

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005842.D
 Acq On : 04 Oct 2018 07:55
 Operator : SY/AP
 Sample : VW1004SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Quant Time: Oct 04 09:13:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	277874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	278542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149284	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	109934	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
35) Dibromofluoromethane	7.89	113	89756	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
50) Toluene-d8	10.33	98	399720	55.27	ug/l	0.00
Spiked Amount			Recovery	=	110.54%	
62) 4-Bromofluorobenzene	12.62	95	146035	54.64	ug/l	0.00
Spiked Amount			Recovery	=	109.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	21398	20.821	ug/l	96
3) Chloromethane	2.21	50	22853	18.453	ug/l	98
4) Vinyl Chloride	2.37	62	33717	18.593	ug/l	96
5) Bromomethane	2.79	94	24318	19.243	ug/l	97
6) Chloroethane	2.93	64	21327	19.229	ug/l	91
7) Trichlorofluoromethane	3.26	101	25681	20.591	ug/l	99
8) Diethyl Ether	3.68	74	17698	18.713	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	33219	19.259	ug/l	100
10) Methyl Iodide	4.26	142	53866	19.246	ug/l	97
11) Tert butyl alcohol	5.21	59	4760	36.057	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	32421	19.182	ug/l	99
13) Acrolein	3.90	56	12546	94.587	ug/l	96
14) Allyl chloride	4.67	41	51147	18.647	ug/l	96
15) Acrylonitrile	5.38	53	35368	88.250	ug/l	99
16) Acetone	4.14	43	32433	89.016	ug/l	96
17) Carbon Disulfide	4.38	76	97096	18.169	ug/l	100
18) Methyl Acetate	4.68	43	16469	15.894	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	52507	19.789	ug/l	95
20) Methylene Chloride	4.92	84	45199	17.705	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	36183	19.614	ug/l	92
22) Diisopropyl ether	6.31	45	105878	19.668	ug/l	95
23) Vinyl Acetate	6.26	43	286510	93.694	ug/l	98
24) 1,1-Dichloroethane	6.22	63	68064	19.486	ug/l	99
25) 2-Butanone	7.18	43	42828	83.562	ug/l	99
26) 2,2-Dichloropropane	7.17	77	42125	19.315	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	40684	19.785	ug/l	97
28) Bromochloromethane	7.52	49	23781	19.276	ug/l	98
29) Tetrahydrofuran	7.54	42	28149	88.967	ug/l	98
30) Chloroform	7.68	83	72933	19.483	ug/l	99
31) Cyclohexane	7.96	56	56559	18.941	ug/l	92
32) 1,1,1-Trichloroethane	7.88	97	65405	20.472	ug/l	99
36) 1,1-Dichloropropene	8.09	75	54455	19.715	ug/l	100
37) Ethyl Acetate	7.26	43	19534	16.993	ug/l	98
38) Carbon Tetrachloride	8.07	117	62986	20.466	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	59706	19.202	ug/l	97
40) Benzene	8.33	78	153973	19.234	ug/l	99
41) Methacrylonitrile	7.49	41	12732	18.534	ug/l	94
42) 1,2-Dichloroethane	8.40	62	52311	19.429	ug/l	99
43) Isopropyl Acetate	8.43	43	40837	17.972	ug/l	98
44) Trichloroethene	9.10	130	41174	19.461	ug/l	98
45) 1,2-Dichloropropane	9.37	63	35907	18.943	ug/l	95
46) Dibromomethane	9.46	93	19547	18.855	ug/l	98
47) Bromodichloromethane	9.65	83	52840	19.258	ug/l	97
48) Methyl methacrylate	9.44	41	18758	17.052	ug/l	90
49) 1,4-Dioxane	9.49	88	6121	377.885	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	112868	95.481	ug/l	99
52) Toluene	10.40	92	107419	21.054	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	53995	20.155	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	61035	20.349	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	30071	20.078	ug/l	97
56) Ethyl methacrylate	10.65	69	35468	19.774	ug/l	97
57) 1,3-Dichloropropane	10.94	76	50829	19.935	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	78163	105.998	ug/l	99
59) 2-Hexanone	10.98	43	75719	95.768	ug/l	99
60) Dibromochloromethane	11.13	129	37728	20.179	ug/l	97
61) 1,2-Dibromoethane	11.24	107	27759	19.953	ug/l	99
64) Tetrachloroethene	10.87	164	44697	20.558	ug/l	98
65) Chlorobenzene	11.66	112	118966	19.533	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	43913	19.452	ug/l	98
67) Ethyl Benzene	11.74	91	206742	19.824	ug/l	100
68) m/p-Xylenes	11.85	106	161293	40.137	ug/l	99
69) o-Xylene	12.17	106	73348	19.637	ug/l	99
70) Styrene	12.19	104	124178	19.600	ug/l	100
71) Bromoform	12.35	173	23243	18.703	ug/l #	98
73) Isopropylbenzene	12.47	105	211762	20.617	ug/l	100
74) N-amyl acetate	12.28	43	41339	18.493	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	34177	19.393	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	46953	34.608	ug/l #	100
77) Bromobenzene	12.75	156	50954	20.092	ug/l	98
78) n-propylbenzene	12.81	91	252112	20.636	ug/l	99
79) 2-Chlorotoluene	12.90	91	147263	20.238	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	182436	20.453	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	9982	18.598	ug/l	99
82) 4-Chlorotoluene	12.99	91	159914	20.849	ug/l	100
83) tert-Butylbenzene	13.21	119	153048	20.574	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	190324	20.781	ug/l	97
85) sec-Butylbenzene	13.39	105	215868	20.103	ug/l	100
86) p-Isopropyltoluene	13.51	119	199991	20.749	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	99933	19.534	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	99272	19.448	ug/l	98
89) n-Butylbenzene	13.83	91	177581	20.004	ug/l	99
90) Hexachloroethane	14.10	117	35950	19.837	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	91826	19.964	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6478	19.013	ug/l	98

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Response via : Initial Calibration

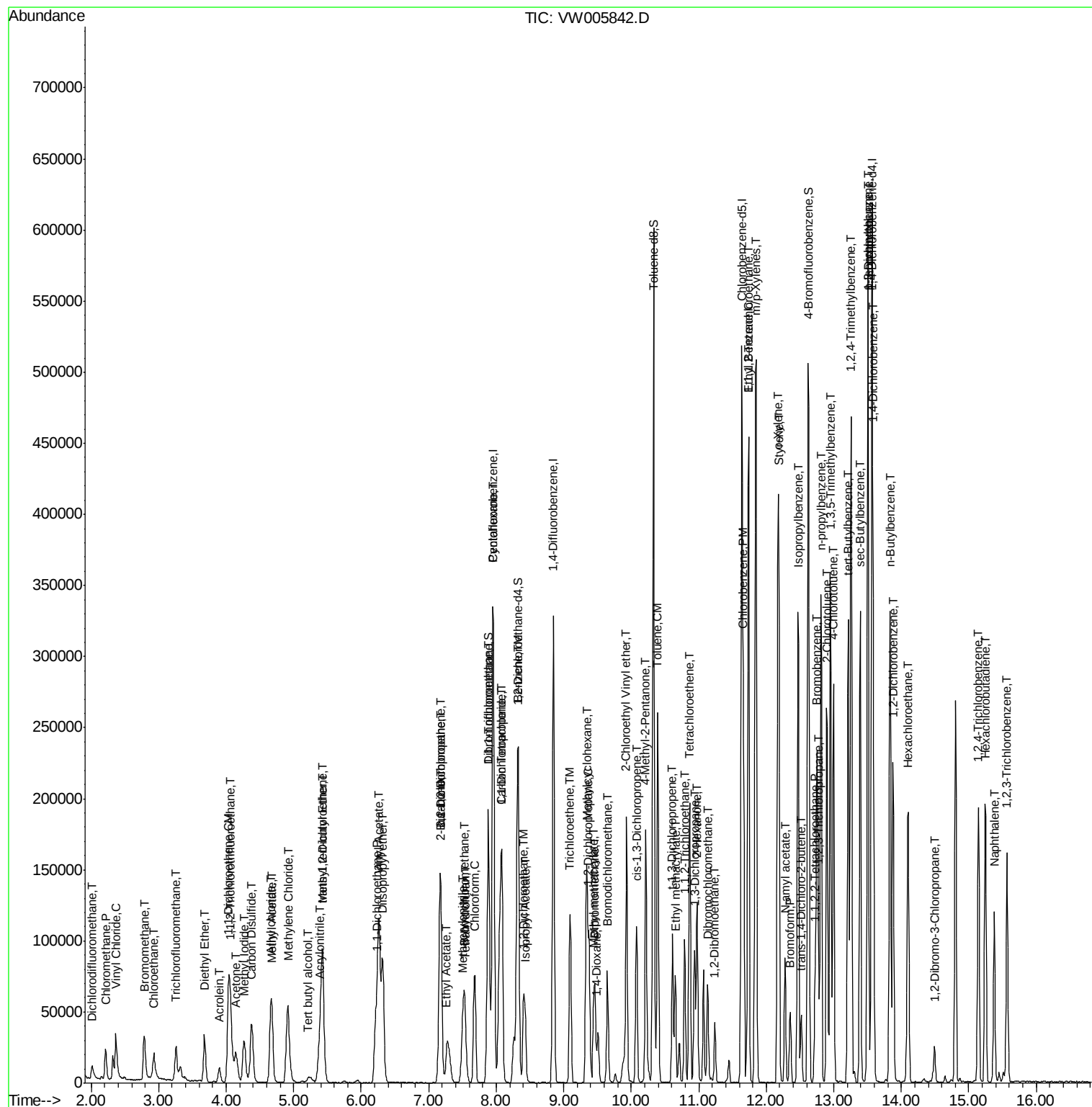
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	64385	20.030	ug/l	100
94) Hexachlorobutadiene	15.24	225	40866	20.105	ug/l	99
95) Naphthalene	15.38	128	104859	18.574	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	56866	19.677	ug/l	99

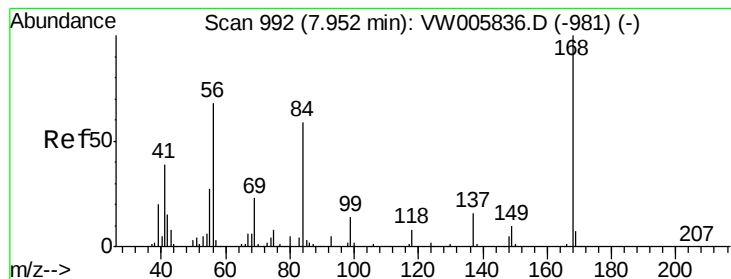
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

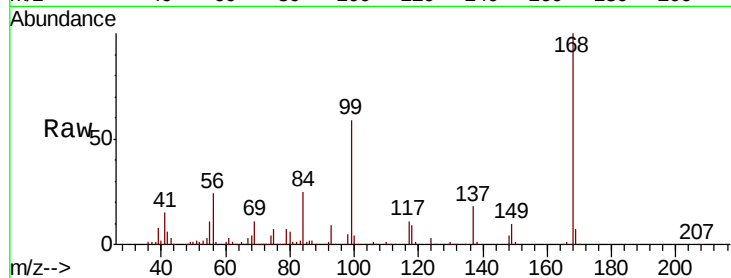
VW1004SBS01

Tot Ion:168 Resp: 179962

Ion Ratio Lower Upper

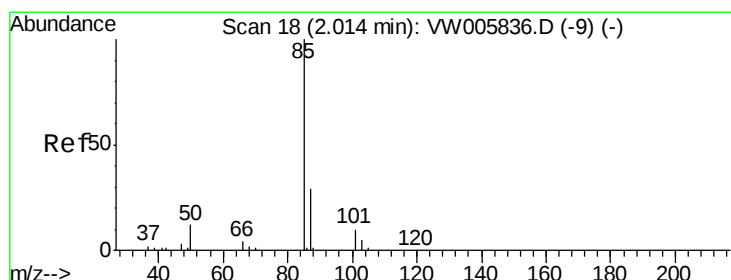
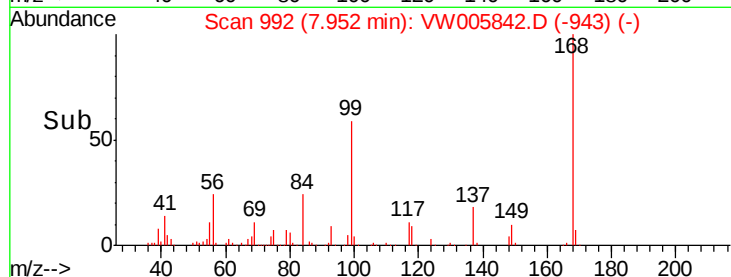
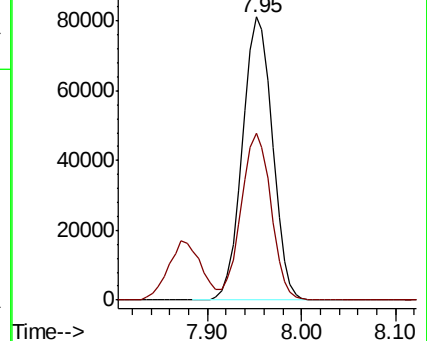
168 100

99 59.2 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.821 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005842.D

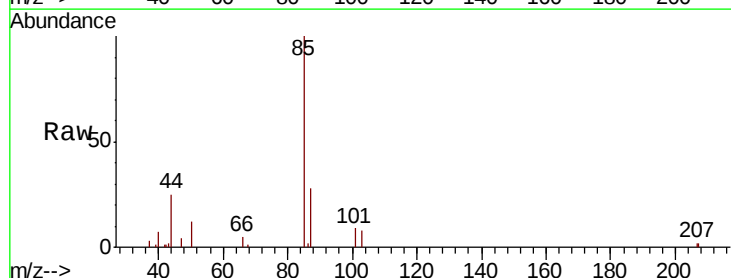
Acq: 04 Oct 2018 07:55

Tgt Ion: 85 Resp: 21398

Ion Ratio Lower Upper

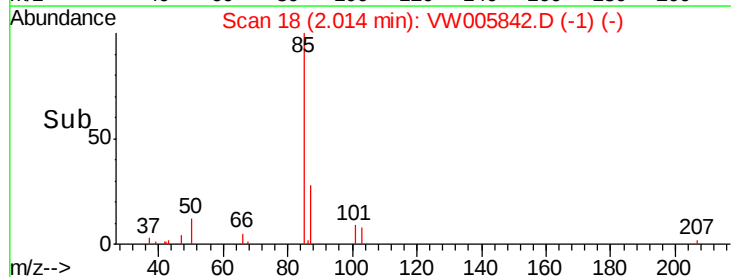
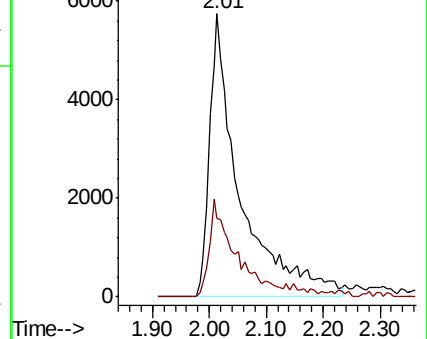
85 100

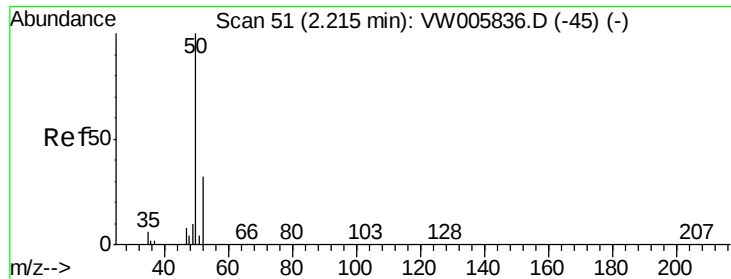
87 27.6 14.8 44.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.453 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

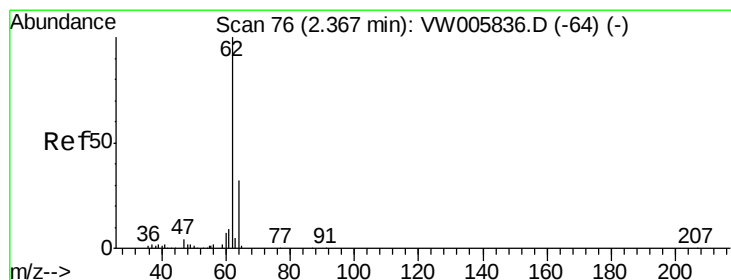
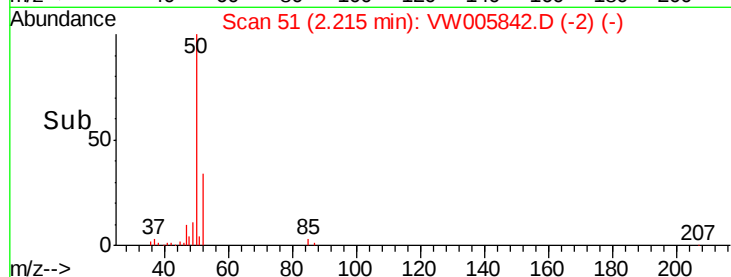
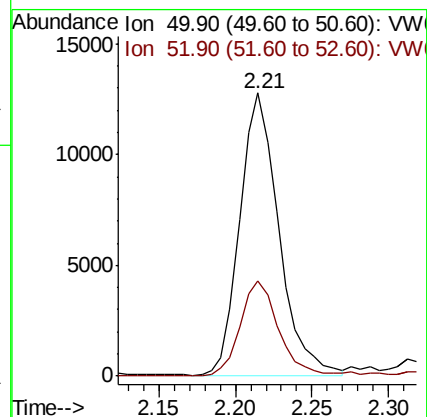
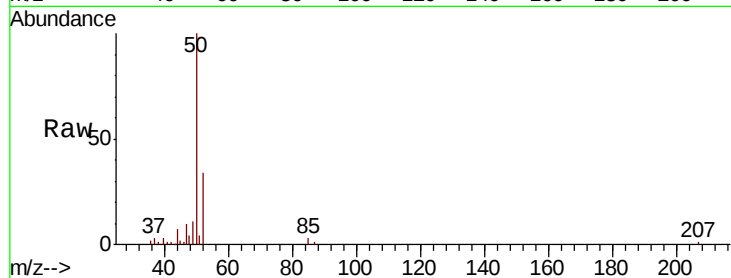
VW1004SBS01

Tot Ion: 50 Resp: 22853

Ion Ratio Lower Upper

50 100

52 33.7 26.0 39.0



#4

Vinyl Chloride

Concen: 18.593 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005842.D

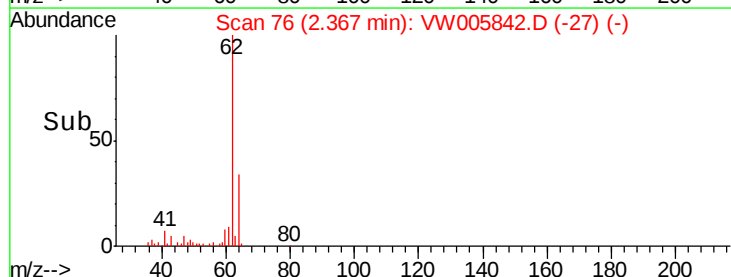
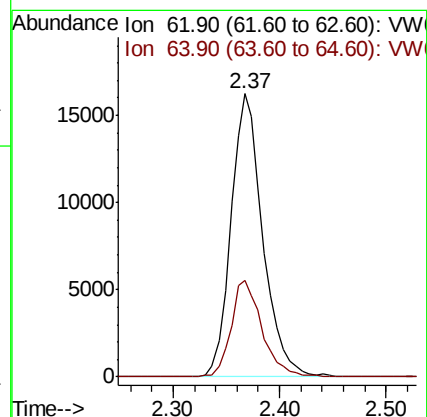
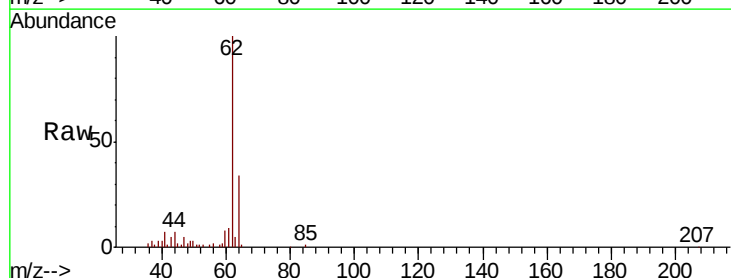
Acq: 04 Oct 2018 07:55

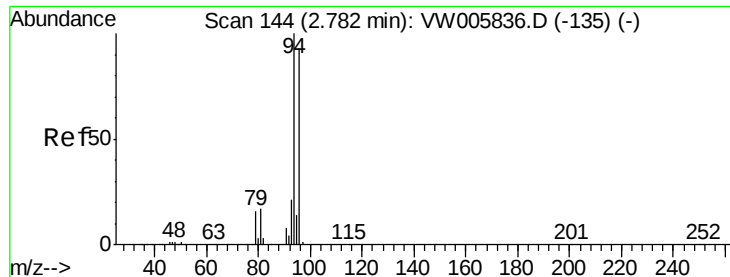
Tgt Ion: 62 Resp: 33717

Ion Ratio Lower Upper

62 100

64 34.3 25.7 38.5





#5

Bromomethane

Concen: 19.243 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

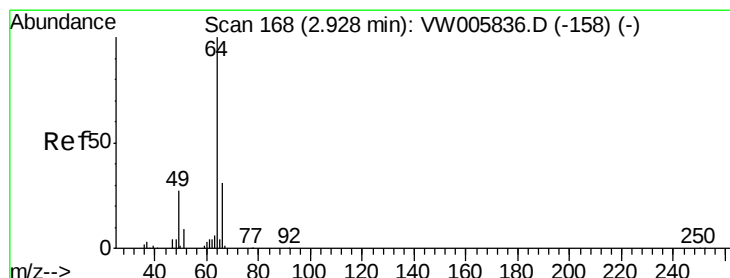
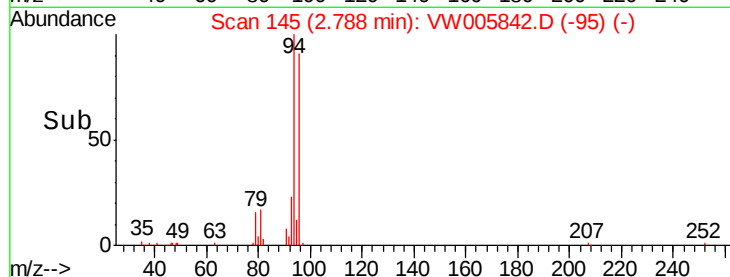
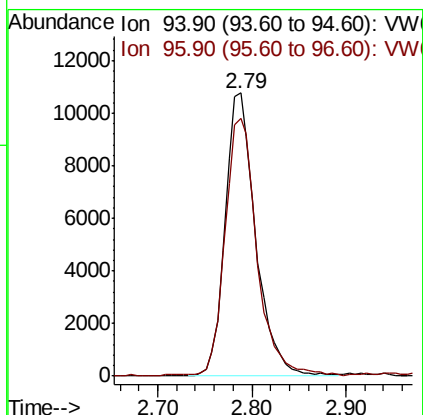
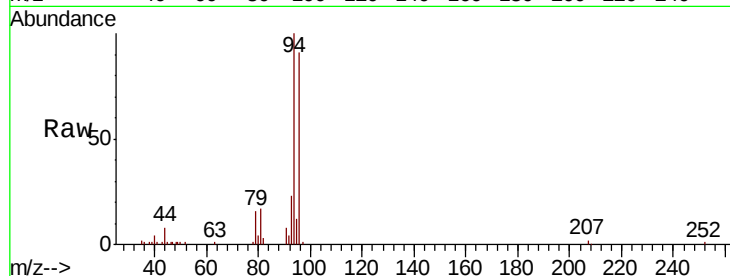
VW1004SBS01

Tot Ion: 94 Resp: 24318

Ion Ratio Lower Upper

94 100

96 90.5 74.5 111.7



#6

Chloroethane

Concen: 19.229 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005842.D

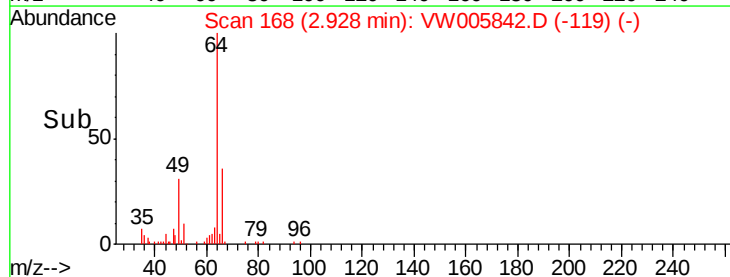
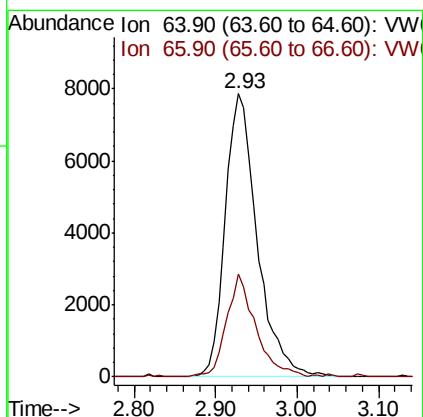
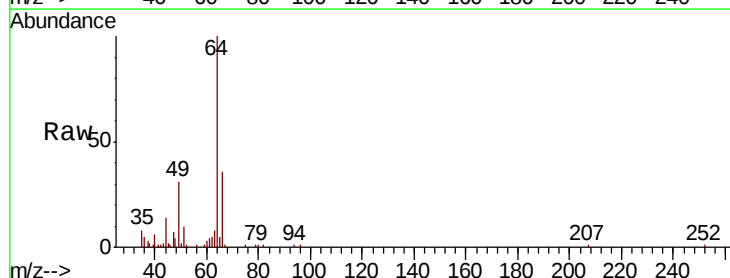
Acq: 04 Oct 2018 07:55

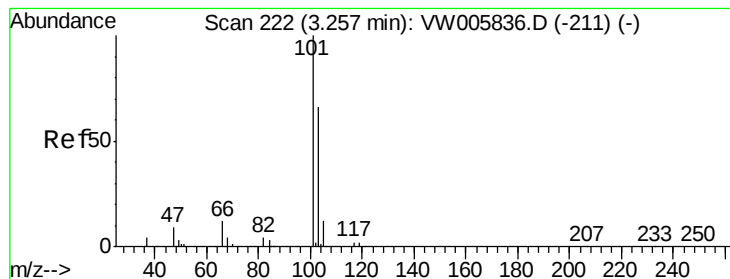
Tgt Ion: 64 Resp: 21327

Ion Ratio Lower Upper

64 100

66 36.3 25.0 37.6



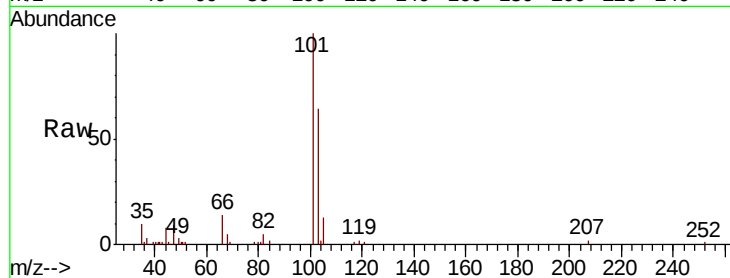


#7

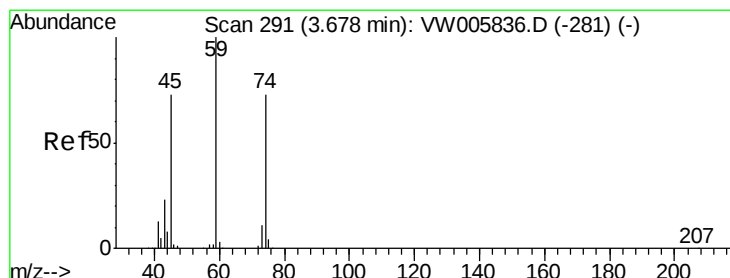
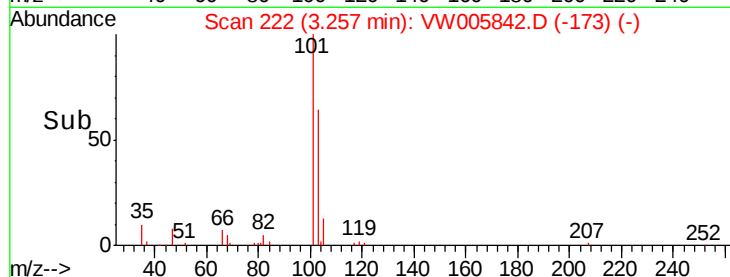
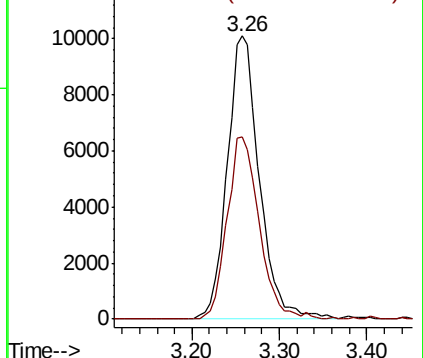
Trichlorofluoromethane
 Concen: 20.591 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Instrument :
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 ClientSampleId :
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Tot Ion:101 Resp: 25681
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.5 78.7



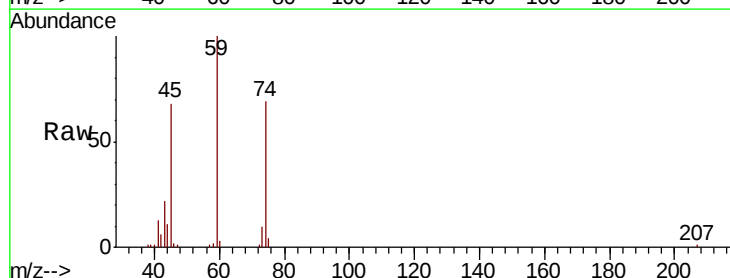
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



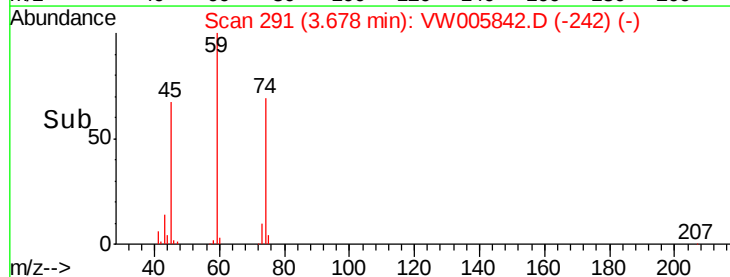
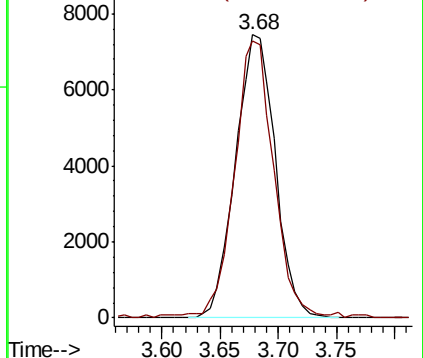
#8

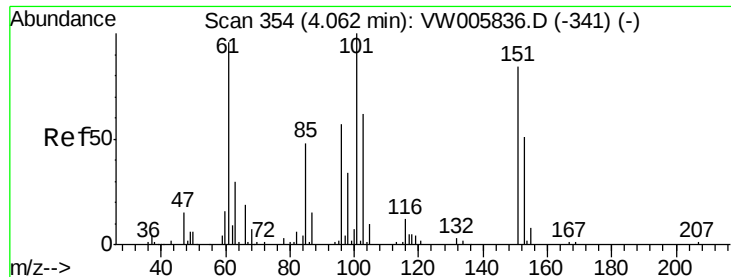
Diethyl Ether
 Concen: 18.713 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005842.D
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Tgt Ion: 74 Resp: 17698
 Ion Ratio Lower Upper
 74 100
 45 97.7 49.1 147.4



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: 19.259 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW005842.D

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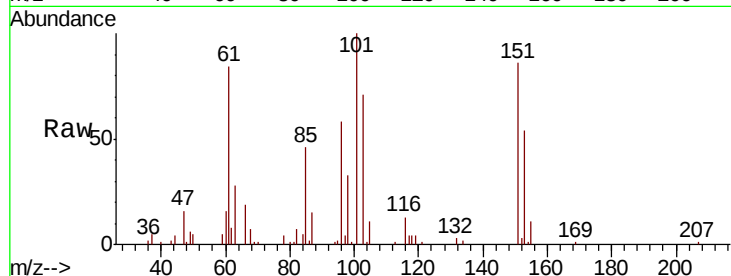
Tot Ion:101 Resp: 33219

