

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
 Data File : VW008823.D
 Acq On : 26 Feb 2019 11:56
 Operator : SY/VA
 Sample : VW0226SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0226SBS01

Quant Time: Feb 27 05:55:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	333528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	475149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	450474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245225	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	146615	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	
35) Dibromofluoromethane	7.88	113	143844	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
50) Toluene-d8	10.32	98	562097	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.62	95	211444	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	66263	19.836	ug/l	95
3) Chloromethane	2.21	50	79441	19.536	ug/l	100
4) Vinyl Chloride	2.35	62	82674	19.203	ug/l	99
5) Bromomethane	2.76	94	68775	21.507	ug/l	96
6) Chloroethane	2.91	64	58191	19.034	ug/l	99
7) Trichlorofluoromethane	3.25	101	115538	21.218	ug/l	97
8) Diethyl Ether	3.68	74	32421	18.807	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	70878	21.435	ug/l	99
10) Methyl Iodide	4.27	142	73131	17.686	ug/l	99
11) Tert butyl alcohol	5.18	59	21277	76.401	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	62829	21.515	ug/l	95
13) Acrolein	3.90	56	19371	80.507	ug/l	91
14) Allyl chloride	4.67	41	100792	19.998	ug/l	97
15) Acrylonitrile	5.37	53	63368	85.651	ug/l	99
16) Acetone	4.13	43	60211	83.039	ug/l	98
17) Carbon Disulfide	4.38	76	193104	19.930	ug/l	96
18) Methyl Acetate	4.68	43	28591	16.624	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	144923	18.335	ug/l	96
20) Methylene Chloride	4.92	84	72795	17.009	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	70377	20.834	ug/l	96
22) Diisopropyl ether	6.31	45	198577	19.751	ug/l	98
23) Vinyl Acetate	6.25	43	575527	92.648	ug/l	99
24) 1,1-Dichloroethane	6.21	63	121536	20.861	ug/l	98
25) 2-Butanone	7.17	43	82878	81.756	ug/l	98
26) 2,2-Dichloropropane	7.16	77	114863	21.716	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	74854	20.716	ug/l	97
28) Bromochloromethane	7.51	49	45234	18.553	ug/l	95
29) Tetrahydrofuran	7.52	42	50922	78.825	ug/l	97
30) Chloroform	7.67	83	125112	20.933	ug/l	94
31) Cyclohexane	7.95	56	124815	21.164	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	115632	21.274	ug/l	97
36) 1,1-Dichloropropene	8.08	75	103375	22.350	ug/l	99
37) Ethyl Acetate	7.26	43	36600	17.016	ug/l	98
38) Carbon Tetrachloride	8.07	117	109437	22.436	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	121377	21.039	ug/l	97
40) Benzene	8.32	78	265084	20.991	ug/l	100
41) Methacrylonitrile	7.48	41	22812	18.043	ug/l	91
42) 1,2-Dichloroethane	8.40	62	77442	19.359	ug/l	100
43) Isopropyl Acetate	8.43	43	71227	16.593	ug/l	96
44) Trichloroethene	9.09	130	77343	21.741	ug/l	98
45) 1,2-Dichloropropane	9.37	63	64910	20.800	ug/l	99
46) Dibromomethane	9.46	93	34308	19.765	ug/l	94
47) Bromodichloromethane	9.65	83	86696	20.528	ug/l	96
48) Methyl methacrylate	9.43	41	32030	15.579	ug/l	96
49) 1,4-Dioxane	9.45	88	7931	285.311	ug/l #	81
51) 4-Methyl-2-Pentanone	10.21	43	171453	78.670	ug/l	99
52) Toluene	10.38	92	177414	20.700	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	82312	19.122	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	100917	20.555	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	44913	19.079	ug/l	98
56) Ethyl methacrylate	10.65	69	52000	17.002	ug/l	99
57) 1,3-Dichloropropane	10.93	76	80151	19.284	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	140583	91.393	ug/l	99
59) 2-Hexanone	10.97	43	124295	80.119	ug/l	99
60) Dibromochloromethane	11.13	129	57074	19.877	ug/l	98
61) 1,2-Dibromoethane	11.24	107	43376	18.615	ug/l	99
64) Tetrachloroethene	10.86	164	67010	20.781	ug/l	96
65) Chlorobenzene	11.66	112	195700	20.661	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	65594	20.480	ug/l	98
67) Ethyl Benzene	11.73	91	348701	20.593	ug/l	97
68) m/p-Xylenes	11.84	106	286905	42.406	ug/l	97
69) o-Xylene	12.17	106	129664	20.419	ug/l	100
70) Styrene	12.18	104	206380	20.201	ug/l	100
71) Bromoform	12.35	173	31007	18.011	ug/l #	96
73) Isopropylbenzene	12.46	105	361478	21.502	ug/l	99
74) N-amyl acetate	12.27	43	67768	16.003	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	49342	17.963	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	67333	33.256	ug/l #	100
77) Bromobenzene	12.75	156	82268	20.709	ug/l	97
78) n-propylbenzene	12.80	91	438483	21.323	ug/l	99
79) 2-Chlorotoluene	12.90	91	244702	20.959	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	310125	21.228	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14676	17.622	ug/l	91
82) 4-Chlorotoluene	12.99	91	256065	20.812	ug/l	98
83) tert-Butylbenzene	13.21	119	275333	21.796	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	309417	20.460	ug/l	99
85) sec-Butylbenzene	13.39	105	382036	21.033	ug/l	100
86) p-Isopropyltoluene	13.50	119	341906	20.533	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	168951	20.498	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	166925	20.548	ug/l	99
89) n-Butylbenzene	13.83	91	323676	20.749	ug/l	100
90) Hexachloroethane	14.10	117	58479	21.453	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	146164	19.902	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7619	15.333	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
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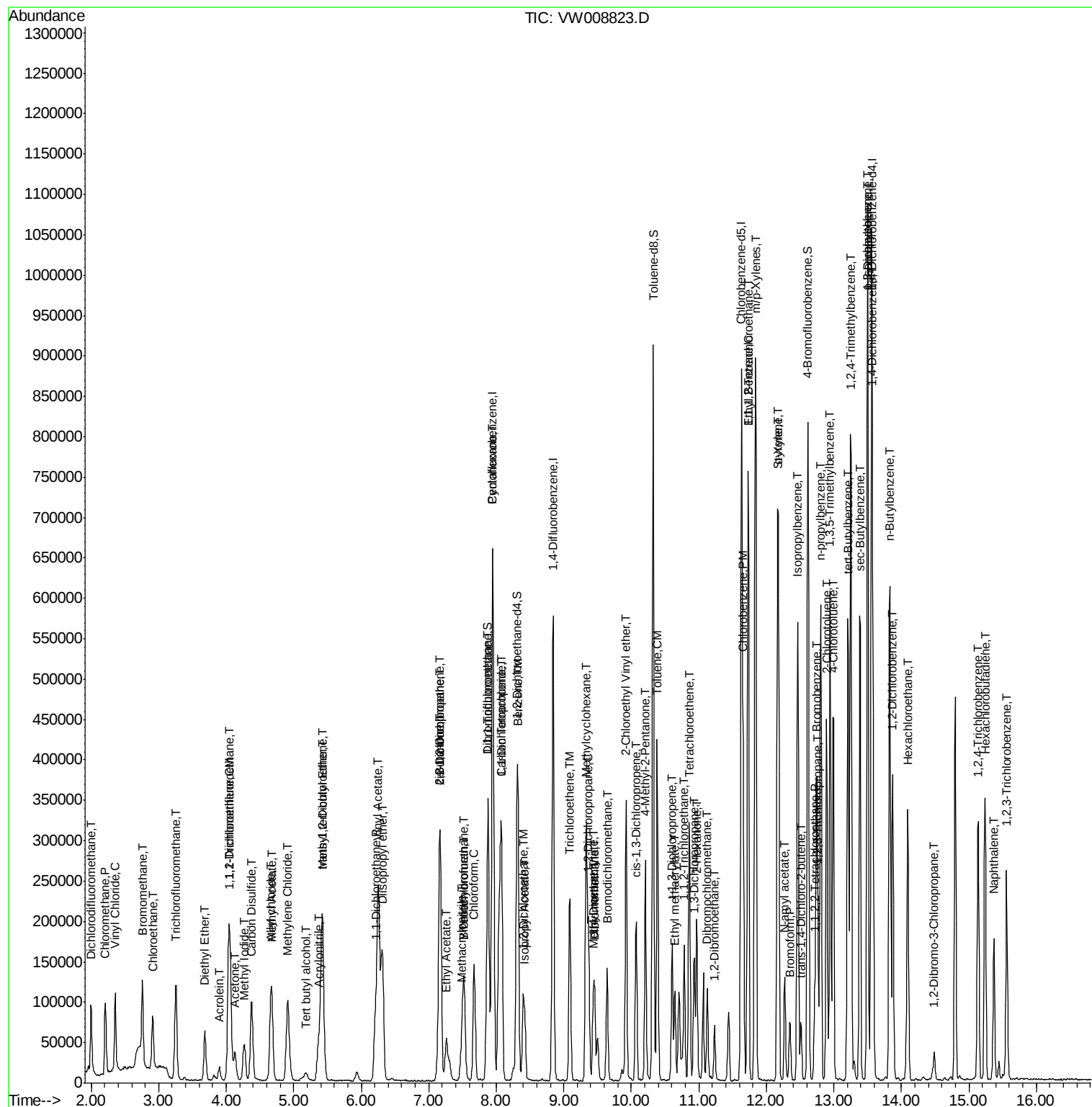
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	103446	19.549	ug/l	99
94) Hexachlorobutadiene	15.24	225	68001	21.817	ug/l	99
95) Naphthalene	15.37	128	146229	16.231	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	85195	18.621	ug/l	98

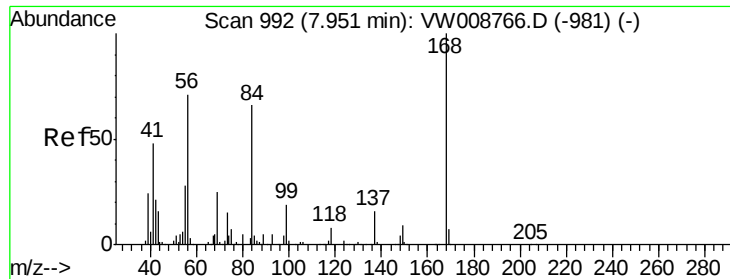
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

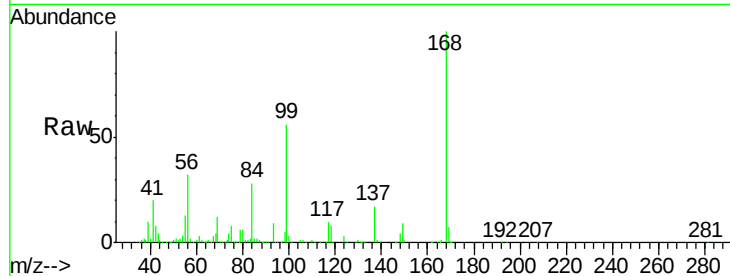
VW0226SBS01

Tot Ion:168 Resp: 333528

Ion Ratio Lower Upper

168 100

99 55.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

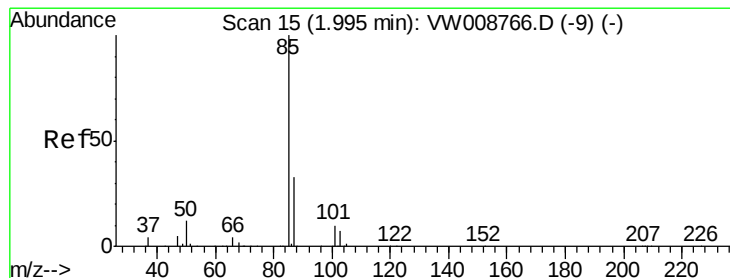
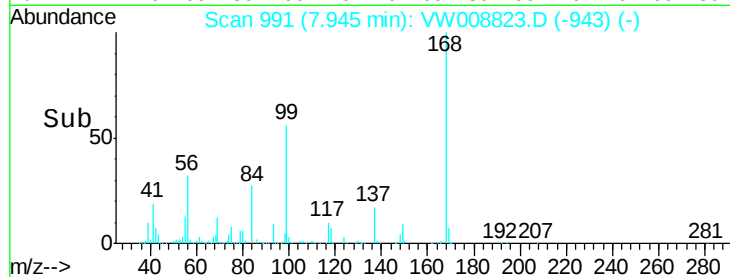
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.836 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW008823.D

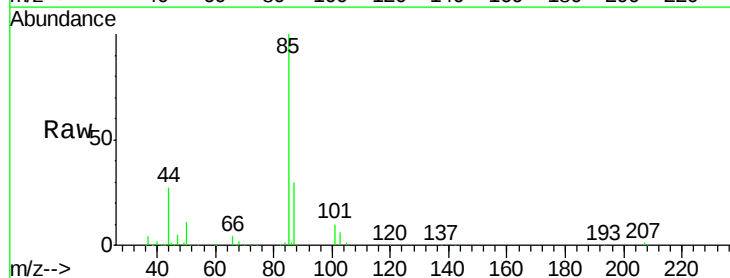
Acq: 26 Feb 2019 11:56

Tgt Ion: 85 Resp: 66263

Ion Ratio Lower Upper

85 100

87 29.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

50000

40000

30000

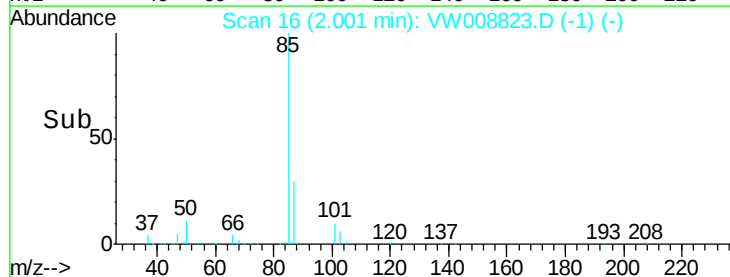
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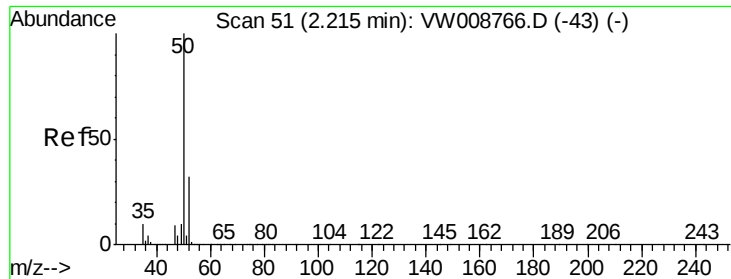
10000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 19.536 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

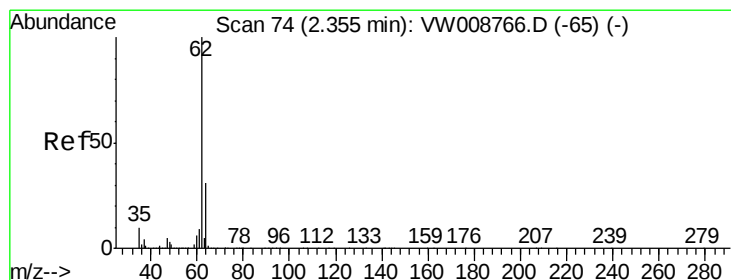
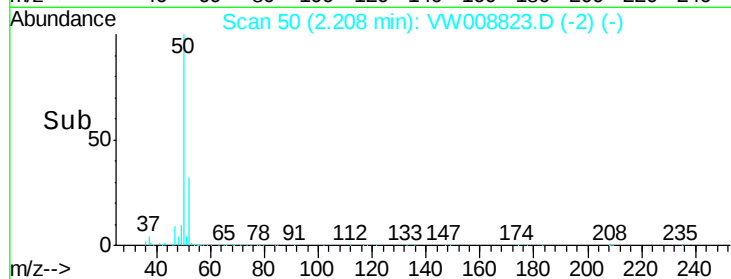
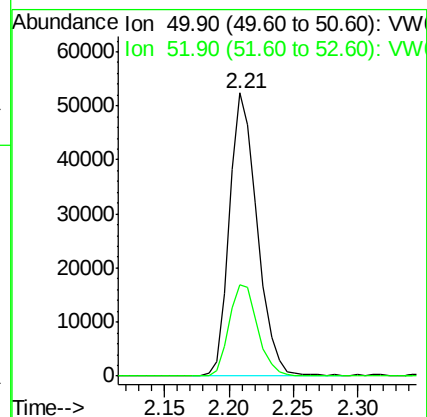
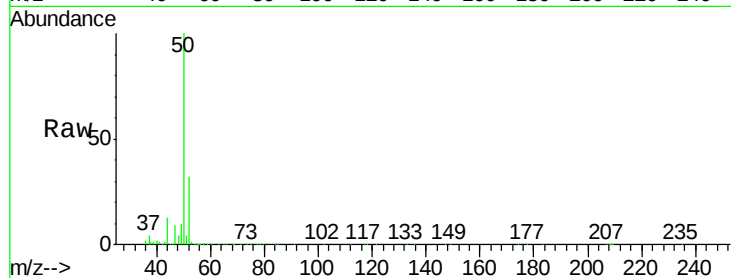
VW0226SBS01

Tot Ion: 50 Resp: 79441

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9



#4

Vinyl Chloride

Concen: 19.203 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW008823.D

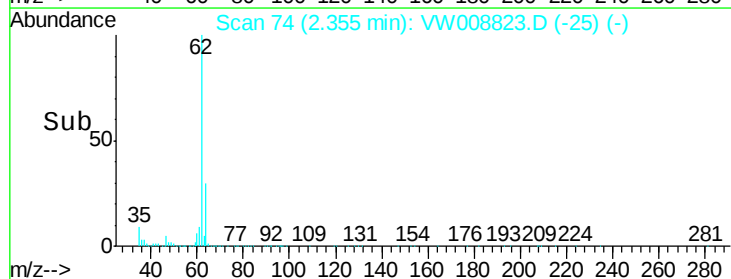
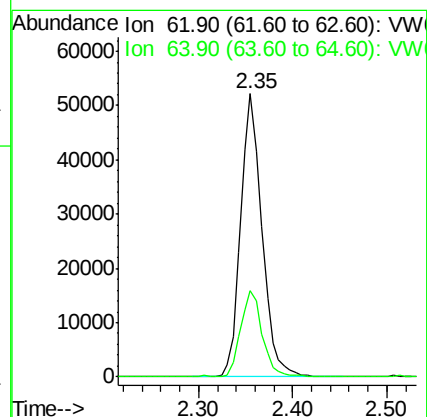
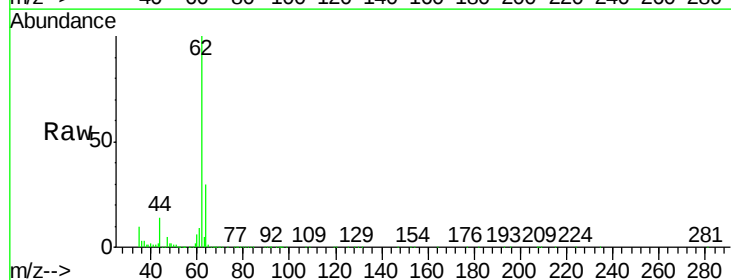
Acq: 26 Feb 2019 11:56

Tgt Ion: 62 Resp: 82674

Ion Ratio Lower Upper

62 100

64 30.5 24.9 37.3





#5

Bromomethane

Concen: 21.507 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

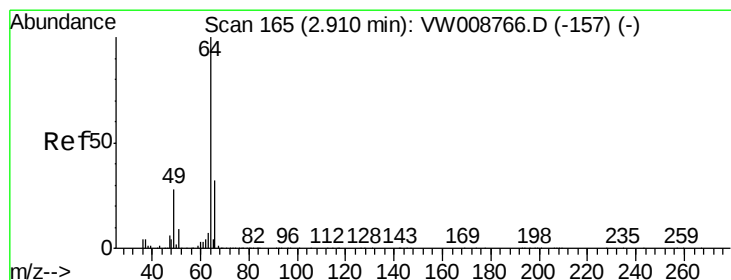
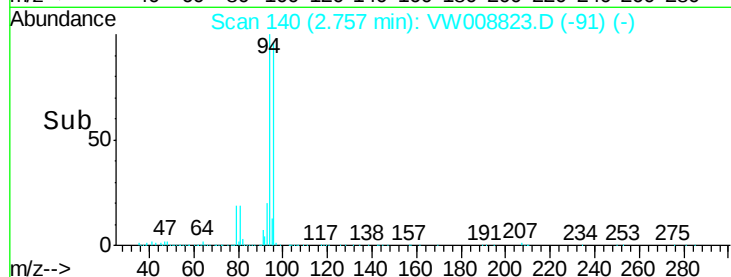
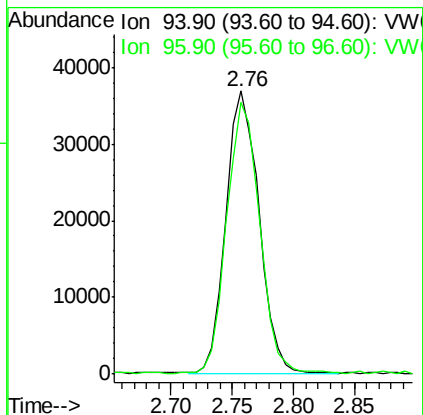
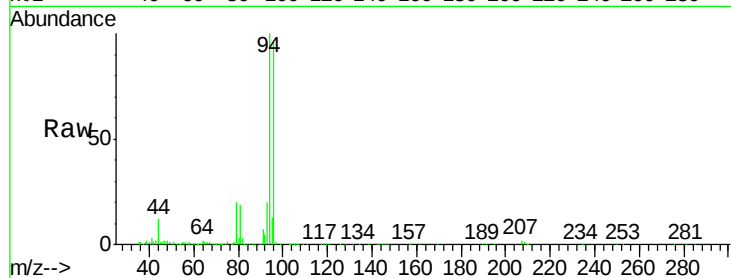
VW0226SBS01

Tot Ion: 94 Resp: 68775

Ion Ratio Lower Upper

94 100

96 95.9 73.4 110.2



#6

Chloroethane

Concen: 19.034 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW008823.D

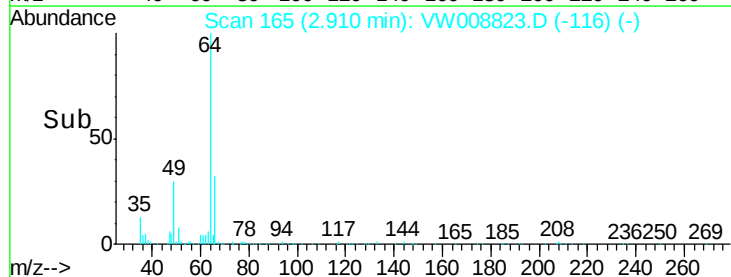
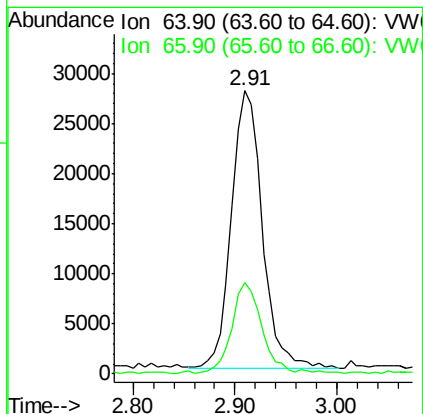
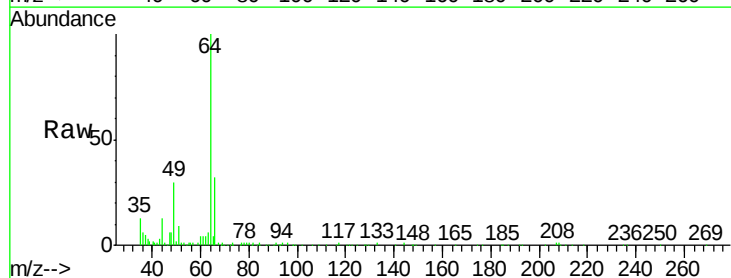
Acq: 26 Feb 2019 11:56

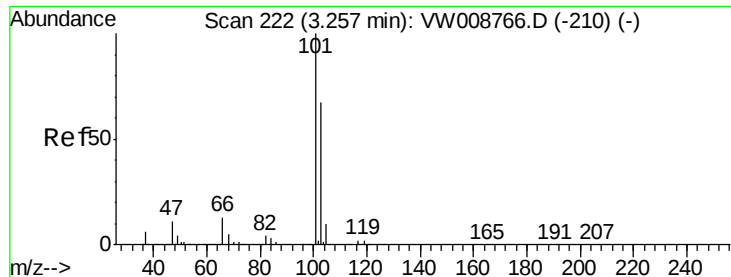
Tgt Ion: 64 Resp: 58191

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3



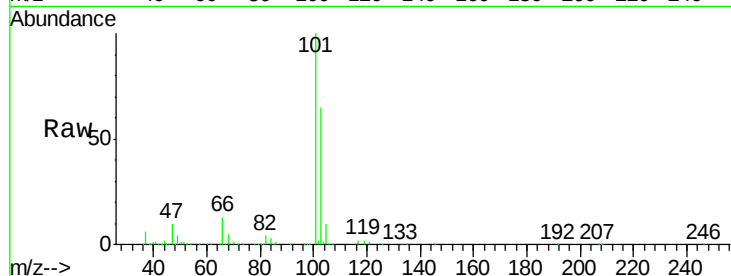


#7

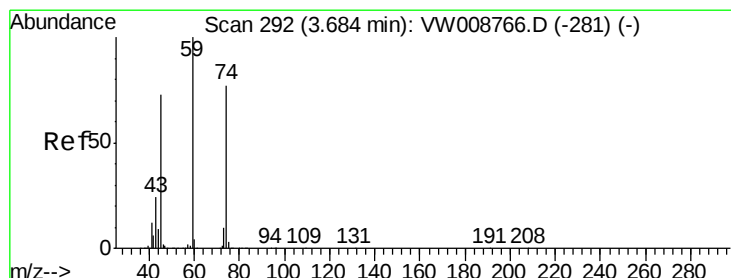
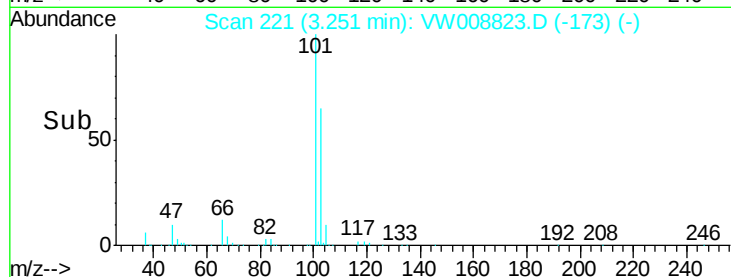
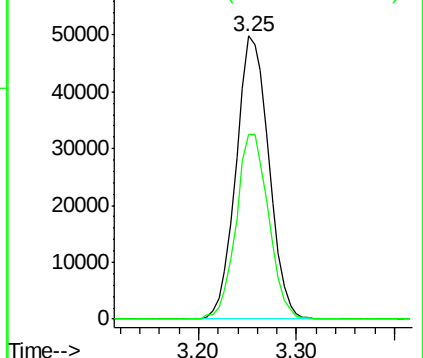
Trichlorofluoromethane
Concen: 21.218 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :
VW0226SBS01

Tot Ion:101 Resp: 115538
Ion Ratio Lower Upper
101 100
103 65.3 53.9 80.9



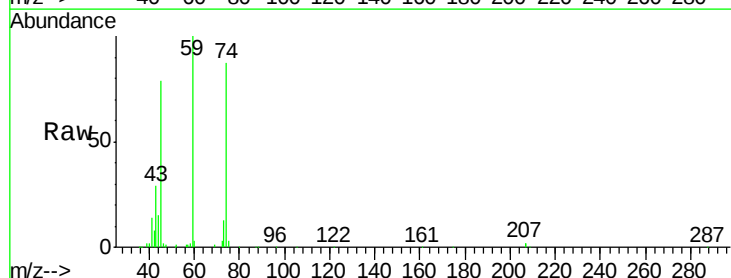
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



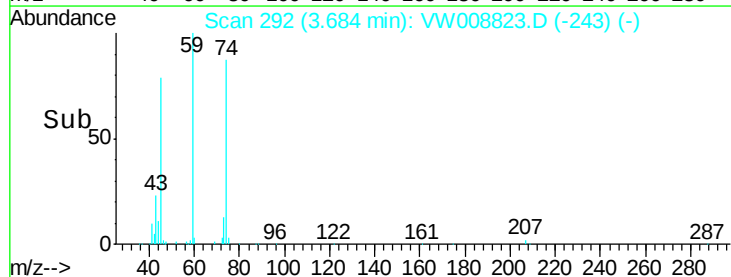
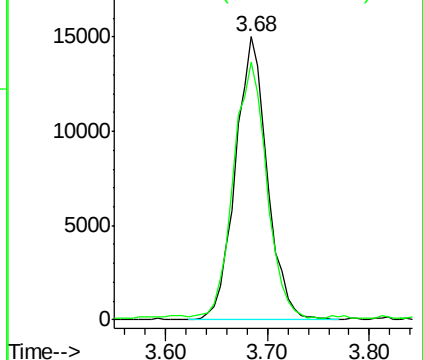
#8

Diethyl Ether
Concen: 18.807 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Tgt Ion: 74 Resp: 32421
Ion Ratio Lower Upper
74 100
45 94.5 50.2 150.6



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.435 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0226SBS01

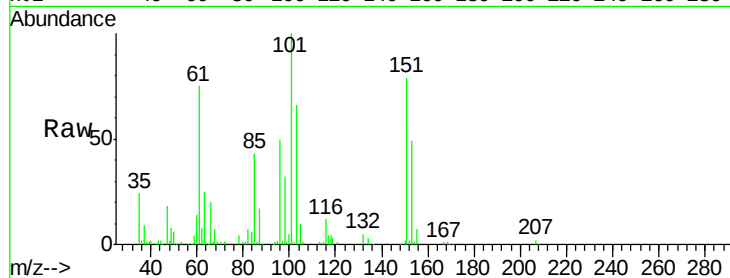
Tot Ion:101 Resp: 70878

Ion Ratio Lower Upper

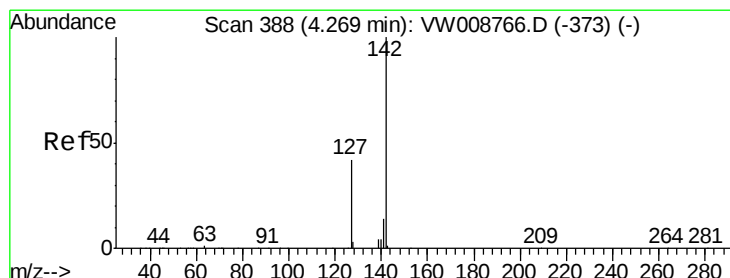
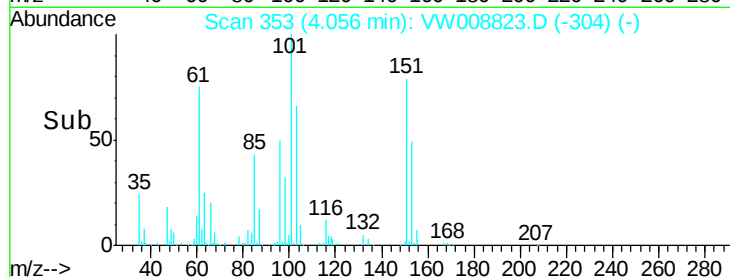
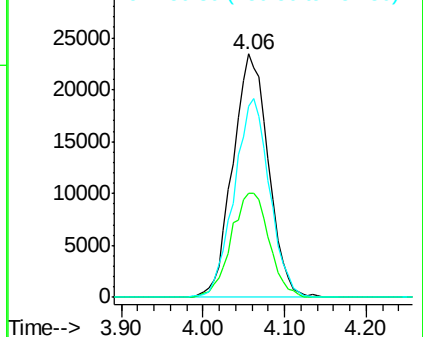
101 100

85 45.6 36.0 54.0

151 81.5 65.5 98.3



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: 17.686 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

