

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

Manual Integrations
 APPROVED

apatel
 8/21/2018 11:32:28 AM

Quant Time: Aug 21 01:50:12 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	50.48	ug/l	95
3) Chloromethane	2.22	50	218468	44.18	ug/l	100
4) Vinyl Chloride	2.37	62	392473	53.92	ug/l	98
5) Bromomethane	2.78	94	220679	49.09	ug/l	100
6) Chloroethane	2.93	64	239059	54.43	ug/l	100
7) Trichlorofluoromethane	3.26	101	197687	57.65	ug/l	100
8) Diethyl Ether	3.68	74	175447	56.59	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	301301	51.03	ug/l	100
10) Methyl Iodide	4.27	142	419711	46.80	ug/l	99
11) Tert butyl alcohol	5.21	59	91589	296.97	ug/l	100
12) 1,1-Dichloroethene	4.03	96	297152	50.50	ug/l	99
13) Acrolein	3.90	56	31980	77.27	ug/l	97
14) Allyl chloride	4.67	41	464538	52.02	ug/l	100
15) Acrylonitrile	5.37	53	338100	260.03	ug/l	100
16) Acetone	4.14	43	423469	300.50	ug/l	99
17) Carbon Disulfide	4.38	76	899412	46.51	ug/l	100
18) Methyl Acetate	4.68	43	478473	158.44	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	469391	61.45	ug/l	99
20) Methylene Chloride	4.92	84	388975	61.44	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	309448	49.43	ug/l	98
22) Diisopropyl ether	6.31	45	966344	56.30	ug/l	97
23) Vinyl Acetate	6.26	43	305331	31.45	ug/l	99
24) 1,1-Dichloroethane	6.21	63	590677	52.96	ug/l	99
25) 2-Butanone	7.18	43	582985	290.35	ug/l	100
26) 2,2-Dichloropropane	7.17	77	329044	51.08	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	342195	50.77	ug/l	99
28) Bromochloromethane	7.52	49	252200	53.70	ug/l	98
29) Tetrahydrofuran	7.54	42	313734	306.43	ug/l	99
30) Chloroform	7.68	83	576617	52.57	ug/l	99
31) Cyclohexane	7.96	56	471326	43.69	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	453720	52.18	ug/l	99
36) 1,1-Dichloropropene	8.09	75	418731	48.24	ug/l	99
37) Ethyl Acetate	7.26	43	107005	30.92	ug/l	99
38) Carbon Tetrachloride	8.07	117	407076	50.94	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	395218	36.41	ug/l	98
40) Benzene	8.33	78	1289310	51.11	ug/l	99
41) Methacrylonitrile	7.49	41	96109	48.94	ug/l	94
42) 1,2-Dichloroethane	8.40	62	352186	54.44	ug/l	99
43) Isopropyl Acetate	8.43	43	236637	38.07	ug/l	94
44) Trichloroethene	9.10	130	307253	47.98	ug/l	99
45) 1,2-Dichloropropane	9.37	63	330981	53.64	ug/l	98
46) Dibromomethane	9.46	93	164696	53.87	ug/l	99
47) Bromodichloromethane	9.65	83	384035	52.60	ug/l	99
48) Methyl methacrylate	9.44	41	209913	71.97	ug/l	96
49) 1,4-Dioxane	9.48	88	53885	1206.42	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	1271039	302.57	ug/l	100
52) Toluene	10.39	92	751274	49.65	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	367810	50.00	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	442392	50.45	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	238090	54.79	ug/l	100
56) Ethyl methacrylate	10.65	69	179901	32.78	ug/l	99
57) 1,3-Dichloropropane	10.94	76	407980	54.39	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	697736	290.73	ug/l	99
59) 2-Hexanone	10.98	43	833805	292.94	ug/l	100
60) Dibromochloromethane	11.13	129	256842	52.68	ug/l	99
61) 1,2-Dibromoethane	11.24	107	218741	52.66	ug/l	99
64) Tetrachloroethene	10.87	164	254691	51.92	ug/l	97
65) Chlorobenzene	11.66	112	762492	49.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	289823	55.56	ug/l	99
67) Ethyl Benzene	11.74	91	1321474	50.46	ug/l	99
68) m/p-Xylenes	11.84	106	1035604	101.63	ug/l	100
69) o-Xylene	12.17	106	493771	52.35	ug/l	99
70) Styrene	12.19	104	786607	49.64	ug/l	99
71) Bromoform	12.35	173	152102	55.24	ug/l #	98
73) Isopropylbenzene	12.47	105	1223932	58.85	ug/l	100
74) N-amyl acetate	12.28	43	92652	21.51	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	283677	73.63	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	183602m	68.13	ug/l	
77) Bromobenzene	12.75	156	295295	58.66	ug/l	96
78) n-propylbenzene	12.81	91	1350765	53.23	ug/l	99
79) 2-Chlorotoluene	12.90	91	816746	55.83	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	995098	56.32	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	77289	66.66	ug/l	98
82) 4-Chlorotoluene	12.99	91	819470	52.73	ug/l	99
83) tert-Butylbenzene	13.21	119	818498	54.16	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1023091	56.28	ug/l	100
85) sec-Butylbenzene	13.39	105	1031512	45.72	ug/l	100
86) p-Isopropyltoluene	13.51	119	905435	46.12	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	497536	48.59	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	497219	48.58	ug/l	99
89) n-Butylbenzene	13.83	91	670000	35.30	ug/l	99
90) Hexachloroethane	14.10	117	166803	46.61	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	468892	50.98	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	42881	71.22	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	32.17	ug/l	100
94) Hexachlorobutadiene	15.24	225	85622	21.45	ug/l	100
95) Naphthalene	15.38	128	533200	42.85	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	188175	32.62	ug/l	100

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

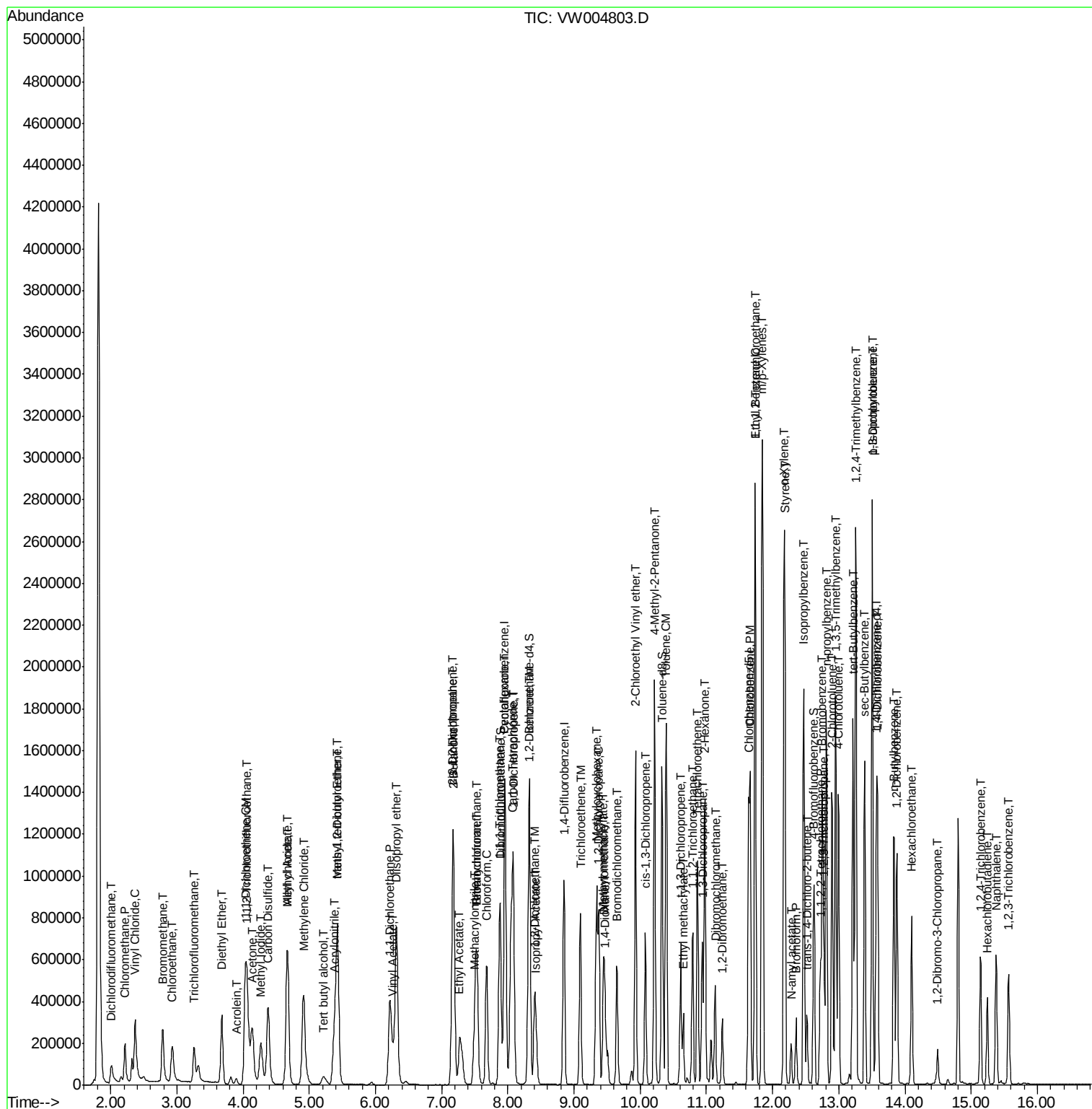
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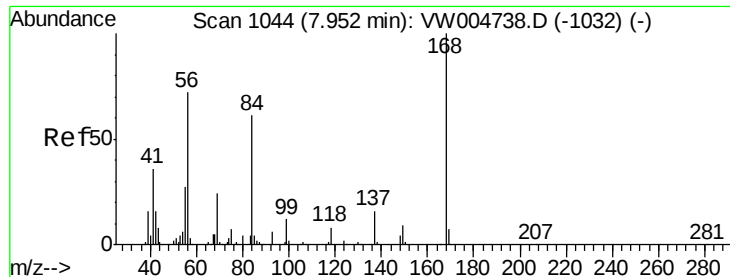
Instrument :
MSVOA_W
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.00 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

Tot Ion:168 Resp: 570987

Ion Ratio Lower Upper

168 100

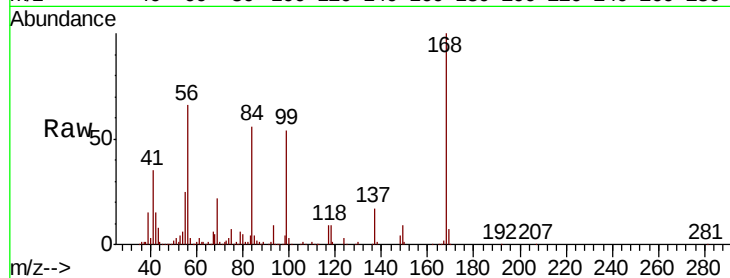
99 54.1 41.0 61.4

Manual Integrations

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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

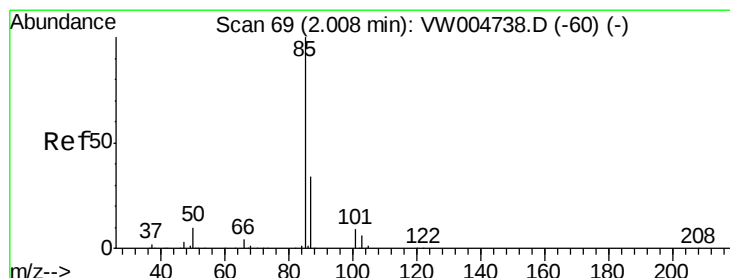
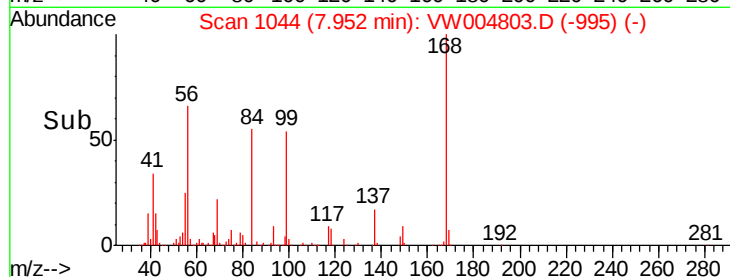
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 50.48 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004803.D

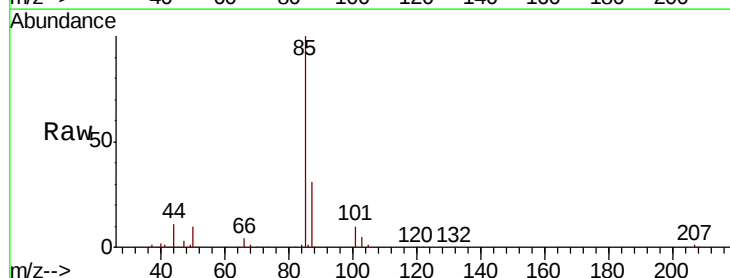
Acq: 20 Aug 2018 20:28

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

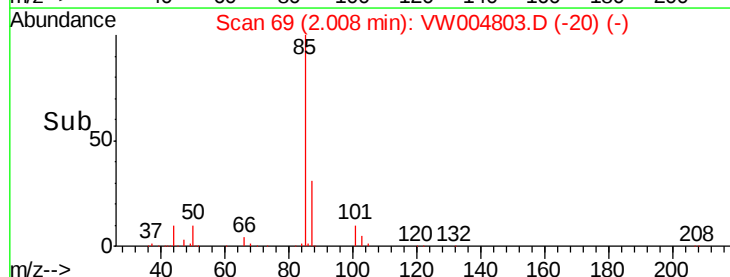
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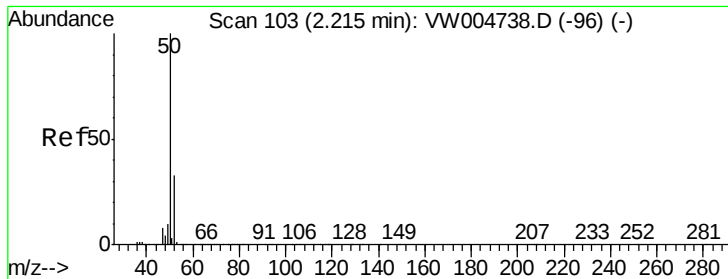
1.80

2.00

2.20

Time-->





#3

Chloromethane

Concen: 44.18 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

Tot Ion: 50 Resp: 218468

Ion Ratio Lower Upper

50 100

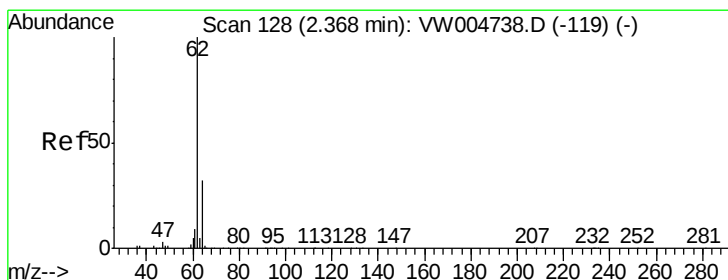
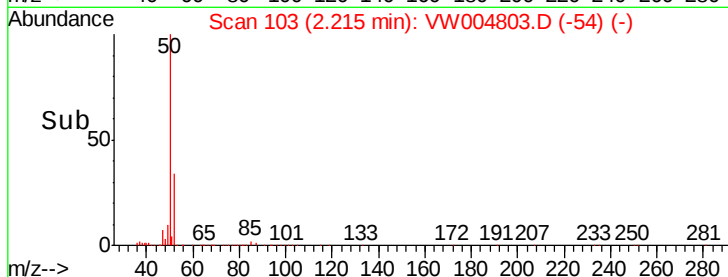
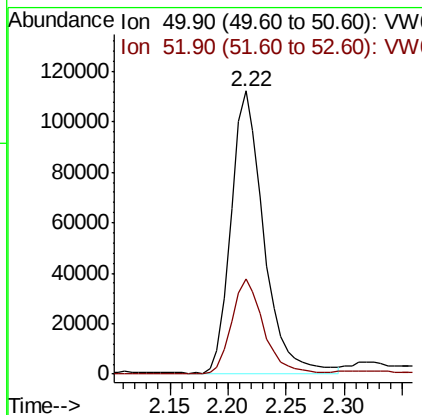
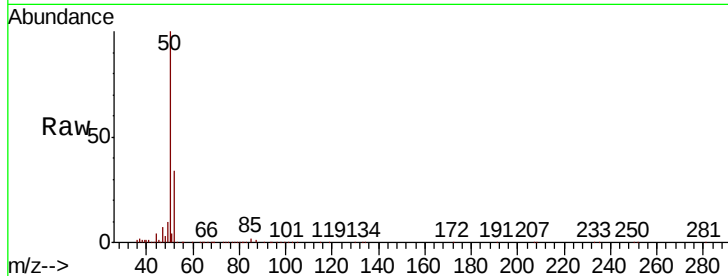
52 33.5 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.92 ug/l

RT: 2.37 min Scan# 128

Delta R.T. -0.00 min

Lab File: VW004803.D

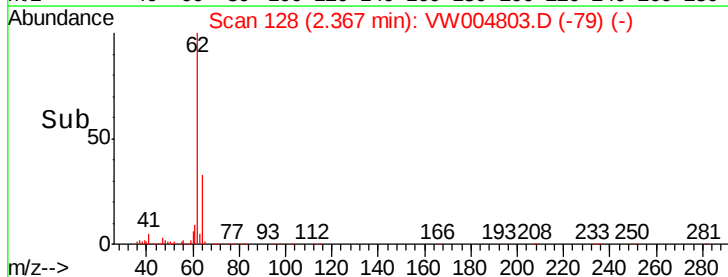
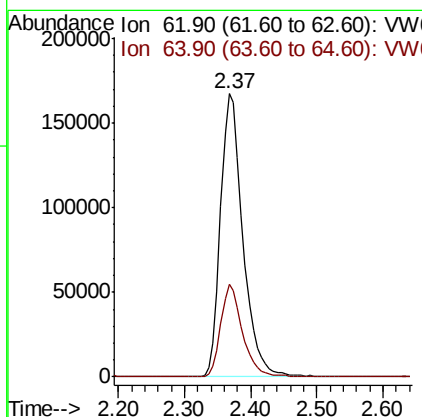
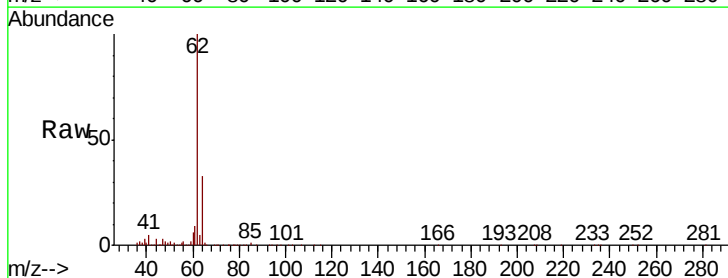
Acq: 20 Aug 2018 20:28

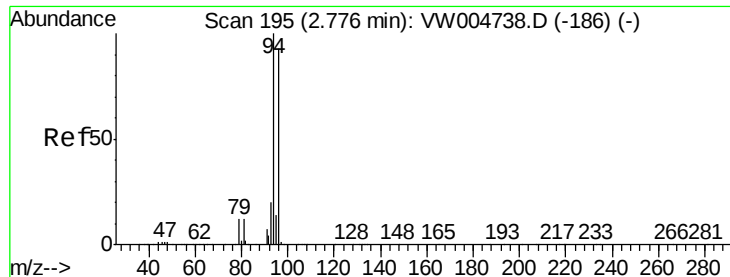
Tgt Ion: 62 Resp: 392473

Ion Ratio Lower Upper

62 100

64 32.6 25.2 37.8





#5

Bromomethane

Concen: 49.09 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

ClientSampled :

LSB-07(0-1)MS

Tot Ion: 94 Resp: 220679

Ion Ratio Lower Upper

94 100

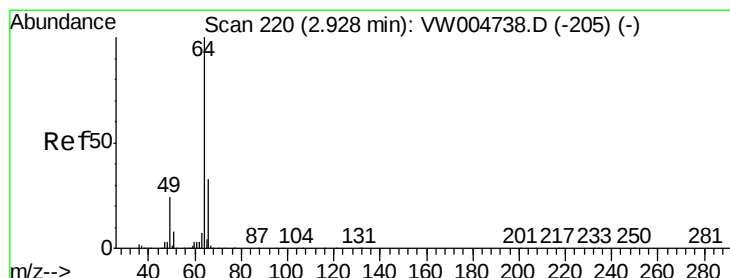
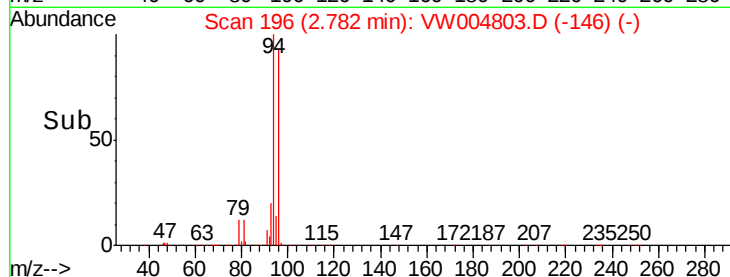
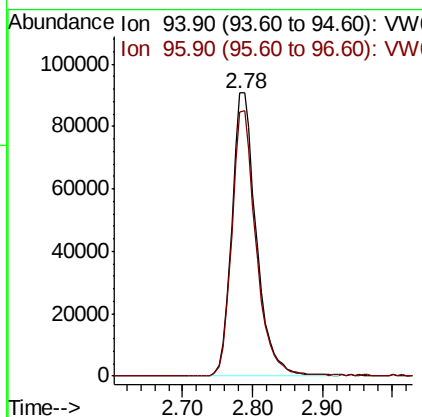
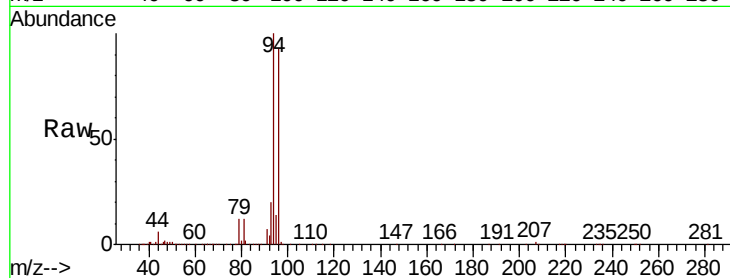
96 92.9 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 54.43 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004803.D

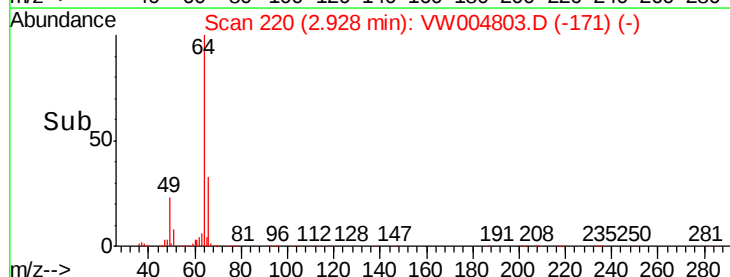
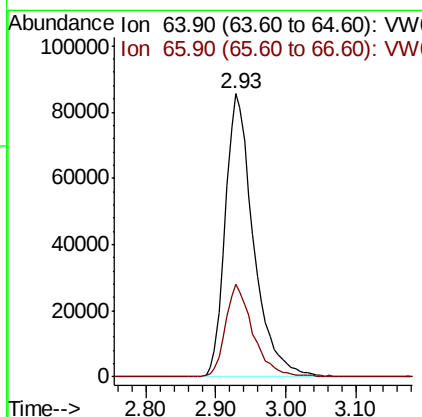
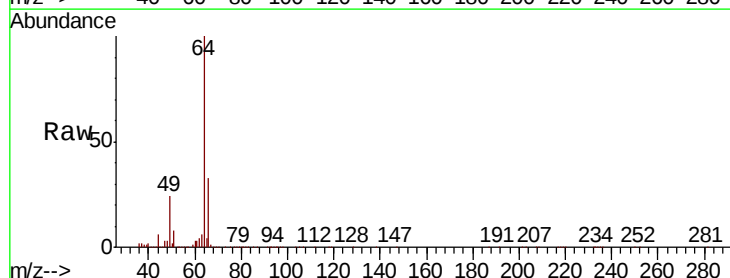
Acq: 20 Aug 2018 20:28

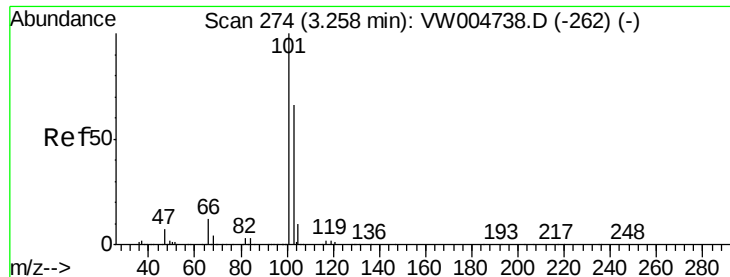
Tgt Ion: 64 Resp: 239059

Ion Ratio Lower Upper

64 100

66 32.8 26.1 39.1





#7

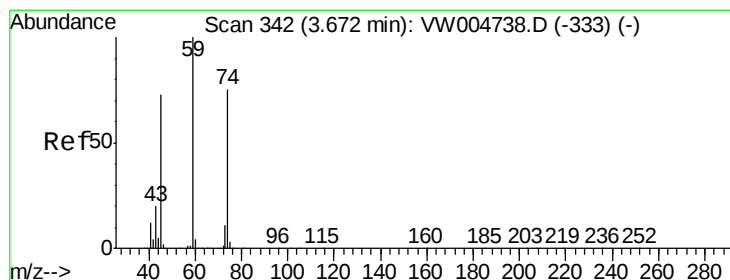
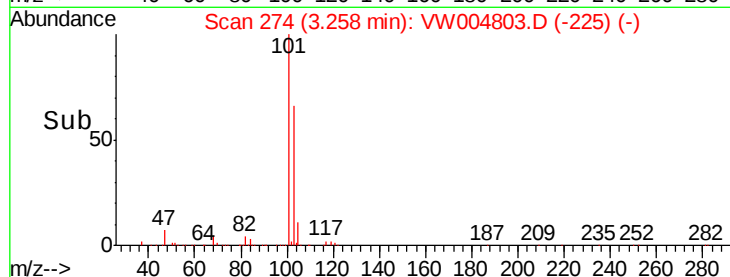
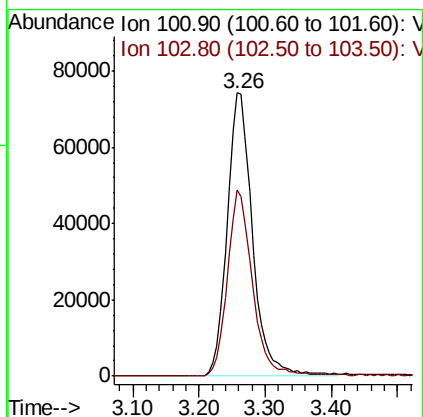
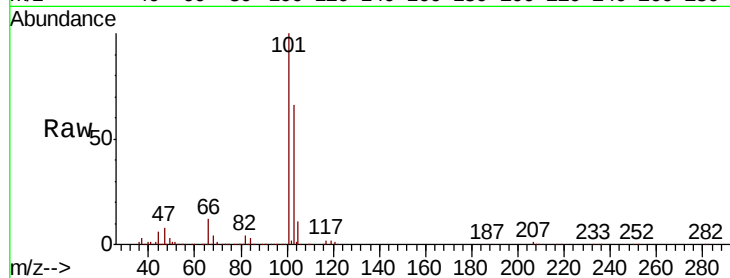
Trichlorofluoromethane
 Concen: 57.65 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.5	78.7

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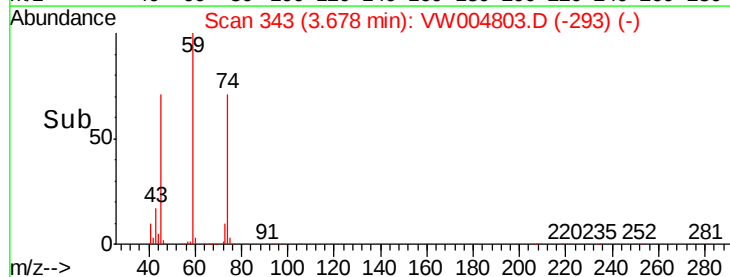
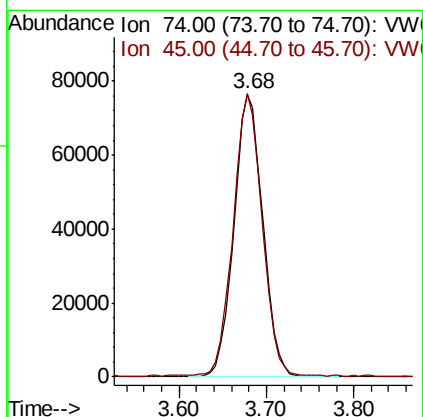
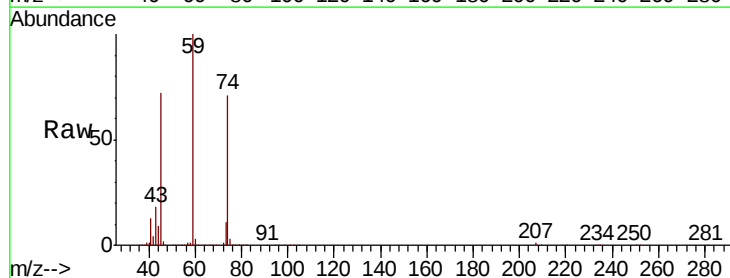
apatel
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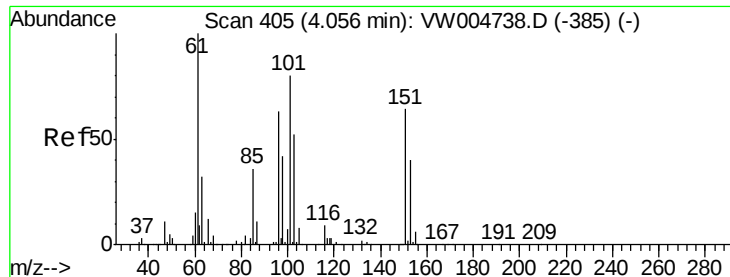


#8

Diethyl Ether
 Concen: 56.59 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	Ratio	Lower	Upper
74	100		
45	100.0	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.03 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

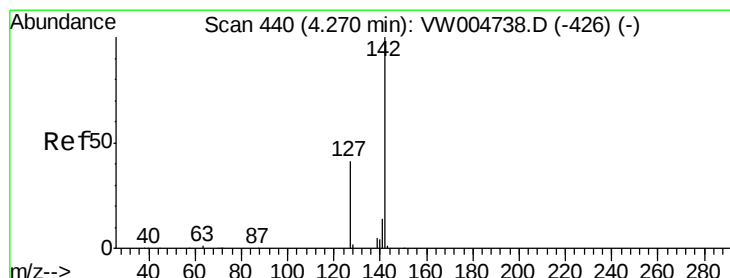
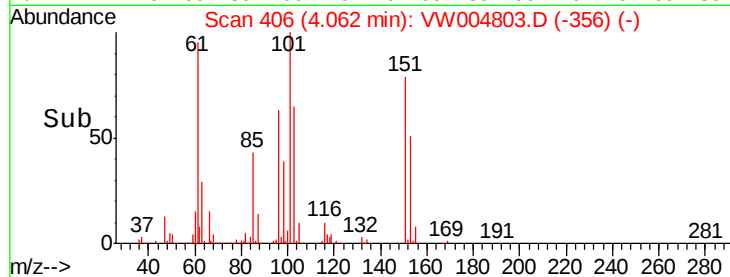
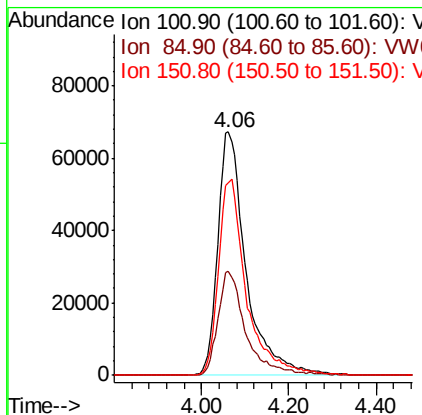
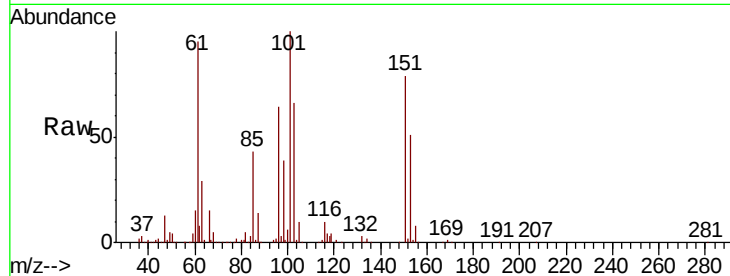
ClientSampleId :

