

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082018\
 Data File : VW004803.D
 Acq On : 20 Aug 2018 20:28
 Operator : SY/AP
 Sample : J4499-08MS
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Aug 21 00:58:10 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	570987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	842644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	717784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	305694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	288563	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
35) Dibromofluoromethane	7.89	113	287763	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	10.33	98	1039687	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.62	95	323394	42.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	190936	50.483	ug/l	95
3) Chloromethane	2.22	50	218468	44.179	ug/l	100
4) Vinyl Chloride	2.37	62	392473	53.919	ug/l	98
5) Bromomethane	2.78	94	220679	49.090	ug/l	100
6) Chloroethane	2.93	64	239059	54.430	ug/l	100
7) Trichlorofluoromethane	3.26	101	197687	57.650	ug/l	100
8) Diethyl Ether	3.68	74	175447	56.588	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	301301	51.026	ug/l	100
10) Methyl Iodide	4.27	142	419711	46.803	ug/l	99
11) Tert butyl alcohol	5.21	59	91589	296.973	ug/l	100
12) 1,1-Dichloroethene	4.03	96	297152	50.500	ug/l	99
13) Acrolein	3.90	56	31980	77.272	ug/l	97
14) Allyl chloride	4.67	41	464538	52.022	ug/l	100
15) Acrylonitrile	5.37	53	338100	260.032	ug/l	100
16) Acetone	4.14	43	423469	300.503	ug/l	99
17) Carbon Disulfide	4.38	76	899412	46.512	ug/l	100
18) Methyl Acetate	4.68	43	478473	158.443	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	469391	61.453	ug/l	99
20) Methylene Chloride	4.92	84	388975	61.442	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	309448	49.427	ug/l	98
22) Diisopropyl ether	6.31	45	966344	56.303	ug/l	97
23) Vinyl Acetate	6.26	43	305331	31.451	ug/l	99
24) 1,1-Dichloroethane	6.21	63	590677	52.959	ug/l	99
25) 2-Butanone	7.18	43	582985	290.354	ug/l	100
26) 2,2-Dichloropropane	7.17	77	329044	51.078	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	342195	50.771	ug/l	99
28) Bromochloromethane	7.52	49	252200	53.696	ug/l	98
29) Tetrahydrofuran	7.54	42	313734	306.427	ug/l	99
30) Chloroform	7.68	83	576617	52.566	ug/l	99
31) Cyclohexane	7.96	56	471326	43.689	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	453720	52.180	ug/l	99
36) 1,1-Dichloropropene	8.09	75	418731	48.237	ug/l	99
37) Ethyl Acetate	7.26	43	107005	30.923	ug/l	99
38) Carbon Tetrachloride	8.07	117	407076	50.944	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	395218	36.406	ug/l	98
40) Benzene	8.33	78	1289310	51.107	ug/l	99
41) Methacrylonitrile	7.49	41	96109	48.939	ug/l	94
42) 1,2-Dichloroethane	8.40	62	352186	54.441	ug/l	99
43) Isopropyl Acetate	8.43	43	236637	38.071	ug/l	94
44) Trichloroethene	9.10	130	307253	47.979	ug/l	99
45) 1,2-Dichloropropane	9.37	63	330981	53.635	ug/l	98
46) Dibromomethane	9.46	93	164696	53.872	ug/l	99
47) Bromodichloromethane	9.65	83	384035	52.599	ug/l	99
48) Methyl methacrylate	9.44	41	209913	71.972	ug/l	96
49) 1,4-Dioxane	9.48	88	53885	1206.422	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	1271039	302.570	ug/l	100
52) Toluene	10.39	92	751274	49.654	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	367810	50.001	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	442392	50.446	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	238090	54.788	ug/l	100
56) Ethyl methacrylate	10.65	69	179901	32.779	ug/l	99
57) 1,3-Dichloropropane	10.94	76	407980	54.388	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	697736	290.730	ug/l	99
59) 2-Hexanone	10.98	43	833805	292.940	ug/l	100
60) Dibromochloromethane	11.13	129	256842	52.679	ug/l	99
61) 1,2-Dibromoethane	11.24	107	218741	52.659	ug/l	99
64) Tetrachloroethene	10.87	164	254691	51.920	ug/l	97
65) Chlorobenzene	11.66	112	762492	49.356	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	289823	55.560	ug/l	99
67) Ethyl Benzene	11.74	91	1321474	50.457	ug/l	99
68) m/p-Xylenes	11.84	106	1035604	101.634	ug/l	100
69) o-Xylene	12.17	106	493771	52.346	ug/l	99
70) Styrene	12.19	104	786607	49.643	ug/l	99
71) Bromoform	12.35	173	152102	55.244	ug/l #	98
73) Isopropylbenzene	12.47	105	1223932	58.852	ug/l	100
74) N-amyl acetate	12.28	43	92652	21.512	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	283677	73.634	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	342164	126.974	ug/l #	100
77) Bromobenzene	12.75	156	295295	58.662	ug/l	96
78) n-propylbenzene	12.81	91	1350765	53.227	ug/l	99
79) 2-Chlorotoluene	12.90	91	816746	55.835	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	995098	56.322	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	77289	66.663	ug/l	98
82) 4-Chlorotoluene	12.99	91	819470	52.725	ug/l	99
83) tert-Butylbenzene	13.21	119	818498	54.162	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1023091	56.283	ug/l	100
85) sec-Butylbenzene	13.39	105	1031512	45.718	ug/l	100
86) p-Isopropyltoluene	13.51	119	905435	46.121	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	497536	48.591	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	497219	48.580	ug/l	99
89) n-Butylbenzene	13.83	91	670000	35.299	ug/l	99
90) Hexachloroethane	14.10	117	166803	46.614	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	468892	50.985	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	42881	71.219	ug/l	98

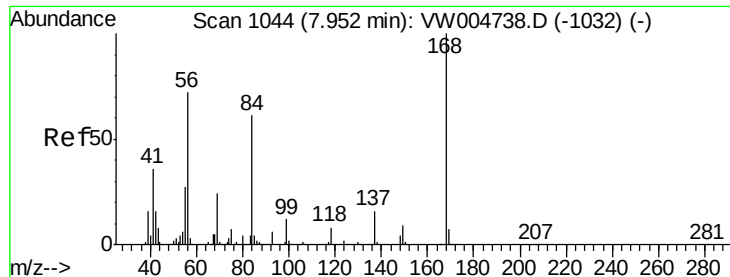
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	209239	32.167	ug/l	100
94) Hexachlorobutadiene	15.24	225	85622	21.445	ug/l	100
95) Naphthalene	15.38	128	533200	42.846	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	188175	32.623	ug/l	100

(#) = 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: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

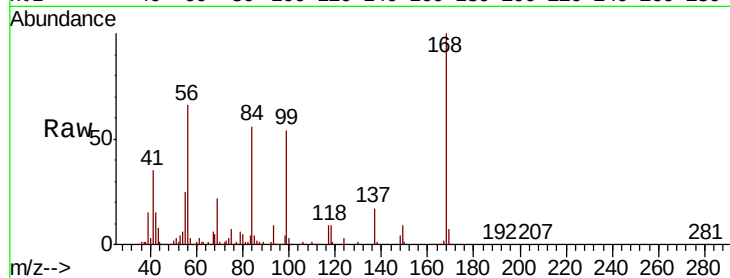
LSB-07(0-1)MS

Tgt Ion:168 Resp: 570987

Ion Ratio Lower Upper

168 100

99 54.1 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

150000

100000

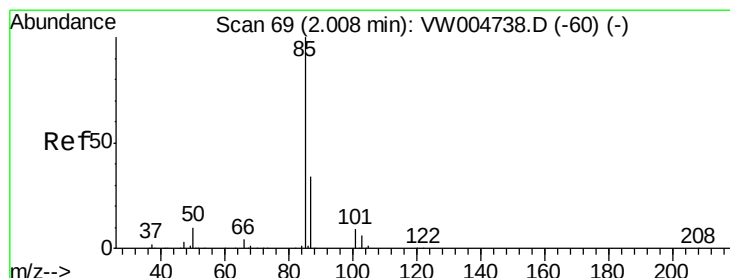
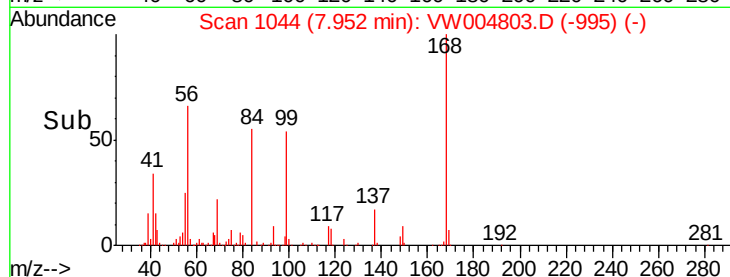
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 50.483 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004803.D

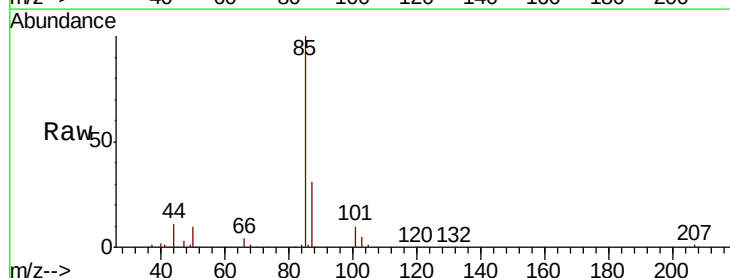
Acq: 20 Aug 2018 20:28

Tgt Ion: 85 Resp: 190936

Ion Ratio Lower Upper

85 100

87 30.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

50000

40000

30000

20000

10000

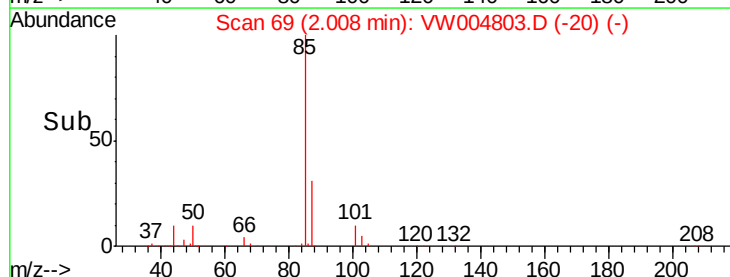
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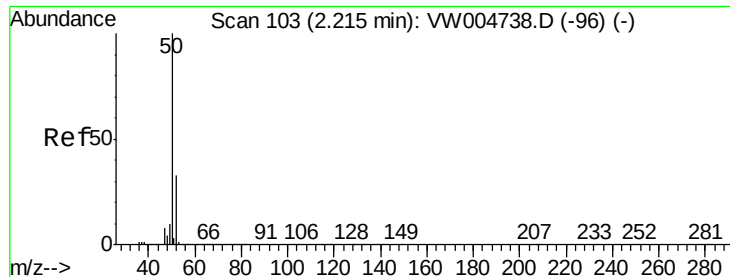
1.80

2.00

2.20

Time-->





#3

Chloromethane

Concen: 44.179 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

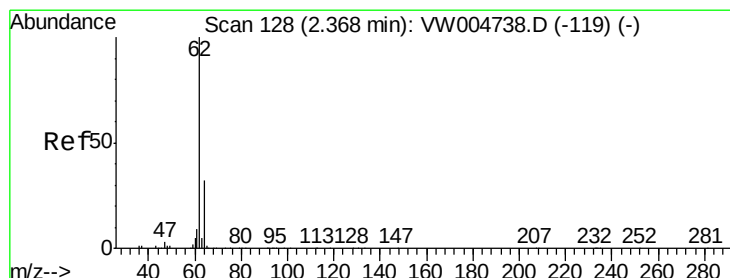
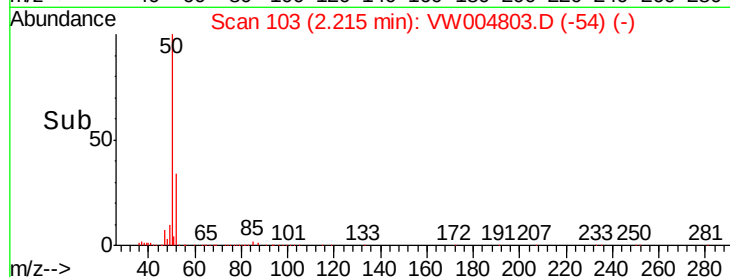
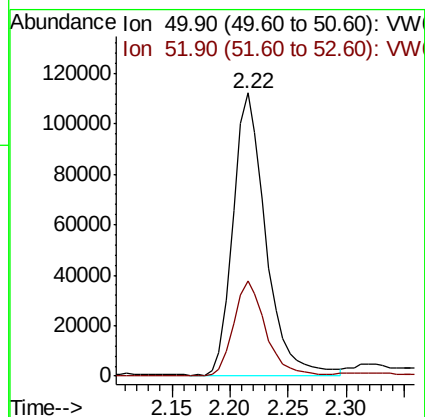
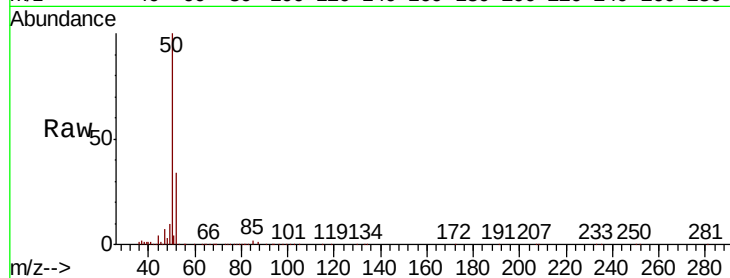
LSB-07(0-1)MS

Tgt Ion: 50 Resp: 218468

Ion Ratio Lower Upper

50 100

52 33.5 26.7 40.1



#4

Vinyl Chloride

Concen: 53.919 ug/l

RT: 2.37 min Scan# 128

Delta R.T. -0.00 min

Lab File: VW004803.D

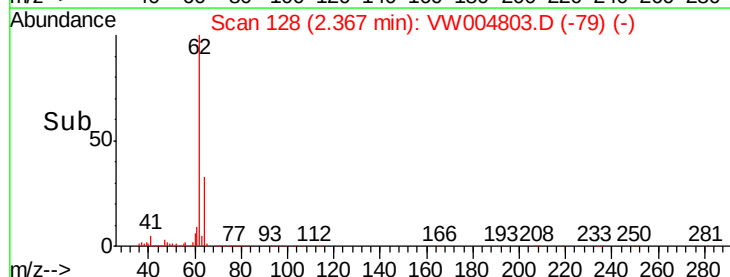
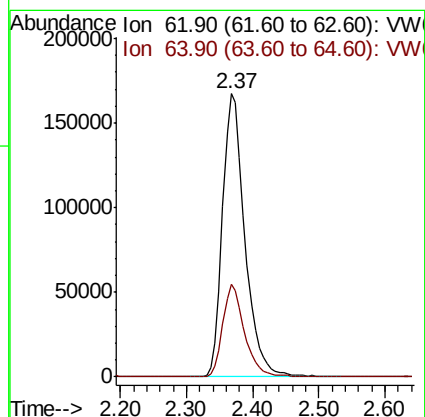
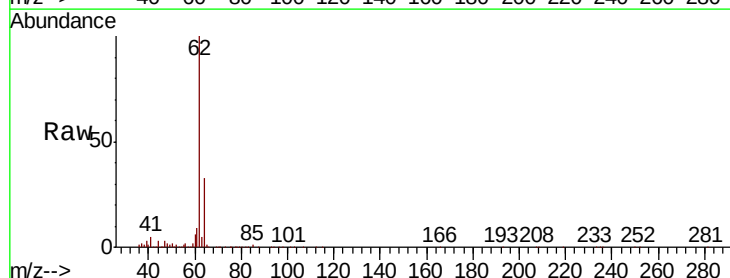
Acq: 20 Aug 2018 20:28

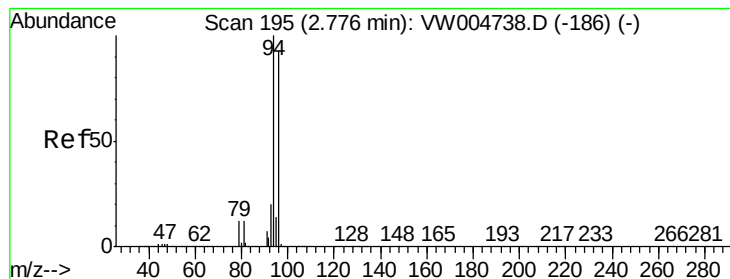
Tgt Ion: 62 Resp: 392473

Ion Ratio Lower Upper

62 100

64 32.6 25.2 37.8





#5

Bromomethane

Concen: 49.090 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

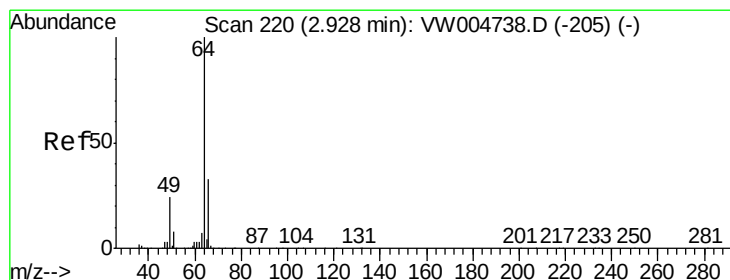
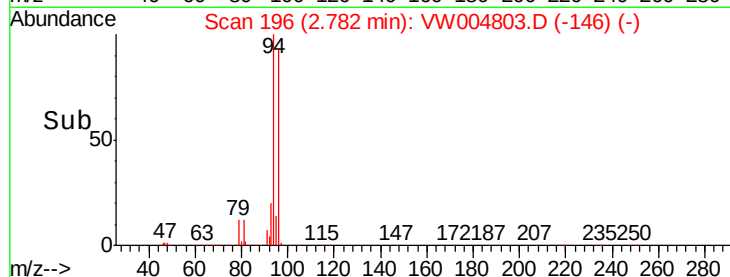
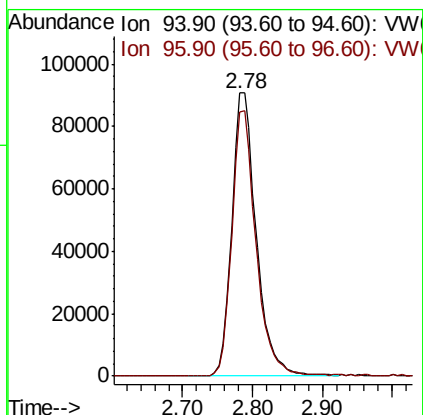
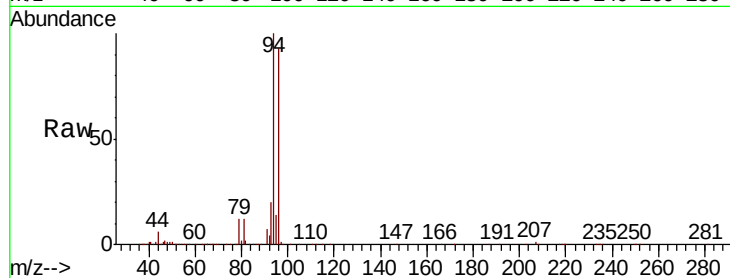
LSB-07(0-1)MS

Tgt Ion: 94 Resp: 220679

Ion Ratio Lower Upper

94 100

96 92.9 74.3 111.5



#6

Chloroethane

Concen: 54.430 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004803.D

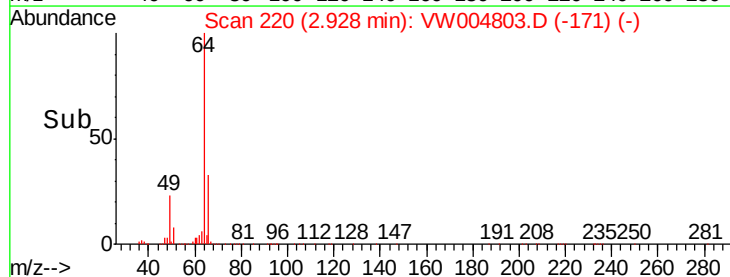
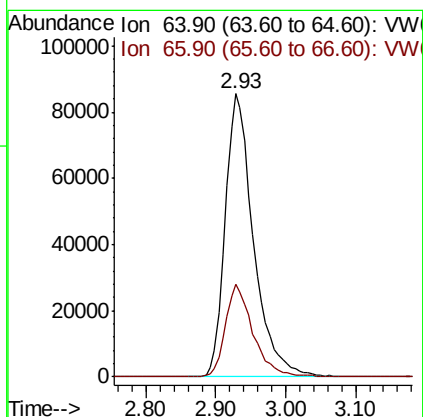
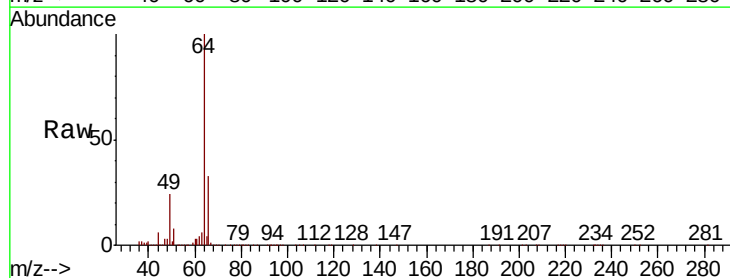
Acq: 20 Aug 2018 20:28

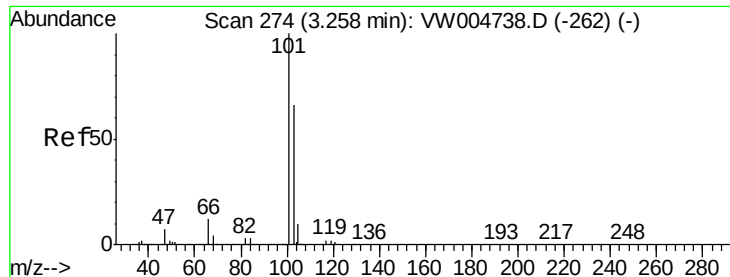
Tgt Ion: 64 Resp: 239059

Ion Ratio Lower Upper

64 100

66 32.8 26.1 39.1



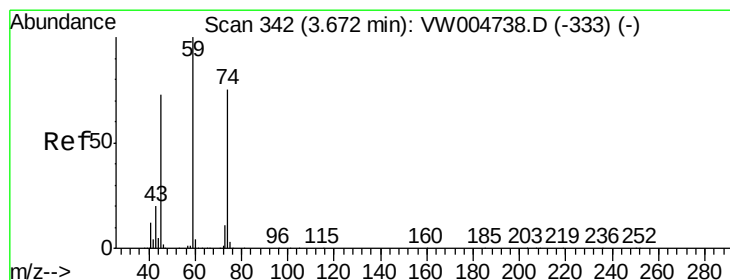
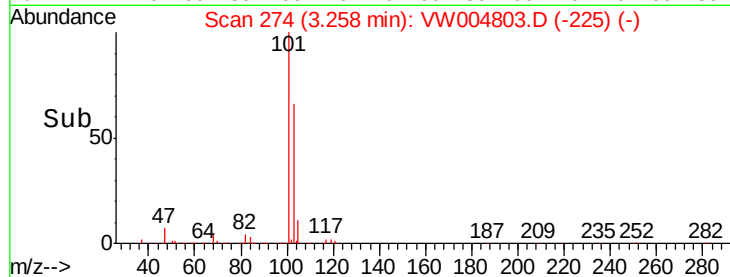
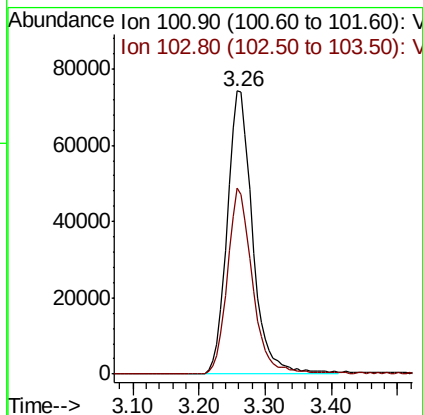
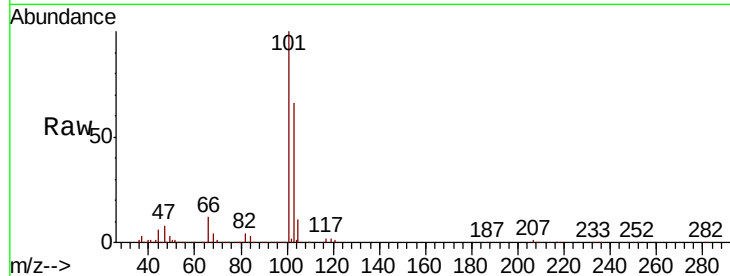


#7

Trichlorofluoromethane
 Concen: 57.650 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VW004803.D
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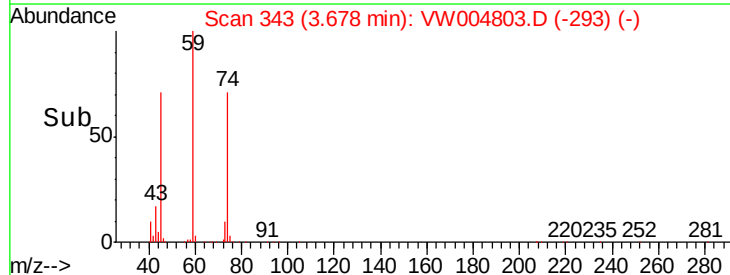
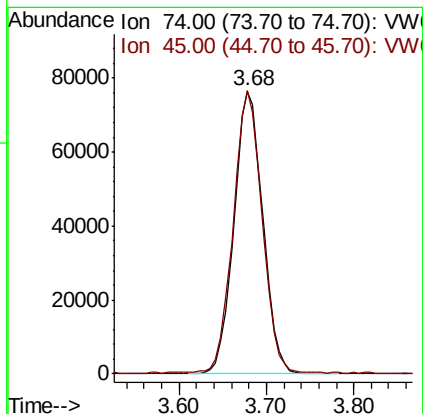
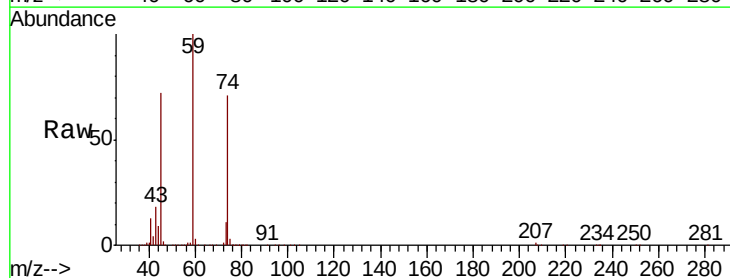
Tgt Ion: 101 Resp: 197687
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.5 78.7

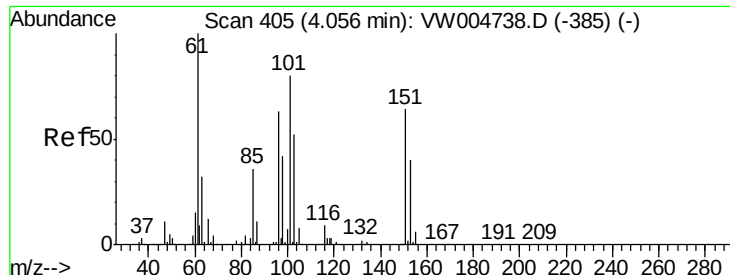


#8

Diethyl Ether
 Concen: 56.588 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

Tgt Ion: 74 Resp: 175447
 Ion Ratio Lower Upper
 74 100
 45 100.0 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.026 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MS

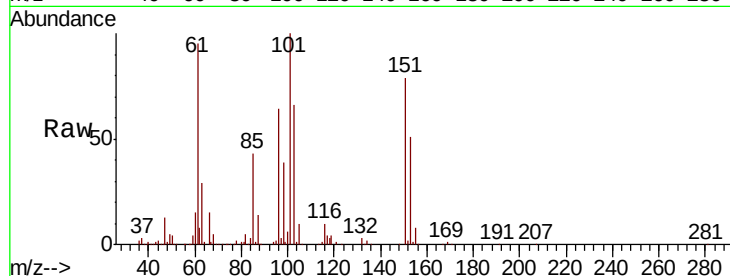
Tgt Ion:101 Resp: 301301

Ion Ratio Lower Upper

101 100

85 42.2 33.9 50.9

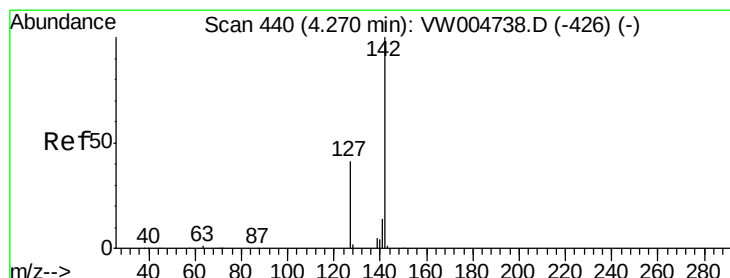
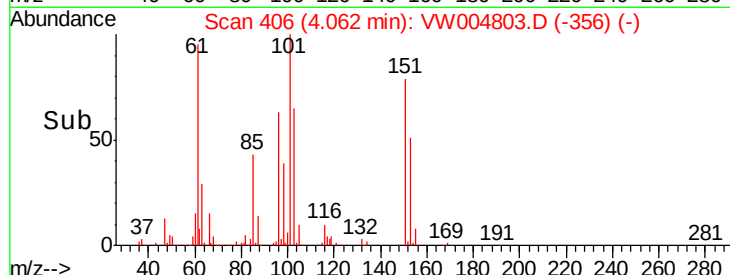
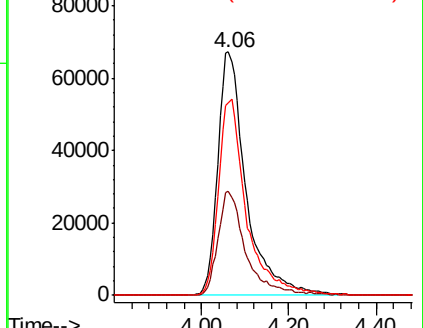
151 79.5 63.4 95.2



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: 46.803 ug/l

RT: 4.27 min Scan# 440

Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

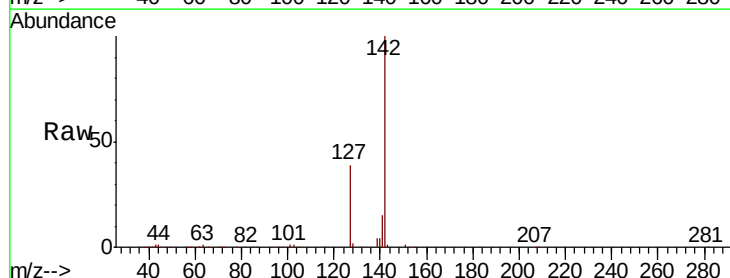
Tgt Ion:142 Resp: 419711

Ion Ratio Lower Upper

142 100

127 39.6 32.1 48.1

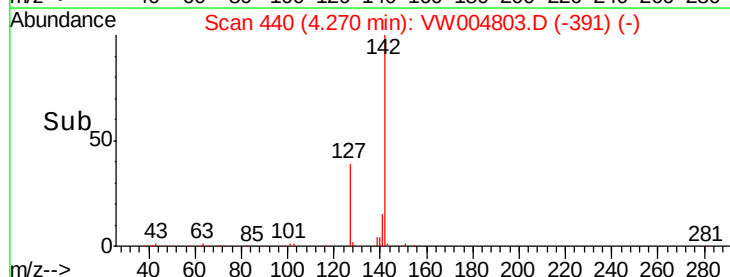
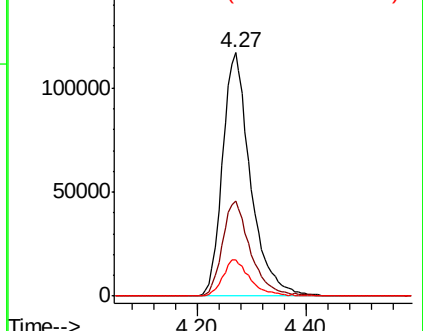
141 14.6 11.7 17.5