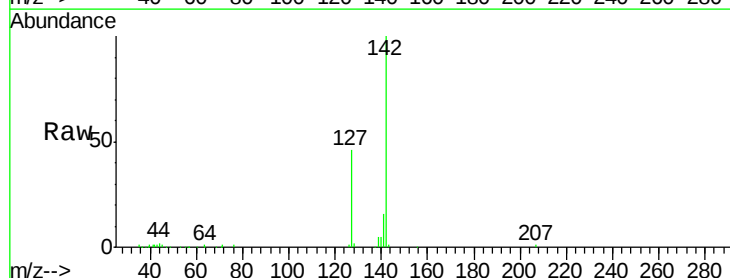
Tgt Ion:142 Resp: 73131

Ion Ratio Lower Upper

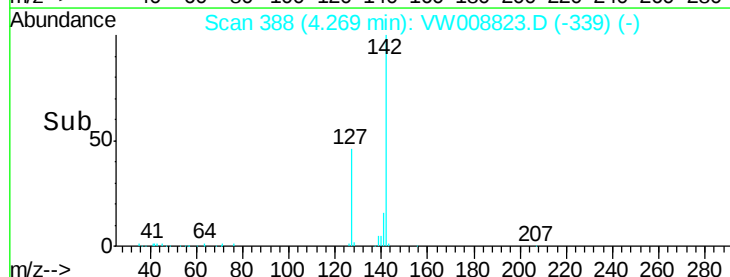
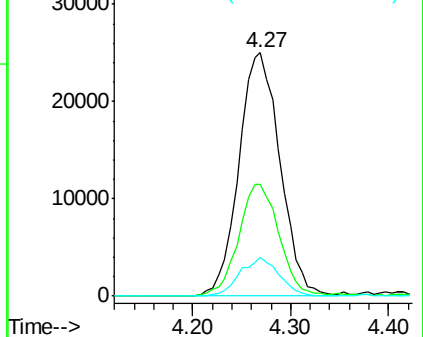
142 100

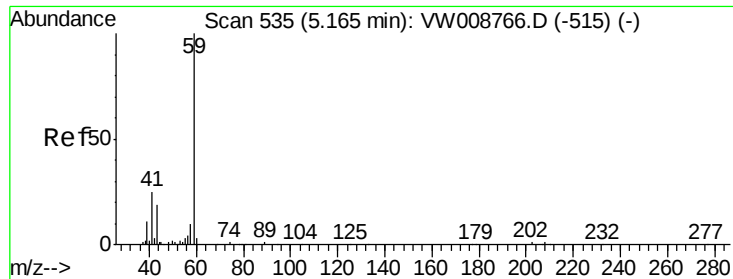
127 45.1 35.3 52.9

141 15.1 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



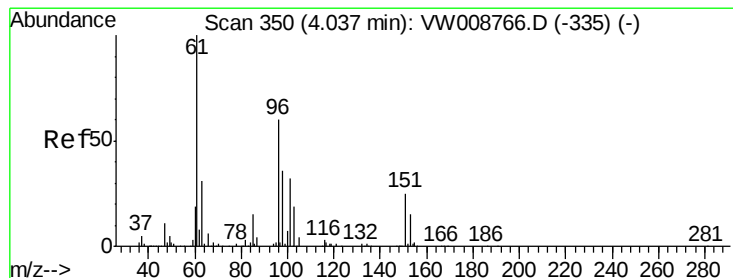
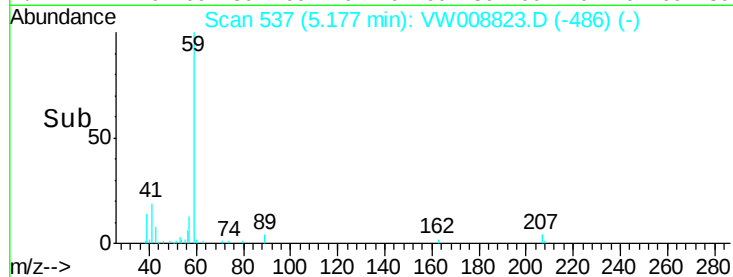
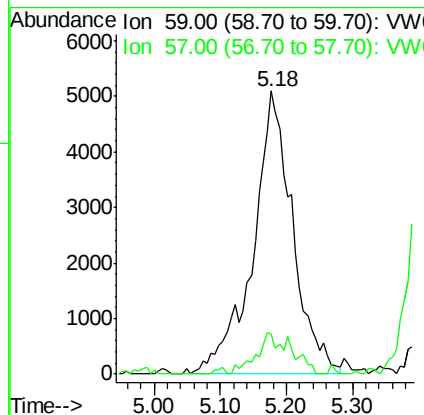
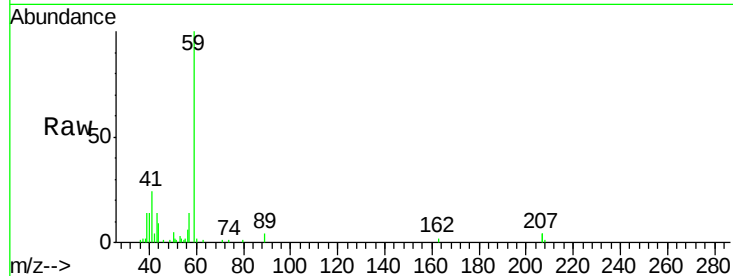


#11

Tert butyl alcohol
 Concen: 76.401 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0226SBS01

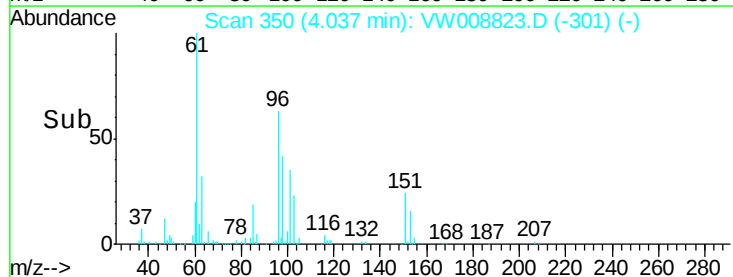
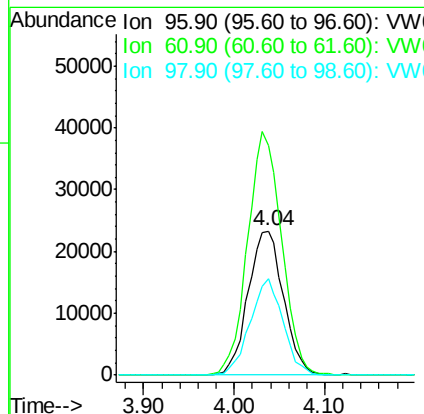
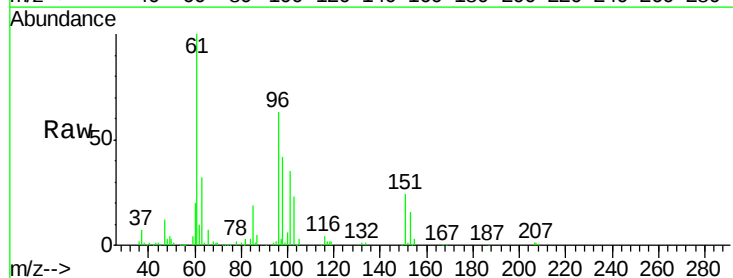
Tot Ion: 59 Resp: 21277
 Ion Ratio Lower Upper
 59 100
 57 8.6 9.3 13.9#

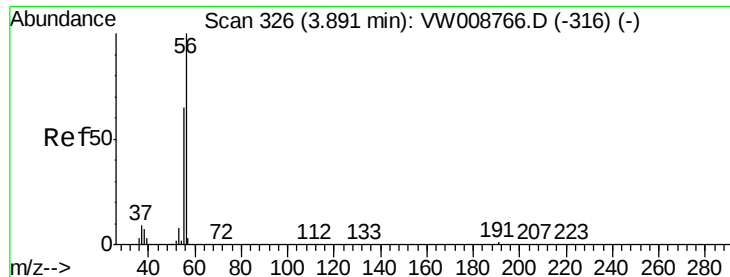


#12

1,1-Dichloroethene
 Concen: 21.515 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

Tgt Ion: 96 Resp: 62829
 Ion Ratio Lower Upper
 96 100
 61 159.7 132.5 198.7
 98 66.8 48.2 72.4





#13

Acrolein

Concen: 80.507 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

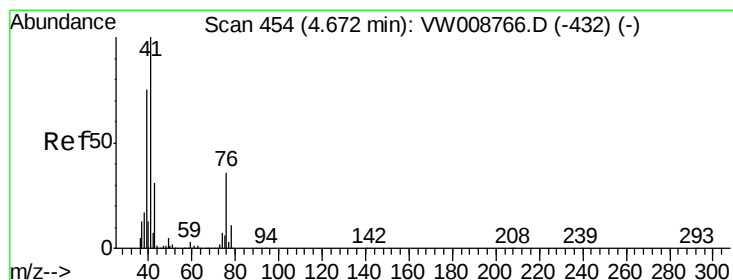
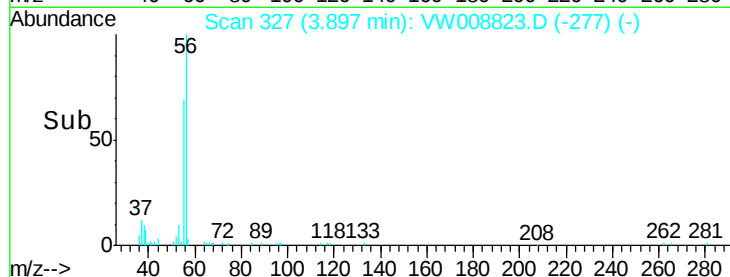
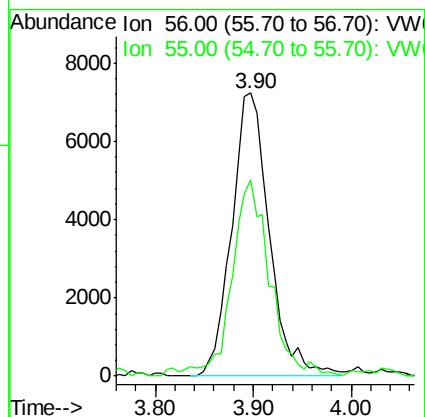
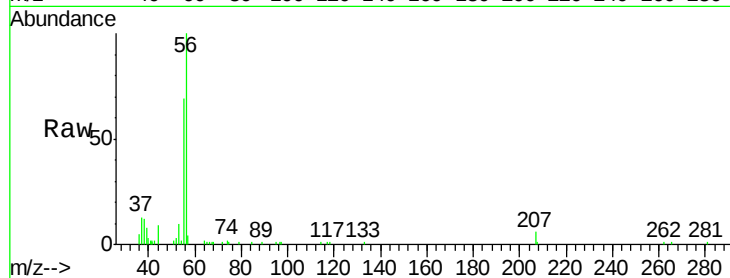
VW0226SBS01

Tot Ion: 56 Resp: 19371

Ion Ratio Lower Upper

56 100

55 64.0 56.9 85.3



#14

Allyl chloride

Concen: 19.998 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

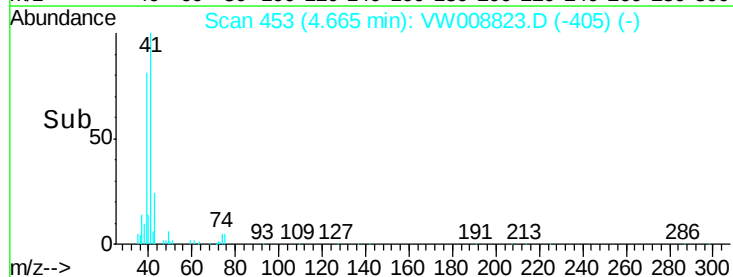
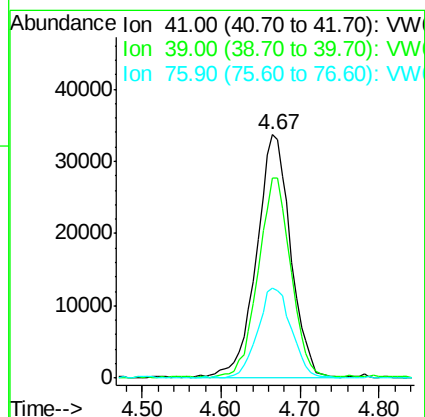
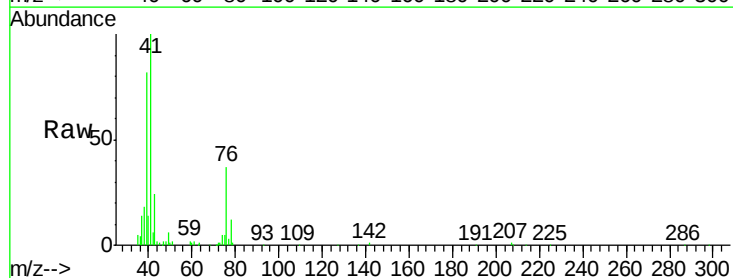
Tgt Ion: 41 Resp: 100792

Ion Ratio Lower Upper

41 100

39 78.4 60.6 91.0

76 36.9 28.6 42.8





#15

Acrylonitrile

Concen: 85.651 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0226SBS01

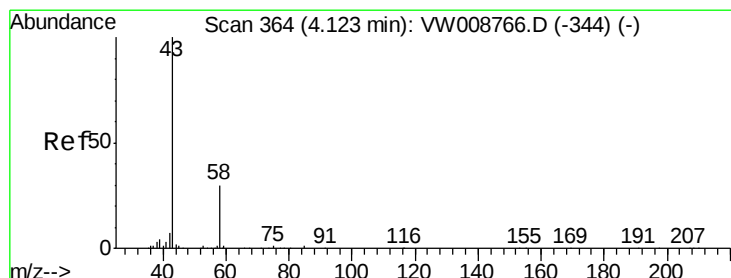
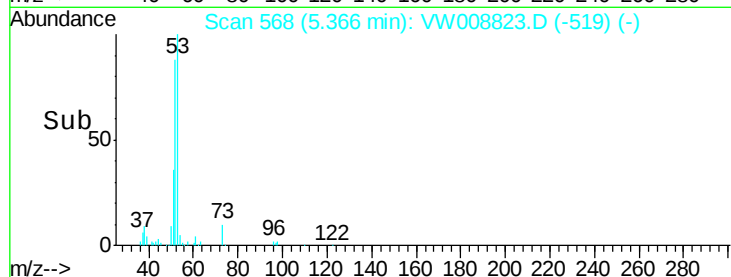
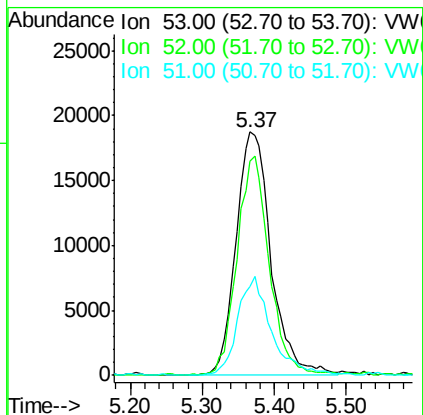
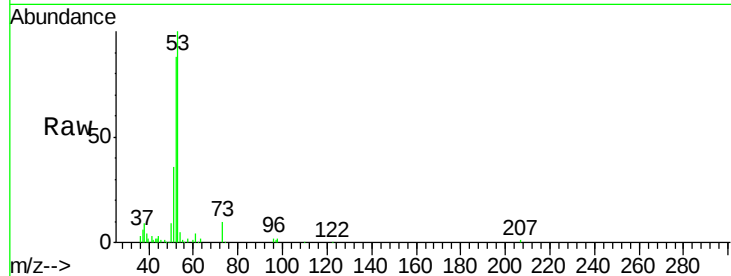
Tot Ion: 53 Resp: 63368

Ion Ratio Lower Upper

53 100

52 83.3 67.2 100.8

51 39.0 31.1 46.7



#16

Acetone

Concen: 83.039 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008823.D

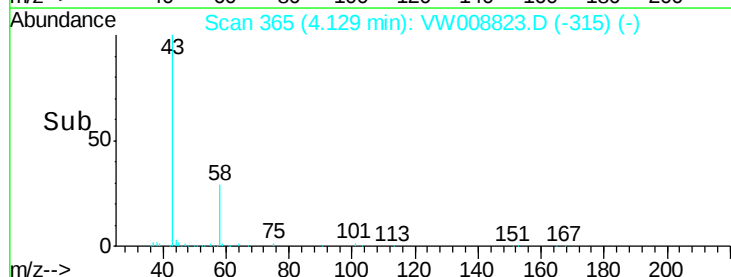
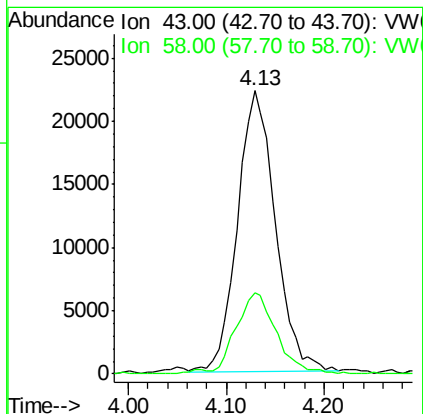
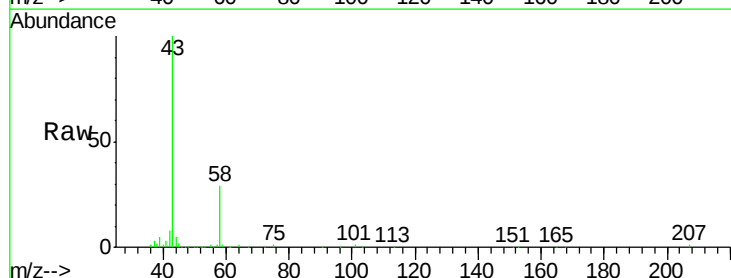
Acq: 26 Feb 2019 11:56

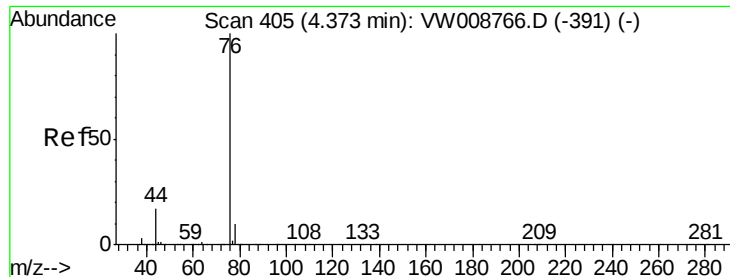
Tgt Ion: 43 Resp: 60211

Ion Ratio Lower Upper

43 100

58 28.7 23.8 35.6

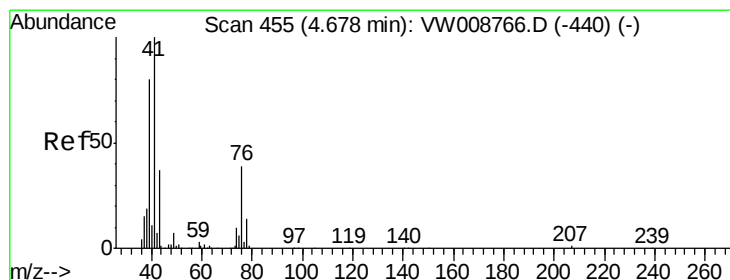
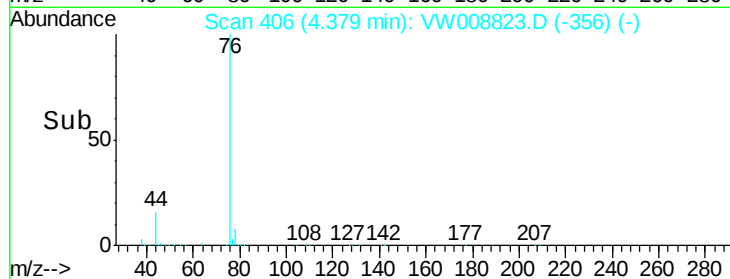
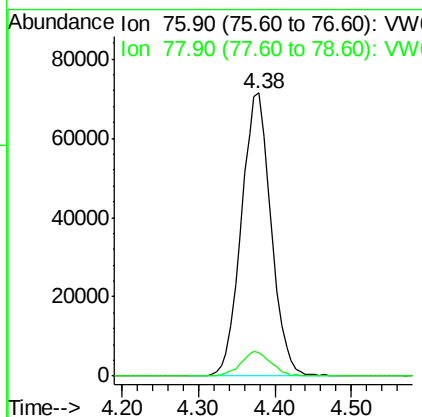
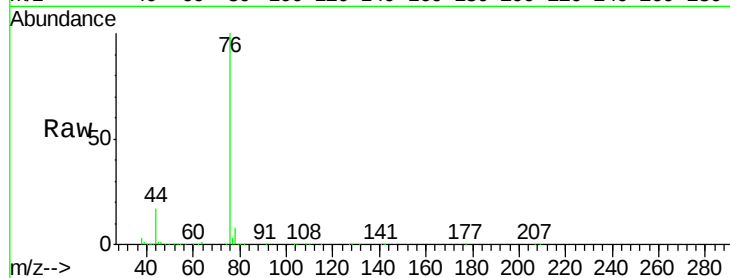




#17
Carbon Disulfide
Concen: 19.930 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

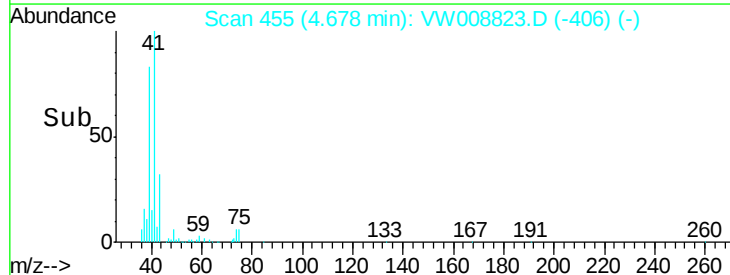
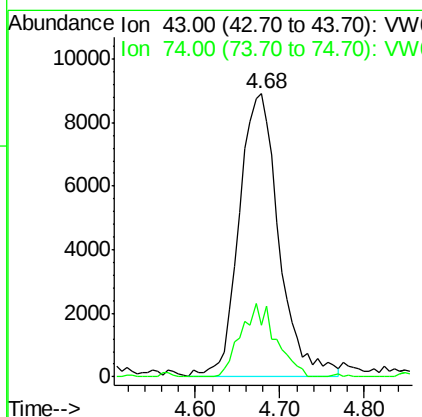
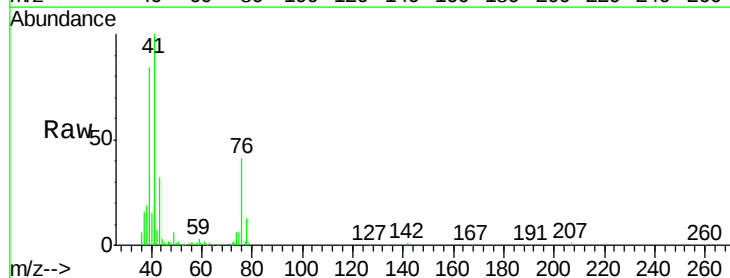
Instrument :
MSVOA_W
ClientSampleId :
VW0226SBS01

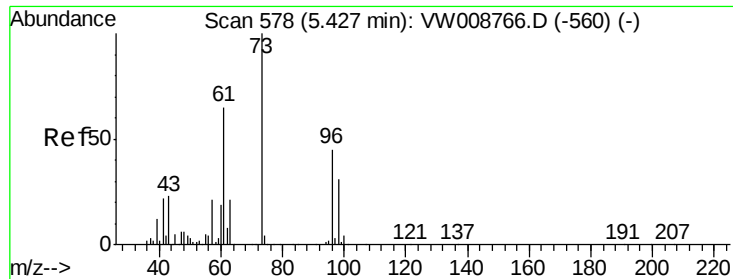
Tot Ion: 76 Resp: 193104
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.8



#18
Methyl Acetate
Concen: 16.624 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Tgt Ion: 43 Resp: 28591
Ion Ratio Lower Upper
43 100
74 22.7 19.4 29.2

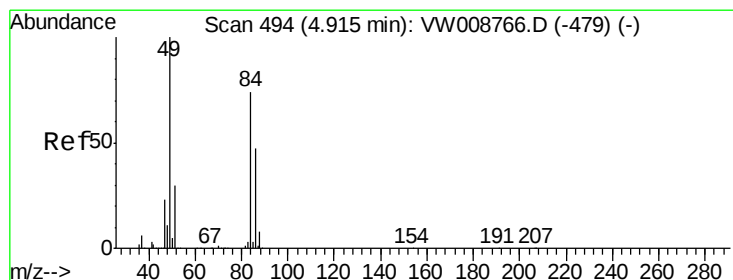
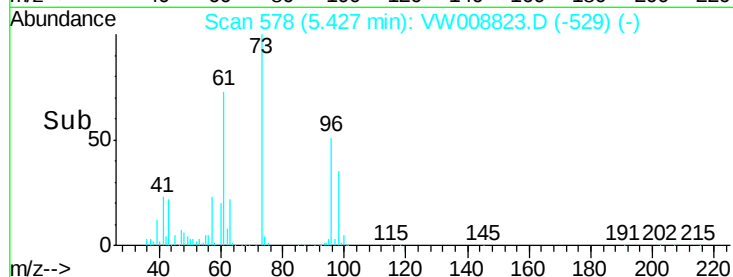
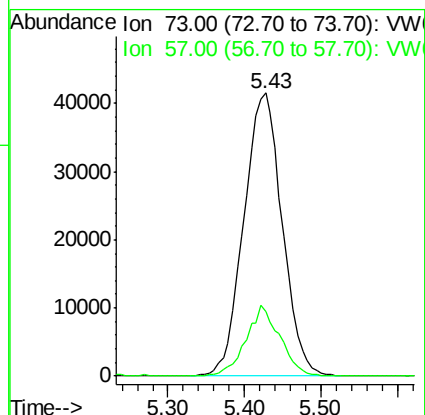
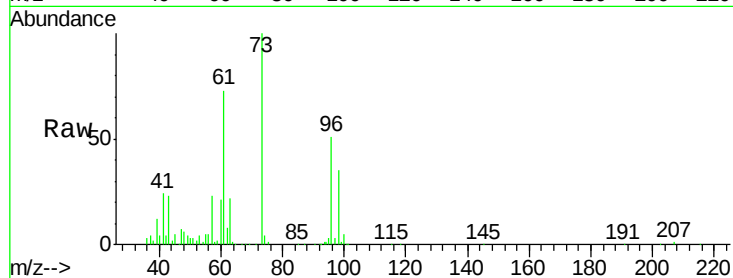




#19
Methyl tert-butyl Ether
Concen: 18.335 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

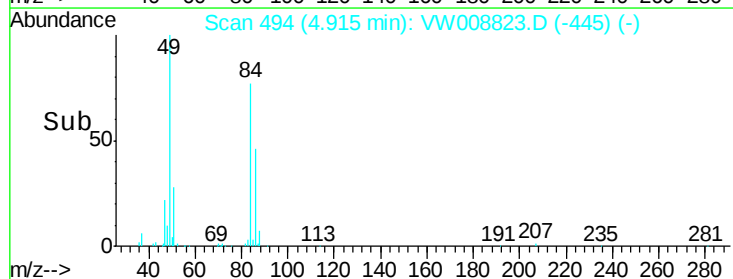
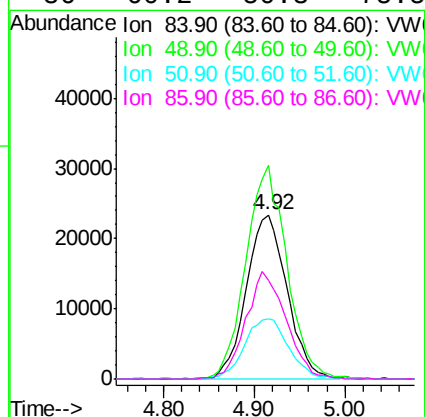
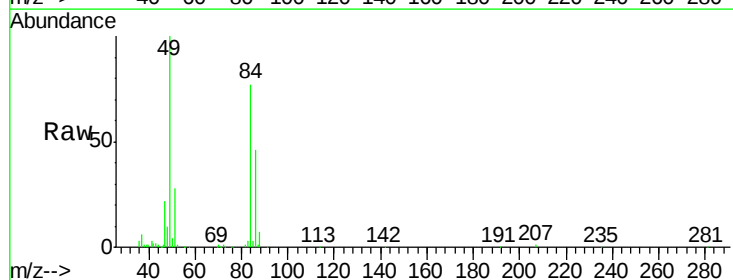
Instrument :
MSVOA_W
ClientSampleId :
VW0226SBS01

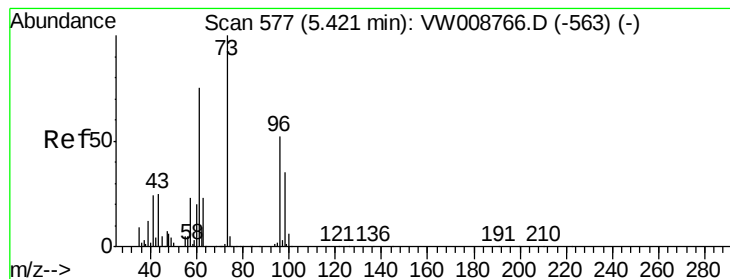
Tot Ion: 73 Resp: 144923
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2



#20
Methylene Chloride
Concen: 17.009 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Tgt Ion: 84 Resp: 72795
Ion Ratio Lower Upper
84 100
49 129.6 108.2 162.2
51 36.3 32.7 49.1
86 60.2 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 20.834 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0226SBS01

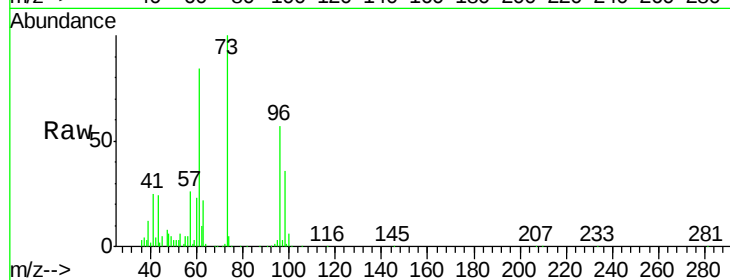
Tot Ion: 96 Resp: 70377

Ion Ratio Lower Upper

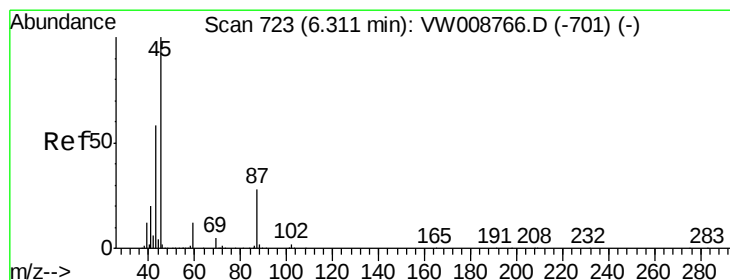
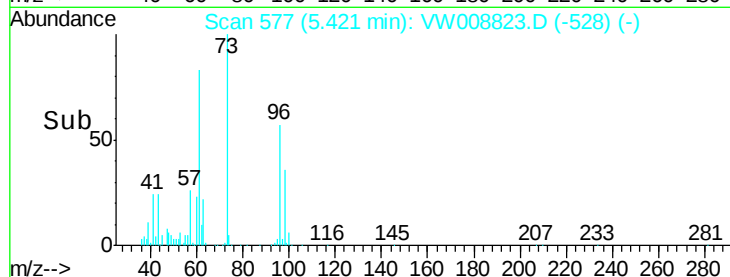
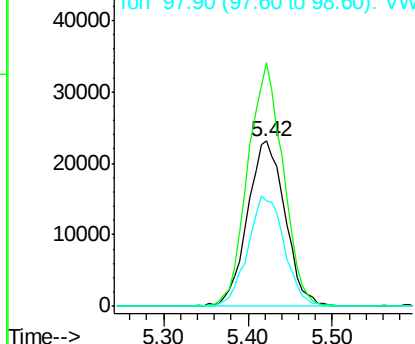
96 100

61 147.2 114.6 171.8

98 64.1 54.0 81.0



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



#22

Diisopropyl ether

Concen: 19.751 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Tgt Ion: 45 Resp: 198577

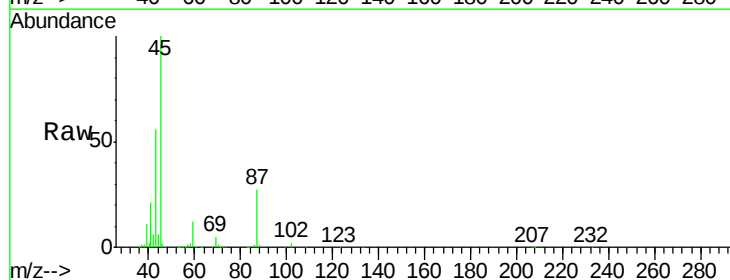
Ion Ratio Lower Upper

45 100

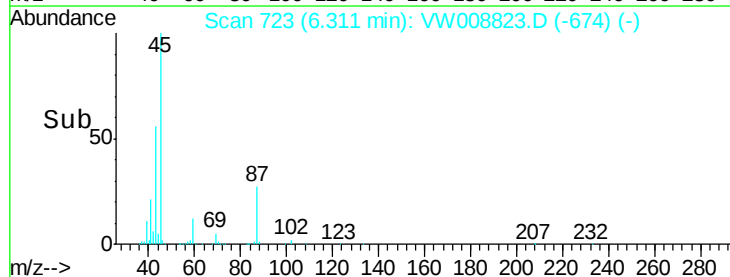
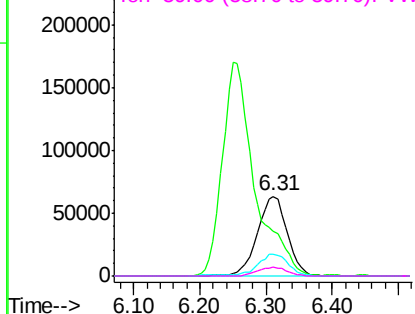
43 55.7 46.1 69.1

