

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082018\
 Data File : VW004804.D
 Acq On : 20 Aug 2018 20:53
 Operator : SY/AP
 Sample : J4499-09MSD
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MSD

Quant Time: Aug 21 00:58:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	594039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	870940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	732225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	308673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	303393	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
35) Dibromofluoromethane	7.88	113	304338	54.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.34%	
50) Toluene-d8	10.33	98	1091186	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.62	95	332699	42.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	187333	47.608	ug/l	94
3) Chloromethane	2.22	50	225965	43.922	ug/l	99
4) Vinyl Chloride	2.37	62	389719	51.463	ug/l	99
5) Bromomethane	2.78	94	217109	46.422	ug/l	96
6) Chloroethane	2.93	64	241043	52.752	ug/l	99
7) Trichlorofluoromethane	3.26	101	203040	56.913	ug/l	96
8) Diethyl Ether	3.68	74	180632	56.000	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	300749	48.956	ug/l	100
10) Methyl Iodide	4.26	142	414892	44.470	ug/l	99
11) Tert butyl alcohol	5.23	59	91030	283.707	ug/l	100
12) 1,1-Dichloroethene	4.03	96	299399	48.908	ug/l	99
13) Acrolein	3.89	56	35317	82.023	ug/l	100
14) Allyl chloride	4.67	41	472132	50.821	ug/l	99
15) Acrylonitrile	5.37	53	337184	249.264	ug/l	99
16) Acetone	4.14	43	421332	287.385	ug/l	99
17) Carbon Disulfide	4.37	76	921141	45.787	ug/l	99
18) Methyl Acetate	4.67	43	517954	164.861	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	477272	60.060	ug/l	96
20) Methylene Chloride	4.91	84	409272	62.193	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	318697	48.929	ug/l	99
22) Diisopropyl ether	6.32	45	975559	54.634	ug/l	96
23) Vinyl Acetate	6.31	43	681766	67.502	ug/l #	73
24) 1,1-Dichloroethane	6.21	63	601435	51.831	ug/l	99
25) 2-Butanone	7.18	43	572978	274.297	ug/l	99
26) 2,2-Dichloropropane	7.17	77	336858	50.261	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	350471	49.981	ug/l	99
28) Bromochloromethane	7.51	49	253103	51.797	ug/l	99
29) Tetrahydrofuran	7.54	42	306265	287.524	ug/l	98
30) Chloroform	7.68	83	587221	51.456	ug/l	100
31) Cyclohexane	7.96	56	482329	42.974	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	464007	51.292	ug/l	99
36) 1,1-Dichloropropene	8.09	75	429097	47.825	ug/l	100
37) Ethyl Acetate	7.26	43	98757	27.612	ug/l #	80
38) Carbon Tetrachloride	8.07	117	417164	50.511	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	401261	35.762	ug/l	99
40) Benzene	8.33	78	1321583	50.684	ug/l	99
41) Methacrylonitrile	7.49	41	95406	47.003	ug/l	97
42) 1,2-Dichloroethane	8.40	62	356566	53.327	ug/l	99
43) Isopropyl Acetate	8.43	43	224670	34.972	ug/l #	92
44) Trichloroethene	9.09	130	312005	47.138	ug/l	98
45) 1,2-Dichloropropane	9.37	63	335440	52.592	ug/l	99
46) Dibromomethane	9.46	93	167317	52.951	ug/l	99
47) Bromodichloromethane	9.65	83	389951	51.674	ug/l	100
48) Methyl methacrylate	9.44	41	199588	66.209	ug/l	97
49) 1,4-Dioxane	9.48	88	52221	1131.182	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	1256531	289.398	ug/l	100
52) Toluene	10.39	92	760791	48.649	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	372914	49.048	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	439533	48.492	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	239551	53.333	ug/l	99
56) Ethyl methacrylate	10.65	69	170868	30.364	ug/l	100
57) 1,3-Dichloropropane	10.94	76	408723	52.716	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	723848	291.811	ug/l	99
59) 2-Hexanone	10.98	43	799183	271.654	ug/l	100
60) Dibromochloromethane	11.13	129	259024	51.401	ug/l	100
61) 1,2-Dibromoethane	11.24	107	218472	50.885	ug/l	99
64) Tetrachloroethene	10.87	164	264319	52.820	ug/l	100
65) Chlorobenzene	11.66	112	767058	48.672	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	290781	54.645	ug/l	99
67) Ethyl Benzene	11.74	91	1334444	49.947	ug/l	99
68) m/p-Xylenes	11.85	106	1038950	99.952	ug/l	100
69) o-Xylene	12.17	106	496720	51.620	ug/l	99
70) Styrene	12.19	104	784221	48.517	ug/l	99
71) Bromoform	12.35	173	152325	54.234	ug/l #	99
73) Isopropylbenzene	12.47	105	1227532	58.455	ug/l	99
74) N-amyl acetate	12.28	43	70184	17.142	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	278794	71.668	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	337054	123.870	ug/l #	100
77) Bromobenzene	12.75	156	292181	57.483	ug/l	98
78) n-propylbenzene	12.81	91	1354725	52.867	ug/l	100
79) 2-Chlorotoluene	12.90	91	815433	55.207	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	989316	55.454	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	74368	63.524	ug/l	98
82) 4-Chlorotoluene	12.99	91	828254	52.776	ug/l	99
83) tert-Butylbenzene	13.21	119	808578	52.989	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1009019	54.973	ug/l	100
85) sec-Butylbenzene	13.39	105	1027200	45.088	ug/l	99
86) p-Isopropyltoluene	13.51	119	896346	45.218	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	493071	47.691	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	486714	47.095	ug/l	99
89) n-Butylbenzene	13.83	91	647846	33.802	ug/l	99
90) Hexachloroethane	14.10	117	166831	46.172	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	459512	49.483	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	41296	67.925	ug/l	99

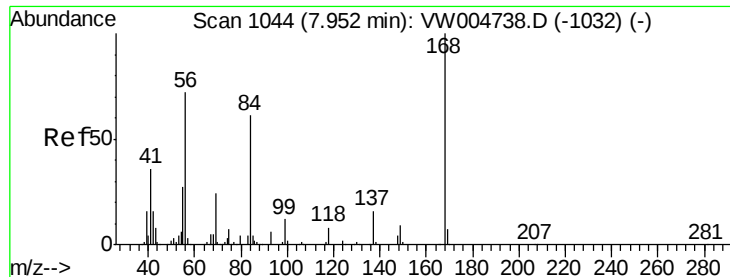
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	197448	30.062	ug/l	99
94) Hexachlorobutadiene	15.24	225	82106	20.366	ug/l	98
95) Naphthalene	15.38	128	509906	40.764	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	177523	30.479	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

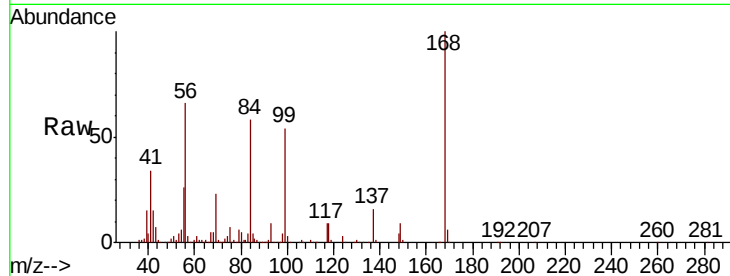
LSB-07(0-1)MSD

Tgt Ion:168 Resp: 594039

Ion Ratio Lower Upper

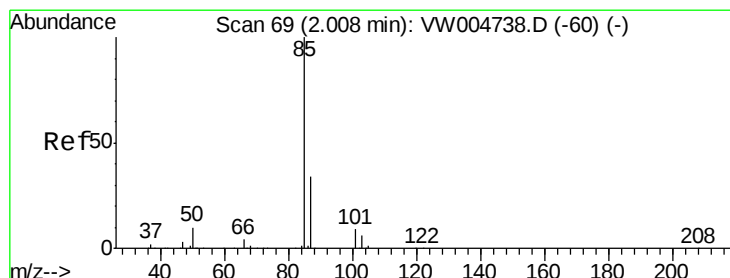
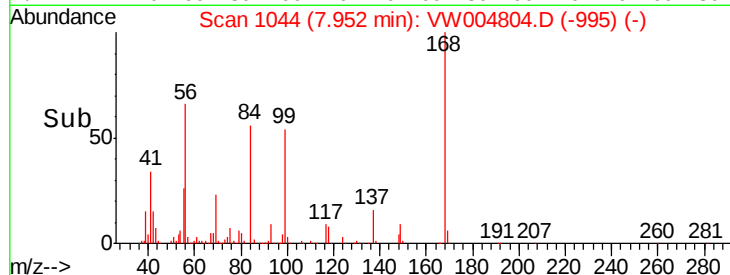
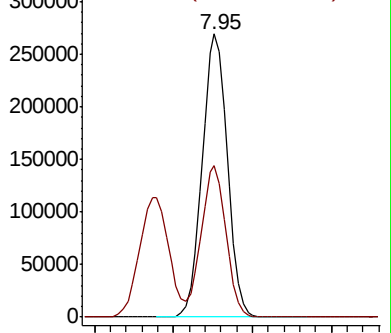
168 100

99 53.7 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 47.608 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004804.D

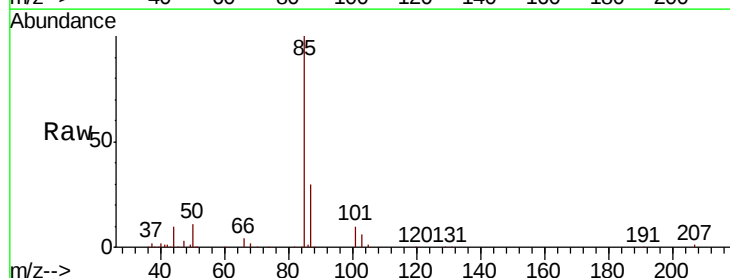
Acq: 20 Aug 2018 20:53

Tgt Ion: 85 Resp: 187333

Ion Ratio Lower Upper

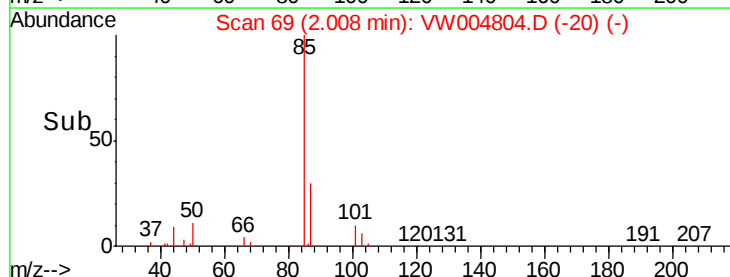
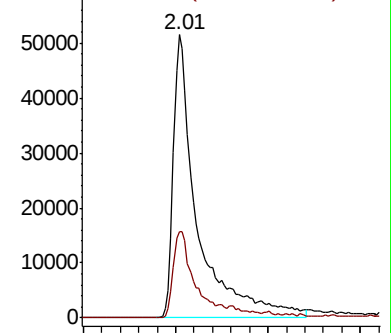
85 100

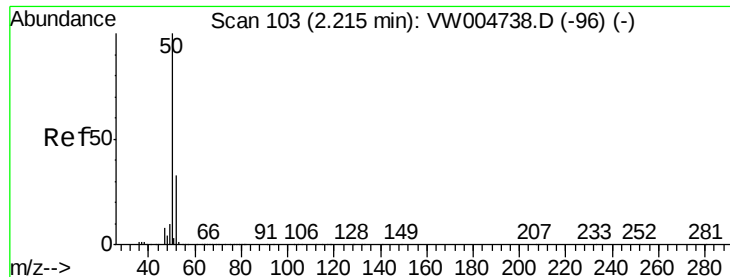
87 30.4 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 43.922 ug/l

RT: 2.22 min Scan# 103

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

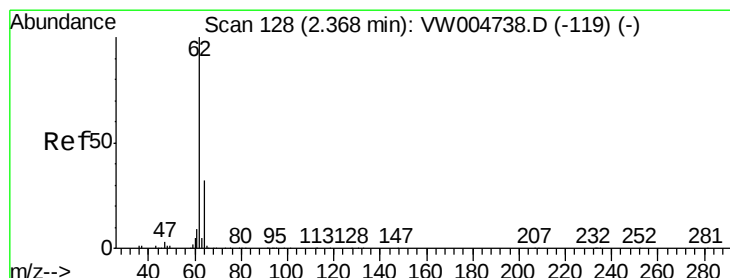
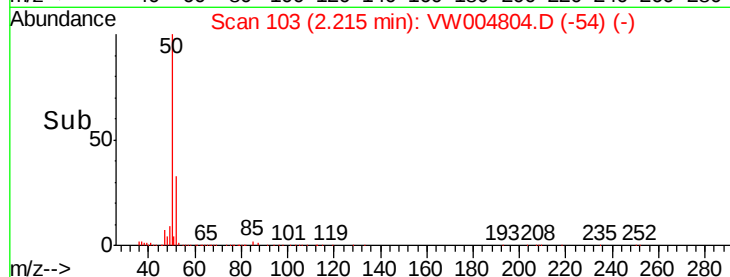
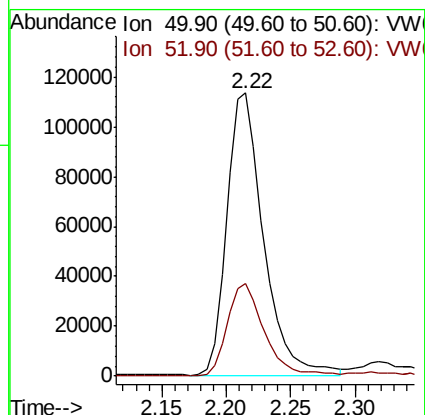
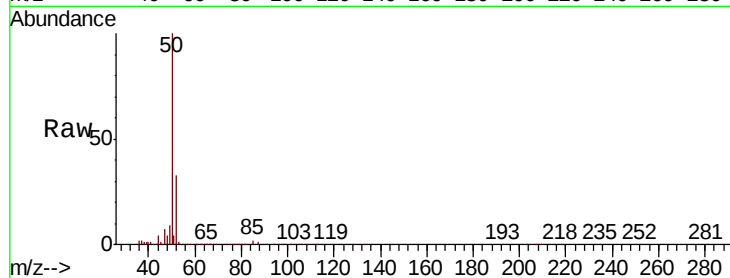
LSB-07(0-1)MSD

Tgt Ion: 50 Resp: 225965

Ion Ratio Lower Upper

50 100

52 32.8 26.7 40.1



#4

Vinyl Chloride

Concen: 51.463 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004804.D

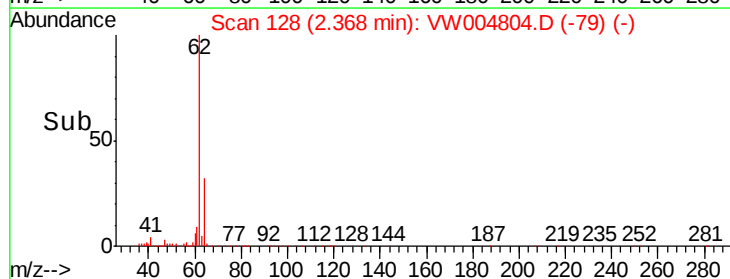
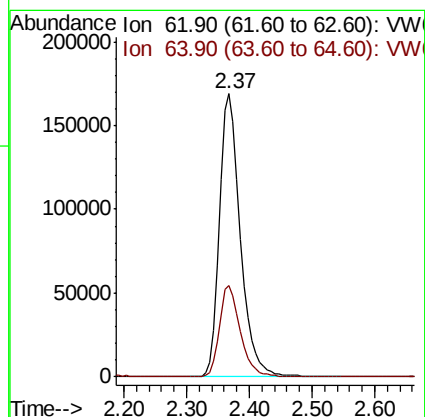
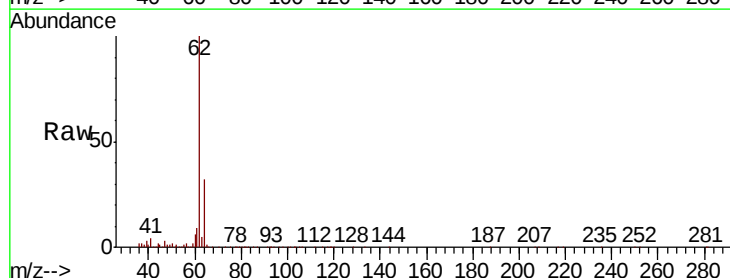
Acq: 20 Aug 2018 20:53

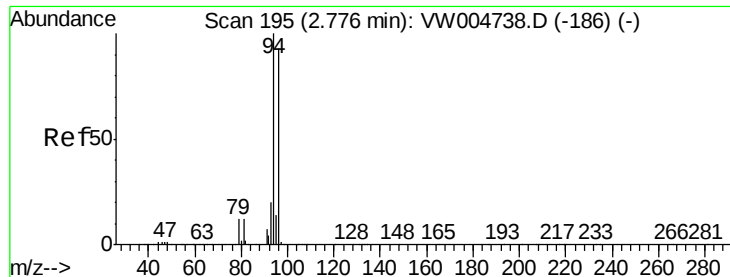
Tgt Ion: 62 Resp: 389719

Ion Ratio Lower Upper

62 100

64 32.3 25.2 37.8





#5

Bromomethane

Concen: 46.422 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

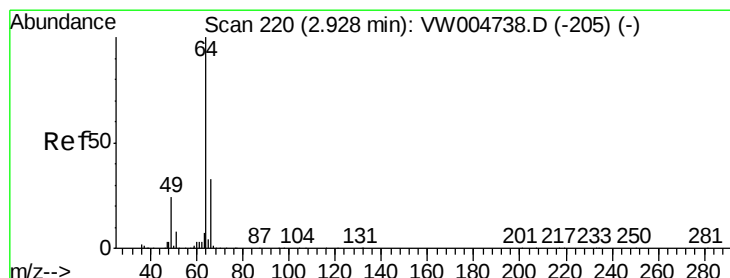
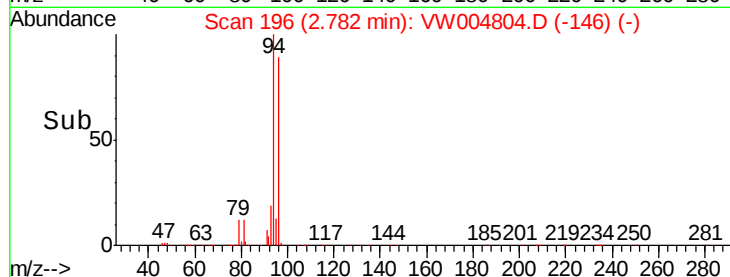
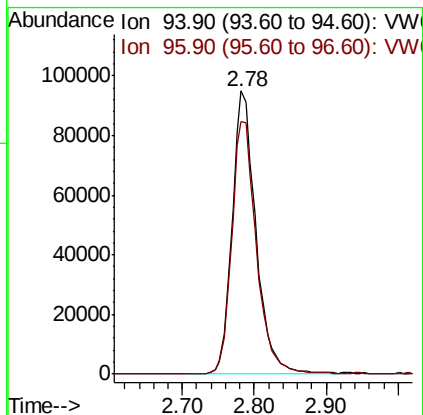
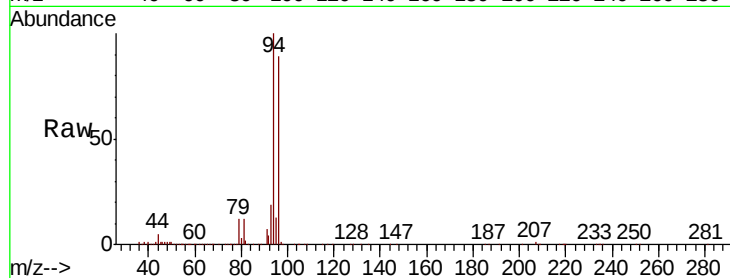
LSB-07(0-1)MSD

Tgt Ion: 94 Resp: 217109

Ion Ratio Lower Upper

94 100

96 89.2 74.3 111.5



#6

Chloroethane

Concen: 52.752 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VW004804.D

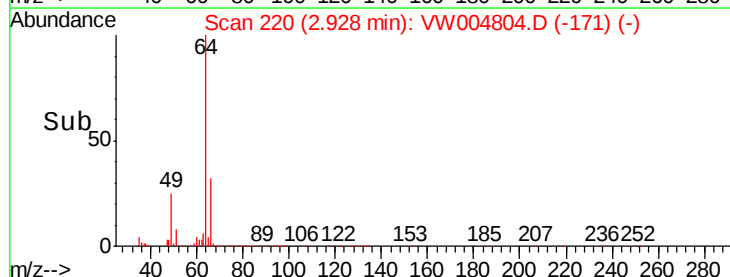
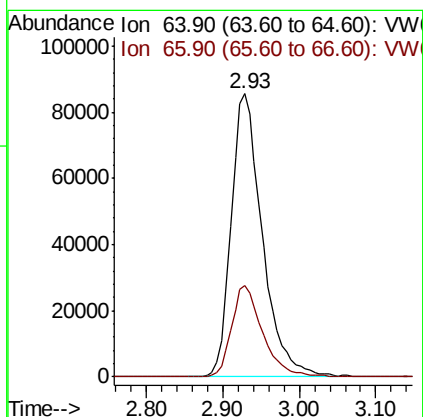
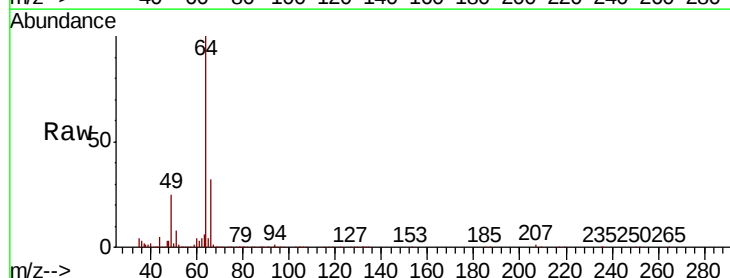
Acq: 20 Aug 2018 20:53

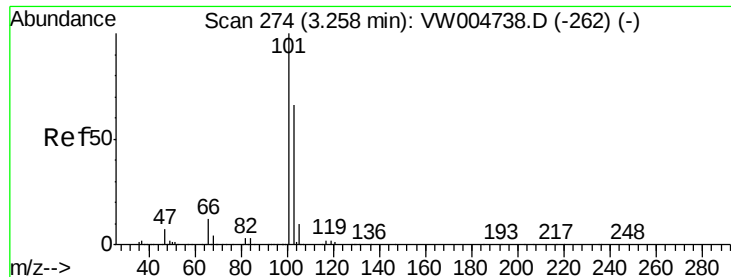
Tgt Ion: 64 Resp: 241043

Ion Ratio Lower Upper

64 100

66 32.1 26.1 39.1



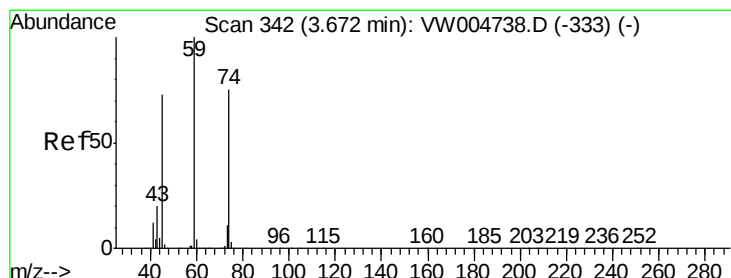
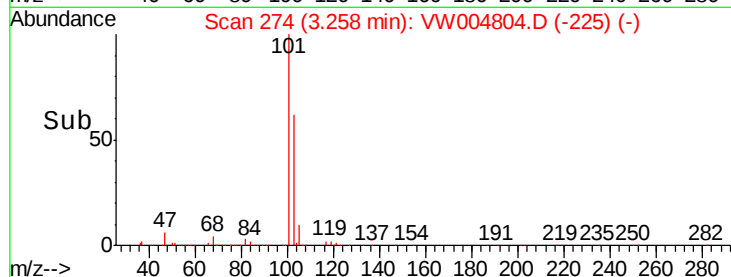
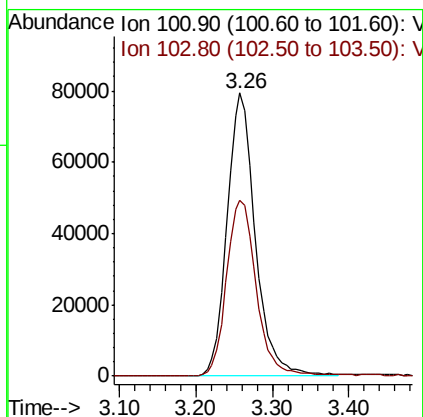
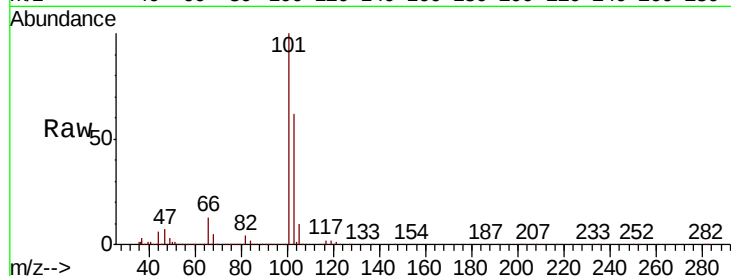


#7

Trichlorofluoromethane
 Concen: 56.913 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.00 min
 Lab File: VW004804.D
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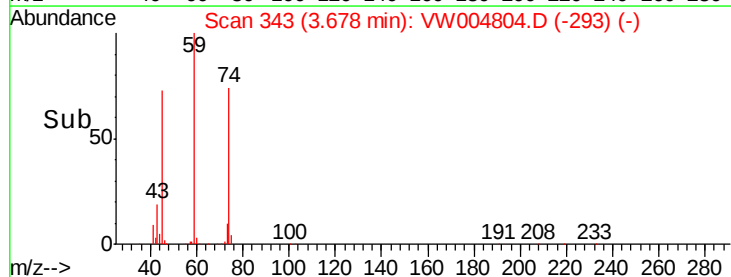
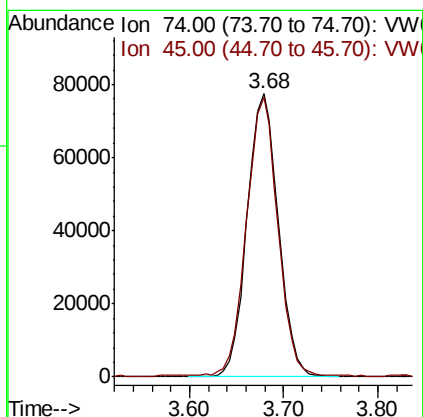
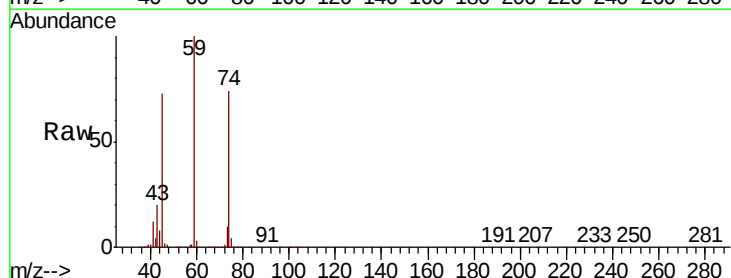
Tgt Ion: 101 Resp: 203040
 Ion Ratio Lower Upper
 101 100
 103 62.2 52.5 78.7

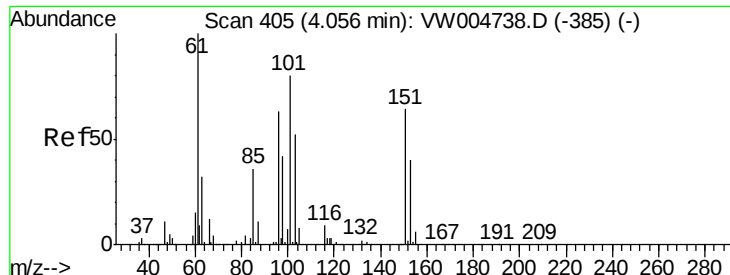


#8

Diethyl Ether
 Concen: 56.000 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

Tgt Ion: 74 Resp: 180632
 Ion Ratio Lower Upper
 74 100
 45 97.7 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.956 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MSD

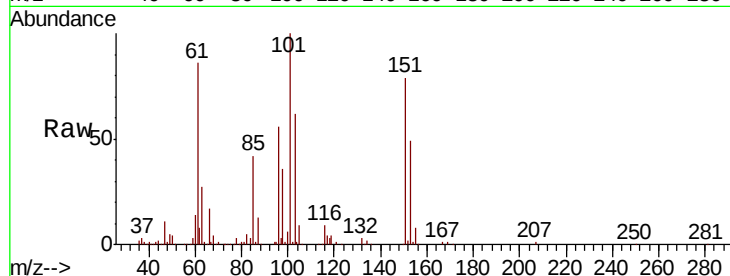
Tgt Ion:101 Resp: 300749

Ion Ratio Lower Upper

101 100

85 42.2 33.9 50.9

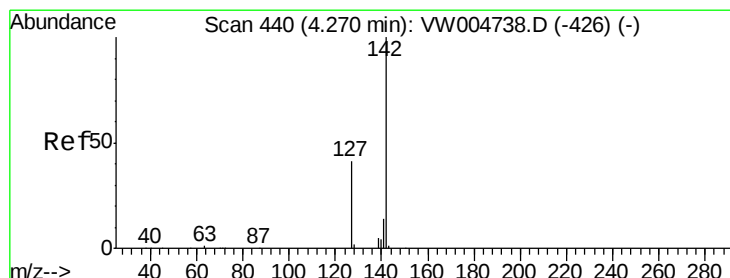
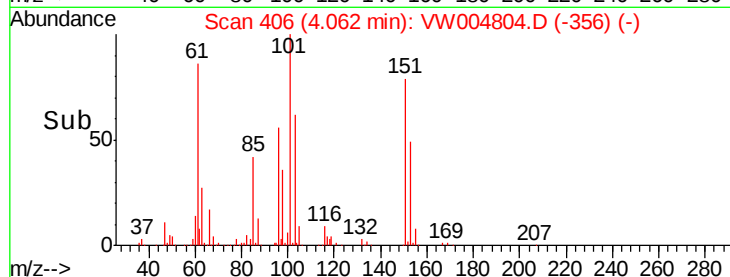
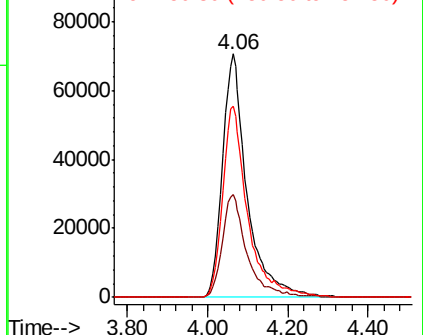
151 79.8 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.470 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.01 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

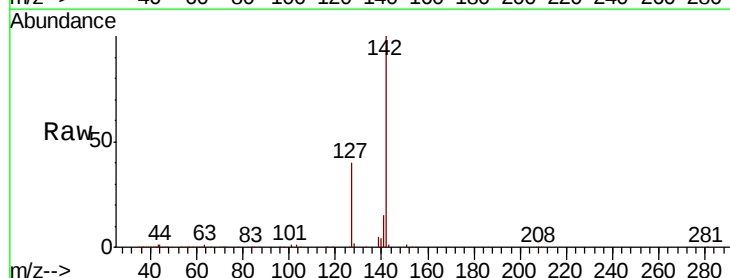
Tgt Ion:142 Resp: 414892

Ion Ratio Lower Upper

142 100

127 39.6 32.1 48.1

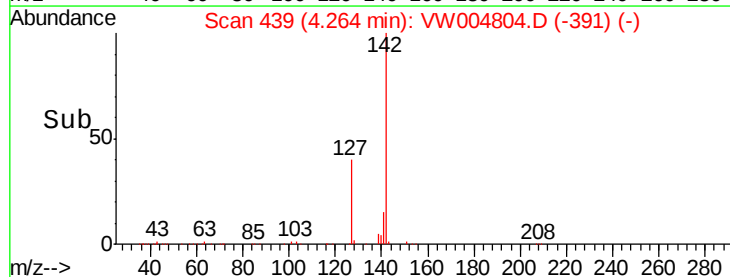
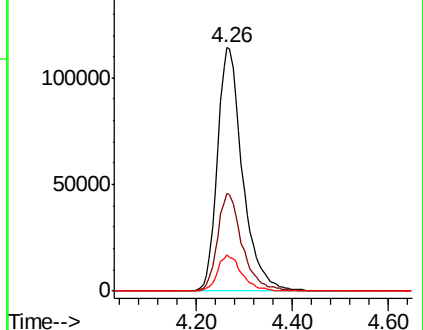
141 14.5 11.7 17.5

