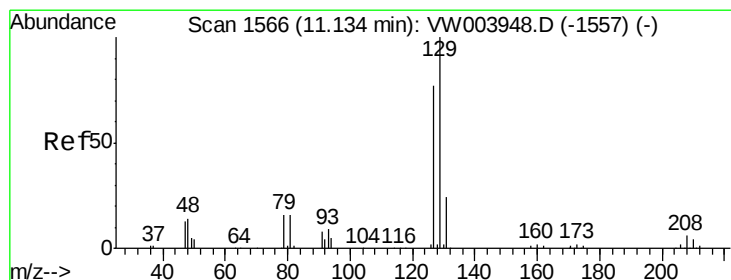
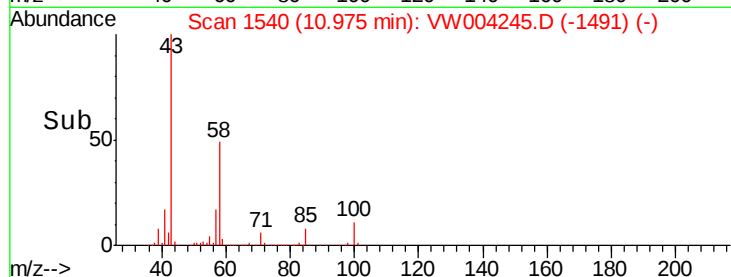
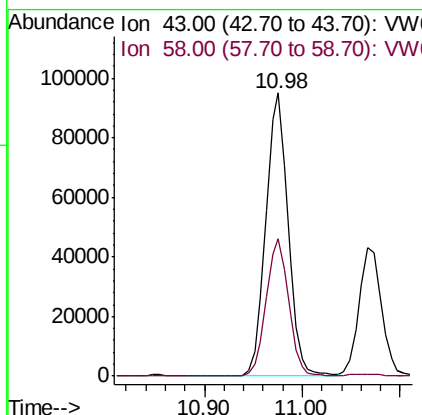
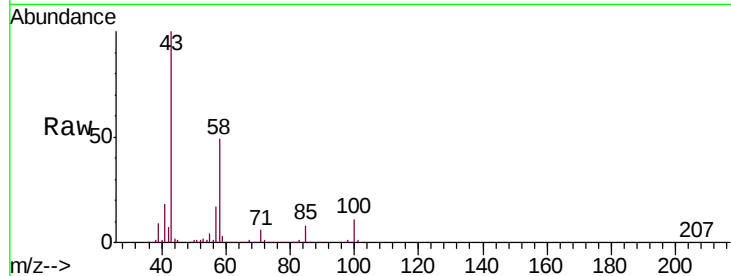




#59
2-Hexanone
Concen: 111.777 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

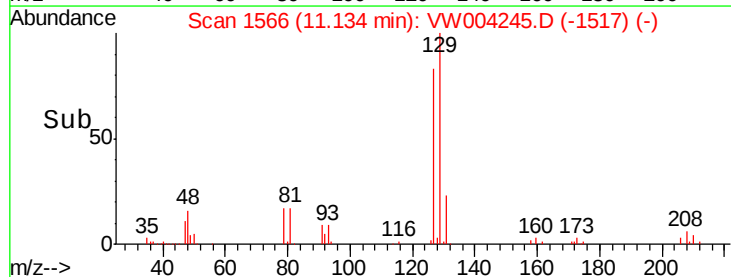
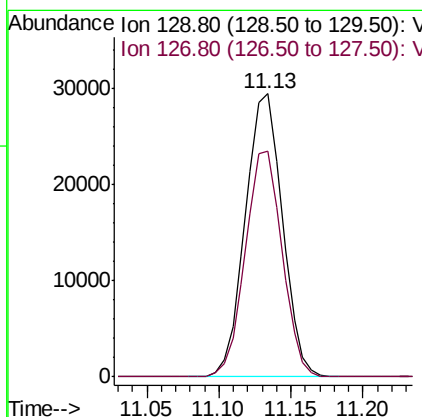
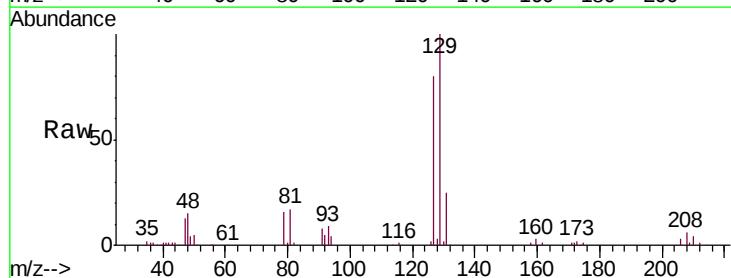
Instrument :
MSVOA_W
ClientSampleId :

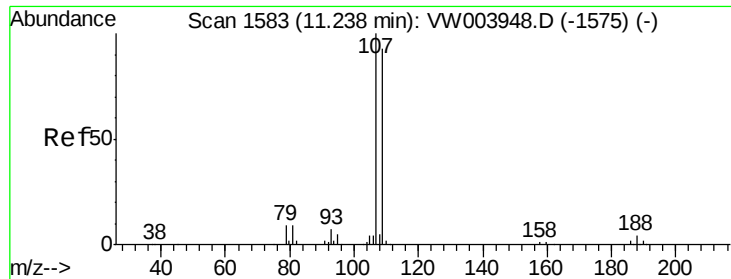
Tot Ion: 43 Resp: 150396
Ion Ratio Lower Upper
43 100
58 49.0 26.0 78.0



#60
Dibromochloromethane
Concen: 22.035 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion: 129 Resp: 52672
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.3

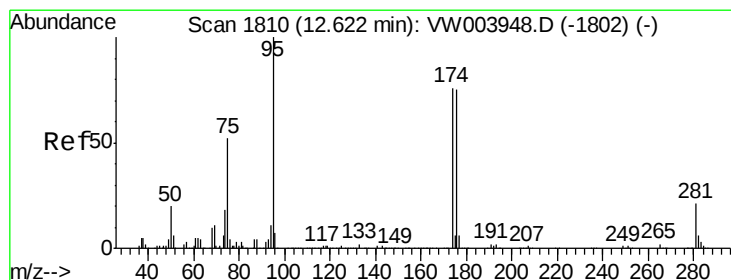
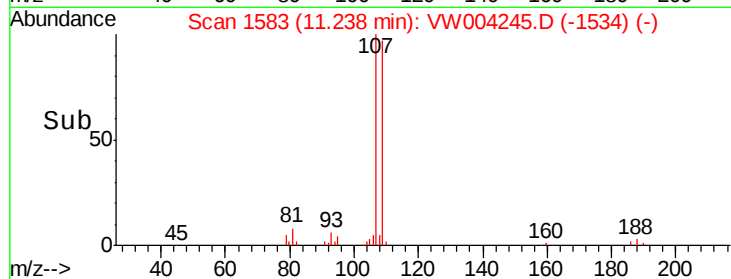
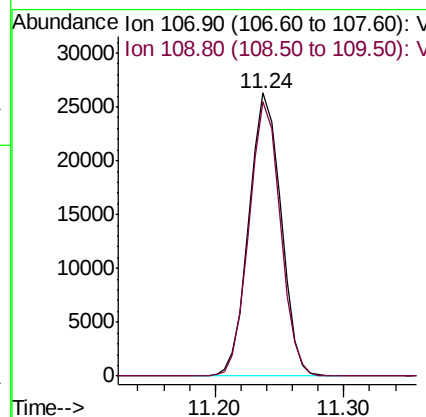
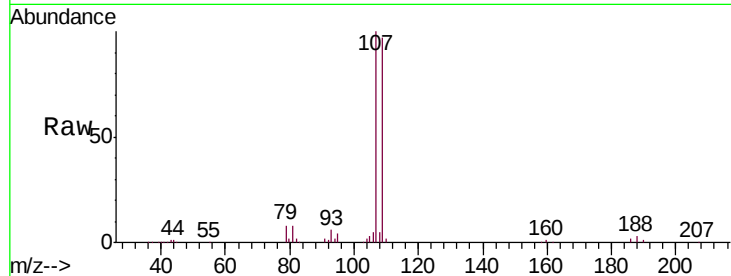




#61
 1,2-Dibromoethane
 Concen: 23.100 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

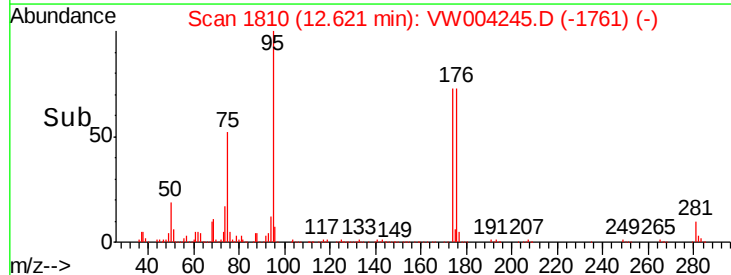
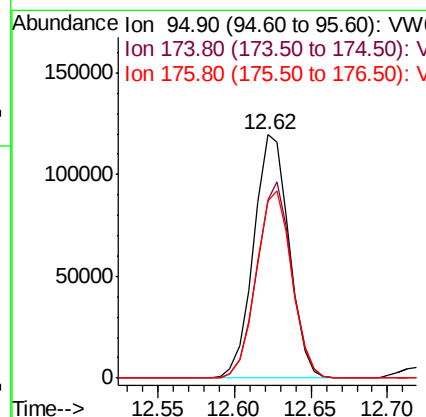
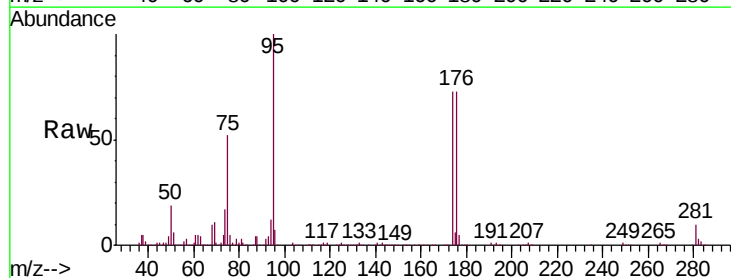
Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 107 Resp: 45117
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 55.457 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion: 95 Resp: 192209
 Ion Ratio Lower Upper
 95 100
 174 79.4 0.0 160.2
 176 77.5 0.0 155.8

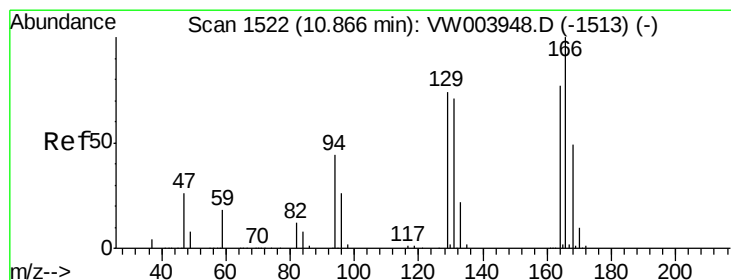
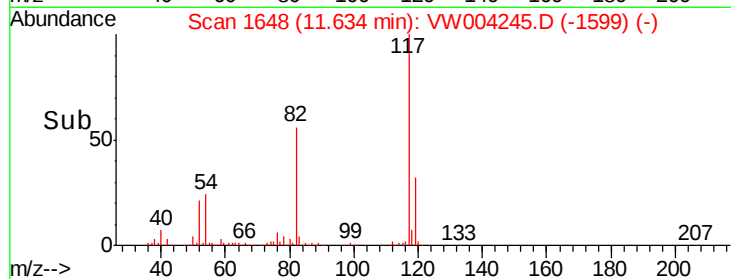
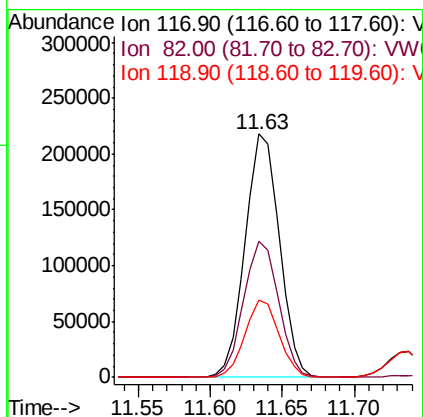
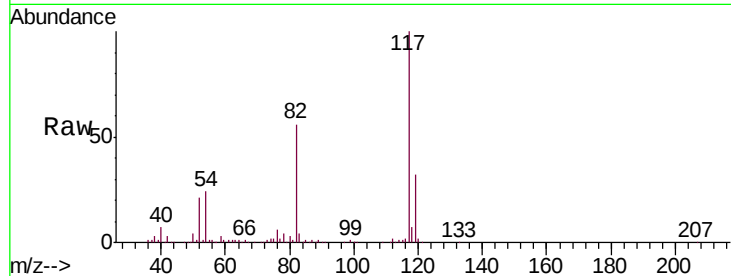