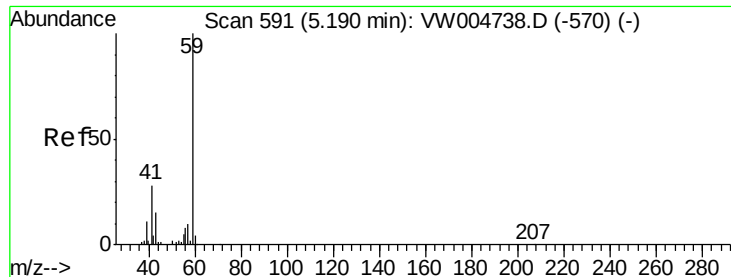


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



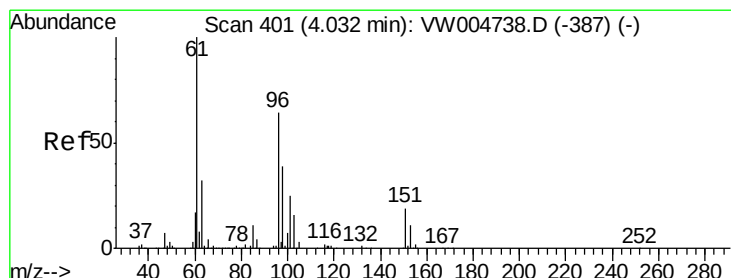
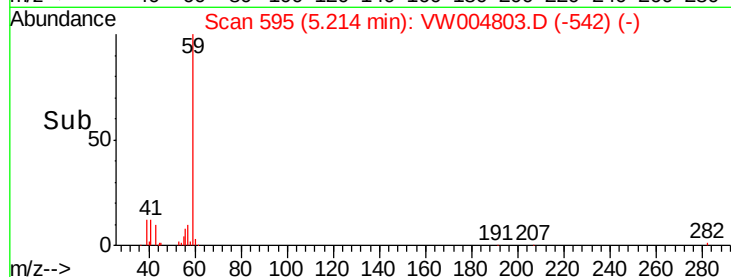
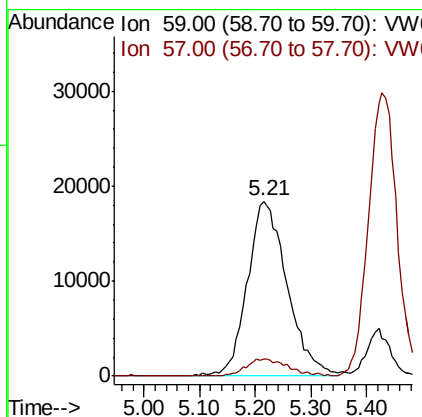
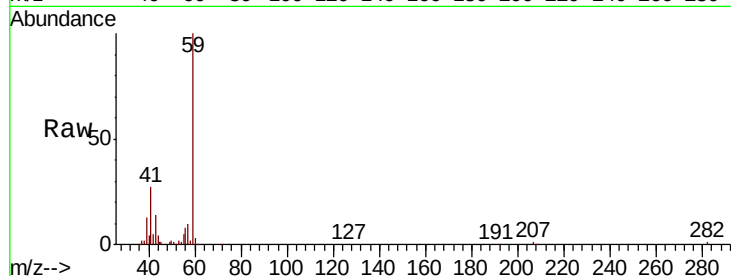


#11

Tert butyl alcohol
Concen: 296.973 ug/l
RT: 5.21 min Scan# 595
Delta R.T. 0.02 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

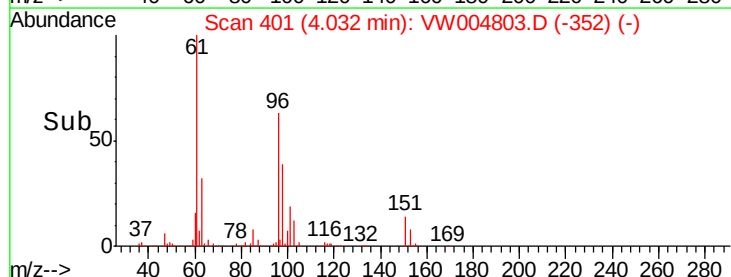
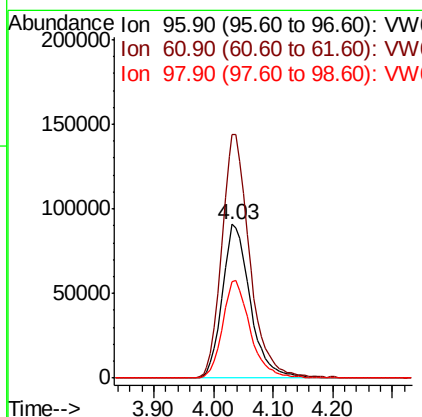
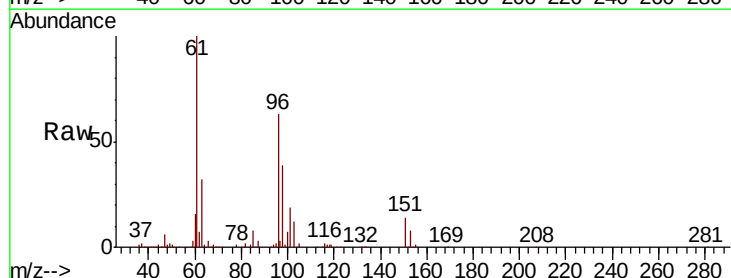
Tgt Ion: 59 Resp: 91589
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

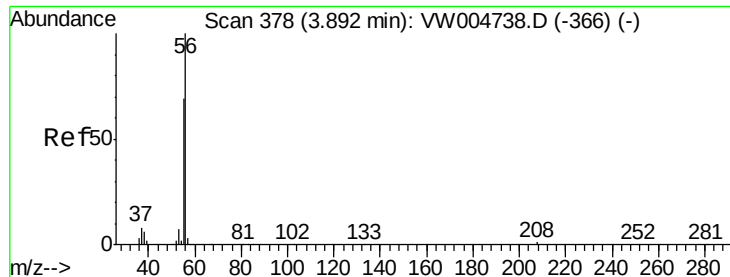


#12

1,1-Dichloroethene
Concen: 50.500 ug/l
RT: 4.03 min Scan# 401
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion: 96 Resp: 297152
Ion Ratio Lower Upper
96 100
61 158.5 125.6 188.4
98 62.5 49.4 74.0





#13

Acrolein

Concen: 77.272 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

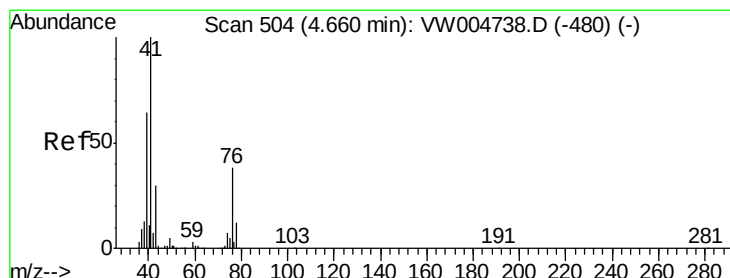
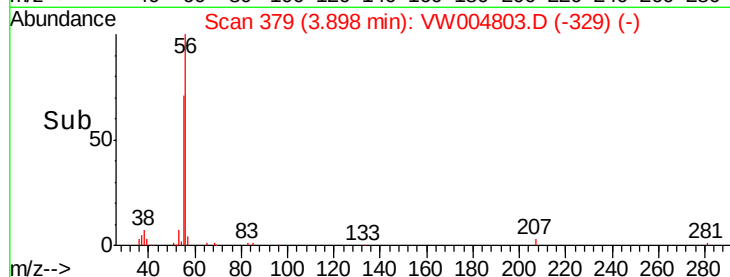
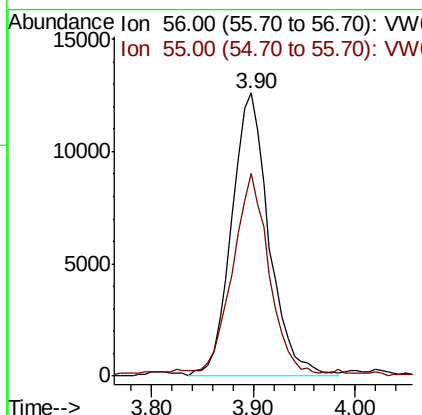
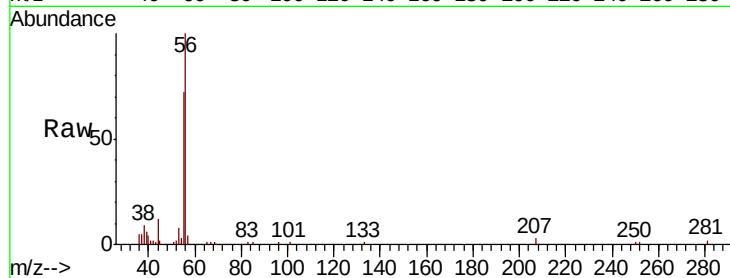
LSB-07(0-1)MS

Tgt Ion: 56 Resp: 31980

Ion Ratio Lower Upper

56 100

55 67.3 56.1 84.1



#14

Allyl chloride

Concen: 52.022 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

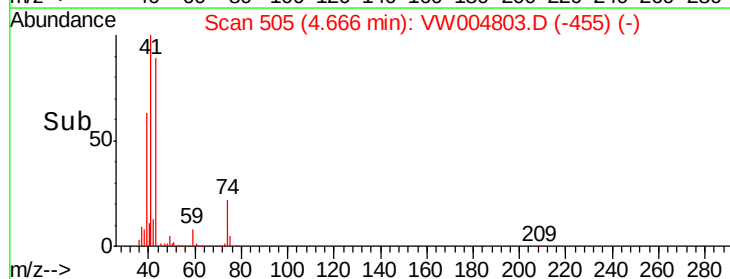
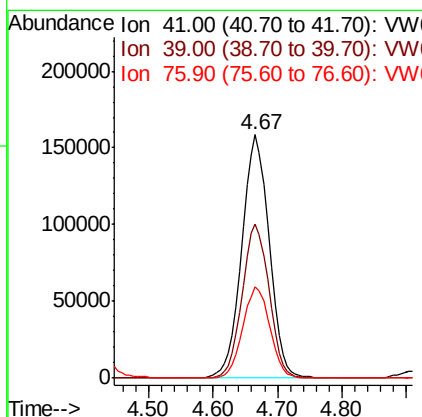
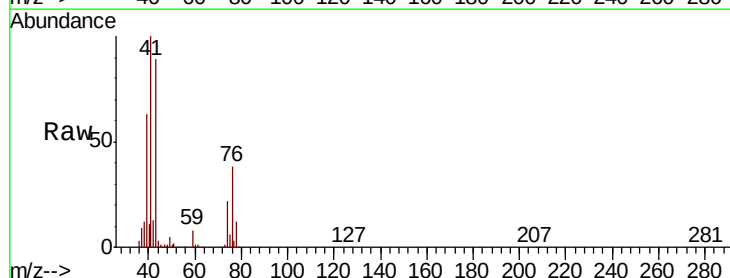
Tgt Ion: 41 Resp: 464538

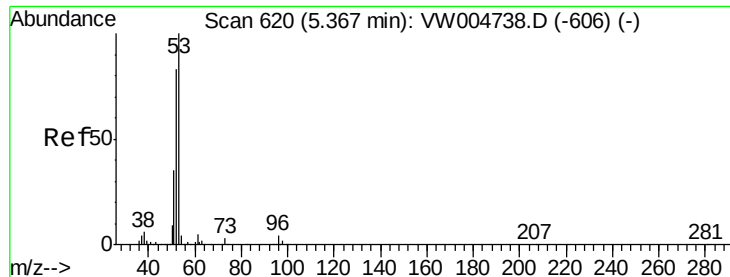
Ion Ratio Lower Upper

41 100

39 62.3 50.0 75.0

76 36.8 29.8 44.6





#15

Acrylonitrile

Concen: 260.032 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.01 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MS

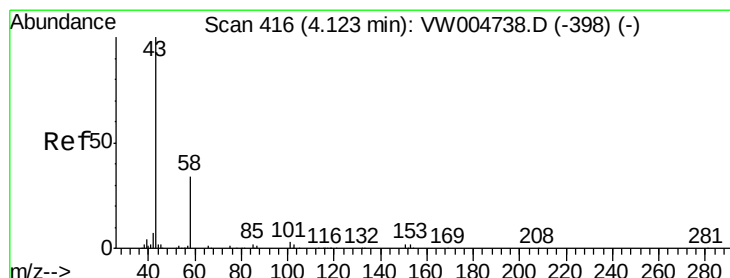
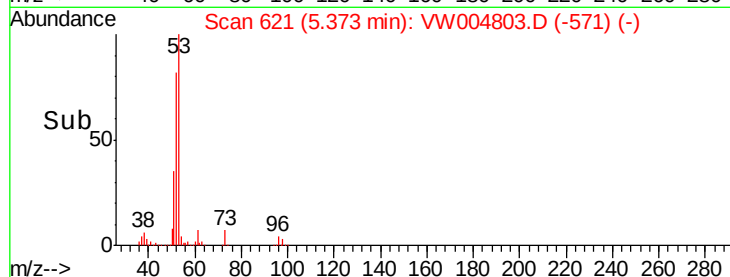
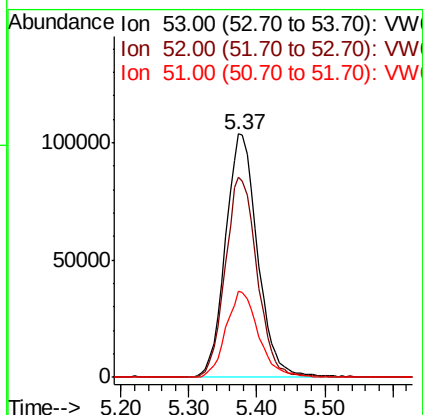
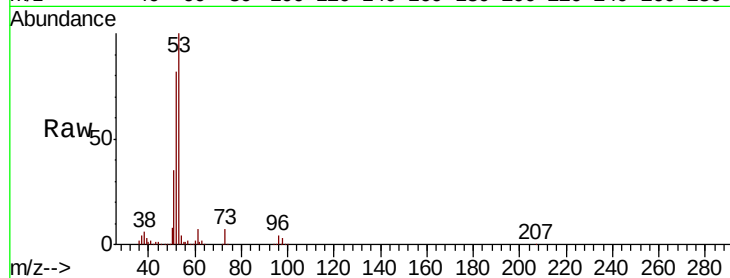
Tgt Ion: 53 Resp: 338100

Ion Ratio Lower Upper

53 100

52 81.9 65.8 98.6

51 36.0 28.7 43.1



#16

Acetone

Concen: 300.503 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004803.D

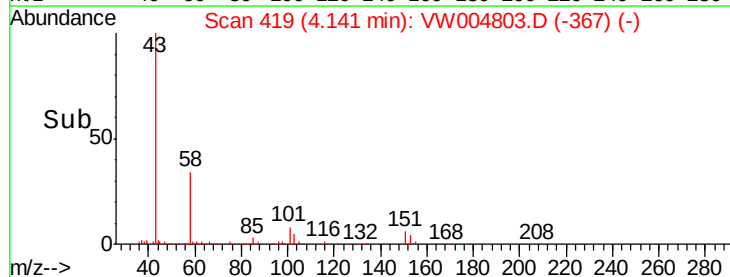
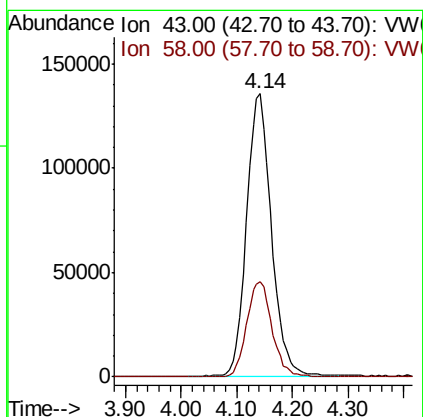
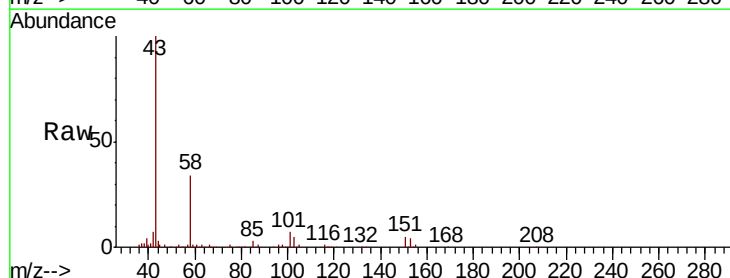
Acq: 20 Aug 2018 20:28

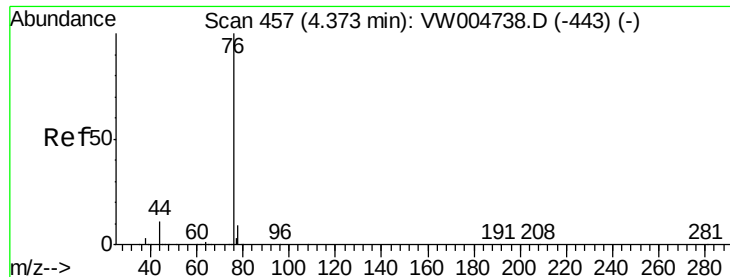
Tgt Ion: 43 Resp: 423469

Ion Ratio Lower Upper

43 100

58 33.6 27.3 40.9

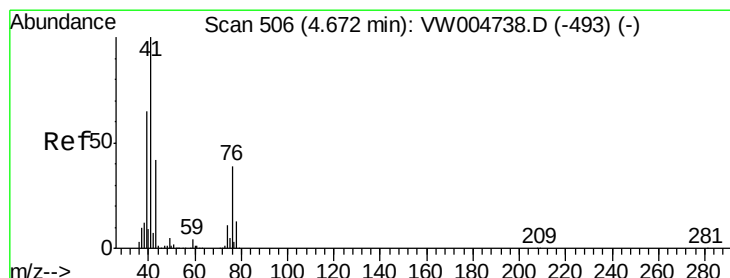
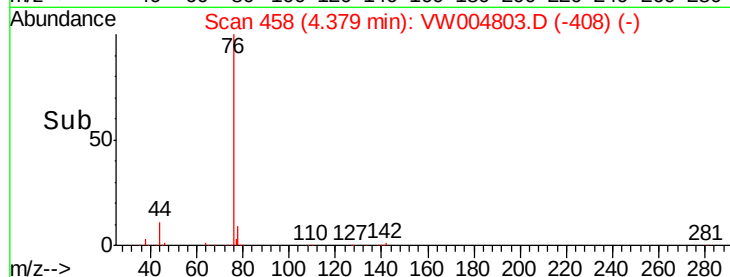
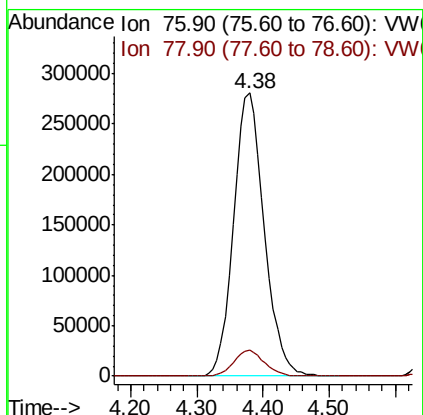
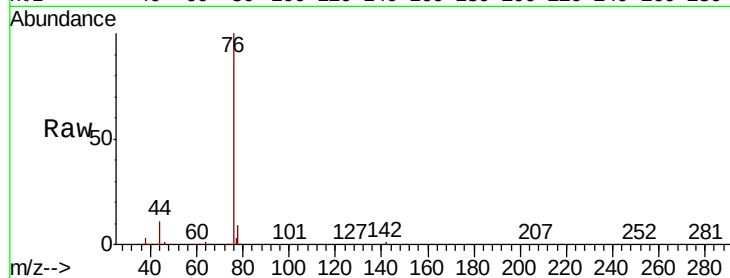




#17
Carbon Disulfide
Concen: 46.512 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

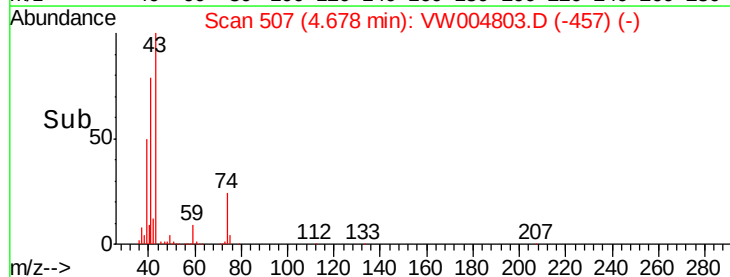
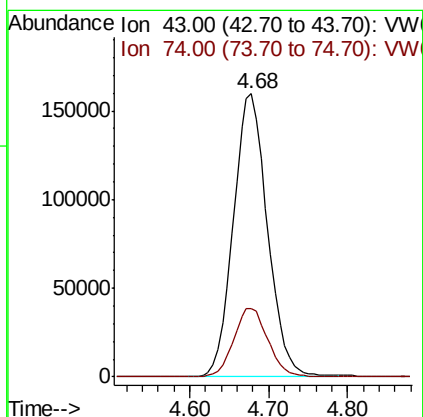
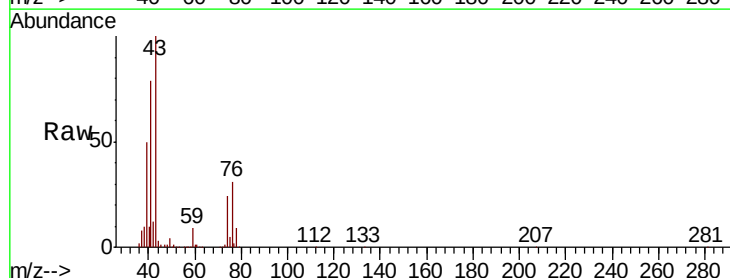
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MS

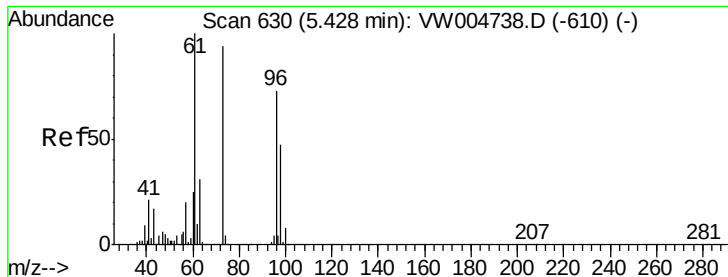
Tgt Ion: 76 Resp: 899412
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 158.443 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion: 43 Resp: 478473
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.8



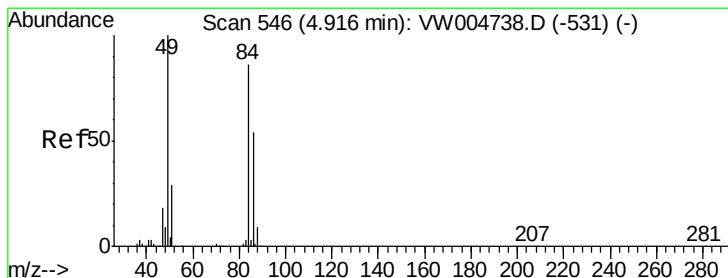
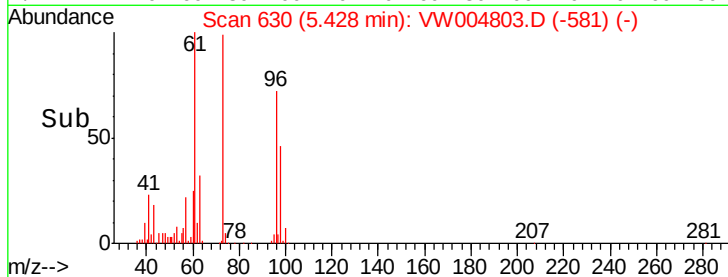
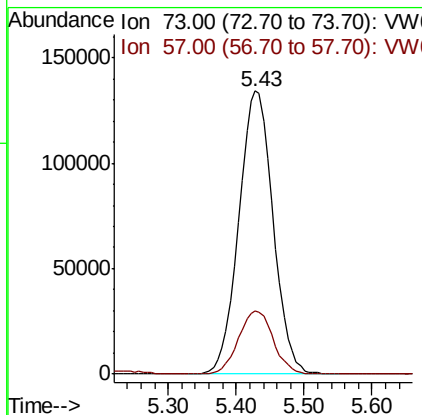
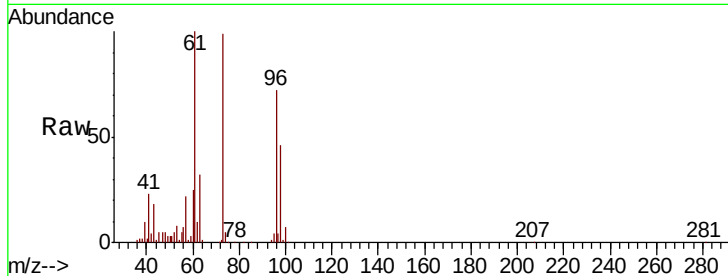


#19

Methyl tert-butyl Ether
 Concen: 61.453 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

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

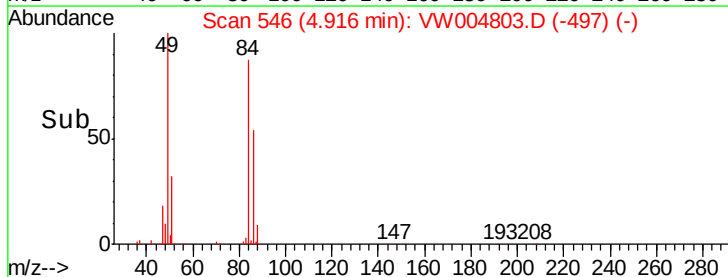
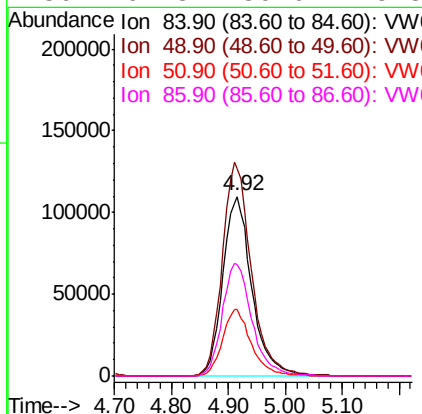
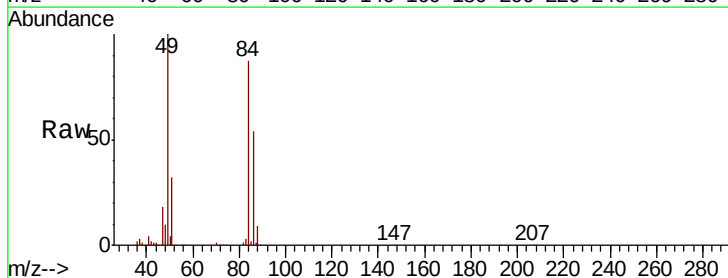
Tgt Ion: 73 Resp: 469391
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.3 25.9

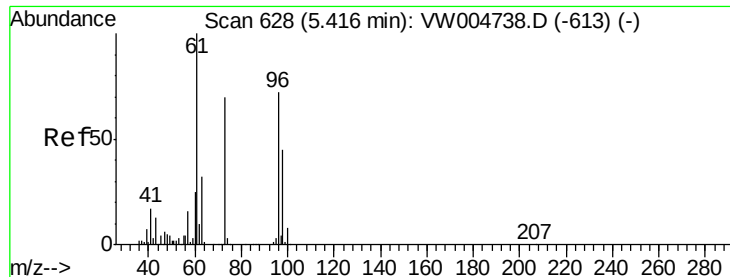


#20

Methylene Chloride
 Concen: 61.442 ug/l
 RT: 4.92 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

Tgt Ion: 84 Resp: 388975
 Ion Ratio Lower Upper
 84 100
 49 115.5 93.2 139.8
 51 37.0 27.4 41.0
 86 62.3 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 49.427 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MS

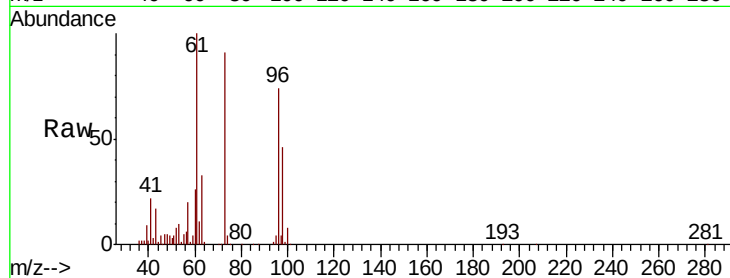
Tgt Ion: 96 Resp: 309448

Ion Ratio Lower Upper

96 100

61 135.6 111.4 167.0

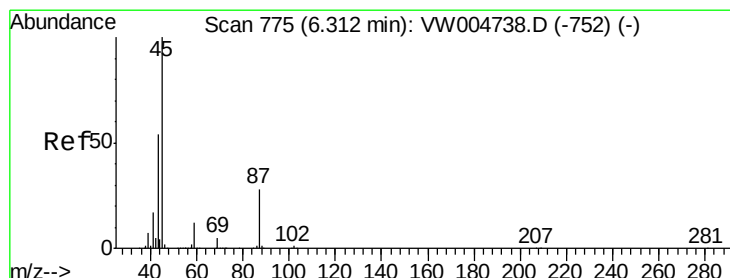
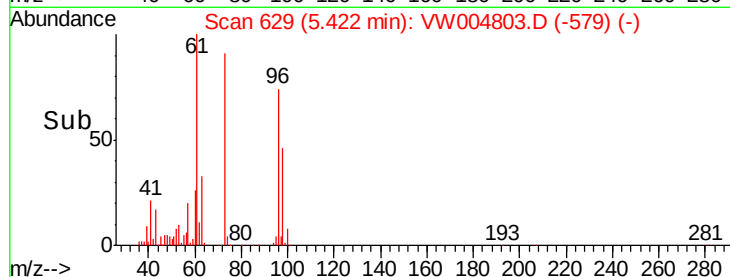
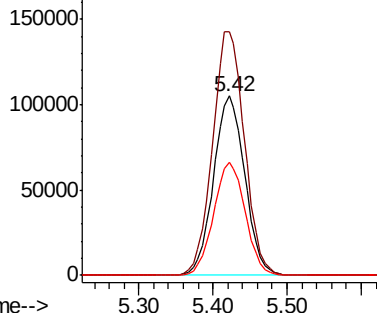
98 62.7 49.7 74.5



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: 56.303 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Tgt Ion: 45 Resp: 966344

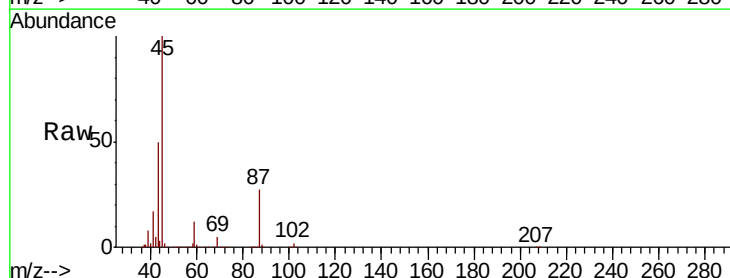
Ion Ratio Lower Upper

45 100

43 50.3 43.0 64.6

87 26.9 22.2 33.4

59 11.8 9.8 14.6

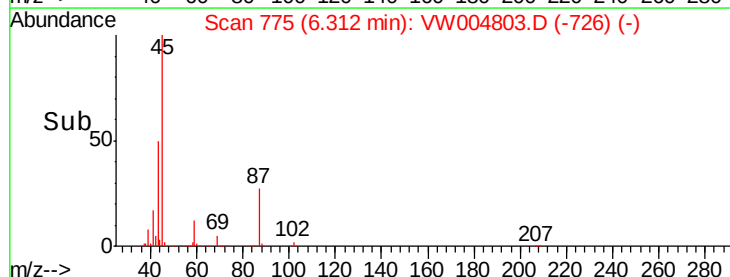
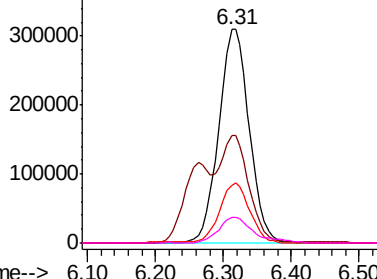


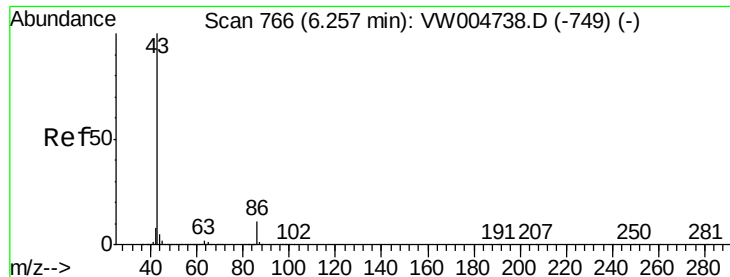
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 31.451 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