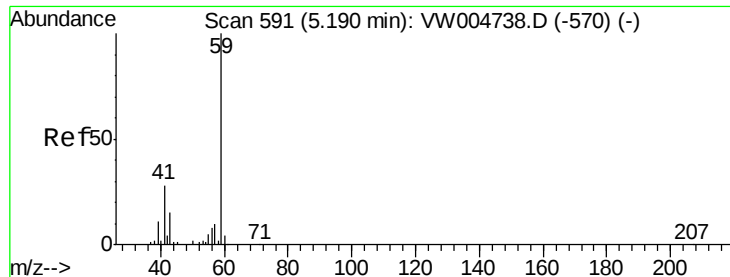


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



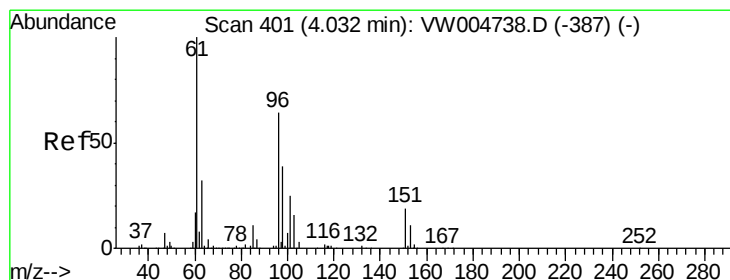
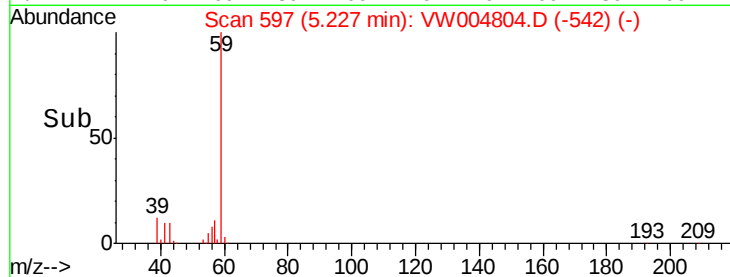
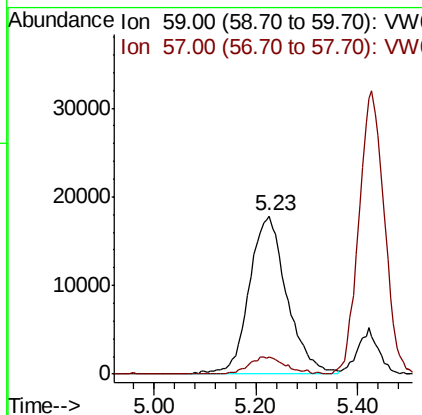
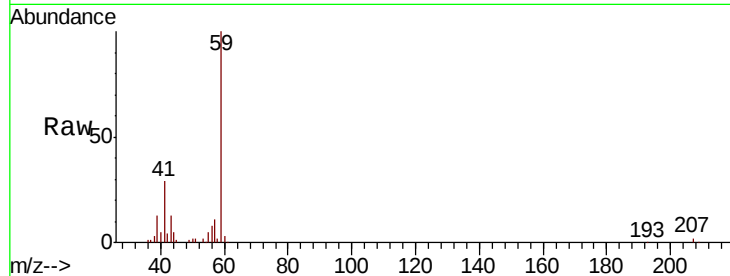


#11

Tert butyl alcohol
 Concen: 283.707 ug/l
 RT: 5.23 min Scan# 597
 Delta R.T. 0.04 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MSD

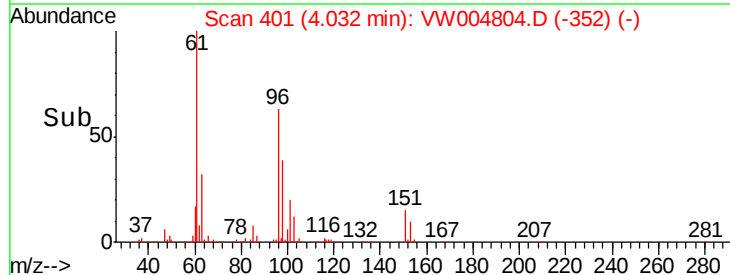
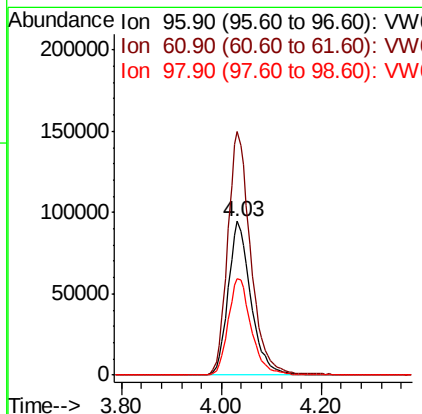
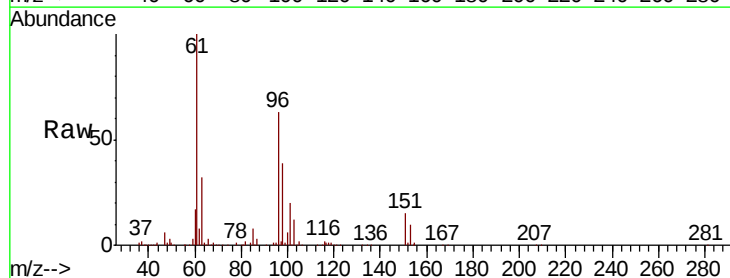
Tgt Ion: 59 Resp: 91030
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.4 12.6

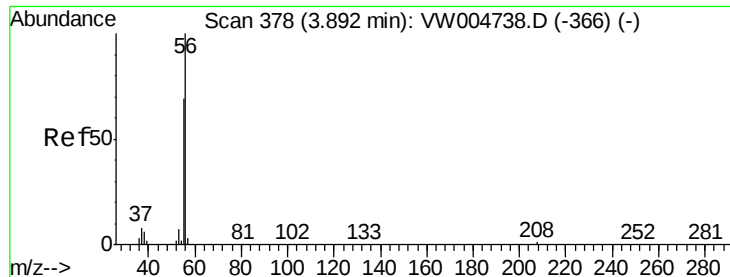


#12

1,1-Dichloroethene
 Concen: 48.908 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

Tgt Ion: 96 Resp: 299399
 Ion Ratio Lower Upper
 96 100
 61 158.8 125.6 188.4
 98 62.6 49.4 74.0





#13

Acrolein

Concen: 82.023 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

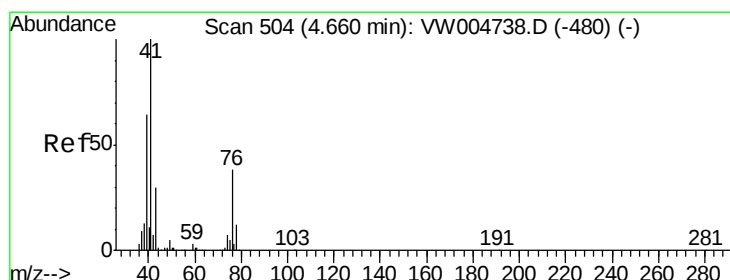
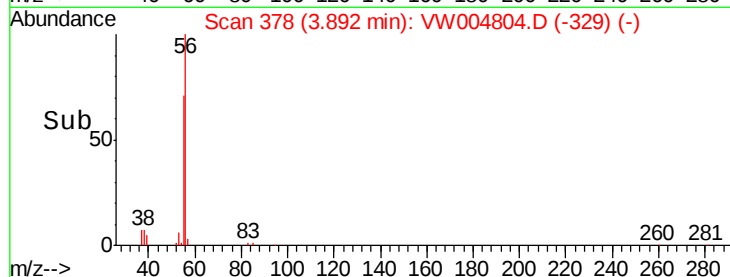
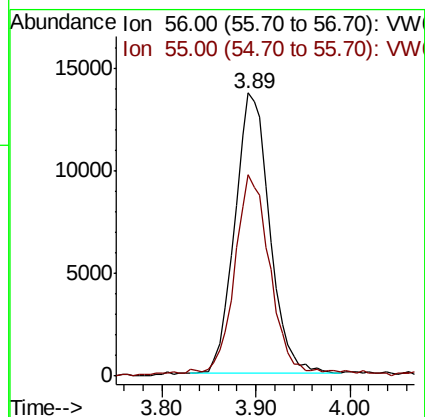
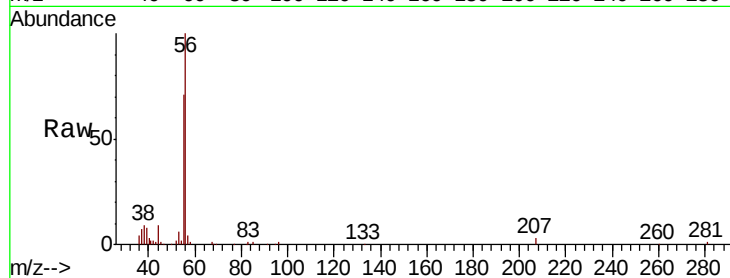
LSB-07(0-1)MSD

Tgt Ion: 56 Resp: 35317

Ion Ratio Lower Upper

56 100

55 69.8 56.1 84.1



#14

Allyl chloride

Concen: 50.821 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

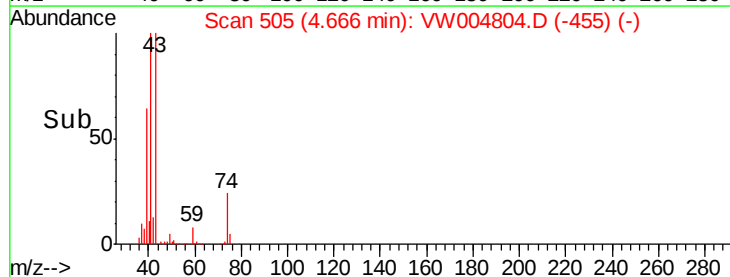
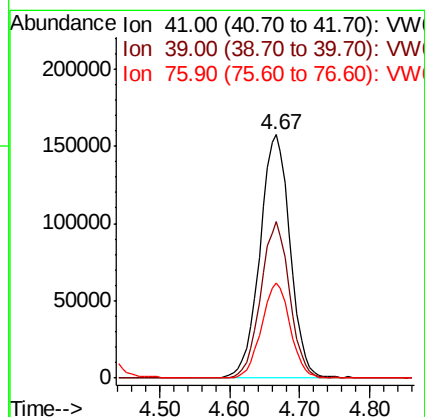
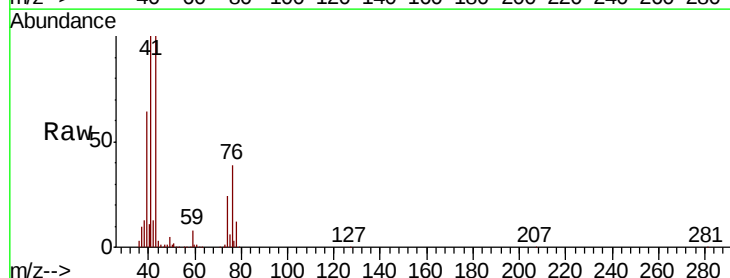
Tgt Ion: 41 Resp: 472132

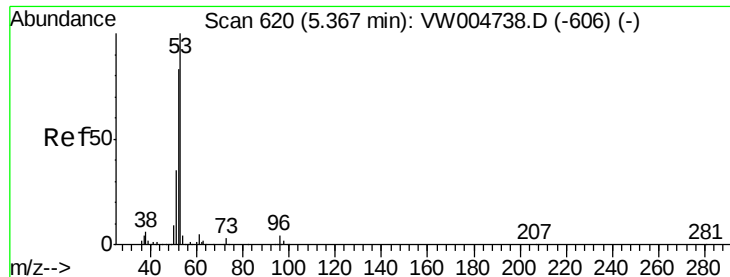
Ion Ratio Lower Upper

41 100

39 61.6 50.0 75.0

76 37.4 29.8 44.6





#15

Acrylonitrile

Concen: 249.264 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.01 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MSD

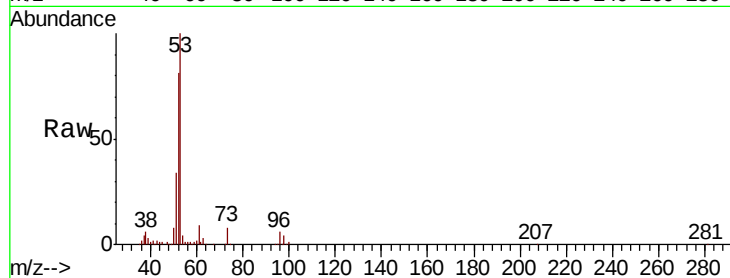
Tgt Ion: 53 Resp: 337184

Ion Ratio Lower Upper

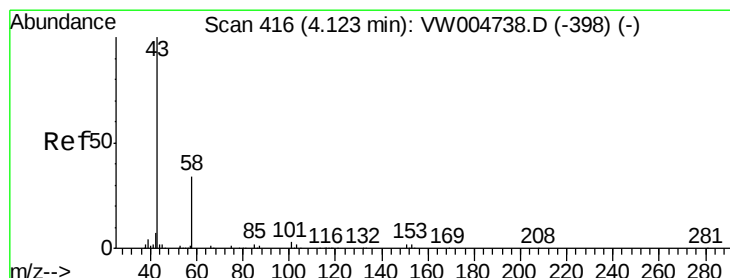
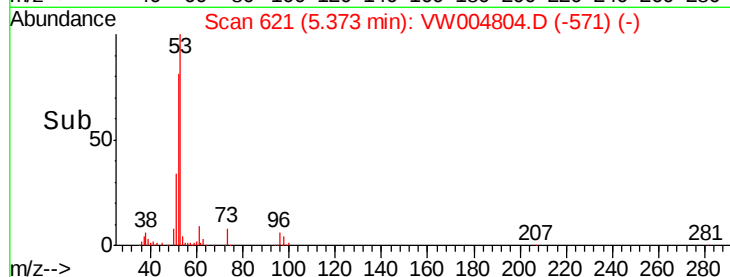
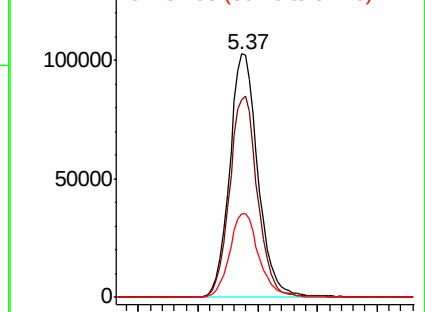
53 100

52 81.3 65.8 98.6

51 35.6 28.7 43.1



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: 287.385 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW004804.D

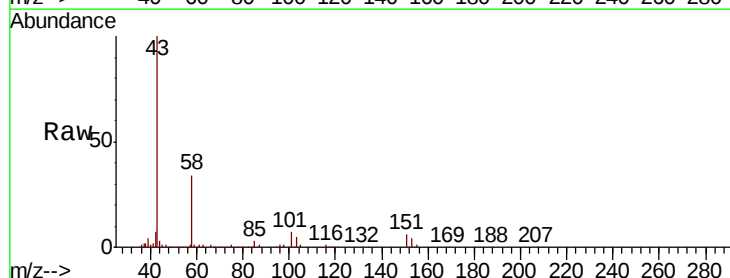
Acq: 20 Aug 2018 20:53

Tgt Ion: 43 Resp: 421332

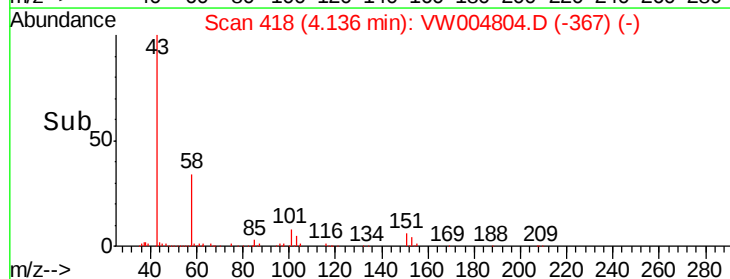
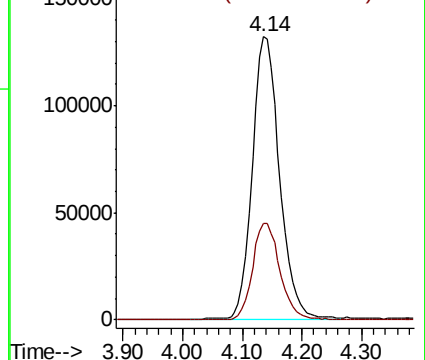
Ion Ratio Lower Upper

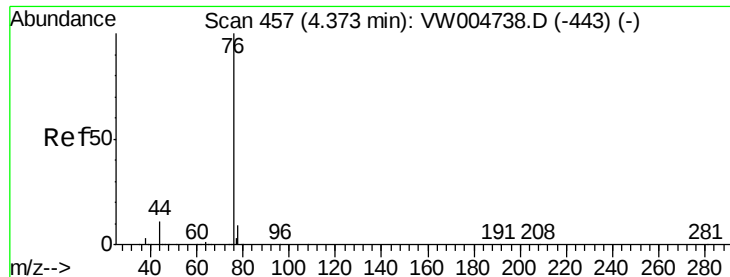
43 100

58 33.7 27.3 40.9



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

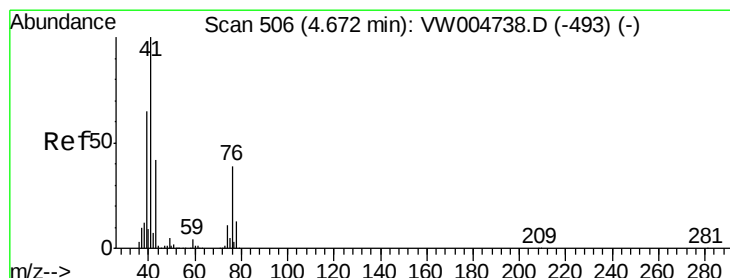
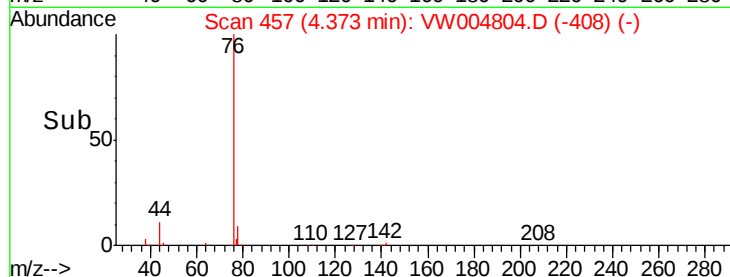
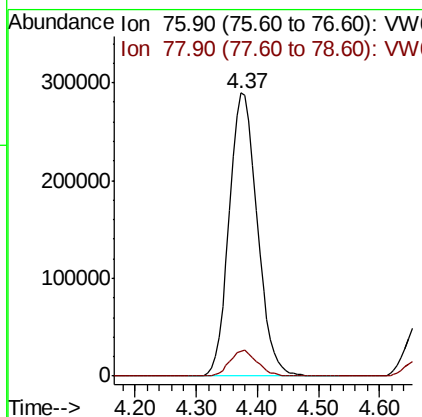
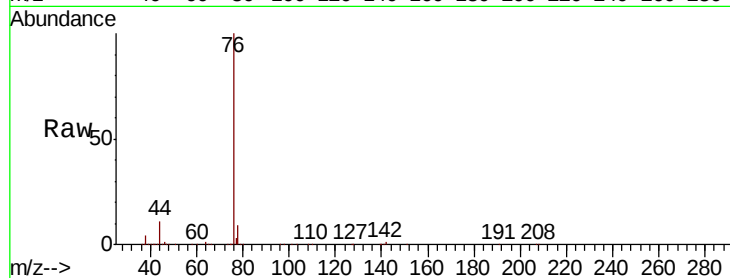




#17
Carbon Disulfide
Concen: 45.787 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

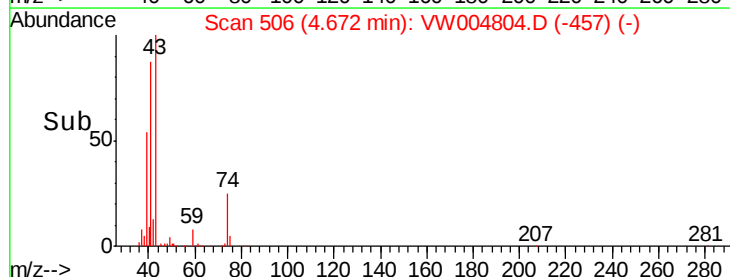
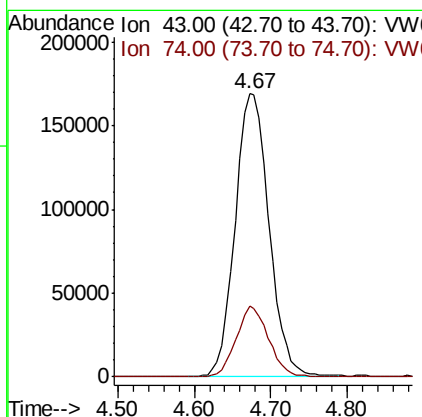
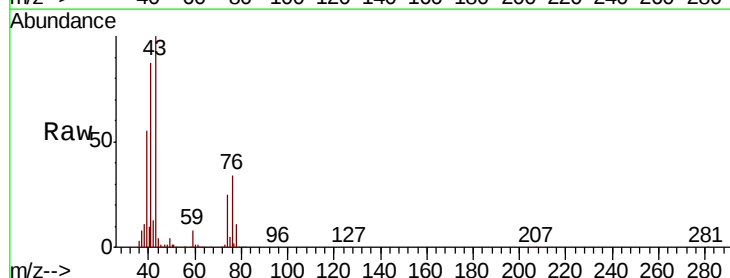
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MSD

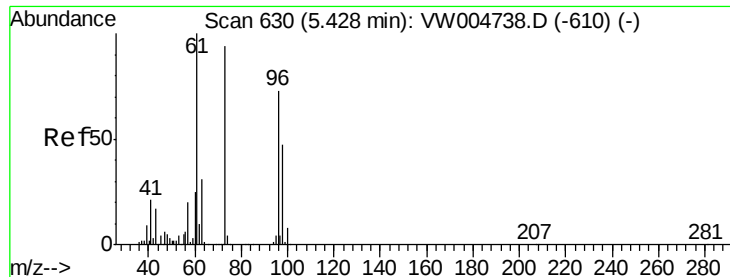
Tgt Ion: 76 Resp: 921141
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 164.861 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

Tgt Ion: 43 Resp: 517954
Ion Ratio Lower Upper
43 100
74 24.1 19.8 29.8

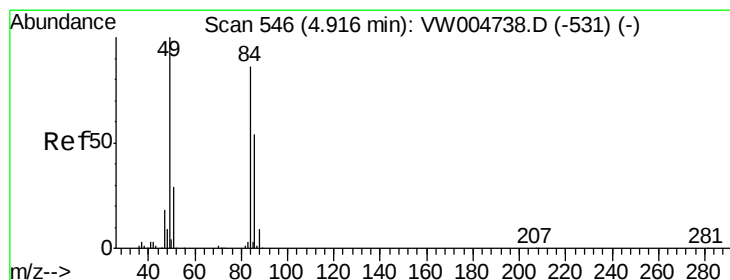
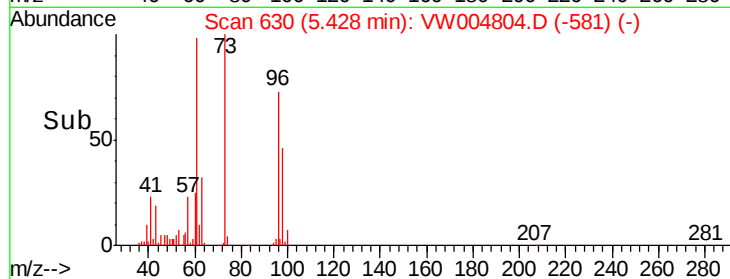
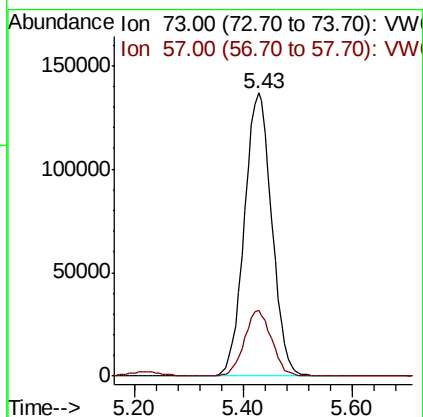
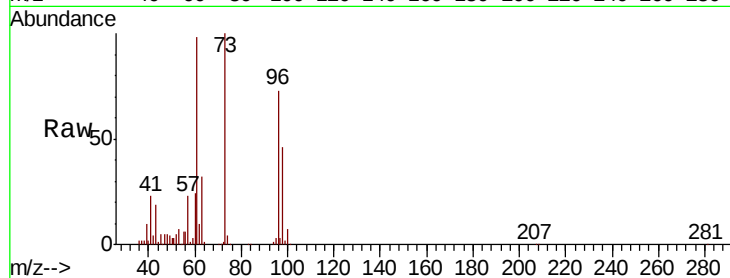




#19
Methyl tert-butyl Ether
Concen: 60.060 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

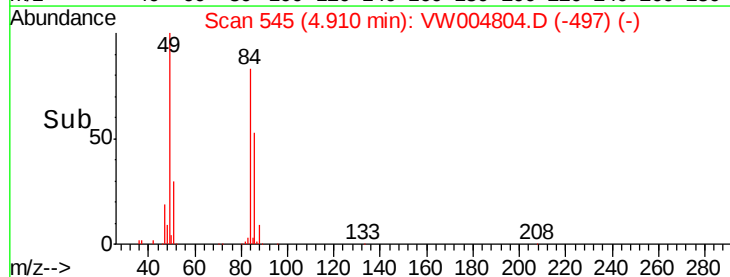
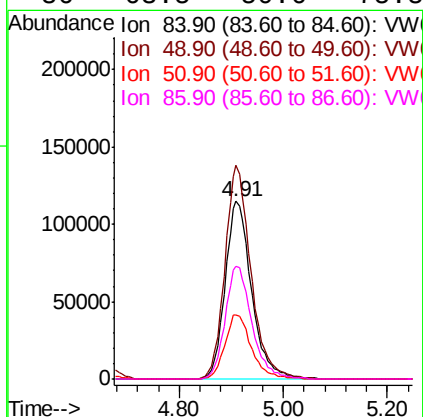
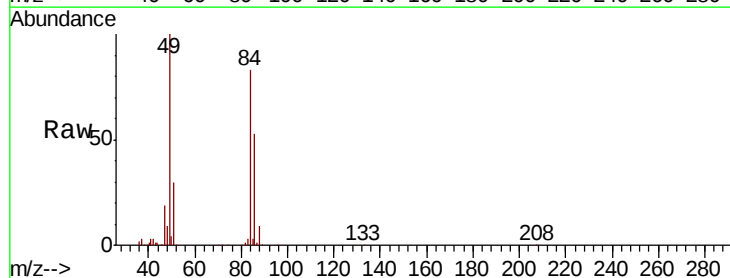
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MSD

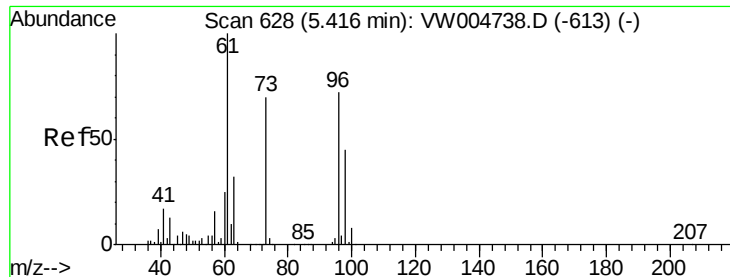
Tgt Ion: 73 Resp: 477272
Ion Ratio Lower Upper
73 100
57 23.4 17.3 25.9



#20
Methylene Chloride
Concen: 62.193 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

Tgt Ion: 84 Resp: 409272
Ion Ratio Lower Upper
84 100
49 120.2 93.2 139.8
51 36.4 27.4 41.0
86 63.5 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 48.929 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MSD

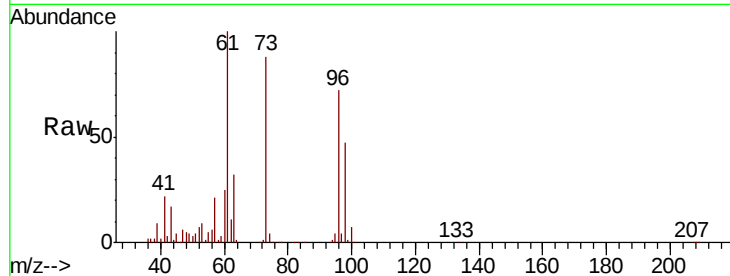
Tgt Ion: 96 Resp: 318697

Ion Ratio Lower Upper

96 100

61 138.8 111.4 167.0

98 64.8 49.7 74.5

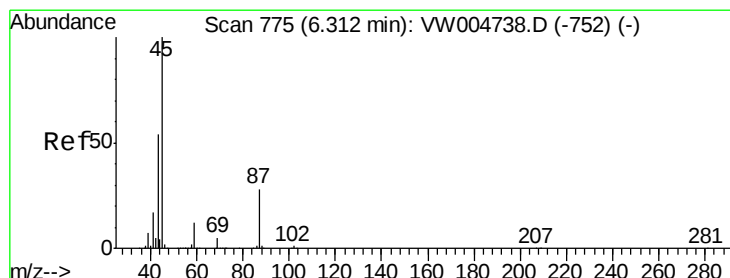
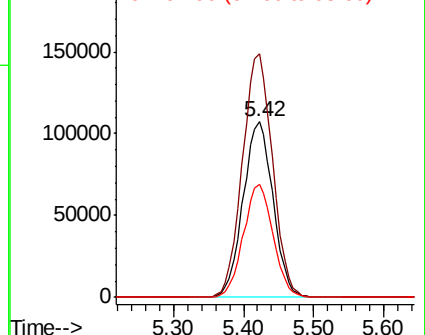
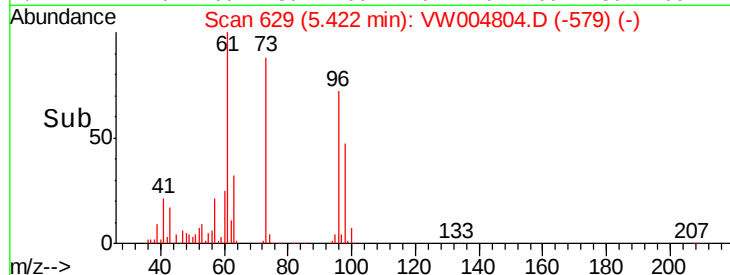


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 54.634 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.01 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Tgt Ion: 45 Resp: 975559

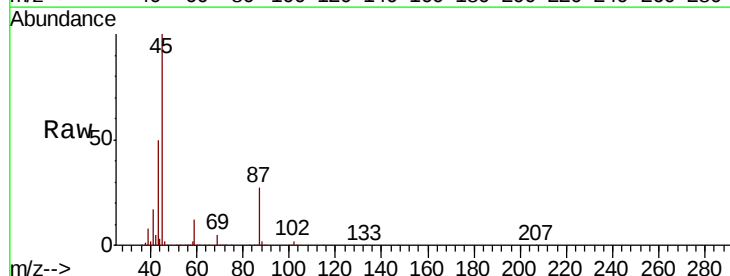
Ion Ratio Lower Upper

45 100

43 49.5 43.0 64.6

87 27.4 22.2 33.4

59 12.2 9.8 14.6



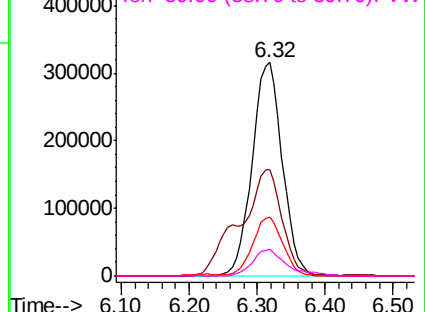
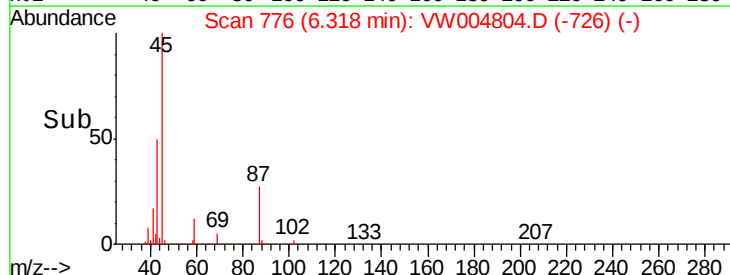
Abundance

