

Data File : VW004835.D
Acq On : 21 Aug 2018 12:36
Operator : SY/AP
Sample : VW0821SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Quant Time: Aug 22 05:15:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	623201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	907702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	853872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	457077	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	277193	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
35) Dibromofluoromethane	7.89	113	288255	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.33	98	1176670	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.62	95	413133	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	85243	20.650	ug/l	98
3) Chloromethane	2.21	50	109082	20.211	ug/l	99
4) Vinyl Chloride	2.37	62	184413	23.213	ug/l	99
5) Bromomethane	2.78	94	108666	22.147	ug/l	99
6) Chloroethane	2.93	64	106477	22.212	ug/l	97
7) Trichlorofluoromethane	3.25	101	91393	24.419	ug/l	99
8) Diethyl Ether	3.68	74	68461	20.231	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	146391	22.714	ug/l	99
10) Methyl Iodide	4.26	142	212878	21.749	ug/l	99
11) Tert butyl alcohol	5.24	59	29466	87.537	ug/l #	72
12) 1,1-Dichloroethene	4.03	96	137221	21.366	ug/l	95
13) Acrolein	3.90	56	44919	99.442	ug/l	98
14) Allyl chloride	4.67	41	203169	20.846	ug/l	99
15) Acrylonitrile	5.38	53	133748	94.247	ug/l	100
16) Acetone	4.14	43	156208	101.562	ug/l	97
17) Carbon Disulfide	4.37	76	458869	21.742	ug/l	100
18) Methyl Acetate	4.67	43	59768	18.134	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	166413	19.961	ug/l	98
20) Methylene Chloride	4.91	84	166703	21.257	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	145803	21.337	ug/l	98
22) Diisopropyl ether	6.32	45	407955	21.777	ug/l	97
23) Vinyl Acetate	6.26	43	1028551	97.071	ug/l	99
24) 1,1-Dichloroethane	6.21	63	258734	21.254	ug/l	98
25) 2-Butanone	7.18	43	202704	92.498	ug/l	99
26) 2,2-Dichloropropane	7.17	77	157213	22.360	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	154353	20.983	ug/l	99
28) Bromochloromethane	7.51	49	98122	19.141	ug/l	100
29) Tetrahydrofuran	7.54	42	99010	88.602	ug/l	99
30) Chloroform	7.68	83	249578	20.846	ug/l	99
31) Cyclohexane	7.96	56	253574	21.535	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	209664	22.092	ug/l	99
36) 1,1-Dichloropropene	8.09	75	207493	22.190	ug/l	100
37) Ethyl Acetate	7.26	43	72210	19.372	ug/l	98
38) Carbon Tetrachloride	8.07	117	196407	22.818	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	259222	22.167	ug/l	98
40) Benzene	8.32	78	598167	22.011	ug/l	99
41) Methacrylonitrile	7.49	41	39318	18.586	ug/l	94
42) 1,2-Dichloroethane	8.40	62	146440	21.014	ug/l	99
43) Isopropyl Acetate	8.43	43	128312	19.164	ug/l	97
44) Trichloroethene	9.09	130	148674	21.552	ug/l	99
45) 1,2-Dichloropropane	9.37	63	145168	21.838	ug/l	99
46) Dibromomethane	9.46	93	67869	20.609	ug/l	100
47) Bromodichloromethane	9.65	83	165743	21.074	ug/l	99
48) Methyl methacrylate	9.44	41	60497	19.256	ug/l	98
49) 1,4-Dioxane	9.48	88	20130	418.385	ug/l #	81
51) 4-Methyl-2-Pentanone	10.21	43	434879	96.103	ug/l	99
52) Toluene	10.39	92	368965	22.638	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	164580	20.770	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	199890	21.160	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	98763	21.098	ug/l	98
56) Ethyl methacrylate	10.65	69	108490	19.663	ug/l	99
57) 1,3-Dichloropropane	10.94	76	167905	20.779	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	267777	103.579	ug/l	99
59) 2-Hexanone	10.98	43	302359	98.614	ug/l	99
60) Dibromochloromethane	11.13	129	110235	20.989	ug/l	100
61) 1,2-Dibromoethane	11.24	107	91077	20.354	ug/l	100
64) Tetrachloroethene	10.87	164	129092	22.122	ug/l	97
65) Chlorobenzene	11.66	112	399177	21.720	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	133464	21.508	ug/l	98
67) Ethyl Benzene	11.74	91	685160	21.991	ug/l	98
68) m/p-Xylenes	11.85	106	552728	45.599	ug/l	99
69) o-Xylene	12.17	106	247285	22.037	ug/l	98
70) Styrene	12.19	104	414822	22.007	ug/l	100
71) Bromoform	12.35	173	65304	19.938	ug/l #	97
73) Isopropylbenzene	12.47	105	695095	22.354	ug/l	99
74) N-amyl acetate	12.28	43	123148	19.569	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	117441	20.388	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	146412	36.337	ug/l #	100
77) Bromobenzene	12.76	156	161546	21.463	ug/l	98
78) n-propylbenzene	12.81	91	863426	22.755	ug/l	100
79) 2-Chlorotoluene	12.90	91	487909	22.308	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	610199	23.098	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33461	19.302	ug/l	99
82) 4-Chlorotoluene	12.99	91	511877	22.027	ug/l	99
83) tert-Butylbenzene	13.21	119	502985	22.260	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	619687	22.800	ug/l	100
85) sec-Butylbenzene	13.39	105	769583	22.812	ug/l	100
86) p-Isopropyltoluene	13.51	119	672183	22.900	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	339115	22.150	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	336695	22.001	ug/l	100
89) n-Butylbenzene	13.83	91	634408	22.354	ug/l	99
90) Hexachloroethane	14.10	117	114736	21.444	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	295207	21.468	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17410	19.339	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082118\
Quantitation Report (Not Reviewed)

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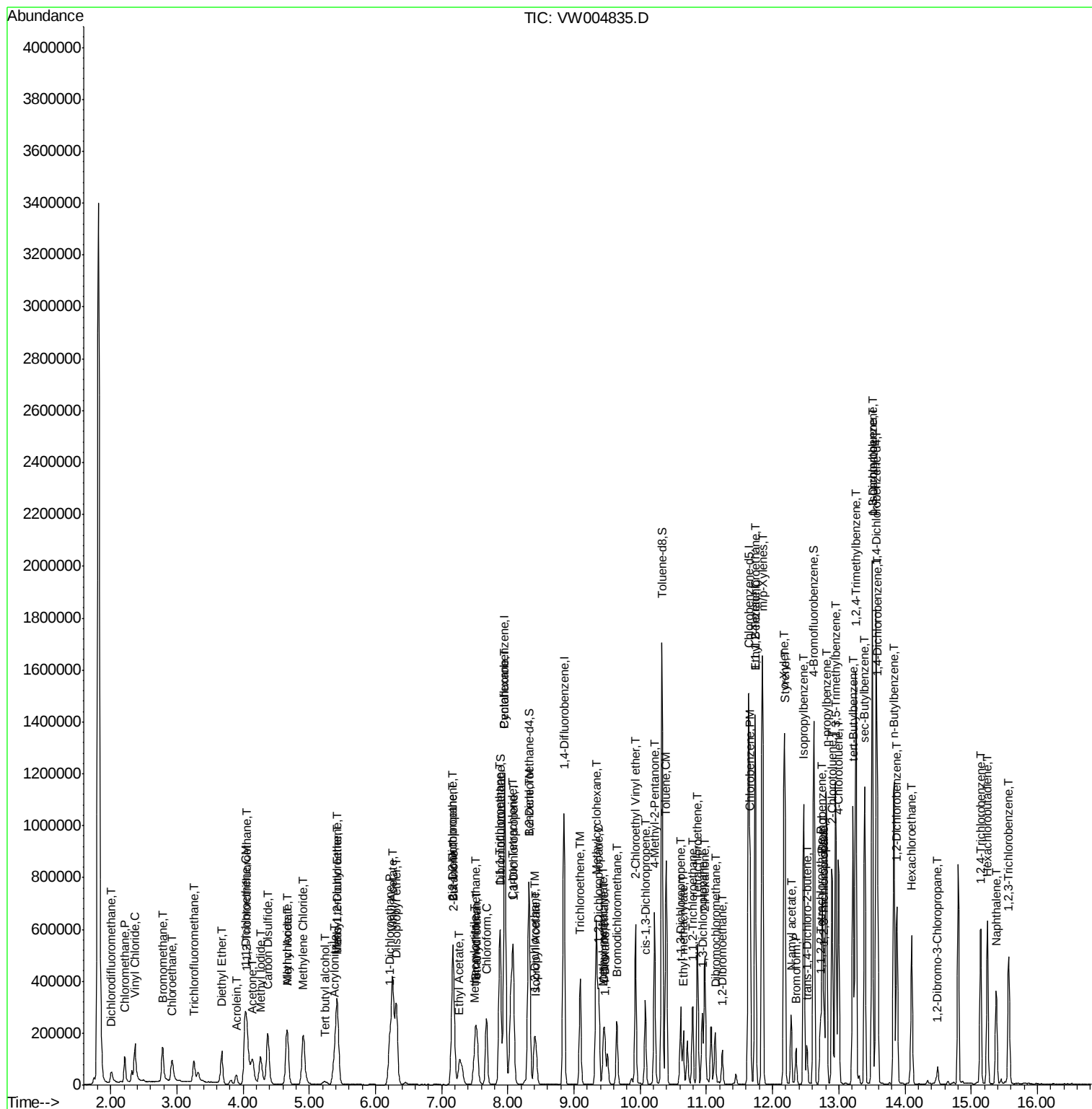
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	205488	21.128	ug/l	98
94) Hexachlorobutadiene	15.25	225	132276	22.158	ug/l	99
95) Naphthalene	15.38	128	321766	19.384	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	178543	20.701	ug/l	98

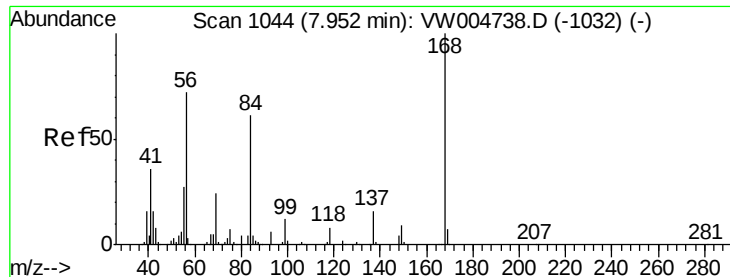
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

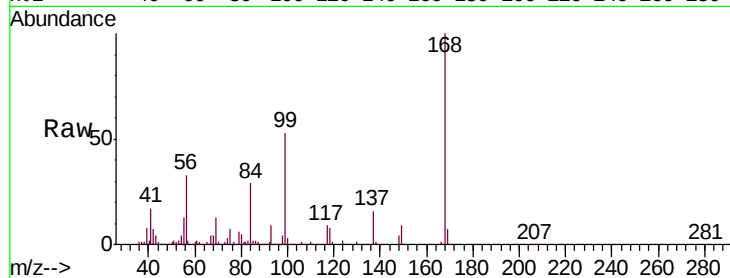
VW0821SBS01

Tgt Ion:168 Resp: 623201

Ion Ratio Lower Upper

168 100

99 52.8 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

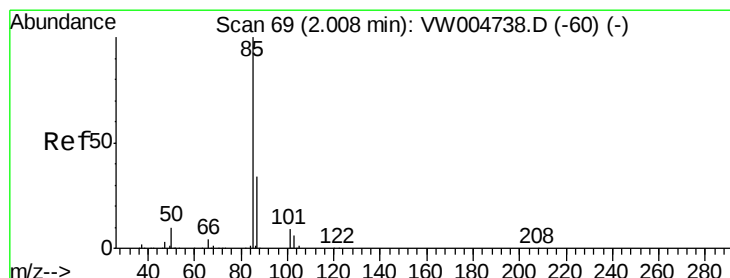
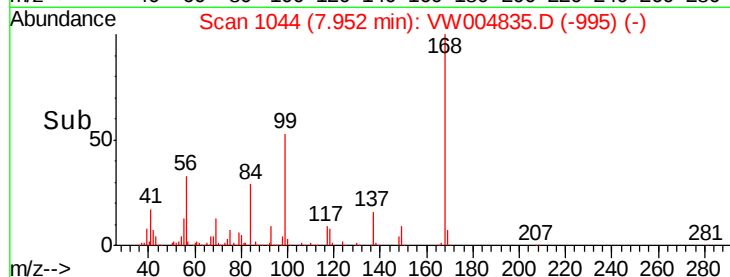
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.650 ug/l

RT: 2.01 min Scan# 70

Delta R.T. 0.01 min

Lab File: VW004835.D

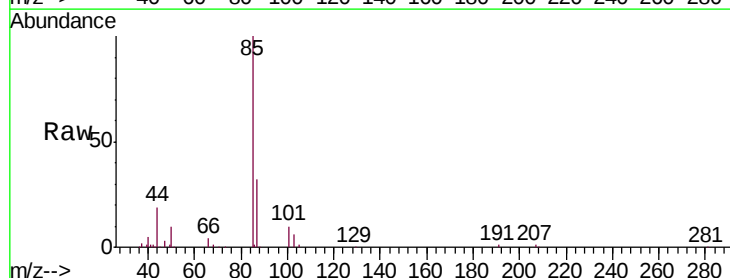
Acq: 21 Aug 2018 12:36

Tgt Ion: 85 Resp: 85243

Ion Ratio Lower Upper

85 100

87 32.4 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

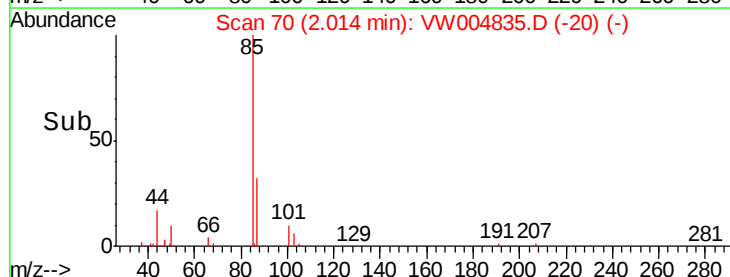
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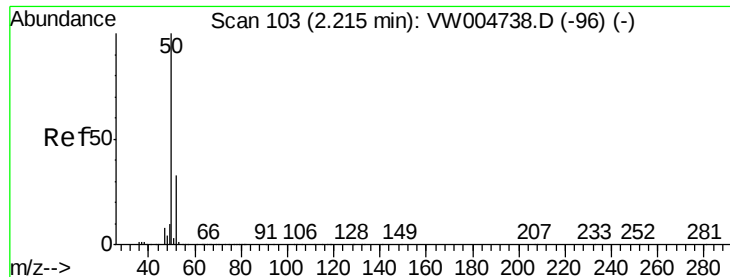
10000

5000

0

Time-->





#3

Chloromethane

Concen: 20.211 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

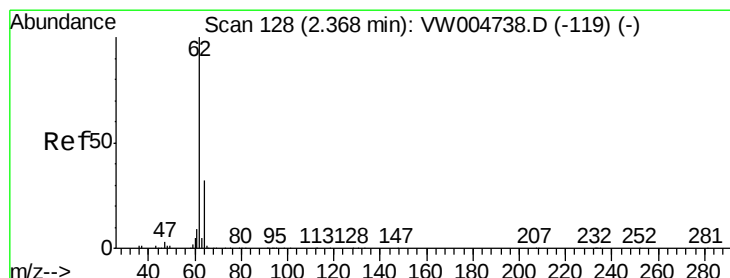
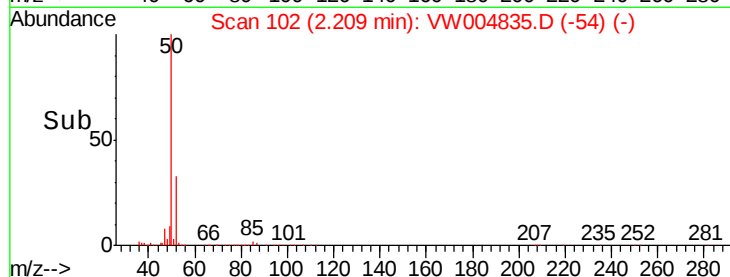
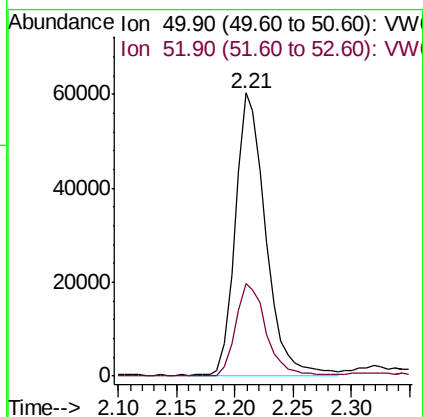
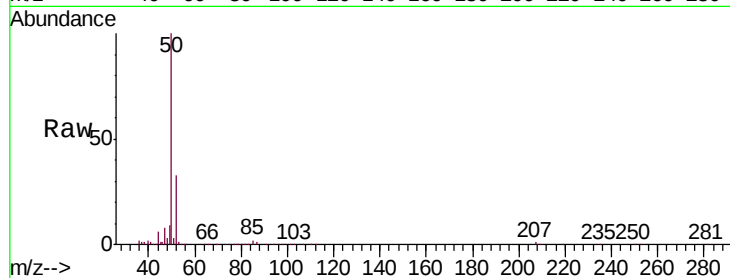
VW0821SBS01

Tgt Ion: 50 Resp: 109082

Ion Ratio Lower Upper

50 100

52 32.8 26.7 40.1



#4

Vinyl Chloride

Concen: 23.213 ug/l

RT: 2.37 min Scan# 128

Delta R.T. -0.00 min

Lab File: VW004835.D

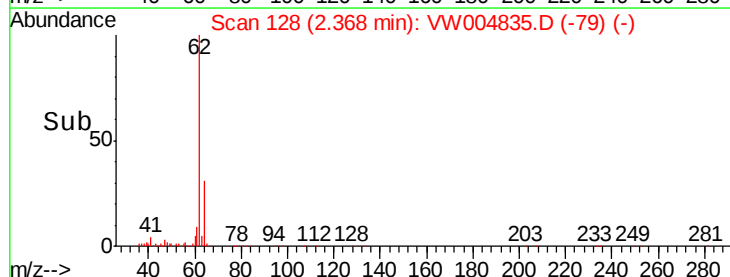
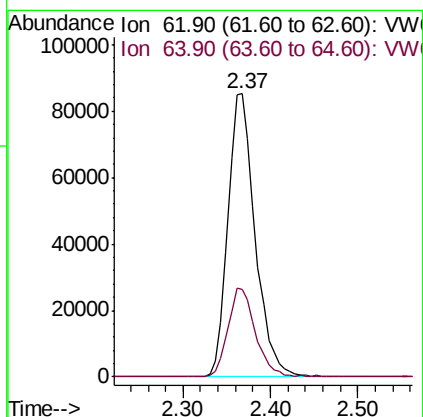
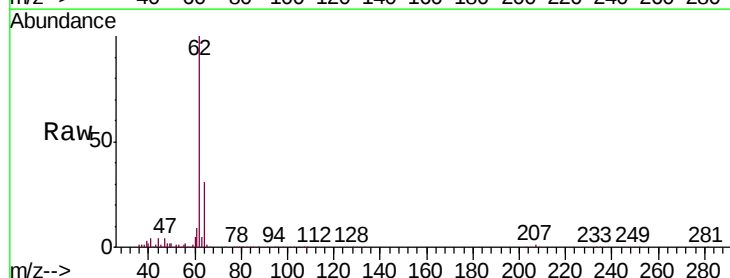
Acq: 21 Aug 2018 12:36

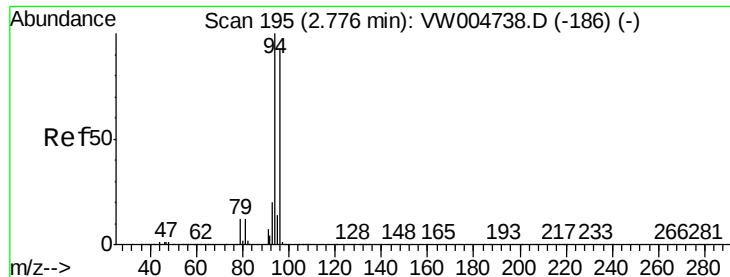
Tgt Ion: 62 Resp: 184413

Ion Ratio Lower Upper

62 100

64 30.8 25.2 37.8





#5

Bromomethane

Concen: 22.147 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

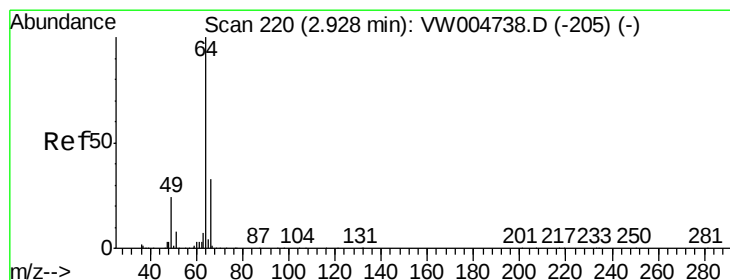
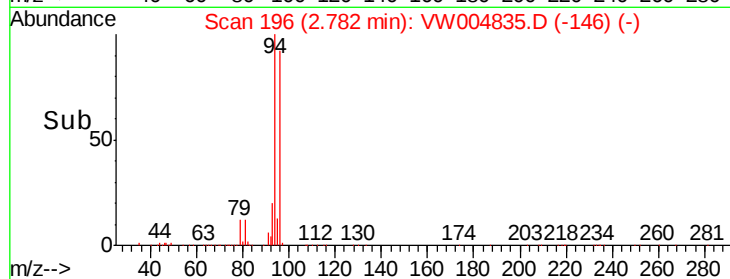
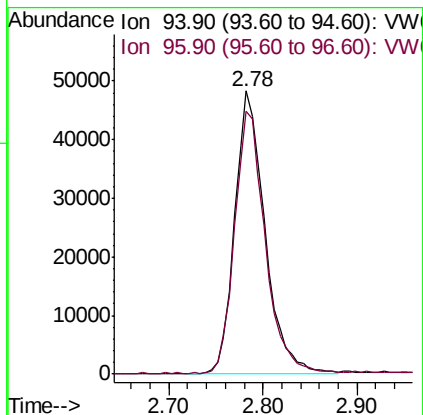
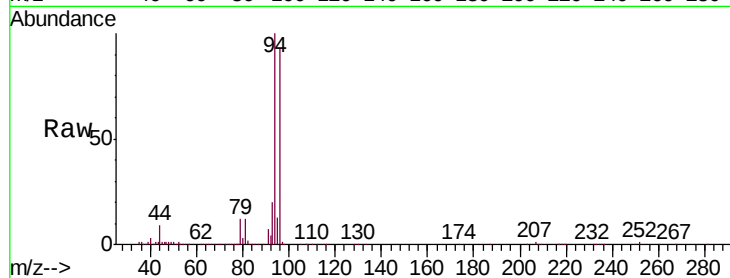
VW0821SBS01

Tgt Ion: 94 Resp: 108666

Ion Ratio Lower Upper

94 100

96 92.4 74.3 111.5



#6

Chloroethane

Concen: 22.212 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004835.D

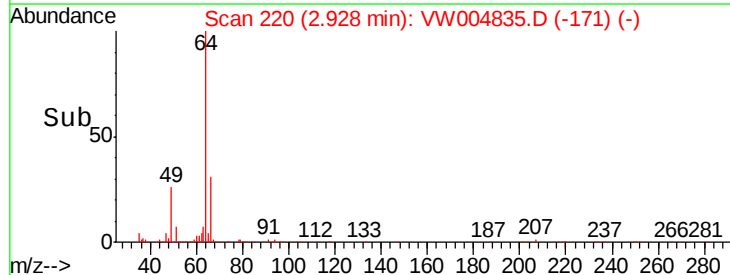
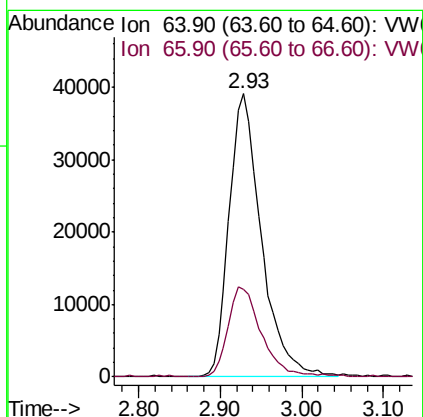
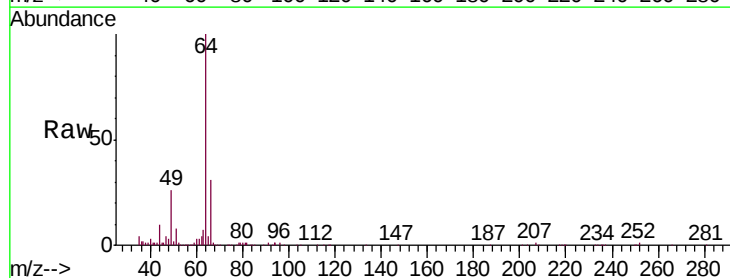
Acq: 21 Aug 2018 12:36

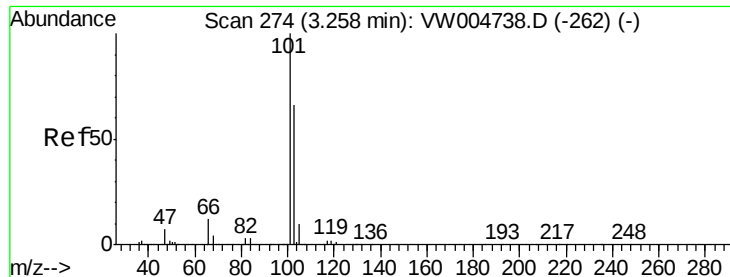
Tgt Ion: 64 Resp: 106477

Ion Ratio Lower Upper

64 100

66 30.8 26.1 39.1



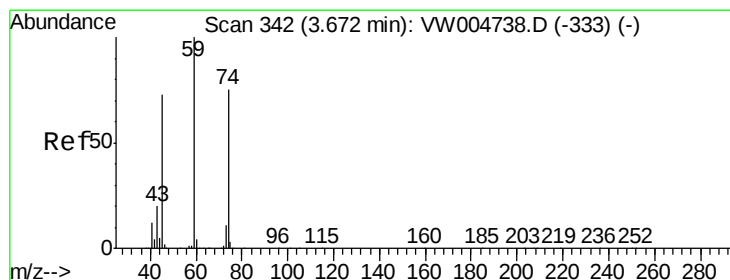
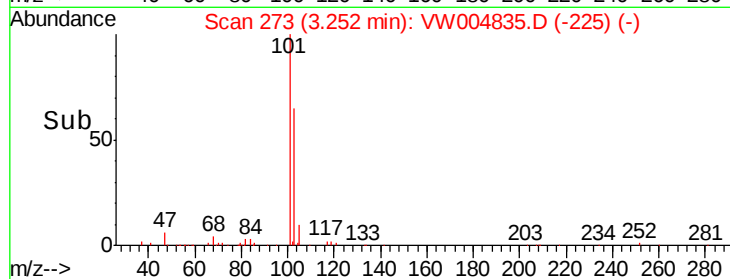
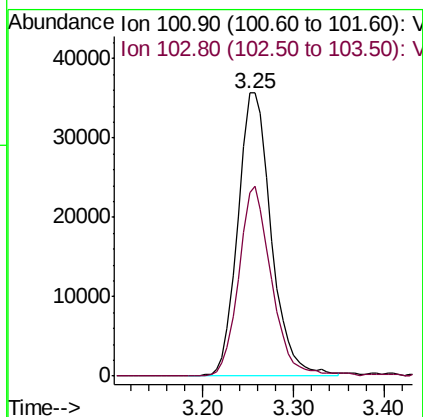
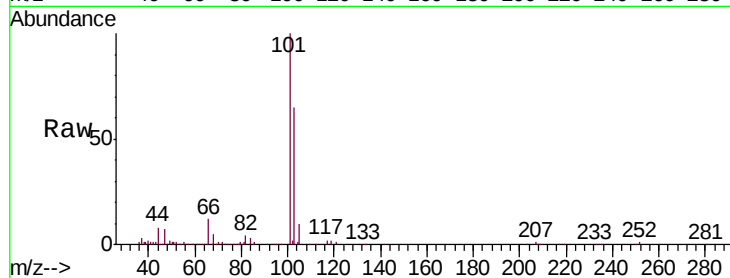


#7

Trichlorofluoromethane
Concen: 24.419 ug/l
RT: 3.25 min Scan# 273
Delta R.T. -0.01 min
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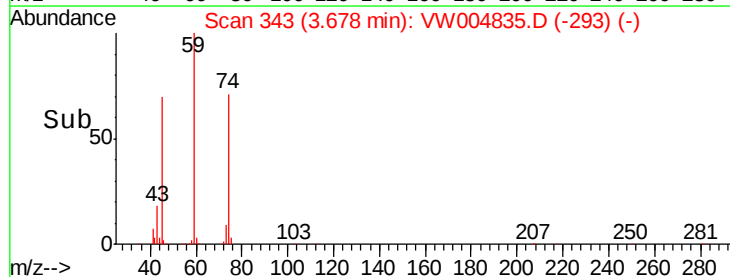
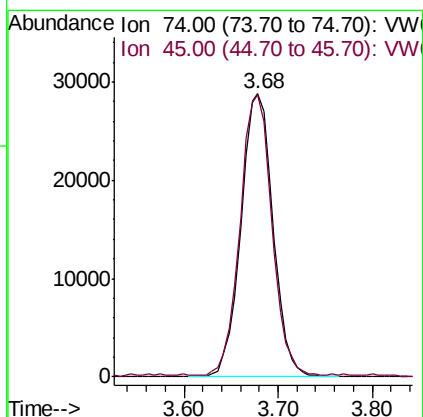
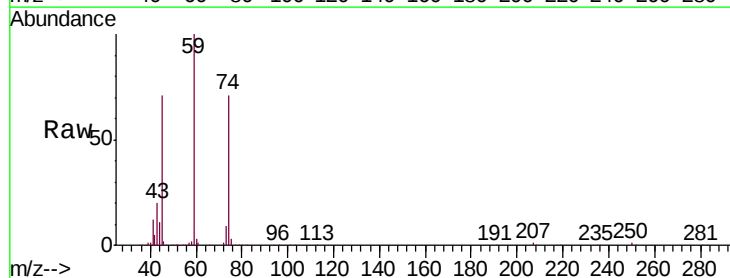
Tgt Ion:101 Resp: 91393
Ion Ratio Lower Upper
101 100
103 64.8 52.5 78.7

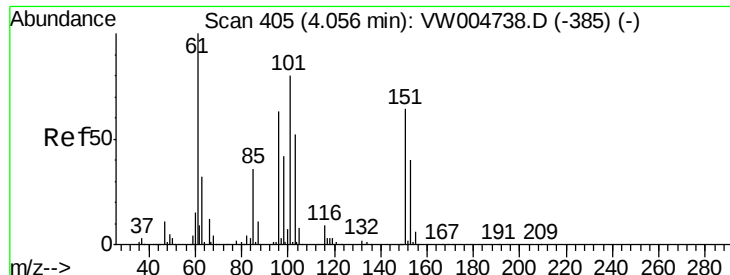


#8

Diethyl Ether
Concen: 20.231 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.01 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion: 74 Resp: 68461
Ion Ratio Lower Upper
74 100
45 98.1 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.714 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW004835.D

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MSVOA_W

ClientSampleId :

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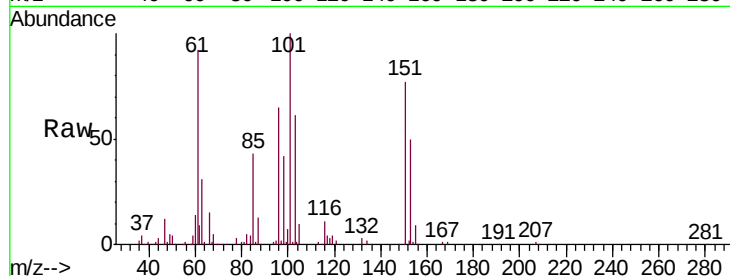
Tgt Ion:101 Resp: 146391

Ion Ratio Lower Upper

101 100

85 41.0 33.9 50.9

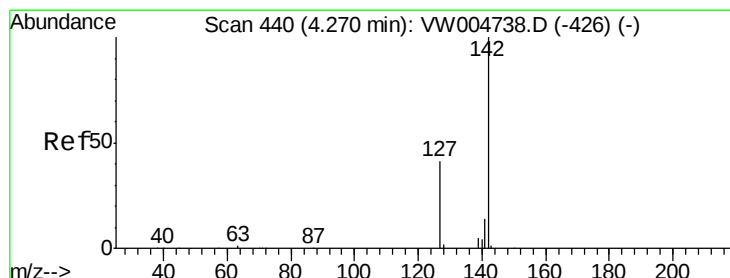
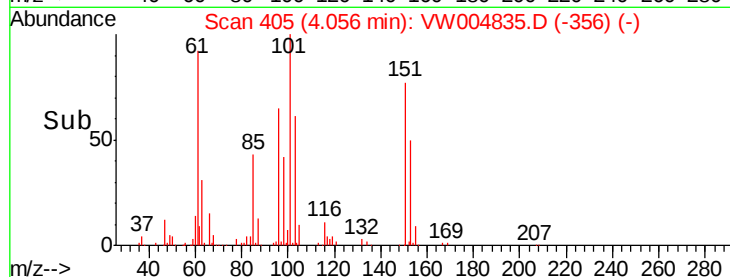
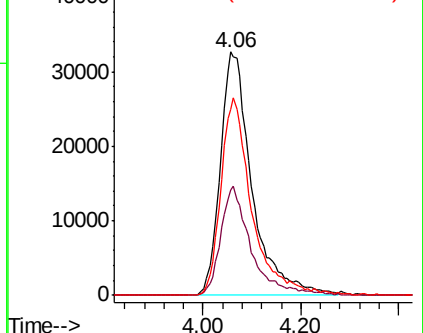
151 78.6 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.749 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

