

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081918\
 Data File : VW004739.D
 Acq On : 17 Aug 2018 17:37
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Quant Time: Aug 18 01:27:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:25:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	679635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1025148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	951603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	509277	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	464441	70.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.36%	
35) Dibromofluoromethane	7.88	113	466948	71.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.54%	
50) Toluene-d8	10.33	98	1845085	72.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.28%	
62) 4-Bromofluorobenzene	12.62	95	675674	73.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	304477	67.634	ug/l	97
3) Chloromethane	2.21	50	395313	67.161	ug/l	98
4) Vinyl Chloride	2.37	62	591958	68.324	ug/l	99
5) Bromomethane	2.78	94	364964	68.207	ug/l	99
6) Chloroethane	2.93	64	363456	69.524	ug/l	99
7) Trichlorofluoromethane	3.26	101	278018	68.115	ug/l	99
8) Diethyl Ether	3.68	74	259090	70.207	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	476879	67.850	ug/l	100
10) Methyl Iodide	4.27	142	756071	70.833	ug/l	99
11) Tert butyl alcohol	5.21	59	134932	364.700	ug/l	100
12) 1,1-Dichloroethene	4.03	96	479759	68.500	ug/l	98
13) Acrolein	3.89	56	171130	347.391	ug/l	97
14) Allyl chloride	4.67	41	753697	70.911	ug/l	100
15) Acrylonitrile	5.37	53	568844	367.557	ug/l	100
16) Acetone	4.14	43	561824	334.949	ug/l	99
17) Carbon Disulfide	4.38	76	1597170	69.392	ug/l	98
18) Methyl Acetate	4.67	43	262256	72.961	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	681713	74.982	ug/l	100
20) Methylene Chloride	4.91	84	532255	58.141	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	523395	70.236	ug/l	98
22) Diisopropyl ether	6.31	45	1505202	73.679	ug/l	98
23) Vinyl Acetate	6.26	43	4463680	386.288	ug/l	100
24) 1,1-Dichloroethane	6.21	63	926683	69.803	ug/l	100
25) 2-Butanone	7.18	43	874544	365.934	ug/l	99
26) 2,2-Dichloropropane	7.17	77	508242	66.282	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	570250	71.082	ug/l	100
28) Bromochloromethane	7.51	49	386280	69.096	ug/l	99
29) Tetrahydrofuran	7.54	42	460954	378.245	ug/l	99
30) Chloroform	7.68	83	902841	69.148	ug/l	100
31) Cyclohexane	7.96	56	867676	67.571	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	711519	68.747	ug/l	99
36) 1,1-Dichloropropene	8.09	75	737853	69.867	ug/l	100
37) Ethyl Acetate	7.26	43	307777	73.109	ug/l	99
38) Carbon Tetrachloride	8.07	117	670544	68.977	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	973018	73.674	ug/l	96
40) Benzene	8.32	78	2161567	70.428	ug/l	99
41) Methacrylonitrile	7.49	41	178686	74.790	ug/l	95
42) 1,2-Dichloroethane	8.40	62	555794	70.619	ug/l	100
43) Isopropyl Acetate	8.43	43	570135	75.396	ug/l	99
44) Trichloroethene	9.09	130	539419	69.237	ug/l	98
45) 1,2-Dichloropropane	9.37	63	529099	70.476	ug/l	99
46) Dibromomethane	9.46	93	263594	70.872	ug/l	100
47) Bromodichloromethane	9.65	83	633221	71.288	ug/l	99
48) Methyl methacrylate	9.44	41	271868	76.620	ug/l	100
49) 1,4-Dioxane	9.47	88	84076	1547.252	ug/l #	83
51) 4-Methyl-2-Pentanone	10.21	43	1952414	382.029	ug/l	100
52) Toluene	10.39	92	1310206	71.179	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	666607	74.487	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	781887	73.286	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	376655	71.243	ug/l	99
56) Ethyl methacrylate	10.65	69	491872	78.758	ug/l	100
57) 1,3-Dichloropropane	10.94	76	657988	72.100	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1138787	390.030	ug/l	99
59) 2-Hexanone	10.98	43	1329039	383.804	ug/l	99
60) Dibromochloromethane	11.13	129	433006	73.000	ug/l	100
61) 1,2-Dibromoethane	11.24	107	360445	71.324	ug/l	99
64) Tetrachloroethene	10.87	164	450889	69.331	ug/l	99
65) Chlorobenzene	11.66	112	1438031	70.211	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	494162	71.456	ug/l	99
67) Ethyl Benzene	11.74	91	2536185	73.043	ug/l	99
68) m/p-Xylenes	11.85	106	1981178	146.659	ug/l	100
69) o-Xylene	12.17	106	938999	75.086	ug/l	98
70) Styrene	12.19	104	1581973	75.308	ug/l	100
71) Bromoform	12.35	173	266242	72.940	ug/l #	98
73) Isopropylbenzene	12.47	105	2562222	73.953	ug/l	100
74) N-amyl acetate	12.28	43	559632	77.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	462509	72.062	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	602045	79.810	ug/l #	100
77) Bromobenzene	12.75	156	599986	71.544	ug/l	99
78) n-propylbenzene	12.81	91	3109076	73.538	ug/l	99
79) 2-Chlorotoluene	12.90	91	1758227	72.148	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	2194952	74.571	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	147359	76.292	ug/l	99
82) 4-Chlorotoluene	12.99	91	1868256	72.153	ug/l	99
83) tert-Butylbenzene	13.21	119	1894344	75.243	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2245413	74.147	ug/l	100
85) sec-Butylbenzene	13.39	105	2784688	74.084	ug/l	100
86) p-Isopropyltoluene	13.51	119	2450124	74.914	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1217785	71.390	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1199514	70.348	ug/l	100
89) n-Butylbenzene	13.83	91	2363976	74.758	ug/l	99
90) Hexachloroethane	14.10	117	431062	72.308	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	1089343	71.099	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	75040	74.809	ug/l	99

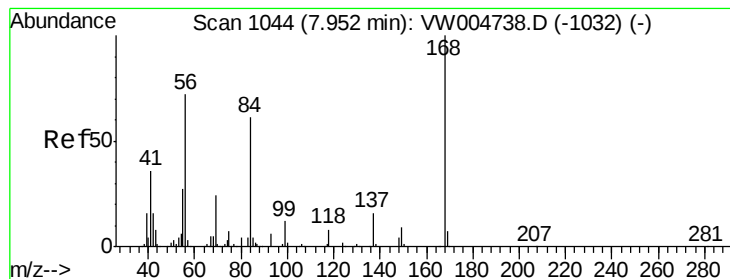
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081918\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	807225	74.491	ug/l	99
94) Hexachlorobutadiene	15.24	225	482336	72.516	ug/l	99
95) Naphthalene	15.38	128	1500174	80.049	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	723867	75.326	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

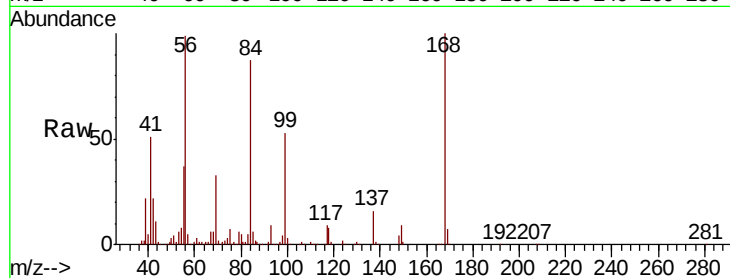
VSTDIC075

Tgt Ion:168 Resp: 679635

Ion Ratio Lower Upper

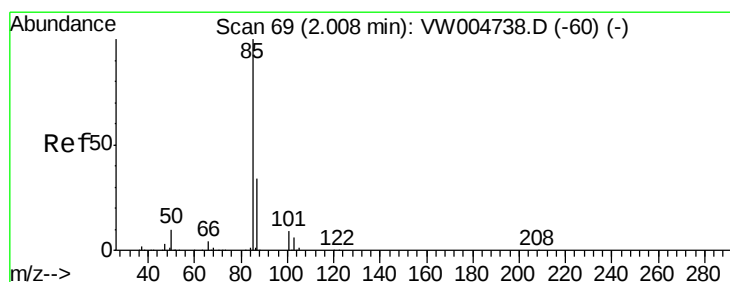
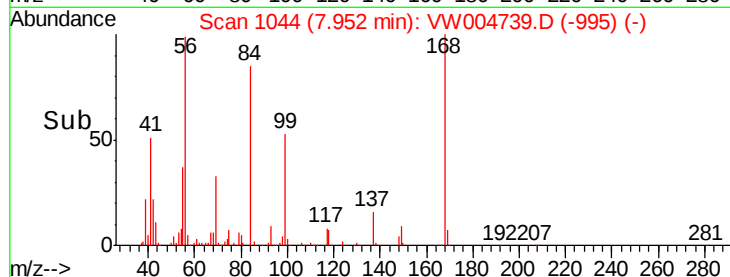
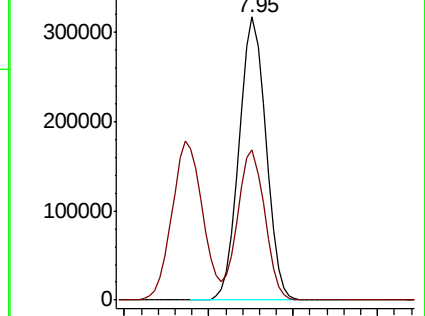
168 100

99 52.8 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 67.634 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004739.D

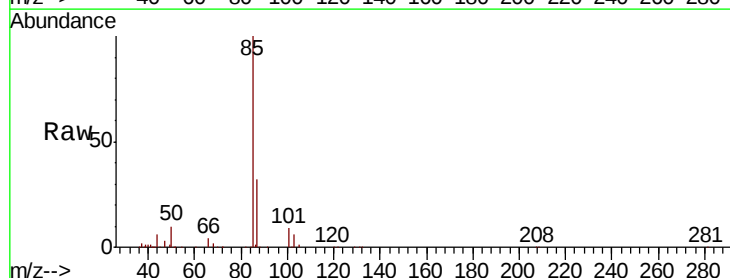
Acq: 17 Aug 2018 17:37

Tgt Ion: 85 Resp: 304477

Ion Ratio Lower Upper

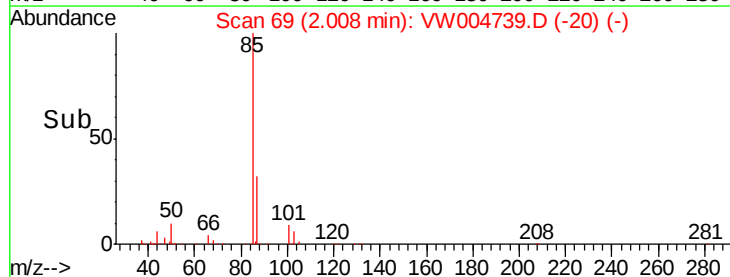
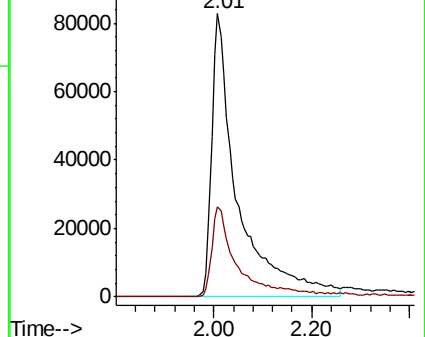
85 100

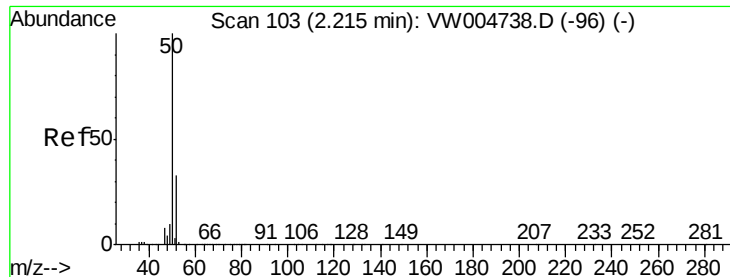
87 31.8 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 67.161 ug/l

RT: 2.21 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

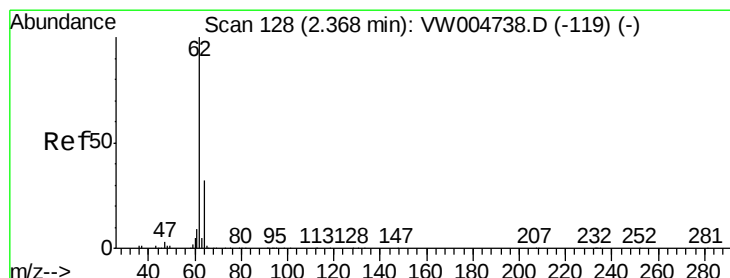
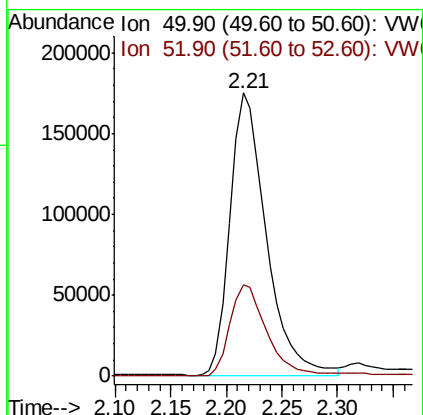
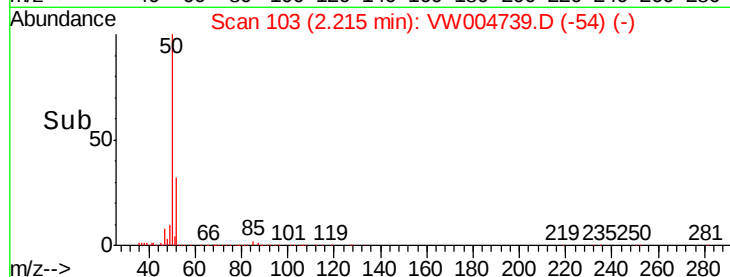
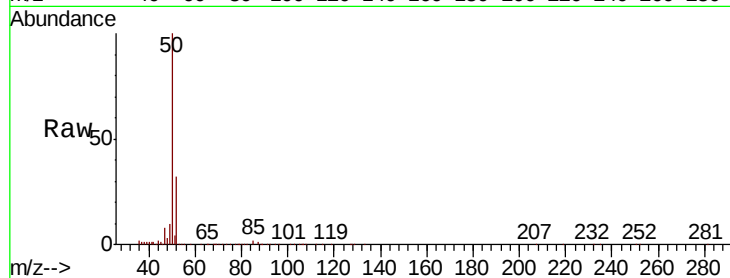
VSTDIC075

Tgt Ion: 50 Resp: 395313

Ion Ratio Lower Upper

50 100

52 32.2 26.7 40.1



#4

Vinyl Chloride

Concen: 68.324 ug/l

RT: 2.37 min Scan# 129

Delta R.T. 0.01 min

Lab File: VW004739.D

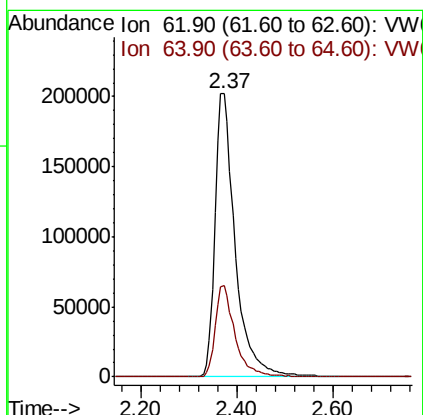
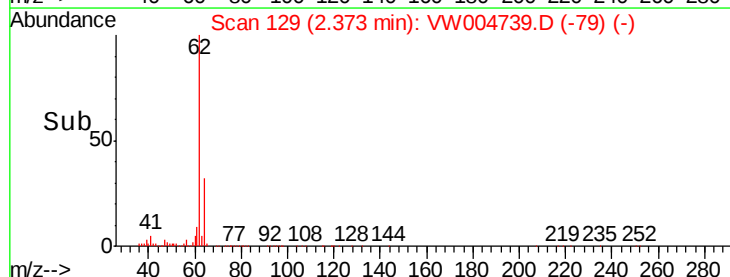
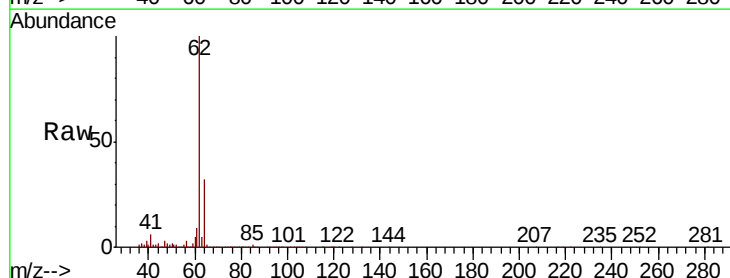
Acq: 17 Aug 2018 17:37