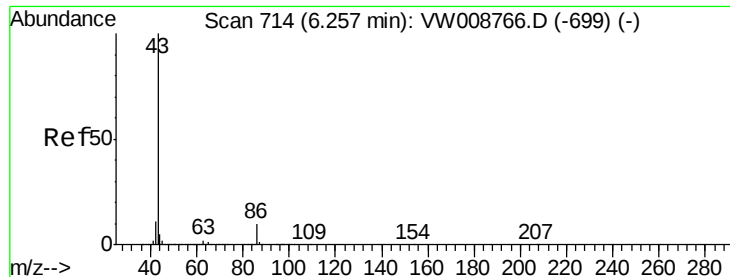
87 27.3 22.2 33.4

59 11.6 10.0 15.0



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





#23

Vinyl Acetate

Concen: 92.648 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

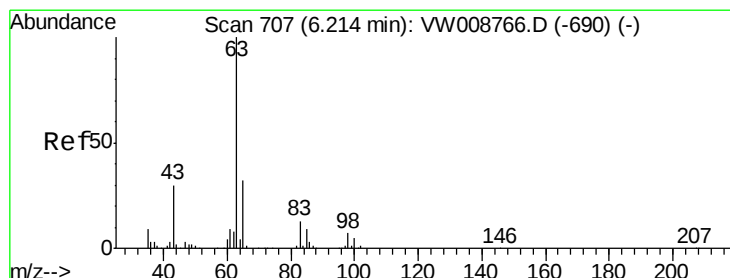
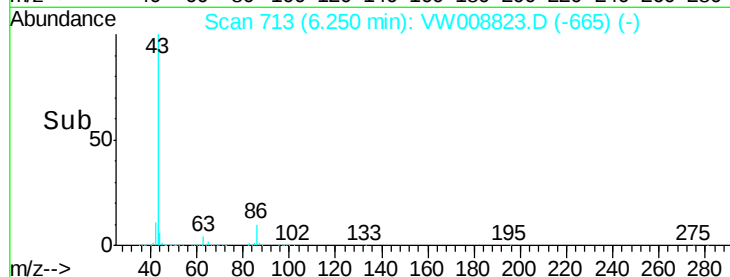
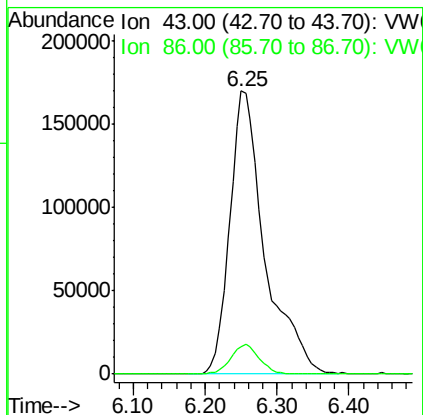
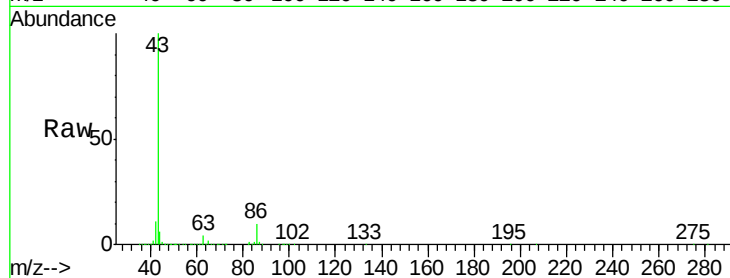
VW0226SBS01

Tot Ion: 43 Resp: 575527

Ion Ratio Lower Upper

43 100

86 9.8 8.1 12.1



#24

1,1-Dichloroethane

Concen: 20.861 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

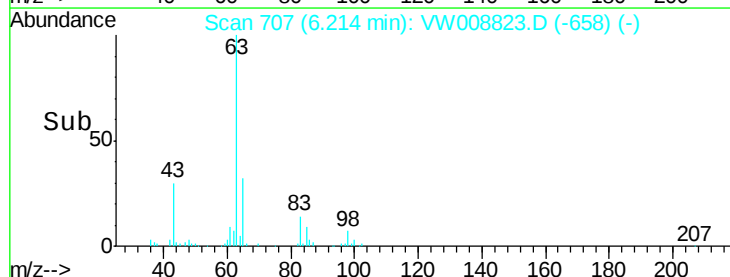
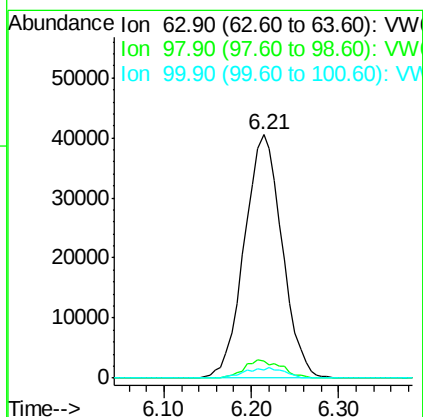
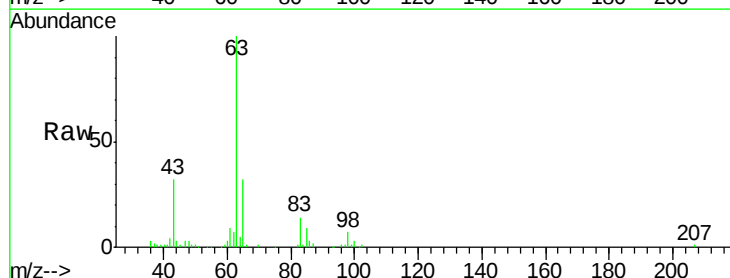
Tgt Ion: 63 Resp: 121536

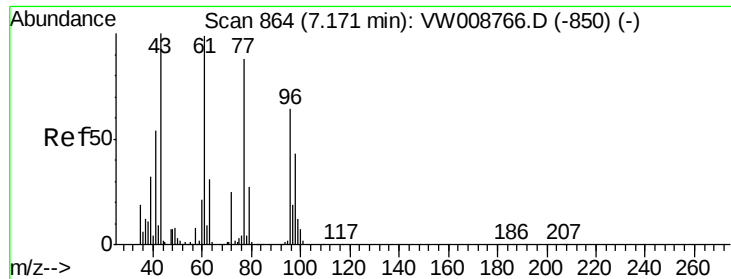
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.6

100 3.4 2.4 7.2





#25

2-Butanone

Concen: 81.756 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

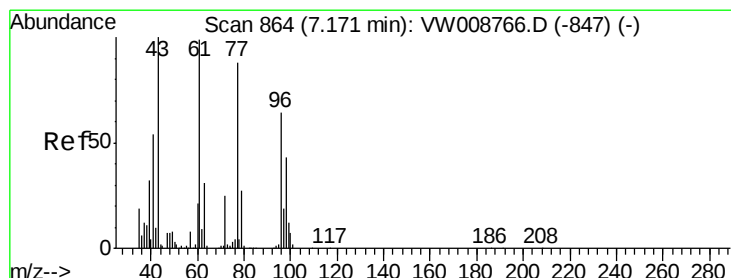
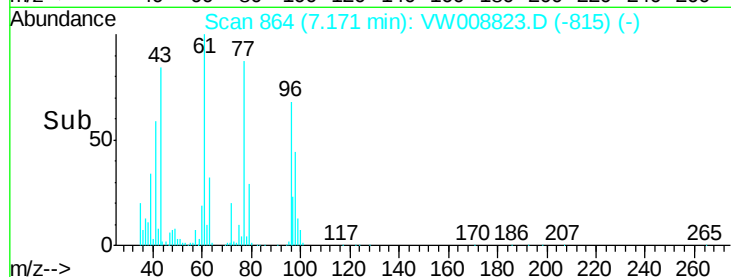
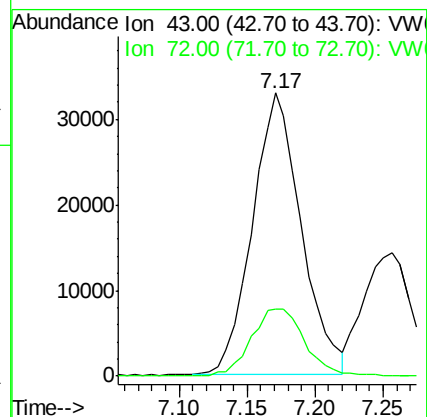
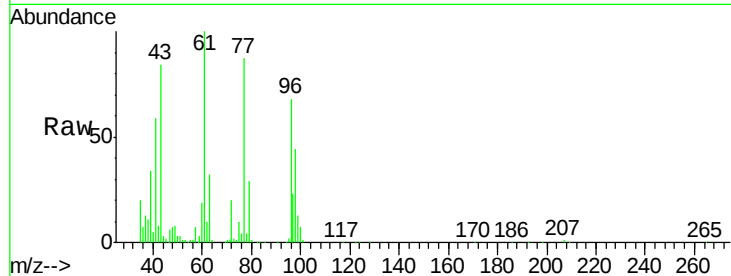
VW0226SBS01

Tot Ion: 43 Resp: 82878

Ion Ratio Lower Upper

43 100

72 23.4 19.7 29.5



#26

2,2-Dichloropropane

Concen: 21.716 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008823.D

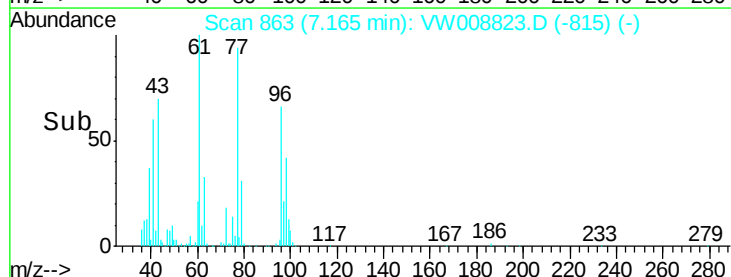
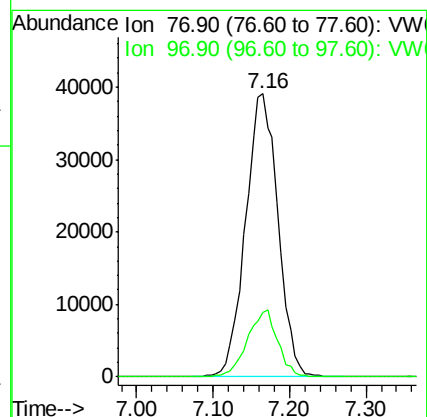
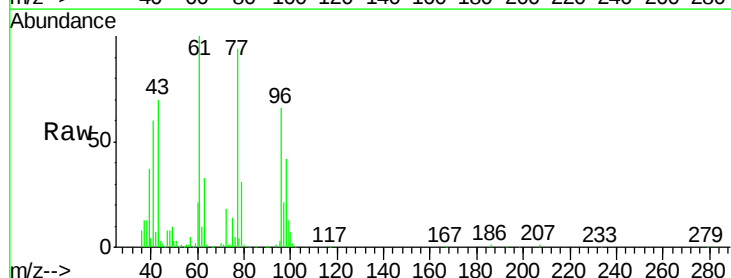
Acq: 26 Feb 2019 11:56

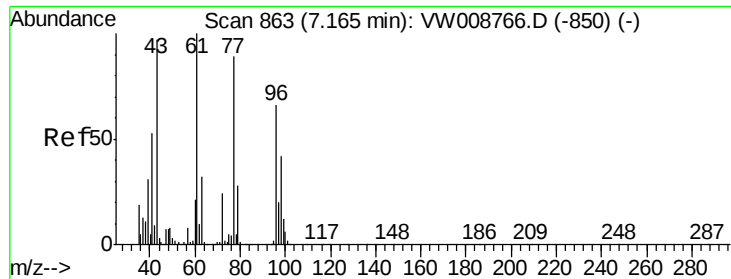
Tgt Ion: 77 Resp: 114863

Ion Ratio Lower Upper

77 100

97 22.0 11.0 33.0



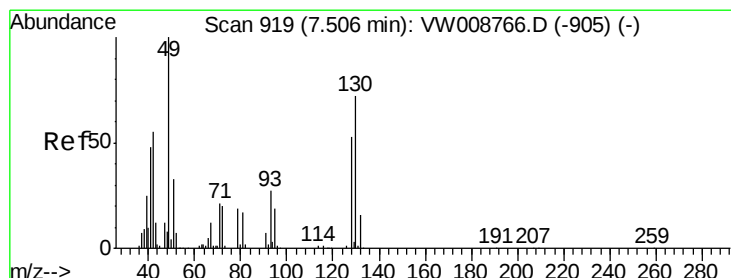
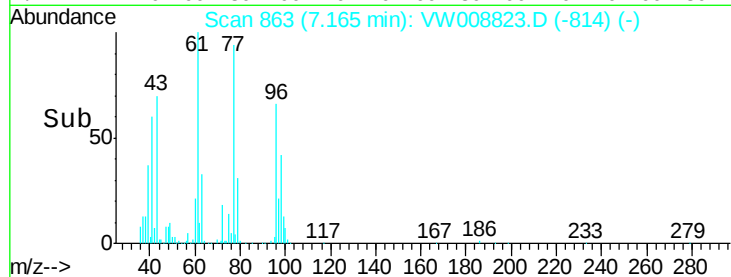
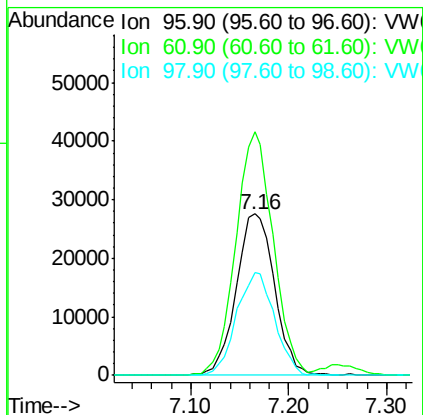
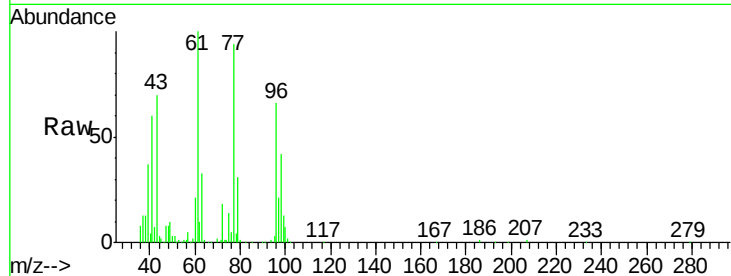


#27

cis-1,2-Dichloroethene
Concen: 20.716 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :
VW0226SBS01

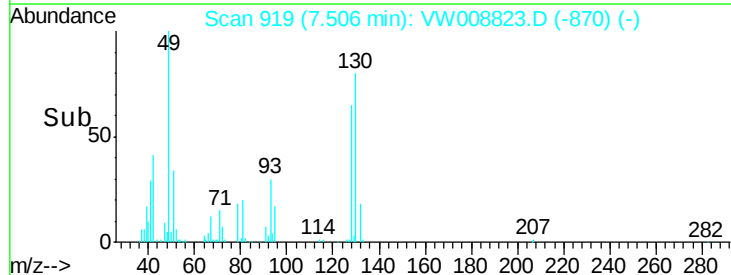
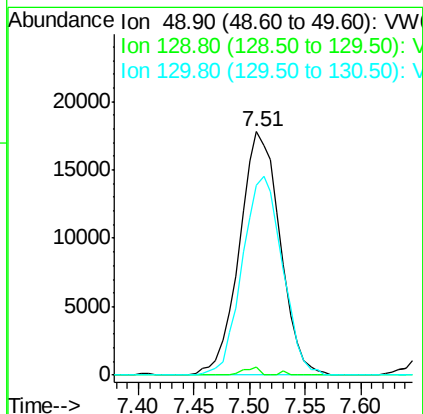
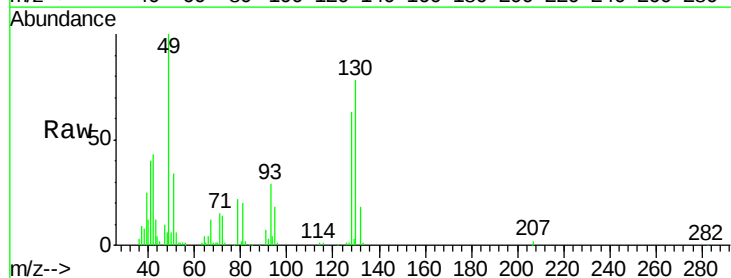
Tot Ion: 96 Resp: 74854
Ion Ratio Lower Upper
96 100
61 147.2 0.0 302.6
98 63.4 0.0 130.0

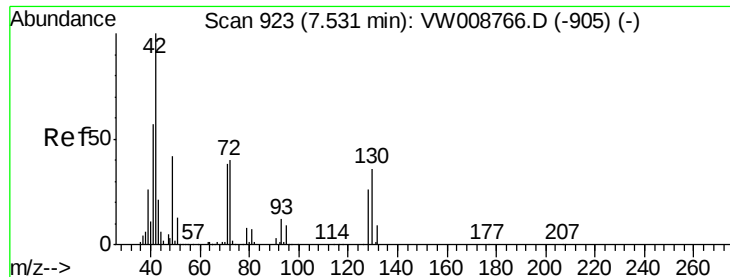


#28

Bromochloromethane
Concen: 18.553 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Tgt Ion: 49 Resp: 45234
Ion Ratio Lower Upper
49 100
129 1.2 0.0 2.6
130 80.7 61.3 91.9

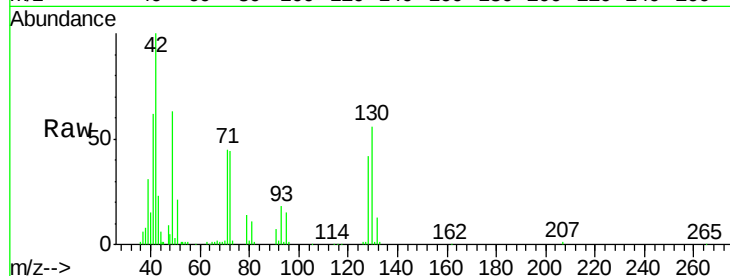




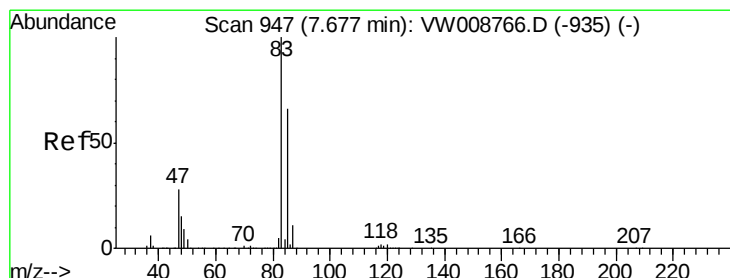
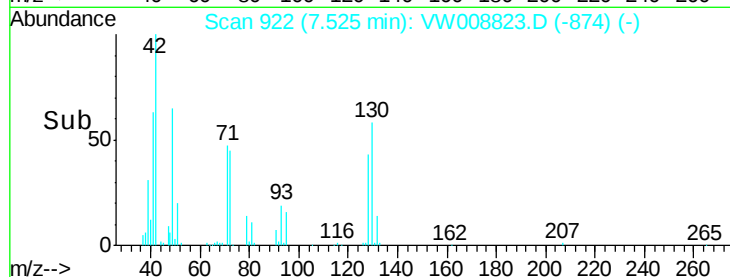
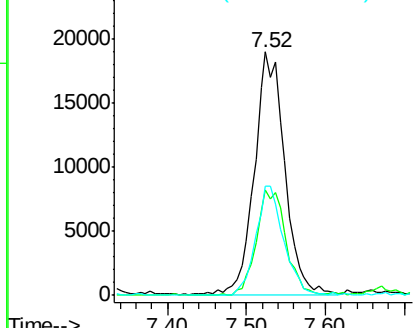
#29
Tetrahydrofuran
Concen: 78.825 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :
VW0226SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	32.7	49.1
71	41.3	31.3	46.9

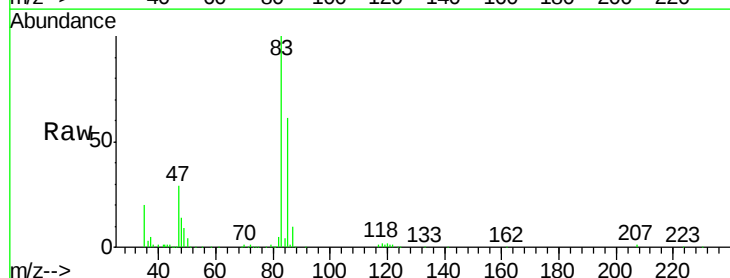


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

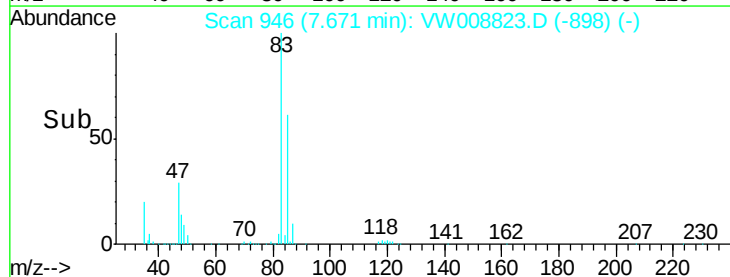
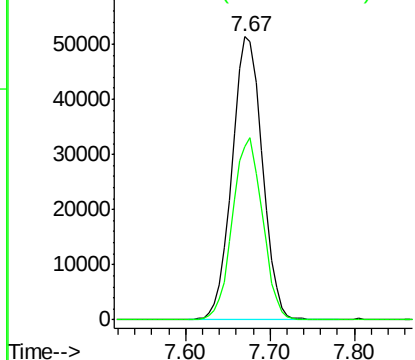


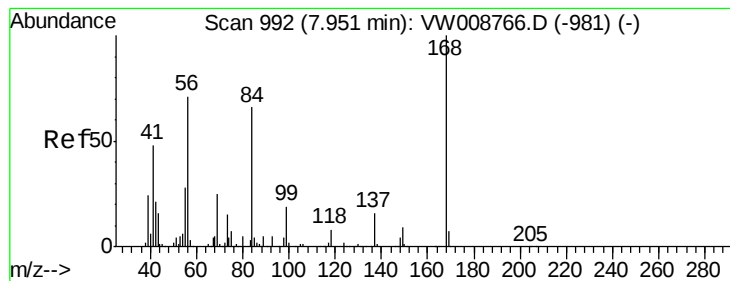
#30
Chloroform
Concen: 20.933 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.3	52.6	79.0



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





#31

Cyclohexane

Concen: 21.164 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0226SBS01

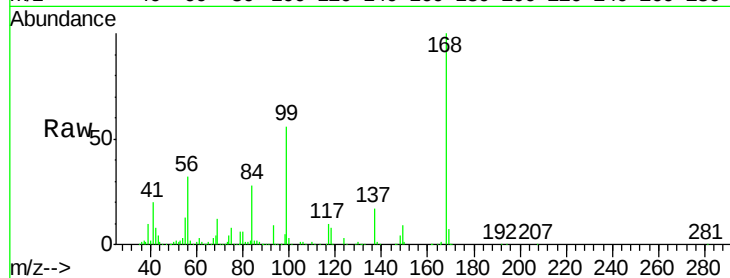
Tot Ion: 56 Resp: 124815

Ion Ratio Lower Upper

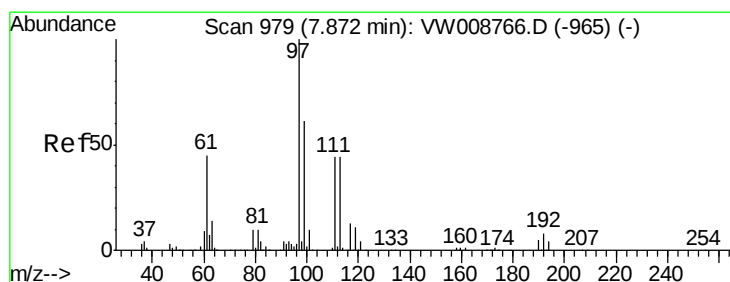
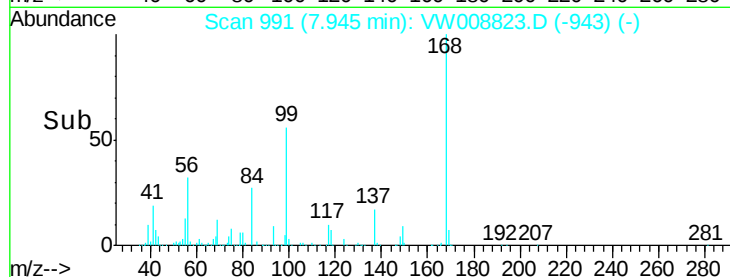
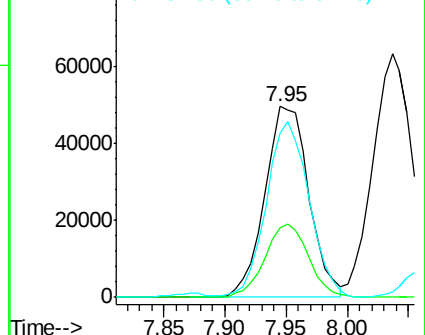
56 100

69 36.4 28.2 42.4

84 84.4 74.1 111.1



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



#32

1,1,1-Trichloroethane

Concen: 21.274 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

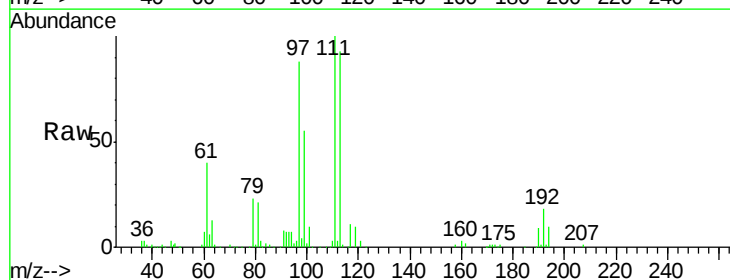
Tgt Ion: 97 Resp: 115632

Ion Ratio Lower Upper

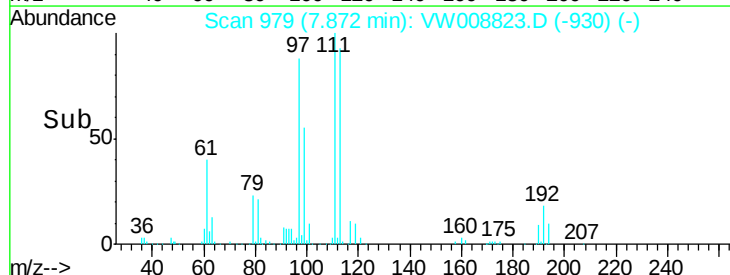
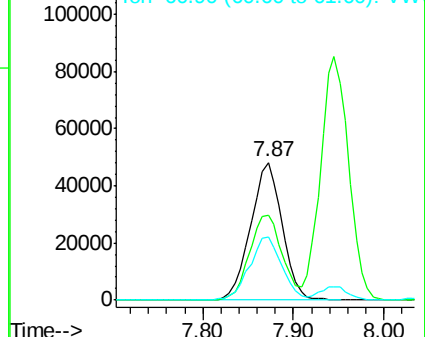
97 100

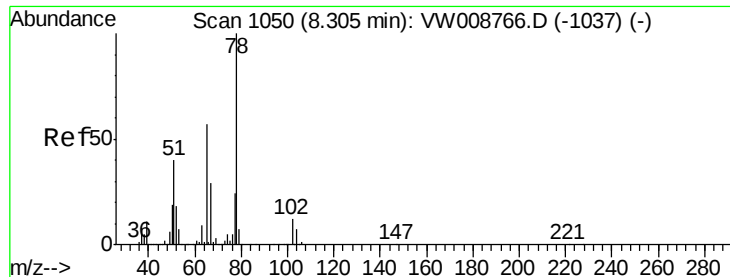
99 65.3 50.8 76.2

61 46.9 36.0 54.0



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 46.869 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

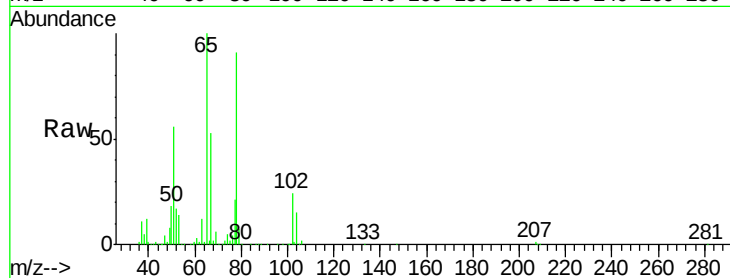
VW0226SBS01

Tot Ion: 65 Resp: 146615

Ion Ratio Lower Upper

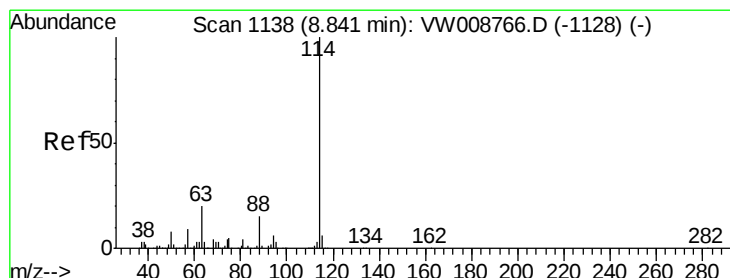
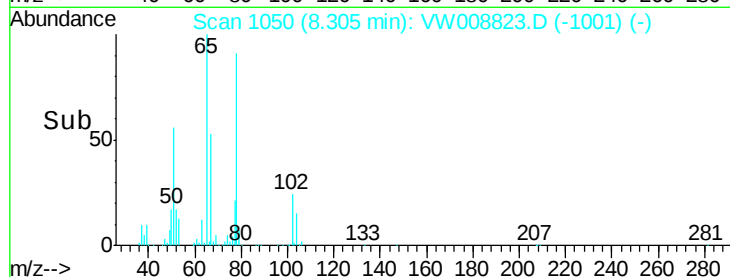
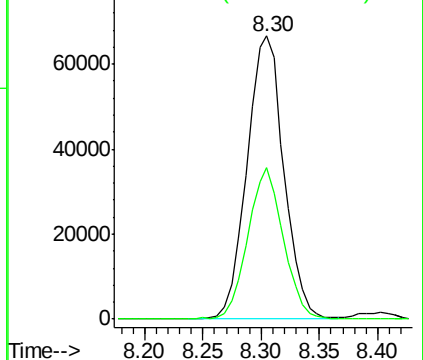
65 100

67 51.3 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

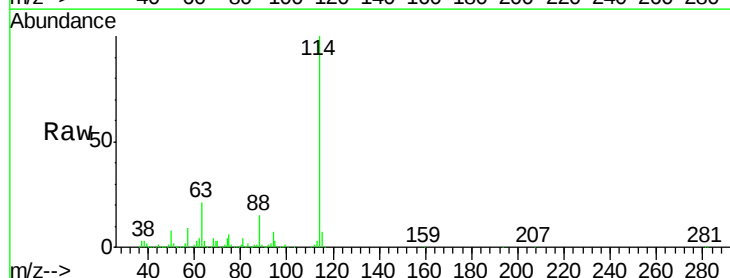
Tgt Ion: 114 Resp: 475149

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

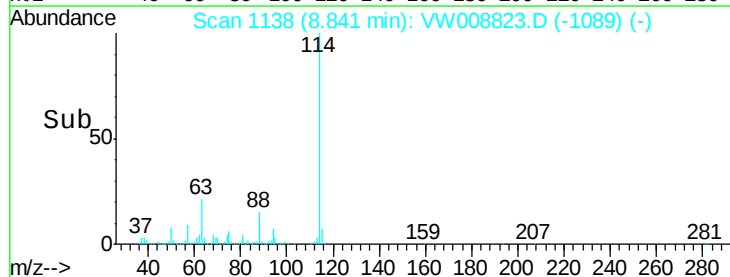
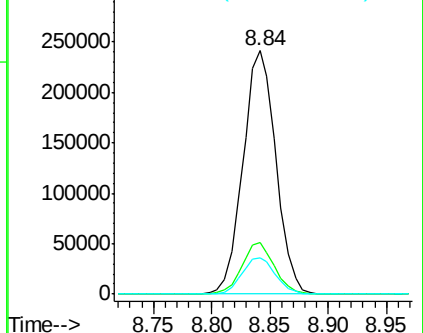
88 15.1 0.0 30.4