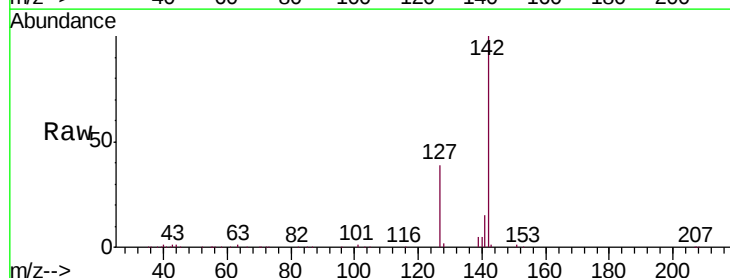
Tgt Ion:142 Resp: 212878

Ion Ratio Lower Upper

142 100

127 40.4 32.1 48.1

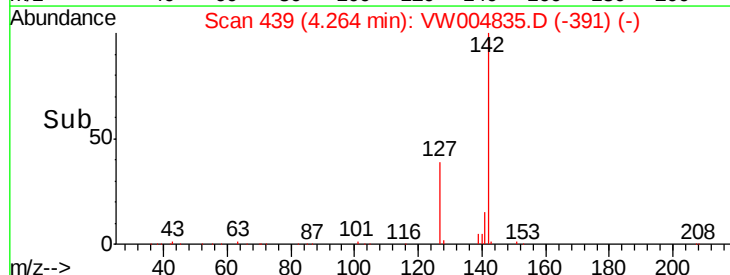
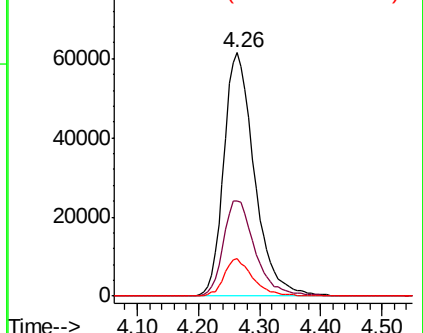
141 14.4 11.7 17.5

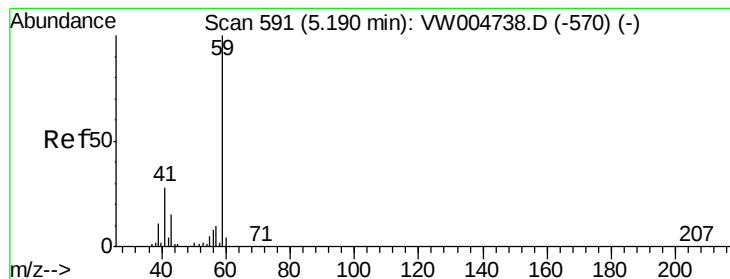


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 87.537 ug/l

RT: 5.24 min Scan# 599

Delta R.T. 0.05 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

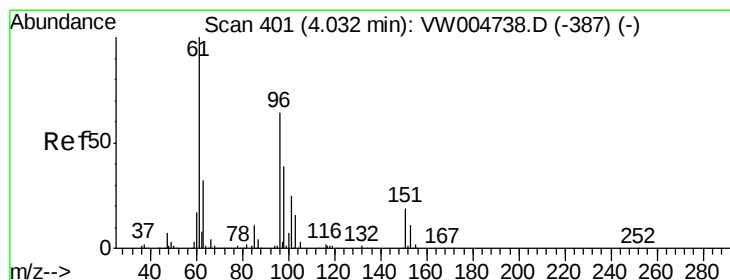
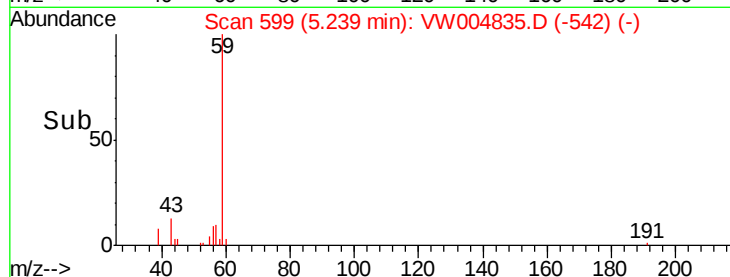
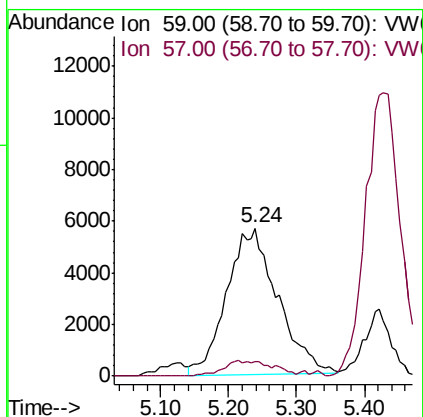
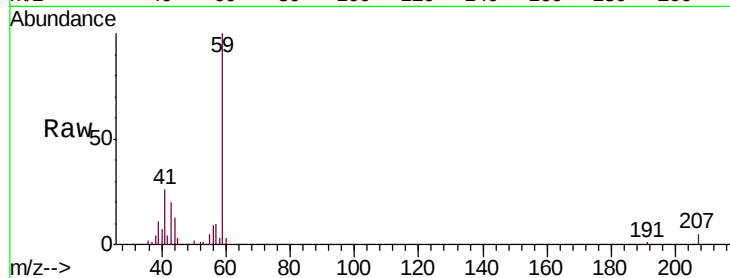
VW0821SBS01

Tgt Ion: 59 Resp: 29466

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



#12

1,1-Dichloroethene

Concen: 21.366 ug/l

RT: 4.03 min Scan# 401

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

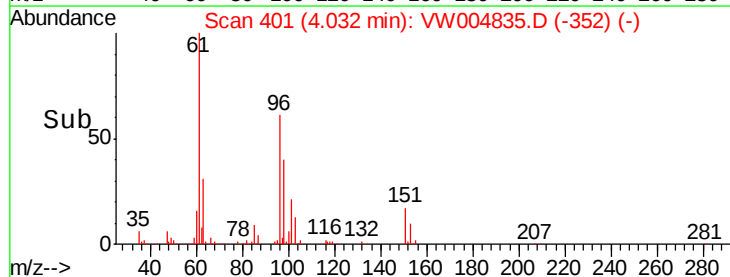
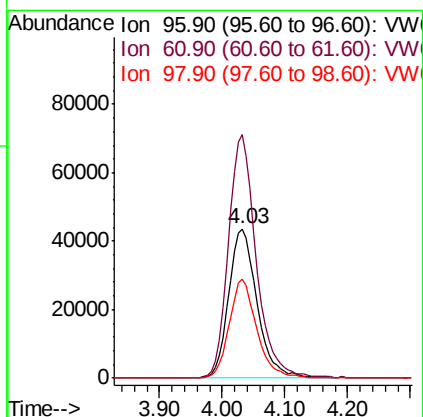
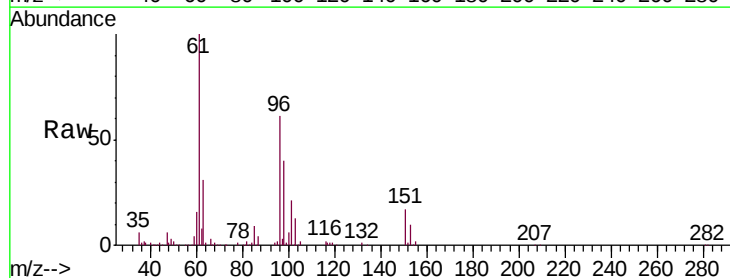
Tgt Ion: 96 Resp: 137221

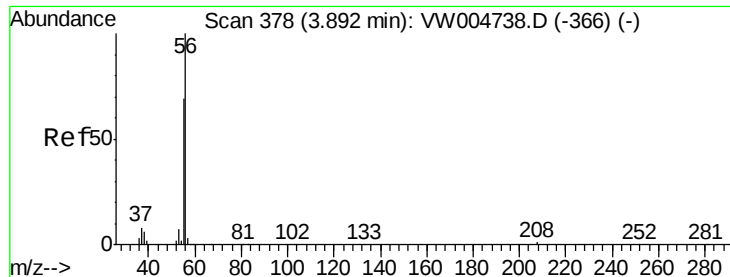
Ion Ratio Lower Upper

96 100

61 163.3 125.6 188.4

98 66.0 49.4 74.0





#13

Acrolein

Concen: 99.442 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

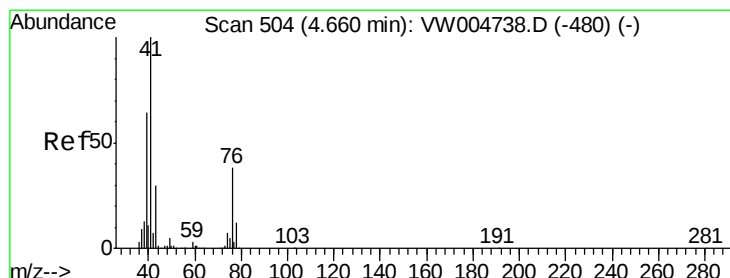
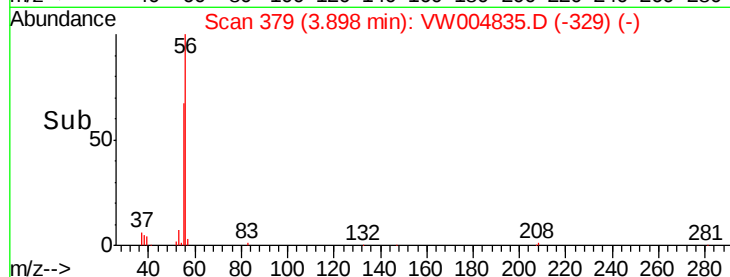
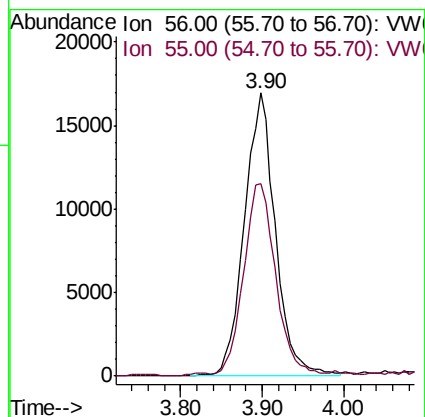
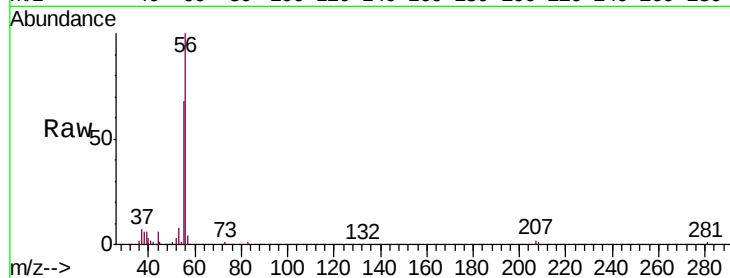
VW0821SBS01

Tgt Ion: 56 Resp: 44919

Ion Ratio Lower Upper

56 100

55 68.8 56.1 84.1



#14

Allyl chloride

Concen: 20.846 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

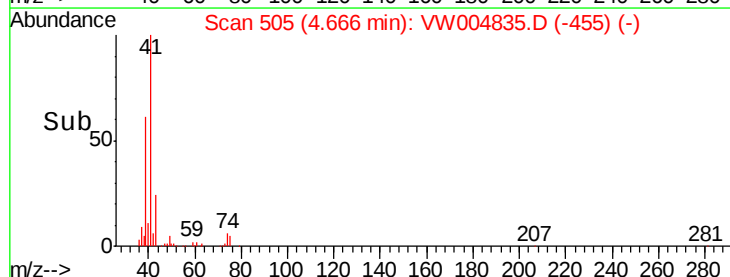
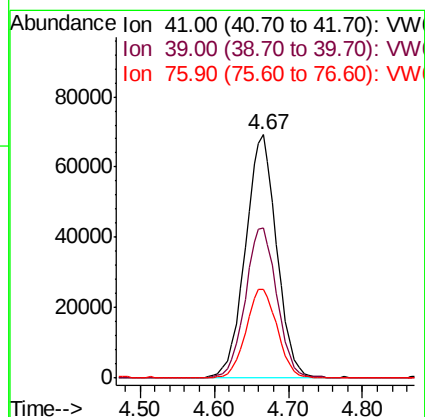
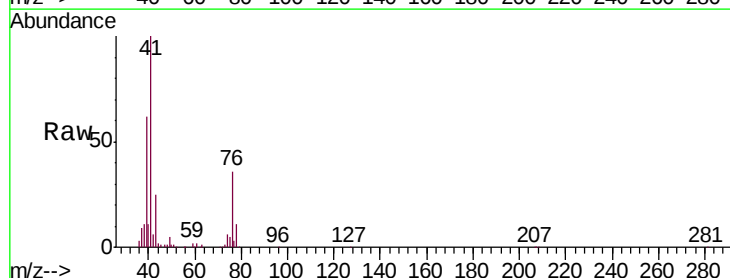
Tgt Ion: 41 Resp: 203169

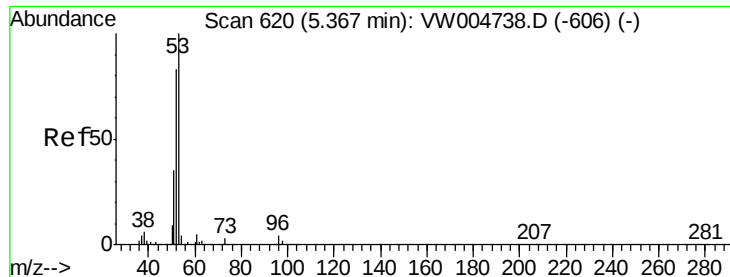
Ion Ratio Lower Upper

41 100

39 62.8 50.0 75.0

76 36.7 29.8 44.6





#15

Acrylonitrile

Concen: 94.247 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

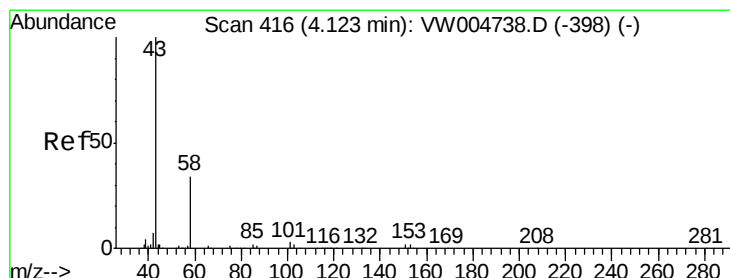
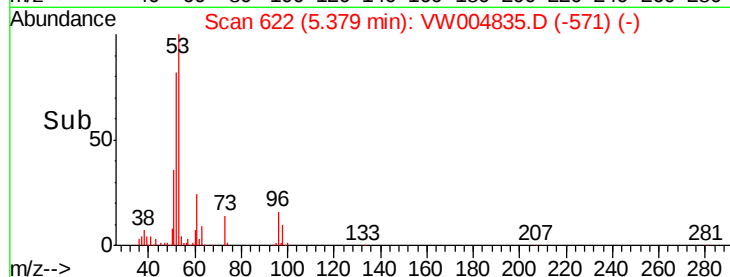
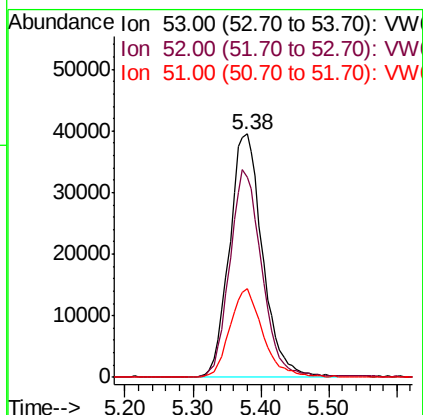
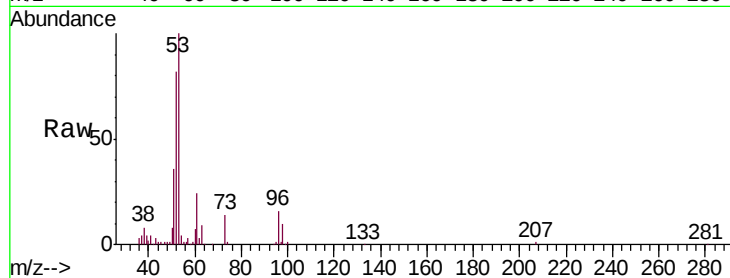
Tgt Ion: 53 Resp: 133748

Ion Ratio Lower Upper

53 100

52 82.3 65.8 98.6

51 36.1 28.7 43.1



#16

Acetone

Concen: 101.562 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004835.D

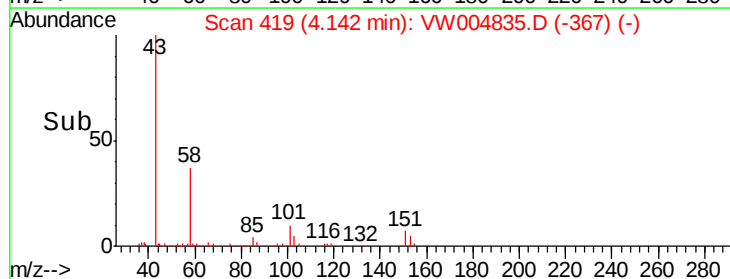
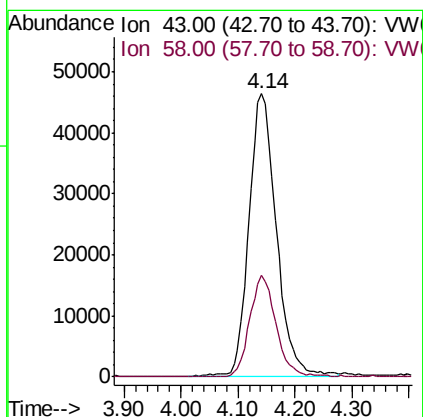
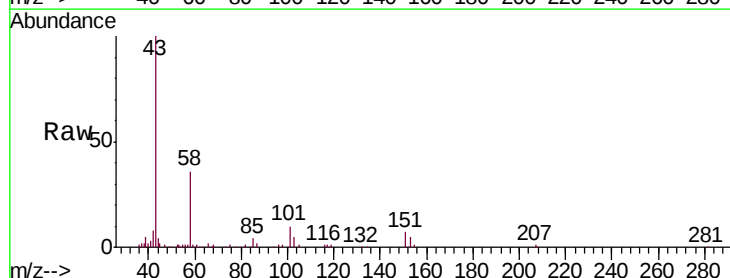
Acq: 21 Aug 2018 12:36

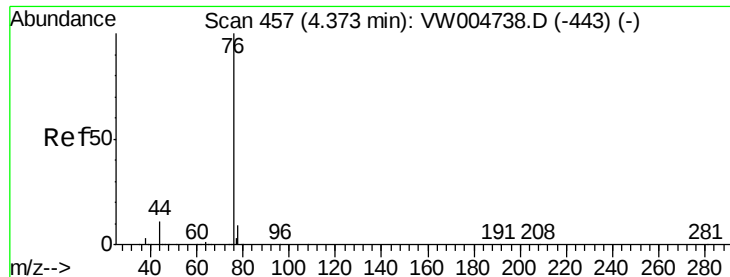
Tgt Ion: 43 Resp: 156208

Ion Ratio Lower Upper

43 100

58 36.0 27.3 40.9

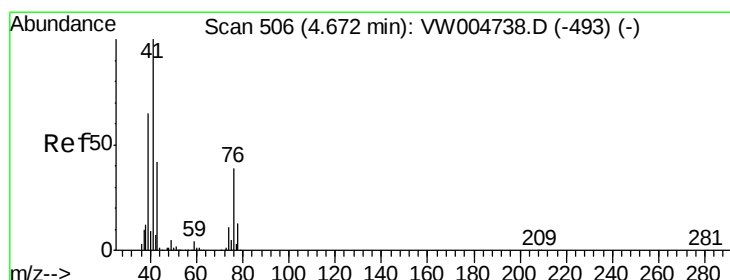
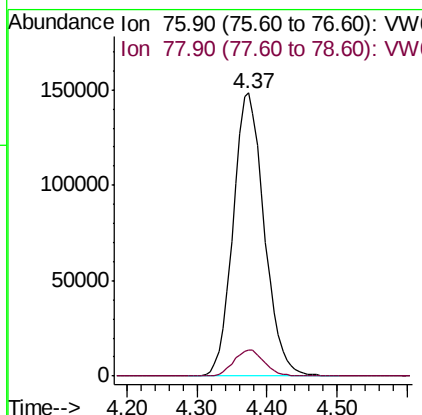
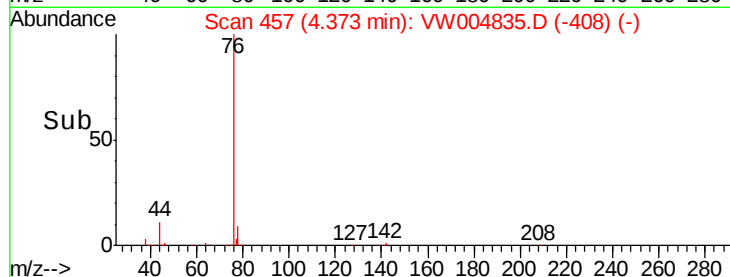
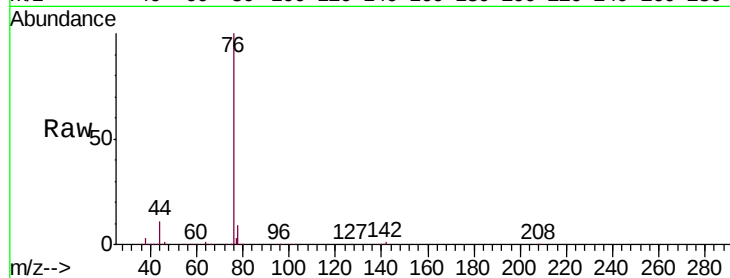




#17
Carbon Disulfide
Concen: 21.742 ug/l
RT: 4.37 min Scan# 457
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

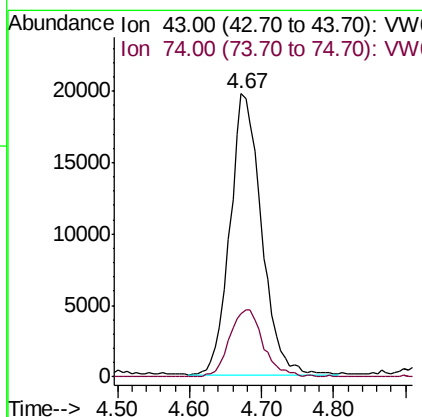
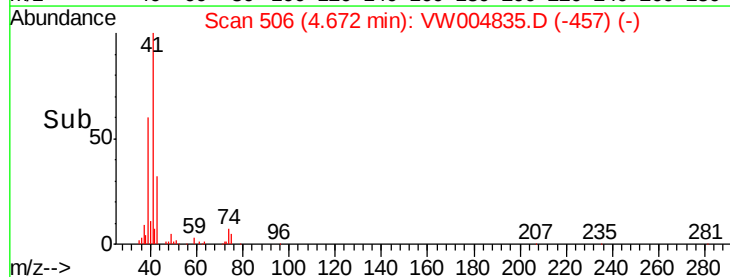
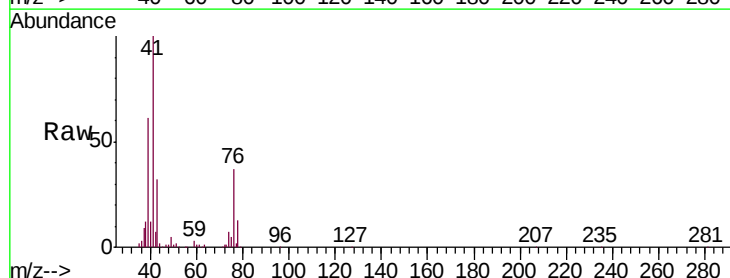
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

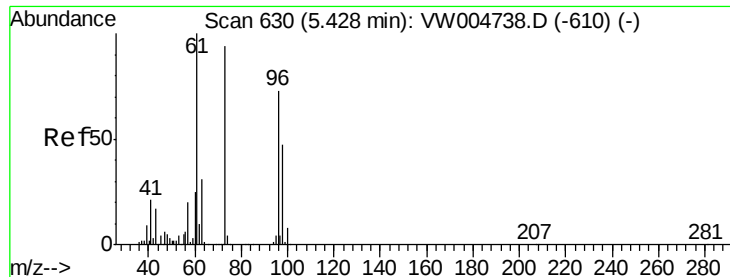
Tgt Ion: 76 Resp: 458869
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 18.134 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion: 43 Resp: 59768
Ion Ratio Lower Upper
43 100
74 25.6 19.8 29.8



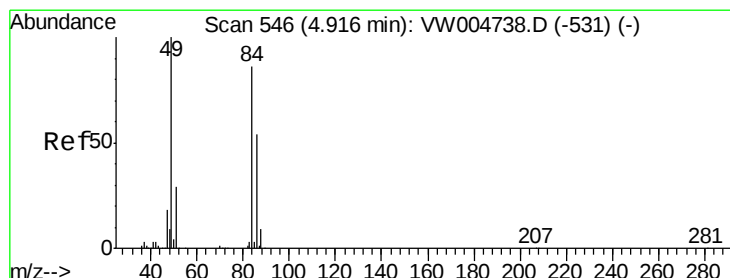
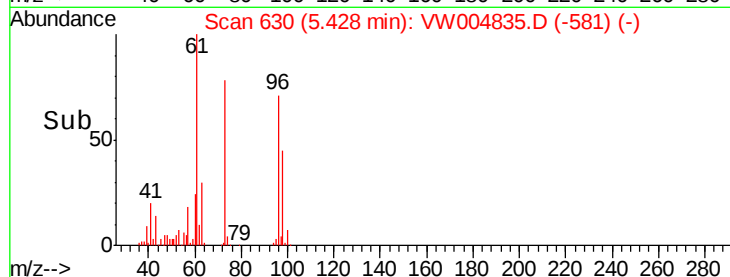
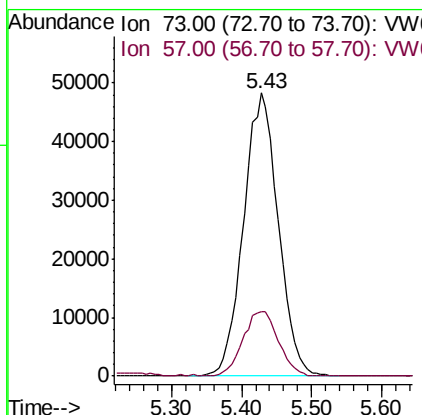
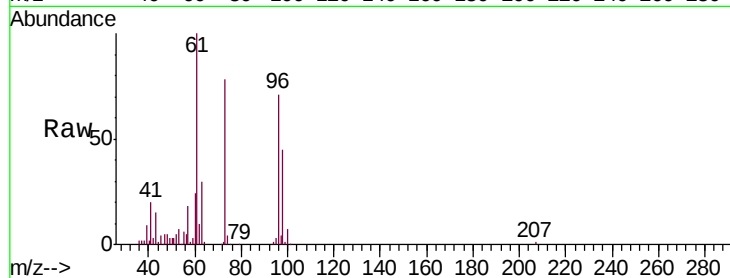


#19

Methyl tert-butyl Ether
 Concen: 19.961 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

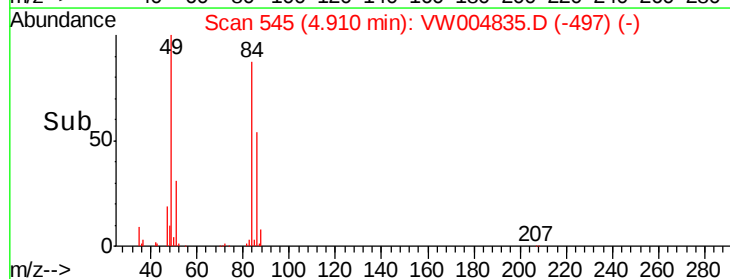
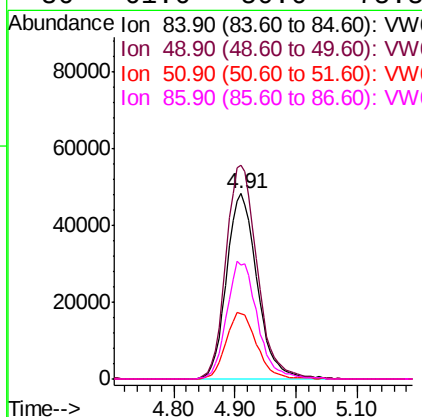
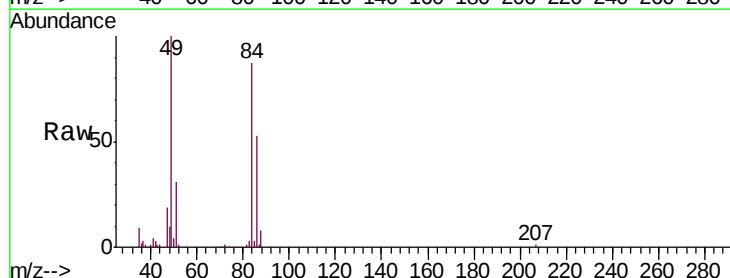
Tgt Ion: 73 Resp: 166413
 Ion Ratio Lower Upper
 73 100
 57 22.7 17.3 25.9

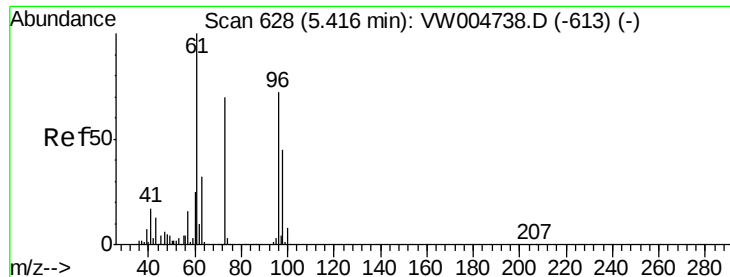


#20

Methylene Chloride
 Concen: 21.257 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion: 84 Resp: 166703
 Ion Ratio Lower Upper
 84 100
 49 115.4 93.2 139.8
 51 35.3 27.4 41.0
 86 61.6 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.337 ug/l

RT: 5.42 min Scan# 628

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

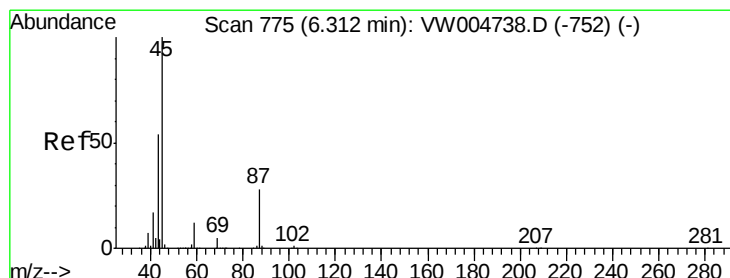
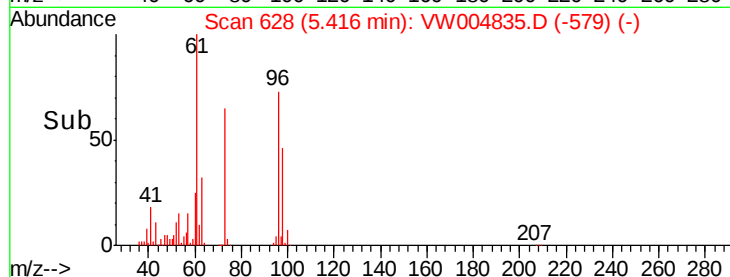
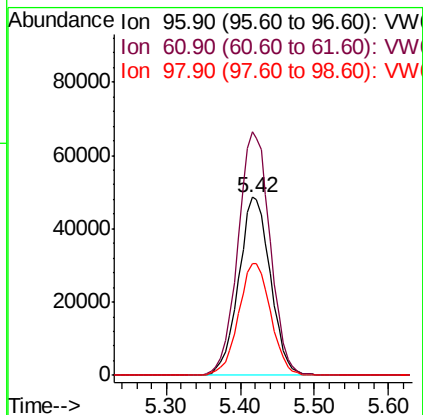
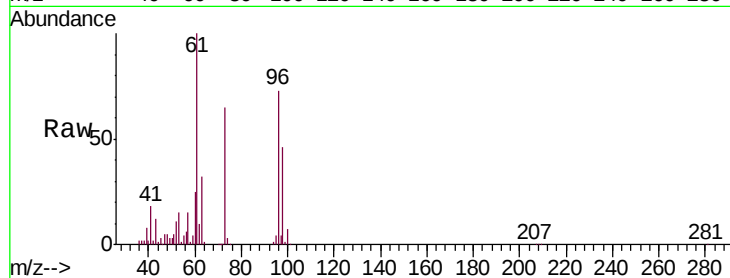
Tgt Ion: 96 Resp: 145803