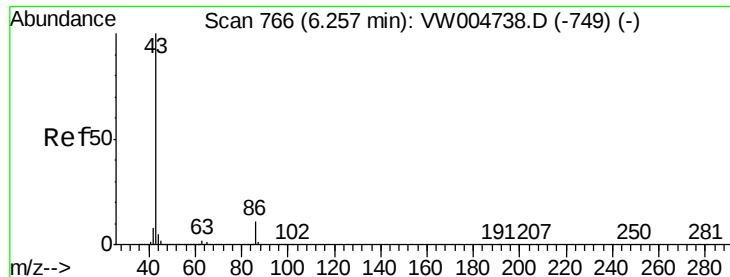
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW

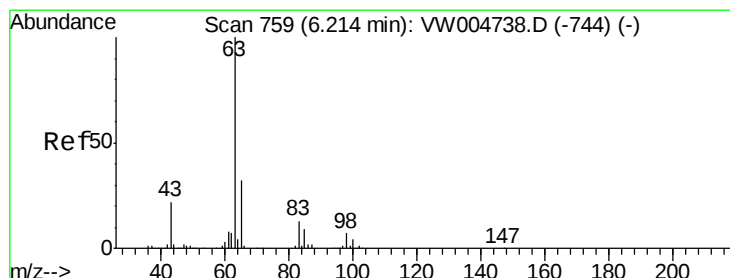
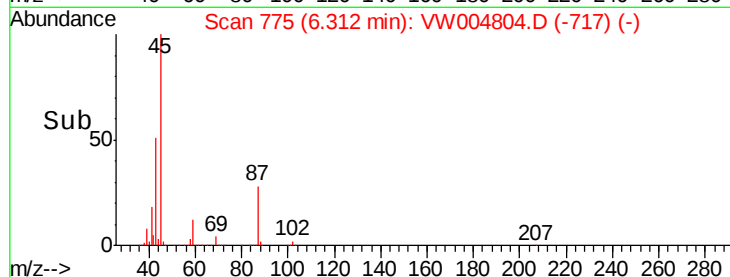
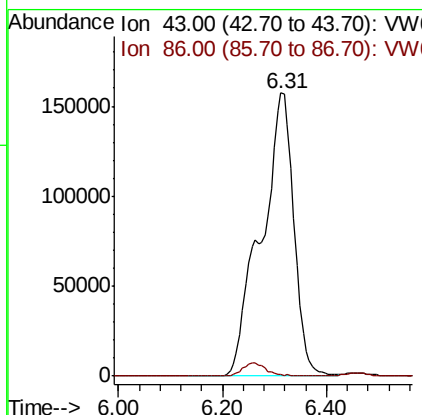
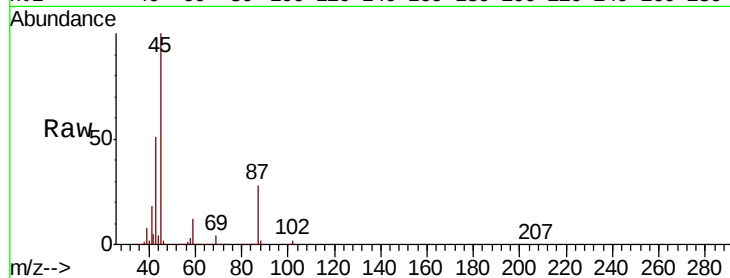




#23
 Vinyl Acetate
 Concen: 67.502 ug/l
 RT: 6.31 min Scan# 775
 Delta R.T. 0.05 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

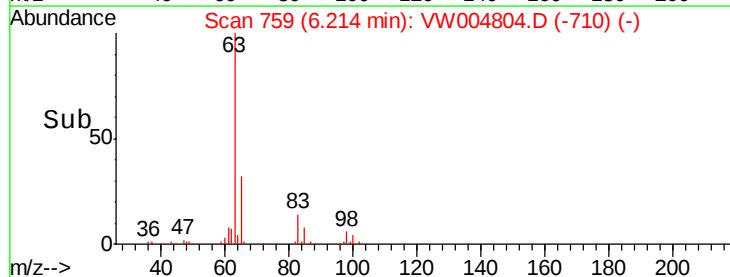
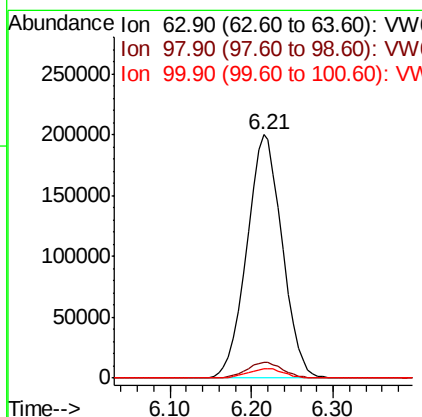
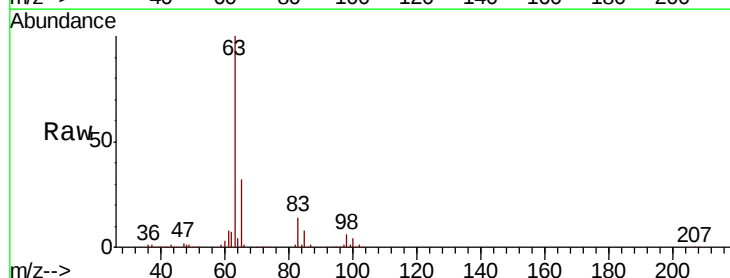
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MSD

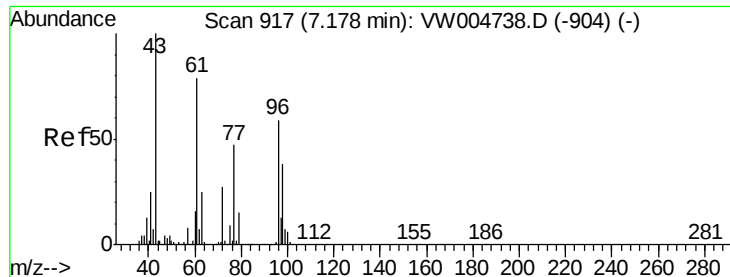
Tgt Ion: 43 Resp: 681766
 Ion Ratio Lower Upper
 43 100
 86 0.6 8.5 12.7#



#24
 1,1-Dichloroethane
 Concen: 51.831 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

Tgt Ion: 63 Resp: 601435
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 274.297 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

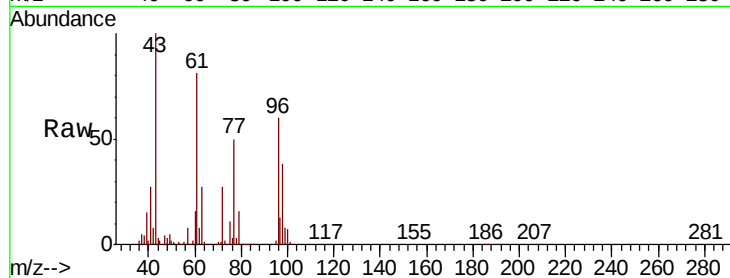
LSB-07(0-1)MSD

Tgt Ion: 43 Resp: 572978

Ion Ratio Lower Upper

43 100

72 27.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

250000

200000

150000

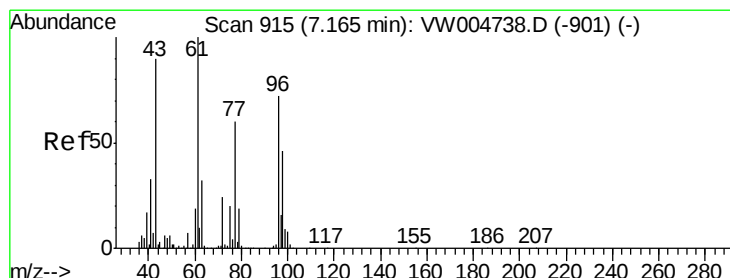
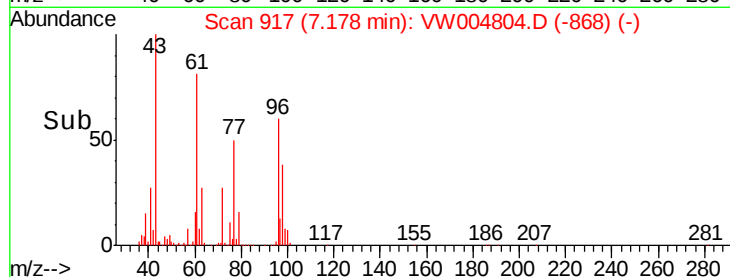
100000

50000

0

7.05 7.10 7.15 7.20 7.25

Time-->



#26

2,2-Dichloropropane

Concen: 50.261 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004804.D

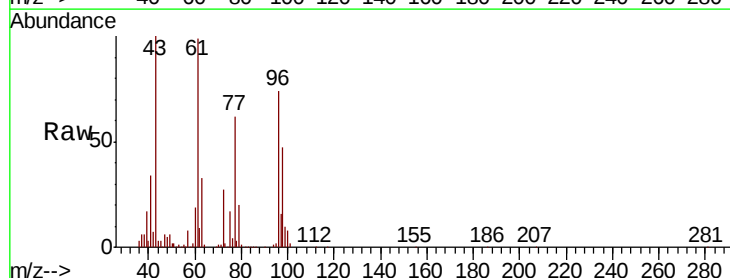
Acq: 20 Aug 2018 20:53

Tgt Ion: 77 Resp: 336858

Ion Ratio Lower Upper

77 100

97 24.9 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

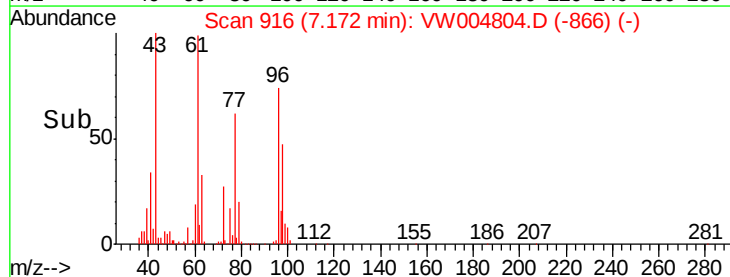
100000

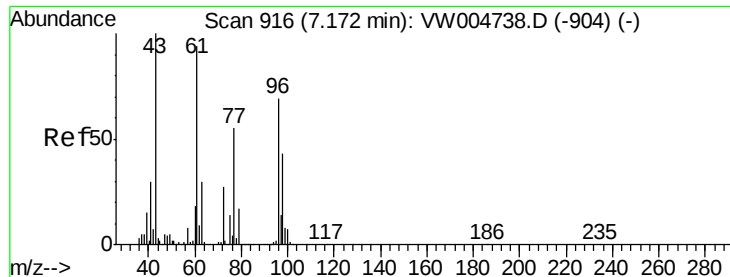
50000

0

7.00 7.10 7.20 7.30

Time-->



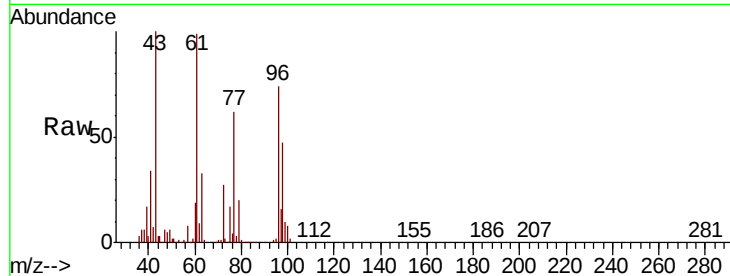


#27

cis-1,2-Dichloroethene
 Concen: 49.981 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MSD

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.5	0.0	277.6
98	64.6	0.0	127.4

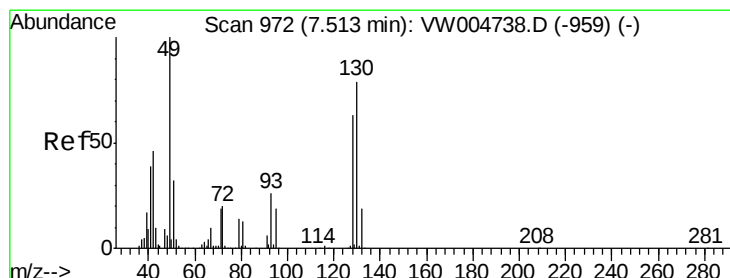
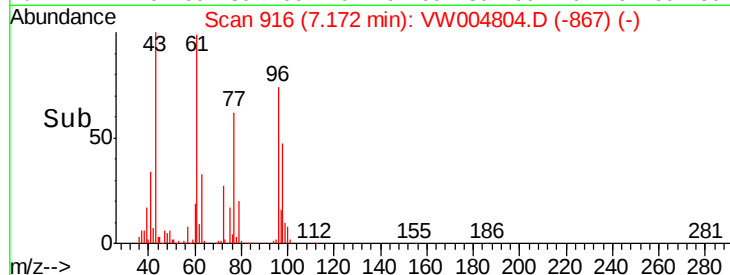
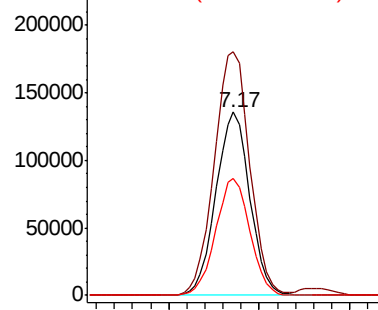


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

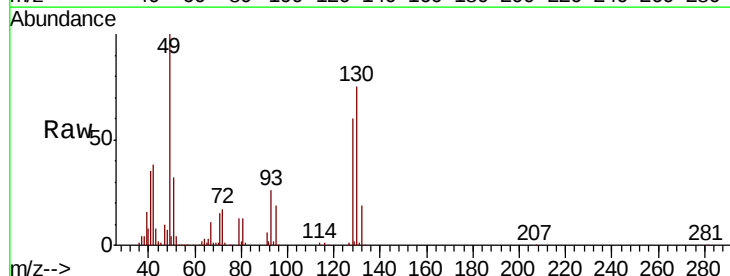
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
 Concen: 51.797 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	78.7	63.7	95.5

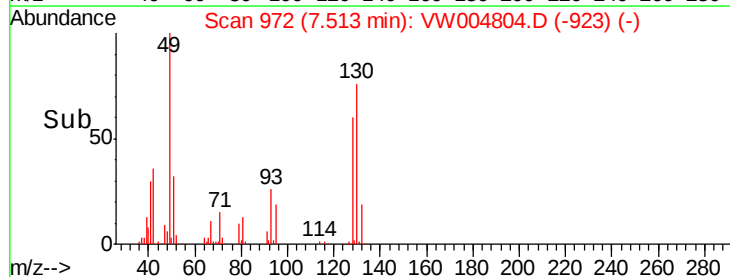
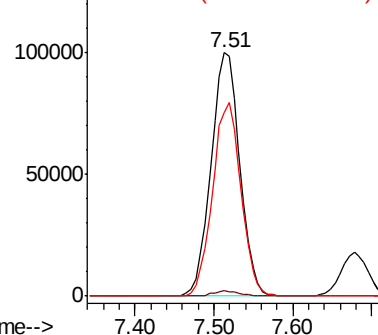


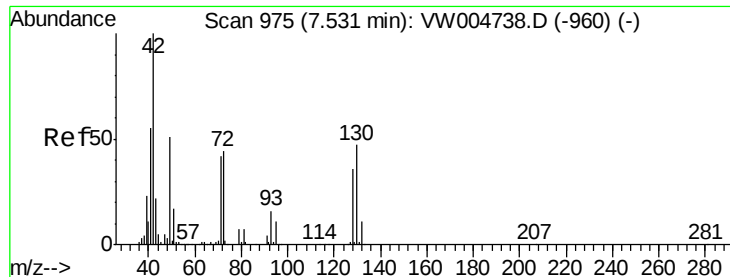
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 287.524 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.01 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MSD

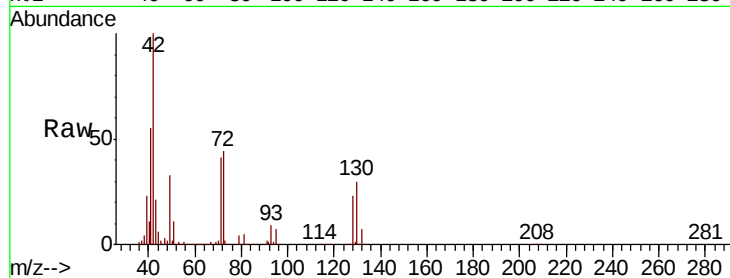
Tgt Ion: 42 Resp: 306265

Ion Ratio Lower Upper

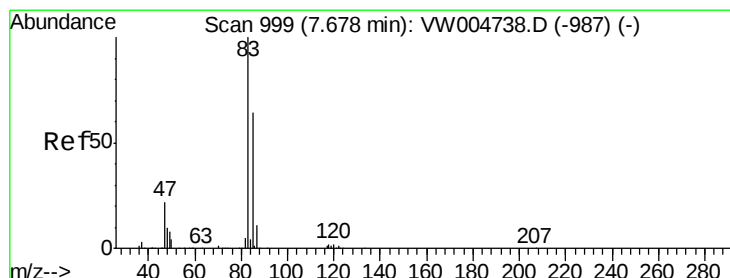
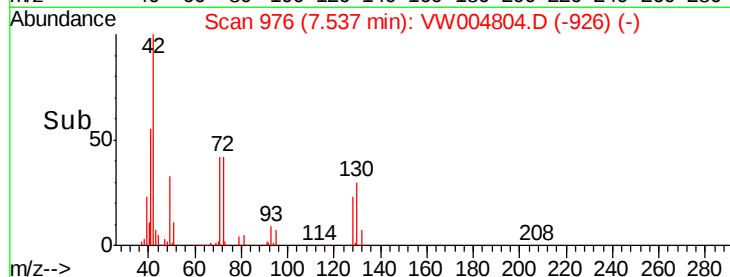
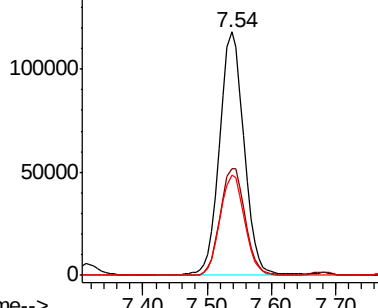
42 100

72 44.8 34.9 52.3

71 41.2 33.8 50.6



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



#30

Chloroform

Concen: 51.456 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW004804.D

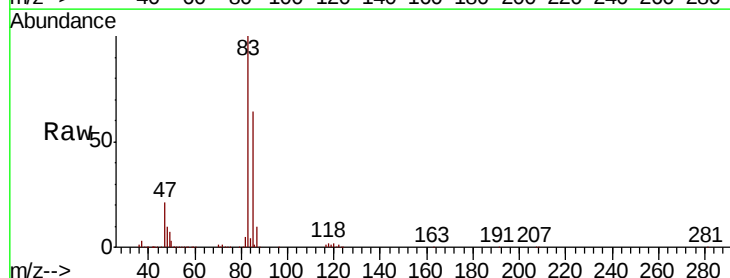
Acq: 20 Aug 2018 20:53

Tgt Ion: 83 Resp: 587221

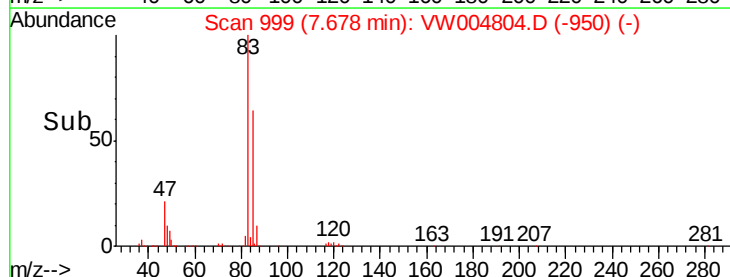
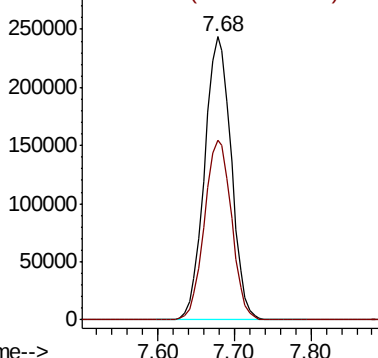
Ion Ratio Lower Upper

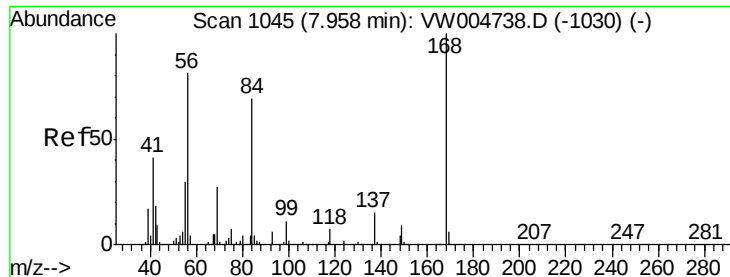
83 100

85 63.7 51.0 76.6



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

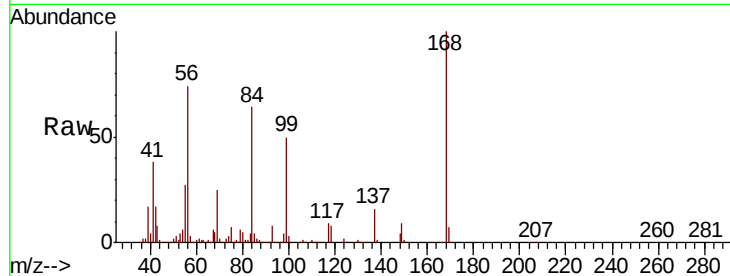




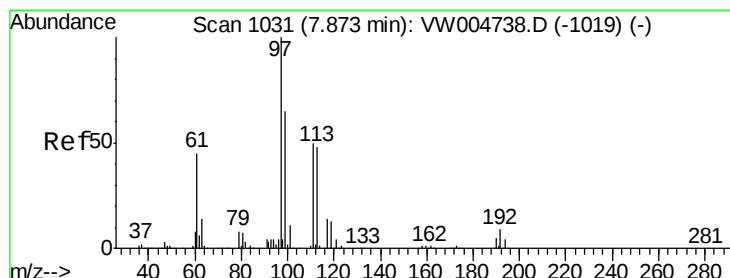
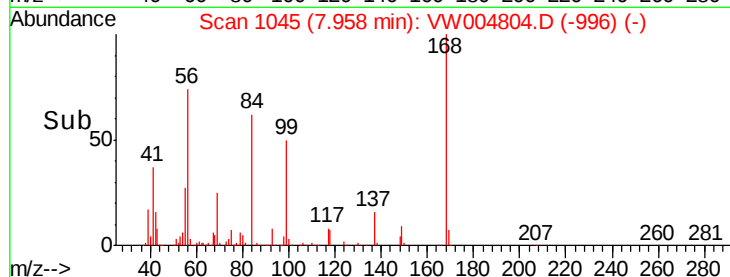
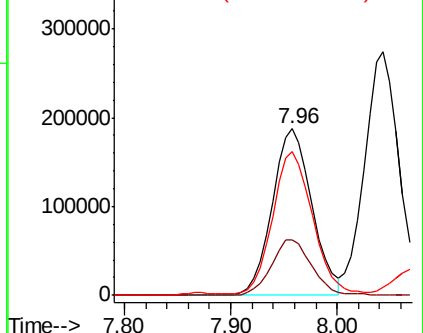
#31
Cyclohexane
Concen: 42.974 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MSD

Tgt Ion: 56 Resp: 482329
Ion Ratio Lower Upper
56 100
69 33.4 27.1 40.7
84 85.7 68.3 102.5

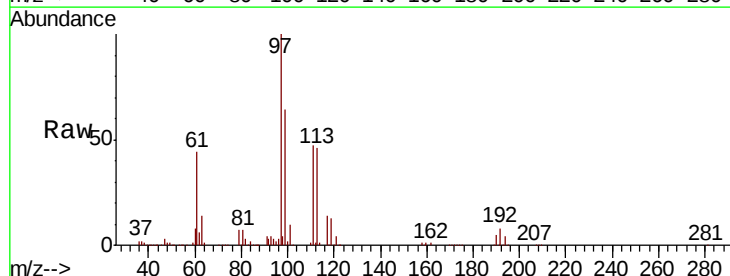


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

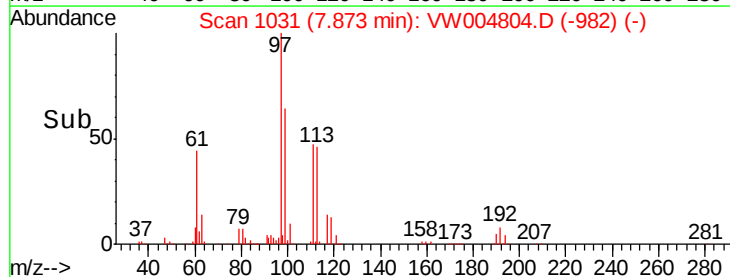
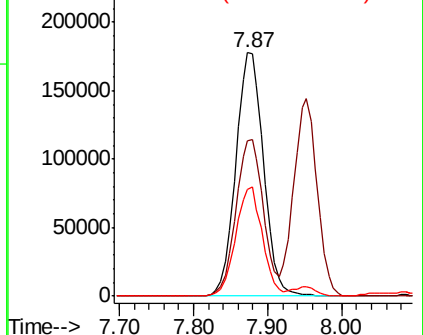


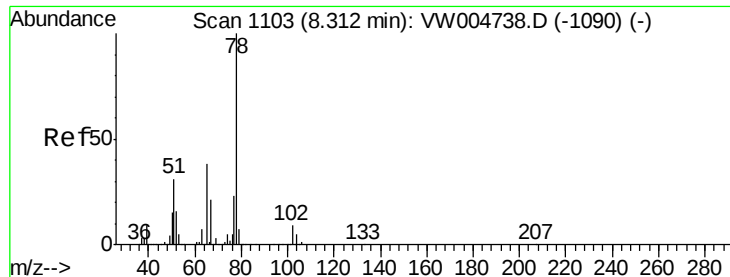
#32
1,1,1-Trichloroethane
Concen: 51.292 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

Tgt Ion: 97 Resp: 464007
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 43.2 34.4 51.6



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: 52.827 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

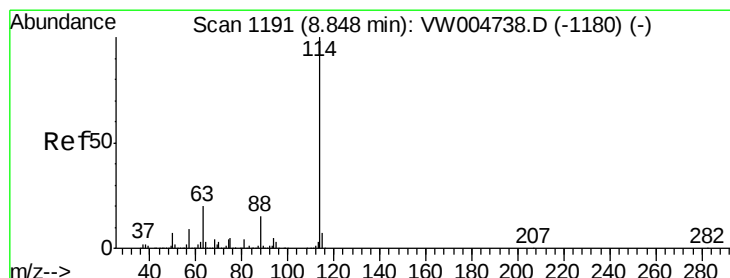
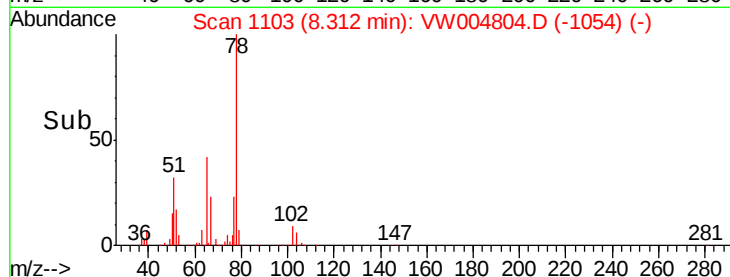
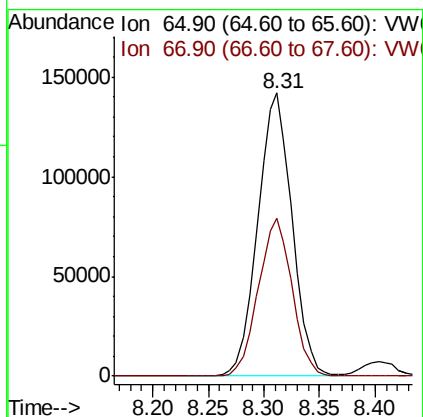
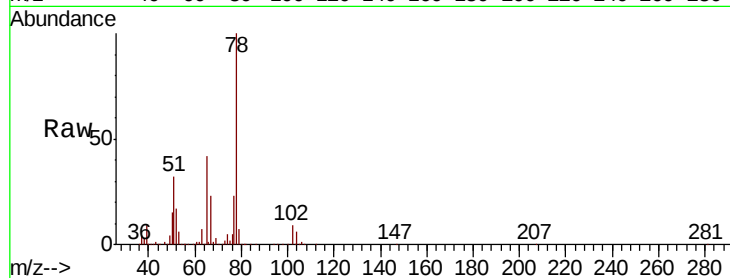
LSB-07(0-1)MSD

Tgt Ion: 65 Resp: 303393

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

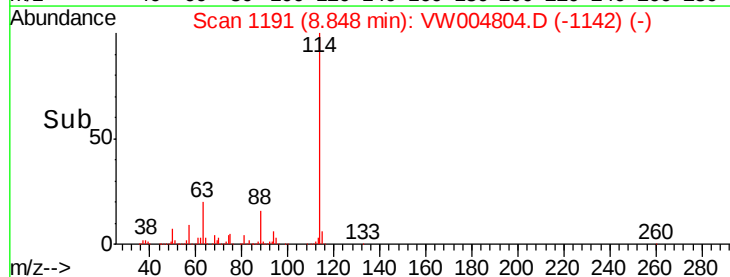
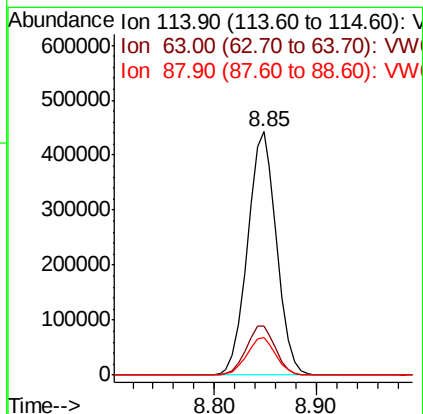
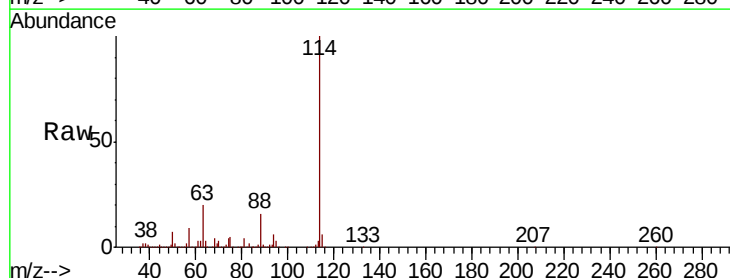
Tgt Ion: 114 Resp: 870940

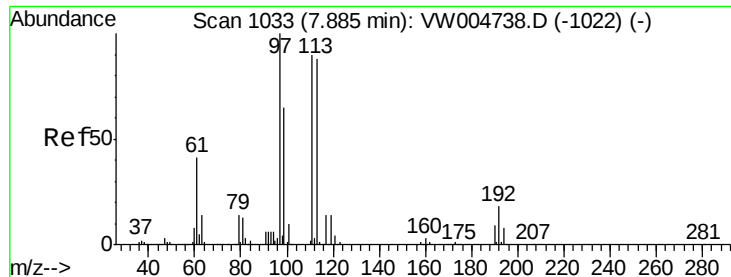
Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

88 15.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 54.673 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MSD