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

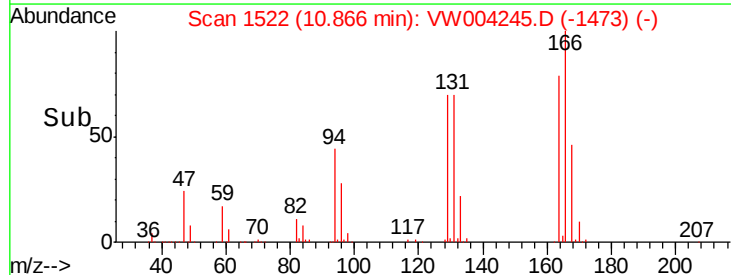
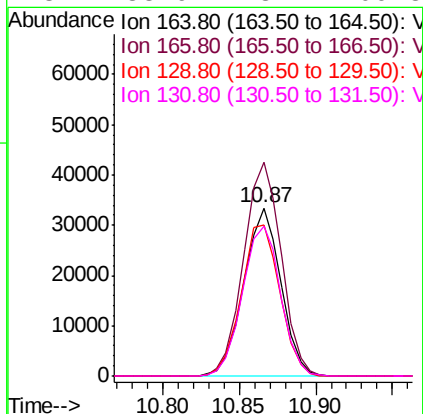
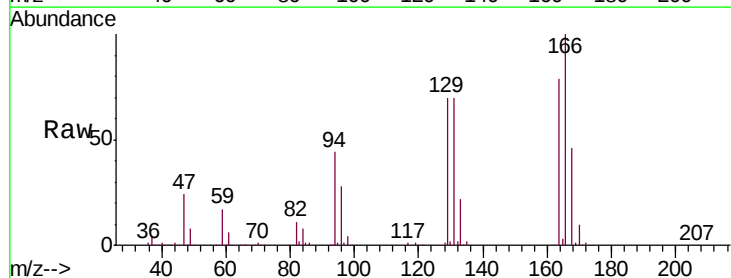
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 360242
Ion Ratio Lower Upper
117 100
82 56.0 46.5 69.7
119 31.5 26.2 39.2



#64
Tetrachloroethene
Concen: 22.686 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion:164 Resp: 56076
Ion Ratio Lower Upper
164 100
166 127.0 103.5 155.3
129 89.5 76.8 115.2
131 88.9 73.2 109.8

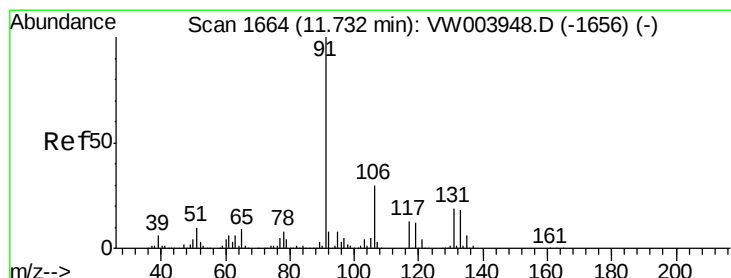
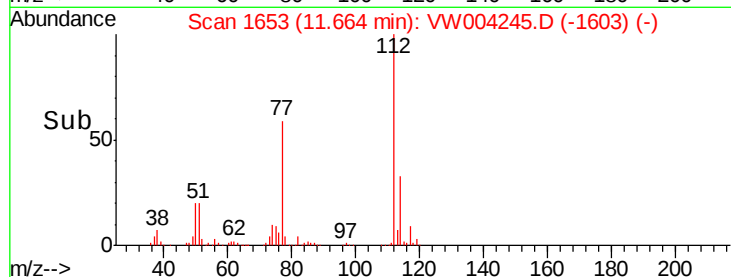
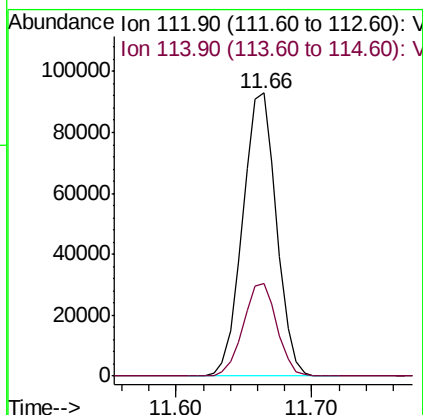
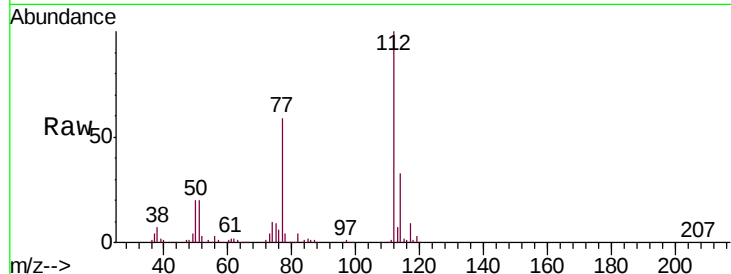




#65
Chlorobenzene
Concen: 21.086 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

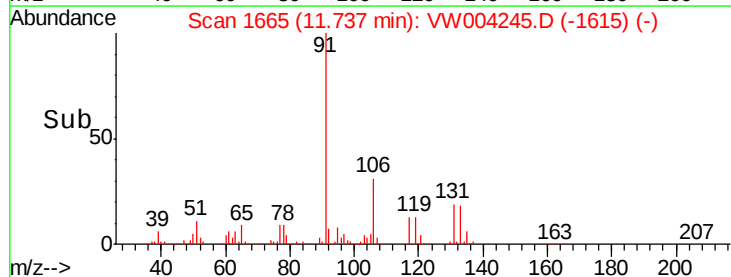
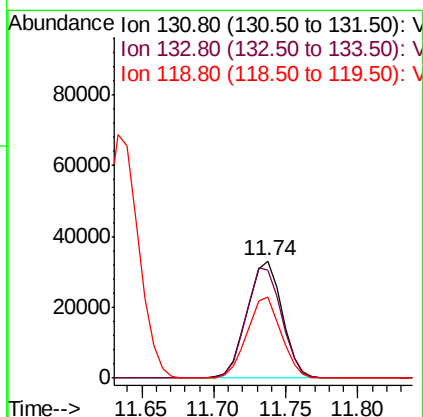
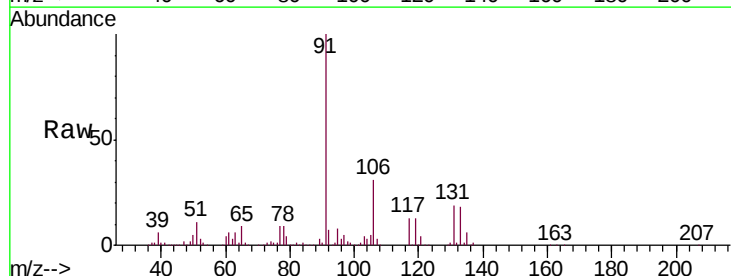
Instrument :
MSVOA_W
ClientSampleId :

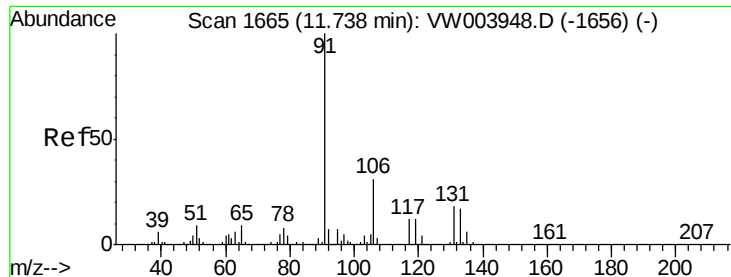
Tot Ion:112 Resp: 161522
Ion Ratio Lower Upper
112 100
114 32.8 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.960 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion:131 Resp: 55793
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.8
119 67.6 32.5 97.5

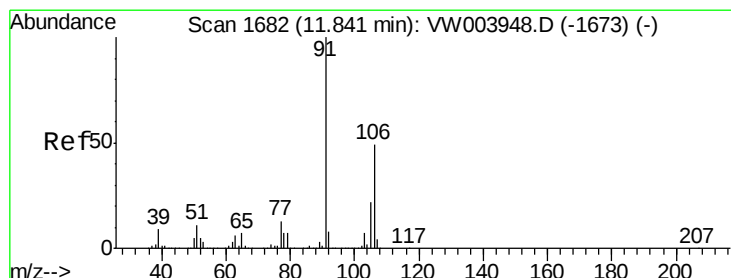
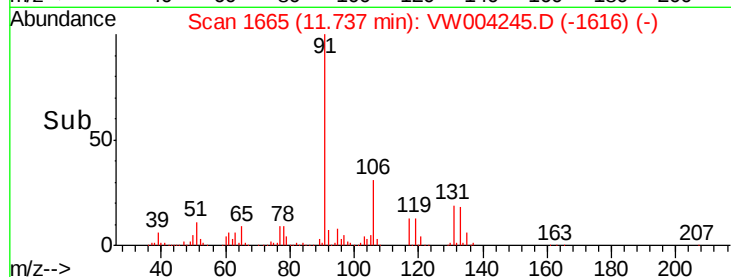
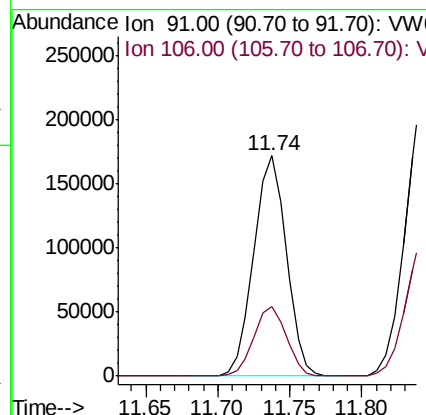
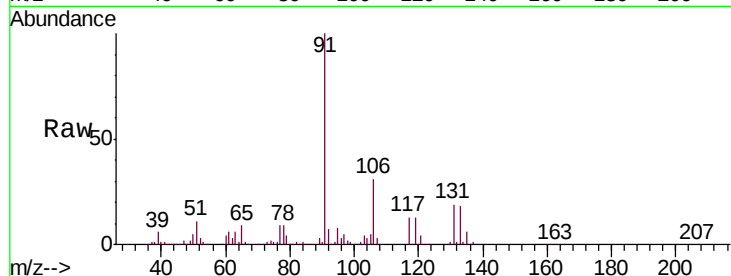




#67
Ethyl Benzene
Concen: 20.080 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

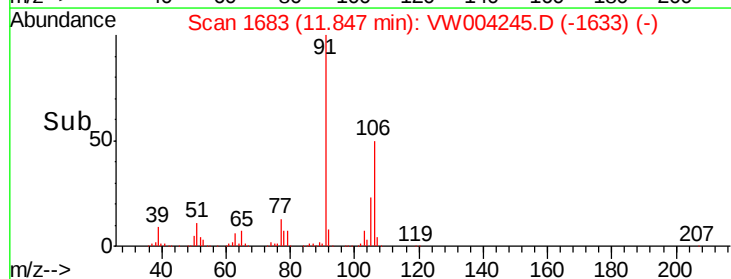
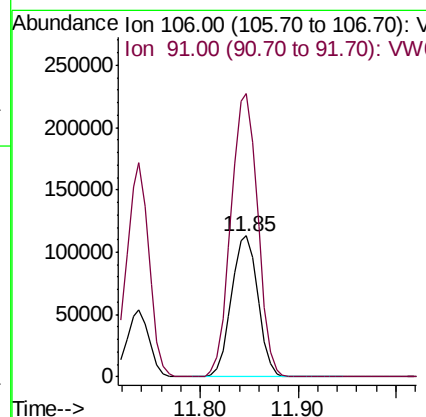
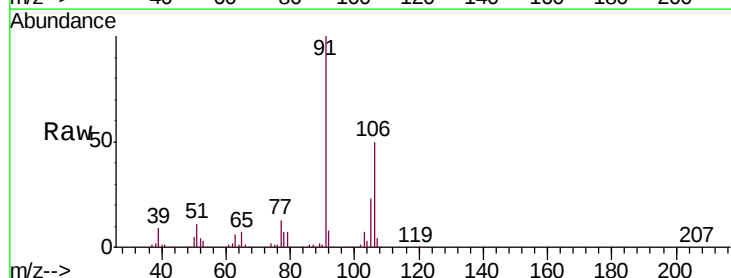
Instrument :
MSVOA_W
ClientSampled :