Ion Ratio Lower Upper

96 100

61 136.6 111.4 167.0

98 63.0 49.7 74.5



#22

Diisopropyl ether

Concen: 21.777 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Tgt Ion: 45 Resp: 407955

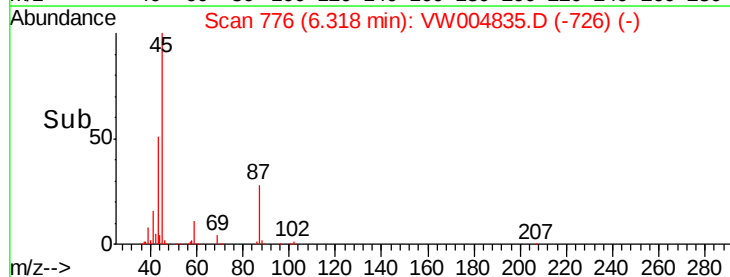
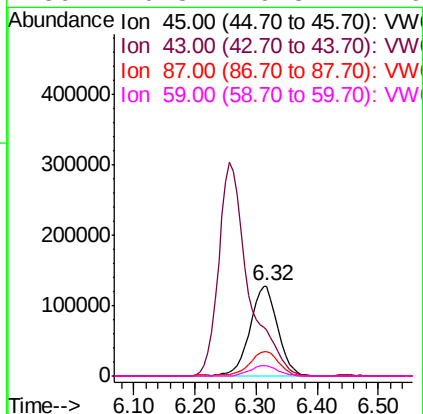
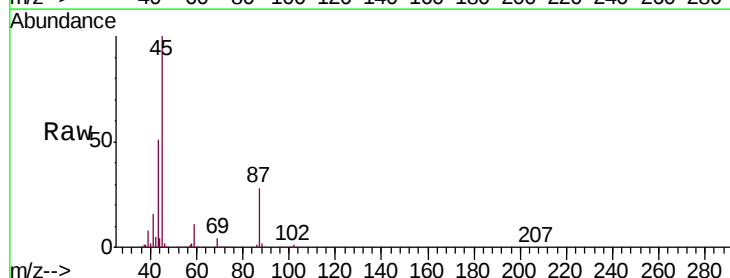
Ion Ratio Lower Upper

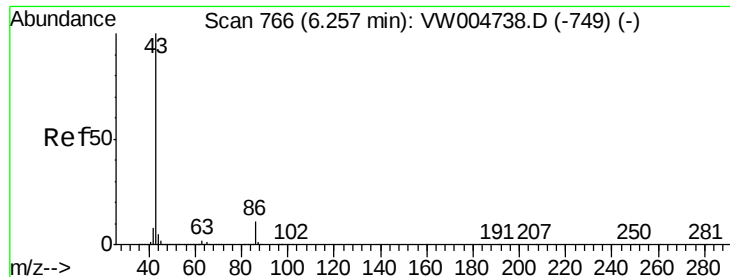
45 100

43 51.0 43.0 64.6

87 27.5 22.2 33.4

59 10.8 9.8 14.6

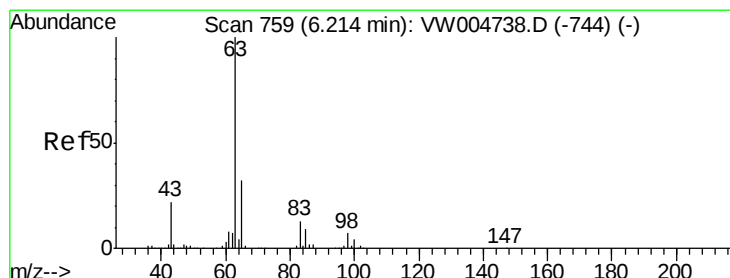
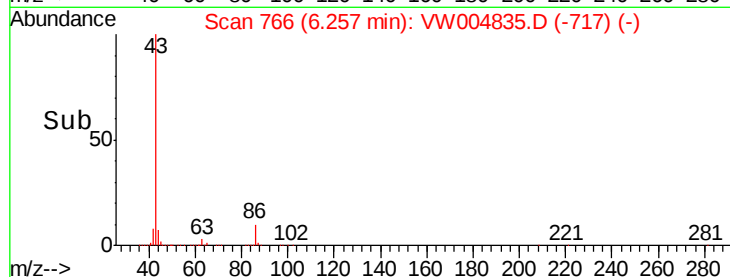
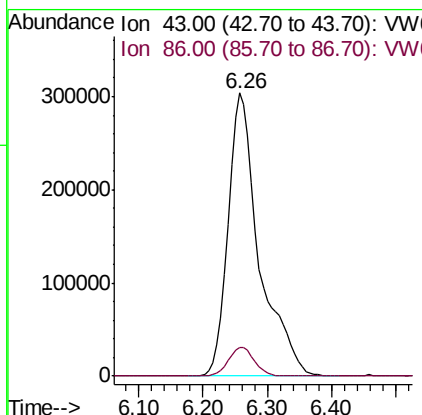
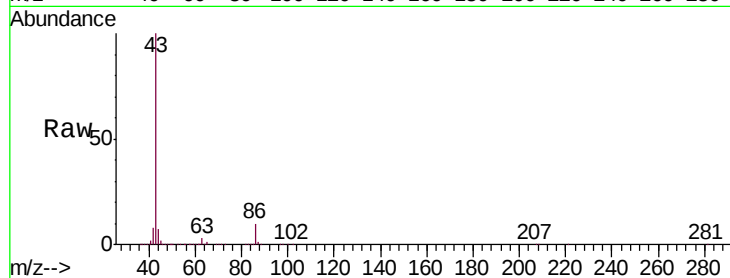




#23
 Vinyl Acetate
 Concen: 97.071 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

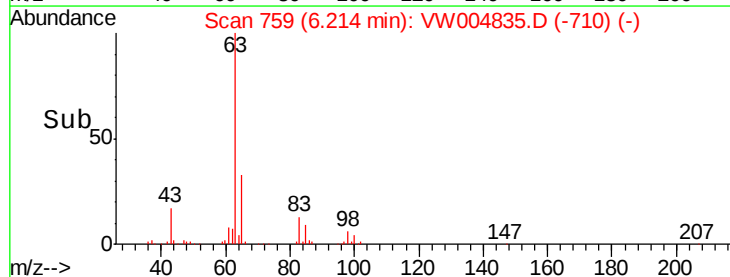
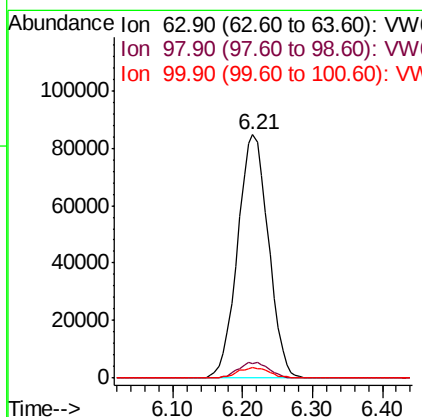
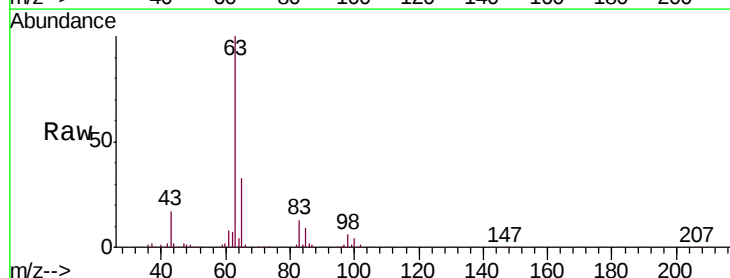
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

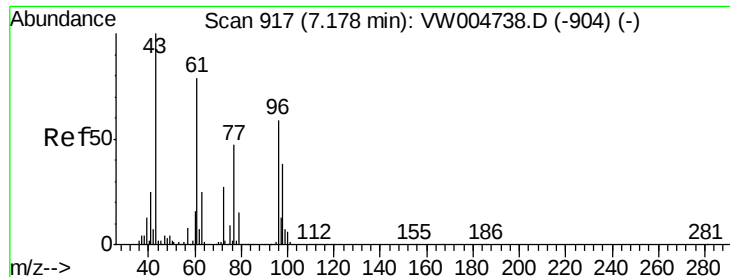
Tgt Ion: 43 Resp: 1028551
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 21.254 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion: 63 Resp: 258734
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.4
 100 4.5 2.1 6.3





#25

2-Butanone

Concen: 92.498 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampled :

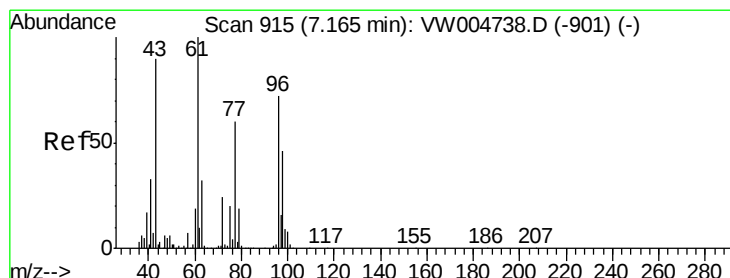
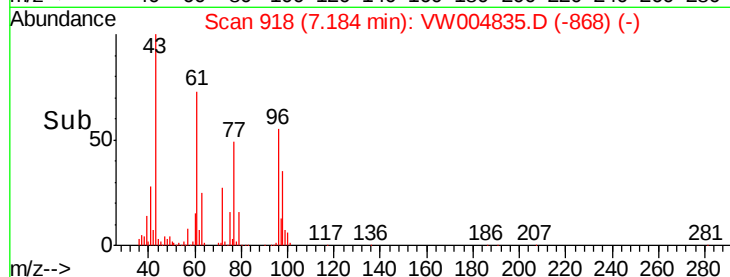
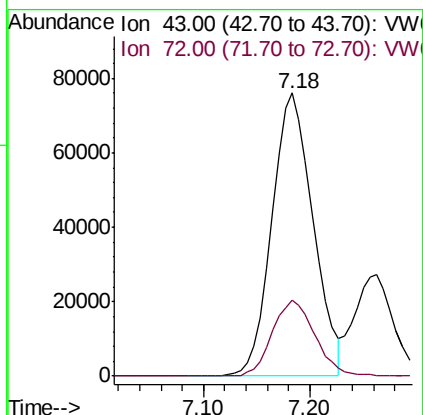
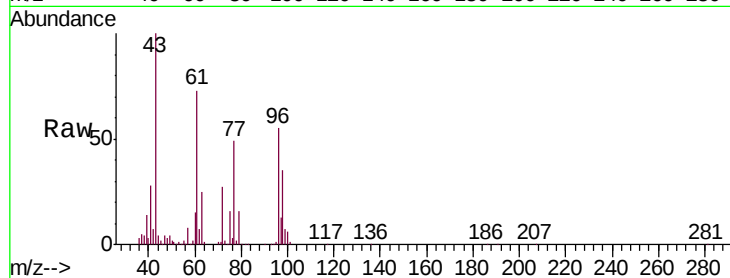
VW0821SBS01

Tgt Ion: 43 Resp: 202704

Ion Ratio Lower Upper

43 100

72 26.9 22.0 33.0



#26

2,2-Dichloropropane

Concen: 22.360 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004835.D

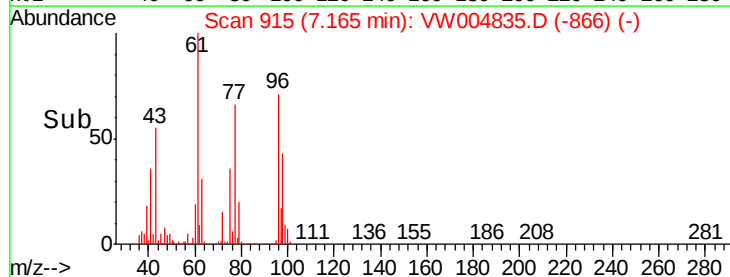
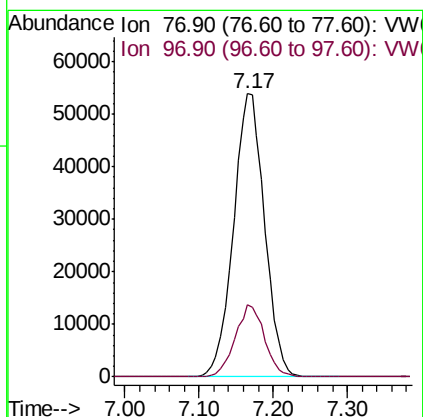
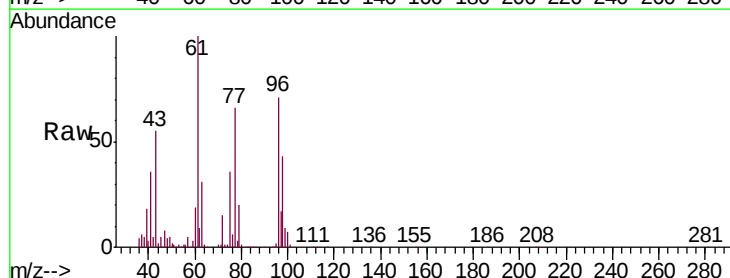
Acq: 21 Aug 2018 12:36

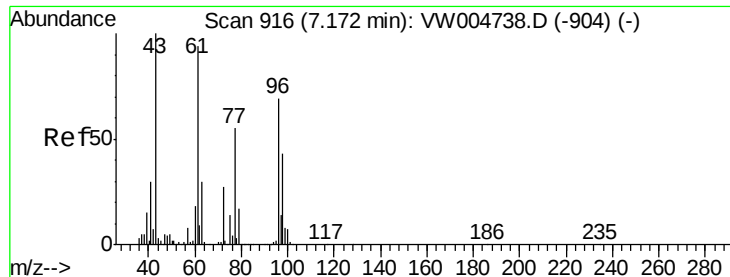
Tgt Ion: 77 Resp: 157213

Ion Ratio Lower Upper

77 100

97 24.0 12.6 37.8



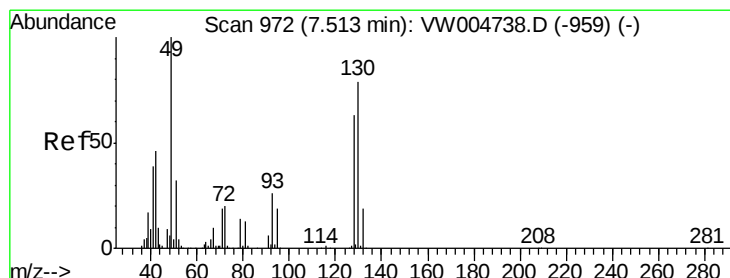
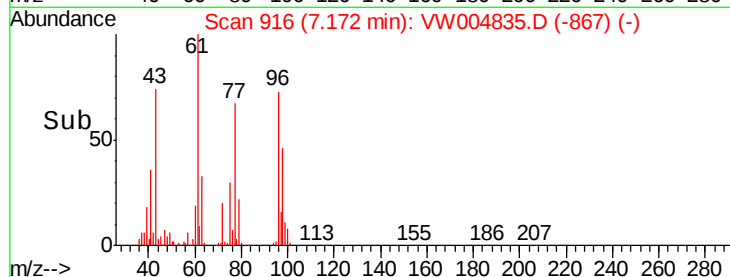
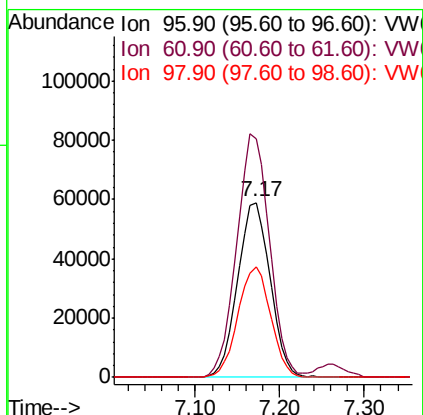
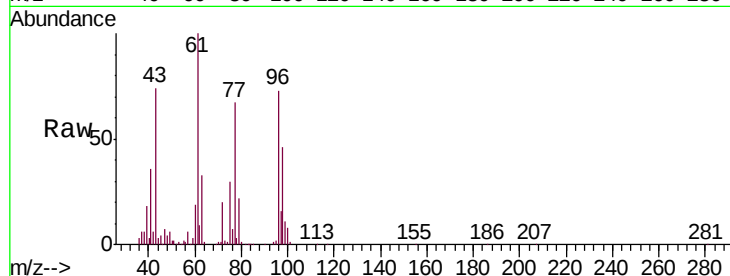


#27

cis-1,2-Dichloroethene
 Concen: 20.983 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

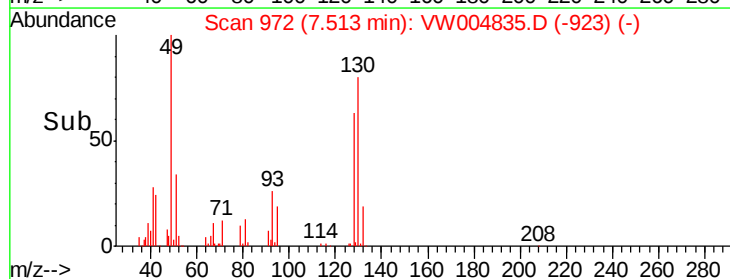
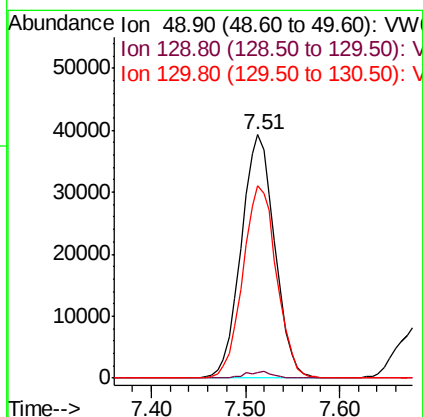
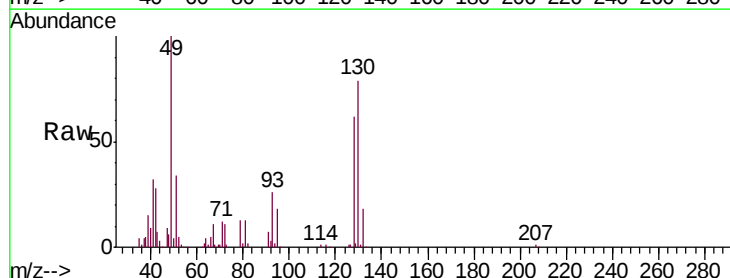
Tgt Ion	Resp	Lower	Upper
96	154353		
Ion Ratio			
96	100		
61	140.2	0.0	277.6
98	63.5	0.0	127.4

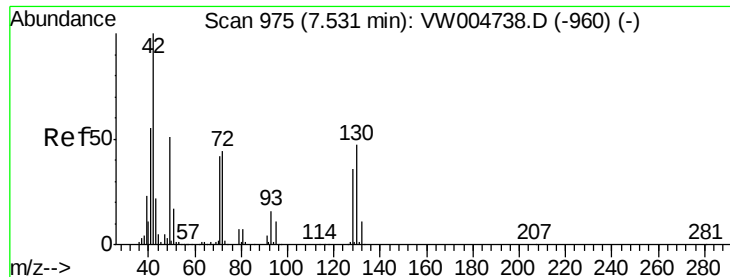


#28

Bromochloromethane
 Concen: 19.141 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion	Resp	Lower	Upper
49	98122		
Ion Ratio			
49	100		
129	2.3	0.0	4.4
130	79.6	63.7	95.5

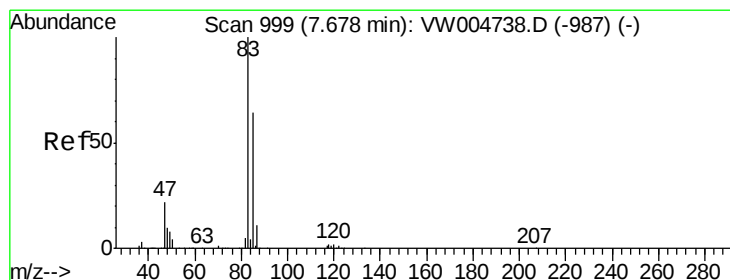
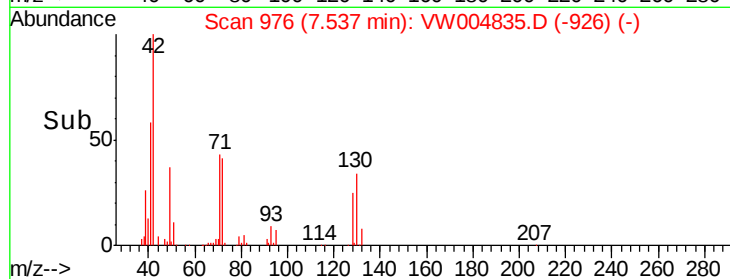
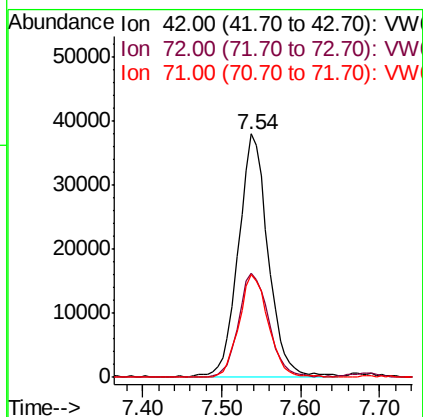
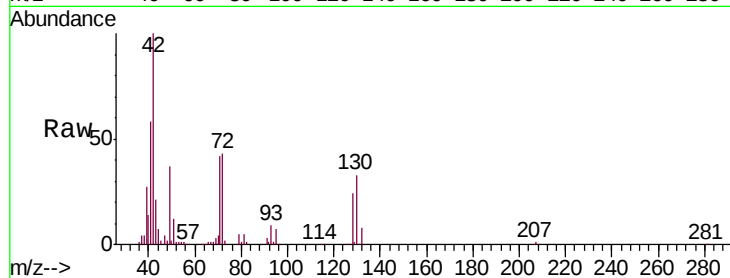




#29
Tetrahydrofuran
Concen: 88.602 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

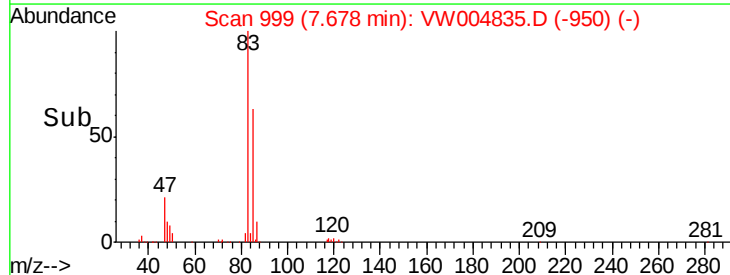
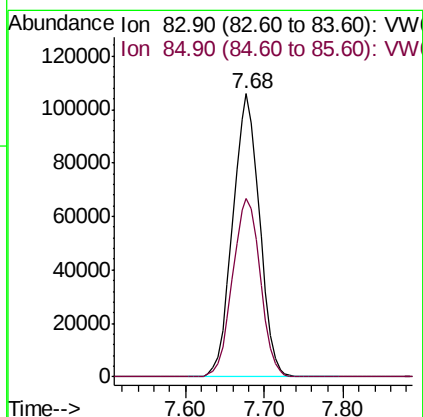
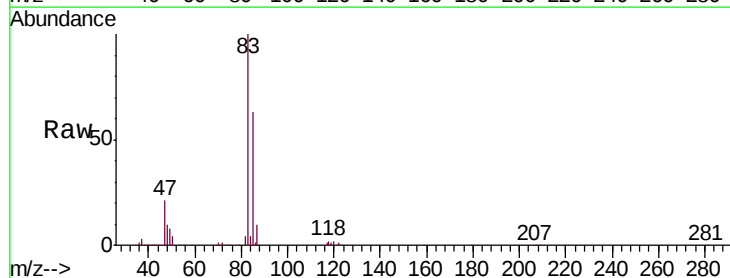
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

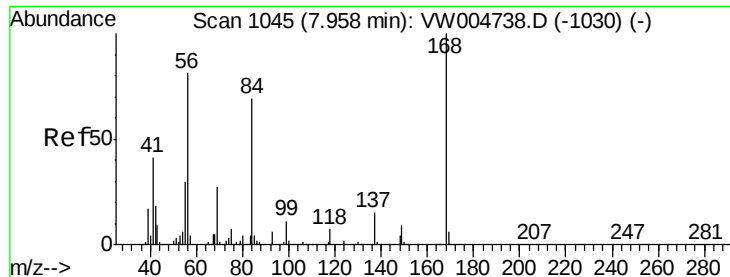
Tgt Ion: 42 Resp: 99010
Ion Ratio Lower Upper
42 100
72 43.9 34.9 52.3
71 41.8 33.8 50.6



#30
Chloroform
Concen: 20.846 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion: 83 Resp: 249578
Ion Ratio Lower Upper
83 100
85 63.1 51.0 76.6

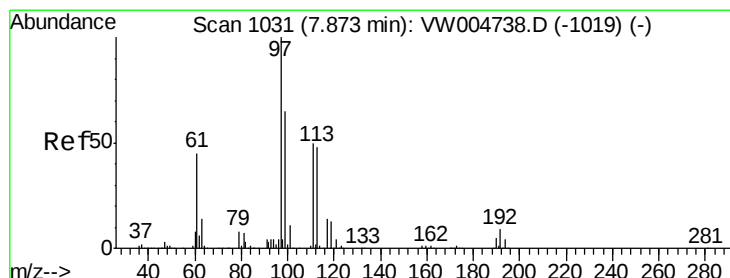
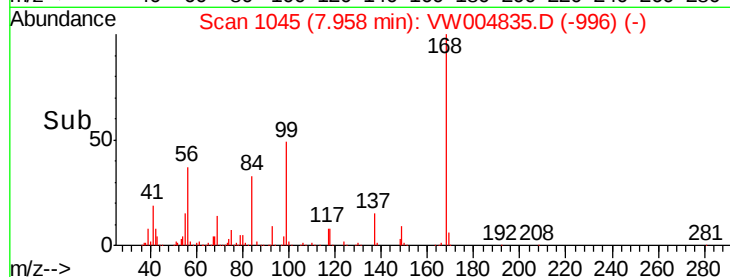
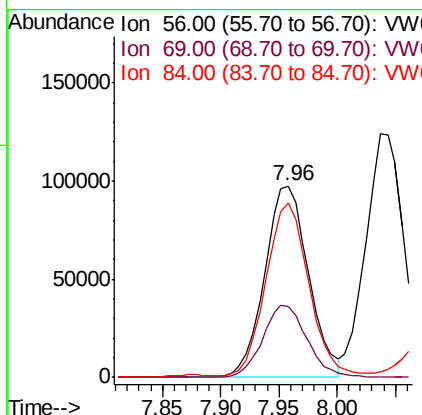
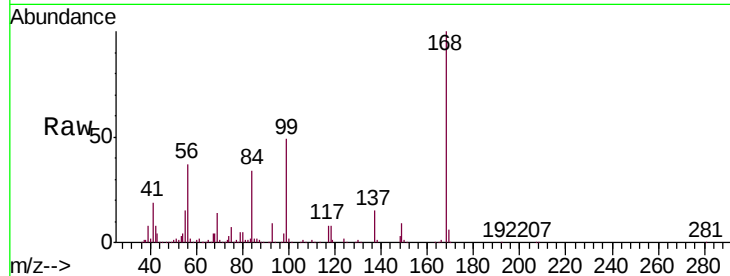




#31
Cyclohexane
Concen: 21.535 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

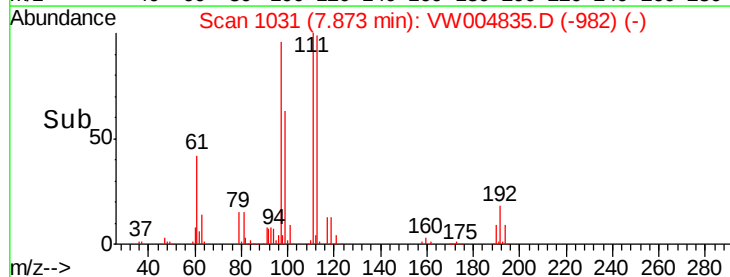
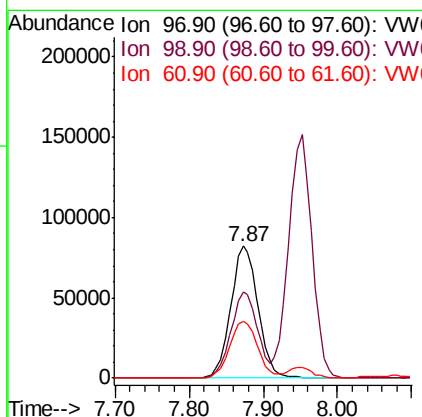
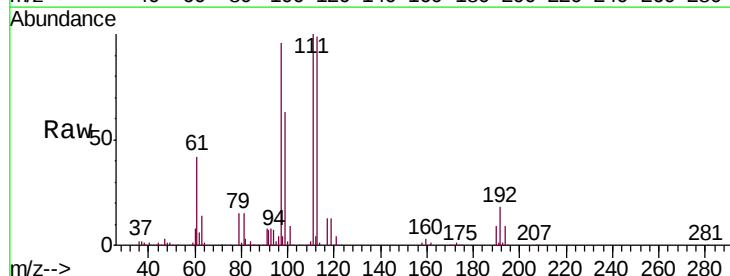
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

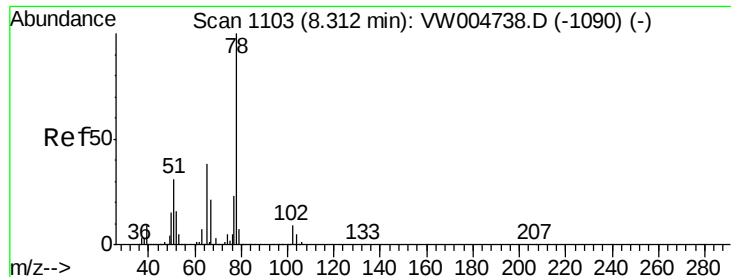
Tgt Ion: 56 Resp: 253574
Ion Ratio Lower Upper
56 100
69 37.2 27.1 40.7
84 89.3 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 22.092 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion: 97 Resp: 209664
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 44.5 34.4 51.6

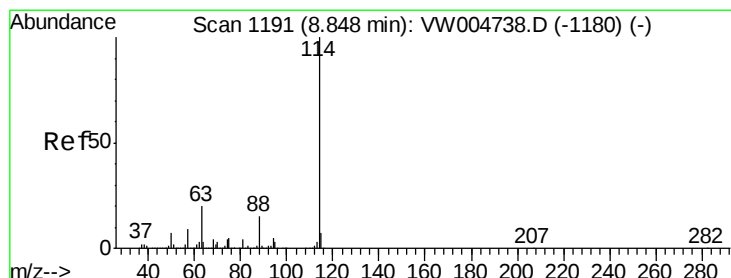
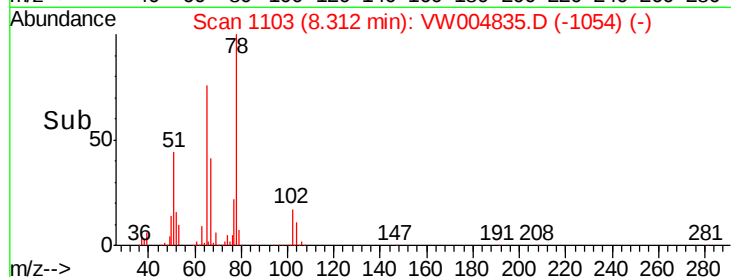
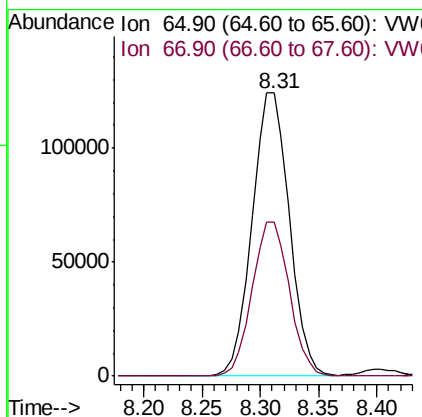
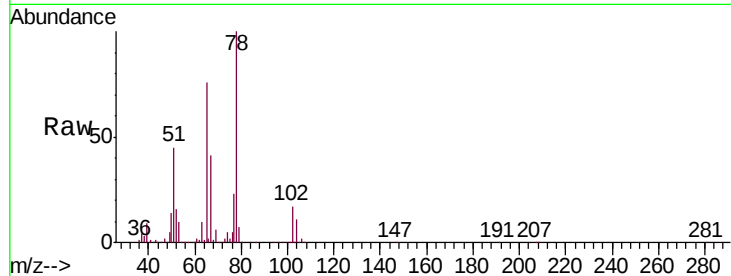




#33
 1,2-Dichloroethane-d4
 Concen: 46.006 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