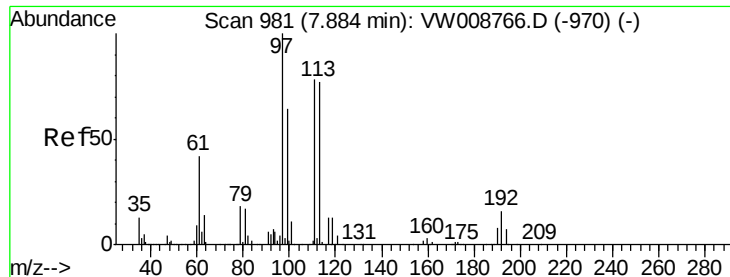


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 50.421 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0226SBS01

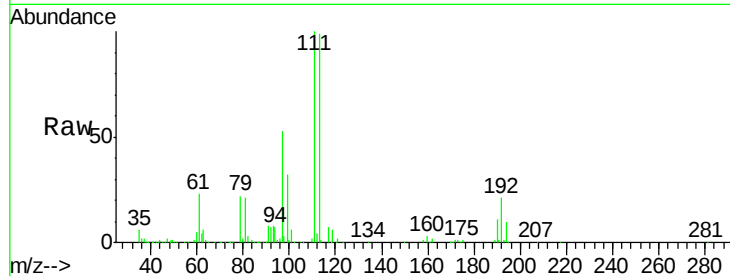
Tot Ion:113 Resp: 143844

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

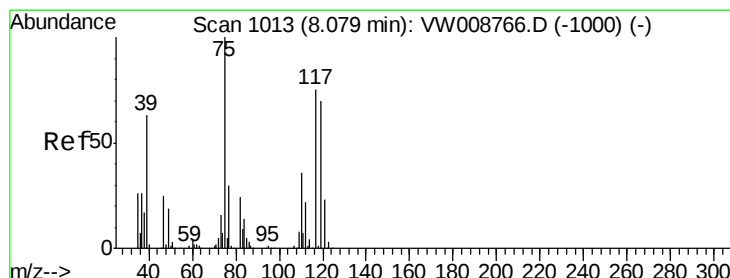
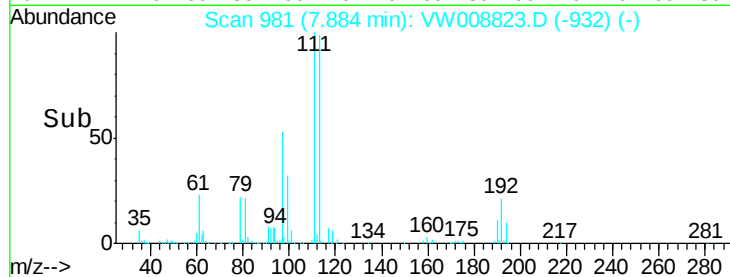
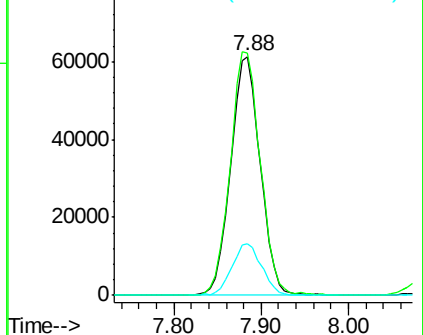
192 21.7 17.1 25.7



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: 22.350 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

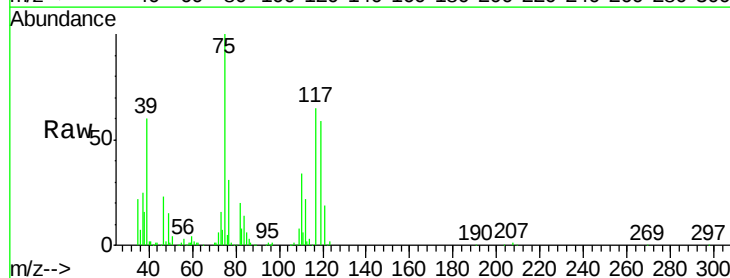
Tgt Ion: 75 Resp: 103375

Ion Ratio Lower Upper

75 100

110 35.4 17.5 52.6

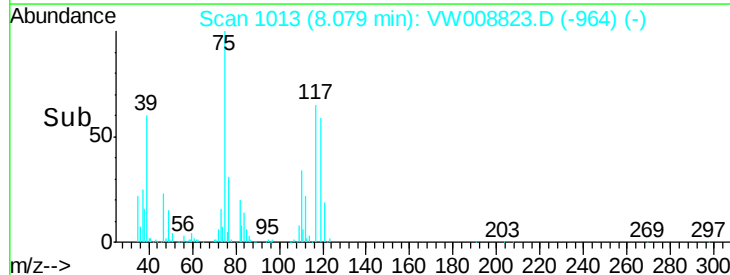
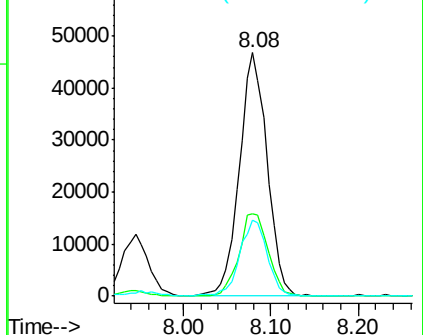
77 31.1 24.5 36.7

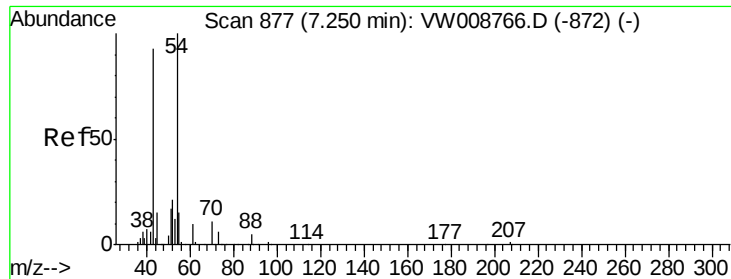


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

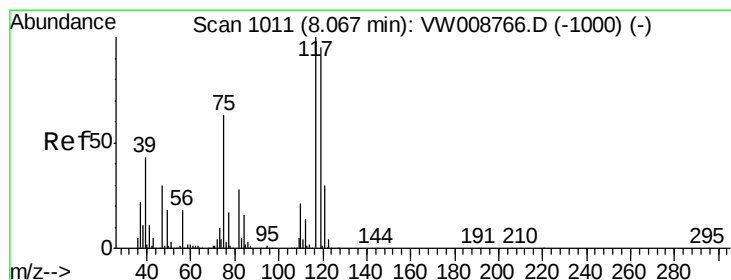
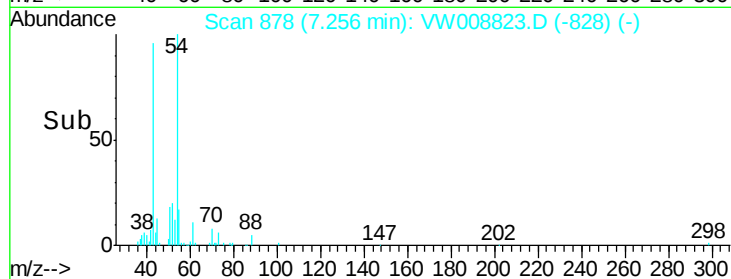
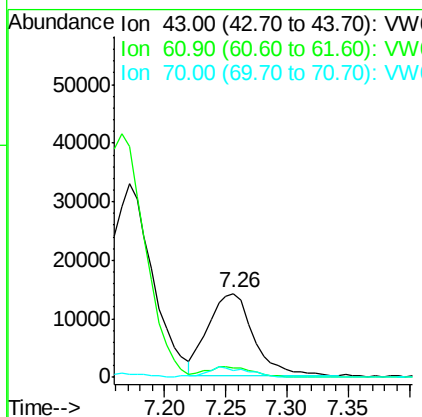
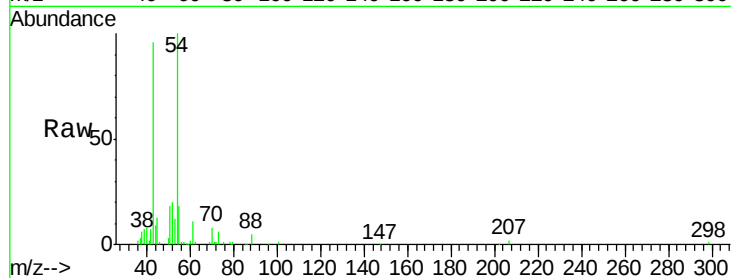




#37
Ethyl Acetate
Concen: 17.016 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

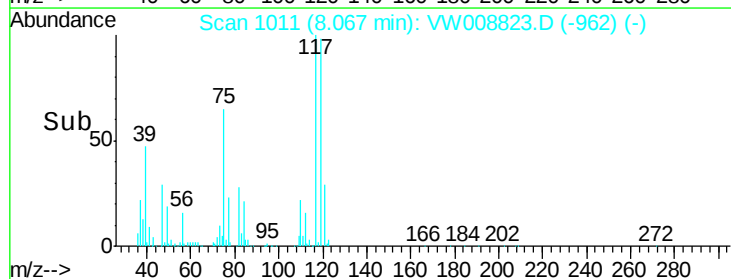
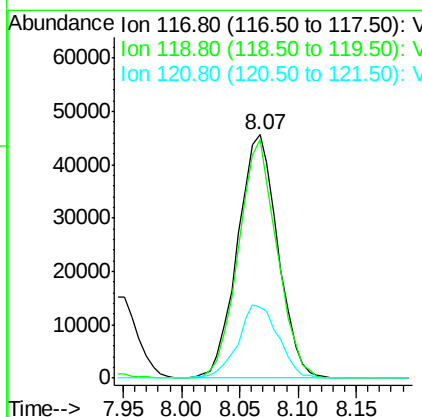
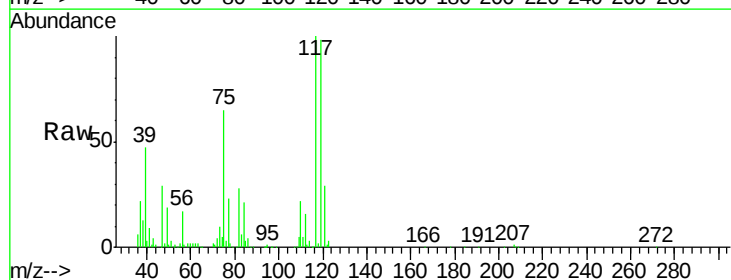
Instrument :
MSVOA_W
ClientSampled :
VW0226SBS01

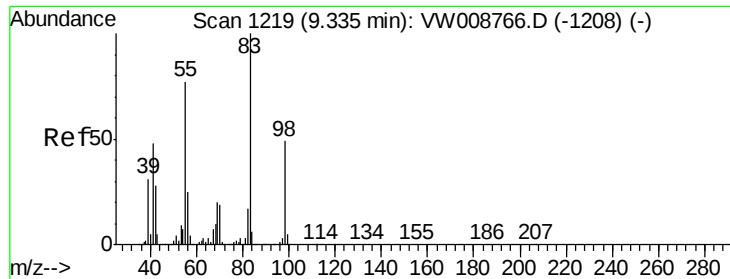
Tot Ion: 43 Resp: 36600
Ion Ratio Lower Upper
43 100
61 11.9 9.8 14.8
70 11.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 22.436 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Tgt Ion: 117 Resp: 109437
Ion Ratio Lower Upper
117 100
119 98.0 76.1 114.1
121 29.1 24.0 36.0

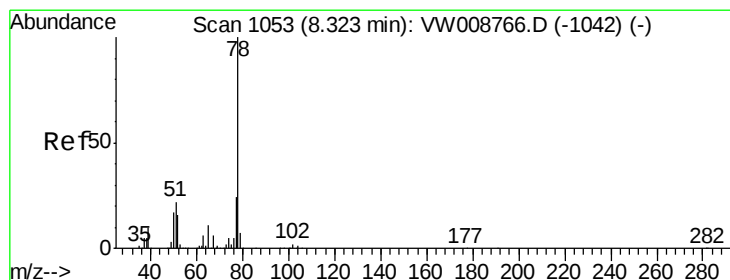
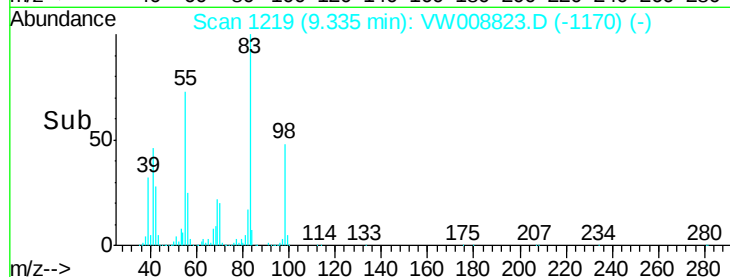
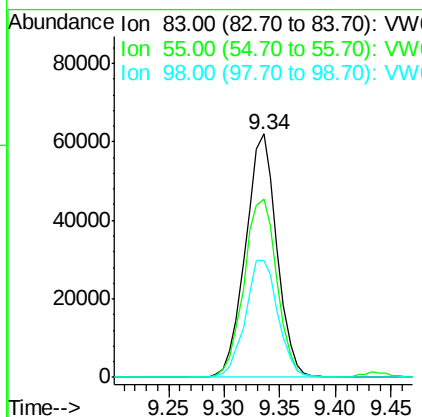
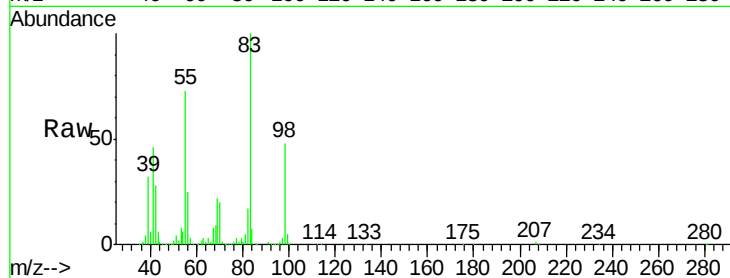




#39
Methvlcvclohexane
Concen: 21.039 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

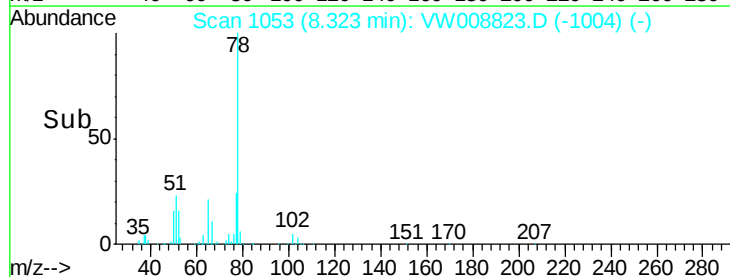
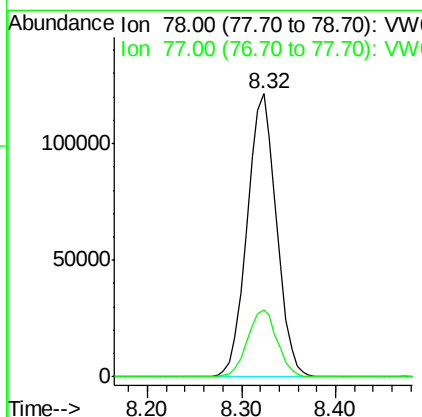
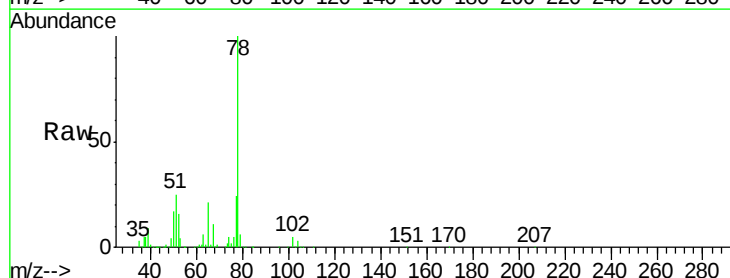
Instrument :
MSVOA_W
ClientSampleId :
VW0226SBS01

Tot Ion	83	Resp	121377
Ion	Ratio	Lower	Upper
83	100		
55	73.1	61.2	91.8
98	48.0	39.4	59.2



#40
Benzene
Concen: 20.991 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Tgt Ion	78	Resp	265084
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





#41

Methacrylonitrile

Concen: 18.043 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0226SBS01

Tot Ion: 41 Resp: 22812

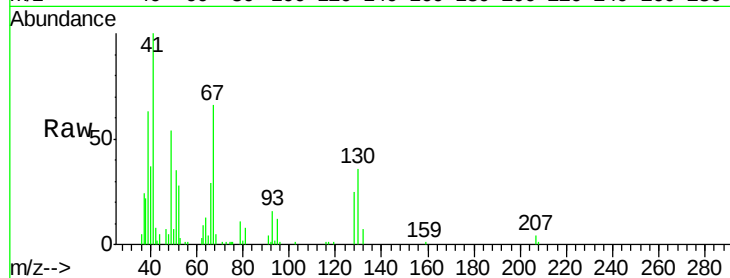
Ion Ratio Lower Upper

41 100

39 54.8 52.5 78.7

67 63.5 55.0 82.6

52 29.5 26.9 40.3

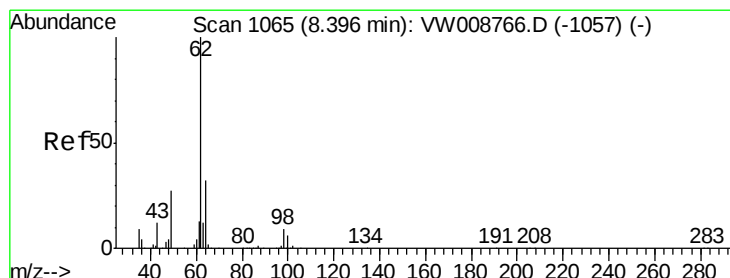
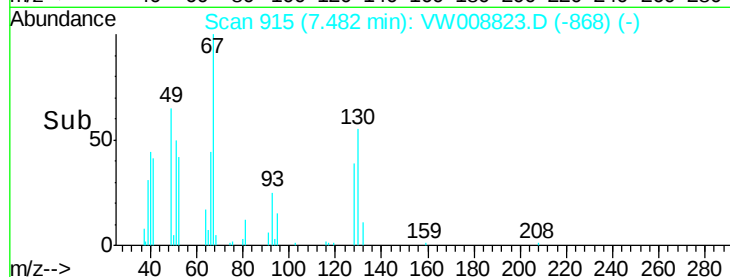
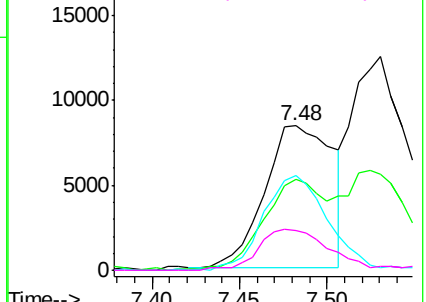


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 19.359 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW008823.D

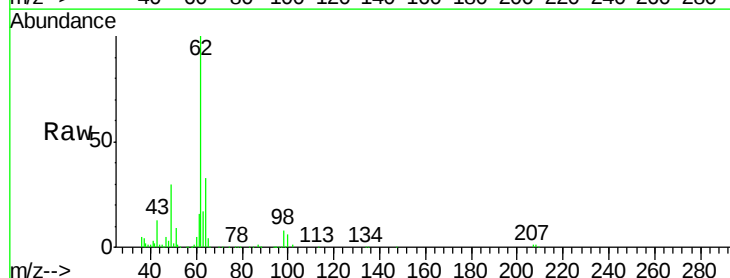
Acq: 26 Feb 2019 11:56

Tgt Ion: 62 Resp: 77442

Ion Ratio Lower Upper

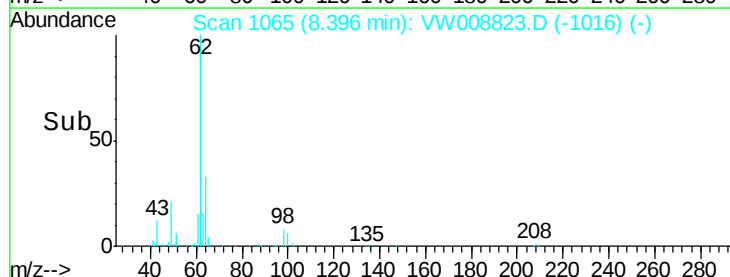
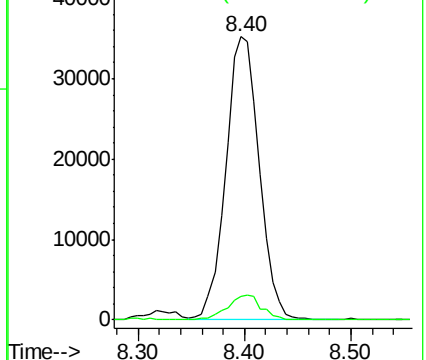
62 100

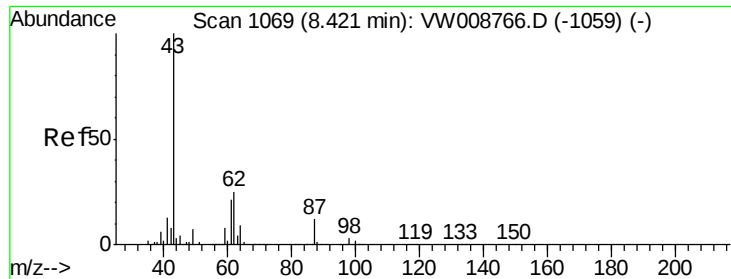
98 9.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW



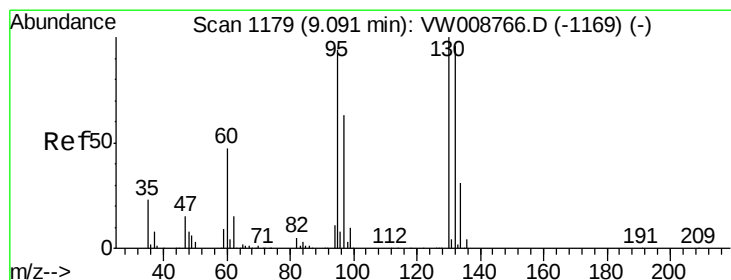
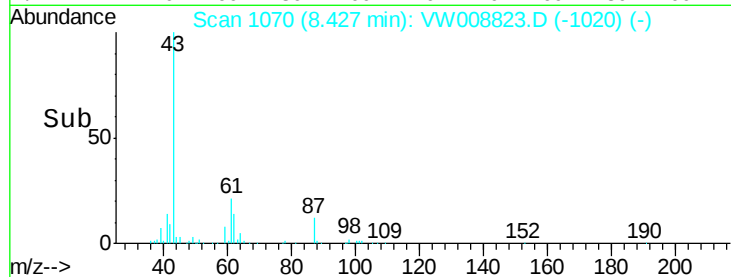
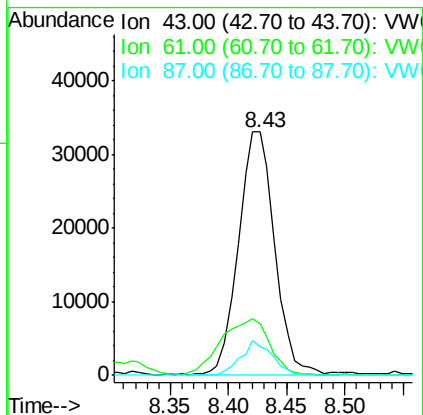
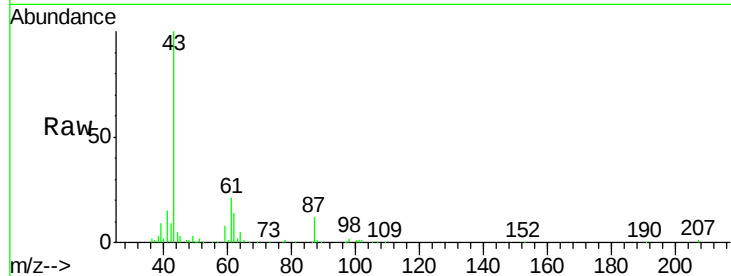


#43

Isopropyl Acetate
 Concen: 16.593 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. 0.01 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0226SBS01

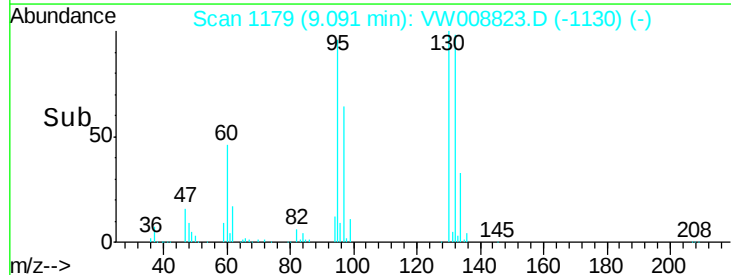
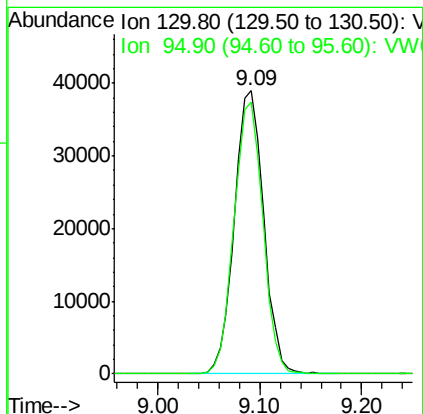
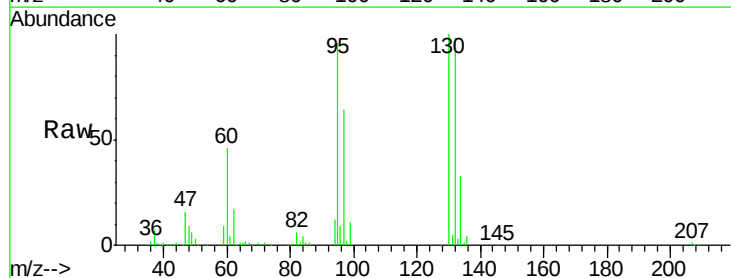
Tot Ion	43	Resp	71227
Ion Ratio	Lower	Upper	
43	100		
61	31.5	23.2	34.8
87	12.8	9.9	14.9

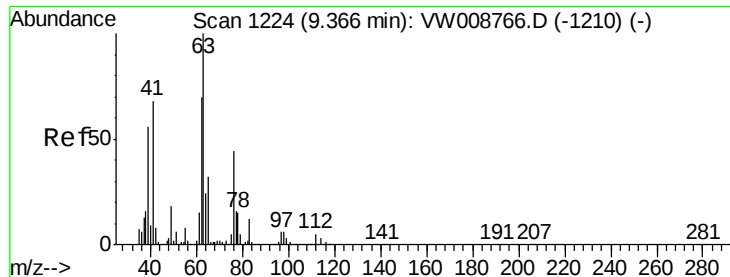


#44

Trichloroethene
 Concen: 21.741 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

Tgt Ion	130	Resp	77343
Ion Ratio	Lower	Upper	
130	100		
95	96.0	0.0	188.6





#45

1,2-Dichloropropane

Concen: 20.800 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

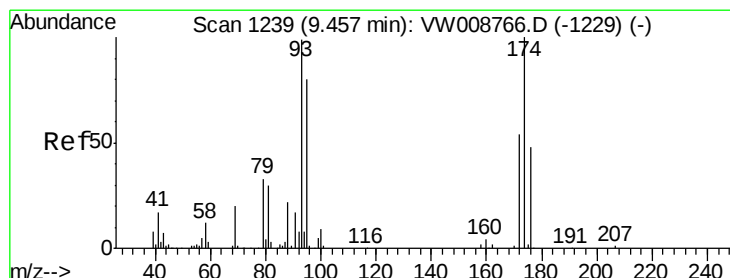
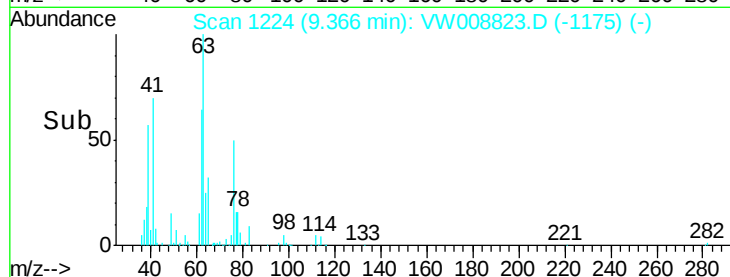
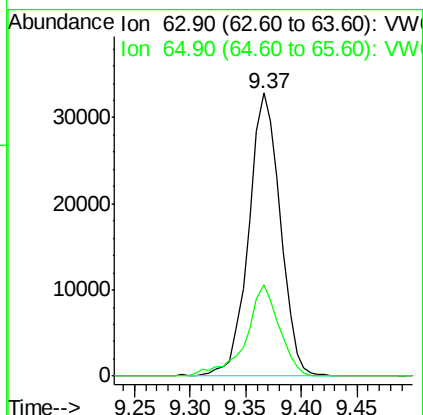
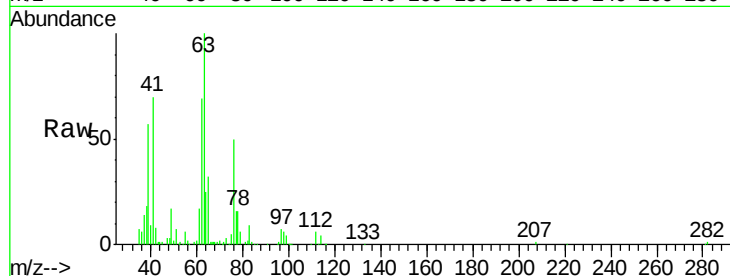
VW0226SBS01

Tot Ion: 63 Resp: 64910

Ion Ratio Lower Upper

63 100

65 32.2 25.5 38.3



#46

Dibromomethane

Concen: 19.765 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

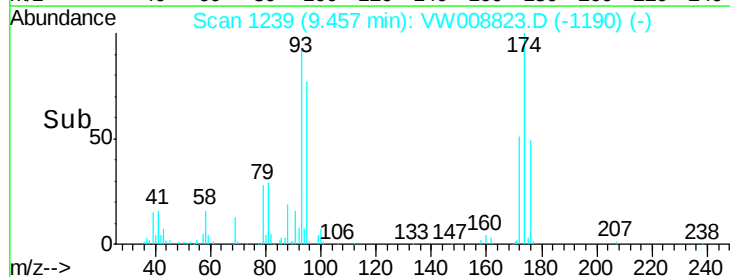
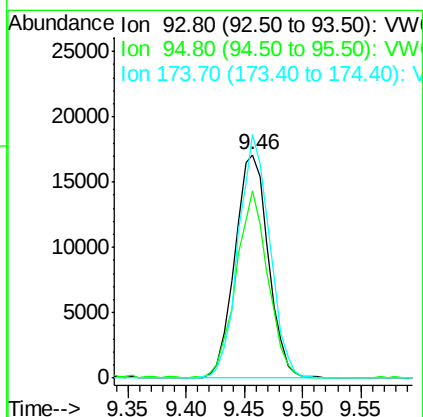
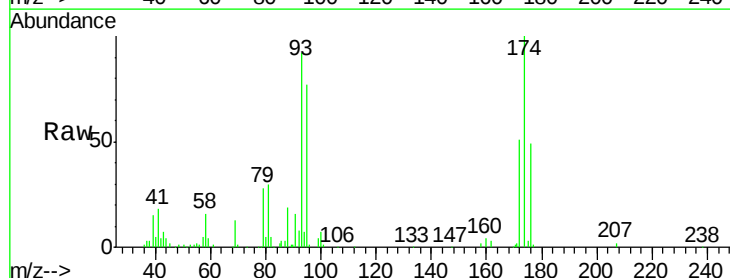
Tgt Ion: 93 Resp: 34308