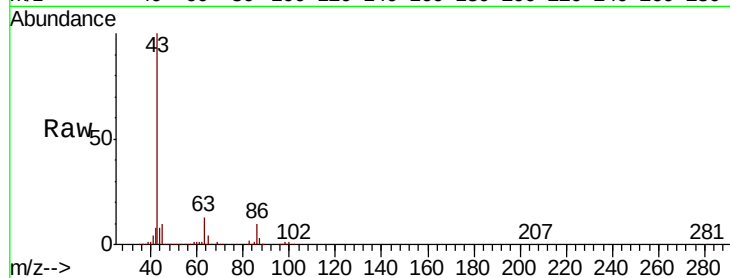
LSB-07(0-1)MS

Tgt Ion: 43 Resp: 305331

Ion Ratio Lower Upper

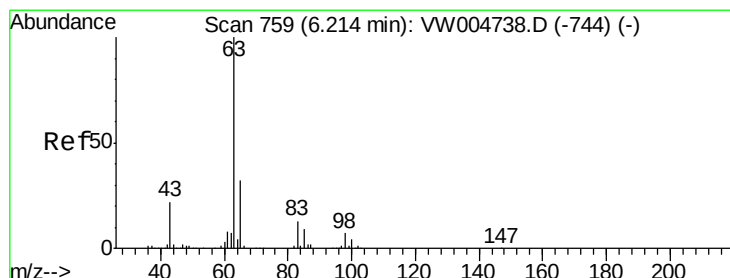
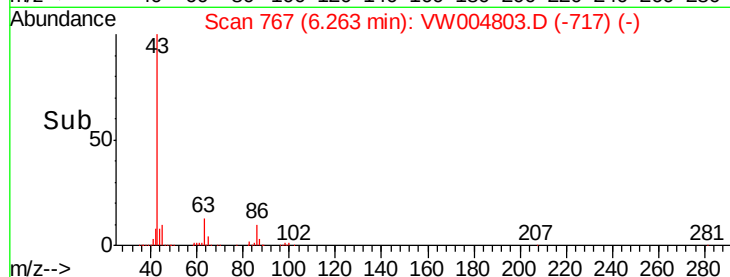
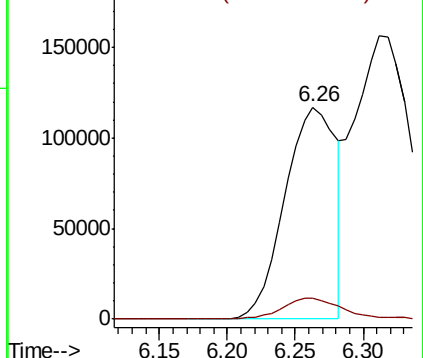
43 100

86 10.1 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 52.959 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

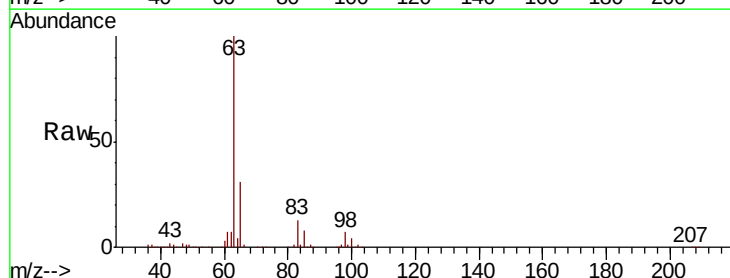
Tgt Ion: 63 Resp: 590677

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

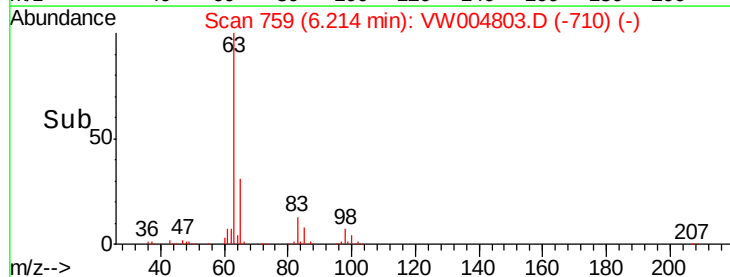
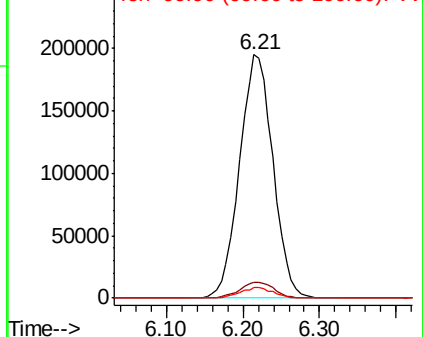
100 4.2 2.1 6.3

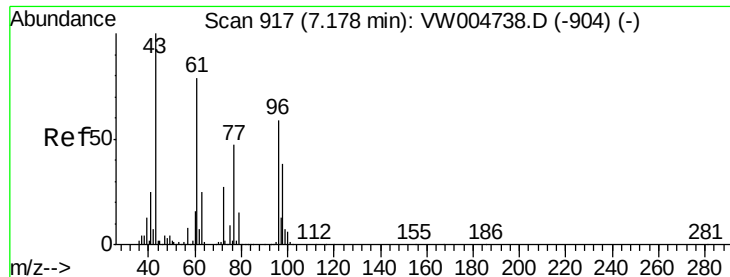


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 290.354 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

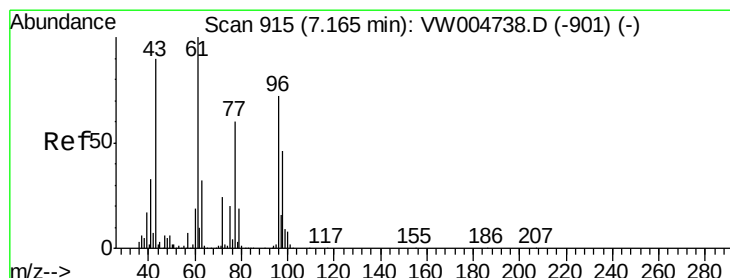
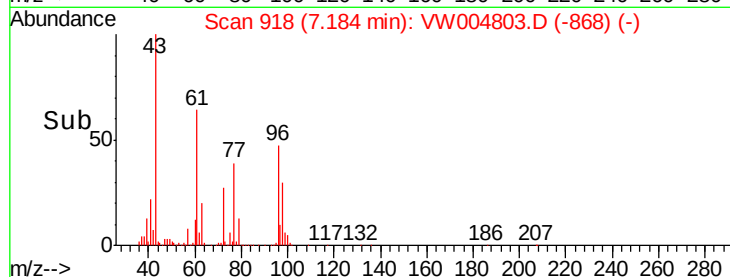
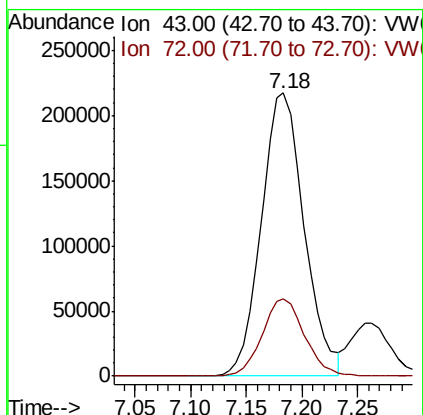
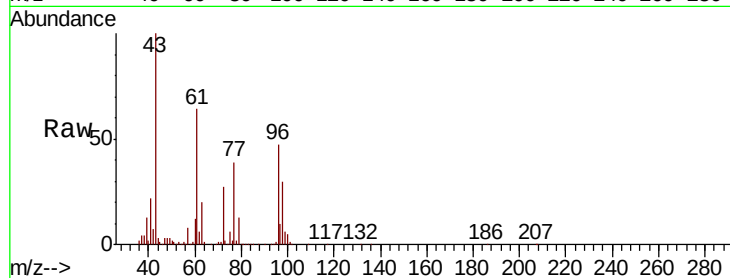
LSB-07(0-1)MS

Tgt Ion: 43 Resp: 582985

Ion Ratio Lower Upper

43 100

72 27.3 22.0 33.0



#26

2,2-Dichloropropane

Concen: 51.078 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004803.D

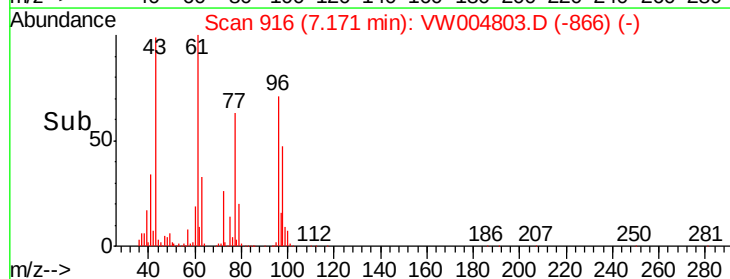
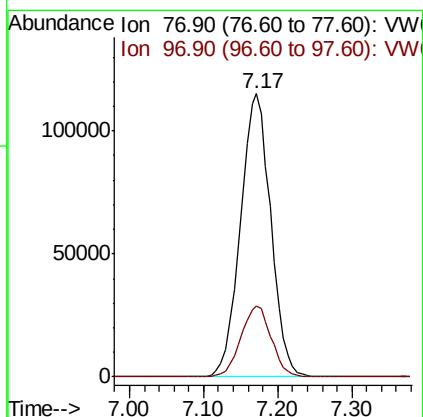
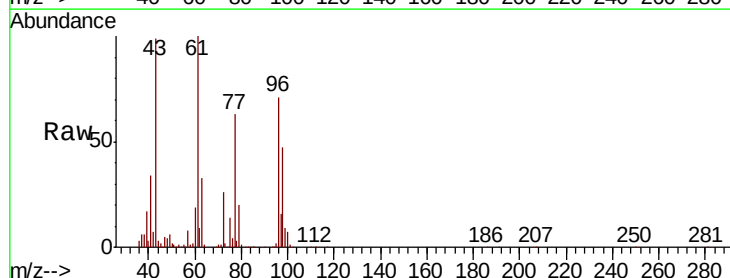
Acq: 20 Aug 2018 20:28

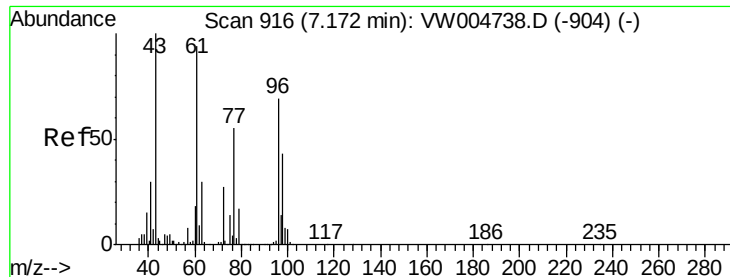
Tgt Ion: 77 Resp: 329044

Ion Ratio Lower Upper

77 100

97 24.9 12.6 37.8



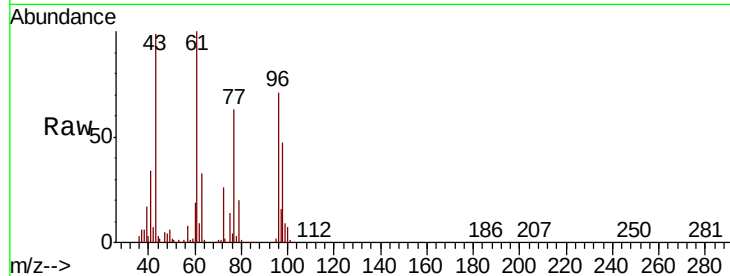


#27

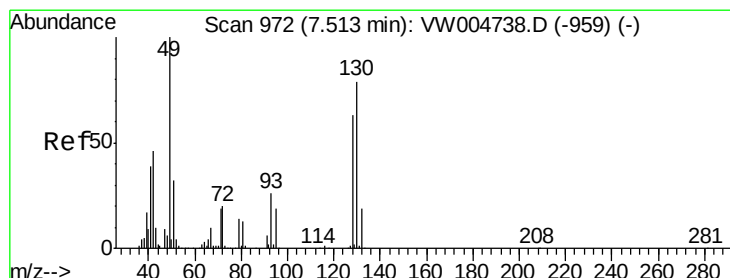
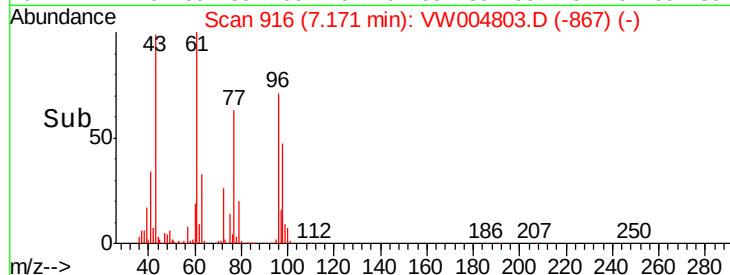
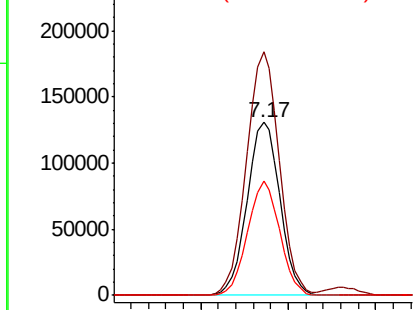
cis-1,2-Dichloroethene
Concen: 50.771 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	277.6
98	64.5	0.0	127.4



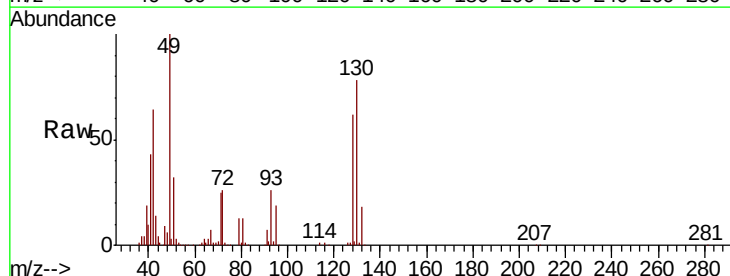
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



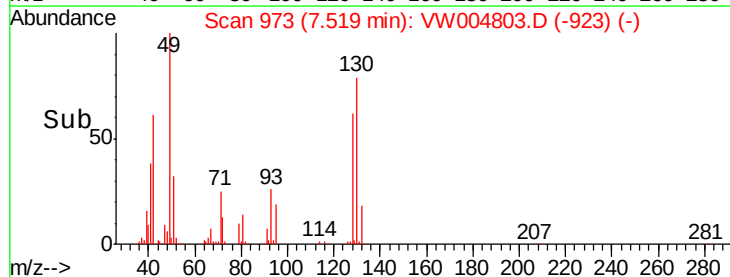
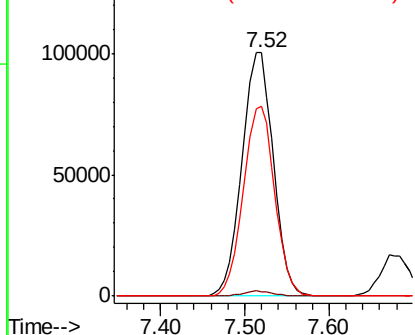
#28

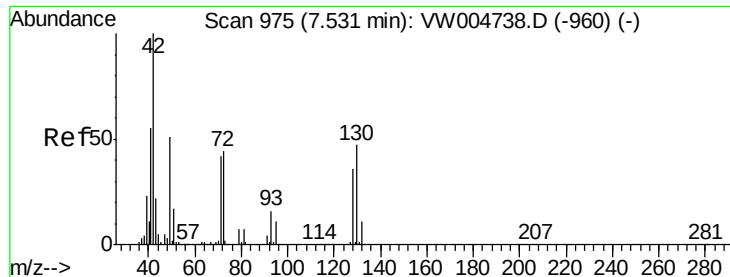
Bromochloromethane
Concen: 53.696 ug/l
RT: 7.52 min Scan# 973
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	77.9	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

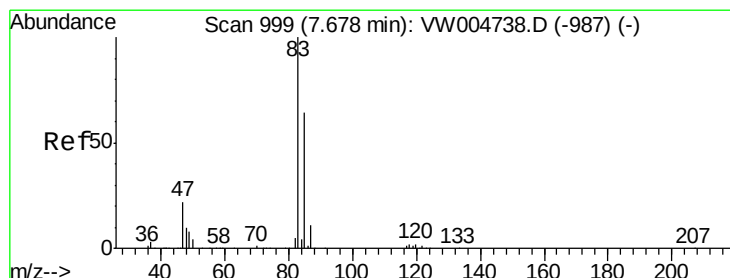
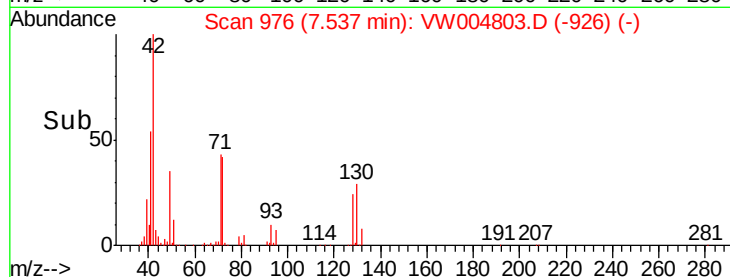
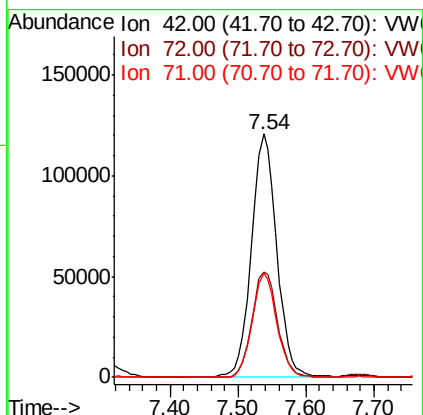
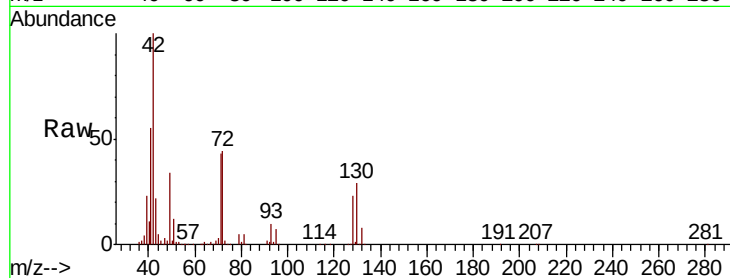




#29
Tetrahydrofuran
Concen: 306.427 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

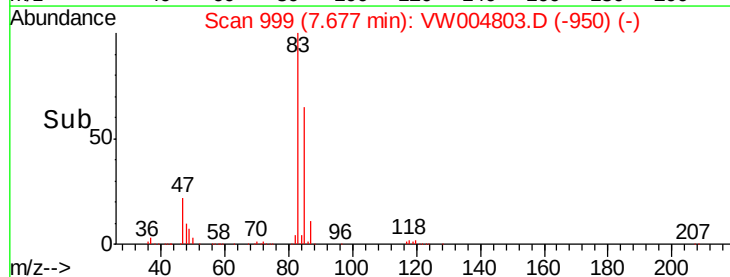
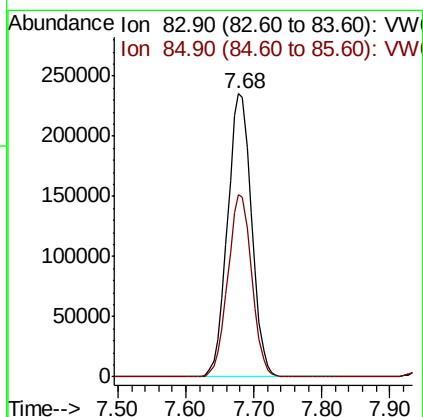
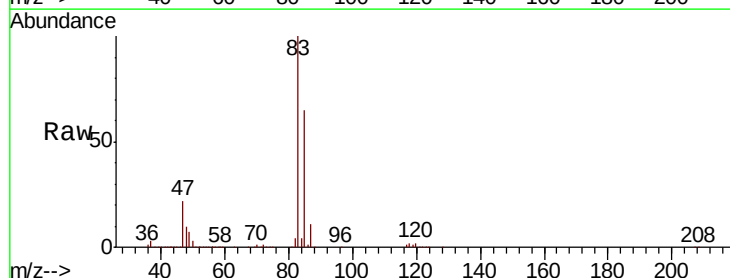
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MS

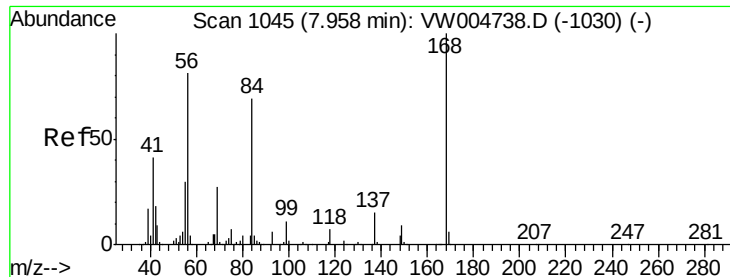
Tgt Ion: 42 Resp: 313734
Ion Ratio Lower Upper
42 100
72 43.9 34.9 52.3
71 41.4 33.8 50.6



#30
Chloroform
Concen: 52.566 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion: 83 Resp: 576617
Ion Ratio Lower Upper
83 100
85 64.5 51.0 76.6

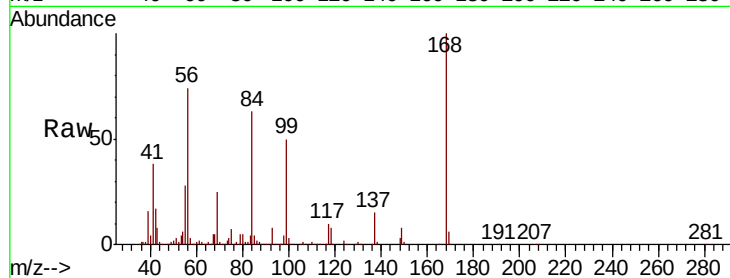




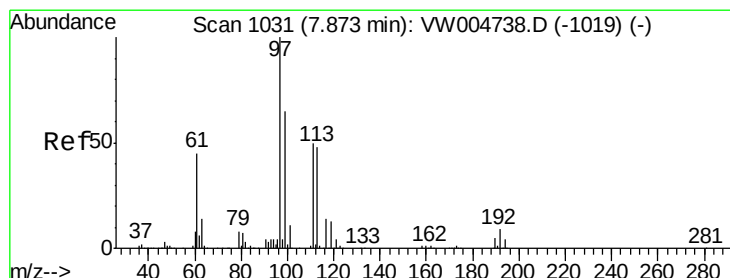
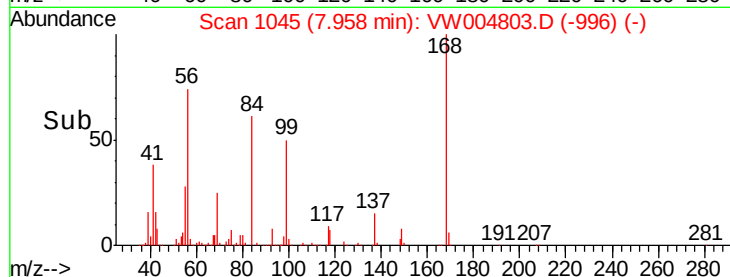
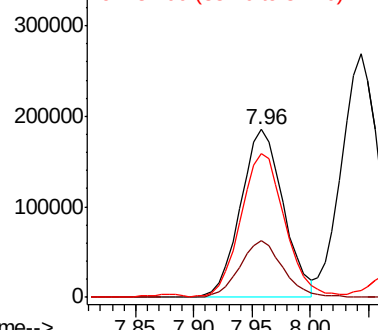
#31
Cyclohexane
Concen: 43.689 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

Tgt Ion: 56 Resp: 471326
Ion Ratio Lower Upper
56 100
69 33.5 27.1 40.7
84 84.4 68.3 102.5

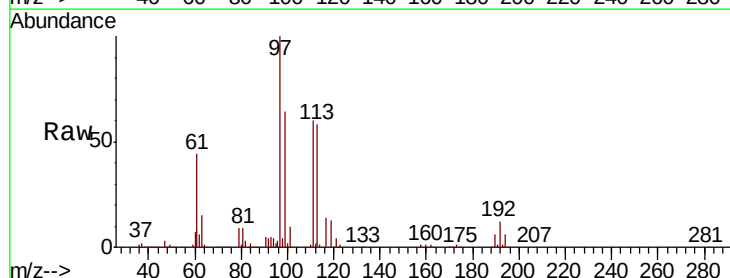


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

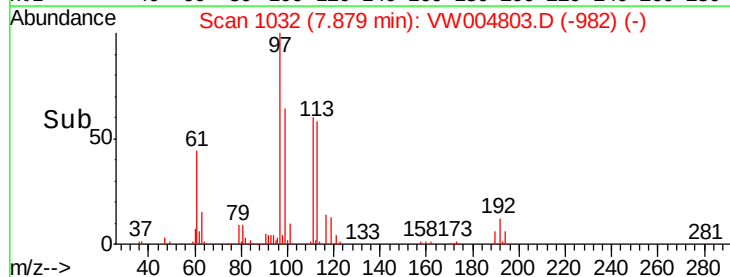
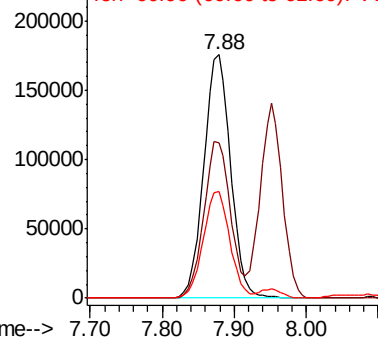


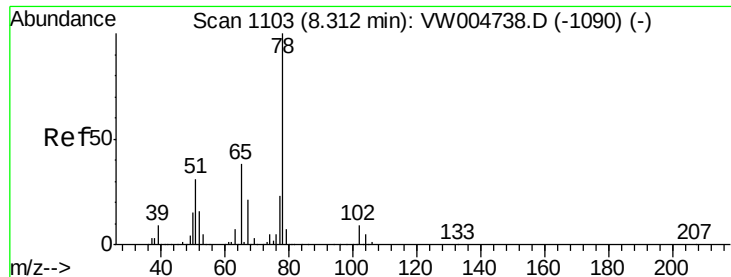
#32
1,1,1-Trichloroethane
Concen: 52.180 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion: 97 Resp: 453720
Ion Ratio Lower Upper
97 100
99 64.2 51.7 77.5
61 43.8 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

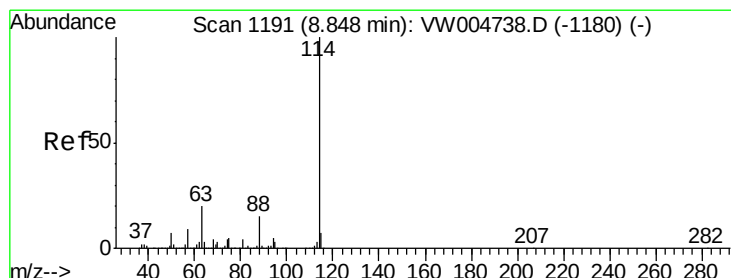
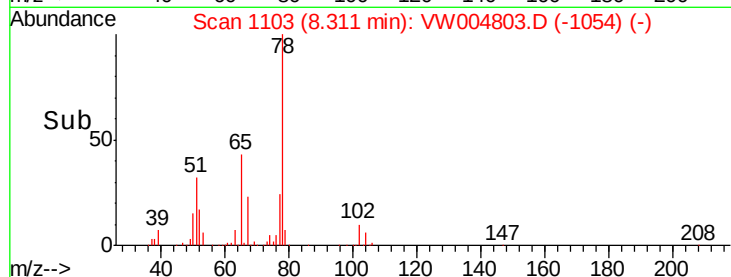
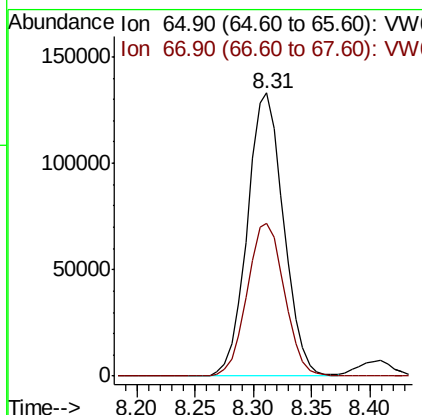
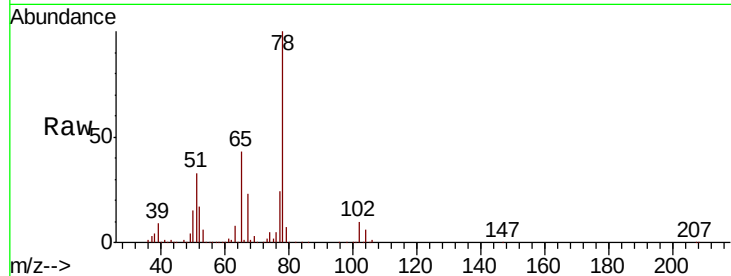




#33
 1,2-Dichloroethane-d4
 Concen: 52.273 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

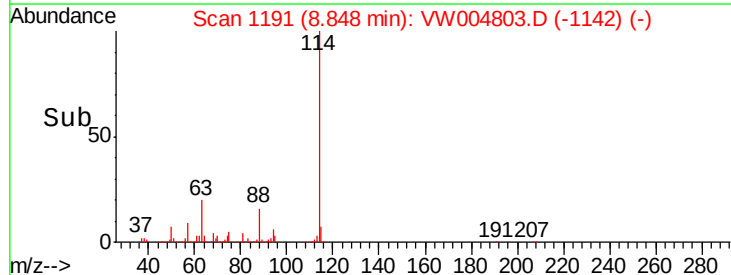
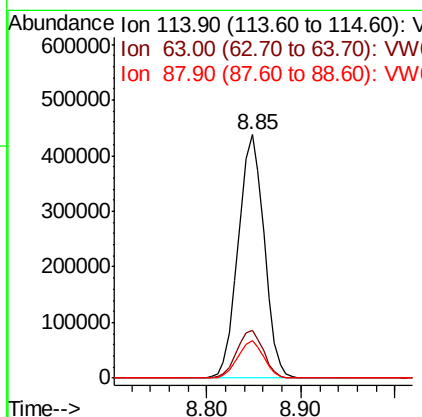
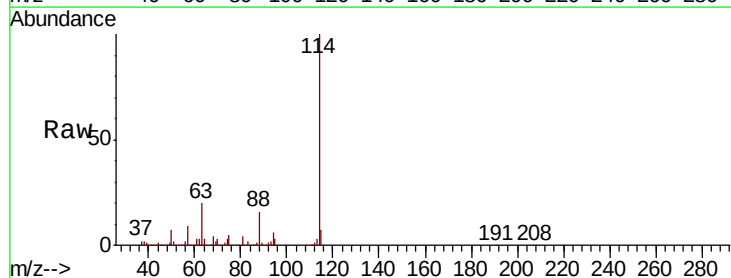
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MS

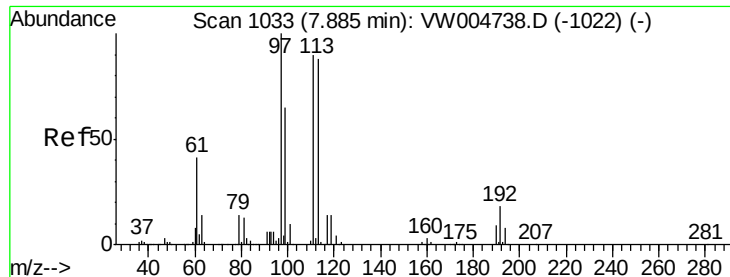
Tgt Ion: 65 Resp: 288563
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

Tgt Ion: 114 Resp: 842644
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.5 0.0 30.0