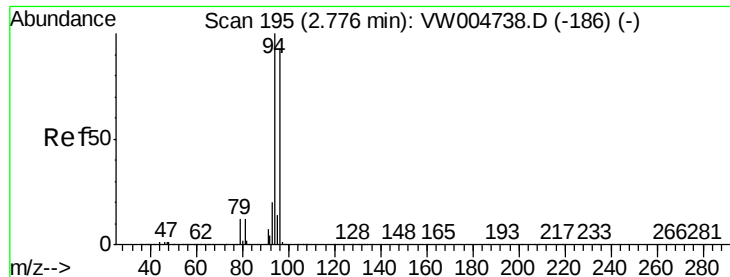
Tgt Ion: 62 Resp: 591958

Ion Ratio Lower Upper

62 100

64 32.1 25.2 37.8





#5

Bromomethane

Concen: 68.207 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

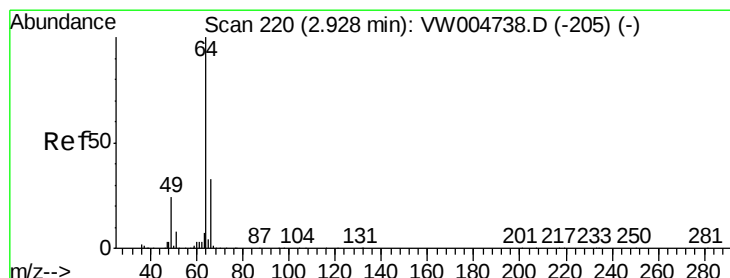
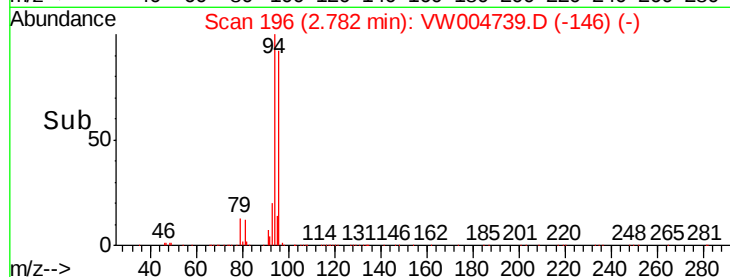
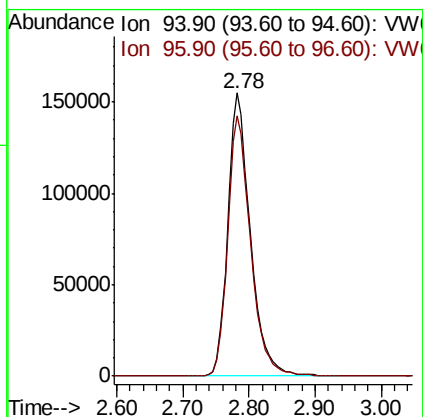
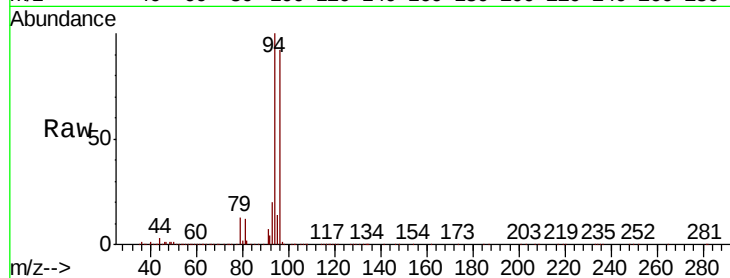
VSTDIC075

Tgt Ion: 94 Resp: 364964

Ion Ratio Lower Upper

94 100

96 92.1 74.3 111.5



#6

Chloroethane

Concen: 69.524 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004739.D

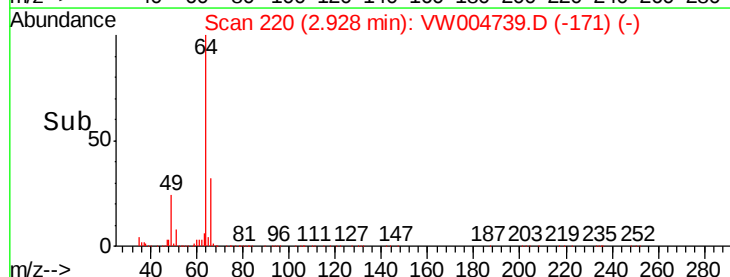
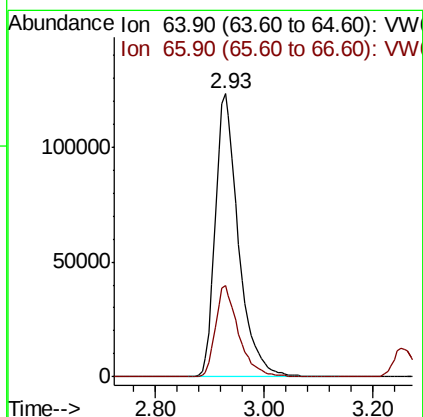
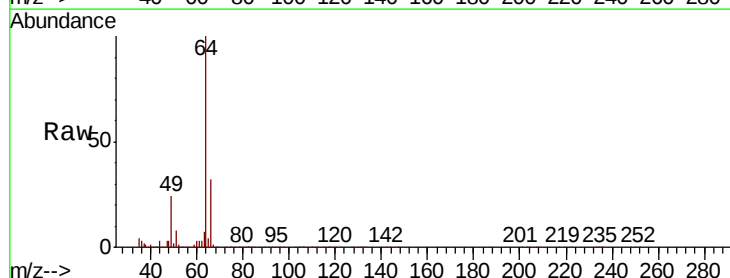
Acq: 17 Aug 2018 17:37

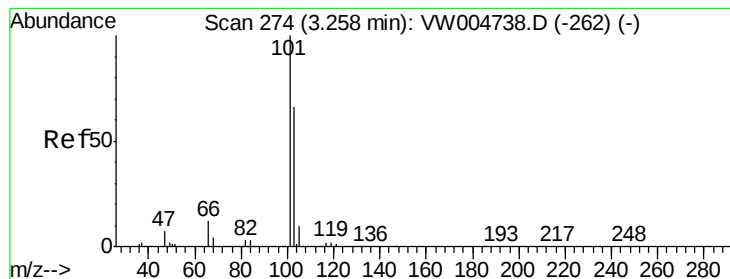
Tgt Ion: 64 Resp: 363456

Ion Ratio Lower Upper

64 100

66 32.3 26.1 39.1



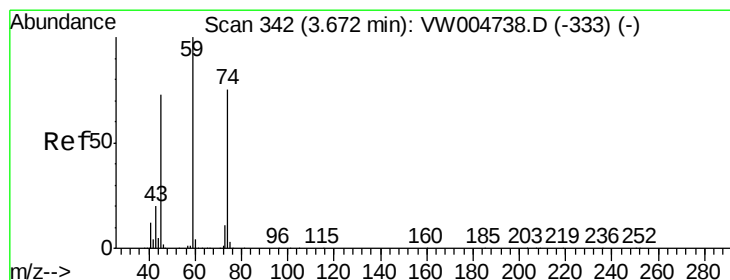
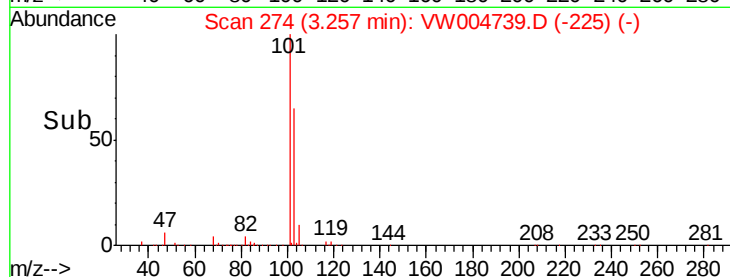
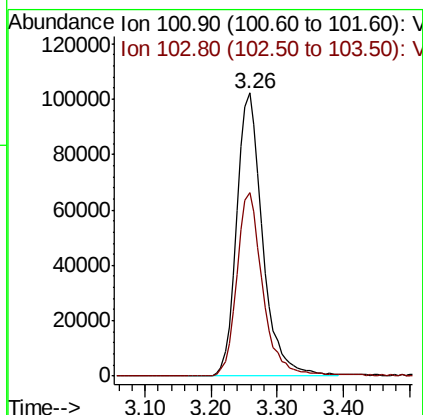
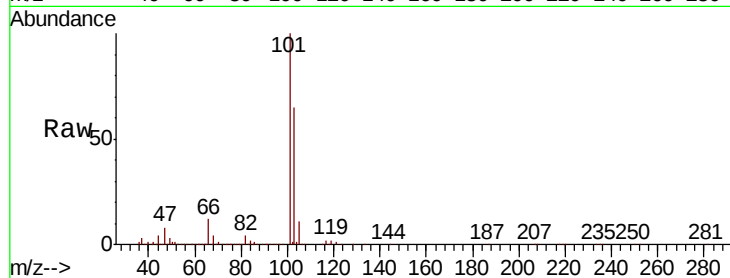


#7

Trichlorofluoromethane
 Concen: 68.115 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

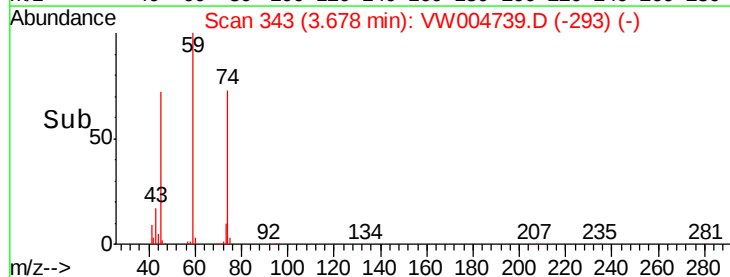
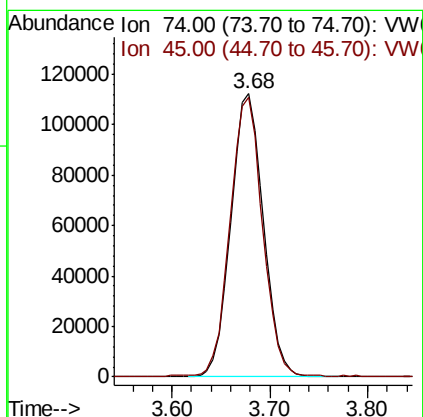
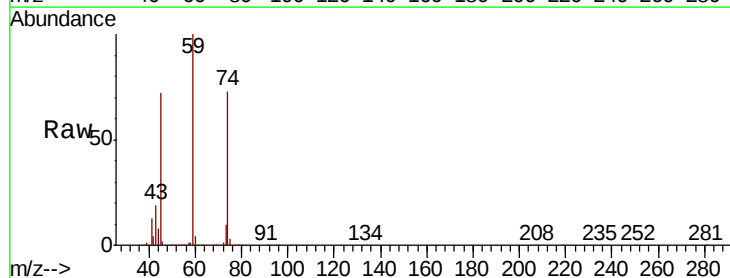
Tgt Ion:101 Resp: 278018
 Ion Ratio Lower Upper
 101 100
 103 64.8 52.5 78.7

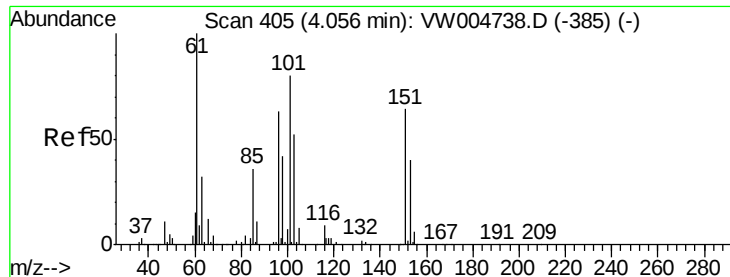


#8

Diethyl Ether
 Concen: 70.207 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.01 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion: 74 Resp: 259090
 Ion Ratio Lower Upper
 74 100
 45 98.6 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 67.850 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

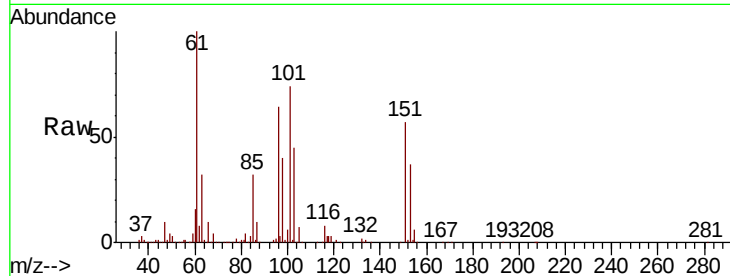
Tgt Ion:101 Resp: 476879

Ion Ratio Lower Upper

101 100

85 43.1 33.9 50.9

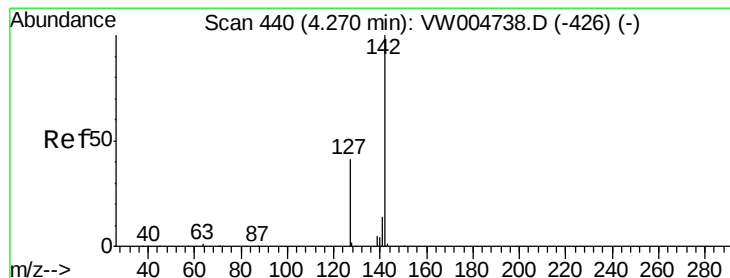
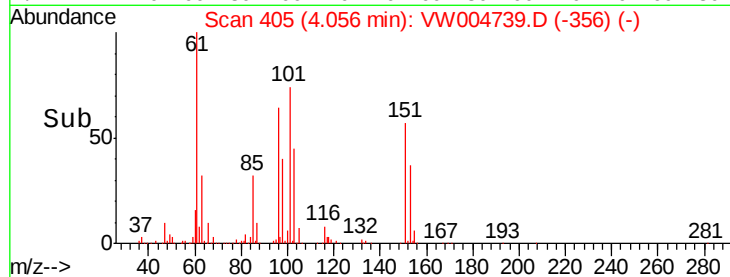
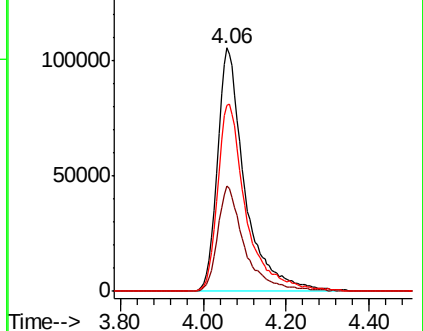
151 79.4 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 70.833 ug/l

RT: 4.27 min Scan# 440

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

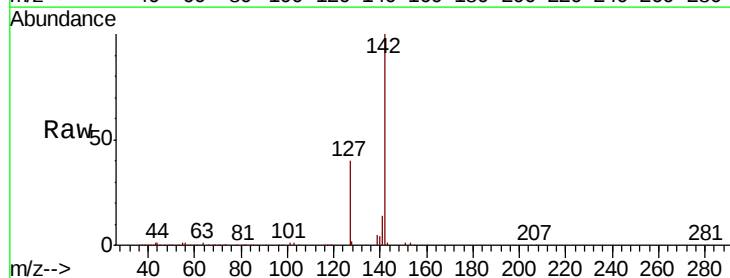
Tgt Ion:142 Resp: 756071

Ion Ratio Lower Upper

142 100

127 39.6 32.1 48.1

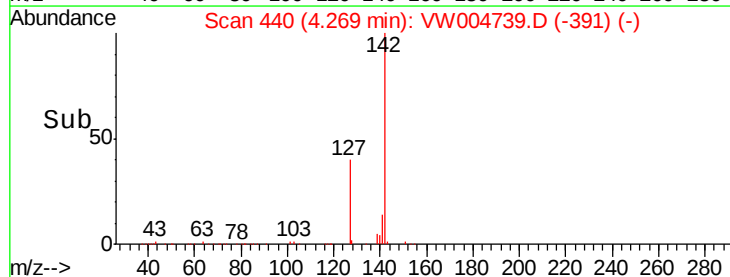
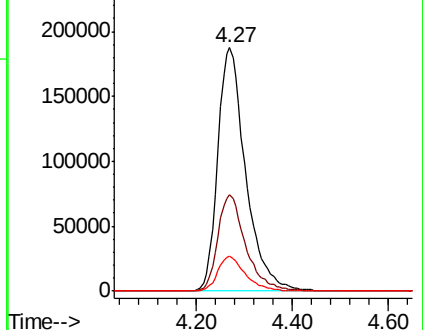
141 14.3 11.7 17.5