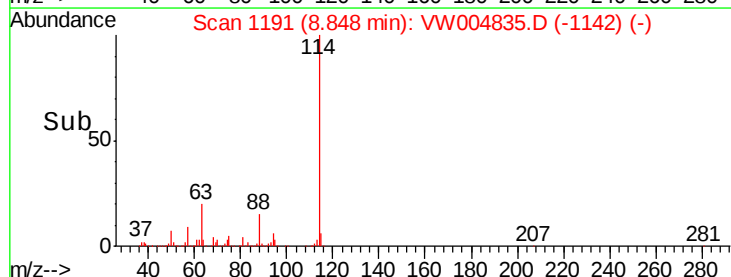
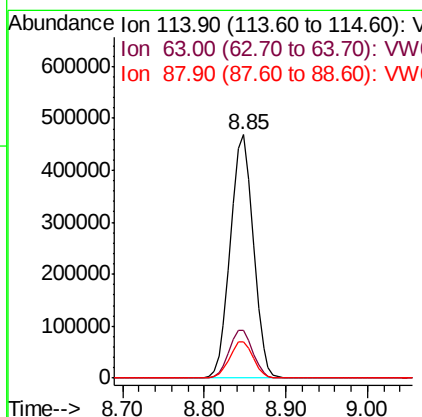
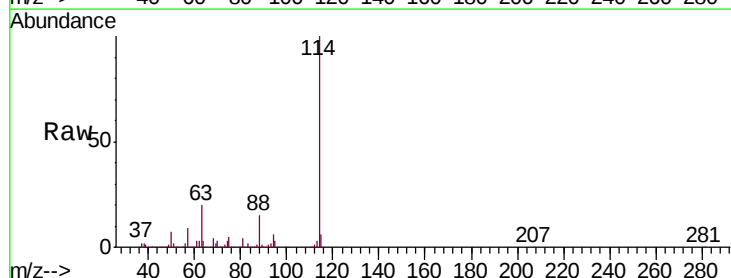
Instrument :
 MSVOA_W
 ClientSampled :
 VW0821SBS01

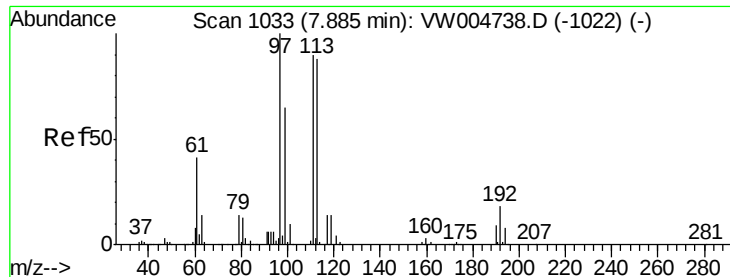
Tgt Ion: 65 Resp: 277193
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion: 114 Resp: 907702
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.687 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

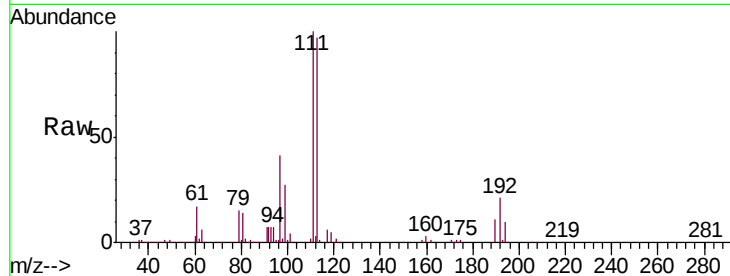
Tgt Ion:113 Resp: 288255

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

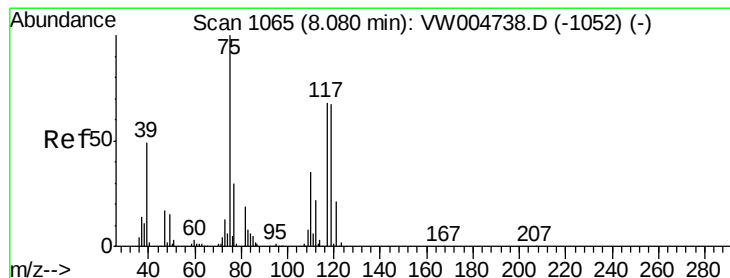
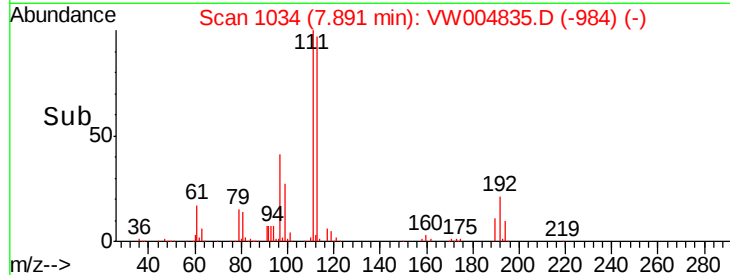
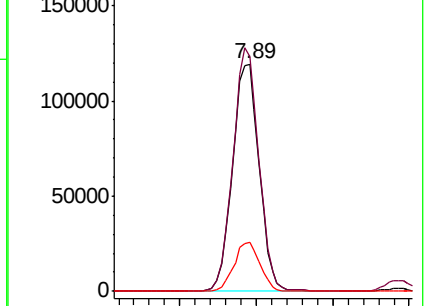
192 21.0 16.7 25.1



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: 22.190 ug/l

RT: 8.09 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

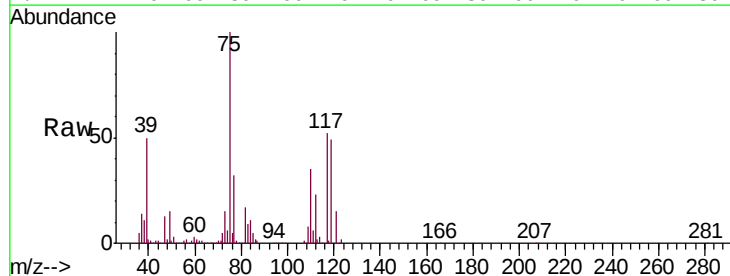
Tgt Ion: 75 Resp: 207493

Ion Ratio Lower Upper

75 100

110 35.4 17.8 53.5

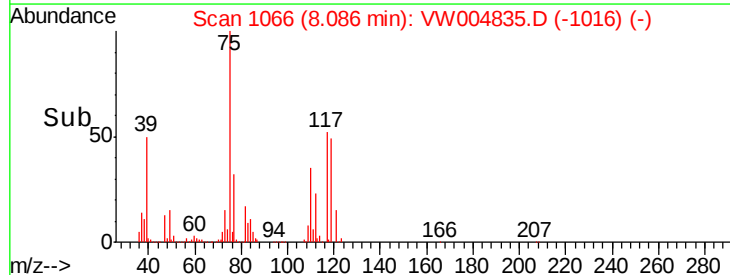
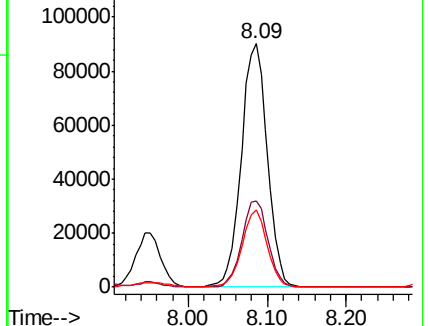
77 30.9 24.9 37.3

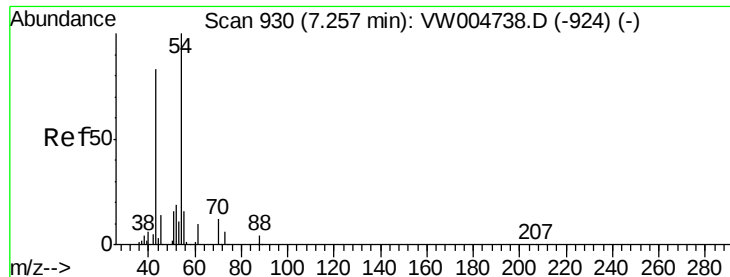


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

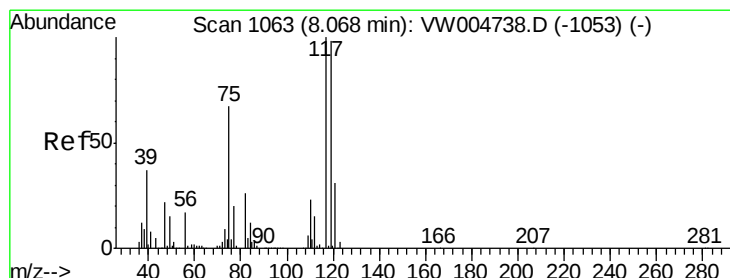
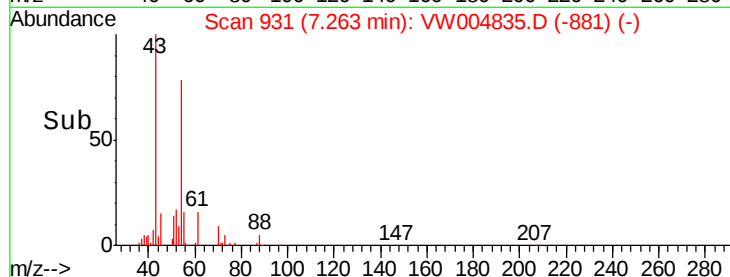
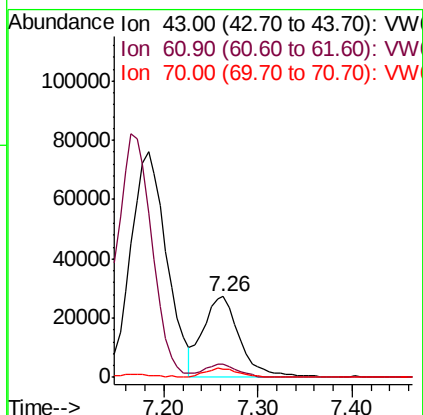
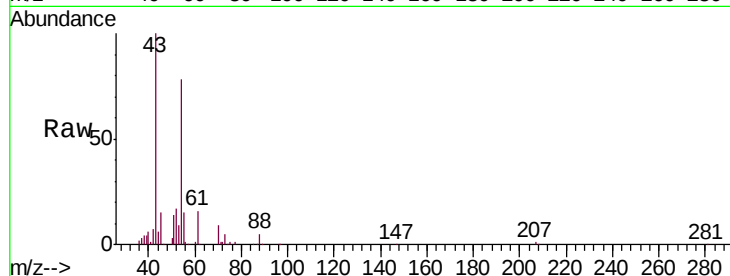




#37
 Ethyl Acetate
 Concen: 19.372 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

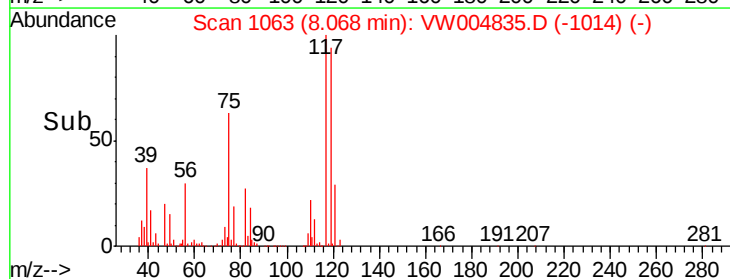
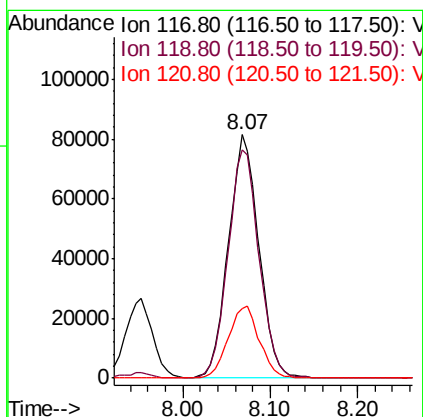
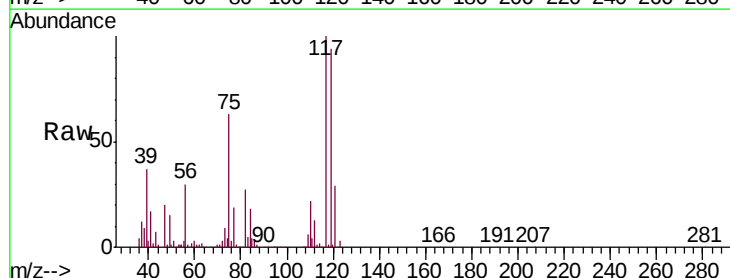
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

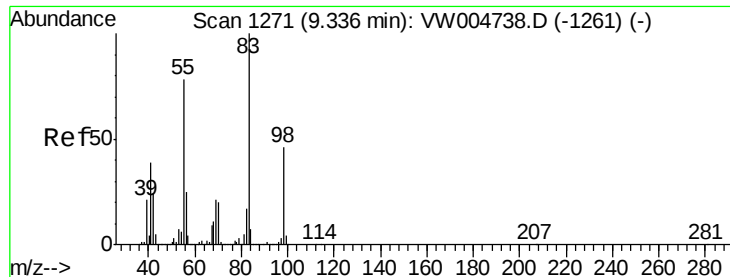
Tgt Ion: 43 Resp: 72210
 Ion Ratio Lower Upper
 43 100
 61 15.3 11.6 17.4
 70 10.5 9.2 13.8



#38
 Carbon Tetrachloride
 Concen: 22.818 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion: 117 Resp: 196407
 Ion Ratio Lower Upper
 117 100
 119 93.6 78.0 117.0
 121 28.6 24.8 37.2

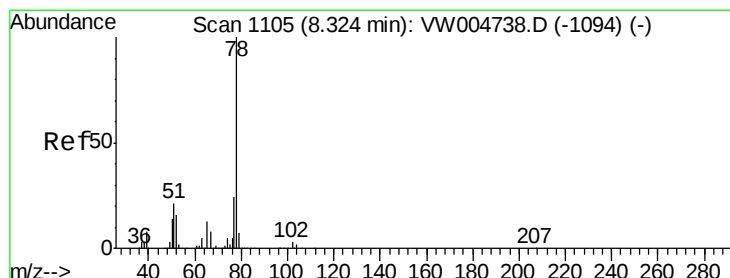
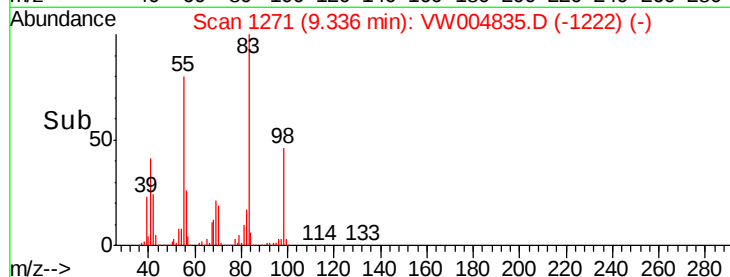
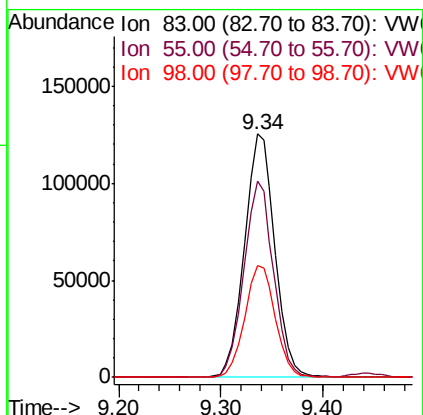
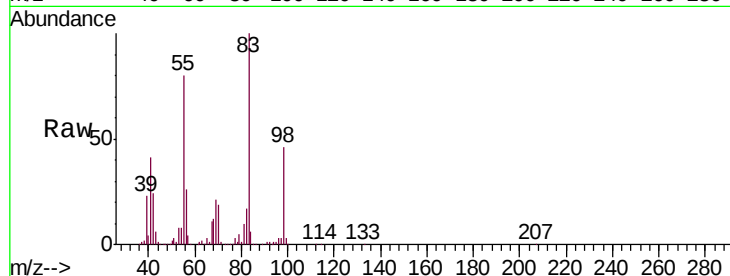




#39
Methylcyclohexane
Concen: 22.167 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

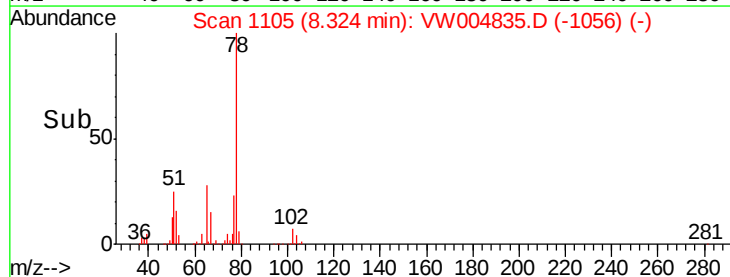
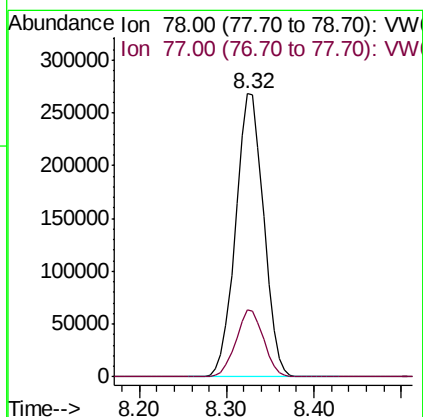
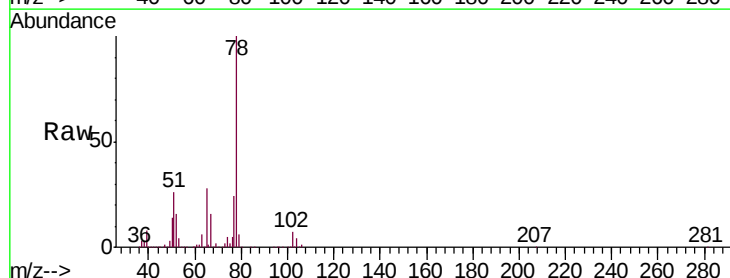
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

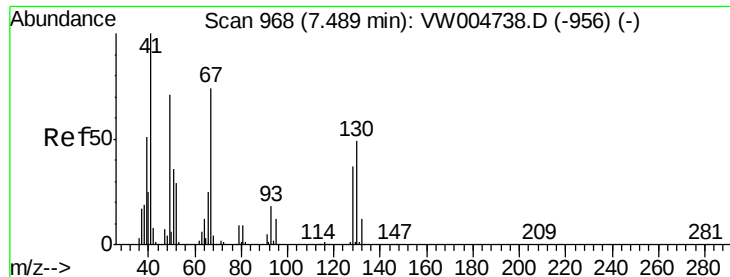
Tgt Ion: 83 Resp: 259222
Ion Ratio Lower Upper
83 100
55 80.3 62.4 93.6
98 45.8 36.5 54.7



#40
Benzene
Concen: 22.011 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion: 78 Resp: 598167
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6

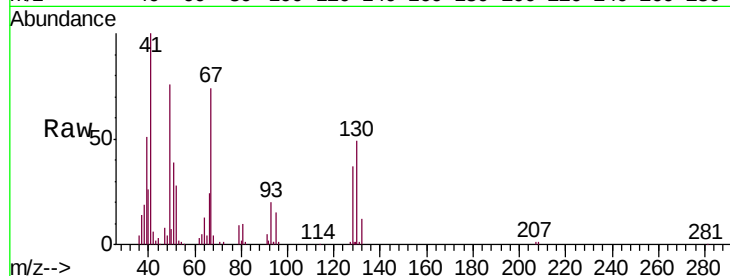




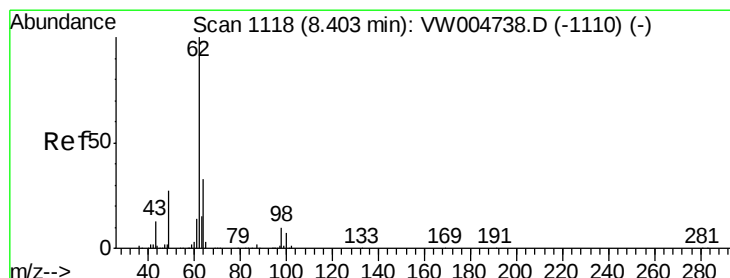
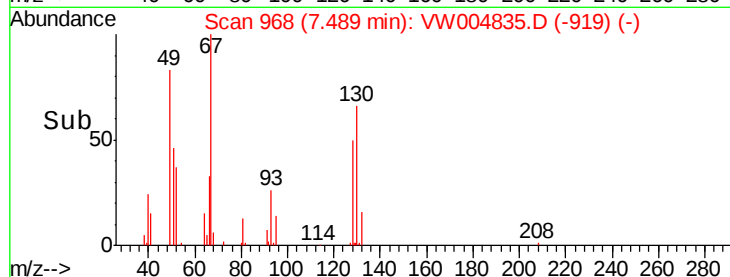
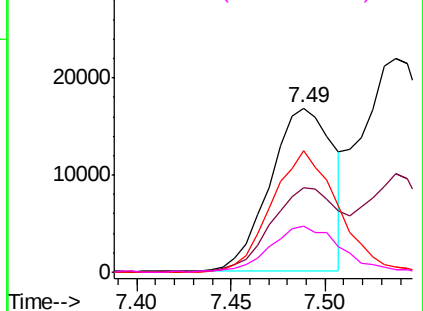
#41
Methacrylonitrile
Concen: 18.586 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tgt Ion:	41	Resp:	39318
Ion	Ratio	Lower	Upper
41	100		
39	57.2	41.0	61.4
67	78.9	59.5	89.3
52	31.9	23.6	35.4

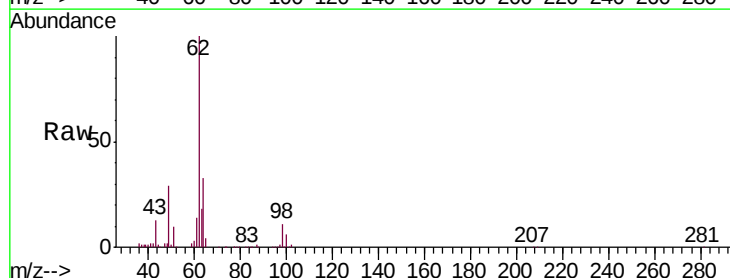


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

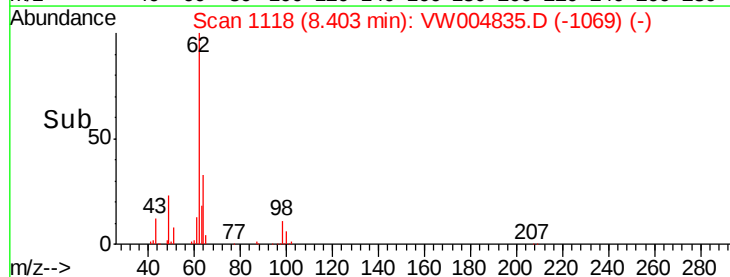
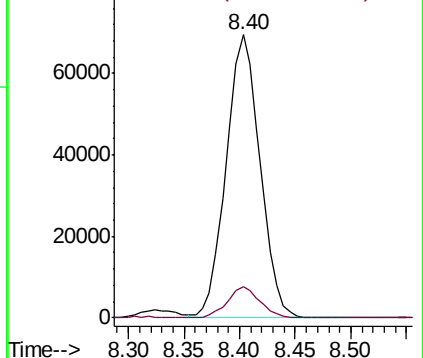


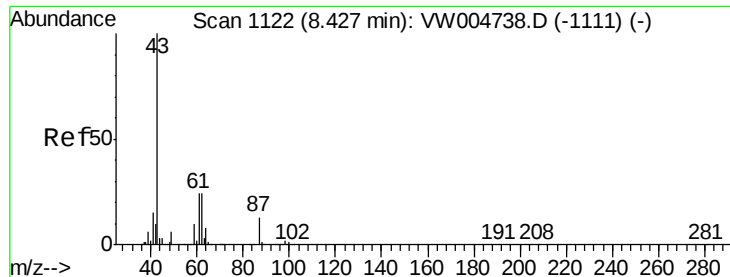
#42
1,2-Dichloroethane
Concen: 21.014 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion:	62	Resp:	146440
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 19.164 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

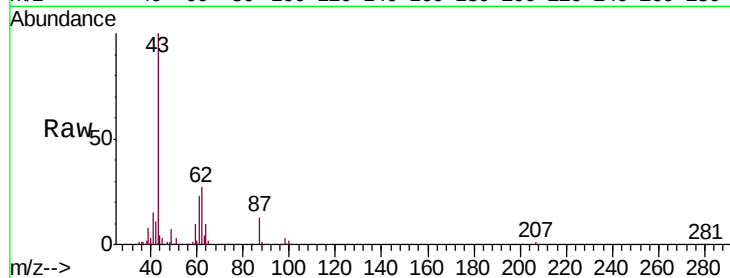
Tgt Ion: 43 Resp: 128312

Ion Ratio Lower Upper

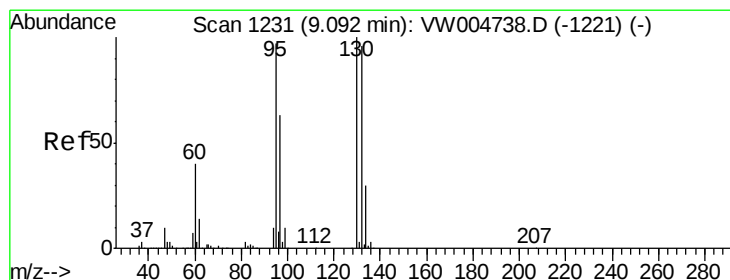
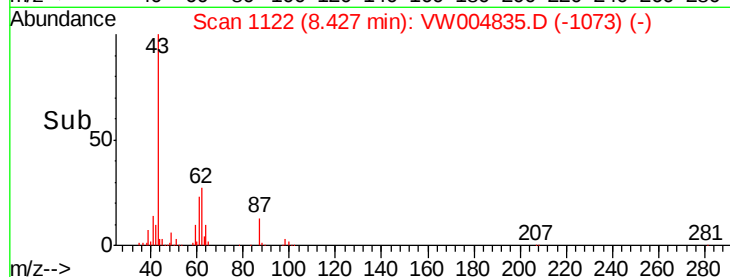
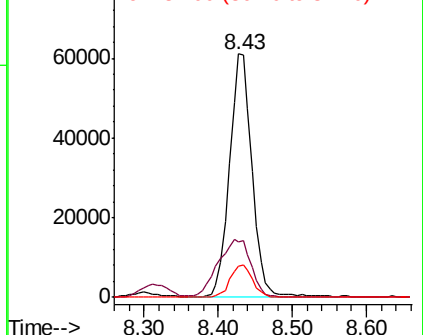
43 100

61 34.6 26.2 39.4

87 13.2 10.9 16.3



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: 21.552 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW004835.D

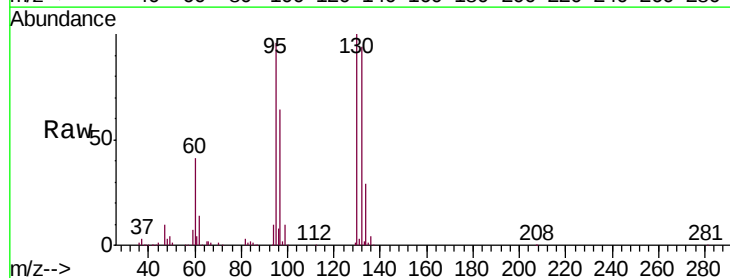
Acq: 21 Aug 2018 12:36

Tgt Ion: 130 Resp: 148674

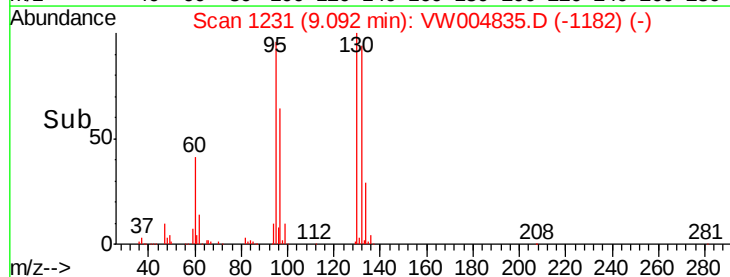
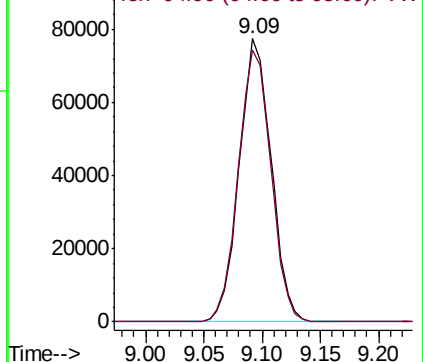
Ion Ratio Lower Upper

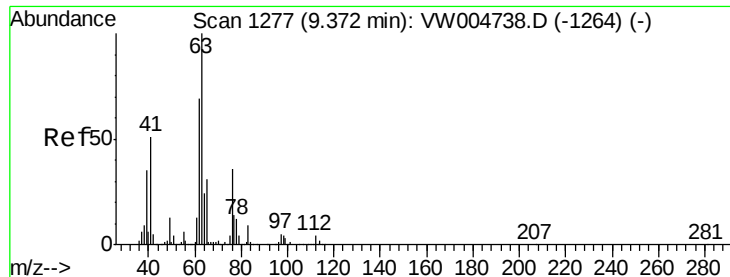
130 100

95 96.3 0.0 194.4



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

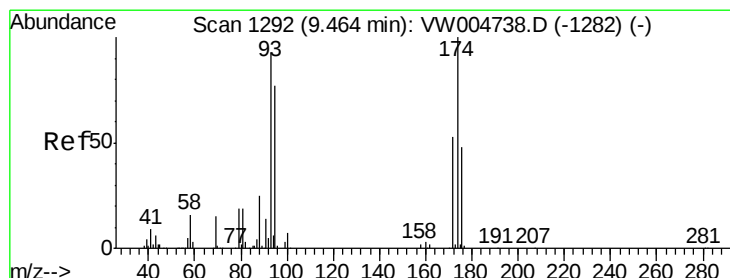
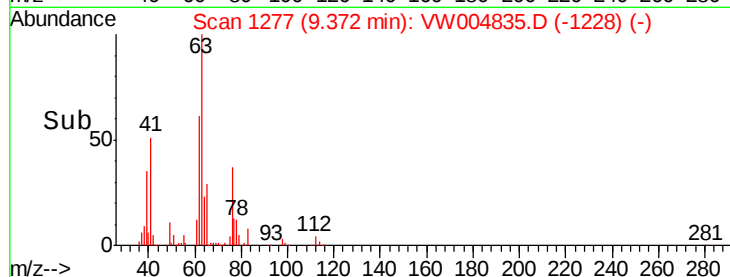
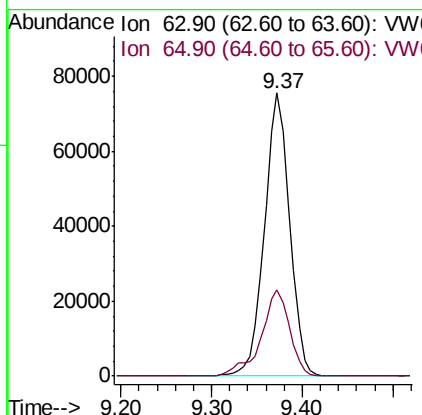
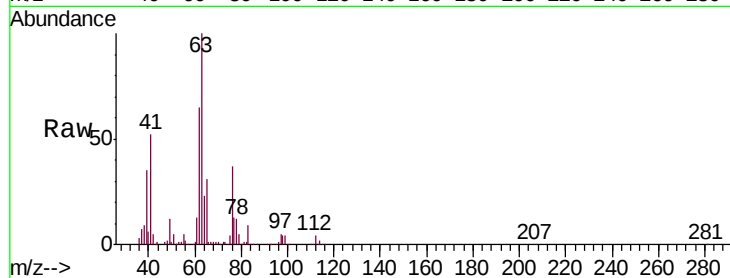




#45
 1,2-Dichloropropane
 Concen: 21.838 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

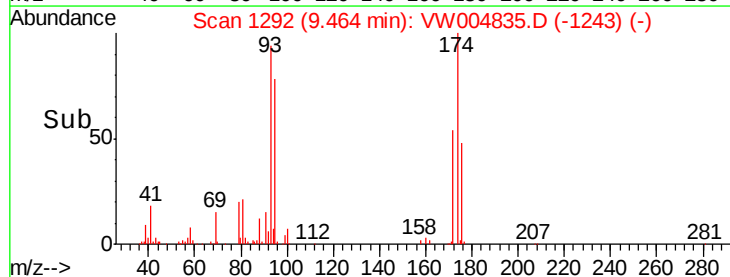
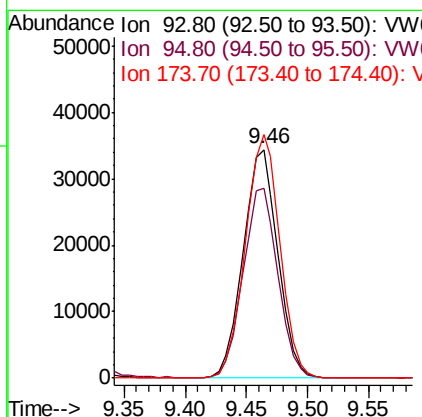
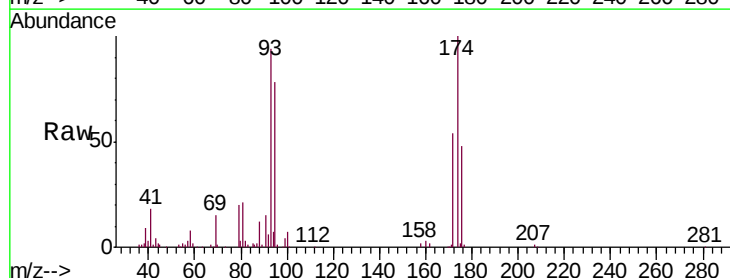
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