Ion Ratio Lower Upper

101 100

85 44.9 35.5 53.3

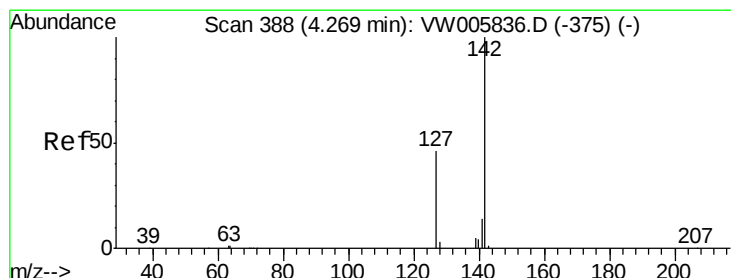
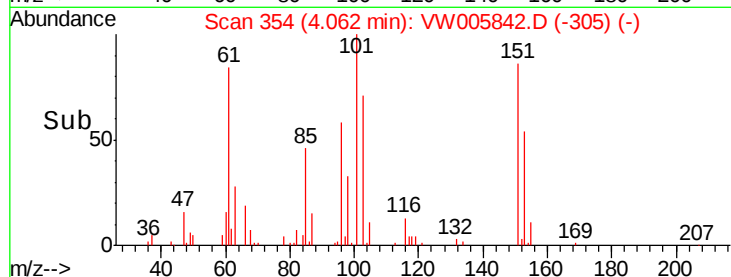
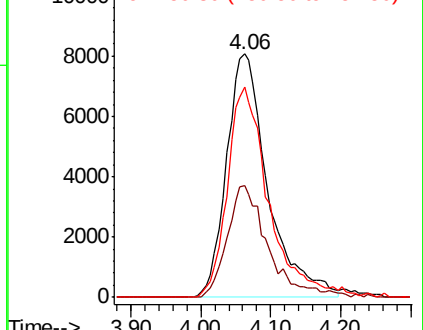
151 84.5 67.4 101.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.246 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

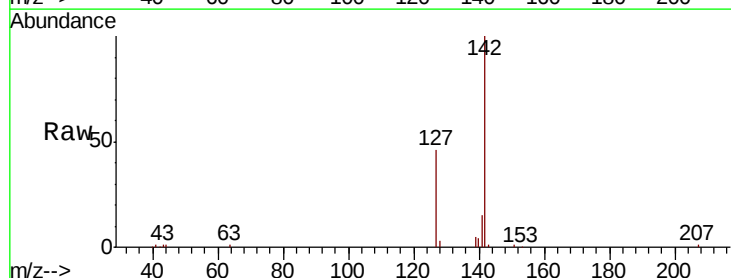
Tgt Ion:142 Resp: 53866

Ion Ratio Lower Upper

142 100

127 48.8 37.4 56.0

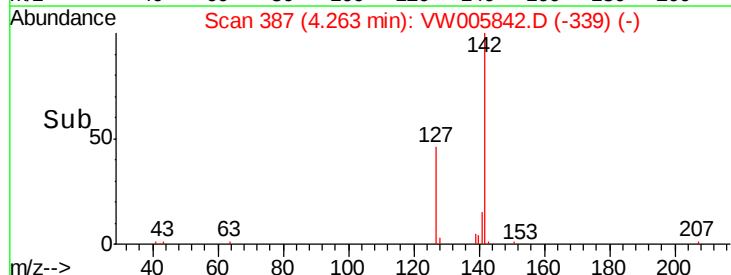
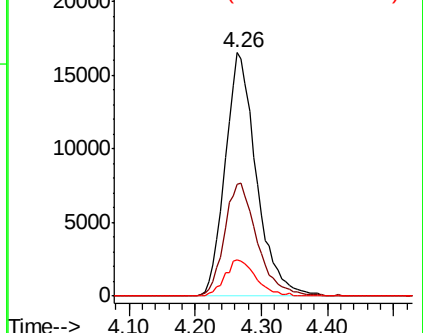
141 14.9 12.2 18.2

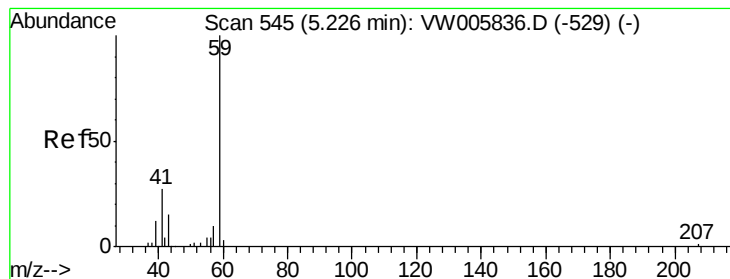


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 36.057 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

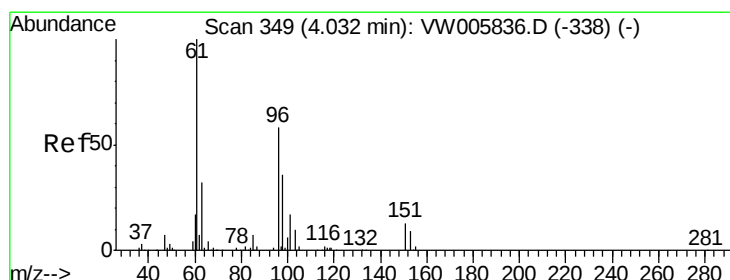
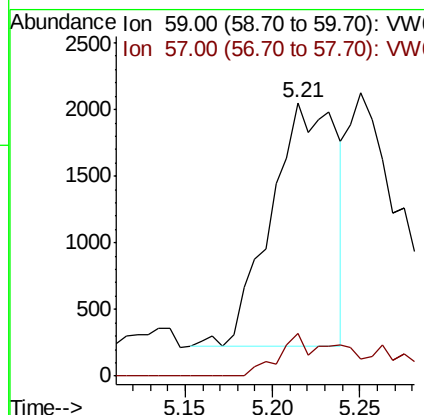
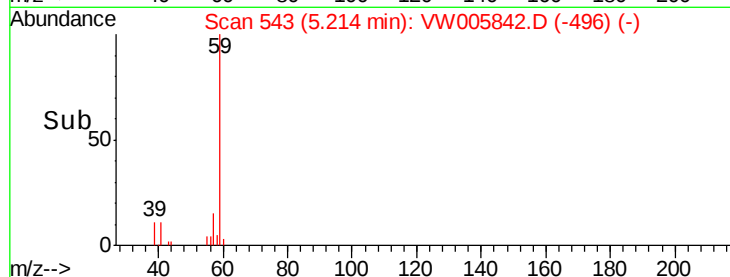
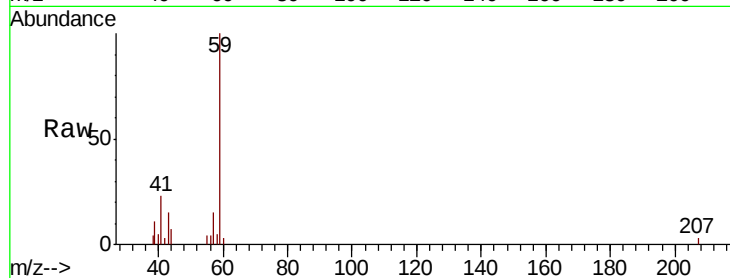
VW1004SBS01

Tot Ion: 59 Resp: 4760

Ion Ratio Lower Upper

59 100

57 10.9 4.9 7.3#



#12

1,1-Dichloroethene

Concen: 19.182 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

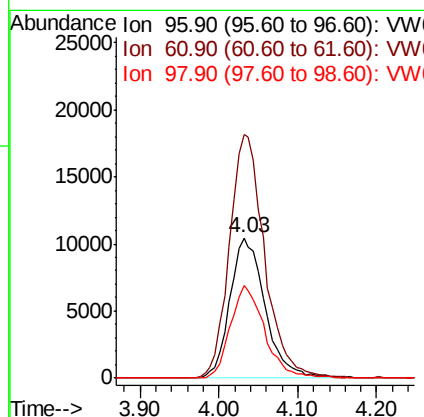
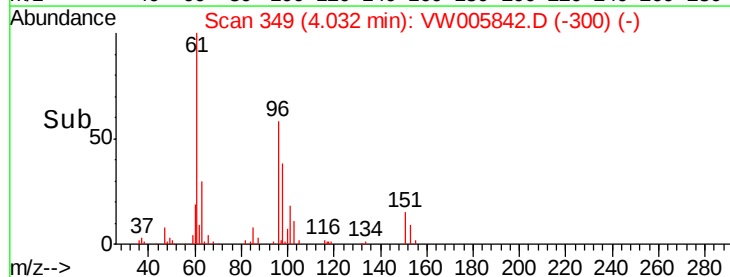
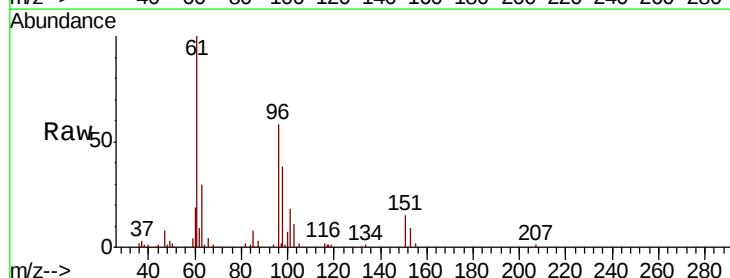
Tgt Ion: 96 Resp: 32421

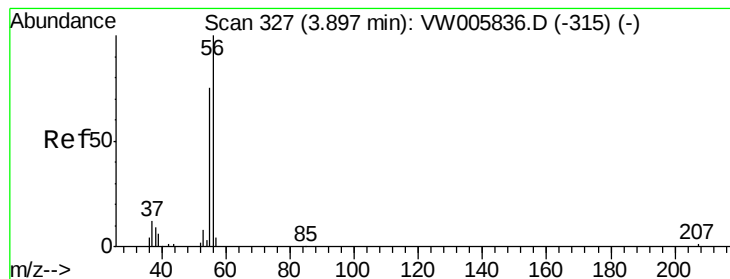
Ion Ratio Lower Upper

96 100

61 173.4 138.8 208.2

98 66.1 50.6 75.8





#13

Acrolein

Concen: 94.587 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

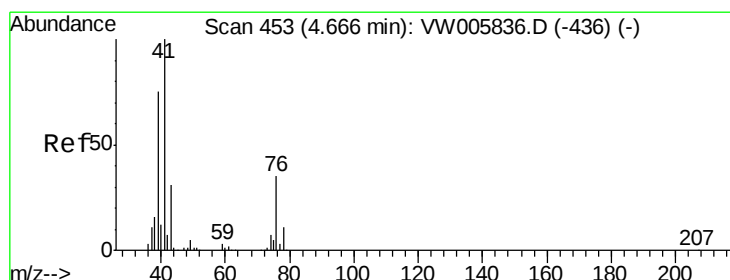
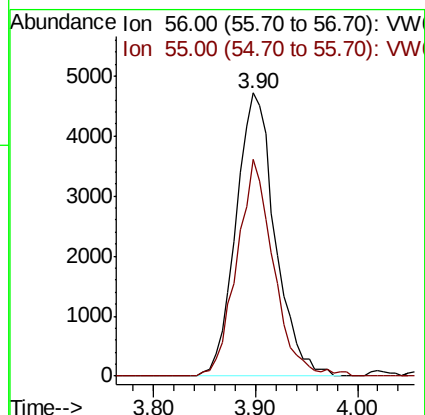
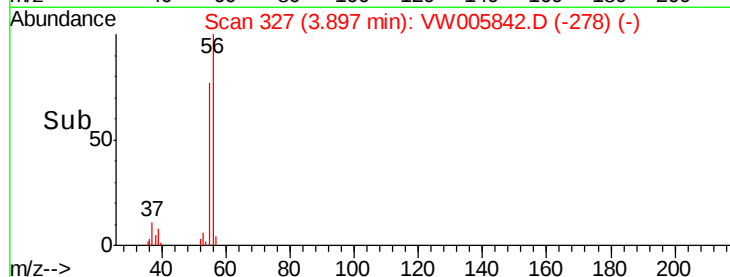
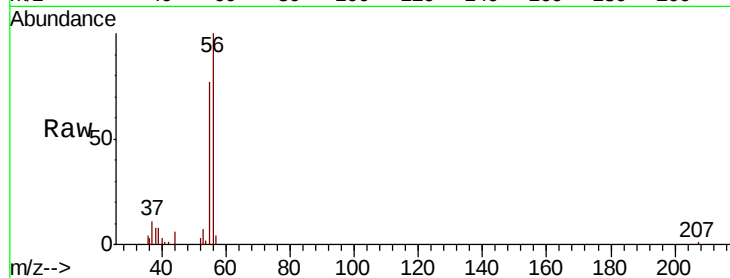
VW1004SBS01

Tot Ion: 56 Resp: 12546

Ion Ratio Lower Upper

56 100

55 71.0 59.2 88.8



#14

Allyl chloride

Concen: 18.647 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

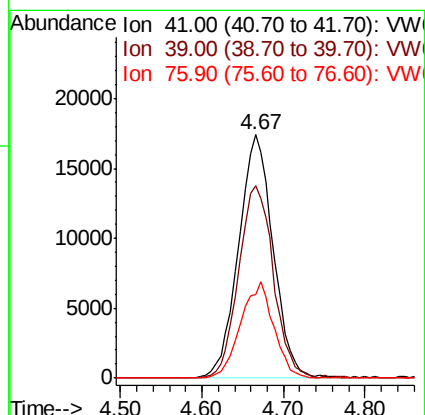
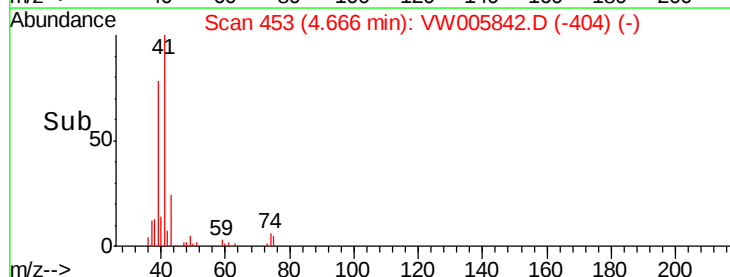
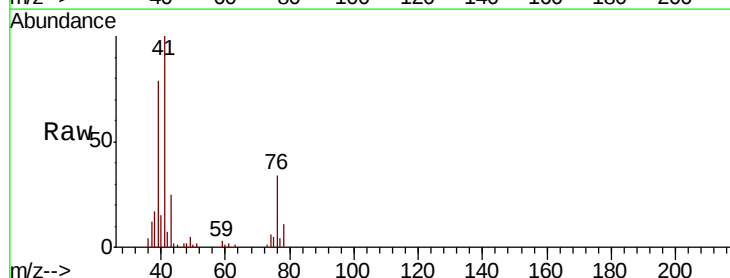
Tgt Ion: 41 Resp: 51147

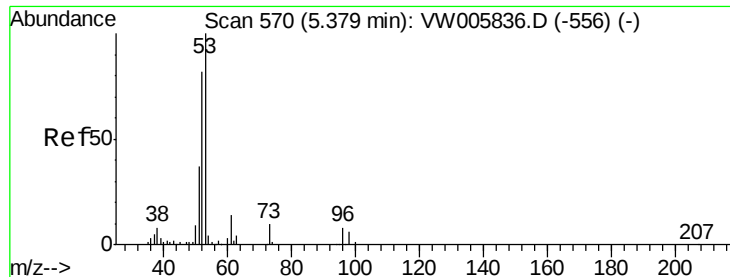
Ion Ratio Lower Upper

41 100

39 79.5 60.3 90.5

76 37.7 28.9 43.3





#15

Acrylonitrile

Concen: 88.250 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

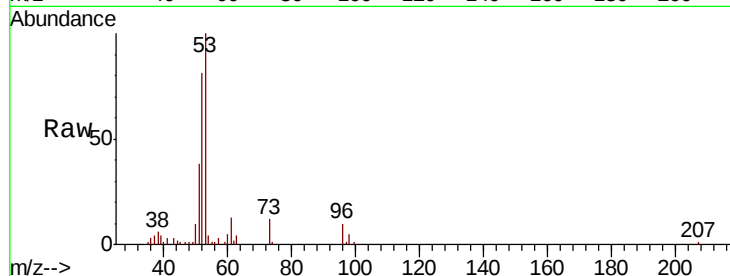
Tot Ion: 53 Resp: 35368

Ion Ratio Lower Upper

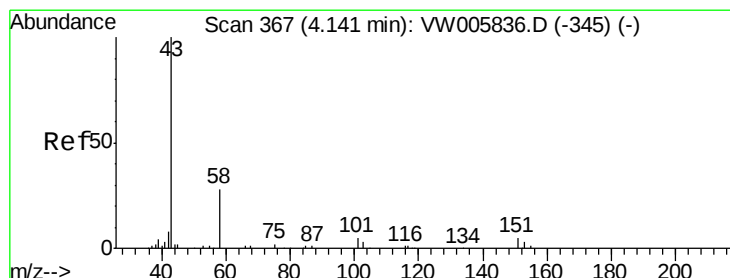
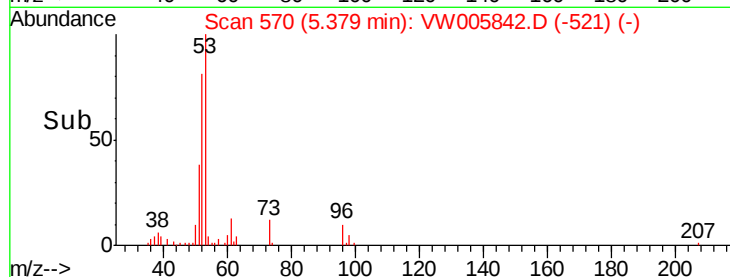
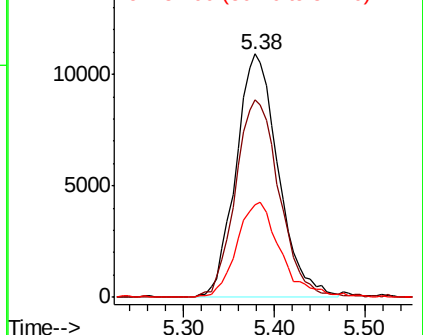
53 100

52 83.9 67.3 100.9

51 40.0 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 89.016 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW005842.D

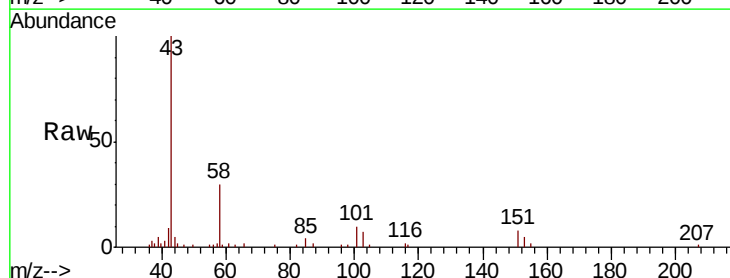
Acq: 04 Oct 2018 07:55

Tgt Ion: 43 Resp: 32433

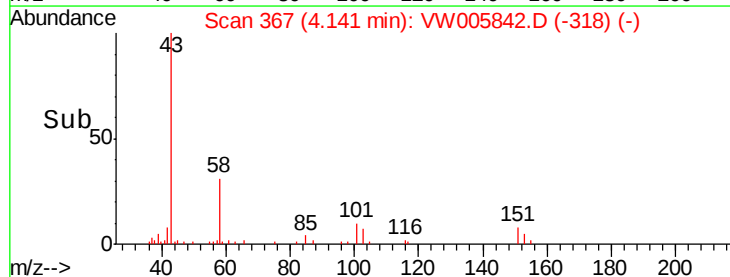
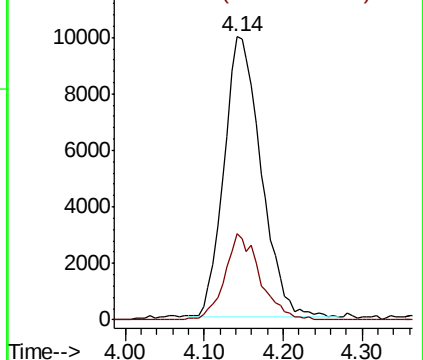
Ion Ratio Lower Upper

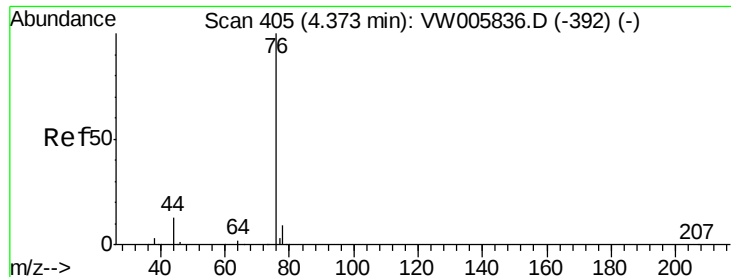
43 100

58 30.8 23.0 34.4



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

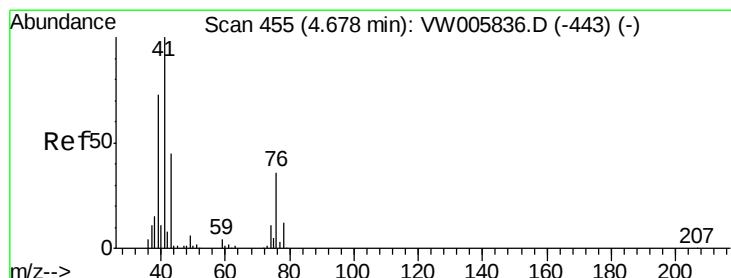
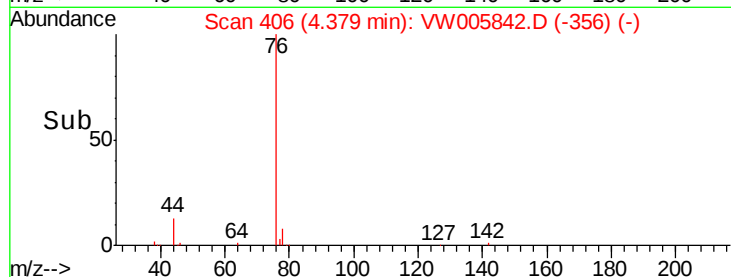
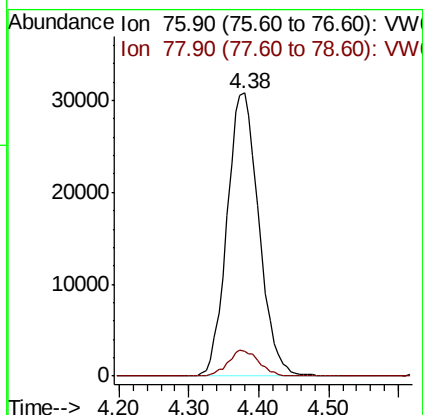
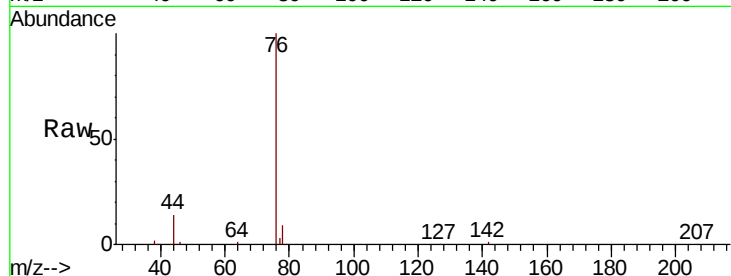




#17
Carbon Disulfide
Concen: 18.169 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

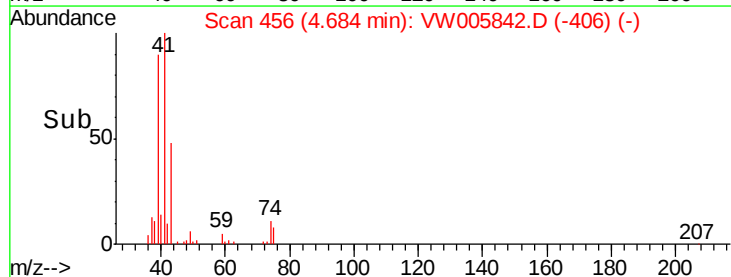
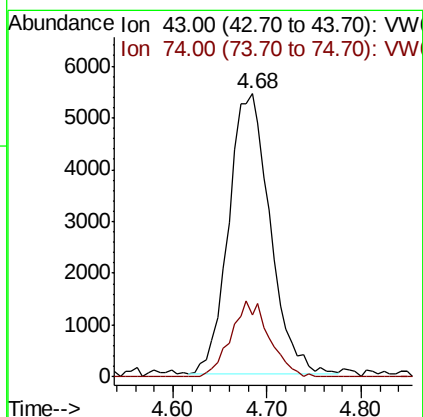
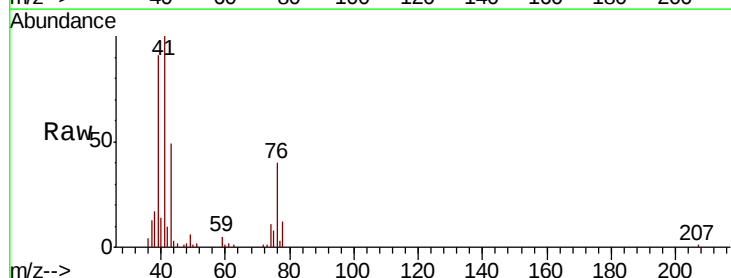
Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

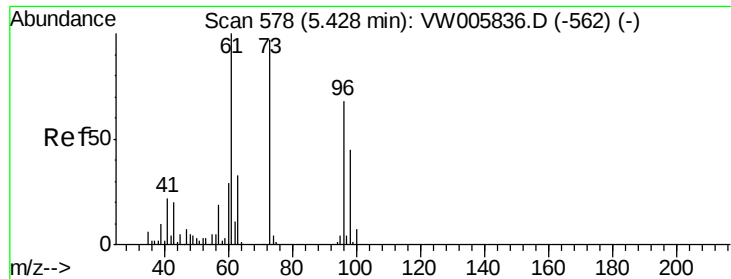
Tot Ion: 76 Resp: 97096
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 15.894 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion: 43 Resp: 16469
Ion Ratio Lower Upper
43 100
74 25.2 19.5 29.3

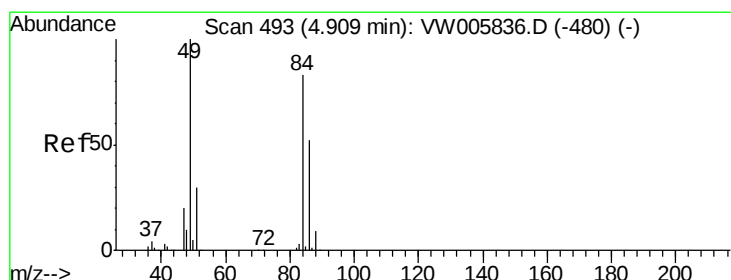
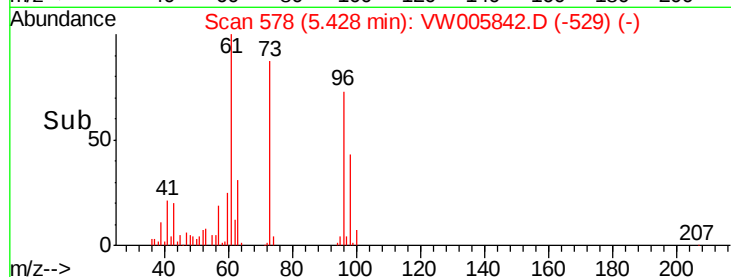
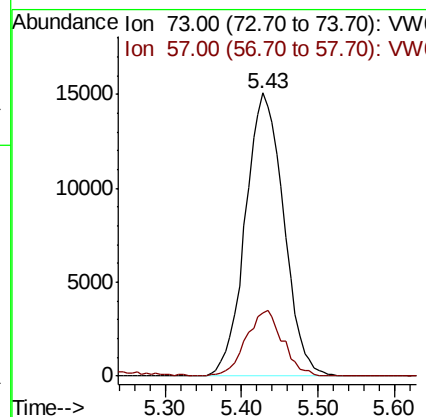
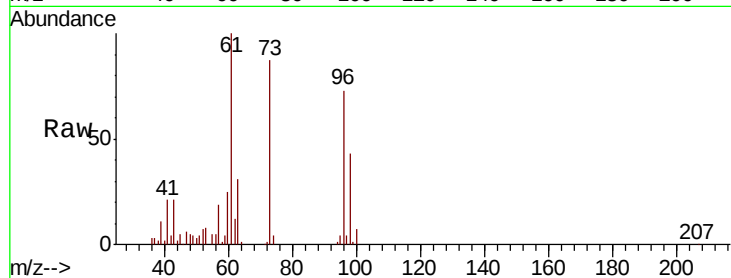




#19
Methvl tert-butvl Ether
Concen: 19.789 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

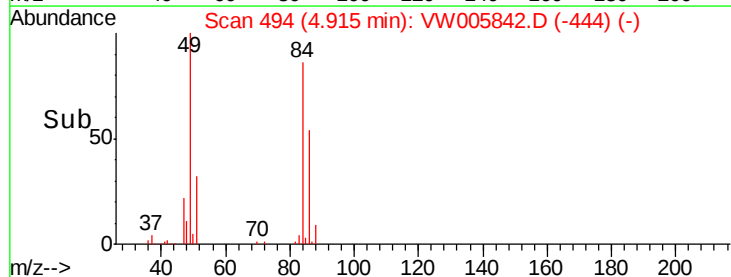
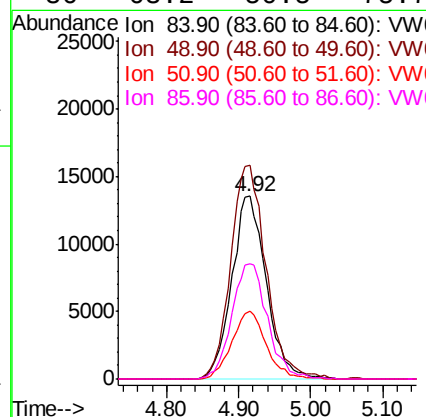
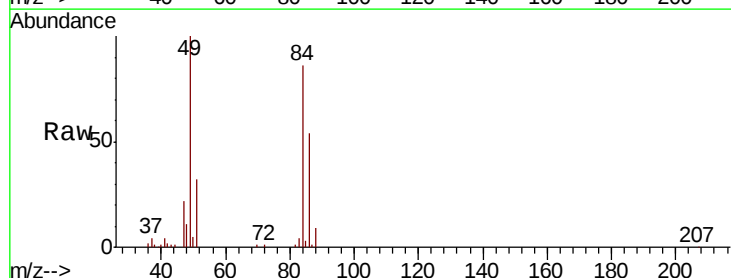
Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

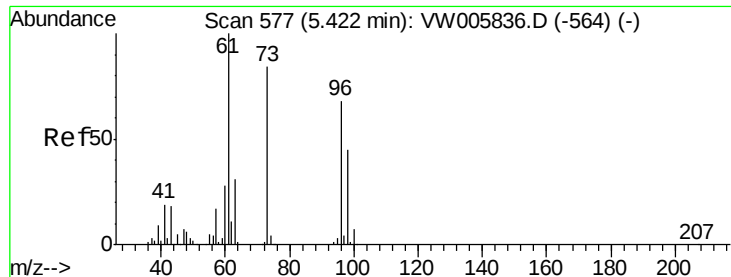
Tot Ion: 73 Resp: 52507
Ion Ratio Lower Upper
73 100
57 22.3 15.9 23.9



#20
Methylene Chloride
Concen: 17.705 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion: 84 Resp: 45199
Ion Ratio Lower Upper
84 100
49 116.7 96.8 145.2
51 37.2 28.8 43.2
86 63.2 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.614 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

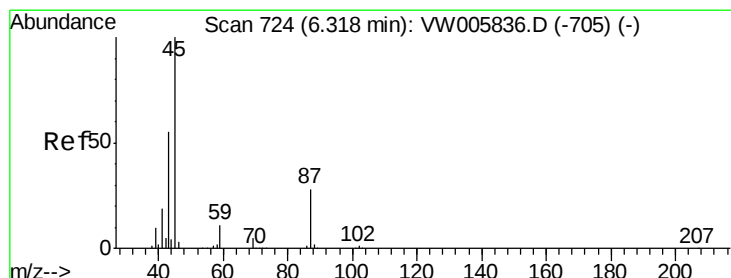
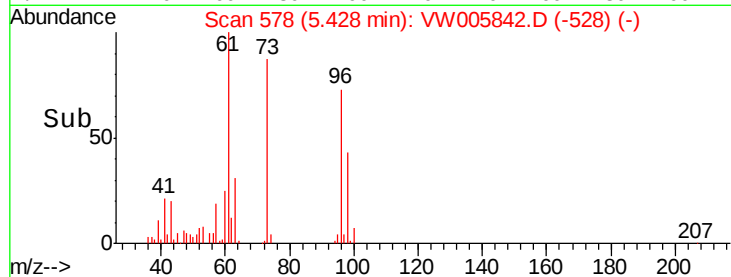
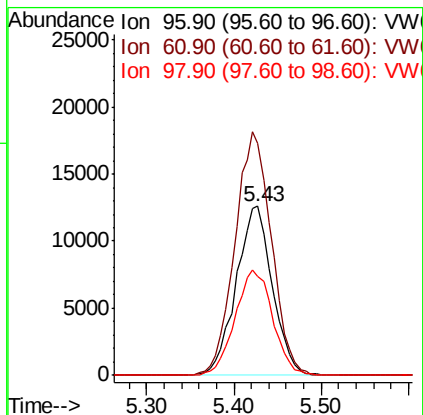
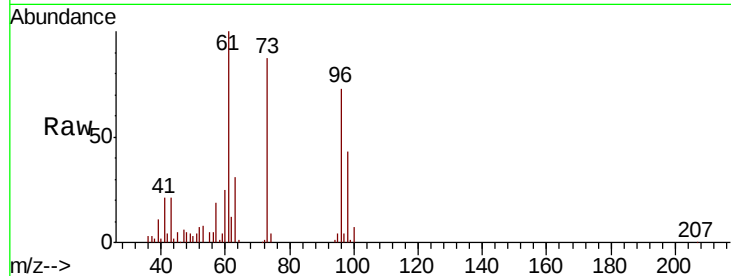
Tot Ion: 96 Resp: 36183