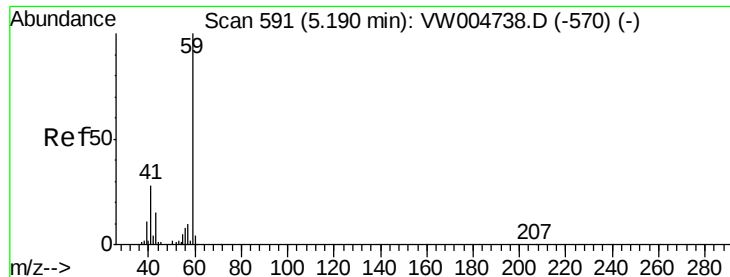


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



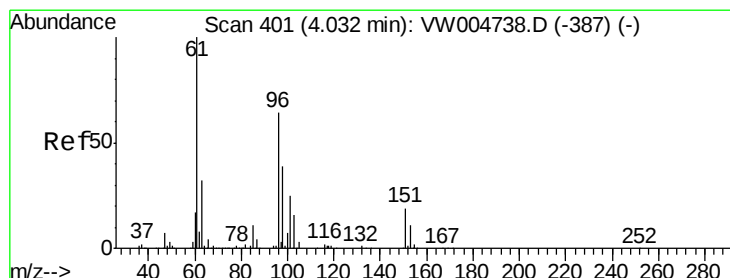
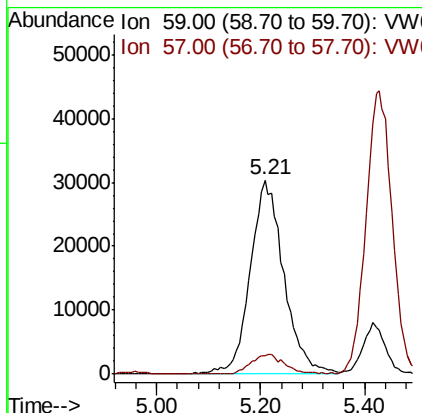
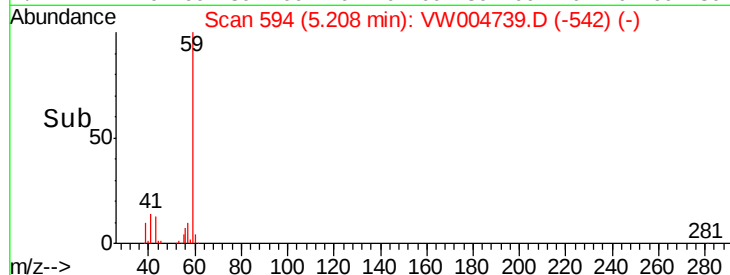
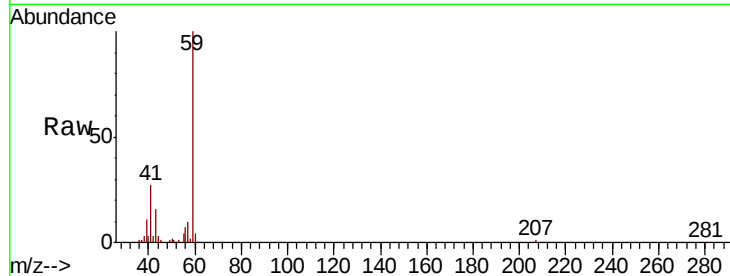


#11

Tert butyl alcohol
 Concen: 364.700 ug/l
 RT: 5.21 min Scan# 594
 Delta R.T. 0.02 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

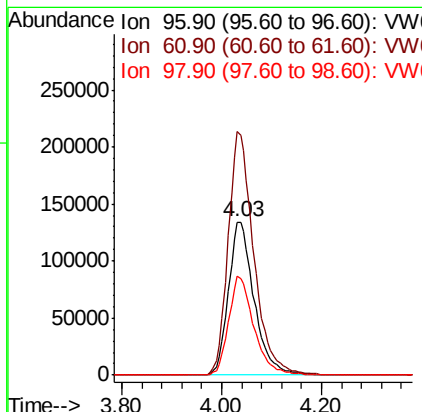
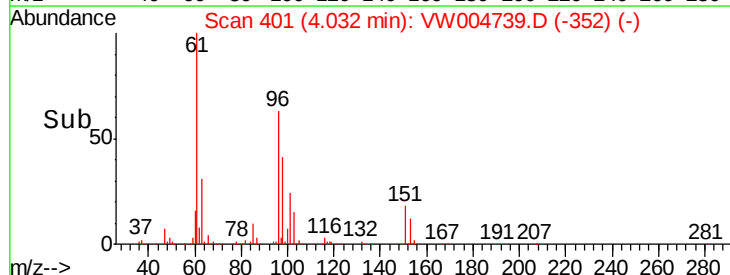
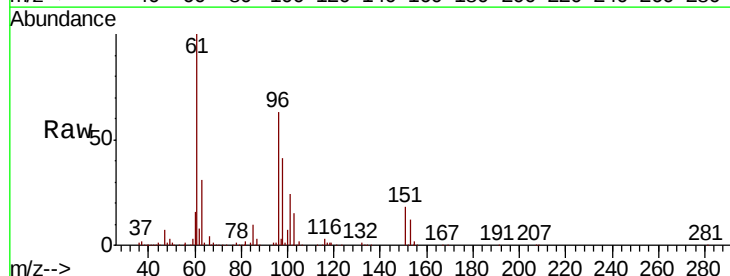
Tgt Ion: 59 Resp: 134932
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.4 12.6

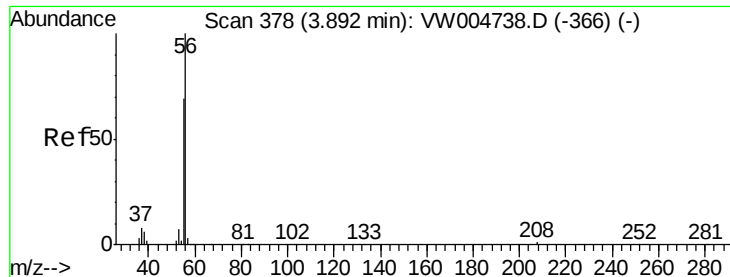


#12

1,1-Dichloroethene
 Concen: 68.500 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion: 96 Resp: 479759
 Ion Ratio Lower Upper
 96 100
 61 159.0 125.6 188.4
 98 64.7 49.4 74.0

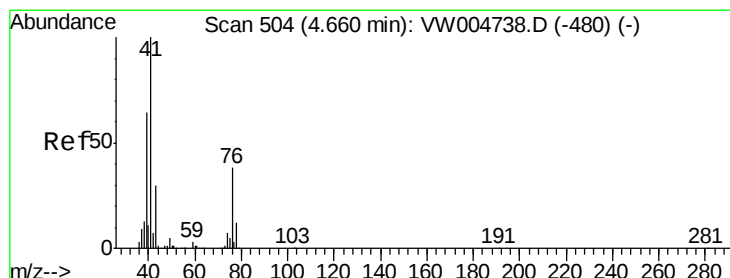
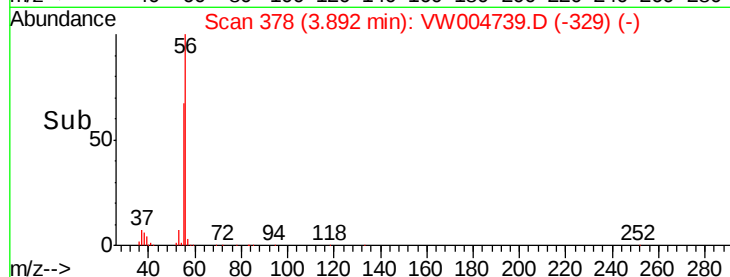
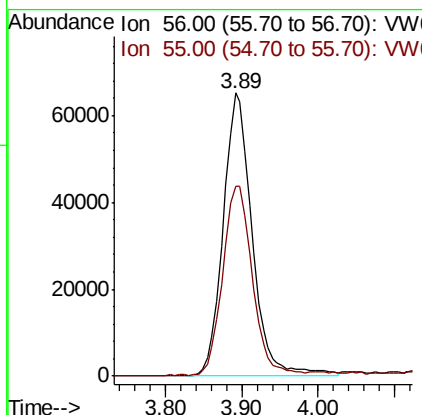
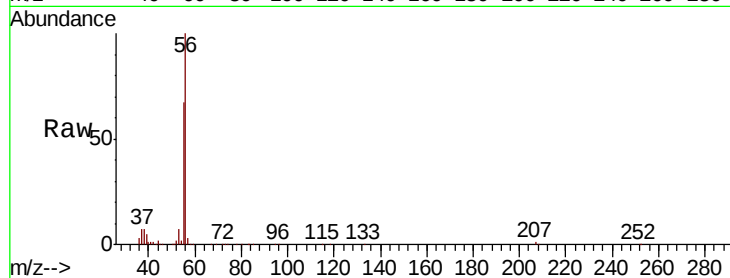




#13
 Acrolein
 Concen: 347.391 ug/l
 RT: 3.89 min Scan# 378
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

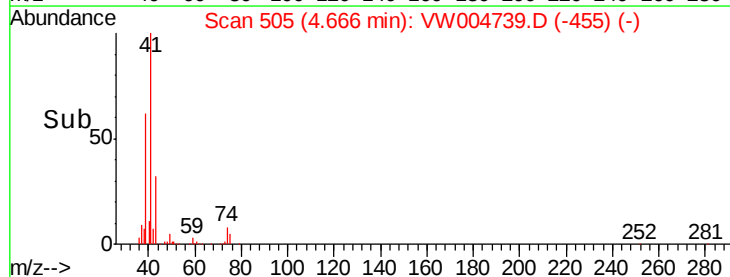
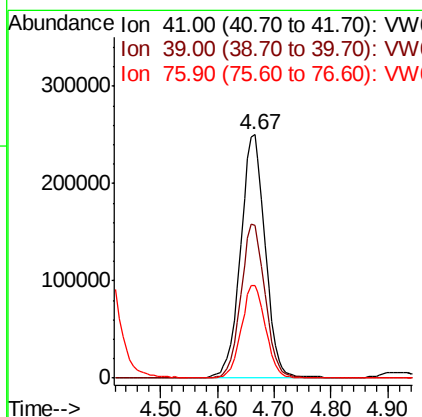
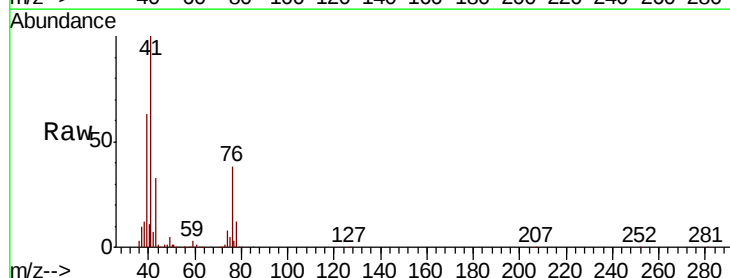
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

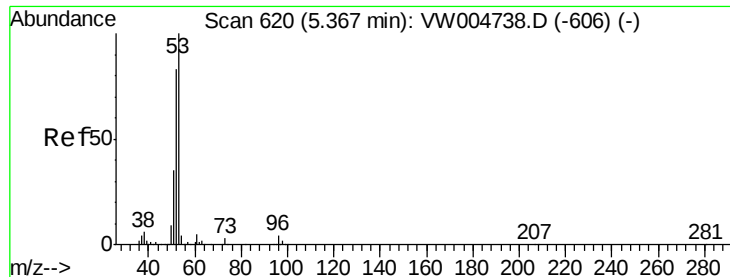
Tgt Ion: 56 Resp: 171130
 Ion Ratio Lower Upper
 56 100
 55 67.9 56.1 84.1



#14
 Allyl chloride
 Concen: 70.911 ug/l
 RT: 4.67 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion: 41 Resp: 753697
 Ion Ratio Lower Upper
 41 100
 39 62.3 50.0 75.0
 76 37.3 29.8 44.6





#15

Acrylonitrile

Concen: 367.557 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.01 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

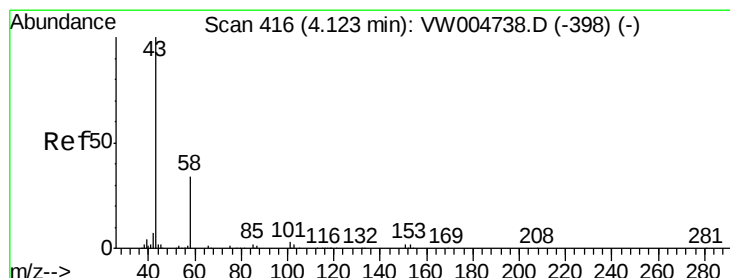
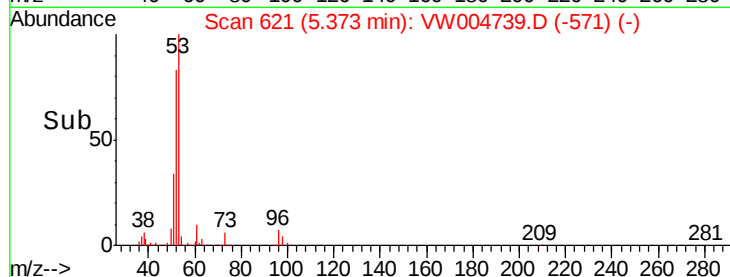
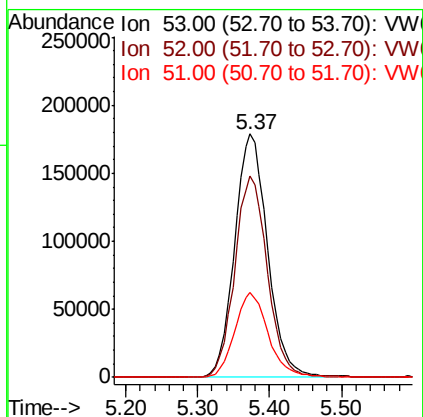
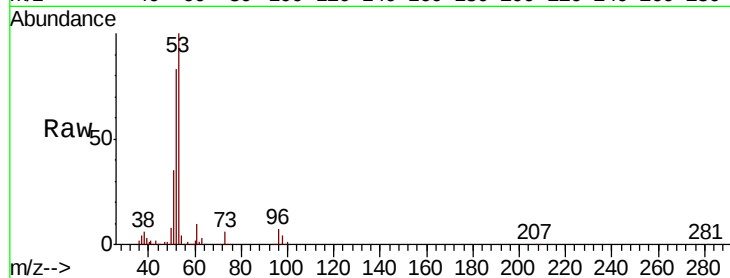
Tgt Ion: 53 Resp: 568844

Ion Ratio Lower Upper

53 100

52 82.1 65.8 98.6

51 35.5 28.7 43.1



#16

Acetone

Concen: 334.949 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW004739.D

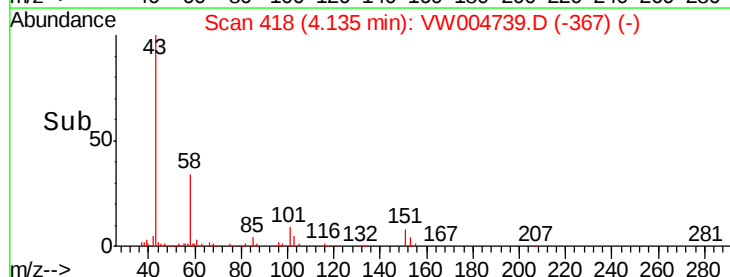
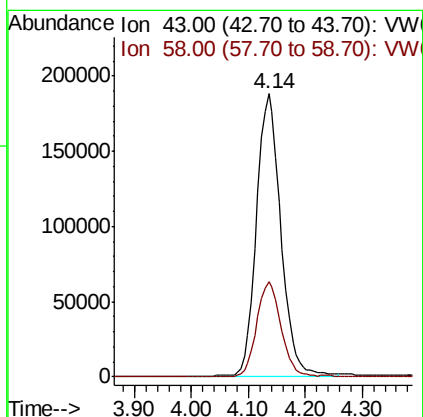
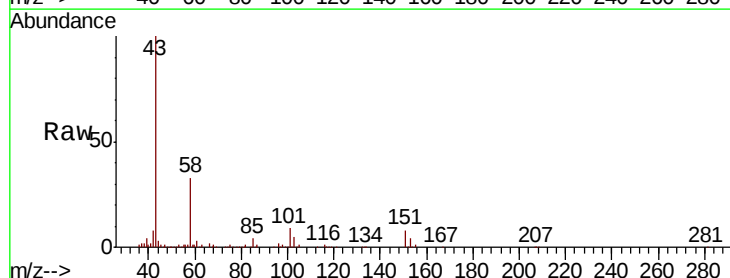
Acq: 17 Aug 2018 17:37