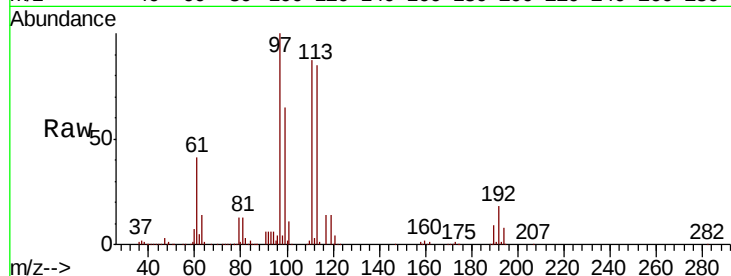
Tgt Ion: 113 Resp: 304338

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

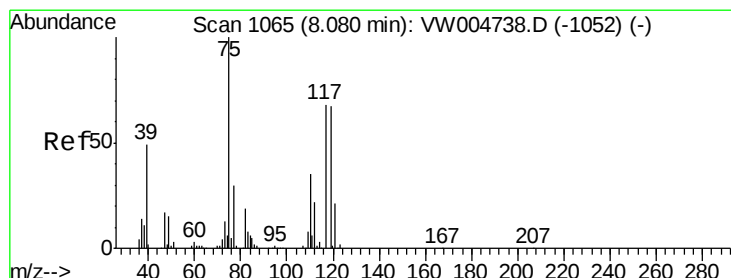
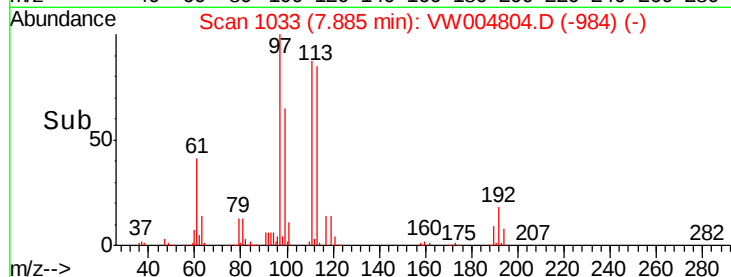
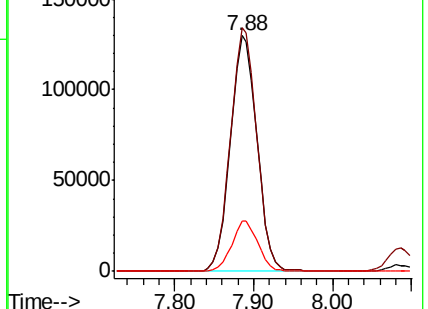
192 20.9 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.825 ug/l

RT: 8.09 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

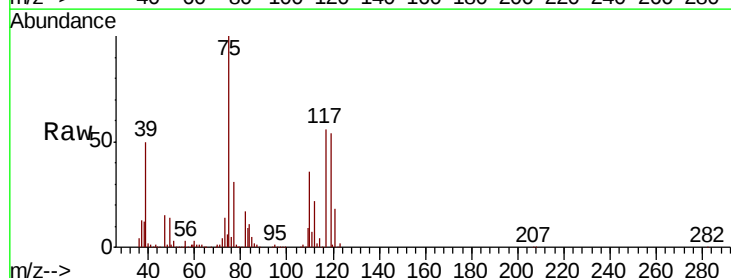
Tgt Ion: 75 Resp: 429097

Ion Ratio Lower Upper

75 100

110 35.4 17.8 53.5

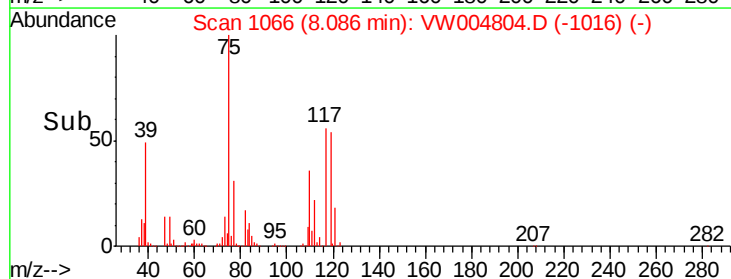
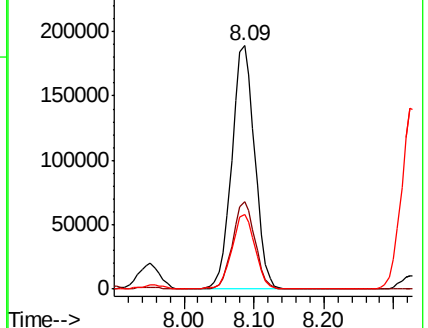
77 31.0 24.9 37.3

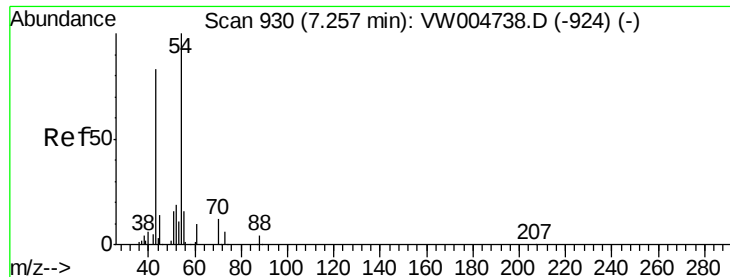


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

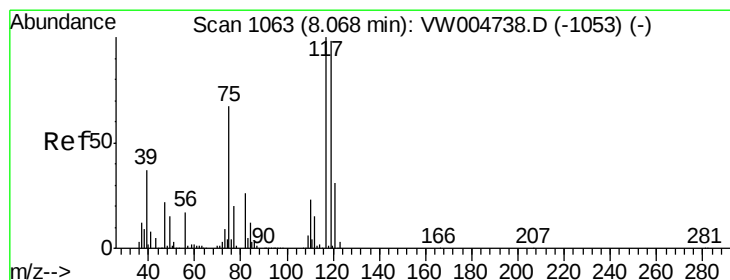
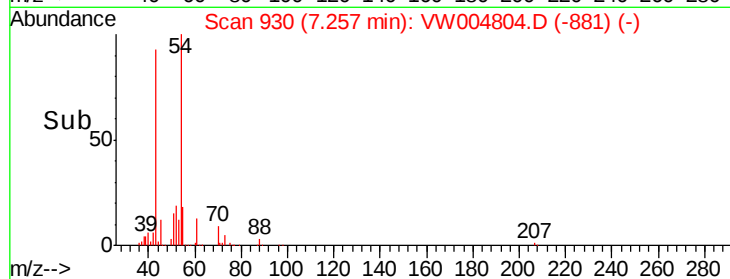
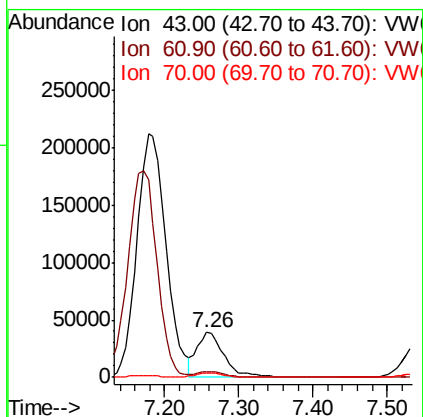
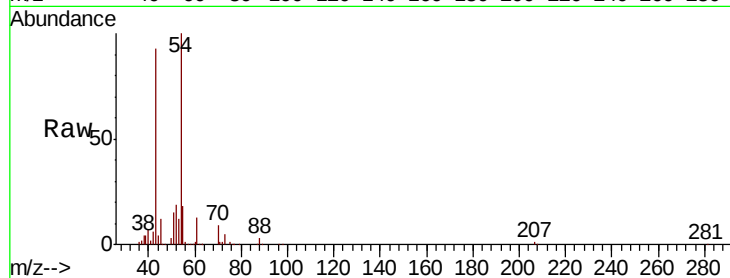




#37
 Ethyl Acetate
 Concen: 27.612 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

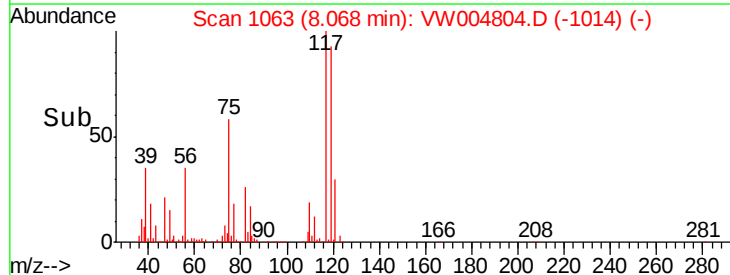
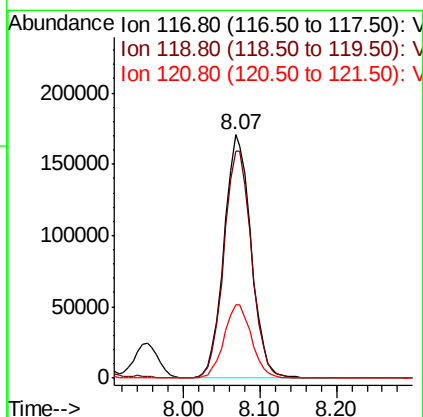
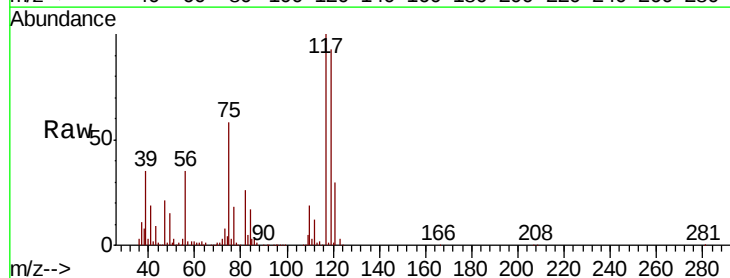
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MSD

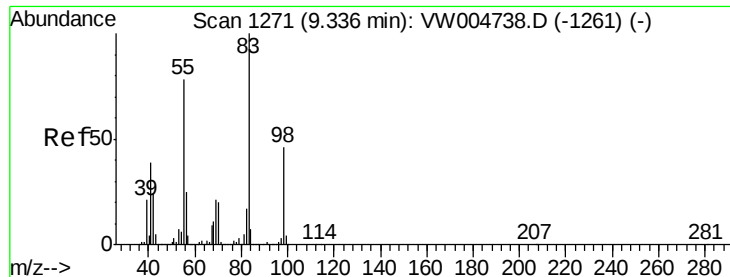
Tgt Ion: 43 Resp: 98757
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.6 17.4#
 70 10.8 9.2 13.8



#38
 Carbon Tetrachloride
 Concen: 50.511 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

Tgt Ion: 117 Resp: 417164
 Ion Ratio Lower Upper
 117 100
 119 93.0 78.0 117.0
 121 30.0 24.8 37.2

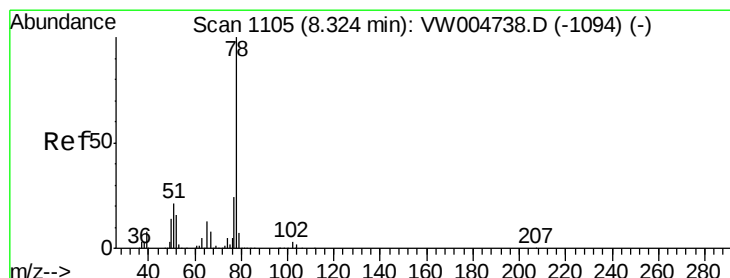
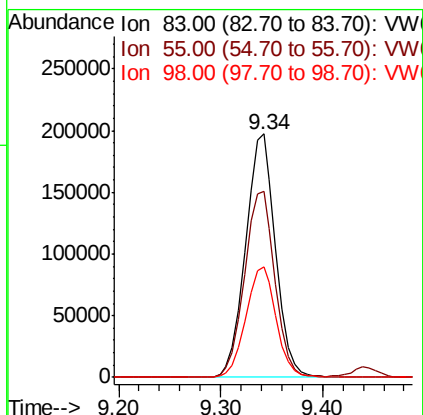
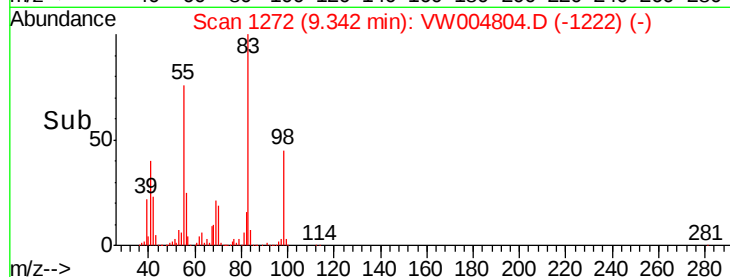
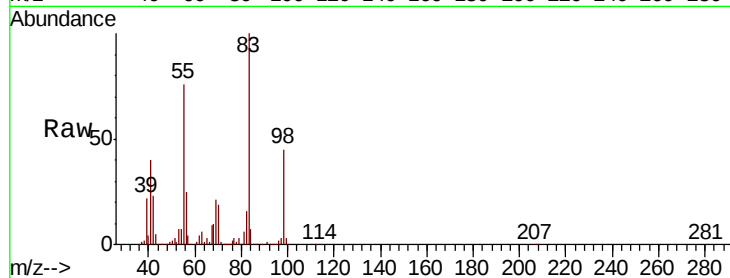




#39
Methylcyclohexane
Concen: 35.762 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

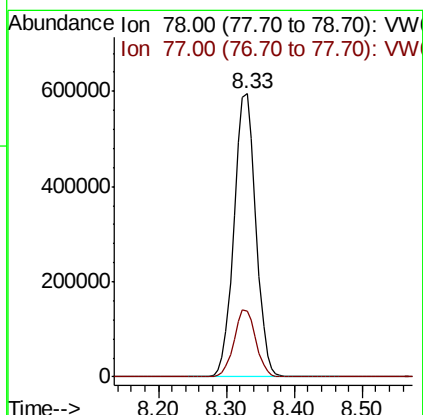
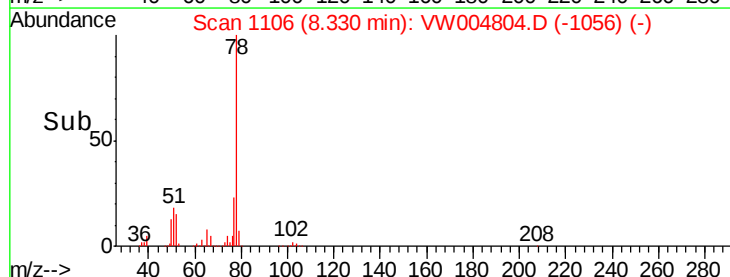
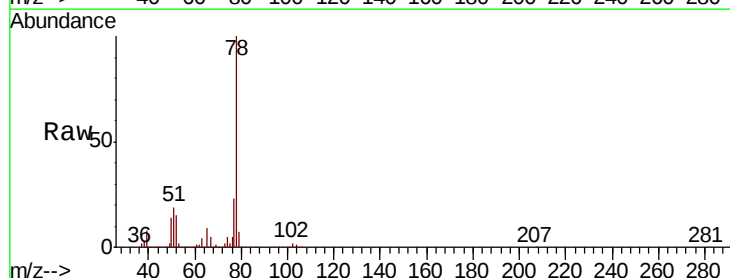
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MSD

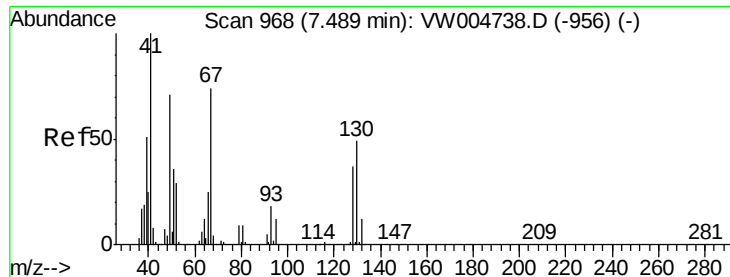
Tgt Ion: 83 Resp: 401261
Ion Ratio Lower Upper
83 100
55 76.4 62.4 93.6
98 45.2 36.5 54.7



#40
Benzene
Concen: 50.684 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

Tgt Ion: 78 Resp: 1321583
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6





#41

Methacrylonitrile

Concen: 47.003 ug/l

RT: 7.49 min Scan# 969

Delta R.T. 0.01 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MSD

Tgt Ion: 41 Resp: 95406

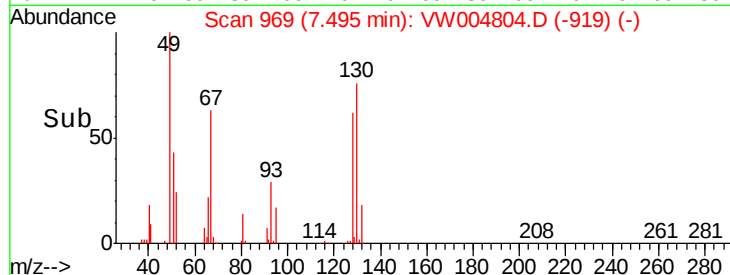
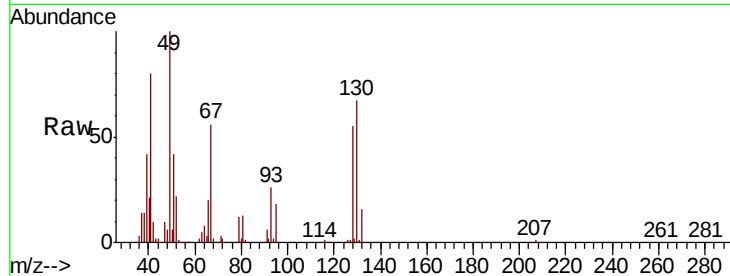
Ion Ratio Lower Upper

41 100

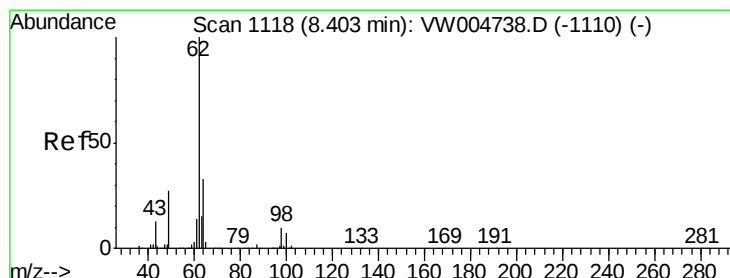
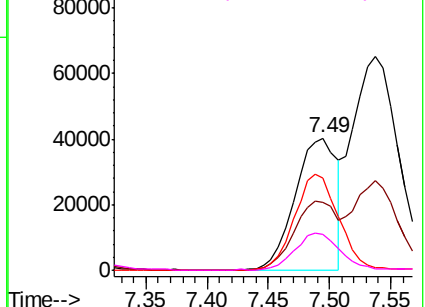
39 52.2 41.0 61.4

67 77.8 59.5 89.3

52 30.2 23.6 35.4



Abundance Ion 41.00 (40.70 to 41.70): VW
100000 Ion 39.00 (38.70 to 39.70): VW
80000 Ion 67.00 (66.70 to 67.70): VW
60000 Ion 52.00 (51.70 to 52.70): VW
40000
20000
0



#42

1,2-Dichloroethane

Concen: 53.327 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW004804.D

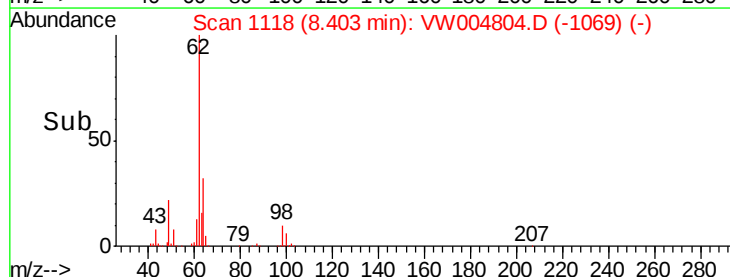
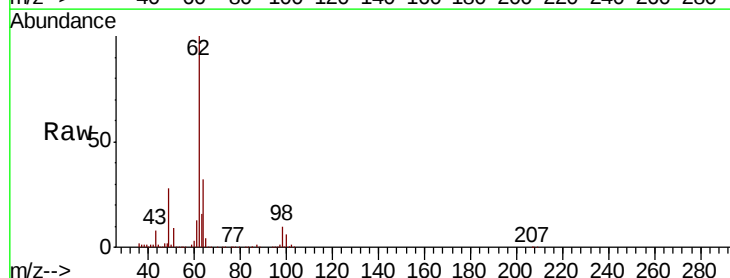
Acq: 20 Aug 2018 20:53

Tgt Ion: 62 Resp: 356566

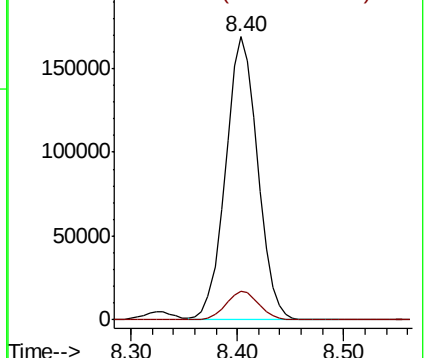
Ion Ratio Lower Upper

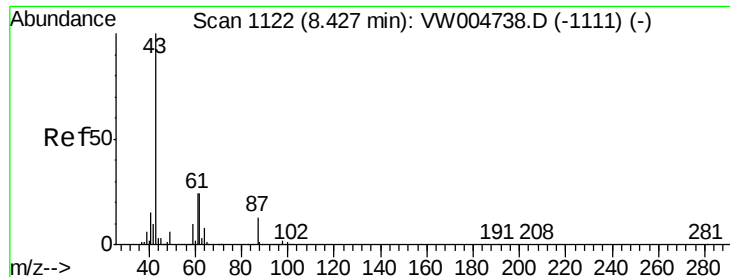
62 100

98 10.3 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VW
200000 Ion 97.90 (97.60 to 98.60): VW
150000
100000
50000
0





#43

Isopropyl Acetate

Concen: 34.972 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampled :

LSB-07(0-1)MSD

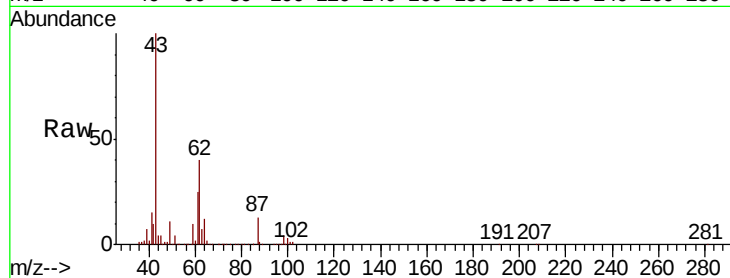
Tgt Ion: 43 Resp: 224670

Ion Ratio Lower Upper

43 100

61 39.4 26.2 39.4#

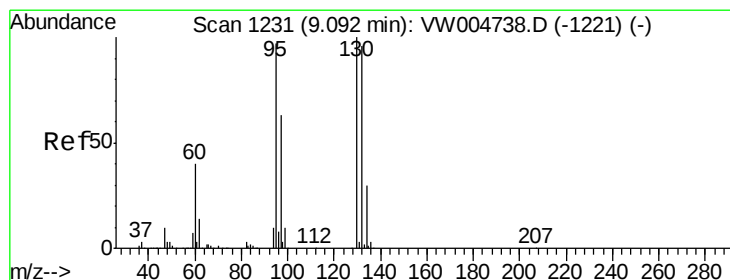
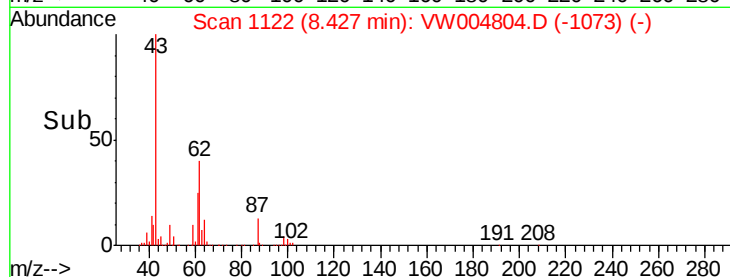
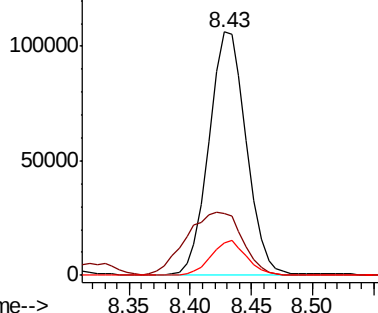
87 13.9 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 47.138 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004804.D

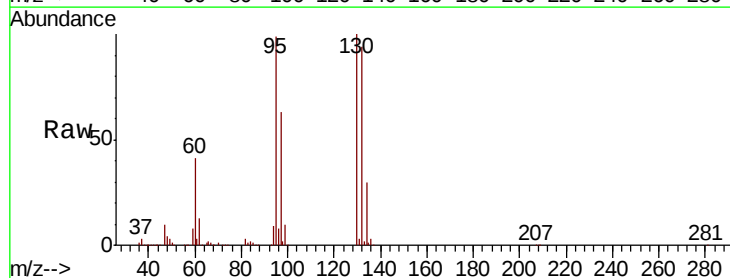
Acq: 20 Aug 2018 20:53

Tgt Ion: 130 Resp: 312005

Ion Ratio Lower Upper

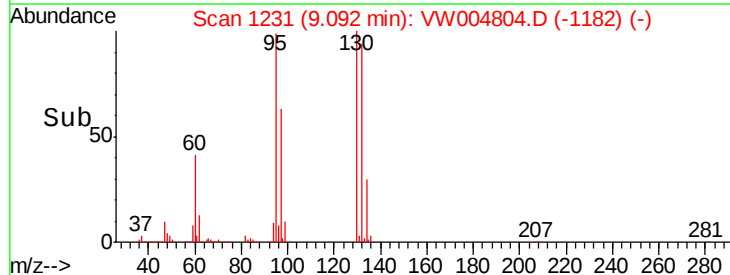
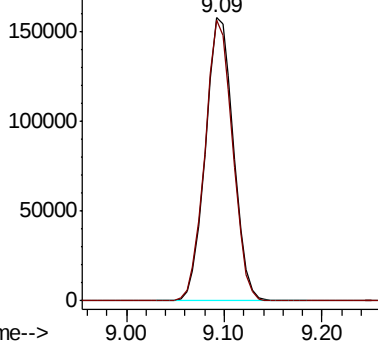
130 100

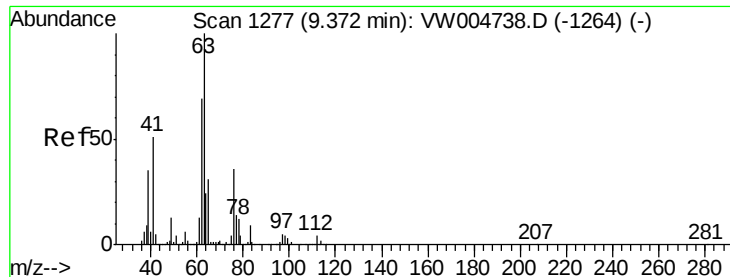
95 99.4 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

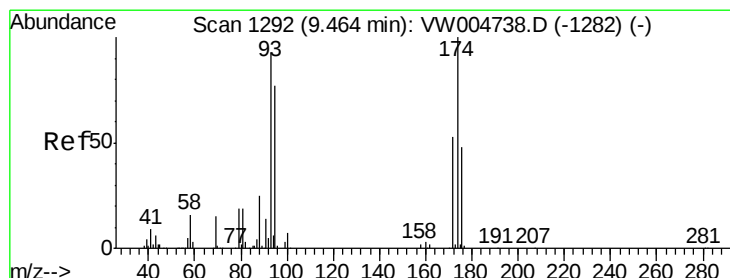
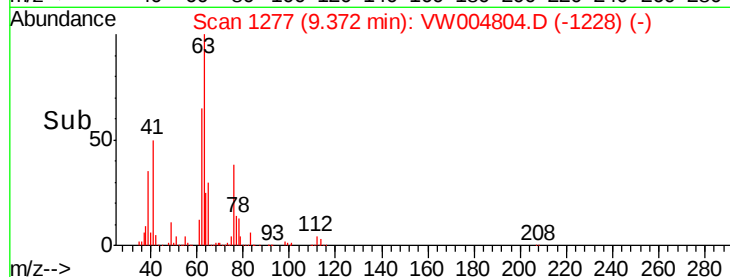
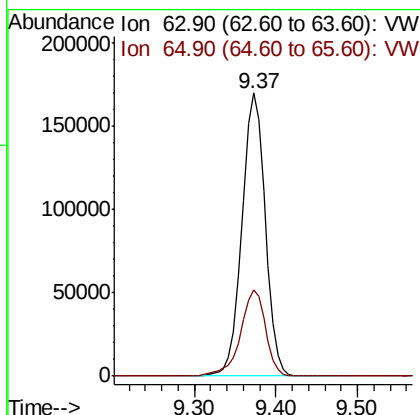
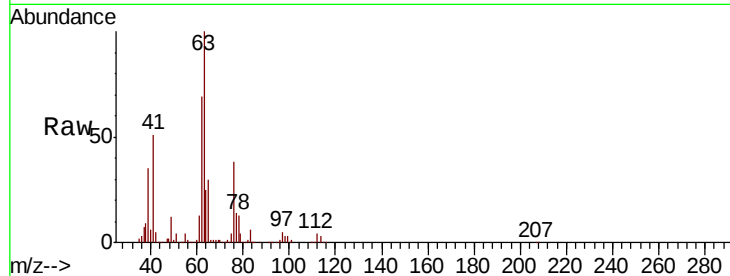




#45
 1,2-Dichloropropane
 Concen: 52.592 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

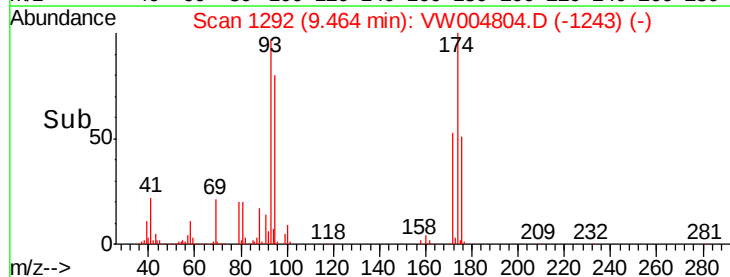
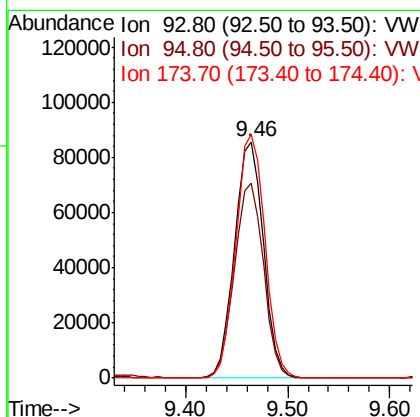
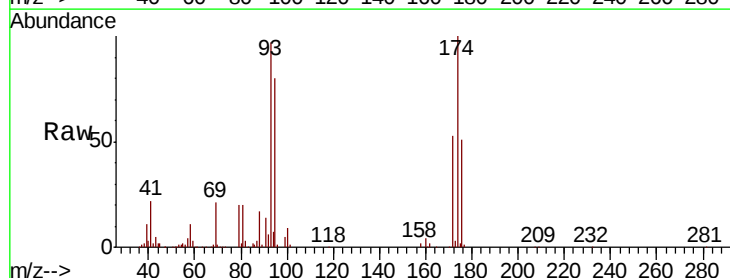
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MSD

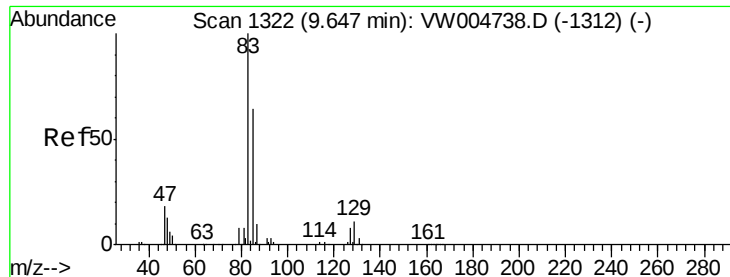
Tgt Ion: 63 Resp: 335440
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.6 37.0



#46
 Dibromomethane
 Concen: 52.951 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

Tgt Ion: 93 Resp: 167317
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.6 99.8
 174 104.4 85.3 127.9