Ion Ratio Lower Upper

96 100

61 137.2 117.0 175.6

98 58.6 52.2 78.2



#22

Diisopropyl ether

Concen: 19.668 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Tgt Ion: 45 Resp: 105878

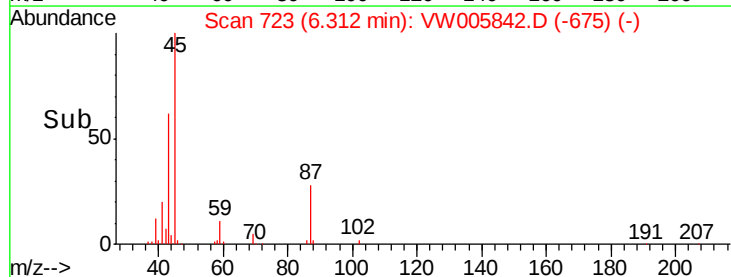
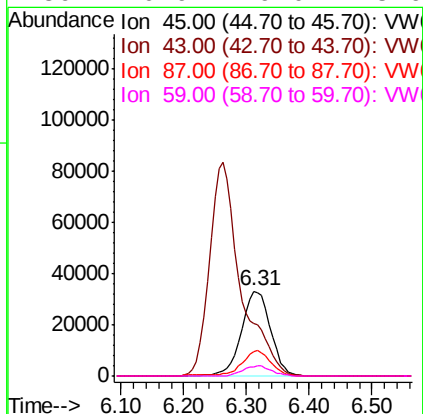
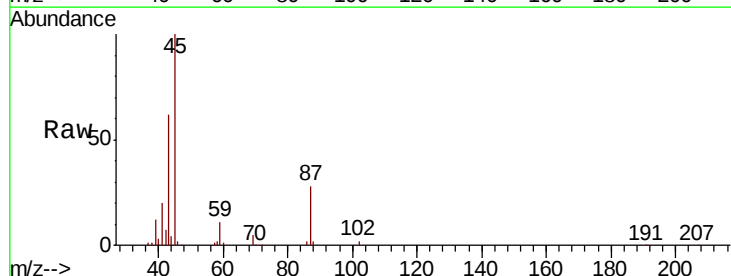
Ion Ratio Lower Upper

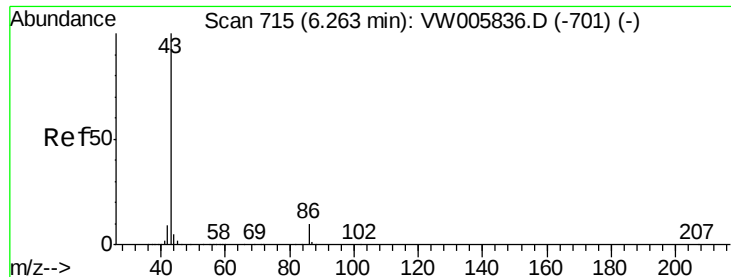
45 100

43 61.3 44.6 67.0

87 28.1 23.4 35.2

59 10.9 9.0 13.6





#23

Vinyl Acetate

Concen: 93.694 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

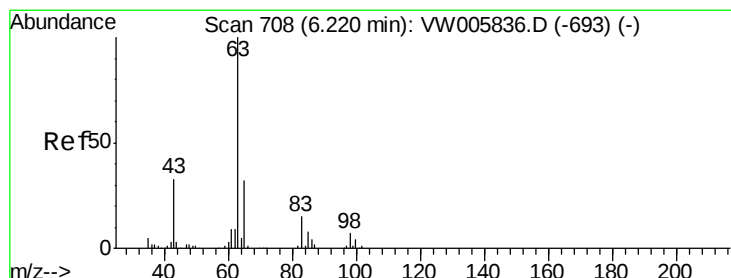
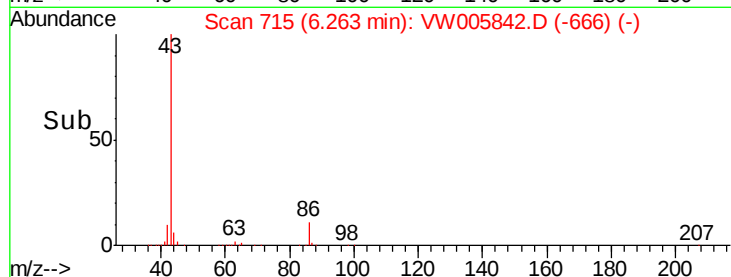
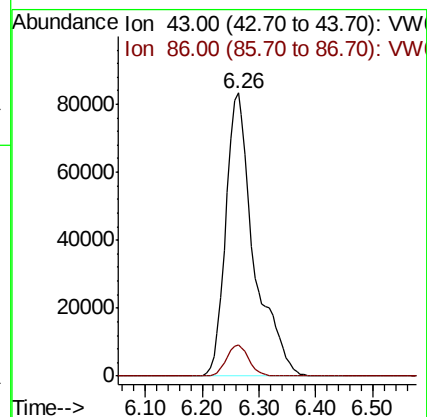
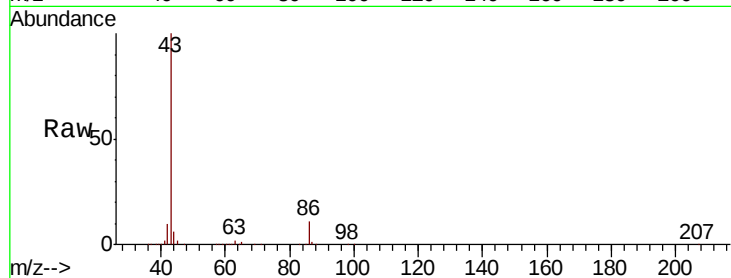
VW1004SBS01

Tot Ion: 43 Resp: 286510

Ion Ratio Lower Upper

43 100

86 10.8 8.1 12.1



#24

1,1-Dichloroethane

Concen: 19.486 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

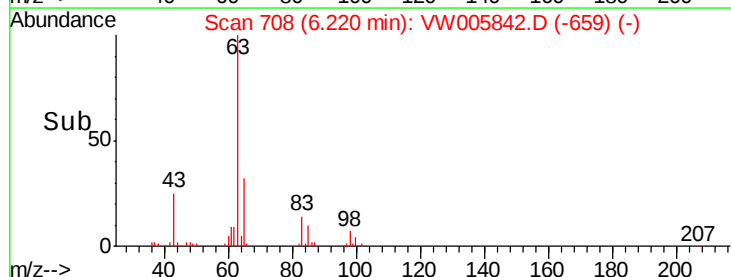
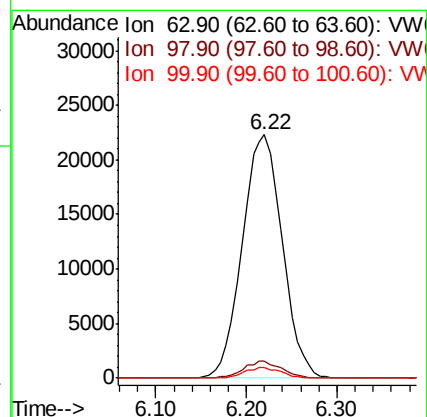
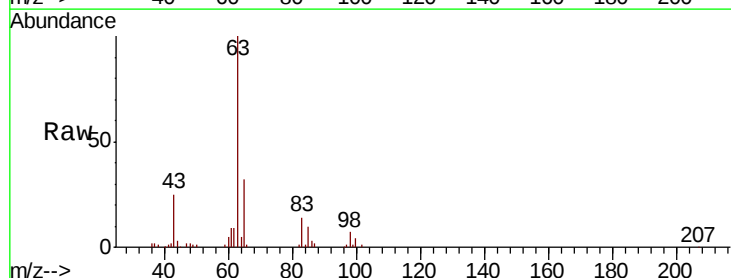
Tgt Ion: 63 Resp: 68064

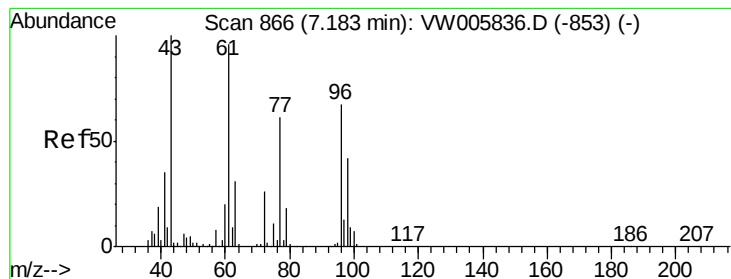
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 83.562 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

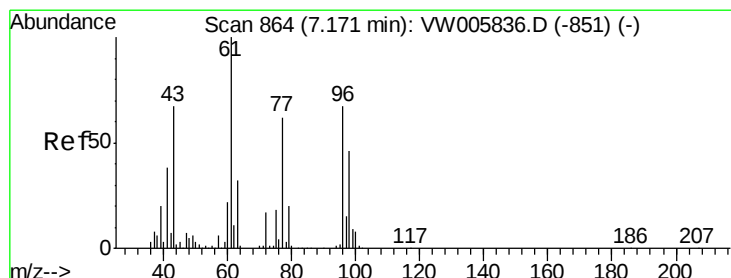
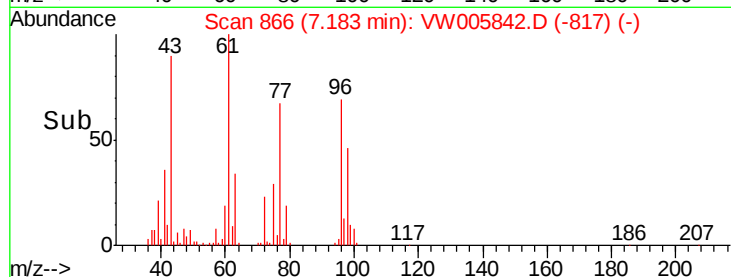
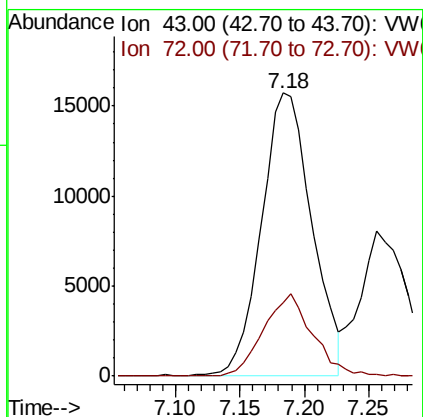
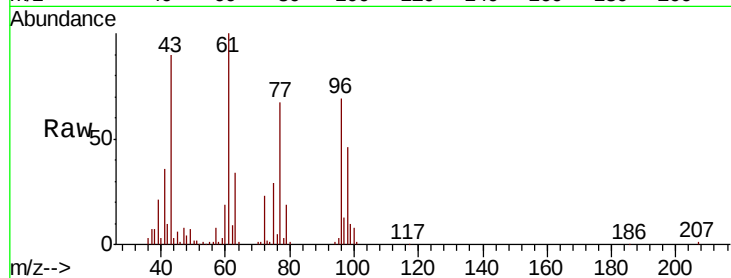
VW1004SBS01

Tot Ion: 43 Resp: 42828

Ion Ratio Lower Upper

43 100

72 25.8 20.9 31.3



#26

2,2-Dichloropropane

Concen: 19.315 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005842.D

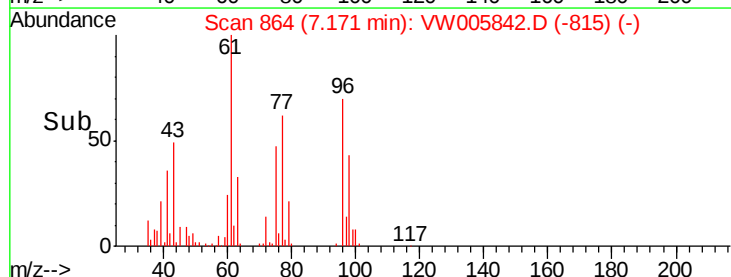
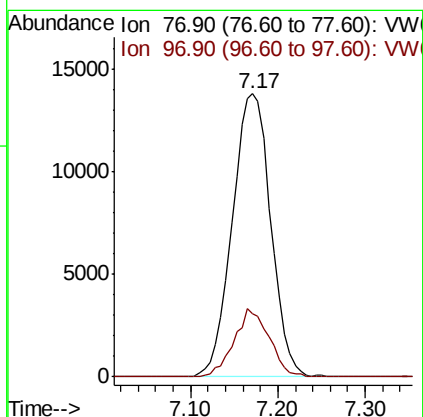
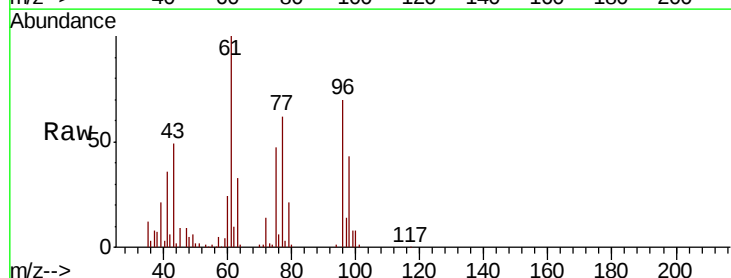
Acq: 04 Oct 2018 07:55

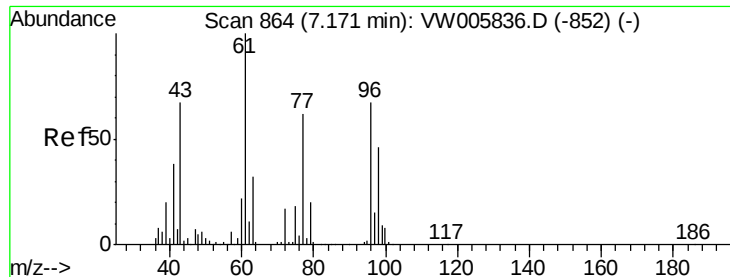
Tgt Ion: 77 Resp: 42125

Ion Ratio Lower Upper

77 100

97 21.9 11.7 35.0



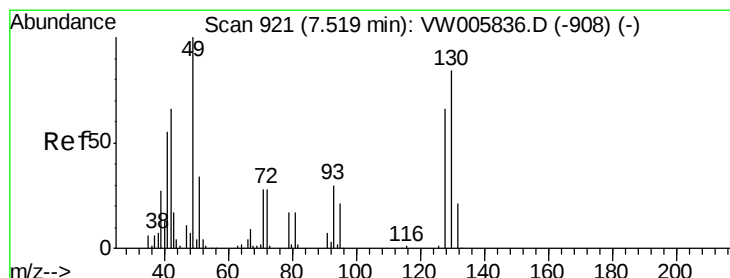
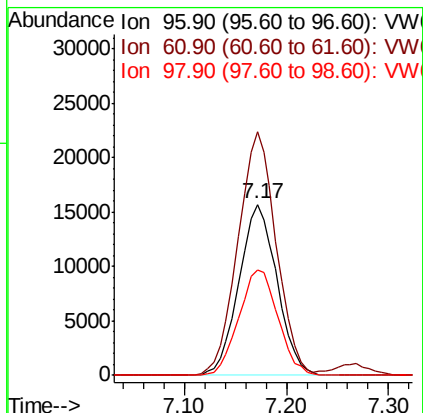
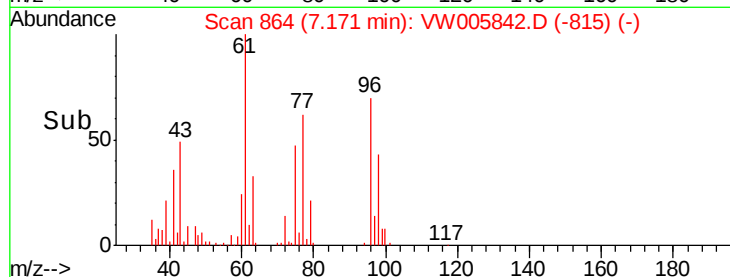
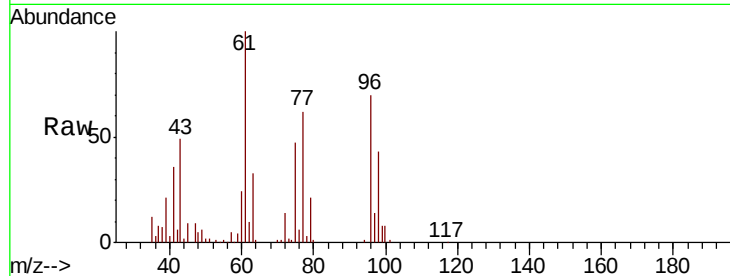


#27

cis-1,2-Dichloroethene
Concen: 19.785 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

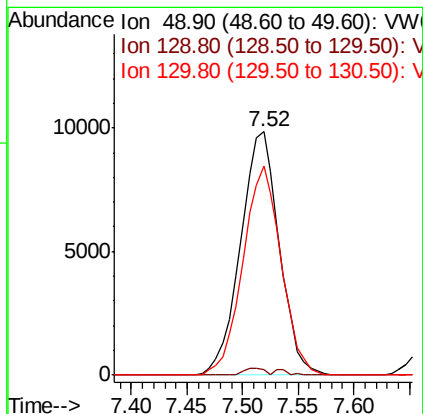
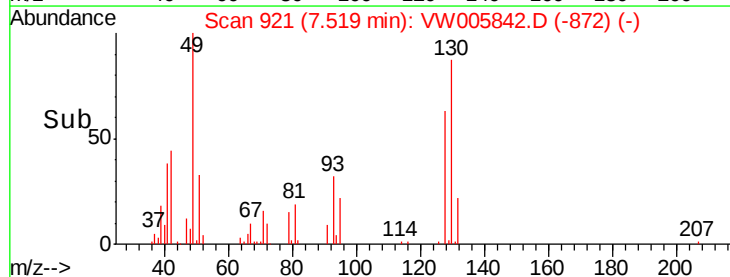
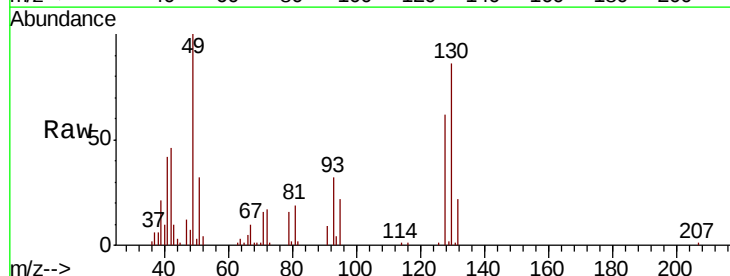
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	296.4
98	63.2	0.0	131.4

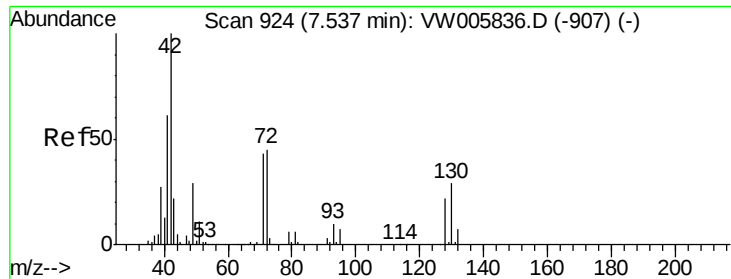


#28

Bromochloromethane
Concen: 19.276 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	2.2
130	84.7	66.4	99.6

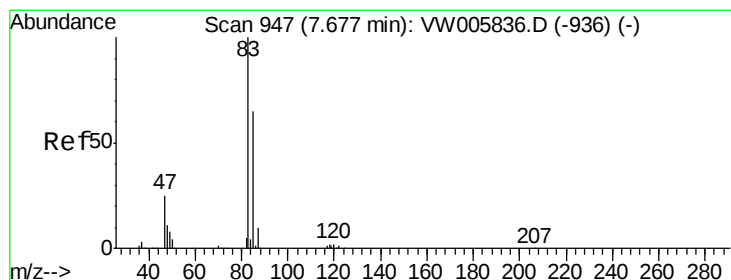
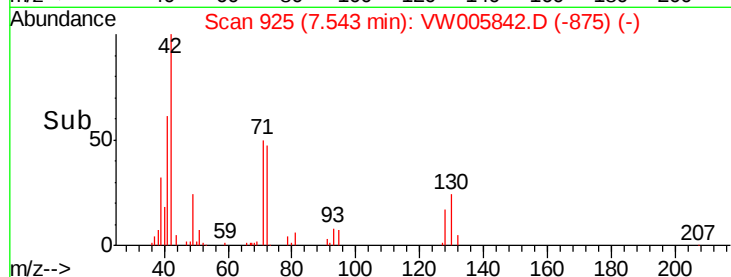
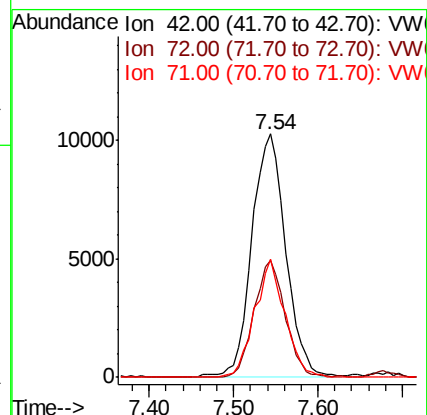
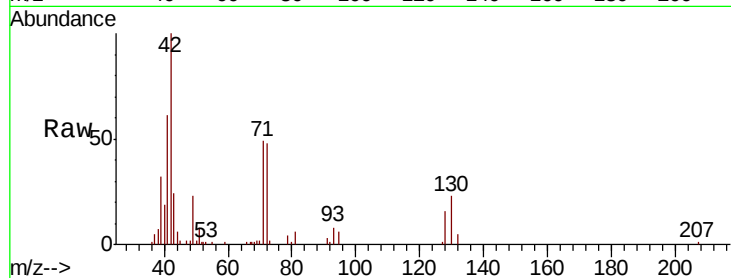




#29
Tetrahydrofuran
Concen: 88.967 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

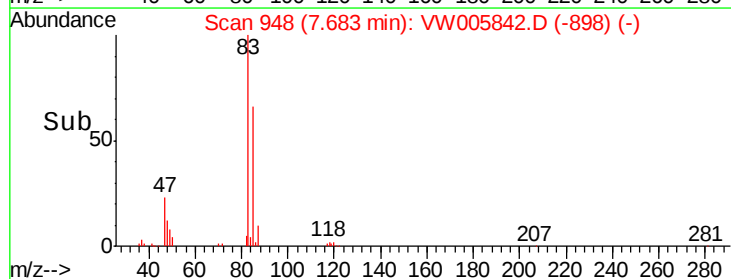
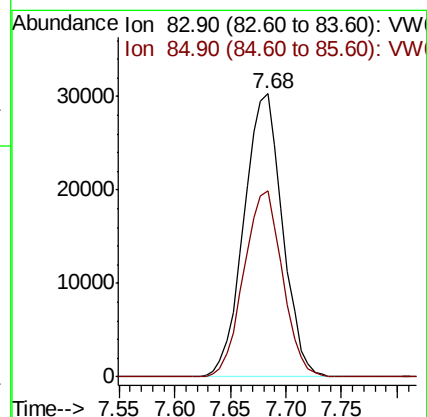
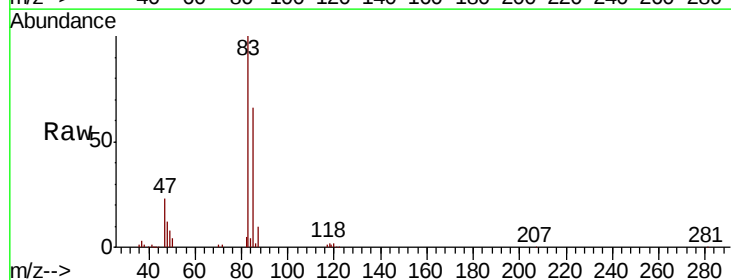
Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

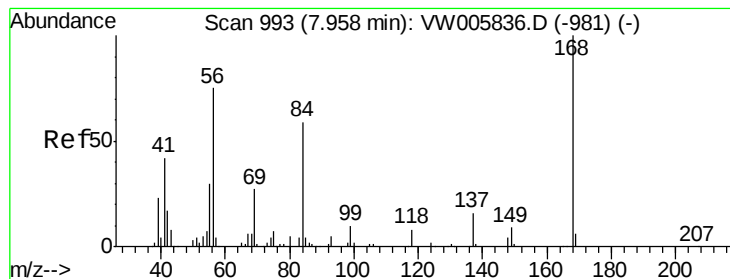
Tot Ion: 42 Resp: 28149
Ion Ratio Lower Upper
42 100
72 44.0 34.6 51.8
71 43.1 33.6 50.4



#30
Chloroform
Concen: 19.483 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion: 83 Resp: 72933
Ion Ratio Lower Upper
83 100
85 65.5 51.6 77.4





#31

Cyclohexane

Concen: 18.941 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

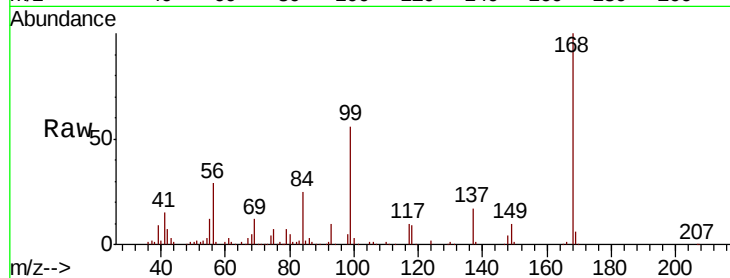
Tot Ion: 56 Resp: 56559

Ion Ratio Lower Upper

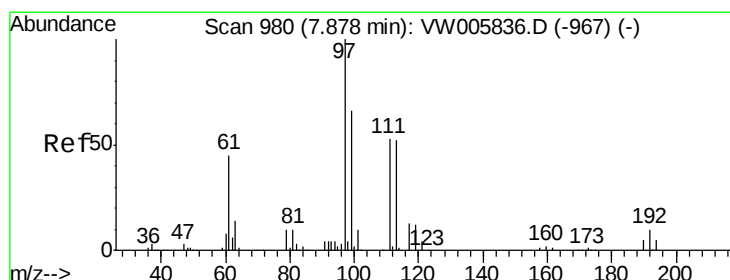
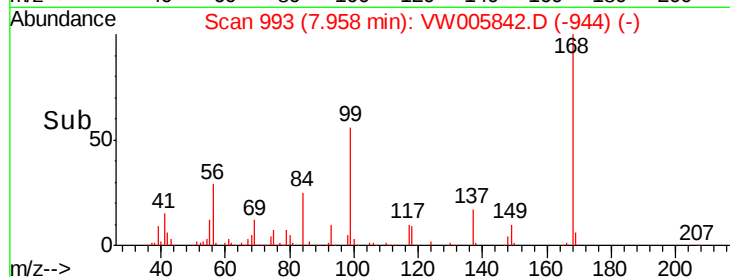
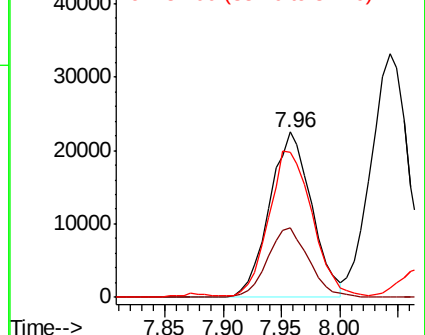
56 100

69 42.3 29.0 43.4

84 85.3 63.5 95.3



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: 20.472 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

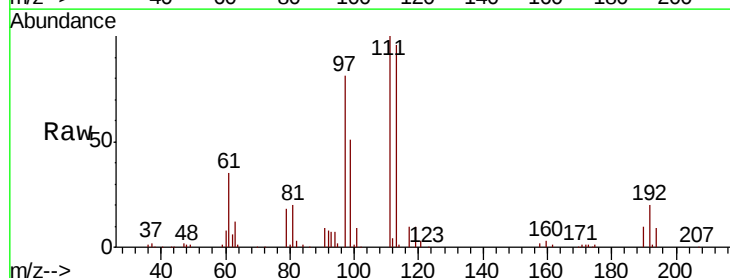
Tgt Ion: 97 Resp: 65405

Ion Ratio Lower Upper

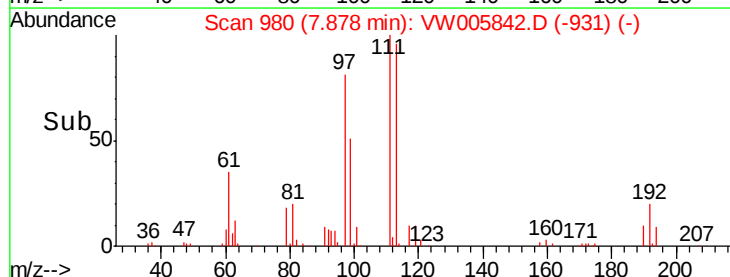
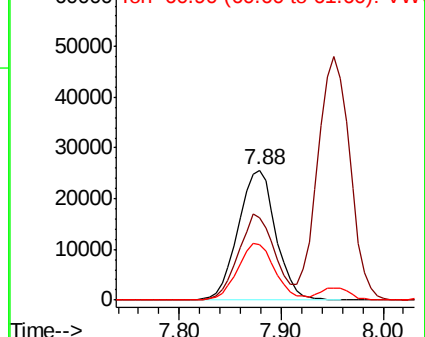
97 100

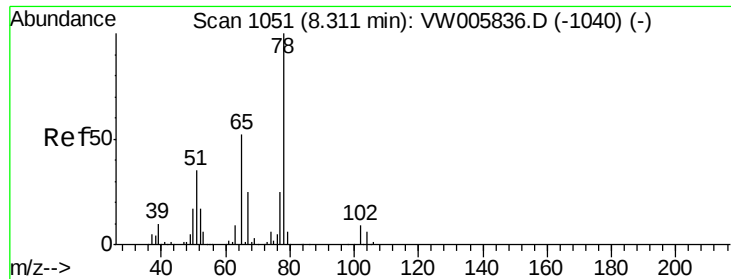
99 63.0 51.2 76.8

61 43.6 35.5 53.3



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

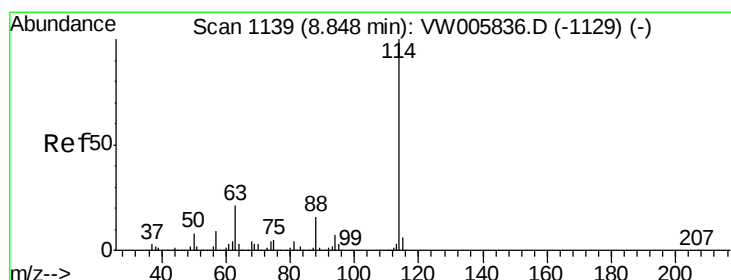
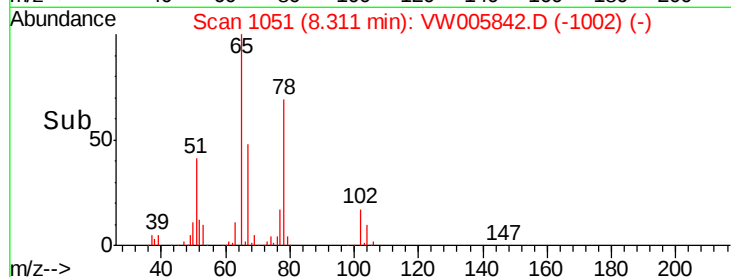
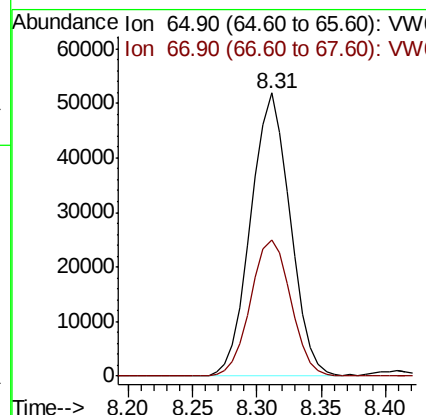
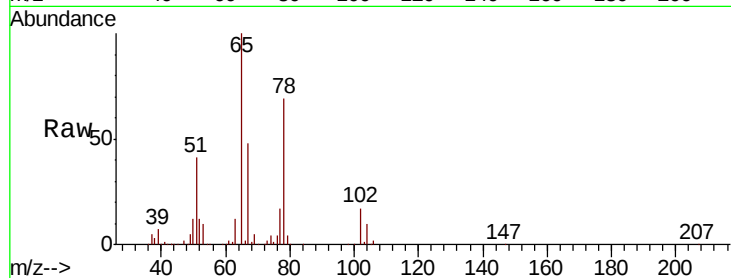




#33
 1,2-Dichloroethane-d4
 Concen: 50.354 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