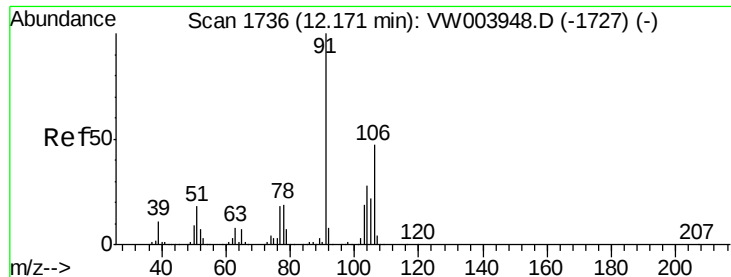
Tot Ion: 91 Resp: 270207
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4



#68
m/p-Xylenes
Concen: 41.489 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion: 106 Resp: 213382
Ion Ratio Lower Upper
106 100
91 202.3 164.2 246.2

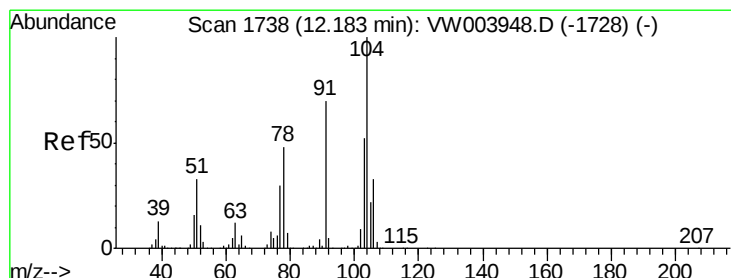
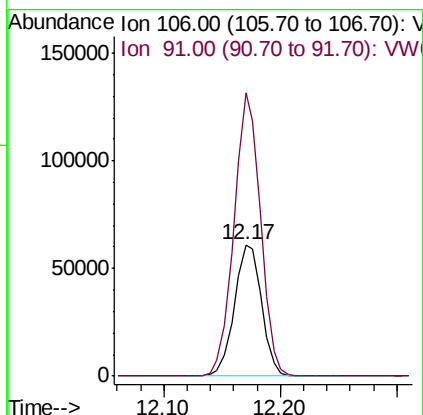
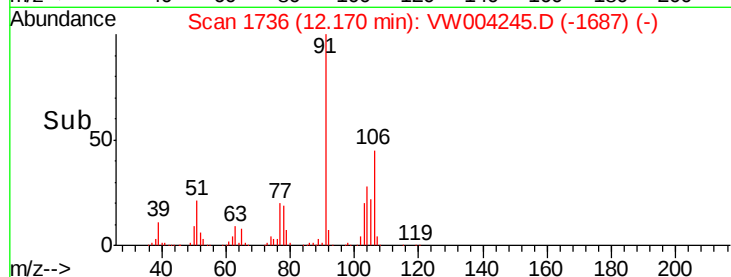
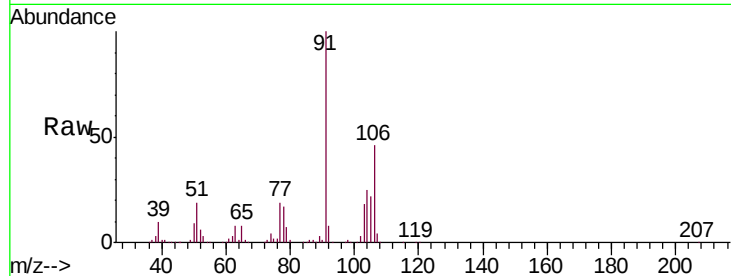




#69
o-Xylene
Concen: 20.695 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

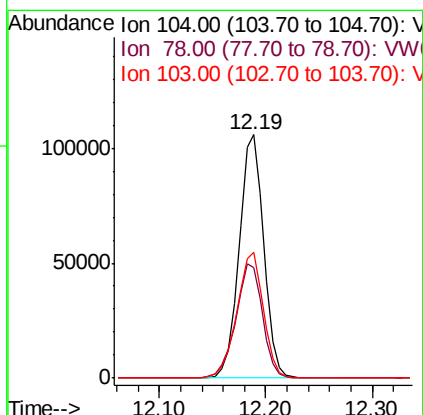
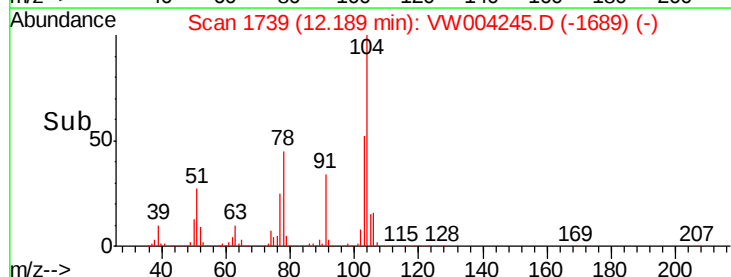
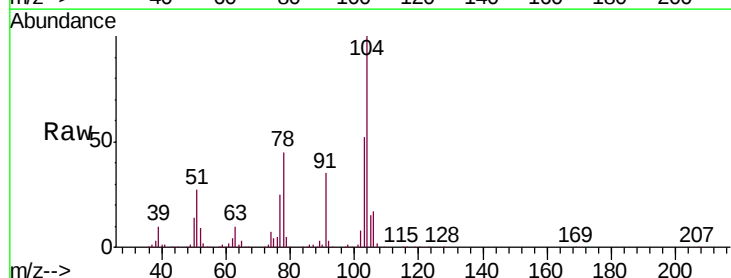
Instrument :
MSVOA_W
ClientSampled :

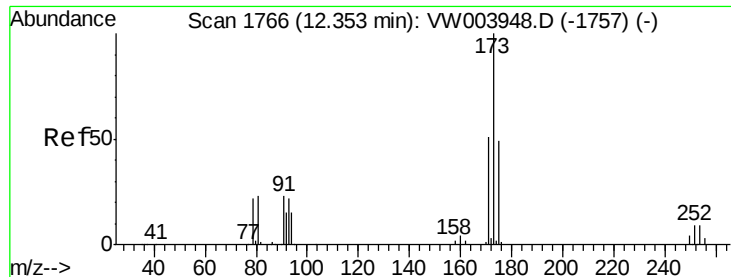
Tot Ion:106 Resp: 98731
Ion Ratio Lower Upper
106 100
91 211.7 107.5 322.6



#70
Styrene
Concen: 21.547 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion:104 Resp: 171699
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.4
103 55.5 44.6 67.0





#71

Bromoform

Concen: 22.036 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampled :

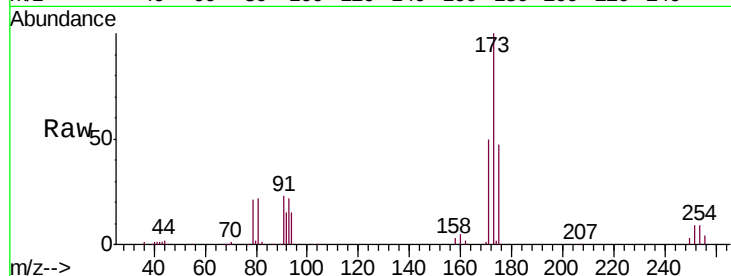
Tot Ion:173 Resp: 33118

Ion Ratio Lower Upper

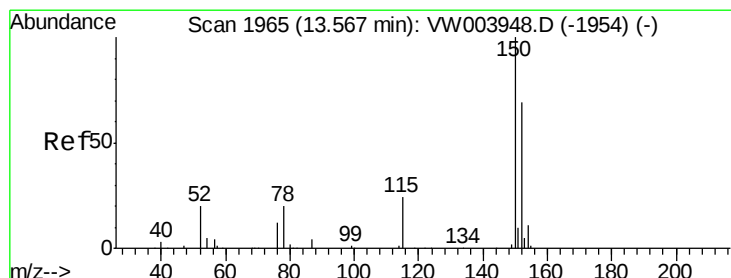
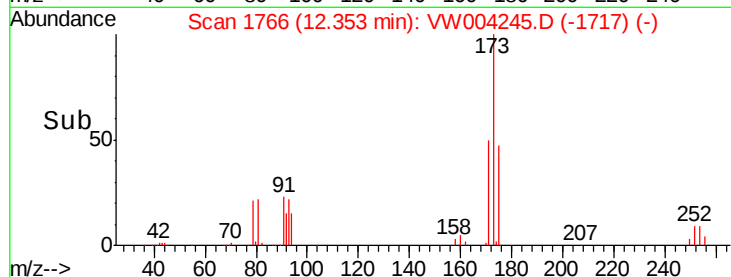
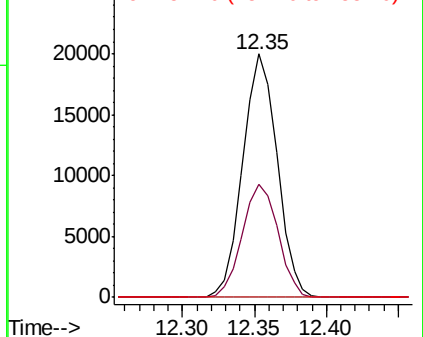
173 100

175 48.0 24.4 73.2

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

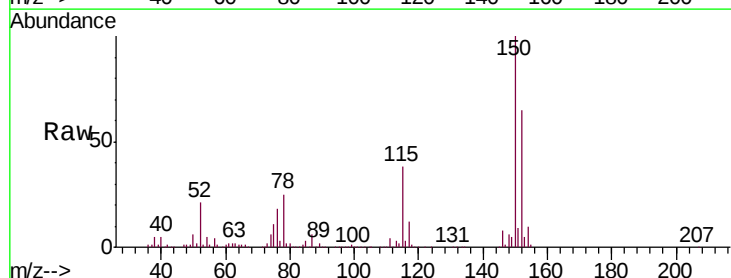
Tgt Ion:152 Resp: 194169

Ion Ratio Lower Upper

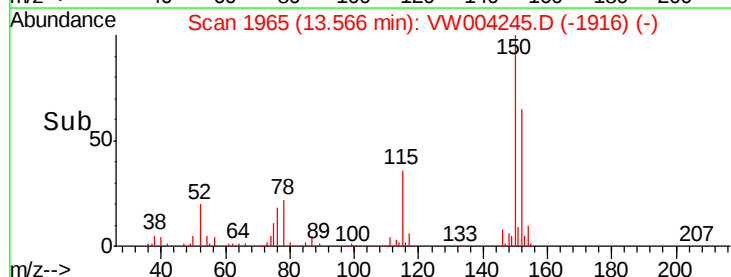
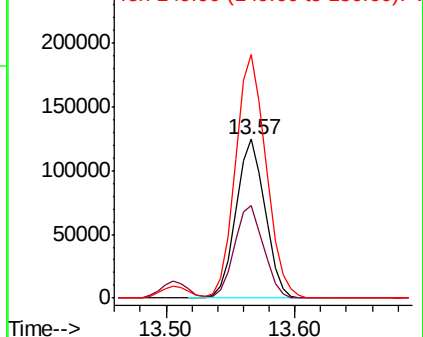
152 100