LSB-07(0-1)MS

Tot Ion:	101	Resp:	301301
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.9	50.9
151	79.5	63.4	95.2

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#10

Methyl Iodide

Concen: 46.80 ug/l

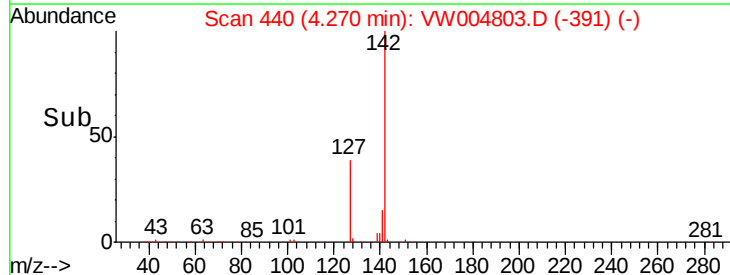
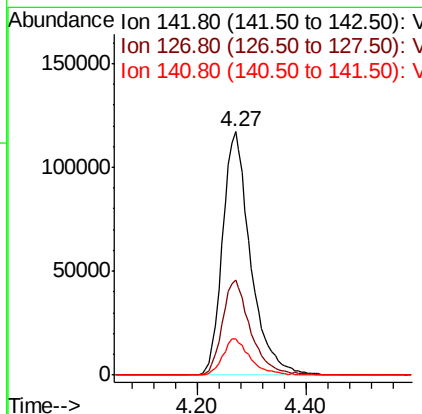
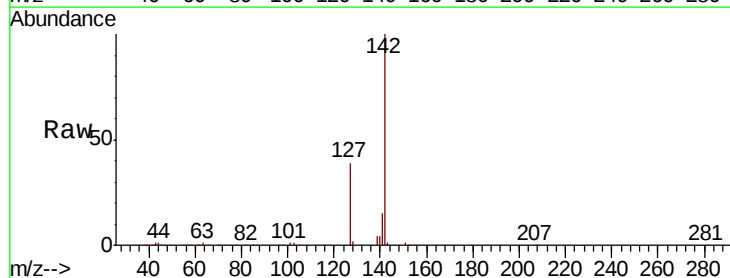
RT: 4.27 min Scan# 440

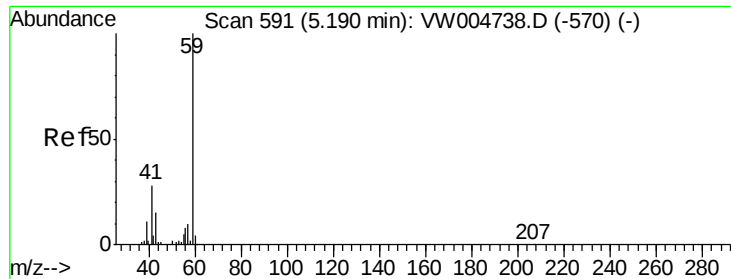
Delta R.T. -0.00 min

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





#11

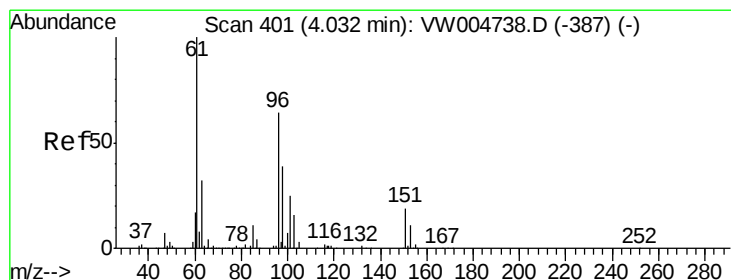
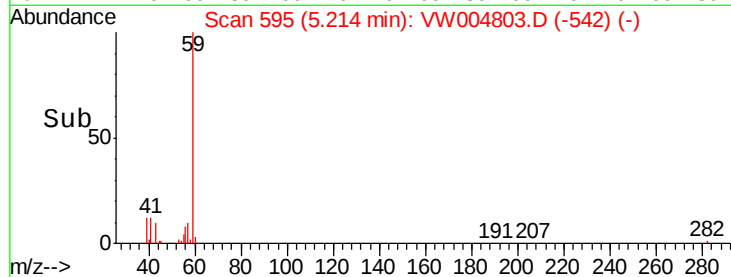
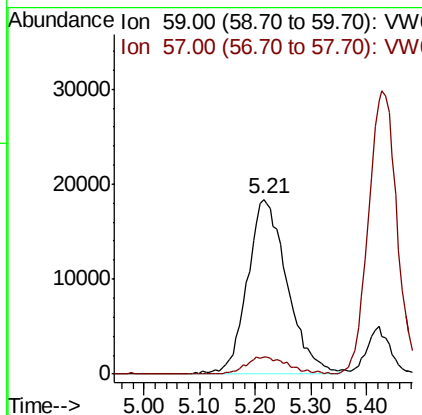
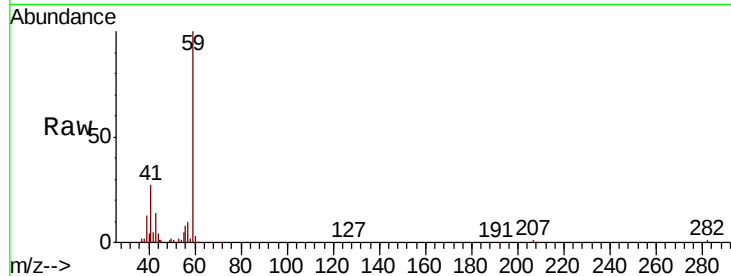
Tert butyl alcohol
Concen: 296.97 ug/l
RT: 5.21 min Scan# 595
Delta R.T. 0.02 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

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

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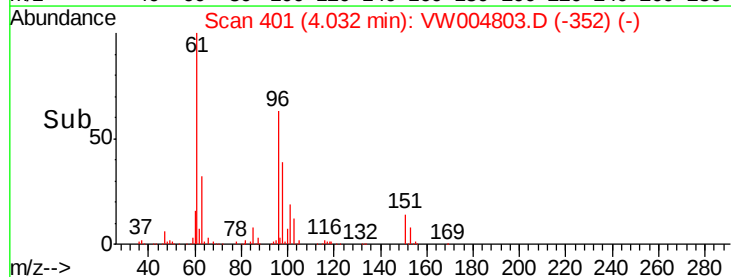
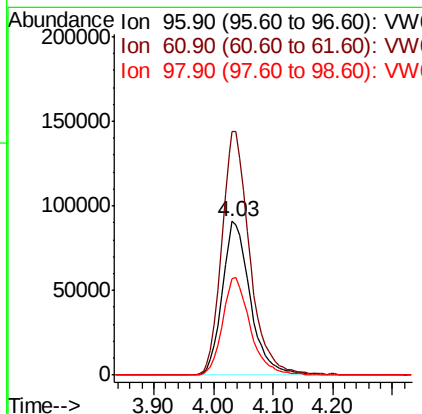
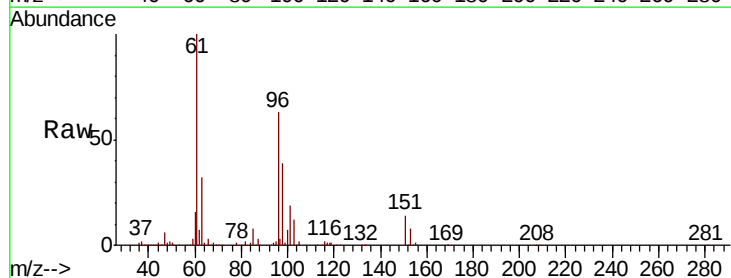
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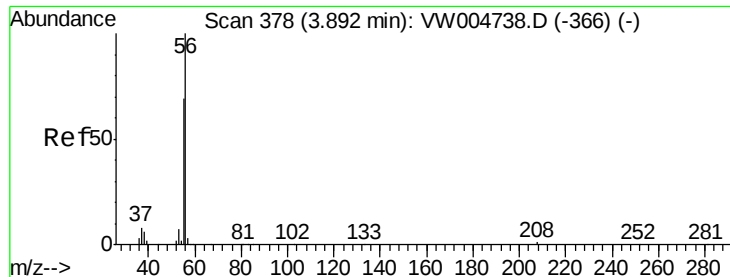


#12

1,1-Dichloroethene
Concen: 50.50 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	100	Lower	Upper
61	158.5	125.6	188.4
98	62.5	49.4	74.0





#13

Acrolein

Concen: 77.27 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

Tot Ion: 56 Resp: 31980

Ion Ratio Lower Upper

56 100

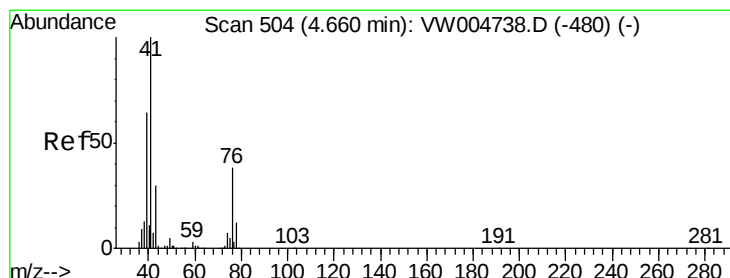
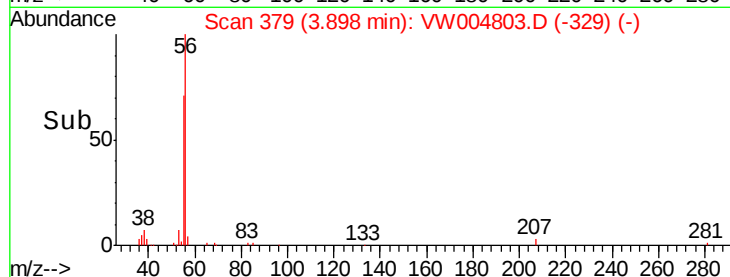
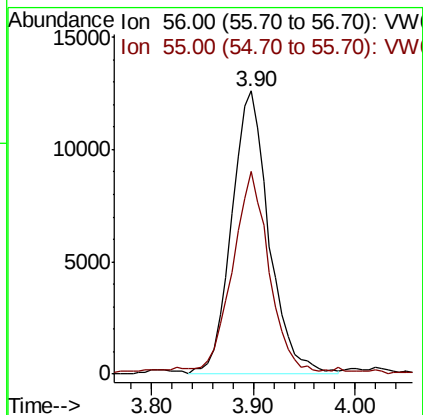
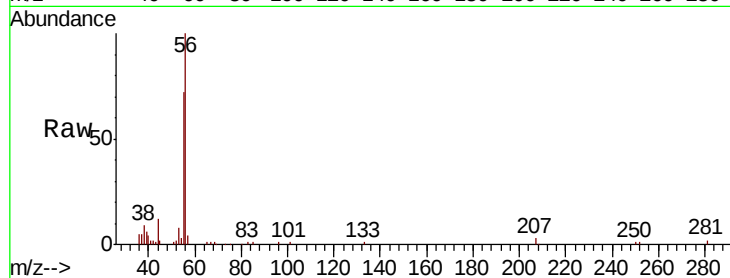
55 67.3 56.1 84.1

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#14

Allyl chloride

Concen: 52.02 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

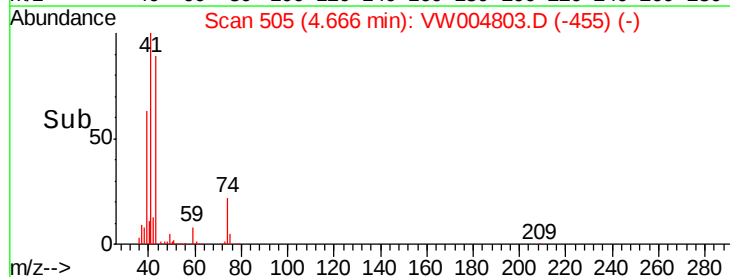
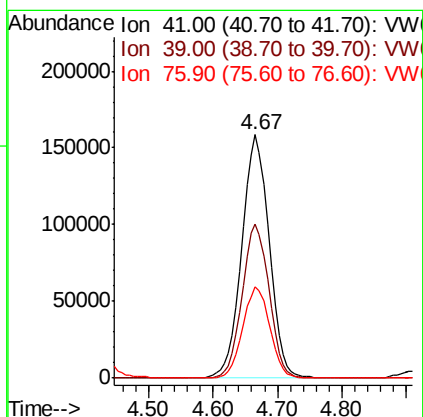
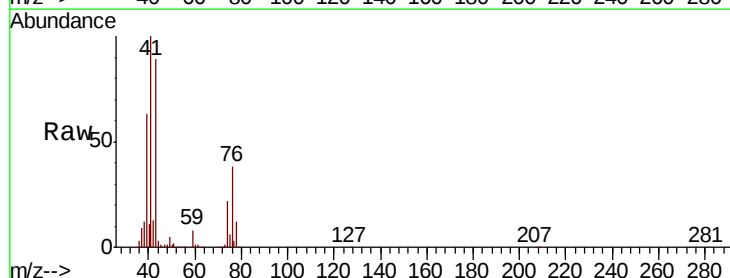
Tgt Ion: 41 Resp: 464538

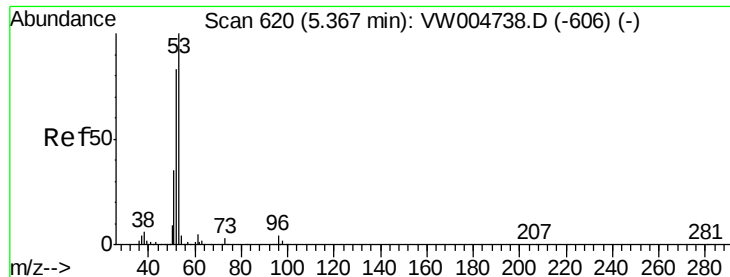
Ion Ratio Lower Upper

41 100

39 62.3 50.0 75.0

76 36.8 29.8 44.6





#15

Acrylonitrile

Concen: 260.03 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

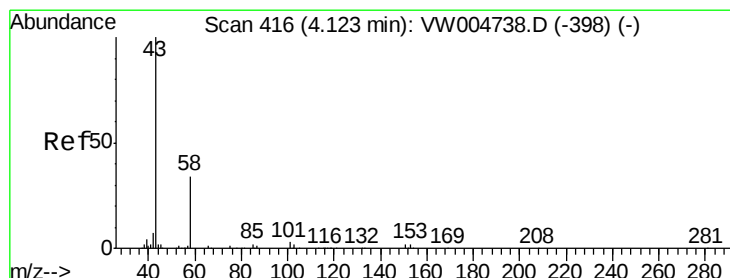
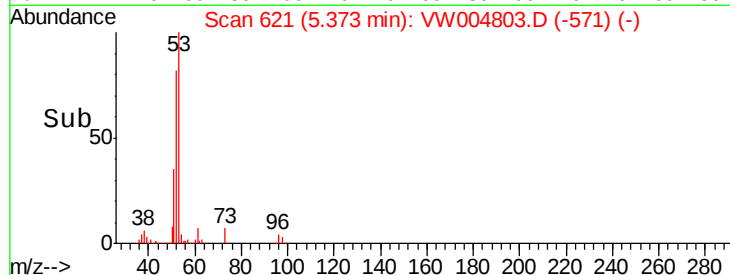
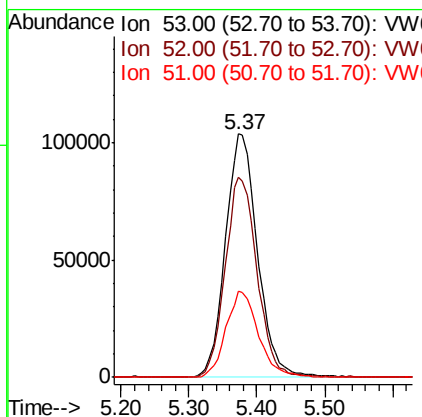
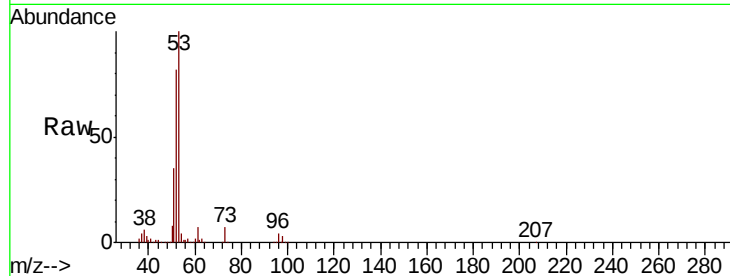
ClientSampled :

LSB-07(0-1)MS

Tot Ion:	53	Resp:	338100
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.8	98.6
51	36.0	28.7	43.1

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#16

Acetone

Concen: 300.50 ug/l

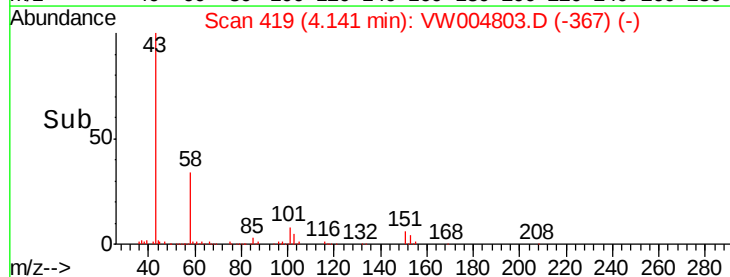
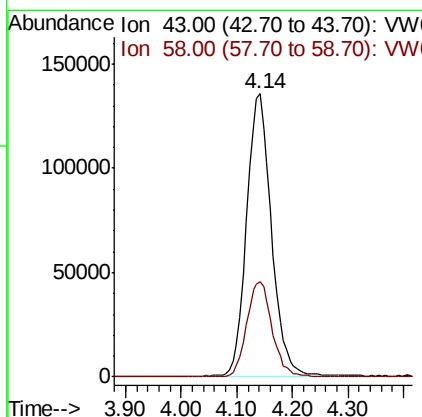
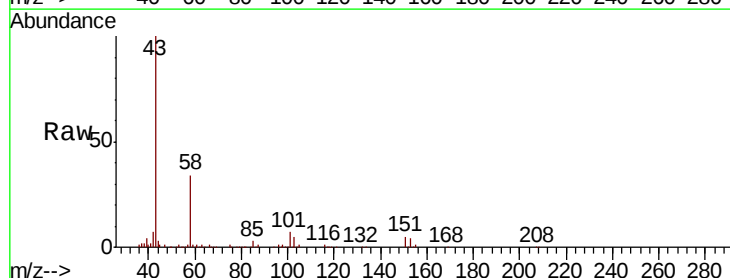
RT: 4.14 min Scan# 419

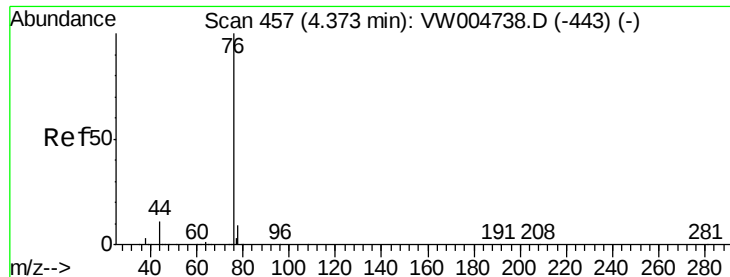
Delta R.T. 0.02 min

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





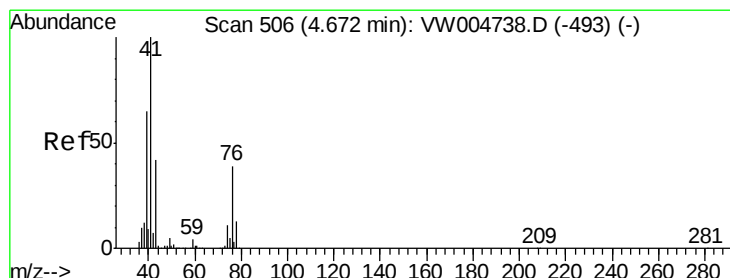
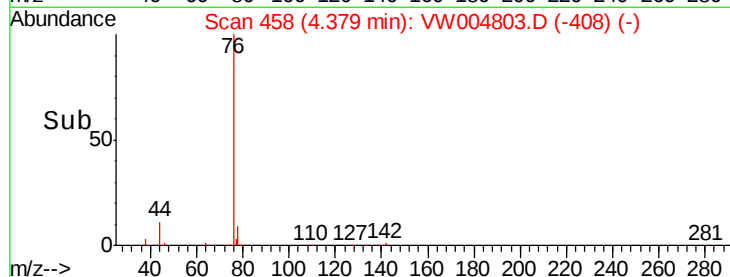
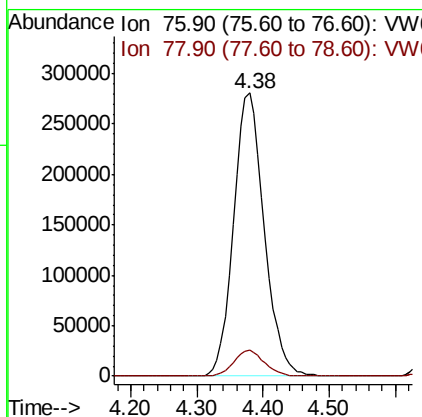
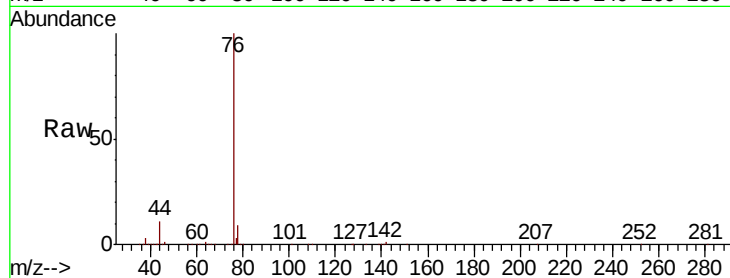
#17
Carbon Disulfide
Concen: 46.51 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

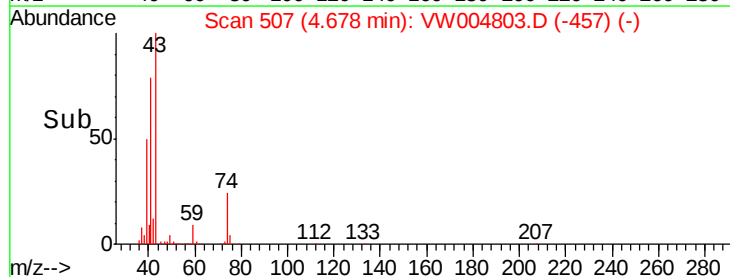
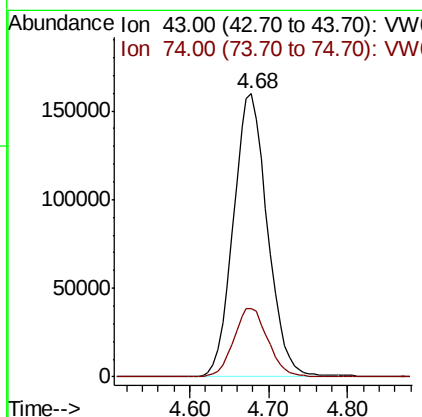
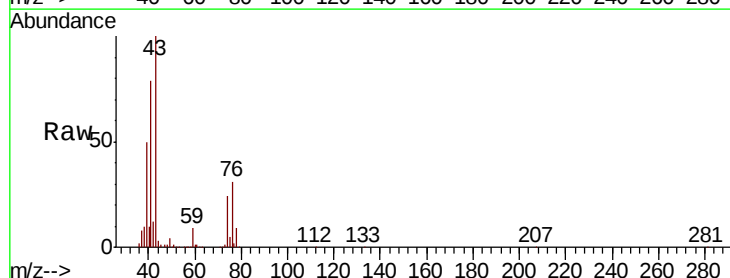
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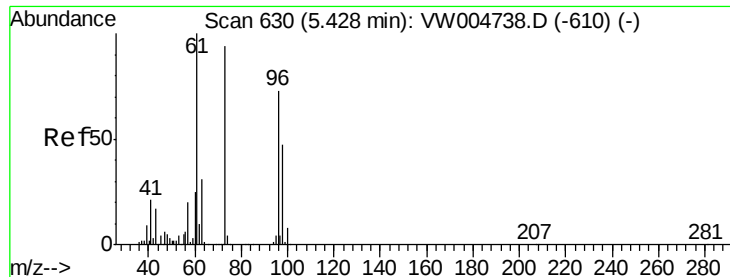
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#18
Methyl Acetate
Concen: 158.44 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.8	29.8





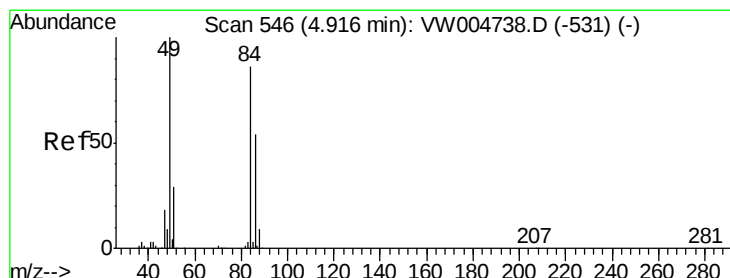
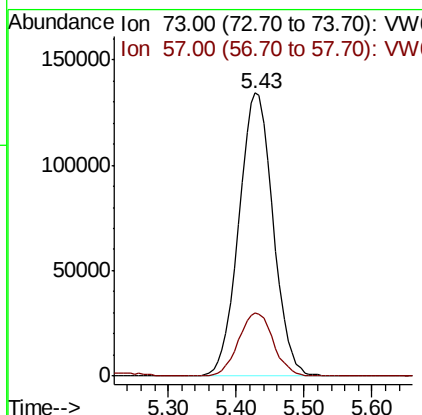
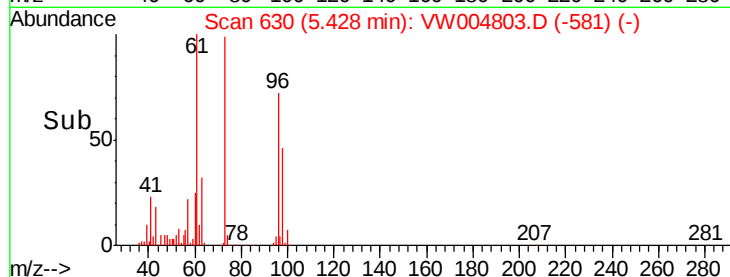
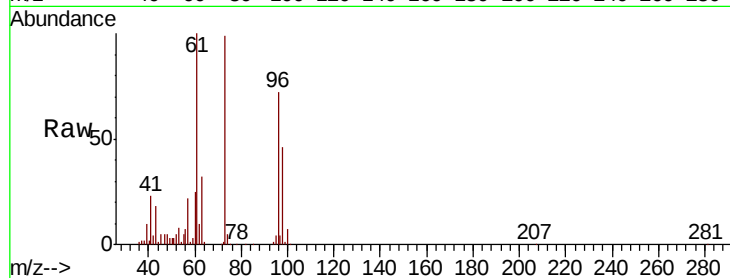
#19
Methvl tert-butvl Ether
Concen: 61.45 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.3	25.9

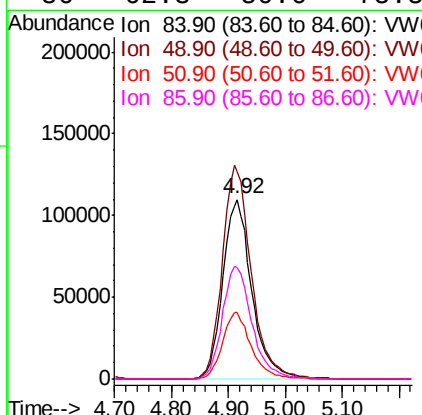
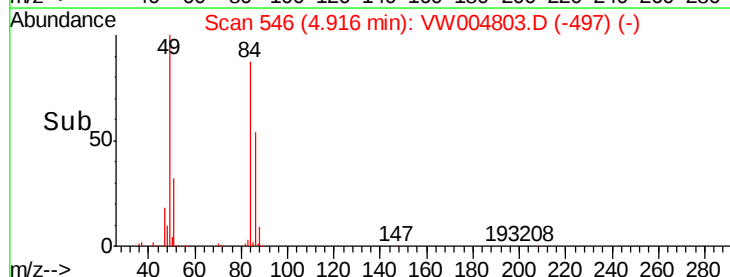
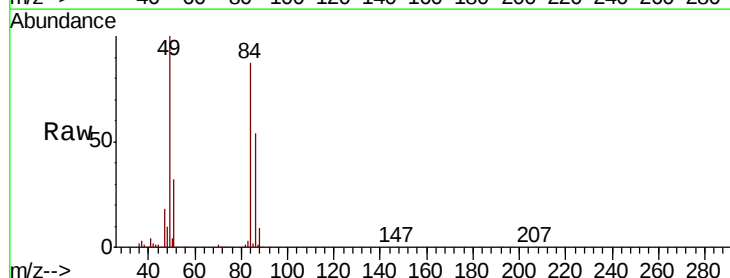
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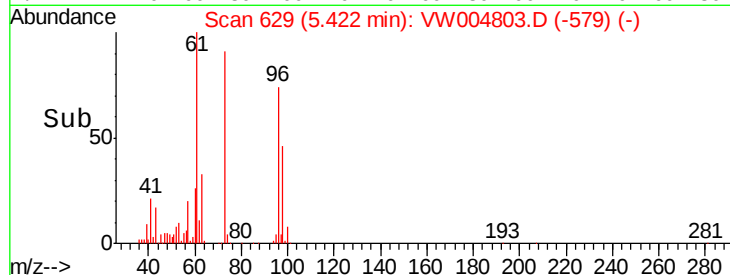
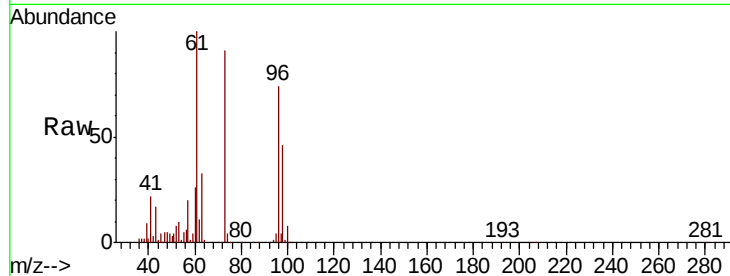
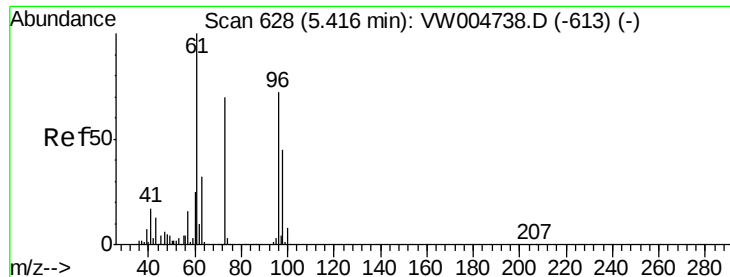
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#20
Methylene Chloride
Concen: 61.44 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion	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: 49.43 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004803.D

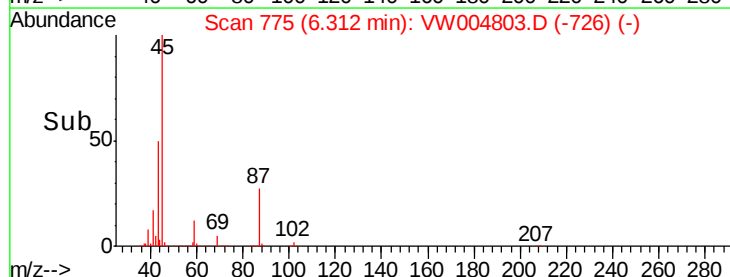
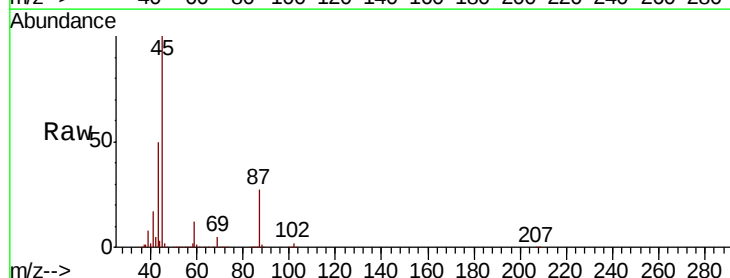
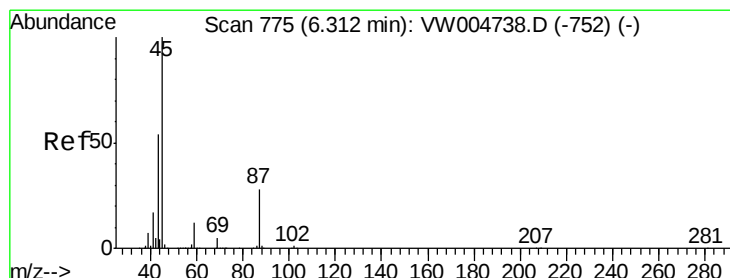
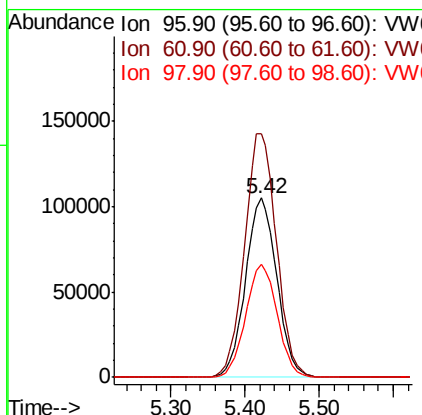
Acq: 20 Aug 2018 20:28