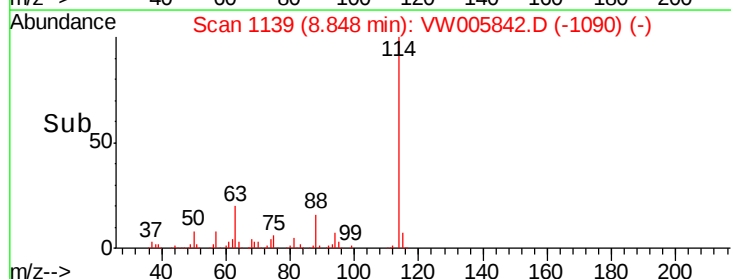
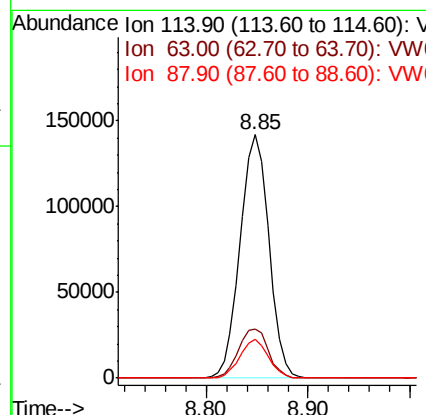
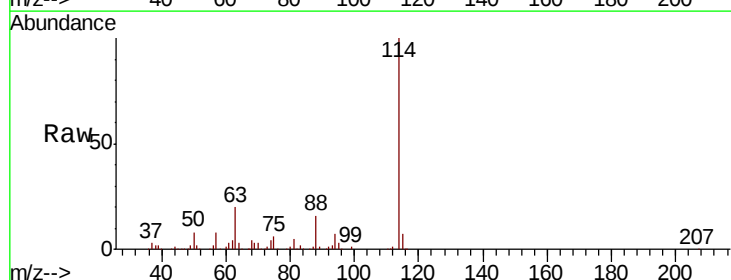
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

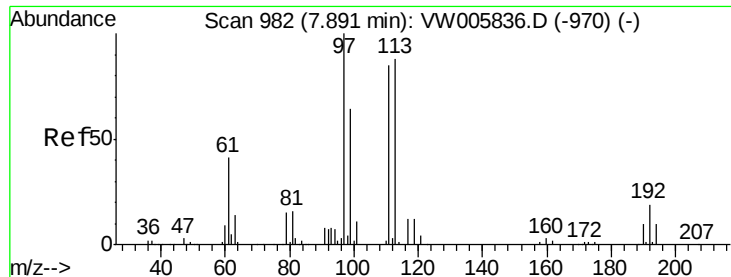
Tot Ion: 65 Resp: 109934
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Tgt Ion: 114 Resp: 277874
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.0
 88 15.7 0.0 31.2

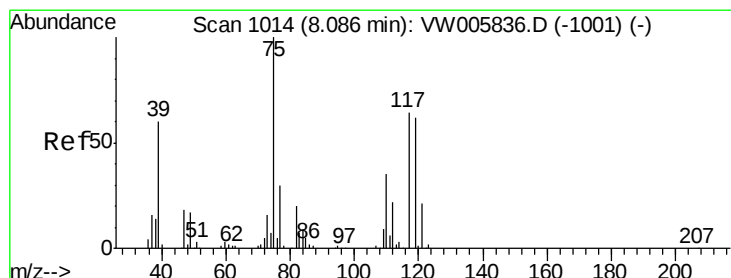
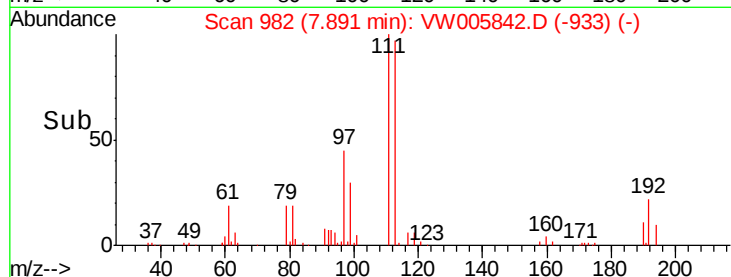
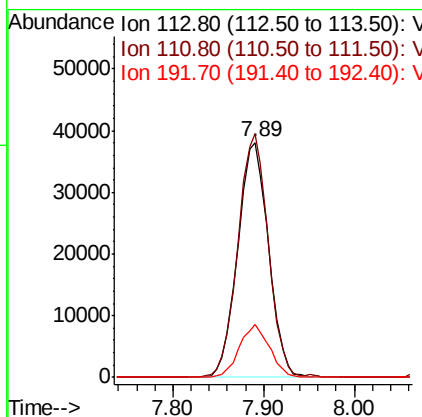
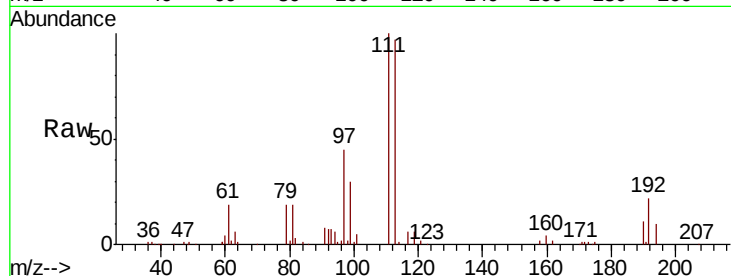




#35
 Dibromofluoromethane
 Concen: 49.281 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

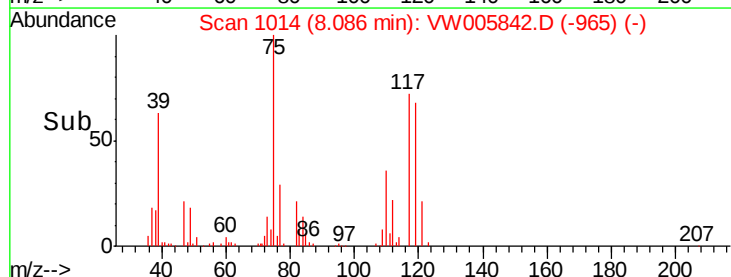
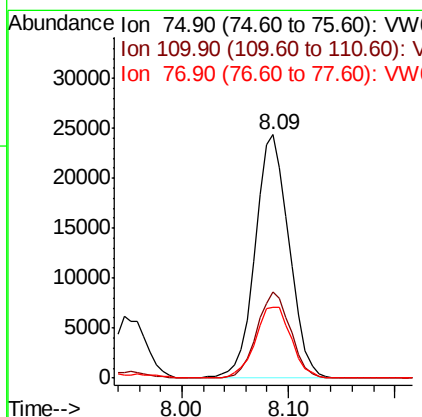
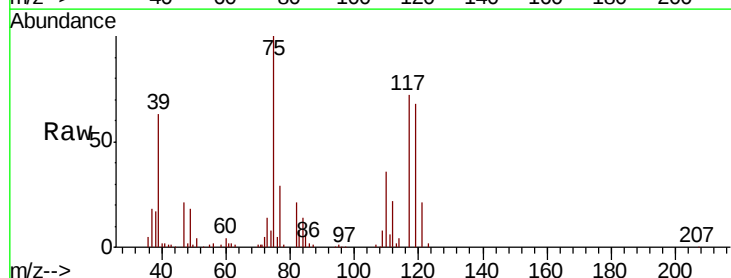
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

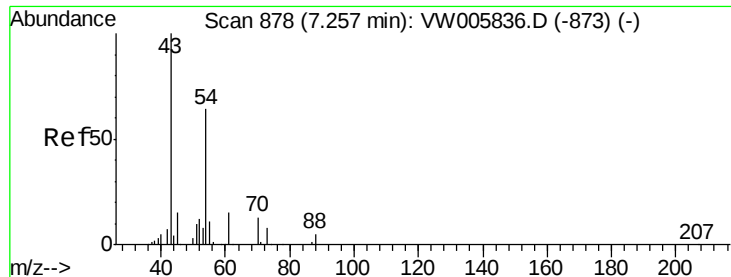
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.2
192	21.7	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 19.715 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.5	52.6
77	31.2	24.8	37.2

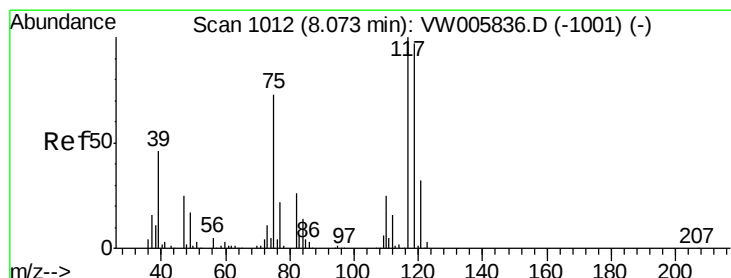
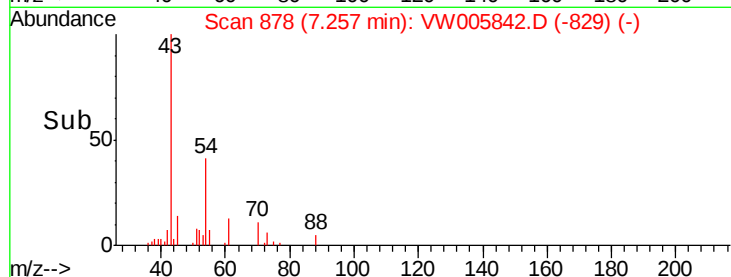
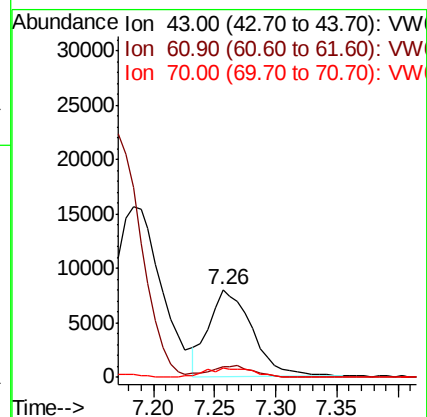
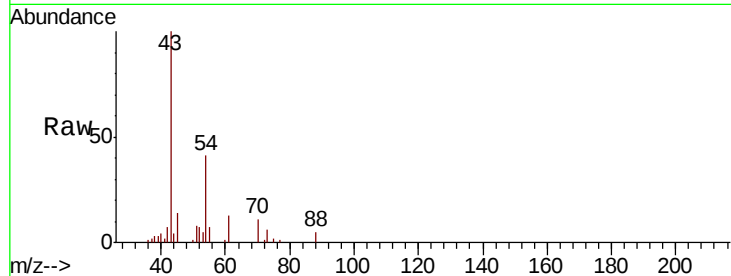




#37
Ethyl Acetate
Concen: 16.993 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

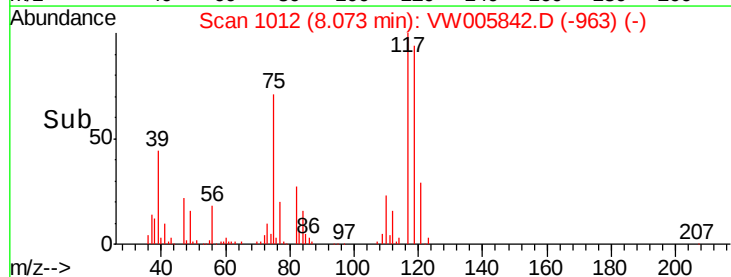
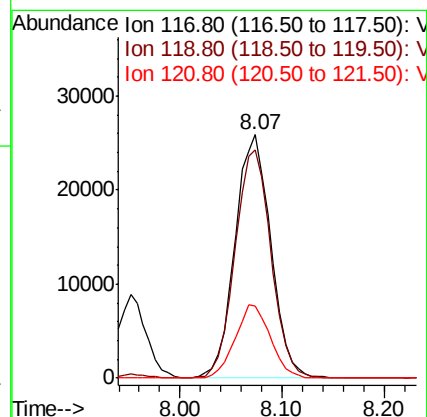
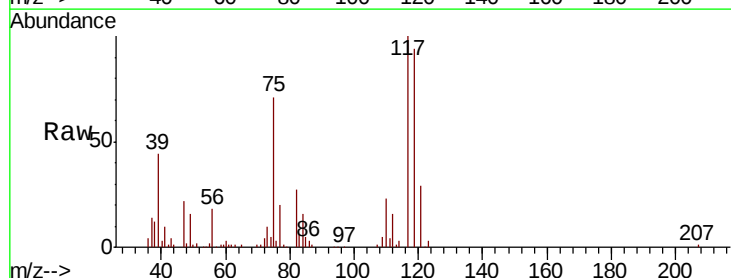
Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

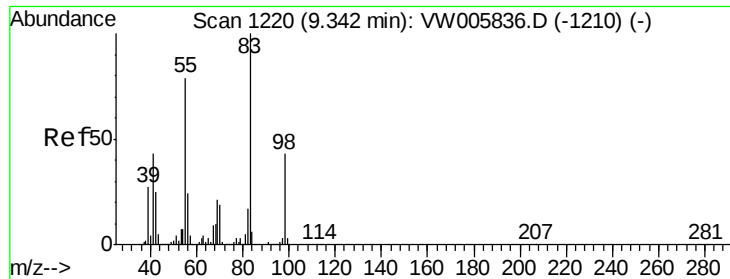
Tot Ion: 43 Resp: 19534
Ion Ratio Lower Upper
43 100
61 13.3 11.2 16.8
70 11.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.466 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion: 117 Resp: 62986
Ion Ratio Lower Upper
117 100
119 93.5 77.9 116.9
121 29.4 25.2 37.8





#39

Methvlcvclohexane

Concen: 19.202 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

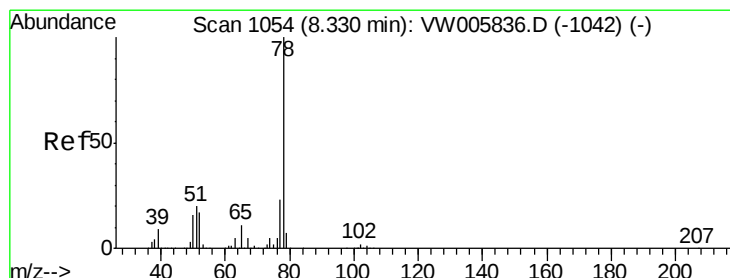
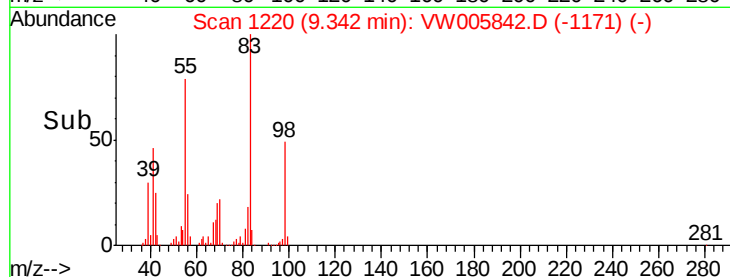
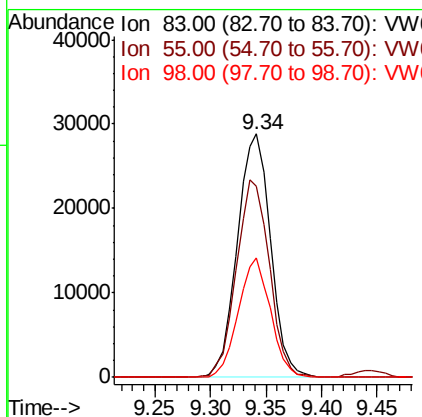
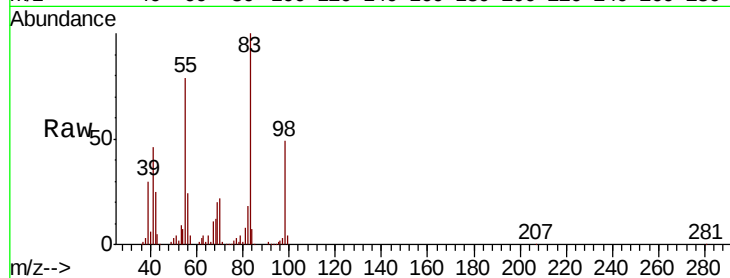
Tot Ion: 83 Resp: 59706

Ion Ratio Lower Upper

83 100

55 78.6 63.0 94.4

98 49.0 34.5 51.7



#40

Benzene

Concen: 19.234 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW005842.D

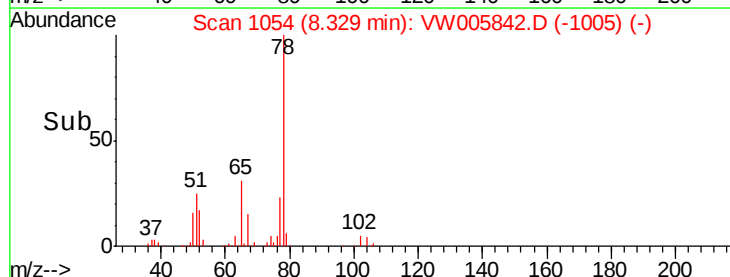
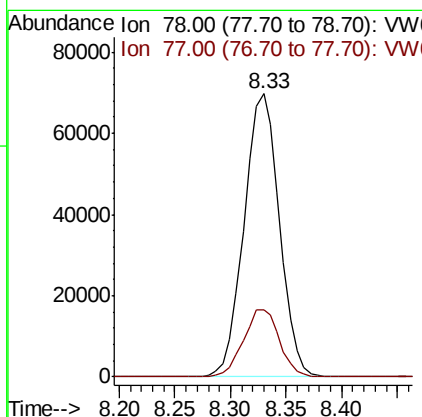
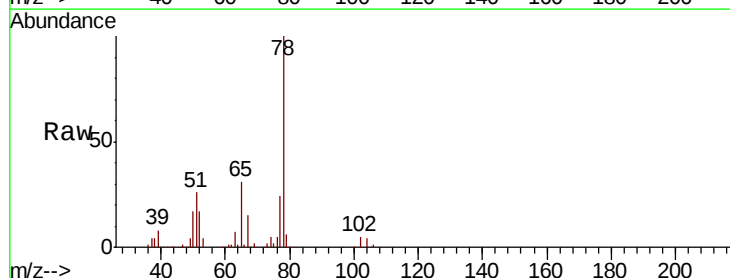
Acq: 04 Oct 2018 07:55

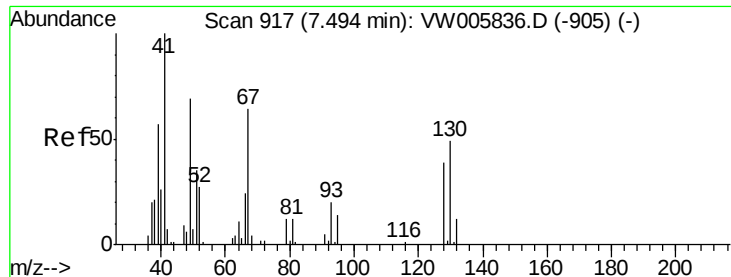
Tgt Ion: 78 Resp: 153973

Ion Ratio Lower Upper

78 100

77 23.6 18.6 28.0

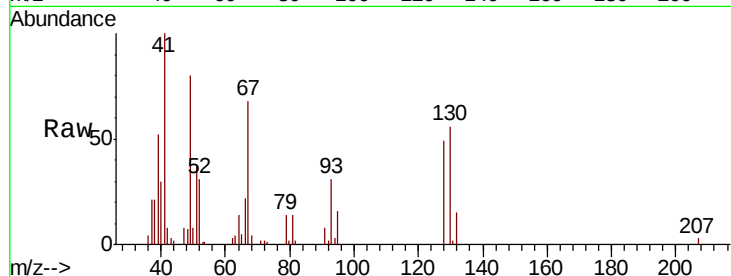




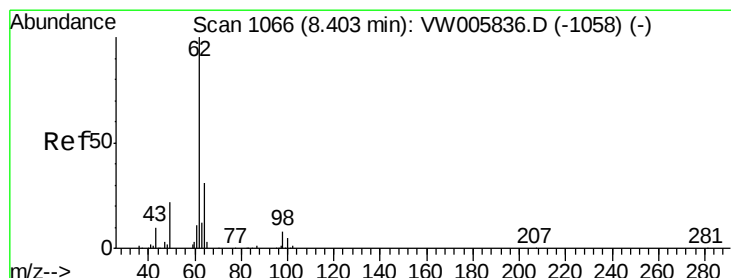
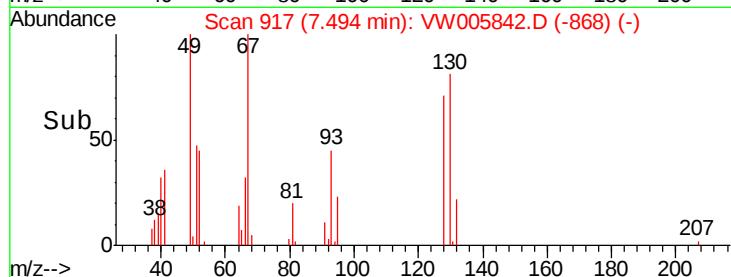
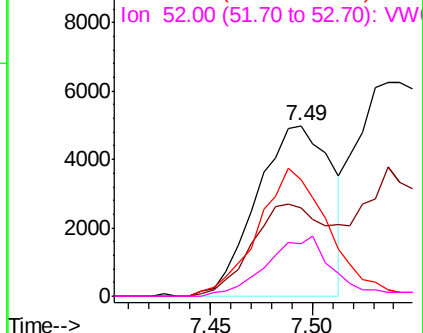
#41
Methacrylonitrile
Concen: 18.534 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion:	41	Resp:	12732
Ion	Ratio	Lower	Upper
41	100		
39	49.6	45.6	68.4
67	71.3	53.6	80.4
52	30.9	23.9	35.9

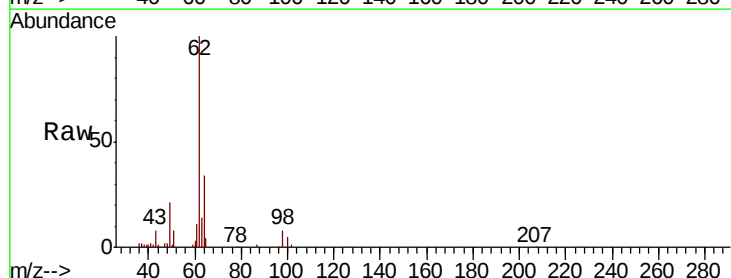


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

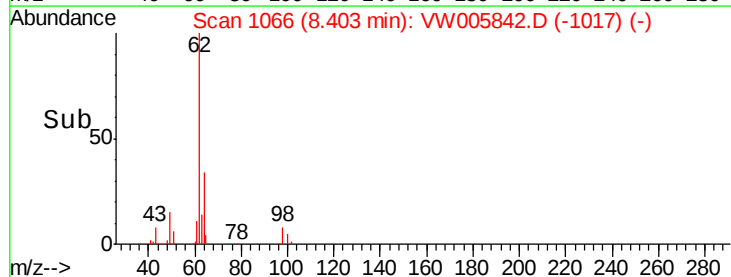
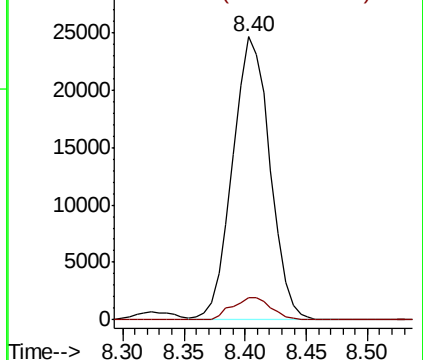


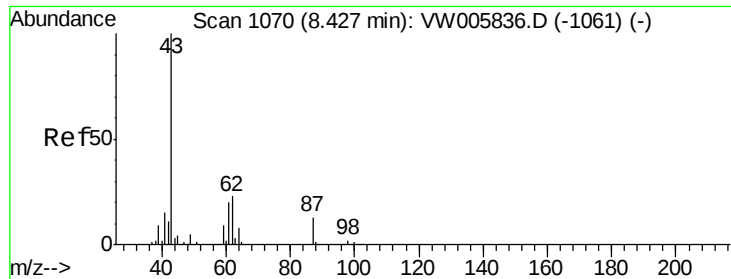
#42
1,2-Dichloroethane
Concen: 19.429 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion:	62	Resp:	52311
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.2



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



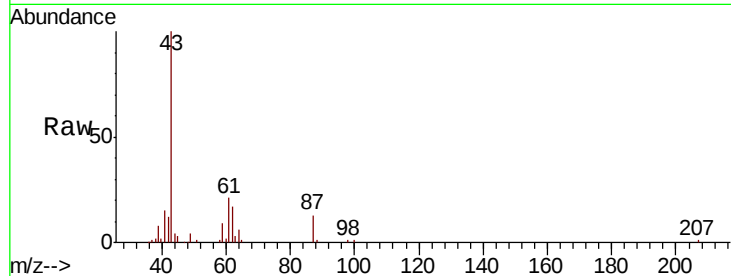


#43

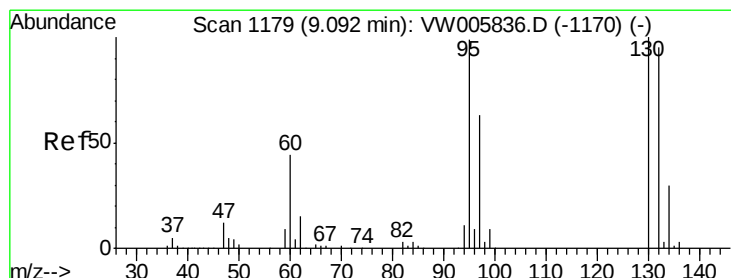
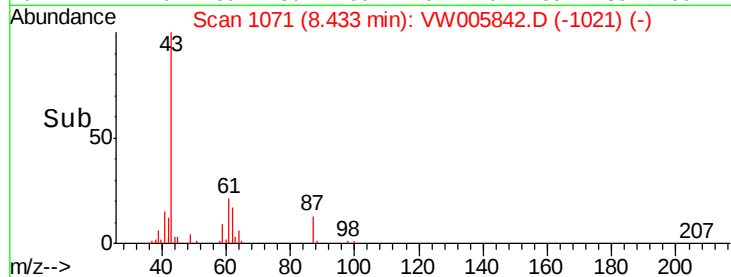
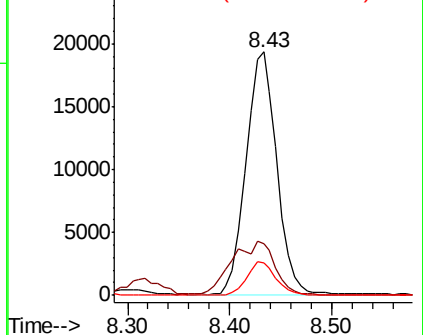
Isopropyl Acetate
 Concen: 17.972 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1004SBS01

Tot Ion: 43 Resp: 40837
 Ion Ratio Lower Upper
 43 100
 61 31.1 24.1 36.1
 87 12.7 10.6 16.0



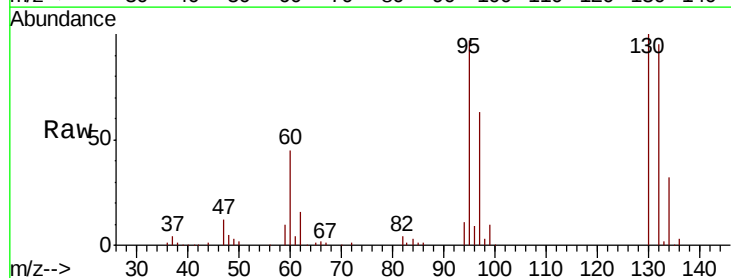
Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 87.00 (86.70 to 87.70): VW



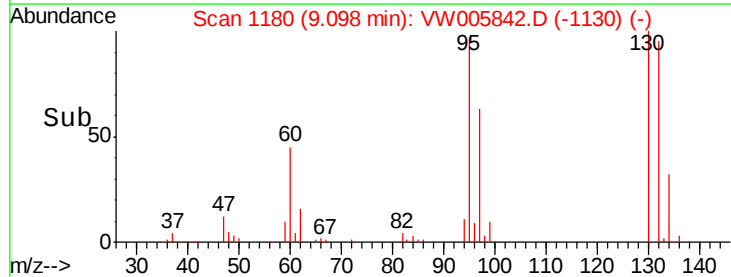
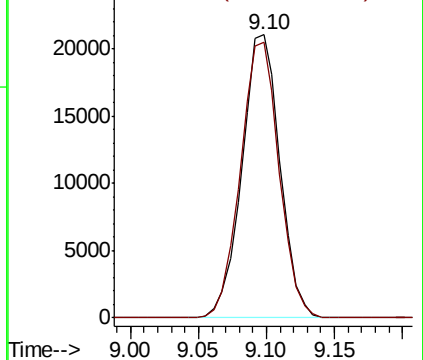
#44

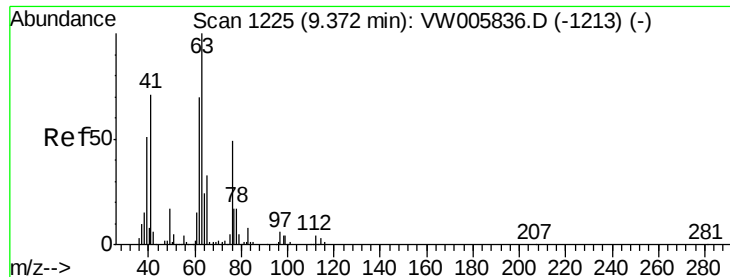
Trichloroethene
 Concen: 19.461 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Tgt Ion: 130 Resp: 41174
 Ion Ratio Lower Upper
 130 100
 95 97.2 0.0 197.6



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

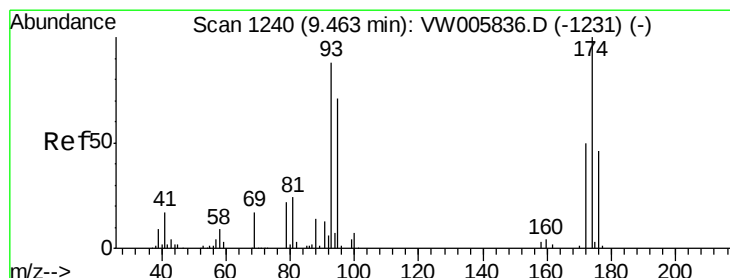
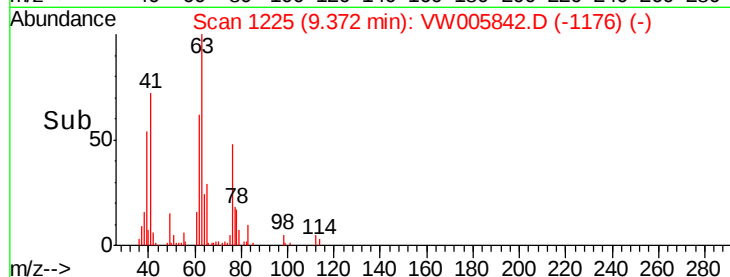
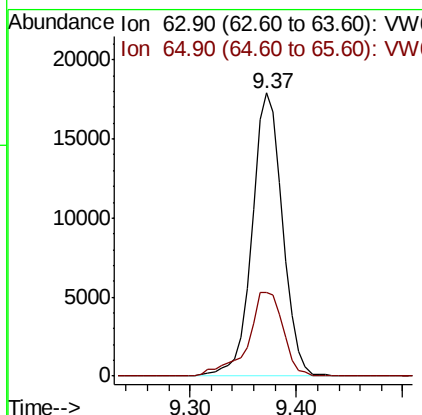
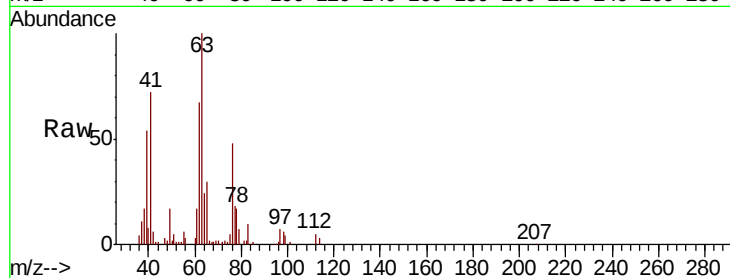




#45
 1,2-Dichloropropane
 Concen: 18.943 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

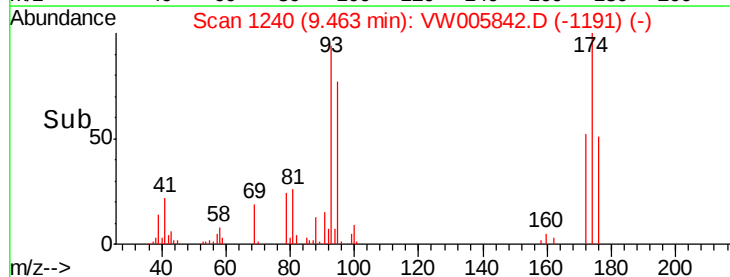
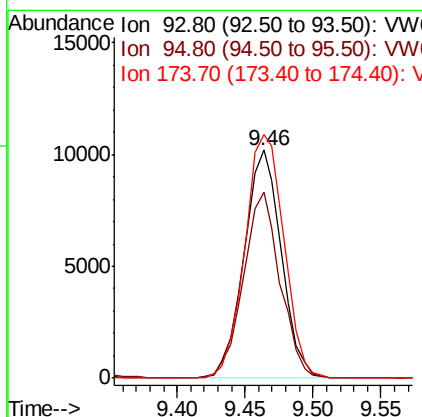
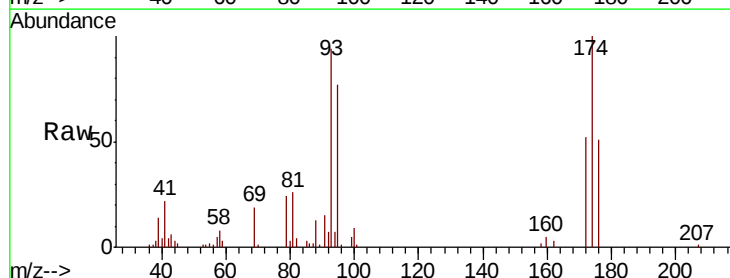
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