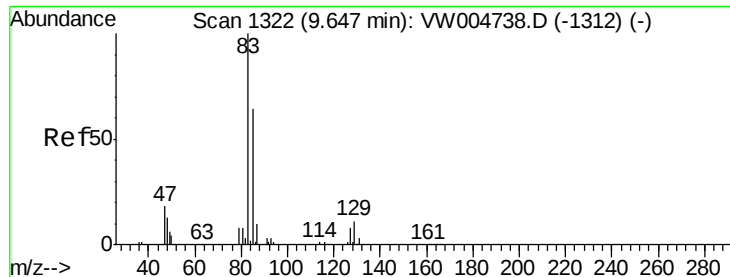
Tgt Ion: 63 Resp: 145168
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.6 37.0



#46
 Dibromomethane
 Concen: 20.609 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion: 93 Resp: 67869
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.6 99.8
 174 106.1 85.3 127.9





#47

Bromodichloromethane

Concen: 21.074 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

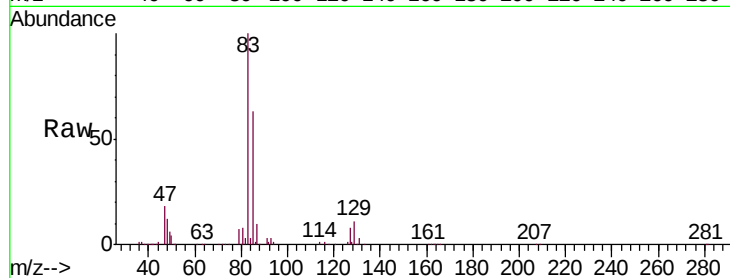
Tgt Ion: 83 Resp: 165743

Ion Ratio Lower Upper

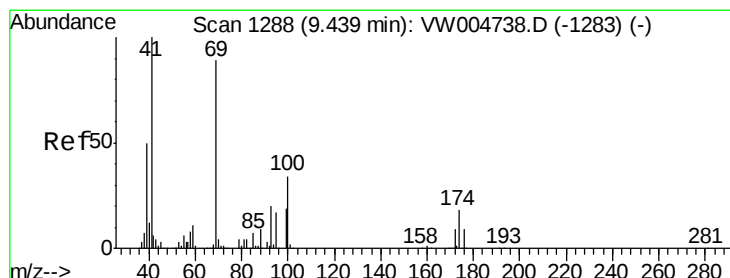
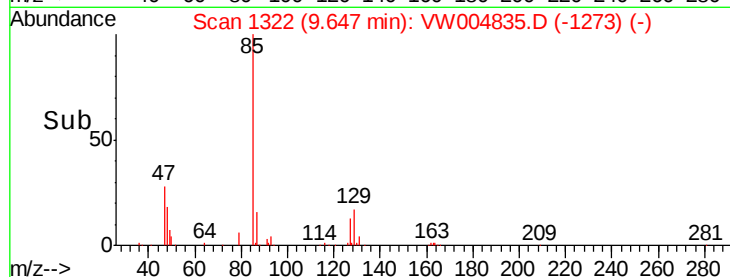
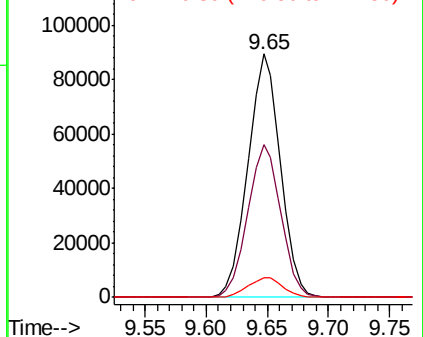
83 100

85 62.7 51.2 76.8

127 8.2 6.7 10.1



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



#48

Methyl methacrylate

Concen: 19.256 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

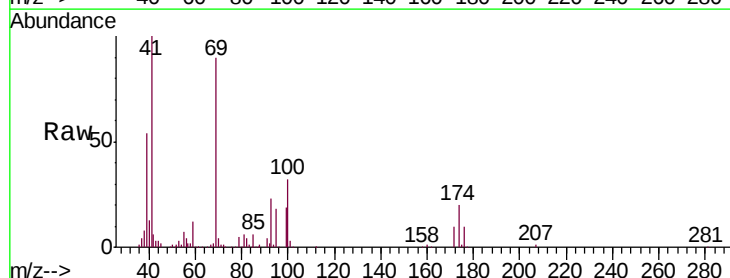
Tgt Ion: 41 Resp: 60497

Ion Ratio Lower Upper

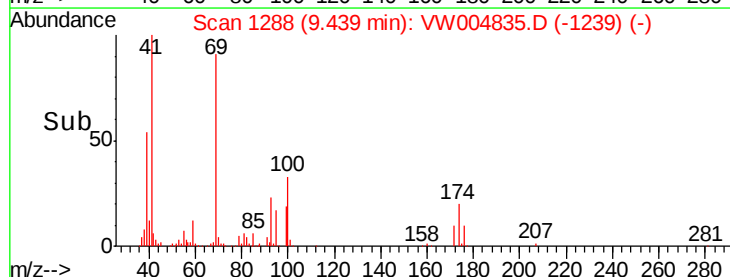
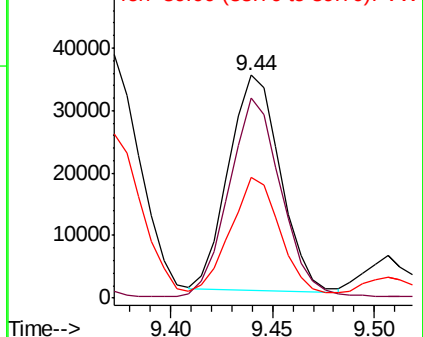
41 100

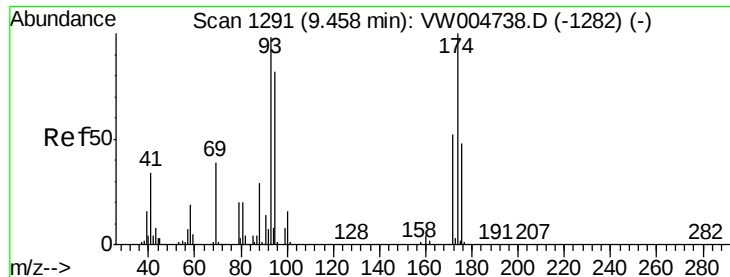
69 95.5 75.2 112.8

39 51.1 39.8 59.6



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

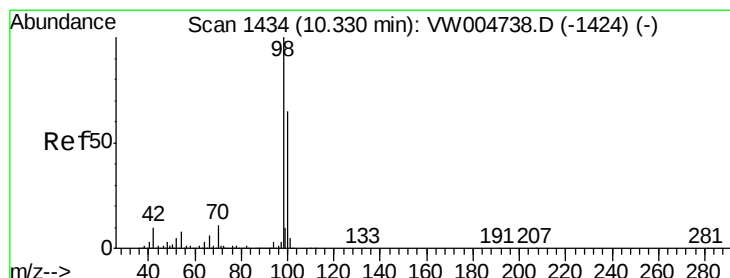
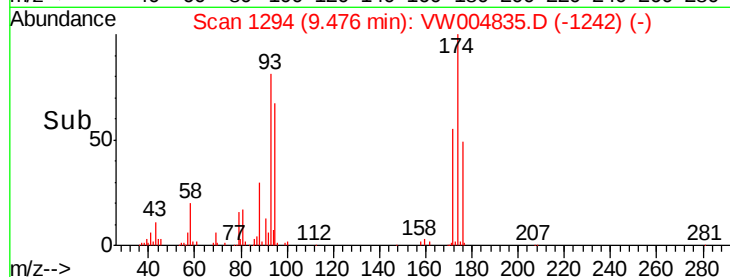
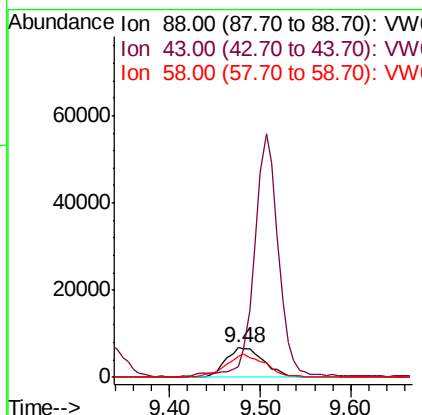
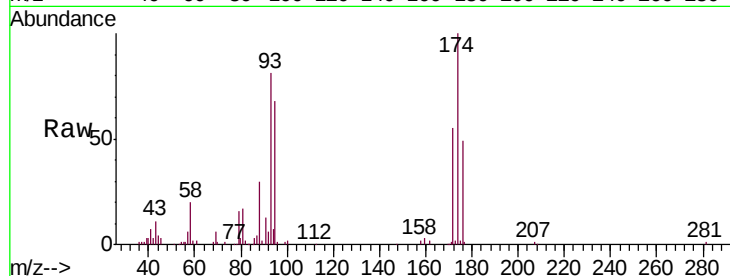




#49
1,4-Dioxane
Concen: 418.385 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.02 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

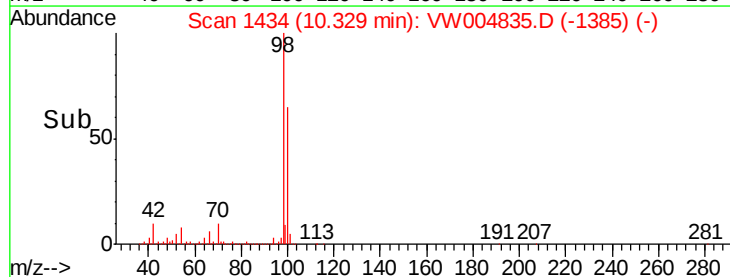
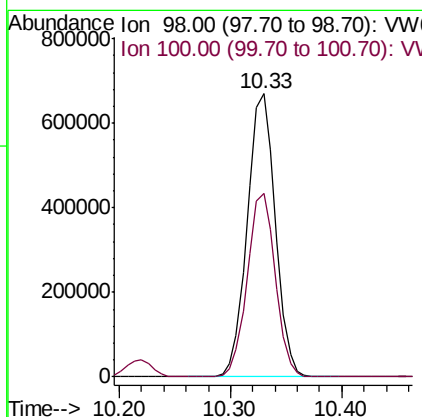
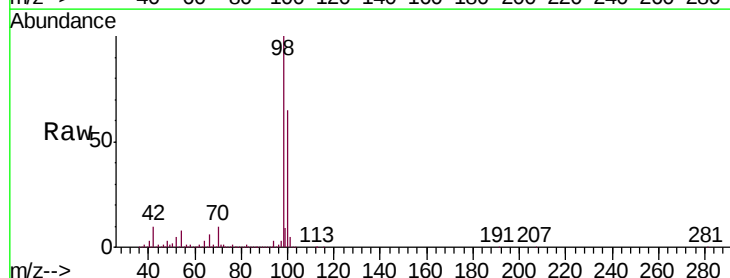
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

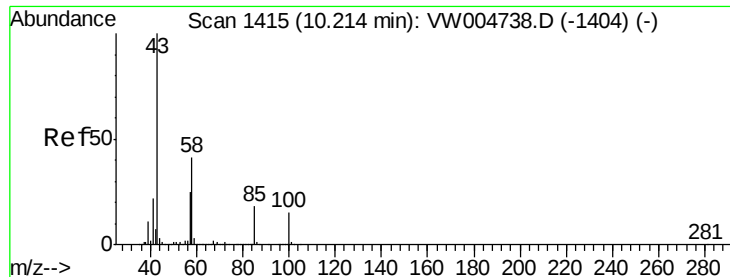
Tgt Ion: 88 Resp: 20130
Ion Ratio Lower Upper
88 100
43 0.0 22.9 34.3#
58 80.2 60.0 90.0



#50
Toluene-d8
Concen: 51.958 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion: 98 Resp: 1176670
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.8

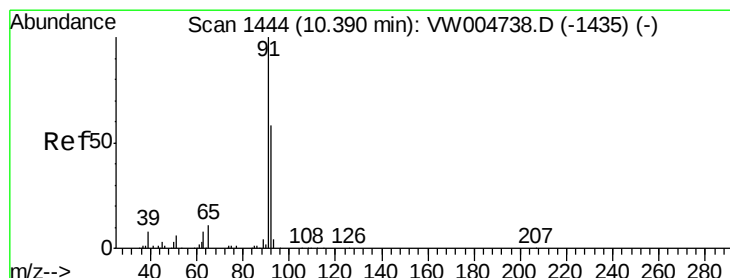
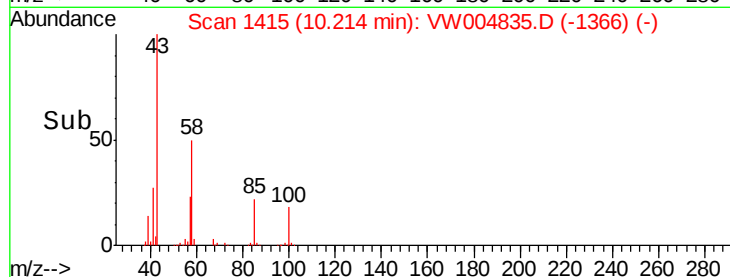
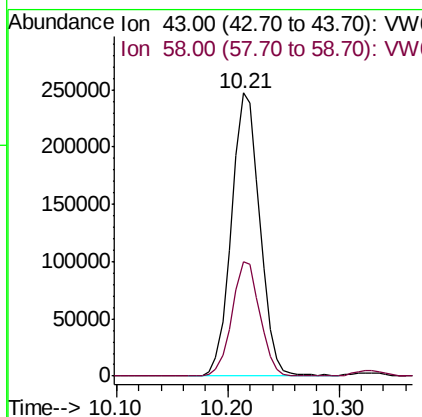
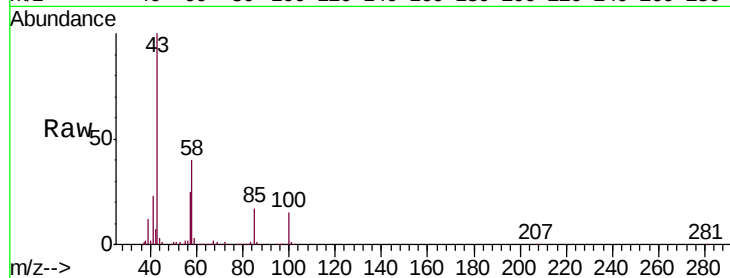




#51
 4-Methyl-2-Pentanone
 Concen: 96.103 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

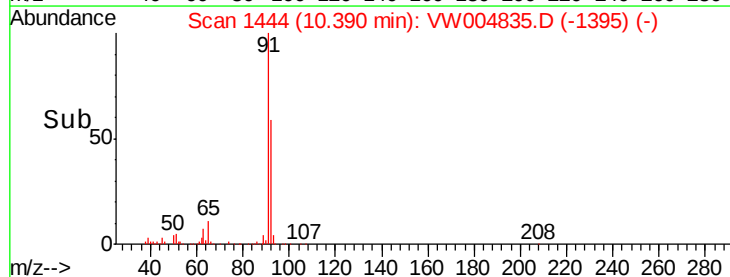
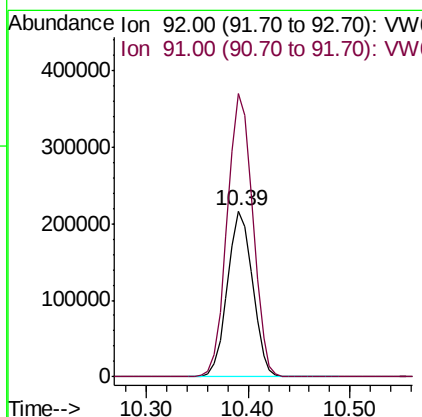
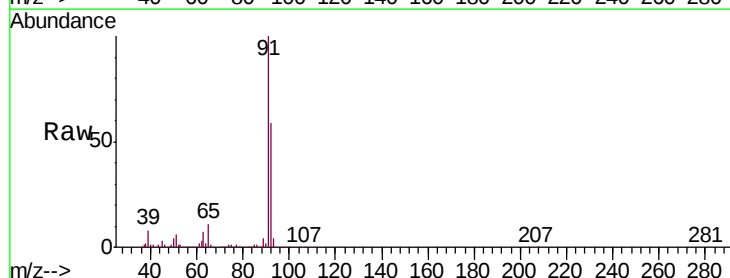
Instrument :
 MSVOA_W
 ClientSampled :
 VW0821SBS01

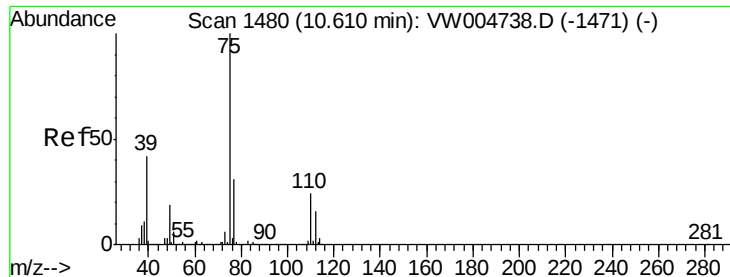
Tgt Ion: 43 Resp: 434879
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.7 49.1



#52
 Toluene
 Concen: 22.638 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion: 92 Resp: 368965
 Ion Ratio Lower Upper
 92 100
 91 173.7 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 20.770 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampled :

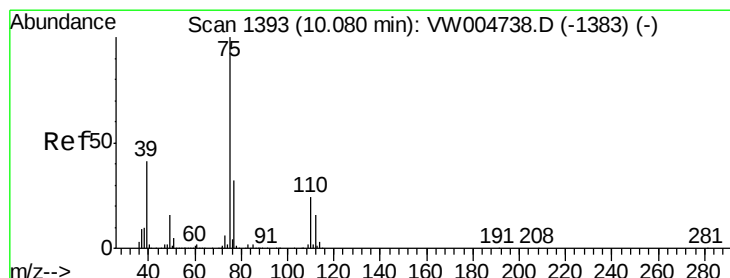
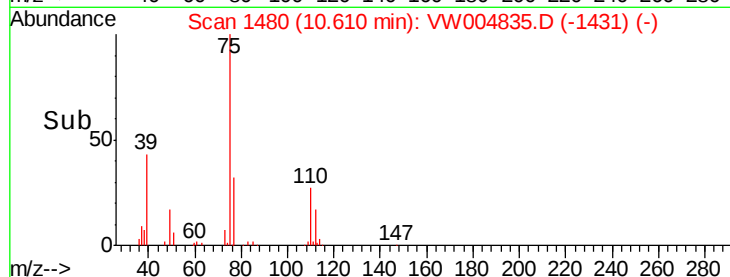
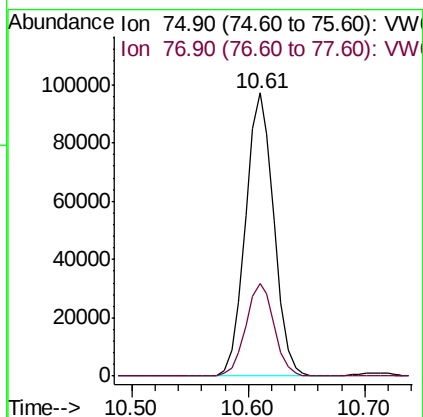
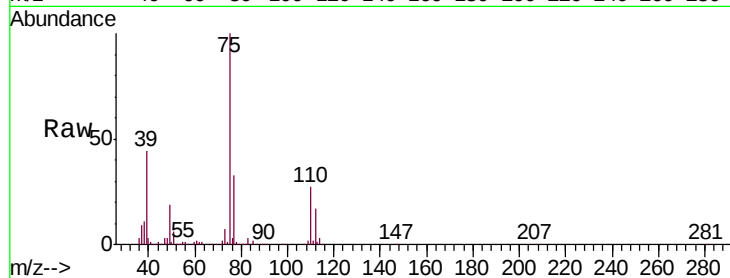
VW0821SBS01

Tgt Ion: 75 Resp: 164580

Ion Ratio Lower Upper

75 100

77 32.7 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 21.160 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

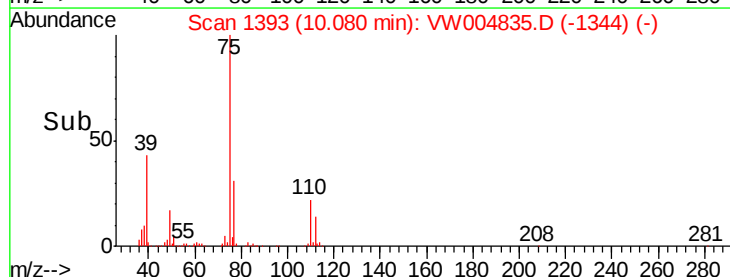
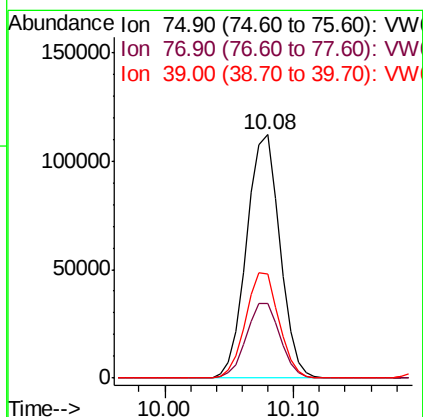
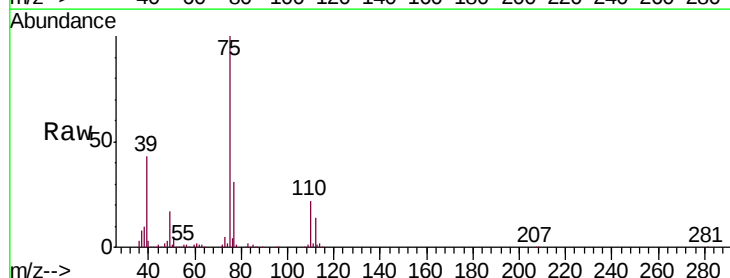
Tgt Ion: 75 Resp: 199890

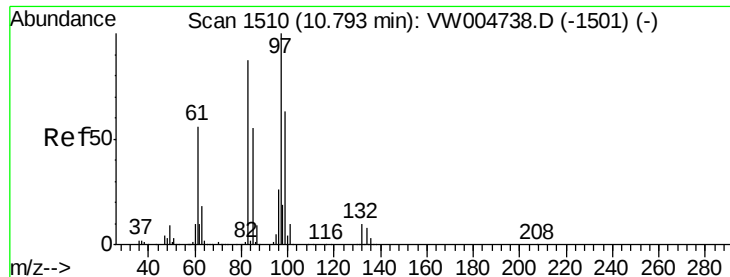
Ion Ratio Lower Upper

75 100

77 30.8 25.6 38.4

39 42.6 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 21.098 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

Tgt Ion: 97 Resp: 98763

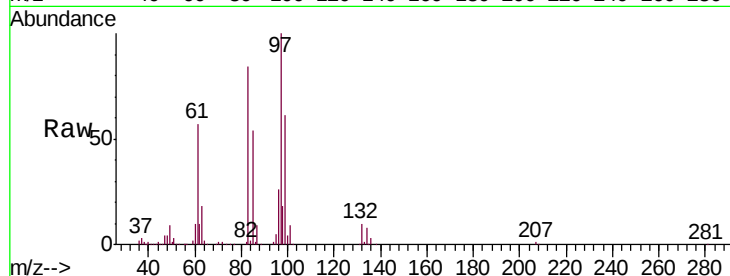
Ion Ratio Lower Upper

97 100

83 83.8 69.4 104.2

85 54.2 44.3 66.5

99 61.5 50.2 75.2

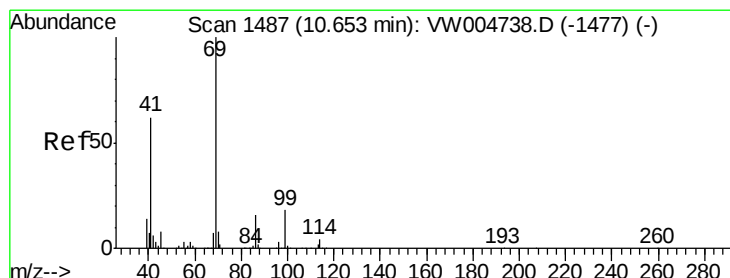
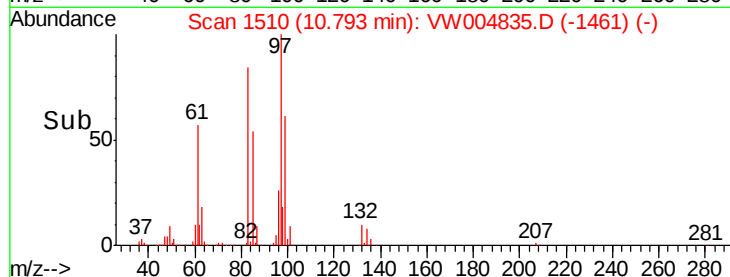
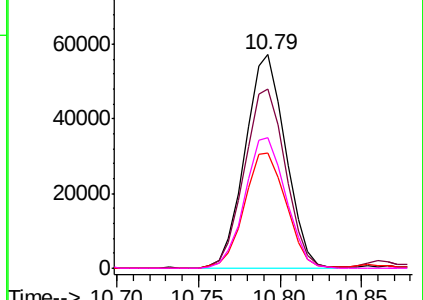


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 19.663 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

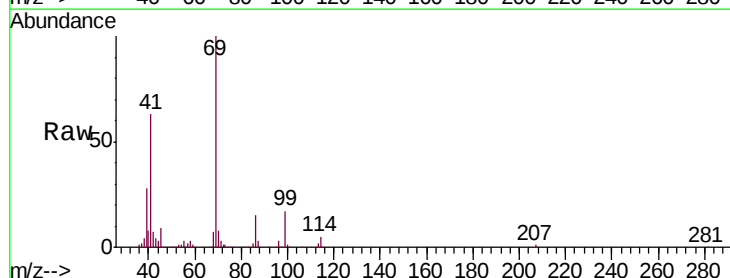
Tgt Ion: 69 Resp: 108490

Ion Ratio Lower Upper

69 100

41 62.7 50.7 76.1

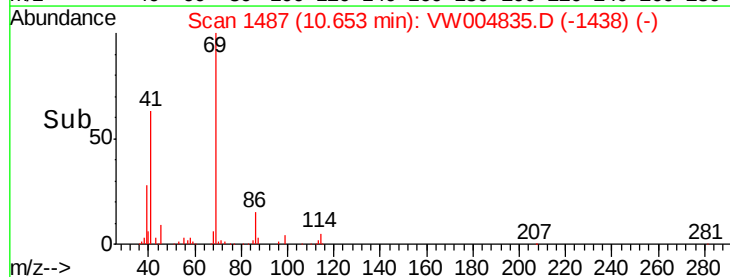
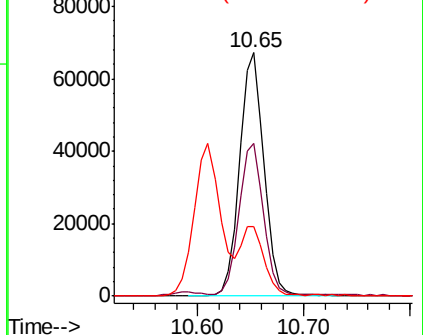
39 26.7 21.4 32.2

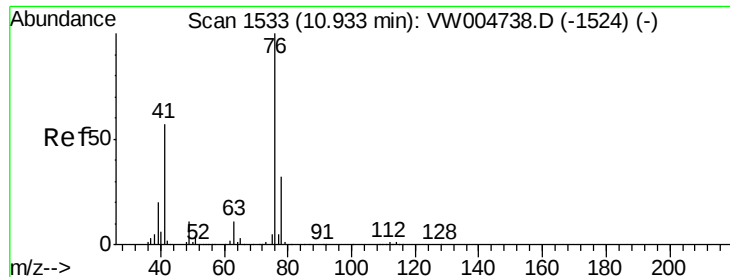


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

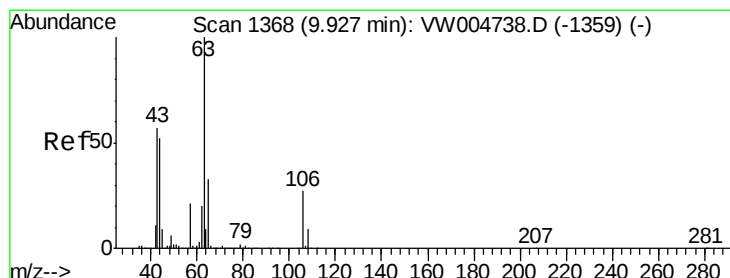
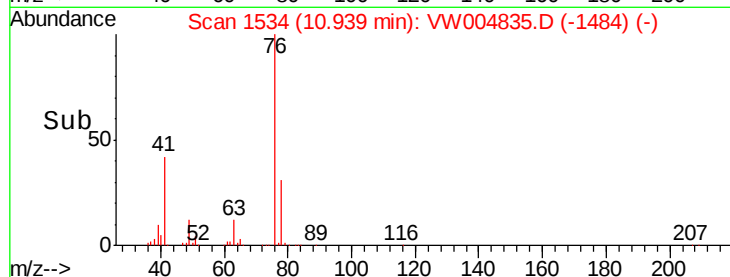
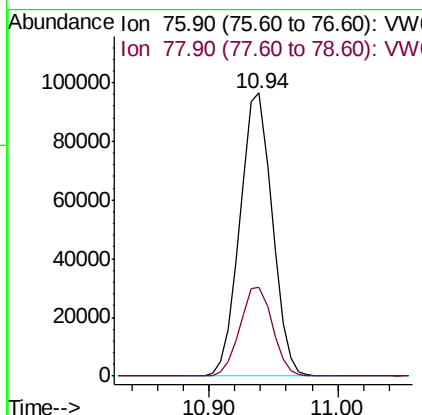
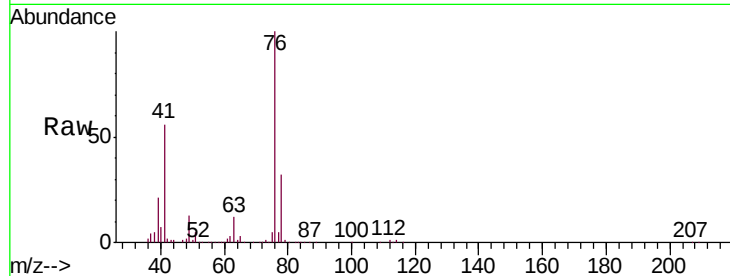




#57
 1,3-Dichloropropane
 Concen: 20.779 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

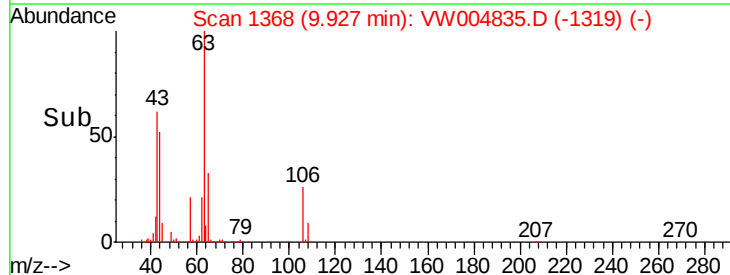
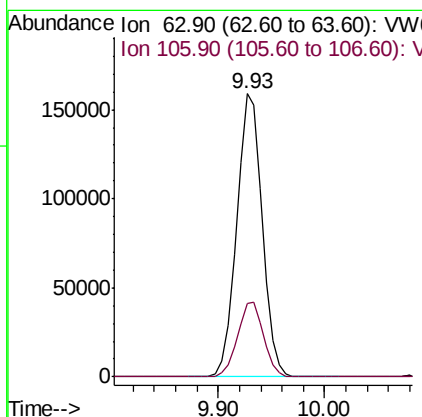
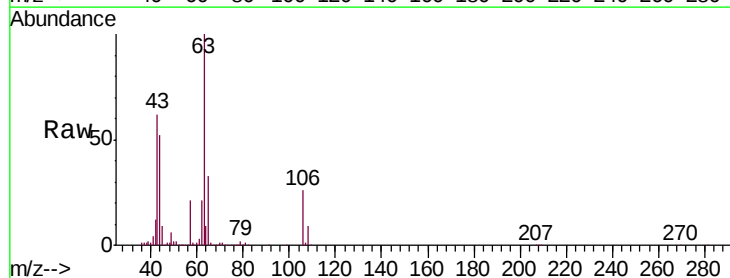
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