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.6	111.4	167.0
98	62.7	49.7	74.5

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

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#22

Diisopropyl ether

Concen: 56.30 ug/l

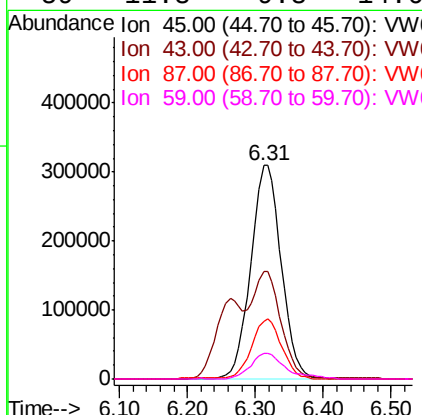
RT: 6.31 min Scan# 775

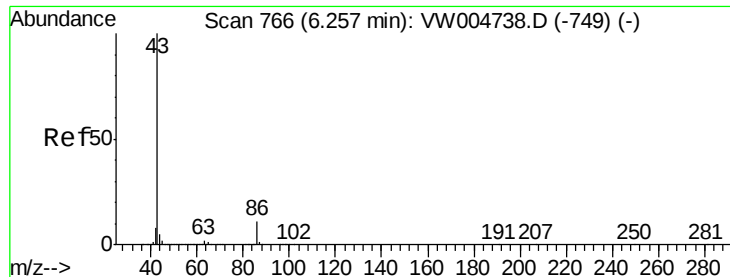
Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Tgt Ion	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





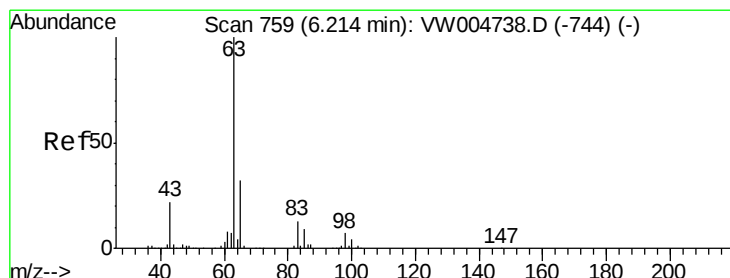
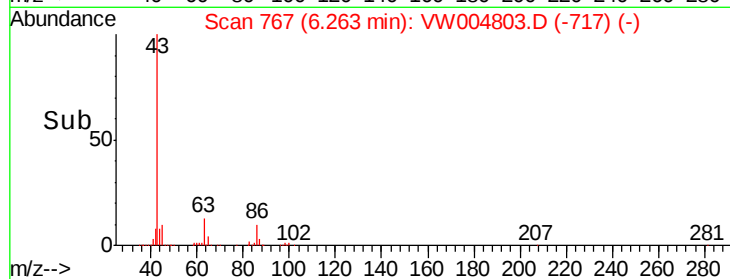
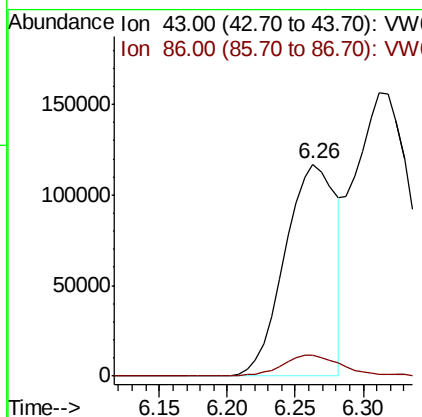
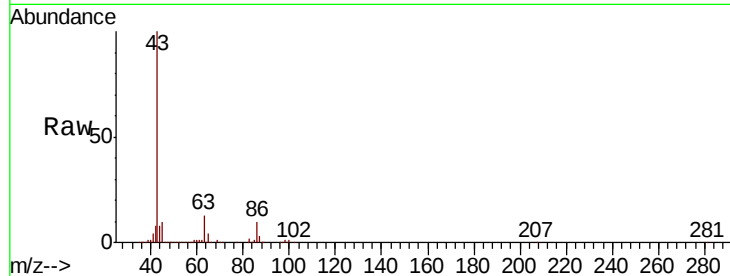
#23
 Vinyl Acetate
 Concen: 31.45 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

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

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.5	12.7

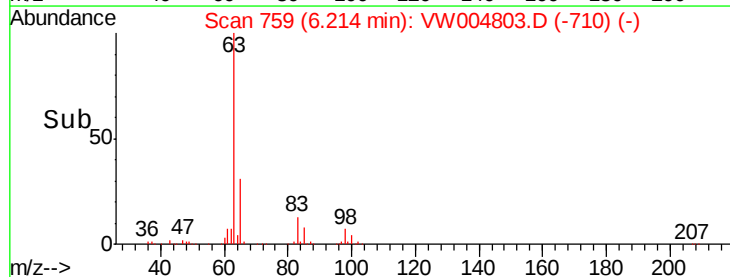
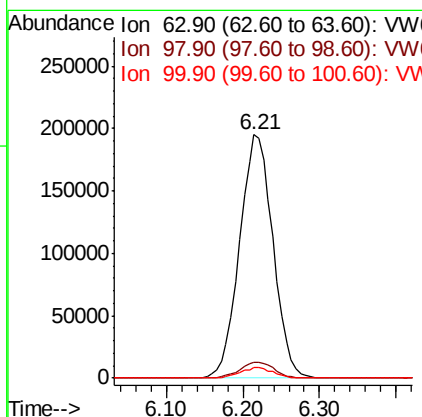
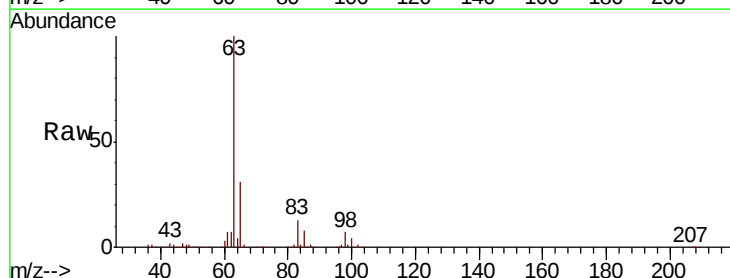
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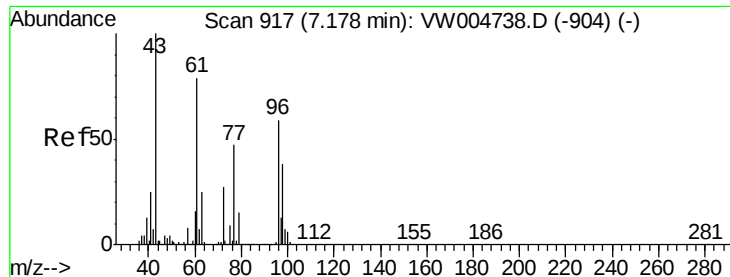
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#24
 1,1-Dichloroethane
 Concen: 52.96 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.5	10.4
100	4.2	2.1	6.3





#25

2-Butanone

Concen: 290.35 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

Tot Ion: 43 Resp: 582985

Ion Ratio Lower Upper

43 100

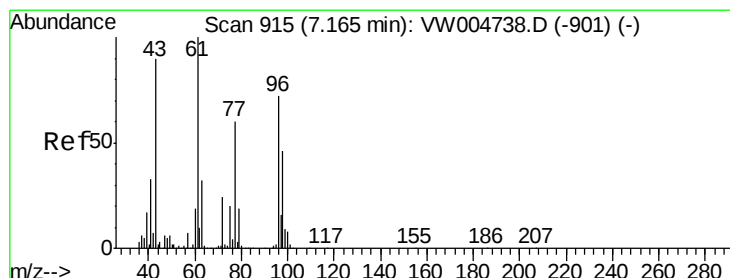
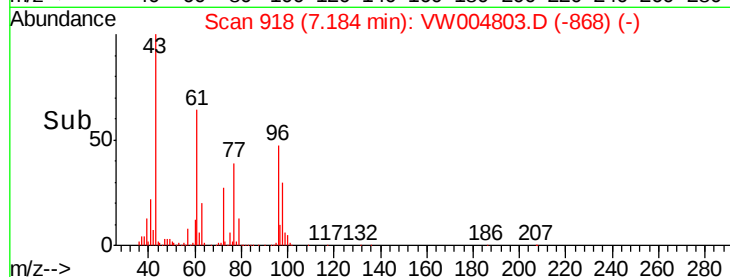
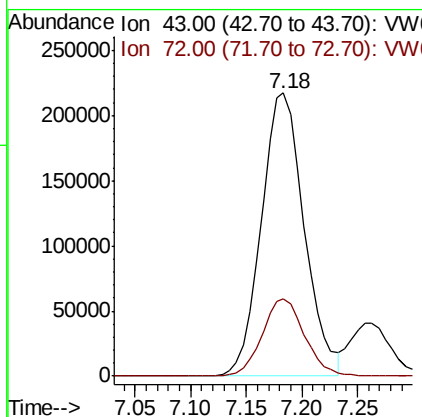
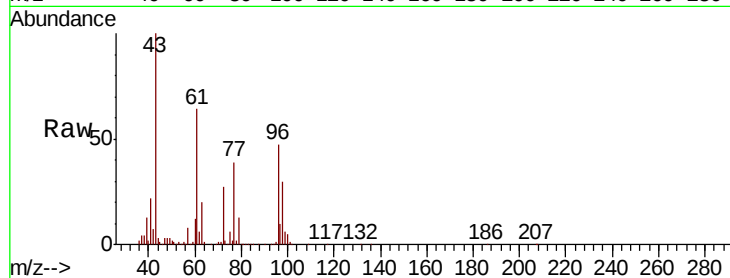
72 27.3 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 51.08 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004803.D

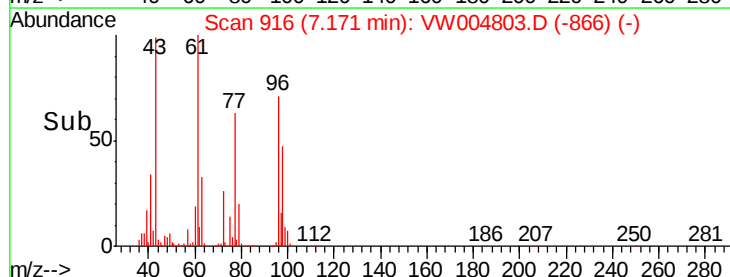
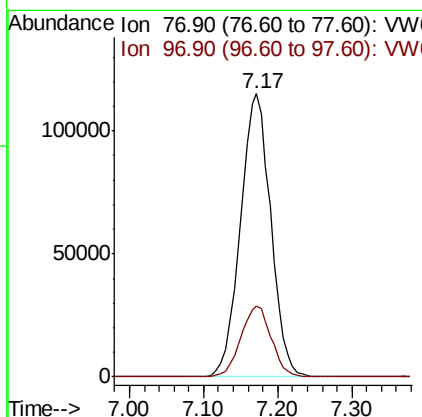
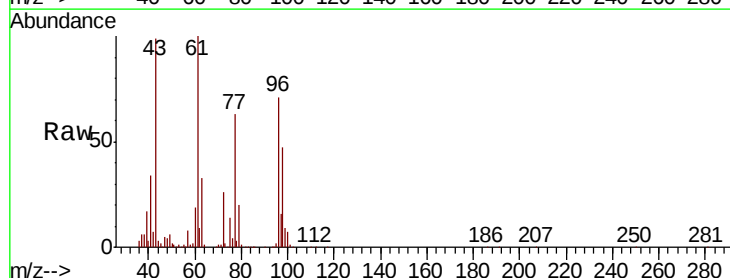
Acq: 20 Aug 2018 20:28

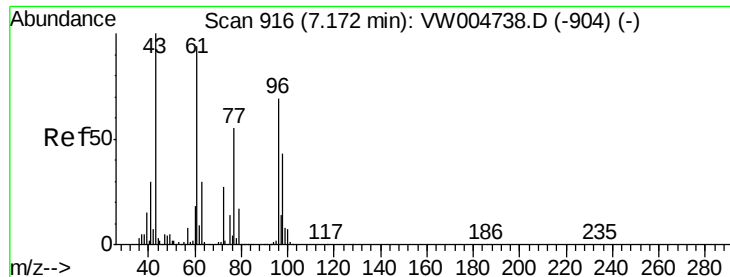
Tgt Ion: 77 Resp: 329044

Ion Ratio Lower Upper

77 100

97 24.9 12.6 37.8





#27

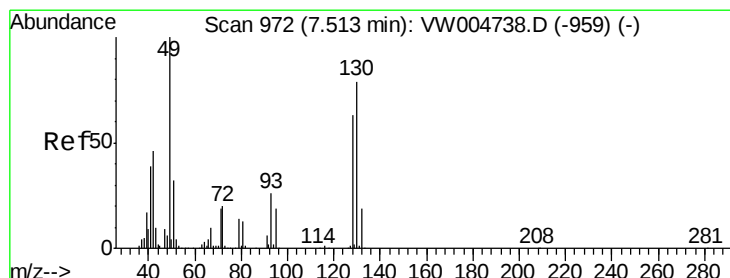
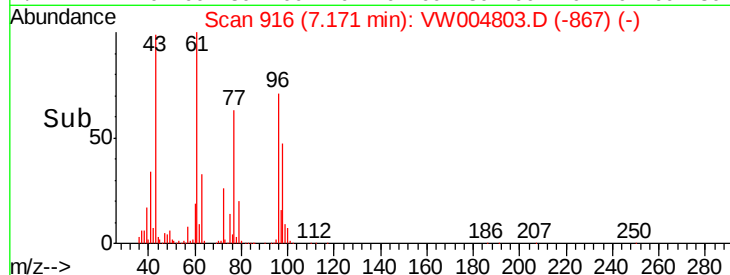
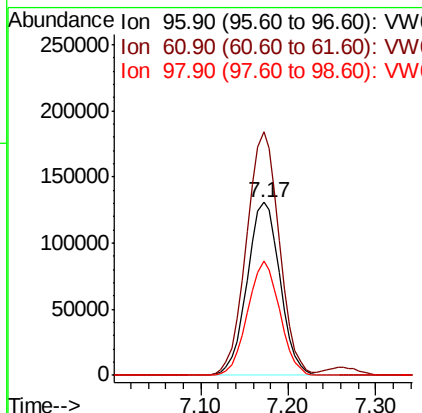
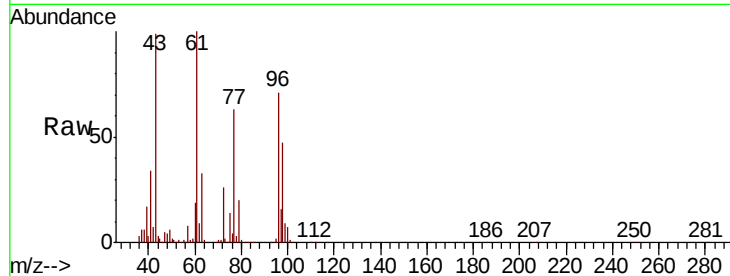
cis-1,2-Dichloroethene
 Concen: 50.77 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

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

Tot Ion	Ratio	Resp	Lower	Upper
96	100	342195		
61	140.3	0.0	277.6	
98	64.5	0.0	127.4	

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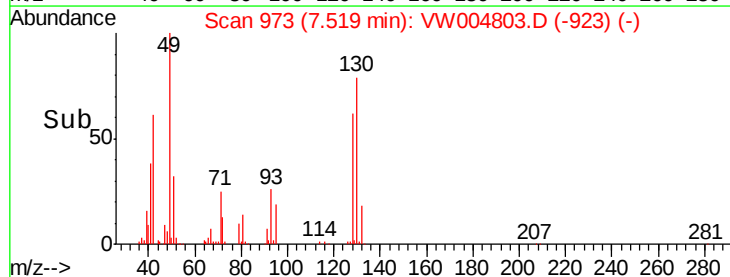
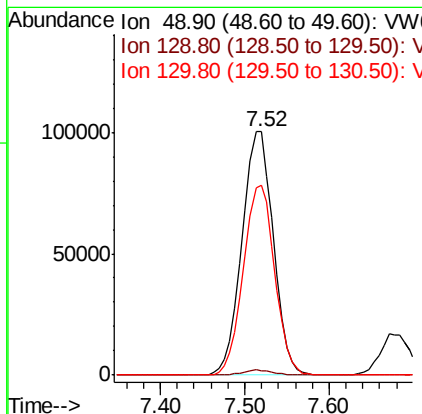
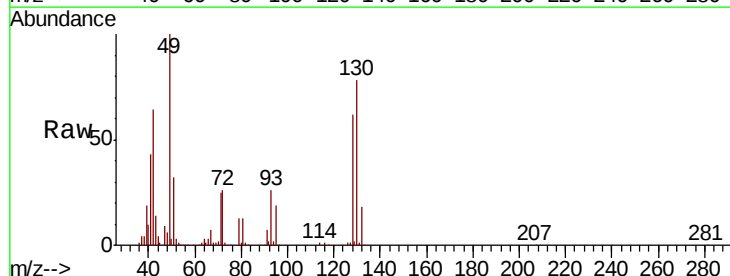
apatel
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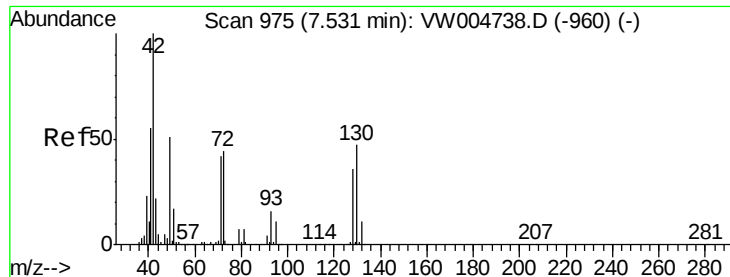


#28

Bromochloromethane
 Concen: 53.70 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	Resp	Lower	Upper
49	100	252200		
129	2.0	0.0	4.4	
130	77.9	63.7	95.5	





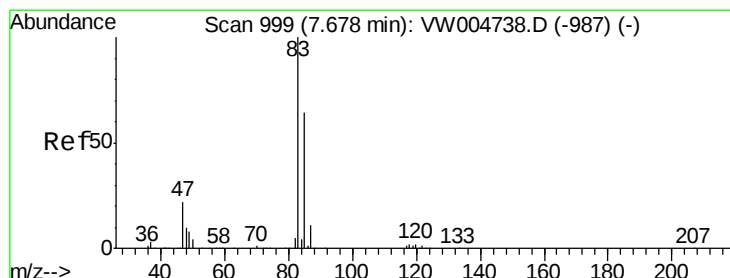
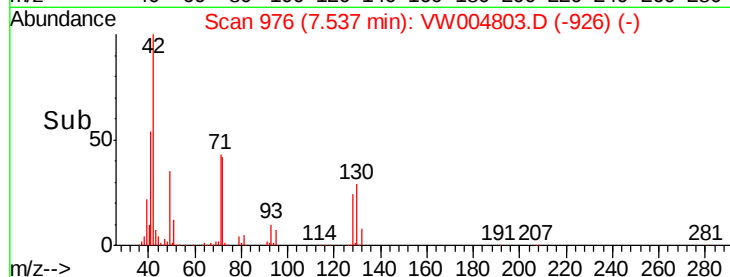
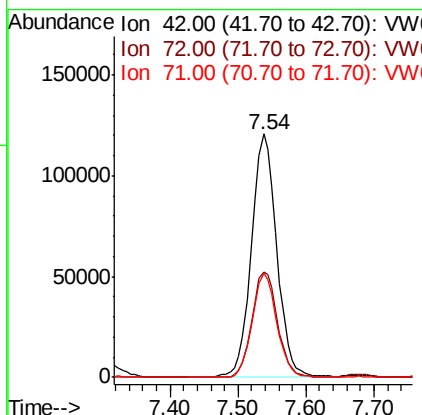
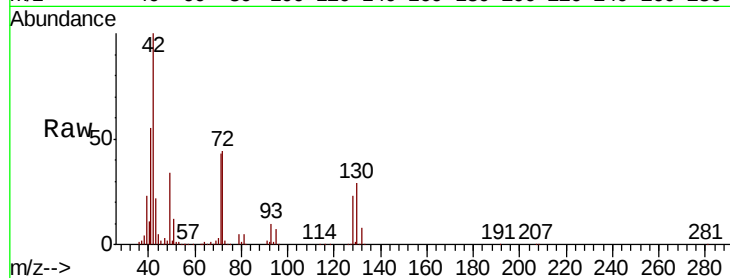
#29
Tetrahydrofuran
Concen: 306.43 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

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

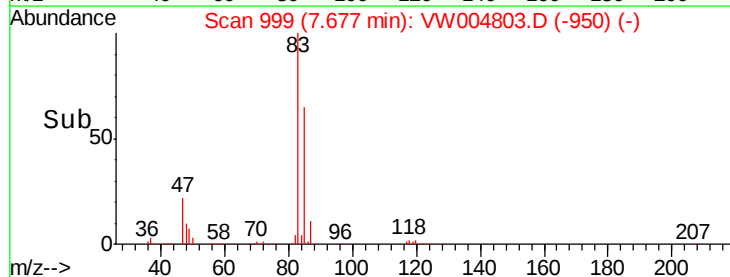
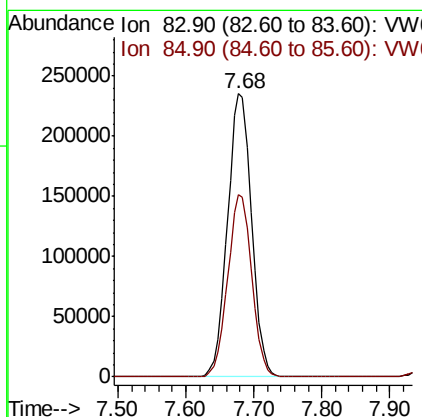
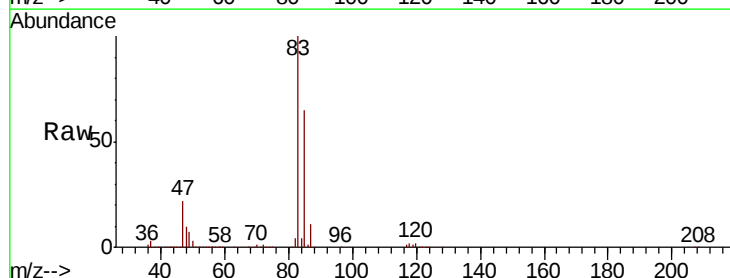
Manual Integrations
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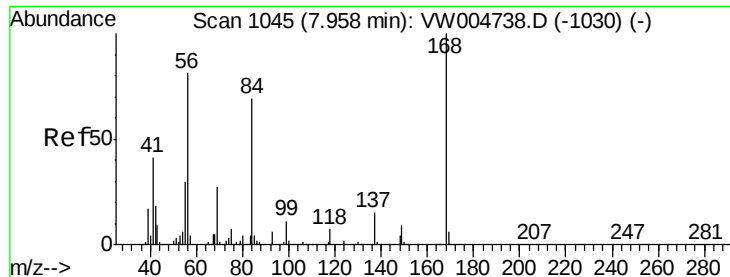
apatel
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#30
Chloroform
Concen: 52.57 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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





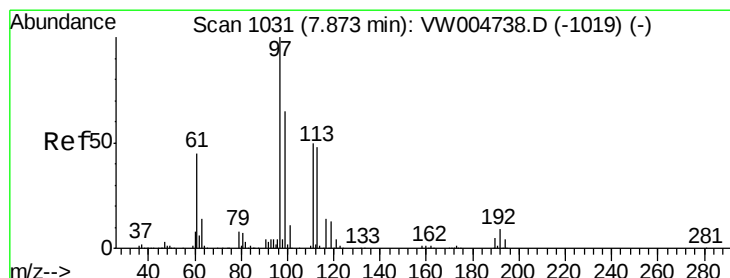
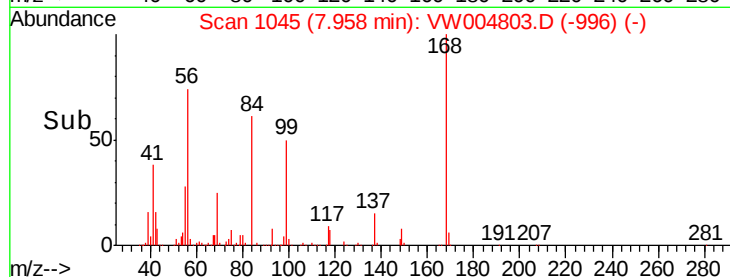
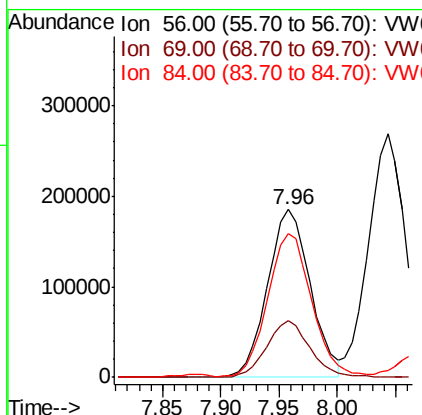
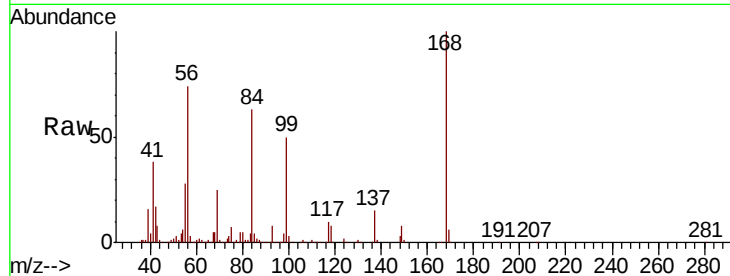
#31
Cyclohexane
Concen: 43.69 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.5	27.1	40.7
84	84.4	68.3	102.5

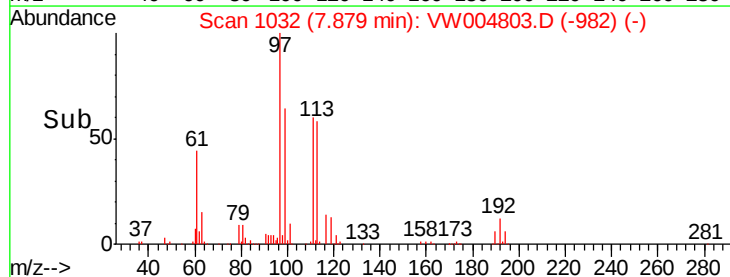
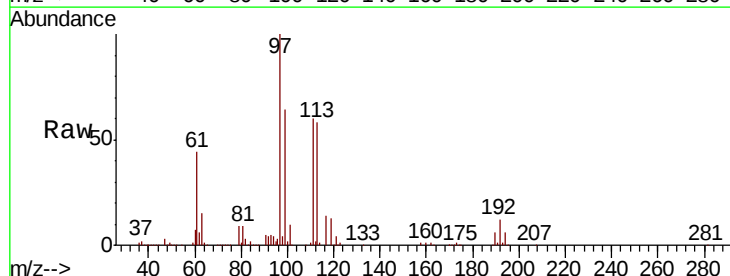
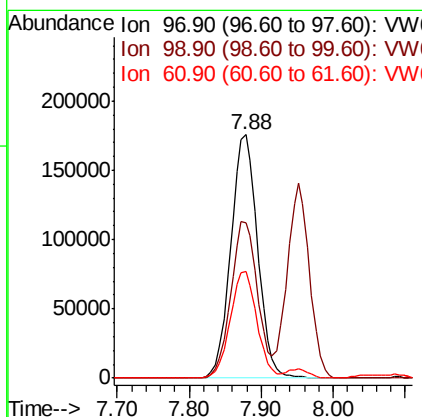
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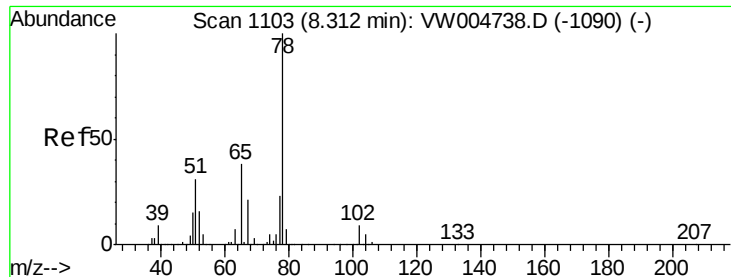
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#32
1,1,1-Trichloroethane
Concen: 52.18 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	43.8	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 52.27 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

Tot Ion: 65 Resp: 288563

Ion Ratio Lower Upper

65 100

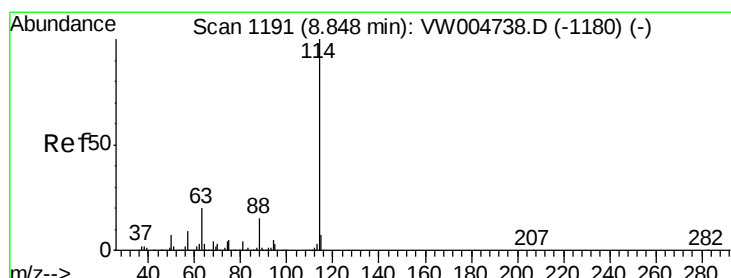
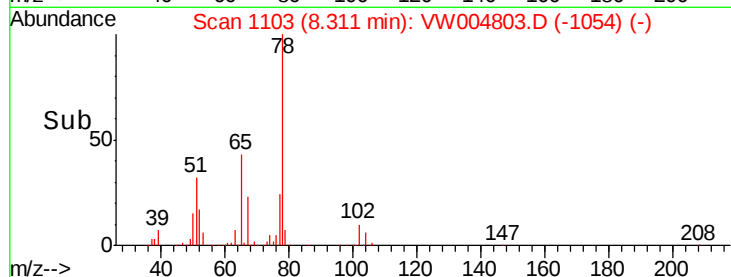
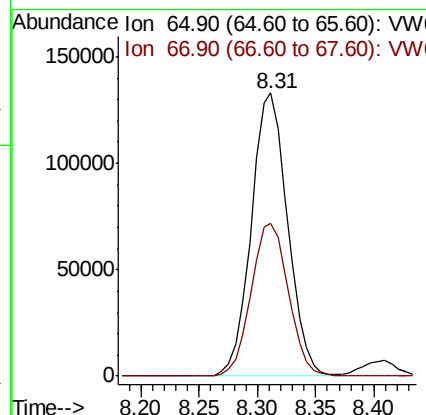
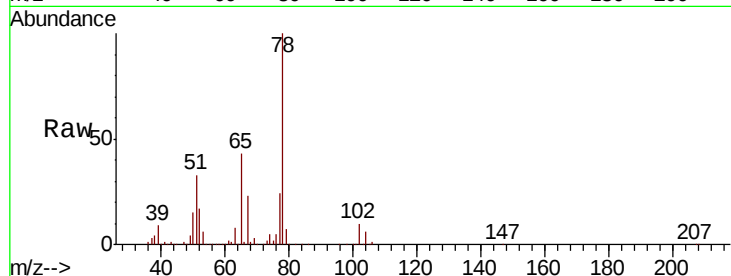
67 55.4 0.0 109.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