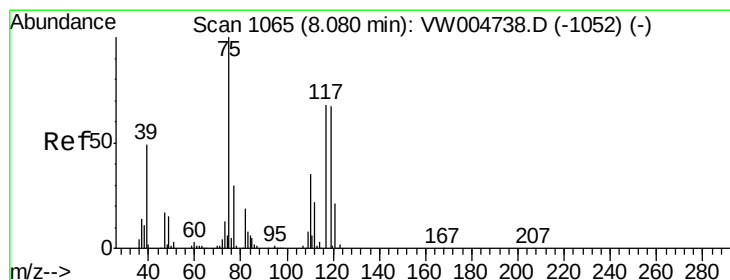
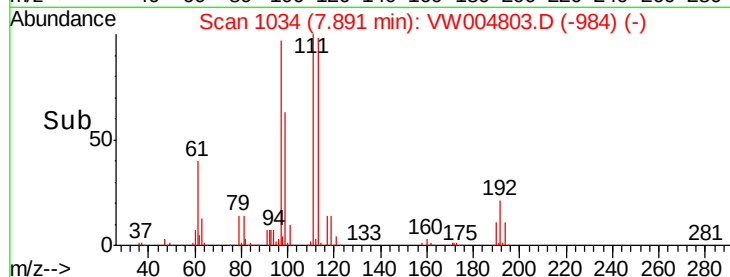
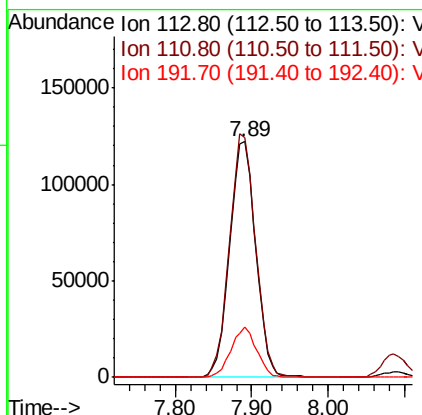
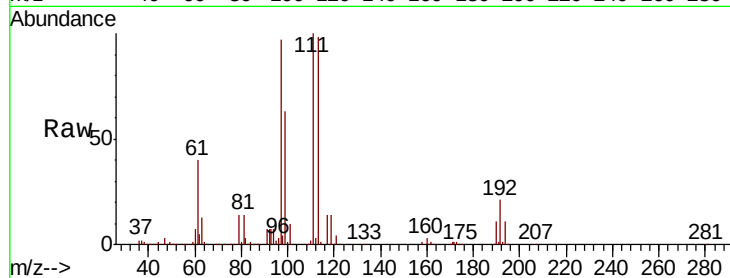




#35
 Dibromofluoromethane
 Concen: 53.432 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

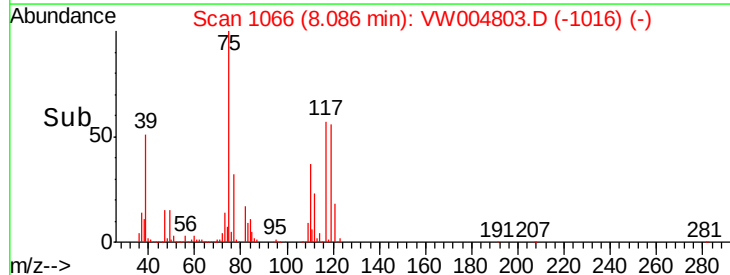
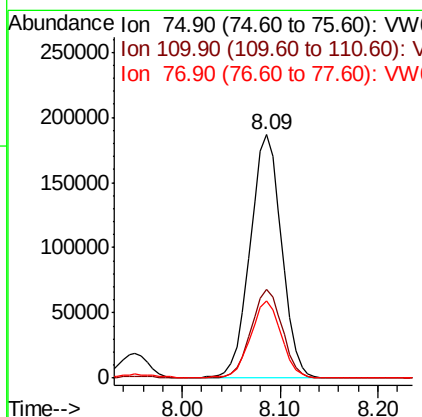
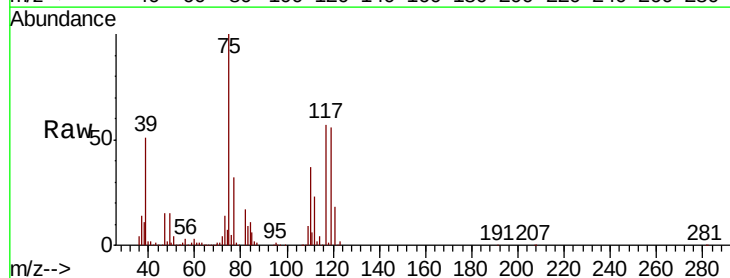
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MS

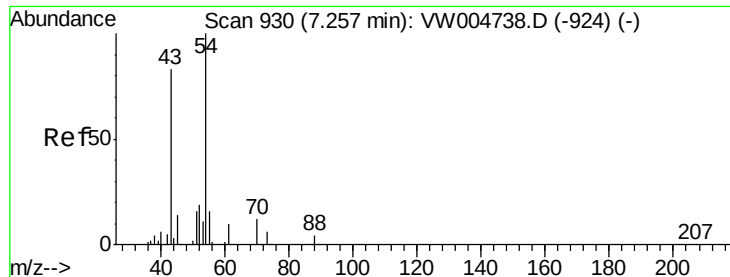
Tgt Ion: 113 Resp: 287763
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.4 123.6
 192 20.8 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 48.237 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

Tgt Ion: 75 Resp: 418731
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.8 53.5
 77 31.3 24.9 37.3

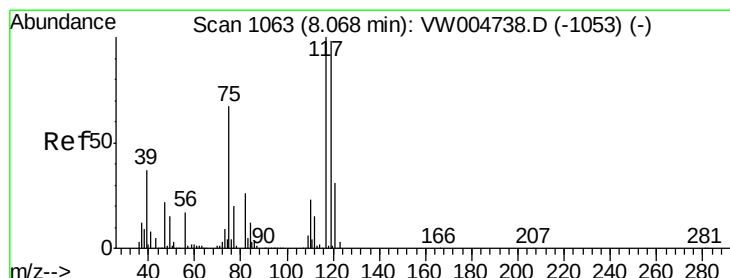
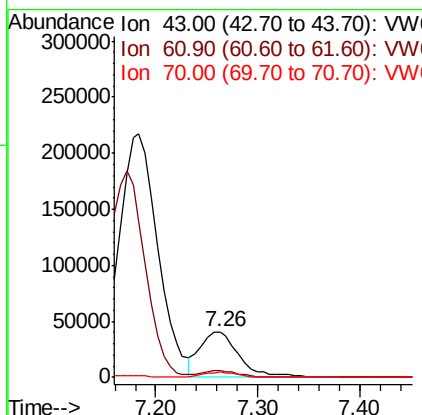
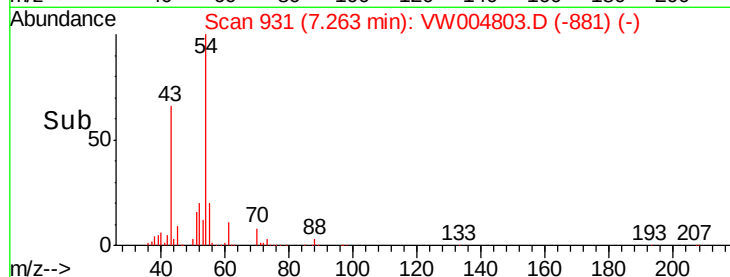
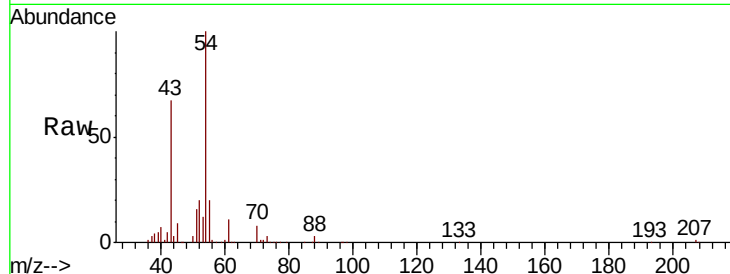




#37
Ethyl Acetate
Concen: 30.923 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

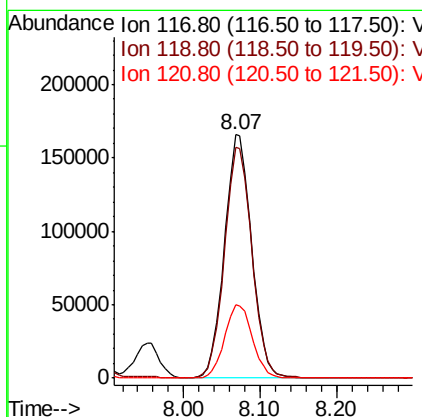
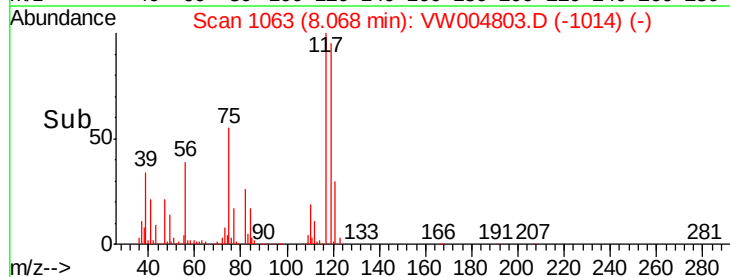
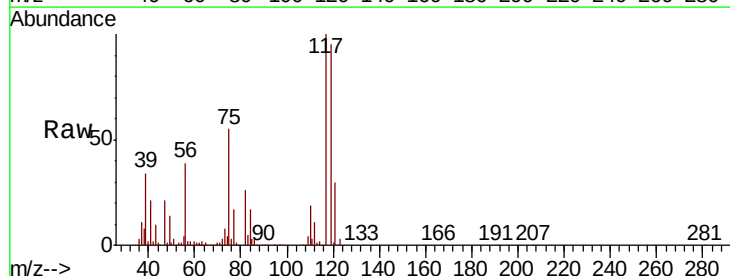
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MS

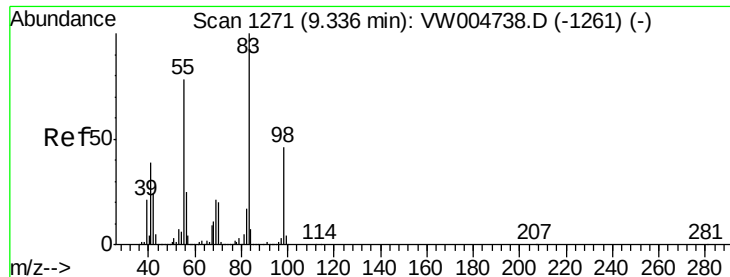
Tgt Ion: 43 Resp: 107005
Ion Ratio Lower Upper
43 100
61 14.3 11.6 17.4
70 10.8 9.2 13.8



#38
Carbon Tetrachloride
Concen: 50.944 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion: 117 Resp: 407076
Ion Ratio Lower Upper
117 100
119 95.1 78.0 117.0
121 30.0 24.8 37.2

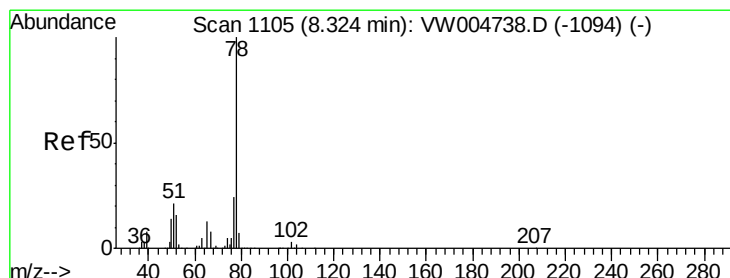
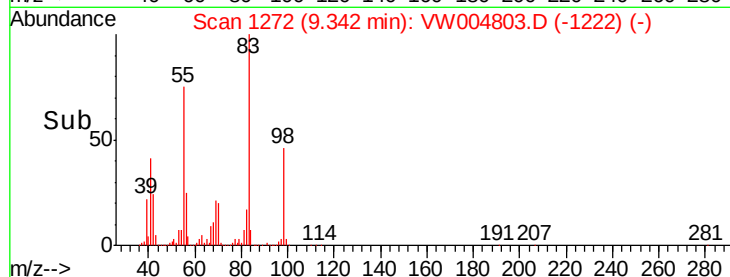
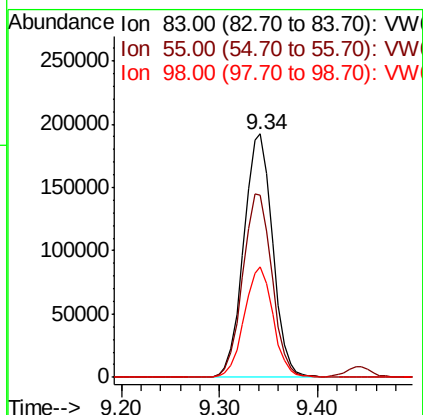
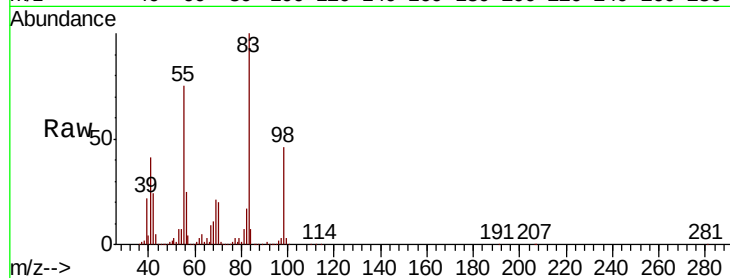




#39
Methylcyclohexane
Concen: 36.406 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

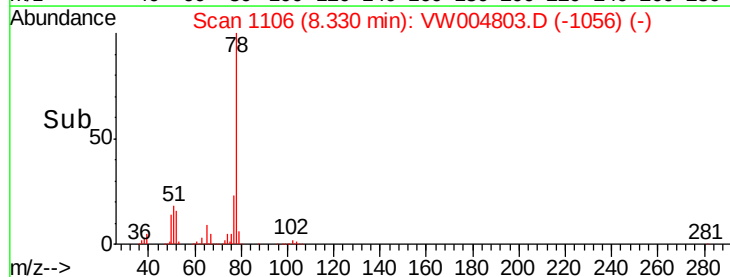
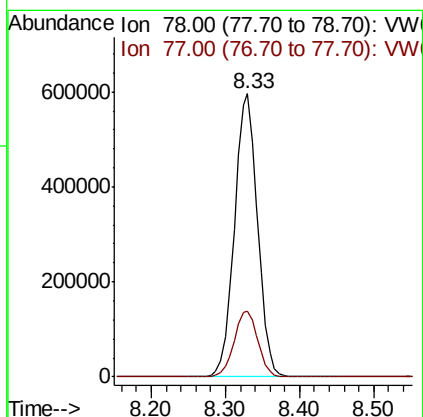
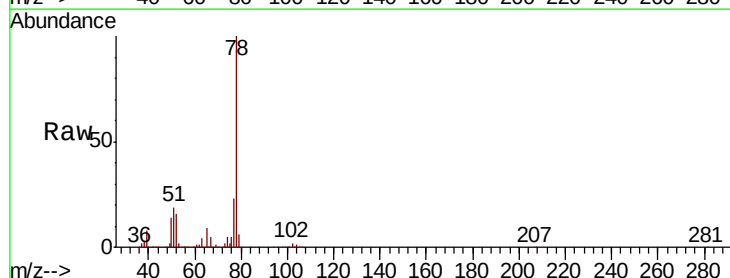
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MS

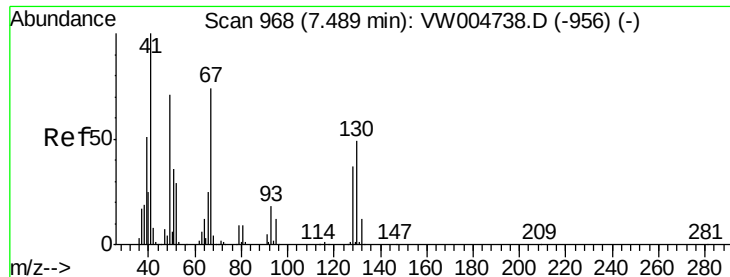
Tgt Ion: 83 Resp: 395218
Ion Ratio Lower Upper
83 100
55 74.9 62.4 93.6
98 45.6 36.5 54.7



#40
Benzene
Concen: 51.107 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion: 78 Resp: 1289310
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6





#41

Methacrylonitrile

Concen: 48.939 ug/l

RT: 7.49 min Scan# 968

Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MS

Tgt Ion: 41 Resp: 96109

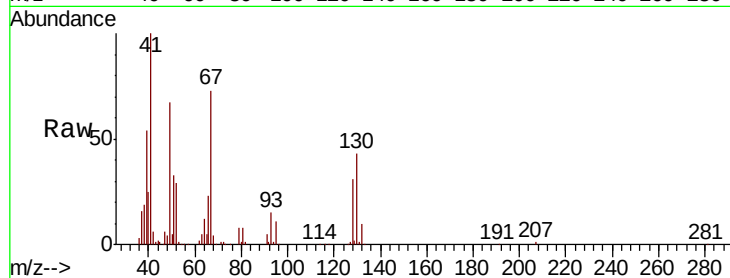
Ion Ratio Lower Upper

41 100

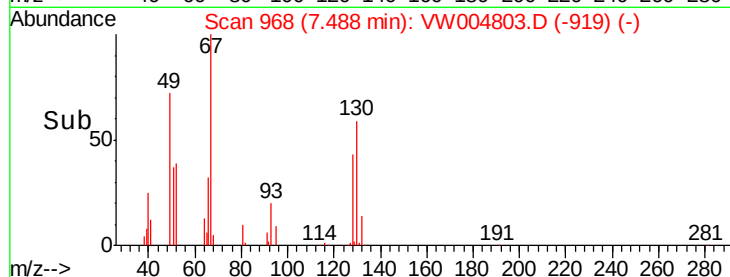
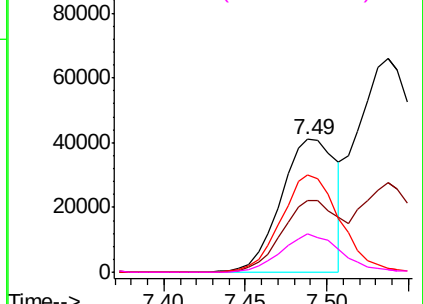
39 58.0 41.0 61.4

67 78.4 59.5 89.3

52 32.1 23.6 35.4



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



#42

1,2-Dichloroethane

Concen: 54.441 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. -0.00 min

Lab File: VW004803.D

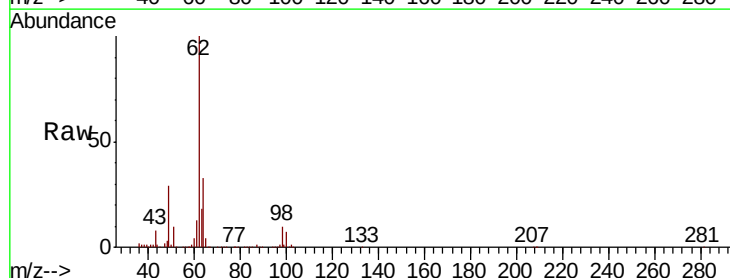
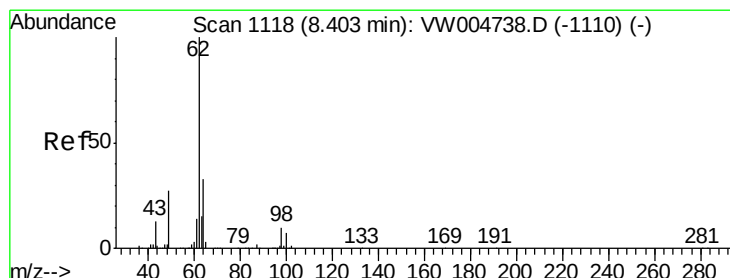
Acq: 20 Aug 2018 20:28

Tgt Ion: 62 Resp: 352186

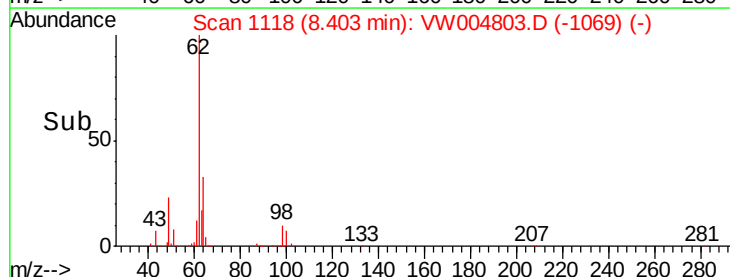
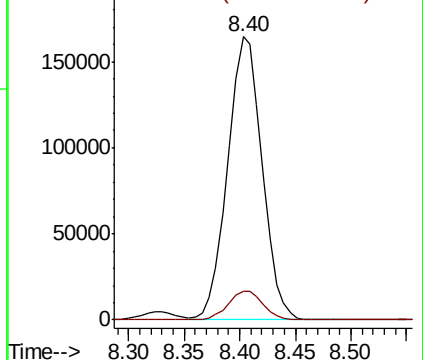
Ion Ratio Lower Upper

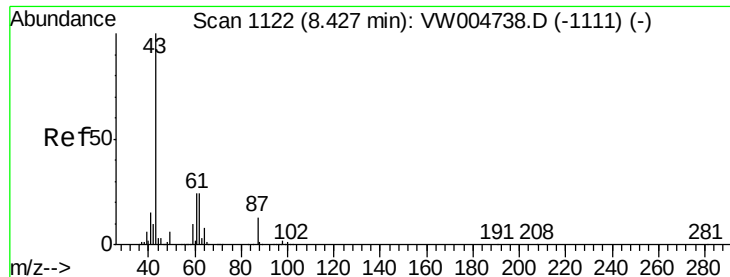
62 100

98 10.3 0.0 20.2



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





#43

Isopropyl Acetate

Concen: 38.071 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MS

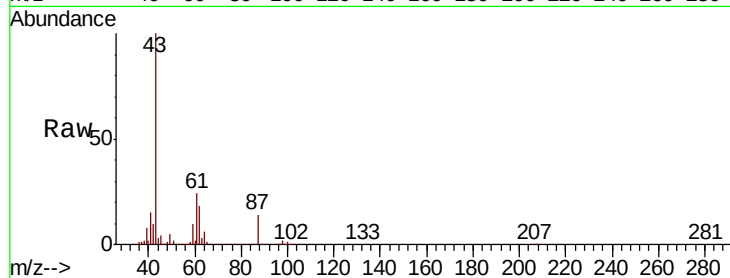
Tgt Ion: 43 Resp: 236637

Ion Ratio Lower Upper

43 100

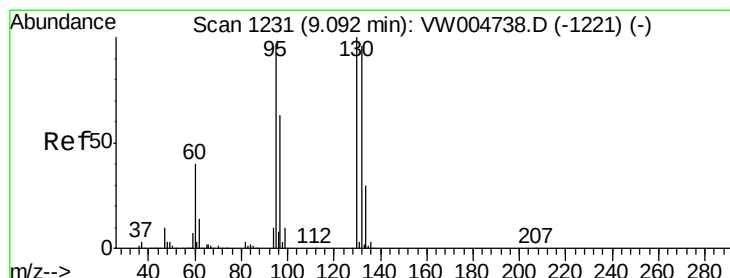
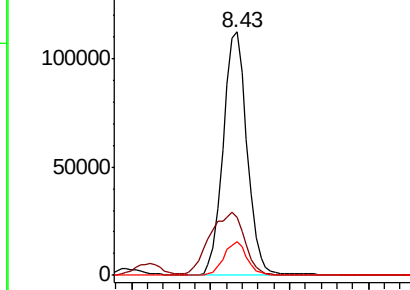
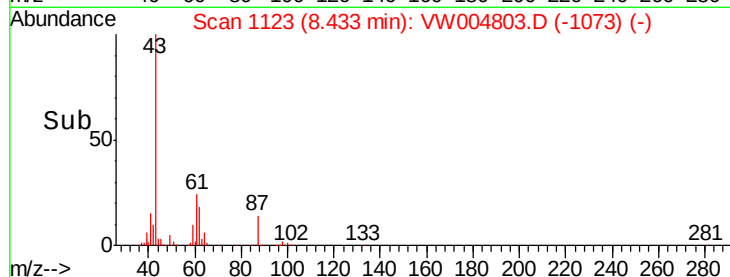
61 37.8 26.2 39.4

87 13.4 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

8.43



#44

Trichloroethene

Concen: 47.979 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VW004803.D

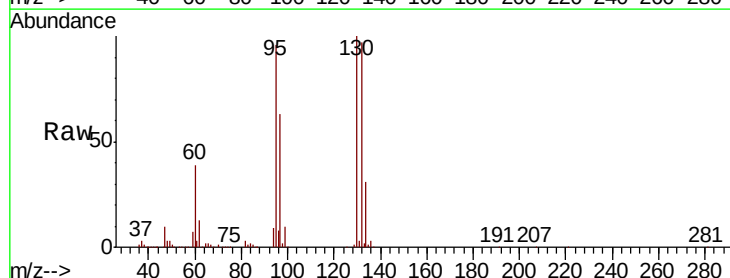
Acq: 20 Aug 2018 20:28

Tgt Ion: 130 Resp: 307253

Ion Ratio Lower Upper

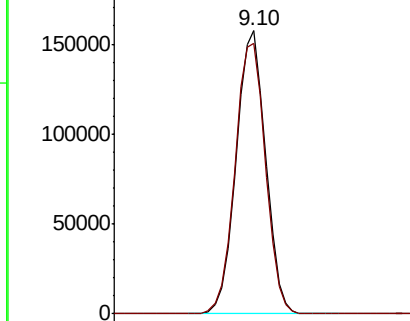
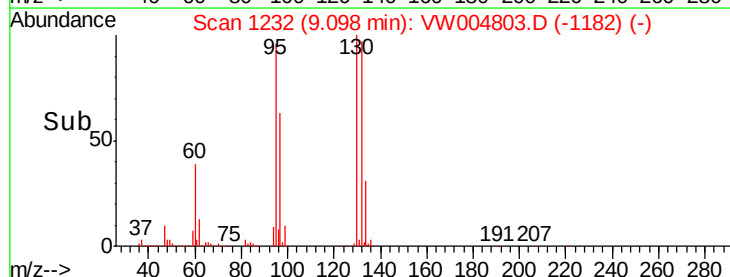
130 100

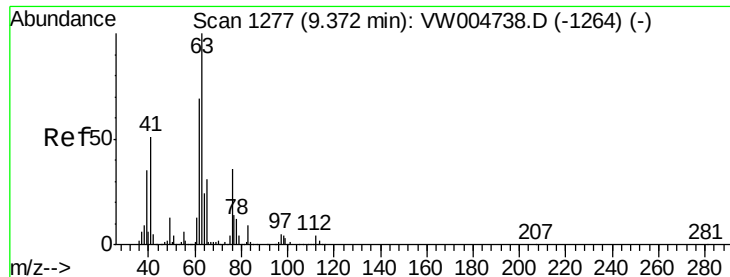
95 95.8 0.0 194.4



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

9.10

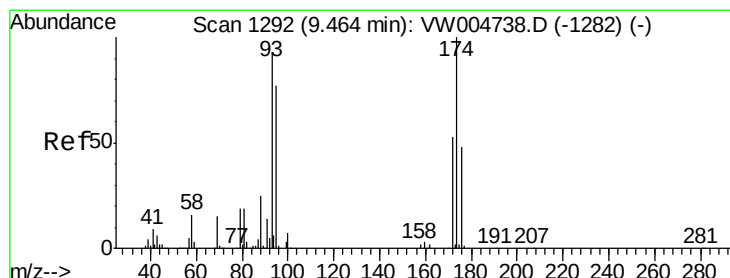
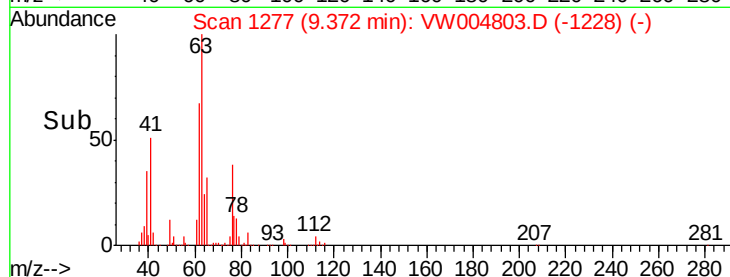
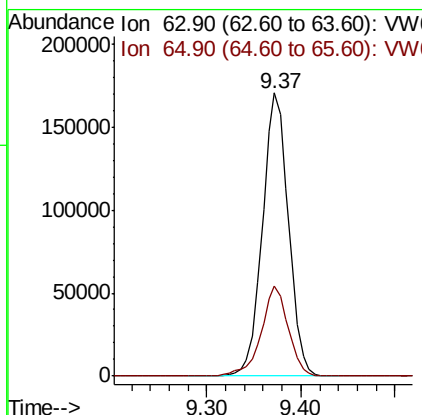
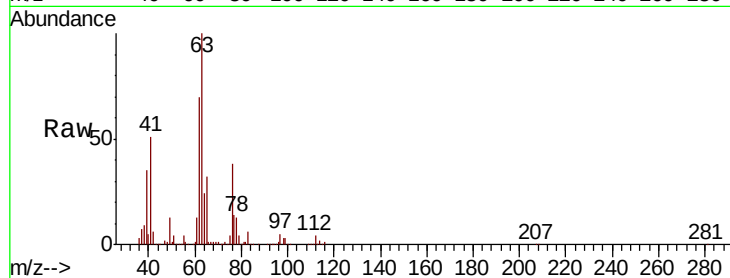




#45
 1,2-Dichloropropane
 Concen: 53.635 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

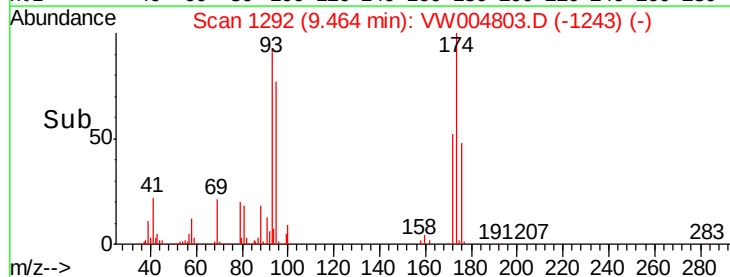
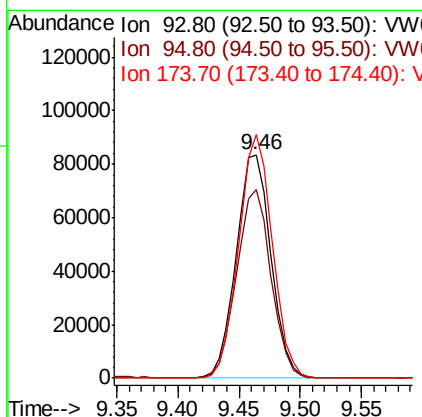
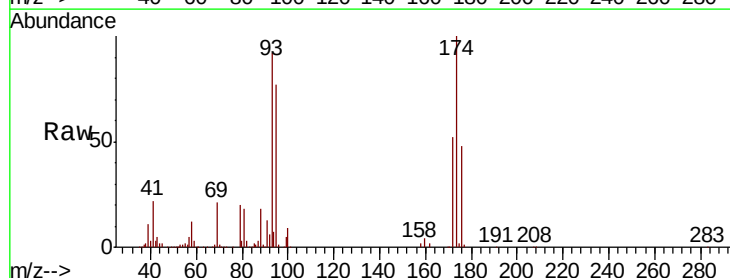
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MS

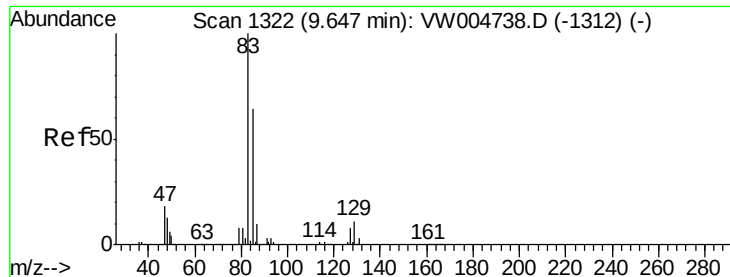
Tgt Ion: 63 Resp: 330981
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.6 37.0



#46
 Dibromomethane
 Concen: 53.872 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

Tgt Ion: 93 Resp: 164696
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.6 99.8
 174 105.7 85.3 127.9





#47

Bromodichloromethane

Concen: 52.599 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampled :