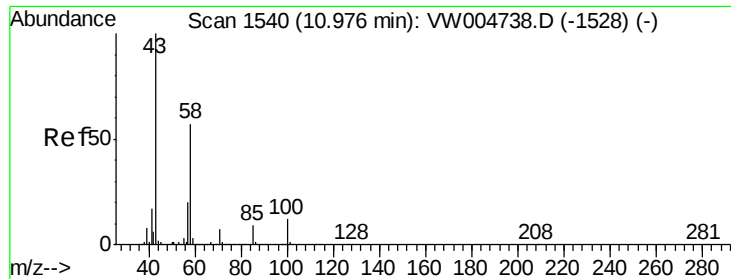
Tgt Ion: 76 Resp: 167905
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.579 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion: 63 Resp: 267777
 Ion Ratio Lower Upper
 63 100
 106 26.9 22.1 33.1

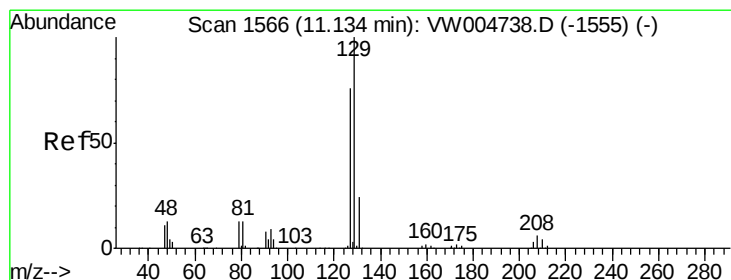
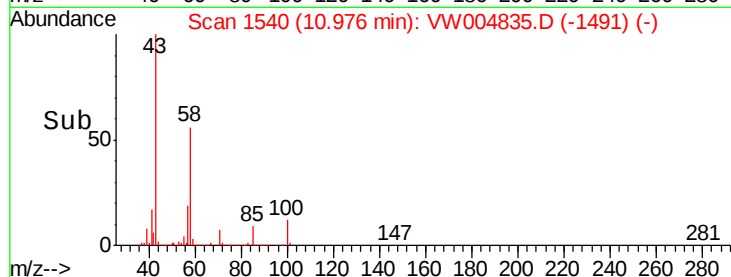
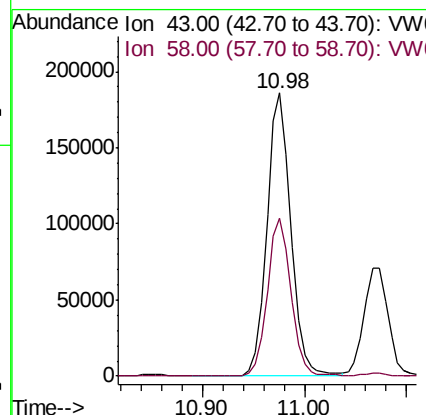
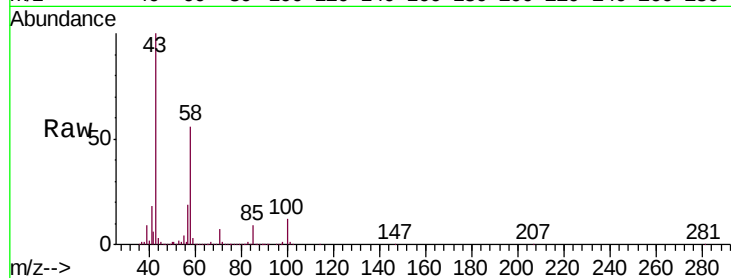




#59
2-Hexanone
Concen: 98.614 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

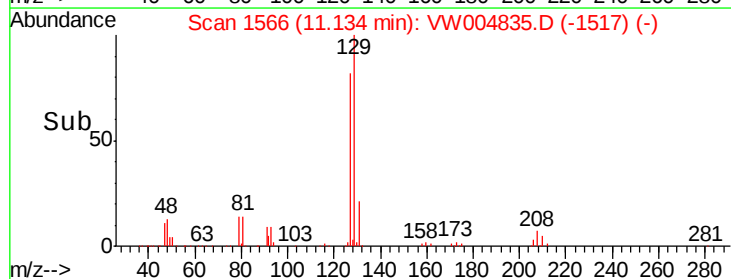
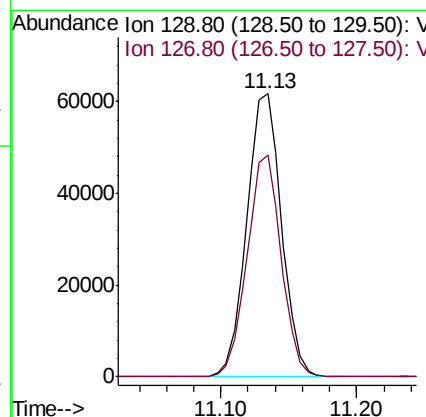
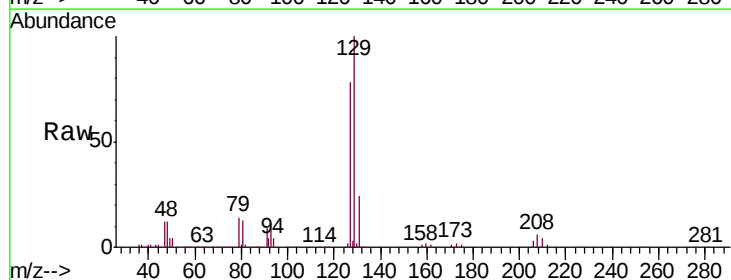
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

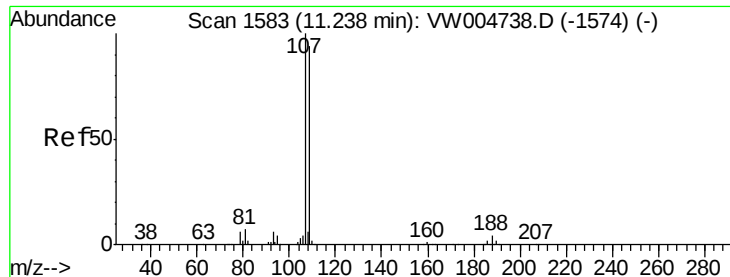
Tgt Ion: 43 Resp: 302359
Ion Ratio Lower Upper
43 100
58 55.3 28.1 84.4



#60
Dibromochloromethane
Concen: 20.989 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion: 129 Resp: 110235
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

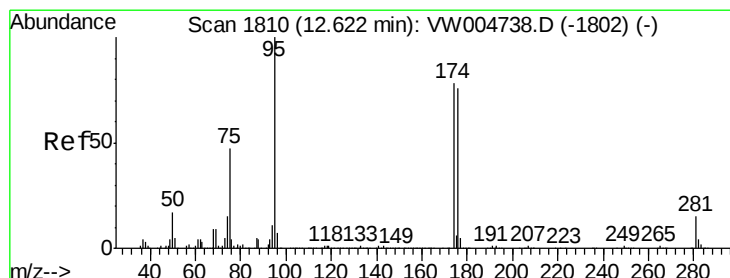
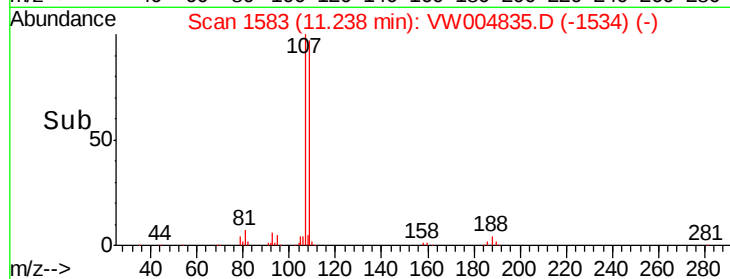
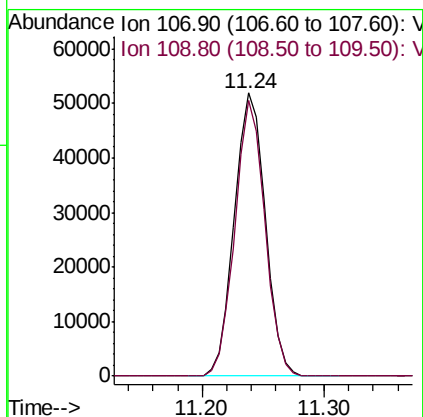
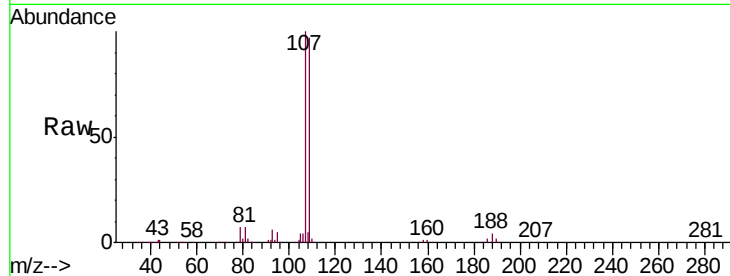




#61
 1,2-Dibromoethane
 Concen: 20.354 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

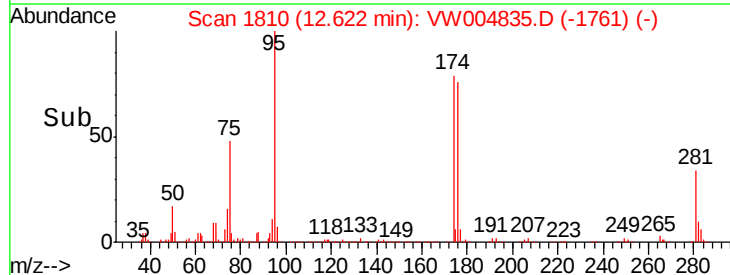
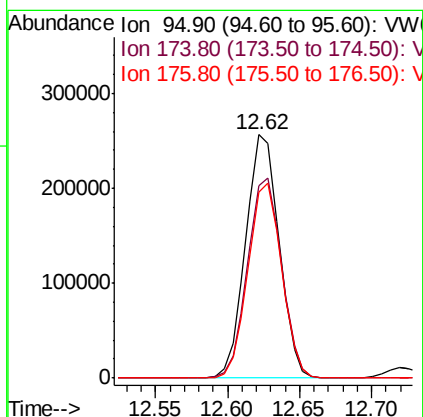
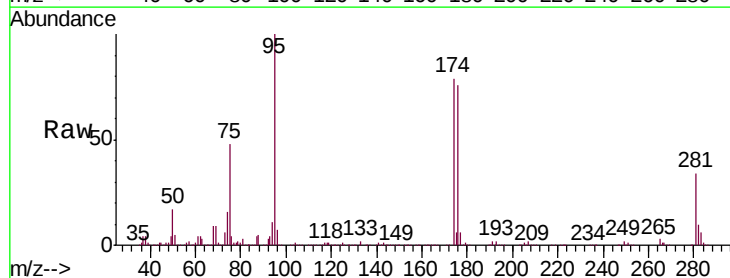
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

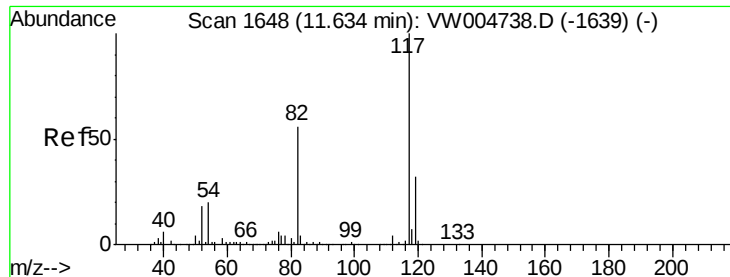
Tgt Ion: 107 Resp: 91077
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 50.708 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion: 95 Resp: 413133
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 165.8
 176 80.3 0.0 159.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

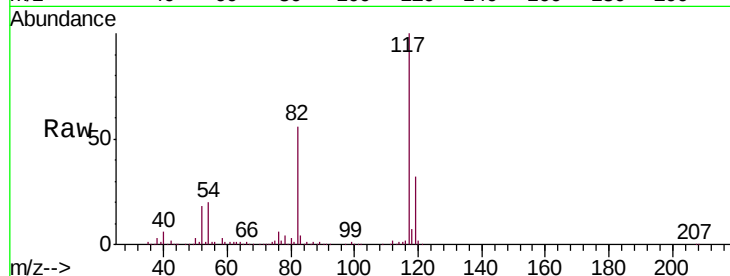
Tgt Ion:117 Resp: 853872

Ion Ratio Lower Upper

117 100

82 56.2 44.6 67.0

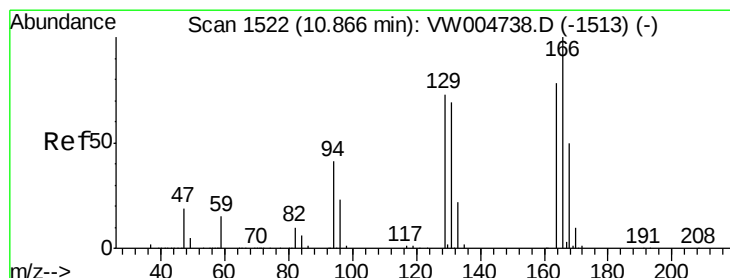
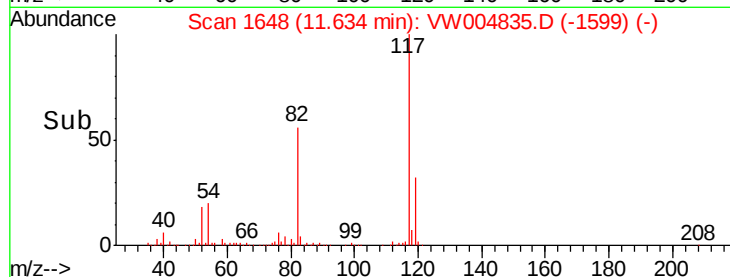
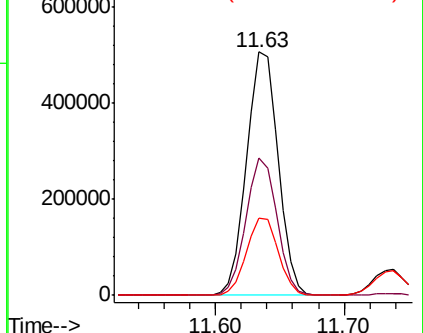
119 31.9 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 22.122 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Tgt Ion:164 Resp: 129092

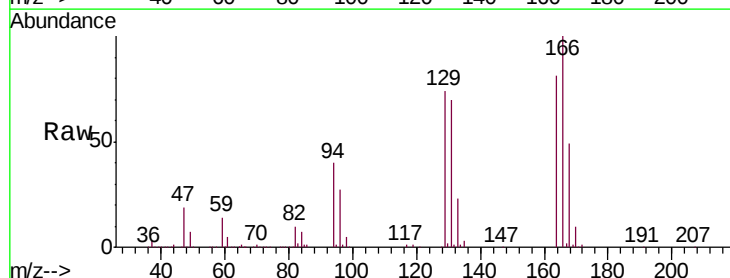
Ion Ratio Lower Upper

164 100

166 124.0 102.5 153.7

129 91.4 75.1 112.7

131 87.3 71.3 106.9

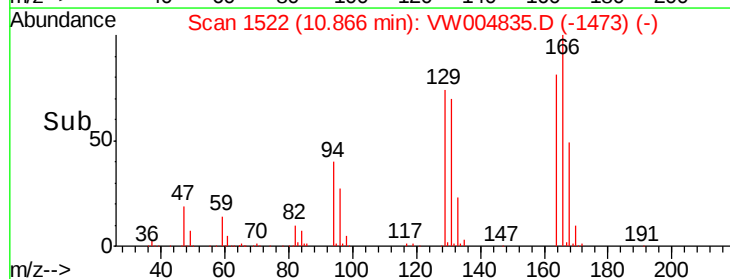
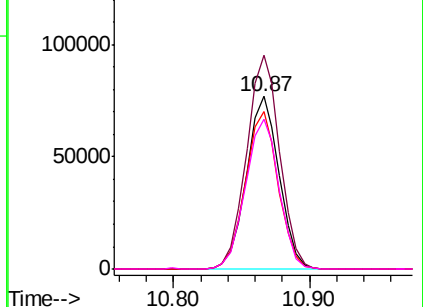


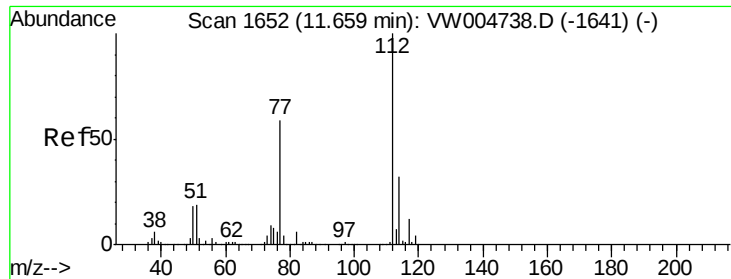
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

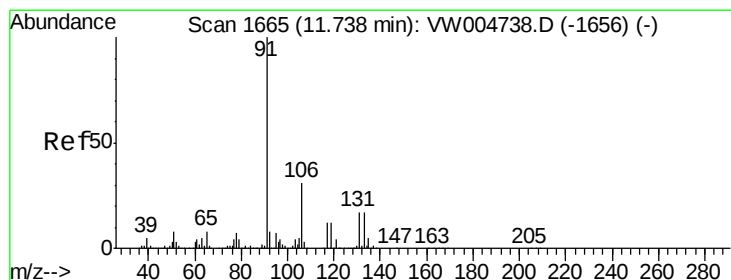
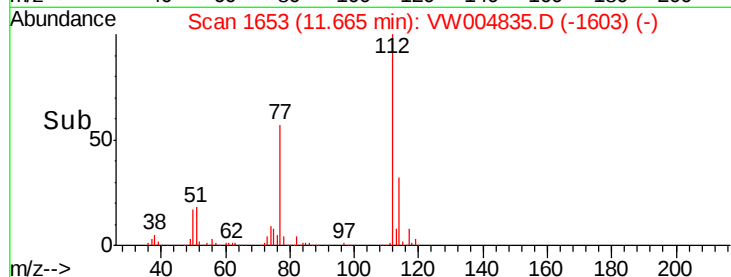
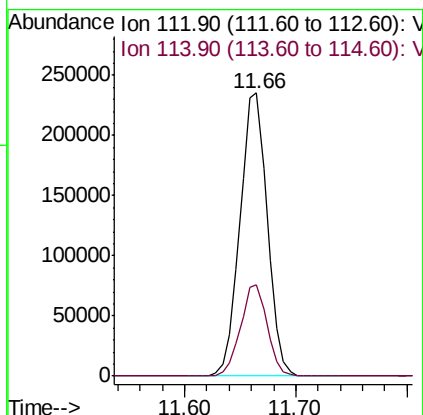
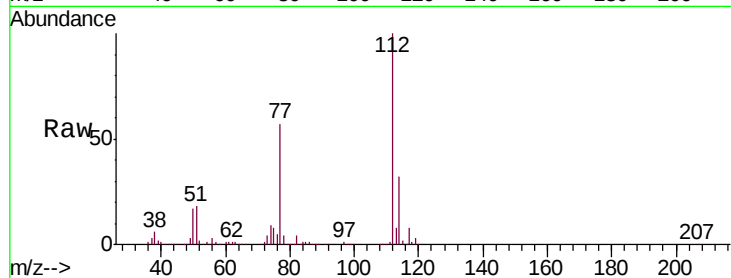




#65
Chlorobenzene
Concen: 21.720 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

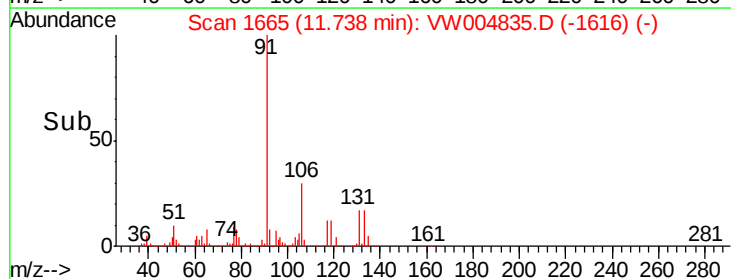
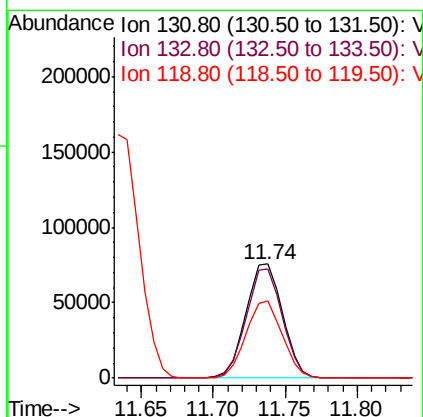
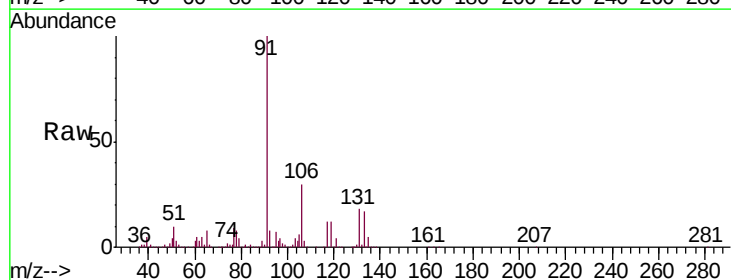
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

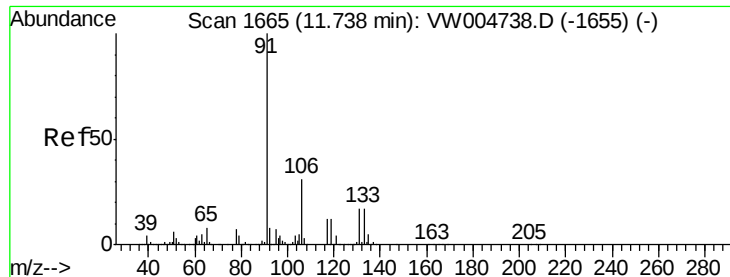
Tgt Ion:112 Resp: 399177
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.508 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion:131 Resp: 133464
Ion Ratio Lower Upper
131 100
133 94.1 48.2 144.6
119 66.8 34.0 102.0

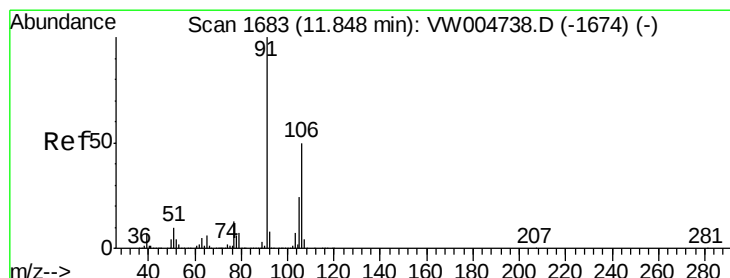
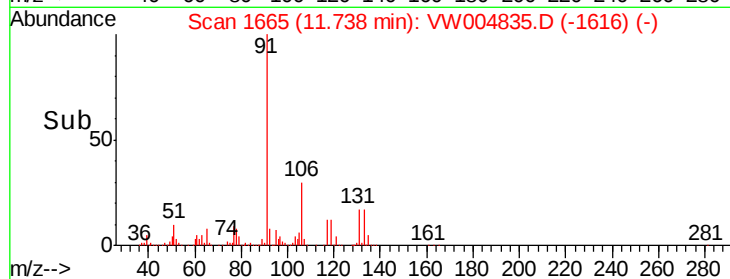
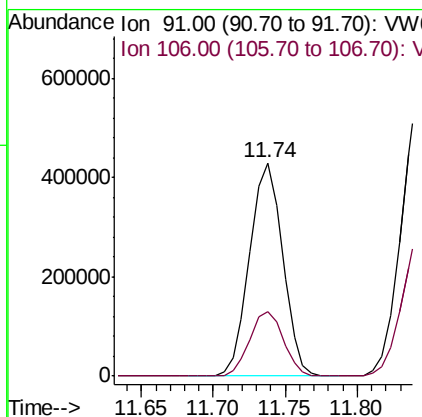
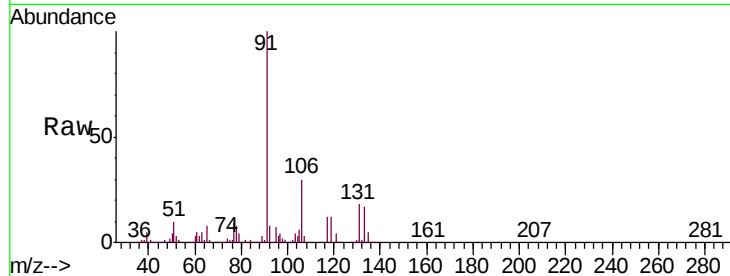




#67
Ethyl Benzene
Concen: 21.991 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

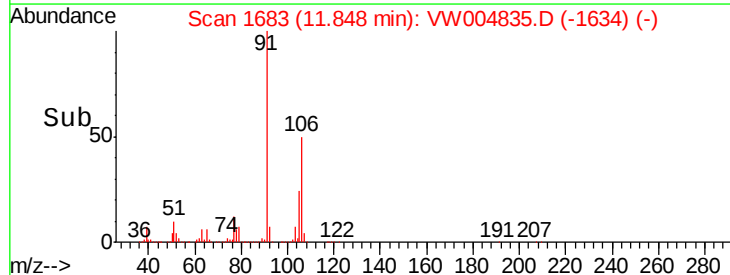
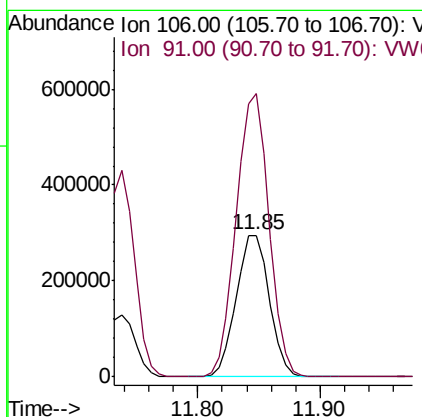
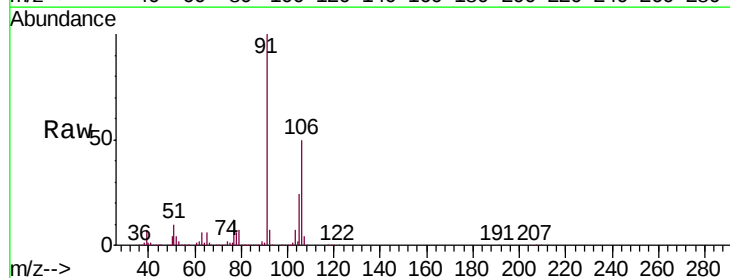
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

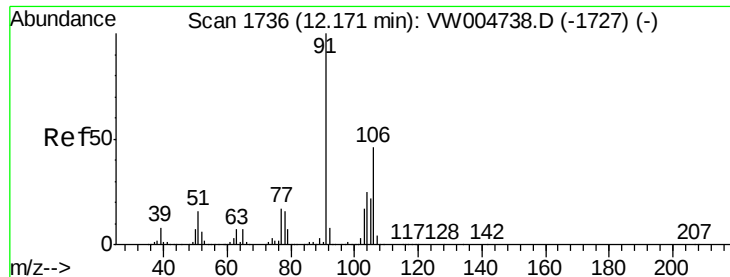
Tgt Ion: 91 Resp: 685160
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3



#68
m/p-Xylenes
Concen: 45.599 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion: 106 Resp: 552728
Ion Ratio Lower Upper
106 100
91 198.6 159.9 239.9

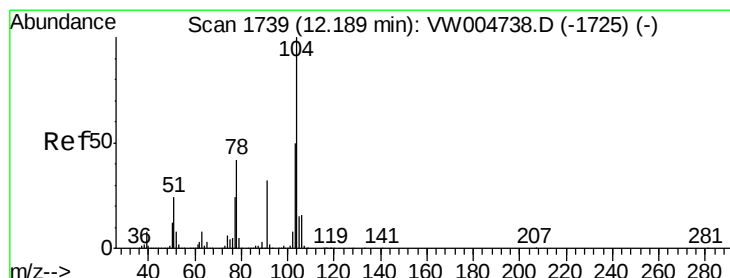
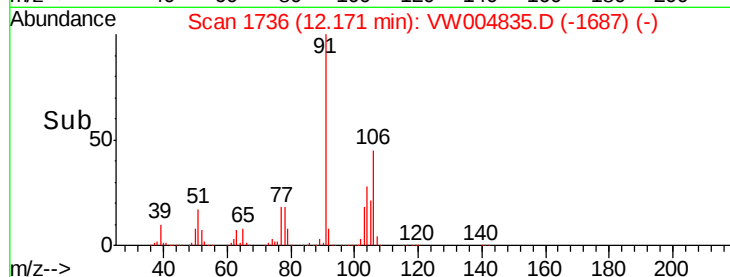
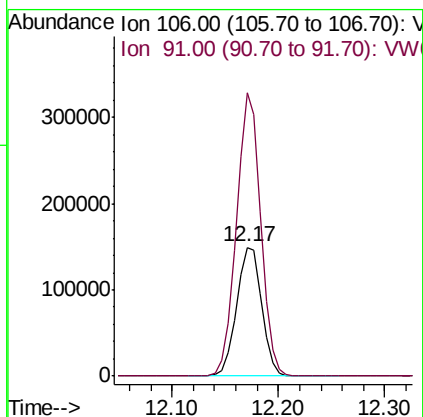
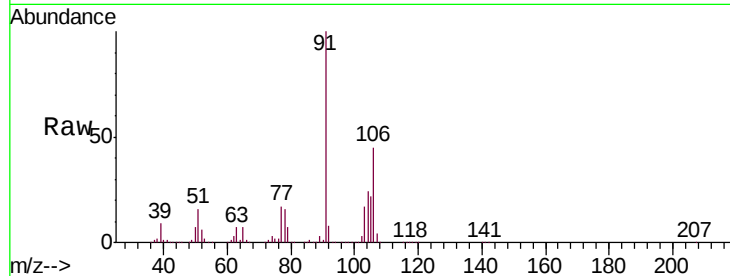




#69
o-Xylene
Concen: 22.037 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

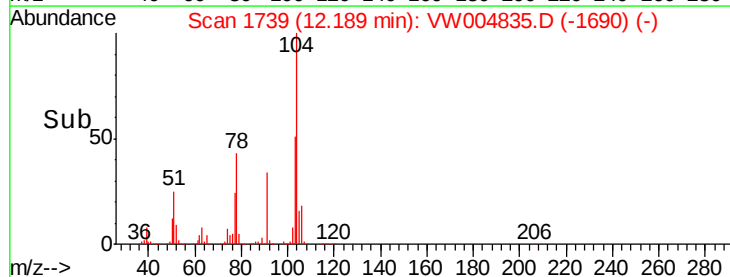
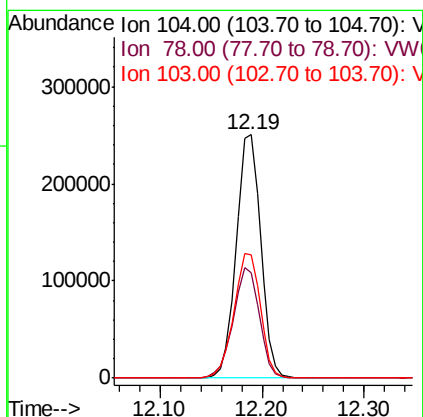
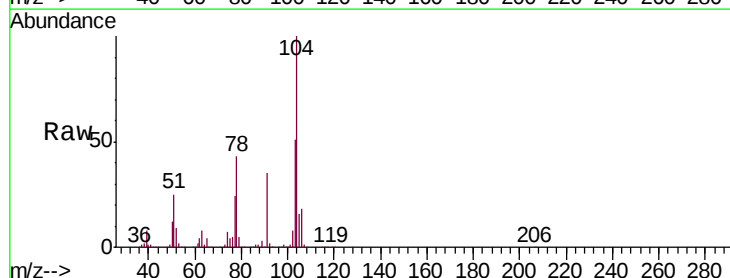
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

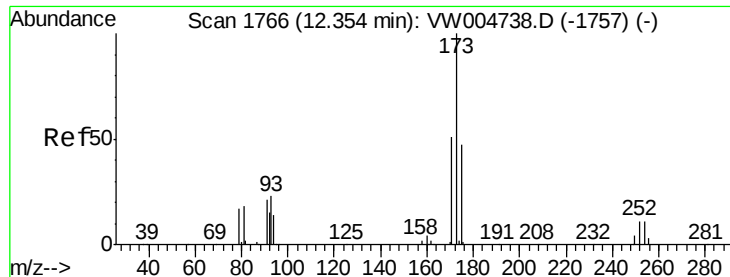
Tgt Ion:106 Resp: 247285
Ion Ratio Lower Upper
106 100
91 212.1 107.3 321.8



#70
Styrene
Concen: 22.007 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion:104 Resp: 414822
Ion Ratio Lower Upper
104 100
78 48.3 38.4 57.6
103 55.3 44.1 66.1