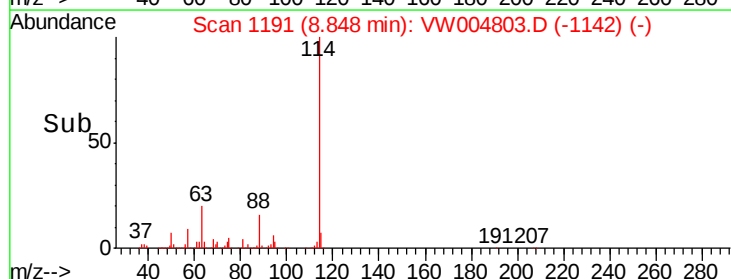
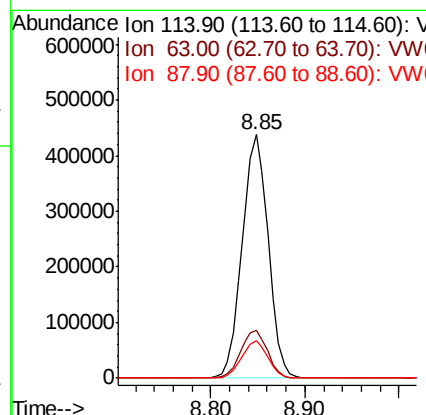
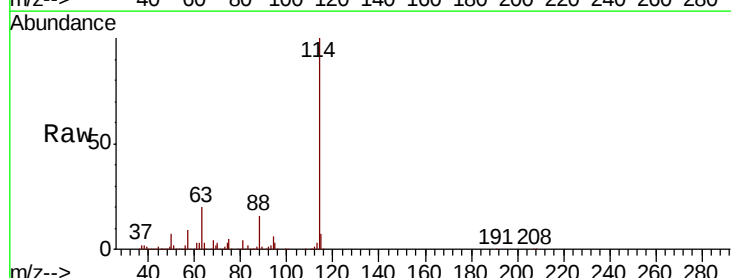
Tgt Ion: 114 Resp: 842644

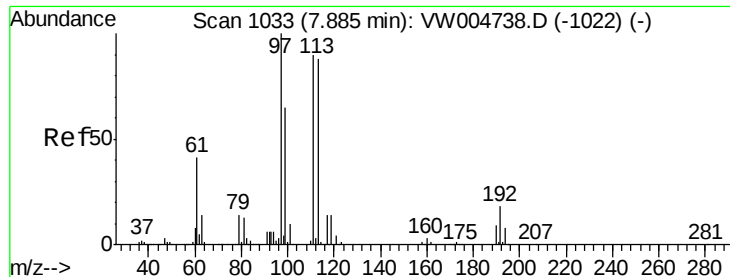
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

88 15.5 0.0 30.0





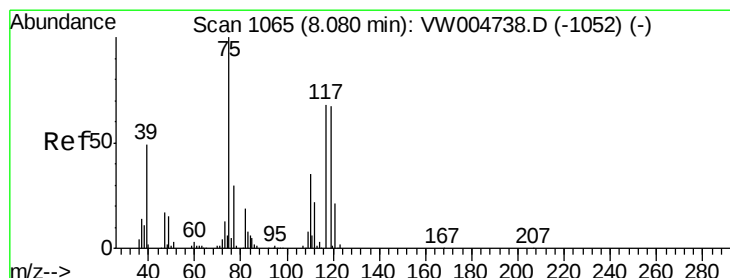
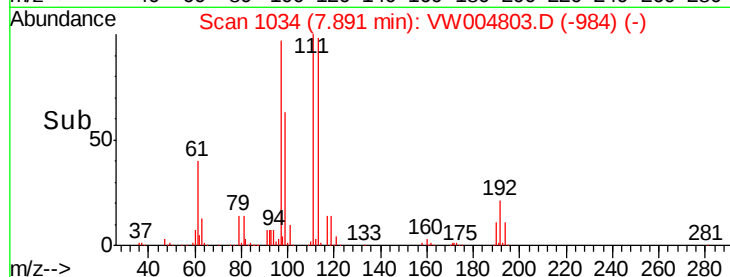
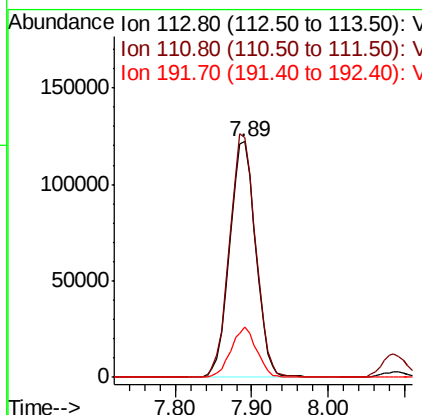
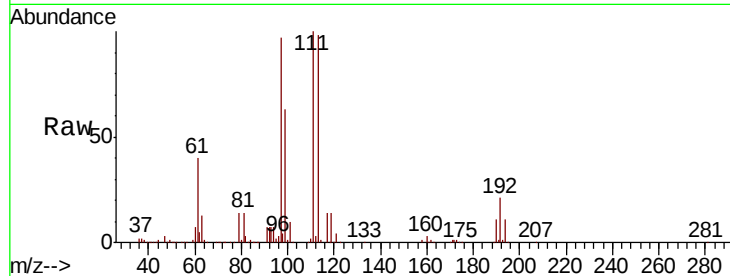
#35
 Dibromofluoromethane
 Concen: 53.43 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	20.8	16.7	25.1

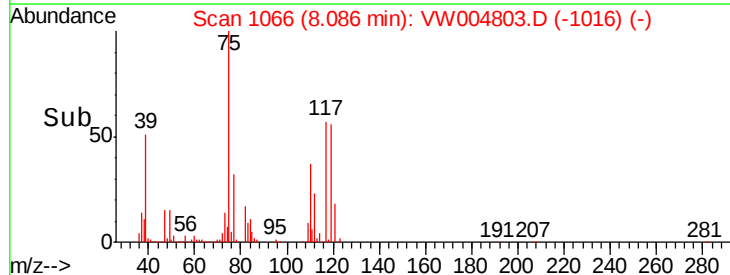
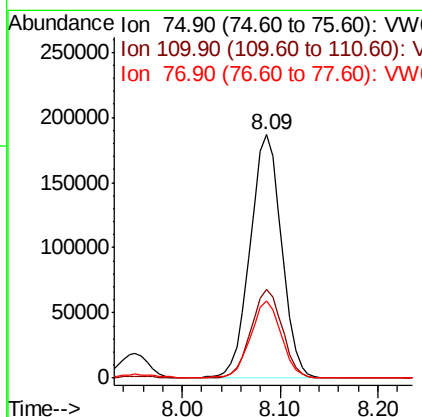
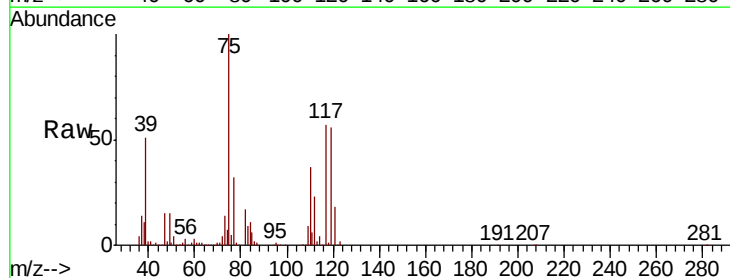
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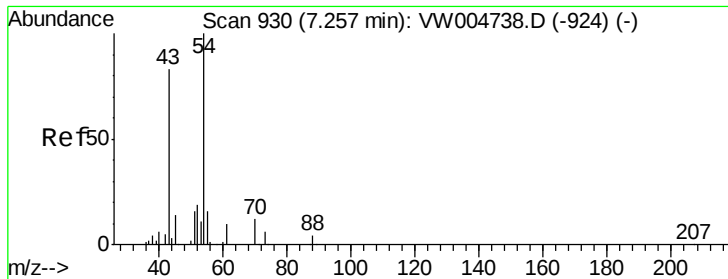
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#36
 1,1-Dichloropropene
 Concen: 48.24 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

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





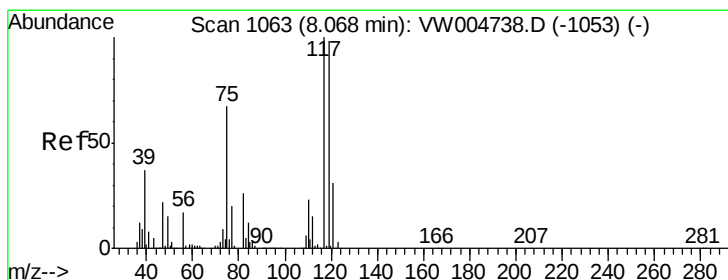
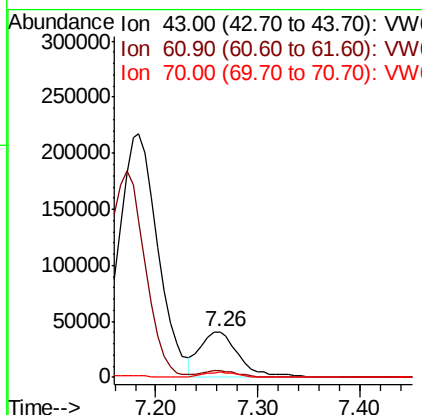
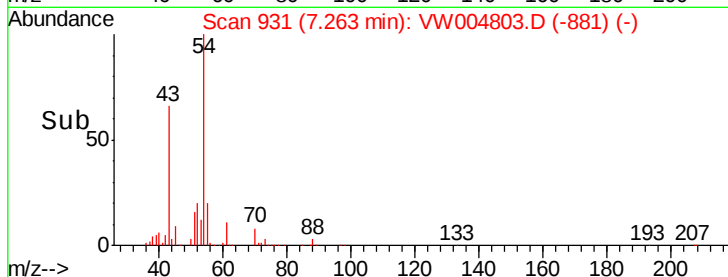
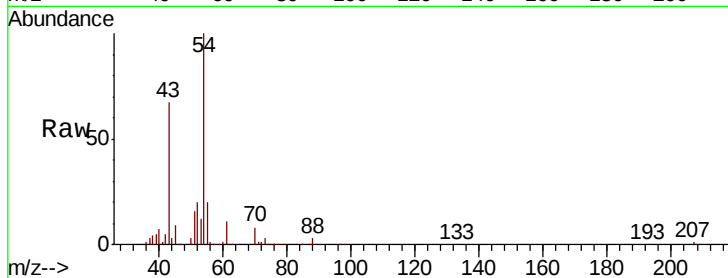
#37
Ethyl Acetate
Concen: 30.92 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	14.3		11.6	17.4
70	10.8		9.2	13.8

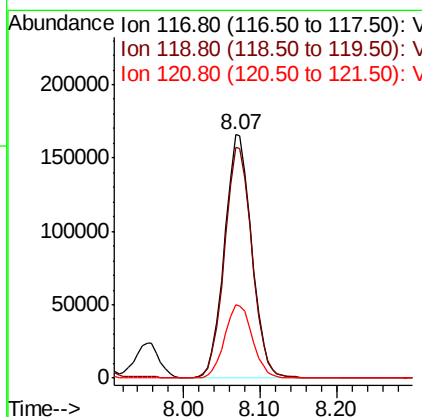
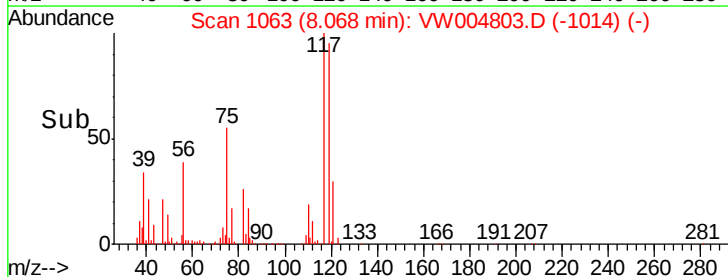
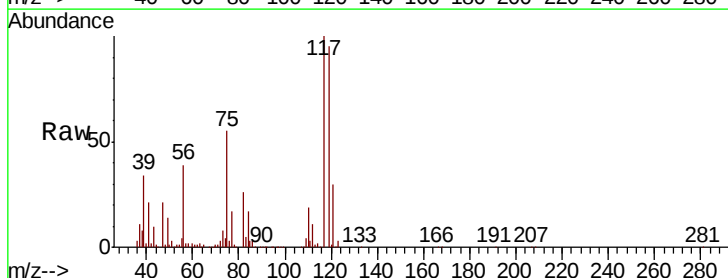
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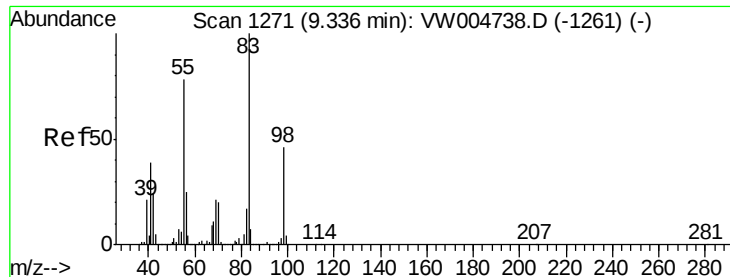
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#38
Carbon Tetrachloride
Concen: 50.94 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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





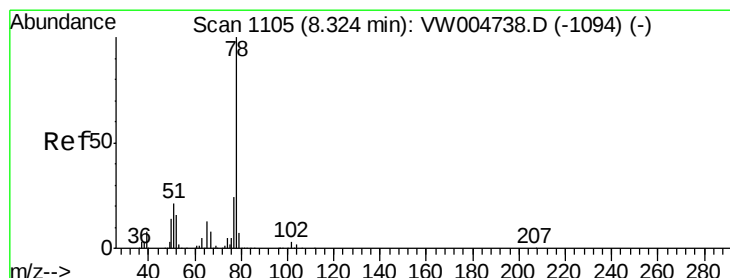
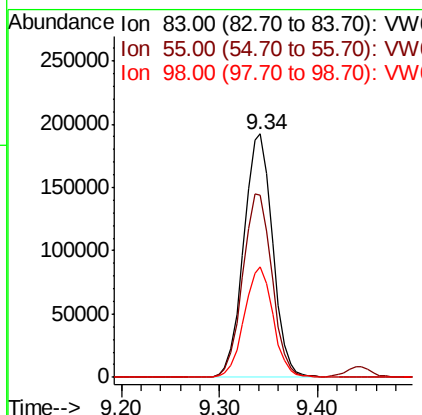
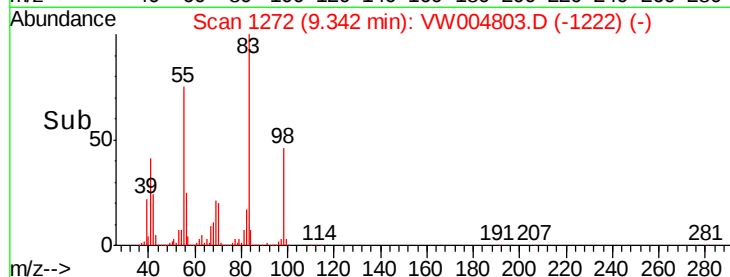
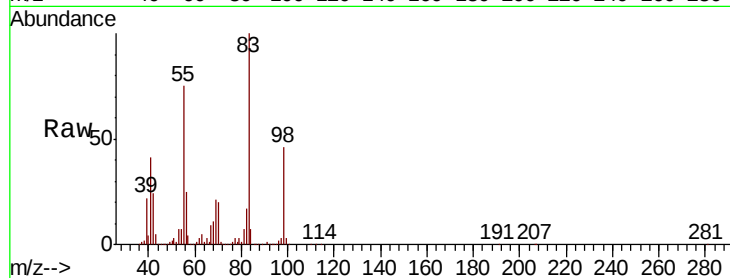
#39
Methvlcvclohexane
Concen: 36.41 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

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

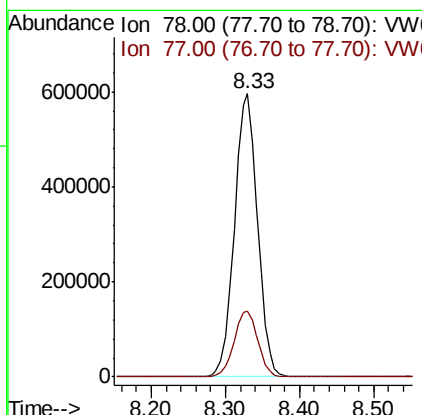
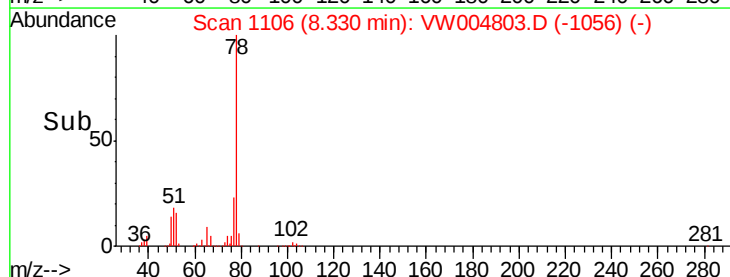
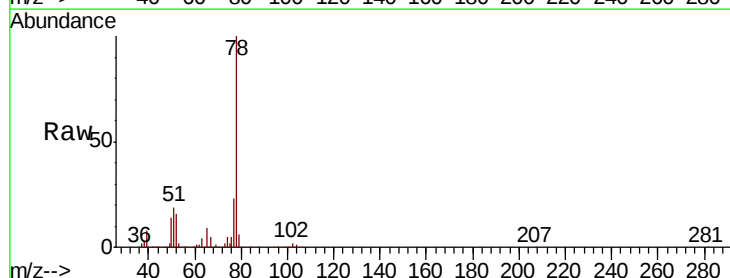
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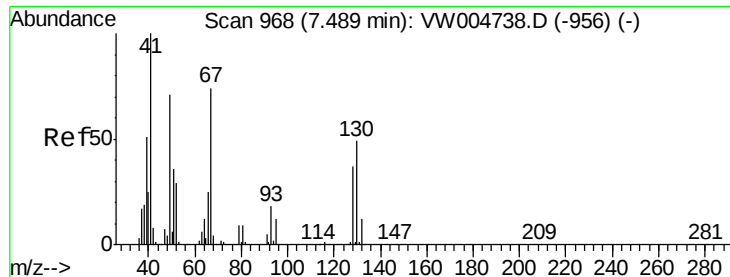
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#40
Benzene
Concen: 51.11 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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





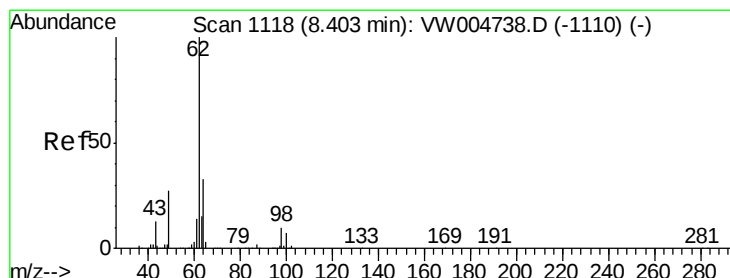
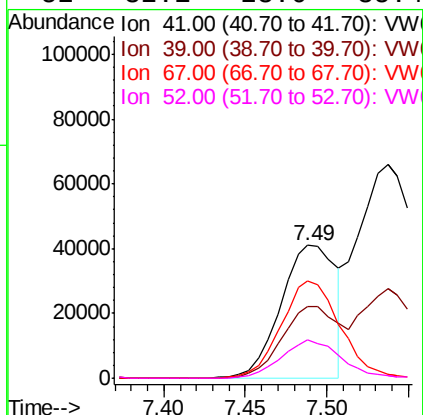
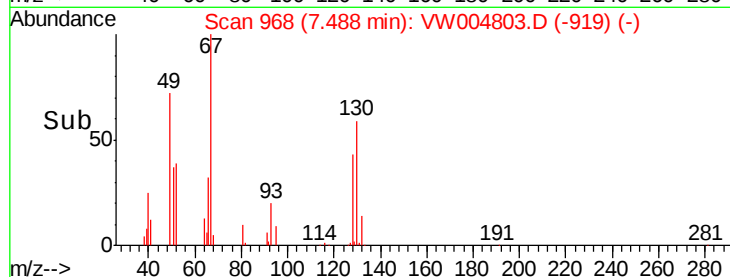
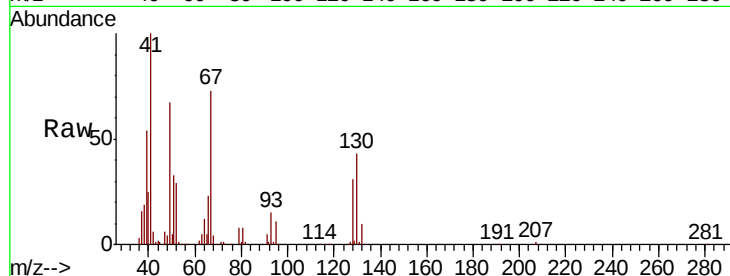
#41
Methacrylonitrile
Concen: 48.94 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

Tot Ion	Ion	Ratio	Resp	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		

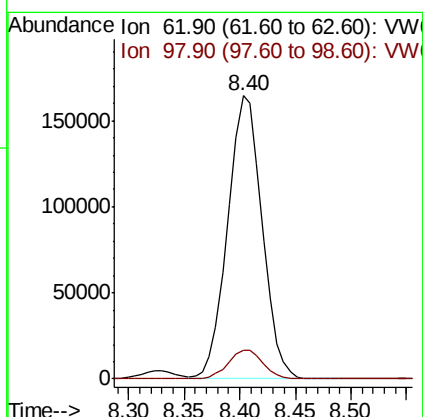
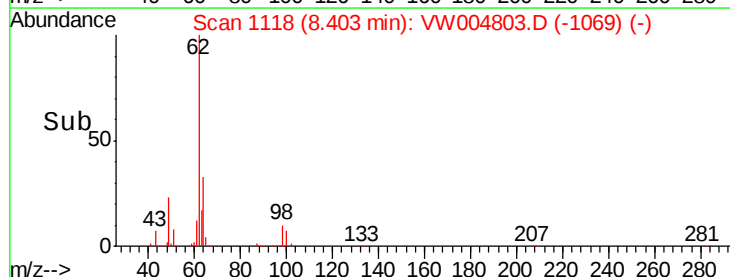
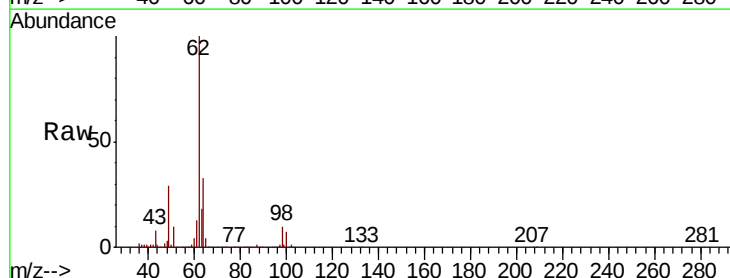
Manual Integrations
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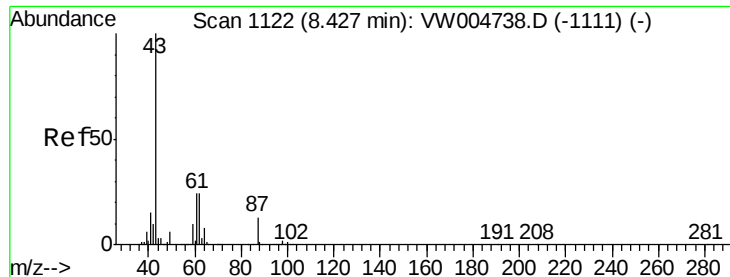
apatel
8/21/2018 11:32:28 AM



#42
1,2-Dichloroethane
Concen: 54.44 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	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.3	0.0	20.2		





#43

Isopropyl Acetate

Concen: 38.07 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

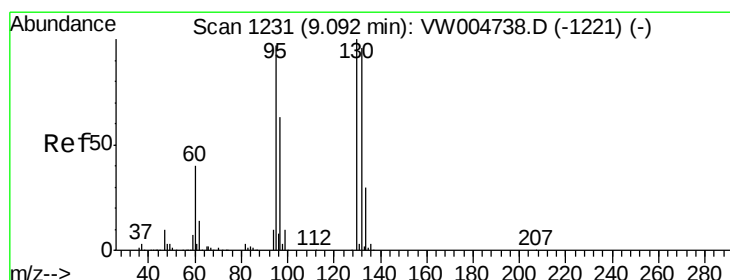
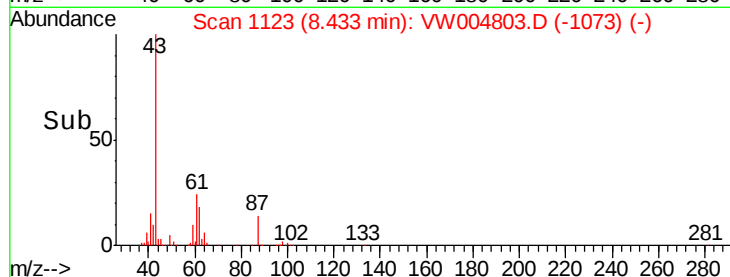
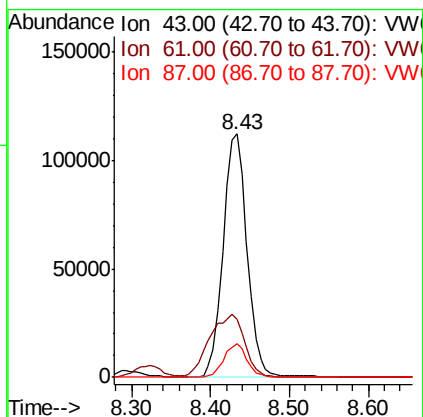
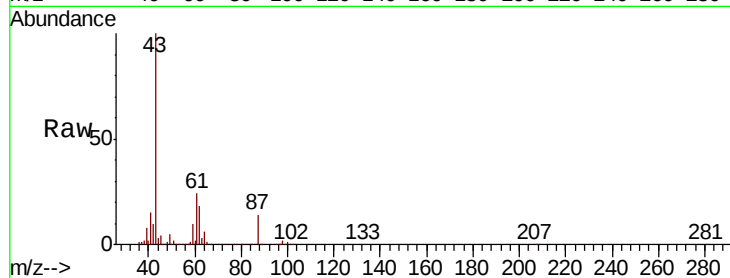
ClientSampled :

LSB-07(0-1)MS

Tot Ion:	43	Resp:	236637
Ion Ratio		Lower	Upper
43	100		
61	37.8	26.2	39.4
87	13.4	10.9	16.3

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#44

Trichloroethene

Concen: 47.98 ug/l

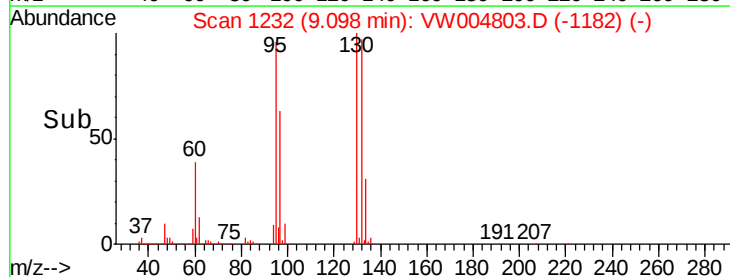
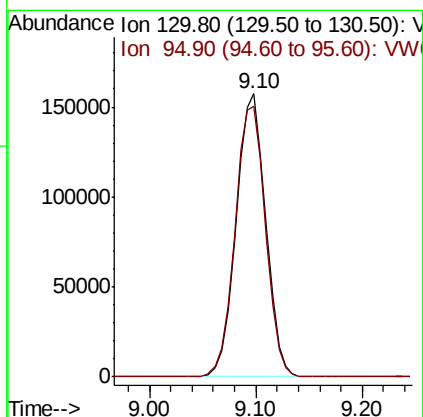
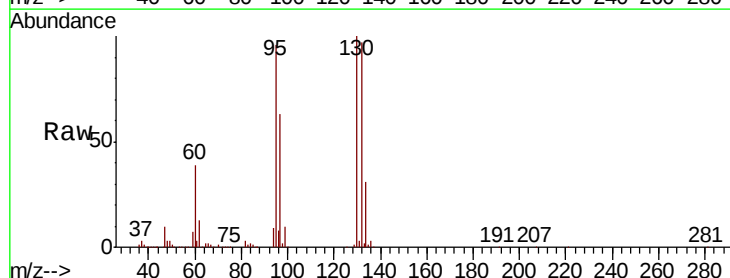
RT: 9.10 min Scan# 1232

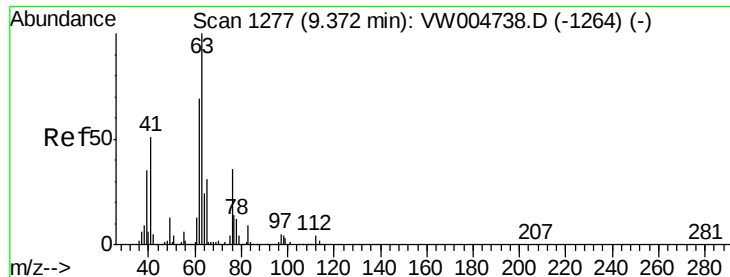
Delta R.T. 0.01 min

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





#45

1,2-Dichloropropane

Concen: 53.64 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

Tot Ion: 63 Resp: 330981

Ion Ratio Lower Upper

63 100

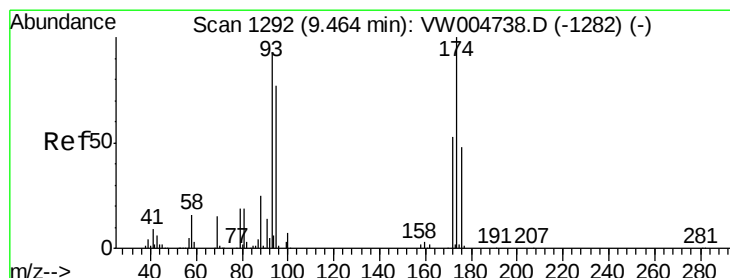
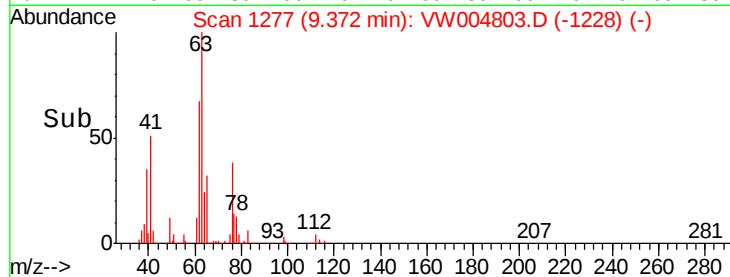
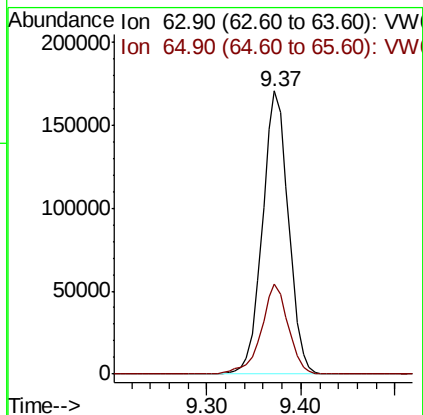
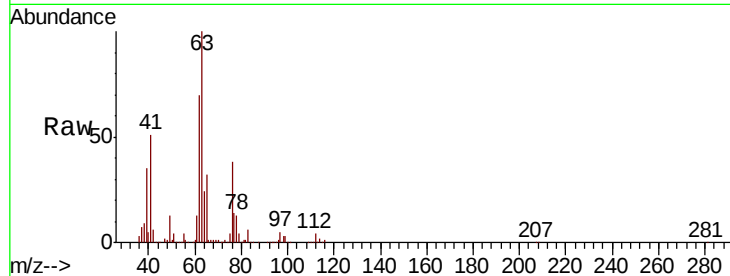
65 32.0 24.6 37.0

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#46

Dibromomethane

Concen: 53.87 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

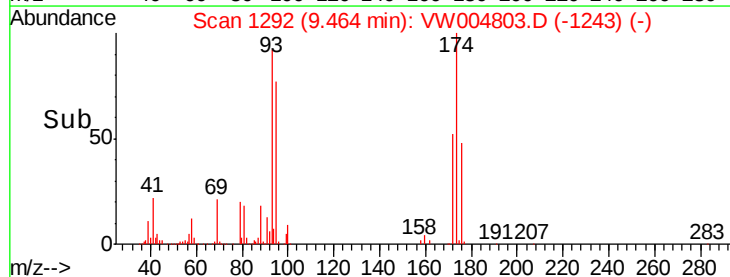
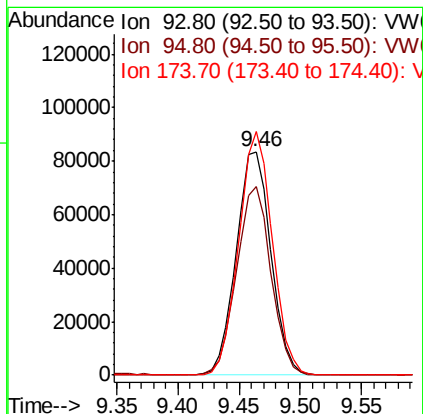
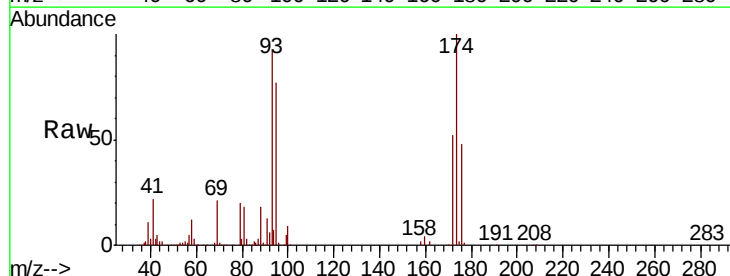
Tgt Ion: 93 Resp: 164696