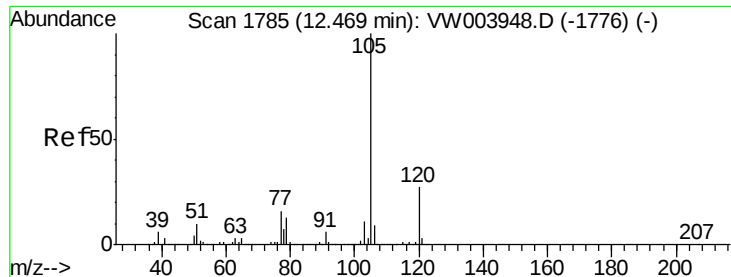
115 59.0 29.2 87.6

150 162.2 0.0 345.2



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





#73

Isopropylbenzene

Concen: 19.284 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

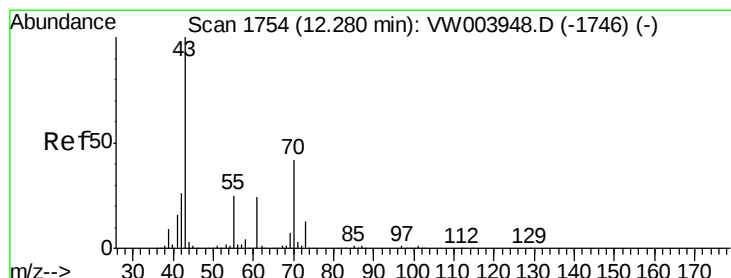
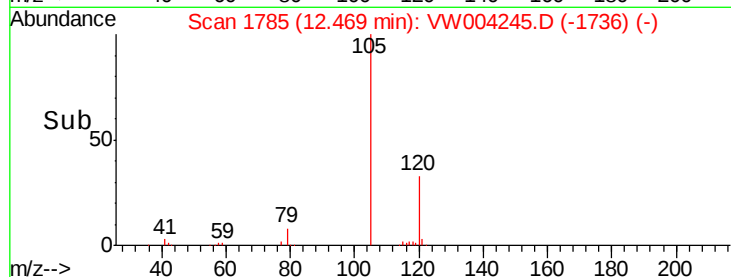
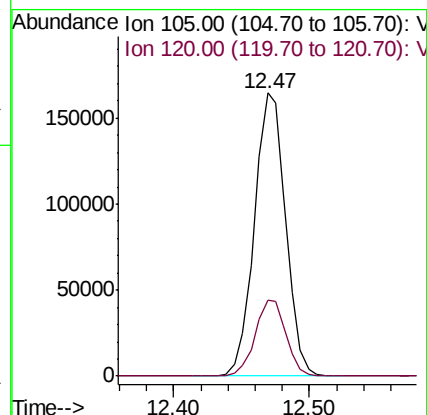
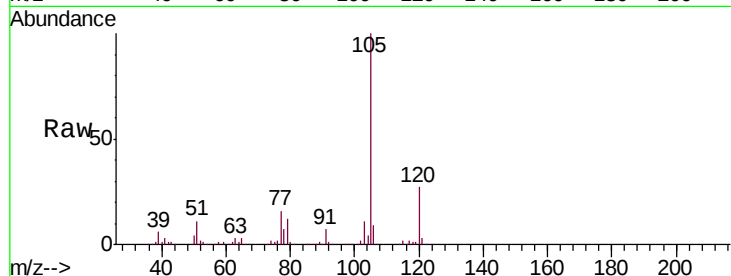
ClientSampleId :

Tot Ion:105 Resp: 264581

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 21.775 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Tgt Ion: 43 Resp: 77845

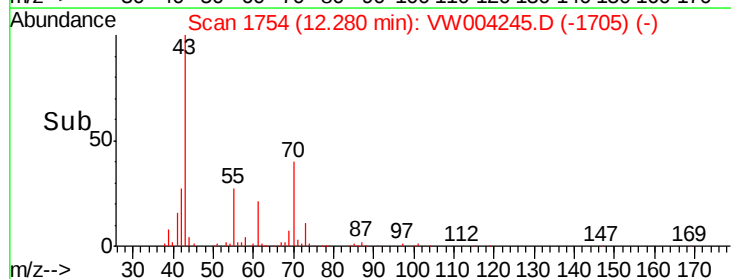
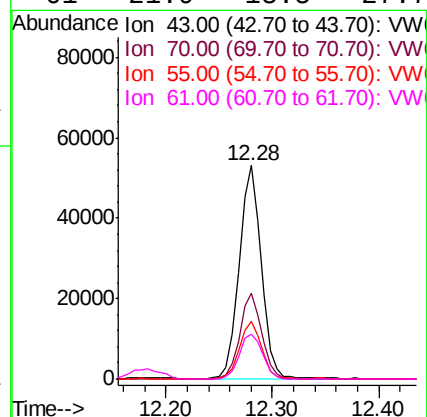
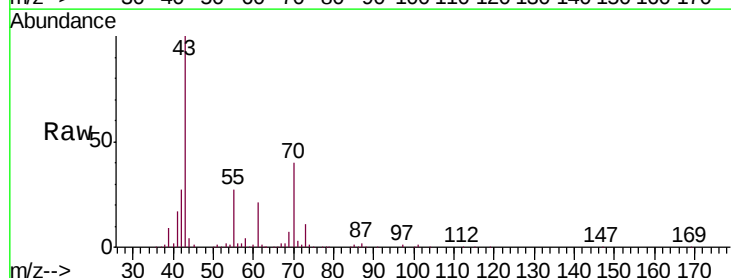
Ion Ratio Lower Upper

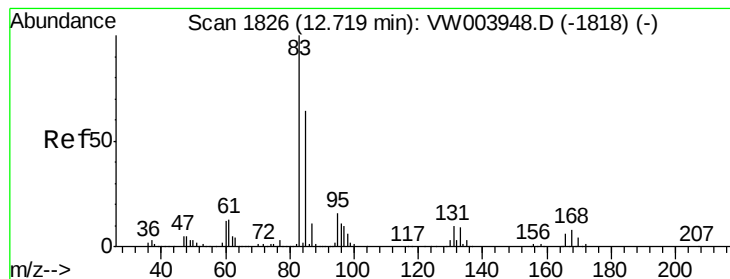
43 100

70 39.7 31.6 47.4

55 26.9 20.0 30.0

61 21.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.972 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

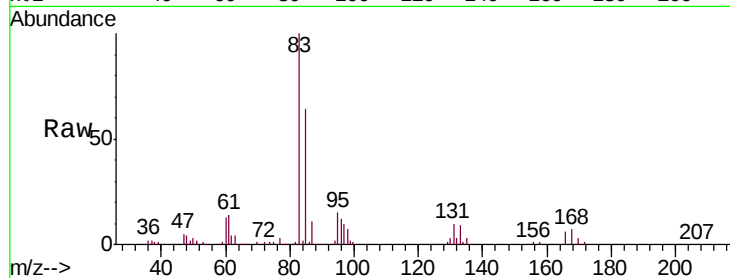
Tot Ion: 83 Resp: 58302

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

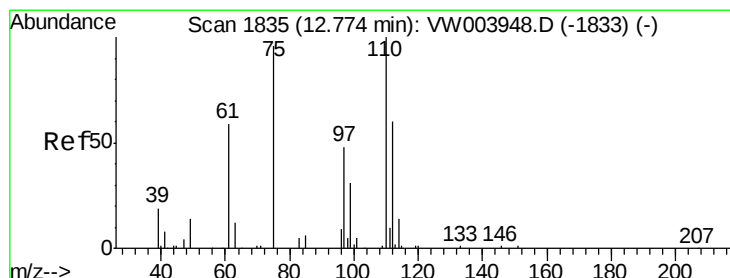
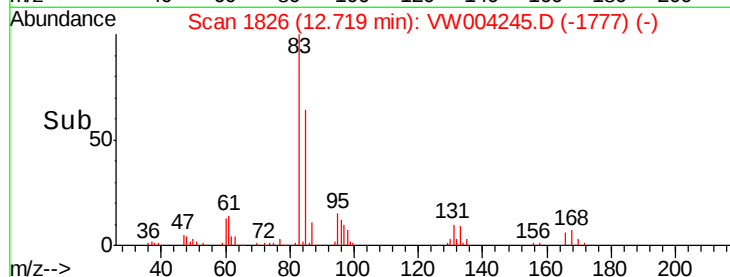
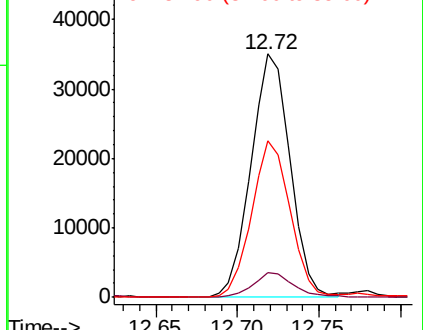
85 63.5 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 38.583 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004245.D

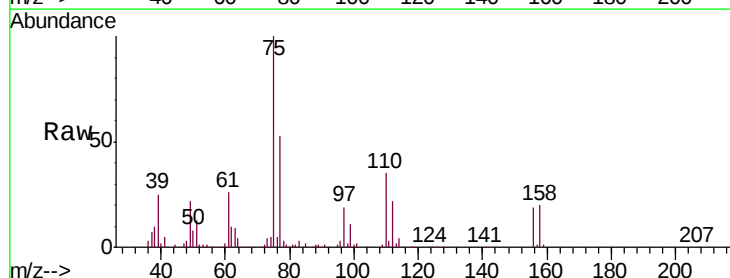
Acq: 27 Jul 2018 01:55

Tgt Ion: 75 Resp: 74374

Ion Ratio Lower Upper

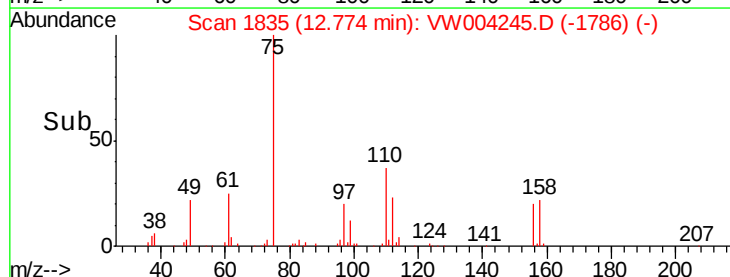
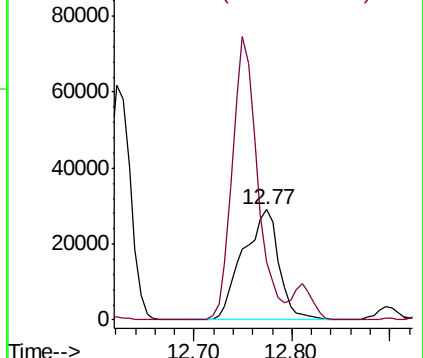
75 100

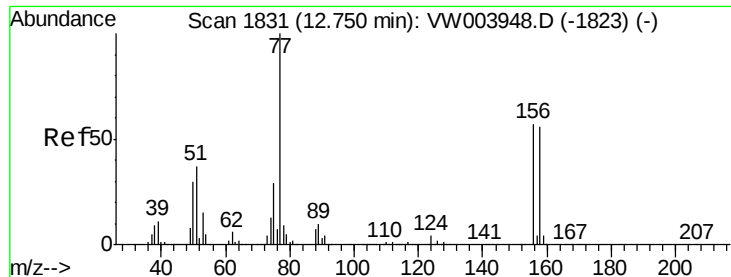
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.647 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

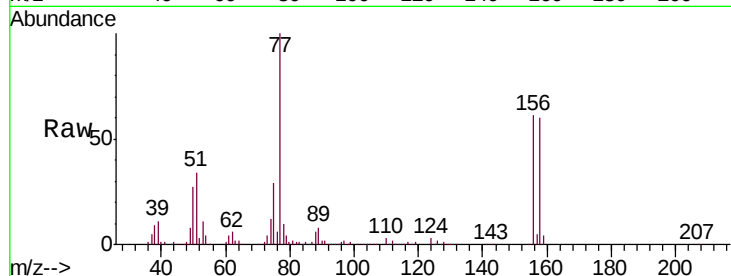
Tot Ion:156 Resp: 67786

Ion Ratio Lower Upper

156 100

77 198.0 96.2 288.6

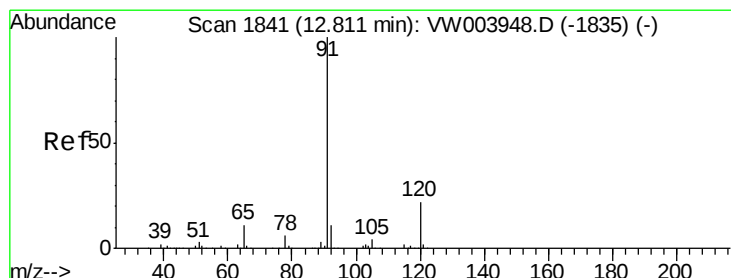
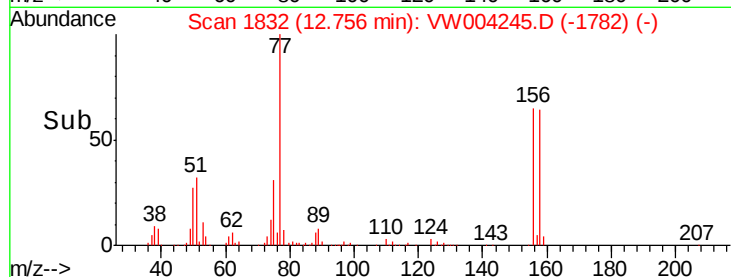
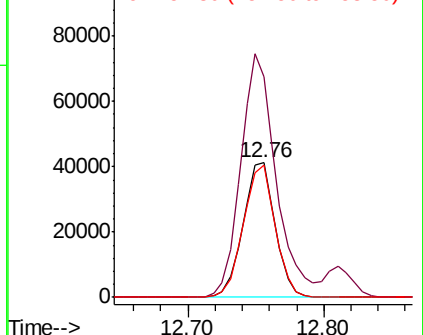
158 97.3 48.5 145.5