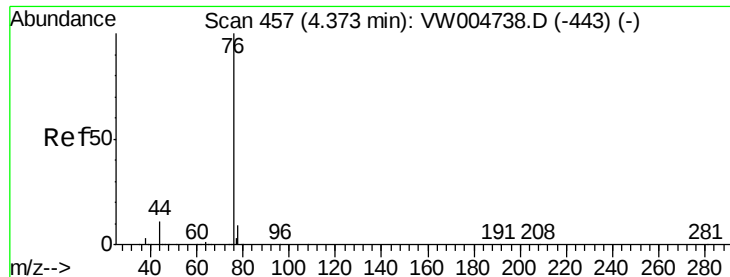
Tgt Ion: 43 Resp: 561824

Ion Ratio Lower Upper

43 100

58 33.3 27.3 40.9

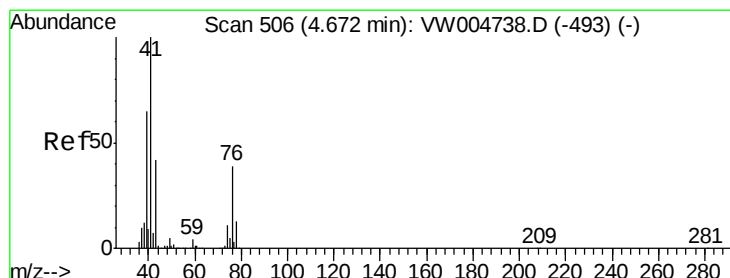
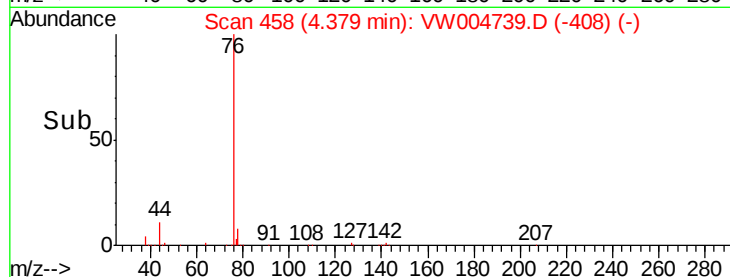
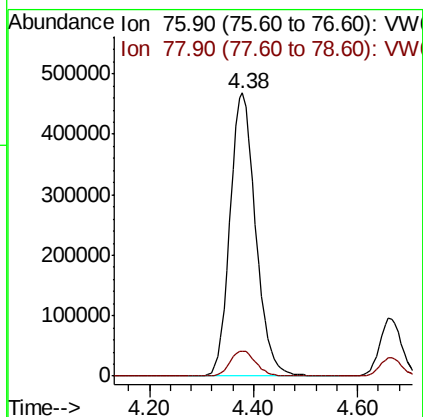
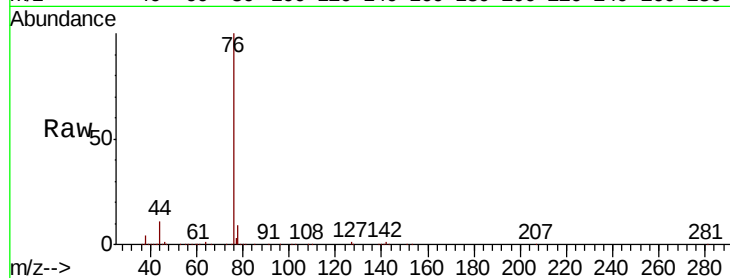




#17
Carbon Disulfide
Concen: 69.392 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

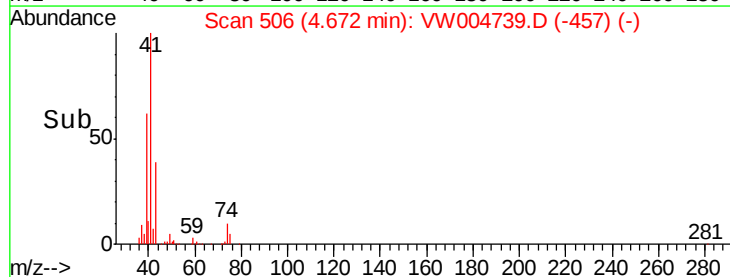
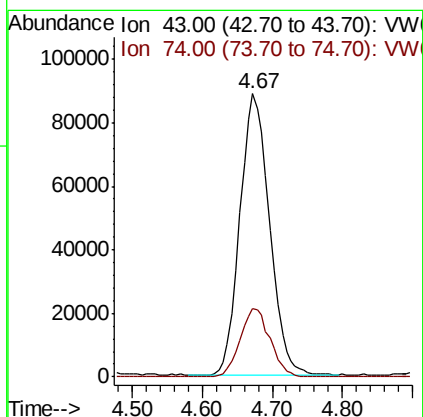
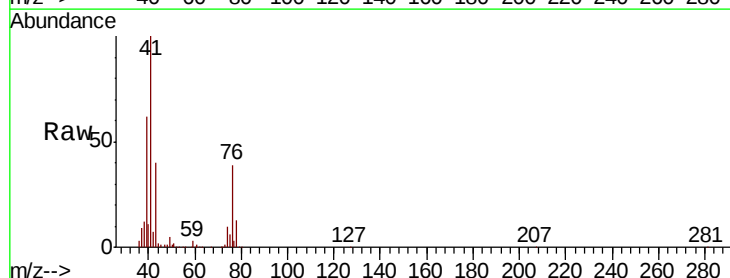
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

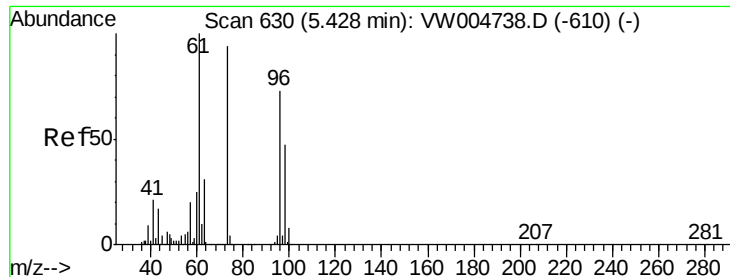
Tgt Ion: 76 Resp: 1597170
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 72.961 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion: 43 Resp: 262256
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.8



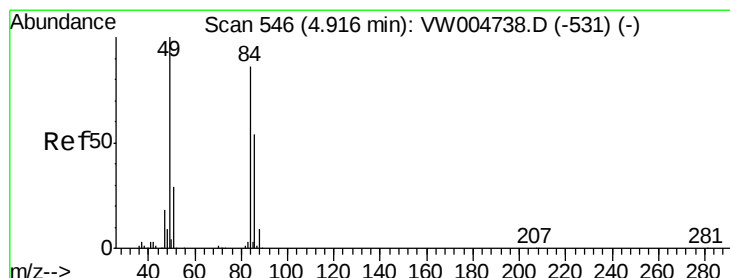
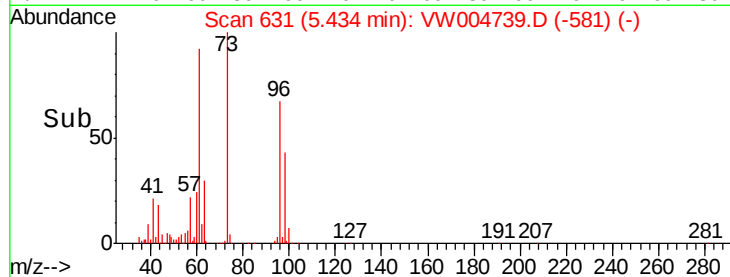
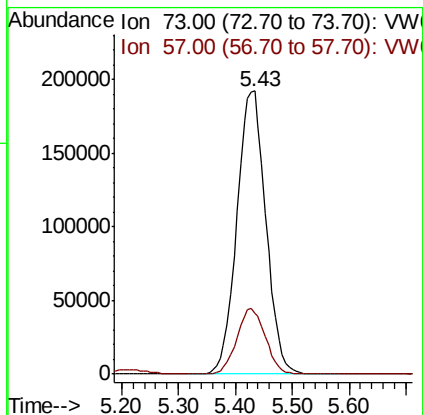
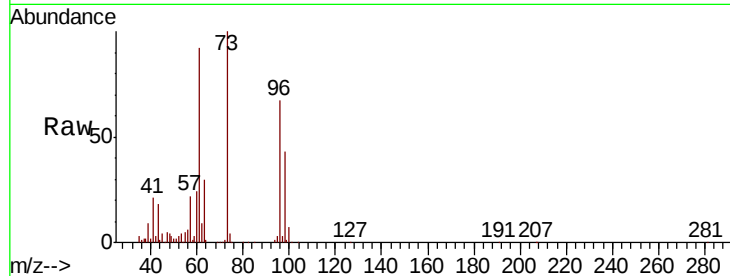


#19

Methyl tert-butyl Ether
 Concen: 74.982 ug/l
 RT: 5.43 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

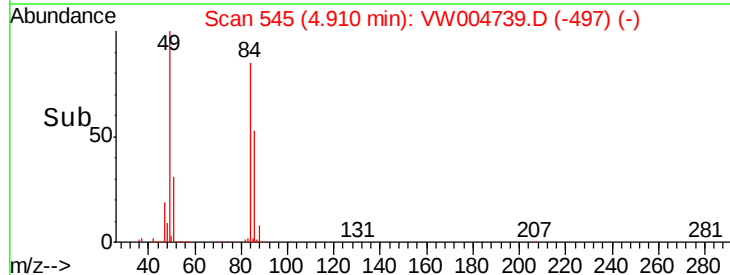
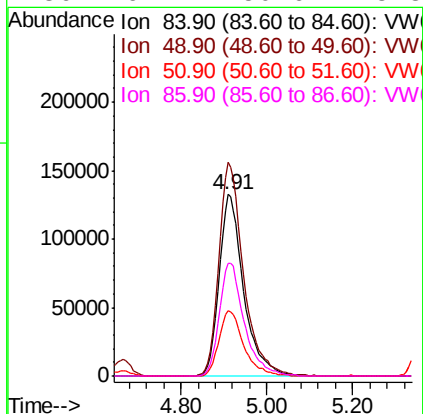
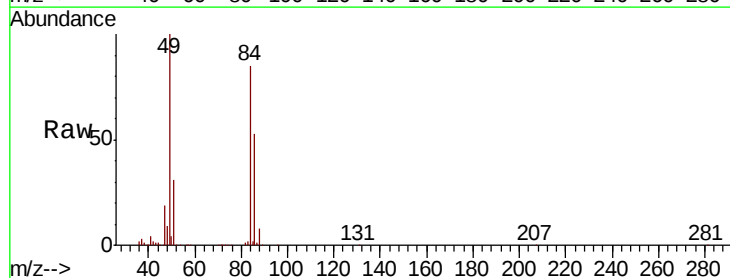
Tgt Ion: 73 Resp: 681713
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.3 25.9

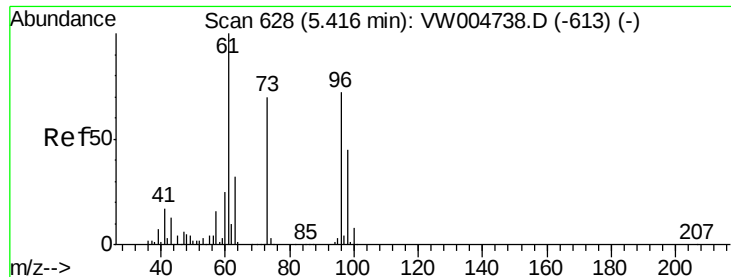


#20

Methylene Chloride
 Concen: 58.141 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion: 84 Resp: 532255
 Ion Ratio Lower Upper
 84 100
 49 117.6 93.2 139.8
 51 36.0 27.4 41.0
 86 62.1 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 70.236 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

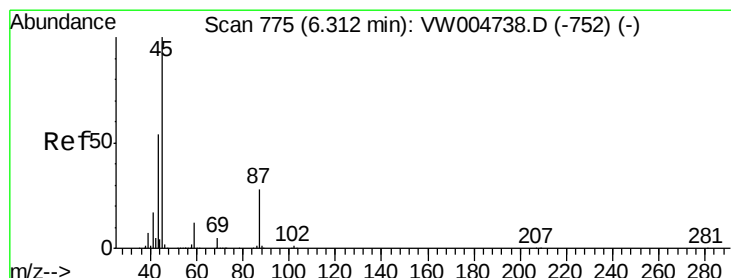
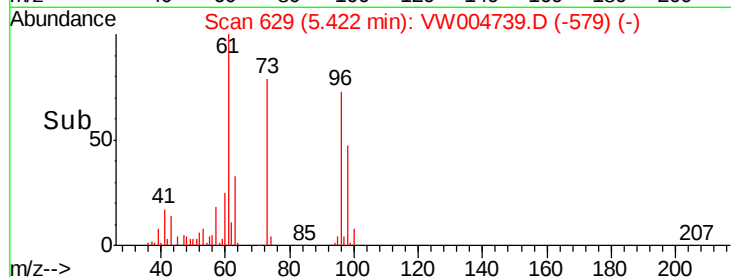
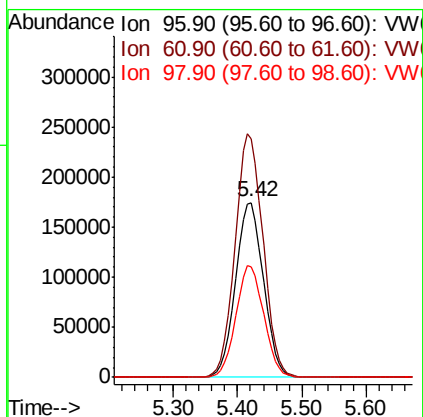
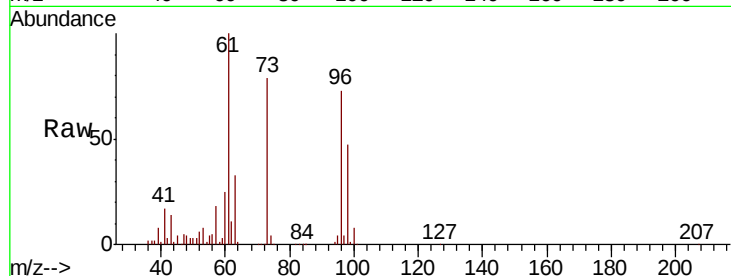
Tgt Ion: 96 Resp: 523395

Ion Ratio Lower Upper

96 100

61 136.4 111.4 167.0

98 63.5 49.7 74.5



#22

Diisopropyl ether

Concen: 73.679 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Tgt Ion: 45 Resp: 1505202

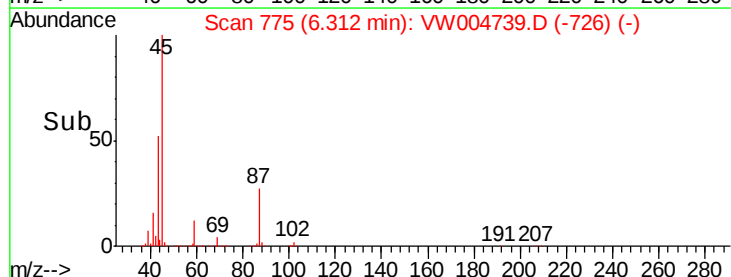
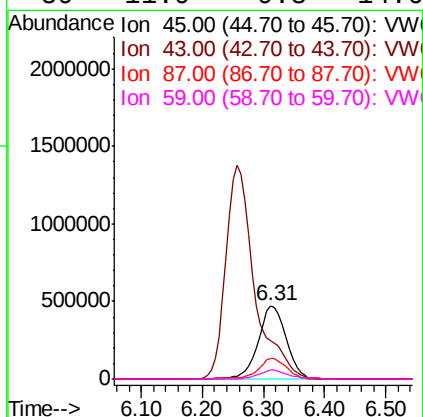
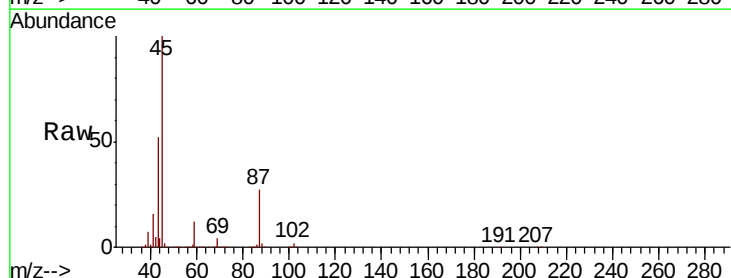
Ion Ratio Lower Upper