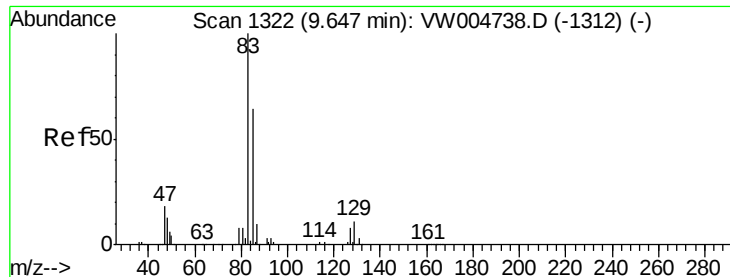
Ion Ratio Lower Upper

93 100

95 83.8 66.6 99.8

174 105.7 85.3 127.9





#47

Bromodichloromethane

Concen: 52.60 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

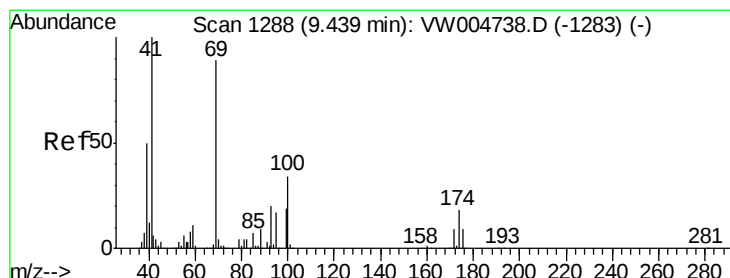
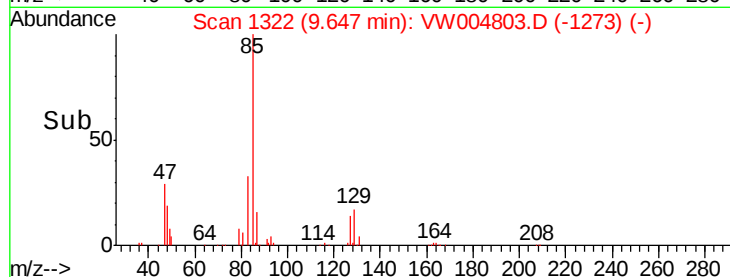
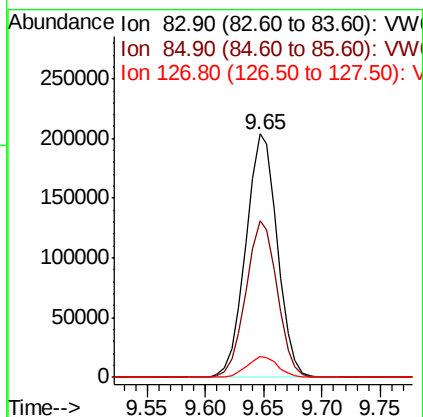
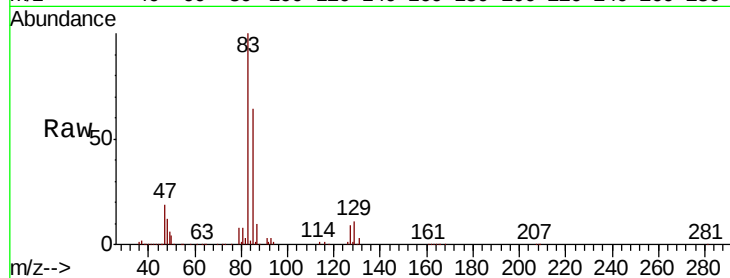
ClientSampled :

LSB-07(0-1)MS

Tot Ion:	83	Resp:	384035
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.2	76.8
127	8.7	6.7	10.1

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#48

Methyl methacrylate

Concen: 71.97 ug/l

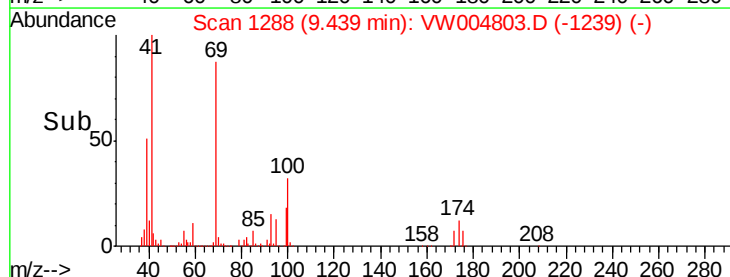
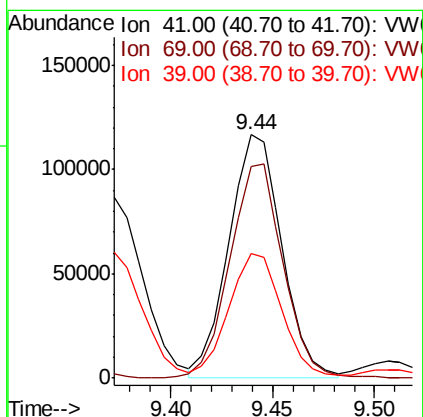
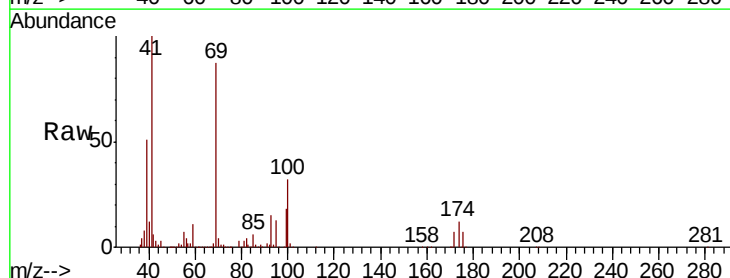
RT: 9.44 min Scan# 1288

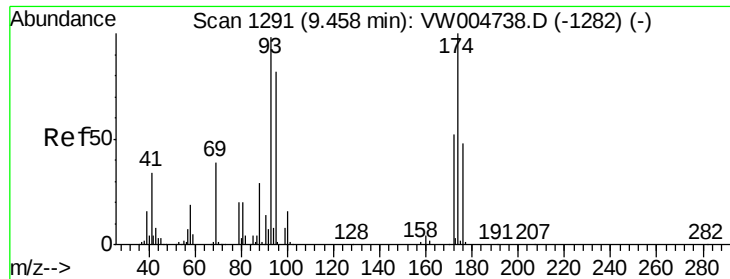
Delta R.T. -0.00 min

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





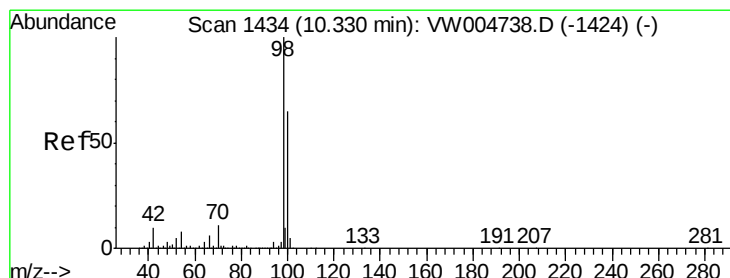
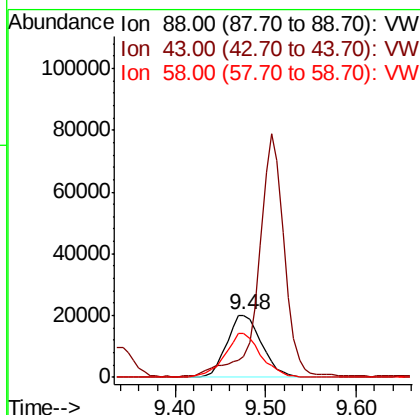
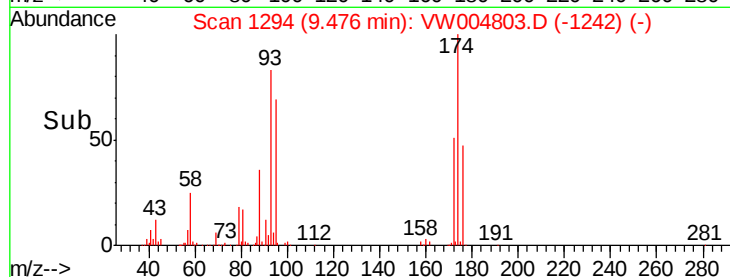
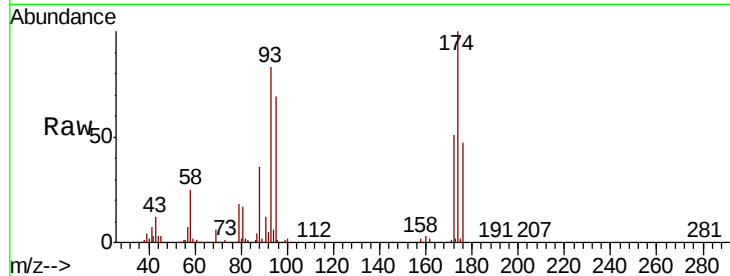
#49
1,4-Dioxane
Concen: 1206.42 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. 0.02 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

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

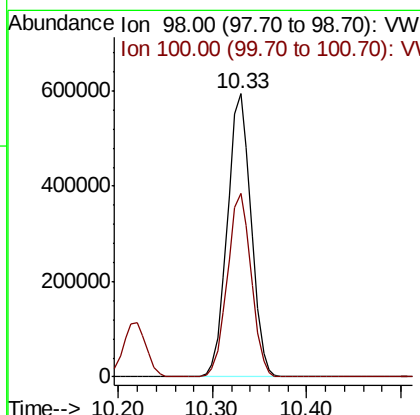
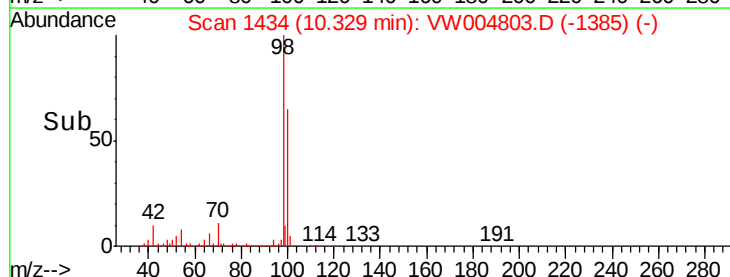
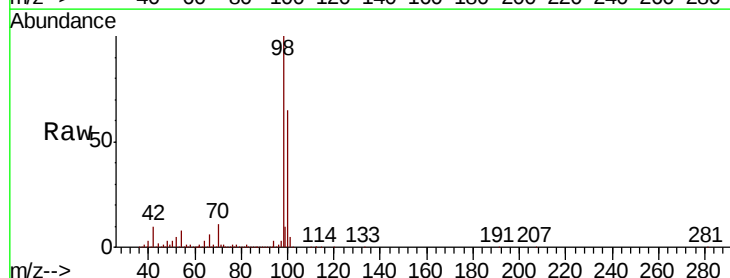
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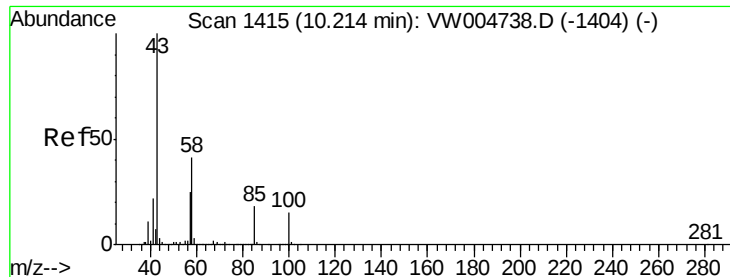
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#50
Toluene-d8
Concen: 49.45 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 302.57 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

ClientSampled :

LSB-07(0-1)MS

Tot Ion: 43 Resp: 1271039

Ion Ratio Lower Upper

43 100

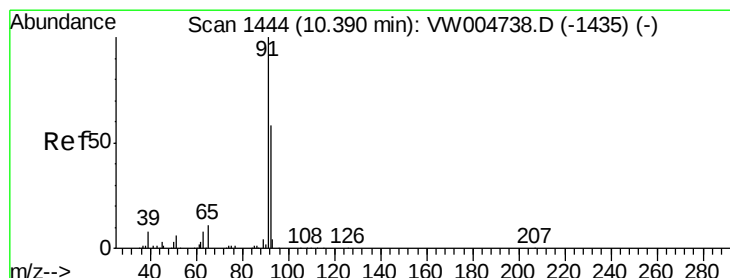
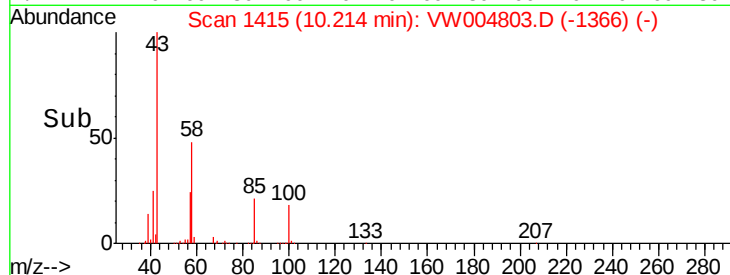
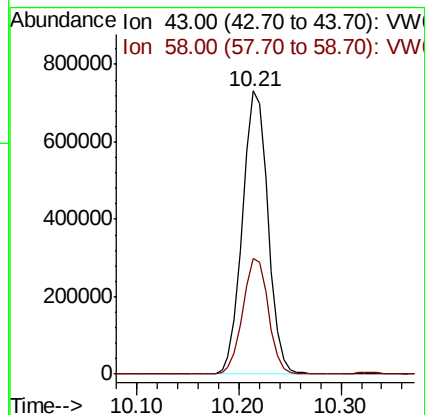
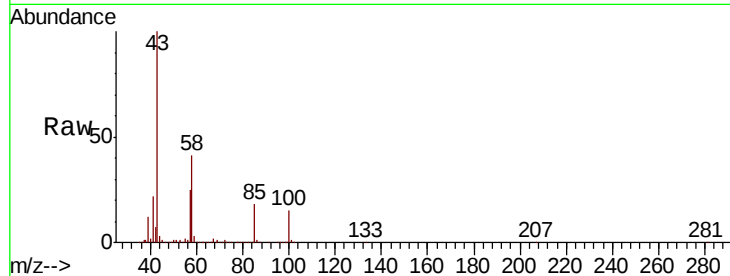
58 40.9 32.7 49.1

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#52

Toluene

Concen: 49.65 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004803.D

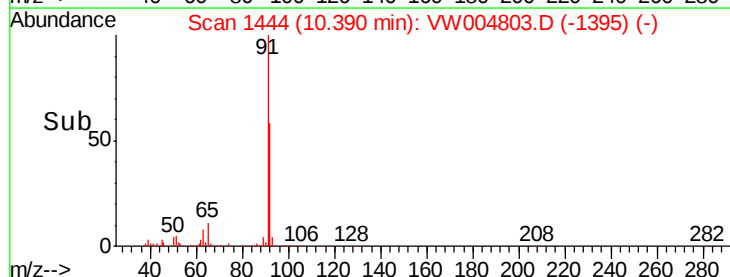
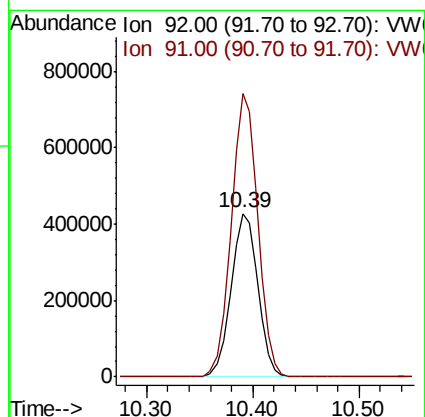
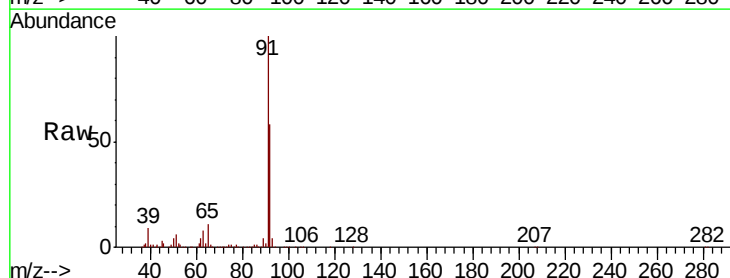
Acq: 20 Aug 2018 20:28

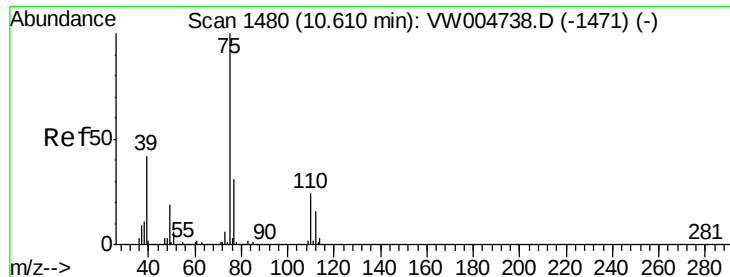
Tgt Ion: 92 Resp: 751274

Ion Ratio Lower Upper

92 100

91 172.1 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 50.00 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

ClientSampled :

LSB-07(0-1)MS

Tot Ion: 75 Resp: 367810

Ion Ratio Lower Upper

75 100

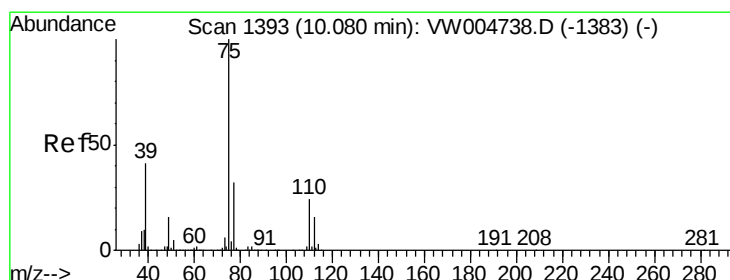
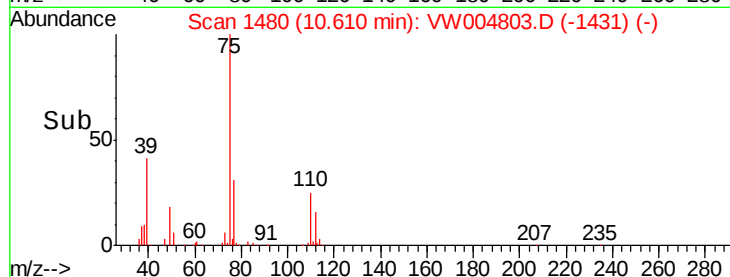
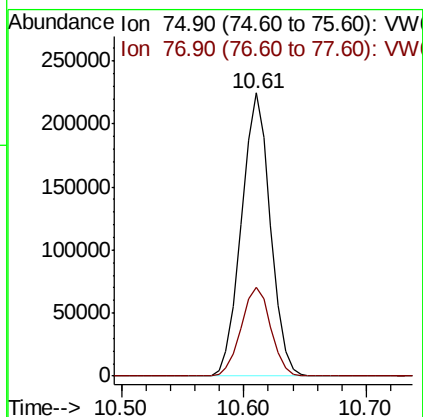
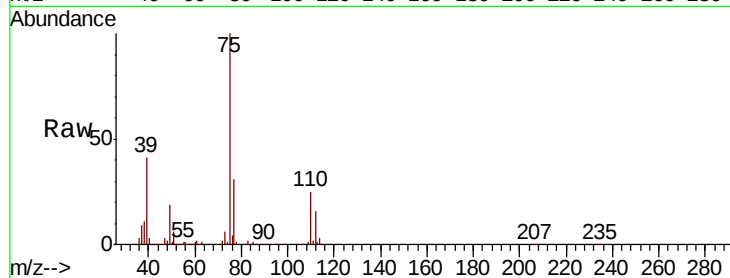
77 31.1 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 50.45 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

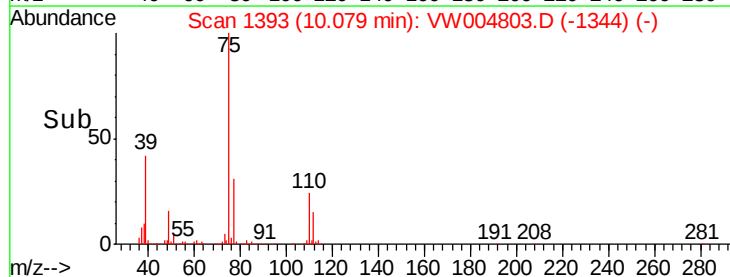
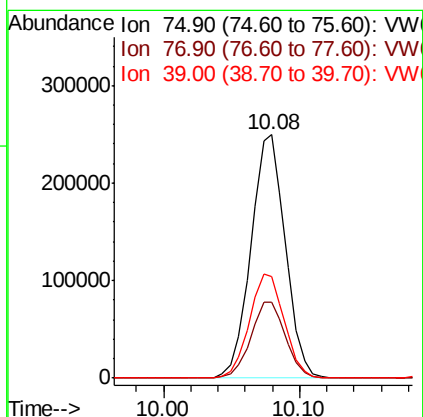
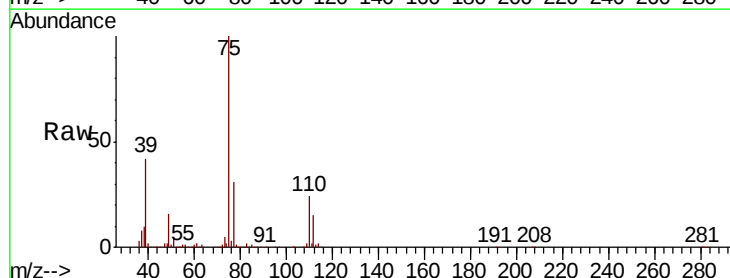
Tgt Ion: 75 Resp: 442392

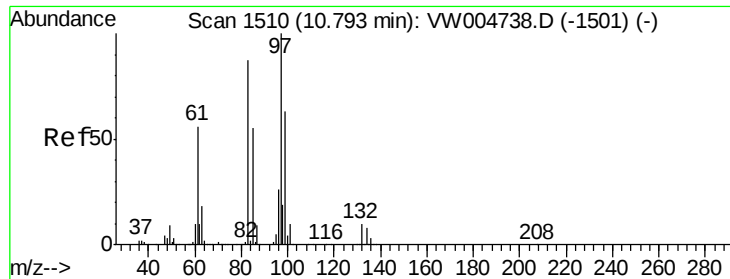
Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4

39 41.7 33.0 49.4





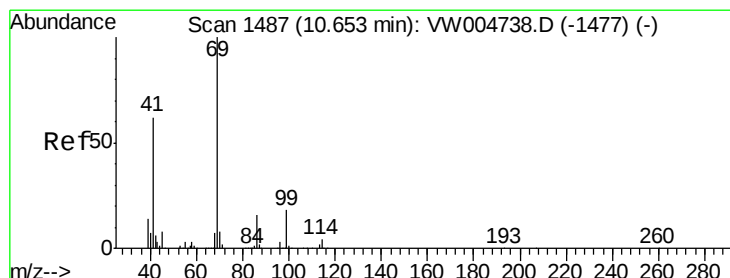
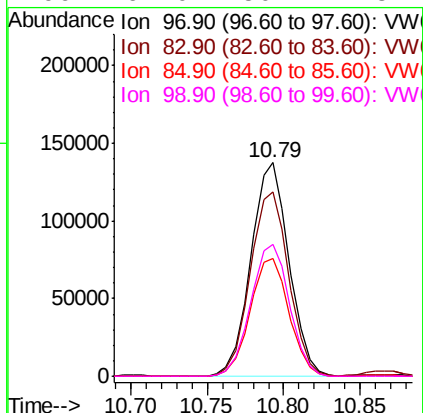
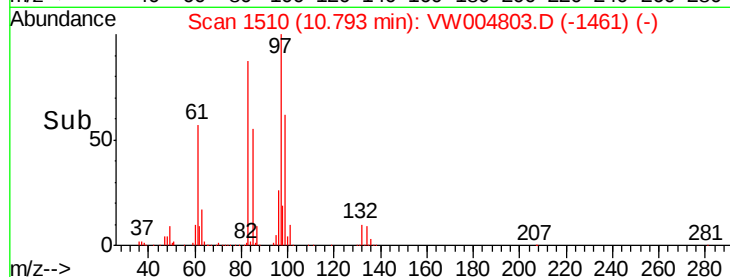
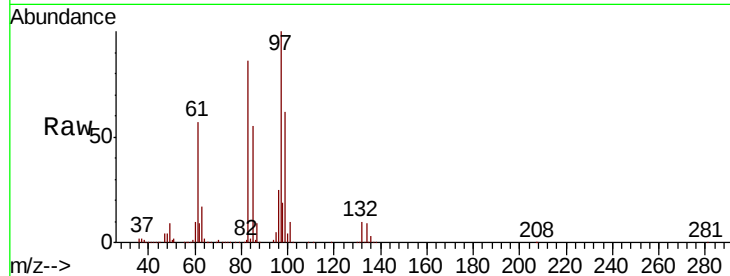
#55
 1,1,2-Trichloroethane
 Concen: 54.79 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

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

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

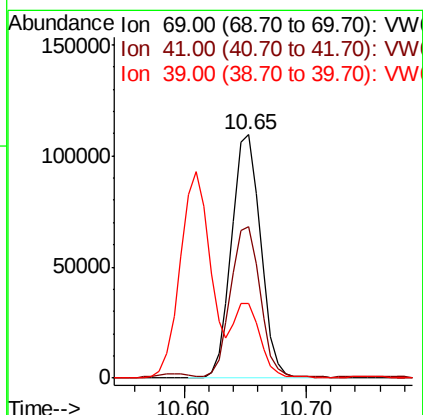
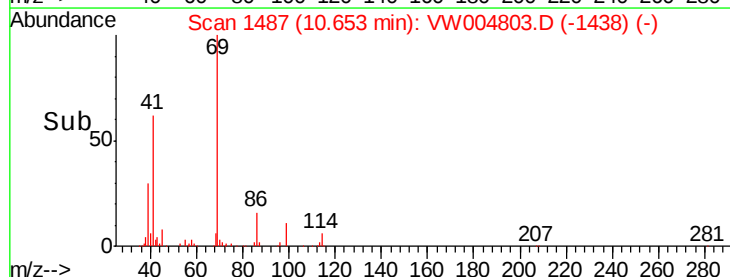
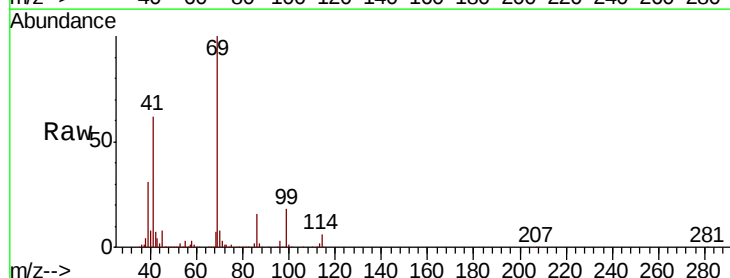
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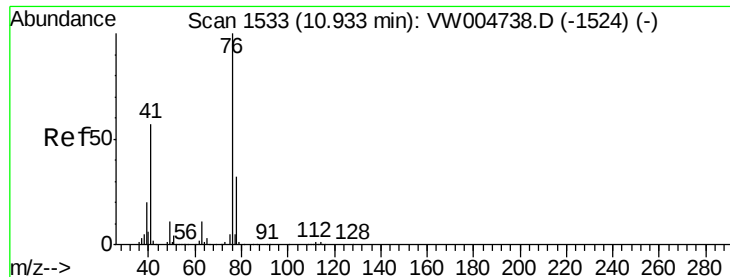
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#56
 Ethyl methacrylate
 Concen: 32.78 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

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





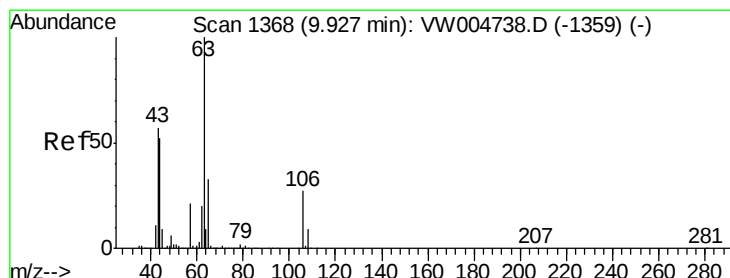
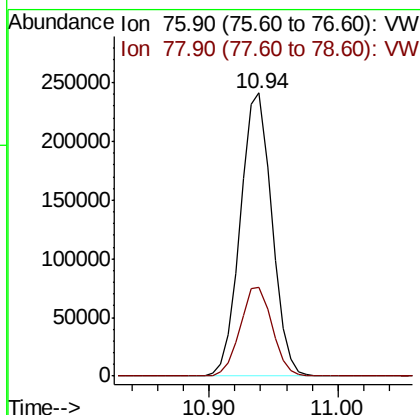
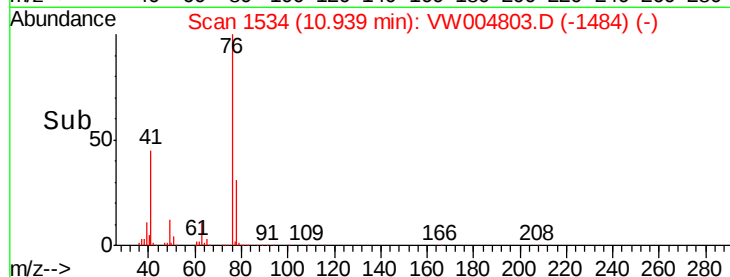
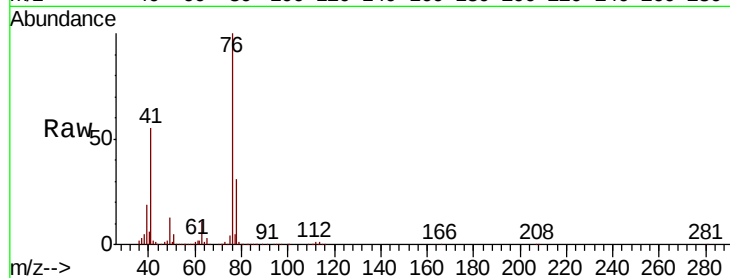
#57
 1,3-Dichloropropane
 Concen: 54.39 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

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

Tot Ion: 76 Resp: 407980
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9

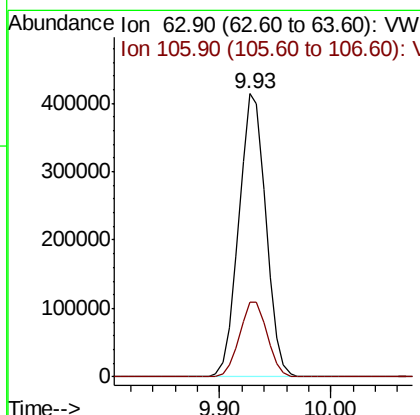
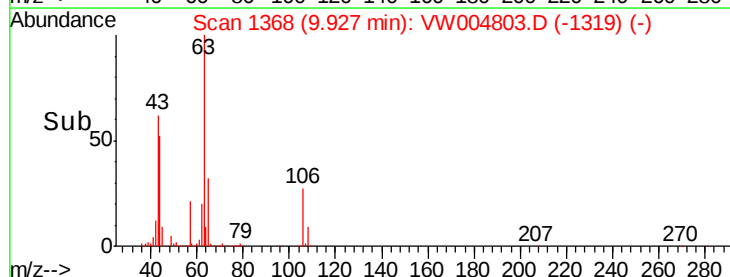
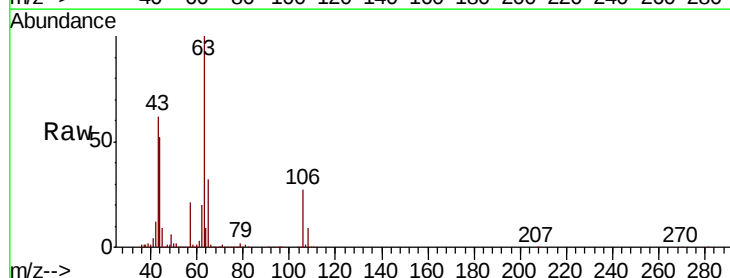
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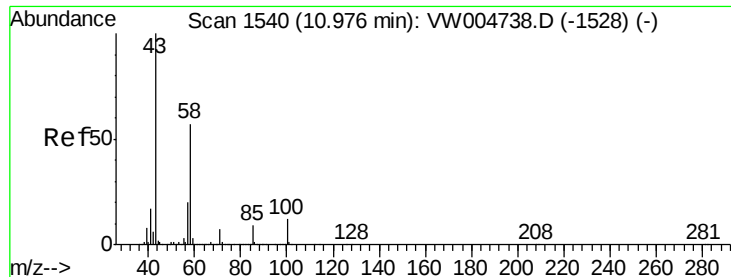
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 290.73 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