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: 20.144 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004245.D

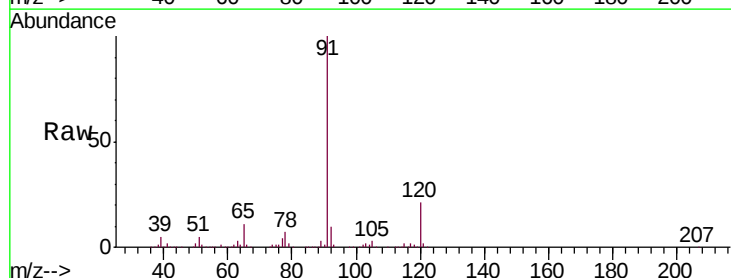
Acq: 27 Jul 2018 01:55

Tgt Ion: 91 Resp: 339083

Ion Ratio Lower Upper

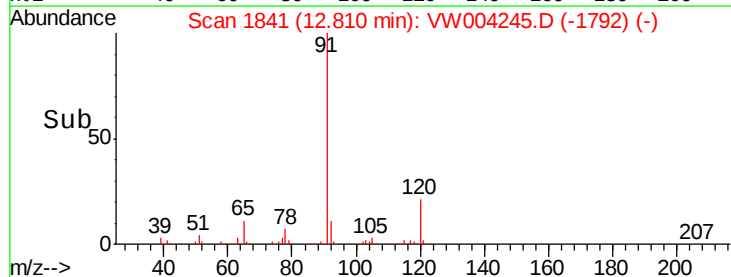
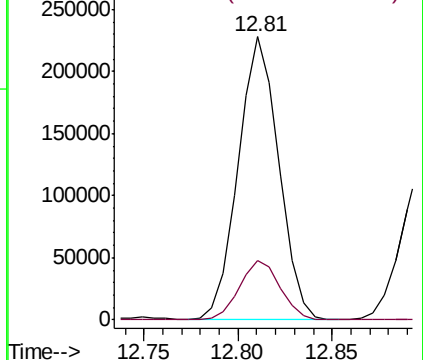
91 100

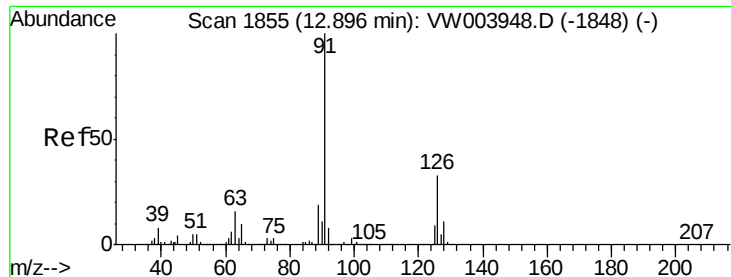
120 21.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.438 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

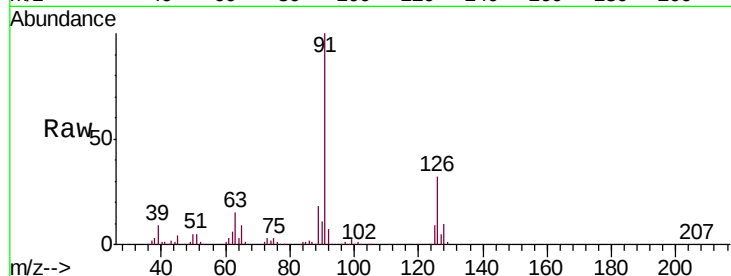
ClientSampled :

Tot Ion: 91 Resp: 194034

Ion Ratio Lower Upper

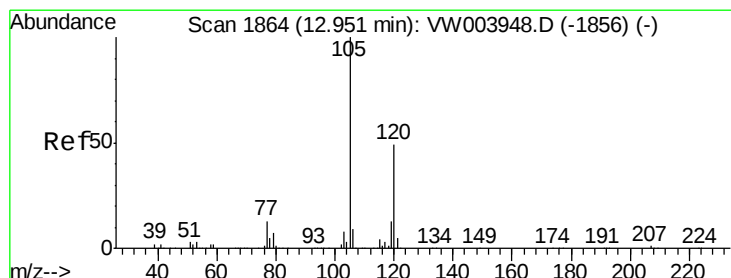
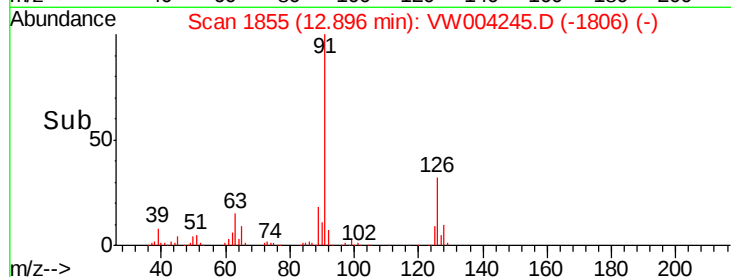
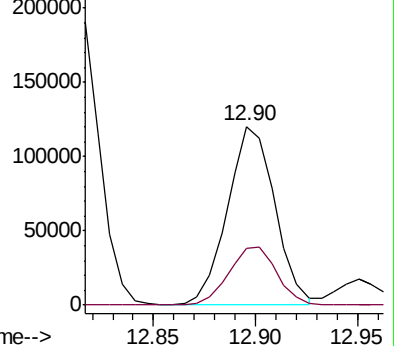
91 100

126 33.5 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: 19.933 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004245.D

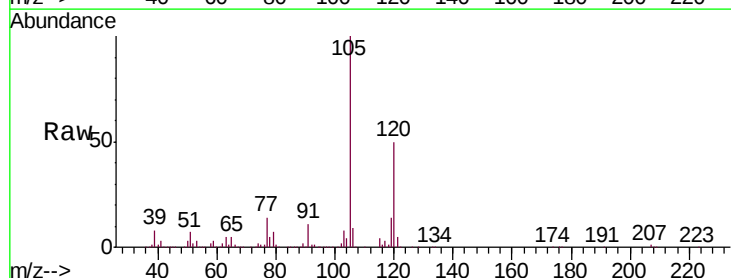
Acq: 27 Jul 2018 01:55

Tgt Ion:105 Resp: 230151

Ion Ratio Lower Upper

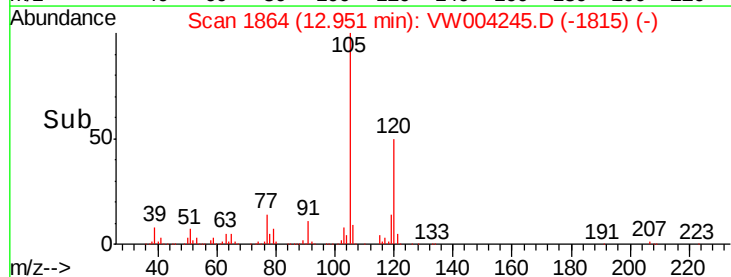
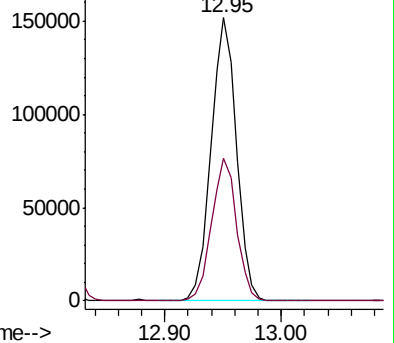
105 100

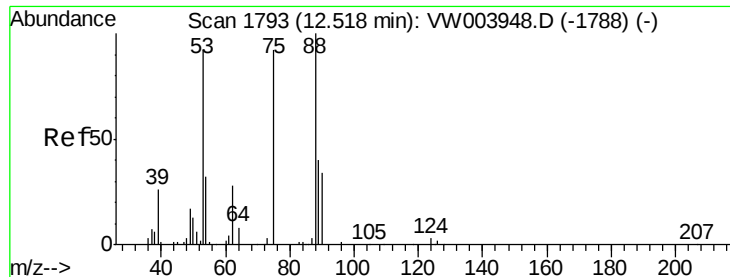
120 49.5 24.4 73.2



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: 18.958 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampled :

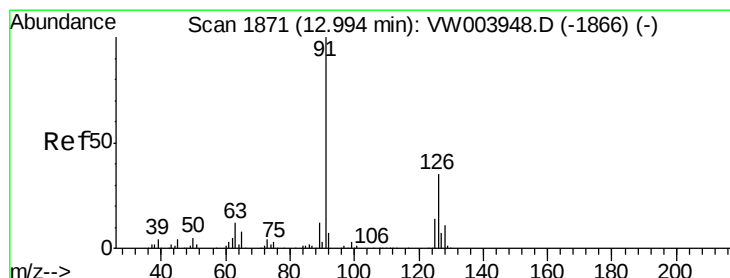
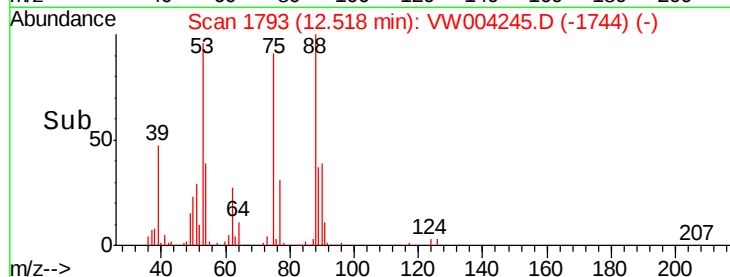
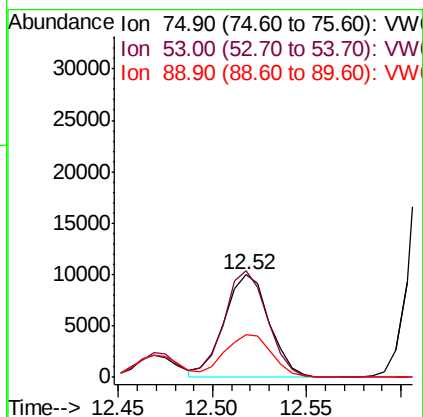
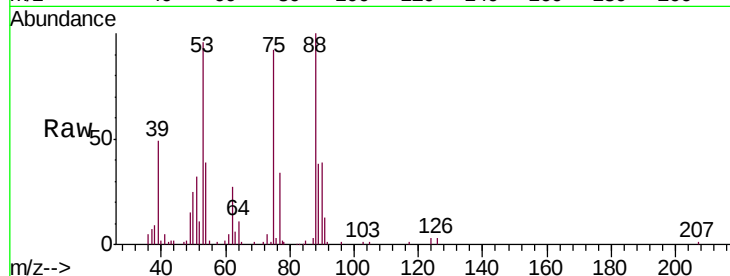
Tot Ion: 75 Resp: 16521

Ion Ratio Lower Upper

75 100

53 101.1 77.6 116.4

89 43.2 36.6 54.8



#82

4-Chlorotoluene

Concen: 20.868 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004245.D

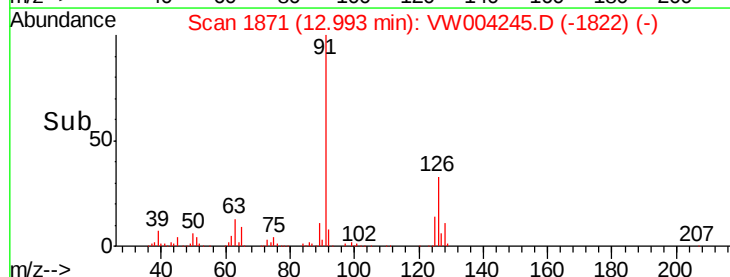
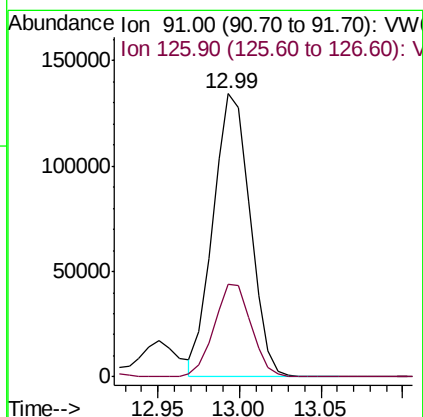
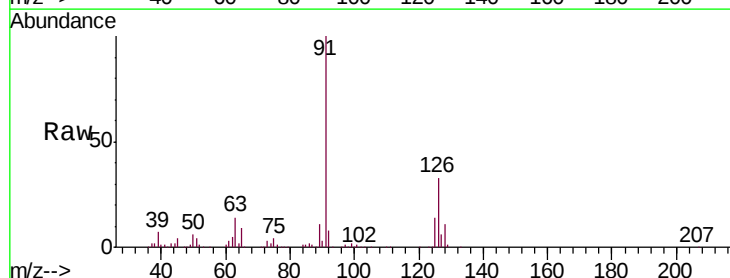
Acq: 27 Jul 2018 01:55