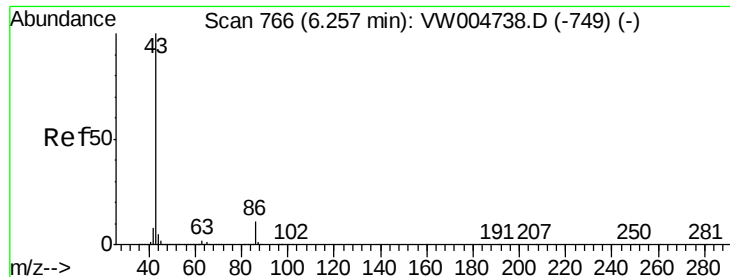
45 100

43 51.6 43.0 64.6

87 27.1 22.2 33.4

59 11.9 9.8 14.6





#23

Vinyl Acetate

Concen: 386.288 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

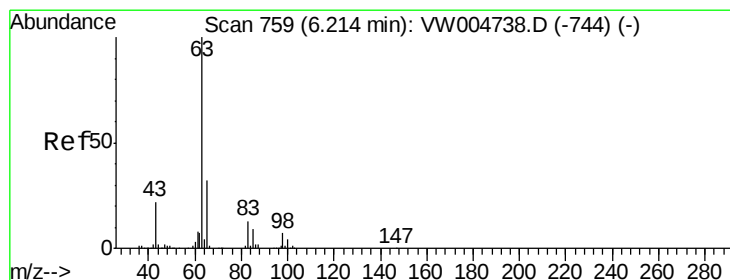
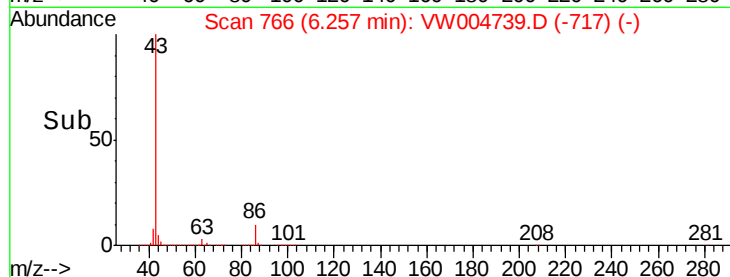
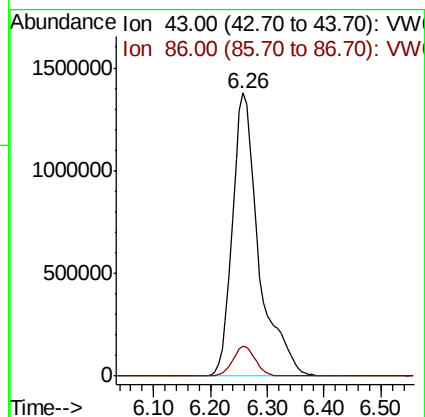
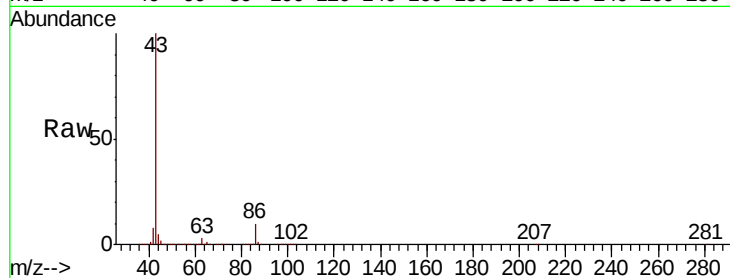
VSTDIC075

Tgt Ion: 43 Resp: 4463680

Ion Ratio Lower Upper

43 100

86 10.5 8.5 12.7



#24

1,1-Dichloroethane

Concen: 69.803 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

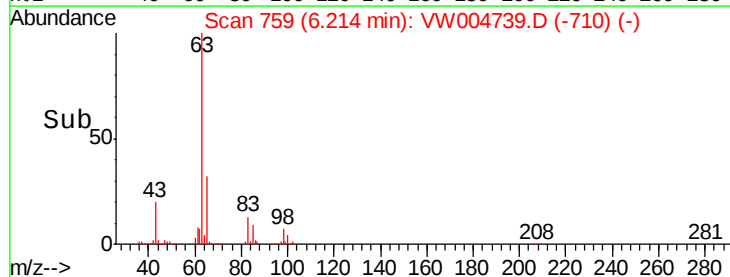
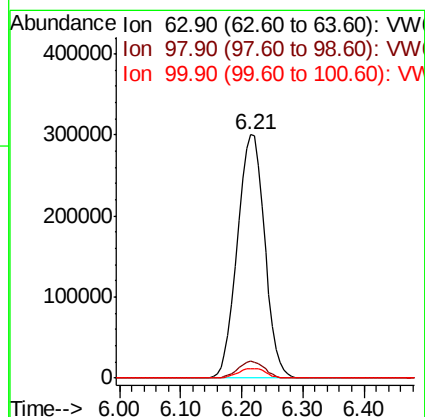
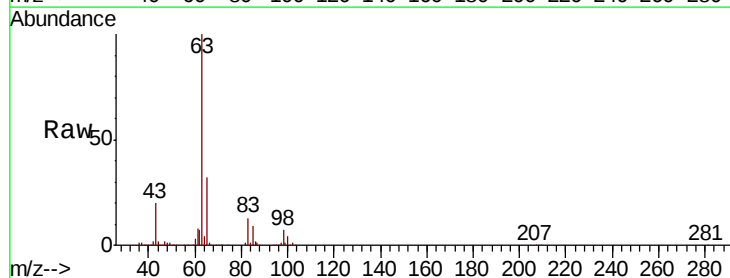
Tgt Ion: 63 Resp: 926683

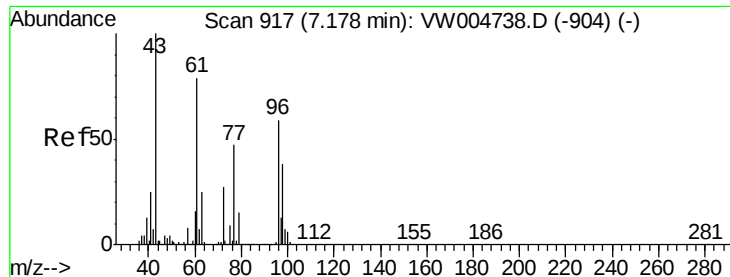
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 365.934 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampled :

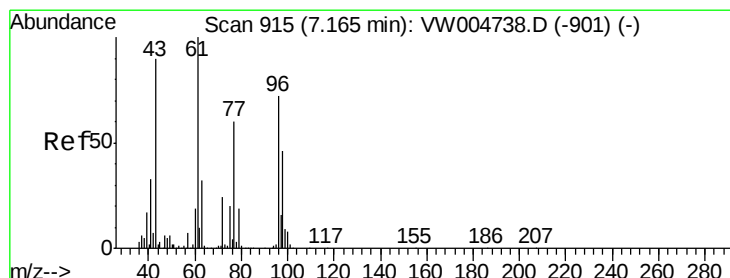
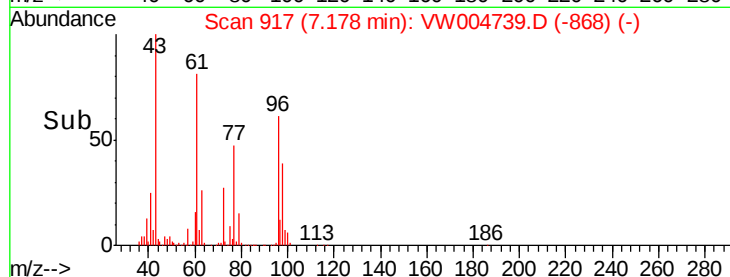
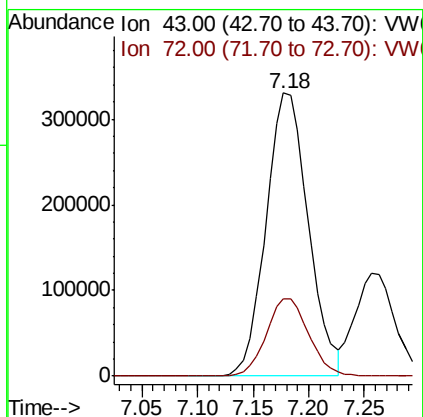
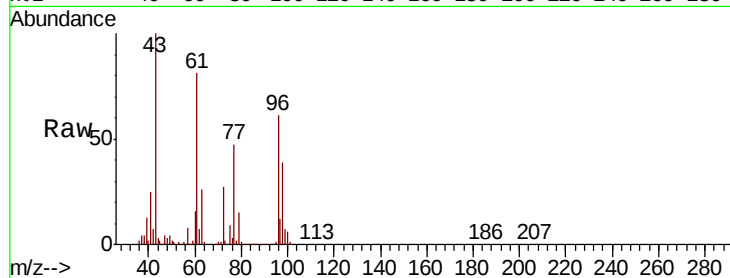
VSTDIC075

Tgt Ion: 43 Resp: 874544

Ion Ratio Lower Upper

43 100

72 27.2 22.0 33.0



#26

2,2-Dichloropropane

Concen: 66.282 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004739.D

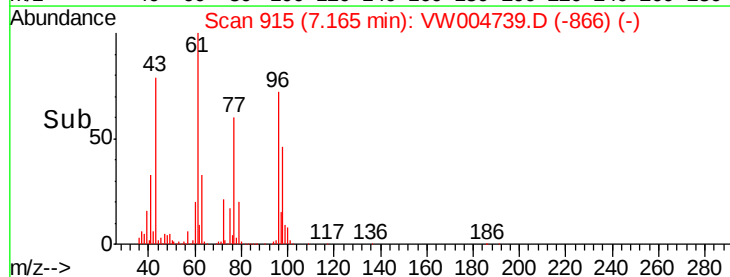
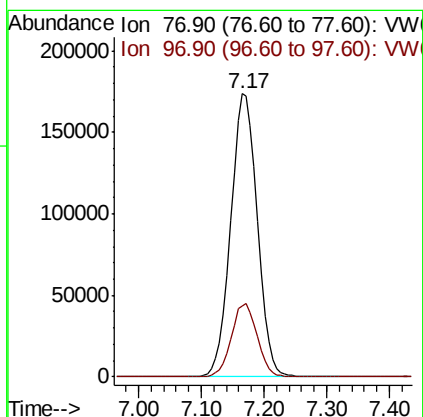
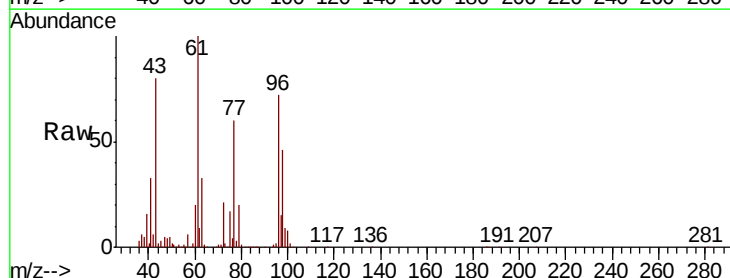
Acq: 17 Aug 2018 17:37

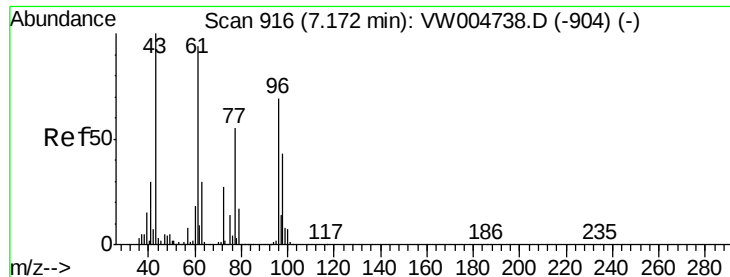
Tgt Ion: 77 Resp: 508242

Ion Ratio Lower Upper

77 100

97 25.1 12.6 37.8



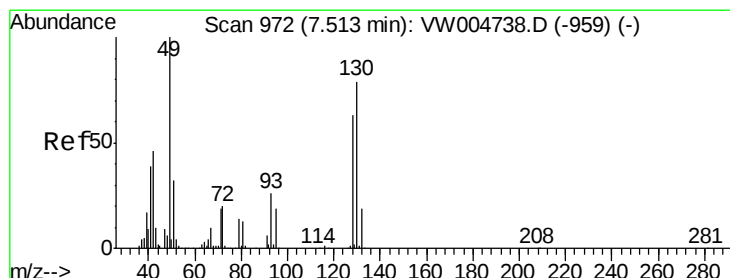
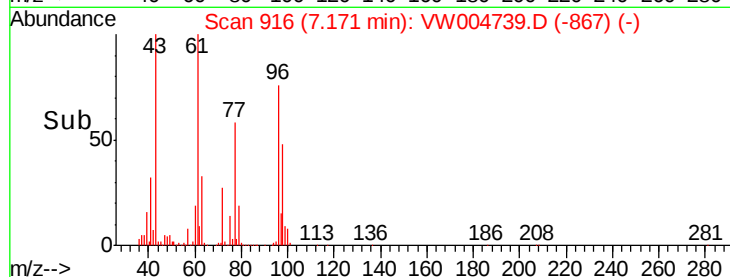
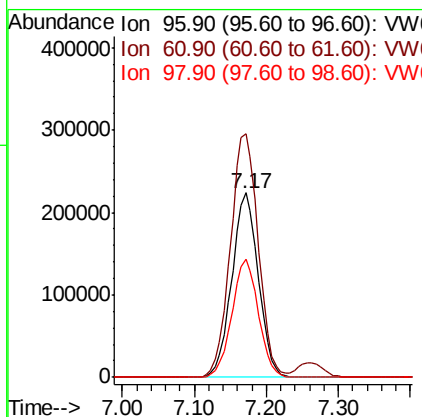
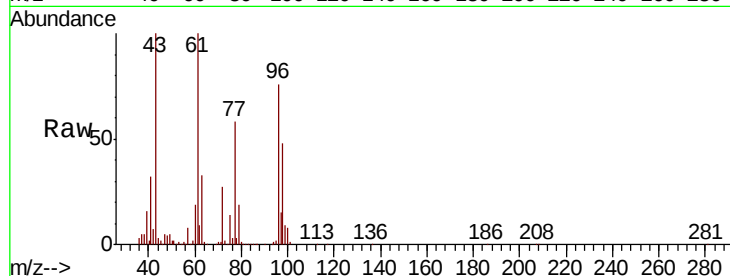


#27

cis-1,2-Dichloroethene
 Concen: 71.082 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

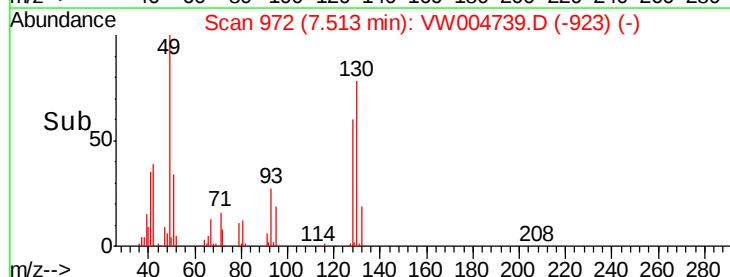
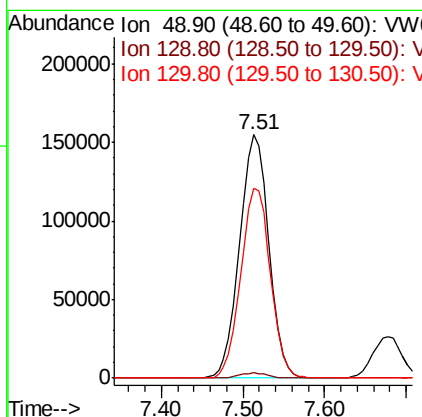
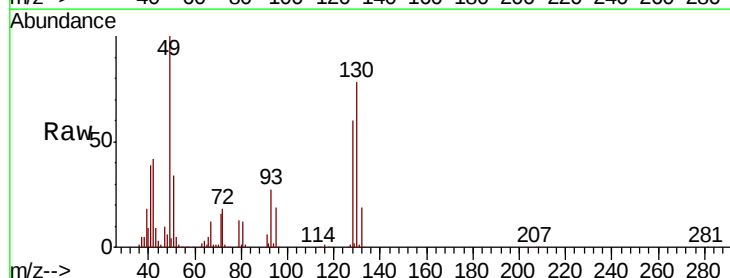
Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.8	0.0	277.6
98	64.2	0.0	127.4