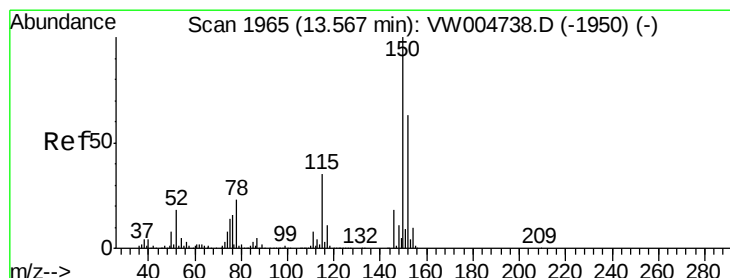
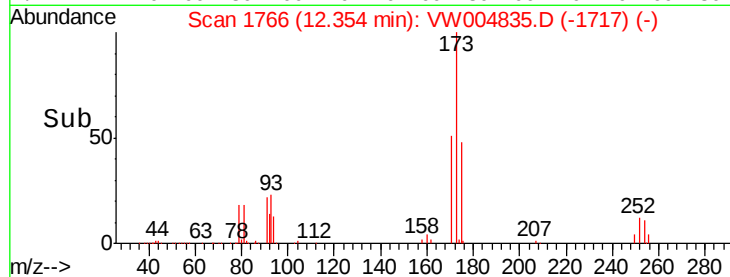
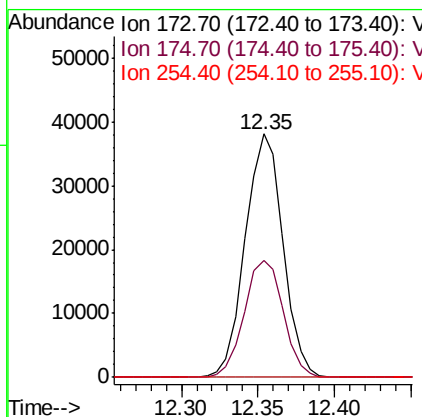
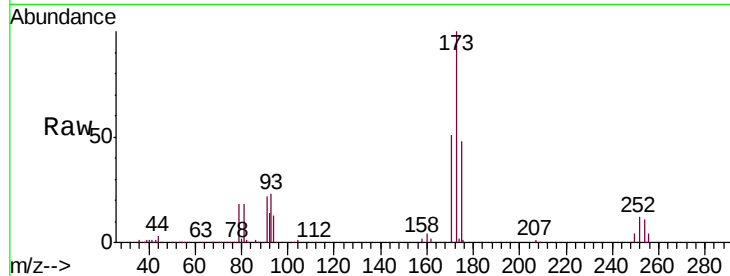




#71
 Bromoform
 Concen: 19.938 ug/l
 RT: 12.35 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

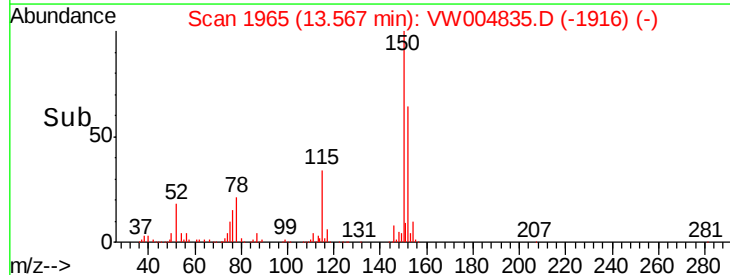
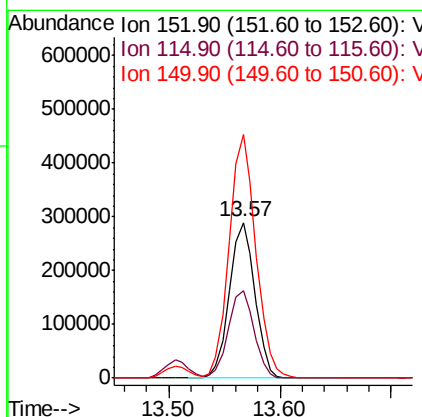
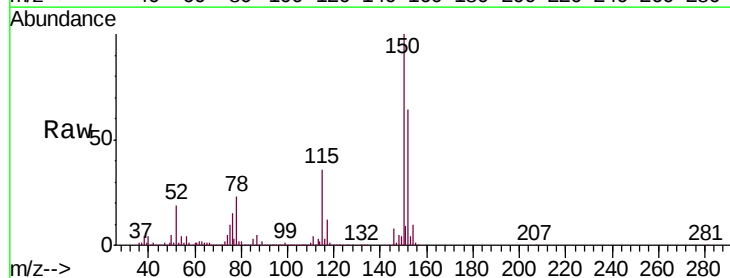
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

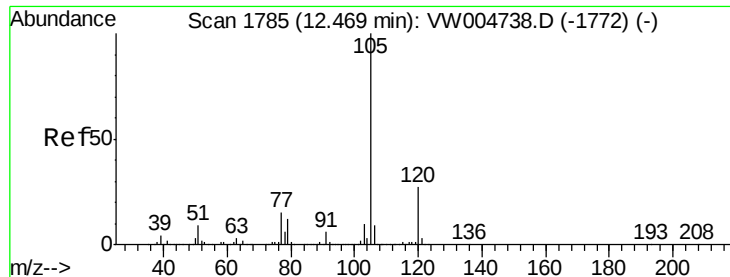
Tgt Ion:173 Resp: 65304
 Ion Ratio Lower Upper
 173 100
 175 49.6 23.8 71.4
 254 0.2 0.1 0.1#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion:152 Resp: 457077
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.5 85.5
 150 163.9 0.0 344.8





#73

Isopropylbenzene

Concen: 22.354 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

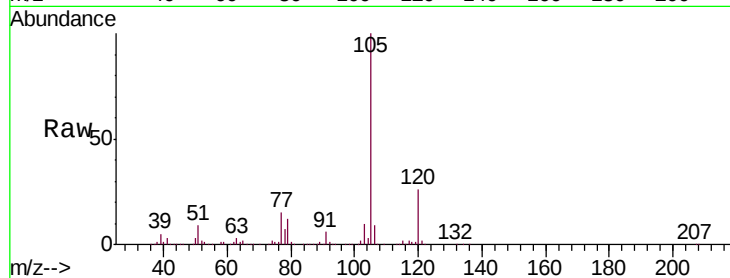
VW0821SBS01

Tgt Ion:105 Resp: 695095

Ion Ratio Lower Upper

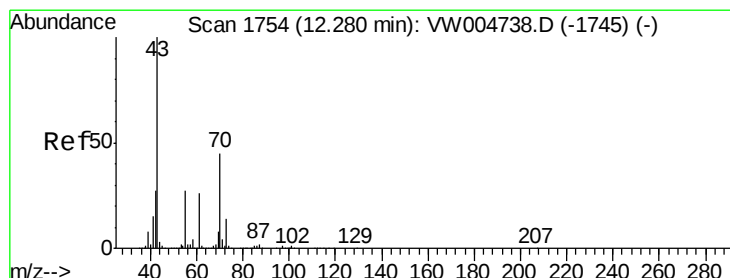
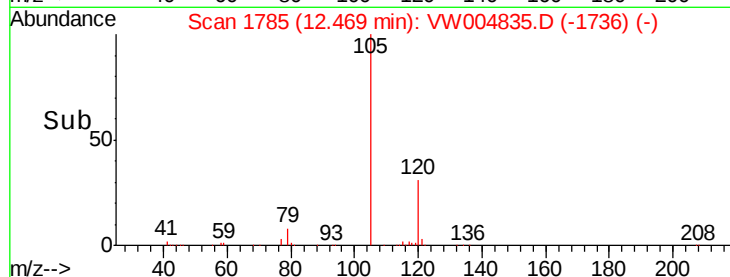
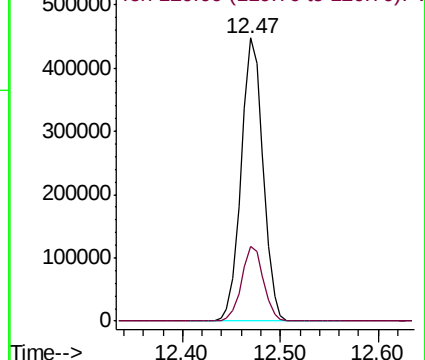
105 100

120 26.3 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.569 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Tgt Ion: 43 Resp: 123148

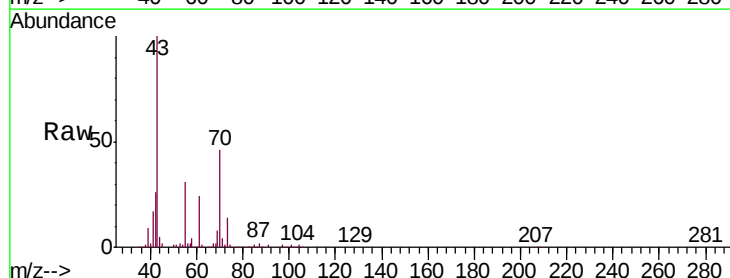
Ion Ratio Lower Upper

43 100

70 46.3 36.3 54.5

55 31.6 22.6 33.8

61 25.0 20.2 30.4

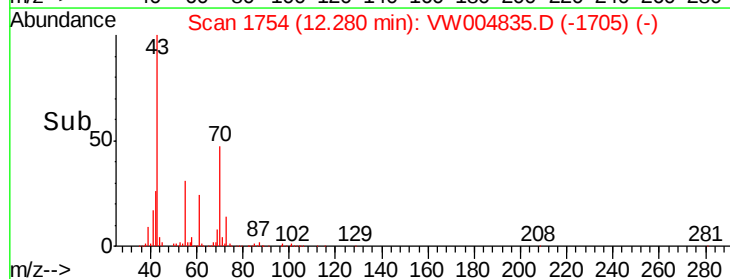
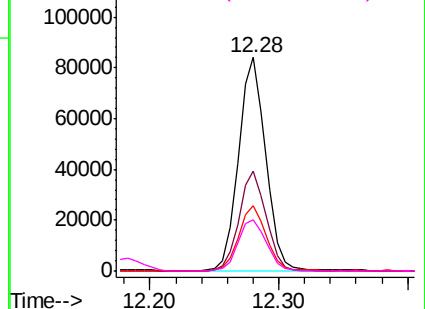


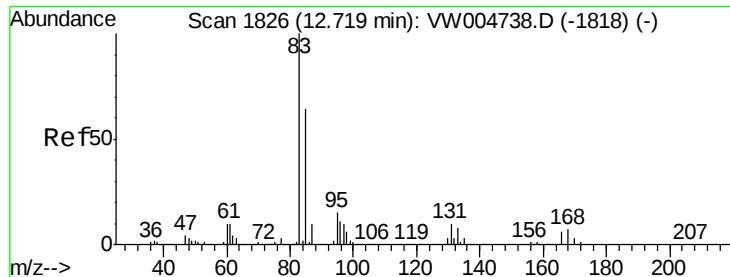
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 20.388 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

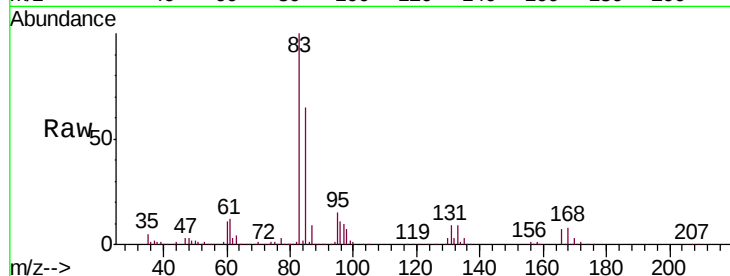
Tgt Ion: 83 Resp: 117441

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

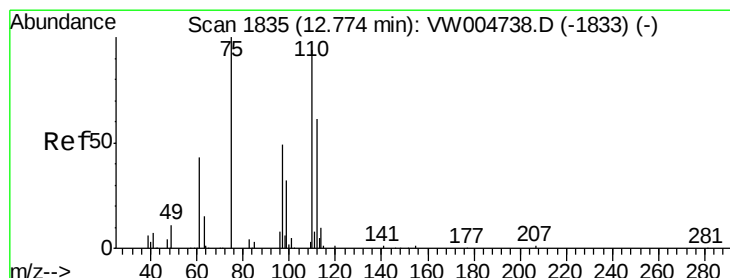
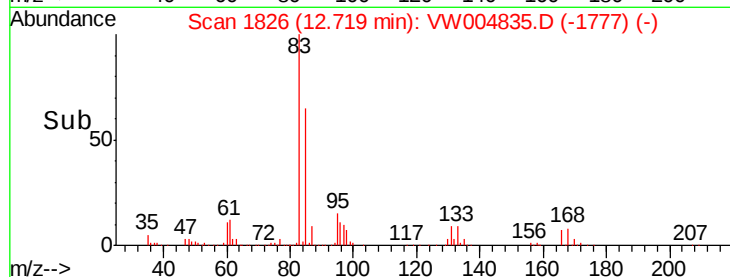
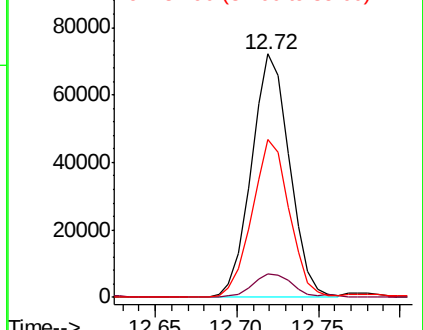
85 63.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 36.337 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004835.D

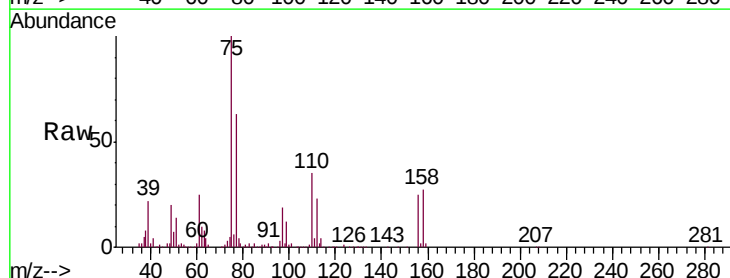
Acq: 21 Aug 2018 12:36

Tgt Ion: 75 Resp: 146412

Ion Ratio Lower Upper

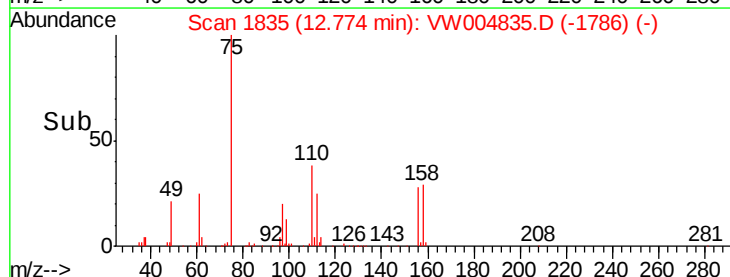
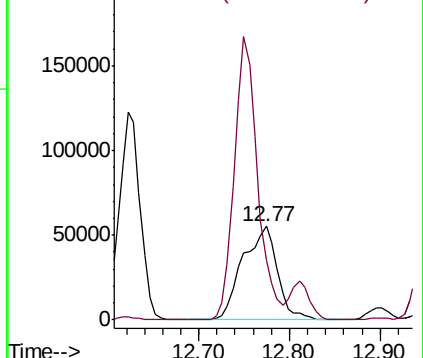
75 100

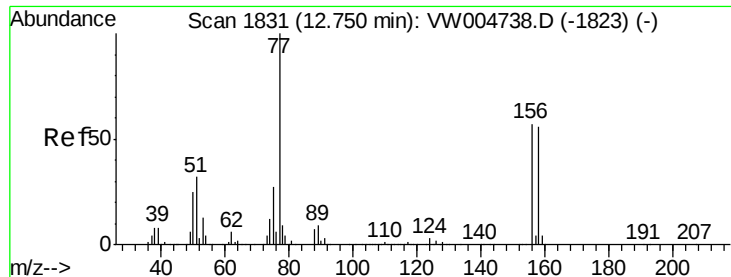
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

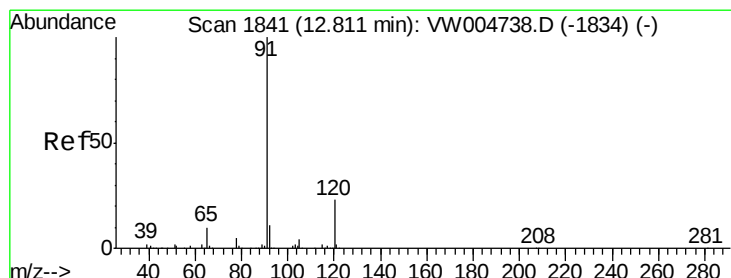
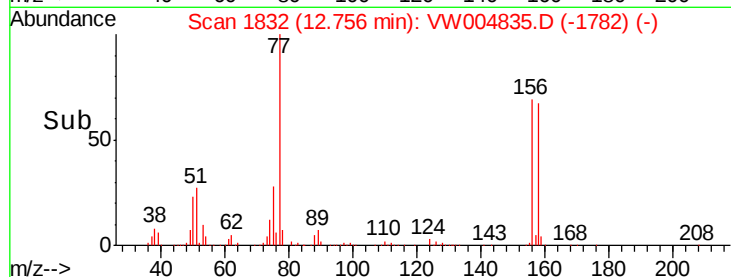
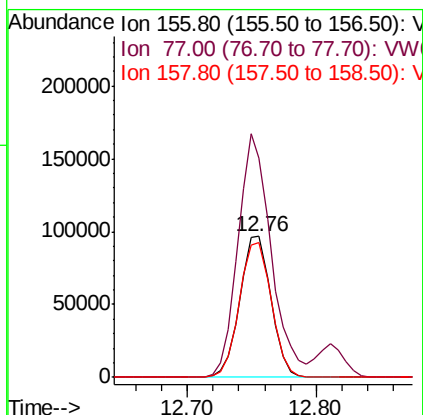
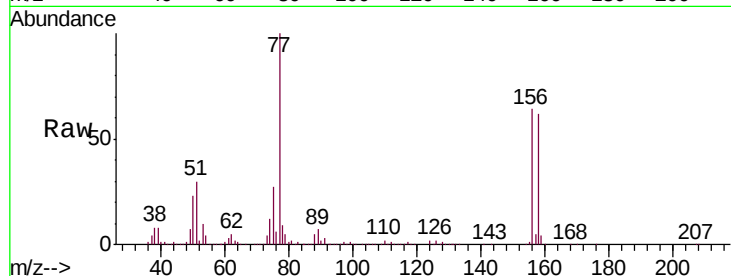




#77
Bromobenzene
Concen: 21.463 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

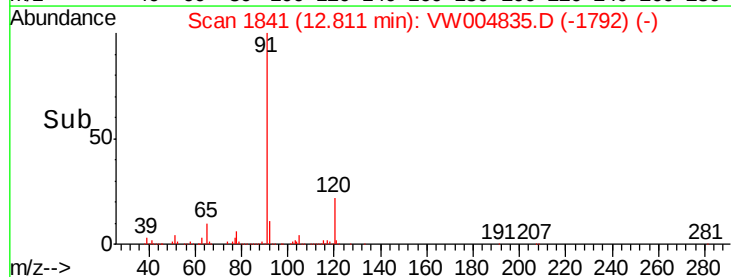
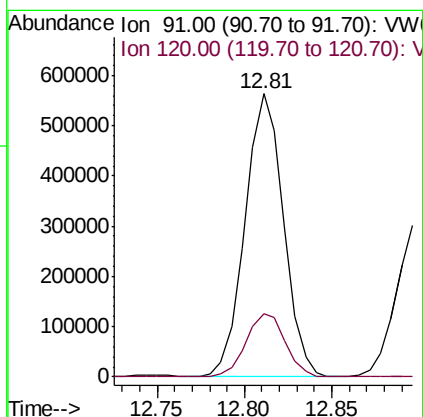
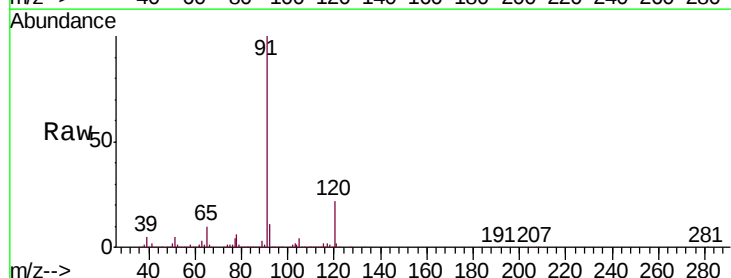
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

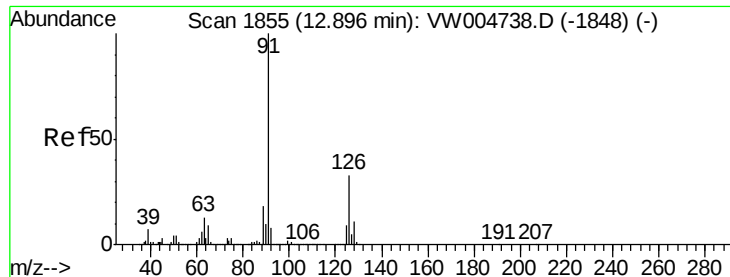
Tgt Ion: 156 Resp: 161546
Ion Ratio Lower Upper
156 100
77 184.8 94.2 282.4
158 98.3 48.6 145.9



#78
n-propylbenzene
Concen: 22.755 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion: 91 Resp: 863426
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.2





#79

2-Chlorotoluene

Concen: 22.308 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

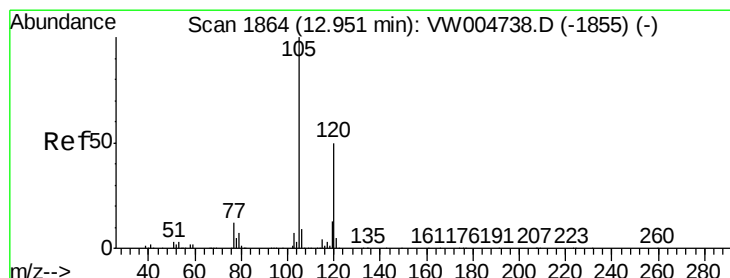
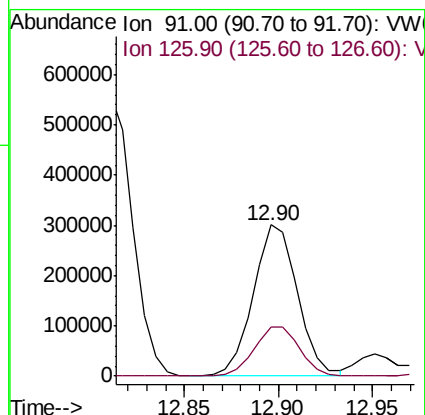
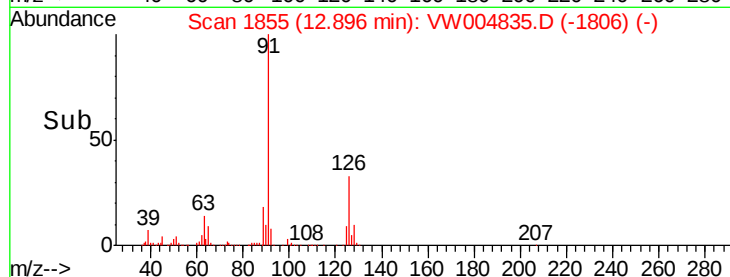
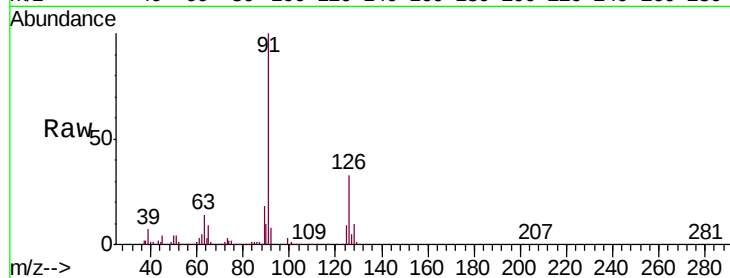
VW0821SBS01

Tgt Ion: 91 Resp: 487909

Ion Ratio Lower Upper

91 100

126 33.6 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 23.098 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004835.D

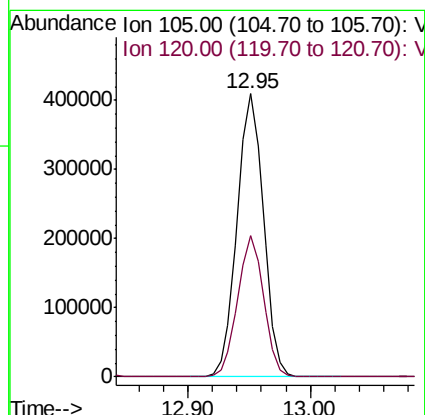
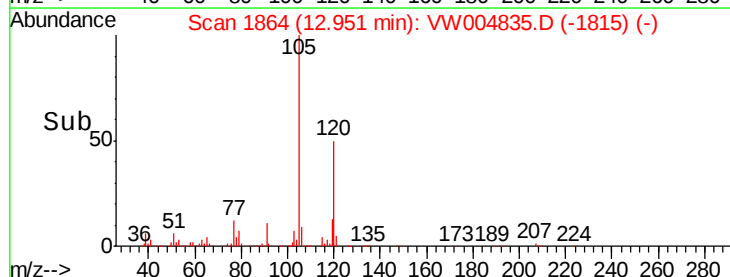
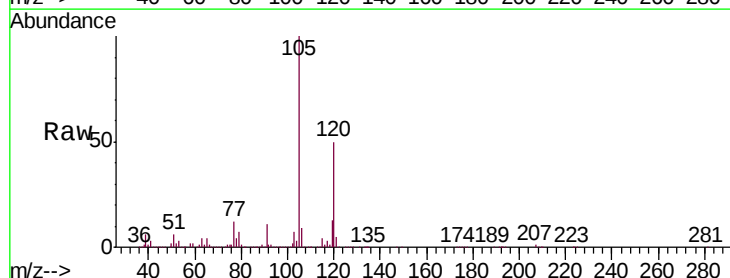
Acq: 21 Aug 2018 12:36

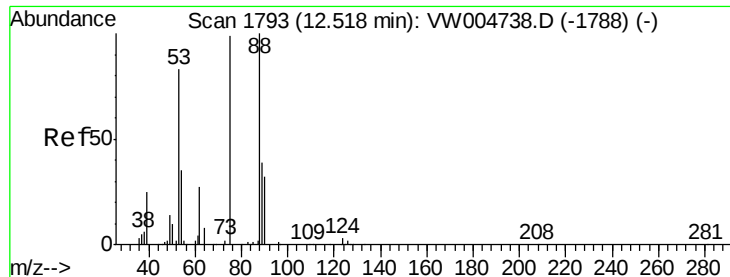
Tgt Ion: 105 Resp: 610199

Ion Ratio Lower Upper

105 100

120 49.3 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.302 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

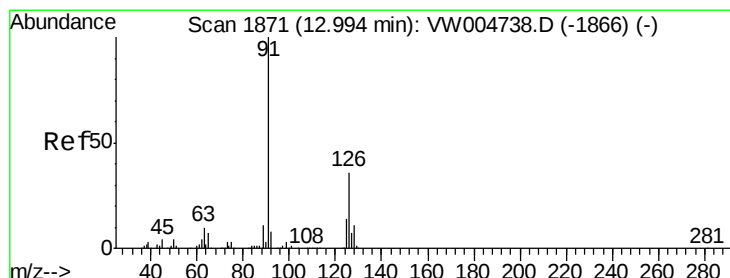
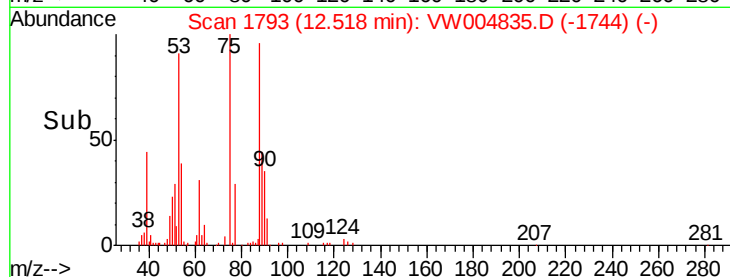
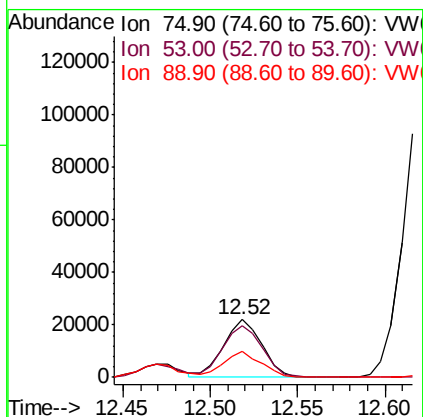
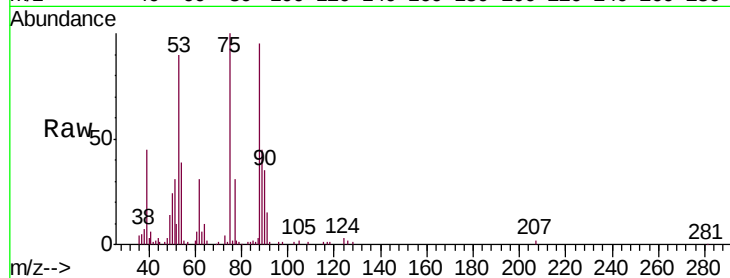
Tgt Ion: 75 Resp: 33461

Ion Ratio Lower Upper

75 100

53 91.5 72.2 108.4

89 43.6 35.2 52.8



#82

4-Chlorotoluene

Concen: 22.027 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004835.D

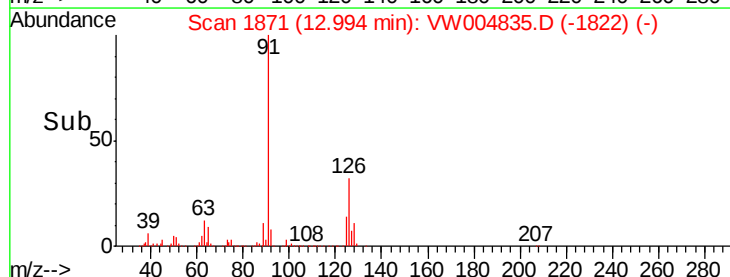
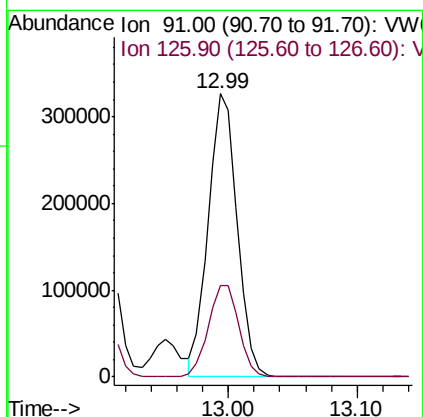
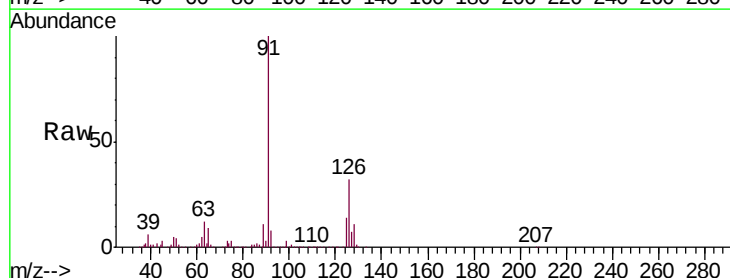
Acq: 21 Aug 2018 12:36

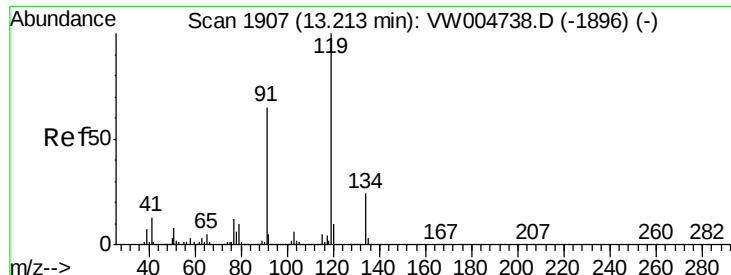
Tgt Ion: 91 Resp: 511877

Ion Ratio Lower Upper

91 100

126 34.4 16.9 50.7

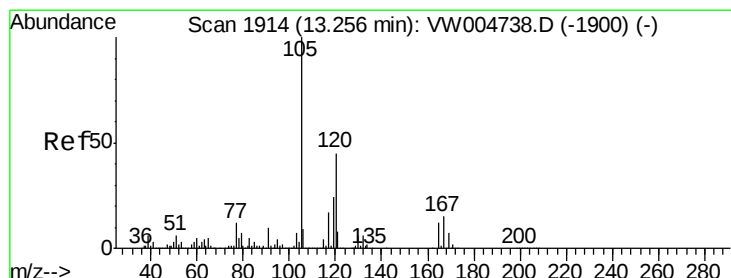
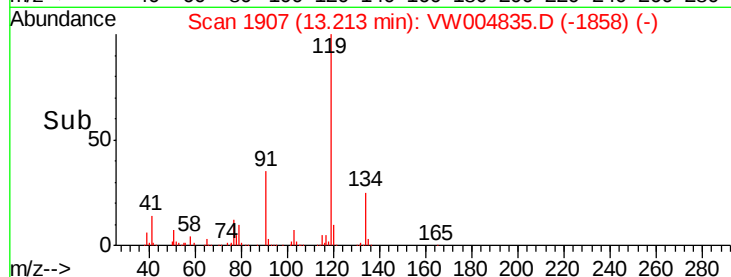
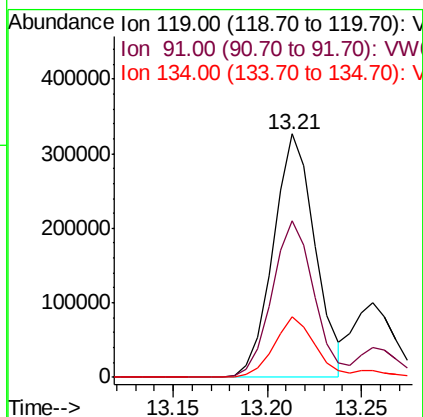
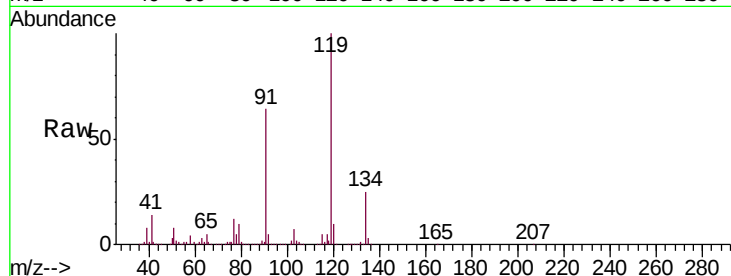