LSB-07(0-1)MS

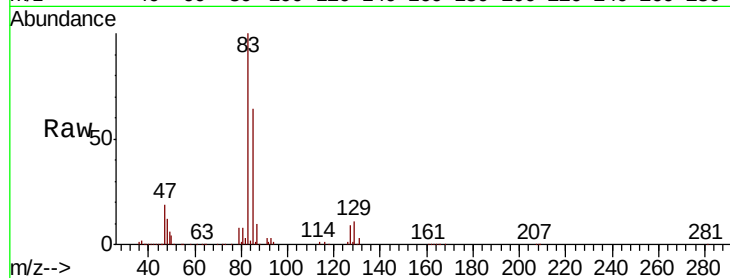
Tgt Ion: 83 Resp: 384035

Ion Ratio Lower Upper

83 100

85 64.4 51.2 76.8

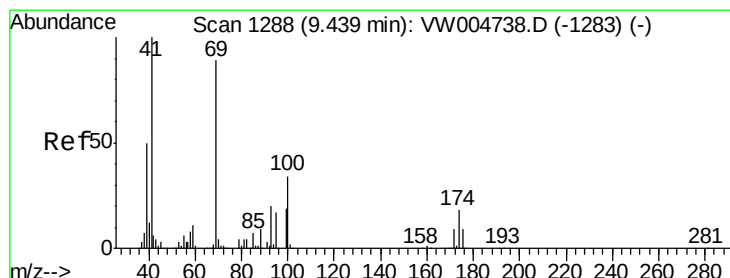
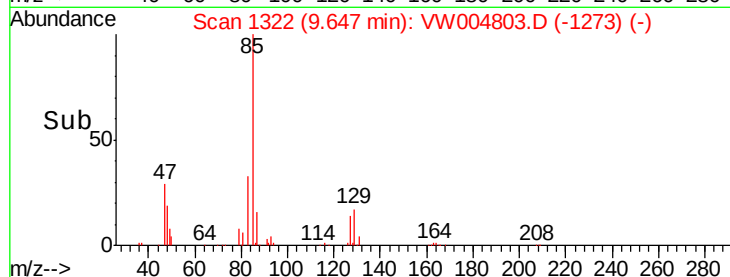
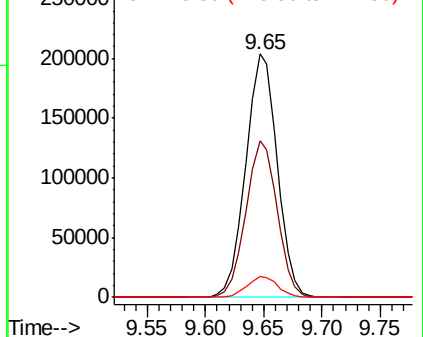
127 8.7 6.7 10.1



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: 71.972 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

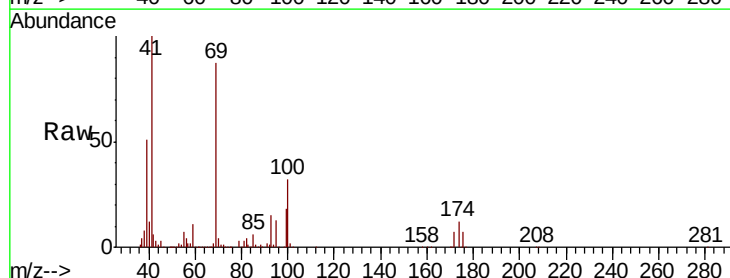
Tgt Ion: 41 Resp: 209913

Ion Ratio Lower Upper

41 100

69 88.8 75.2 112.8

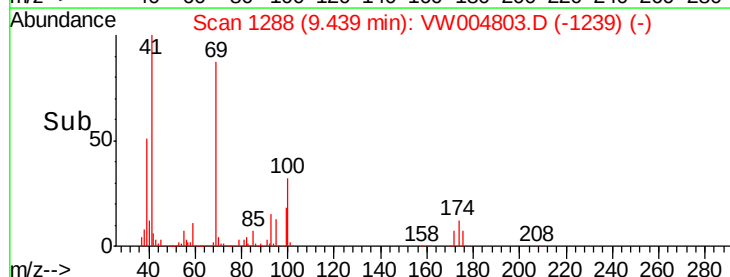
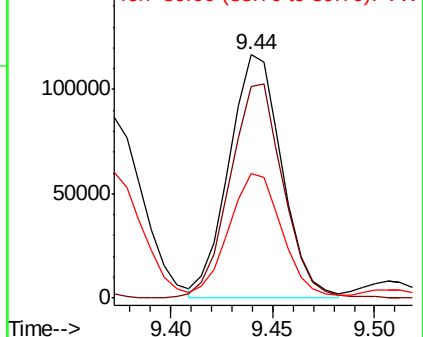
39 51.4 39.8 59.6

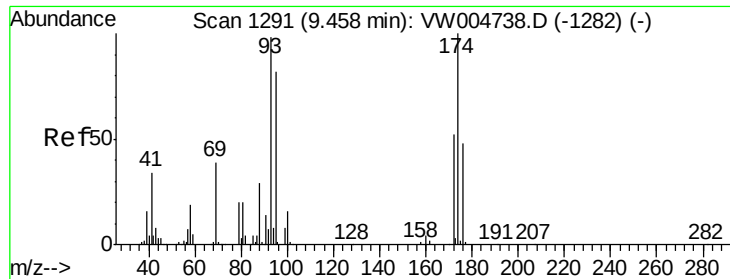


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

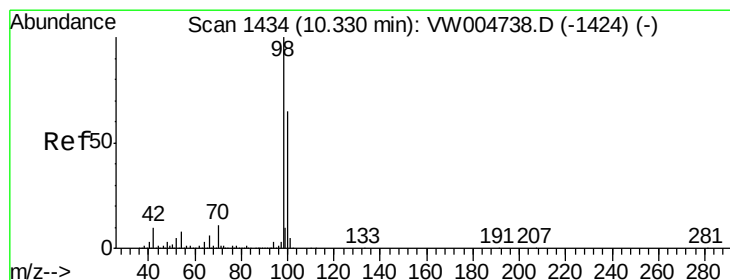
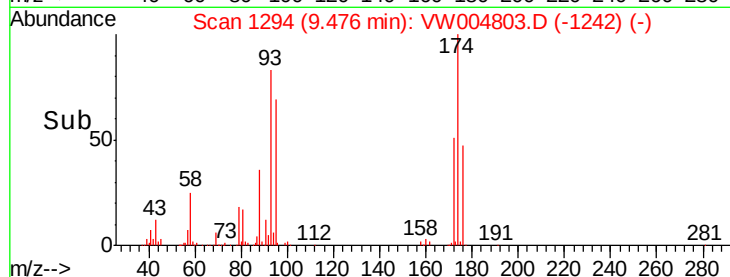
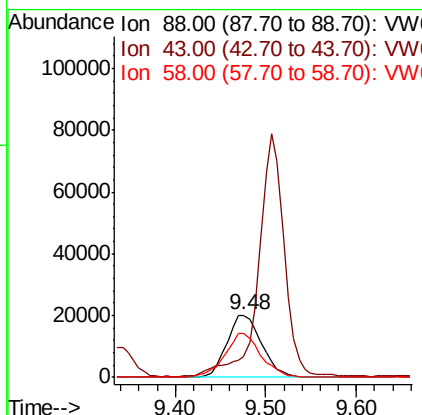
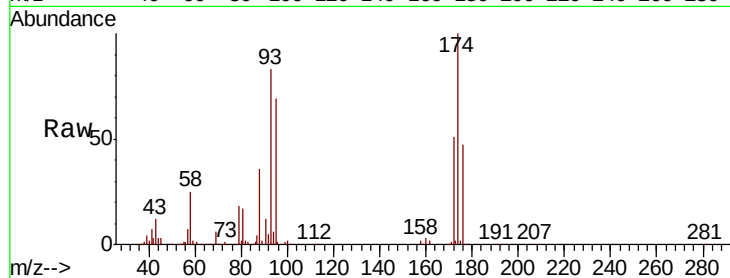




#49
1,4-Dioxane
Concen: 1206.422 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.02 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

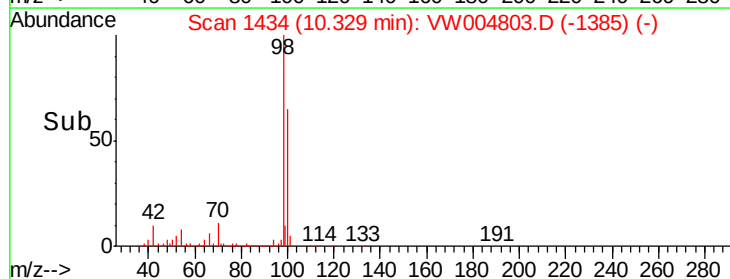
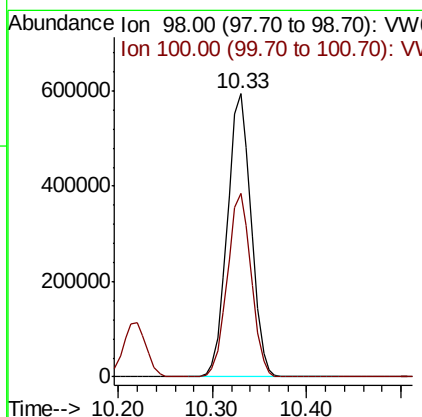
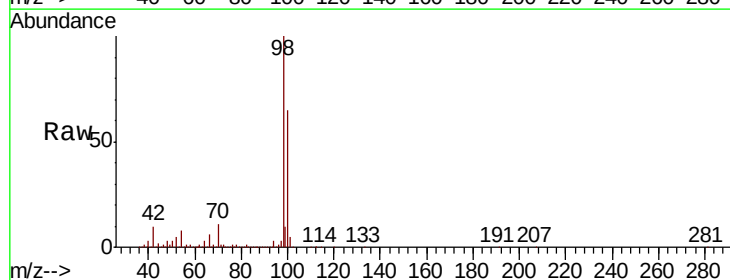
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MS

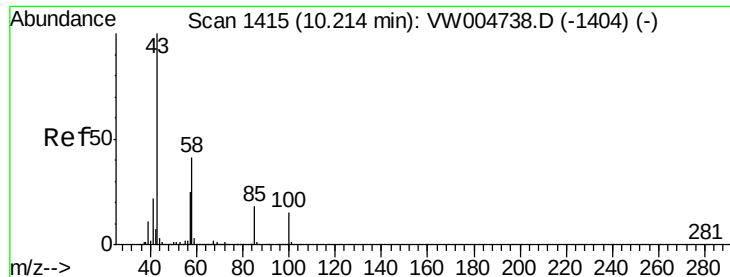
Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	73.6	60.0	90.0



#50
Toluene-d8
Concen: 49.454 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.8	77.8

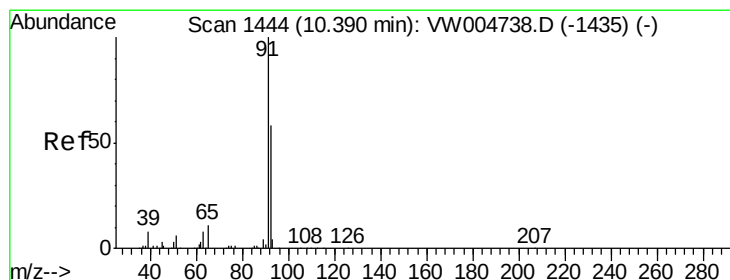
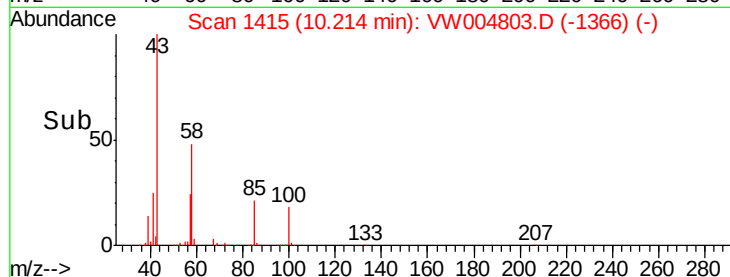
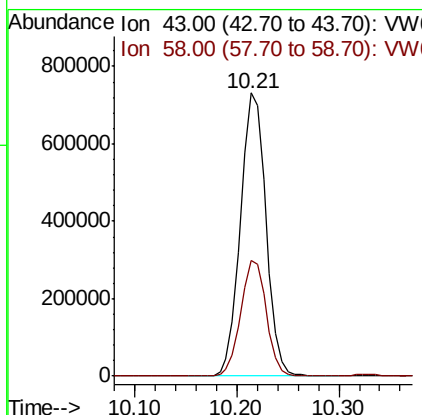
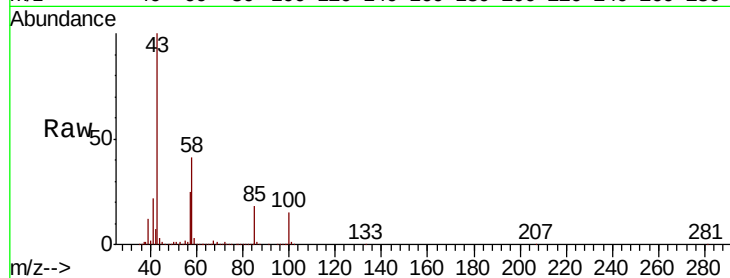




#51
 4-Methyl-2-Pentanone
 Concen: 302.570 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

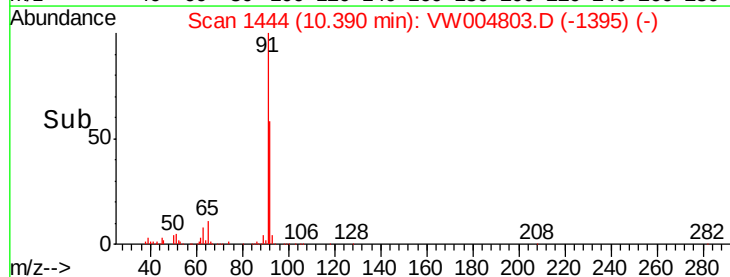
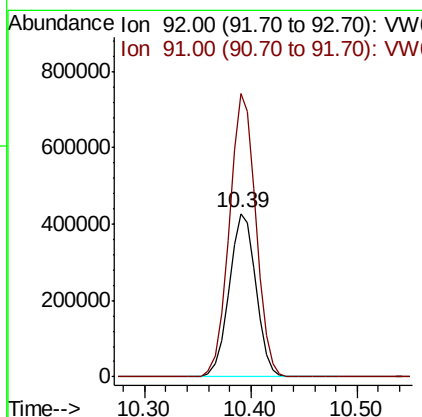
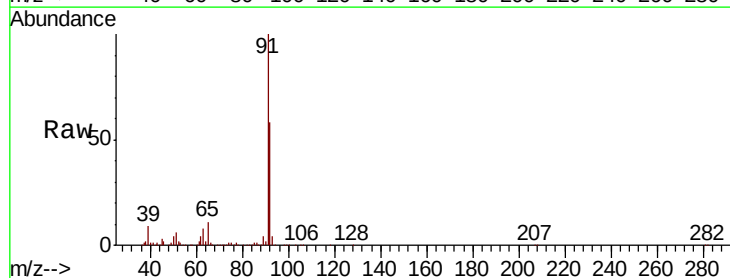
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MS

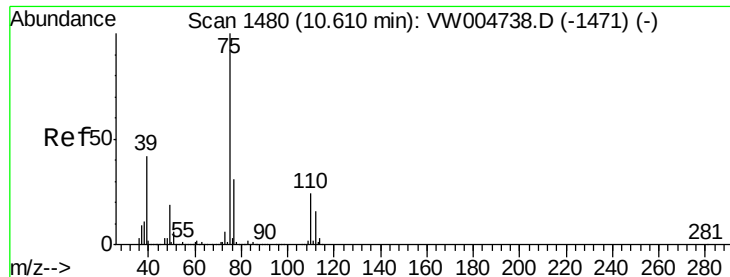
Tgt Ion: 43 Resp: 1271039
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.7 49.1



#52
 Toluene
 Concen: 49.654 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

Tgt Ion: 92 Resp: 751274
 Ion Ratio Lower Upper
 92 100
 91 172.1 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 50.001 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

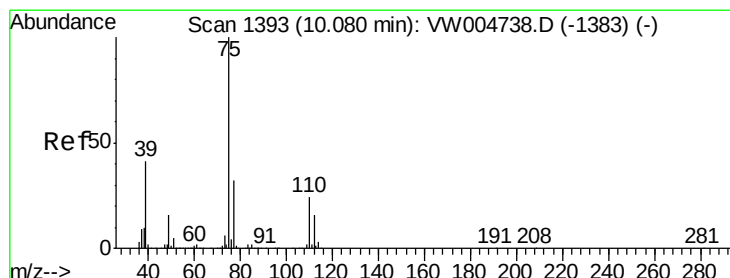
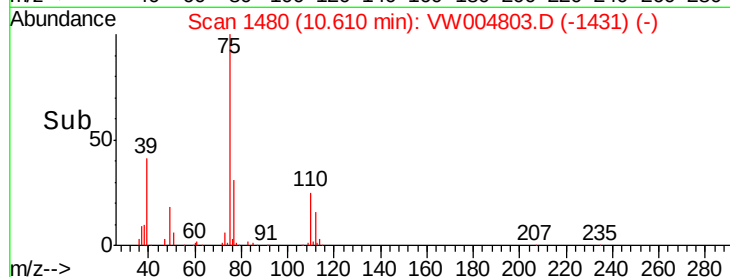
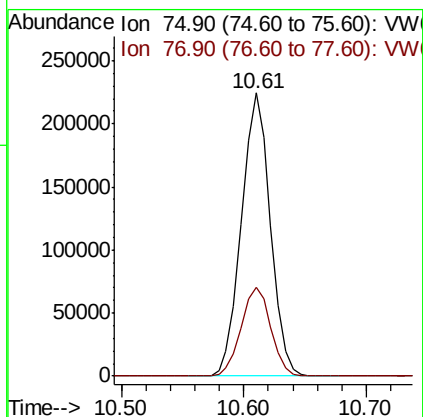
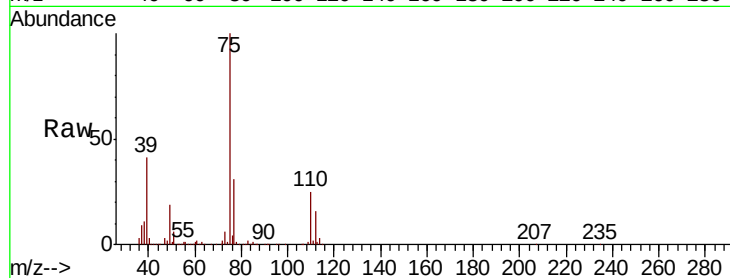
LSB-07(0-1)MS

Tgt Ion: 75 Resp: 367810

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 50.446 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

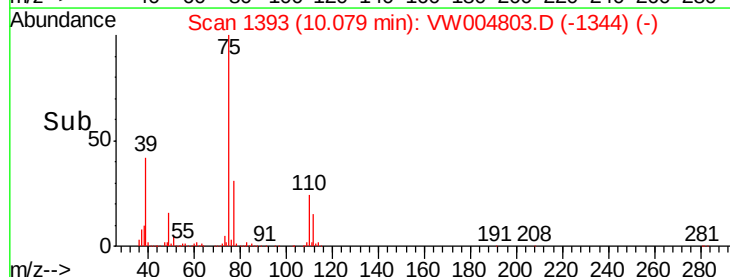
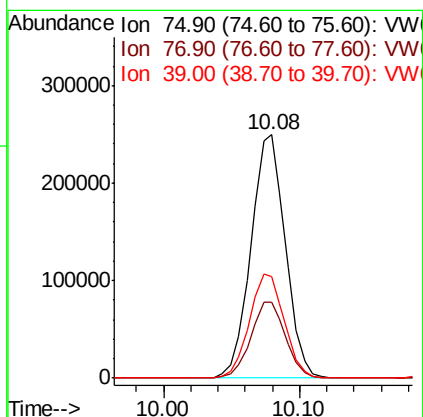
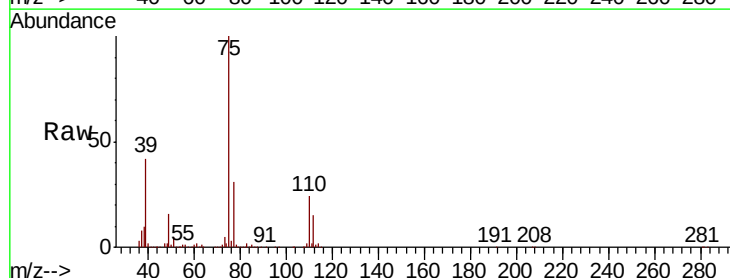
Tgt Ion: 75 Resp: 442392

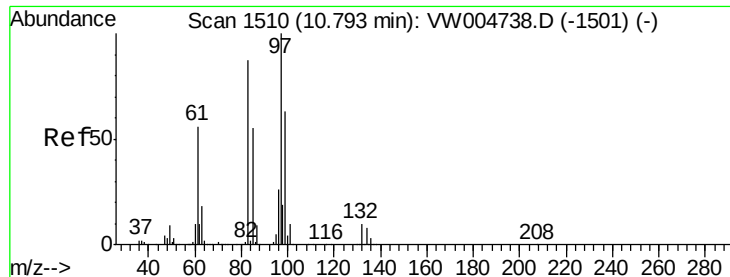
Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4

39 41.7 33.0 49.4

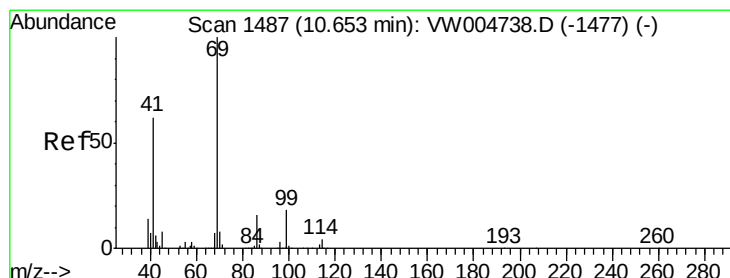
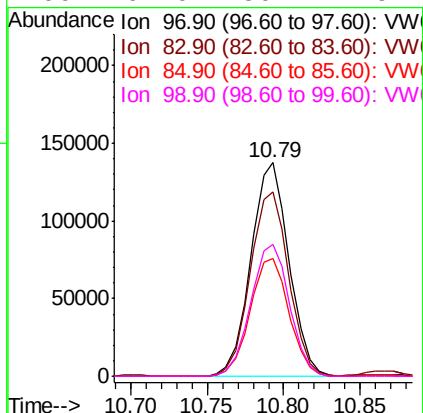
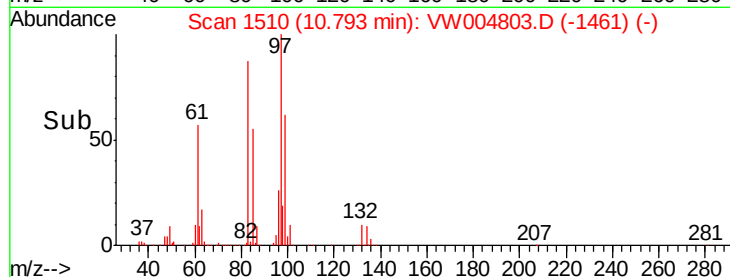
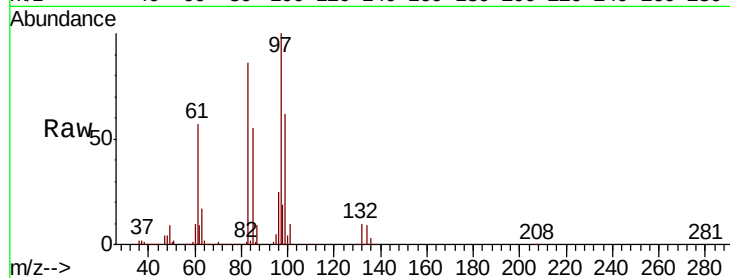




#55
 1,1,2-Trichloroethane
 Concen: 54.788 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

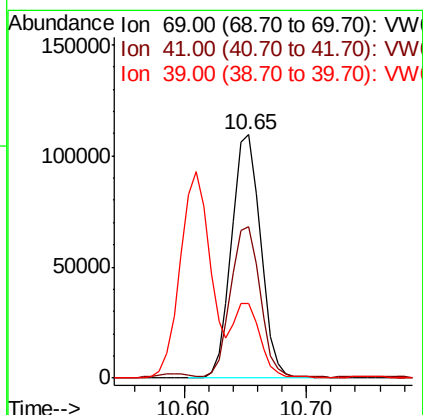
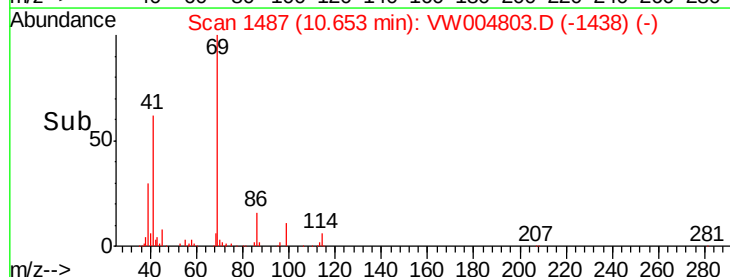
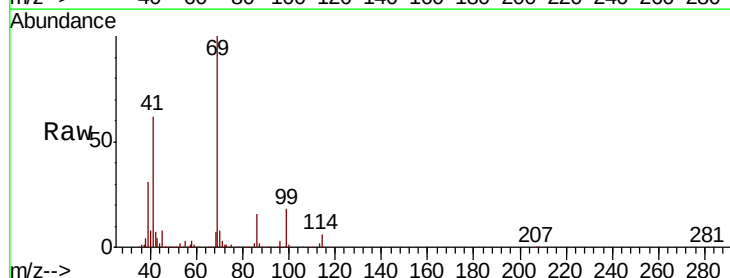
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MS

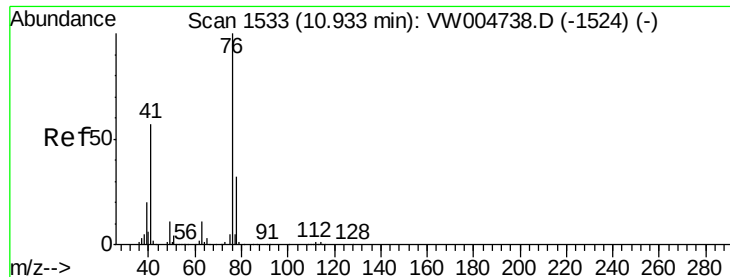
Tgt Ion:	97	Resp:	238090
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.4	104.2
85	55.3	44.3	66.5
99	62.0	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 32.779 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

Tgt Ion:	69	Resp:	179901
Ion	Ratio	Lower	Upper
69	100		
41	62.9	50.7	76.1
39	27.9	21.4	32.2





#57

1,3-Dichloropropane

Concen: 54.388 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.01 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

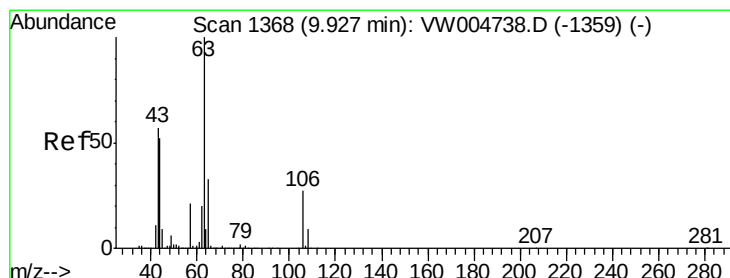
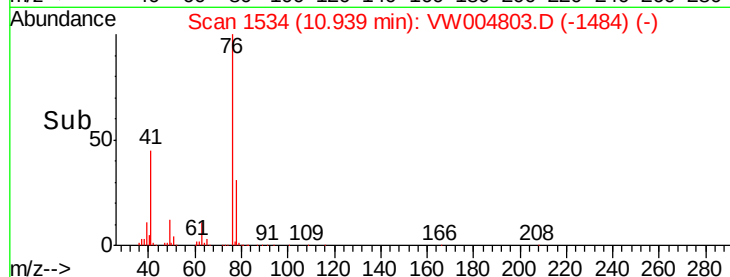
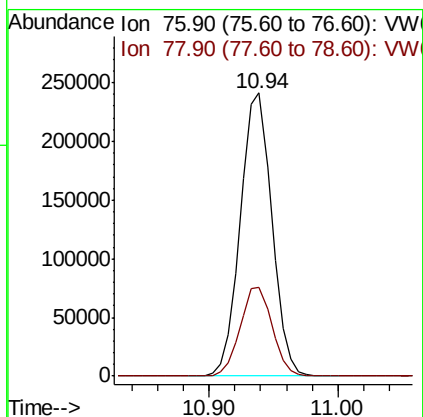
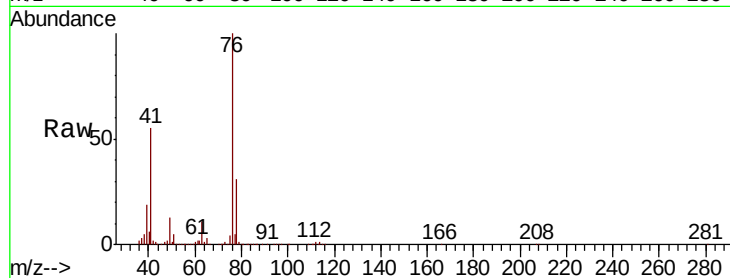
LSB-07(0-1)MS

Tgt Ion: 76 Resp: 407980

Ion Ratio Lower Upper

76 100

78 32.1 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 290.730 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VW004803.D

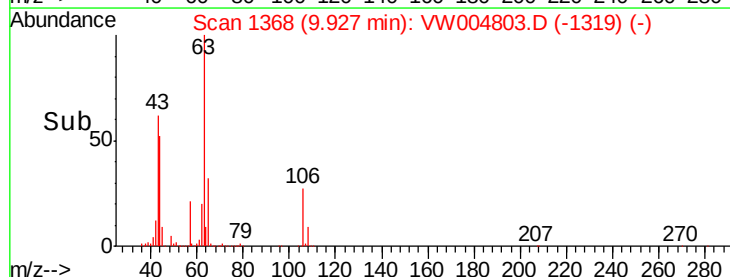
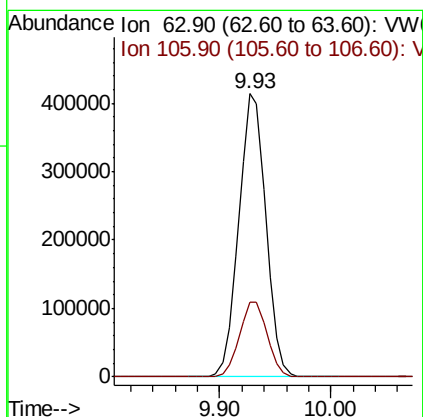
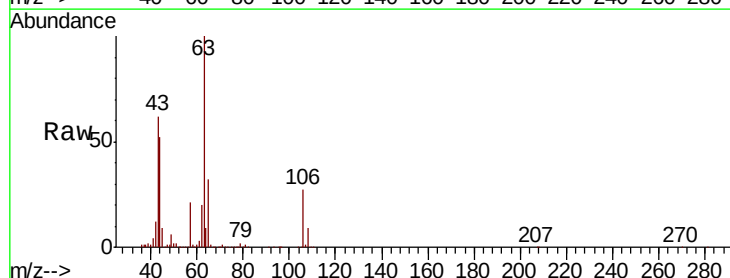
Acq: 20 Aug 2018 20:28

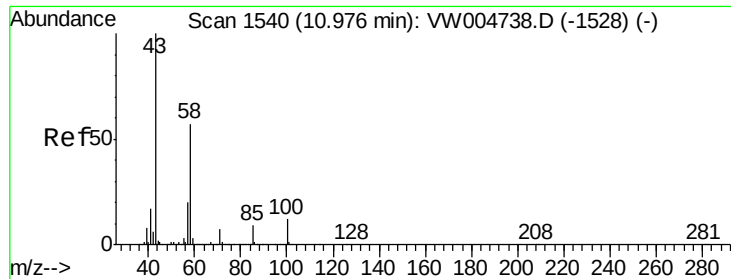
Tgt Ion: 63 Resp: 697736

Ion Ratio Lower Upper

63 100

106 27.1 22.1 33.1

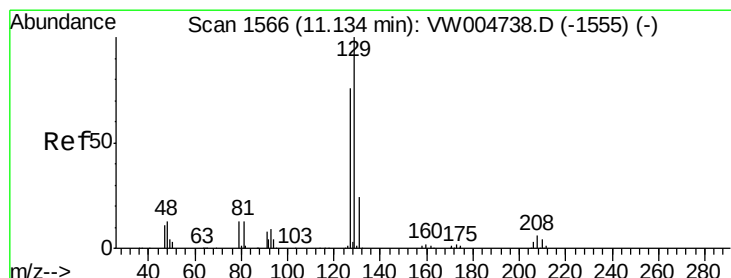
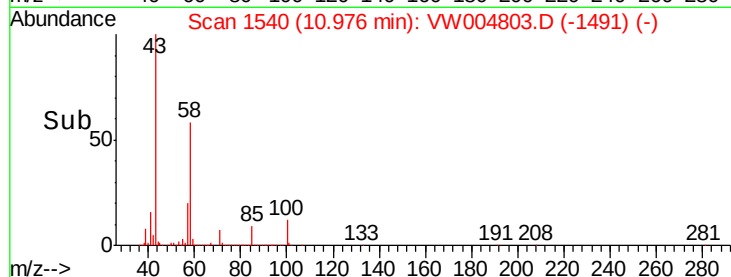
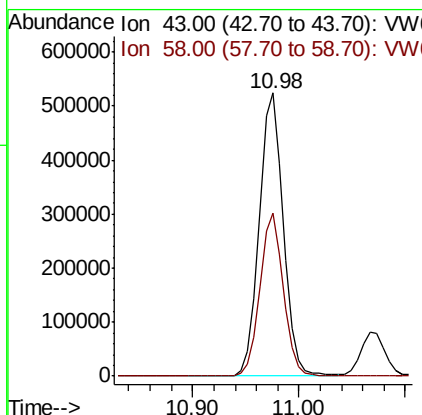
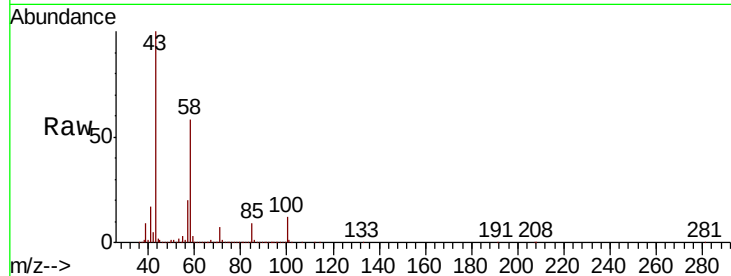