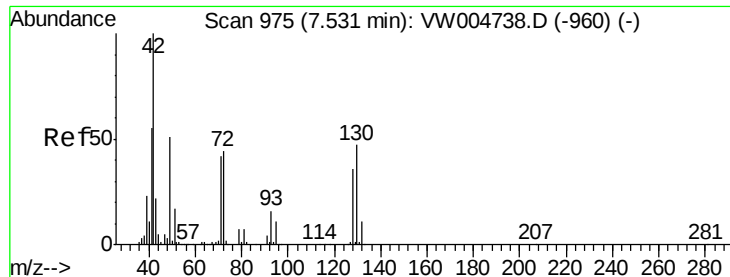


#28

Bromochloromethane
 Concen: 69.096 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

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

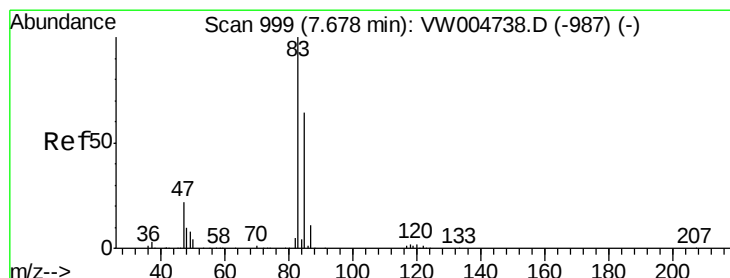
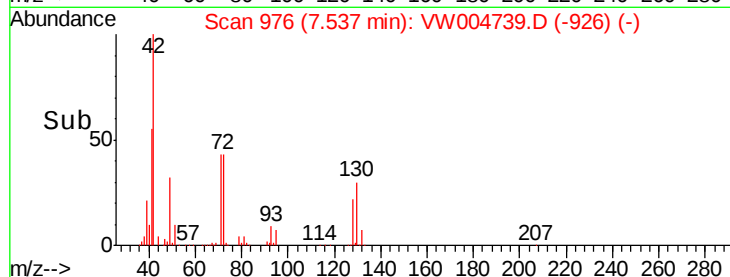
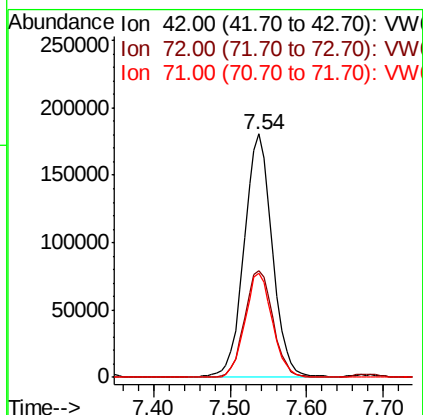
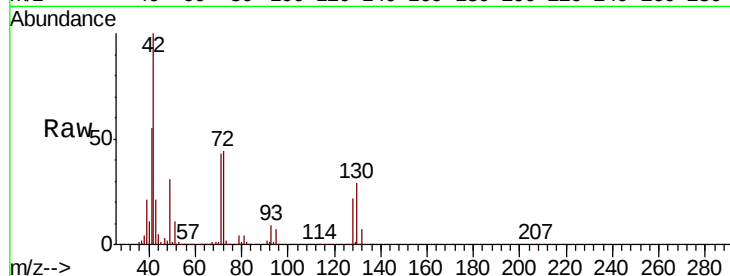




#29
Tetrahydrofuran
Concen: 378.245 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

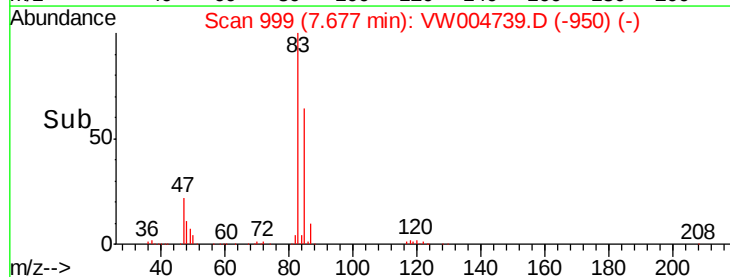
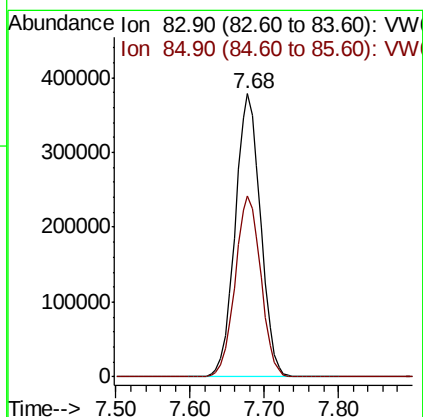
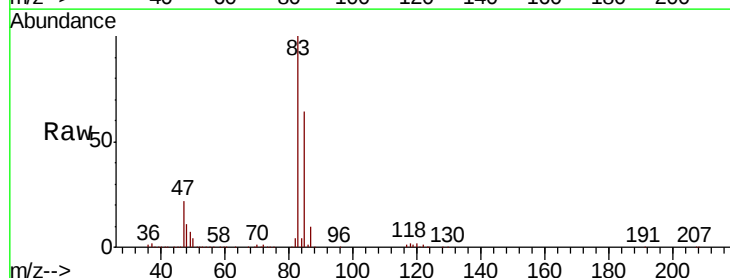
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

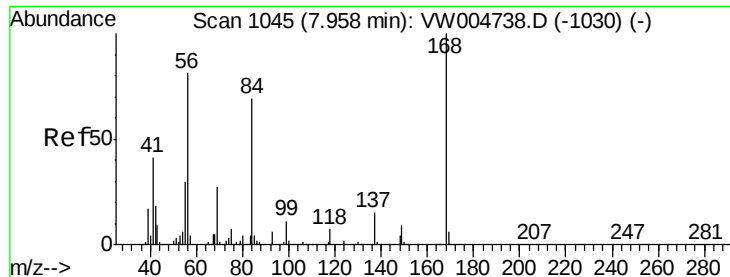
Tgt Ion: 42 Resp: 460954
Ion Ratio Lower Upper
42 100
72 44.5 34.9 52.3
71 42.0 33.8 50.6



#30
Chloroform
Concen: 69.148 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion: 83 Resp: 902841
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.6

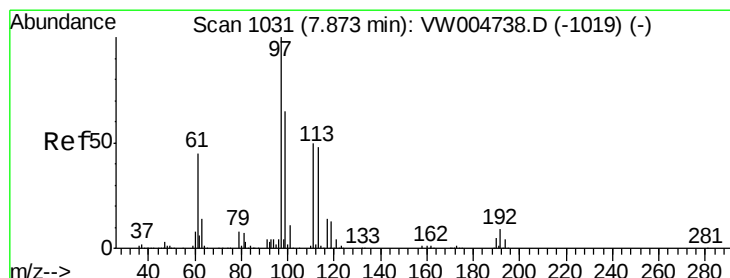
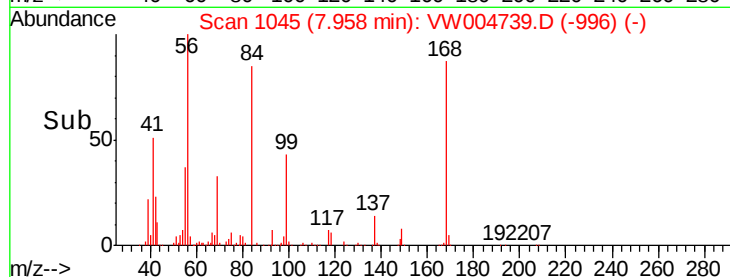
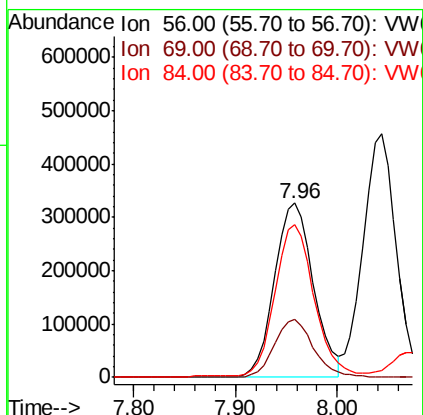
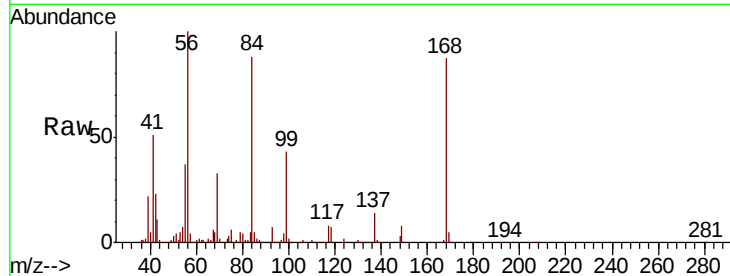




#31
Cyclohexane
Concen: 67.571 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

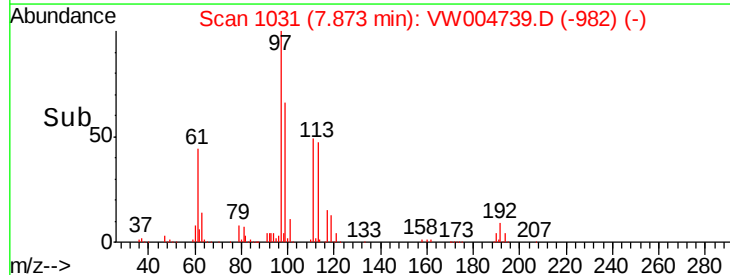
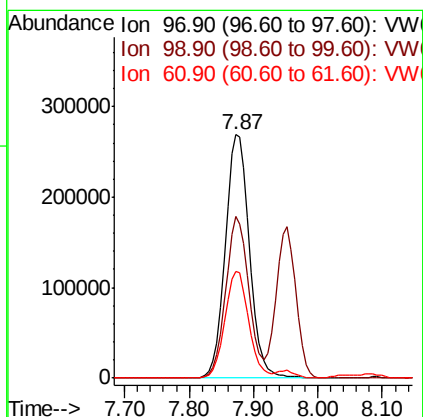
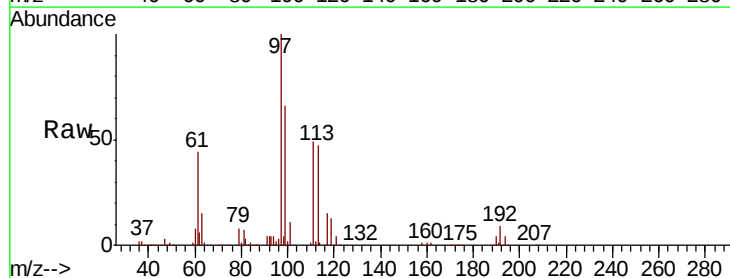
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

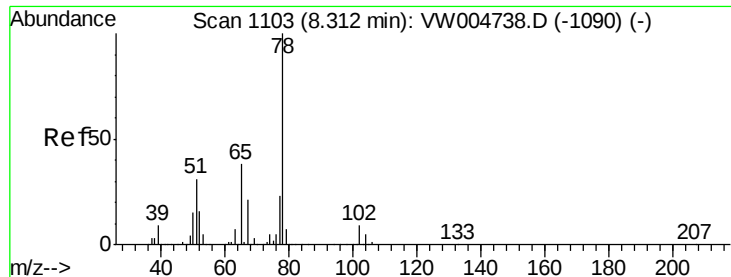
Tgt Ion: 56 Resp: 867676
Ion Ratio Lower Upper
56 100
69 33.3 27.1 40.7
84 87.0 68.3 102.5



#32
1,1,1-Trichloroethane
Concen: 68.747 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion: 97 Resp: 711519
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 43.2 34.4 51.6





#33

1,2-Dichloroethane-d4

Concen: 70.683 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

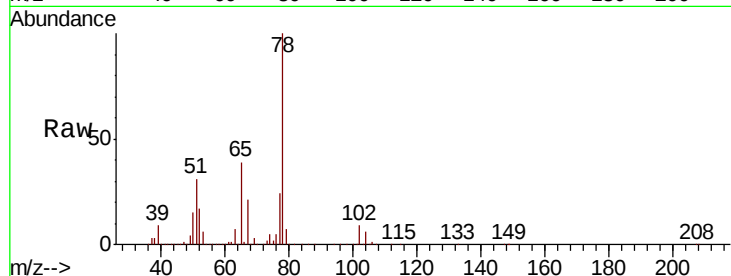
VSTDIC075

Tgt Ion: 65 Resp: 464441

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

250000

200000

150000

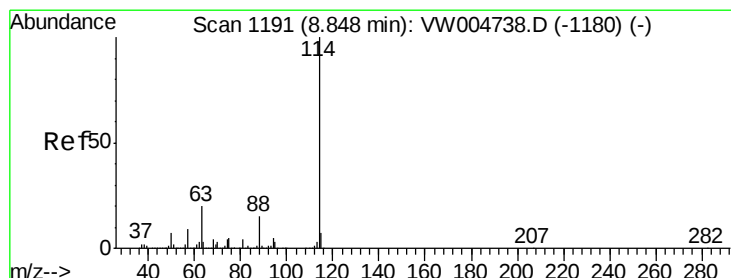
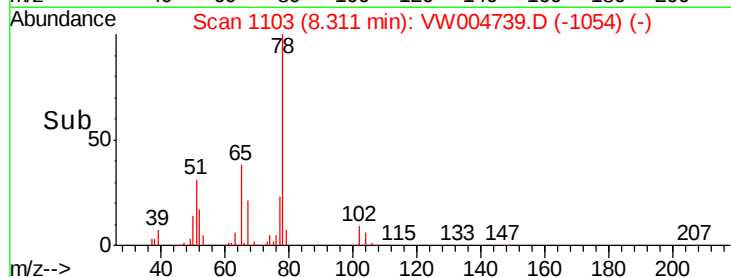
100000

50000

0

8.20 8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

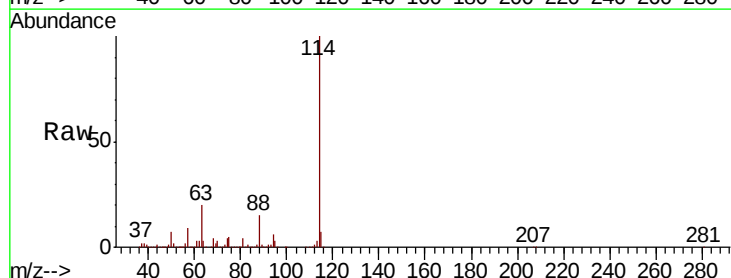
Tgt Ion: 114 Resp: 1025148

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

88 15.2 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

600000

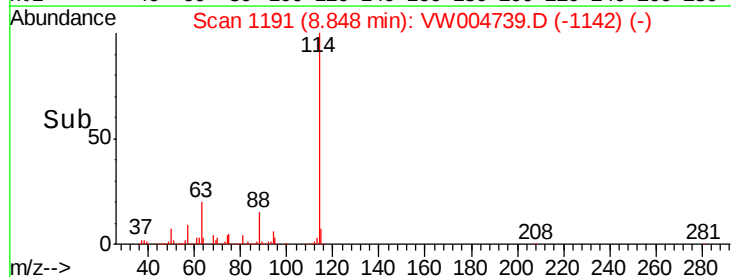
400000

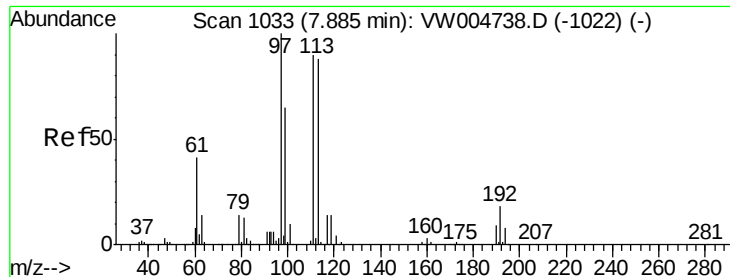
200000

0

8.70 8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 71.267 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