#47

Bromodichloromethane

Concen: 51.674 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MSD

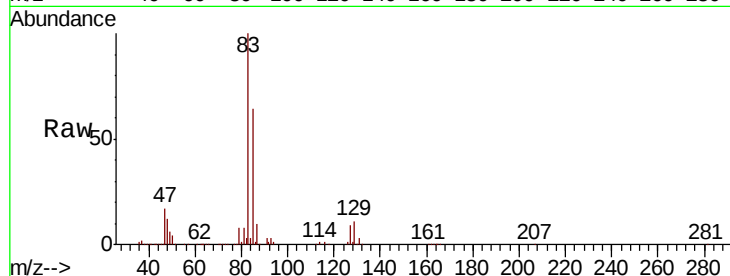
Tgt Ion: 83 Resp: 389951

Ion Ratio Lower Upper

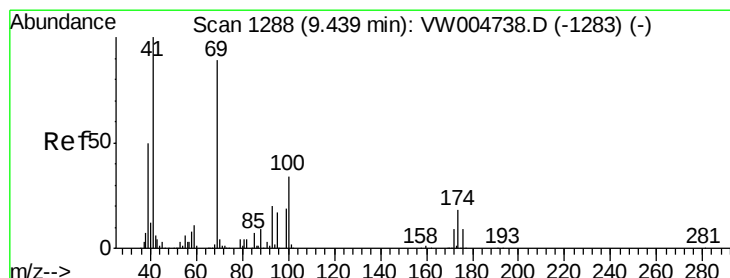
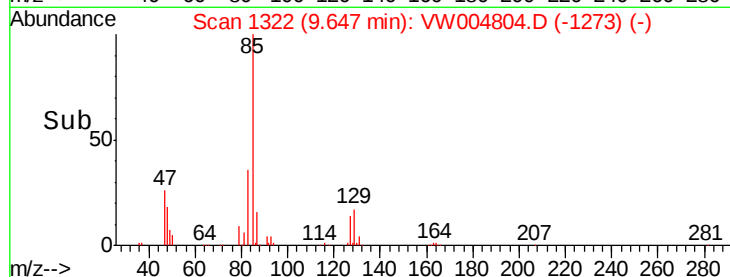
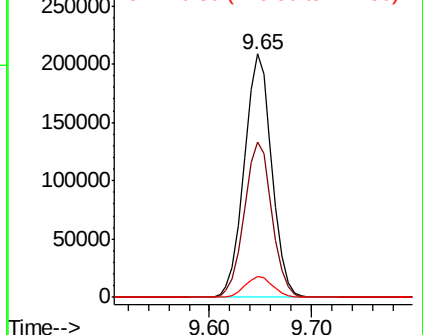
83 100

85 64.0 51.2 76.8

127 8.7 6.7 10.1



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



#48

Methyl methacrylate

Concen: 66.209 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

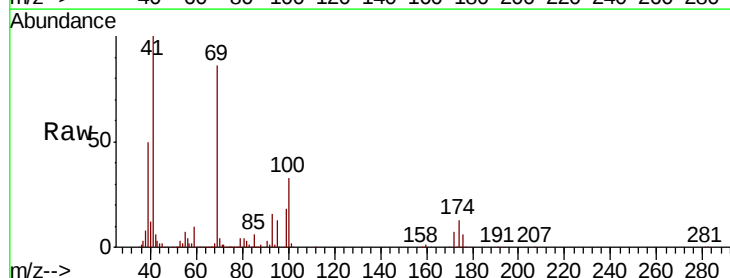
Tgt Ion: 41 Resp: 199588

Ion Ratio Lower Upper

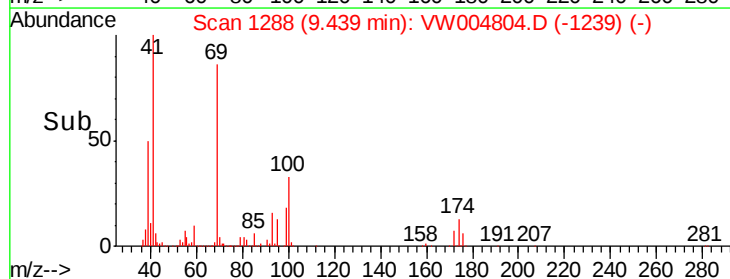
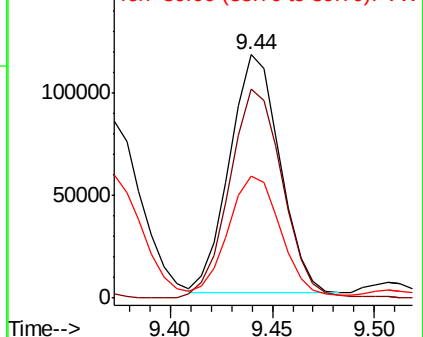
41 100

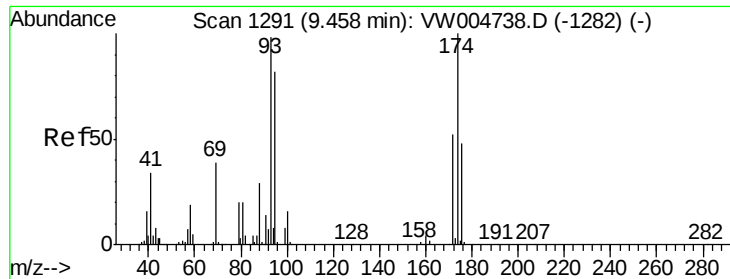
69 92.1 75.2 112.8

39 53.6 39.8 59.6



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





#49

1,4-Dioxane

Concen: 1131.182 ug/l

RT: 9.48 min Scan# 1294

Delta R.T. 0.02 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MSD

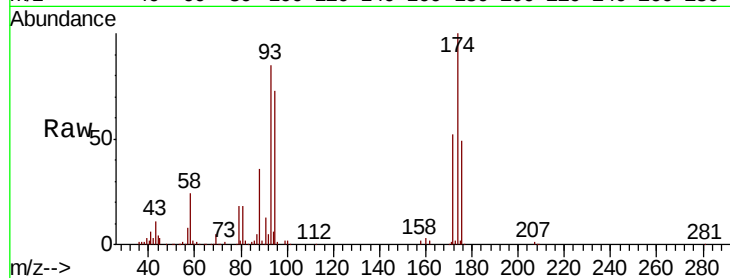
Tgt Ion: 88 Resp: 52221

Ion Ratio Lower Upper

88 100

43 0.0 22.9 34.3#

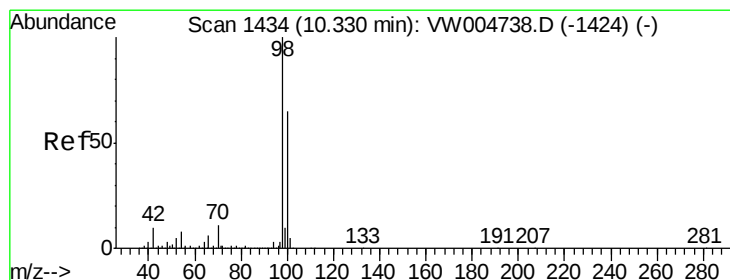
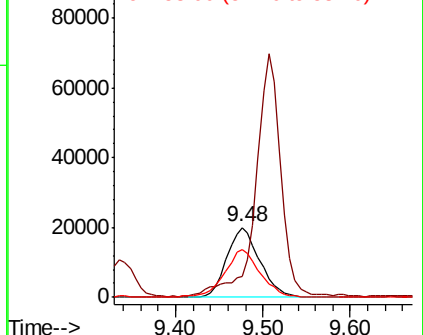
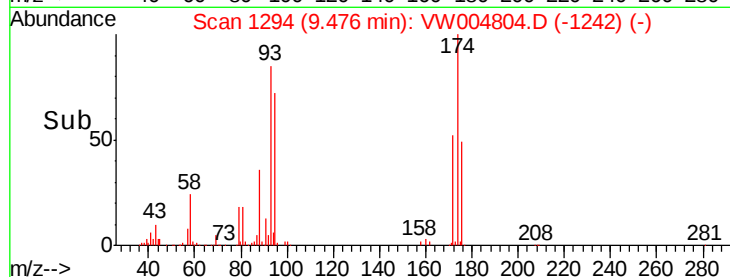
58 74.2 60.0 90.0



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: 50.217 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004804.D

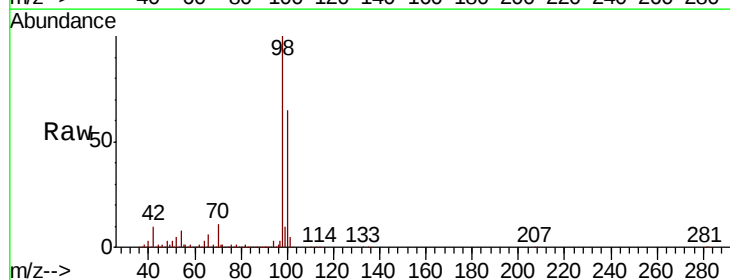
Acq: 20 Aug 2018 20:53

Tgt Ion: 98 Resp: 1091186

Ion Ratio Lower Upper

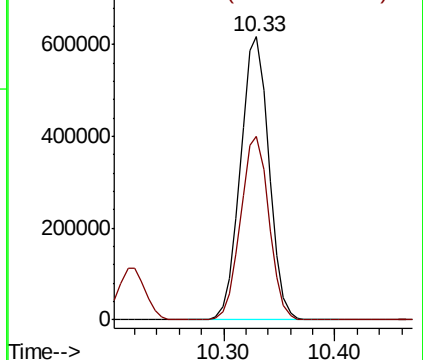
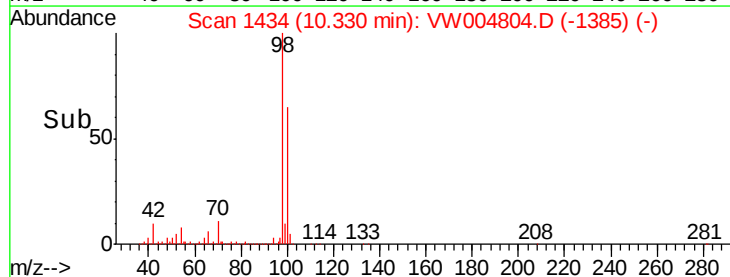
98 100

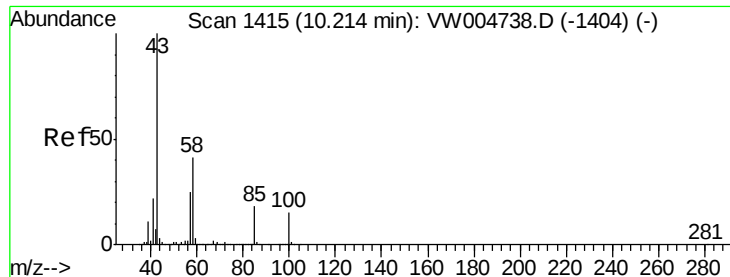
100 64.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

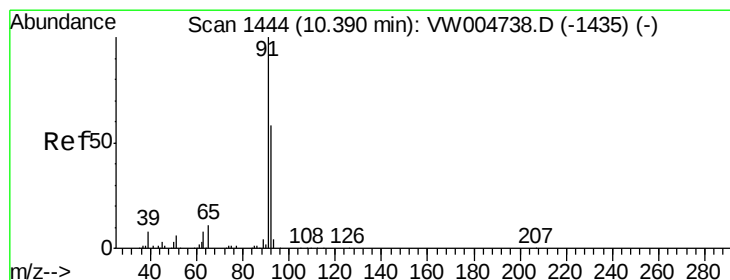
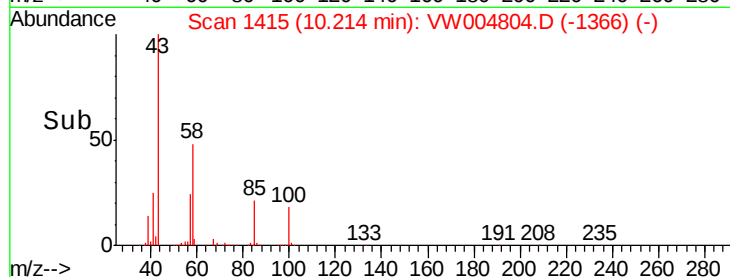
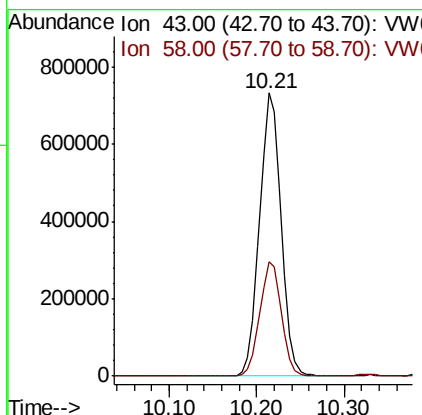
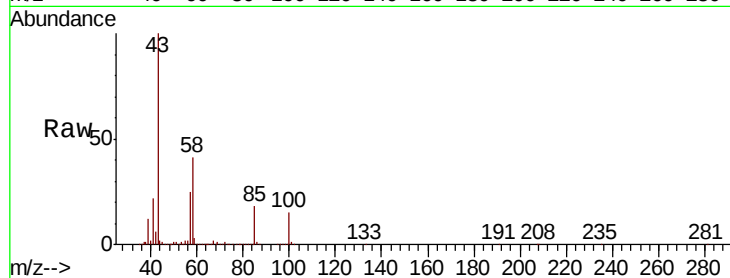




#51
 4-Methyl-2-Pentanone
 Concen: 289.398 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

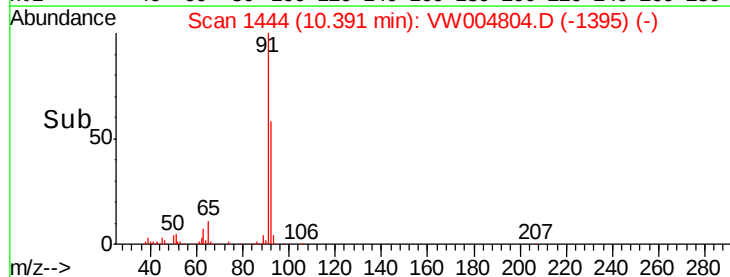
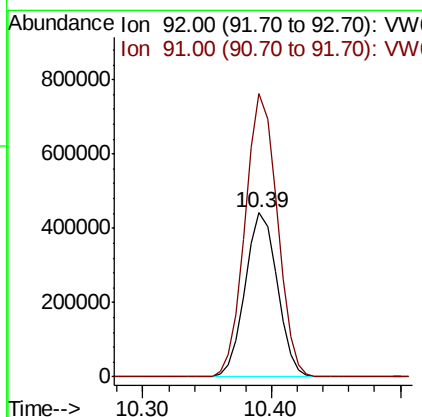
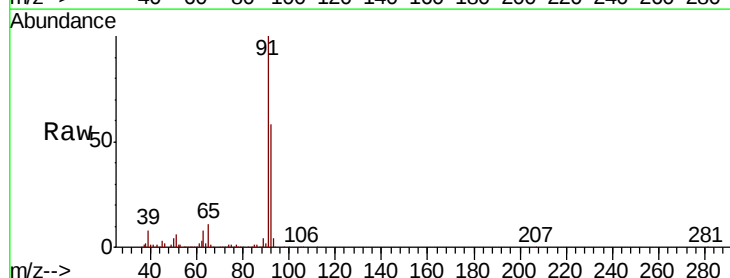
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MSD

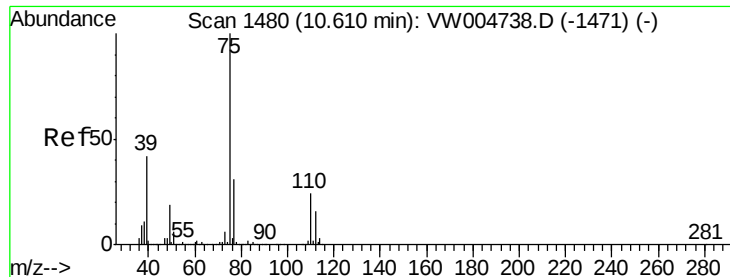
Tgt Ion: 43 Resp: 1256531
 Ion Ratio Lower Upper
 43 100
 58 40.6 32.7 49.1



#52
 Toluene
 Concen: 48.649 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

Tgt Ion: 92 Resp: 760791
 Ion Ratio Lower Upper
 92 100
 91 172.8 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 49.048 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

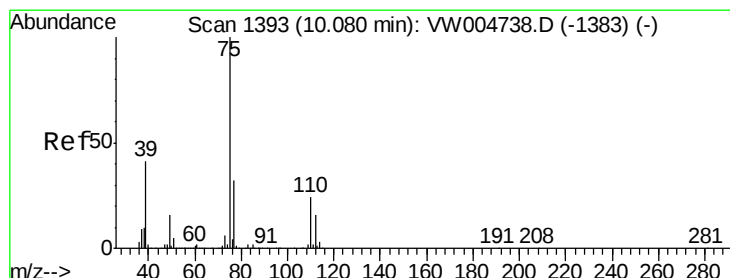
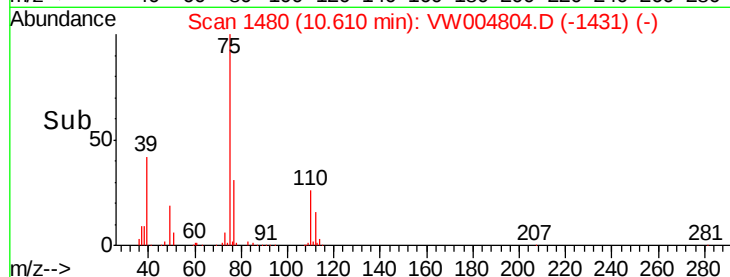
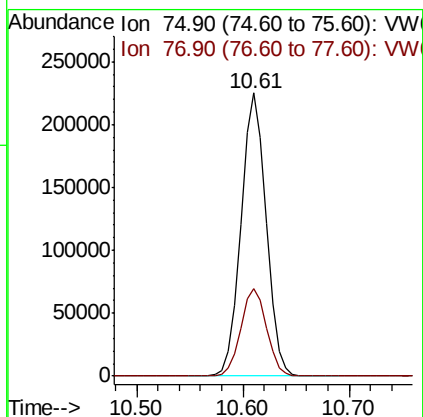
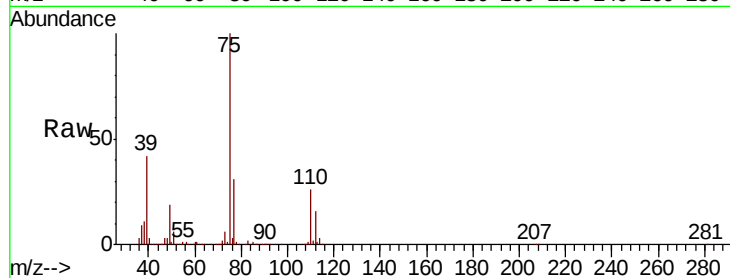
LSB-07(0-1)MSD

Tgt Ion: 75 Resp: 372914

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 48.492 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

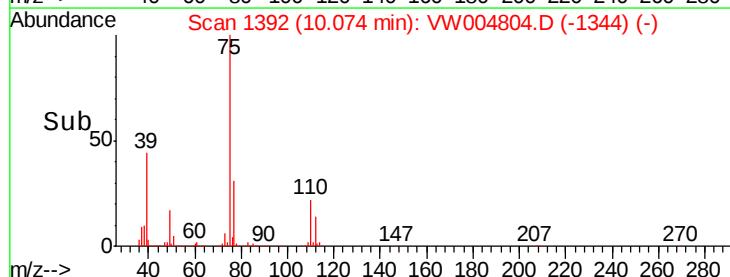
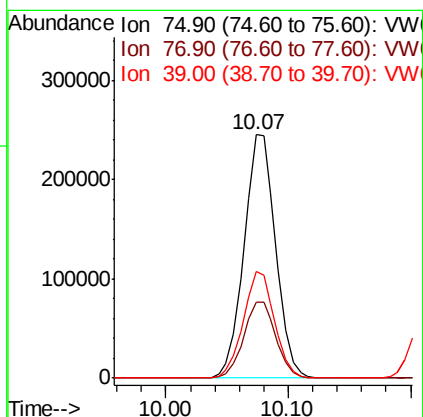
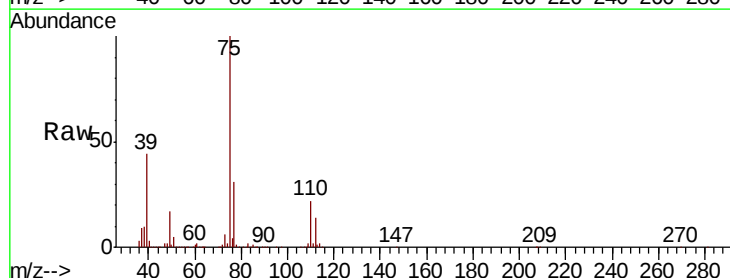
Tgt Ion: 75 Resp: 439533

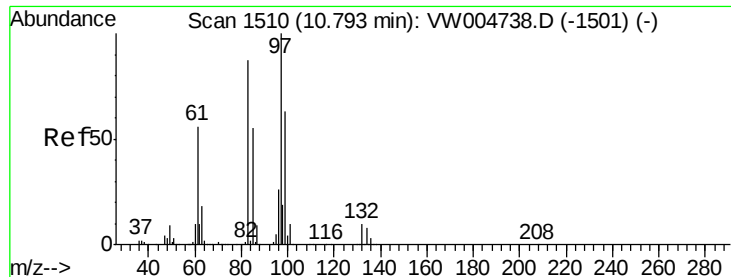
Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4

39 43.8 33.0 49.4

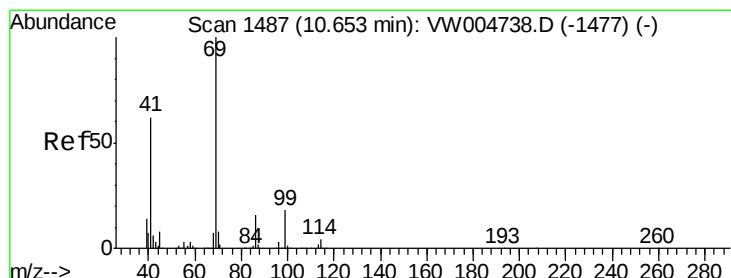
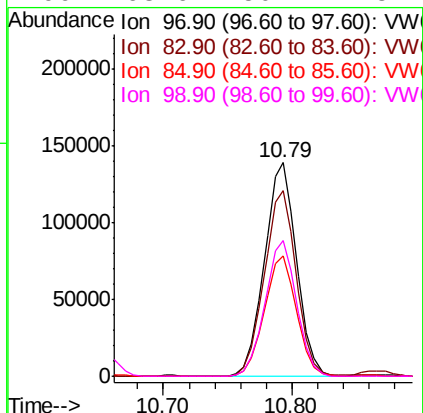
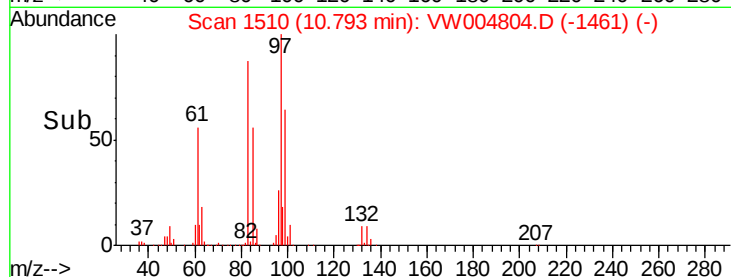
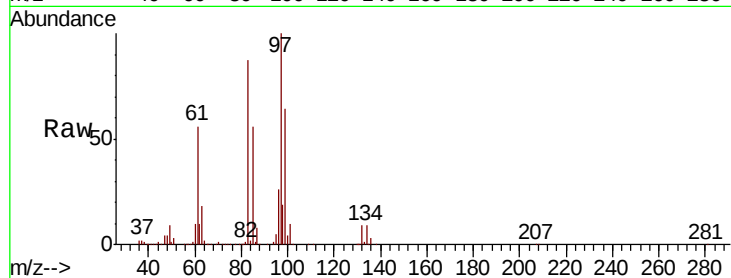




#55
 1,1,2-Trichloroethane
 Concen: 53.333 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

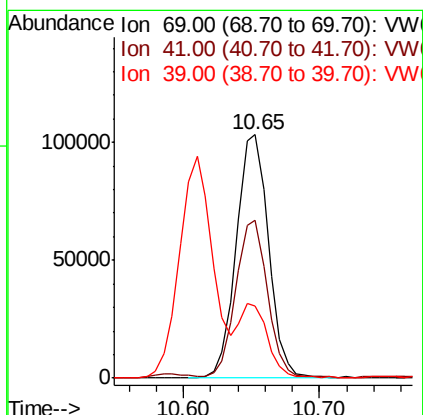
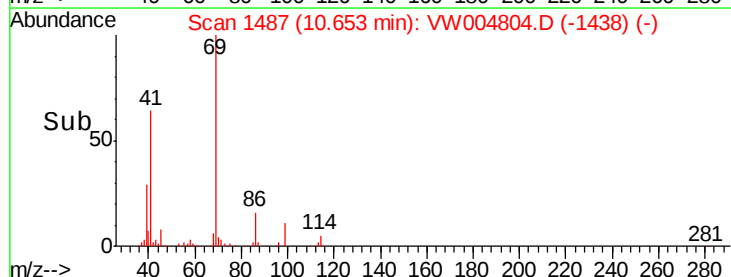
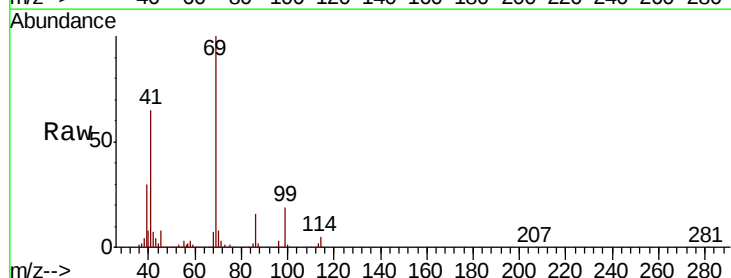
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MSD

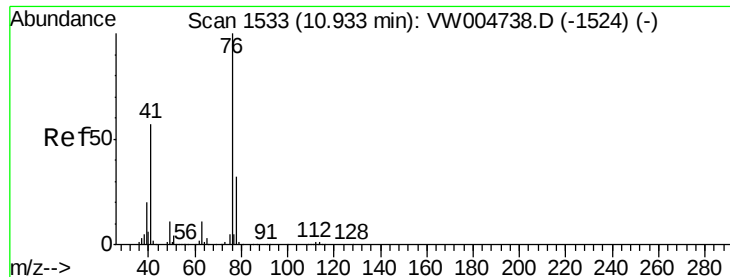
Tgt Ion:	97	Resp:	239551
Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.4	104.2
85	56.3	44.3	66.5
99	63.6	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 30.364 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

Tgt Ion:	69	Resp:	170868
Ion	Ratio	Lower	Upper
69	100		
41	63.3	50.7	76.1
39	27.3	21.4	32.2





#57

1,3-Dichloropropane

Concen: 52.716 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.01 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

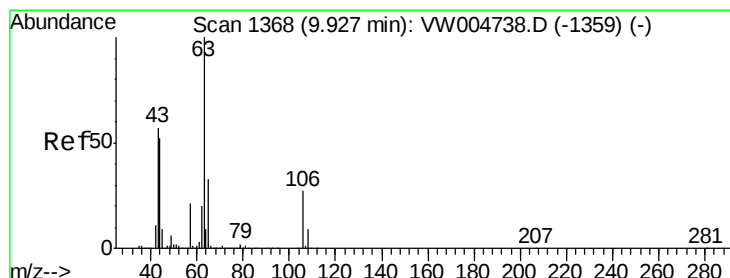
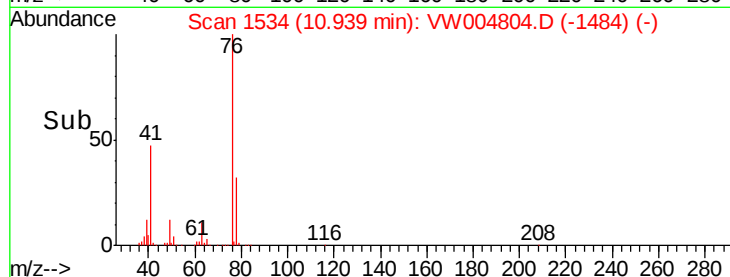
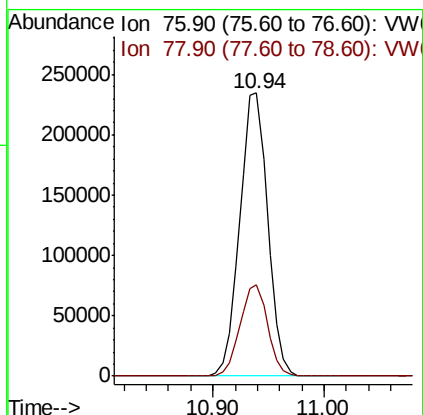
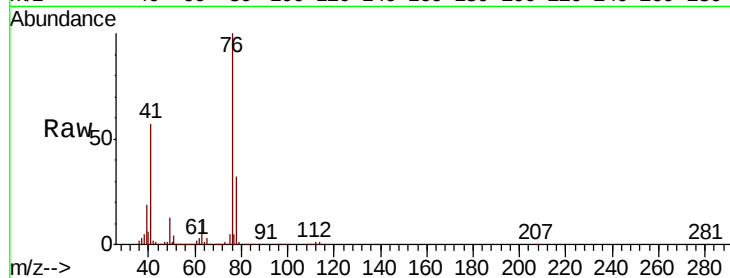
LSB-07(0-1)MSD

Tgt Ion: 76 Resp: 408723

Ion Ratio Lower Upper

76 100

78 32.1 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 291.811 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004804.D

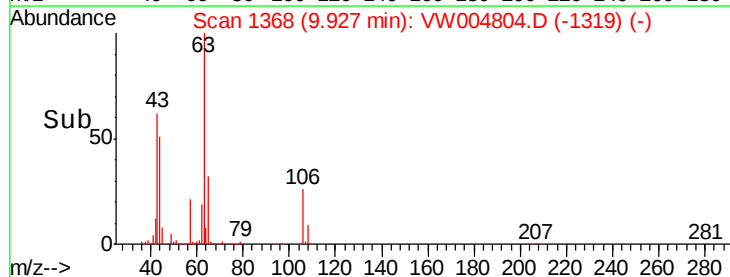
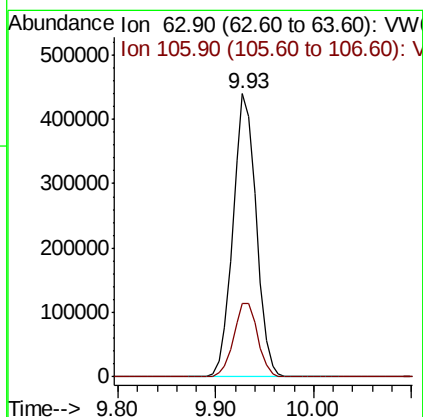
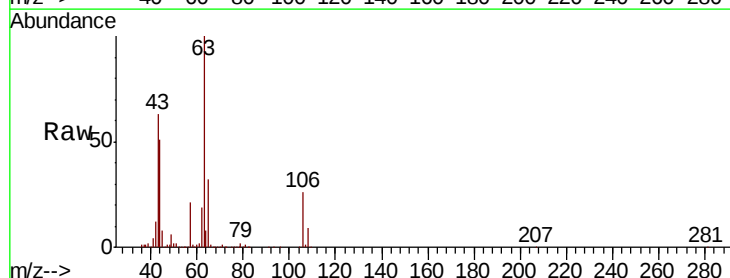
Acq: 20 Aug 2018 20:53