#59
2-Hexanone
Concen: 292.940 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

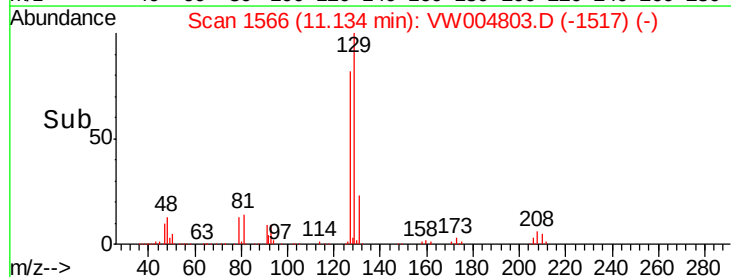
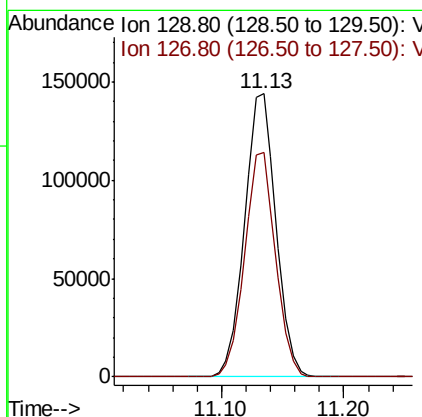
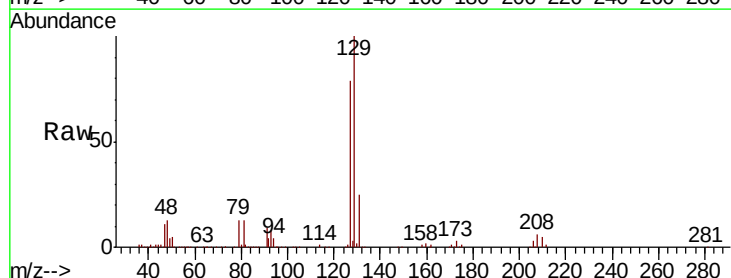
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MS

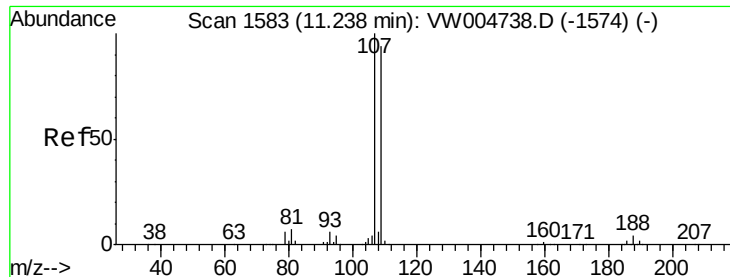
Tgt Ion: 43 Resp: 833805
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.4



#60
Dibromochloromethane
Concen: 52.679 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion: 129 Resp: 256842
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5

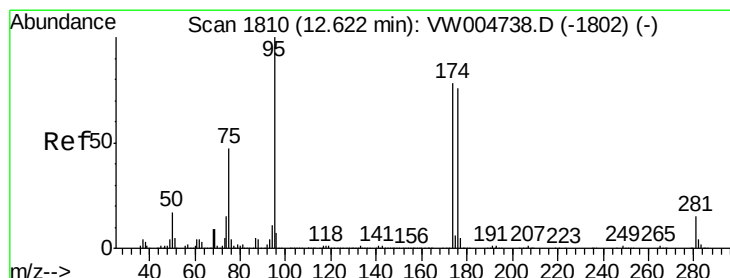
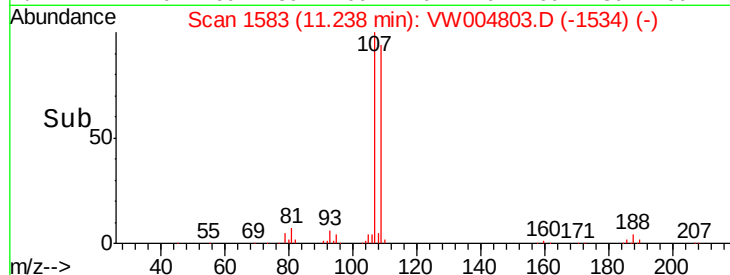
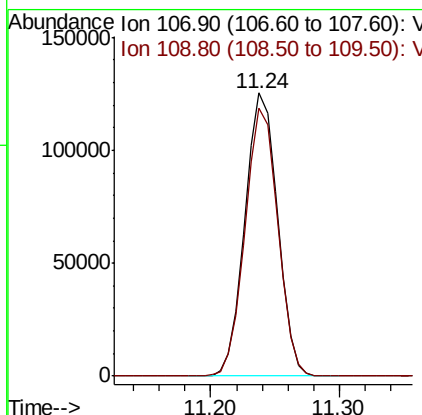
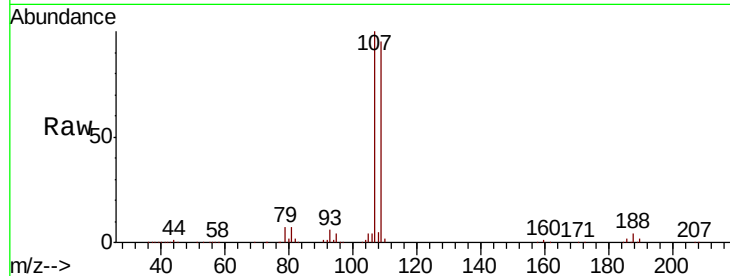




#61
 1,2-Dibromoethane
 Concen: 52.659 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

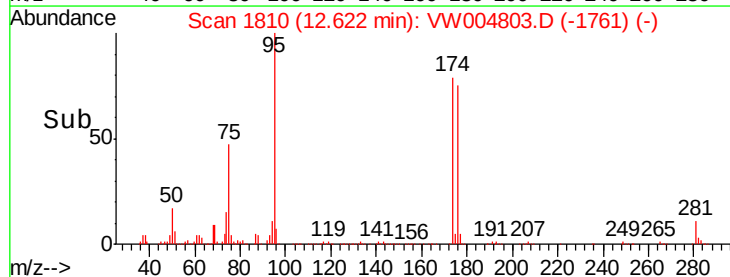
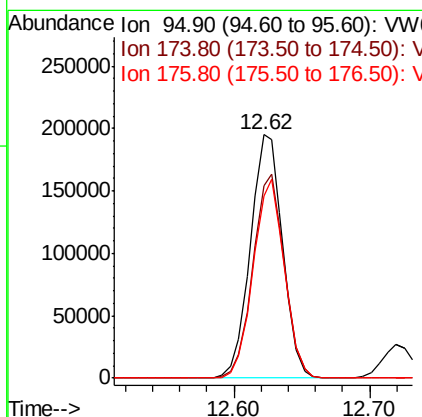
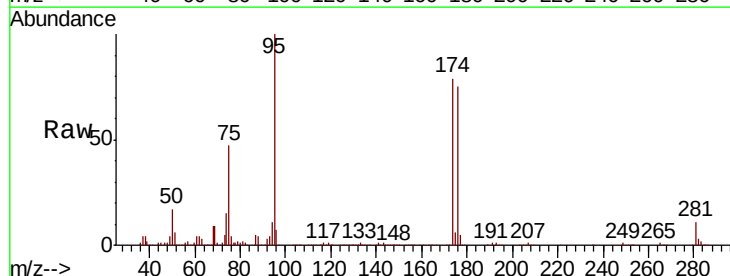
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MS

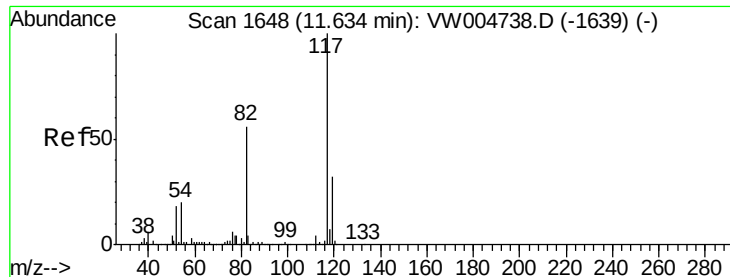
Tgt Ion: 107 Resp: 218741
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 42.758 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

Tgt Ion: 95 Resp: 323394
 Ion Ratio Lower Upper
 95 100
 174 82.0 0.0 165.8
 176 79.0 0.0 159.8

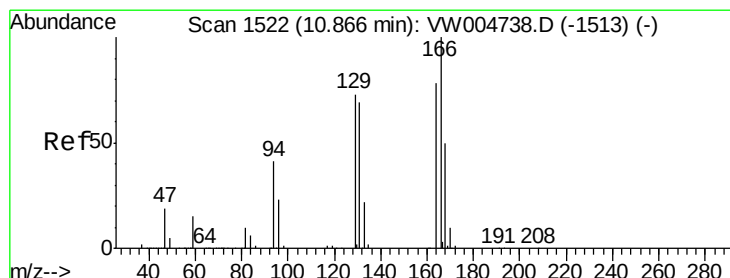
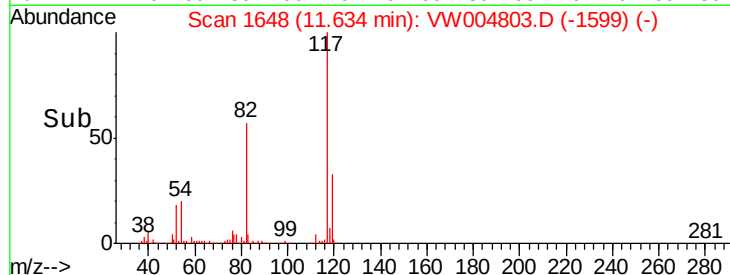
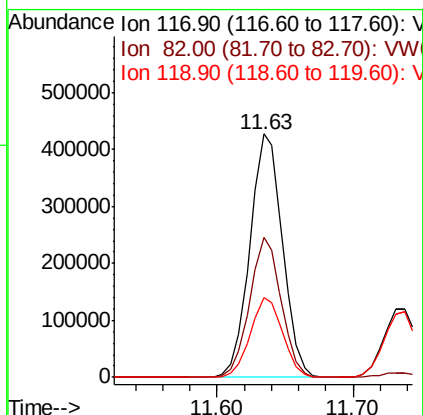
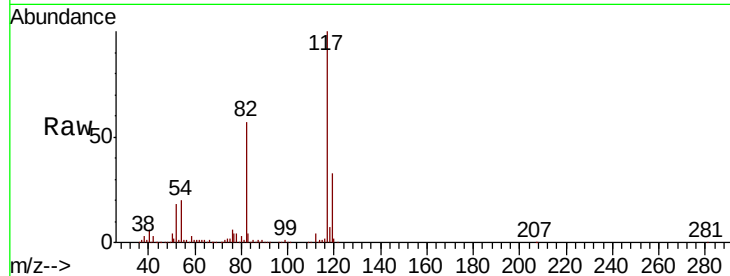




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

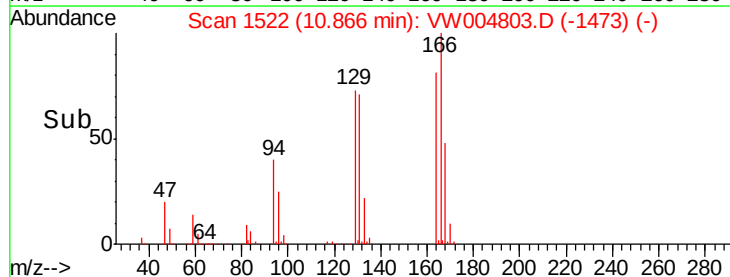
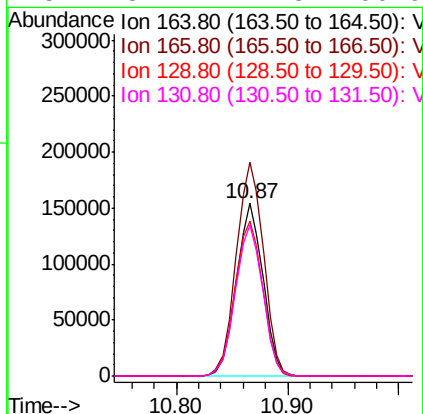
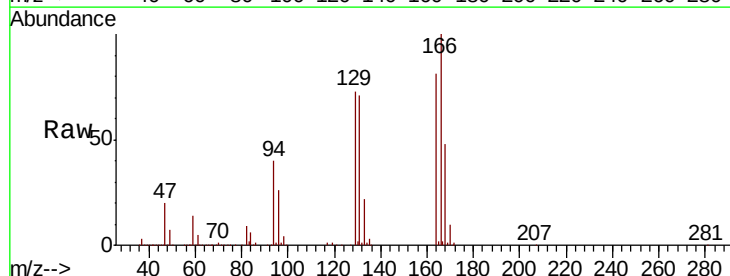
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MS

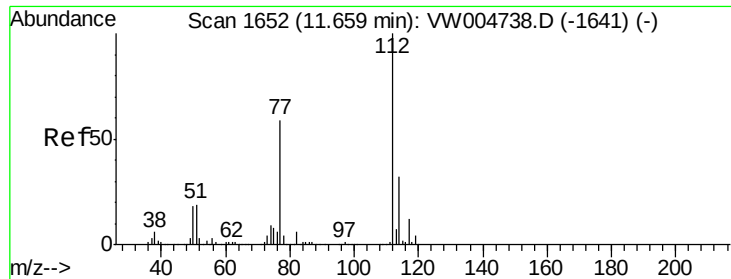
Tgt Ion:117 Resp: 717784
Ion Ratio Lower Upper
117 100
82 57.2 44.6 67.0
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 51.920 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion:164 Resp: 254691
Ion Ratio Lower Upper
164 100
166 123.9 102.5 153.7
129 90.1 75.1 112.7
131 87.7 71.3 106.9

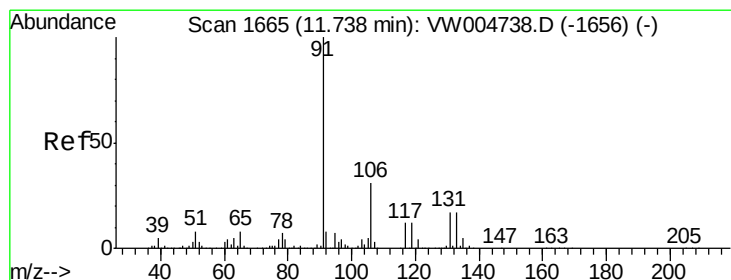
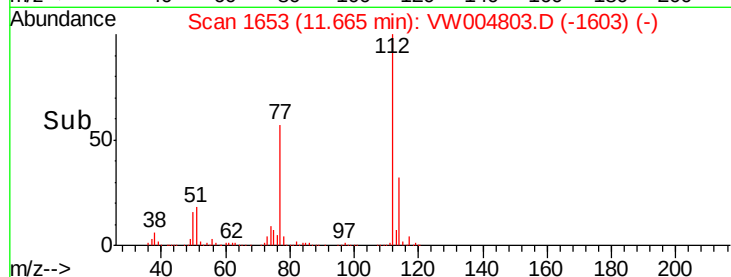
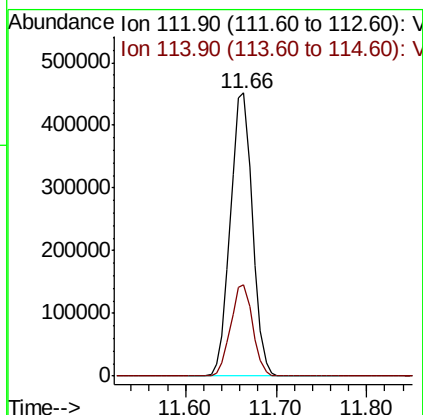
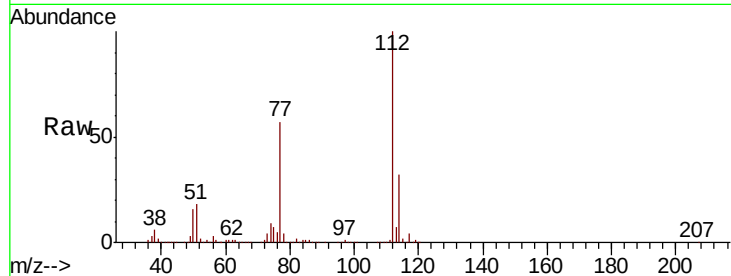




#65
Chlorobenzene
Concen: 49.356 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

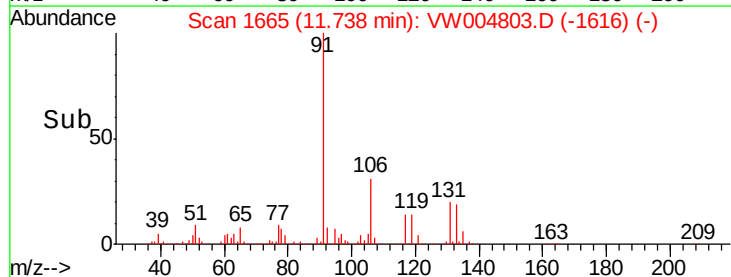
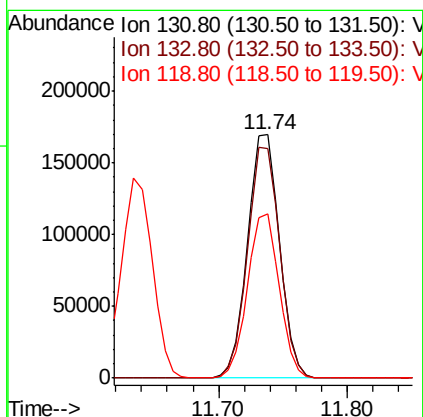
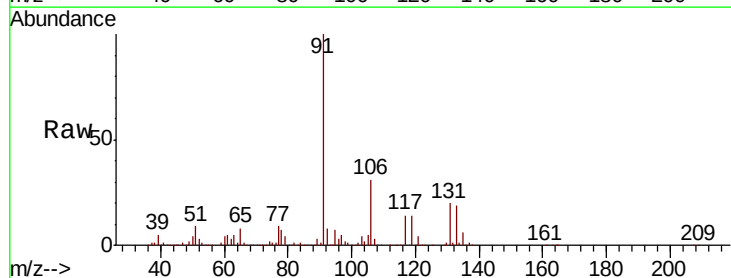
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MS

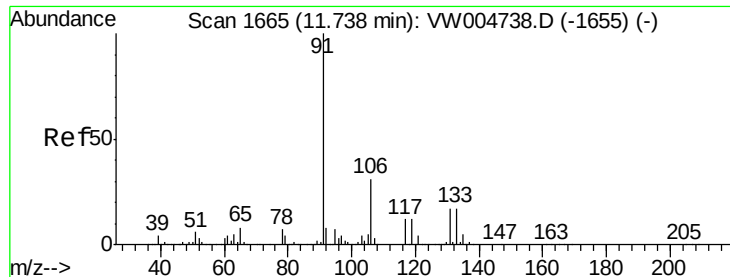
Tgt Ion:112 Resp: 762492
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 55.560 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion:131 Resp: 289823
Ion Ratio Lower Upper
131 100
133 95.8 48.2 144.6
119 66.9 34.0 102.0

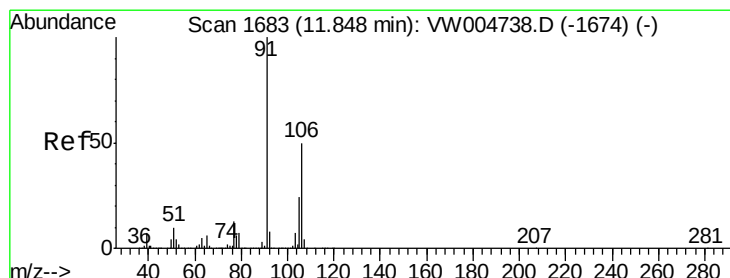
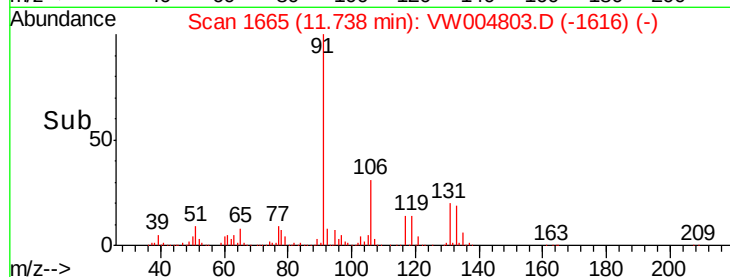
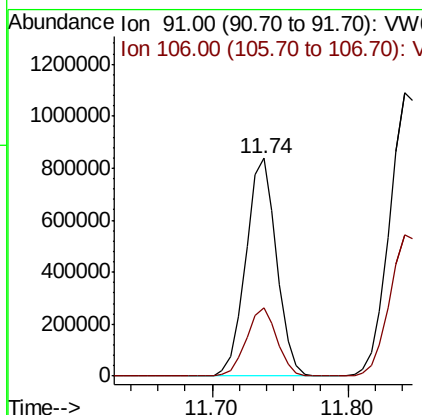
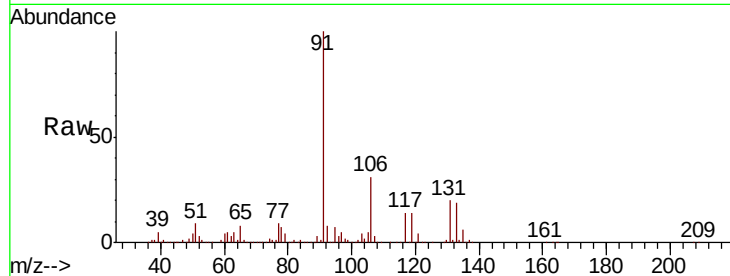




#67
Ethyl Benzene
Concen: 50.457 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

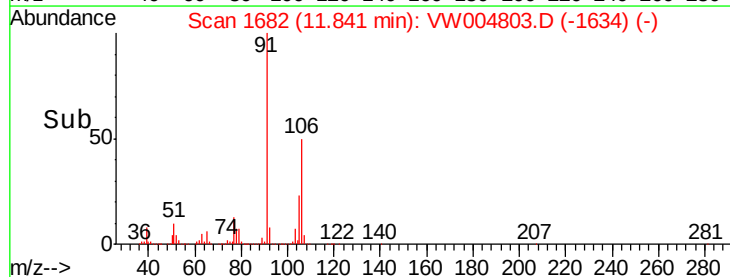
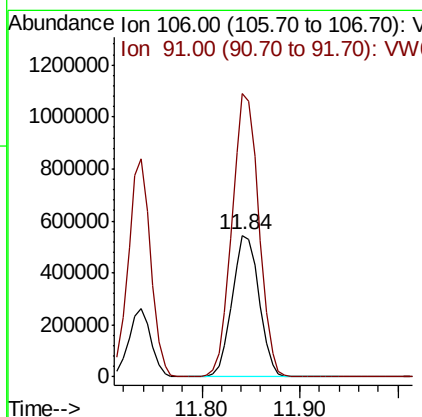
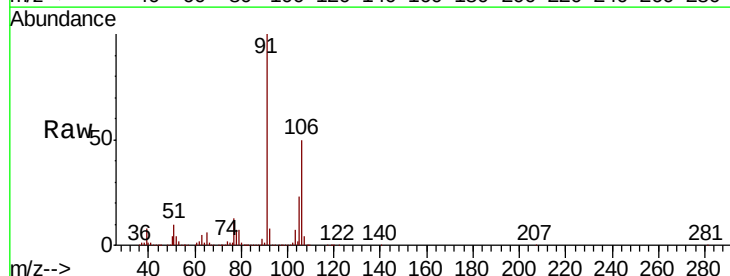
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MS

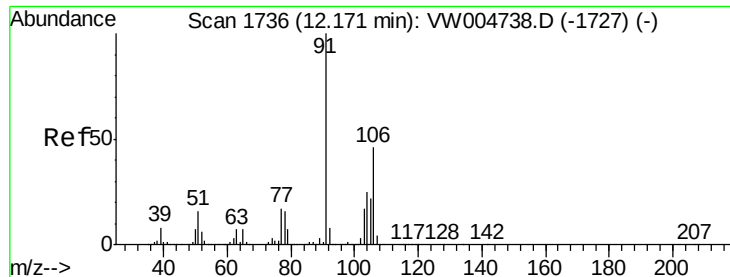
Tgt Ion: 91 Resp: 1321474
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 101.634 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion: 106 Resp: 1035604
Ion Ratio Lower Upper
106 100
91 199.7 159.9 239.9

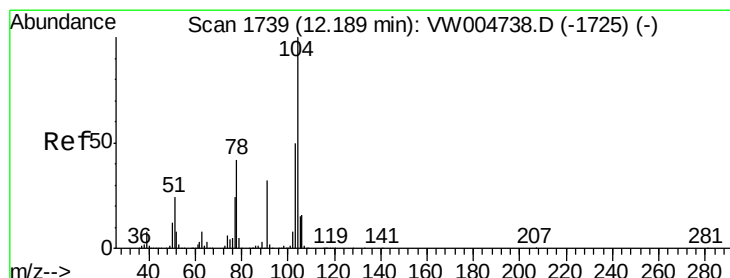
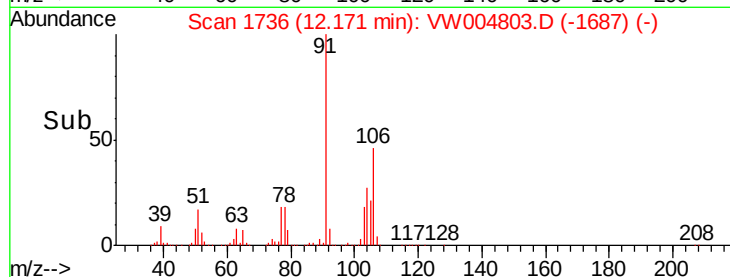
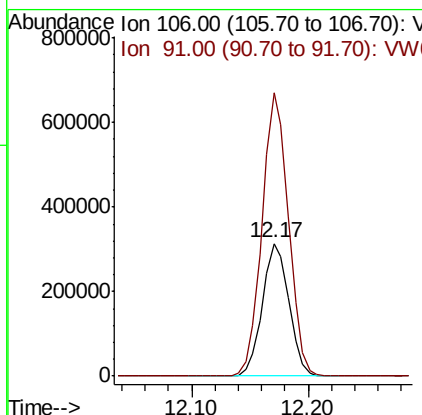
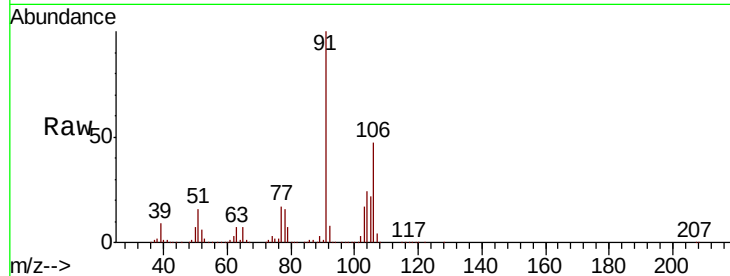




#69
o-Xylene
Concen: 52.346 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

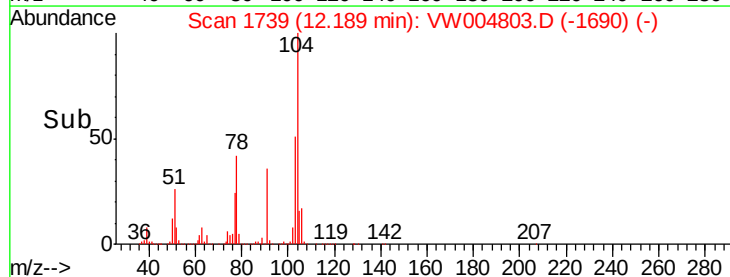
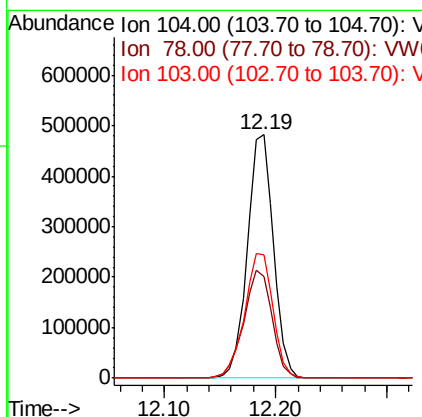
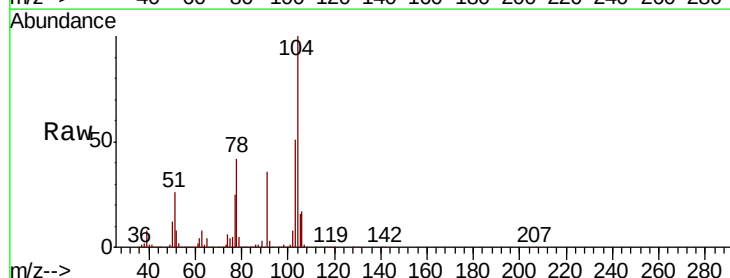
Instrument :
MSVOA_W
ClientSampled :
LSB-07(0-1)MS

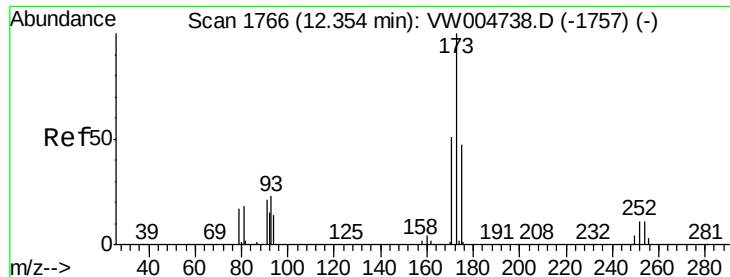
Tgt Ion:106 Resp: 493771
Ion Ratio Lower Upper
106 100
91 212.4 107.3 321.8



#70
Styrene
Concen: 49.643 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion:104 Resp: 786607
Ion Ratio Lower Upper
104 100
78 48.2 38.4 57.6
103 55.7 44.1 66.1

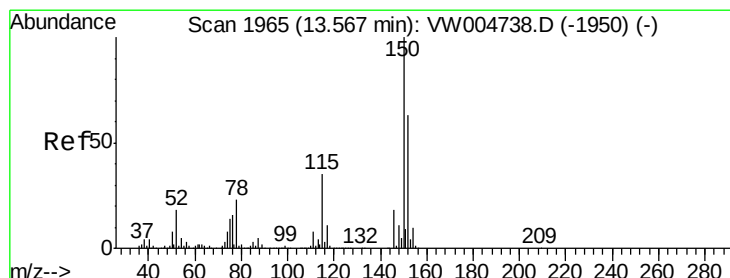
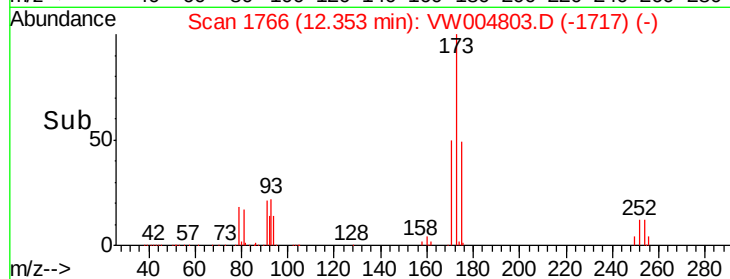
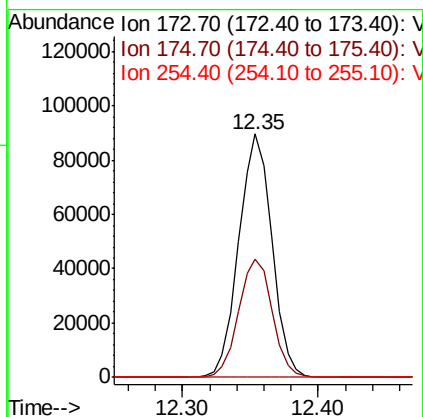
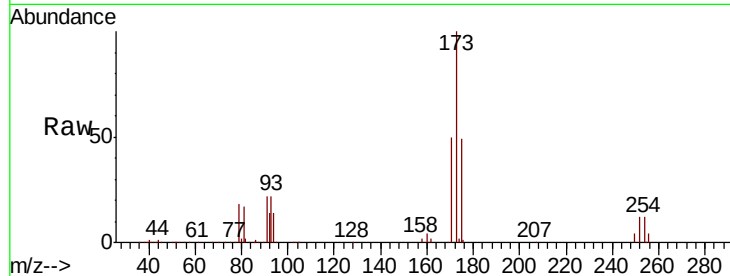