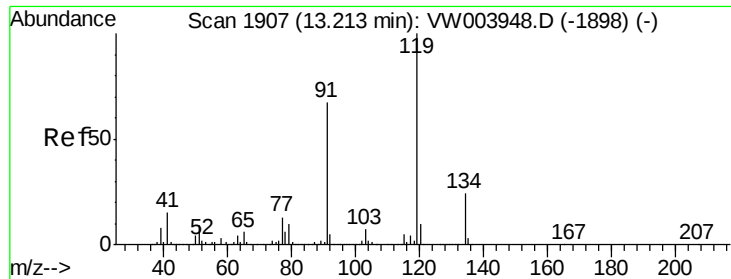
Tgt Ion: 91 Resp: 212609

Ion Ratio Lower Upper

91 100

126 32.8 16.7 50.0

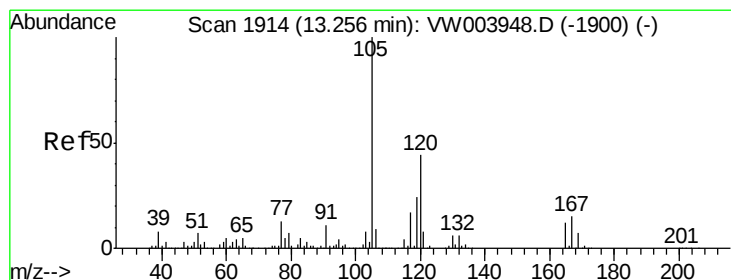
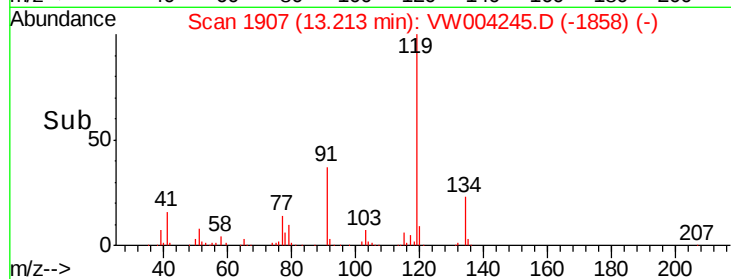
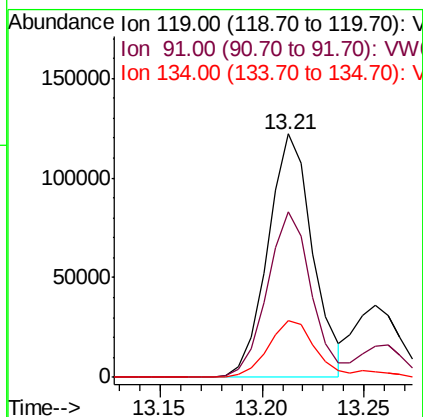
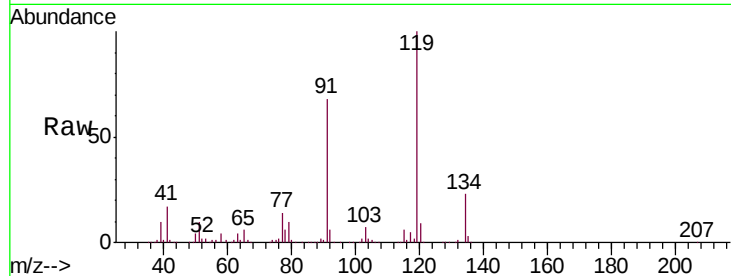




#83
tert-Butylbenzene
Concen: 19.304 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

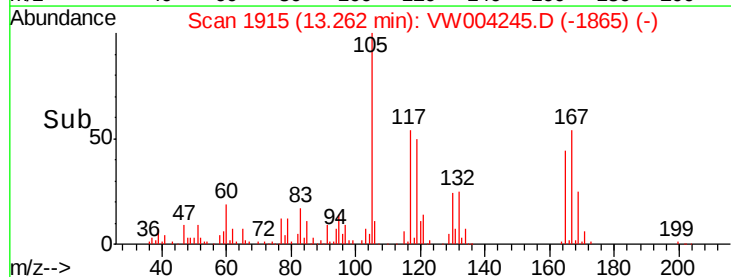
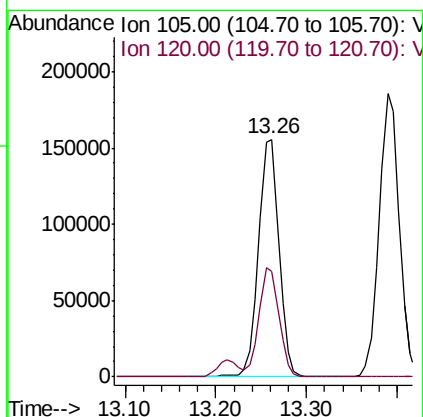
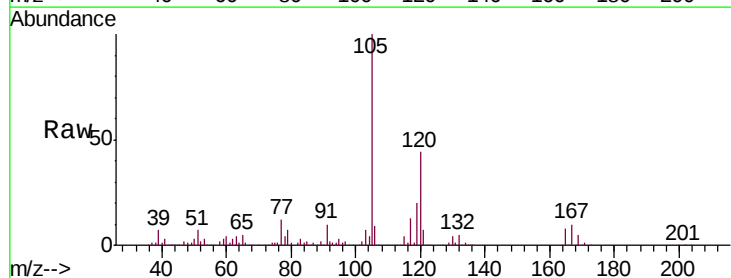
Instrument :
MSVOA_W
ClientSampleId :

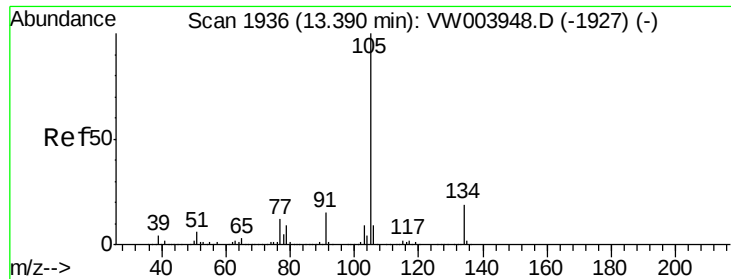
Tot Ion:119 Resp: 187129
Ion Ratio Lower Upper
119 100
91 68.0 33.2 99.6
134 26.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.580 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.01 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion:105 Resp: 244475
Ion Ratio Lower Upper
105 100
120 45.0 22.1 66.1

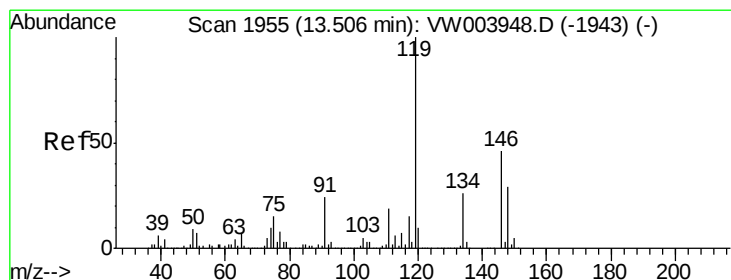
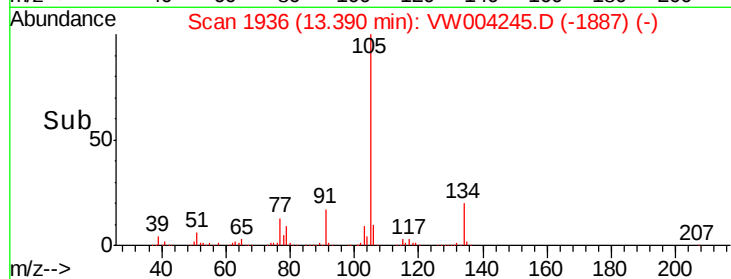
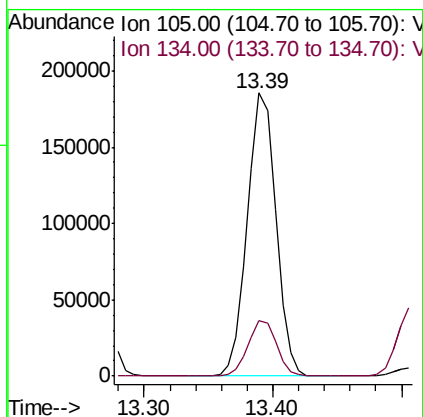
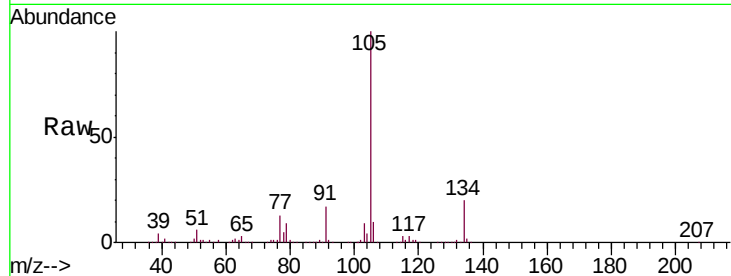




#85
 sec-Butylbenzene
 Concen: 19.720 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

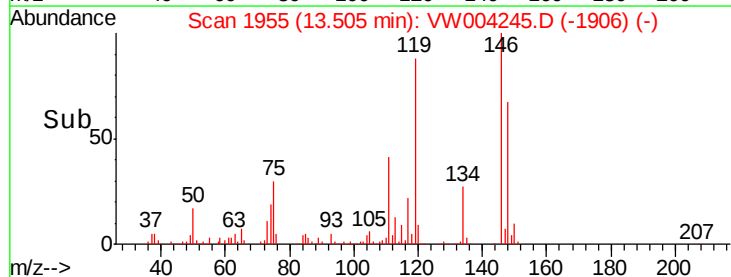
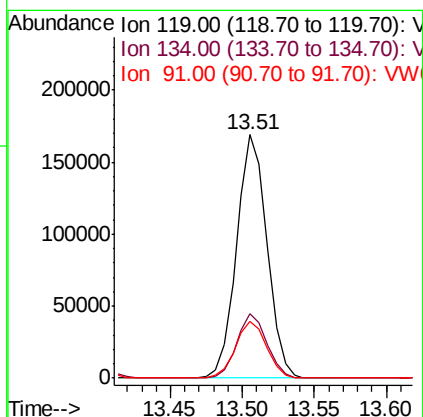
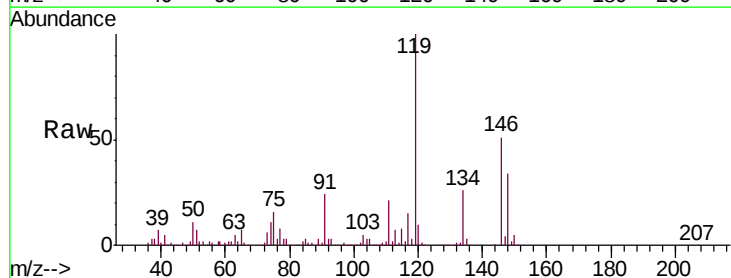
Instrument :
 MSVOA_W
 ClientSampleId :

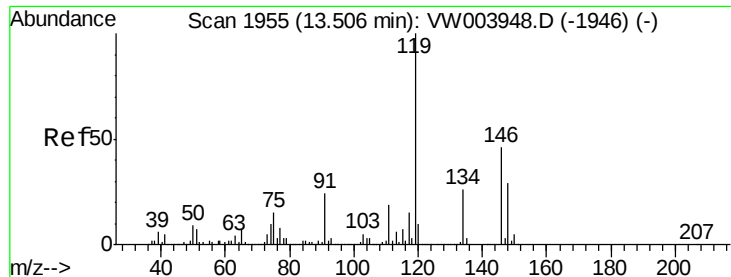
Tot Ion:105 Resp: 283644
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.621 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion:119 Resp: 247548
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 23.7 11.8 35.3