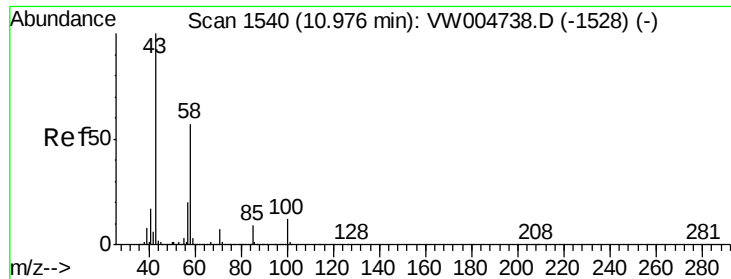
Tgt Ion: 63 Resp: 723848

Ion Ratio Lower Upper

63 100

106 27.0 22.1 33.1

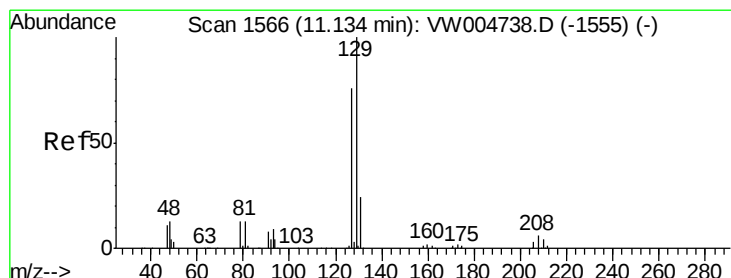
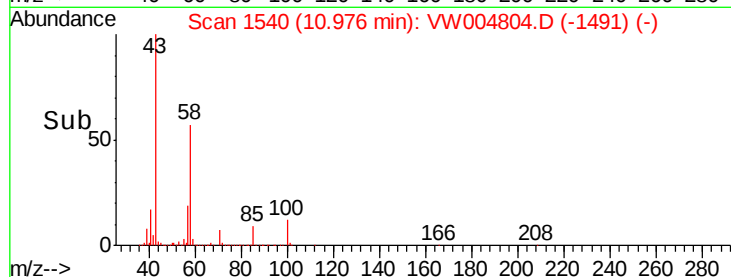
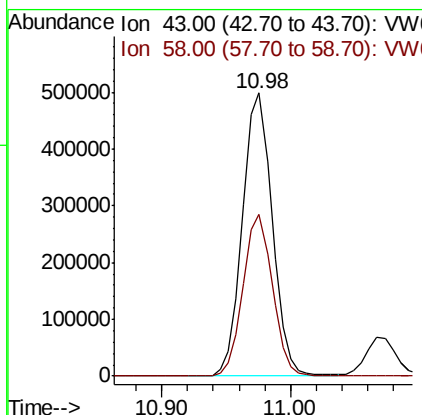
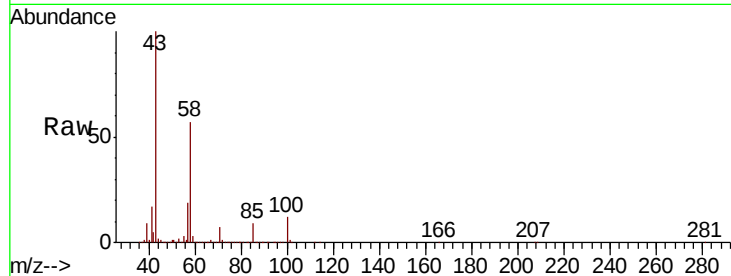




#59
2-Hexanone
Concen: 271.654 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

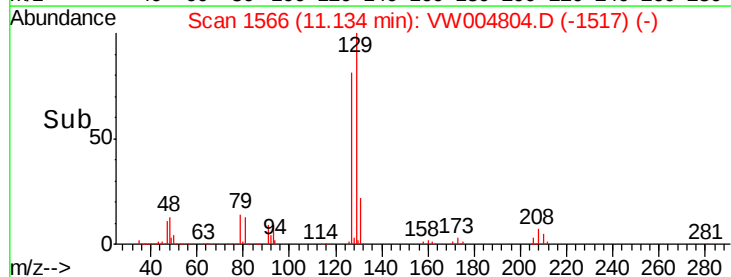
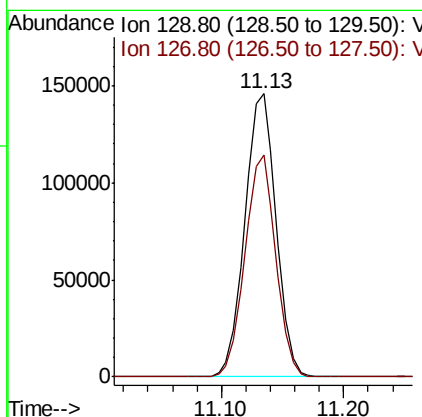
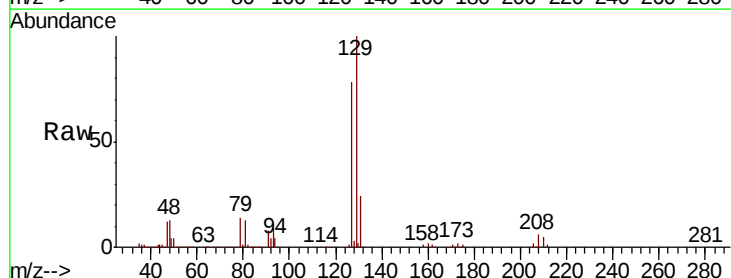
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MSD

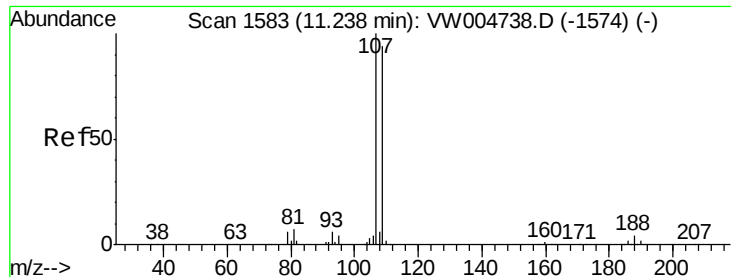
Tgt Ion: 43 Resp: 799183
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.4



#60
Dibromochloromethane
Concen: 51.401 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

Tgt Ion: 129 Resp: 259024
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.885 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

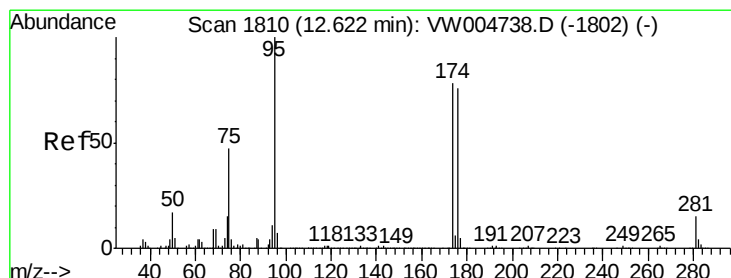
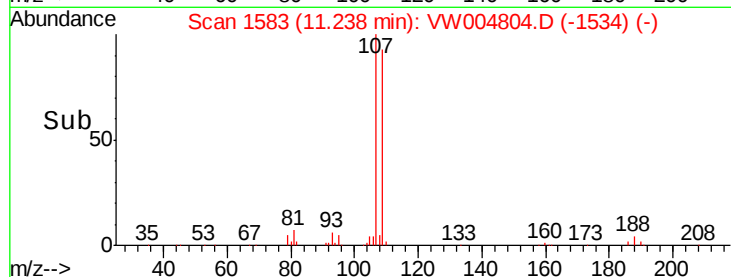
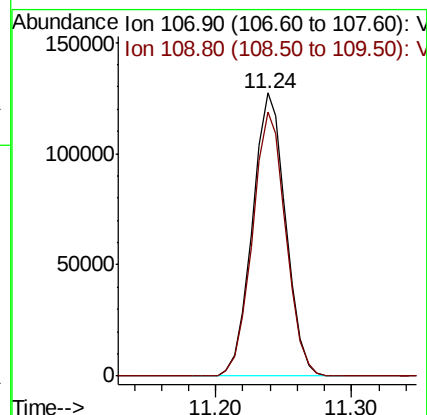
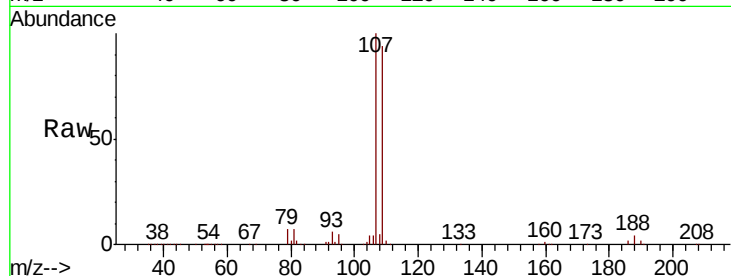
LSB-07(0-1)MSD

Tgt Ion: 107 Resp: 218472

Ion Ratio Lower Upper

107 100

109 93.5 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 42.559 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

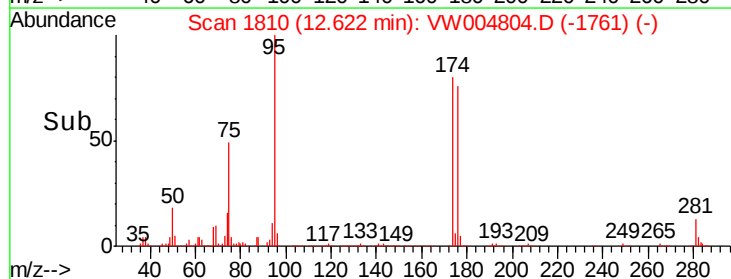
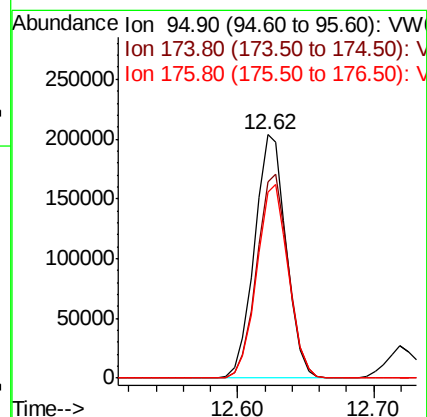
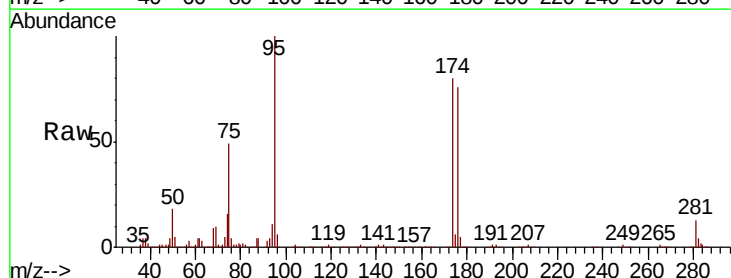
Tgt Ion: 95 Resp: 332699

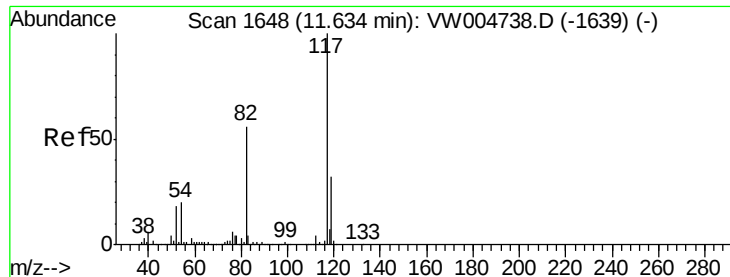
Ion Ratio Lower Upper

95 100

174 83.5 0.0 165.8

176 79.6 0.0 159.8

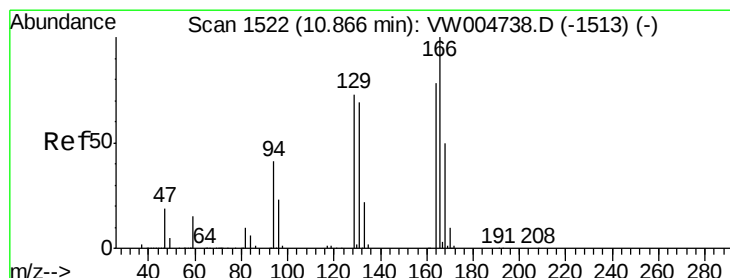
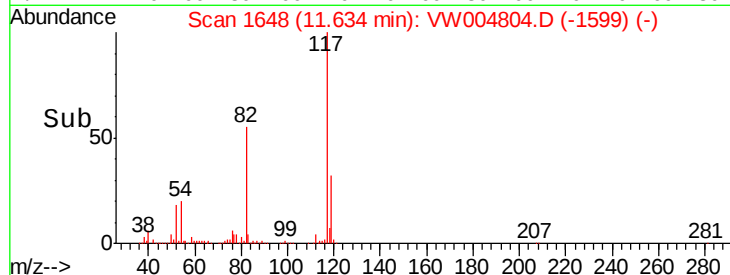
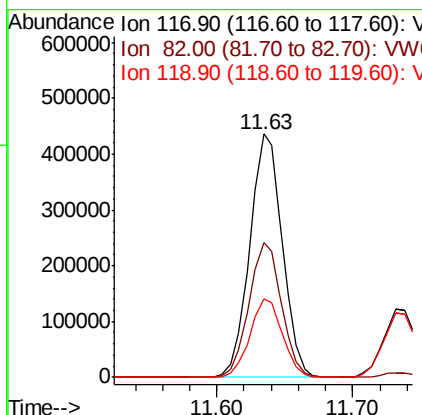
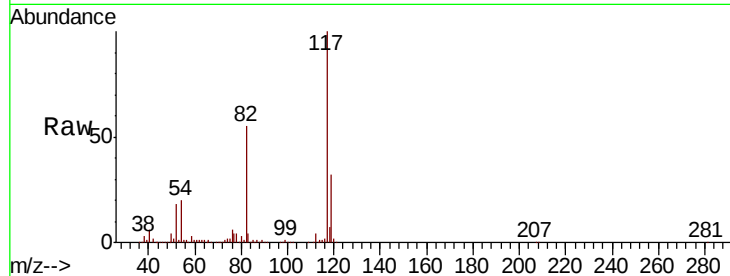




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

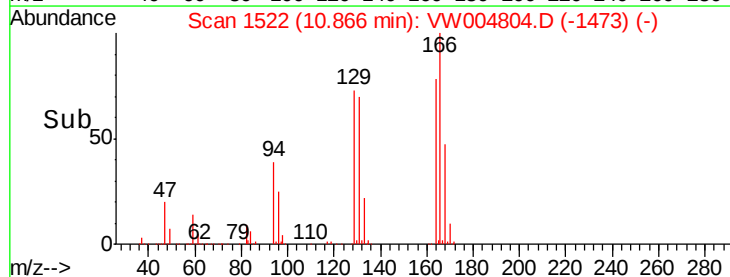
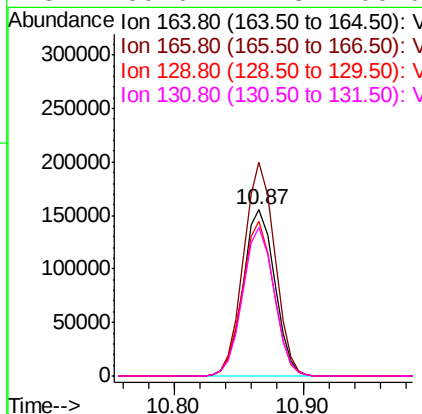
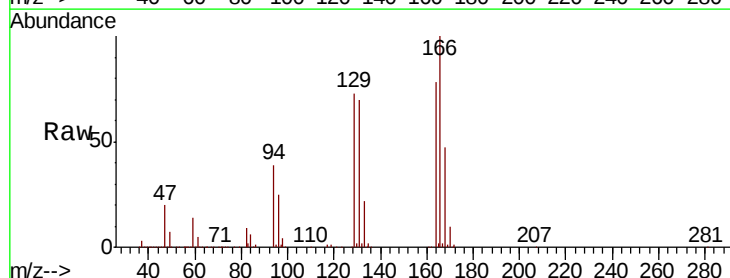
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MSD

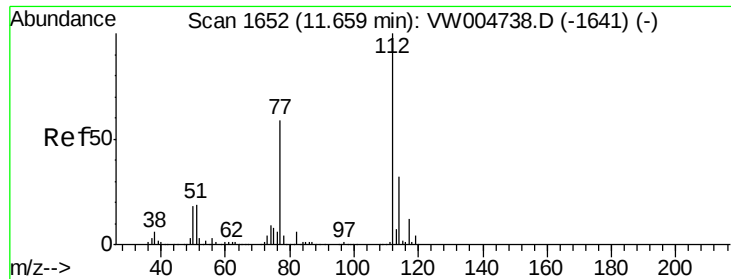
Tgt Ion:117 Resp: 732225
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 32.5 25.6 38.4



#64
Tetrachloroethene
Concen: 52.820 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

Tgt Ion:164 Resp: 264319
Ion Ratio Lower Upper
164 100
166 128.6 102.5 153.7
129 93.6 75.1 112.7
131 89.6 71.3 106.9

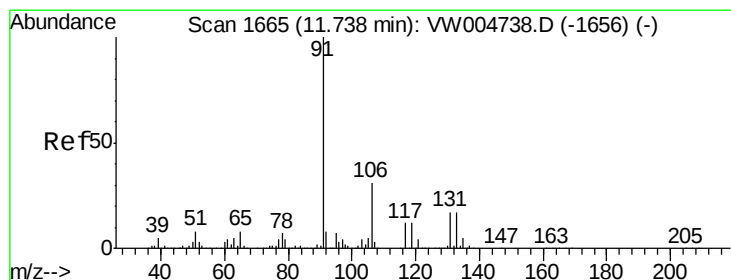
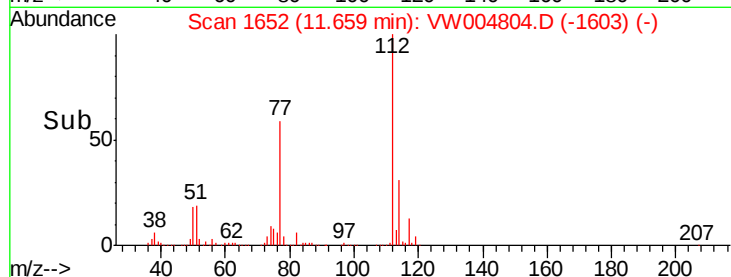
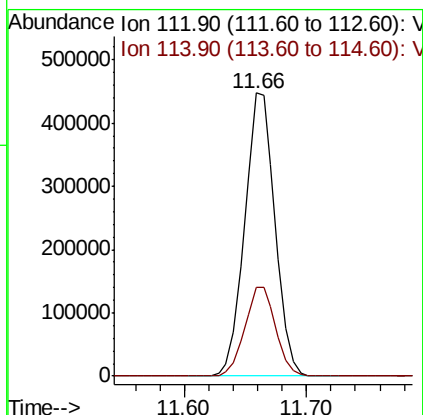
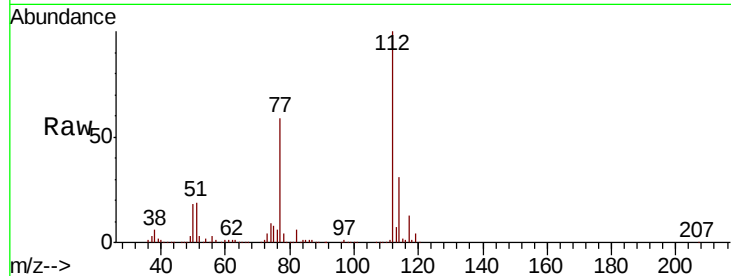




#65
Chlorobenzene
Concen: 48.672 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

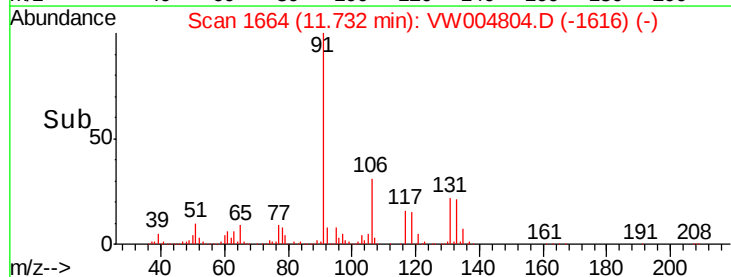
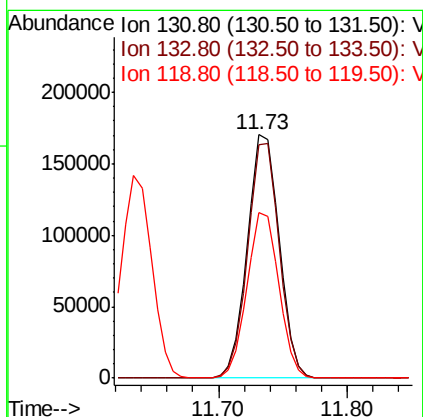
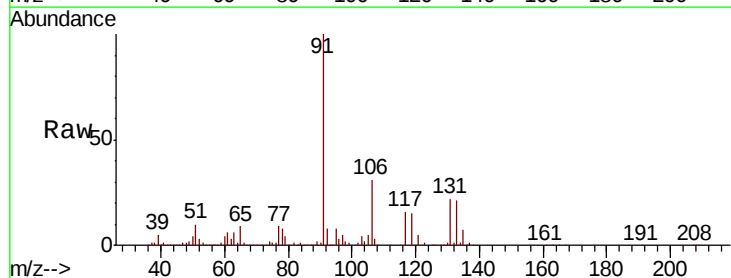
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MSD

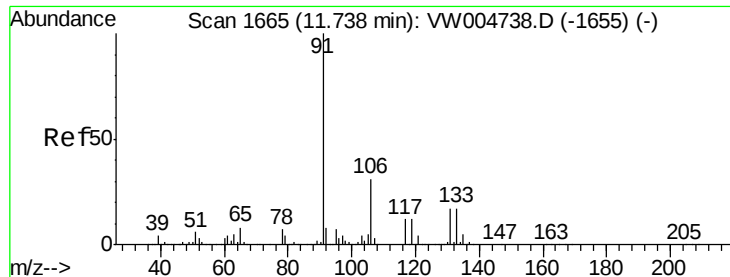
Tgt Ion:112 Resp: 767058
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.645 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

Tgt Ion:131 Resp: 290781
Ion Ratio Lower Upper
131 100
133 95.5 48.2 144.6
119 67.8 34.0 102.0

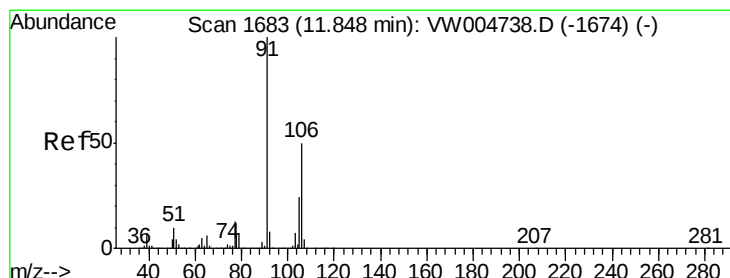
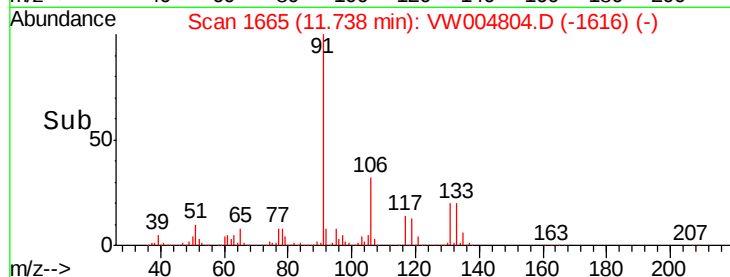
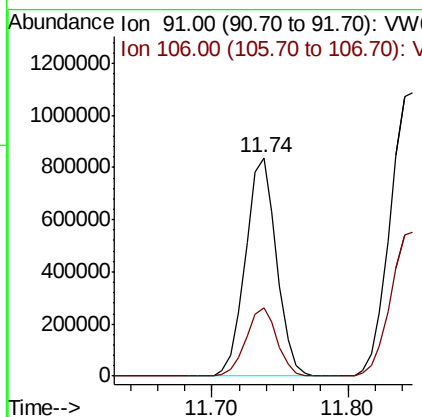
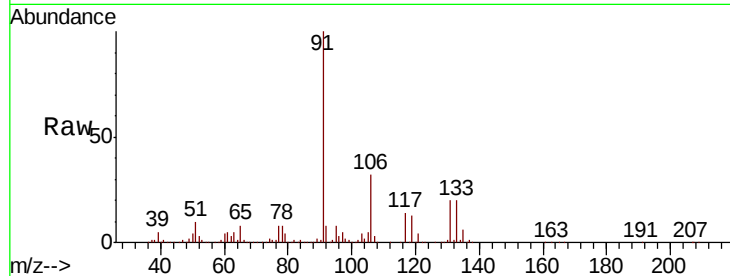




#67
Ethyl Benzene
Concen: 49.947 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

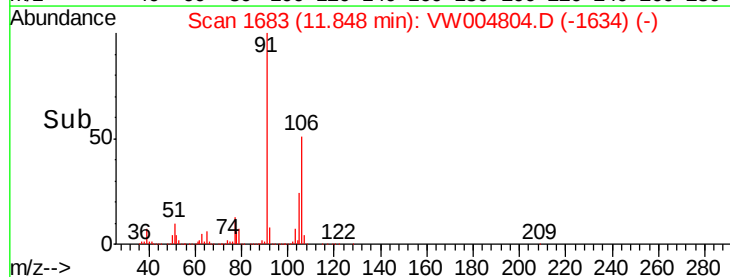
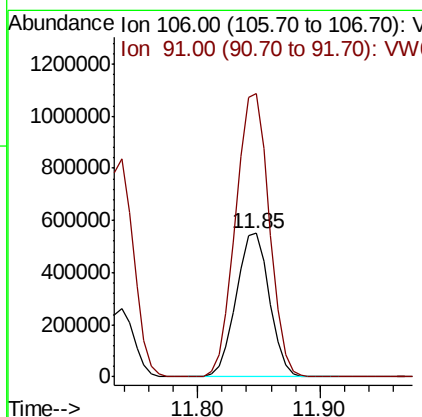
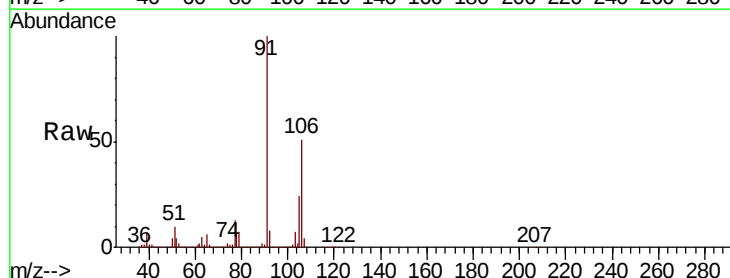
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MSD

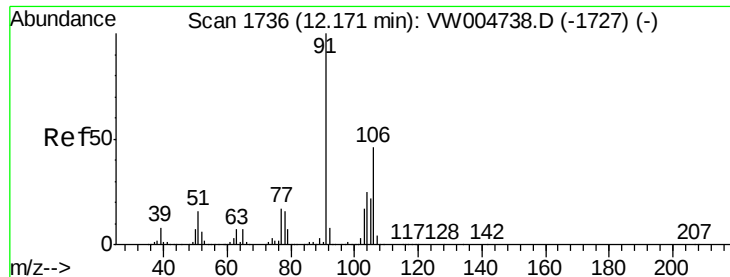
Tgt Ion: 91 Resp: 1334444
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 99.952 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

Tgt Ion: 106 Resp: 1038950
Ion Ratio Lower Upper
106 100
91 199.2 159.9 239.9

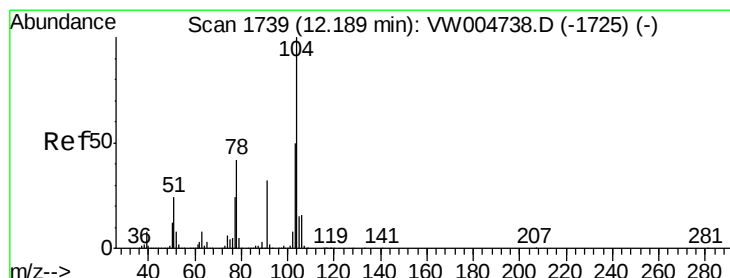
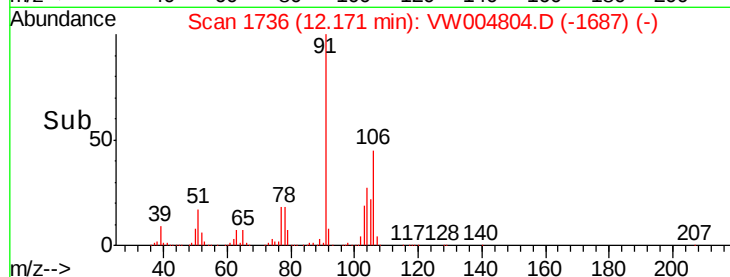
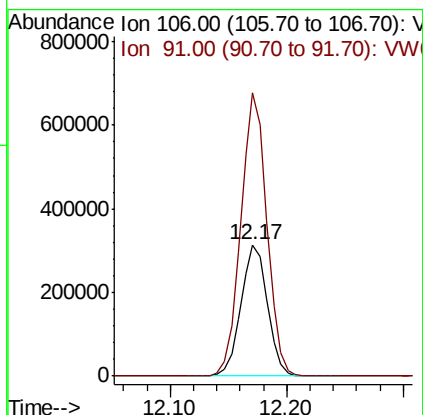
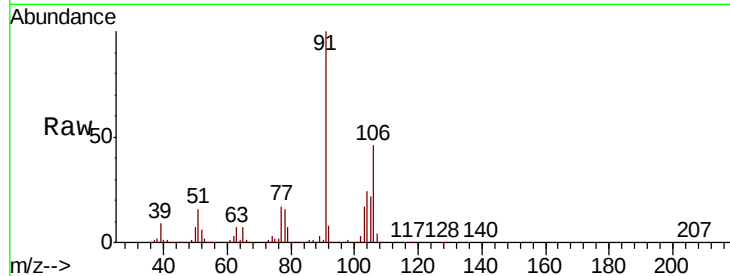




#69
o-Xylene
Concen: 51.620 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

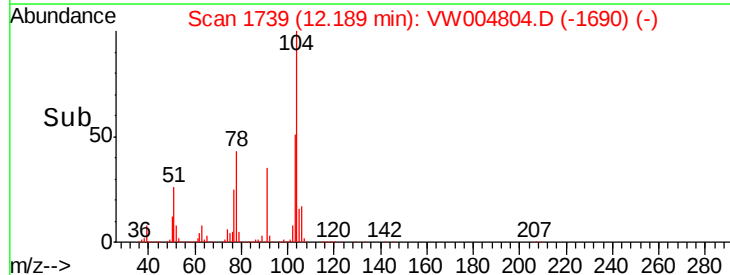
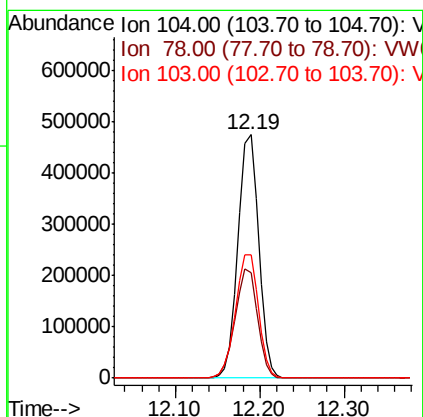
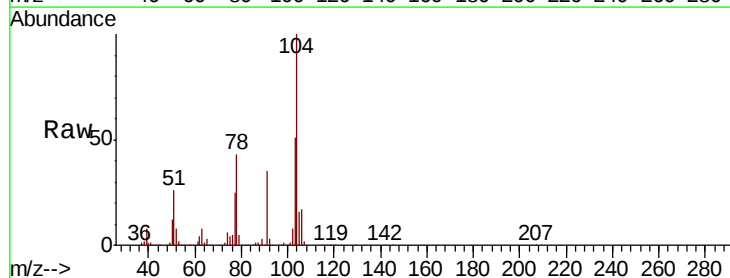
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MSD

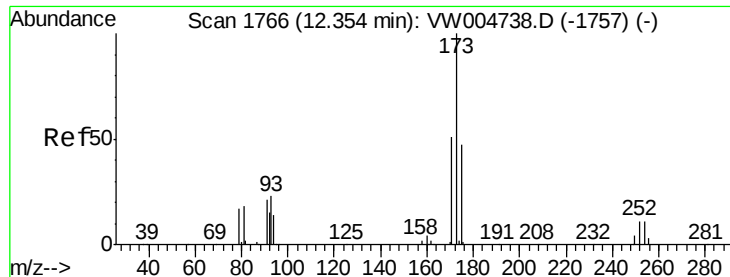
Tgt Ion:106 Resp: 496720
Ion Ratio Lower Upper
106 100
91 212.3 107.3 321.8



#70
Styrene
Concen: 48.517 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

Tgt Ion:104 Resp: 784221
Ion Ratio Lower Upper
104 100
78 48.5 38.4 57.6
103 55.8 44.1 66.1