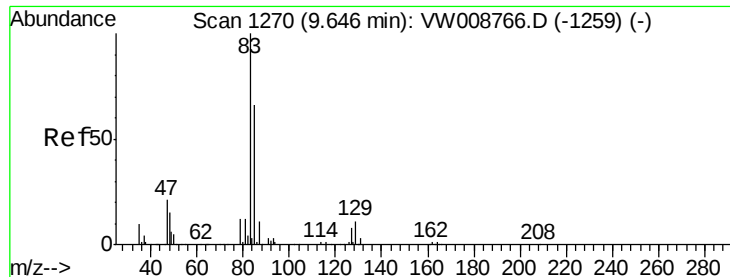
Ion Ratio Lower Upper

93 100

95 79.9 67.7 101.5

174 102.3 86.7 130.1

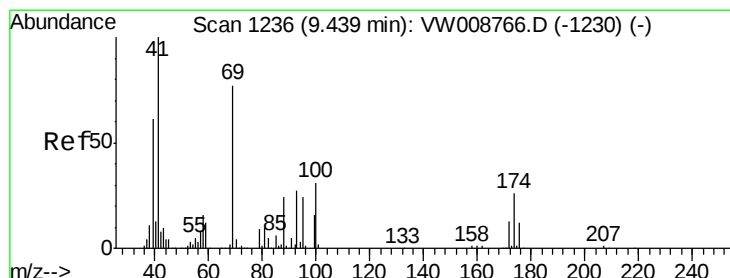
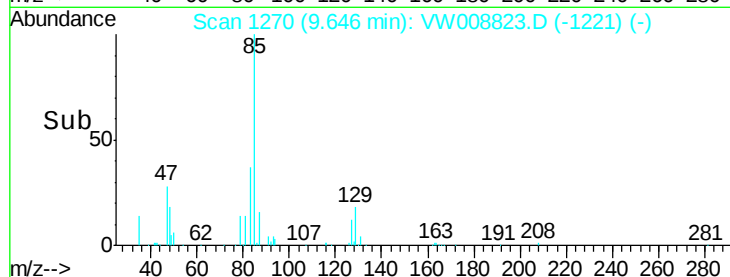
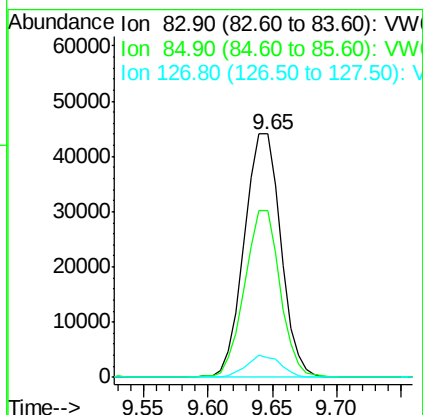
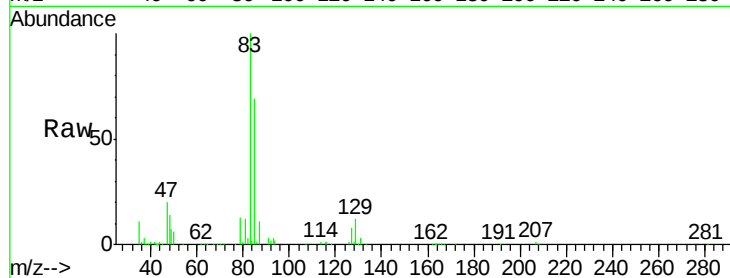




#47
Bromodichloromethane
Concen: 20.528 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

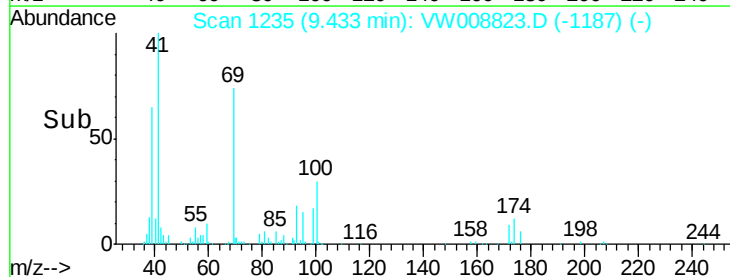
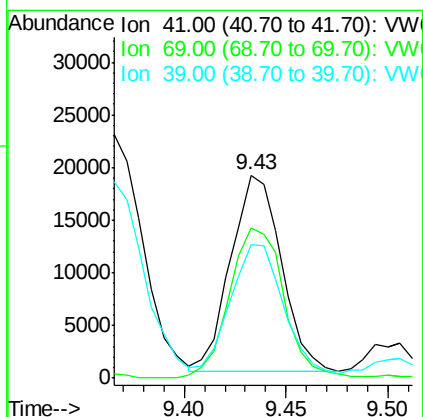
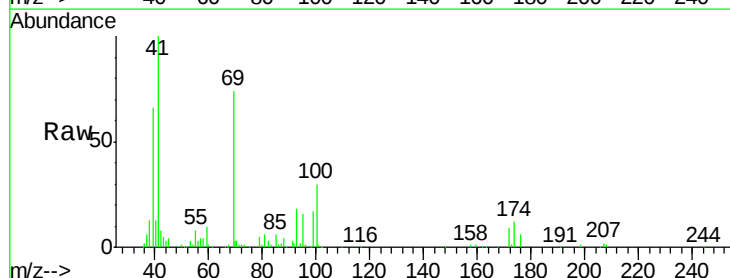
Instrument :
MSVOA_W
ClientSampleId :
VW0226SBS01

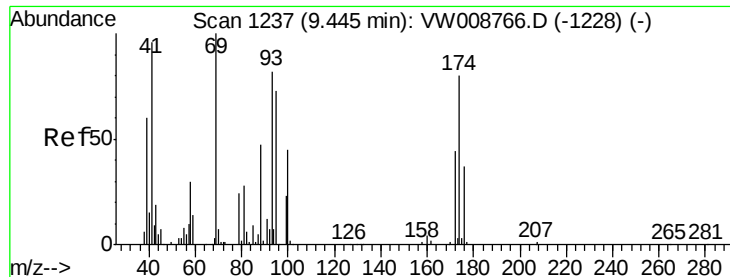
Tot Ion: 83 Resp: 86696
Ion Ratio Lower Upper
83 100
85 68.7 52.5 78.7
127 8.1 6.7 10.1



#48
Methyl methacrylate
Concen: 15.579 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Tgt Ion: 41 Resp: 32030
Ion Ratio Lower Upper
41 100
69 82.7 63.6 95.4
39 68.8 52.1 78.1





#49

1,4-Dioxane

Concen: 285.311 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0226SBS01

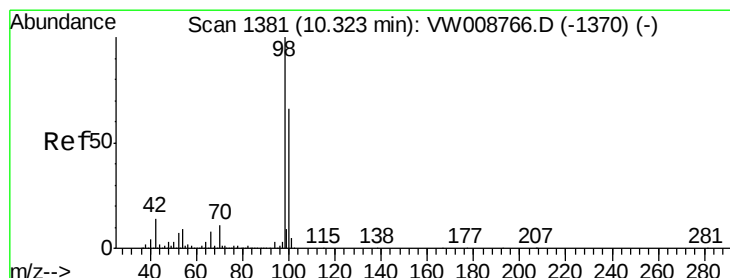
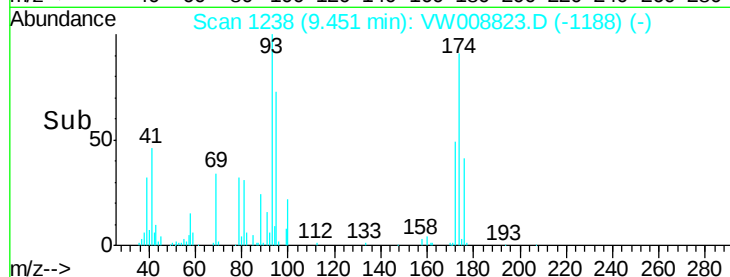
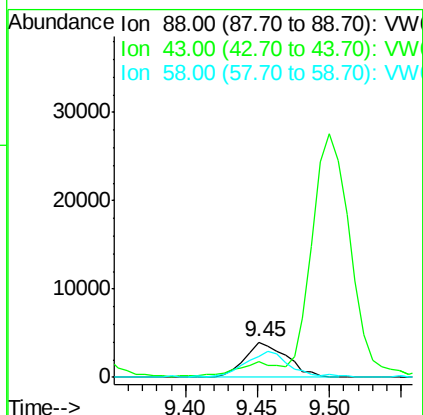
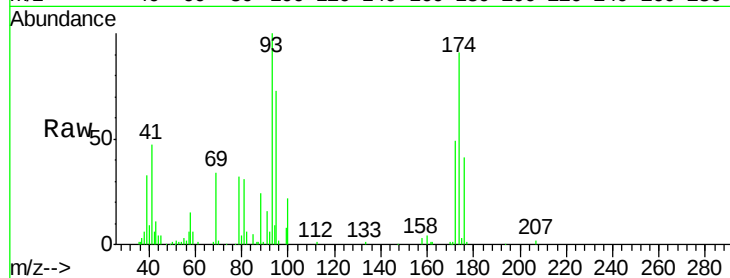
Tot Ion: 88 Resp: 7931

Ion Ratio Lower Upper

88 100

43 42.6 29.0 43.4

58 83.3 52.0 78.0#



#50

Toluene-d8

Concen: 51.040 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008823.D

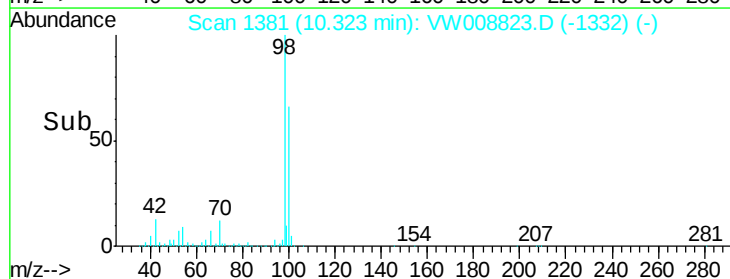
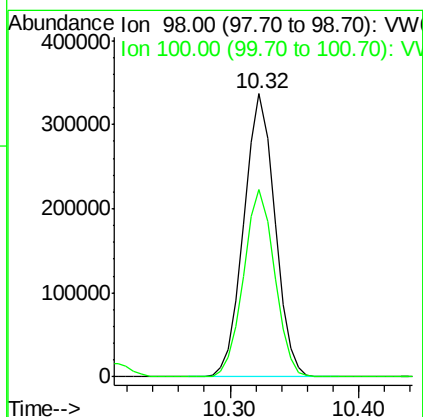
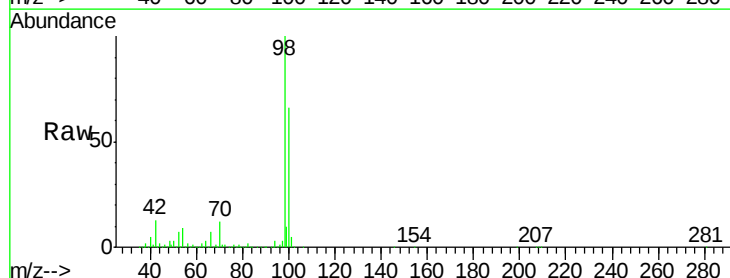
Acq: 26 Feb 2019 11:56

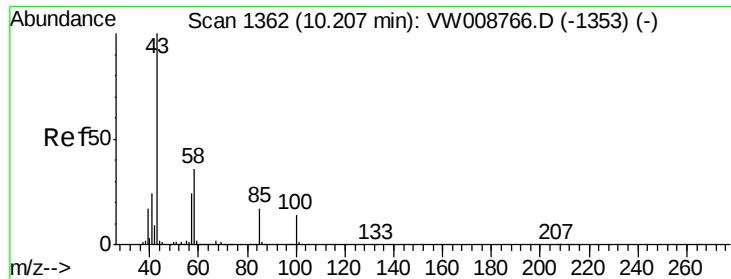
Tgt Ion: 98 Resp: 562097

Ion Ratio Lower Upper

98 100

100 65.9 52.4 78.6

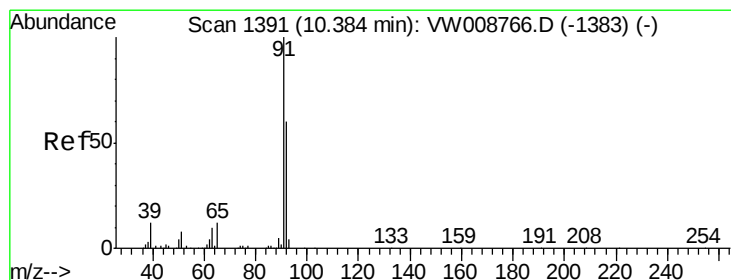
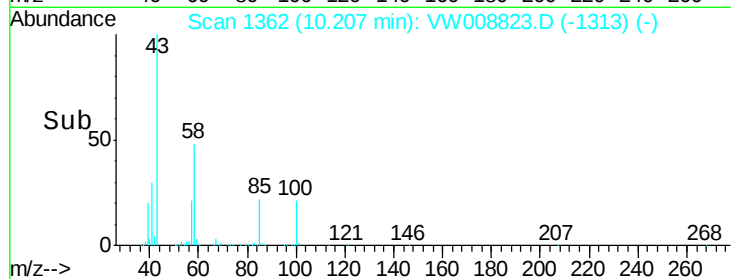
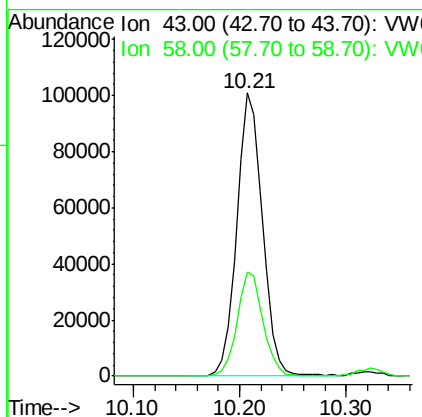
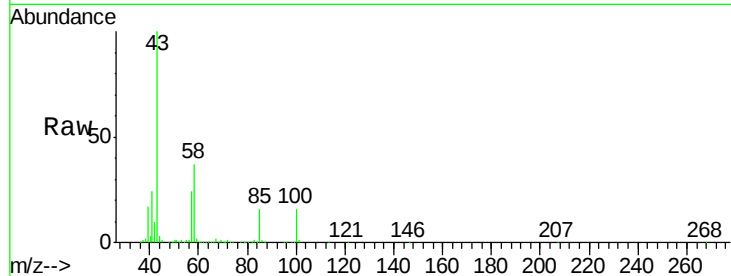




#51
 4-Methyl-2-Pentanone
 Concen: 78.670 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

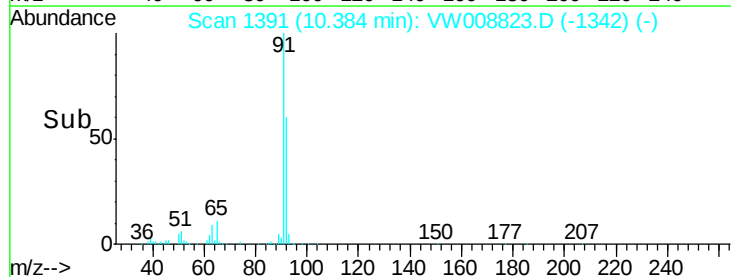
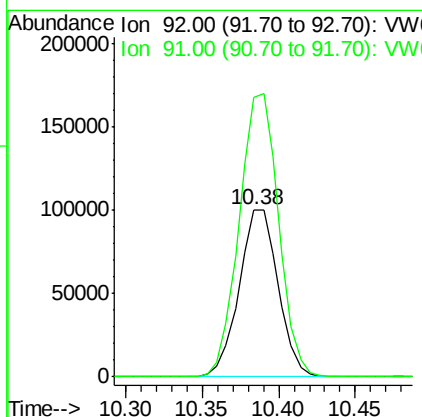
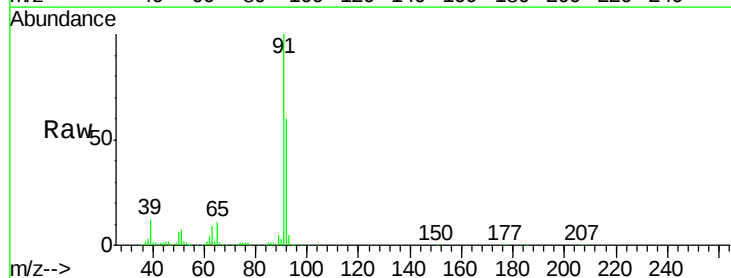
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0226SBS01

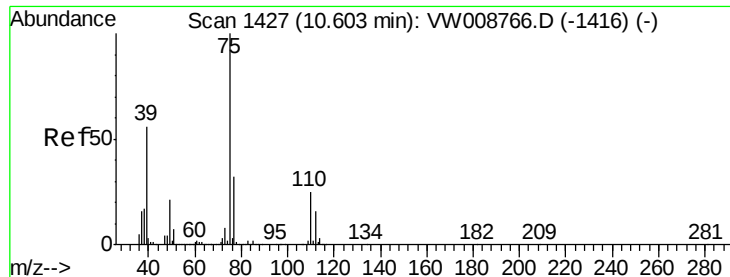
Tot Ion: 43 Resp: 171453
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.1 43.7



#52
 Toluene
 Concen: 20.700 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

Tgt Ion: 92 Resp: 177414
 Ion Ratio Lower Upper
 92 100
 91 171.7 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 19.122 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampled :

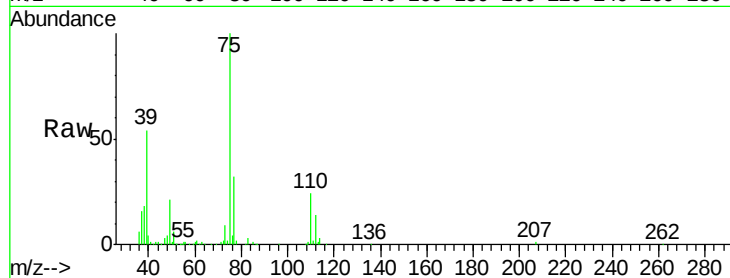
VW0226SBS01

Tot Ion: 75 Resp: 82312

Ion Ratio Lower Upper

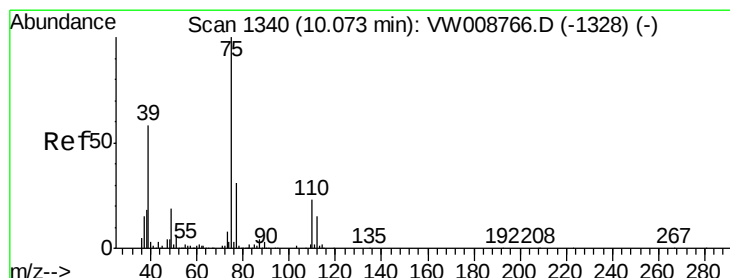
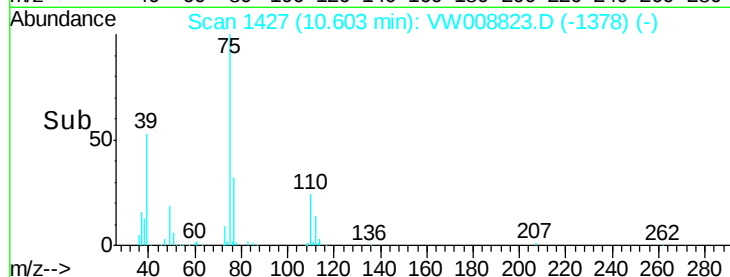
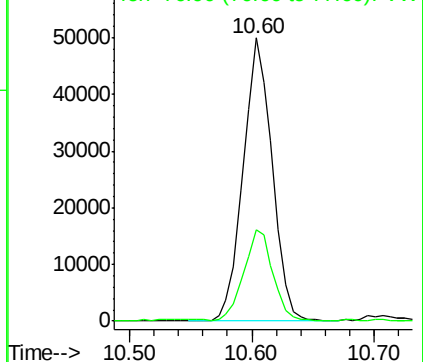
75 100

77 32.3 26.1 39.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 20.555 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

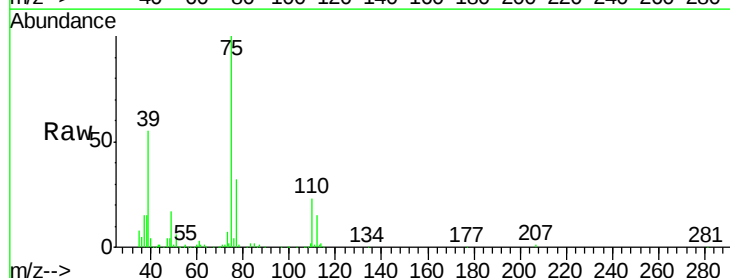
Tgt Ion: 75 Resp: 100917

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4

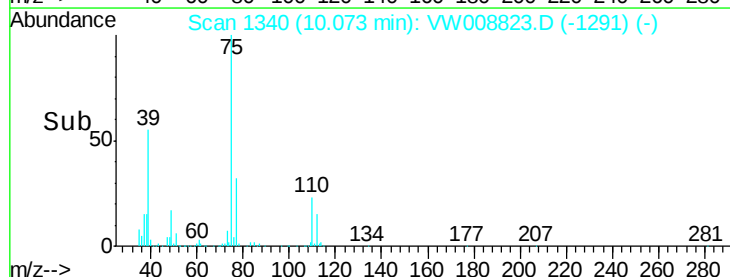
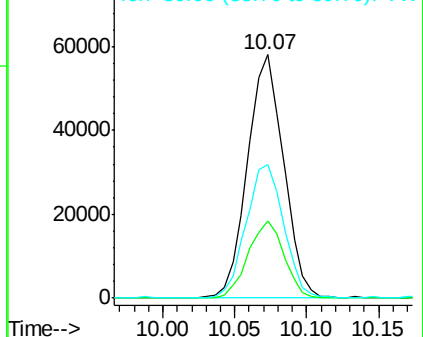
39 54.7 46.6 70.0

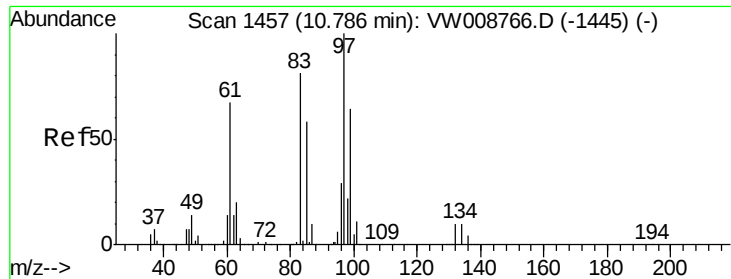


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

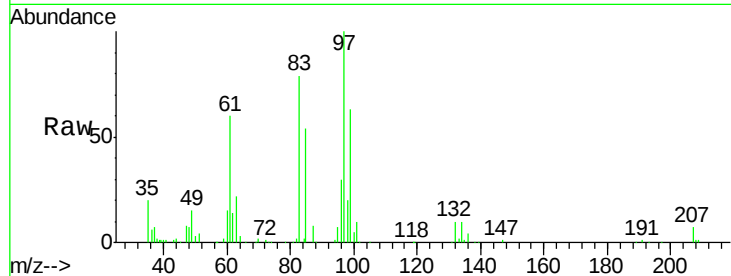




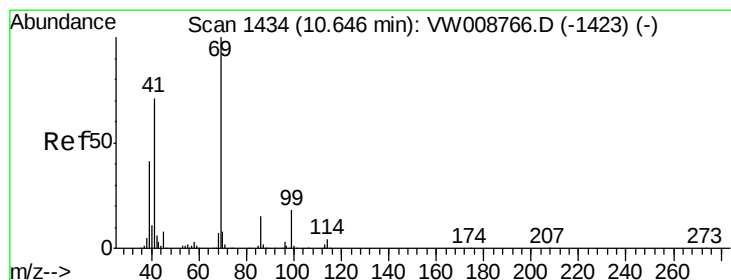
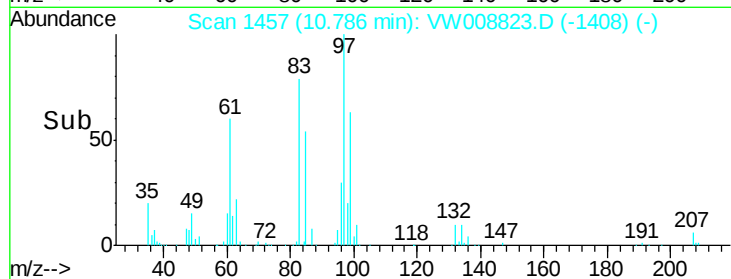
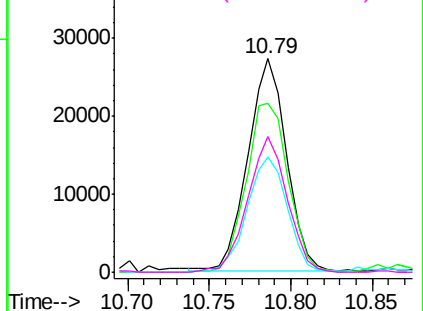
#55
 1,1,2-Trichloroethane
 Concen: 19.079 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0226SBS01

Tot Ion:	97	Resp:	44913
Ion	Ratio	Lower	Upper
97	100		
83	80.2	65.0	97.6
85	54.5	46.0	69.0
99	64.2	51.1	76.7

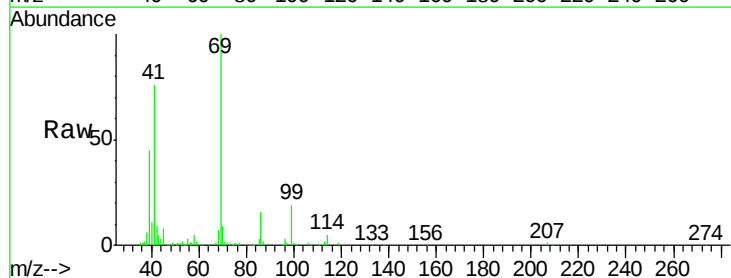


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

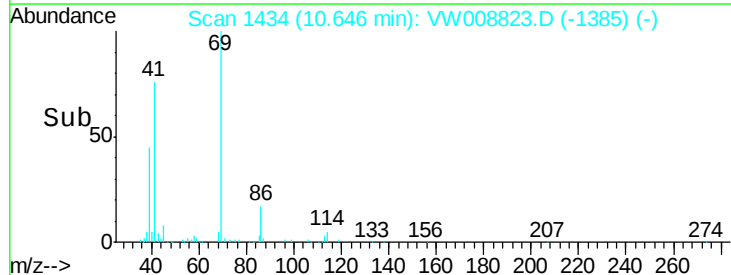
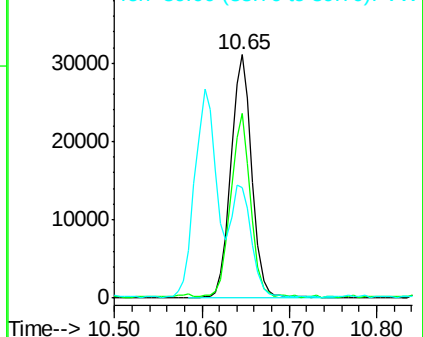


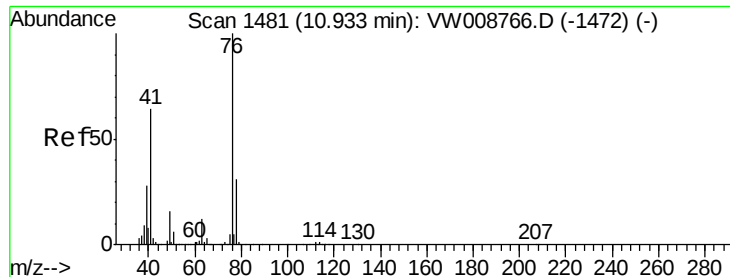
#56
 Ethyl methacrylate
 Concen: 17.002 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

Tgt Ion:	69	Resp:	52000
Ion	Ratio	Lower	Upper
69	100		
41	72.1	57.4	86.0
39	43.1	34.8	52.2



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: 19.284 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

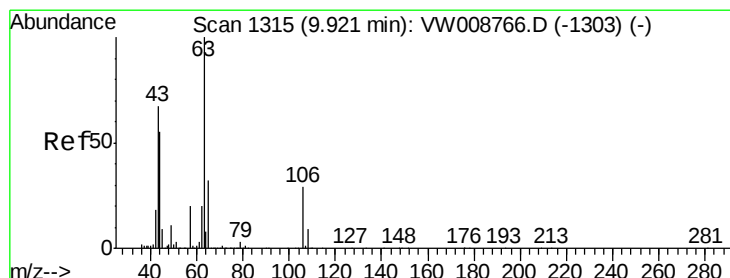
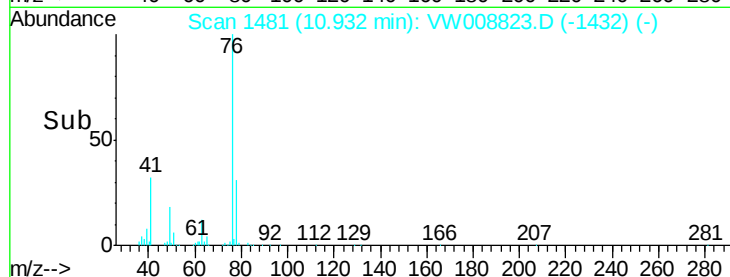
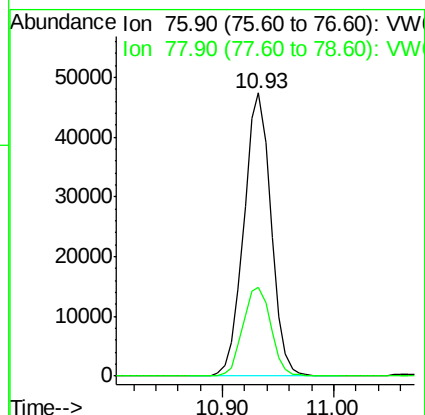
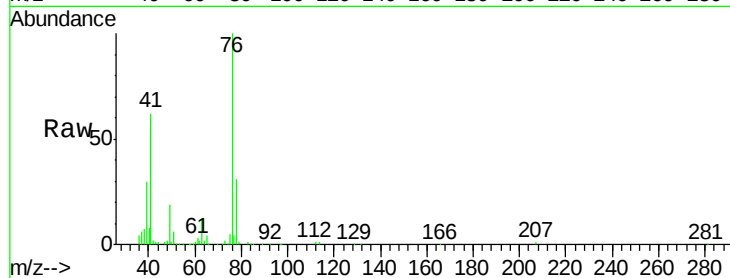
VW0226SBS01

Tot Ion: 76 Resp: 80151

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 91.393 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW008823.D

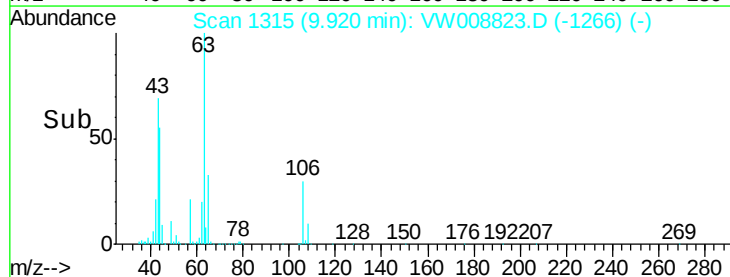
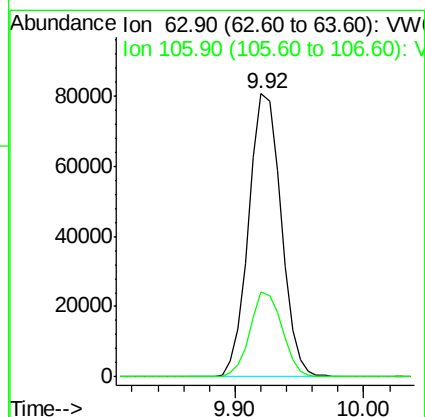
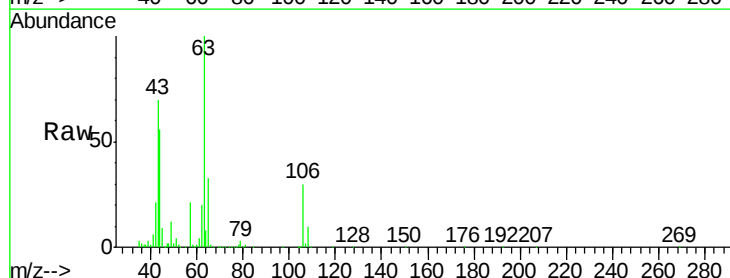
Acq: 26 Feb 2019 11:56