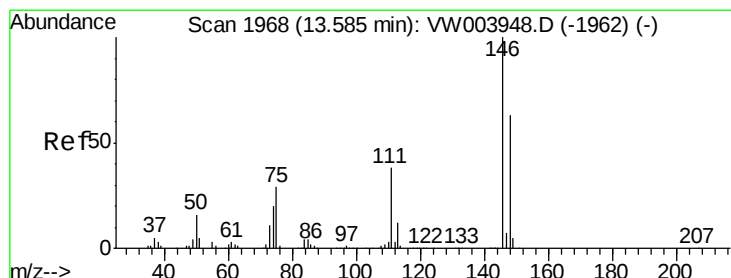
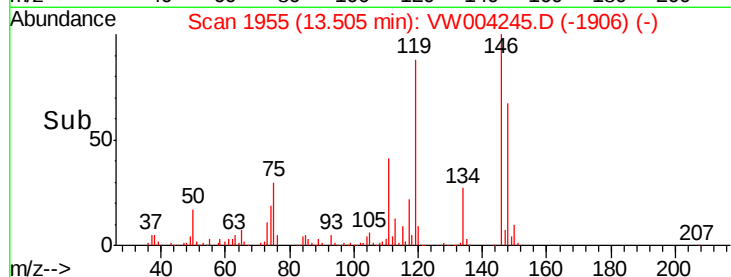
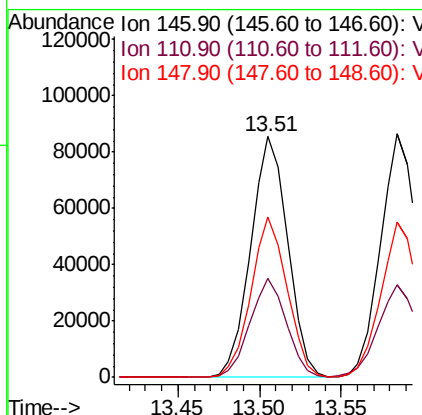
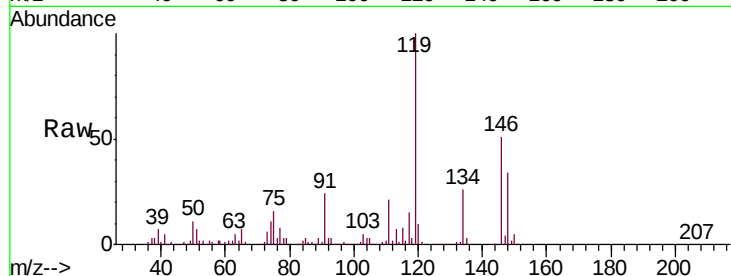




#87
 1,3-Dichlorobenzene
 Concen: 20.650 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

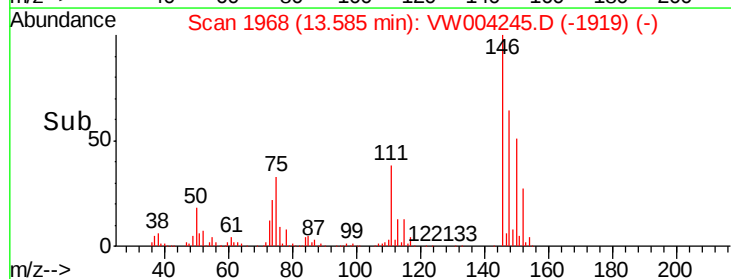
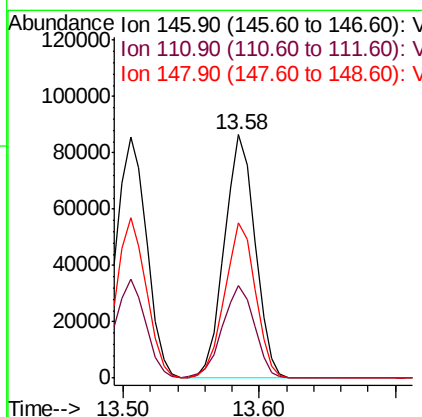
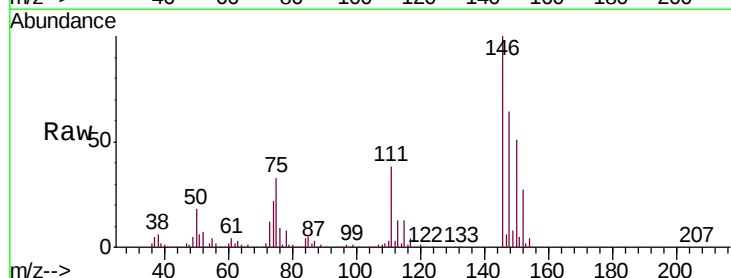
Instrument :
 MSVOA_W
 ClientSampled :

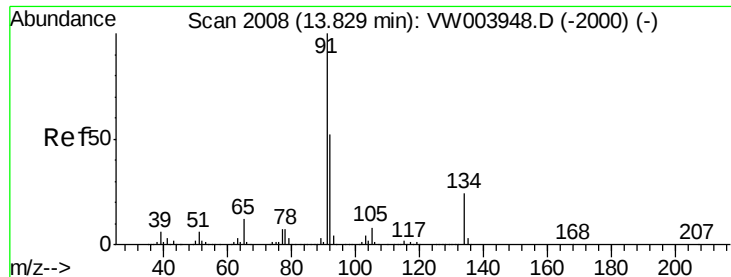
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.9	59.6
148	65.0	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.669 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004245.D
 Acq: 27 Jul 2018 01:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.6	58.7
148	63.9	32.3	96.8





#89

n-Butylbenzene

Concen: 18.664 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

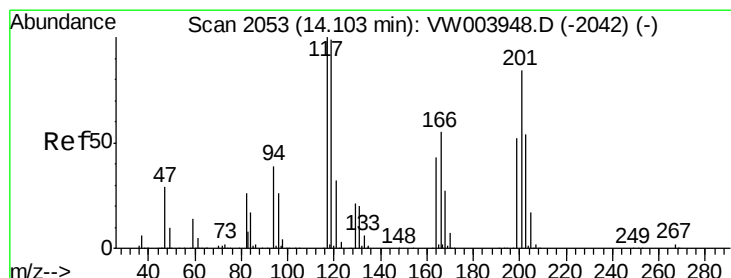
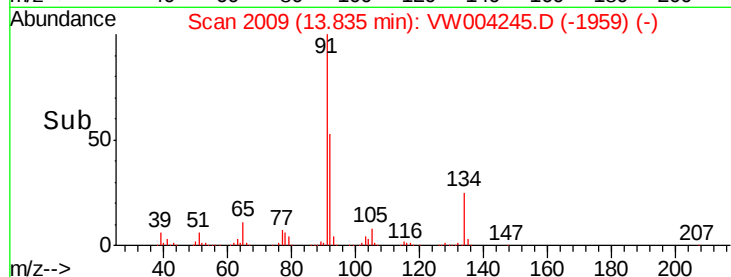
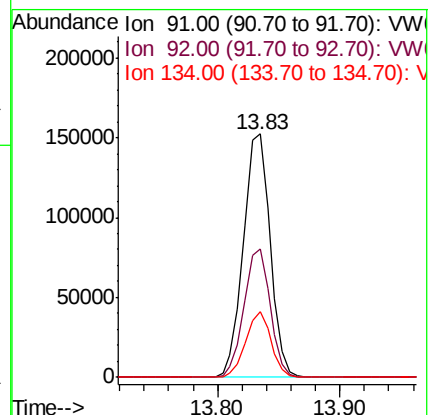
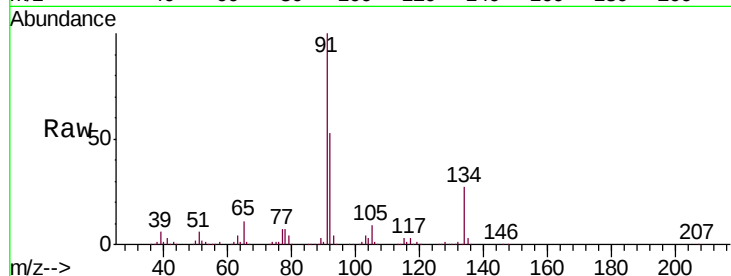
Tot Ion: 91 Resp: 231483

Ion Ratio Lower Upper

91 100

92 51.7 26.1 78.3

134 25.4 12.4 37.4



#90

Hexachloroethane

Concen: 19.922 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW004245.D

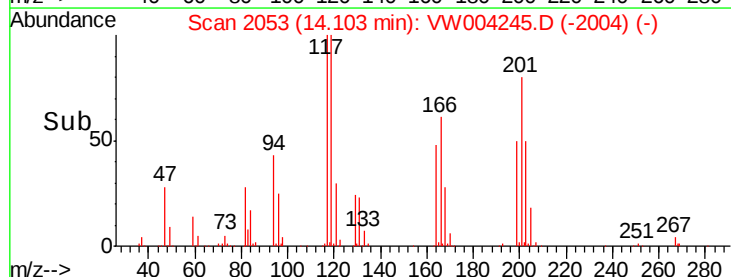
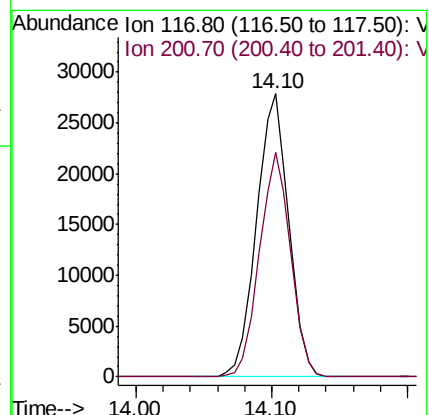
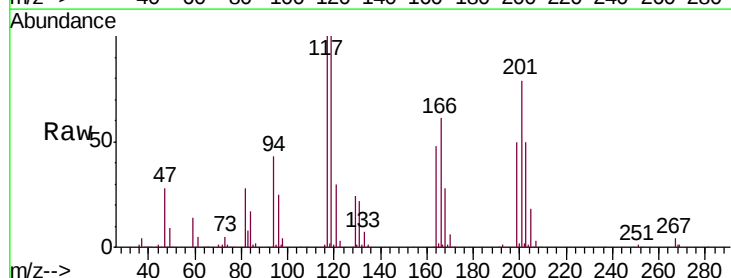
Acq: 27 Jul 2018 01:55

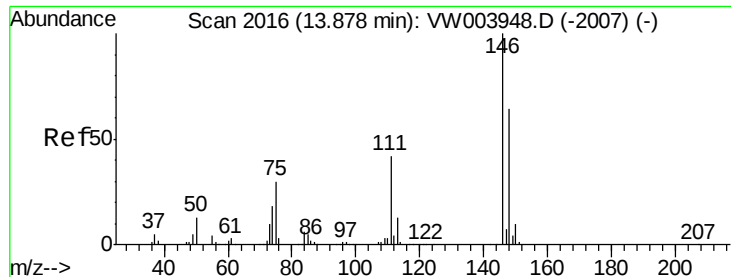
Tgt Ion: 117 Resp: 46331

Ion Ratio Lower Upper

117 100

201 76.7 40.3 120.9





#91

1,2-Dichlorobenzene

Concen: 20.834 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampled :

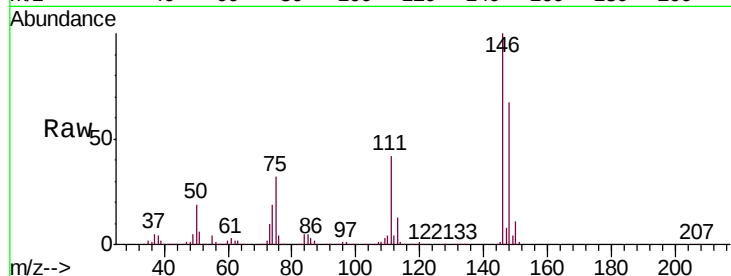
Tot Ion:146 Resp: 121716

Ion Ratio Lower Upper

146 100

111 41.4 20.7 62.1

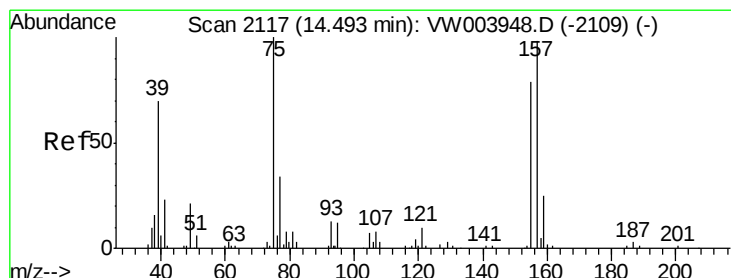
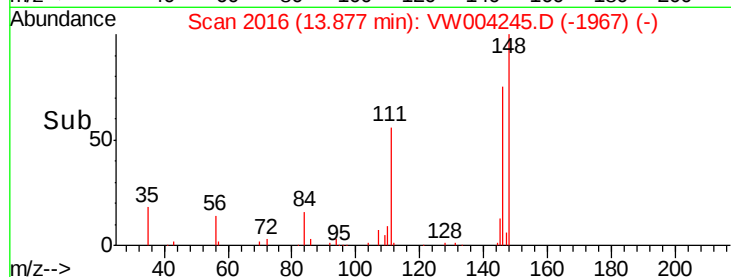
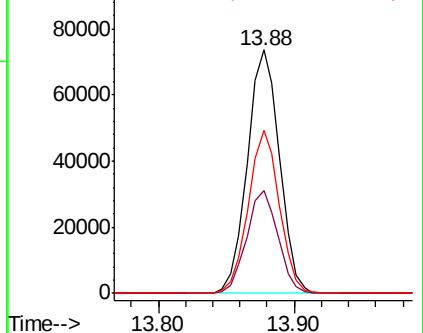
148 65.0 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.954 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