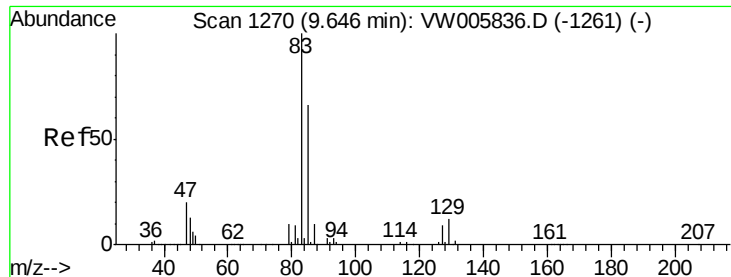
Tot Ion: 63 Resp: 35907
 Ion Ratio Lower Upper
 63 100
 65 29.8 26.1 39.1



#46
 Dibromomethane
 Concen: 18.855 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Tgt Ion: 93 Resp: 19547
 Ion Ratio Lower Upper
 93 100
 95 80.4 65.9 98.9
 174 112.1 88.4 132.6

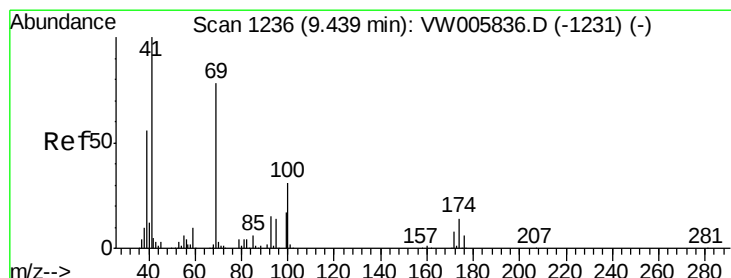
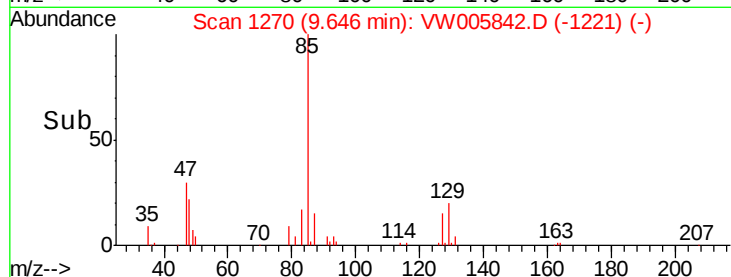
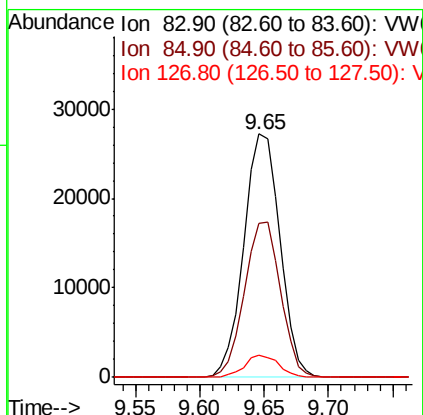
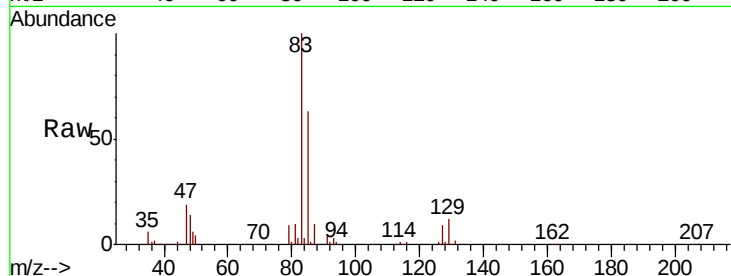




#47
Bromodichloromethane
Concen: 19.258 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

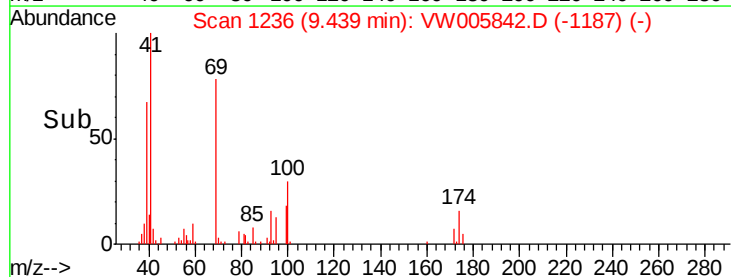
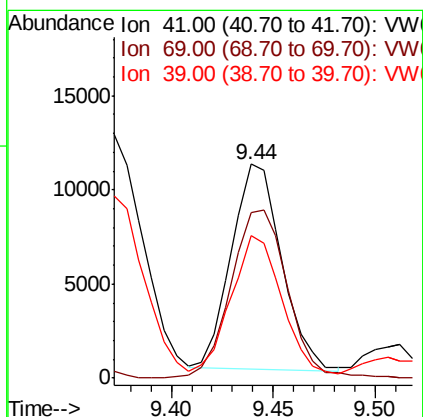
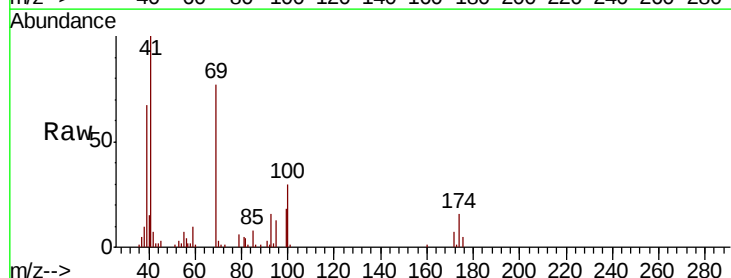
Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

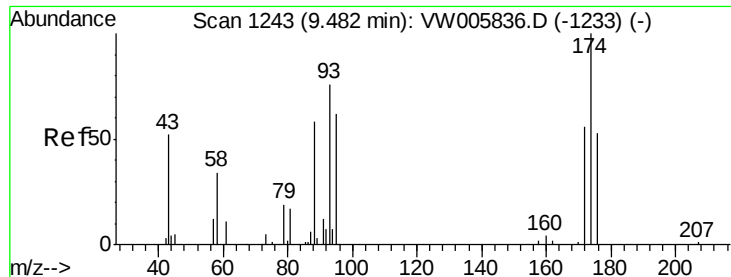
Tot Ion: 83 Resp: 52840
Ion Ratio Lower Upper
83 100
85 63.1 52.6 78.8
127 9.2 7.4 11.0



#48
Methyl methacrylate
Concen: 17.052 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion: 41 Resp: 18758
Ion Ratio Lower Upper
41 100
69 91.2 66.4 99.6
39 71.2 50.1 75.1





#49

1,4-Dioxane

Concen: 377.885 ug/l

RT: 9.49 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

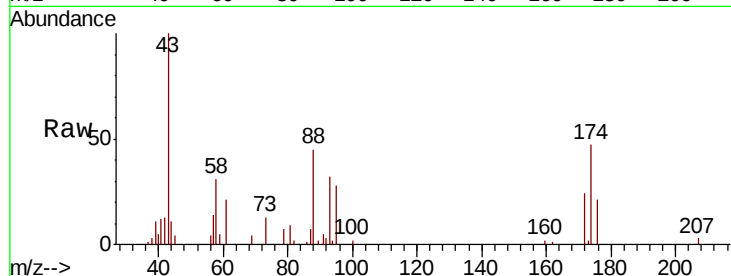
Tot Ion: 88 Resp: 6121

Ion Ratio Lower Upper

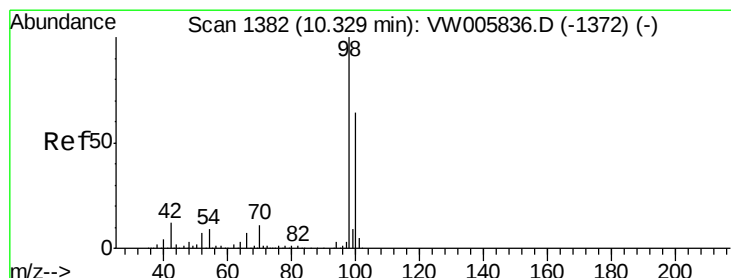
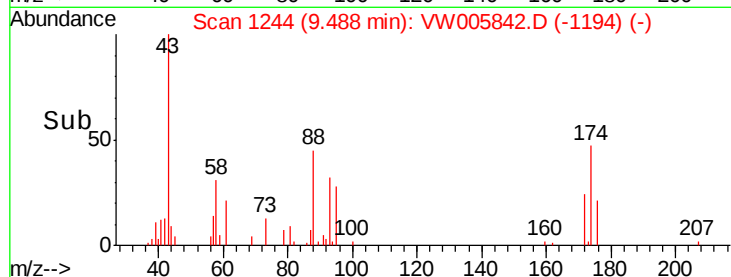
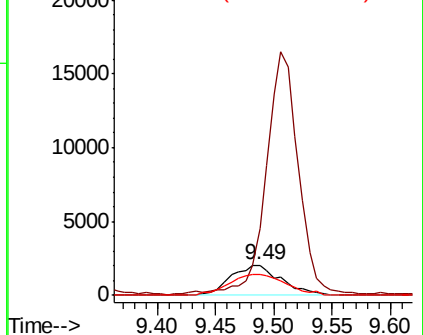
88 100

43 0.0 0.0 0.0

58 78.3 58.1 87.1



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



#50

Toluene-d8

Concen: 55.272 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005842.D

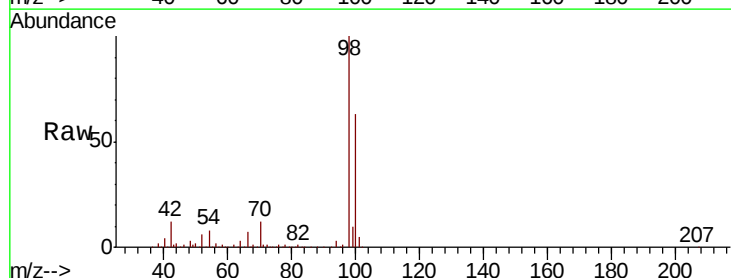
Acq: 04 Oct 2018 07:55

Tgt Ion: 98 Resp: 399720

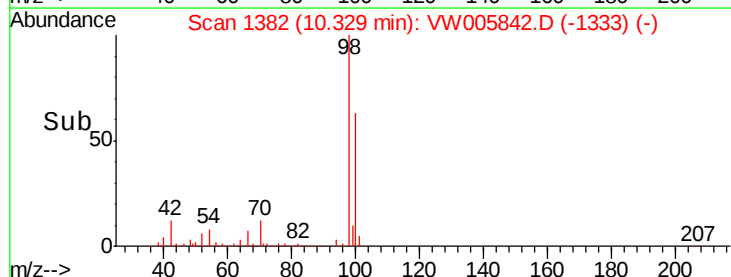
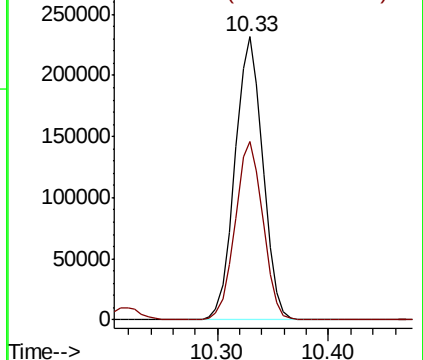
Ion Ratio Lower Upper

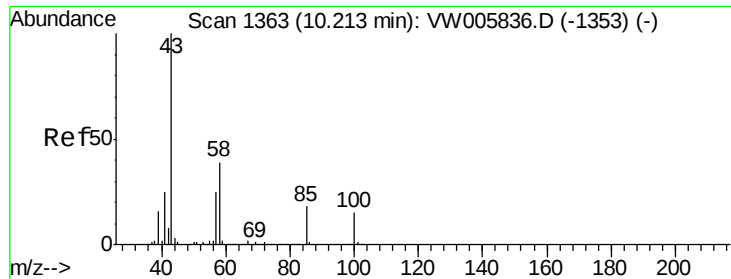
98 100

100 62.9 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 95.481 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

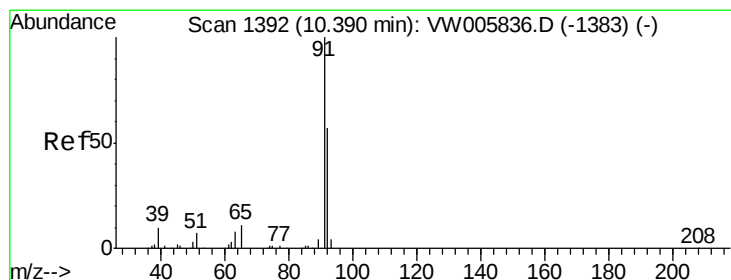
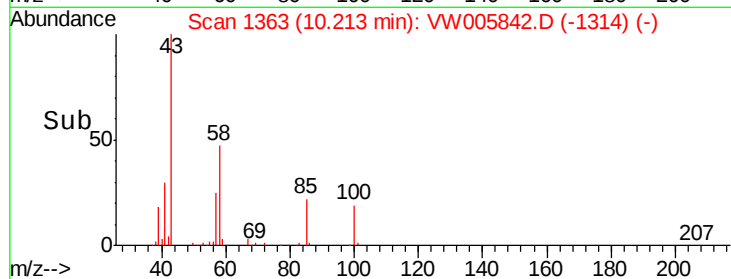
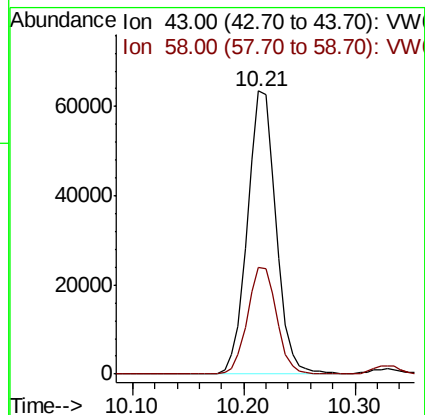
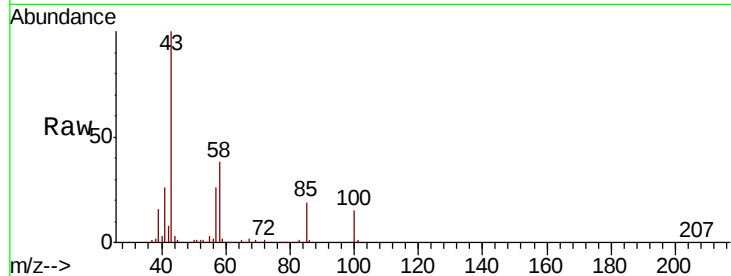
VW1004SBS01

Tot Ion: 43 Resp: 112868

Ion Ratio Lower Upper

43 100

58 38.7 30.6 45.8



#52

Toluene

Concen: 21.054 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005842.D

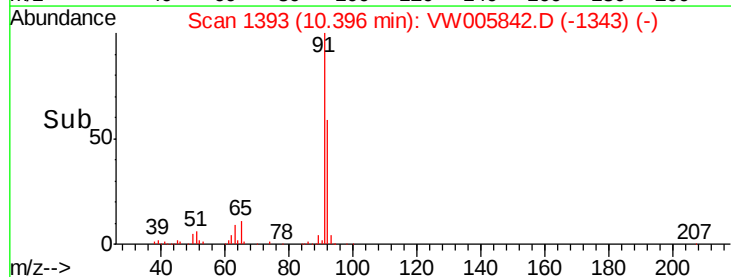
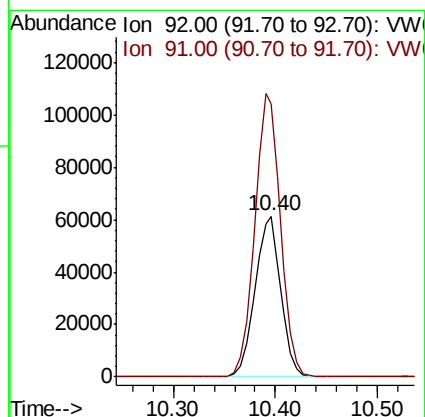
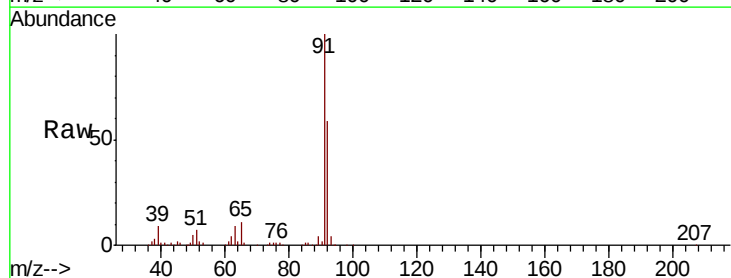
Acq: 04 Oct 2018 07:55

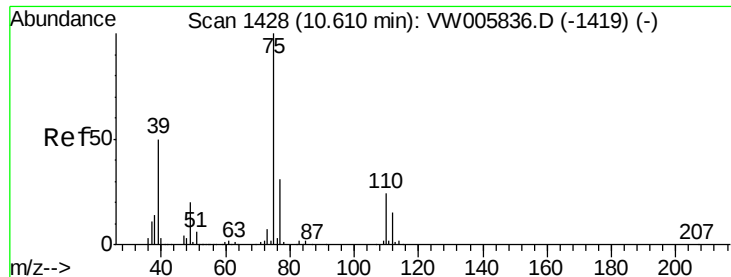
Tgt Ion: 92 Resp: 107419

Ion Ratio Lower Upper

92 100

91 176.3 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 20.155 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

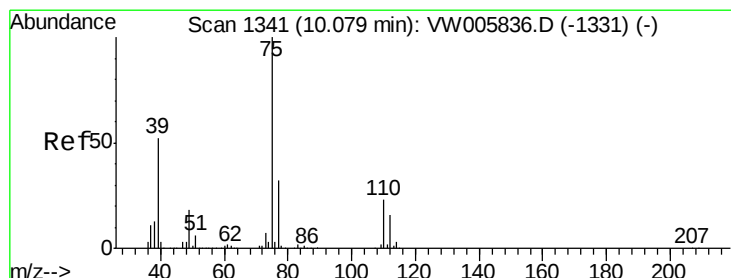
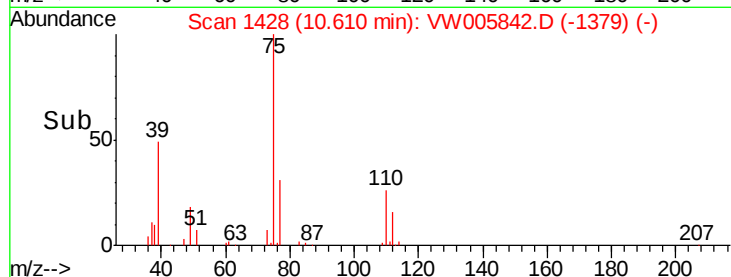
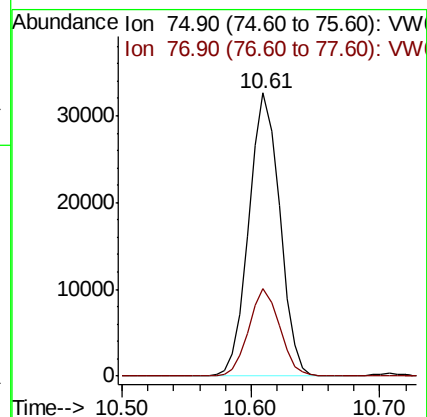
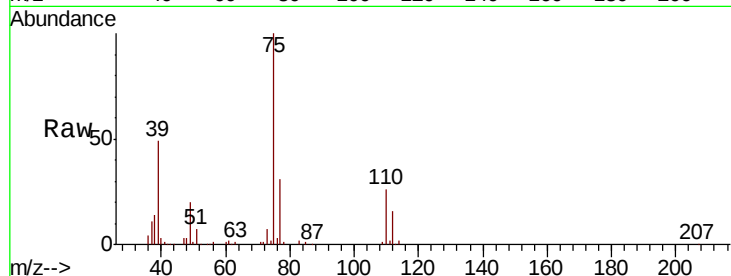
VW1004SBS01

Tot Ion: 75 Resp: 53995

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 20.349 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

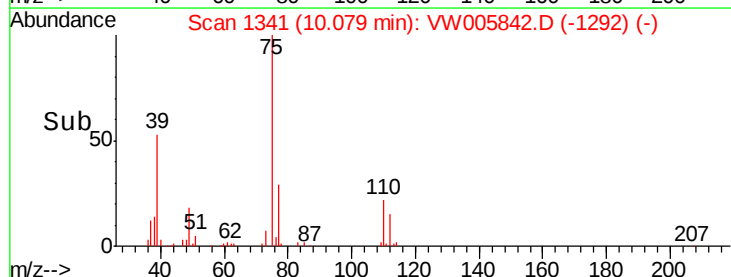
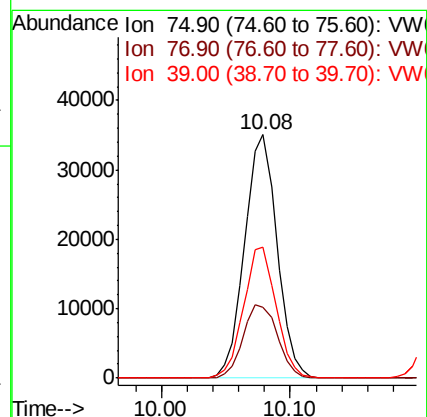
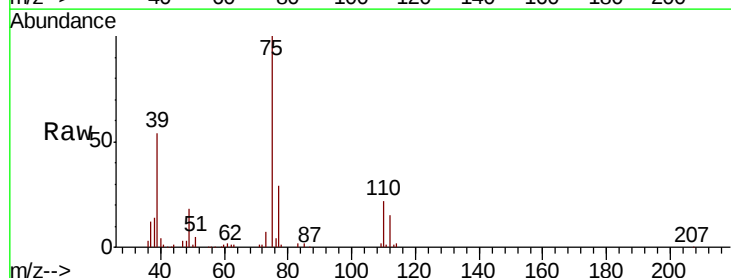
Tgt Ion: 75 Resp: 61035

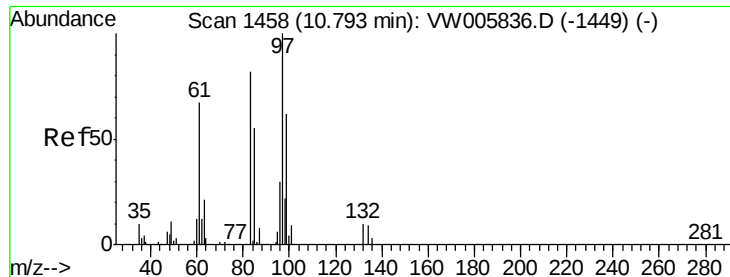
Ion Ratio Lower Upper

75 100

77 29.1 25.4 38.2

39 53.6 41.9 62.9

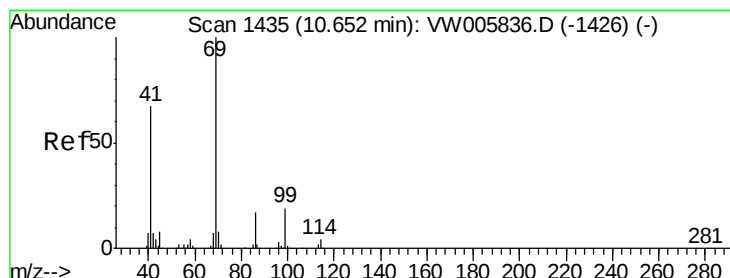
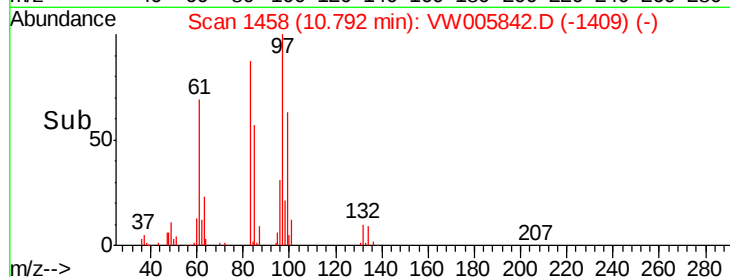
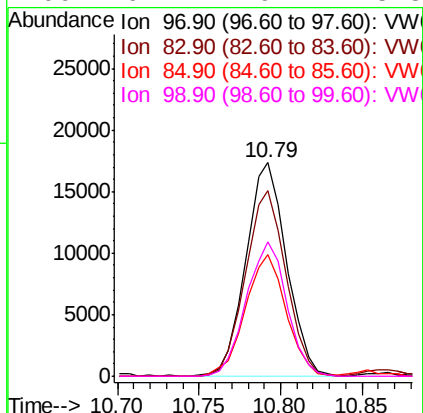
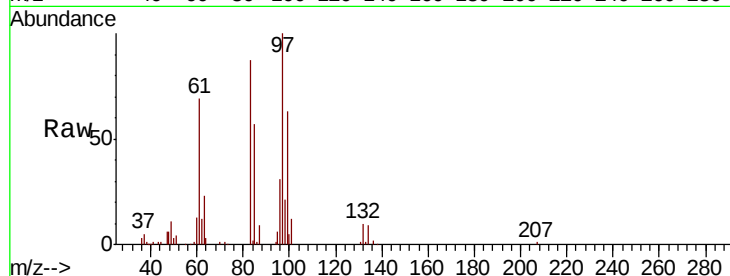




#55
 1,1,2-Trichloroethane
 Concen: 20.078 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

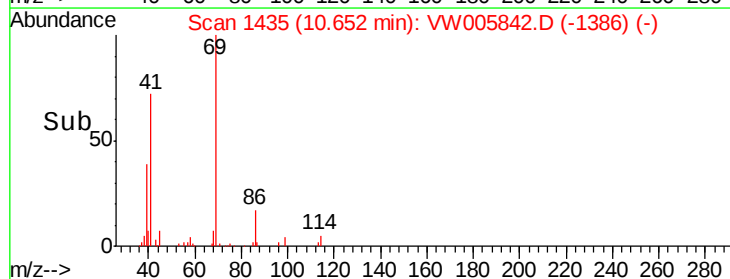
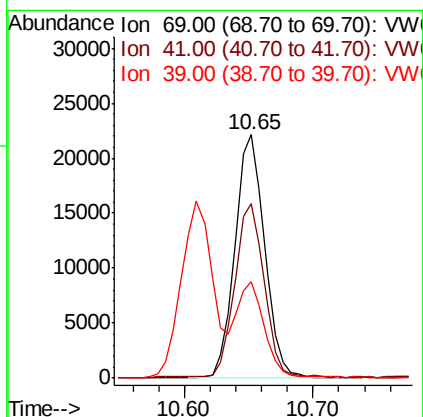
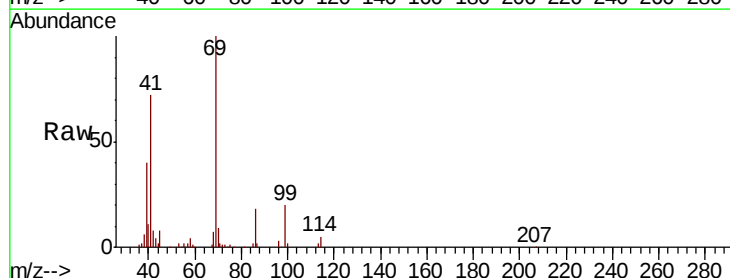
Instrument :
 MSVOA_W
 ClientSampleID :
 VW1004SBS01

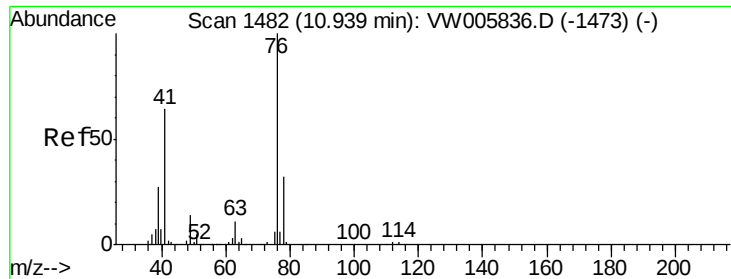
Tot Ion:	97	Resp:	30071
Ion	Ratio	Lower	Upper
97	100		
83	87.2	65.9	98.9
85	57.2	44.2	66.2
99	62.7	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 19.774 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Tgt Ion:	69	Resp:	35468
Ion	Ratio	Lower	Upper
69	100		
41	72.6	55.8	83.6
39	37.4	29.3	43.9

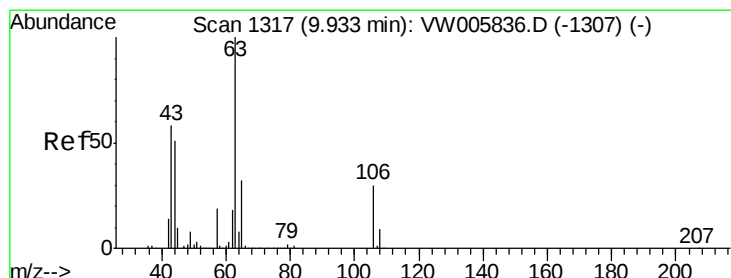
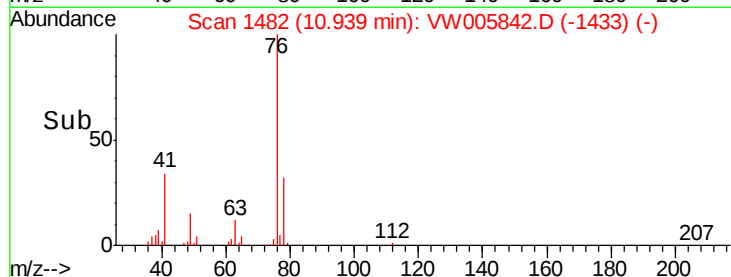
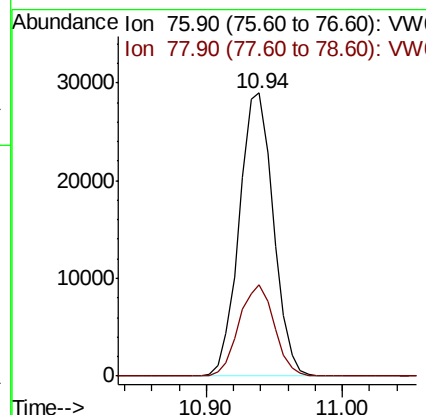
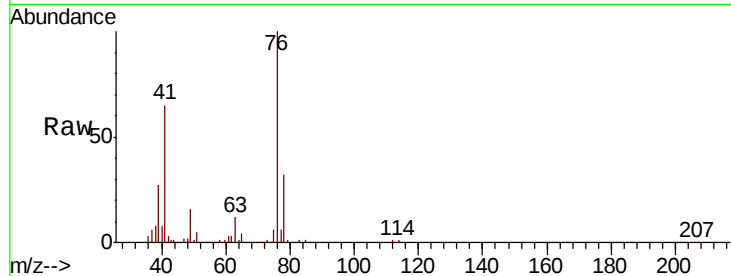




#57
 1,3-Dichloropropane
 Concen: 19.935 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

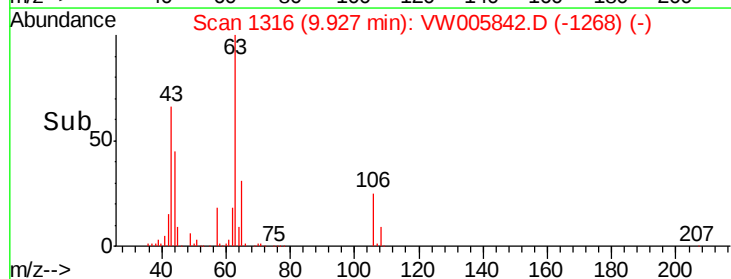
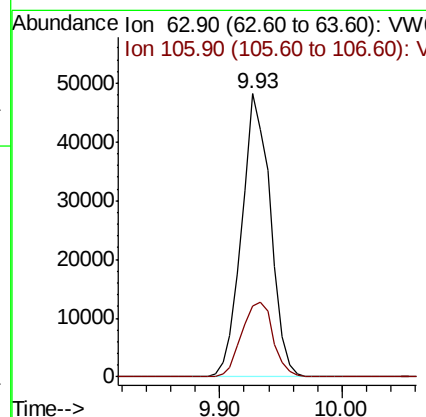
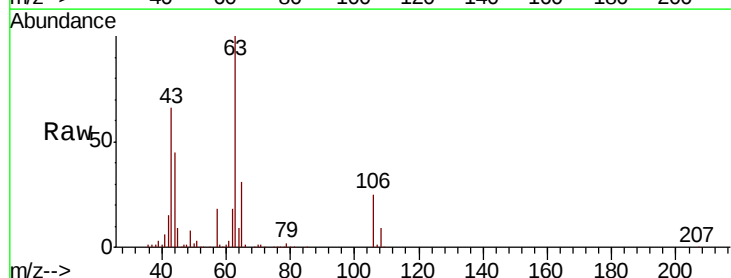
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

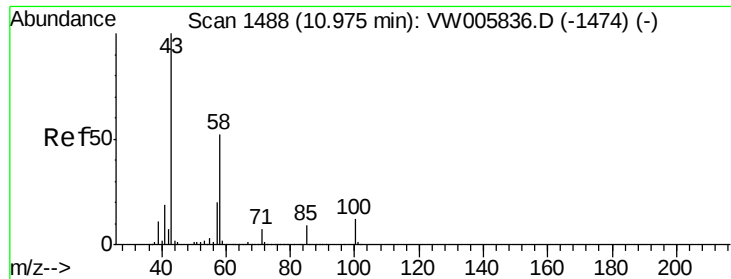
Tot Ion: 76 Resp: 50829
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.998 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Tgt Ion: 63 Resp: 78163
 Ion Ratio Lower Upper
 63 100
 106 29.1 23.7 35.5