#83
tert-Butylbenzene
Concen: 22.260 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

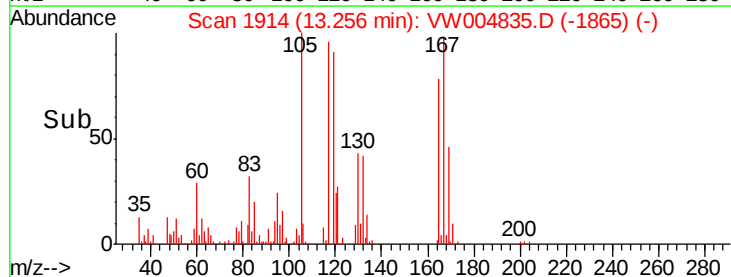
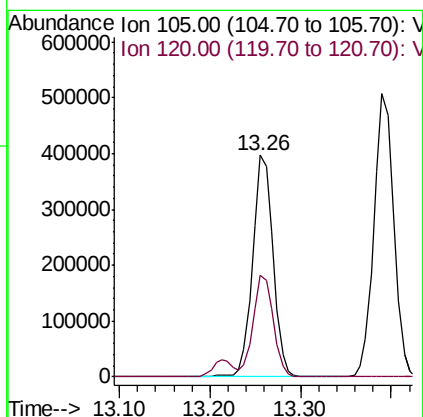
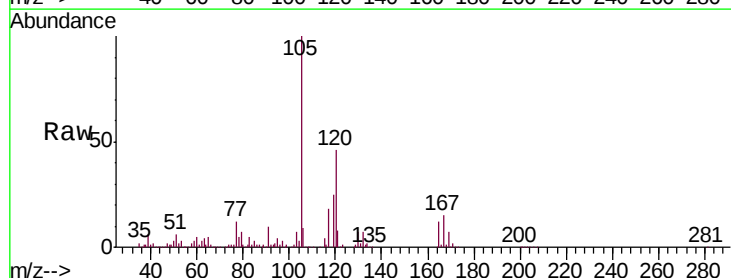
Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

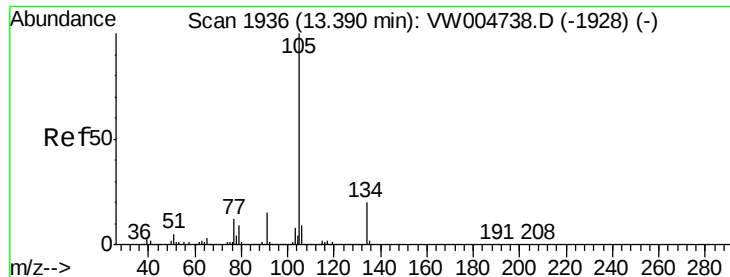
Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.0	32.6	97.8
134	24.3	13.1	39.3



#84
1,2,4-Trimethylbenzene
Concen: 22.800 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.3

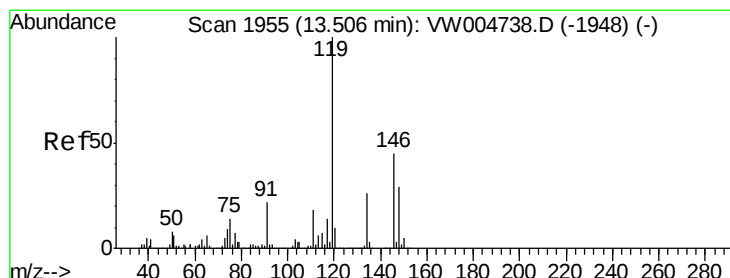
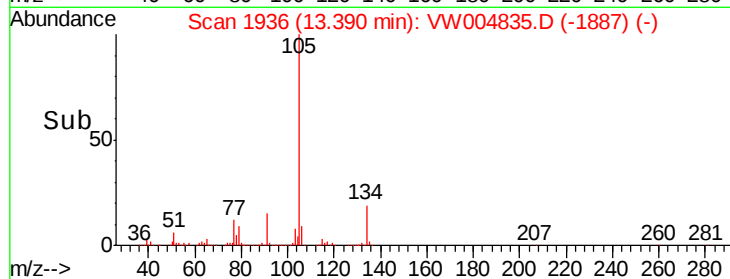
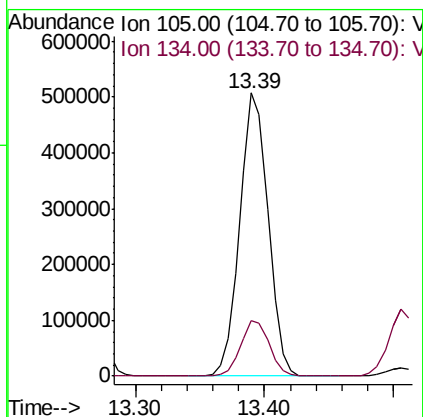
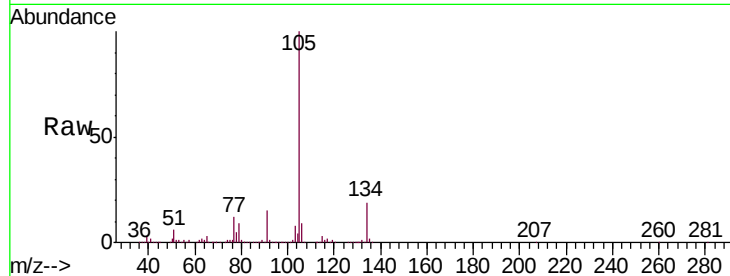




#85
 sec-Butylbenzene
 Concen: 22.812 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

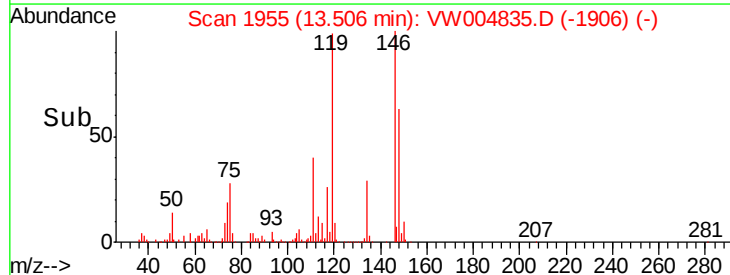
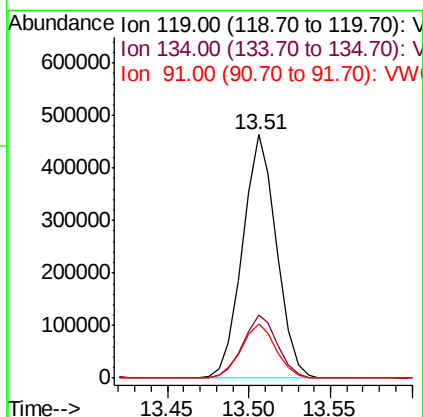
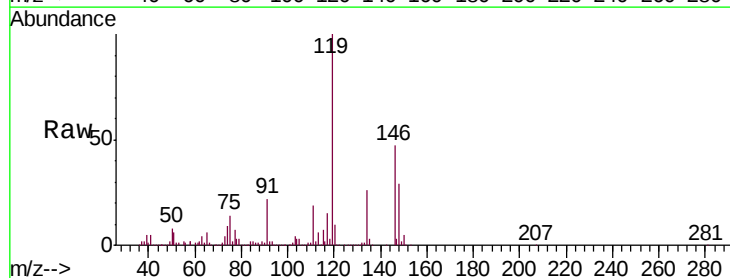
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

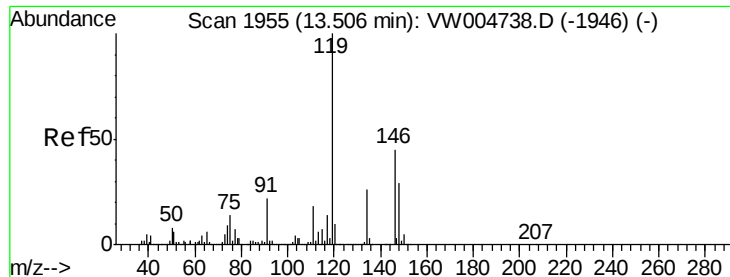
Tgt Ion:105 Resp: 769583
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 22.900 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion:119 Resp: 672183
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 22.5 11.2 33.5

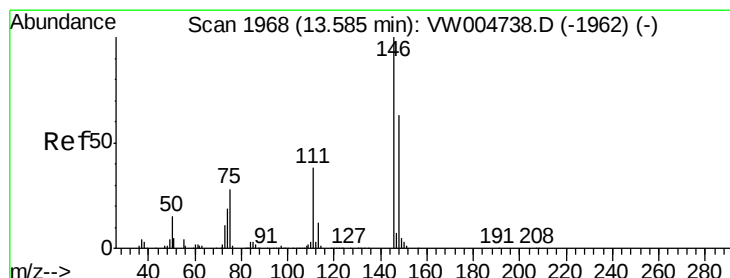
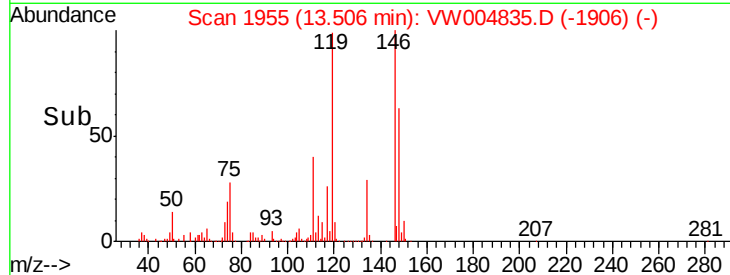
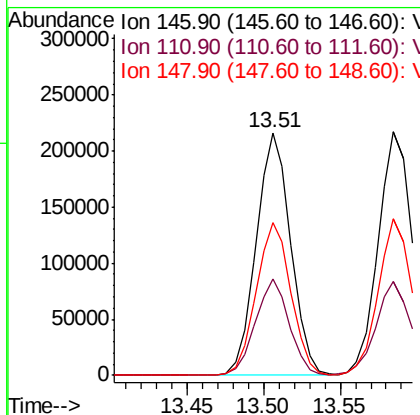
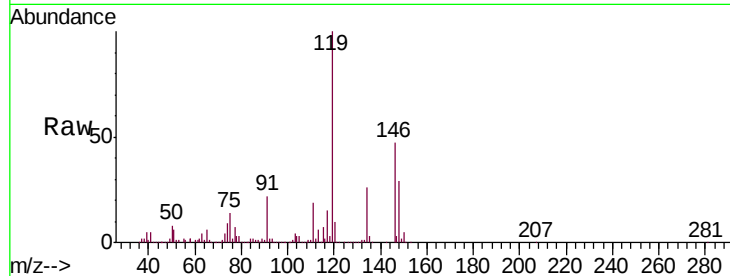




#87
 1,3-Dichlorobenzene
 Concen: 22.150 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

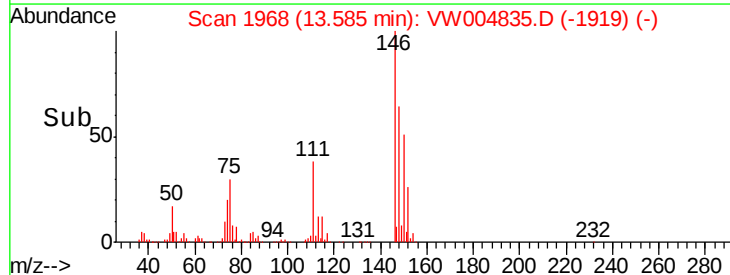
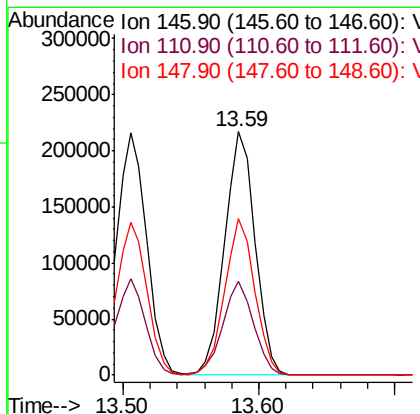
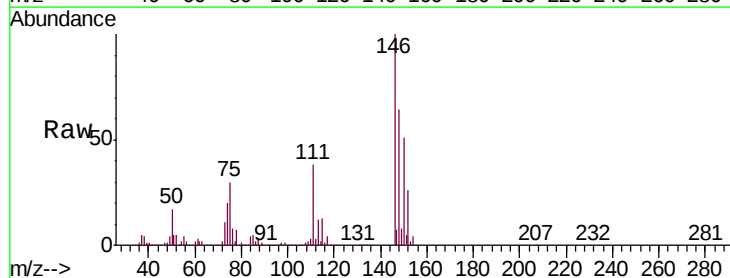
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

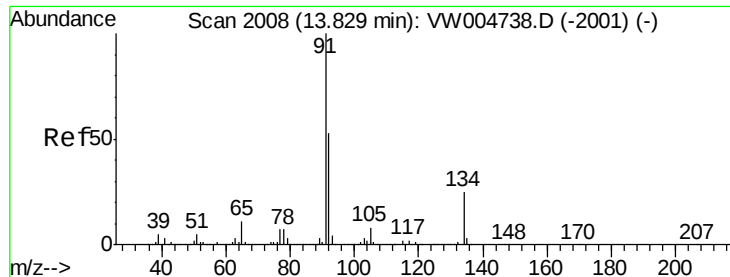
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.8	59.4
148	63.3	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 22.001 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.8
148	63.5	31.8	95.3





#89

n-Butylbenzene

Concen: 22.354 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004835.D

Acq: 21 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0821SBS01

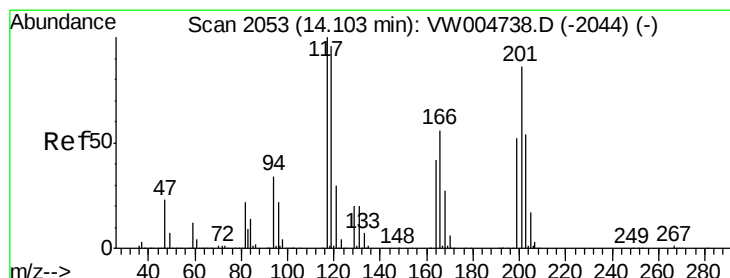
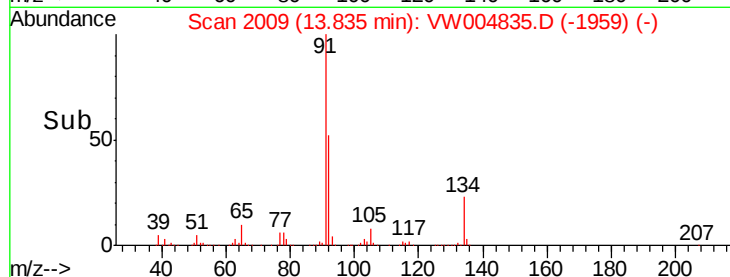
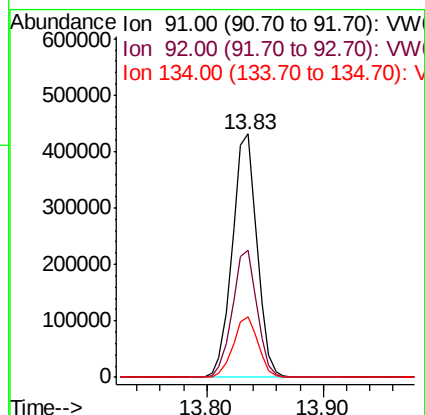
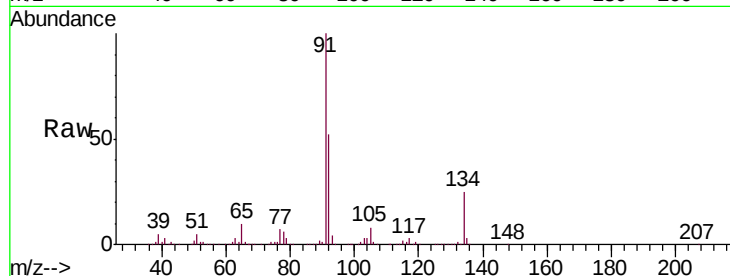
Tgt Ion: 91 Resp: 634408

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.2

134 25.1 12.8 38.3



#90

Hexachloroethane

Concen: 21.444 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW004835.D

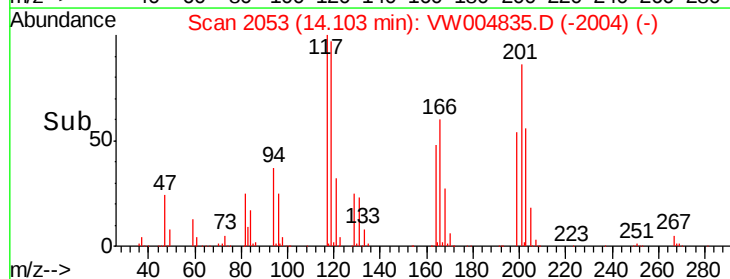
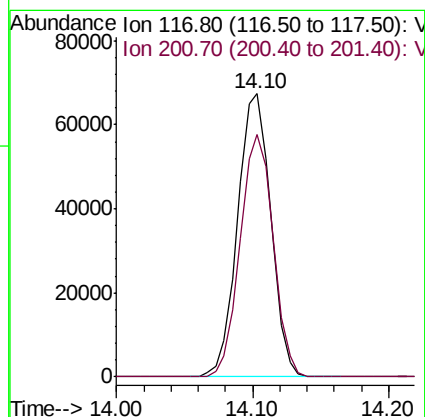
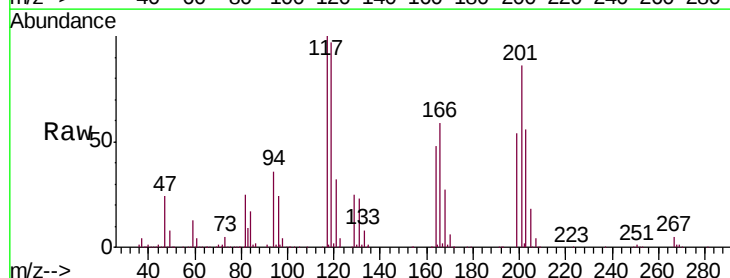
Acq: 21 Aug 2018 12:36

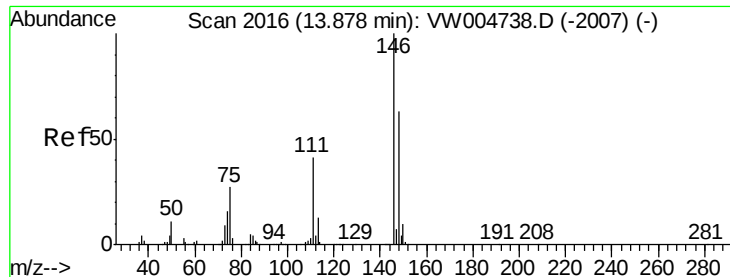
Tgt Ion: 117 Resp: 114736

Ion Ratio Lower Upper

117 100

201 85.3 42.4 127.2

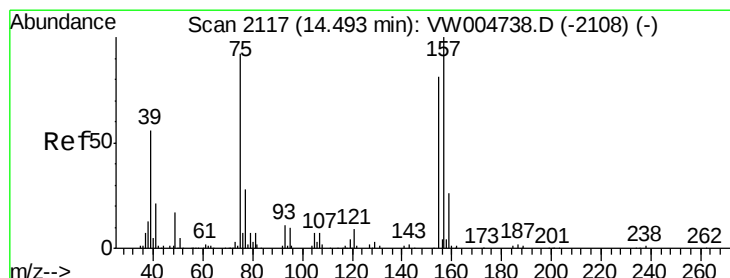
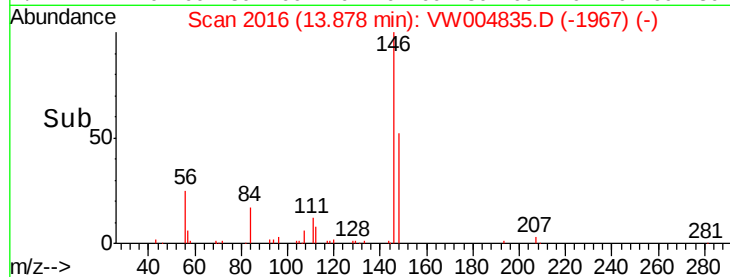
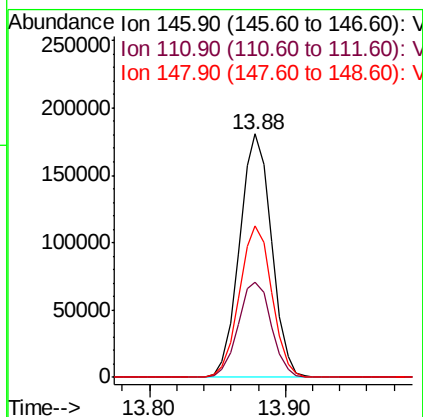
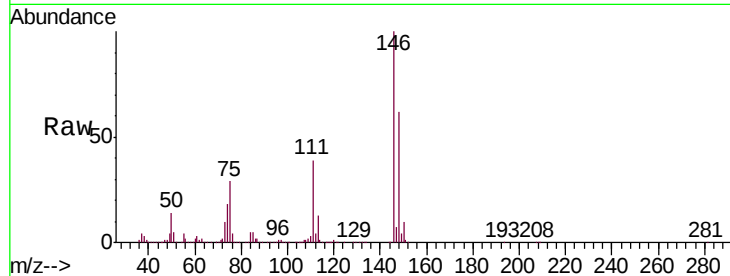




#91
 1,2-Dichlorobenzene
 Concen: 21.468 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

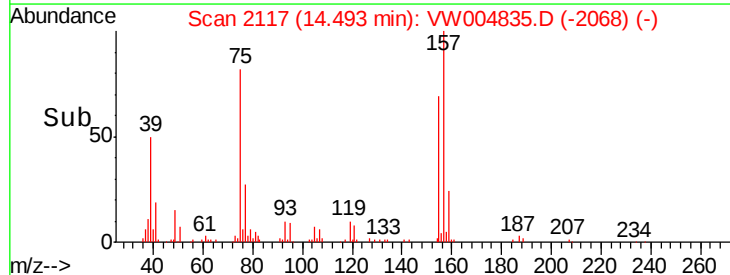
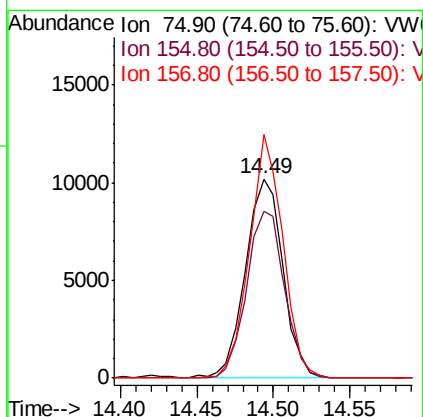
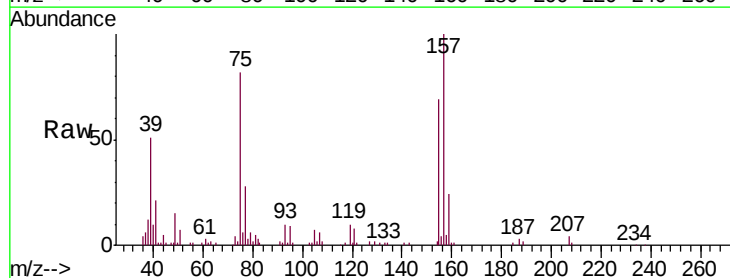
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

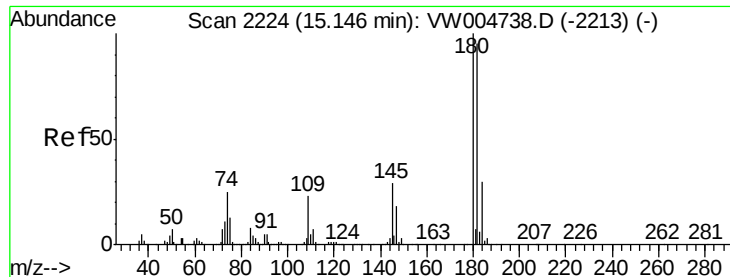
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.3
148	63.4	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.339 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.4	43.3	129.9
157	108.6	54.5	163.6

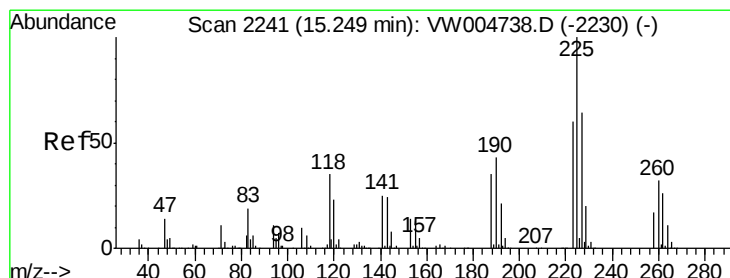
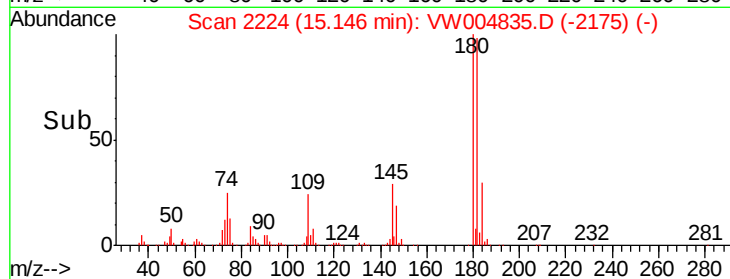
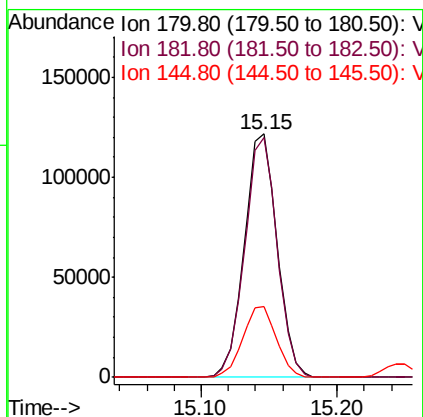
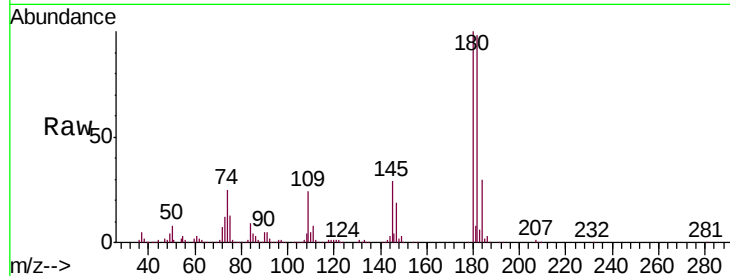




#93
 1,2,4-Trichlorobenzene
 Concen: 21.128 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

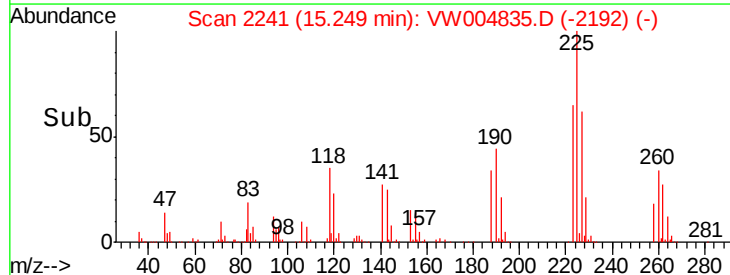
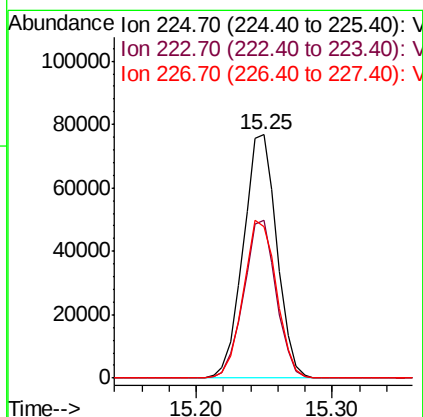
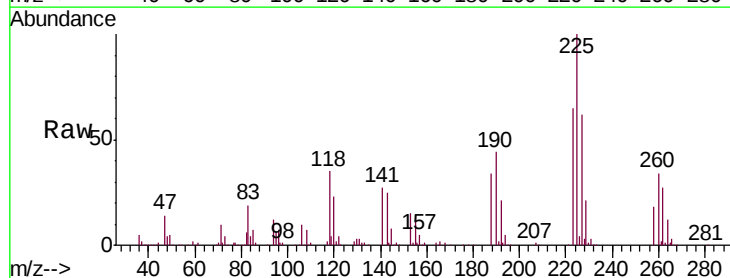
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0821SBS01

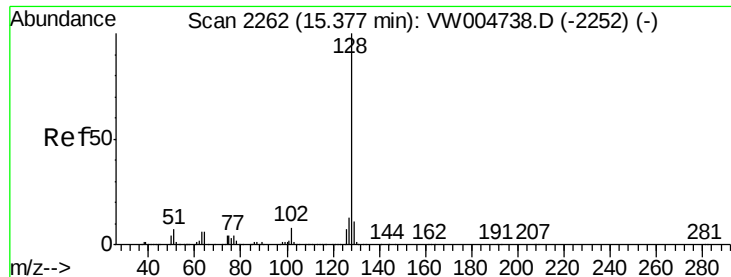
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.3	141.8
145	29.8	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 22.158 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW004835.D
 Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	30.9	92.5
227	64.1	32.0	96.0

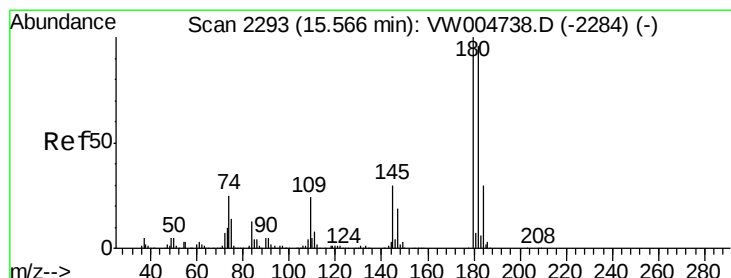
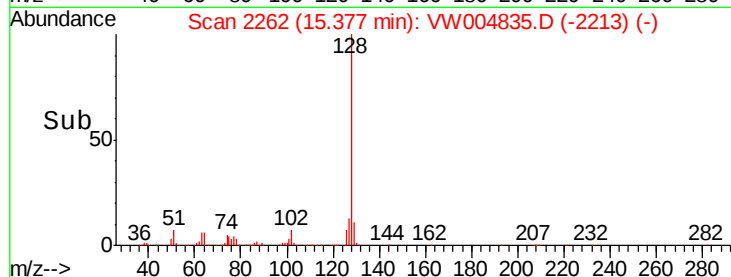
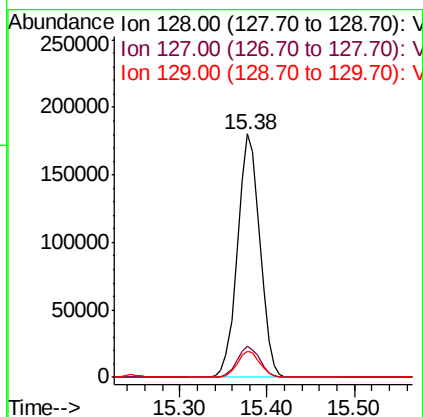
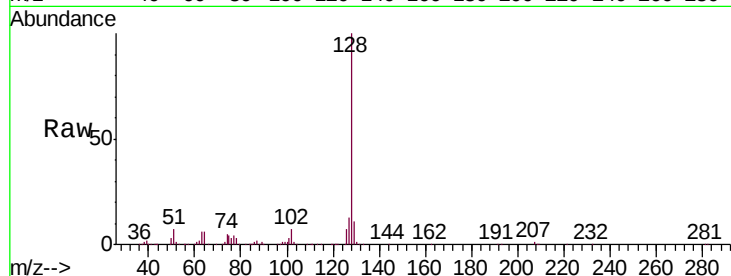




#95
Naphthalene
Concen: 19.384 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0821SBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.701 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004835.D
Acq: 21 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.3	142.0
145	31.5	15.4	46.1