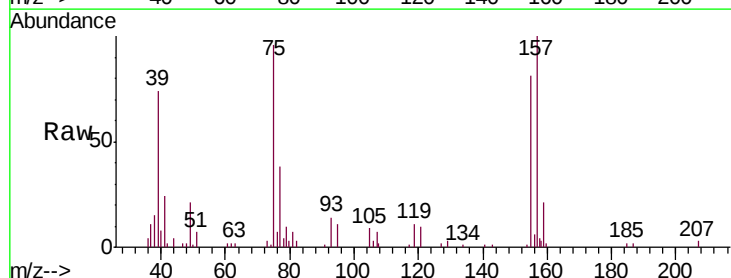
Tgt Ion: 75 Resp: 9887

Ion Ratio Lower Upper

75 100

155 79.4 39.4 118.1

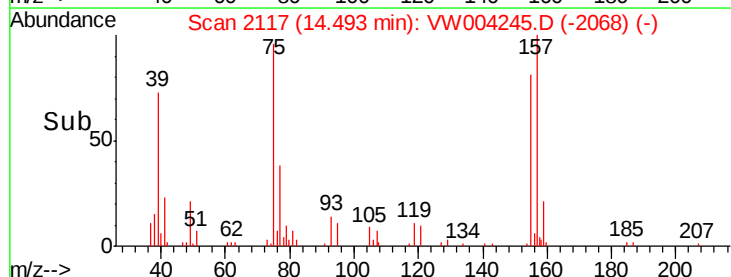
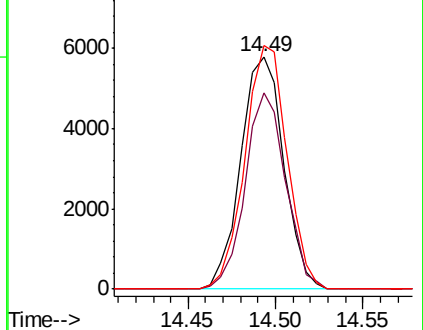
157 102.4 51.8 155.4

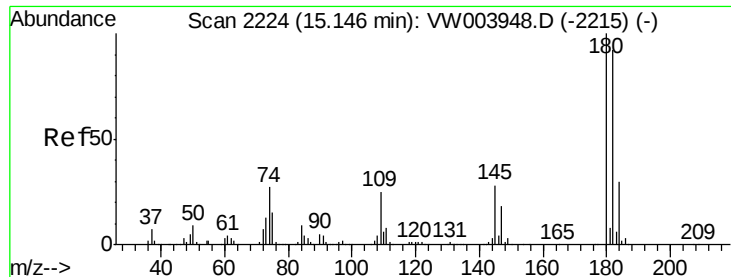


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

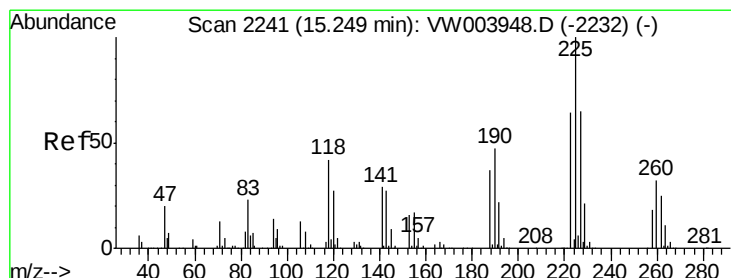
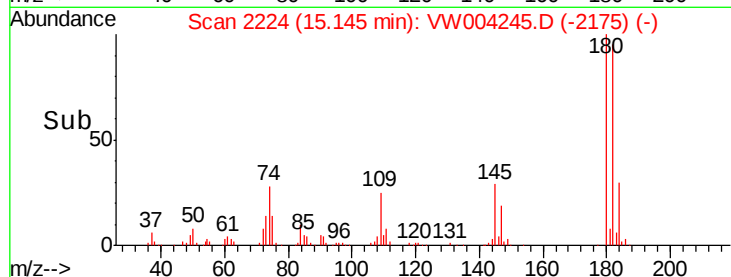
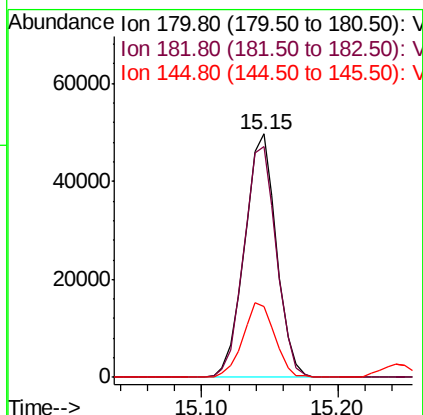
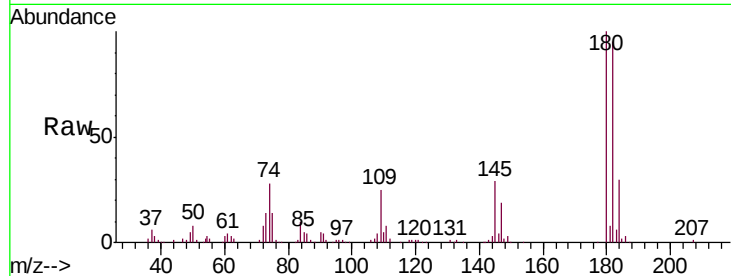




#93
1,2,4-Trichlorobenzene
Concen: 19.814 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

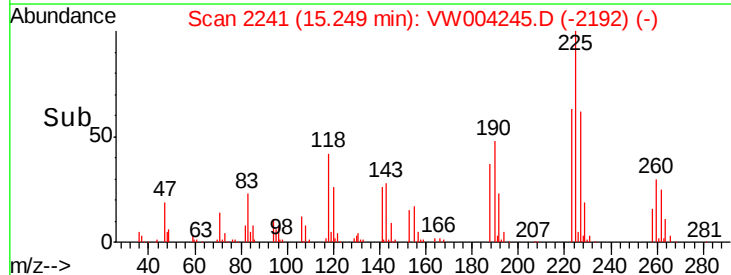
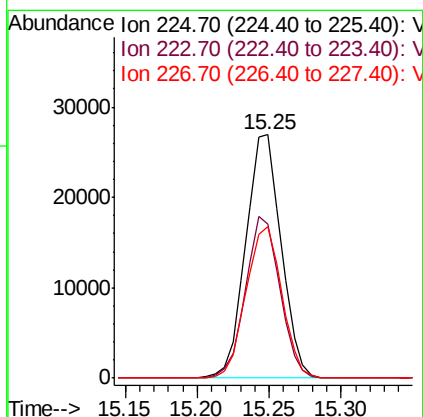
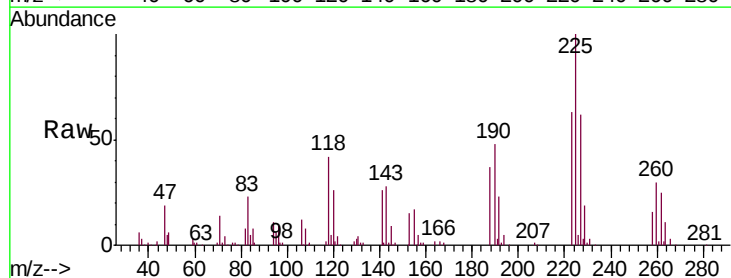
Instrument :
MSVOA_W
ClientSampleId :

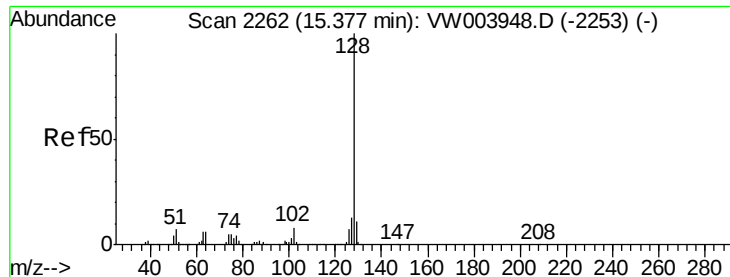
Tot Ion:180 Resp: 81301
Ion Ratio Lower Upper
180 100
182 97.0 46.9 140.8
145 30.5 15.0 45.0



#94
Hexachlorobutadiene
Concen: 19.401 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW004245.D
Acq: 27 Jul 2018 01:55

Tgt Ion:225 Resp: 45711
Ion Ratio Lower Upper
225 100
223 64.4 32.0 96.2
227 62.9 32.3 96.9





#95

Naphthalene

Concen: 20.286 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

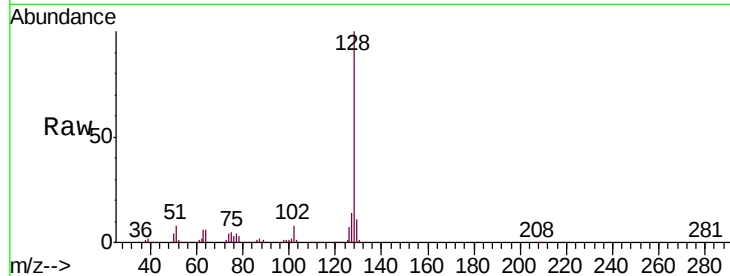
Tot Ion:128 Resp: 153629

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

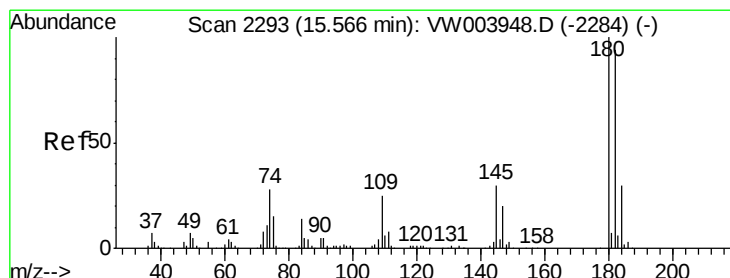
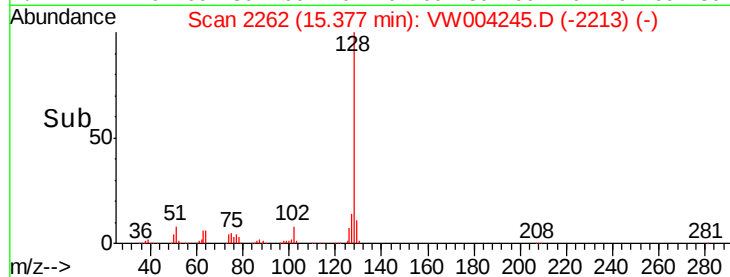
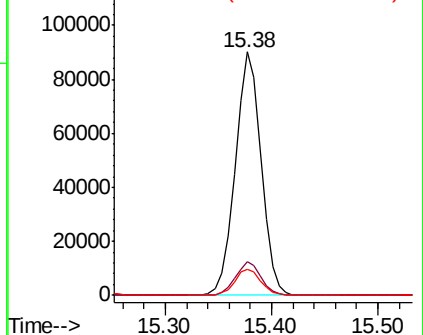
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.383 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW004245.D

Acq: 27 Jul 2018 01:55

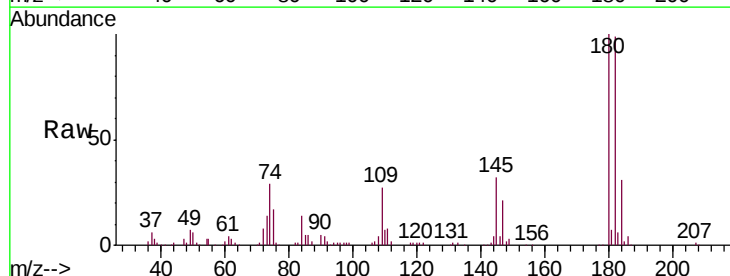
Tgt Ion:180 Resp: 74048

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.6

145 32.6 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