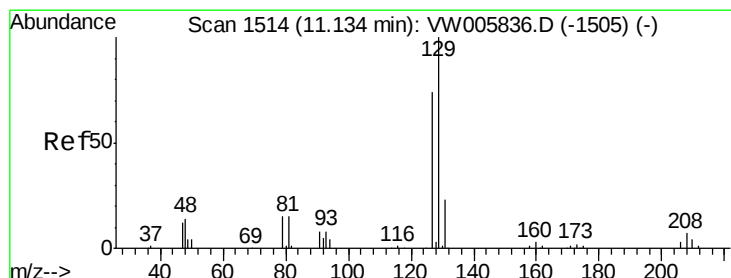
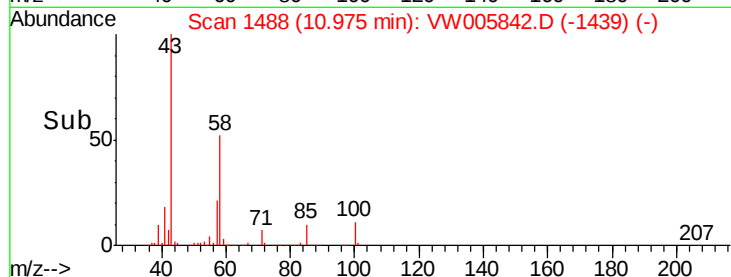
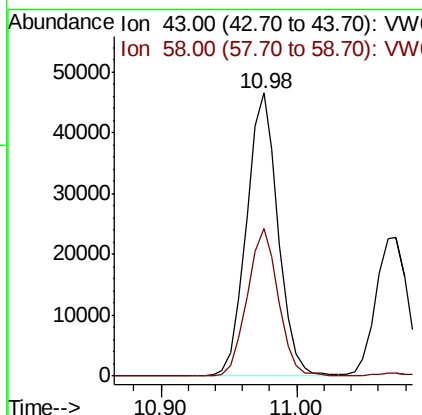
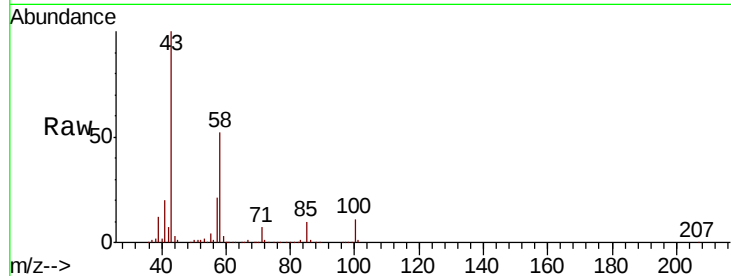




#59
2-Hexanone
Concen: 95.768 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

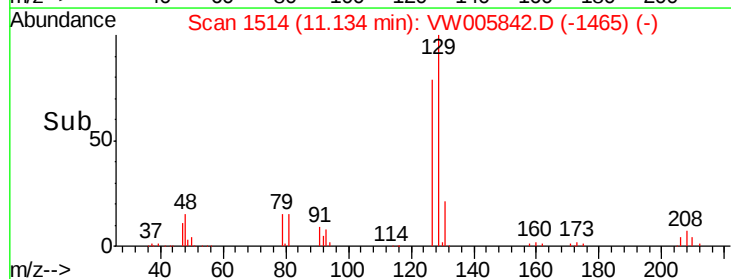
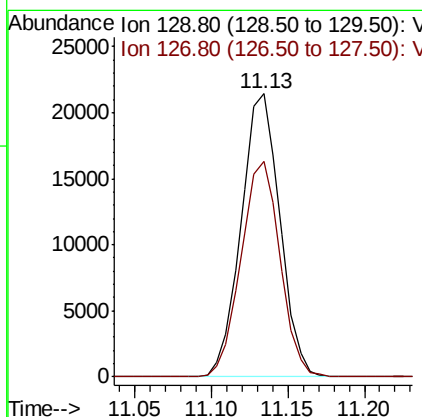
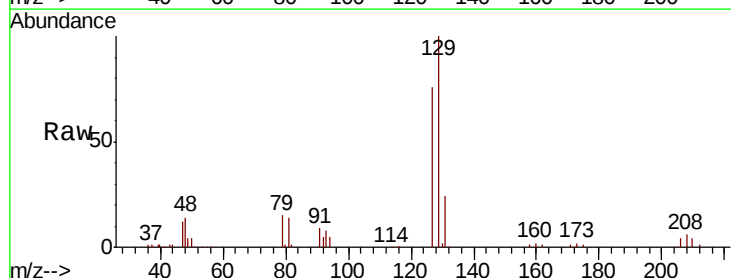
Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

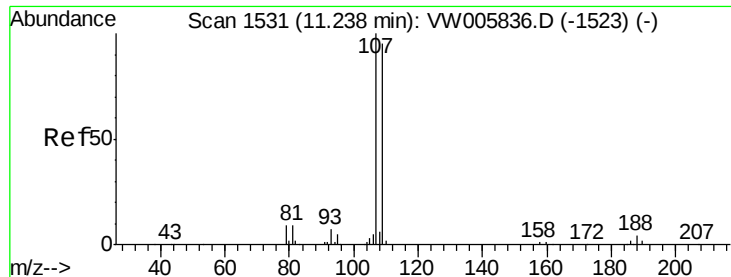
Tot Ion: 43 Resp: 75719
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.7



#60
Dibromochloromethane
Concen: 20.179 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion: 129 Resp: 37728
Ion Ratio Lower Upper
129 100
127 76.6 37.2 111.6

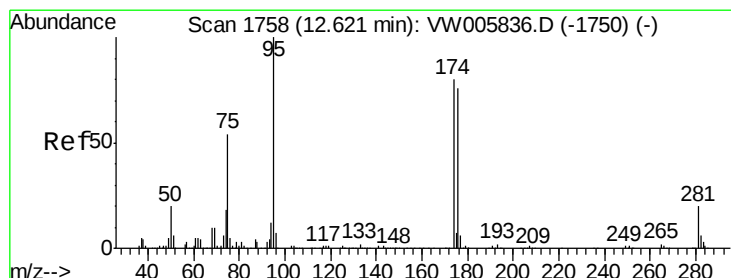
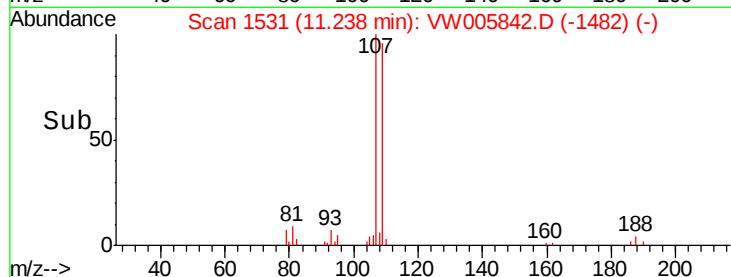
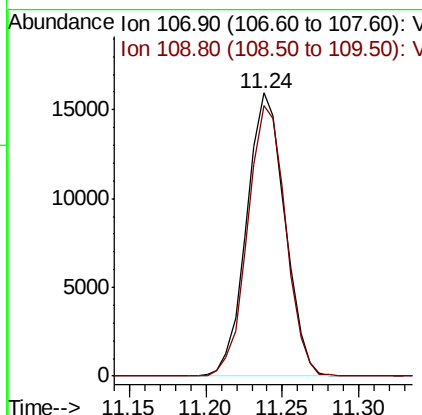
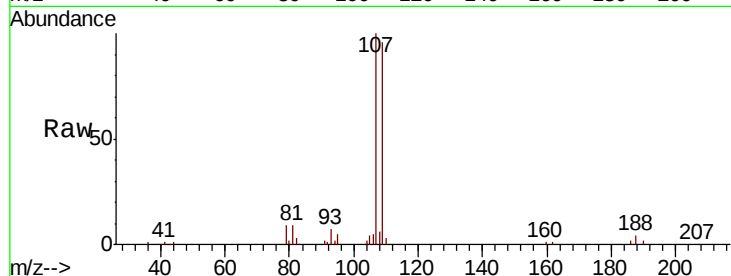




#61
 1,2-Dibromoethane
 Concen: 19.953 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

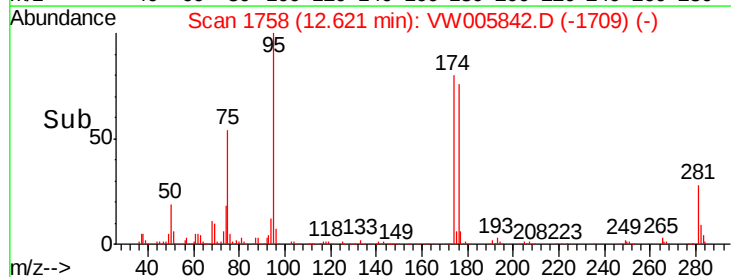
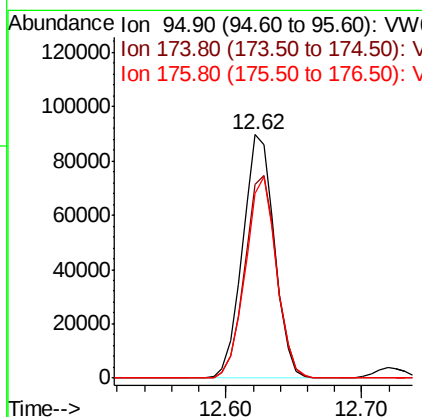
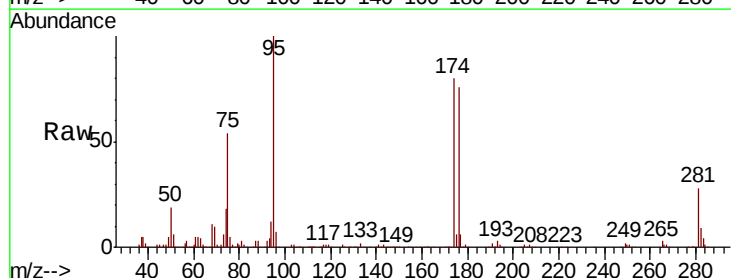
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

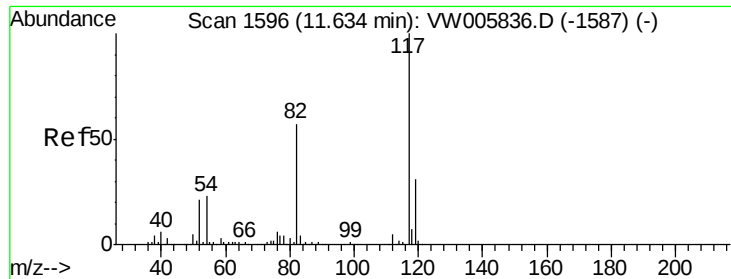
Tot Ion: 107 Resp: 27759
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.6 114.8



#62
 4-Bromofluorobenzene
 Concen: 54.641 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Tgt Ion: 95 Resp: 146035
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 169.0
 176 81.2 0.0 164.2

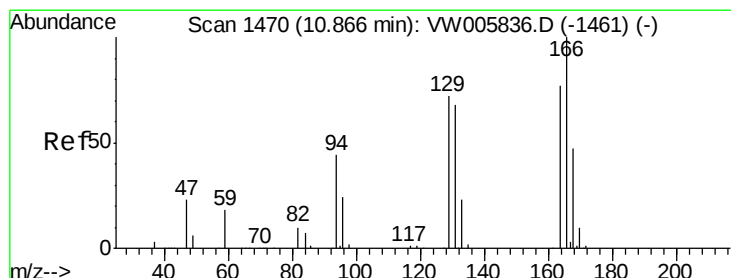
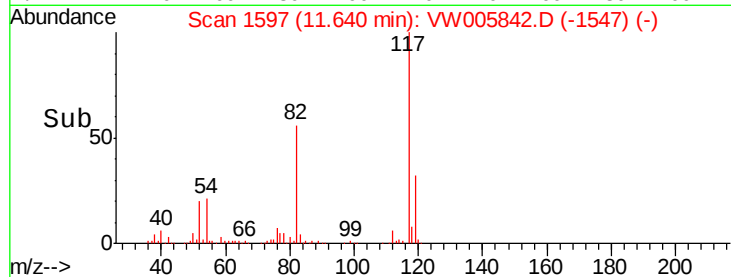
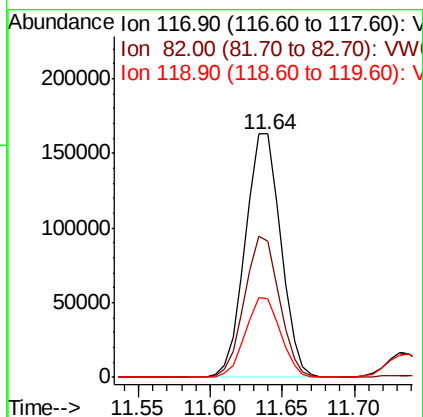
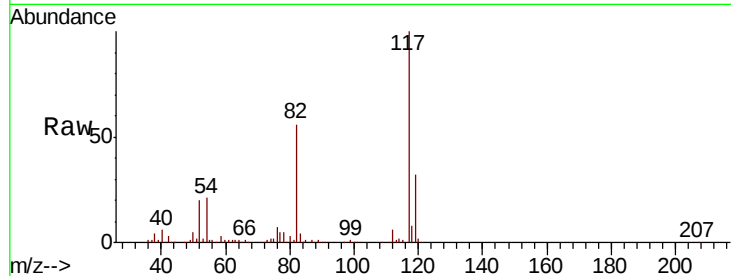




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

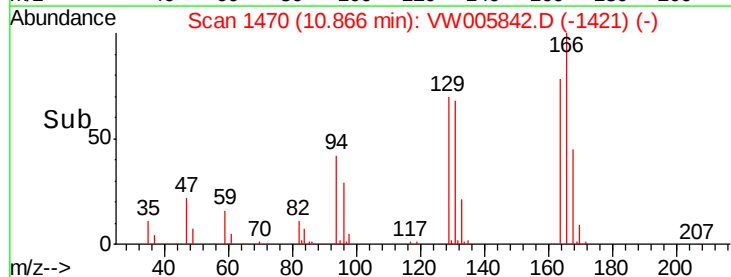
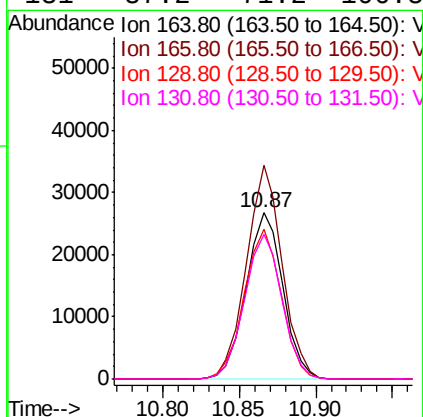
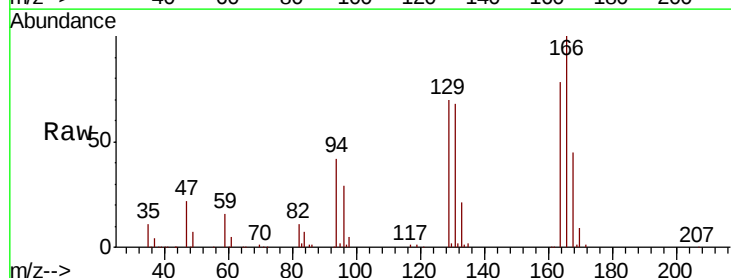
Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

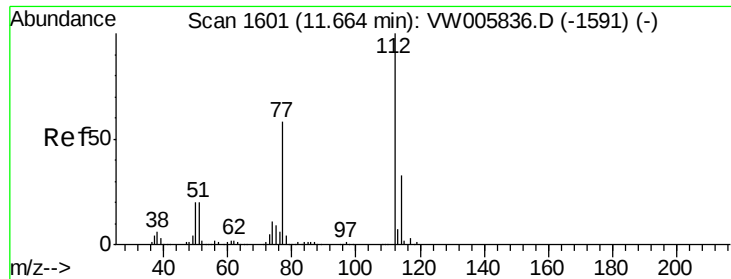
Tot Ion:117 Resp: 278542
Ion Ratio Lower Upper
117 100
82 56.0 45.6 68.4
119 32.1 25.0 37.6



#64
Tetrachloroethene
Concen: 20.558 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion:164 Resp: 44697
Ion Ratio Lower Upper
164 100
166 128.8 104.0 156.0
129 90.5 74.8 112.2
131 87.2 71.2 106.8

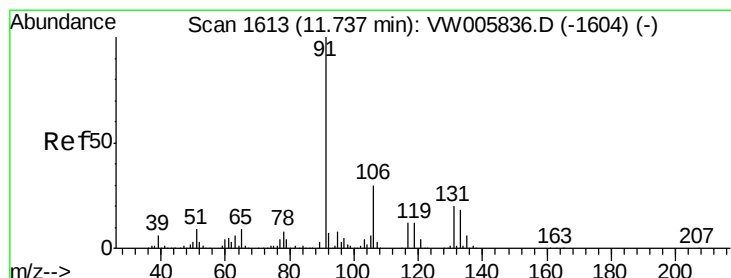
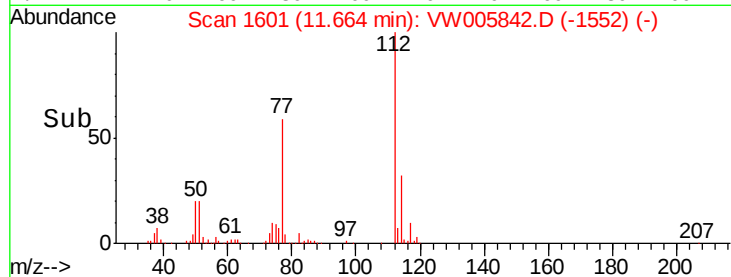
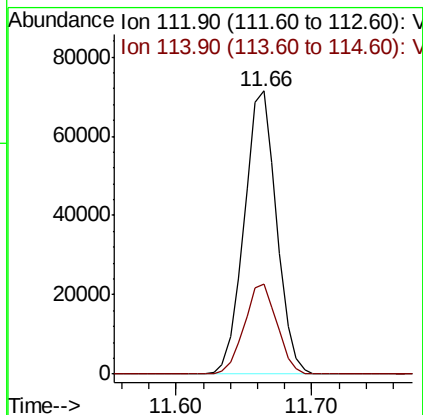
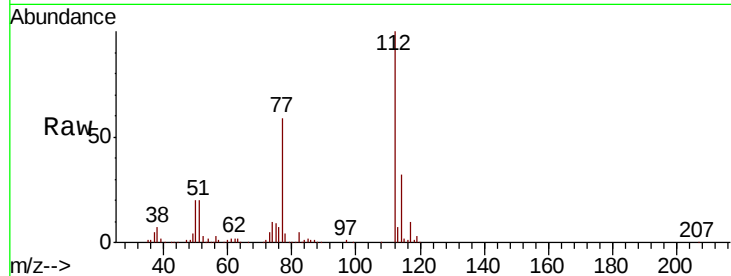




#65
Chlorobenzene
Concen: 19.533 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

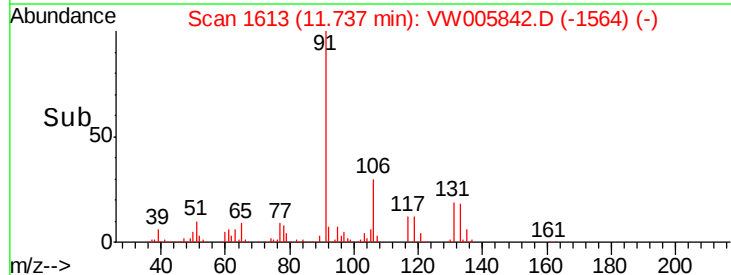
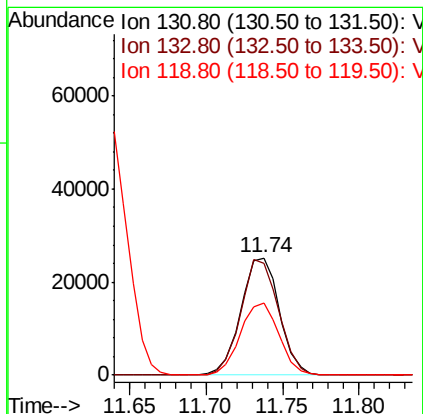
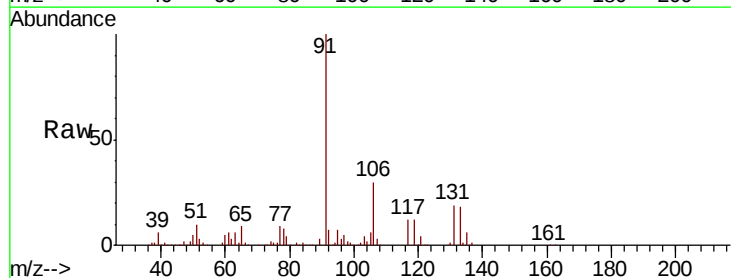
Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

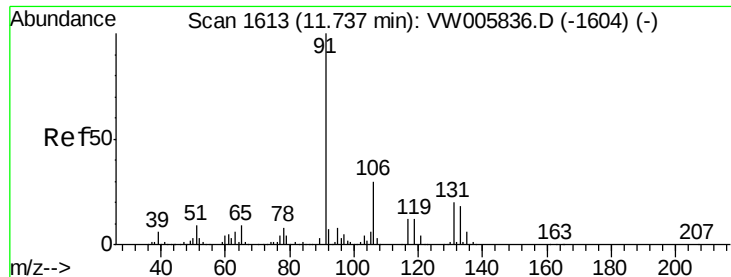
Tot Ion:112 Resp: 118966
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.452 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion:131 Resp: 43913
Ion Ratio Lower Upper
131 100
133 97.0 47.0 141.0
119 61.9 30.4 91.2

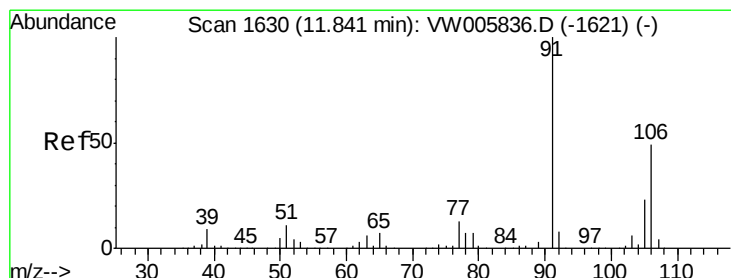
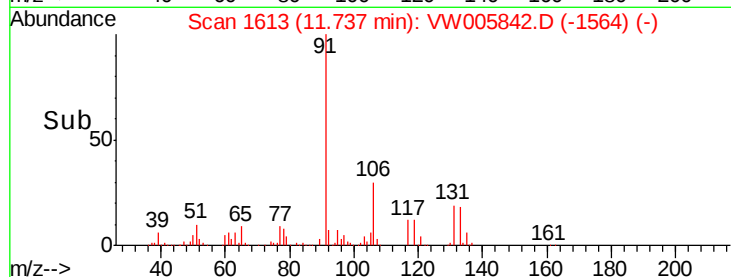
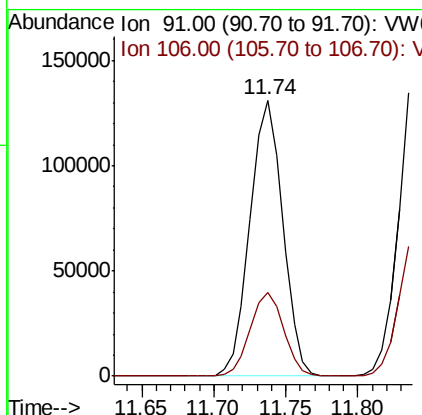
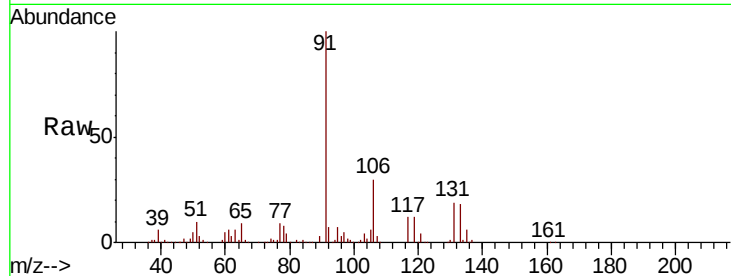




#67
Ethyl Benzene
Concen: 19.824 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

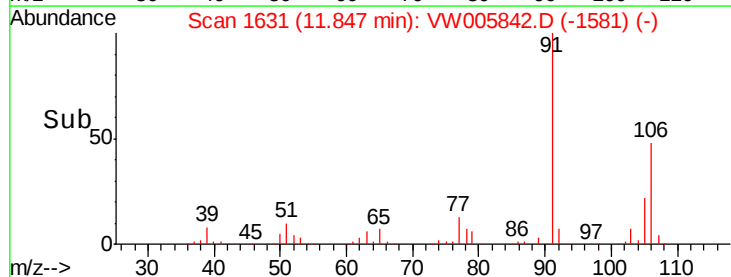
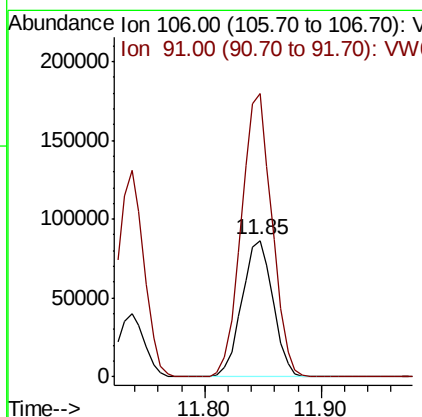
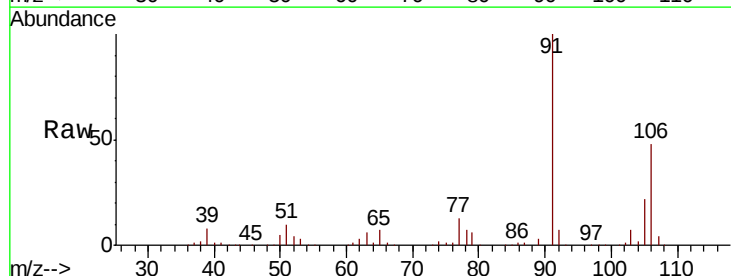
Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

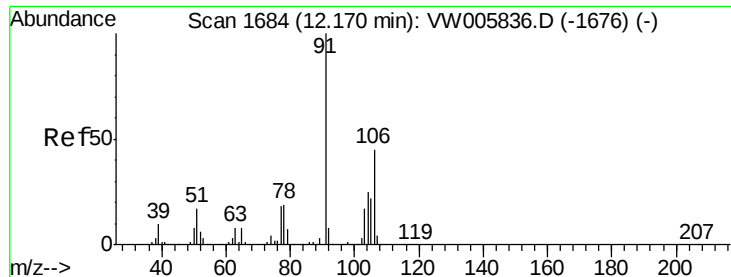
Tot Ion: 91 Resp: 206742
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 40.137 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion: 106 Resp: 161293
Ion Ratio Lower Upper
106 100
91 204.9 165.4 248.0

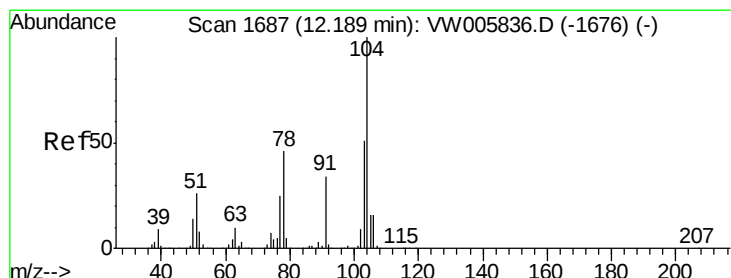
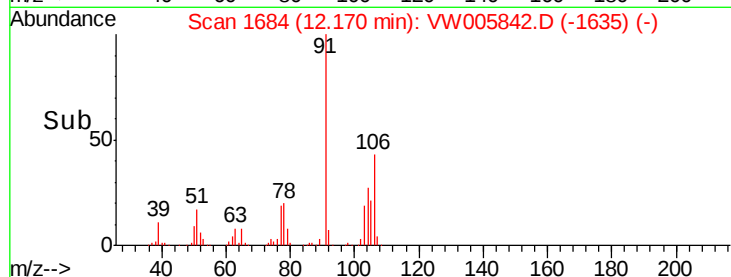
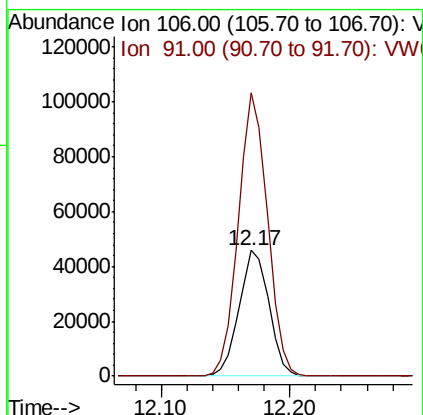
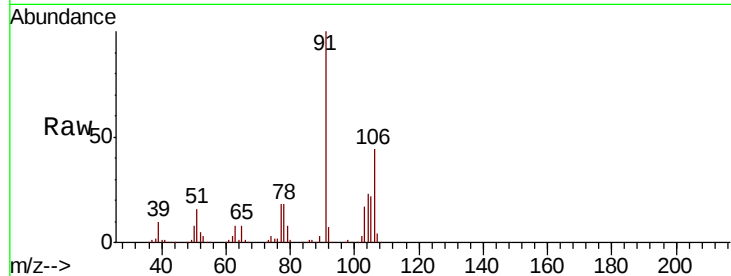




#69
o-Xylene
Concen: 19.637 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

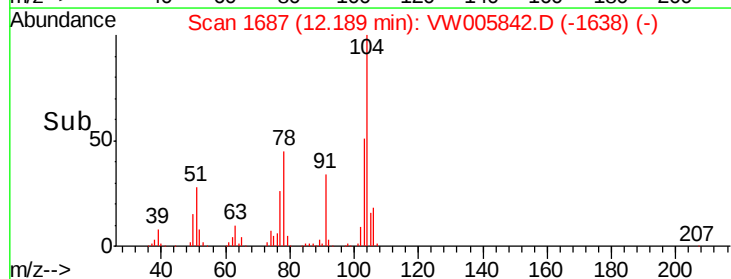
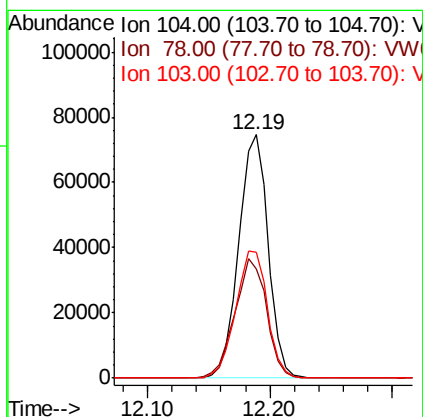
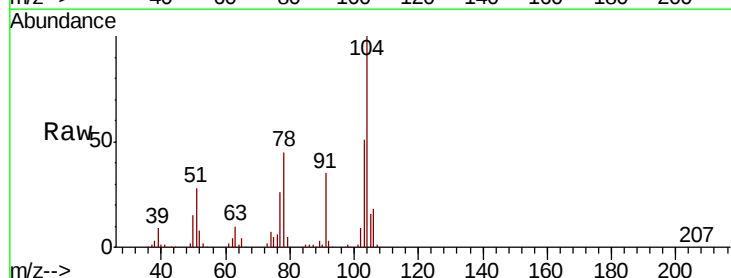
Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

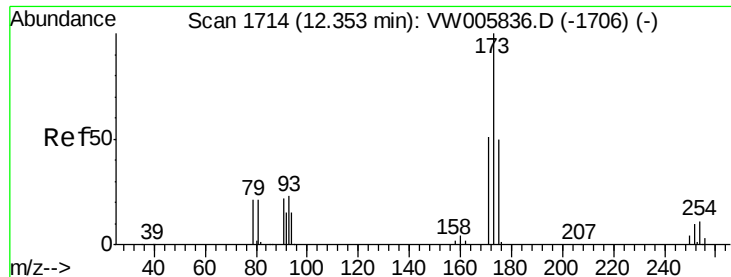
Tot Ion:106 Resp: 73348
Ion Ratio Lower Upper
106 100
91 220.6 109.7 329.1



#70
Styrene
Concen: 19.600 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion:104 Resp: 124178
Ion Ratio Lower Upper
104 100
78 53.2 42.3 63.5
103 56.4 44.9 67.3