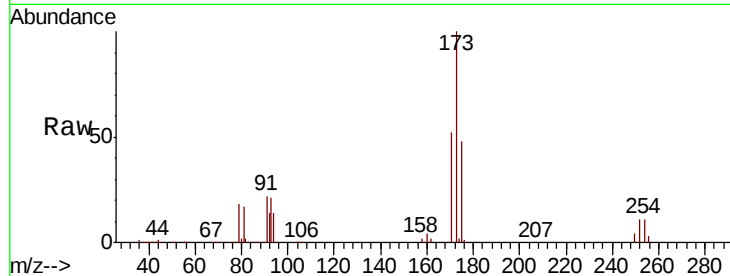




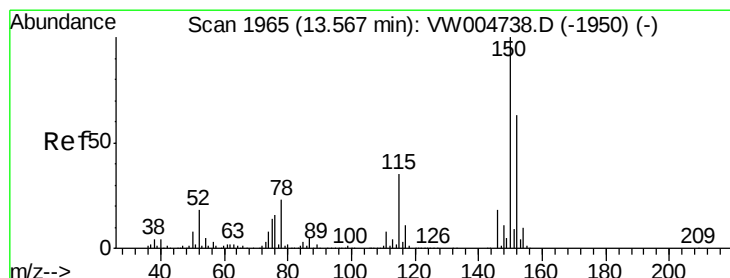
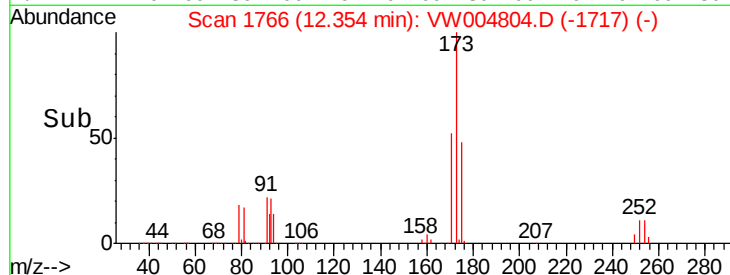
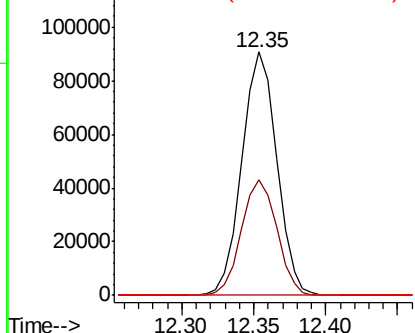
#71
Bromoform
Concen: 54.234 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MSD

Tgt Ion:173 Resp: 152325
Ion Ratio Lower Upper
173 100
175 48.2 23.8 71.4
254 0.1 0.1 0.1#

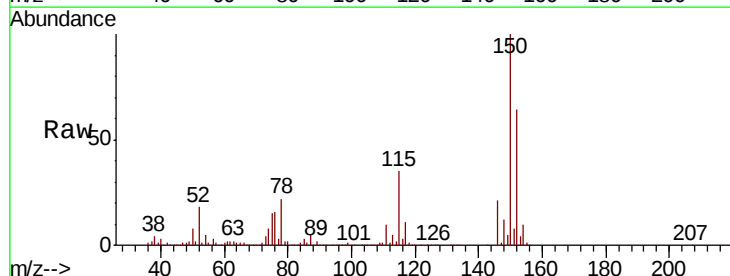


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

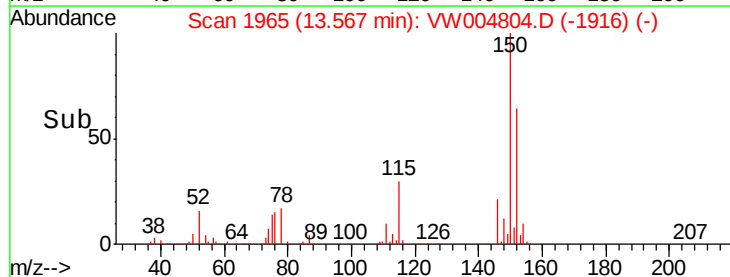
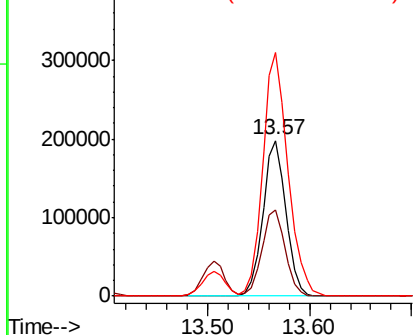


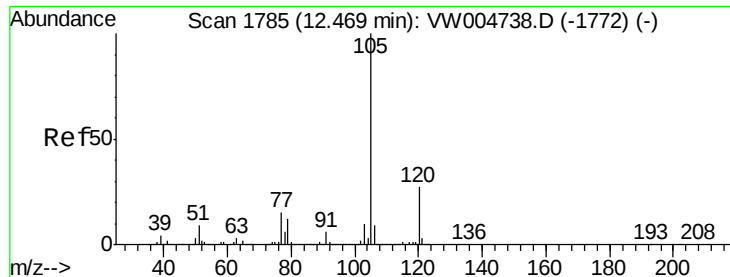
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

Tgt Ion:152 Resp: 308673
Ion Ratio Lower Upper
152 100
115 56.5 28.5 85.5
150 172.3 0.0 344.8



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: 58.455 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

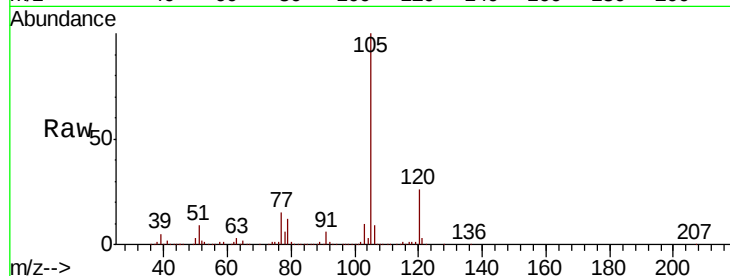
LSB-07(0-1)MSD

Tgt Ion:105 Resp: 1227532

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

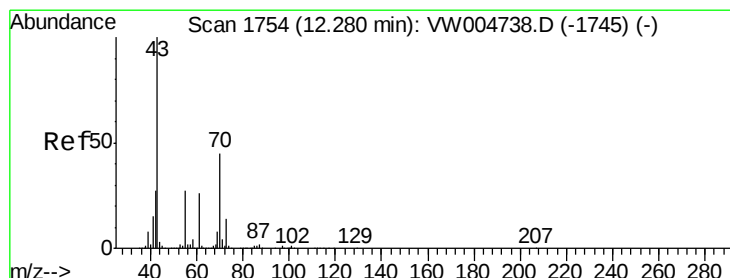
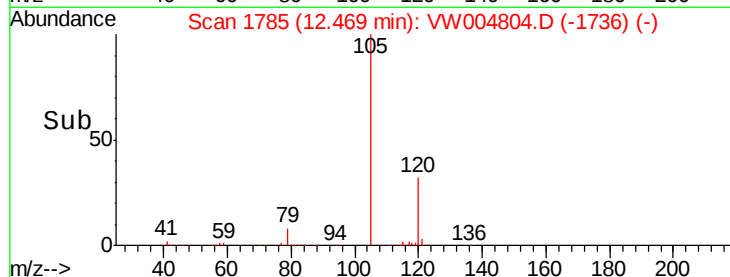
400000

200000

0

12.40 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 17.142 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Tgt Ion: 43 Resp: 70184

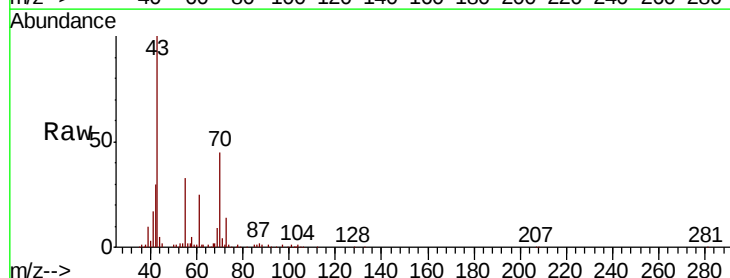
Ion Ratio Lower Upper

43 100

70 45.8 36.3 54.5

55 31.9 22.6 33.8

61 25.0 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

60000

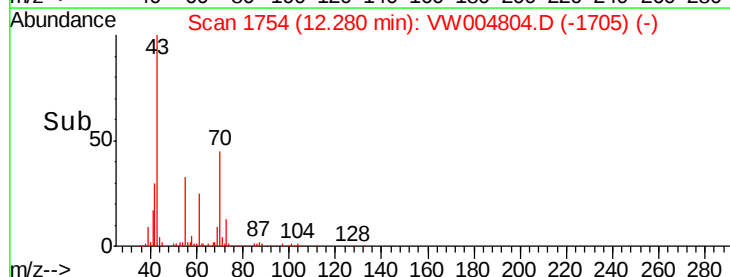
40000

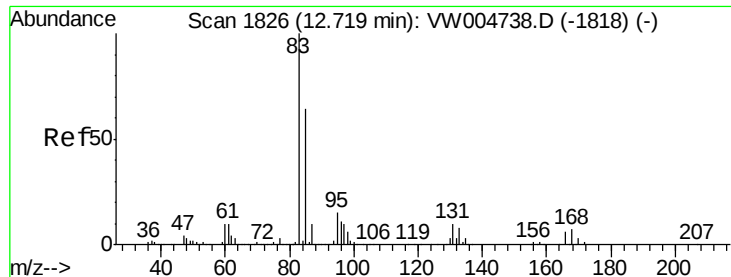
20000

0

12.20 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 71.668 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

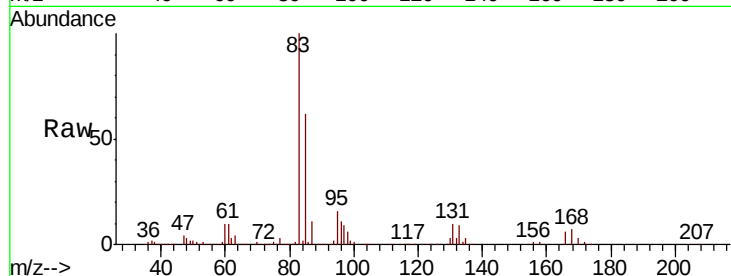
MSVOA_W

ClientSampleId :

LSB-07(0-1)MSD

Tgt Ion: 83 Resp: 278794

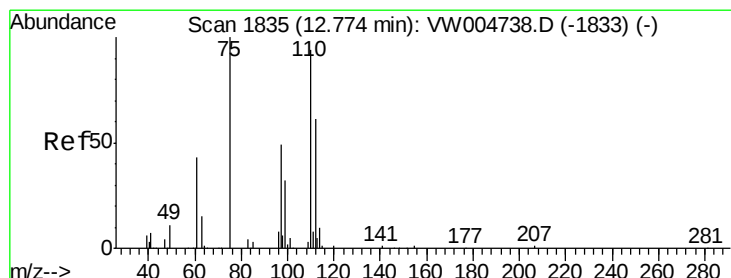
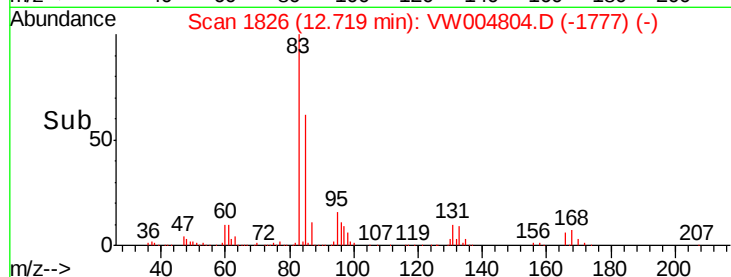
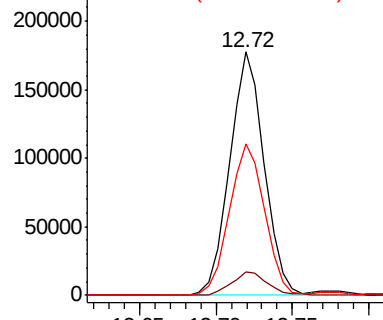
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.3	15.8
85	63.6	31.9	95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 123.870 ug/l

RT: 12.77 min Scan# 1835

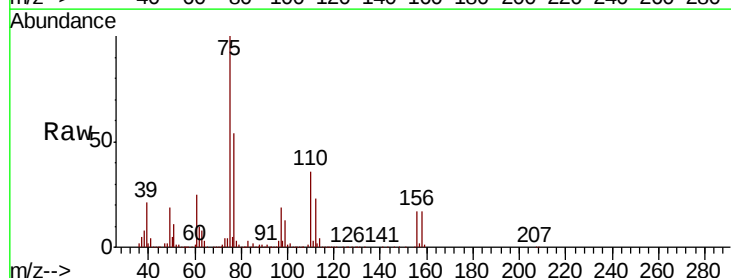
Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

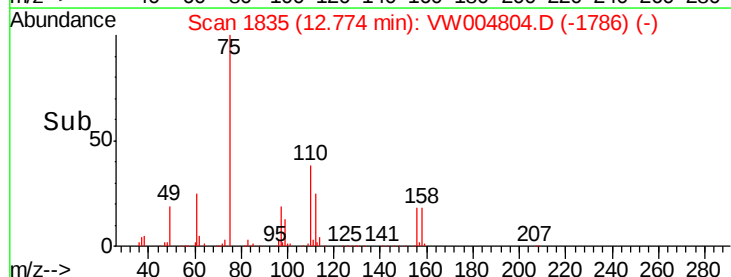
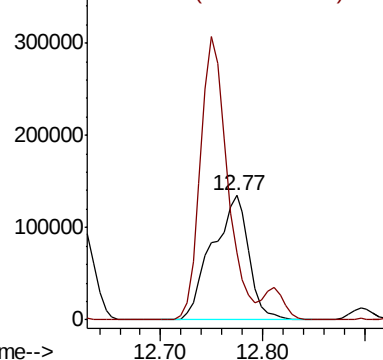
Tgt Ion: 75 Resp: 337054

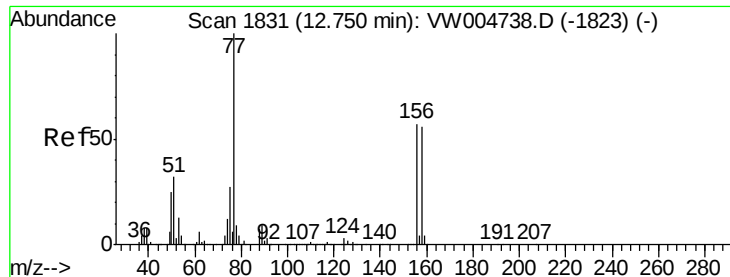
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

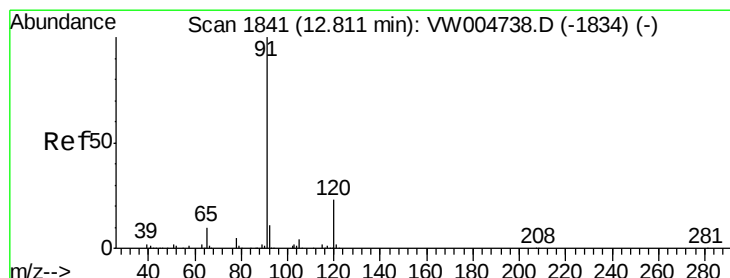
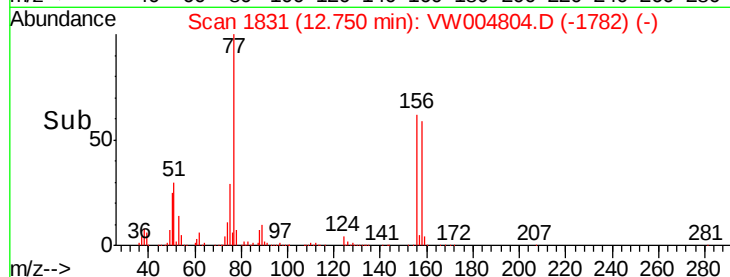
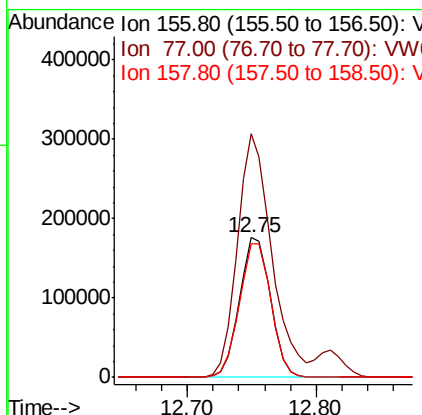
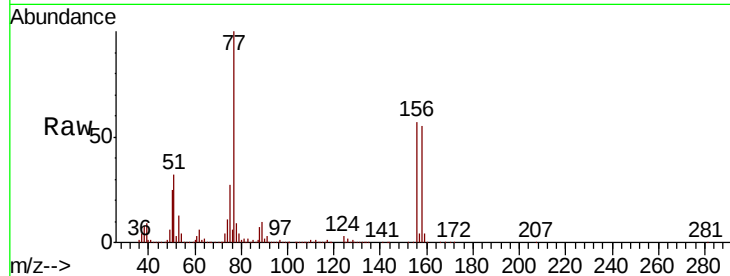




#77
Bromobenzene
Concen: 57.483 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

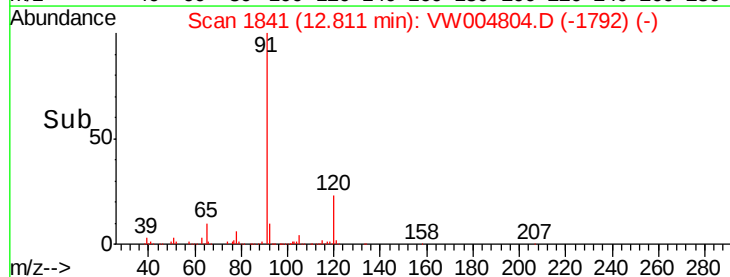
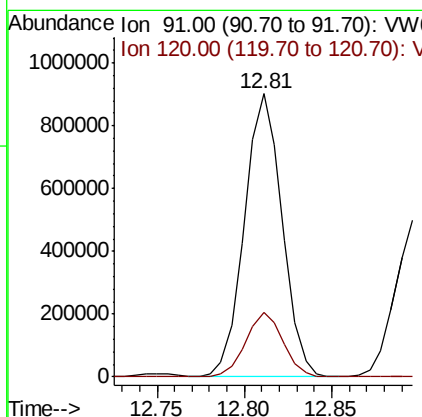
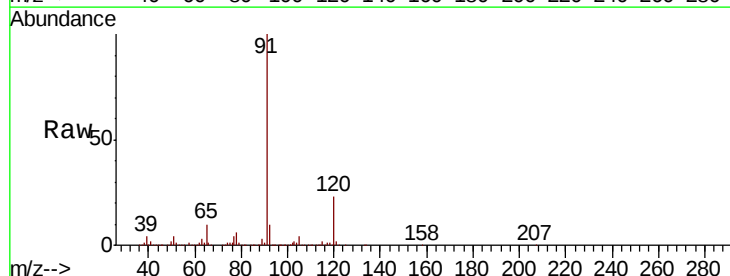
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MSD

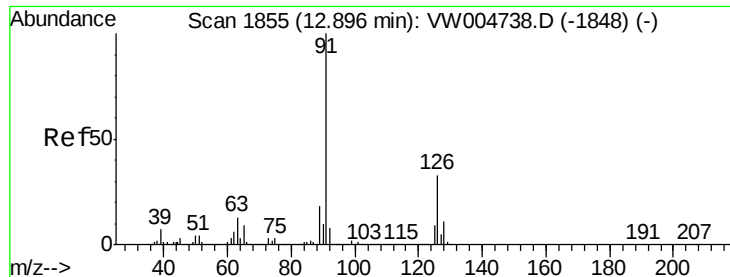
Tgt Ion: 156 Resp: 292181
Ion Ratio Lower Upper
156 100
77 193.4 94.2 282.4
158 97.5 48.6 145.9



#78
n-propylbenzene
Concen: 52.867 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

Tgt Ion: 91 Resp: 1354725
Ion Ratio Lower Upper
91 100
120 22.6 11.4 34.2





#79

2-Chlorotoluene

Concen: 55.207 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

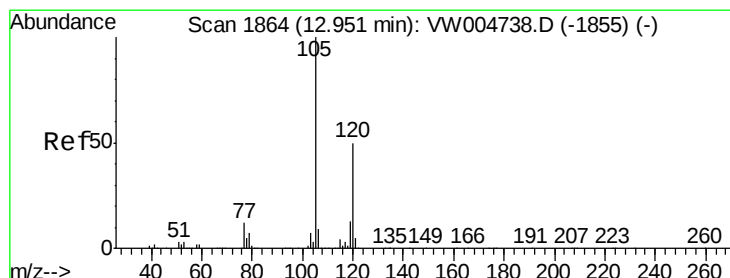
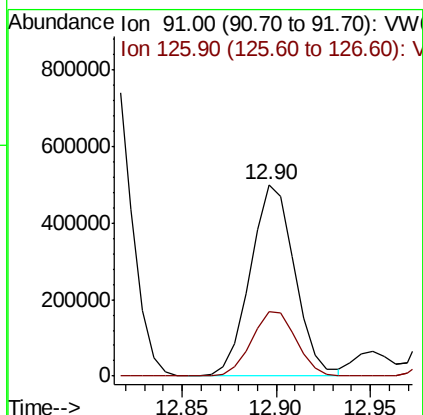
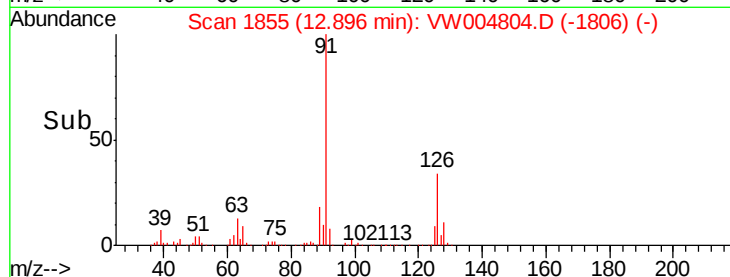
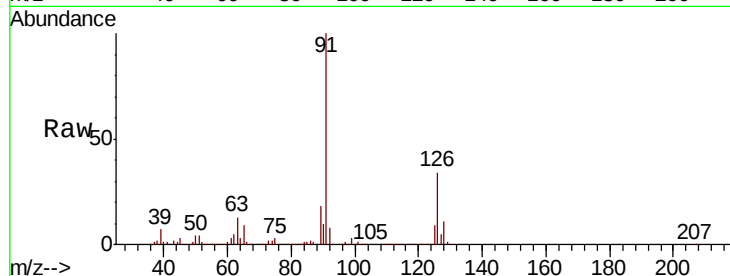
LSB-07(0-1)MSD

Tgt Ion: 91 Resp: 815433

Ion Ratio Lower Upper

91 100

126 33.9 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 55.454 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004804.D

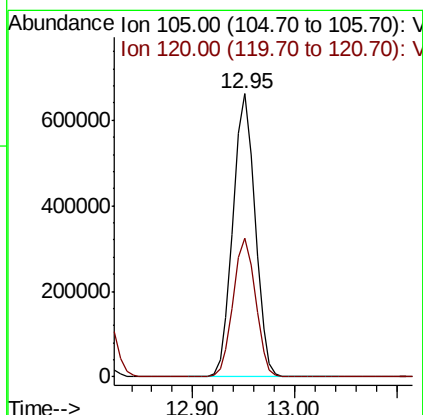
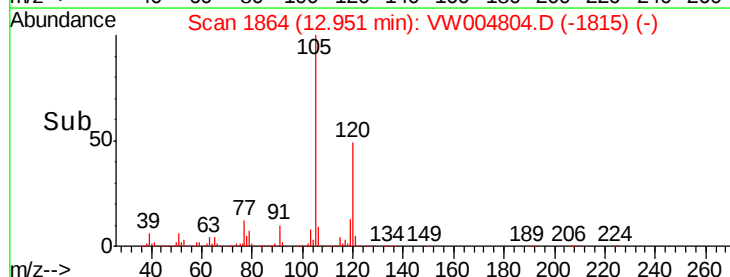
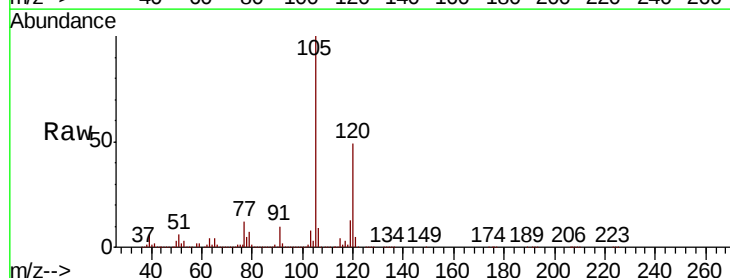
Acq: 20 Aug 2018 20:53

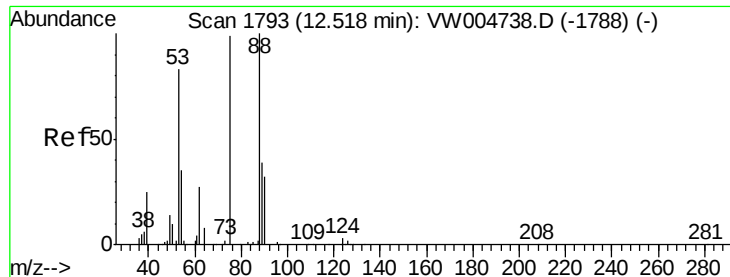
Tgt Ion: 105 Resp: 989316

Ion Ratio Lower Upper

105 100

120 49.5 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 63.524 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MSD

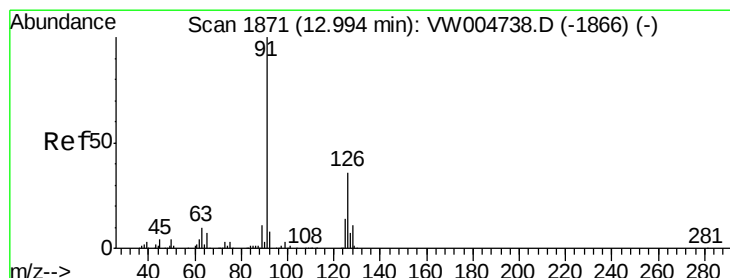
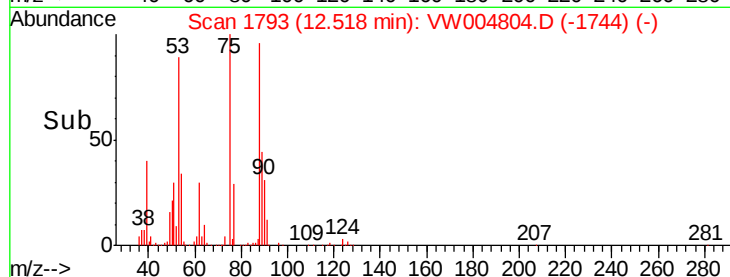
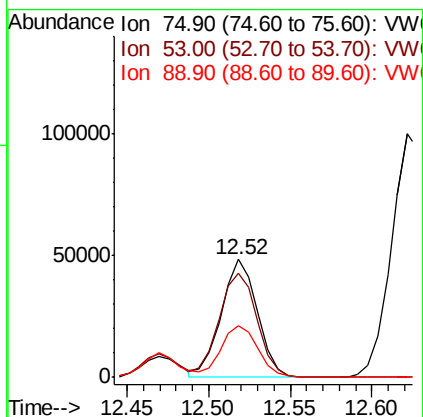
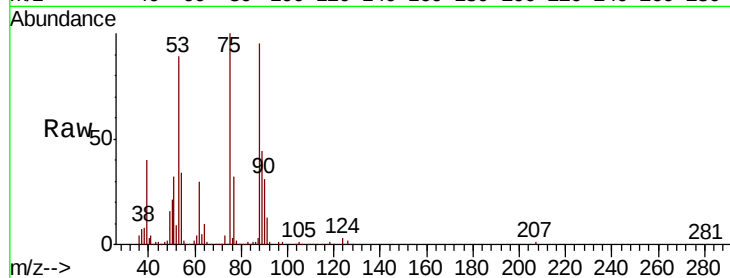
Tgt Ion: 75 Resp: 74368

Ion Ratio Lower Upper

75 100

53 93.3 72.2 108.4

89 44.5 35.2 52.8



#82

4-Chlorotoluene

Concen: 52.776 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004804.D

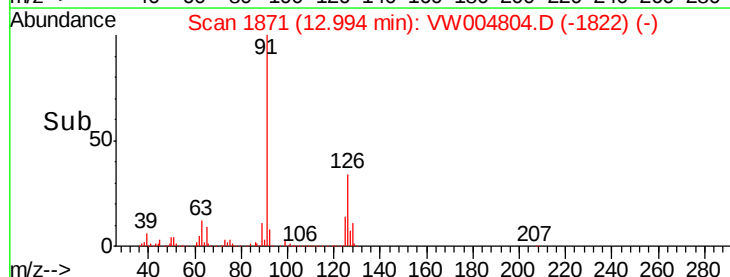
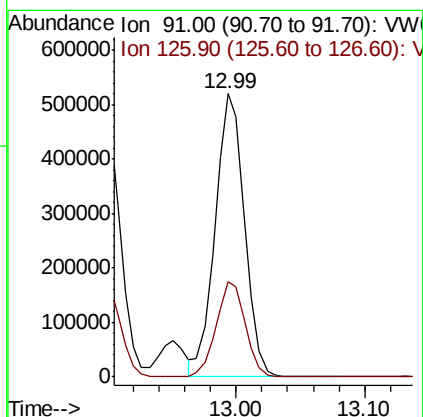
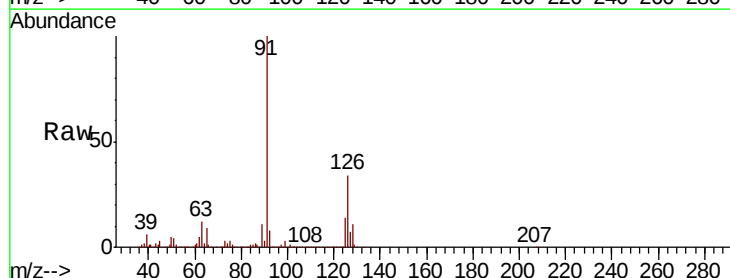
Acq: 20 Aug 2018 20:53

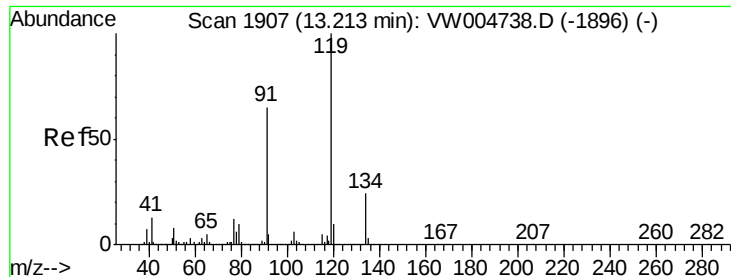
Tgt Ion: 91 Resp: 828254

Ion Ratio Lower Upper

91 100

126 33.5 16.9 50.7

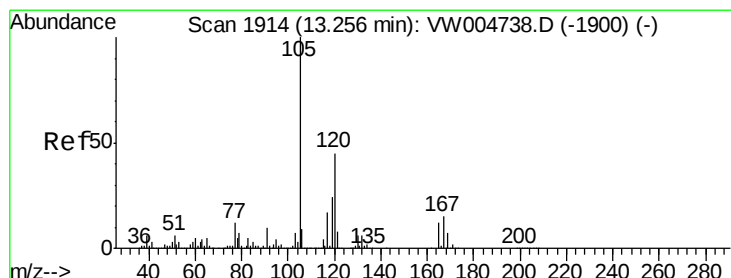
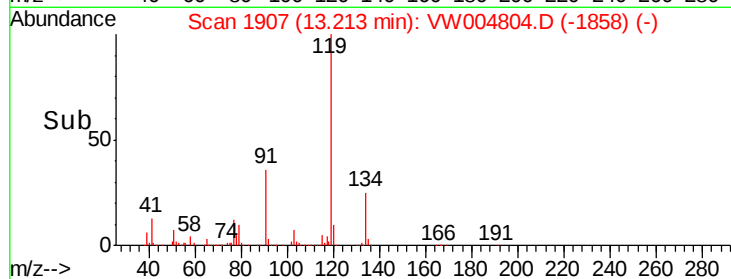
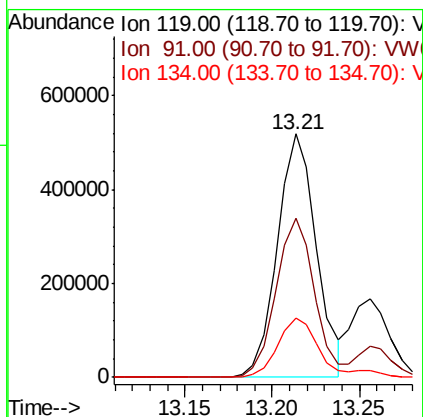
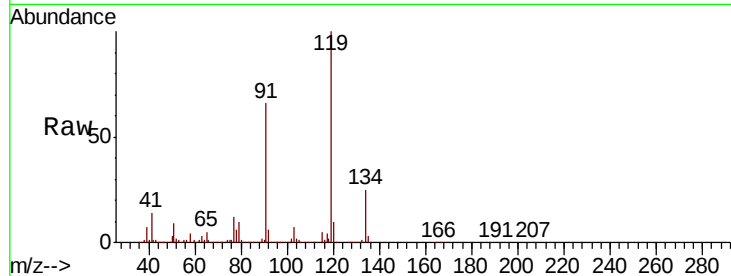