Tgt Ion: 63 Resp: 697736
 Ion Ratio Lower Upper
 63 100
 106 27.1 22.1 33.1





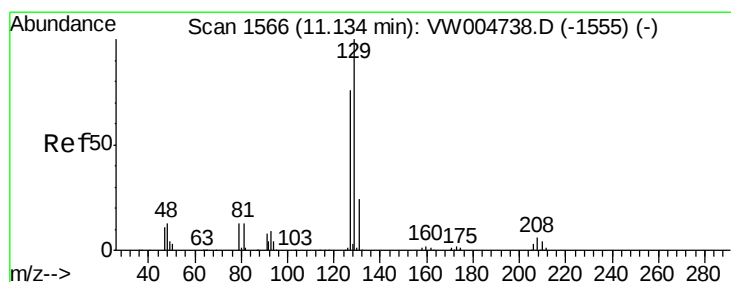
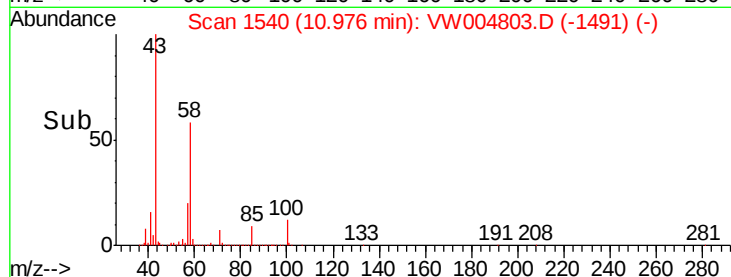
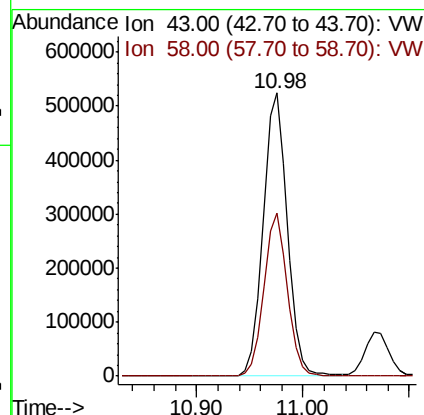
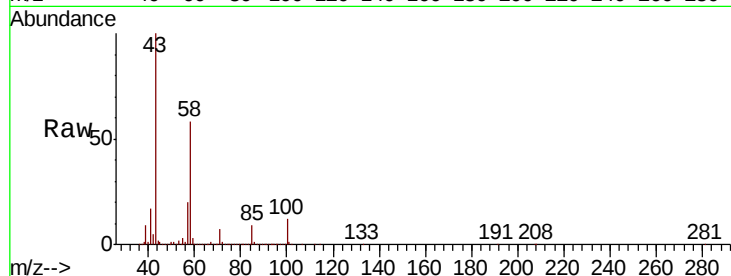
#59
2-Hexanone
Concen: 292.94 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.9	28.1	84.4

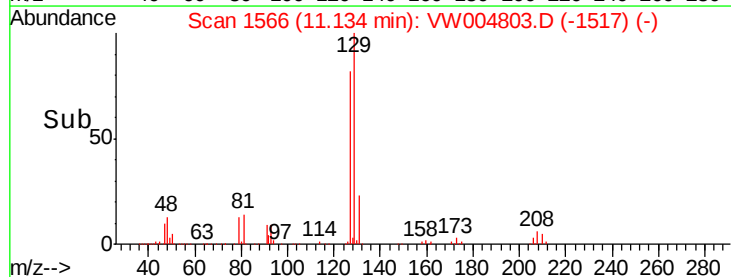
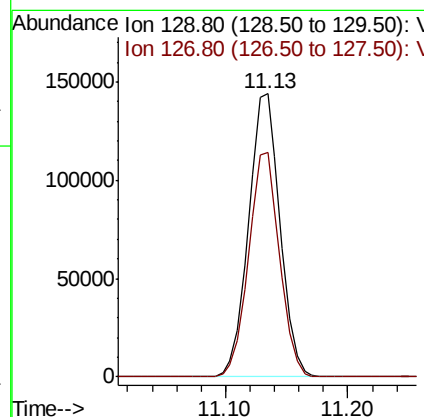
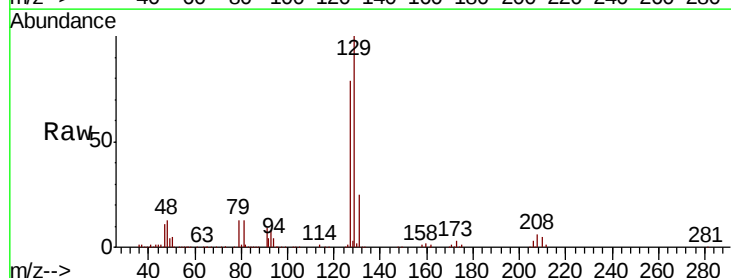
Manual Integrations
APPROVED

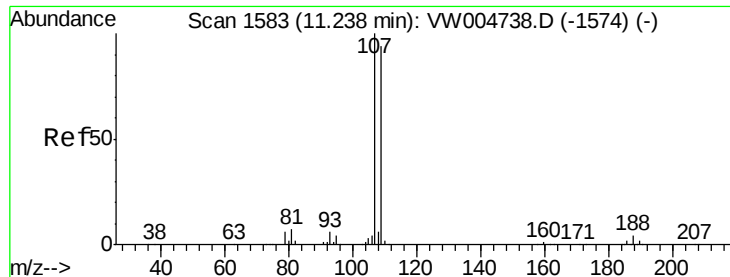
apatel
8/21/2018 11:32:28 AM



#60
Dibromochloromethane
Concen: 52.68 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	Ratio	Lower	Upper
129	100		
127	78.2	38.5	115.5





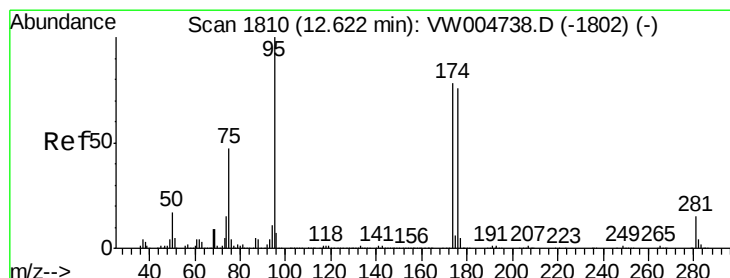
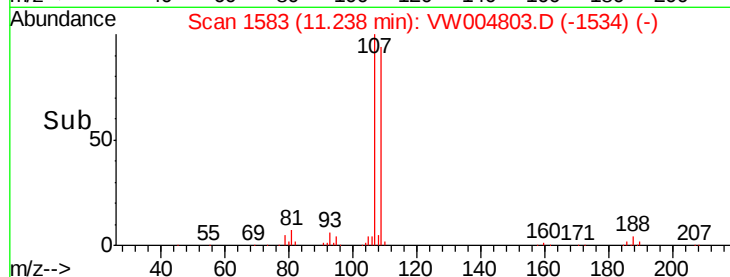
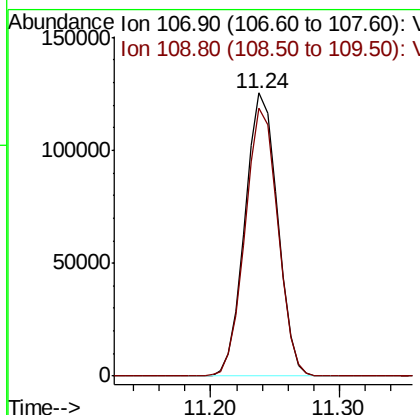
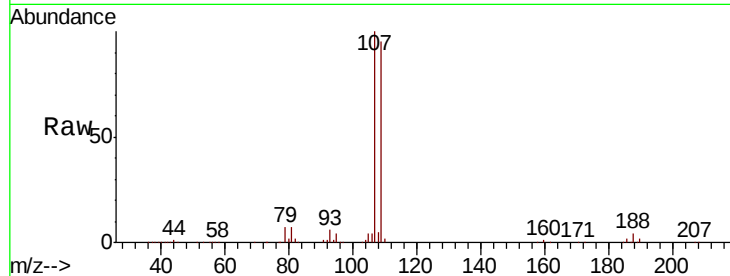
#61
 1,2-Dibromoethane
 Concen: 52.66 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

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

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.5	113.3

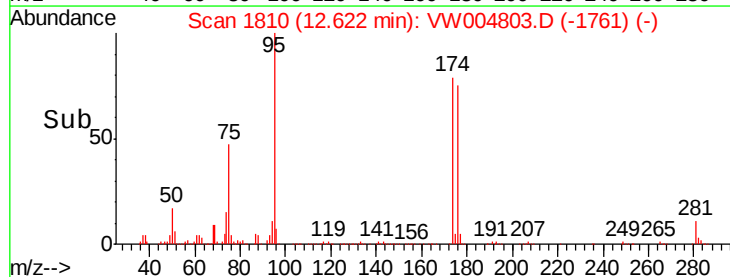
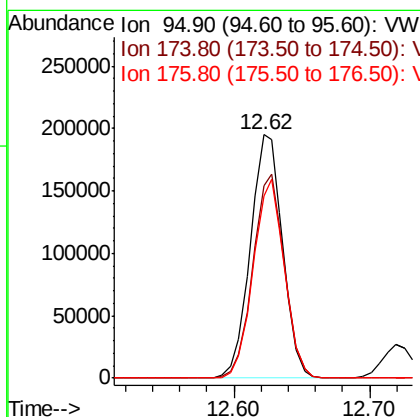
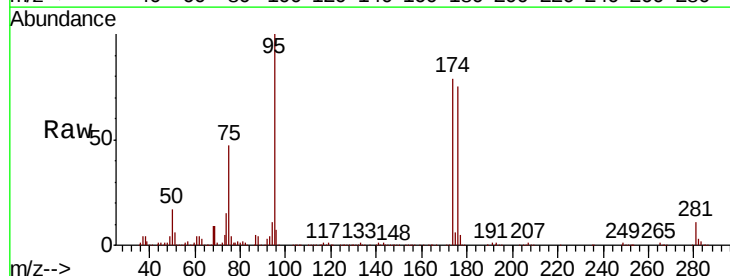
Manual Integrations
 APPROVED

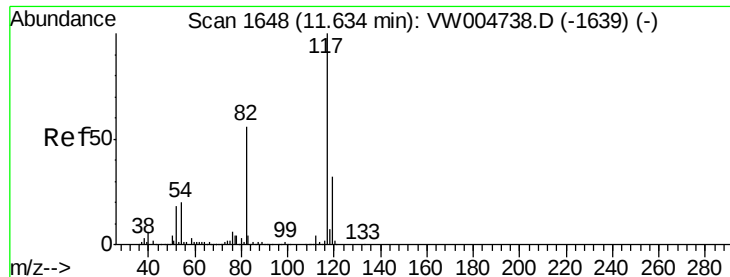
apatel
 8/21/2018 11:32:28 AM



#62
 4-Bromofluorobenzene
 Concen: 42.76 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	Ratio	Lower	Upper
95	100		
174	82.0	0.0	165.8
176	79.0	0.0	159.8





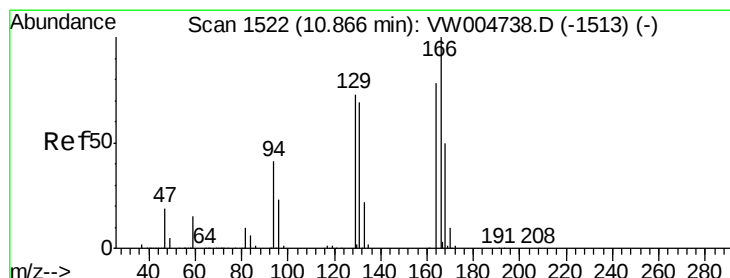
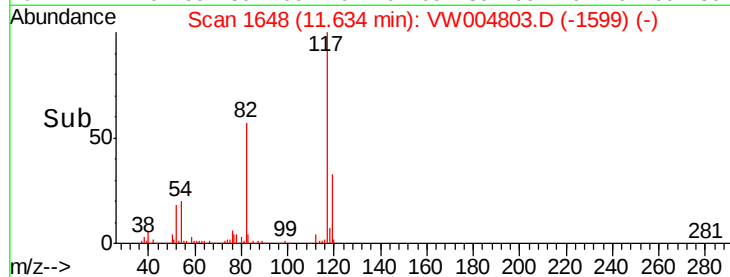
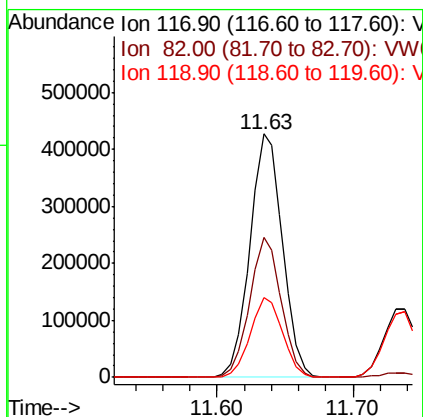
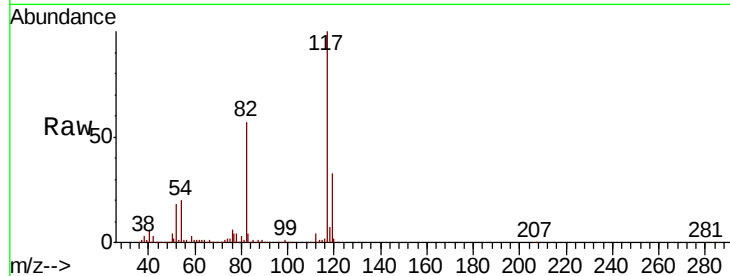
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.6	67.0
119	32.6	25.6	38.4

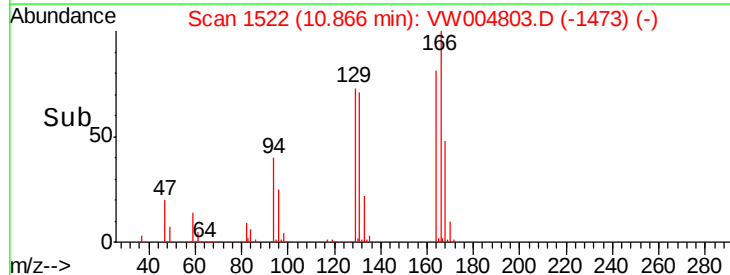
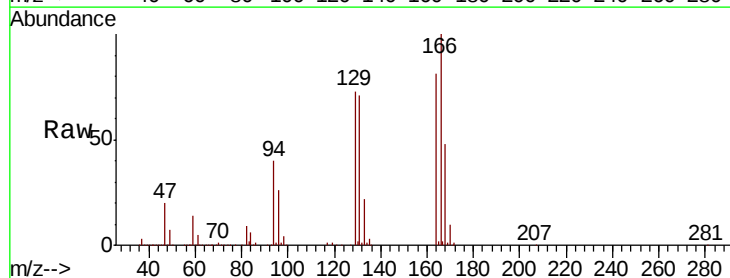
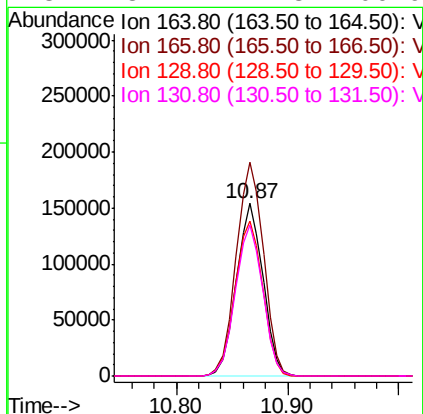
Manual Integrations
APPROVED

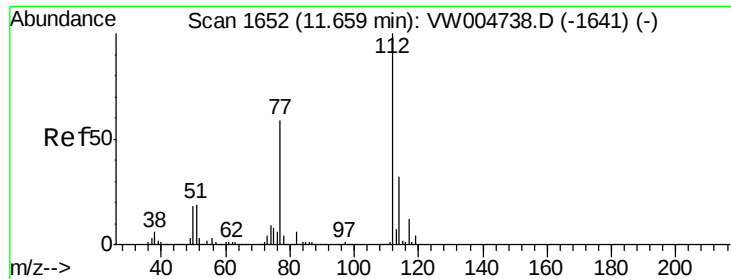
apatel
8/21/2018 11:32:28 AM



#64
Tetrachloroethene
Concen: 51.92 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	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





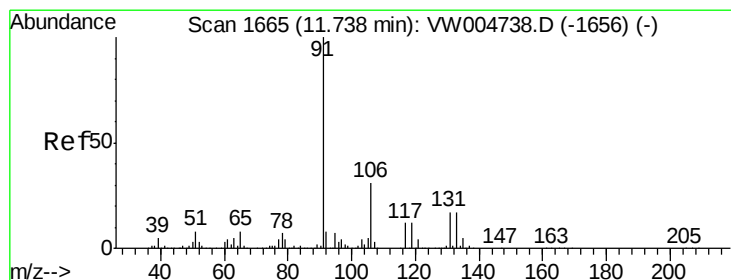
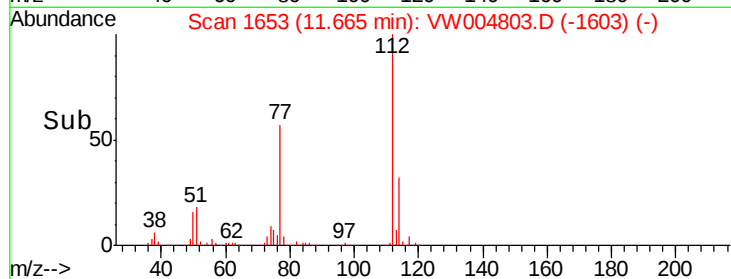
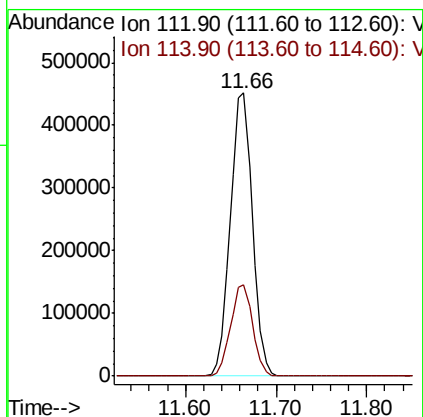
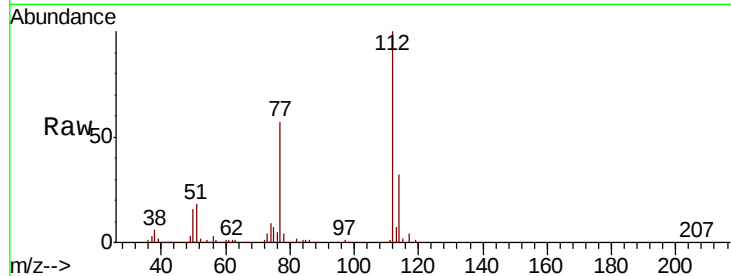
#65
Chlorobenzene
Concen: 49.36 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.4	38.2

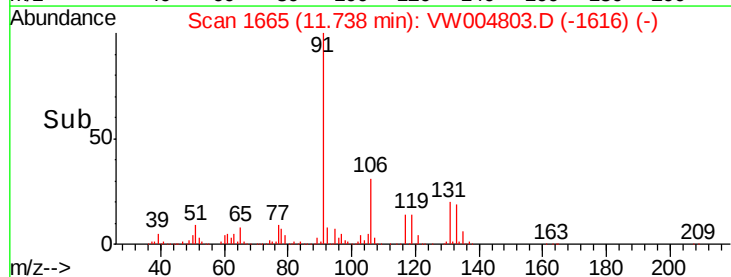
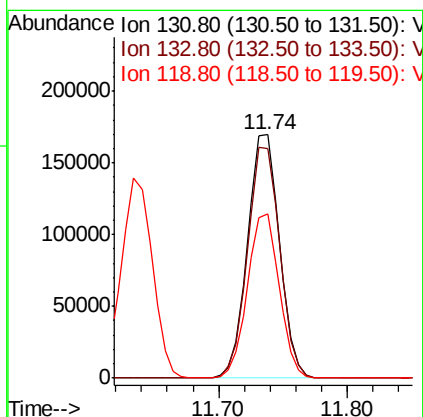
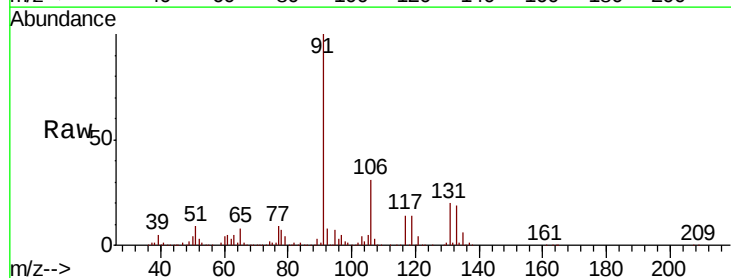
Manual Integrations
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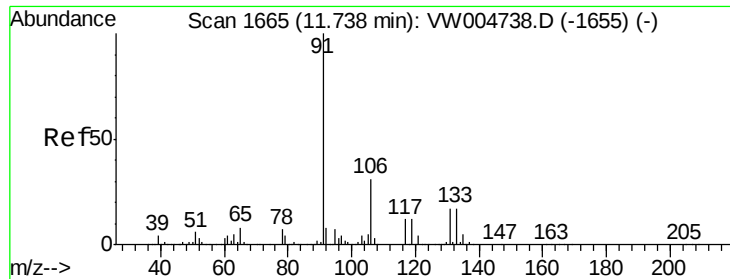
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.56 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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





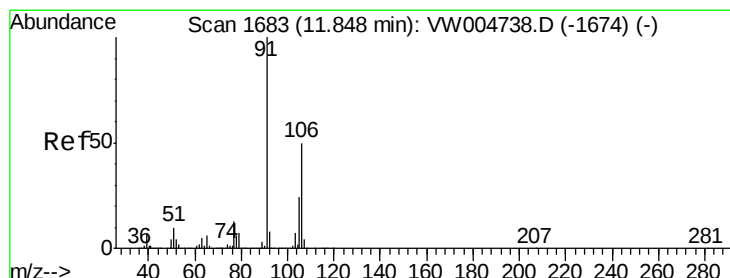
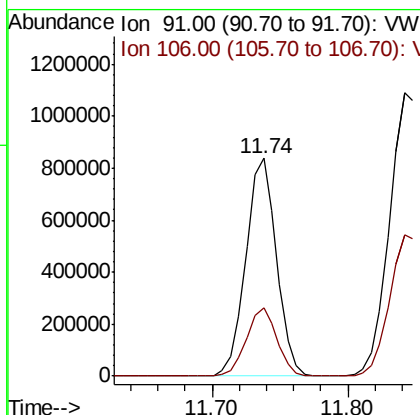
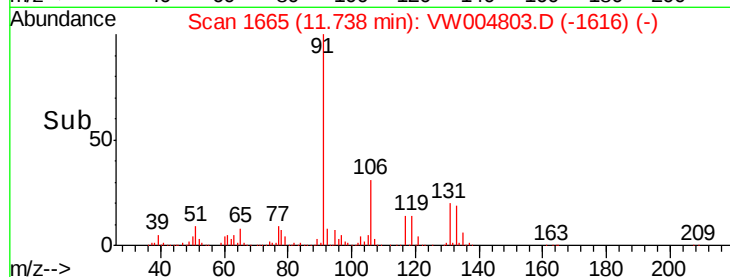
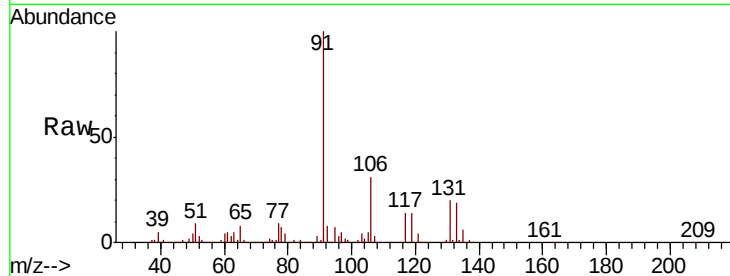
#67
Ethyl Benzene
Concen: 50.46 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

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

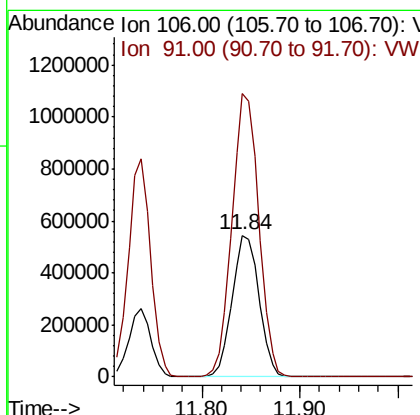
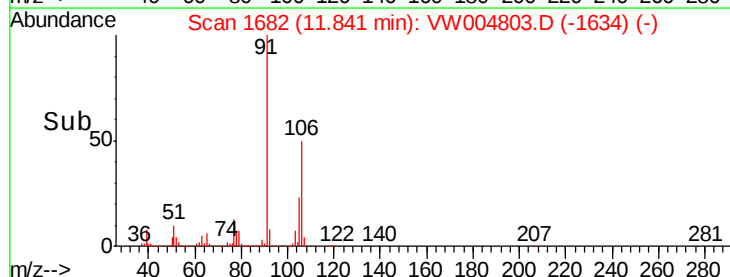
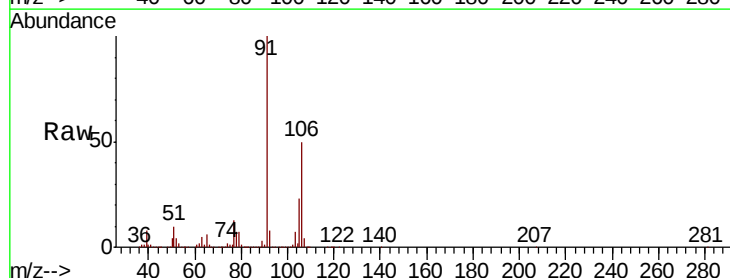
Manual Integrations
APPROVED

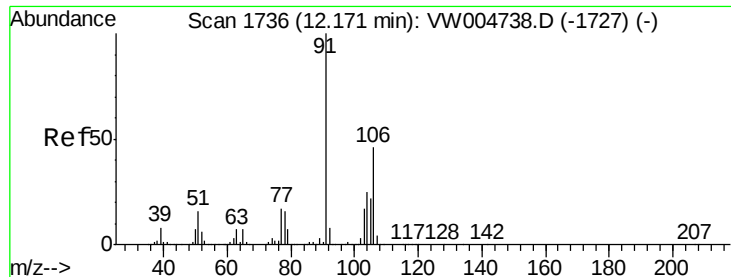
apatel
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#68
m/p-Xylenes
Concen: 101.63 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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





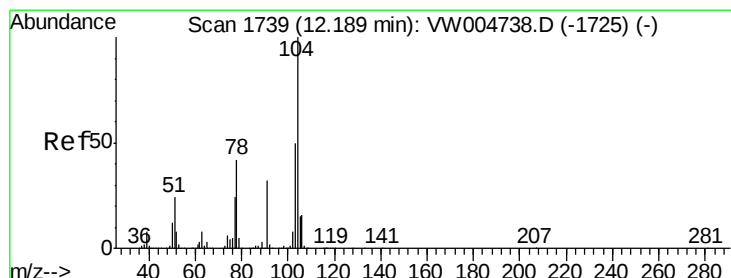
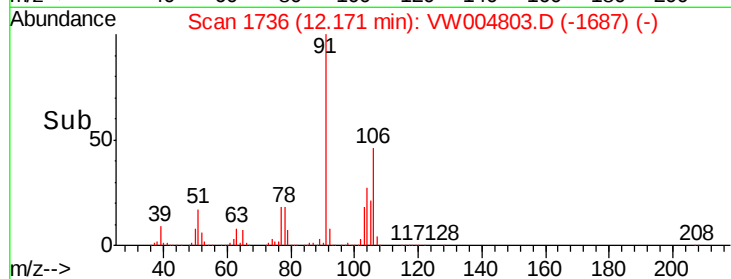
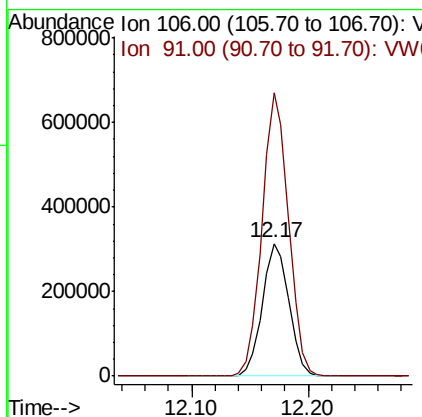
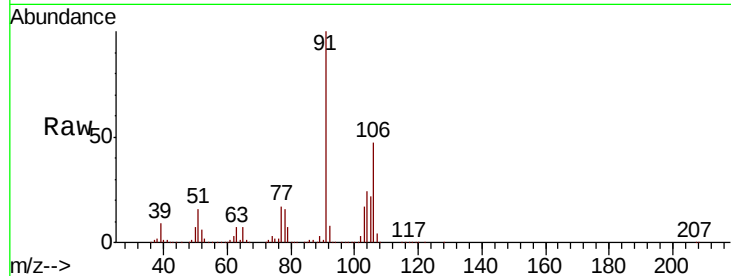
#69
o-Xylene
Concen: 52.35 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

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

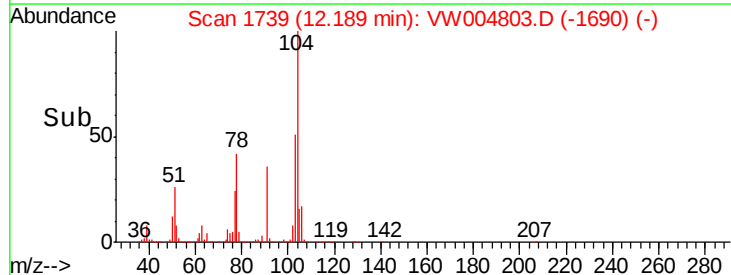
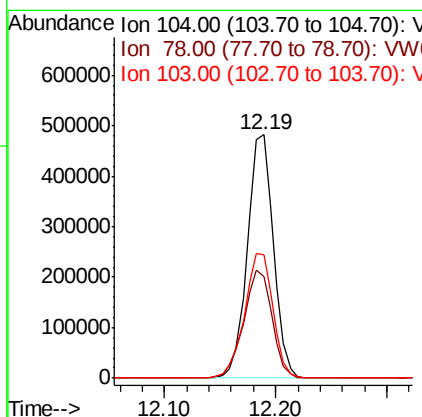
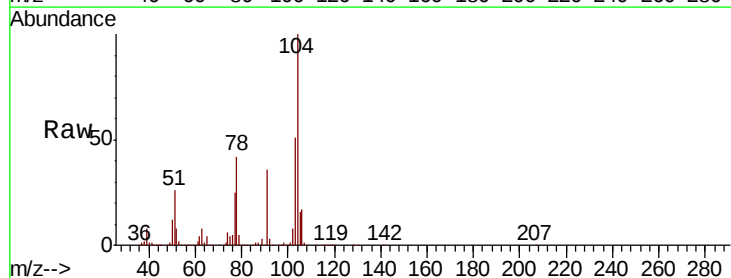
Manual Integrations
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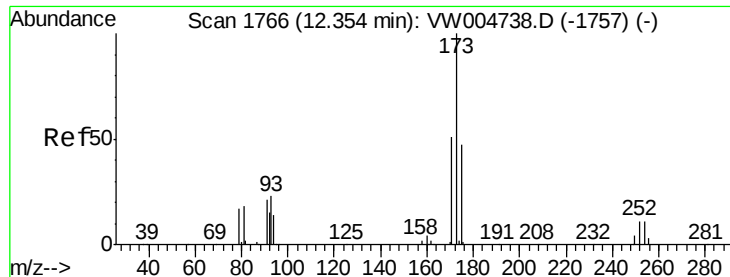
apatel
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#70
Styrene
Concen: 49.64 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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