#71
Bromoform
Concen: 55.244 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

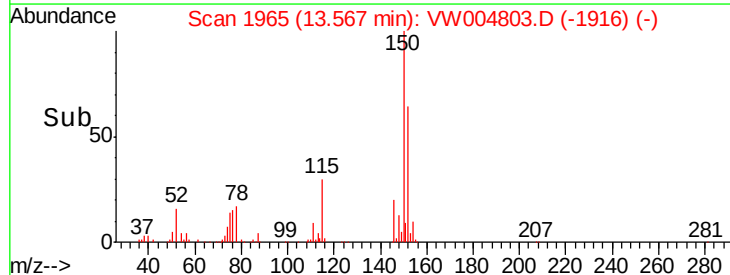
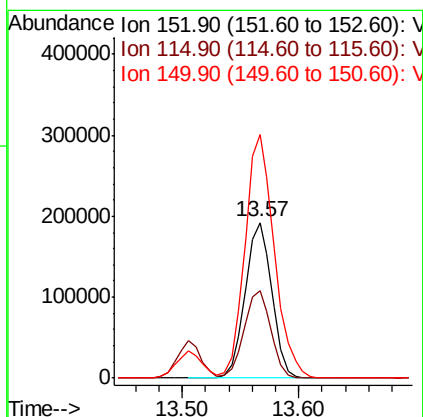
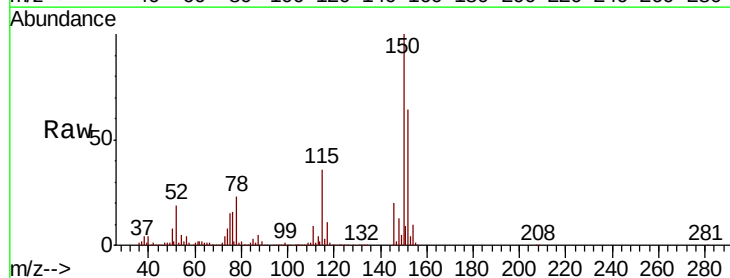
Instrument :
MSVOA_W
ClientSampleId :
LSB-07(0-1)MS

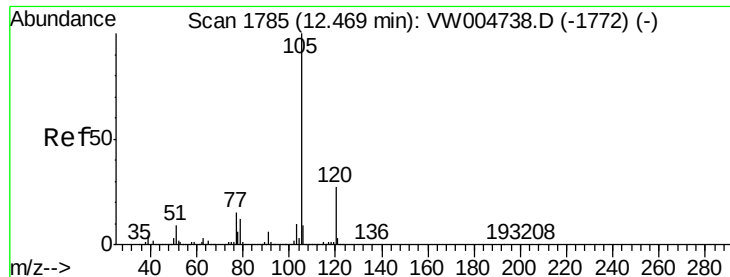
Tgt Ion:173 Resp: 152102
Ion Ratio Lower Upper
173 100
175 49.2 23.8 71.4
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion:152 Resp: 305694
Ion Ratio Lower Upper
152 100
115 56.5 28.5 85.5
150 172.2 0.0 344.8





#73

Isopropylbenzene

Concen: 58.852 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

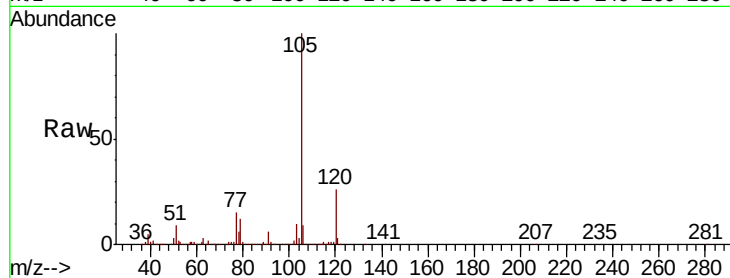
LSB-07(0-1)MS

Tgt Ion:105 Resp: 1223932

Ion Ratio Lower Upper

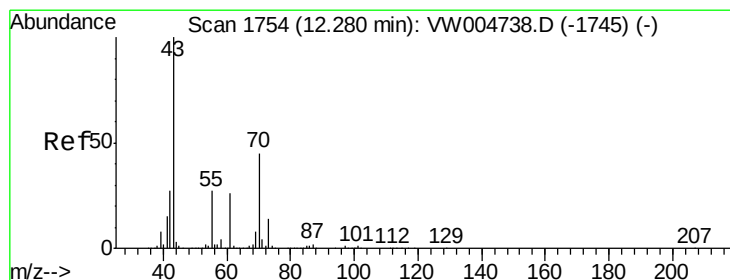
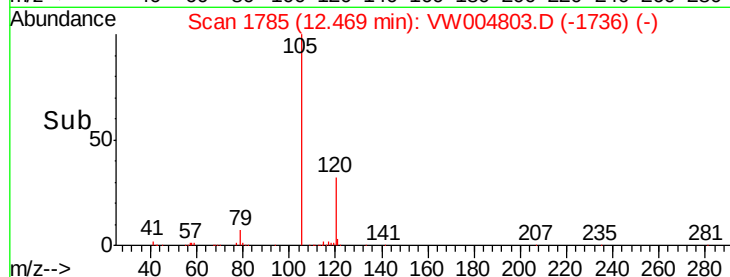
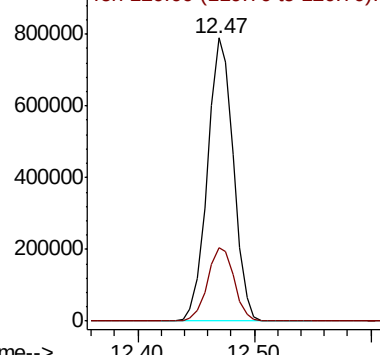
105 100

120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.512 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Tgt Ion: 43 Resp: 92652

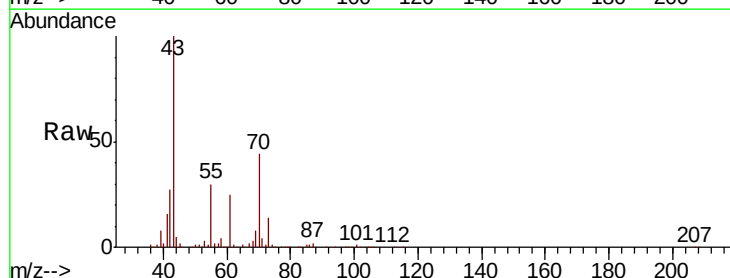
Ion Ratio Lower Upper

43 100

70 44.4 36.3 54.5

55 31.3 22.6 33.8

61 24.9 20.2 30.4

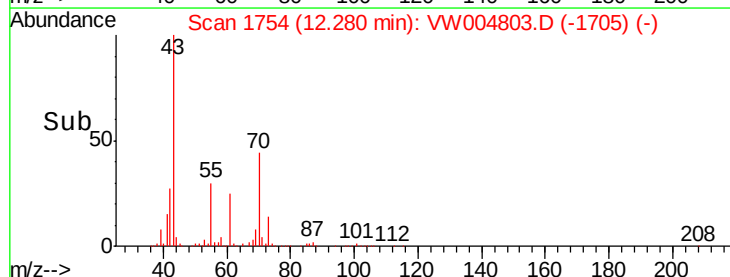
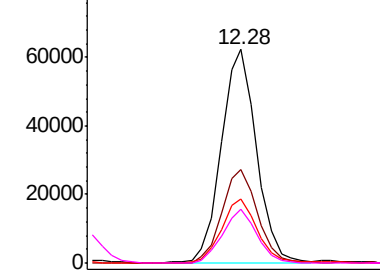


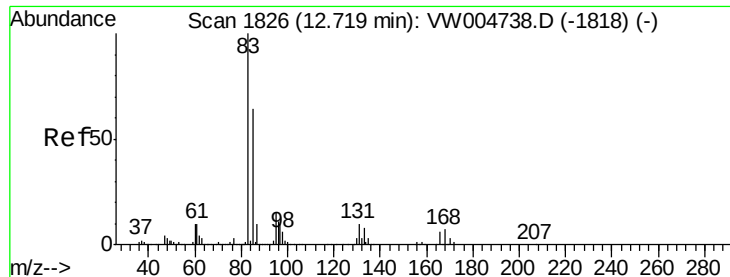
Abundance Ion 43.00 (42.70 to 43.70): VV

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





#75

1,1,2,2-Tetrachloroethane

Concen: 73.634 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MS

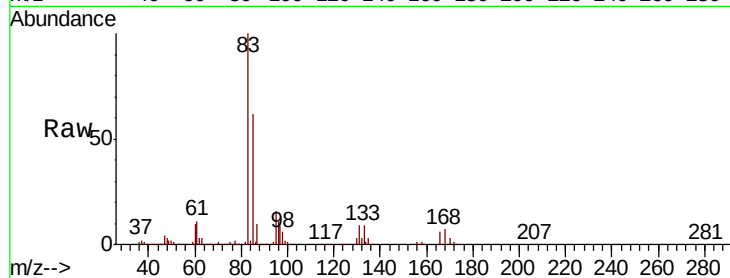
Tgt Ion: 83 Resp: 283677

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

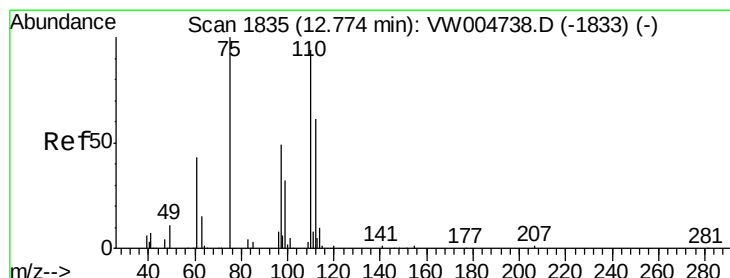
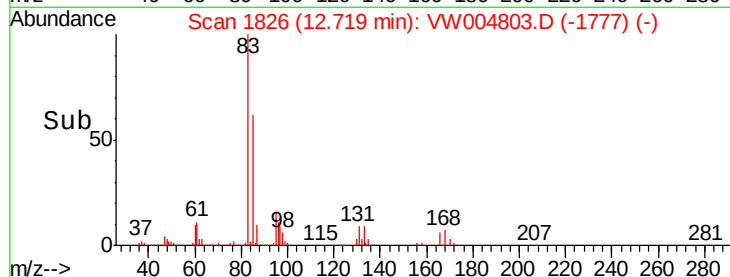
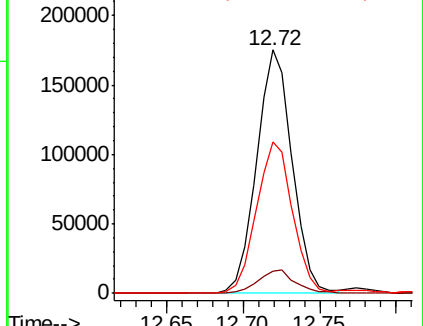
85 63.3 31.9 95.9



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: 126.974 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004803.D

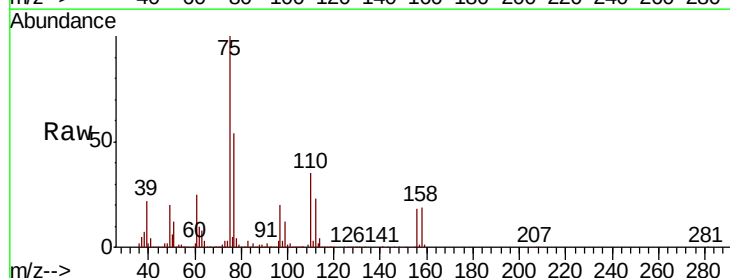
Acq: 20 Aug 2018 20:28

Tgt Ion: 75 Resp: 342164

Ion Ratio Lower Upper

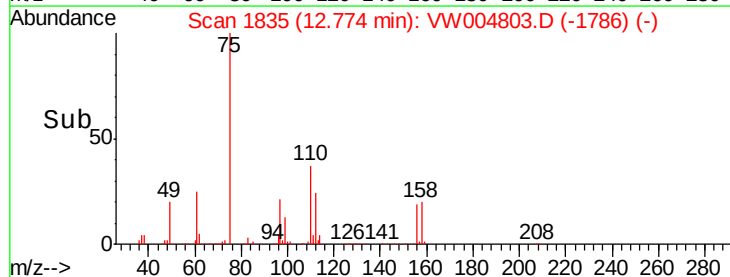
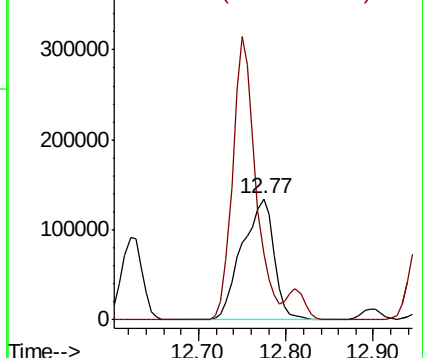
75 100

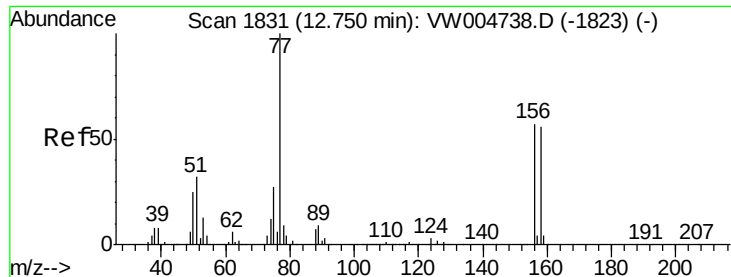
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 58.662 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MS

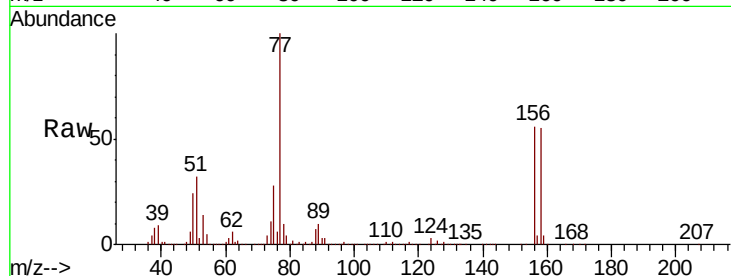
Tgt Ion:156 Resp: 295295

Ion Ratio Lower Upper

156 100

77 195.6 94.2 282.4

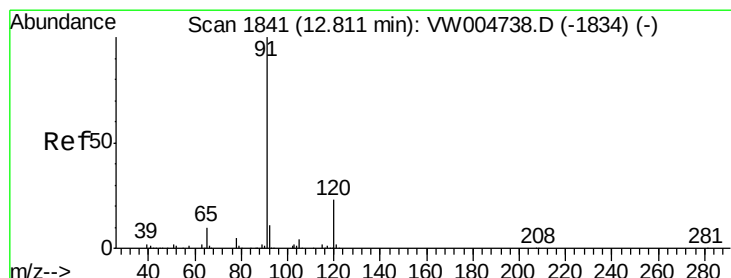
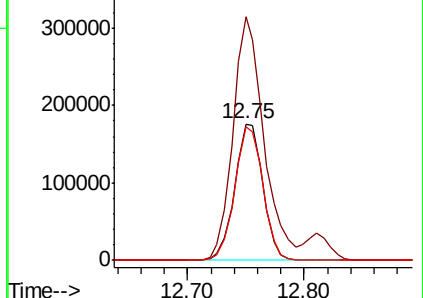
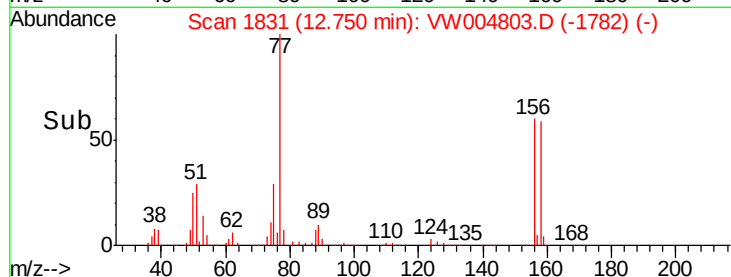
158 98.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.227 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004803.D

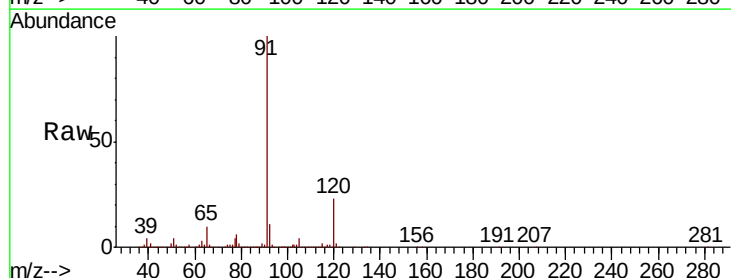
Acq: 20 Aug 2018 20:28

Tgt Ion: 91 Resp: 1350765

Ion Ratio Lower Upper

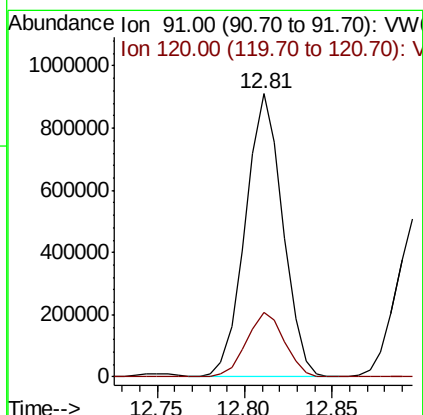
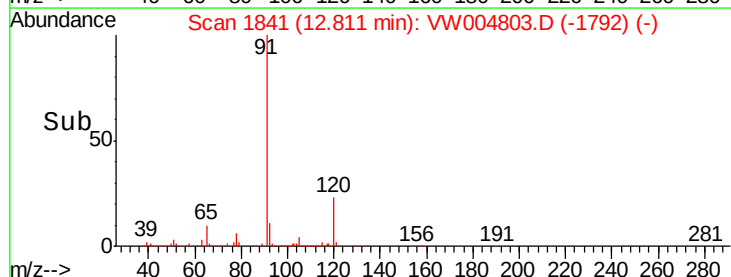
91 100

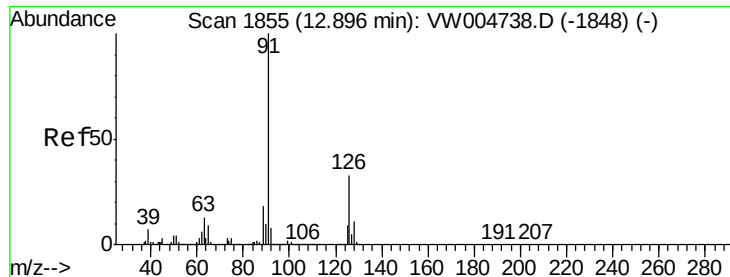
120 23.1 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

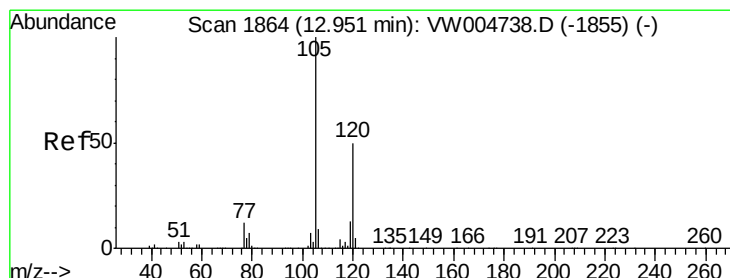
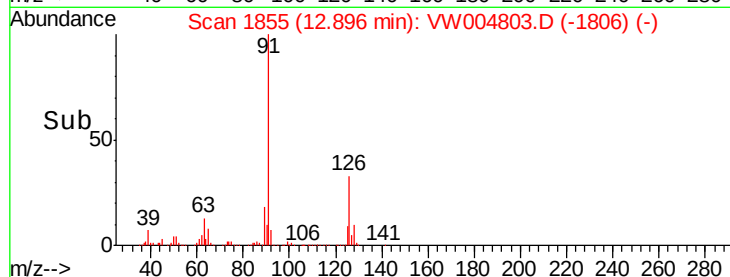
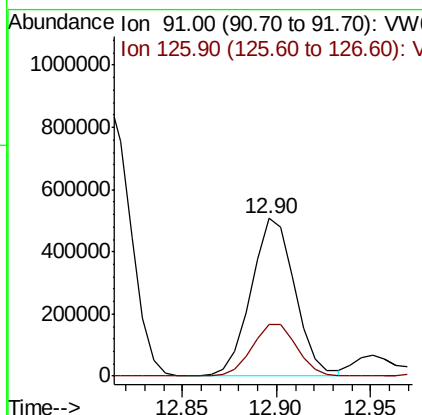
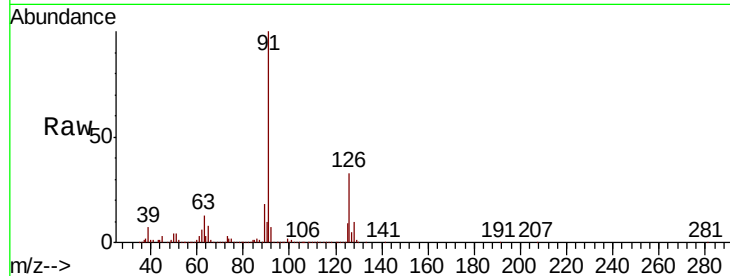




#79
 2-Chlorotoluene
 Concen: 55.835 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

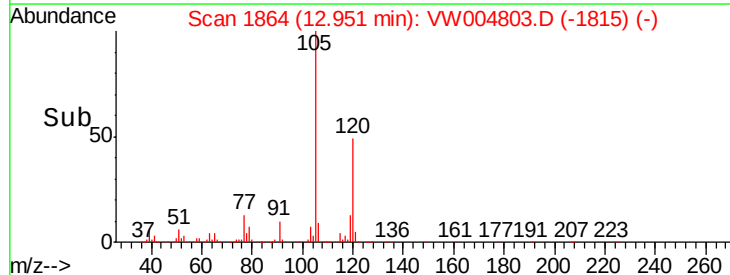
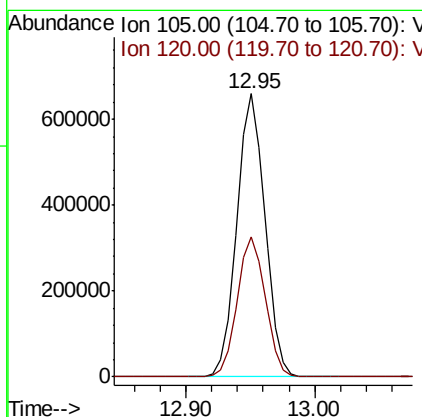
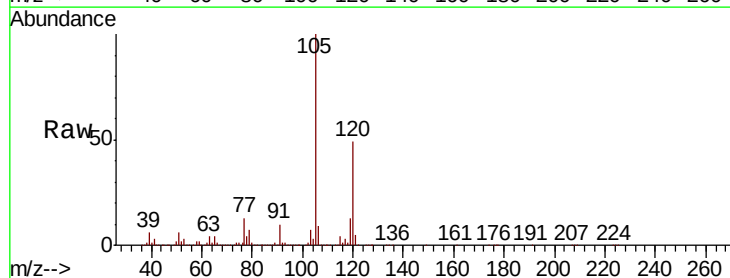
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MS

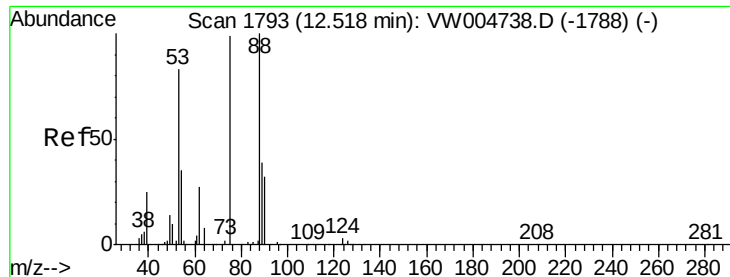
Tgt Ion: 91 Resp: 816746
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 56.322 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

Tgt Ion: 105 Resp: 995098
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 66.663 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

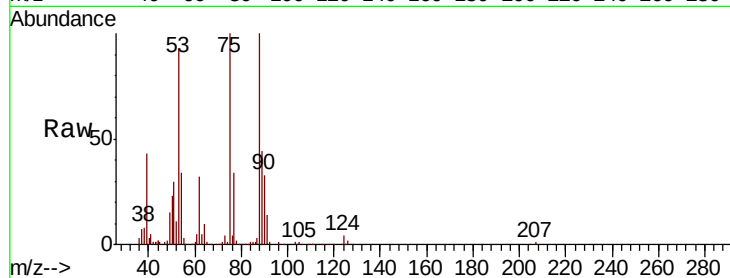
MSVOA_W

ClientSampleId :

LSB-07(0-1)MS

Tgt Ion: 75 Resp: 77289

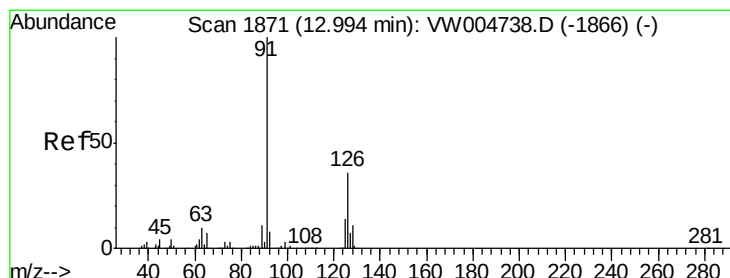
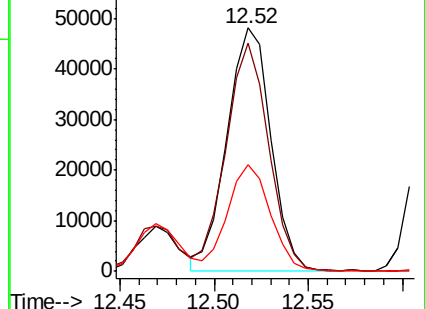
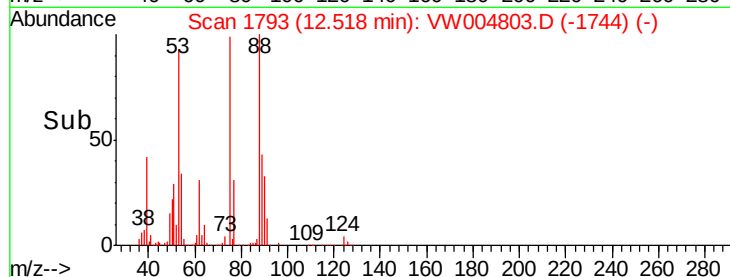
Ion	Ratio	Lower	Upper
75	100		
53	92.3	72.2	108.4
89	42.7	35.2	52.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 52.725 ug/l

RT: 12.99 min Scan# 1871

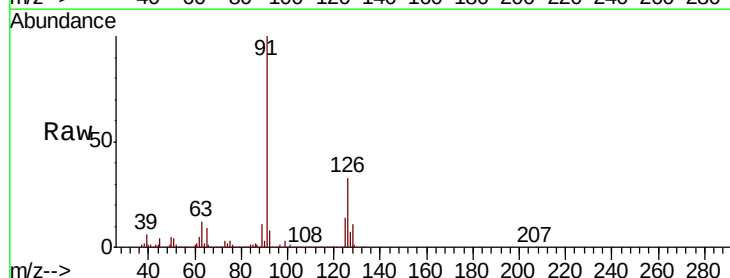
Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

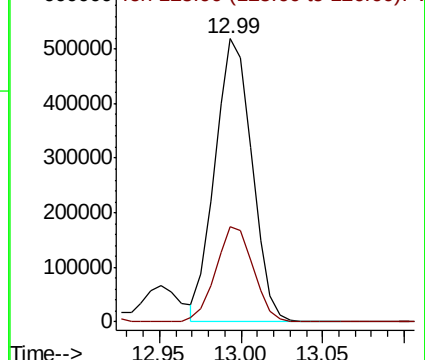
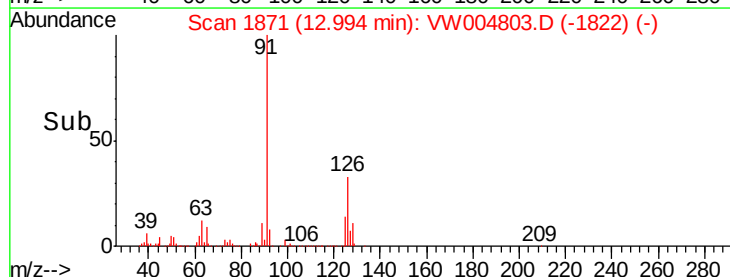
Tgt Ion: 91 Resp: 819470

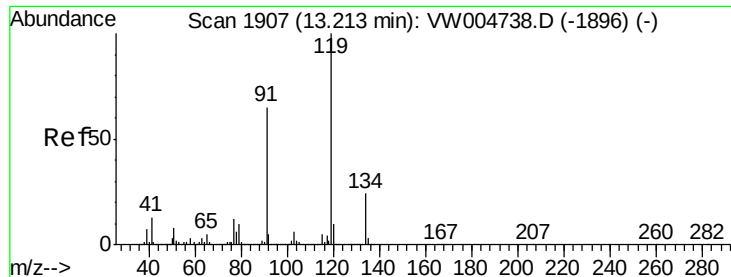
Ion	Ratio	Lower	Upper
91	100		
126	34.1	16.9	50.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

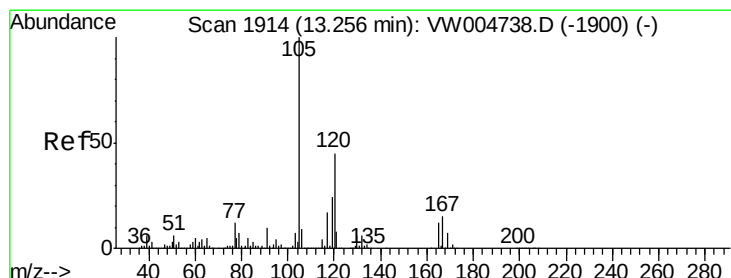
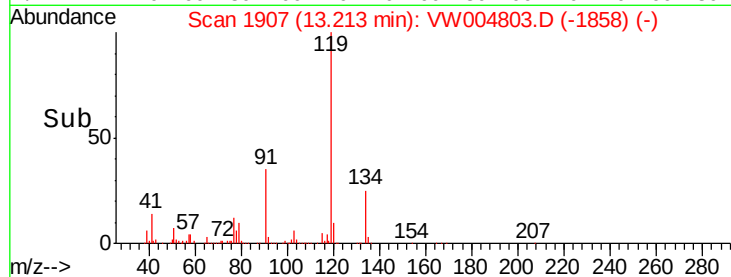
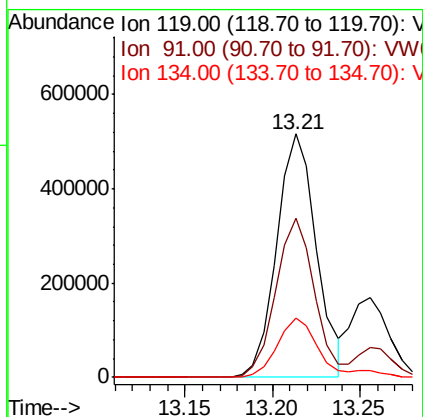
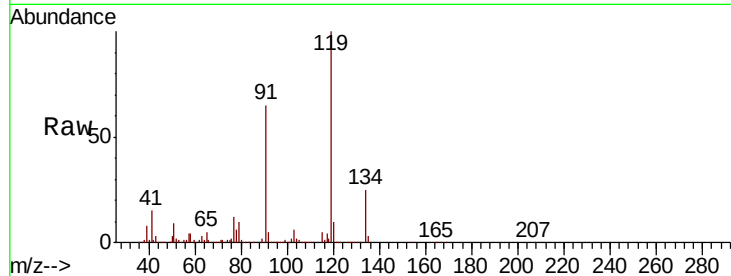