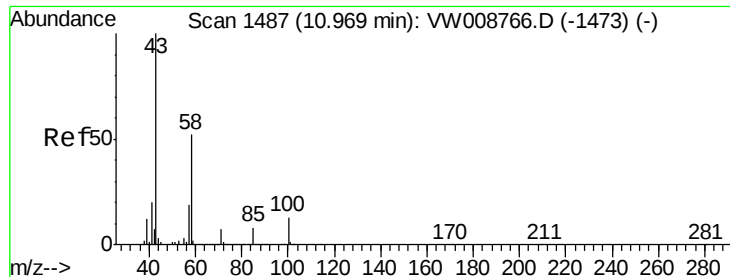
Tgt Ion: 63 Resp: 140583

Ion Ratio Lower Upper

63 100

106 29.7 24.0 36.0

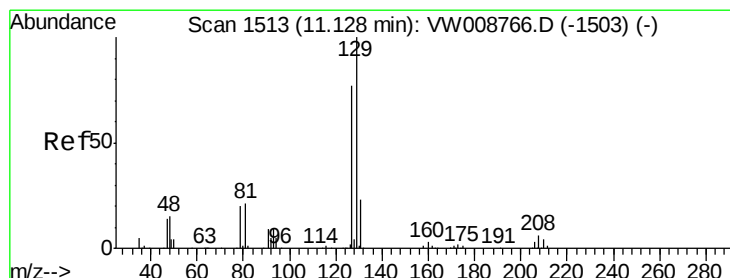
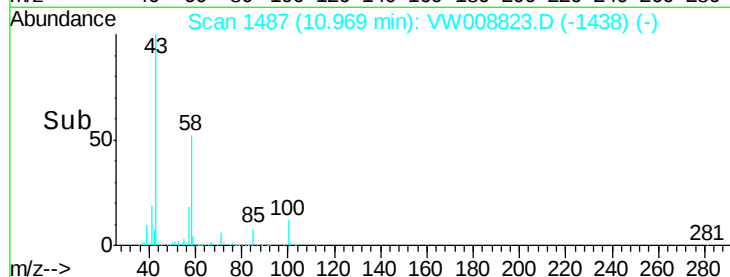
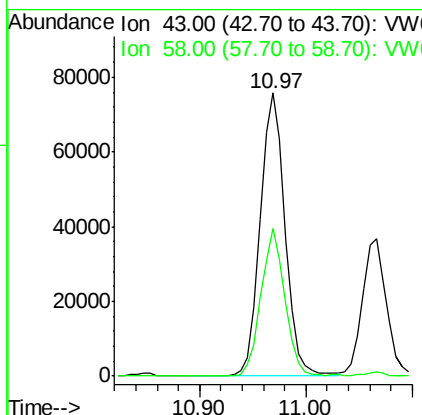
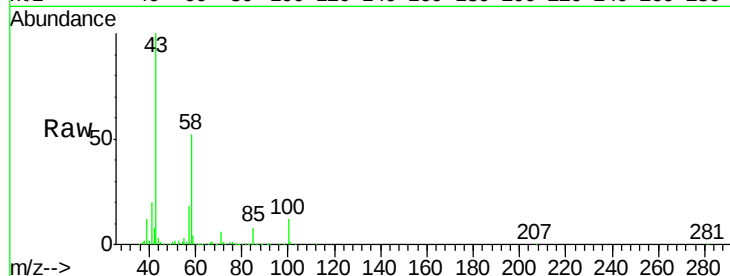




#59
2-Hexanone
Concen: 80.119 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

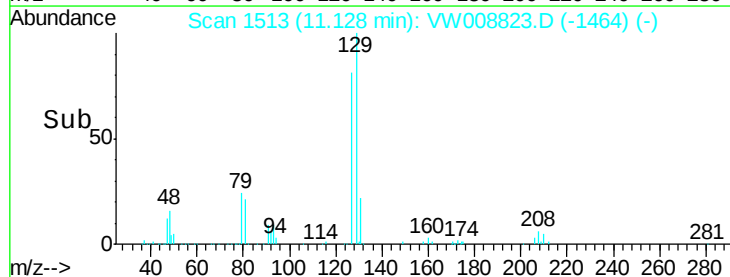
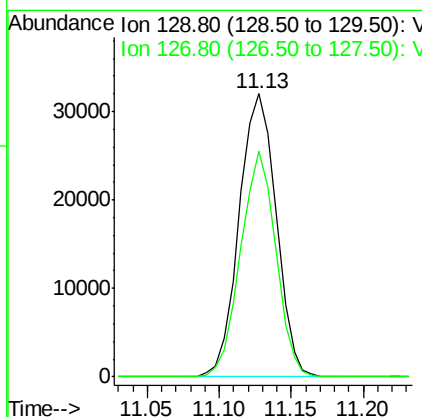
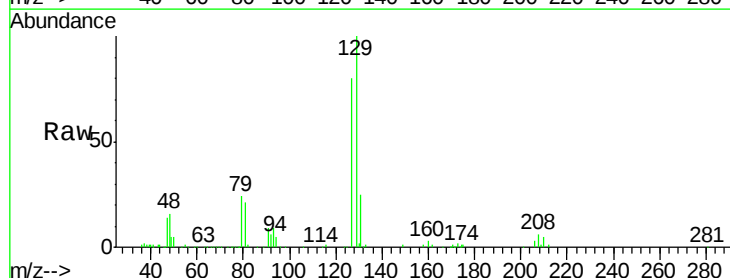
Instrument :
MSVOA_W
ClientSampleId :
VW0226SBS01

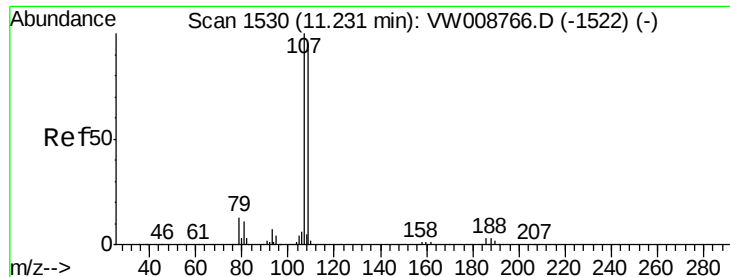
Tot Ion: 43 Resp: 124295
Ion Ratio Lower Upper
43 100
58 50.0 25.3 75.8



#60
Dibromochloromethane
Concen: 19.877 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Tgt Ion: 129 Resp: 57074
Ion Ratio Lower Upper
129 100
127 75.8 39.0 116.9

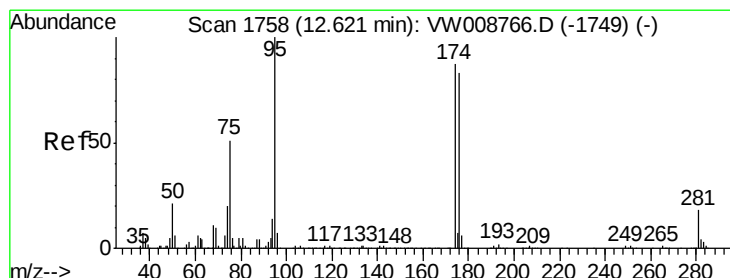
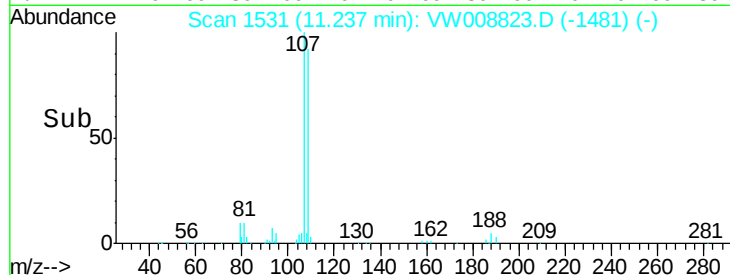
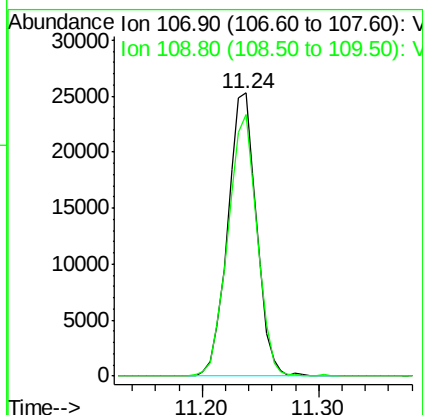
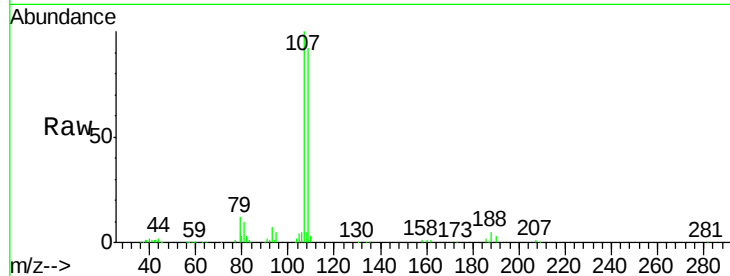




#61
 1,2-Dibromoethane
 Concen: 18.615 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

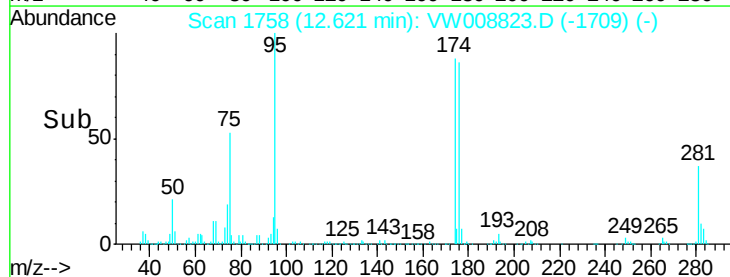
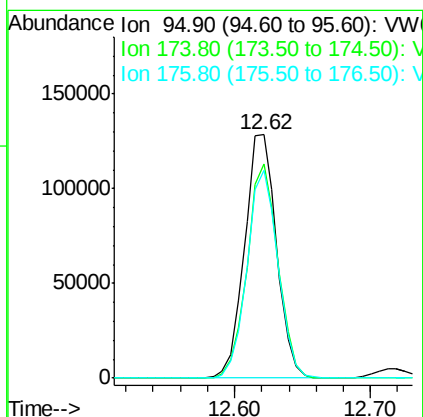
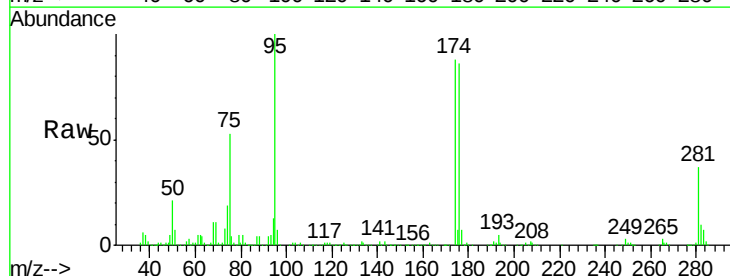
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0226SBS01

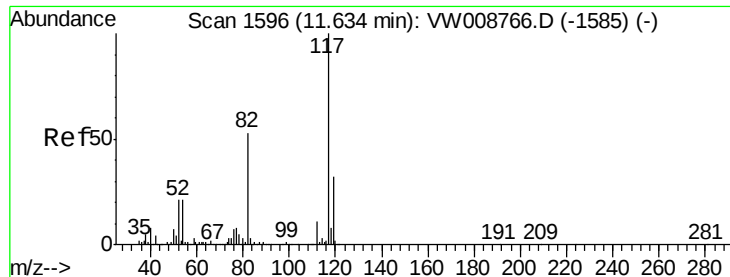
Tot Ion: 107 Resp: 43376
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.036 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

Tgt Ion: 95 Resp: 211444
 Ion Ratio Lower Upper
 95 100
 174 85.3 0.0 169.2
 176 82.9 0.0 163.6

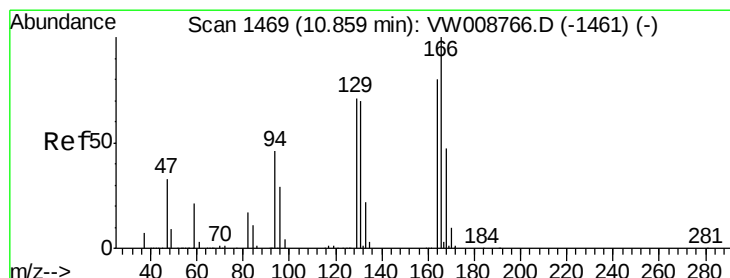
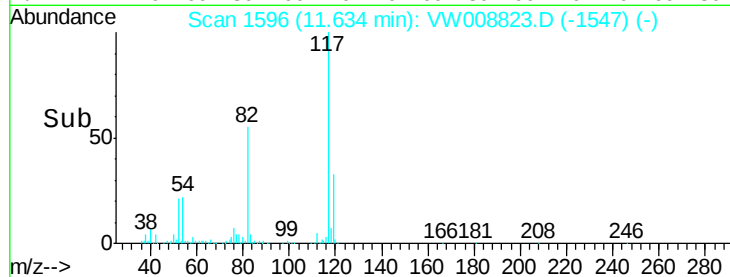
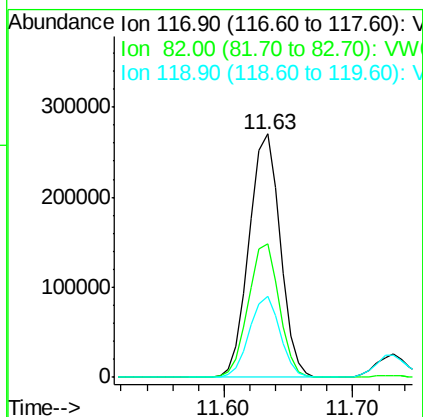
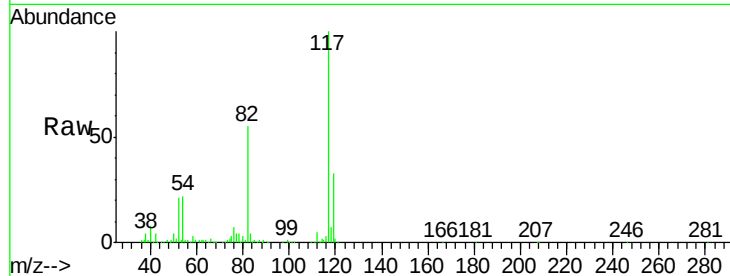




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

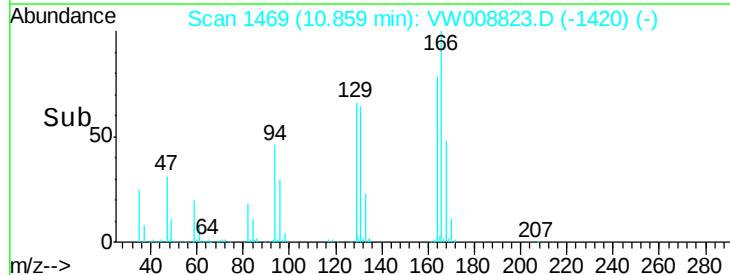
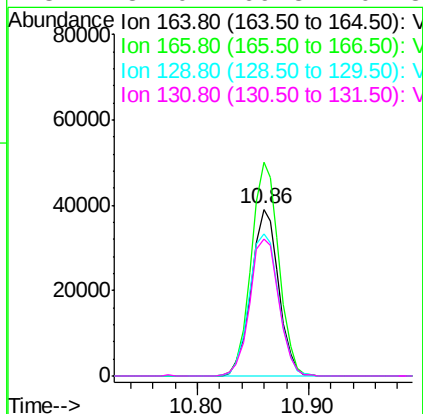
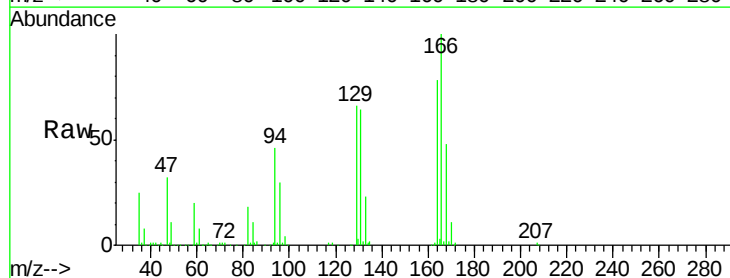
Instrument :
MSVOA_W
ClientSampleId :
VW0226SBS01

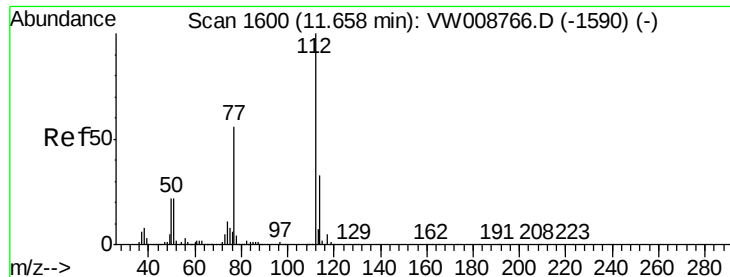
Tot Ion:117 Resp: 450474
Ion Ratio Lower Upper
117 100
82 54.9 42.2 63.4
119 33.5 25.9 38.9



#64
Tetrachloroethene
Concen: 20.781 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Tgt Ion:164 Resp: 67010
Ion Ratio Lower Upper
164 100
166 127.9 99.5 149.3
129 85.0 71.1 106.7
131 82.0 69.8 104.8





#65

Chlorobenzene

Concen: 20.661 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

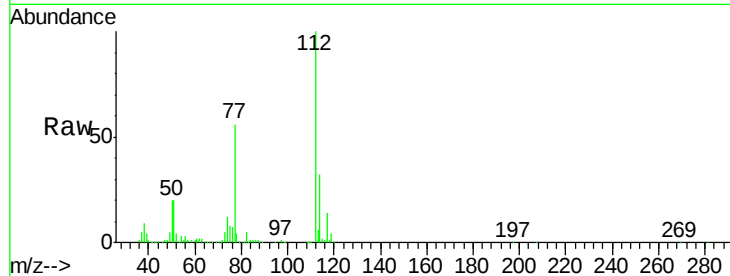
VW0226SBS01

Tot Ion:112 Resp: 195700

Ion Ratio Lower Upper

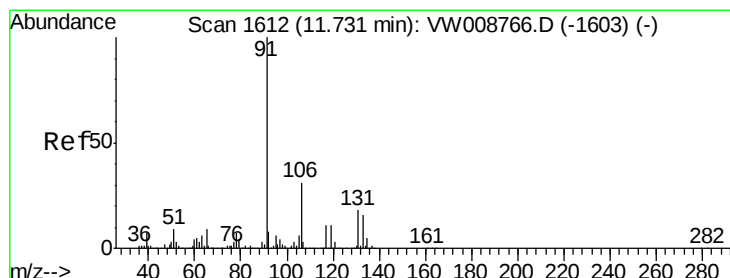
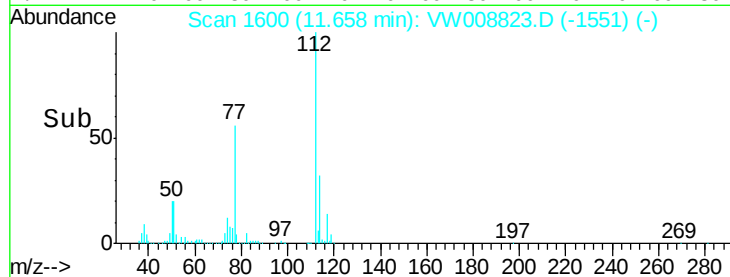
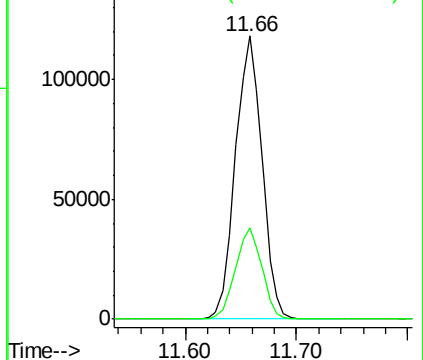
112 100

114 32.4 26.6 40.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.480 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

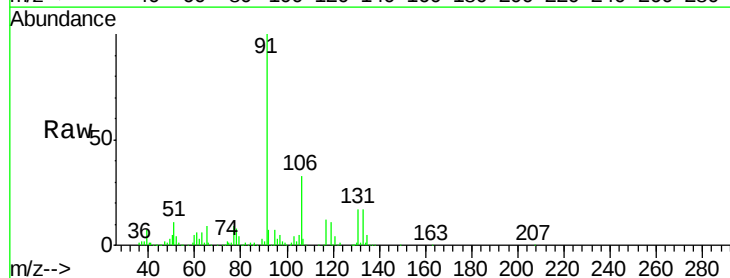
Tgt Ion:131 Resp: 65594

Ion Ratio Lower Upper

131 100

133 94.5 46.7 140.0

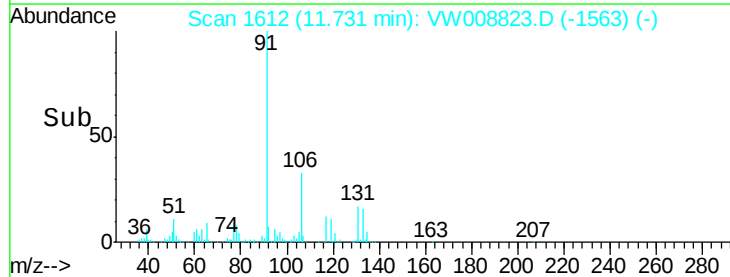
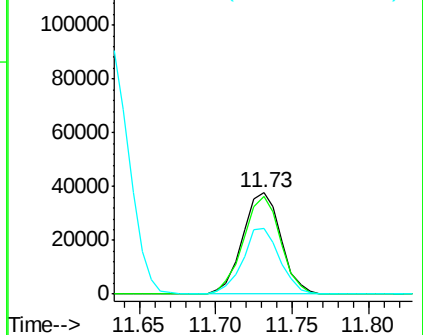
119 63.4 30.8 92.4

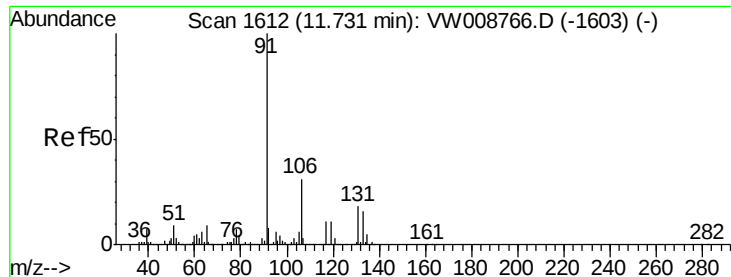


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

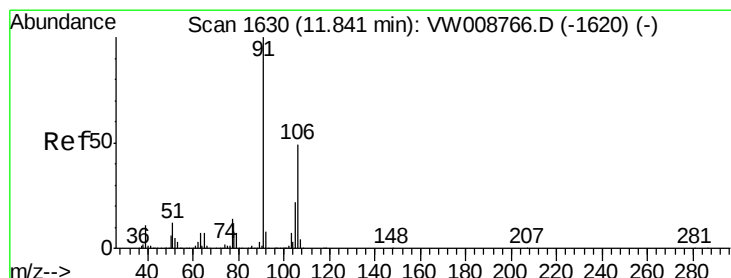
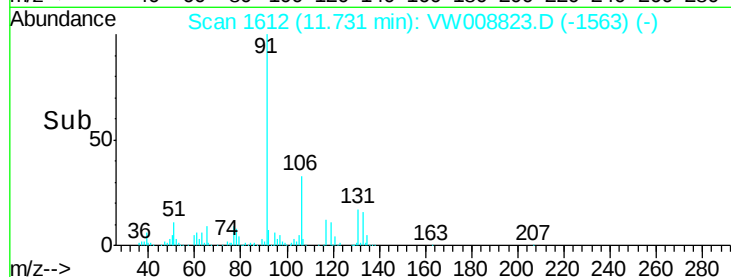
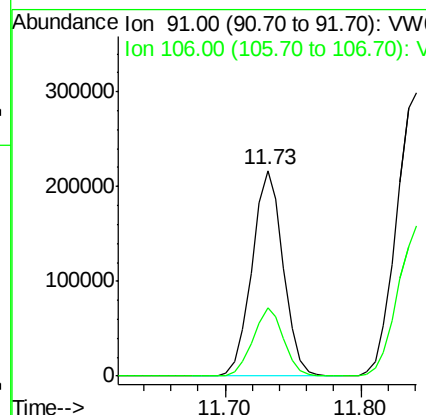
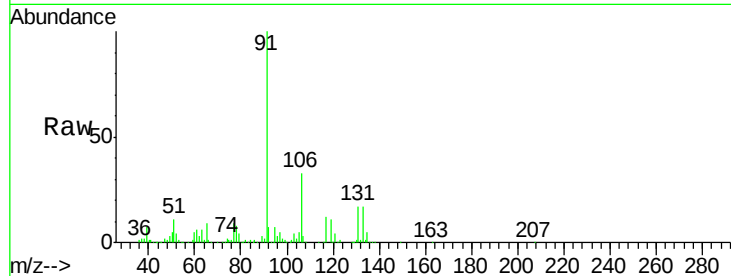




#67
Ethyl Benzene
Concen: 20.593 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

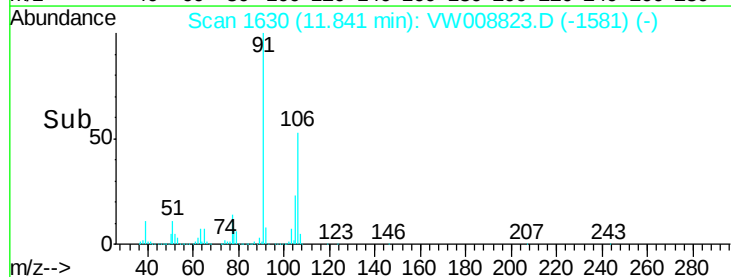
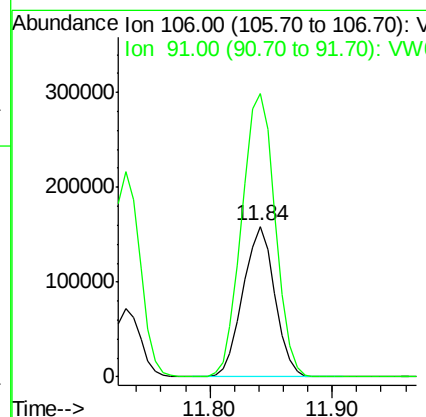
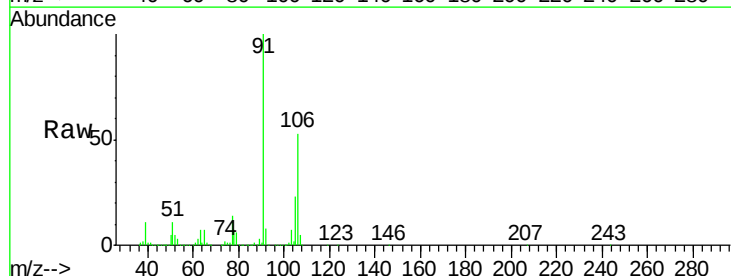
Instrument :
MSVOA_W
ClientSampleId :
VW0226SBS01

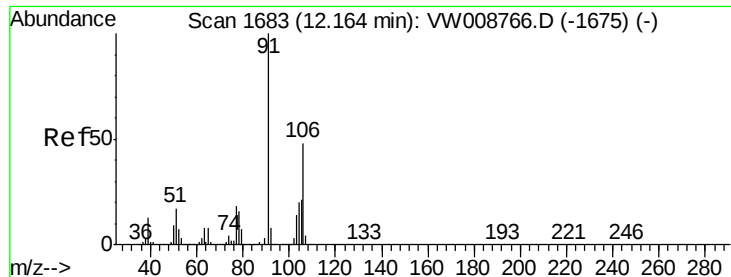
Tot Ion: 91 Resp: 348701
Ion Ratio Lower Upper
91 100
106 33.1 25.0 37.6



#68
m/p-Xylenes
Concen: 42.406 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Tgt Ion: 106 Resp: 286905
Ion Ratio Lower Upper
106 100
91 197.0 161.5 242.3

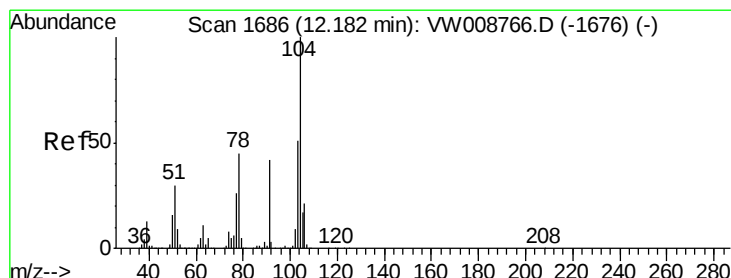
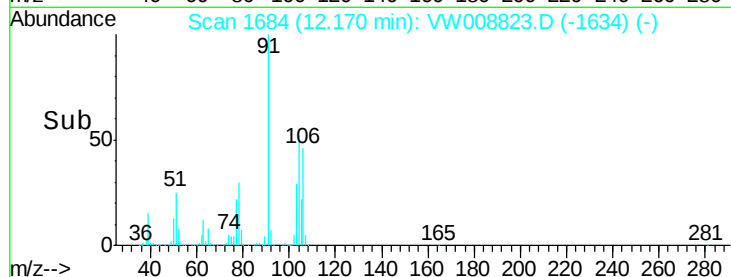
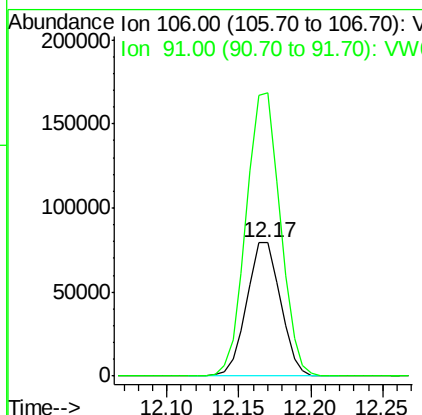
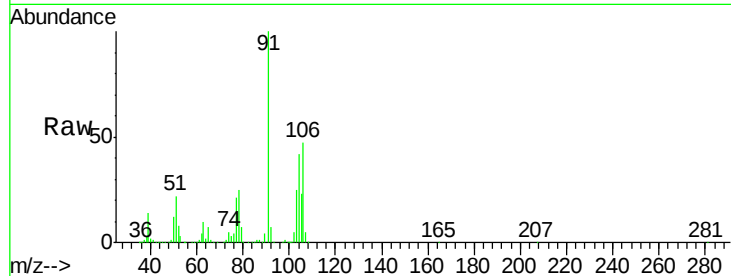




#69
o-Xylene
Concen: 20.419 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

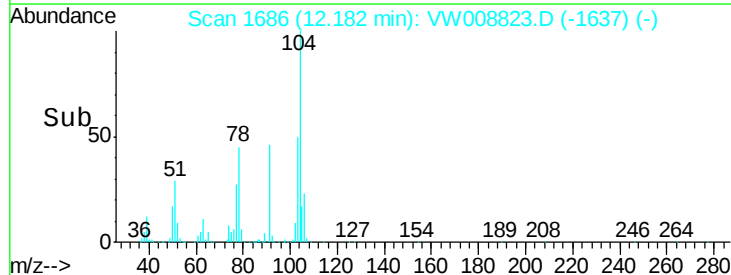
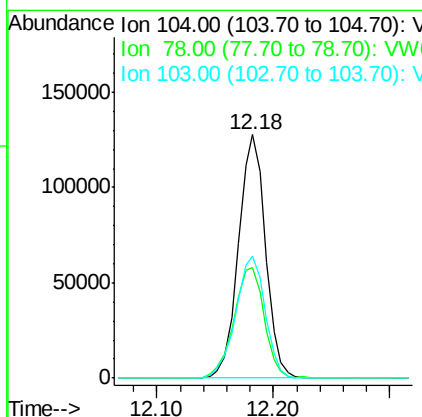
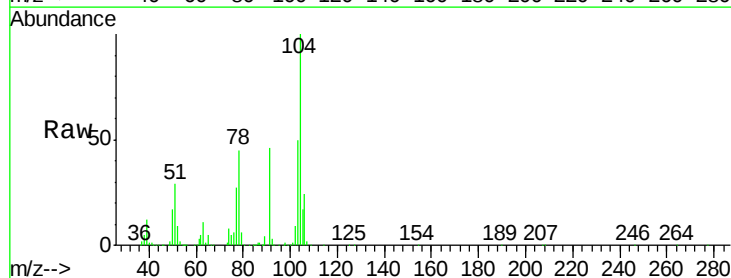
Instrument :
MSVOA_W
ClientSampleId :
VW0226SBS01

Tot Ion:106 Resp: 129664
Ion Ratio Lower Upper
106 100
91 213.1 106.2 318.6



#70
Styrene
Concen: 20.201 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Tgt Ion:104 Resp: 206380
Ion Ratio Lower Upper
104 100
78 51.1 40.8 61.2
103 54.7 44.2 66.2