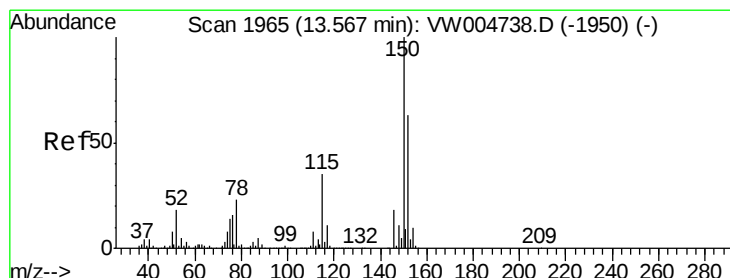
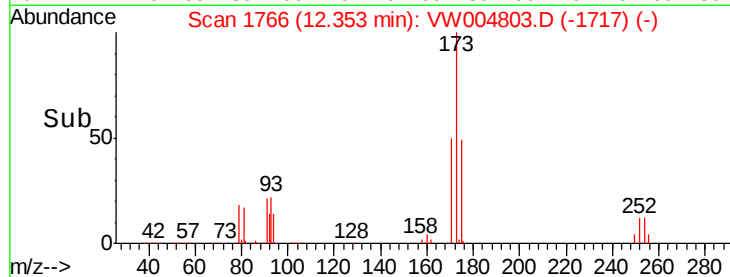
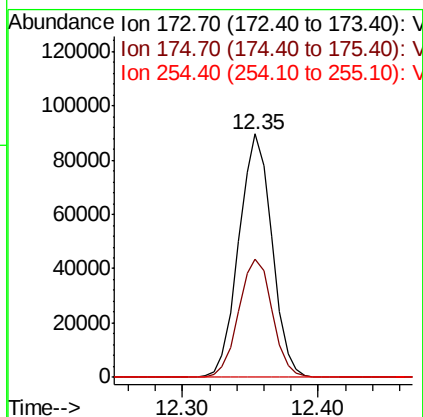
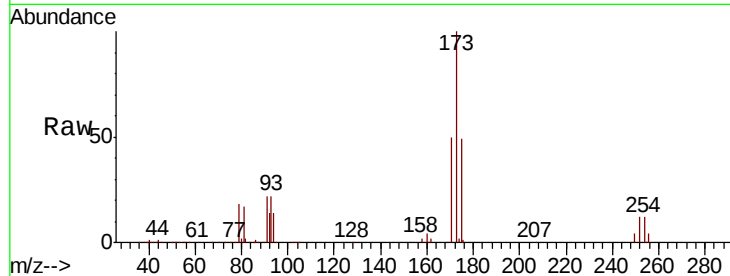
#71
Bromoform
Concen: 55.24 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

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

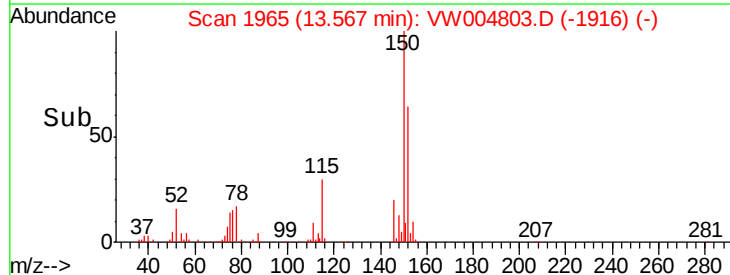
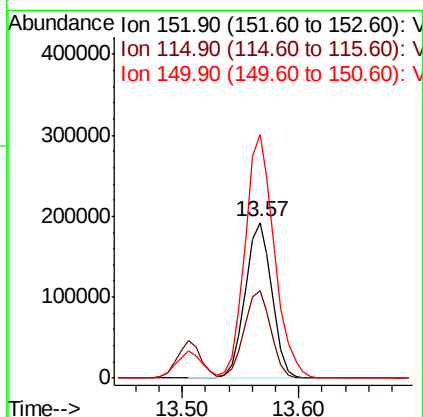
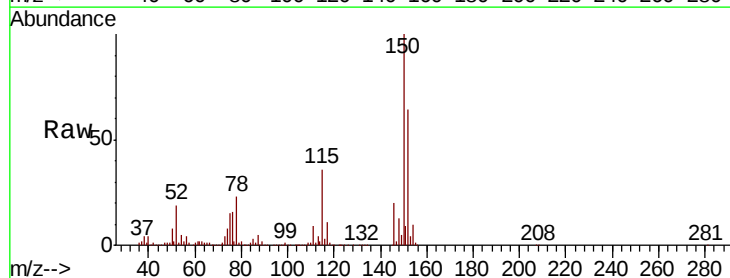
Manual Integrations
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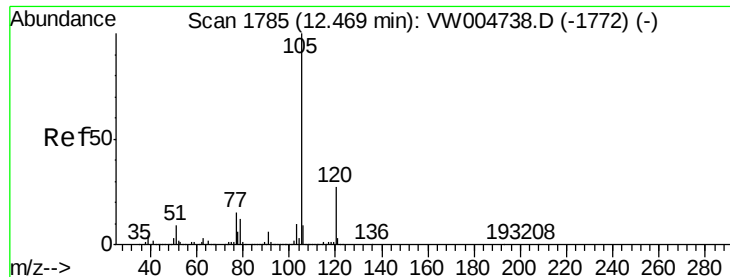
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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





#73

Isopropylbenzene

Concen: 58.85 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

Tot Ion:105 Resp: 1223932

Ion Ratio Lower Upper

105 100

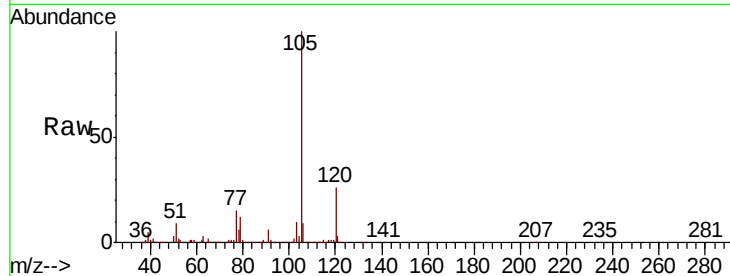
120 26.5 13.3 39.9

Manual Integrations

APPROVED

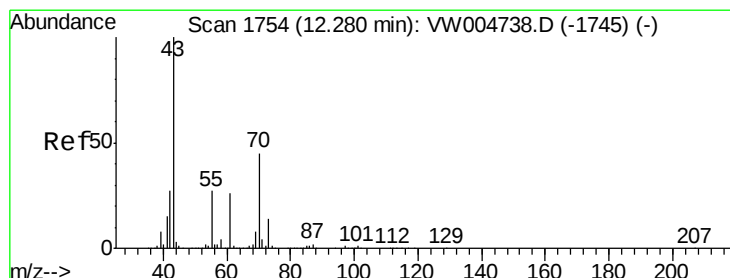
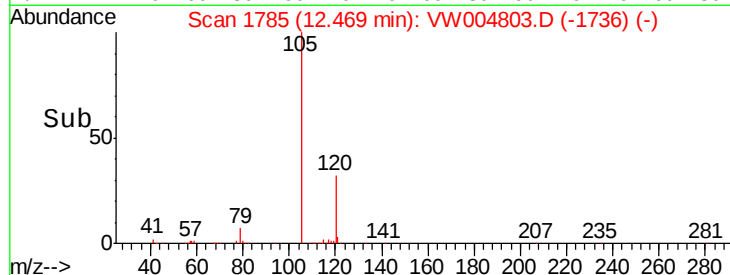
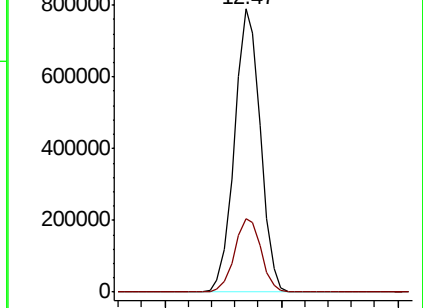
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.51 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

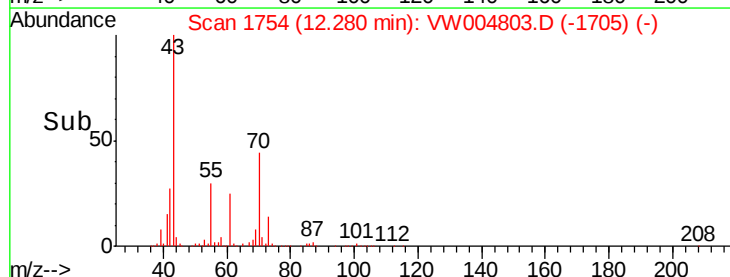
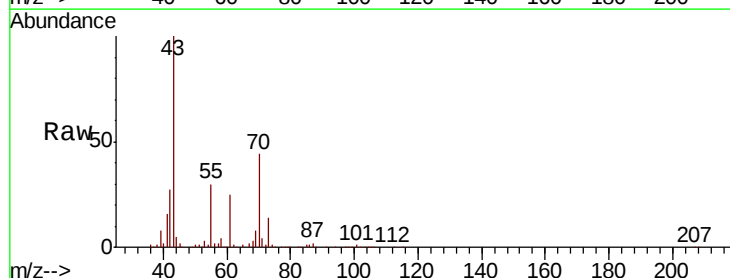
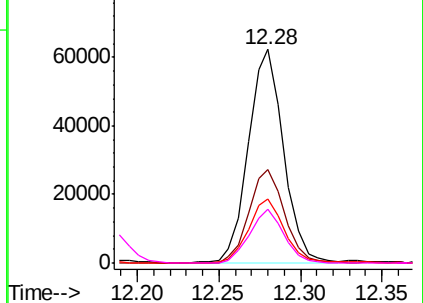
61 24.9 20.2 30.4

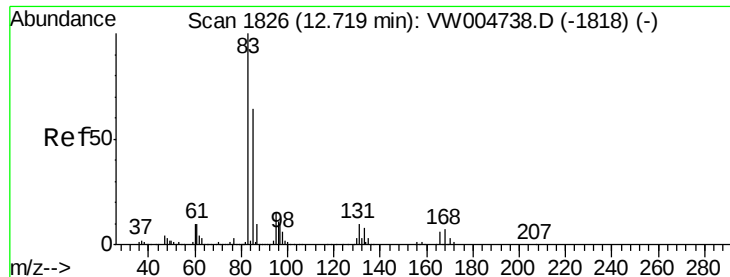
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 73.63 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

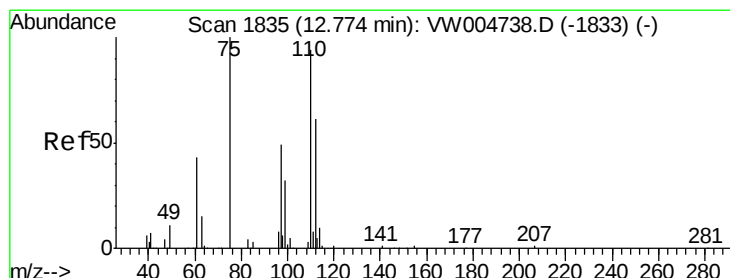
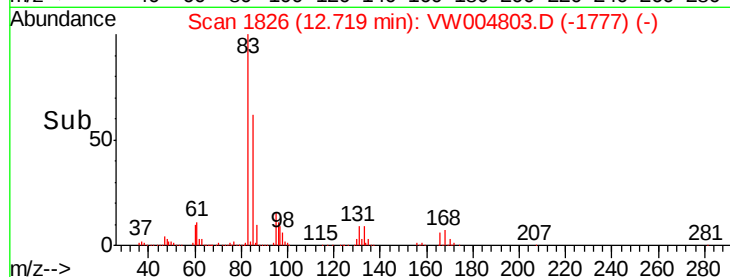
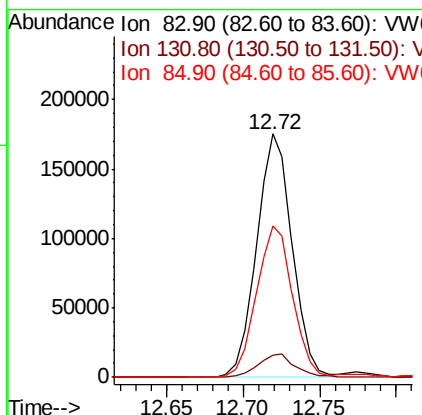
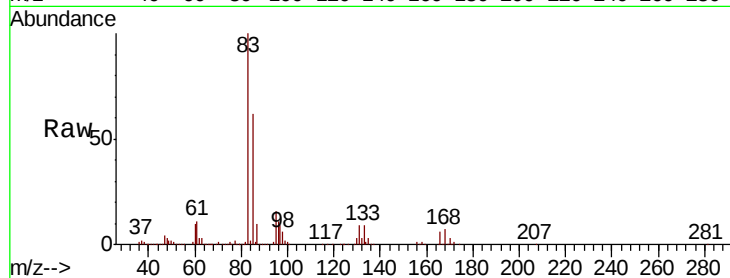
ClientSampled :

LSB-07(0-1)MS

Tot Ion:	83	Resp:	283677
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.3	15.8
85	63.3	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 68.13 ug/l m

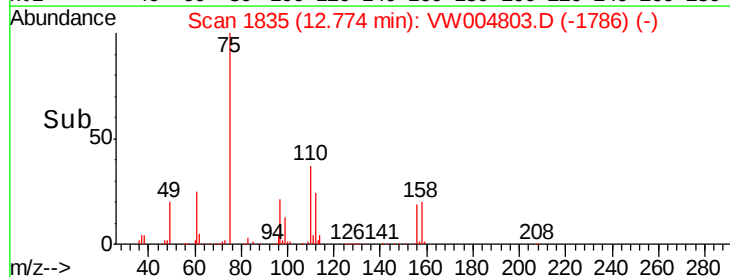
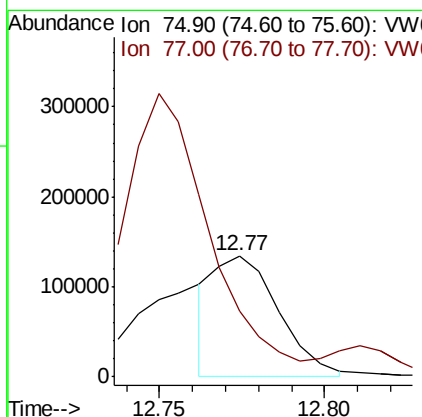
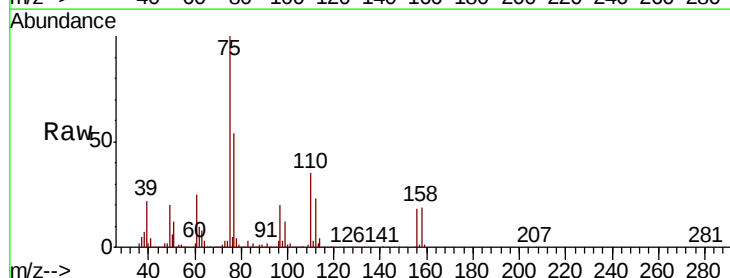
RT: 12.77 min Scan# 1835

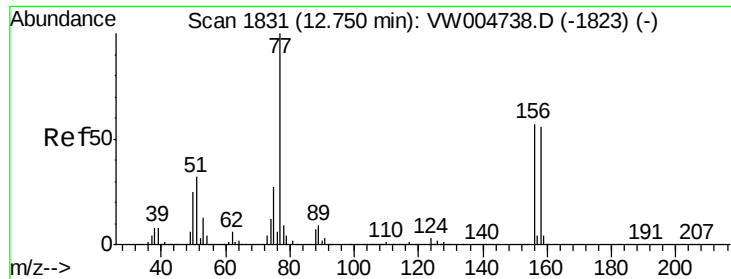
Delta R.T. -0.00 min

Lab File: VW004803.D

Acq: 20 Aug 2018 20:28

Tgt Ion:	75	Resp:	183602
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 58.66 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

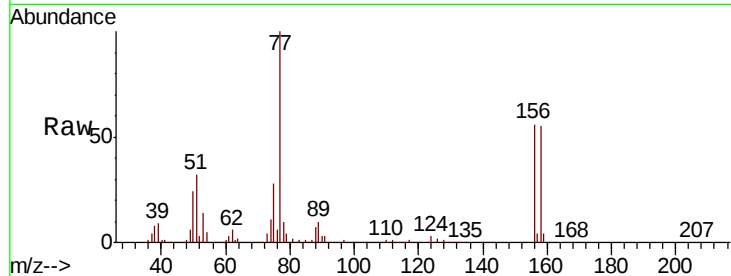
ClientSampleId :

LSB-07(0-1)MS

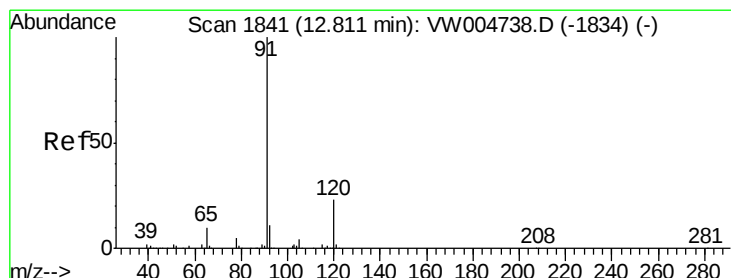
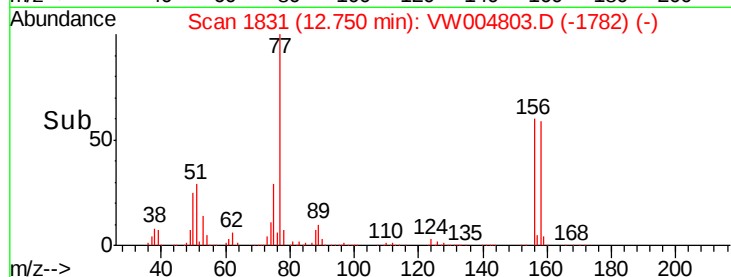
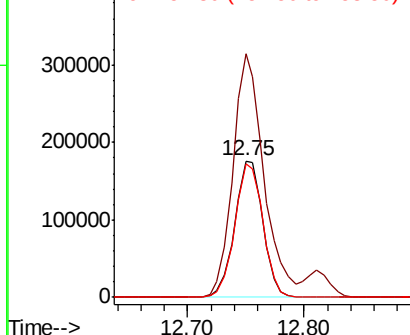
Tot Ion:	156	Resp:	295295
Ion Ratio	Lower	Upper	
156	100		
77	195.6	94.2	282.4
158	98.1	48.6	145.9

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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: 53.23 ug/l

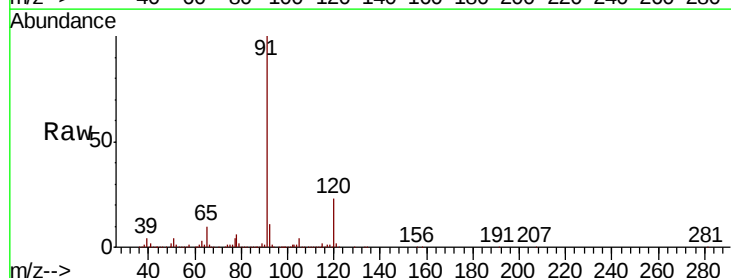
RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

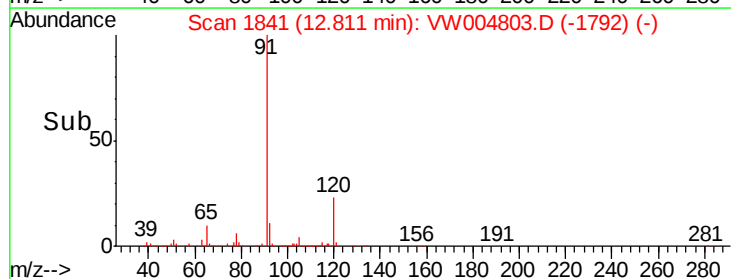
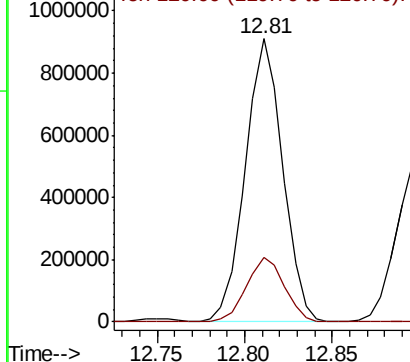
Lab File: VW004803.D

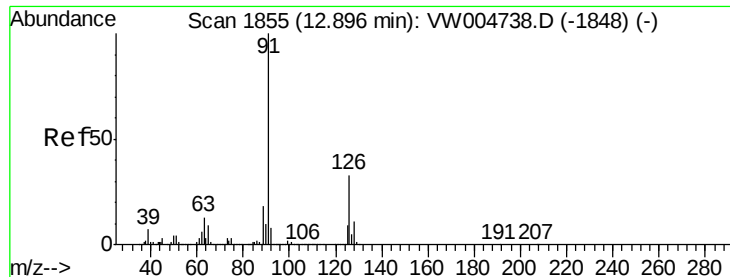
Acq: 20 Aug 2018 20:28

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: 55.83 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

ClientSampled :

LSB-07(0-1)MS

Tot Ion: 91 Resp: 816746

Ion Ratio Lower Upper

91 100

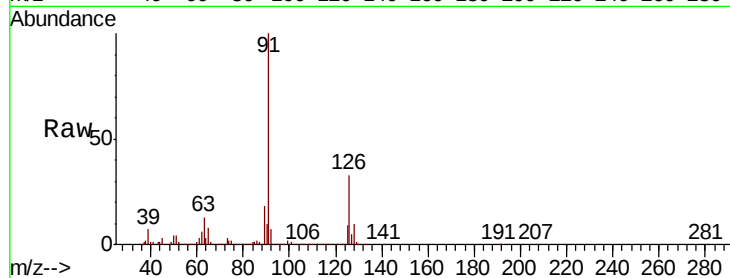
126 33.8 17.0 51.0

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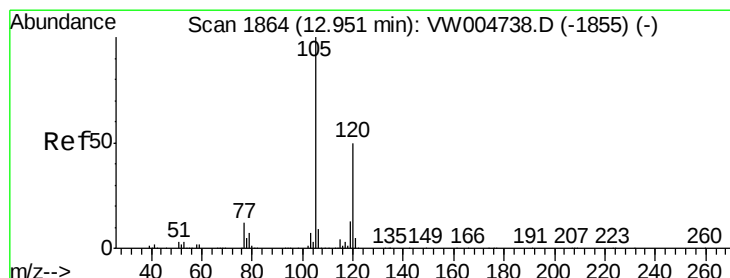
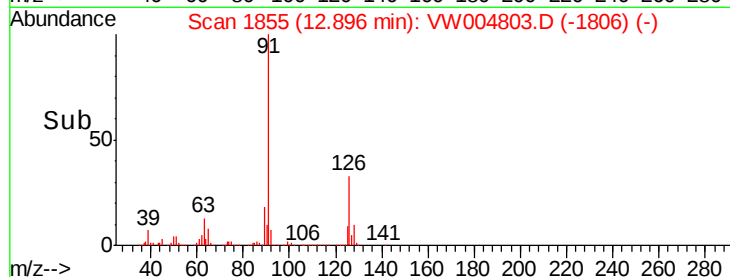
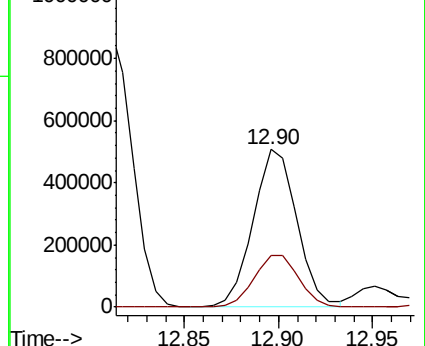
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 56.32 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004803.D

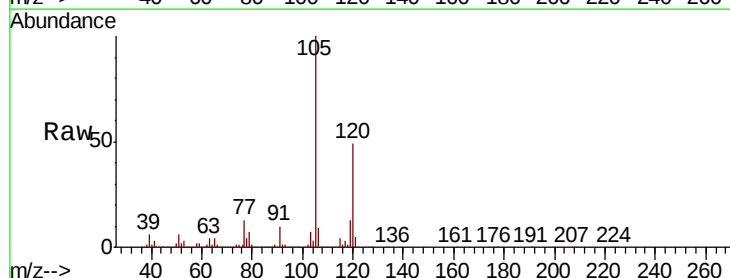
Acq: 20 Aug 2018 20:28

Tgt Ion:105 Resp: 995098

Ion Ratio Lower Upper

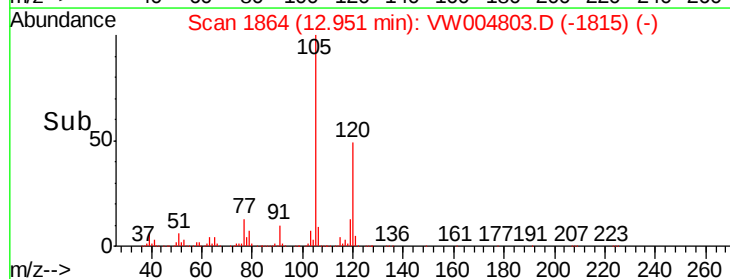
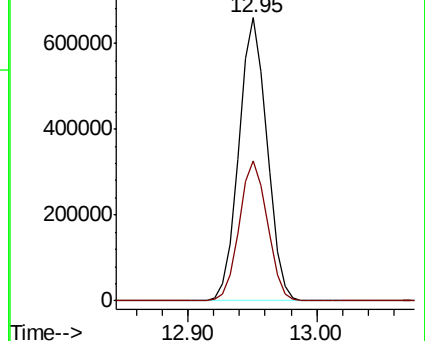
105 100

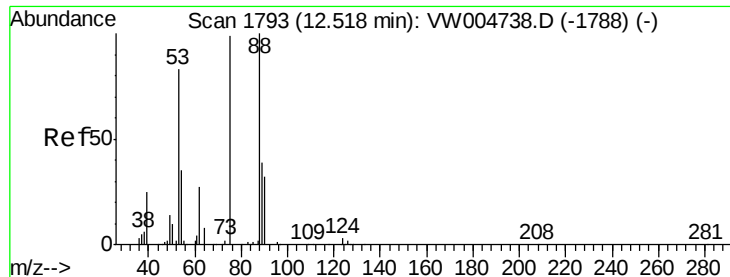
120 49.3 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 66.66 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

Tot Ion: 75 Resp: 77289

Ion Ratio Lower Upper

75 100

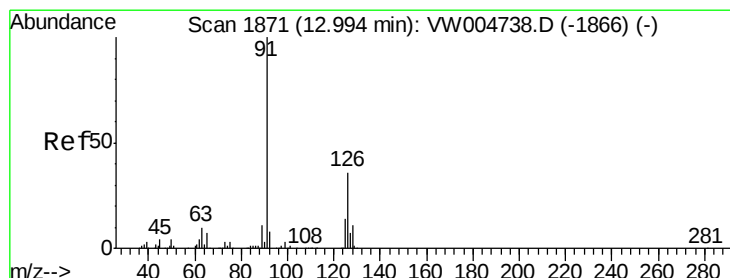
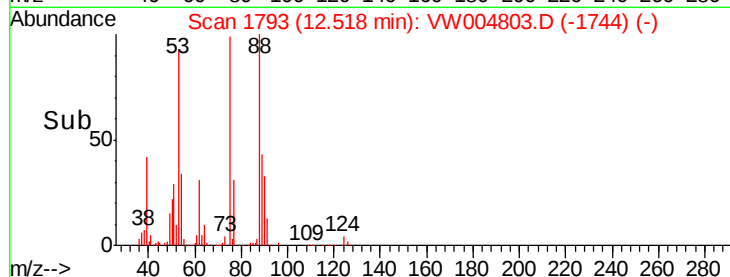
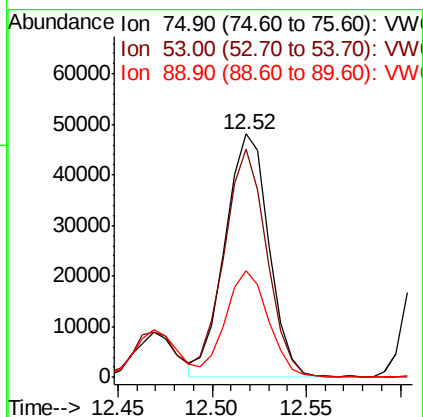
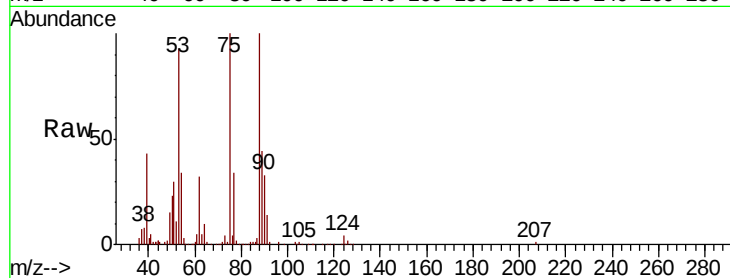
53 92.3 72.2 108.4

89 42.7 35.2 52.8

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#82

4-Chlorotoluene

Concen: 52.73 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004803.D

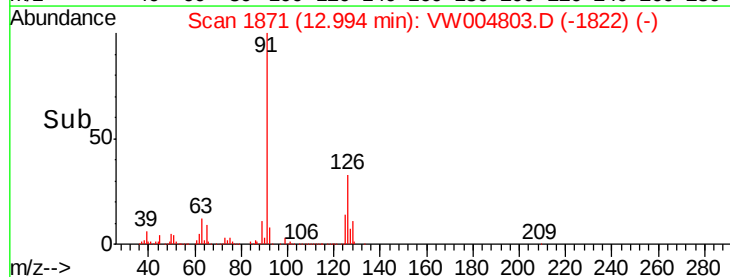
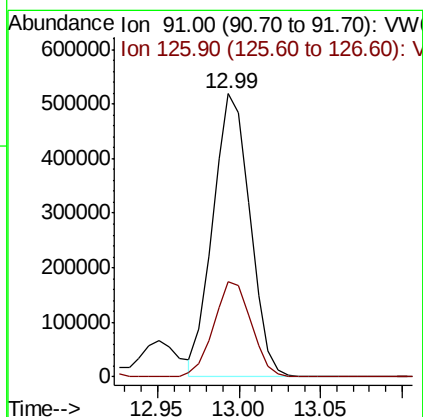
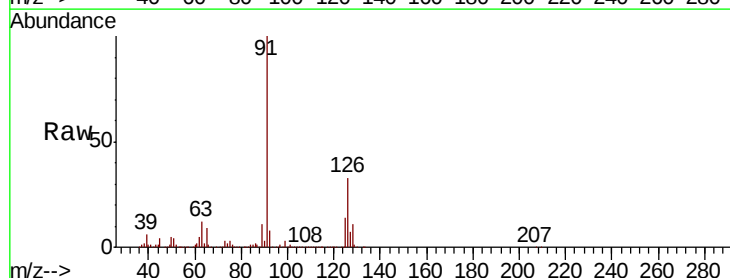
Acq: 20 Aug 2018 20:28

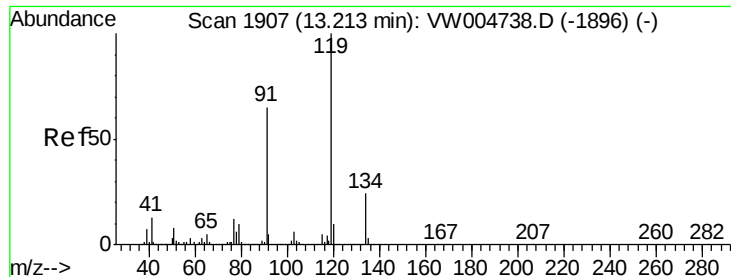
Tgt Ion: 91 Resp: 819470

Ion Ratio Lower Upper

91 100

126 34.1 16.9 50.7





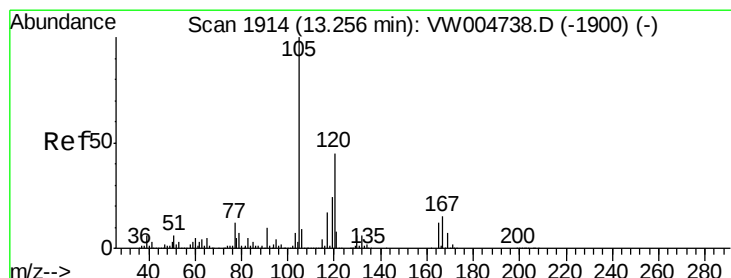
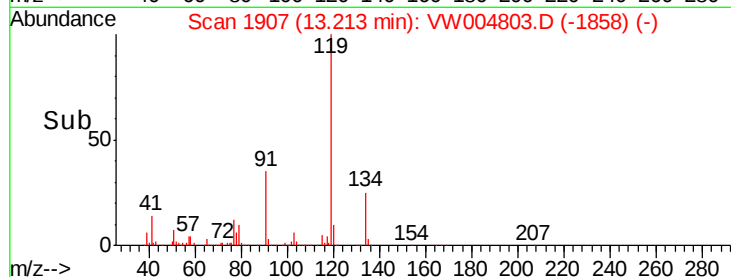
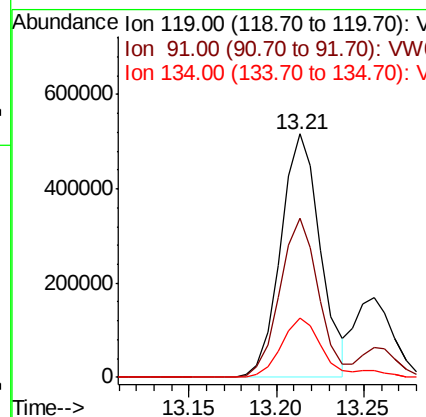
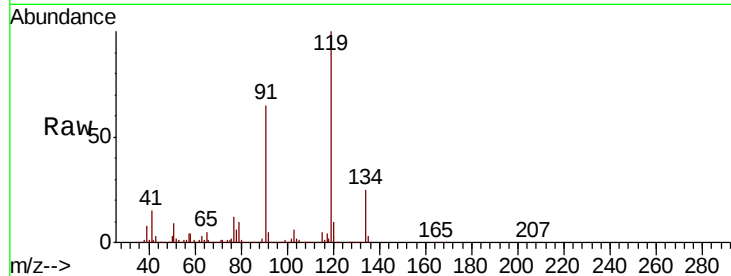
#83
tert-Butylbenzene
Concen: 54.16 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