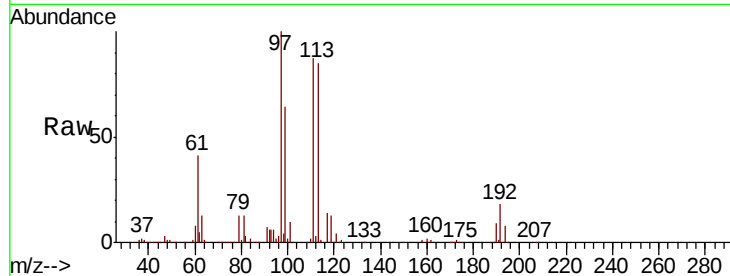
Tgt Ion:113 Resp: 466948

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

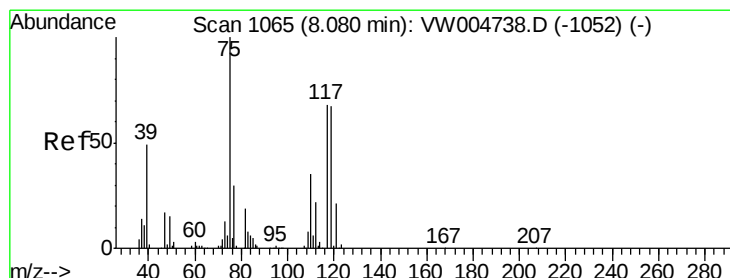
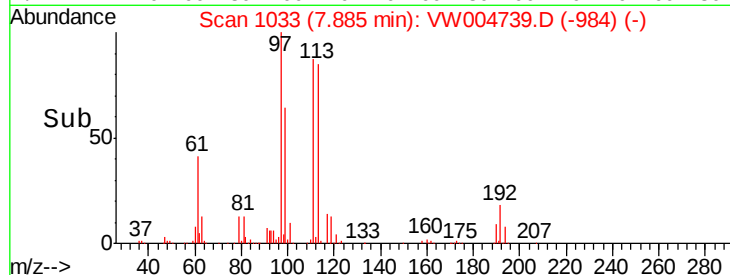
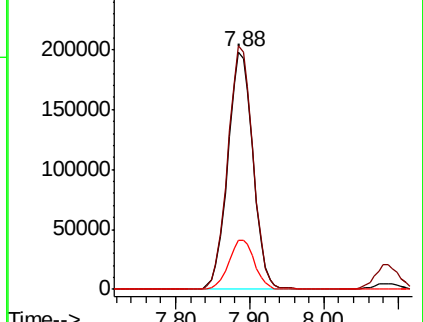
192 21.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 69.867 ug/l

RT: 8.09 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

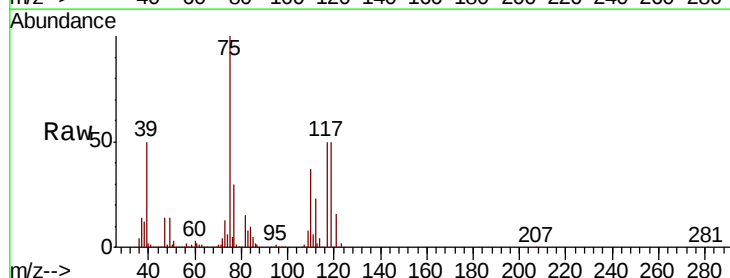
Tgt Ion: 75 Resp: 737853

Ion Ratio Lower Upper

75 100

110 35.9 17.8 53.5

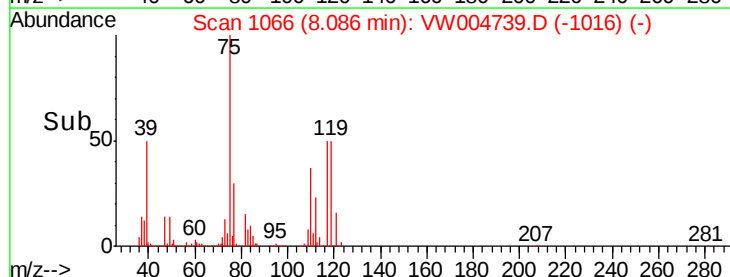
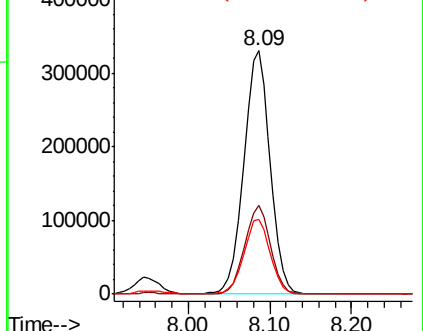
77 31.1 24.9 37.3

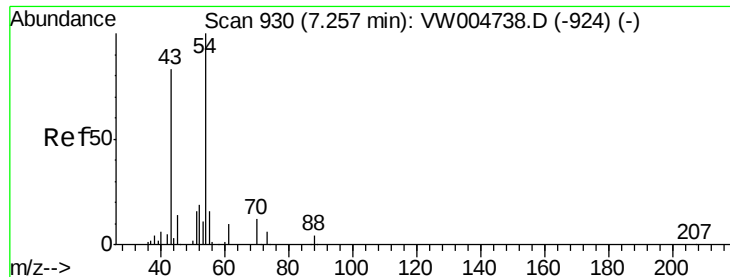


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

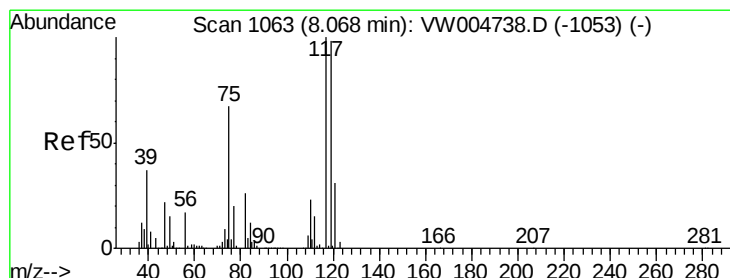
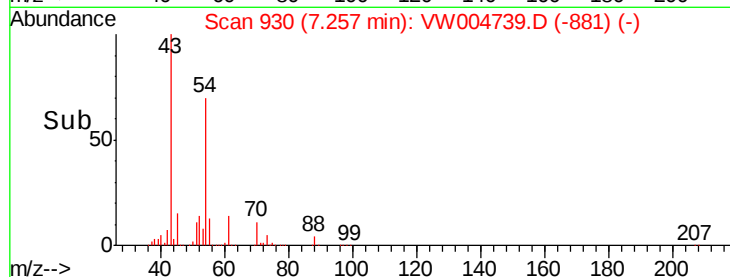
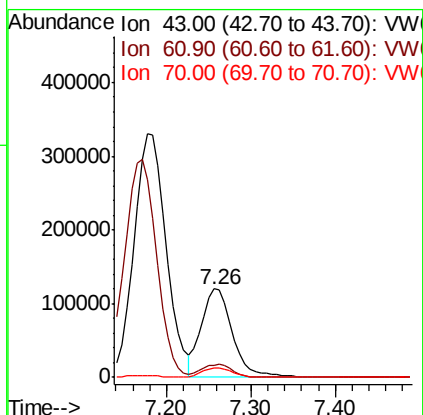
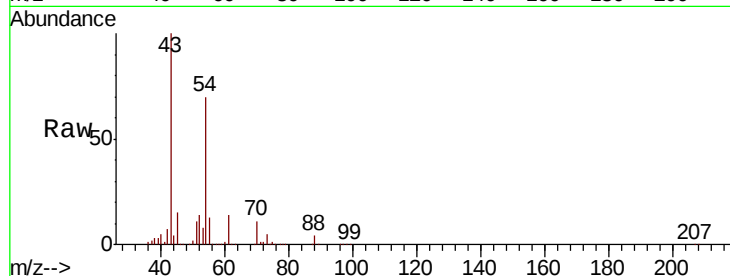




#37
 Ethyl Acetate
 Concen: 73.109 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

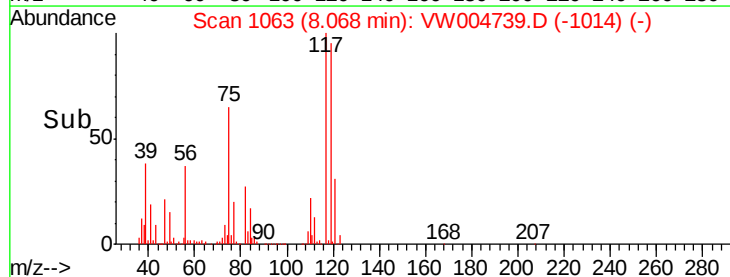
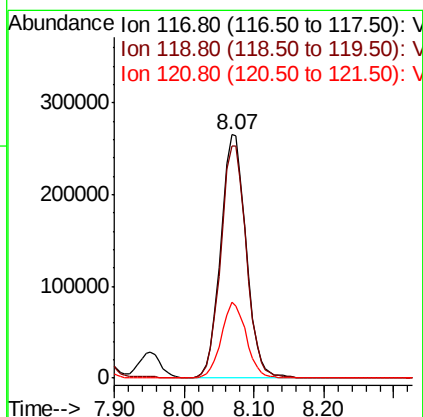
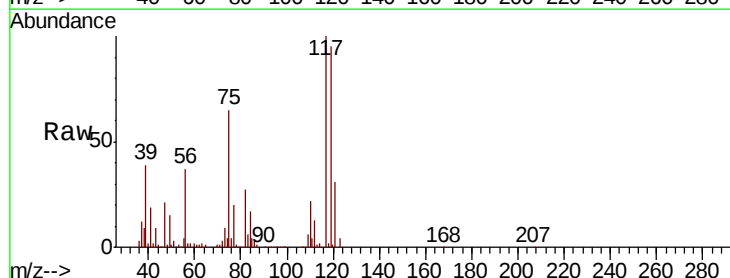
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

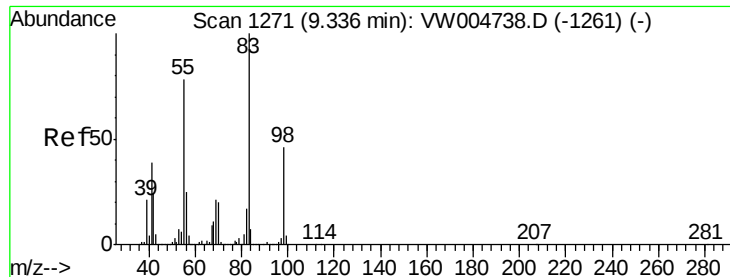
Tgt Ion: 43 Resp: 307777
 Ion Ratio Lower Upper
 43 100
 61 14.8 11.6 17.4
 70 10.9 9.2 13.8



#38
 Carbon Tetrachloride
 Concen: 68.977 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion: 117 Resp: 670544
 Ion Ratio Lower Upper
 117 100
 119 95.3 78.0 117.0
 121 31.1 24.8 37.2

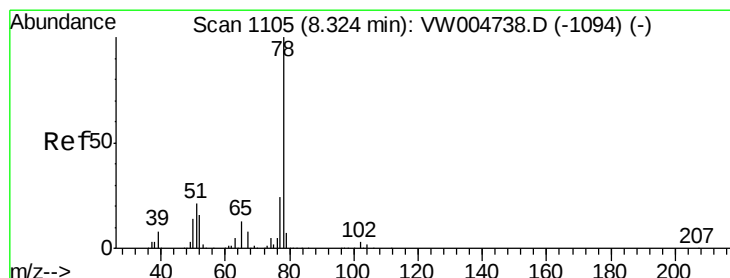
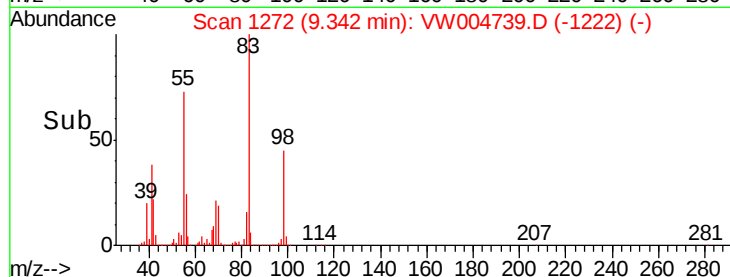
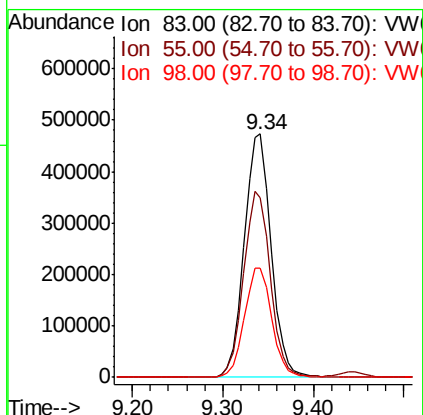
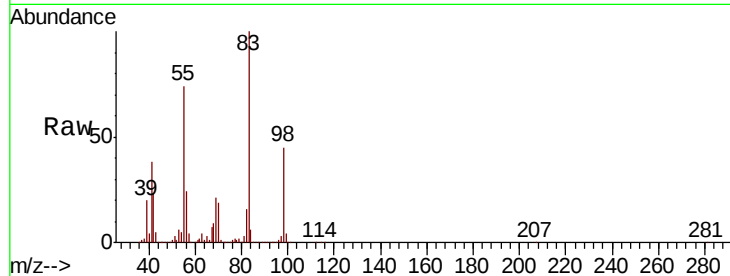




#39
Methylcyclohexane
Concen: 73.674 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

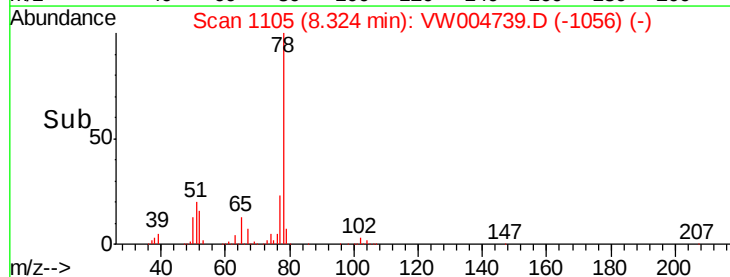
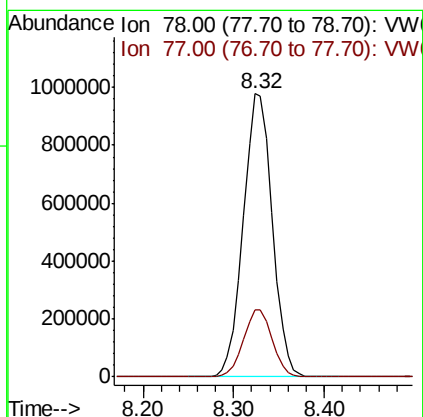
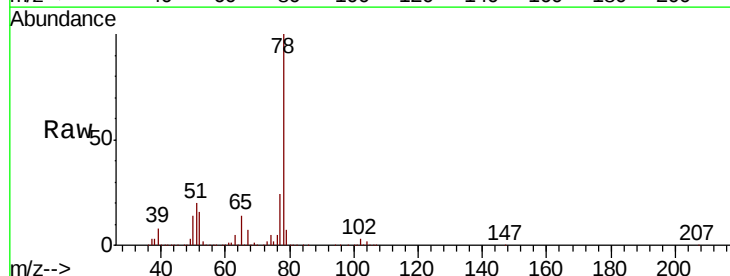
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

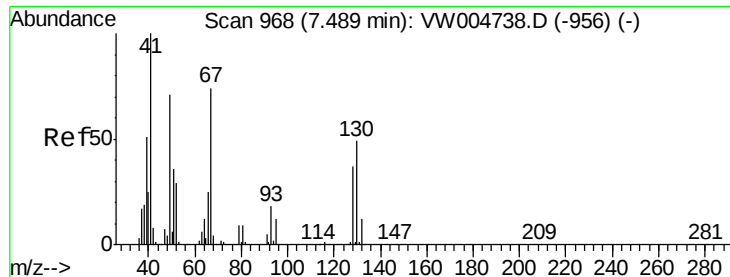
Tgt Ion: 83 Resp: 973018
Ion Ratio Lower Upper
83 100
55 73.5 62.4 93.6
98 45.0 36.5 54.7



#40
Benzene
Concen: 70.428 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion: 78 Resp: 2161567
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6