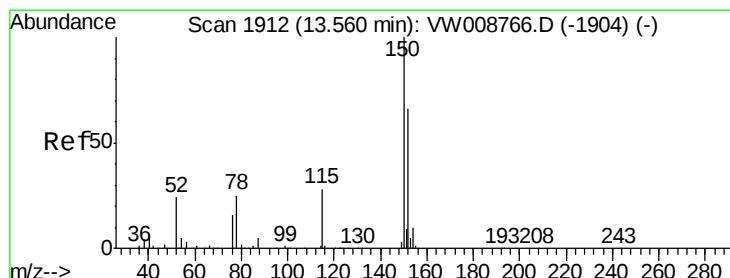
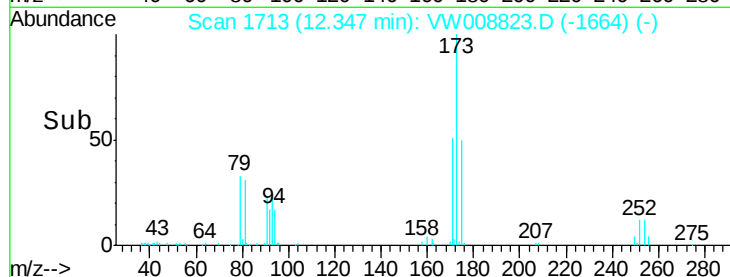
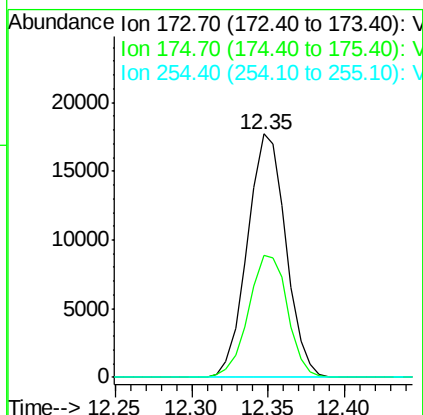
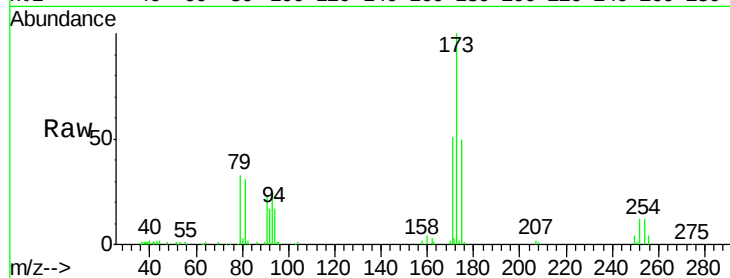




#71
Bromoform
Concen: 18.011 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

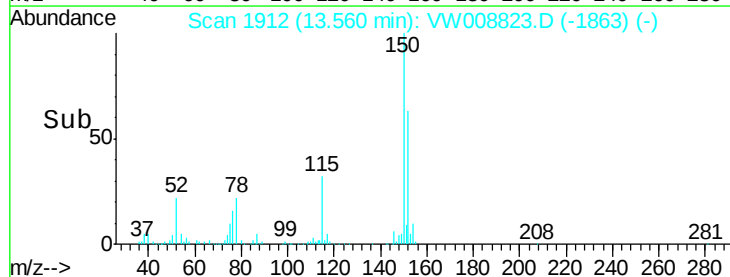
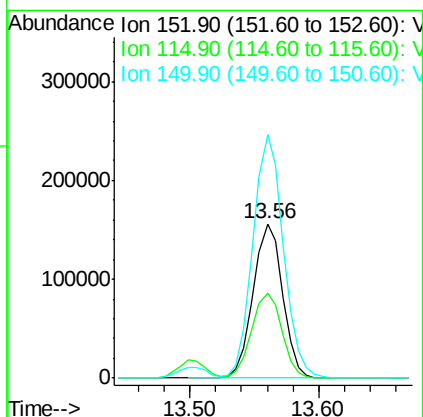
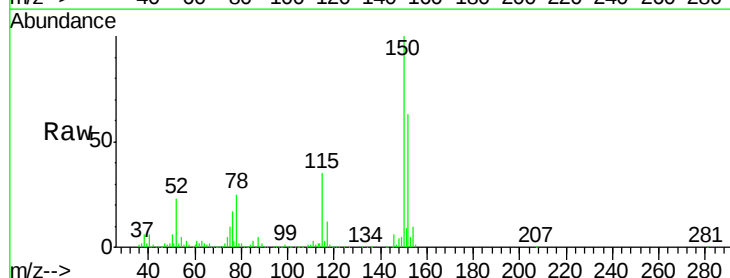
Instrument :
MSVOA_W
ClientSampleId :
VW0226SBS01

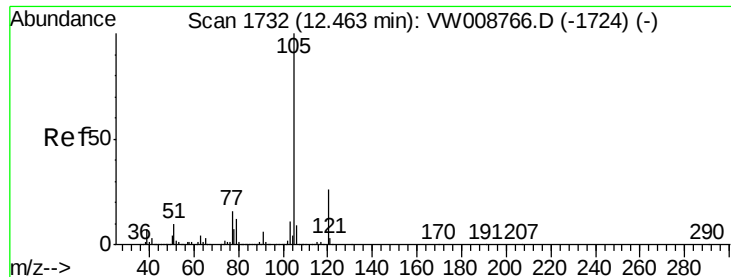
Tot Ion:173 Resp: 31007
Ion Ratio Lower Upper
173 100
175 50.8 24.2 72.6
254 0.0 0.2 0.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Tgt Ion:152 Resp: 245225
Ion Ratio Lower Upper
152 100
115 56.7 28.6 85.8
150 163.7 0.0 348.0





#73

Isopropylbenzene

Concen: 21.502 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

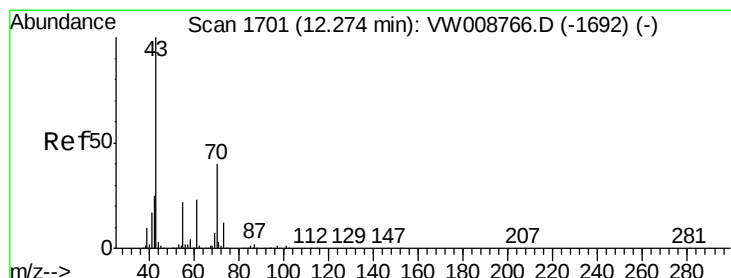
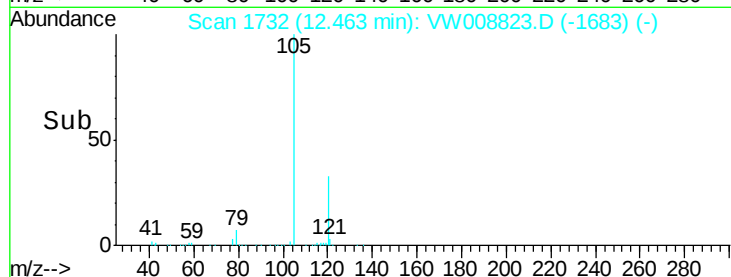
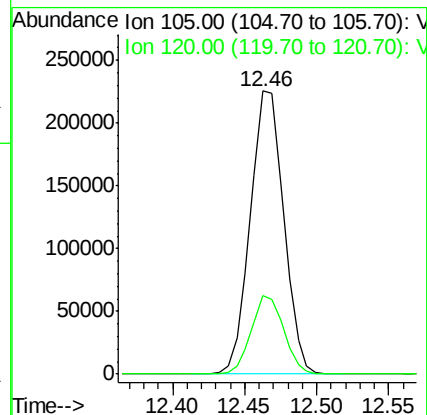
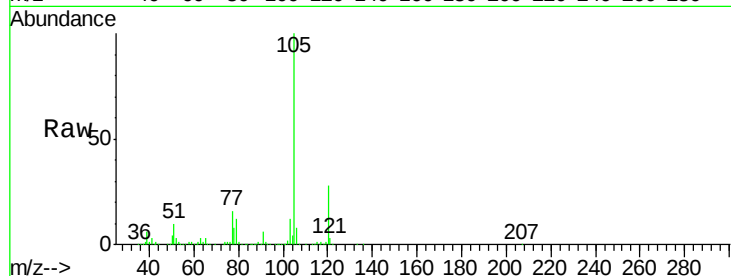
VW0226SBS01

Tot Ion:105 Resp: 361478

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 16.003 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Tgt Ion: 43 Resp: 67768

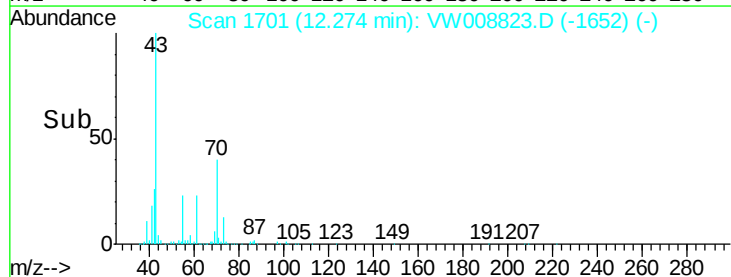
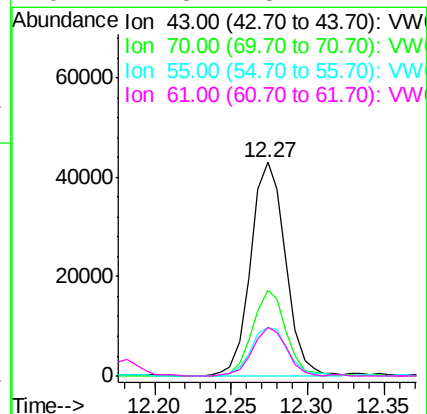
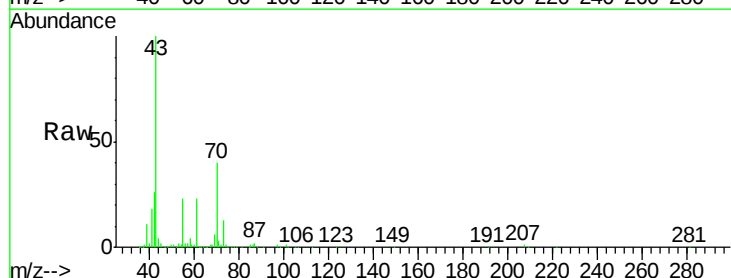
Ion Ratio Lower Upper

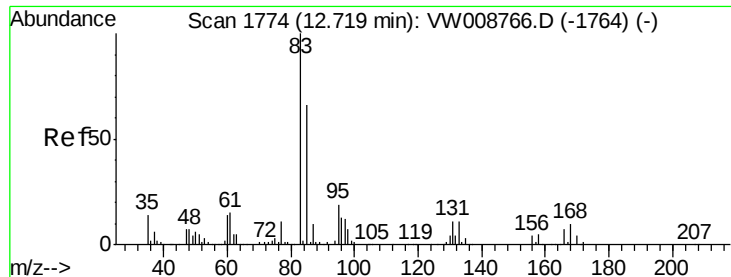
43 100

70 39.5 31.0 46.6

55 24.7 18.7 28.1

61 22.8 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 17.963 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0226SBS01

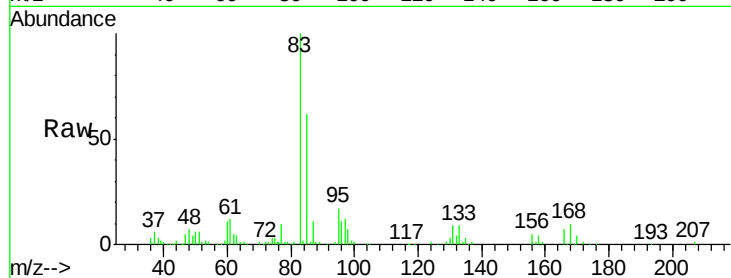
Tot Ion: 83 Resp: 49342

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.7

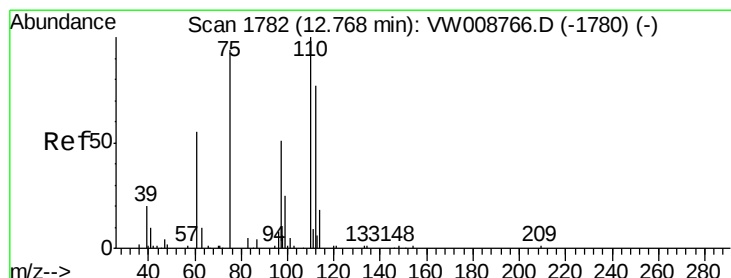
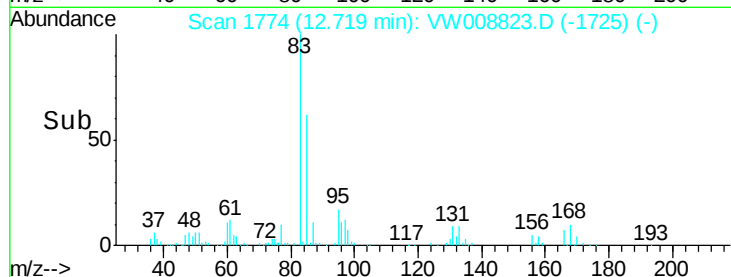
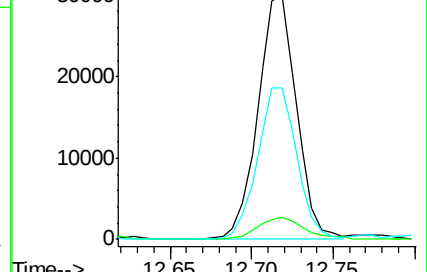
85 63.5 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 33.256 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008823.D

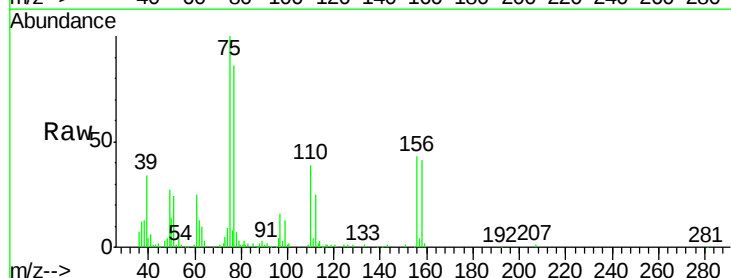
Acq: 26 Feb 2019 11:56

Tgt Ion: 75 Resp: 67333

Ion Ratio Lower Upper

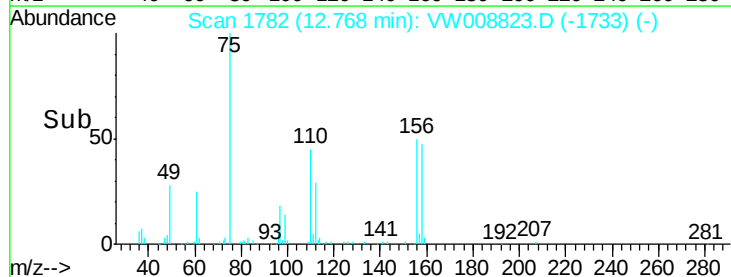
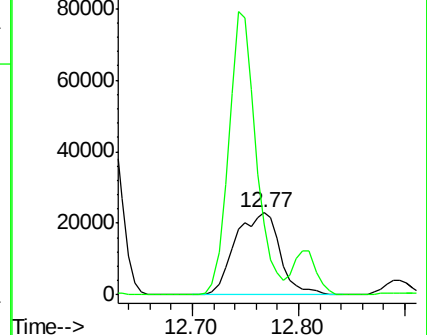
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.709 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0226SBS01

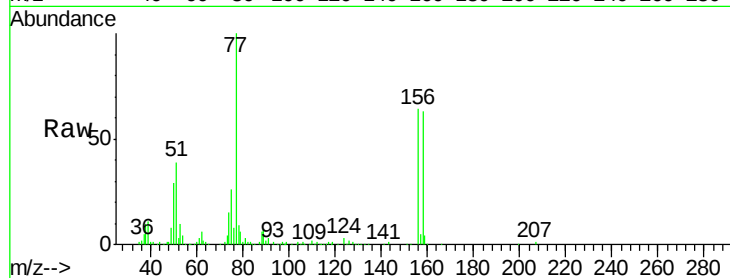
Tot Ion:156 Resp: 82268

Ion Ratio Lower Upper

156 100

77 173.5 89.1 267.4

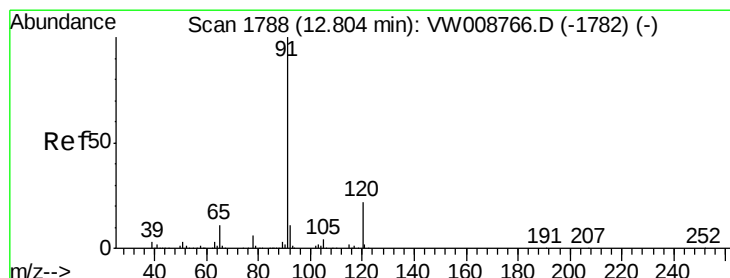
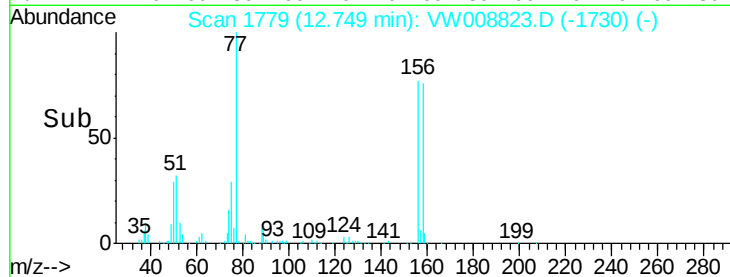
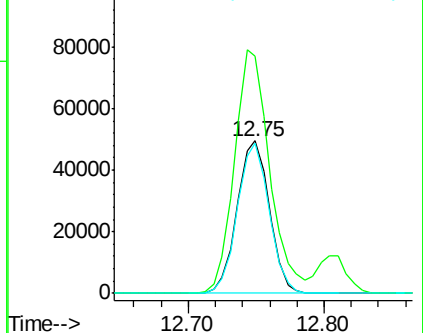
158 96.6 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.323 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW008823.D

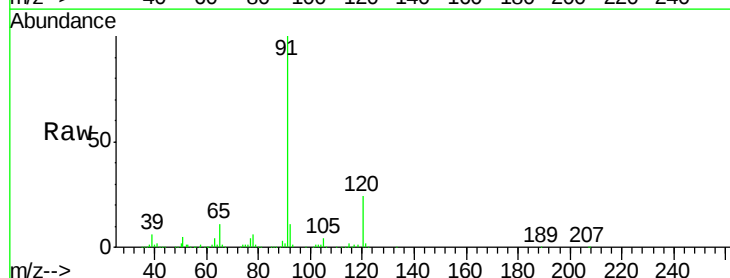
Acq: 26 Feb 2019 11:56

Tgt Ion: 91 Resp: 438483

Ion Ratio Lower Upper

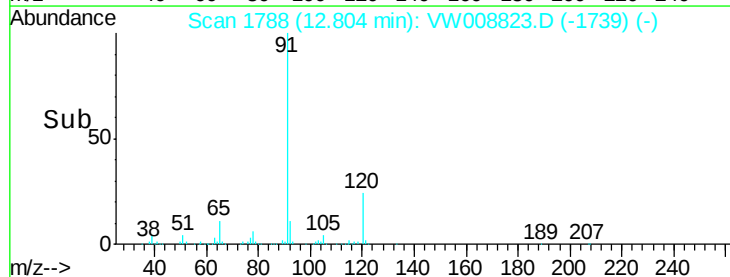
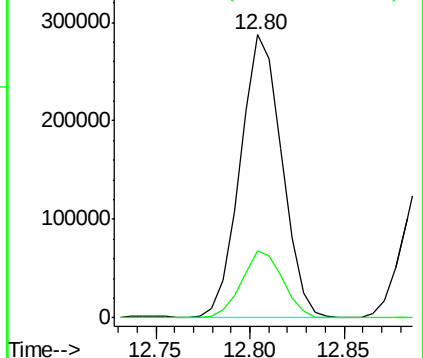
91 100

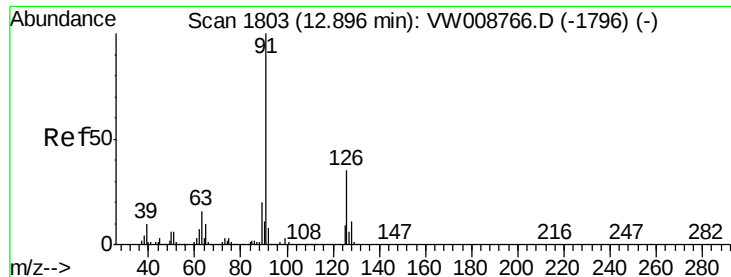
120 23.5 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.959 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

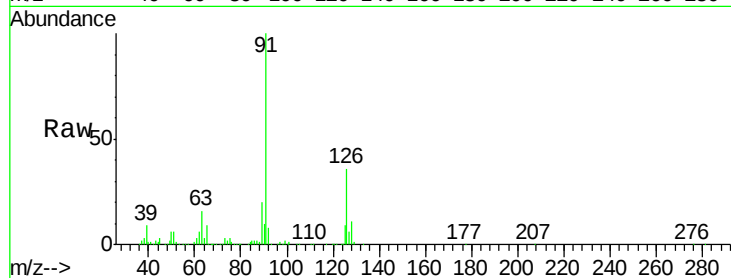
VW0226SBS01

Tot Ion: 91 Resp: 244702

Ion Ratio Lower Upper

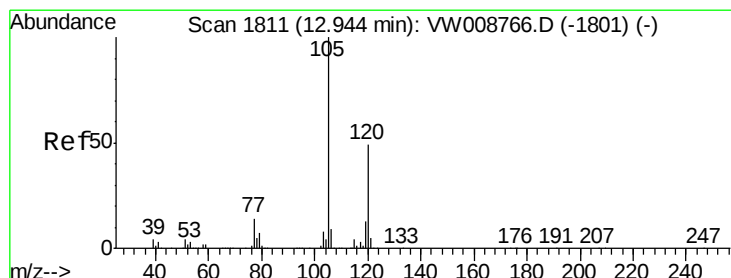
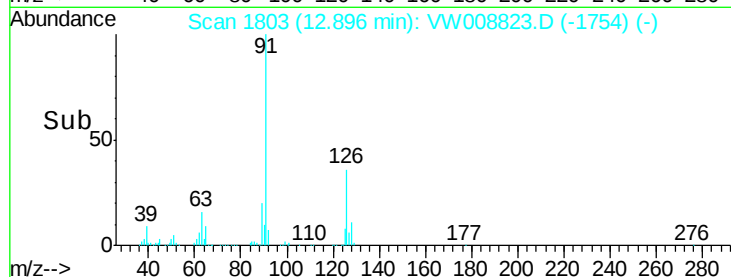
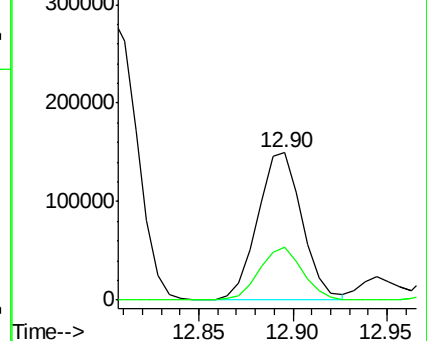
91 100

126 34.7 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.228 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008823.D

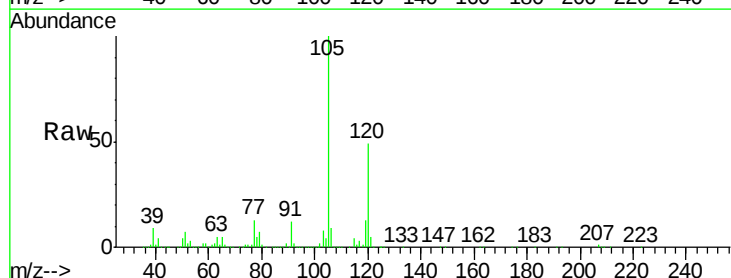
Acq: 26 Feb 2019 11:56

Tgt Ion:105 Resp: 310125

Ion Ratio Lower Upper

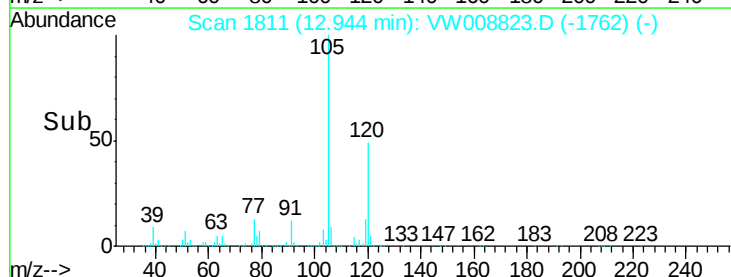
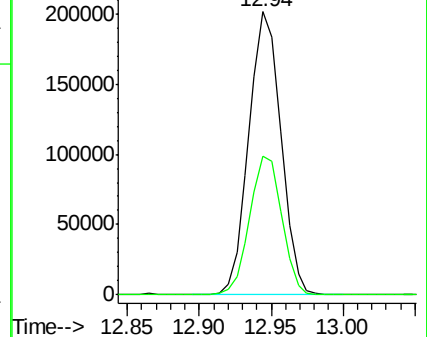
105 100

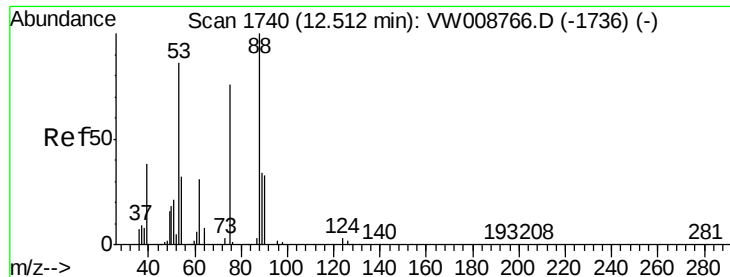
120 49.2 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.622 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0226SBS01

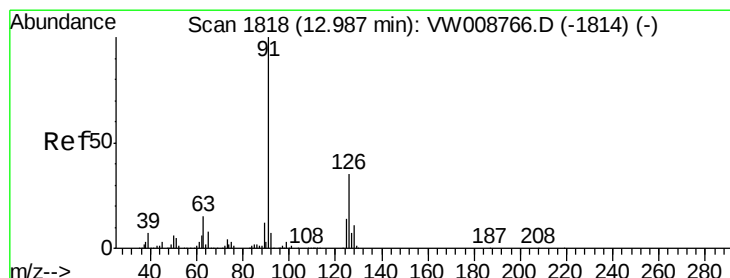
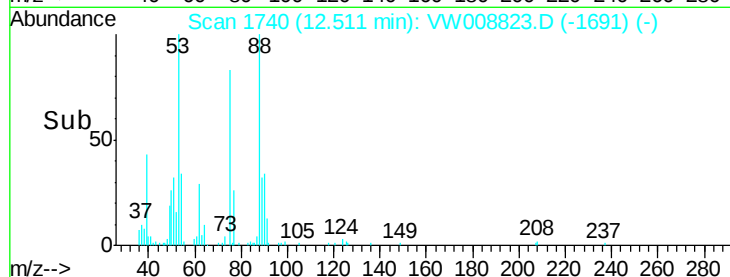
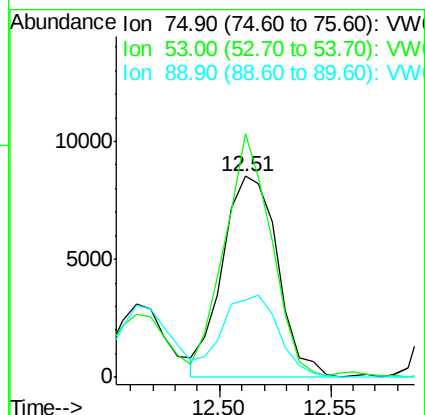
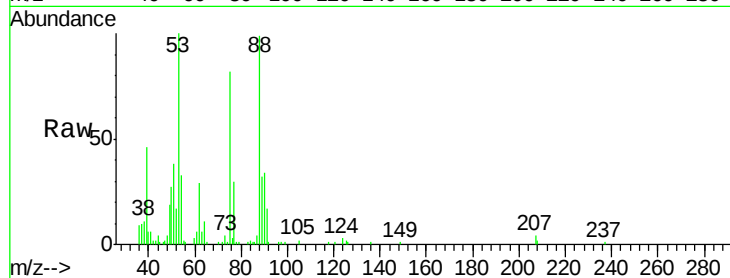
Tot Ion: 75 Resp: 14676

Ion Ratio Lower Upper

75 100

53 101.5 88.2 132.2

89 42.4 39.5 59.3



#82

4-Chlorotoluene

Concen: 20.812 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW008823.D

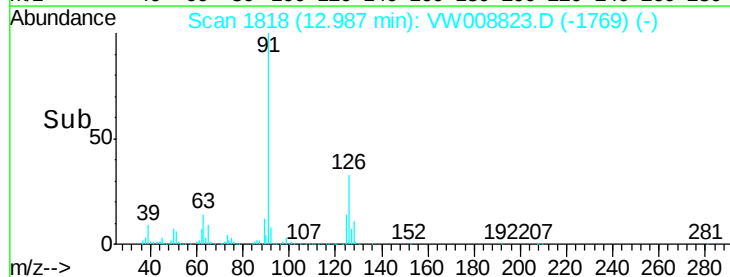
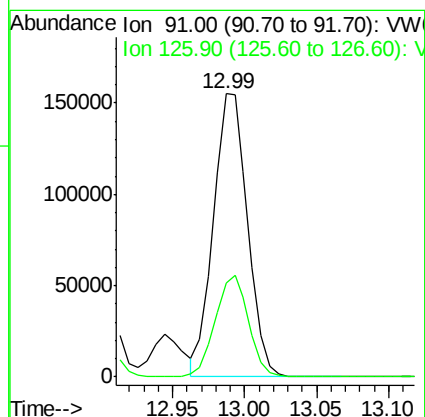
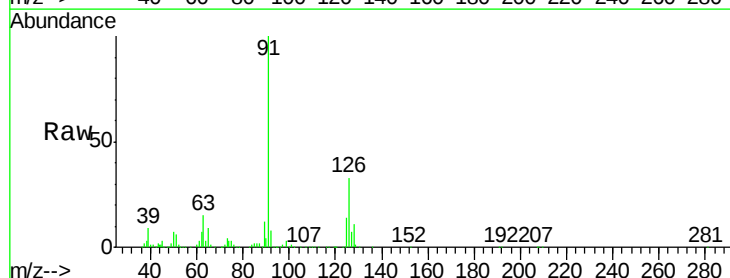
Acq: 26 Feb 2019 11:56

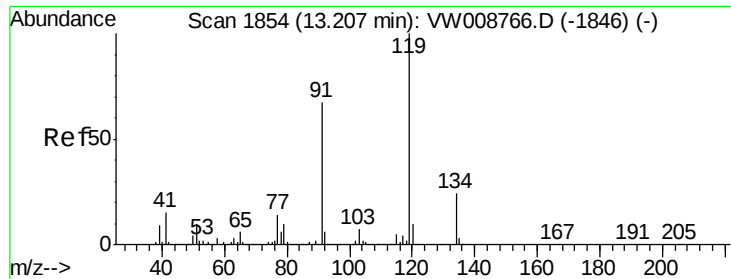
Tgt Ion: 91 Resp: 256065

Ion Ratio Lower Upper

91 100

126 35.3 17.2 51.6

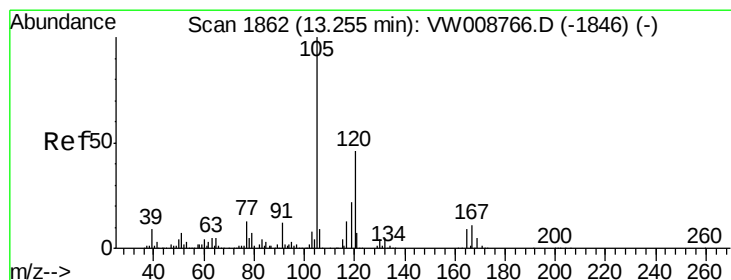
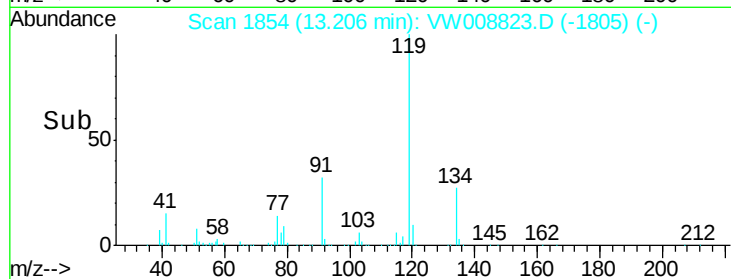
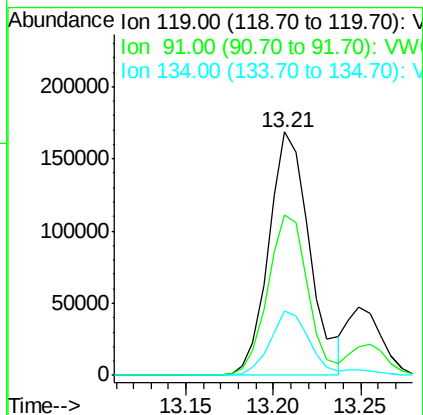
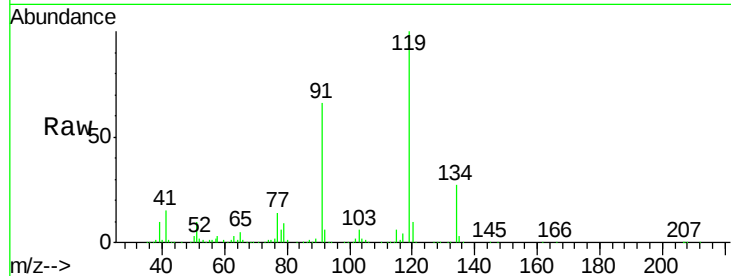