#71

Bromoform

Concen: 18.703 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

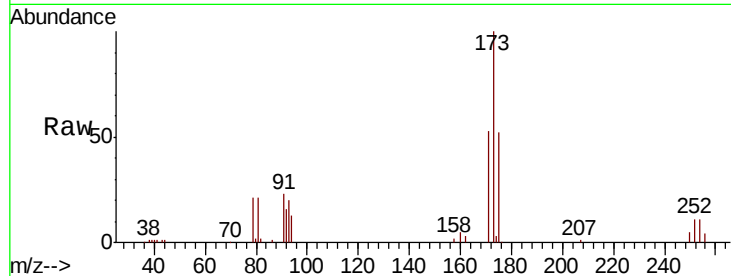
Tot Ion:173 Resp: 23243

Ion Ratio Lower Upper

173 100

175 49.7 24.3 72.9

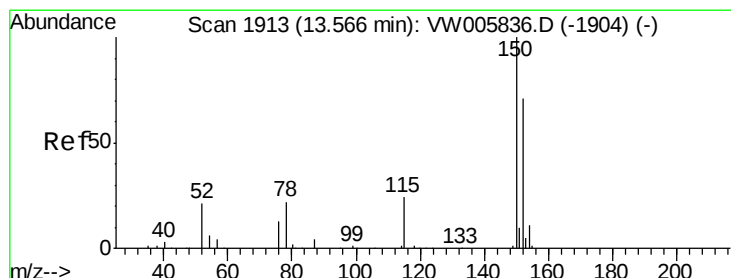
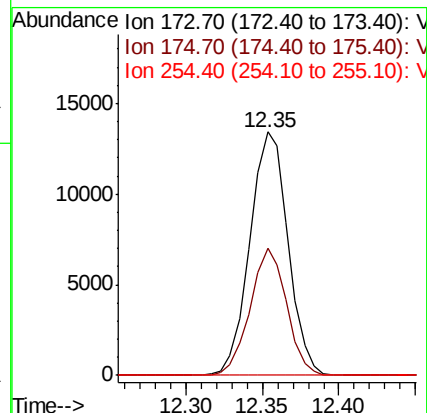
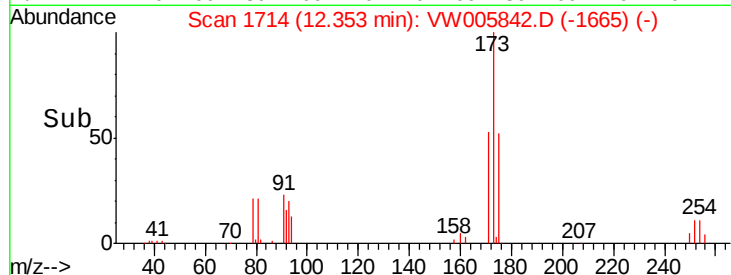
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

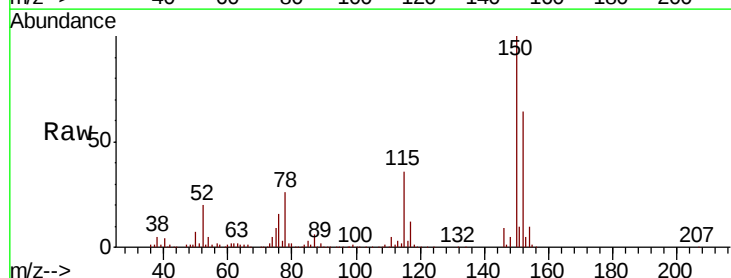
Tgt Ion:152 Resp: 149284

Ion Ratio Lower Upper

152 100

115 57.5 29.8 89.4

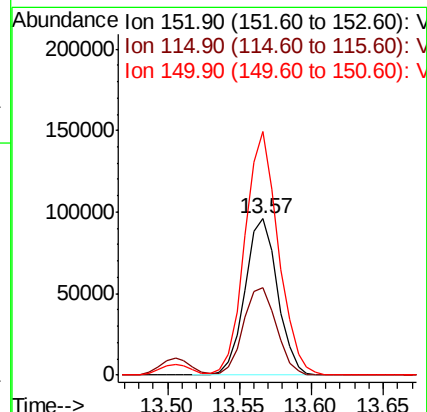
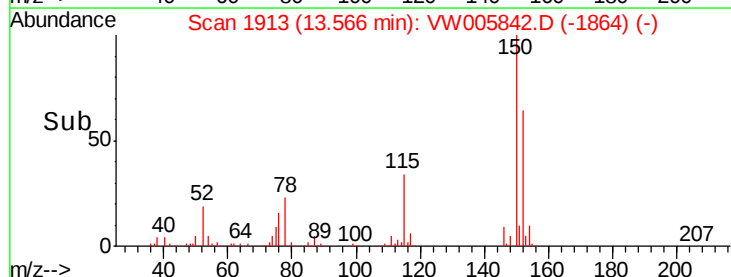
150 160.2 0.0 349.4

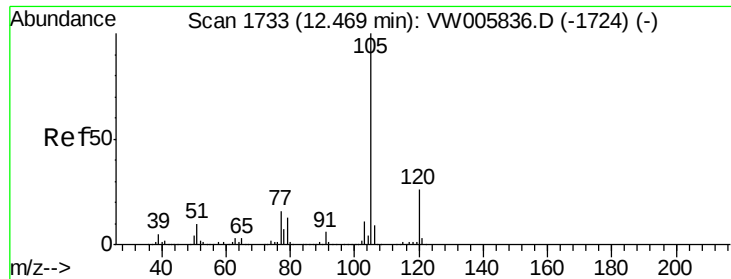


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

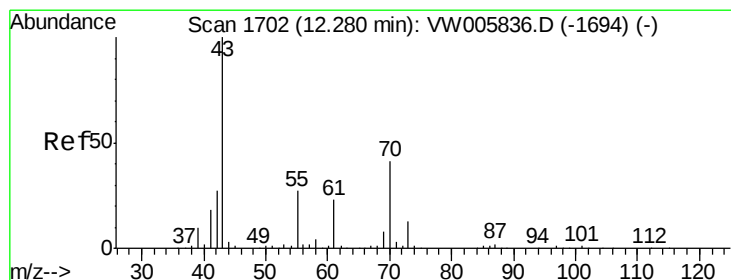
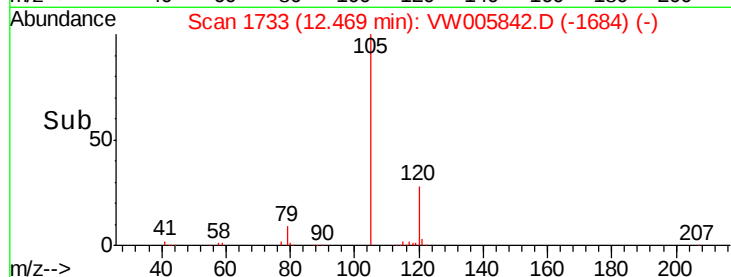
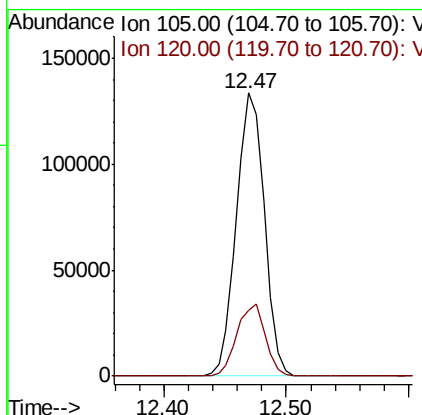
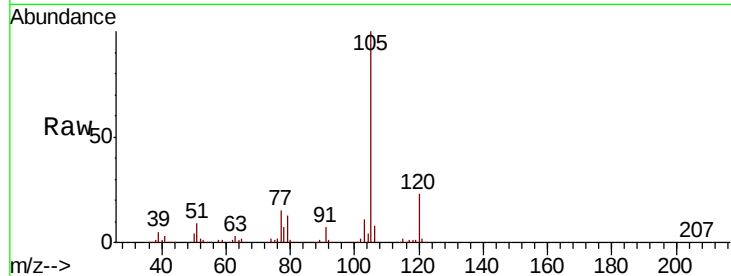




#73
Isopropylbenzene
Concen: 20.617 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

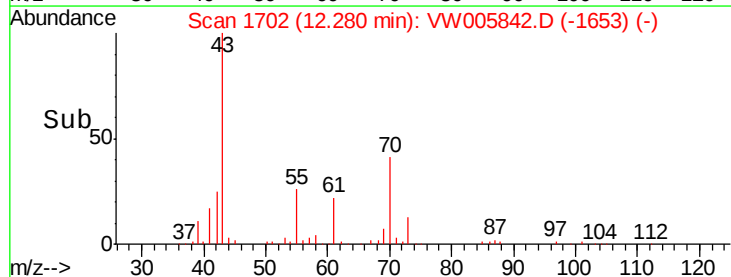
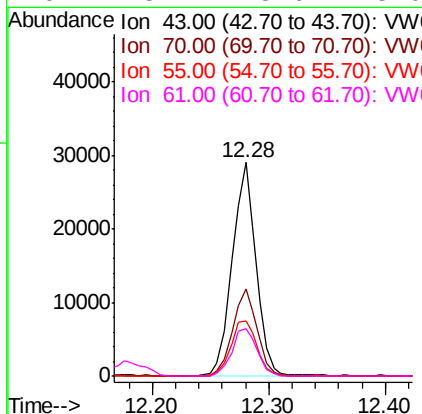
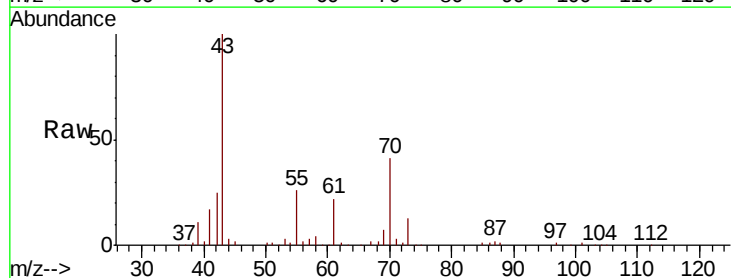
Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

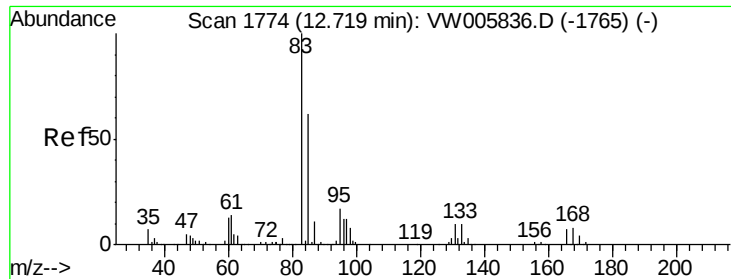
Tot Ion:105 Resp: 211762
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.7



#74
N-ethyl acetate
Concen: 18.493 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion: 43 Resp: 41339
Ion Ratio Lower Upper
43 100
70 41.3 33.6 50.4
55 28.2 21.8 32.6
61 23.4 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.393 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

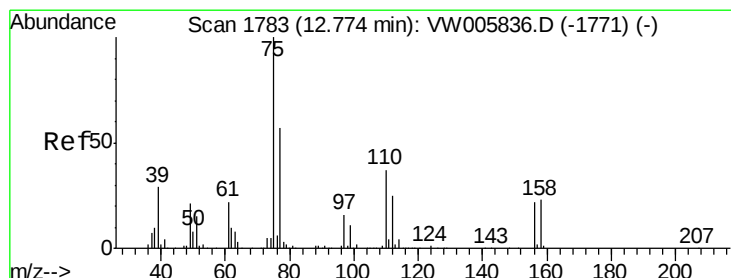
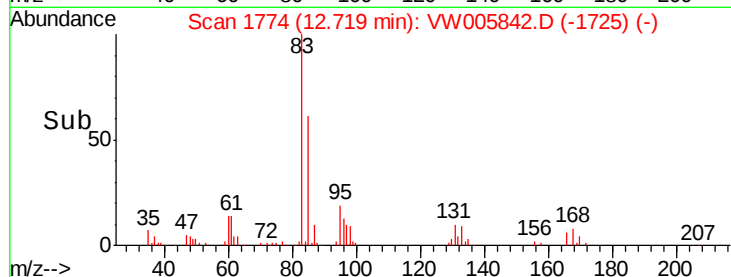
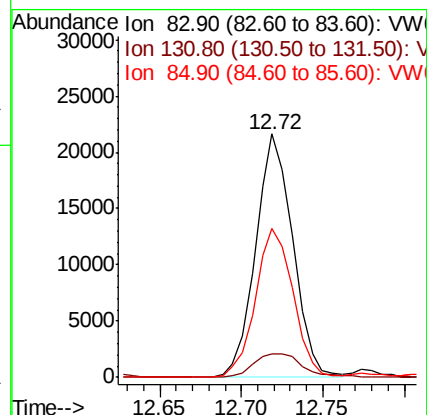
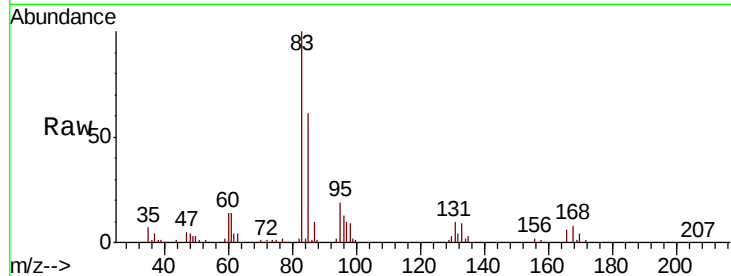
Tot Ion: 83 Resp: 34177

Ion Ratio Lower Upper

83 100

131 12.6 5.9 17.6

85 62.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 34.608 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005842.D

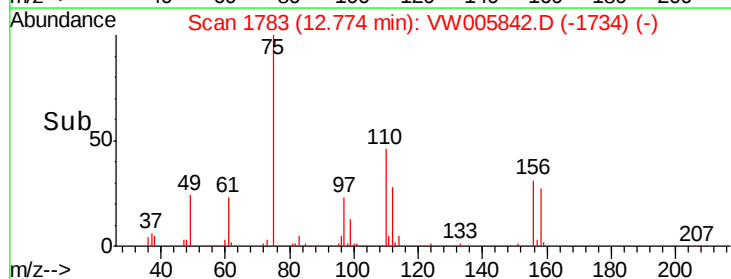
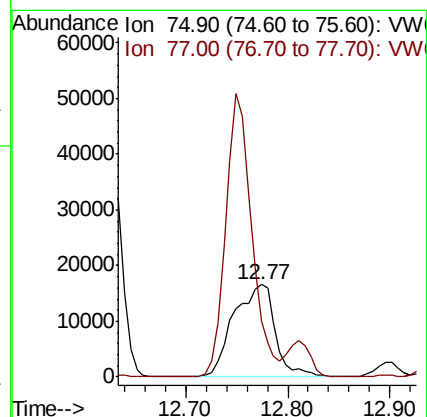
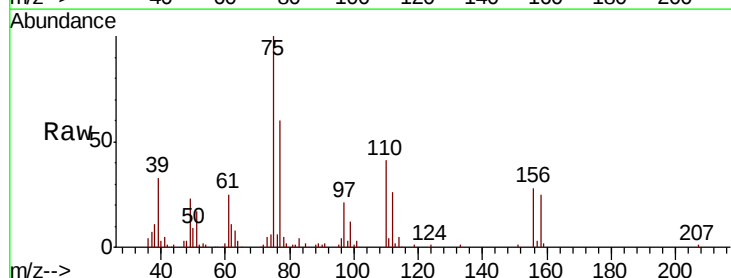
Acq: 04 Oct 2018 07:55

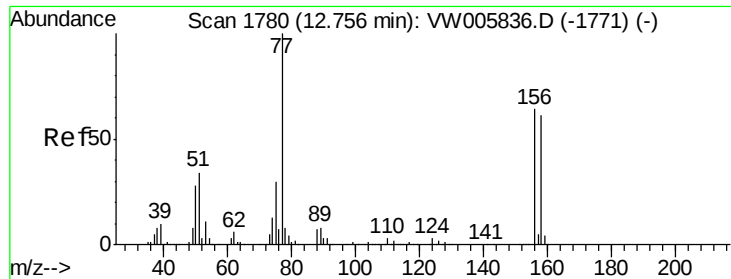
Tgt Ion: 75 Resp: 46953

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.092 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

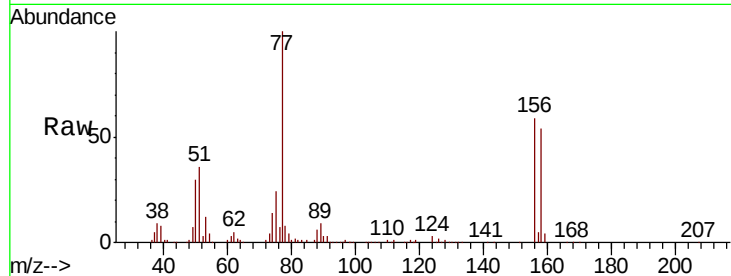
Tot Ion:156 Resp: 50954

Ion Ratio Lower Upper

156 100

77 178.4 91.0 273.1

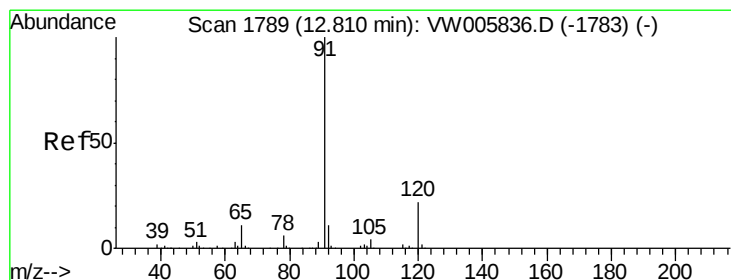
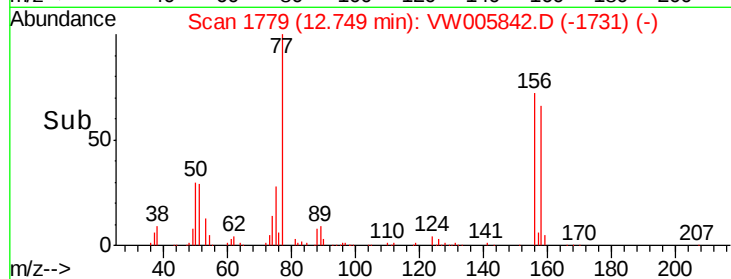
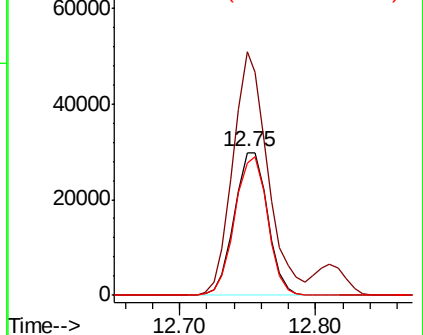
158 95.5 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.636 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005842.D

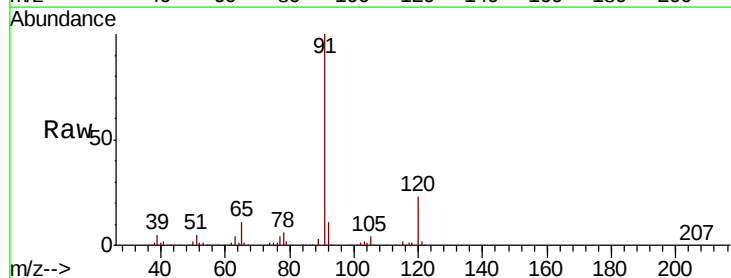
Acq: 04 Oct 2018 07:55

Tgt Ion: 91 Resp: 252112

Ion Ratio Lower Upper

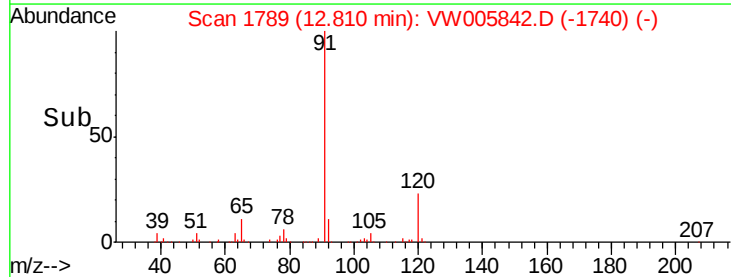
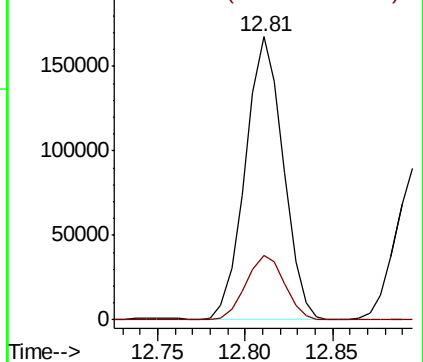
91 100

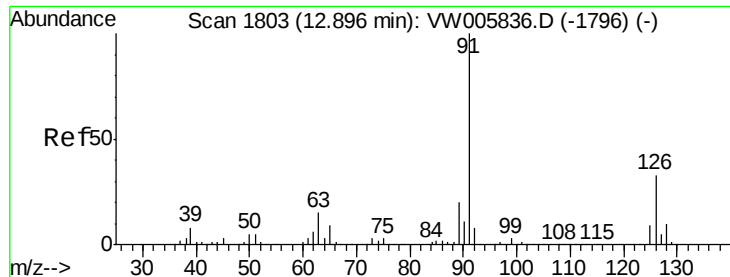
120 23.3 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.238 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

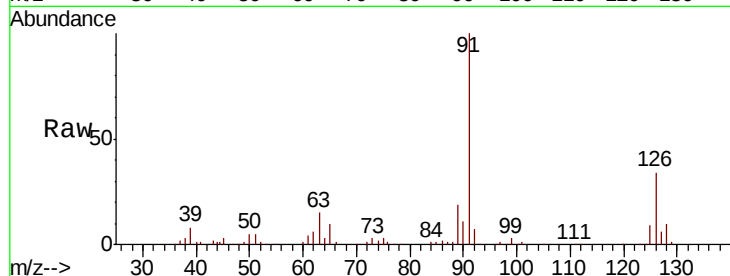
VW1004SBS01

Tot Ion: 91 Resp: 147263

Ion Ratio Lower Upper

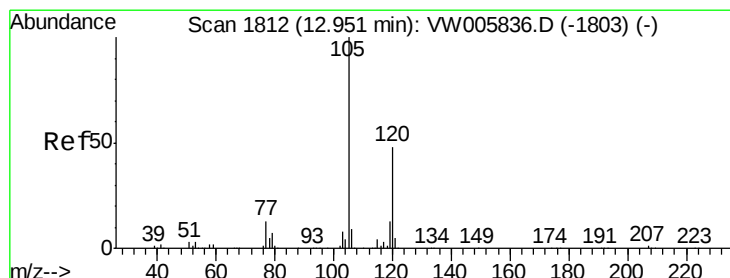
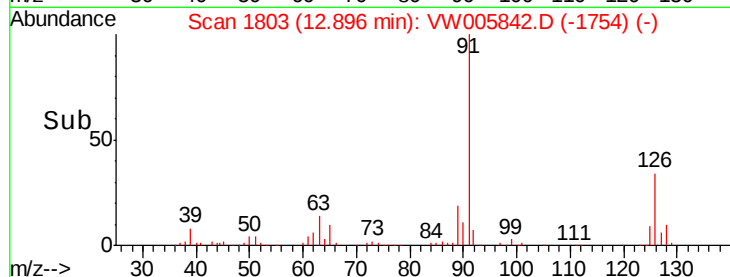
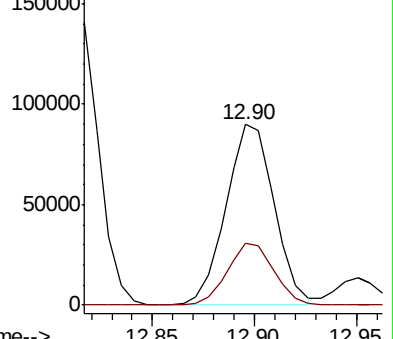
91 100

126 33.4 16.6 49.8



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: 20.453 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005842.D

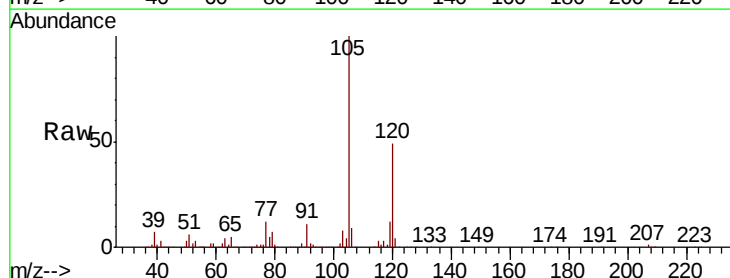
Acq: 04 Oct 2018 07:55

Tgt Ion:105 Resp: 182436

Ion Ratio Lower Upper

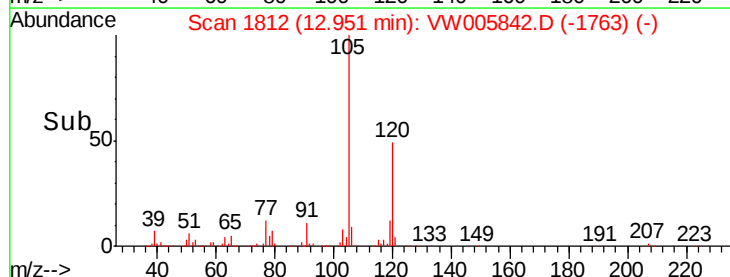
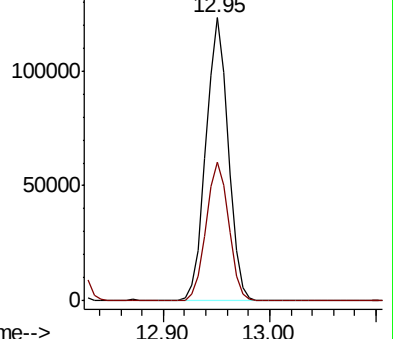
105 100

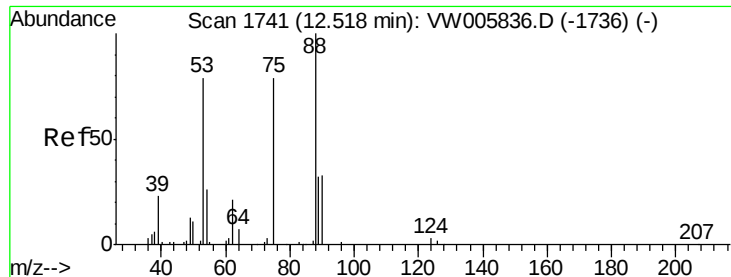
120 49.6 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.598 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

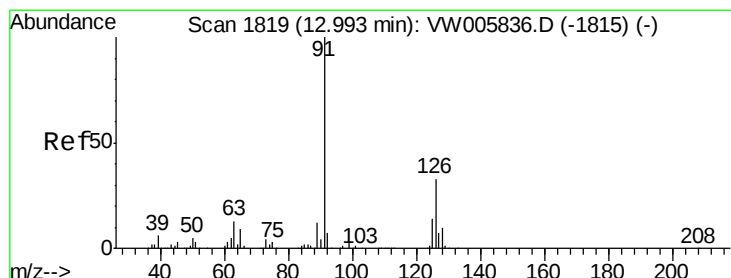
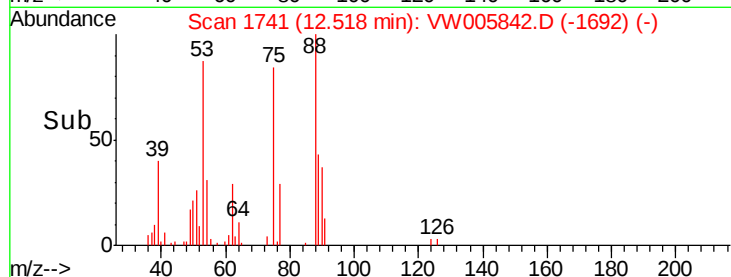
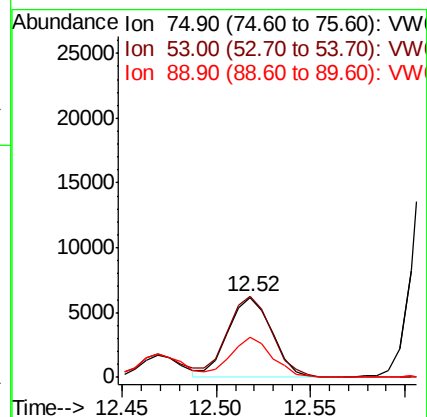
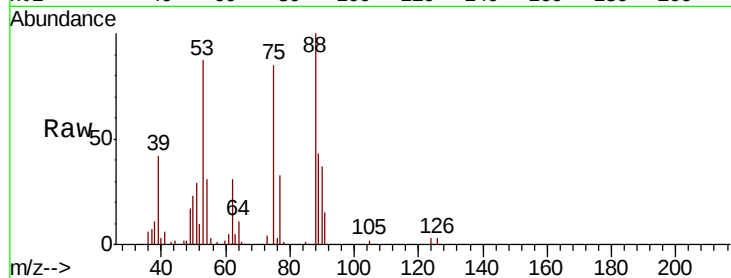
Tot Ion: 75 Resp: 9982

Ion Ratio Lower Upper

75 100

53 103.6 83.7 125.5

89 46.9 37.5 56.3



#82

4-Chlorotoluene

Concen: 20.849 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005842.D

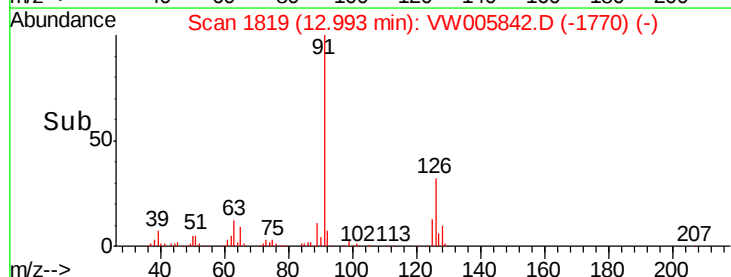
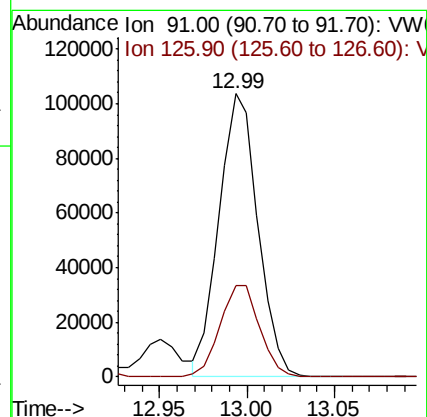
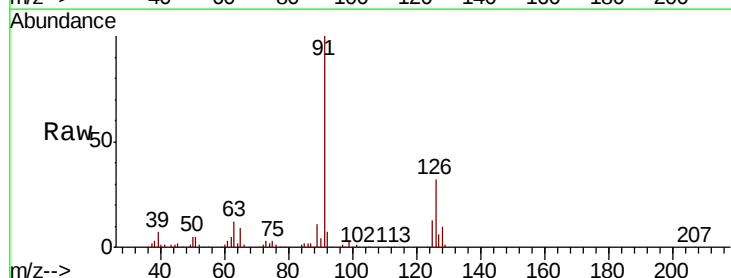
Acq: 04 Oct 2018 07:55

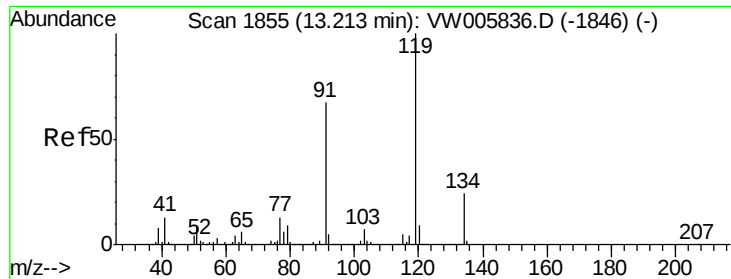
Tgt Ion: 91 Resp: 159914

Ion Ratio Lower Upper

91 100

126 33.1 16.7 50.0

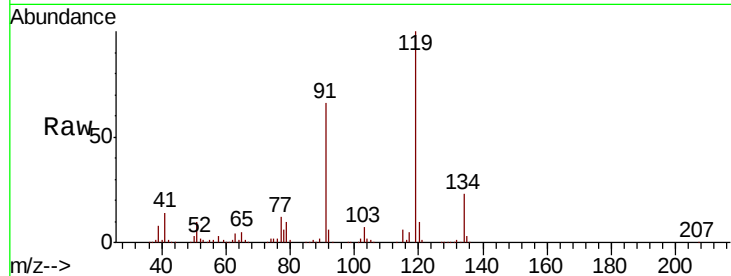




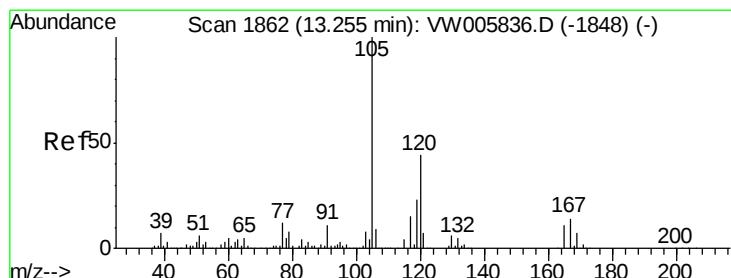
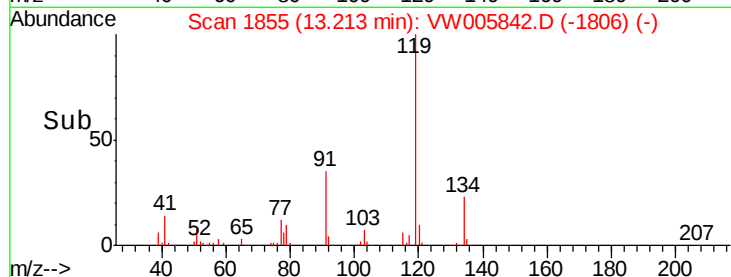
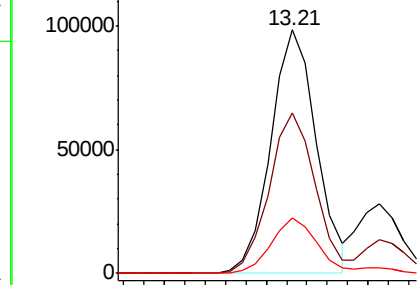
#83
tert-Butylbenzene
Concen: 20.574 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion:119 Resp: 153048
Ion Ratio Lower Upper
119 100
91 67.6 33.4 100.2
134 24.6 12.8 38.3