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

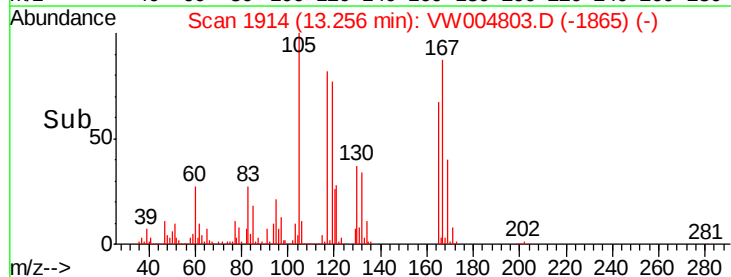
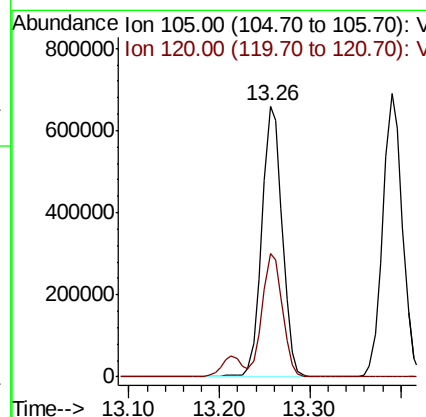
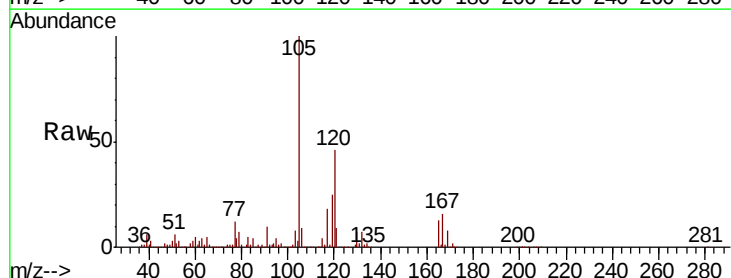
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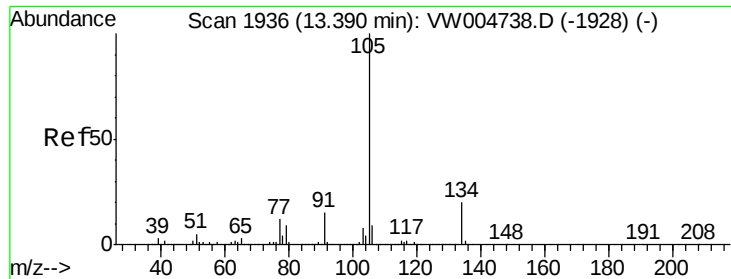
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#84
1,2,4-Trimethylbenzene
Concen: 56.28 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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





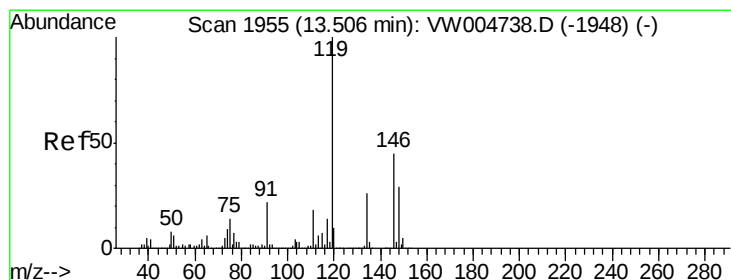
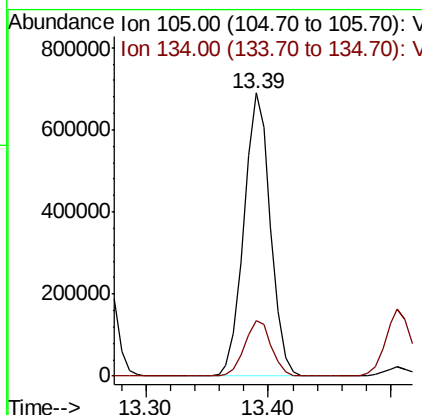
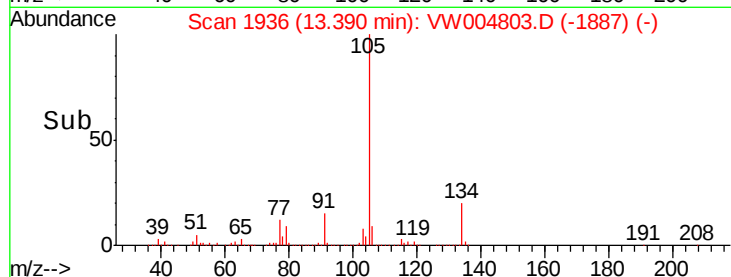
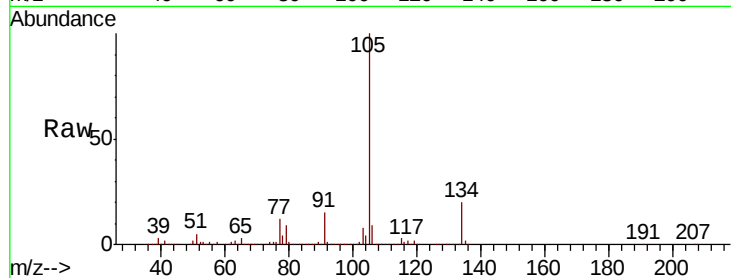
#85
 sec-Butylbenzene
 Concen: 45.72 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

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

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.0	29.8

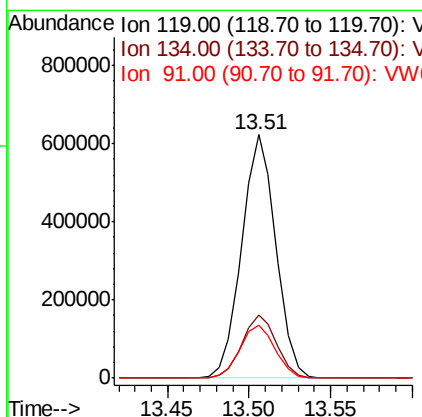
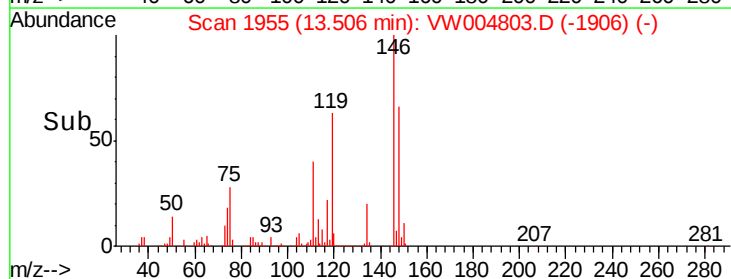
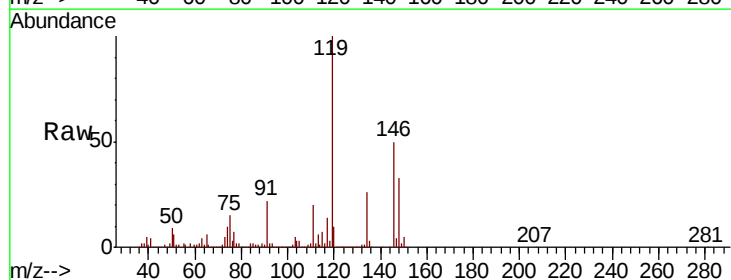
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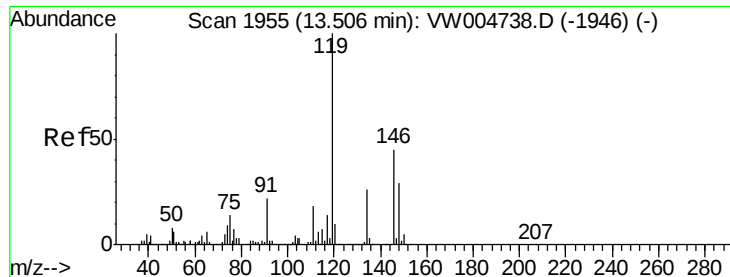
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#86
 p-Isopropyltoluene
 Concen: 46.12 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

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





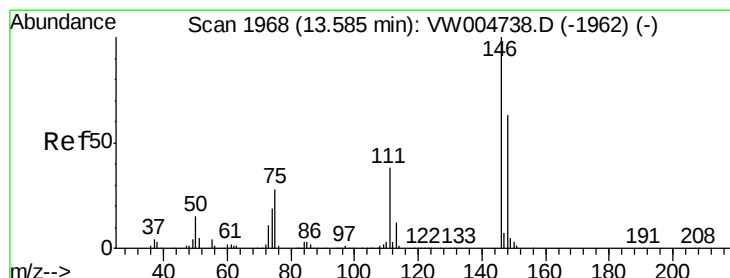
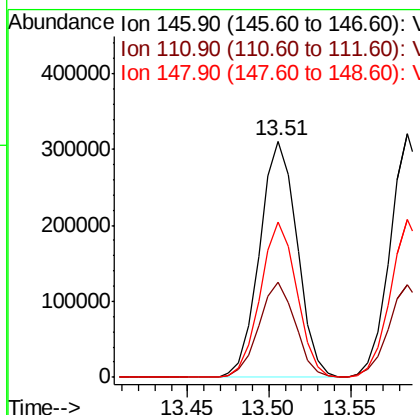
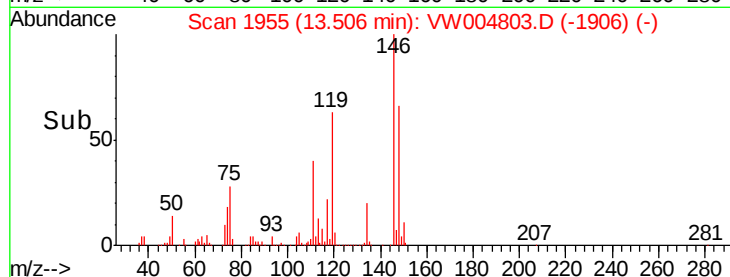
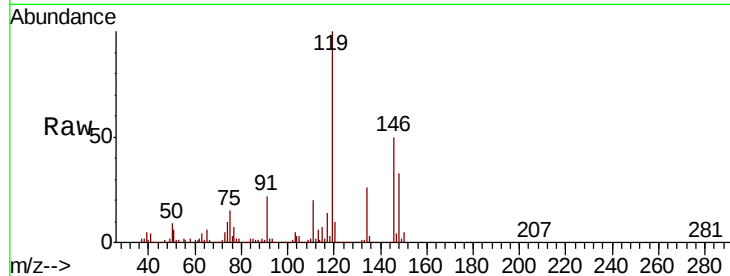
#87
 1,3-Dichlorobenzene
 Concen: 48.59 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

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

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

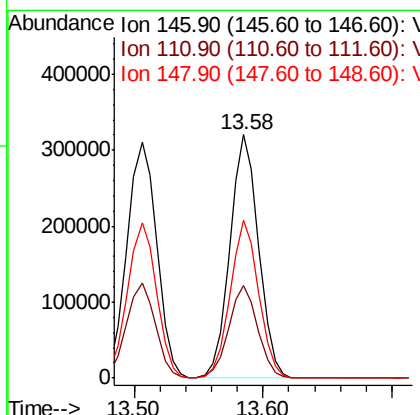
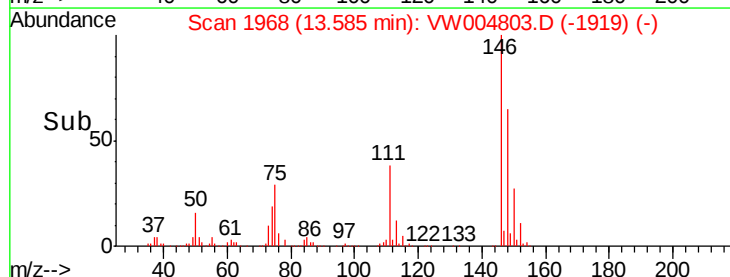
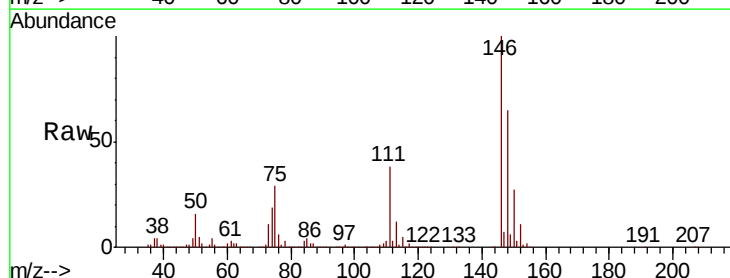
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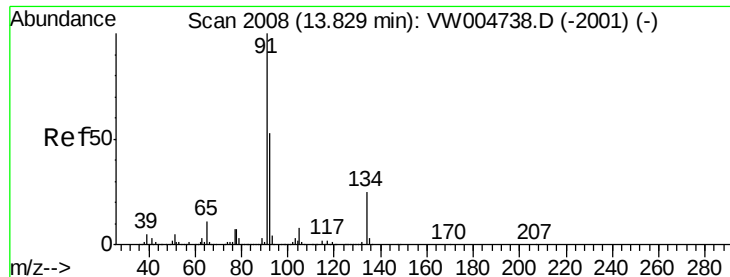
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#88
 1,4-Dichlorobenzene
 Concen: 48.58 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

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





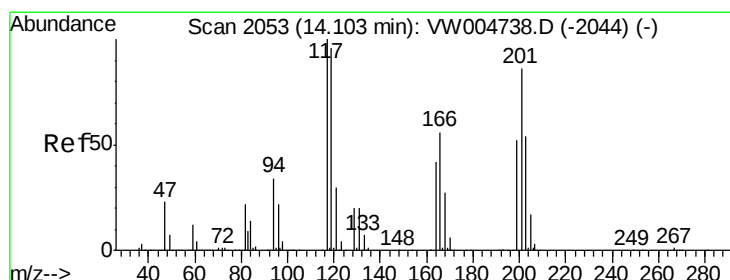
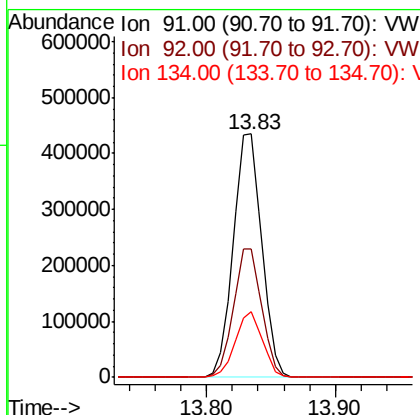
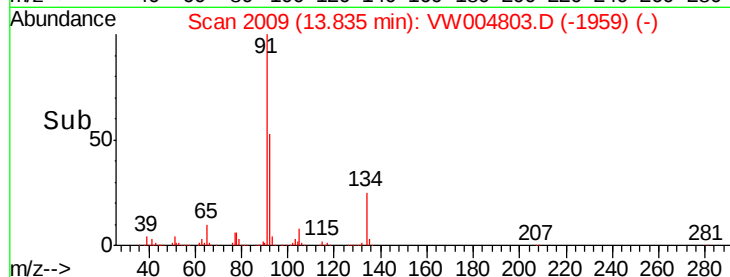
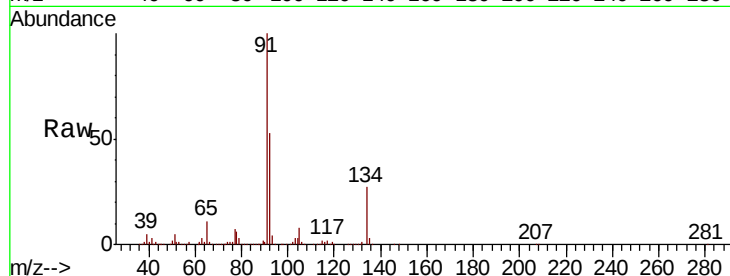
#89
n-Butylbenzene
Concen: 35.30 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.01 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

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

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.4	79.2
134	25.5	12.8	38.3

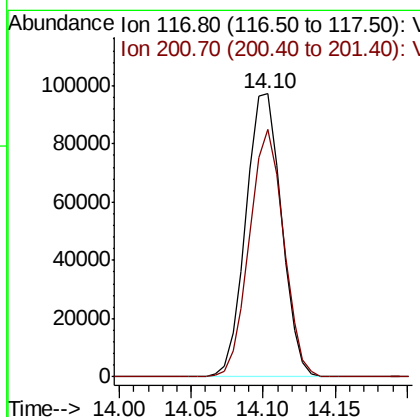
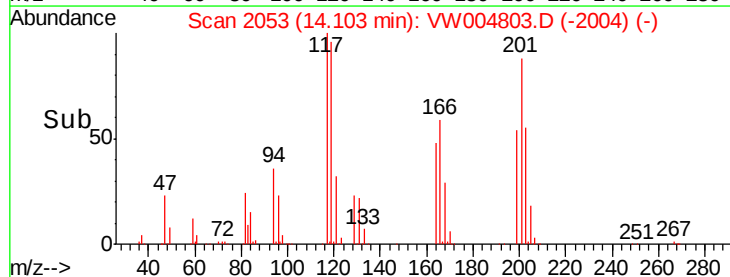
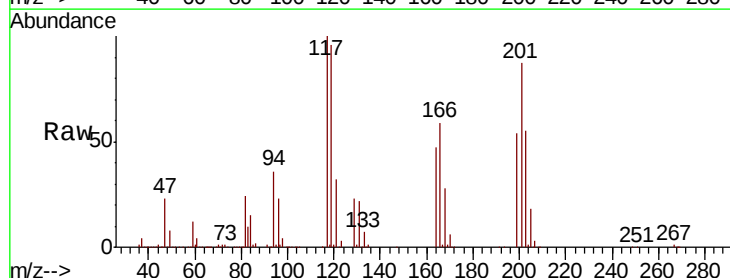
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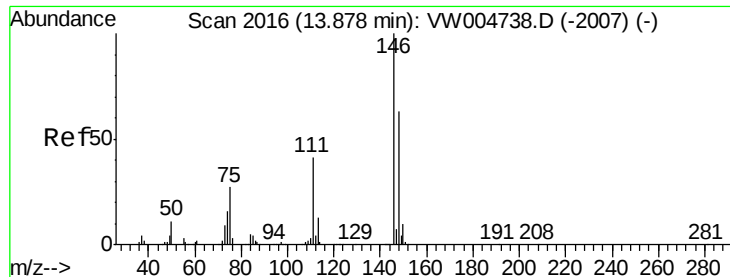
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#90
Hexachloroethane
Concen: 46.61 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. -0.00 min
Lab File: VW004803.D
Acq: 20 Aug 2018 20:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.9	42.4	127.2





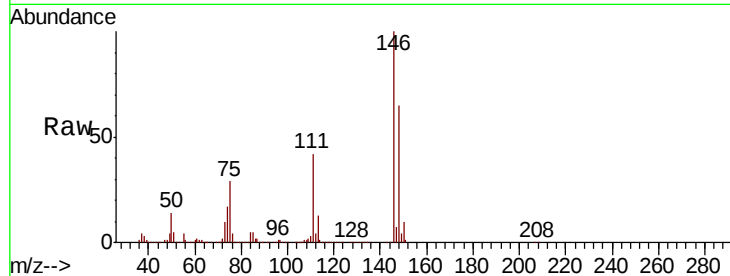
#91
 1,2-Dichlorobenzene
 Concen: 50.98 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

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

Tot Ion:	146	Resp:	468892
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.4	61.3
148	64.3	31.6	95.0

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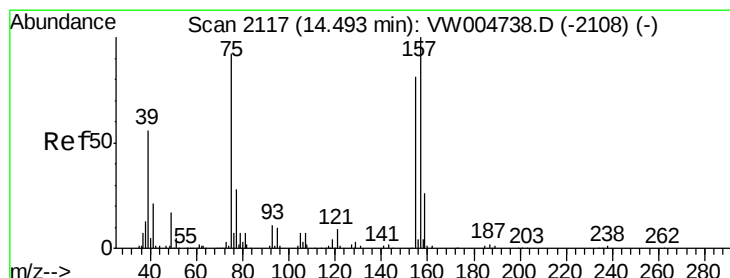
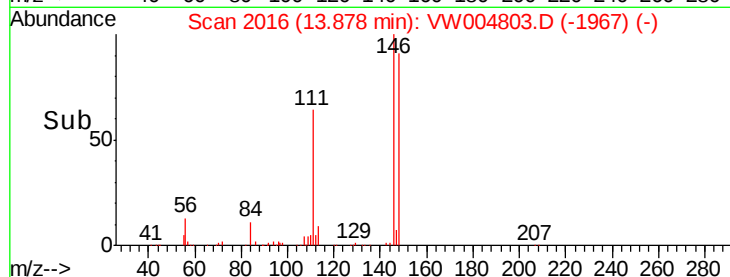
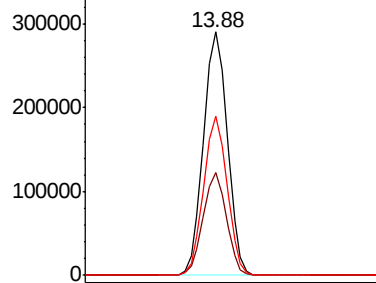


Abundance

Ion 145.90 (145.60 to 146.60): V

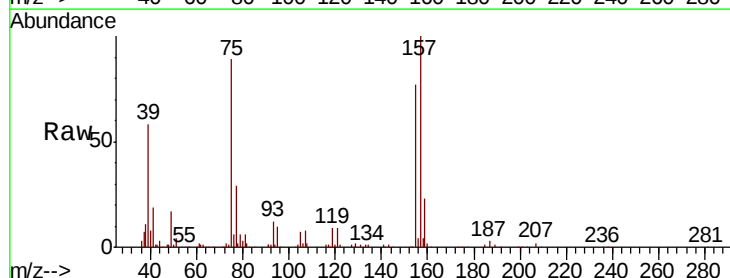
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 71.22 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:	75	Resp:	42881
Ion Ratio	Lower	Upper	
75	100		
155	83.9	43.3	129.9
157	108.0	54.5	163.6

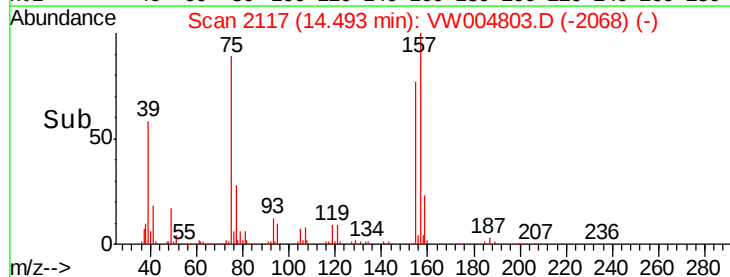
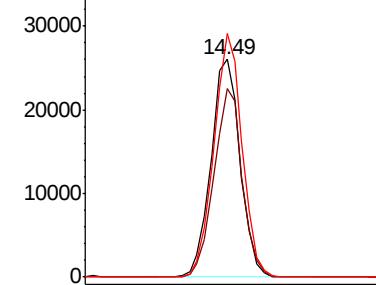


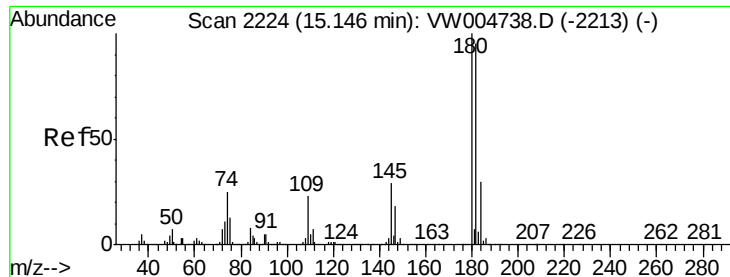
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





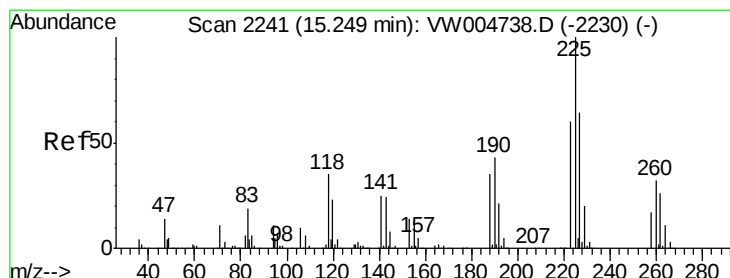
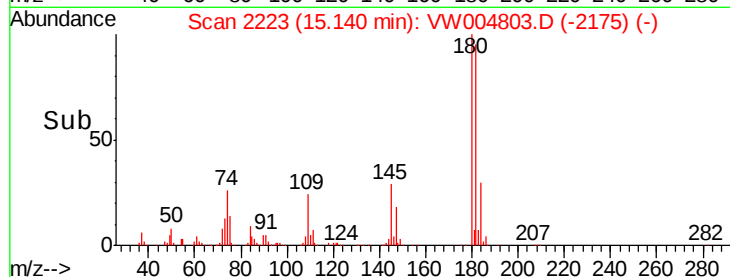
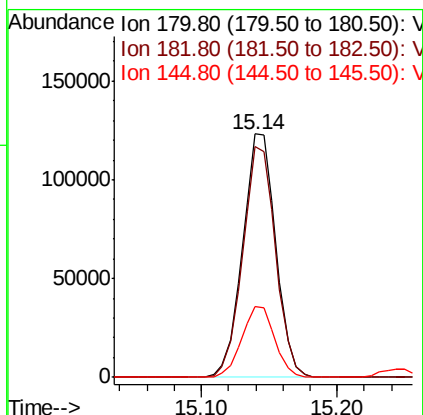
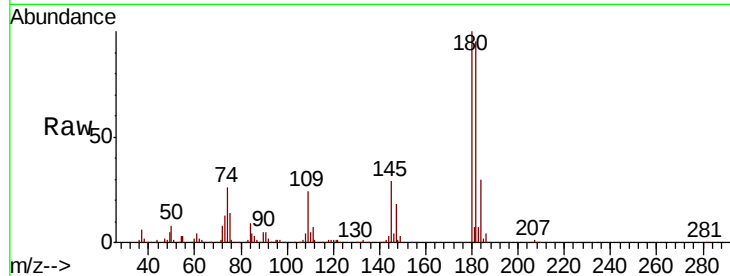
#93
 1,2,4-Trichlorobenzene
 Concen: 32.17 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004803.D
 Acq: 20 Aug 2018 20:28

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

Tot Ion	Ratio	Resp	Lower	Upper
180	100	209239		
182	94.1	47.3	141.8	
145	29.0	14.6	43.8	

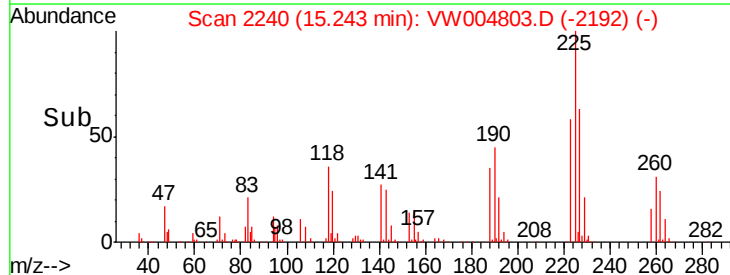
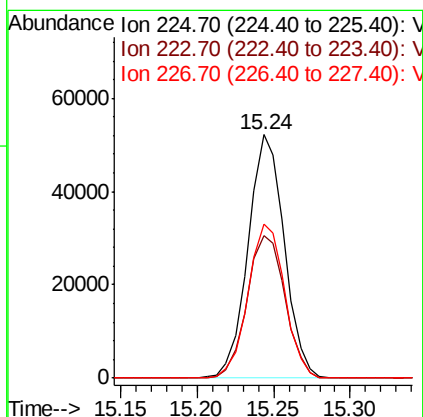
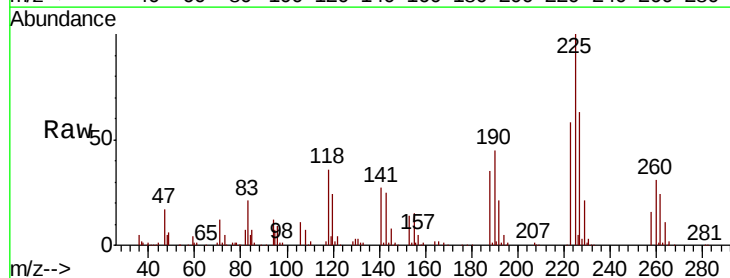
Manual Integrations
 APPROVED

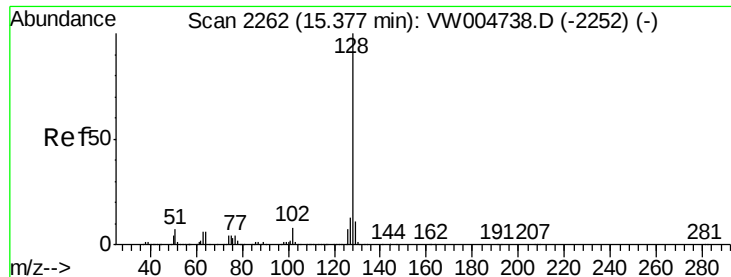
apatel
 8/21/2018 11:32:28 AM



#94
 Hexachlorobutadiene
 Concen: 21.45 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	Resp	Lower	Upper
225	100	85622		
223	61.9	30.9	92.5	
227	64.3	32.0	96.0	





#95

Naphthalene

Concen: 42.85 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

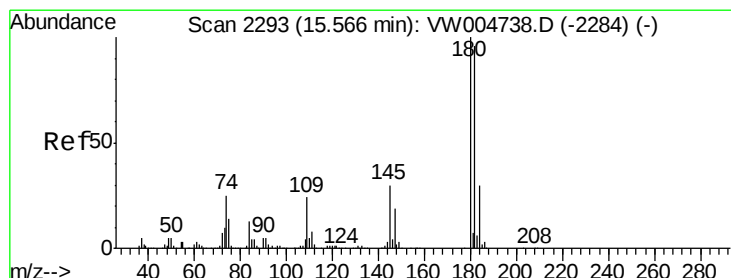
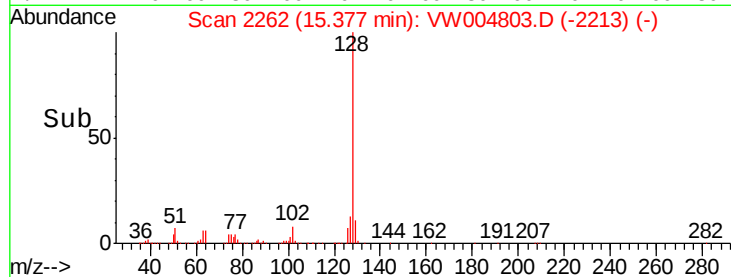
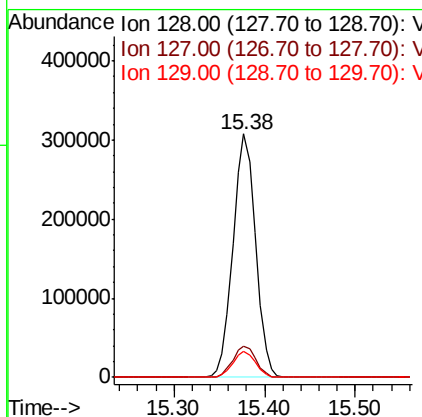
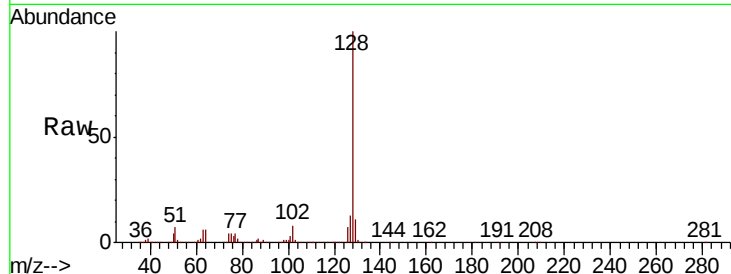
ClientSampleId :

LSB-07(0-1)MS

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

Manual Integrations
APPROVED

apatel
8/21/2018 11:32:28 AM



#96

1,2,3-Trichlorobenzene

Concen: 32.62 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