#83
 tert-Butylbenzene
 Concen: 54.162 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

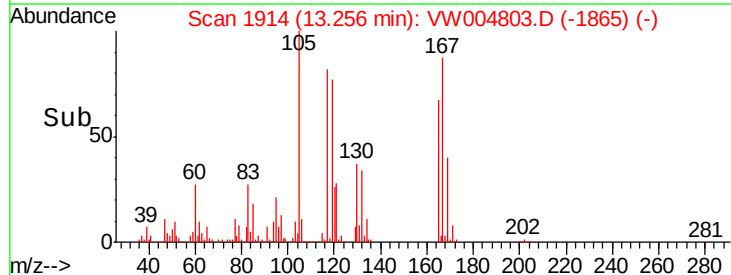
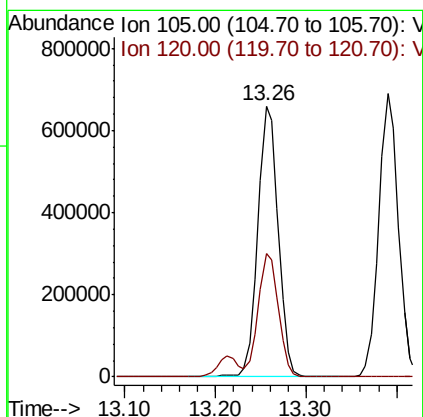
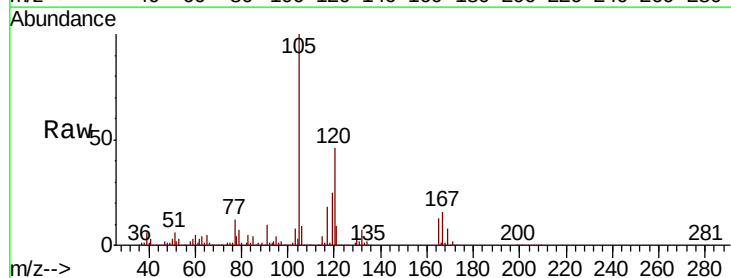
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MS

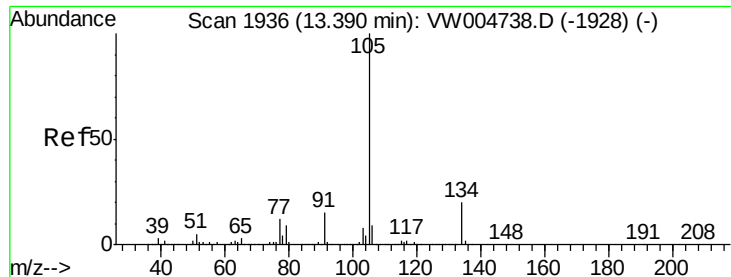
Tgt Ion:119 Resp: 818498
 Ion Ratio Lower Upper
 119 100
 91 64.8 32.6 97.8
 134 24.4 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 56.283 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

Tgt Ion:105 Resp: 1023091
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.8 68.3

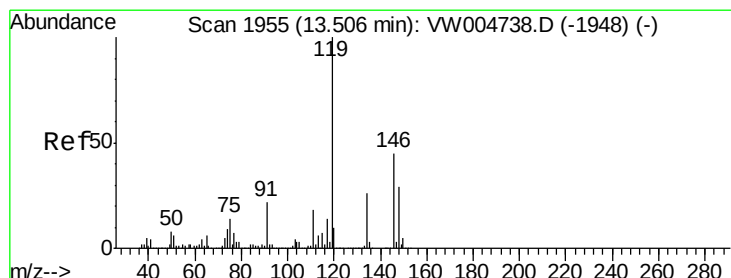
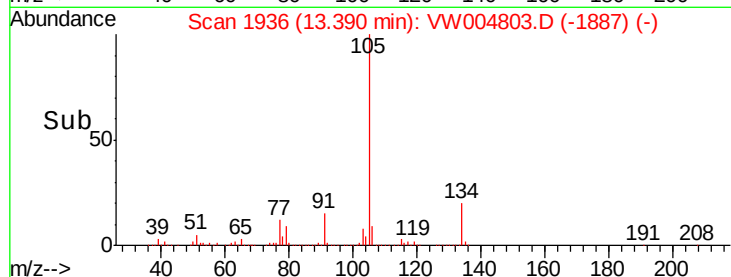
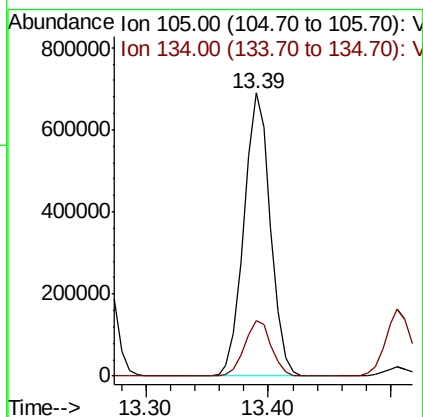
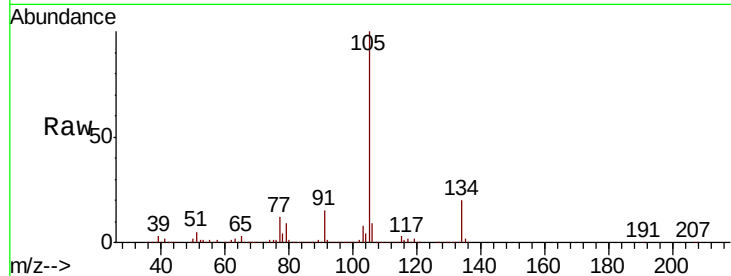




#85
 sec-Butylbenzene
 Concen: 45.718 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

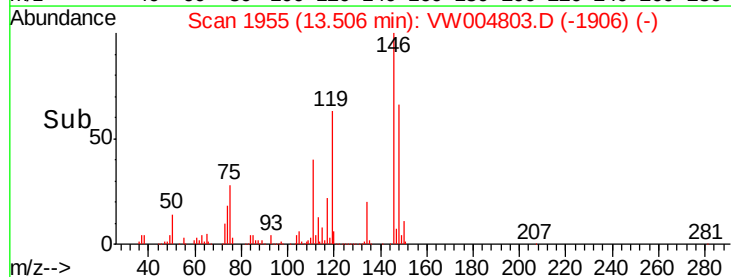
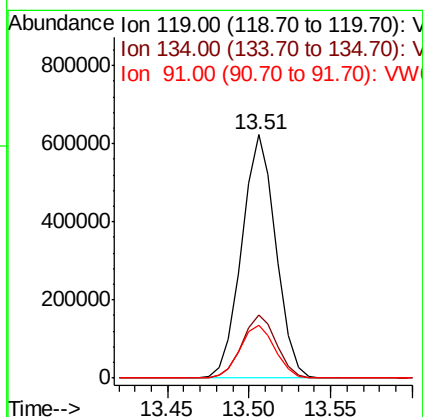
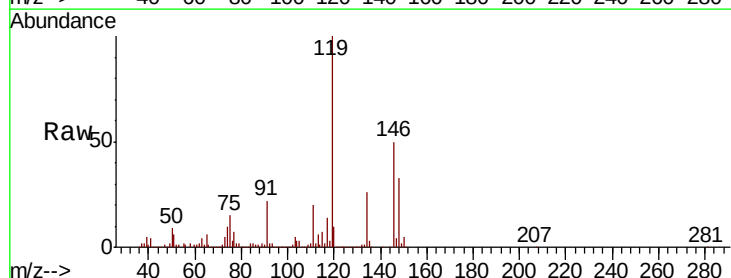
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MS

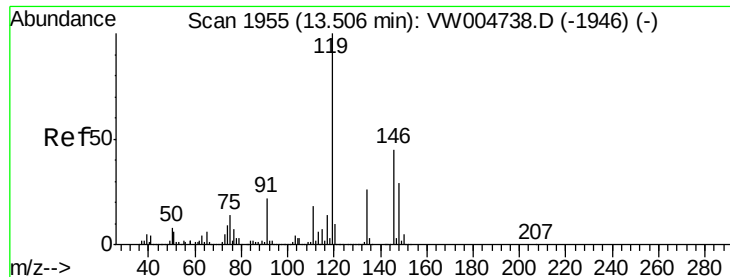
Tgt Ion:105 Resp: 1031512
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 46.121 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

Tgt Ion:119 Resp: 905435
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 22.4 11.2 33.5

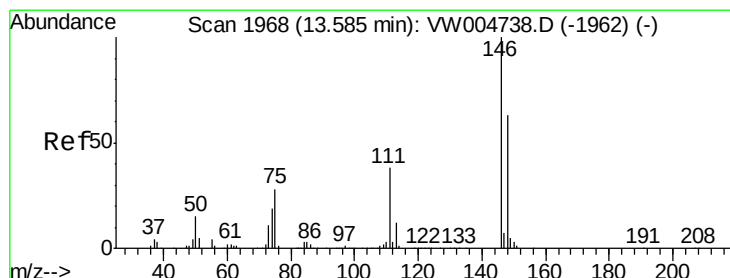
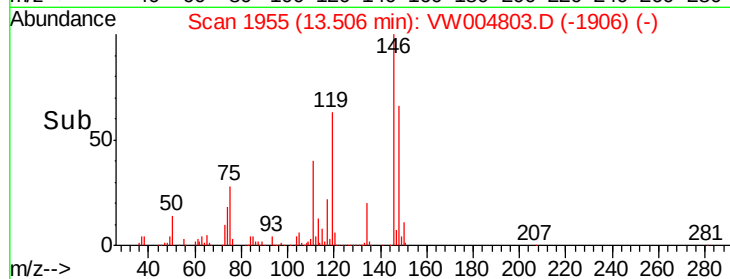
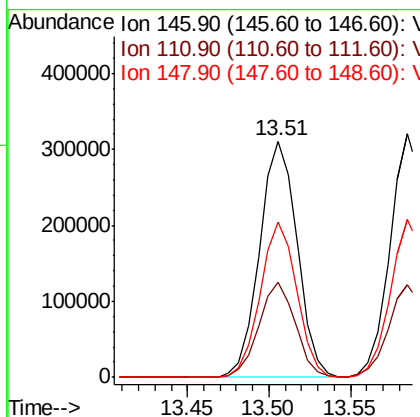
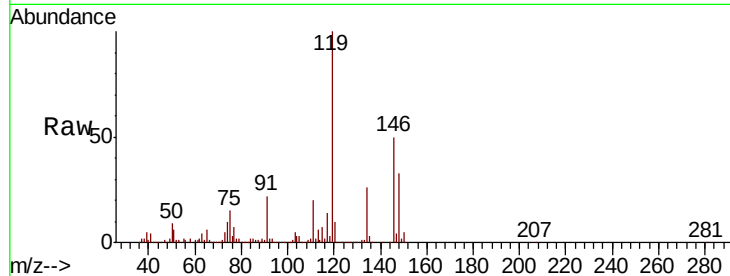




#87
 1,3-Dichlorobenzene
 Concen: 48.591 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

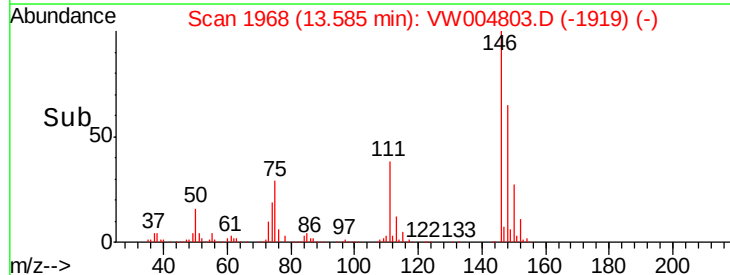
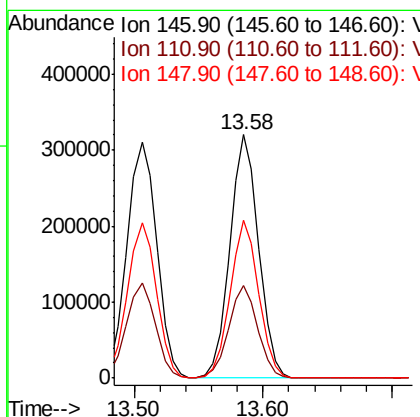
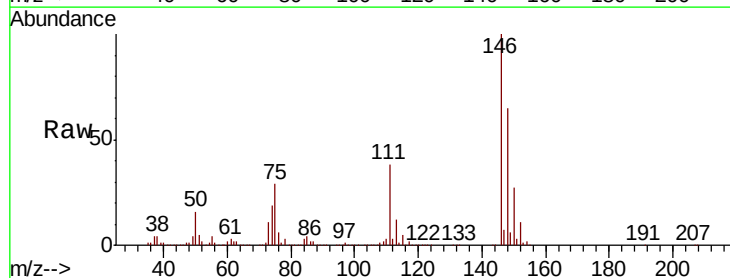
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MS

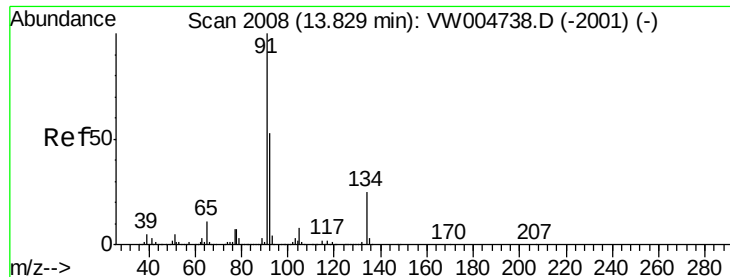
Tgt Ion:146 Resp: 497536
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.8 59.4
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 48.580 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

Tgt Ion:146 Resp: 497219
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.8
 148 64.3 31.8 95.3





#89

n-Butylbenzene

Concen: 35.299 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Instrument :

MSVOA_W

ClientSampleId :

LSB-07(0-1)MS

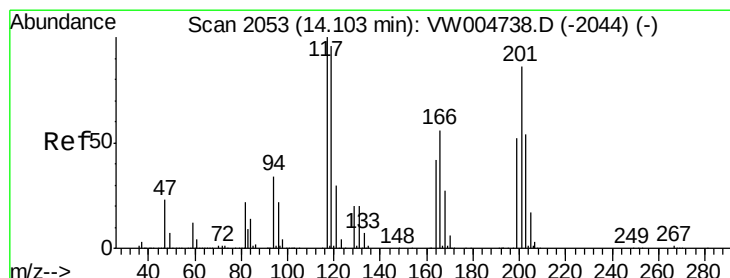
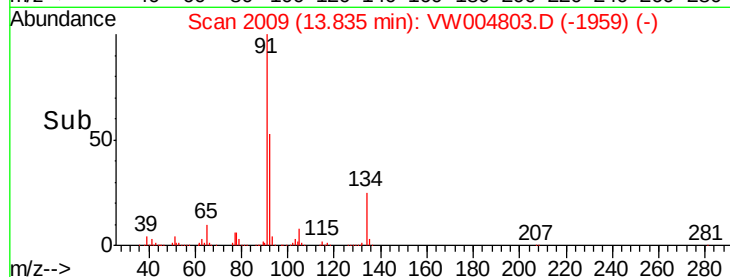
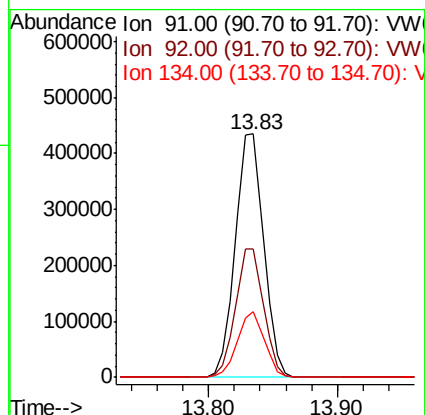
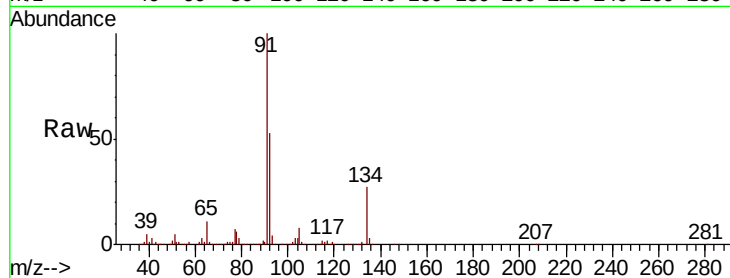
Tgt Ion: 91 Resp: 670000

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.2

134 25.5 12.8 38.3



#90

Hexachloroethane

Concen: 46.614 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW004803.D

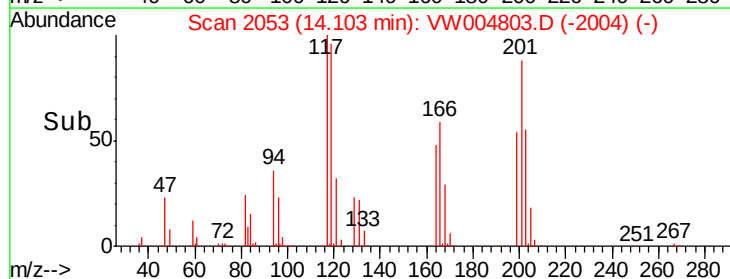
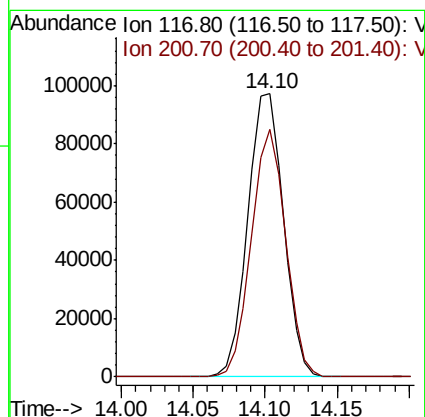
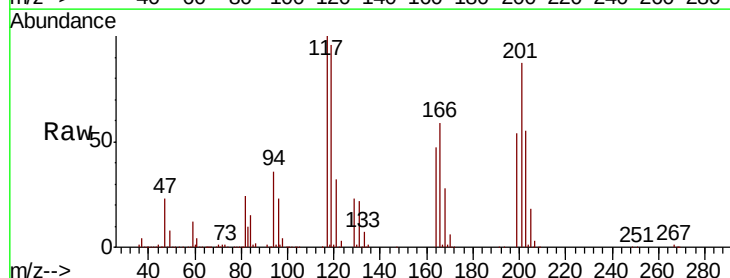
Acq: 20 Aug 2018 20:28

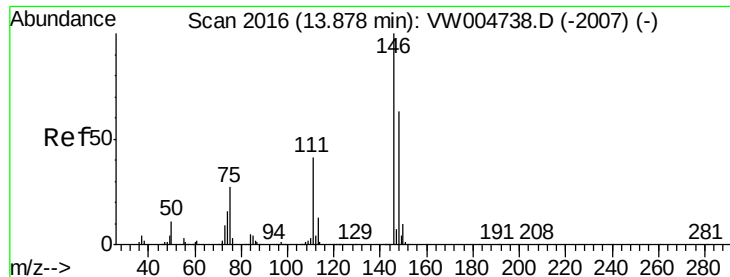
Tgt Ion: 117 Resp: 166803

Ion Ratio Lower Upper

117 100

201 83.9 42.4 127.2

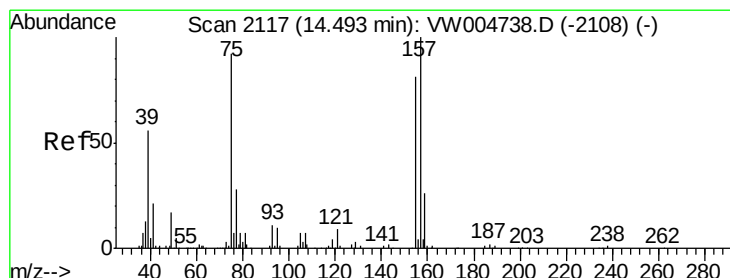
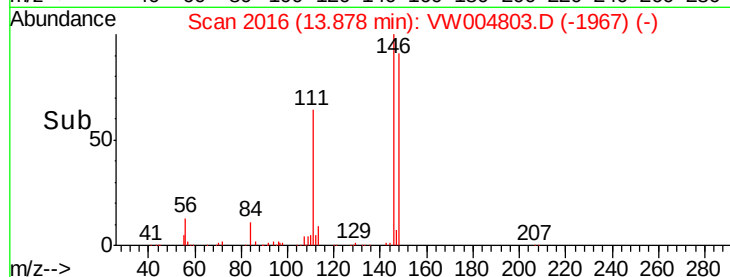
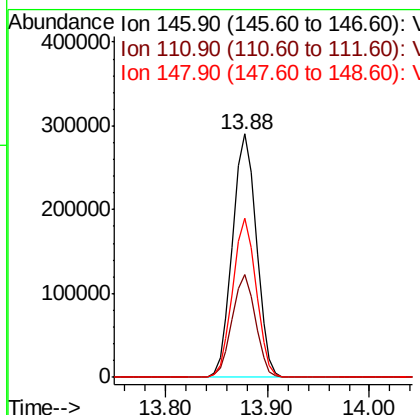
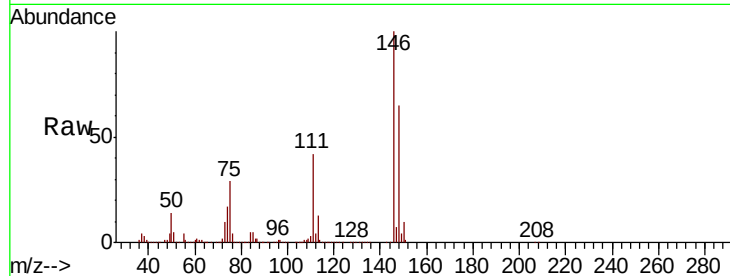




#91
 1,2-Dichlorobenzene
 Concen: 50.985 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

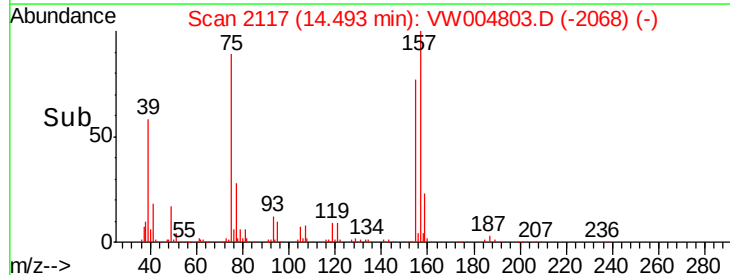
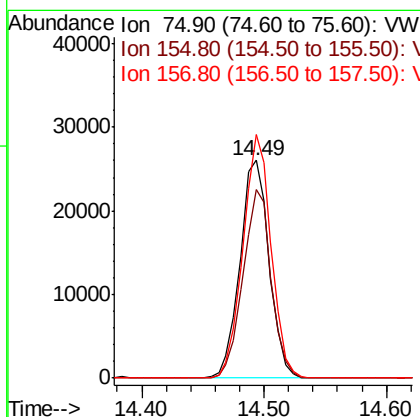
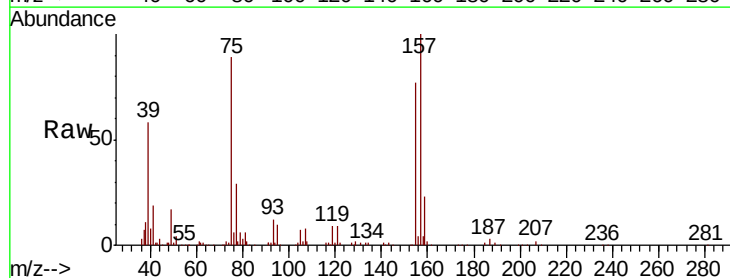
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MS

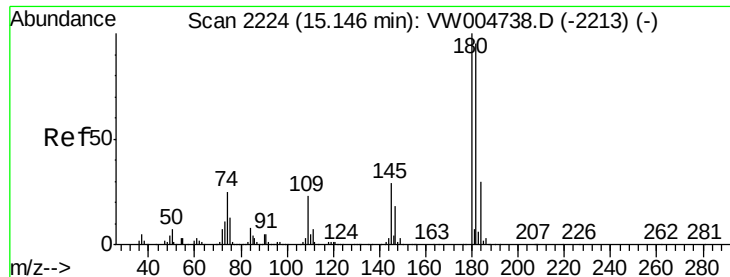
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.3
148	64.3	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 71.219 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.9	43.3	129.9
157	108.0	54.5	163.6

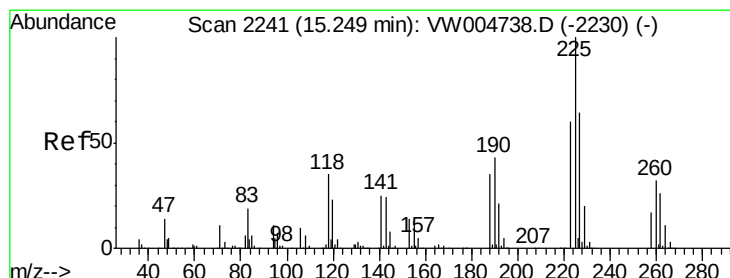
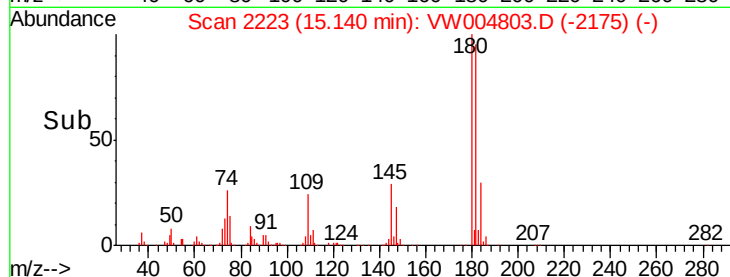
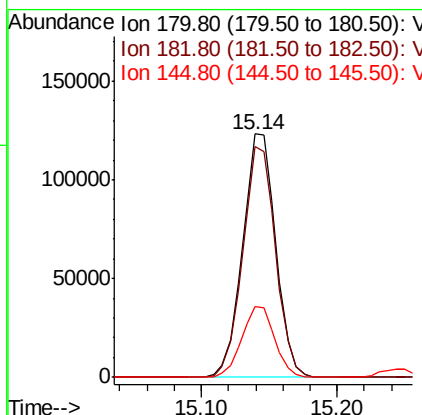
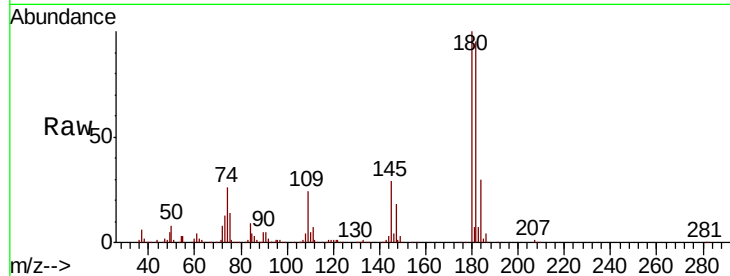




#93
 1,2,4-Trichlorobenzene
 Concen: 32.167 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

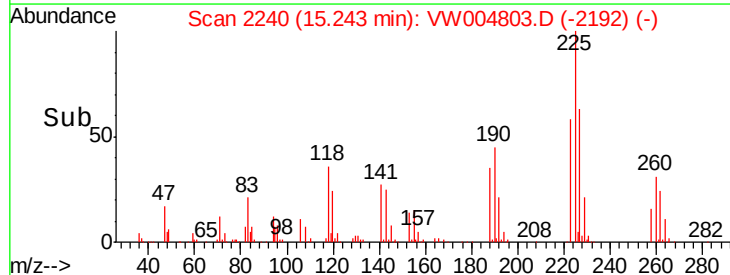
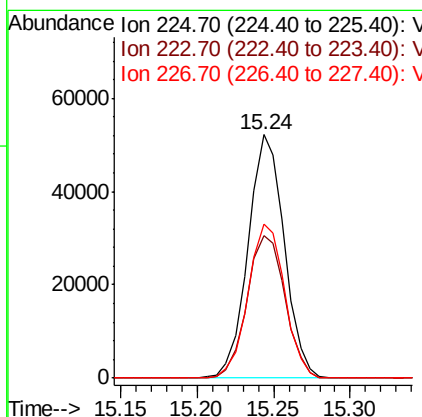
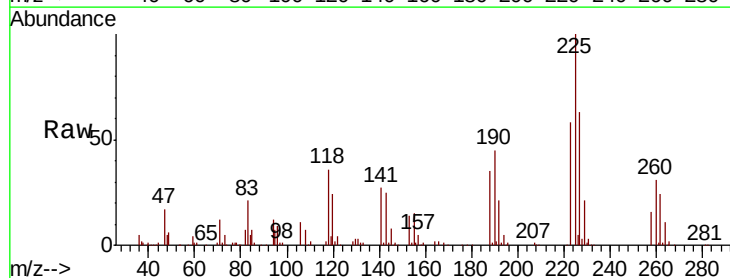
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-07(0-1)MS

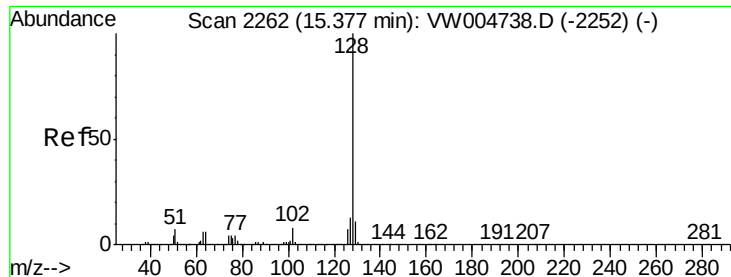
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.3	141.8
145	29.0	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 21.445 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	30.9	92.5
227	64.3	32.0	96.0

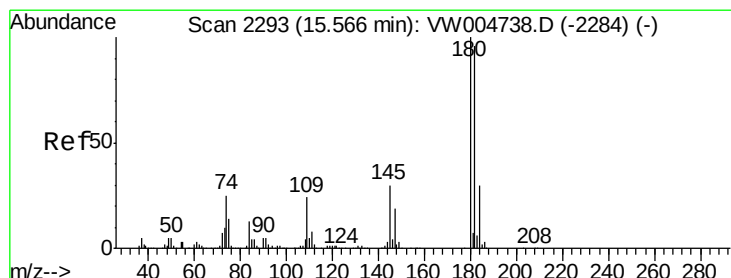
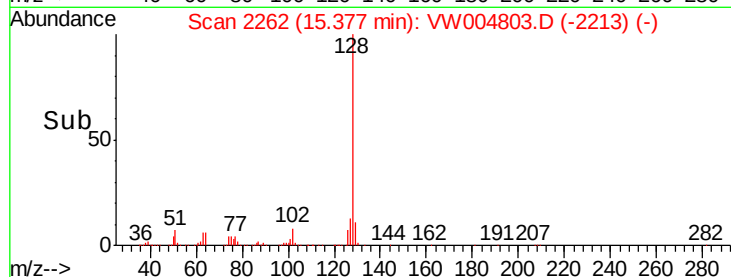
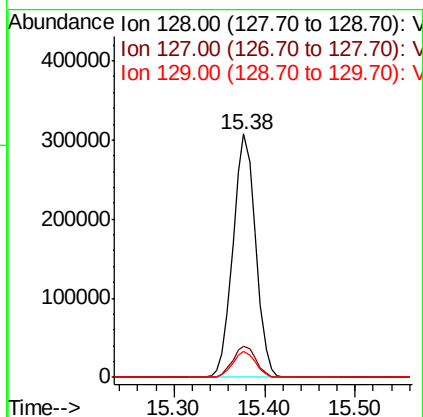
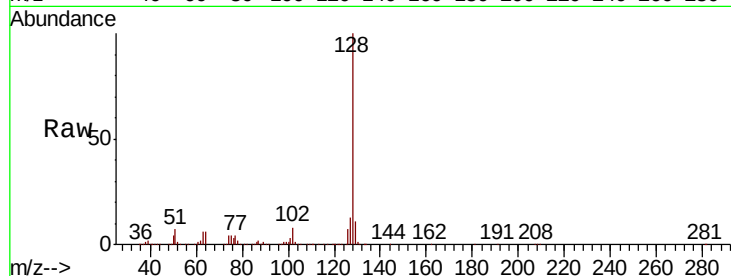




#95
Naphthalene
Concen: 42.846 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

Tgt Ion:128 Resp: 533200
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 32.623 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion:180 Resp: 188175
Ion Ratio Lower Upper
180 100
182 94.9 47.3 142.0
145 31.3 15.4 46.1