#83
 tert-Butylbenzene
 Concen: 21.796 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

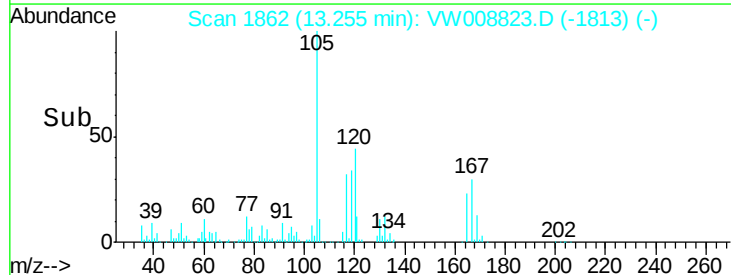
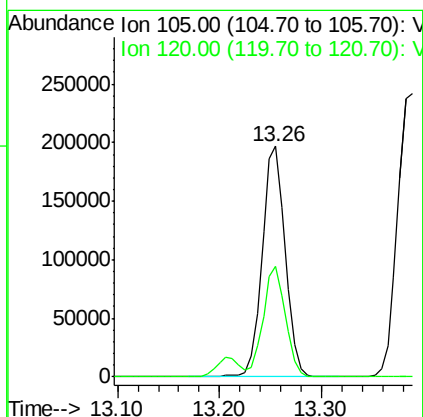
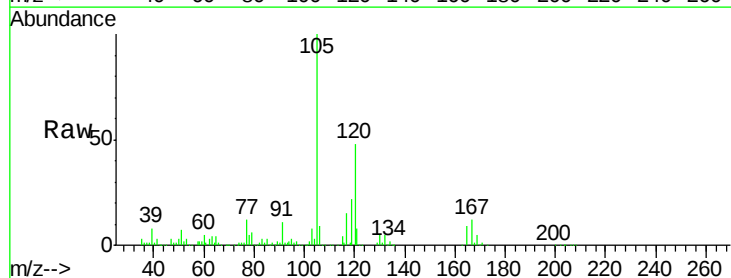
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0226SBS01

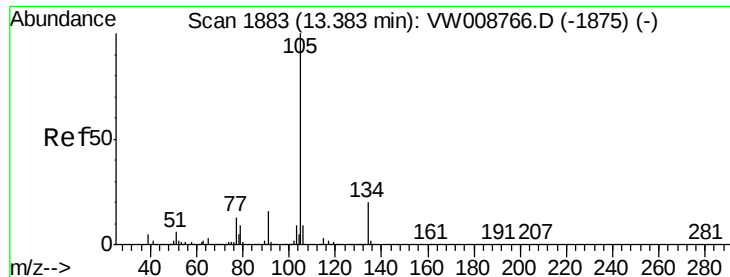
Tot Ion:119 Resp: 275333
 Ion Ratio Lower Upper
 119 100
 91 64.6 33.6 100.8
 134 27.0 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.460 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

Tgt Ion:105 Resp: 309417
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.8 68.4

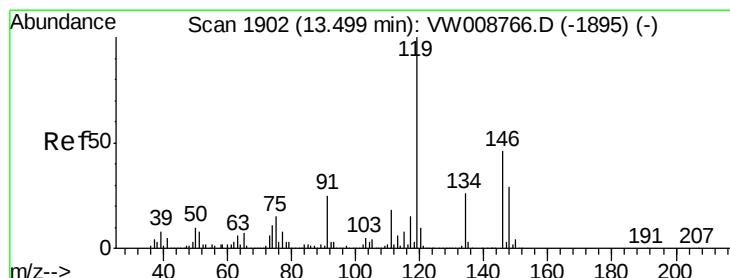
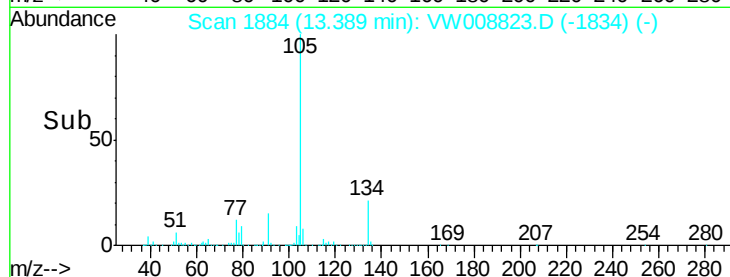
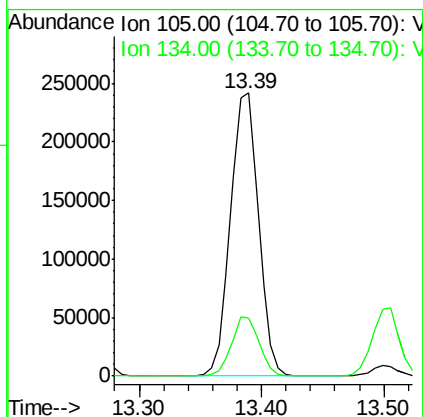
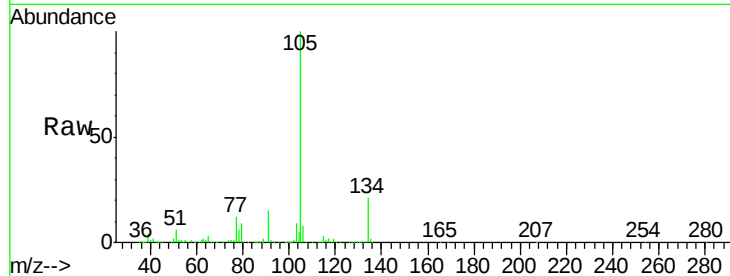




#85
 sec-Butylbenzene
 Concen: 21.033 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

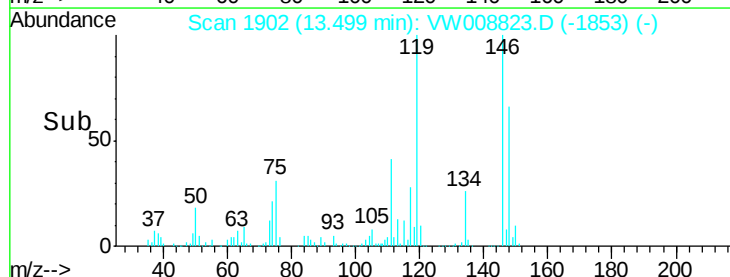
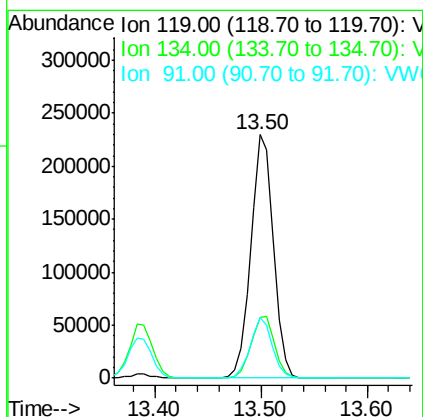
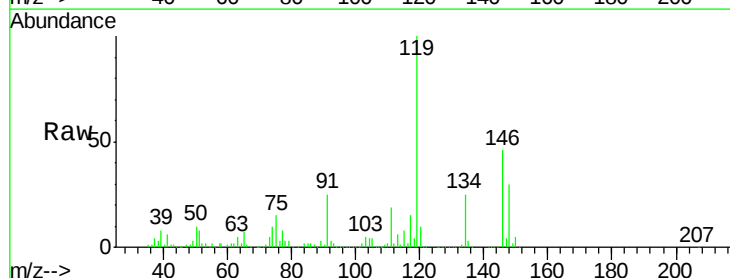
Instrument :
 MSVOA_W
 ClientSampleID :
 VW0226SBS01

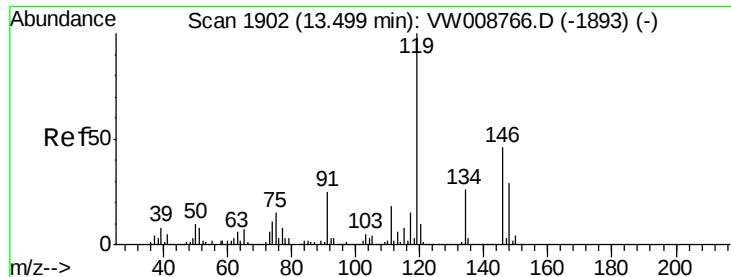
Tot Ion:105 Resp: 382036
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.533 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

Tgt Ion:119 Resp: 341906
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 24.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.498 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

Instrument :

MSVOA_W

ClientSampleId :

VW0226SBS01

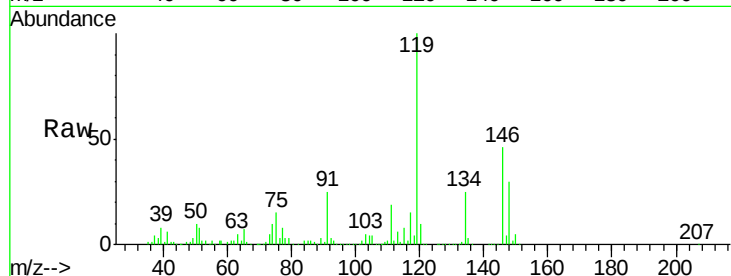
Tot Ion:146 Resp: 168951

Ion Ratio Lower Upper

146 100

111 39.4 19.9 59.7

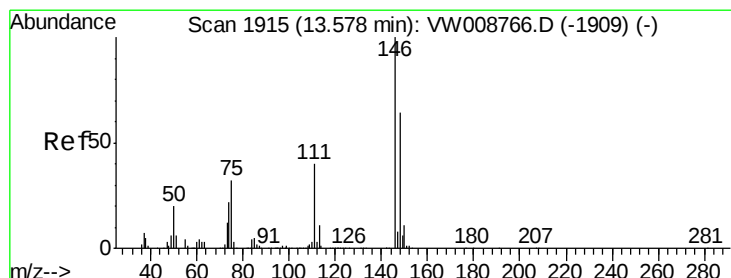
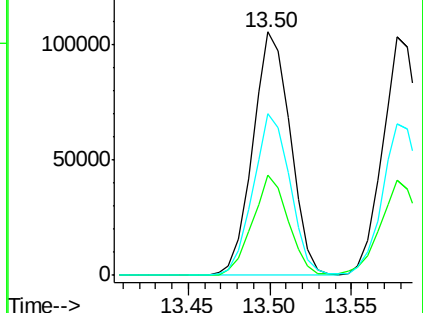
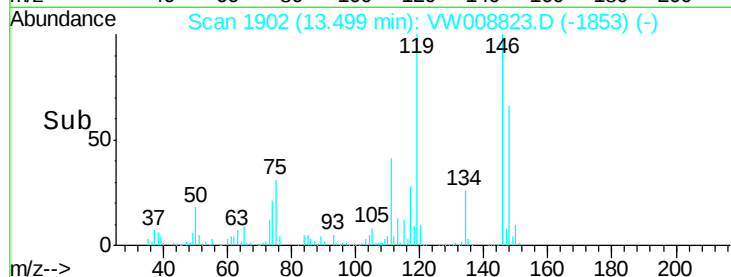
148 65.3 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.548 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW008823.D

Acq: 26 Feb 2019 11:56

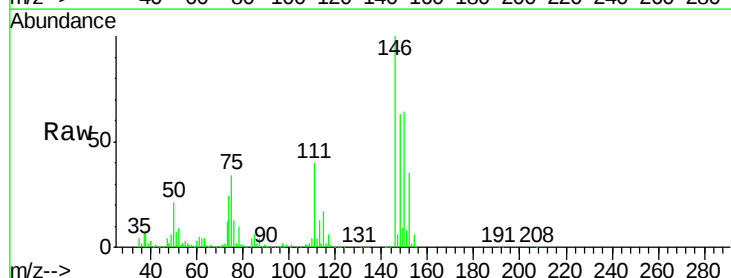
Tgt Ion:146 Resp: 166925

Ion Ratio Lower Upper

146 100

111 40.7 19.3 57.9

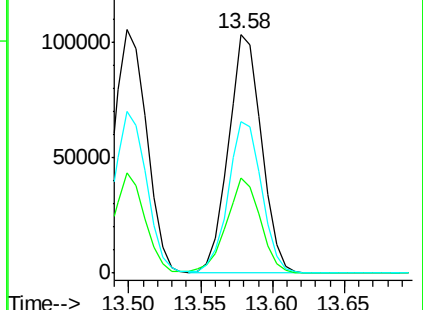
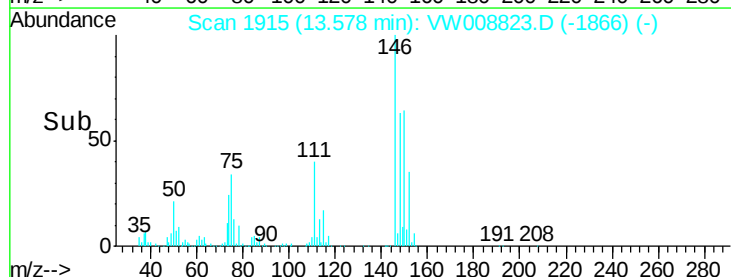
148 64.1 31.9 95.9

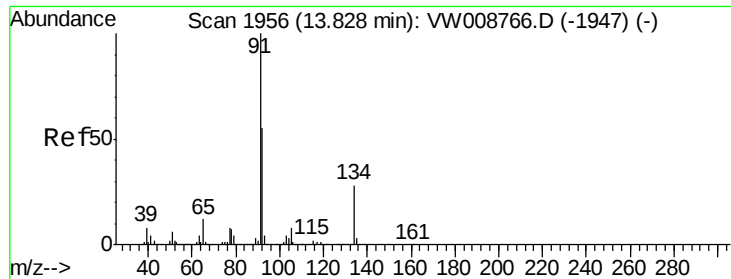


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

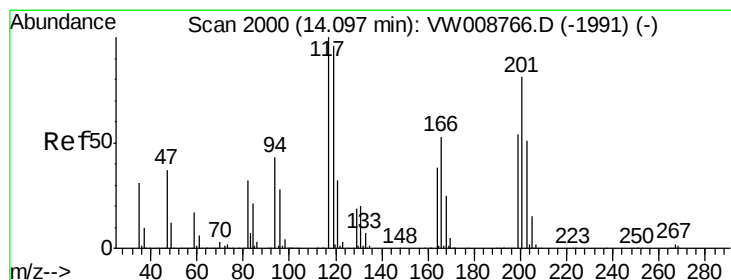
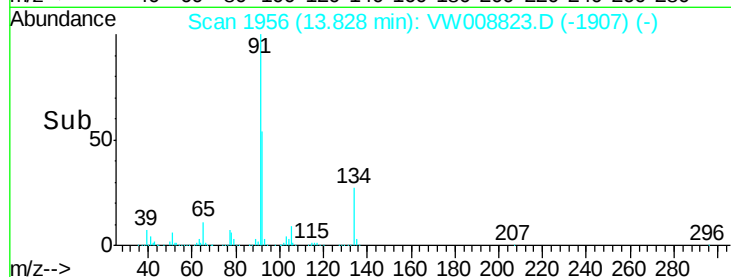
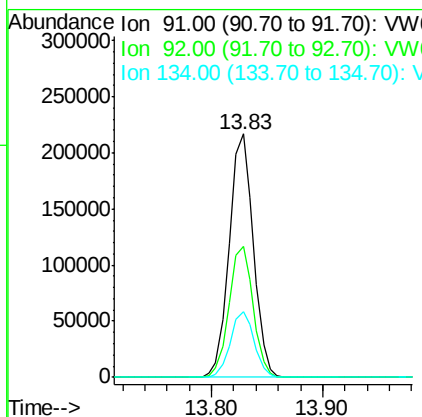
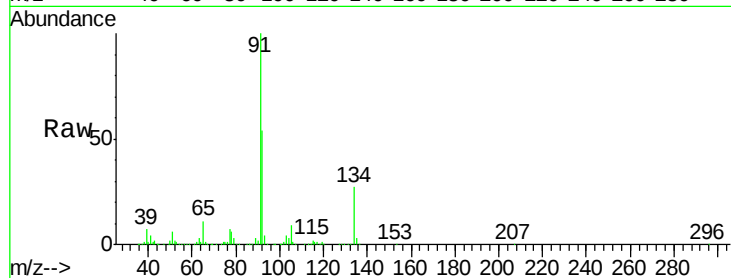




#89
n-Butylbenzene
Concen: 20.749 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

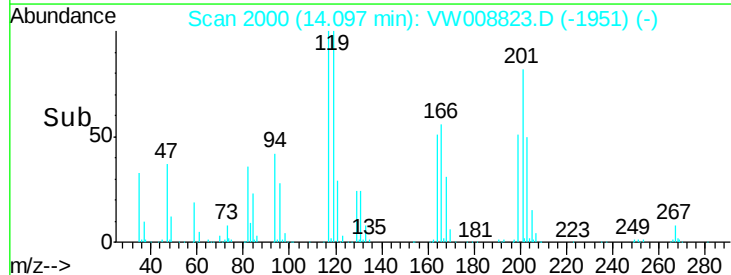
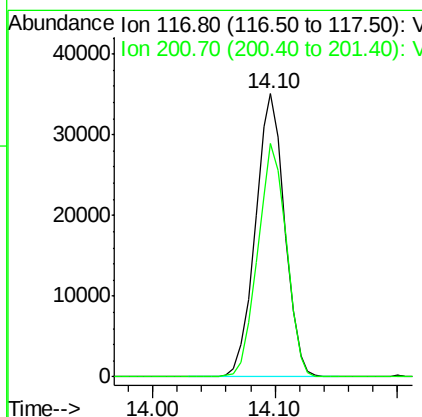
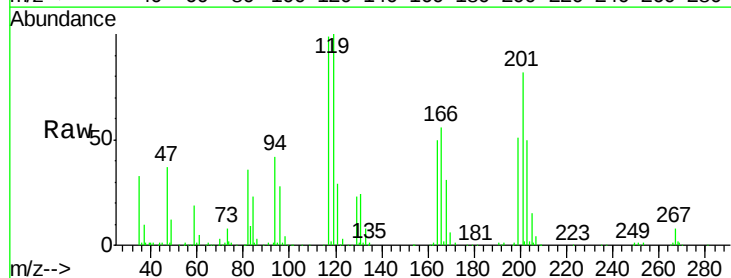
Instrument :
MSVOA_W
ClientSampleId :
VW0226SBS01

Tot Ion: 91 Resp: 323676
Ion Ratio Lower Upper
91 100
92 53.8 26.8 80.4
134 26.8 13.5 40.4



#90
Hexachloroethane
Concen: 21.453 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Tgt Ion: 117 Resp: 58479
Ion Ratio Lower Upper
117 100
201 80.7 40.3 120.8

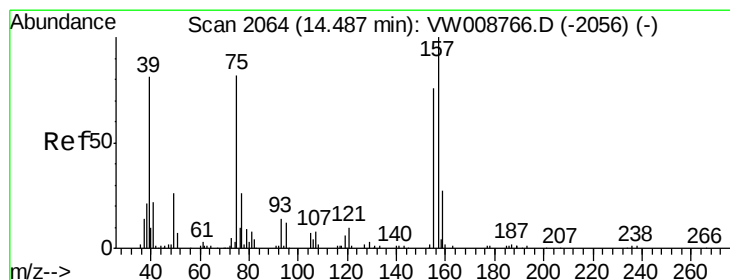
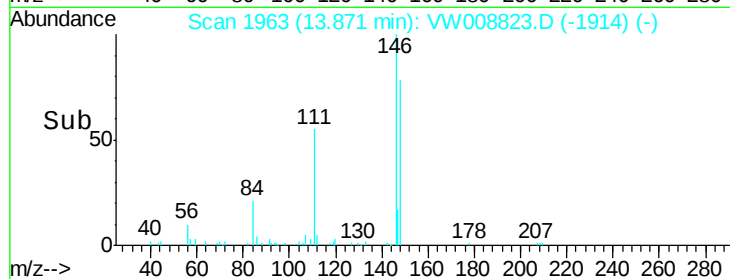
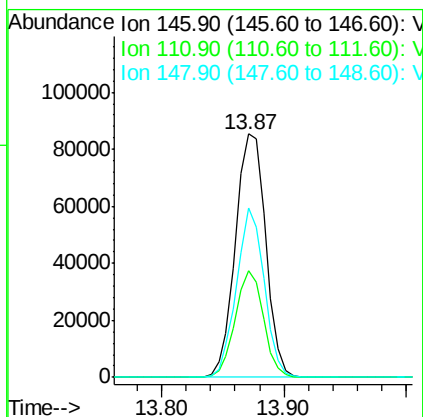
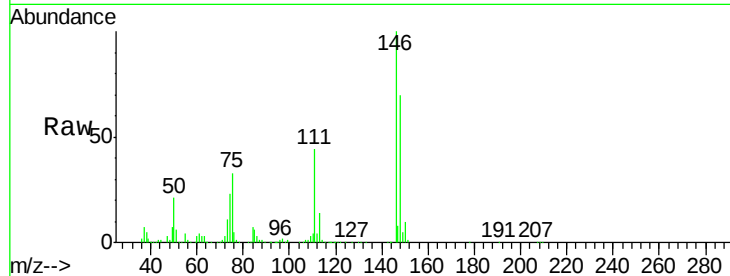




#91
 1,2-Dichlorobenzene
 Concen: 19.902 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

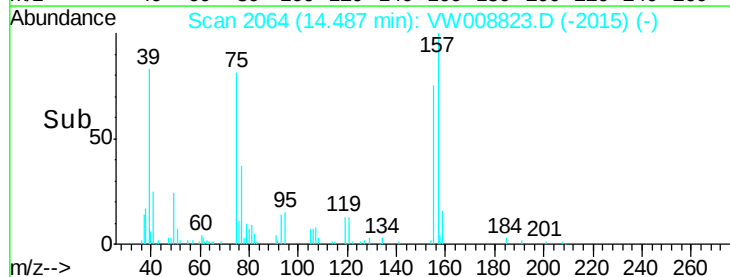
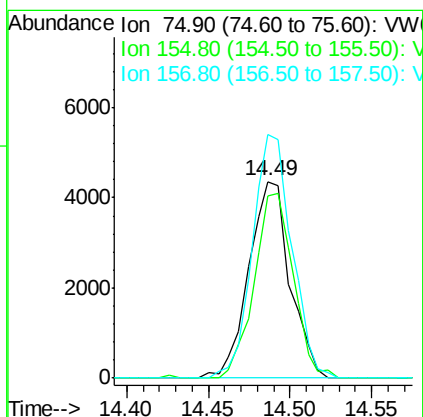
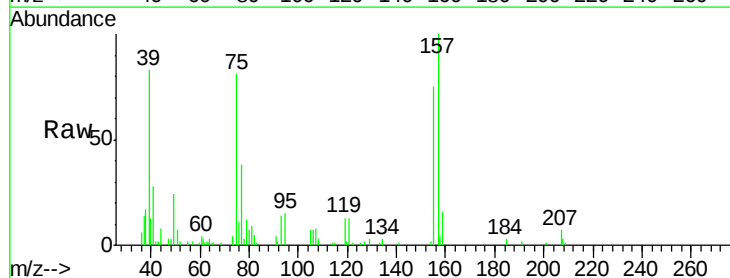
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0226SBS01

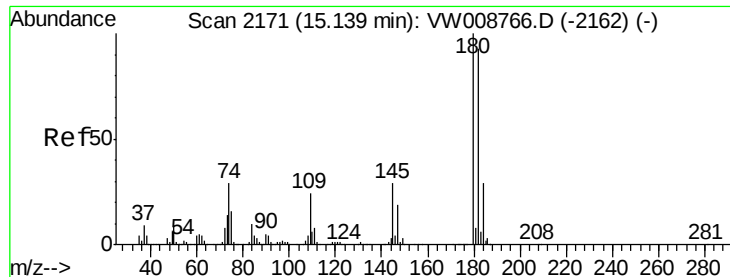
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.8
148	63.4	32.5	97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.333 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.3	41.8	125.4
157	118.6	56.6	169.9

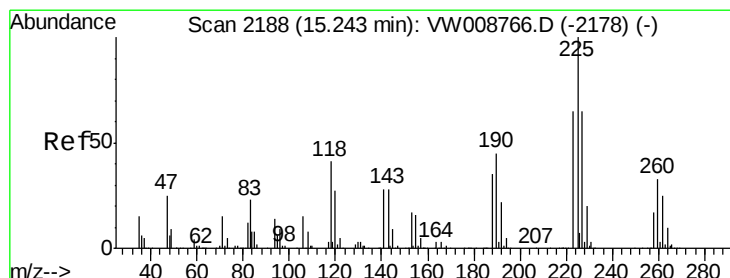
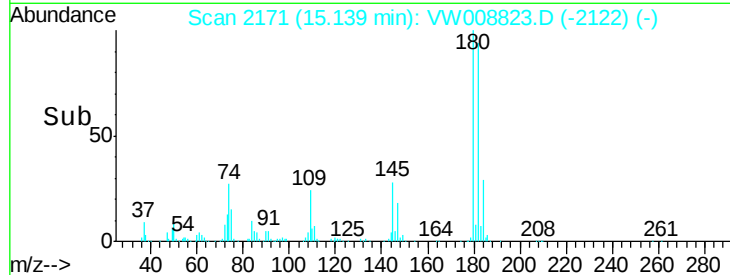
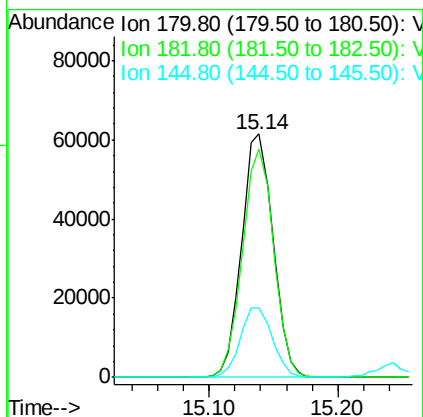
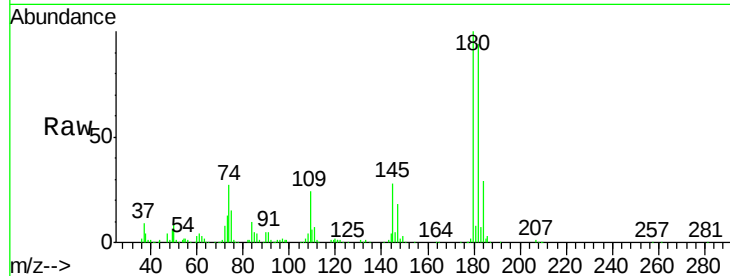




#93
 1,2,4-Trichlorobenzene
 Concen: 19.549 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

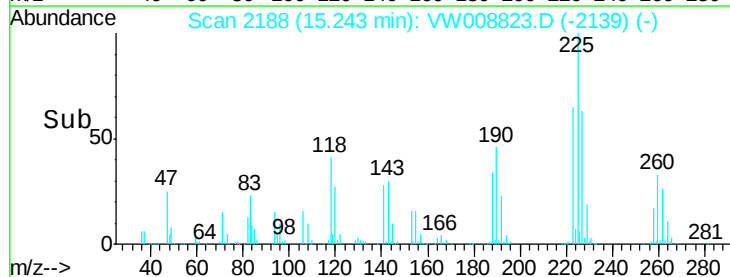
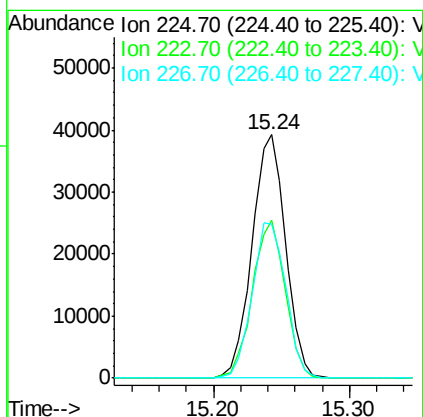
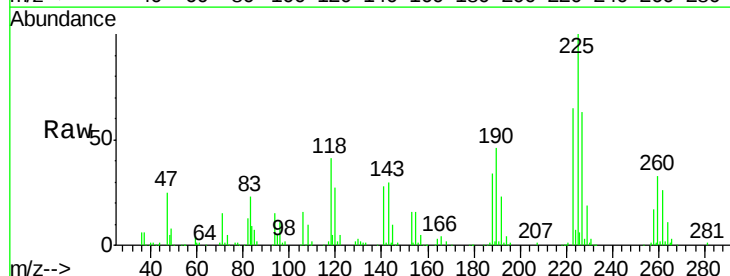
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0226SBS01

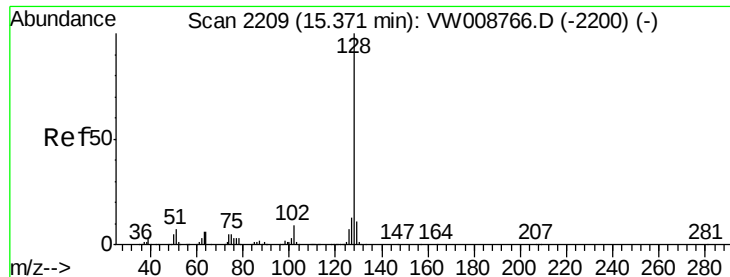
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.2	141.6
145	29.6	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 21.817 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008823.D
 Acq: 26 Feb 2019 11:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.5	94.5
227	64.0	31.6	94.8

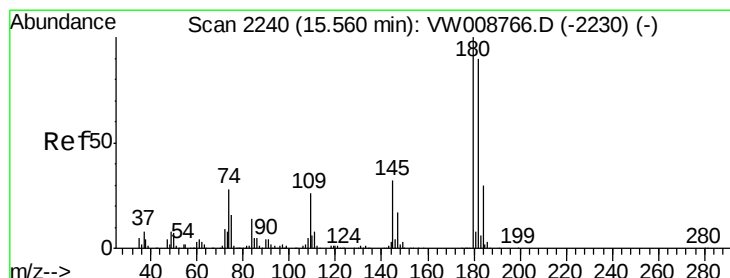
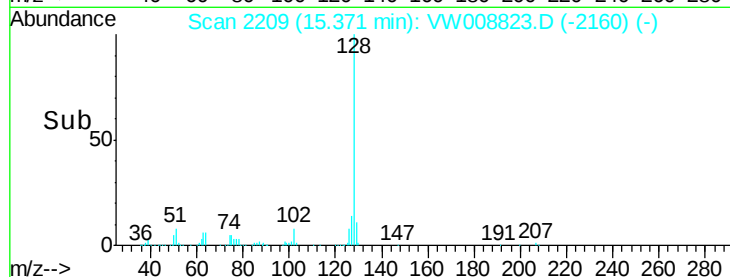
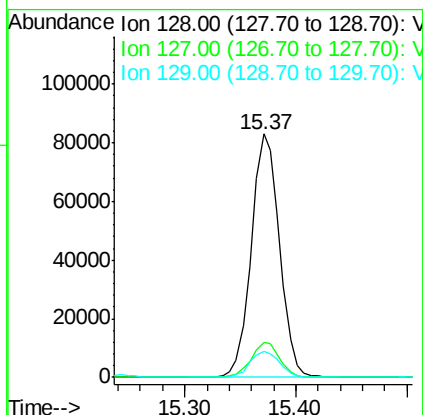
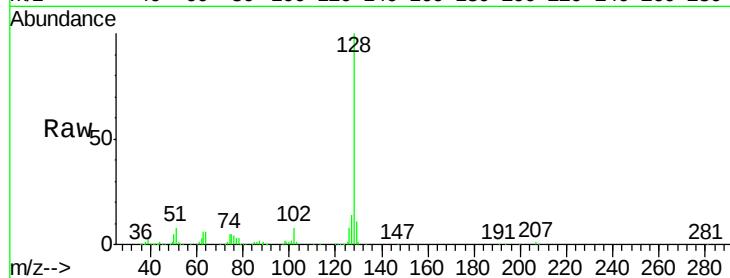




#95
Naphthalene
Concen: 16.231 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Instrument :
MSVOA_W
ClientSampleId :
VW0226SBS01

Tot Ion:128 Resp: 146229
Ion Ratio Lower Upper
128 100
127 14.5 10.8 16.2
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.621 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW008823.D
Acq: 26 Feb 2019 11:56

Tgt Ion:180 Resp: 85195
Ion Ratio Lower Upper
180 100
182 96.0 46.9 140.8
145 31.6 15.9 47.6