#83
 tert-Butylbenzene
 Concen: 52.989 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

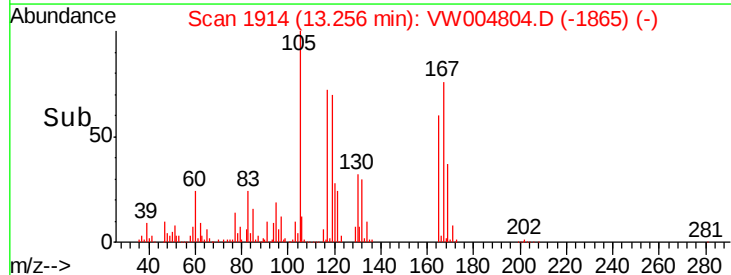
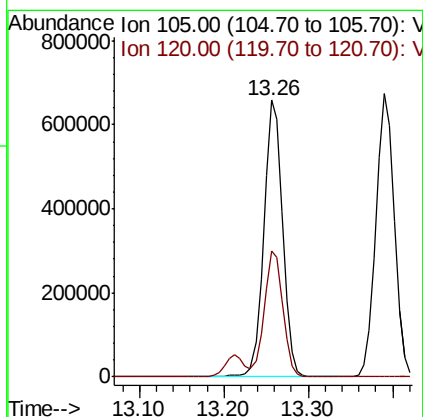
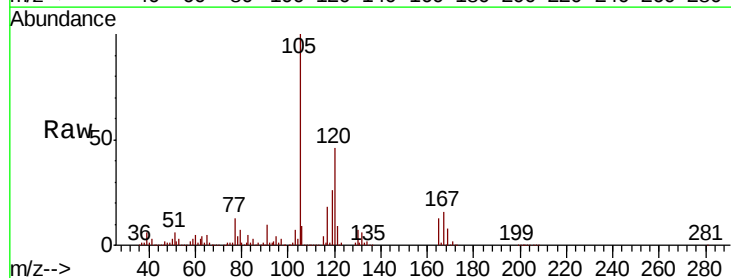
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MSD

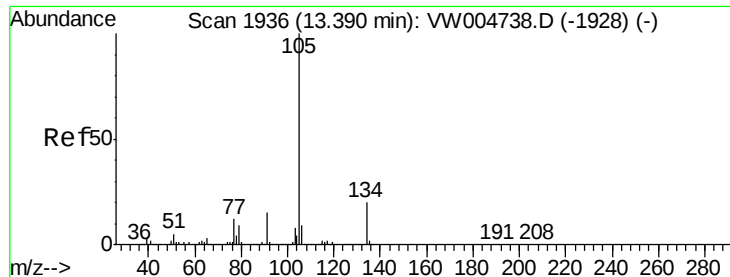
Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.3	32.6	97.8
134	24.9	13.1	39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 54.973 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.3

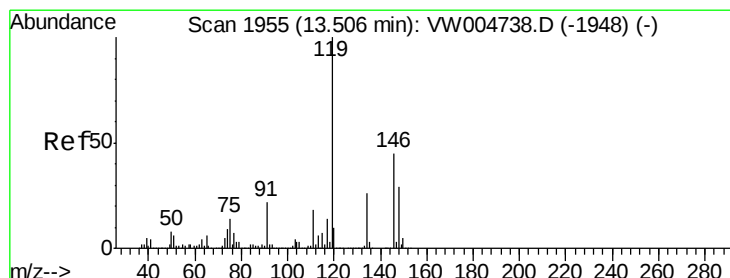
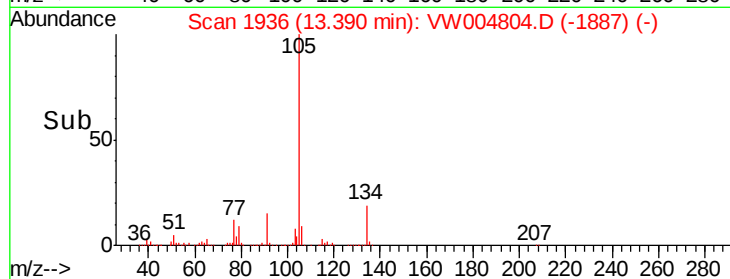
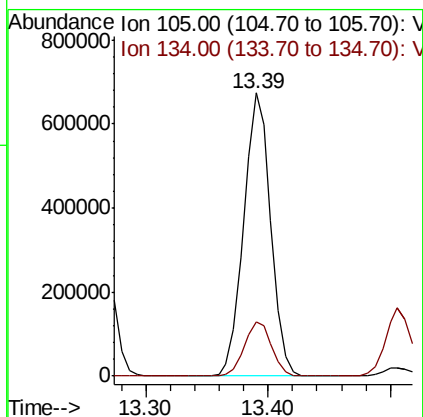
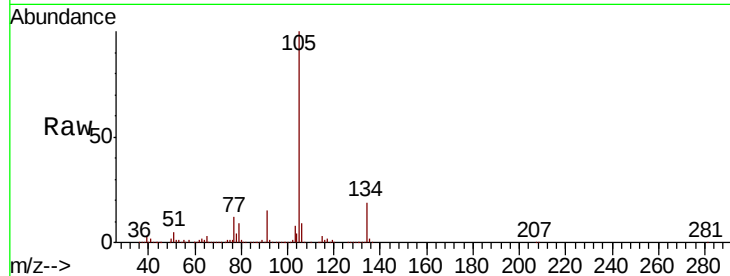




#85
 sec-Butylbenzene
 Concen: 45.088 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

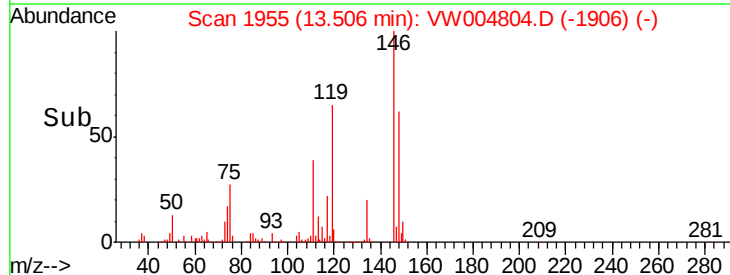
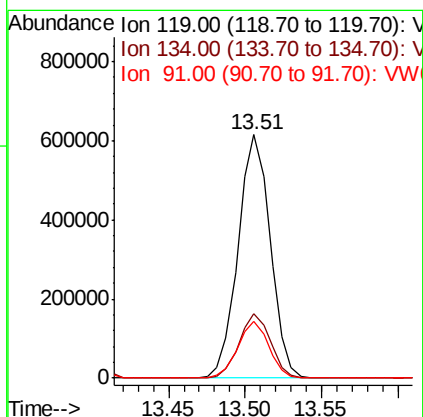
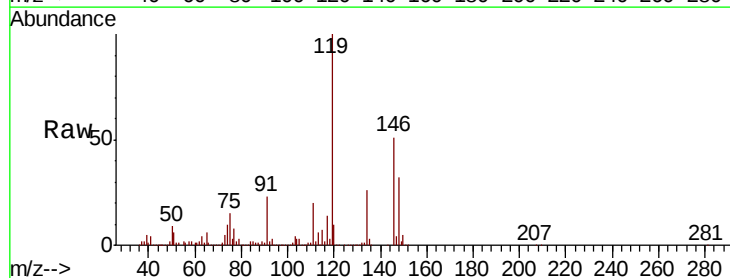
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MSD

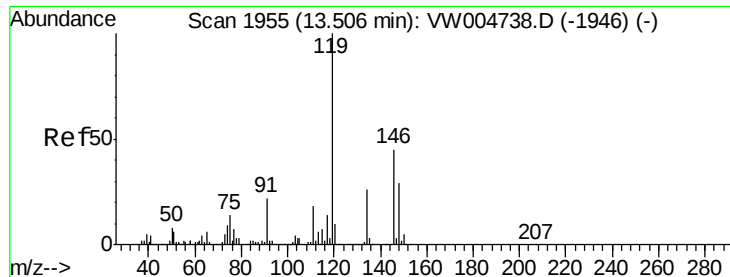
Tgt Ion:105 Resp: 1027200
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 45.218 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

Tgt Ion:119 Resp: 896346
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 22.4 11.2 33.5

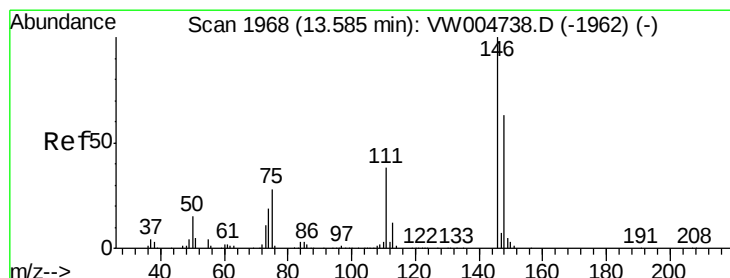
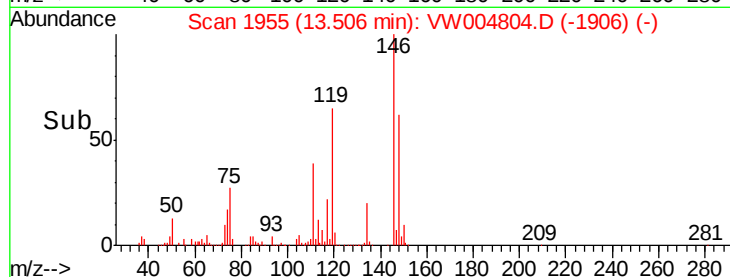
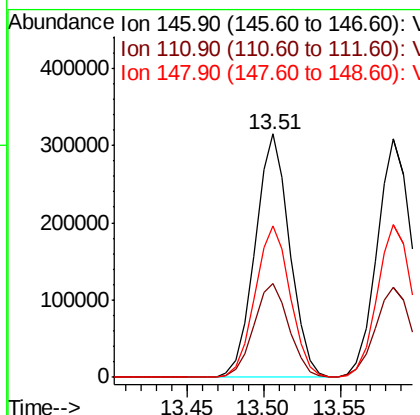
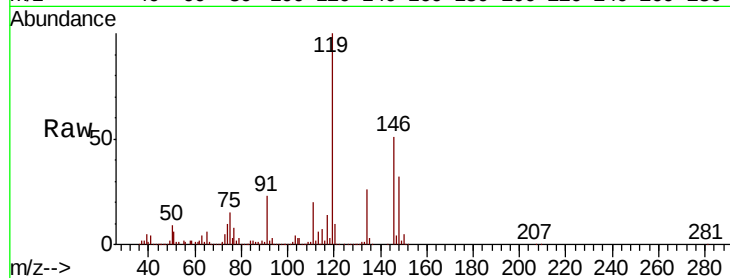




#87
 1,3-Dichlorobenzene
 Concen: 47.691 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

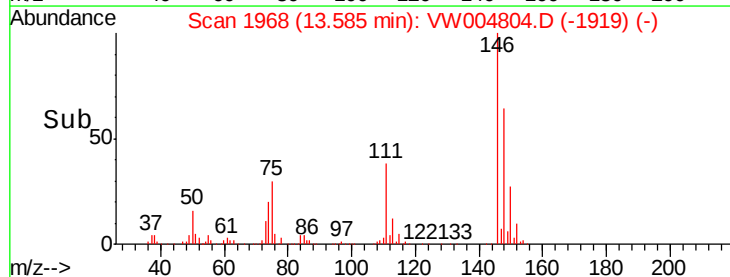
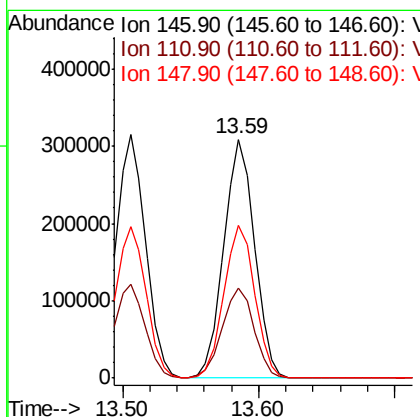
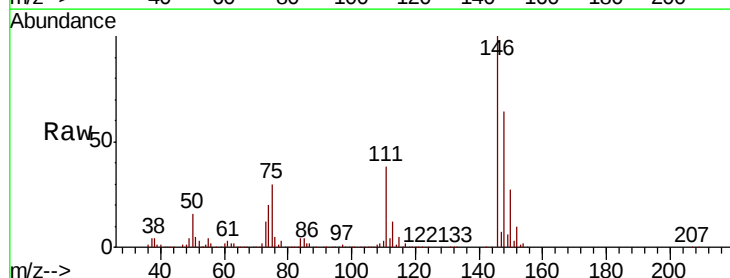
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MSD

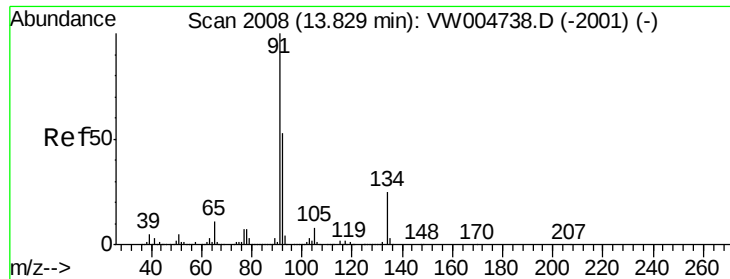
Tgt Ion:146 Resp: 493071
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.8 59.4
 148 63.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 47.095 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

Tgt Ion:146 Resp: 486714
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.3 57.8
 148 64.1 31.8 95.3





#89

n-Butylbenzene

Concen: 33.802 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MSD

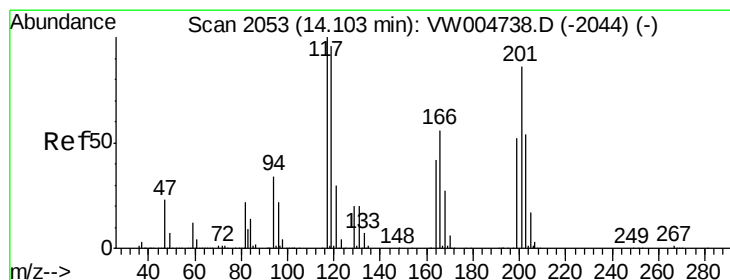
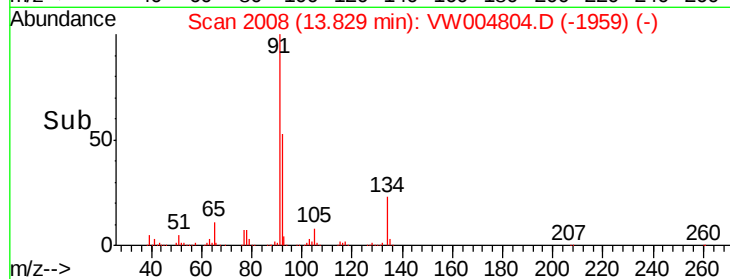
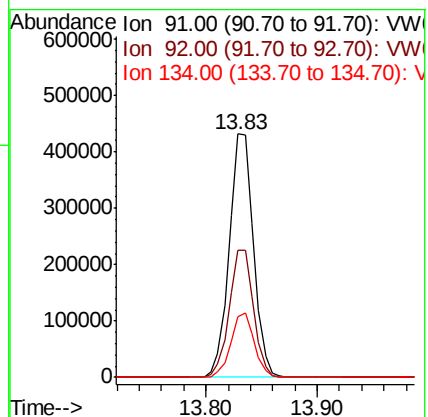
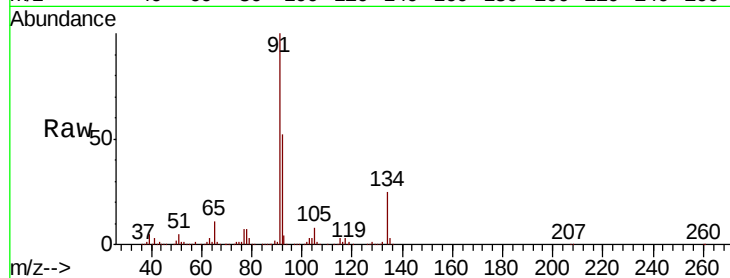
Tgt Ion: 91 Resp: 647846

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.2

134 25.5 12.8 38.3



#90

Hexachloroethane

Concen: 46.172 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW004804.D

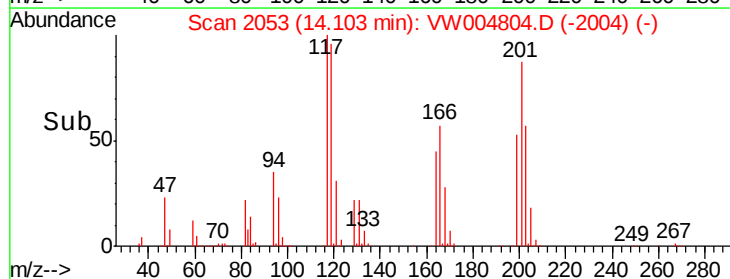
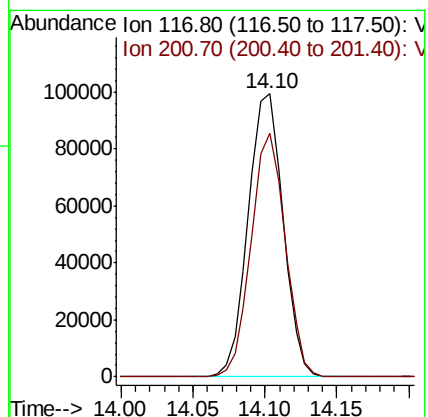
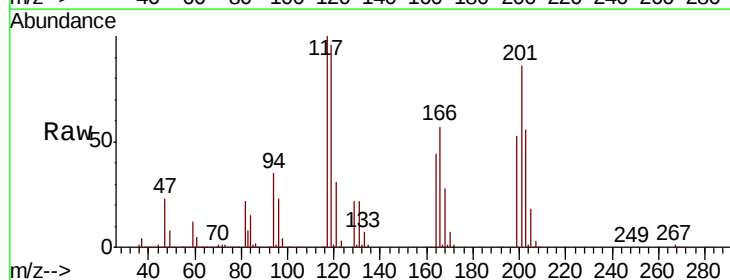
Acq: 20 Aug 2018 20:53

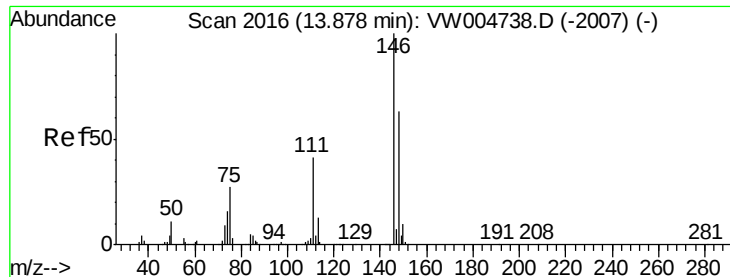
Tgt Ion: 117 Resp: 166831

Ion Ratio Lower Upper

117 100

201 84.0 42.4 127.2





#91

1,2-Dichlorobenzene

Concen: 49.483 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MSD

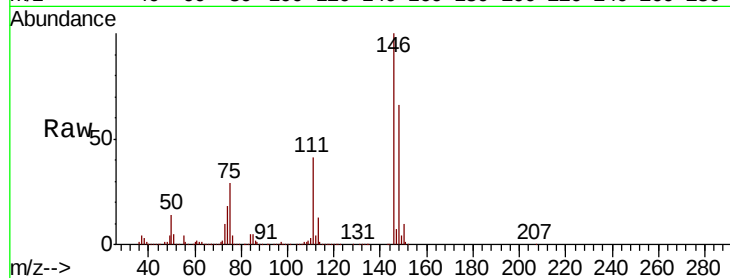
Tgt Ion: 146 Resp: 459512

Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.3

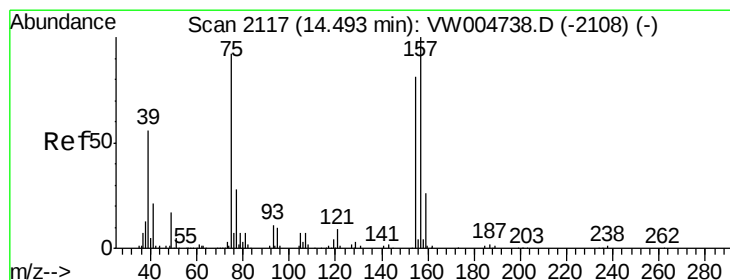
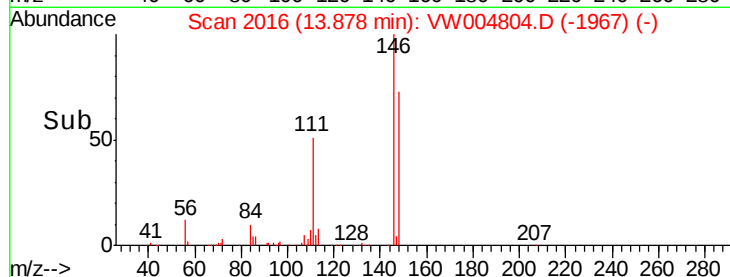
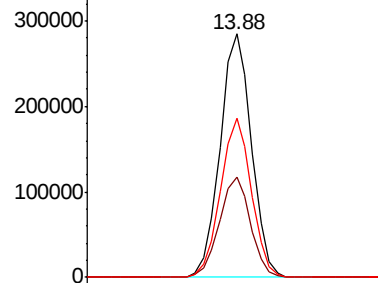
148 64.5 31.6 95.0



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: 67.925 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW004804.D

Acq: 20 Aug 2018 20:53

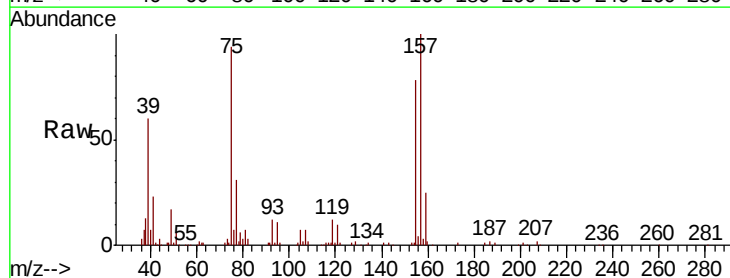
Tgt Ion: 75 Resp: 41296

Ion Ratio Lower Upper

75 100

155 83.8 43.3 129.9

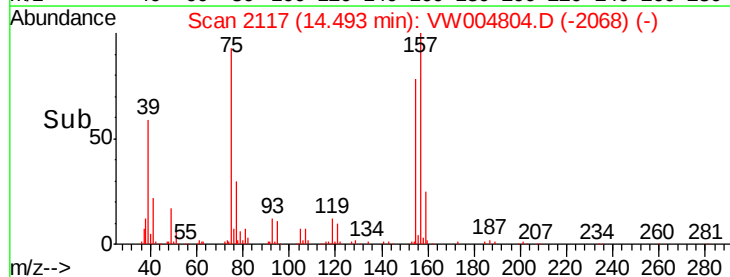
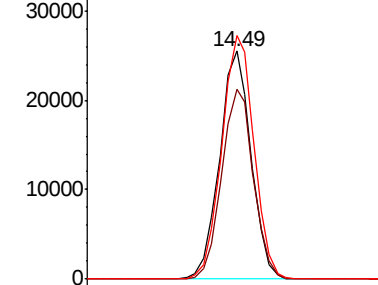
157 109.3 54.5 163.6

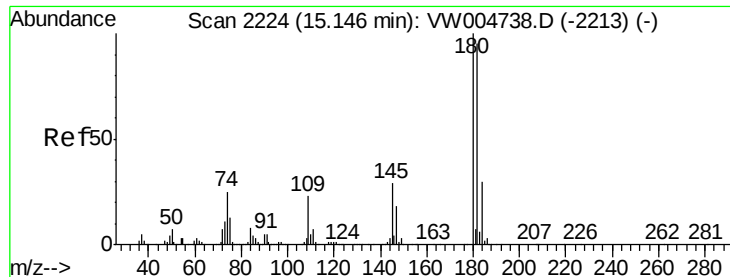


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

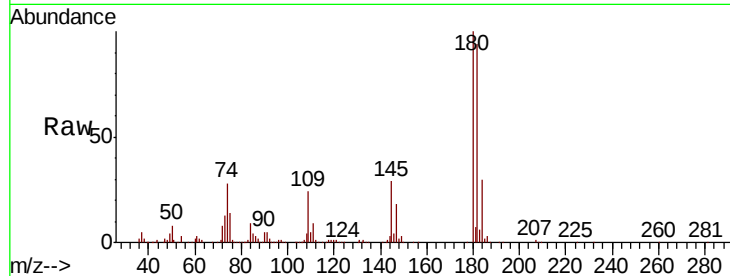




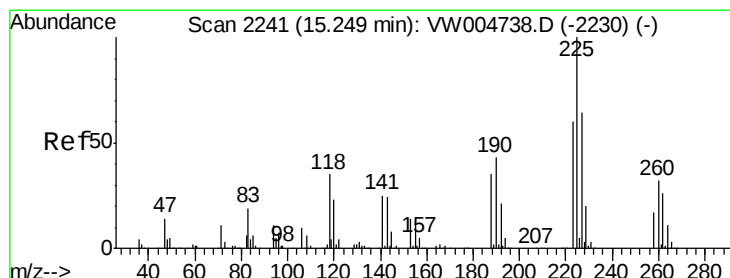
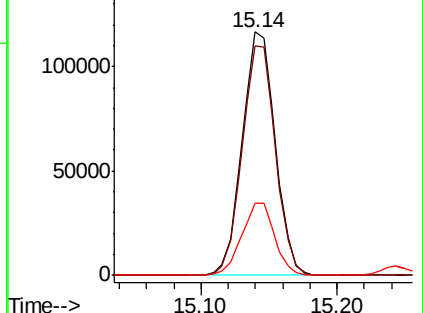
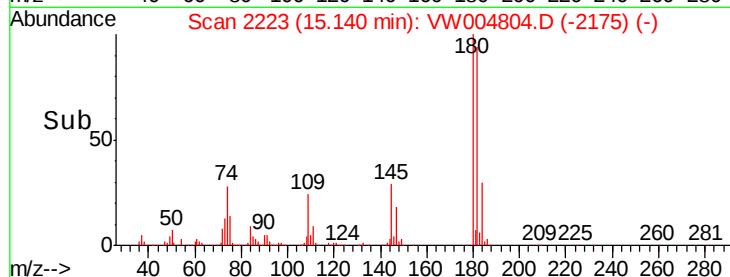
#93
 1,2,4-Trichlorobenzene
 Concen: 30.062 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MSD

Tgt Ion:180 Resp: 197448
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 141.8
 145 29.6 14.6 43.8

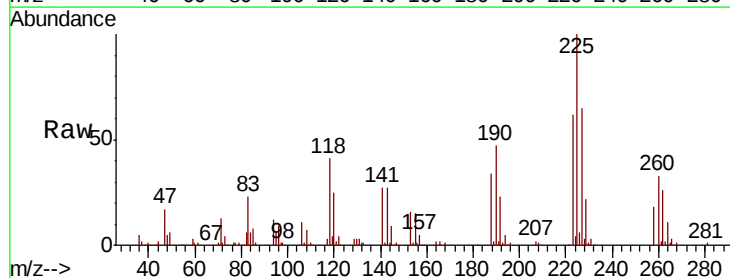


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

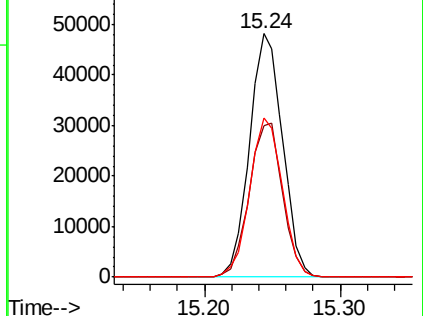
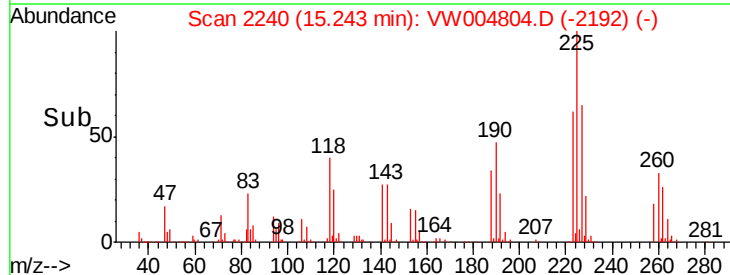


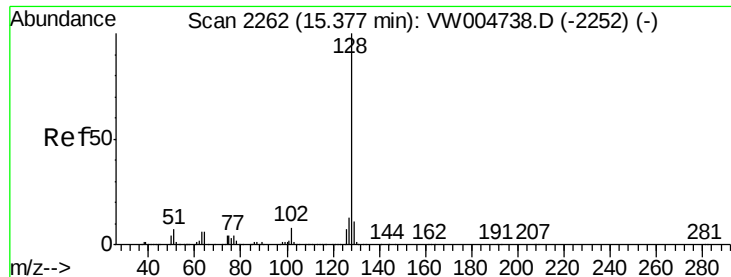
#94
 Hexachlorobutadiene
 Concen: 20.366 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004804.D
 Acq: 20 Aug 2018 20:53

Tgt Ion:225 Resp: 82106
 Ion Ratio Lower Upper
 225 100
 223 63.7 30.9 92.5
 227 64.6 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

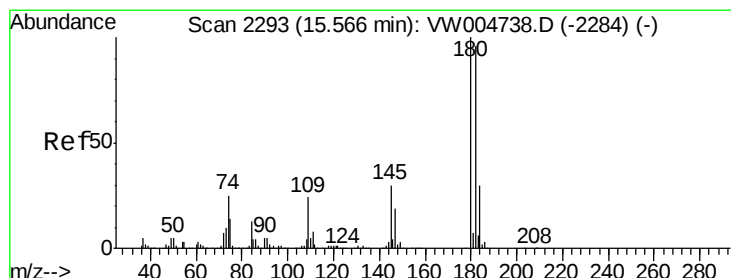
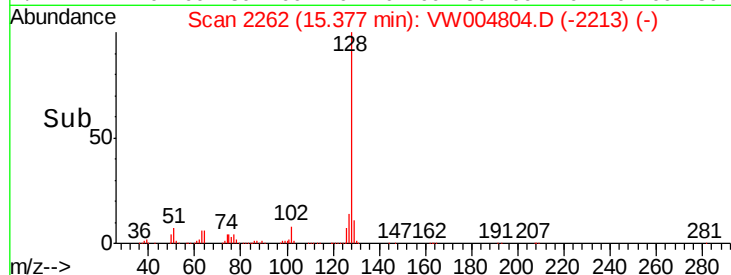
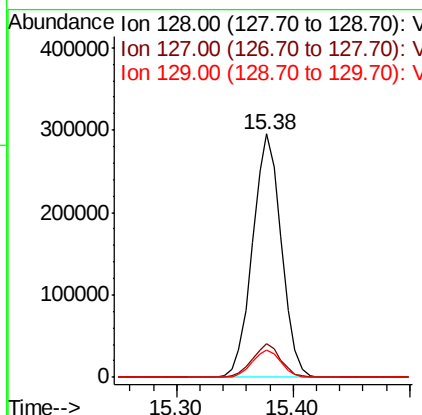
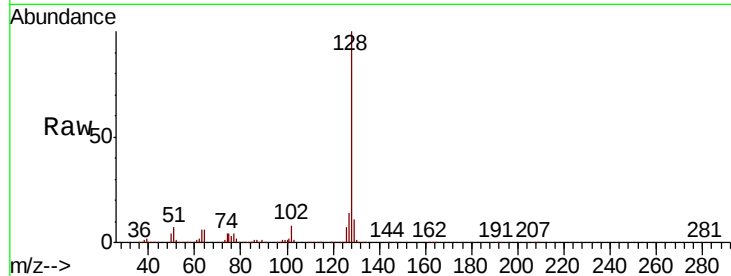




#95
Naphthalene
Concen: 40.764 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MSD

Tgt Ion	Resp	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 30.479 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004804.D
Acq: 20 Aug 2018 20:53

Tgt Ion	Resp	Lower	Upper
180	100		
182	96.0	47.3	142.0
145	31.1	15.4	46.1