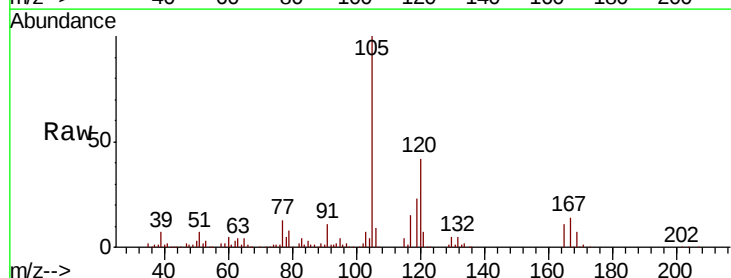


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

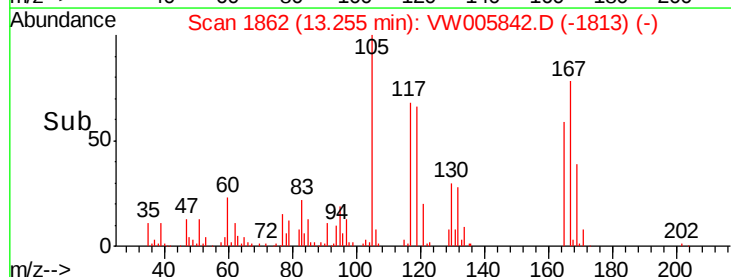
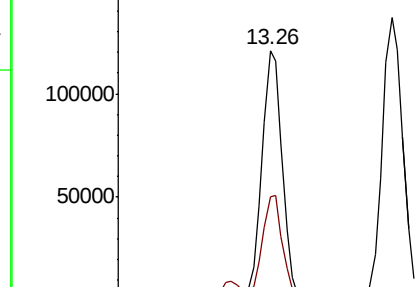


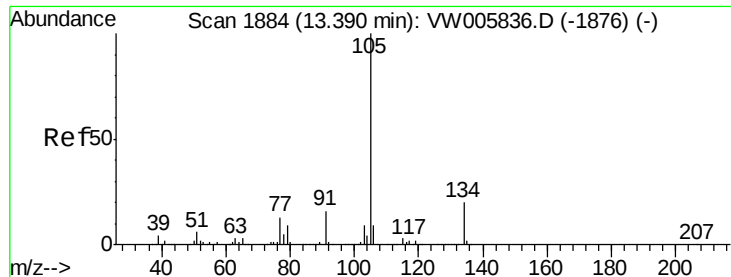
#84
1,2,4-Trimethylbenzene
Concen: 20.781 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion:105 Resp: 190324
Ion Ratio Lower Upper
105 100
120 41.6 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.103 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampleId :

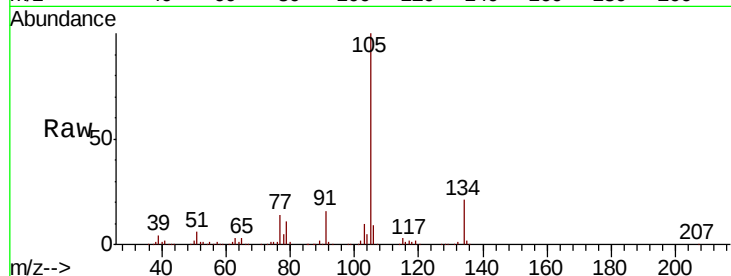
VW1004SBS01

Tot Ion:105 Resp: 215868

Ion Ratio Lower Upper

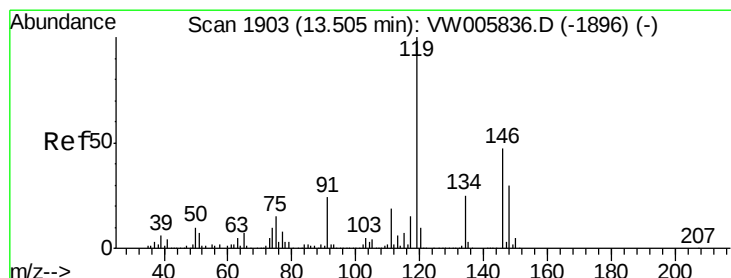
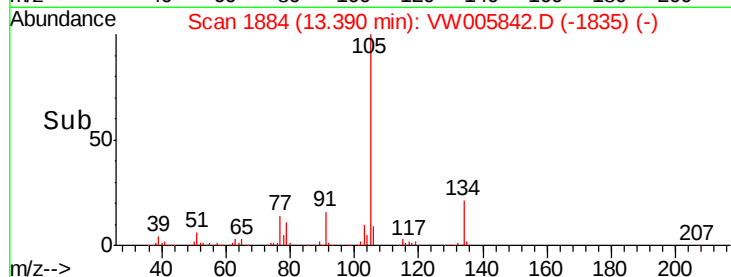
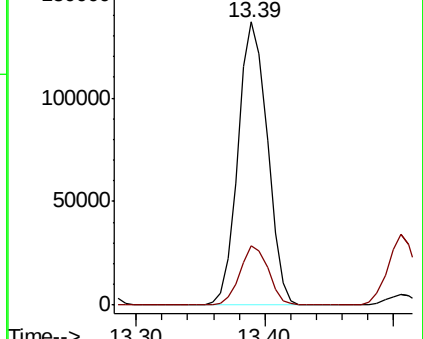
105 100

134 20.2 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.749 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

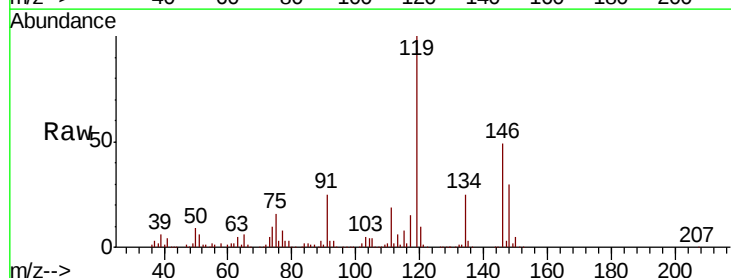
Tgt Ion:119 Resp: 199991

Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

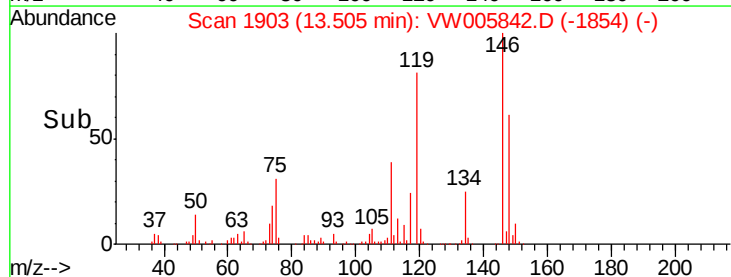
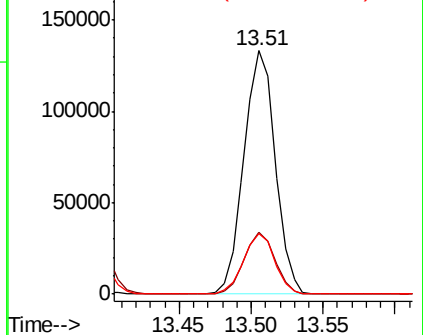
91 24.7 11.9 35.9

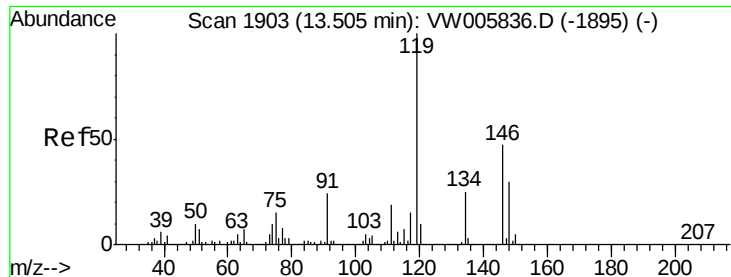


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

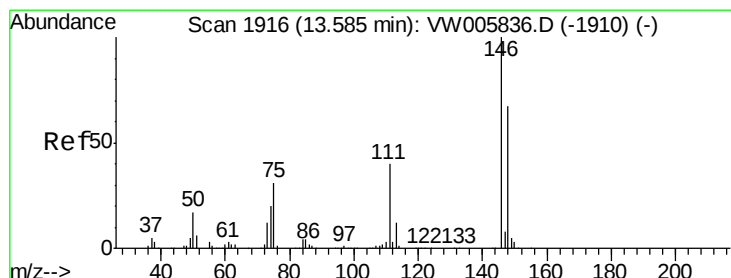
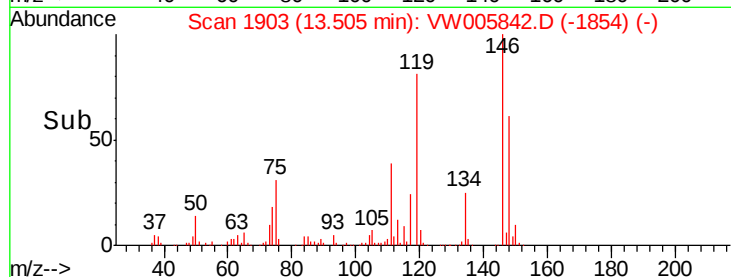
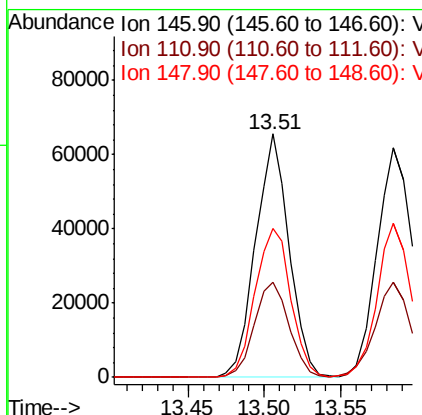
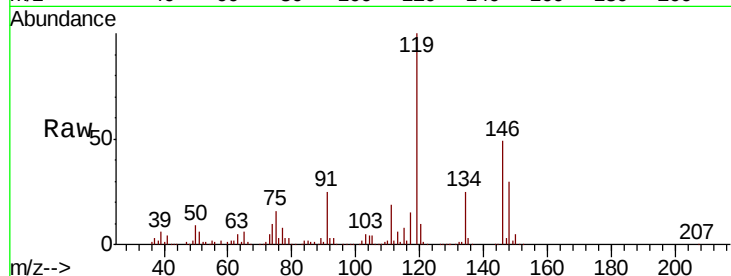




#87
 1,3-Dichlorobenzene
 Concen: 19.534 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

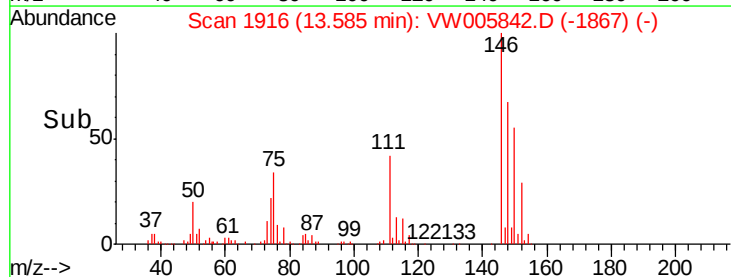
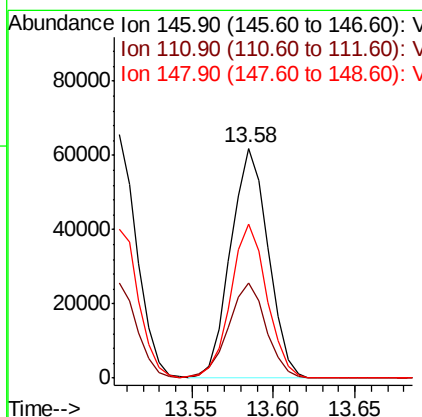
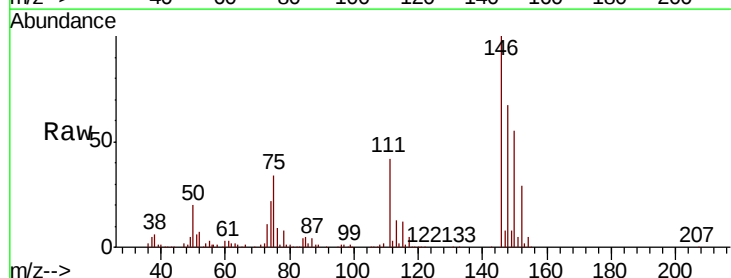
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

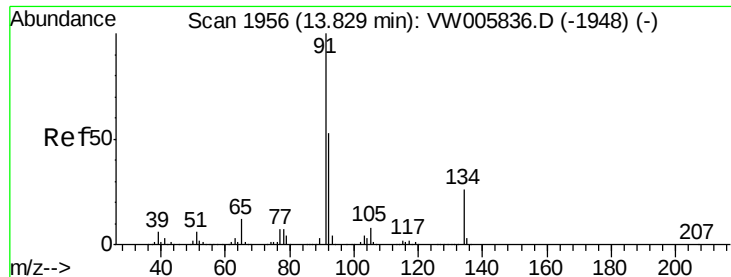
Tot Ion:146 Resp: 99933
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.9 59.7
 148 65.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.448 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Tgt Ion:146 Resp: 99272
 Ion Ratio Lower Upper
 146 100
 111 41.7 19.7 59.1
 148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 20.004 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005842.D

Acq: 04 Oct 2018 07:55

Instrument :

MSVOA_W

ClientSampled :

VW1004SBS01

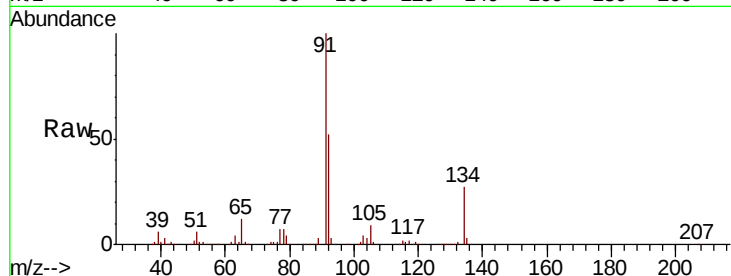
Tot Ion: 91 Resp: 177581

Ion Ratio Lower Upper

91 100

92 51.9 26.2 78.5

134 26.6 13.1 39.1

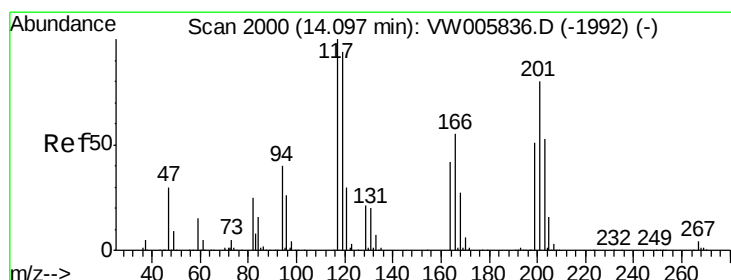
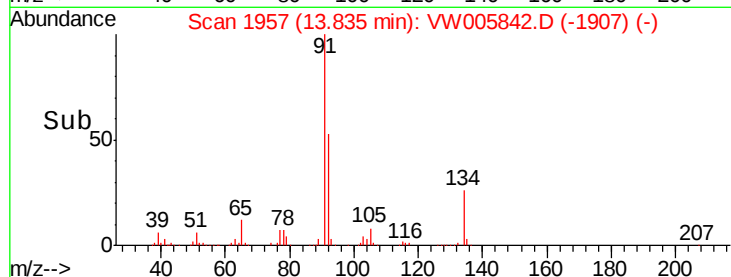
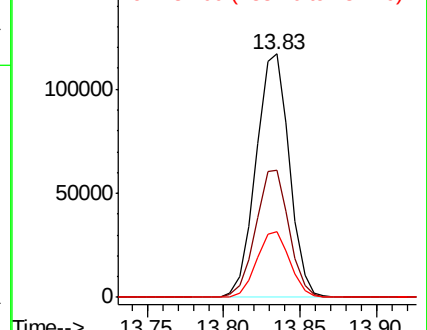


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.837 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005842.D

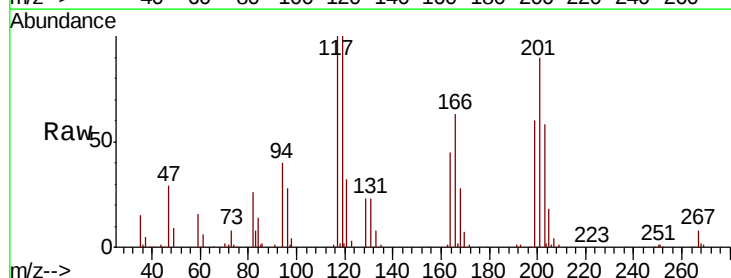
Acq: 04 Oct 2018 07:55

Tgt Ion: 117 Resp: 35950

Ion Ratio Lower Upper

117 100

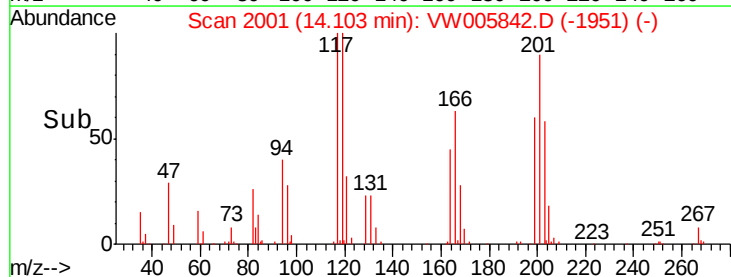
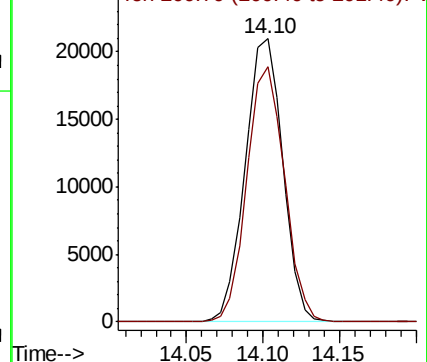
201 90.0 43.7 131.1

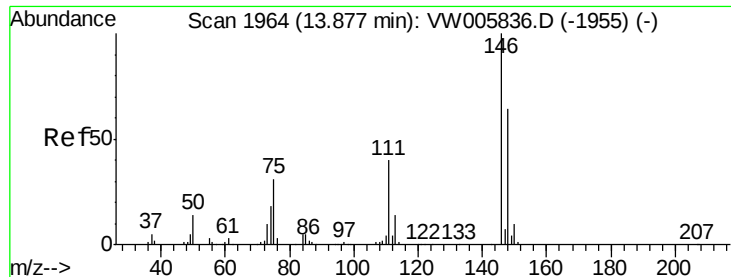


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

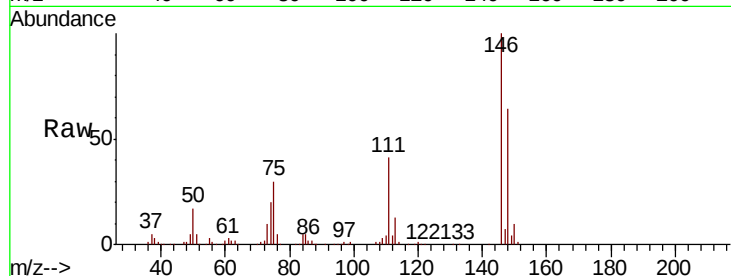




#91
 1,2-Dichlorobenzene
 Concen: 19.964 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.4	61.3
148	63.8	32.1	96.3

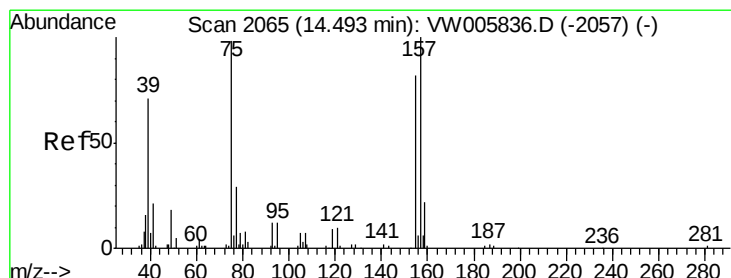
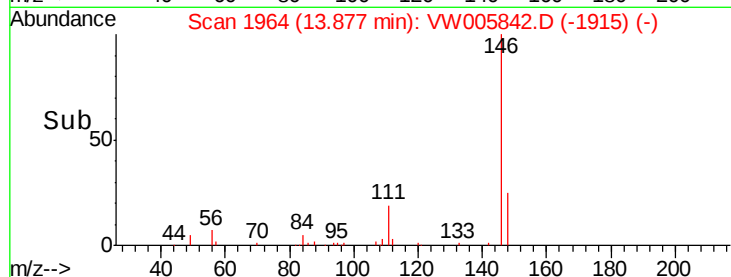
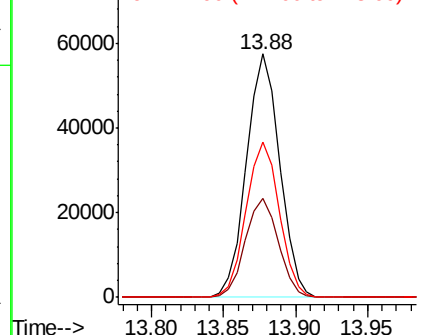


Abundance

Ion 145.90 (145.60 to 146.60): V

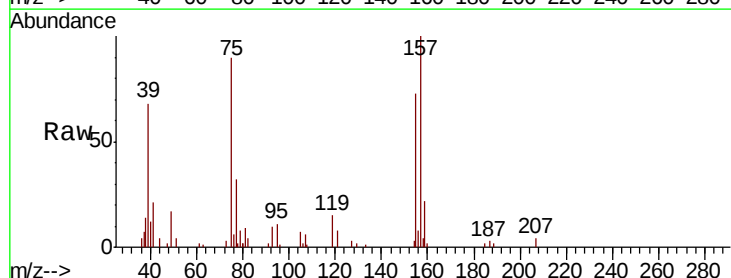
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.013 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	41.3	123.9
157	102.1	51.9	155.7

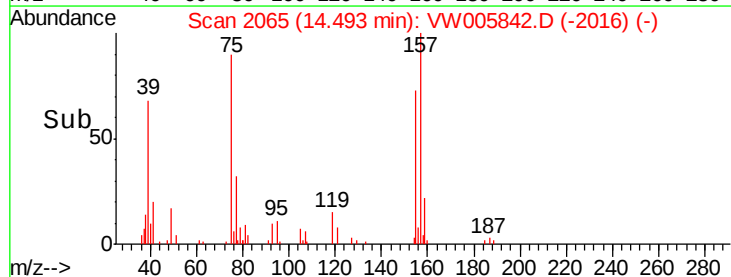
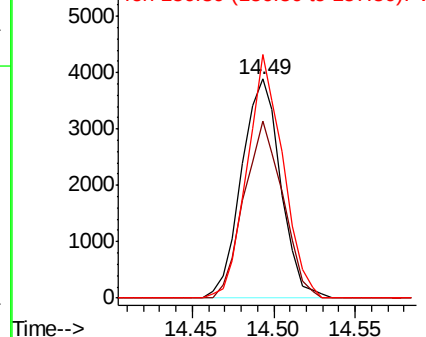


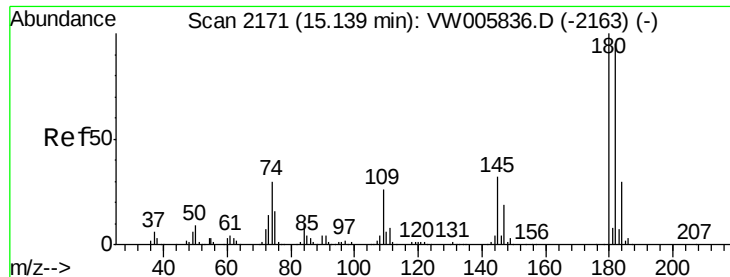
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

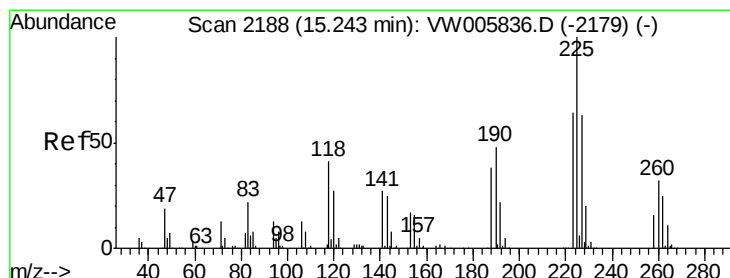
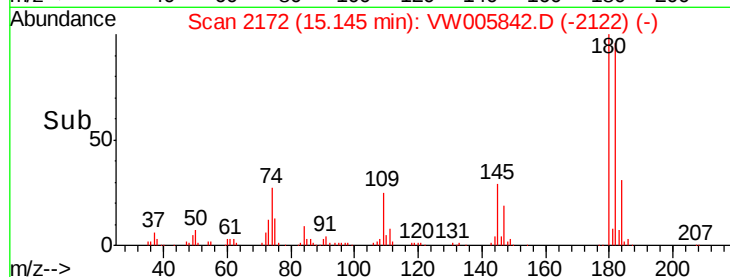
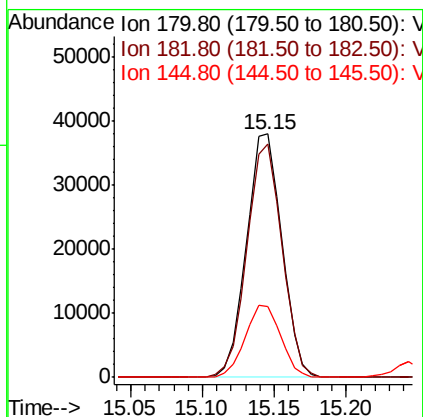
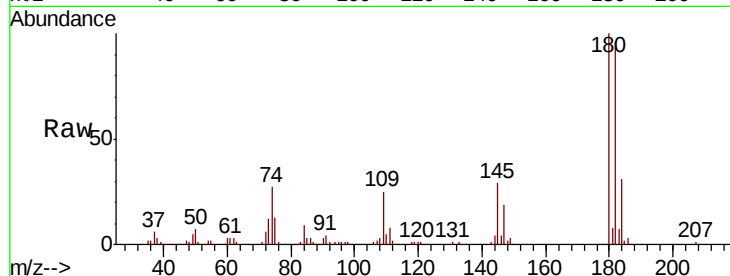




#93
 1,2,4-Trichlorobenzene
 Concen: 20.030 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

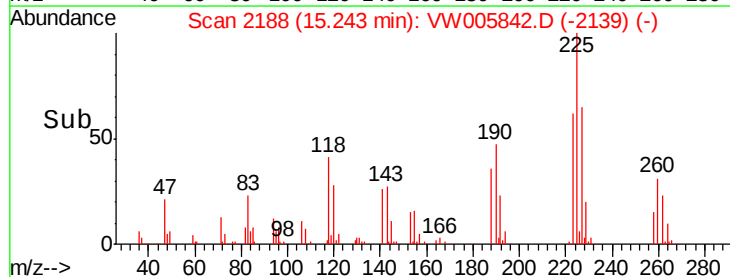
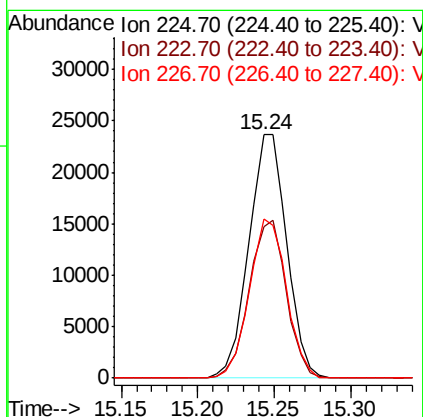
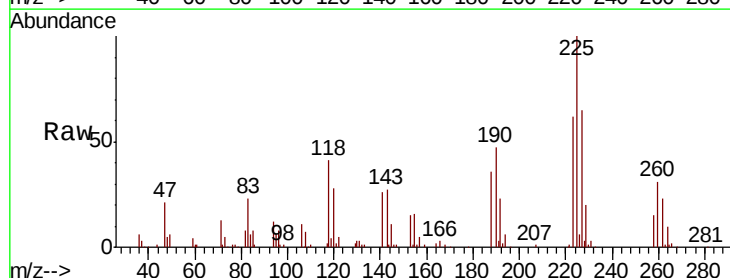
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

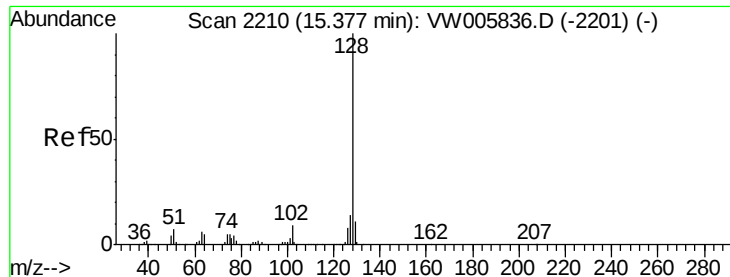
Tot Ion:180 Resp: 64385
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.6 142.8
 145 29.9 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 20.105 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005842.D
 Acq: 04 Oct 2018 07:55

Tgt Ion:225 Resp: 40866
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.2 93.6
 227 63.8 31.7 95.1

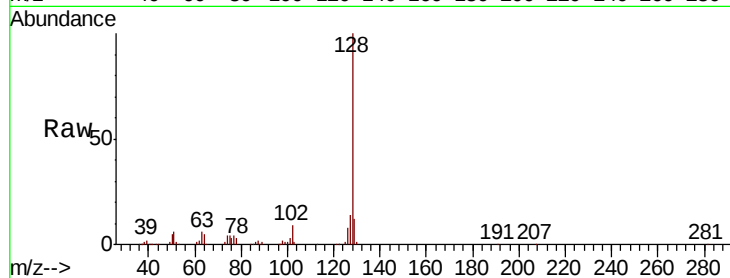




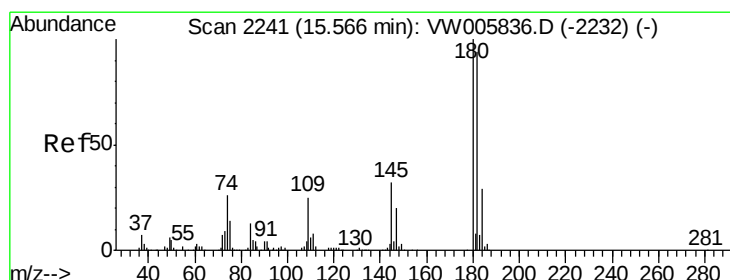
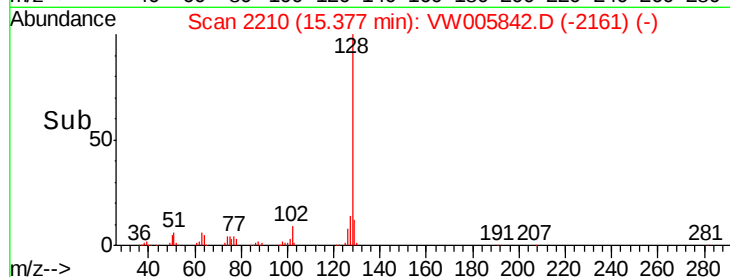
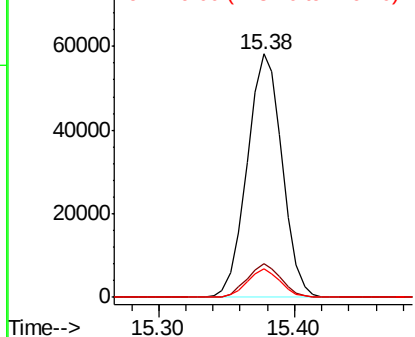
#95
Naphthalene
Concen: 18.574 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tot Ion:128 Resp: 104859
Ion Ratio Lower Upper
128 100
127 13.4 10.9 16.3
129 10.9 8.9 13.3

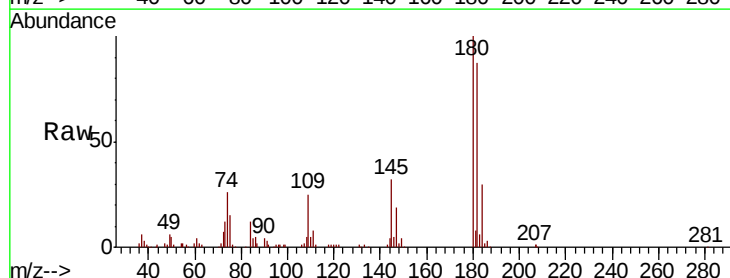


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.677 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005842.D
Acq: 04 Oct 2018 07:55

Tgt Ion:180 Resp: 56866
Ion Ratio Lower Upper
180 100
182 93.9 47.3 142.0
145 33.4 16.1 48.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