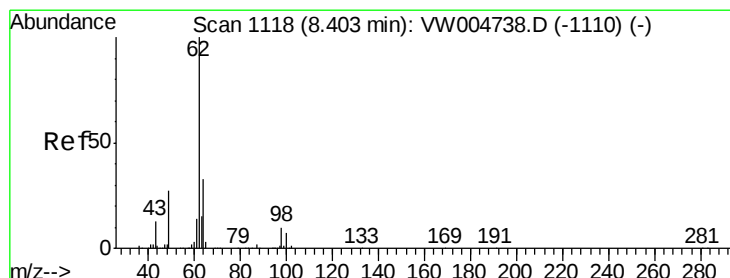
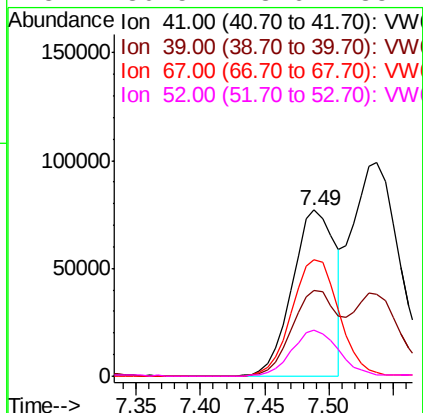
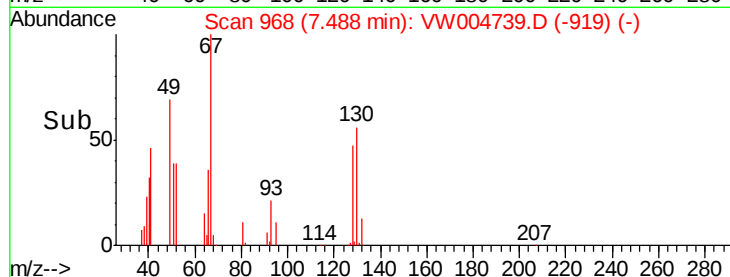
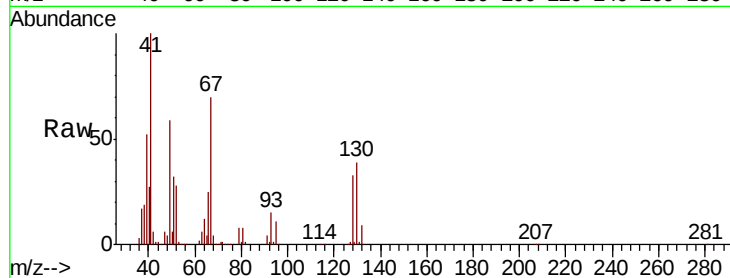




#41
Methacrylonitrile
Concen: 74.790 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

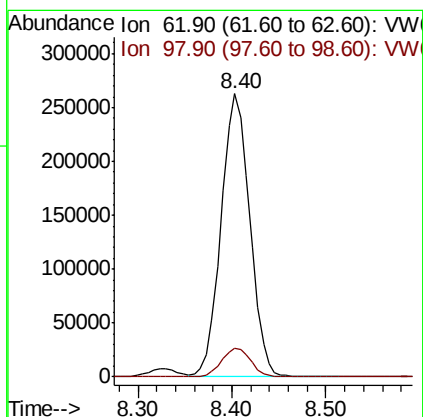
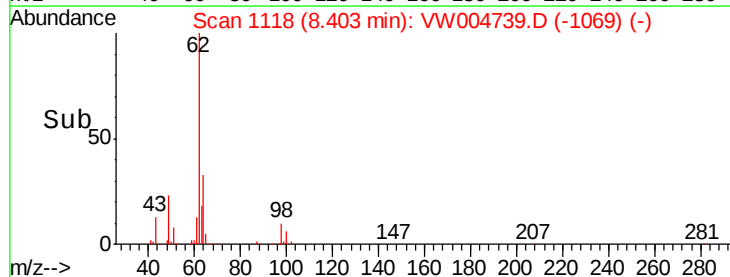
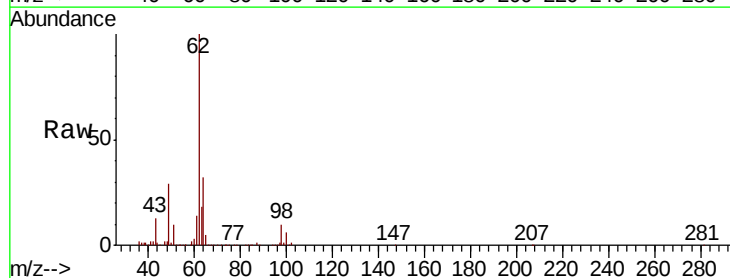
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

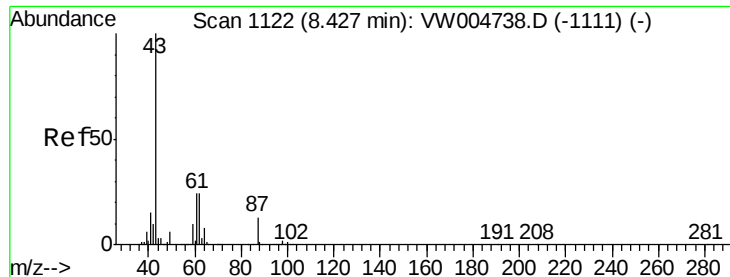
Tgt Ion:	41	Resp:	178686
Ion	Ratio	Lower	Upper
41	100		
39	57.0	41.0	61.4
67	77.7	59.5	89.3
52	30.5	23.6	35.4



#42
1,2-Dichloroethane
Concen: 70.619 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion:	62	Resp:	555794
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2

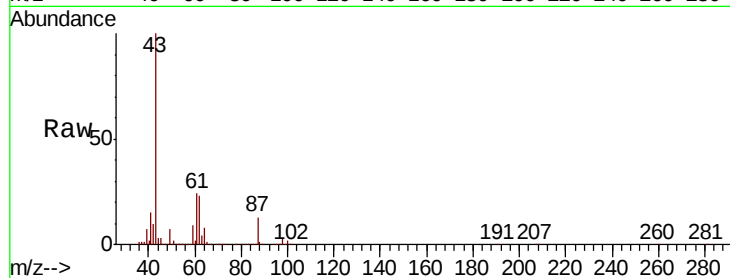




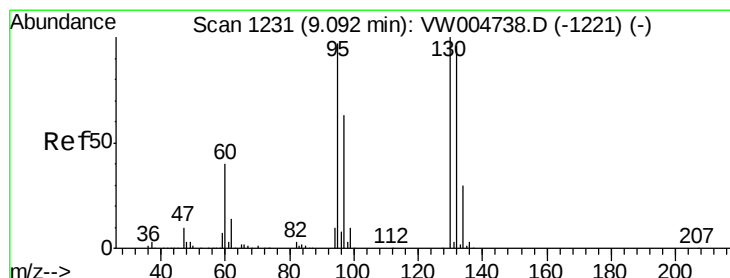
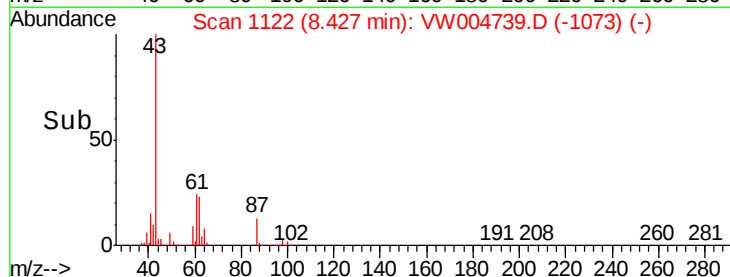
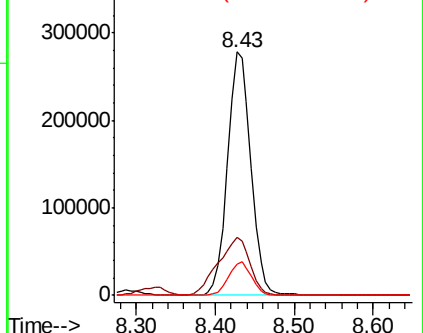
#43
Isopropyl Acetate
Concen: 75.396 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
43	100		
61	32.4	26.2	39.4
87	13.7	10.9	16.3

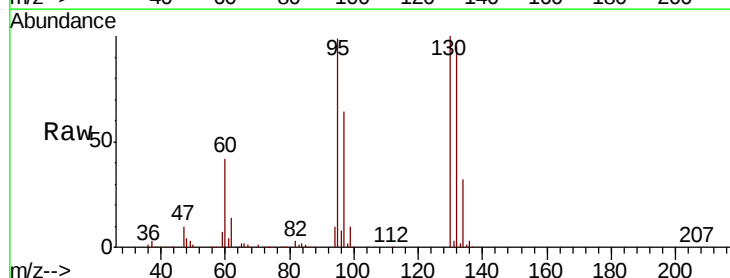


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

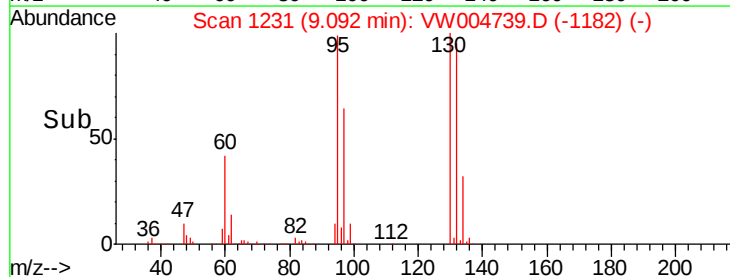
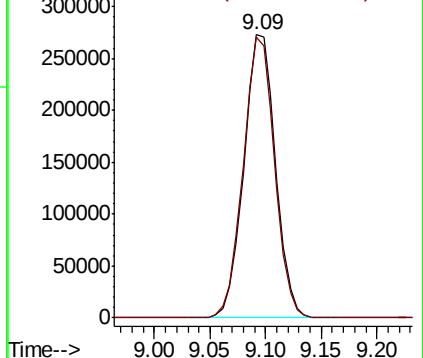


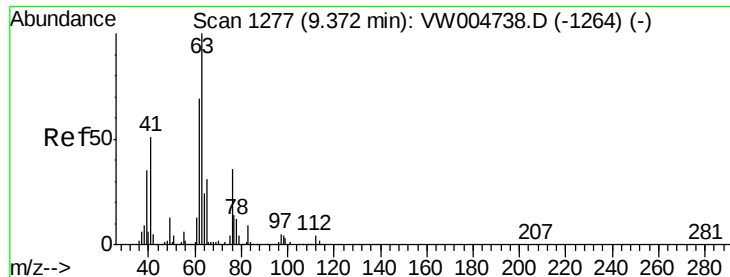
#44
Trichloroethene
Concen: 69.237 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	194.4



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

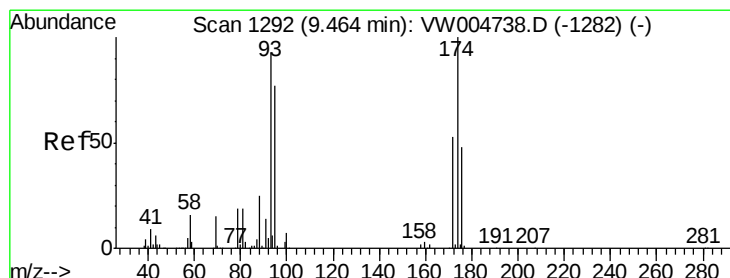
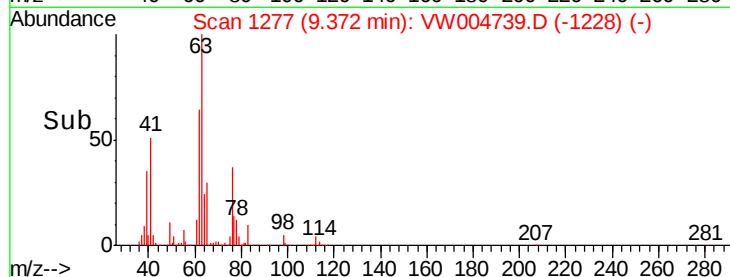
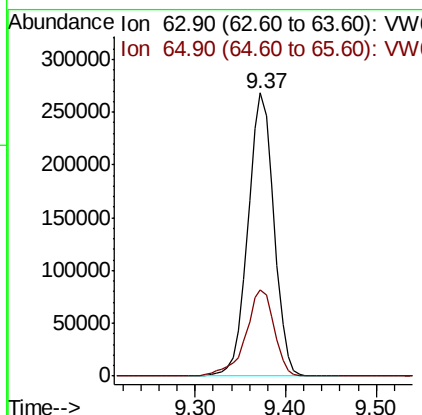
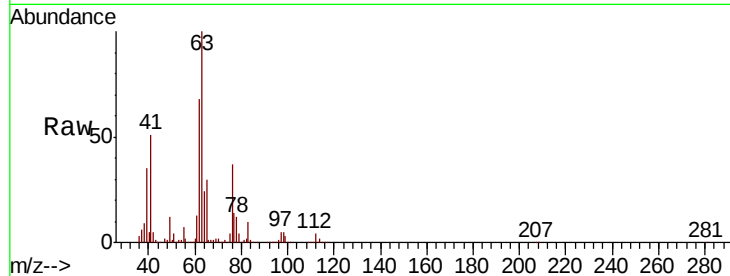




#45
 1,2-Dichloropropane
 Concen: 70.476 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

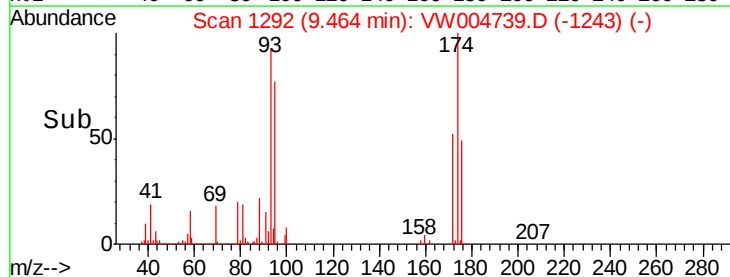
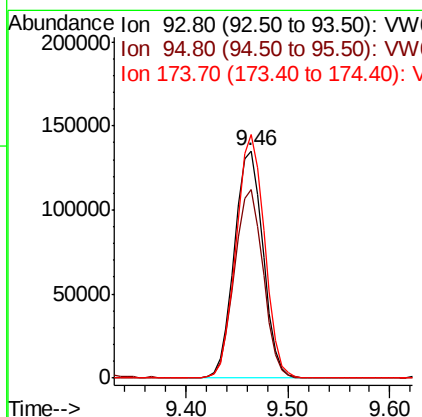
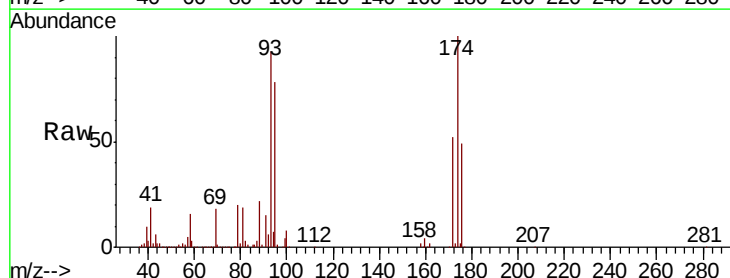
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

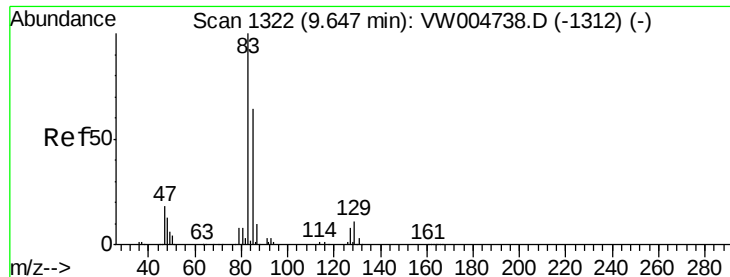
Tgt Ion: 63 Resp: 529099
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.6 37.0



#46
 Dibromomethane
 Concen: 70.872 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion: 93 Resp: 263594
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.6 99.8
 174 106.2 85.3 127.9





#47

Bromodichloromethane

Concen: 71.288 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

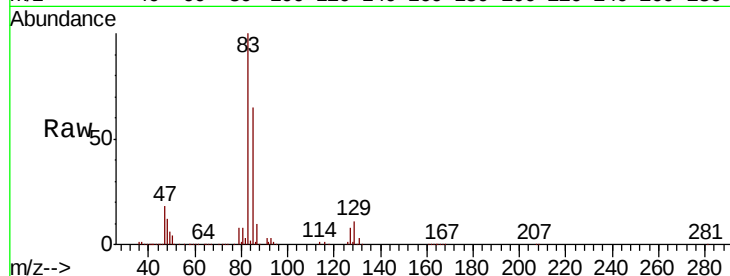
Tgt Ion: 83 Resp: 633221

Ion Ratio Lower Upper

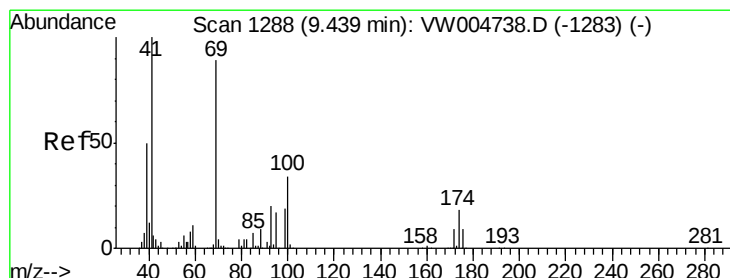
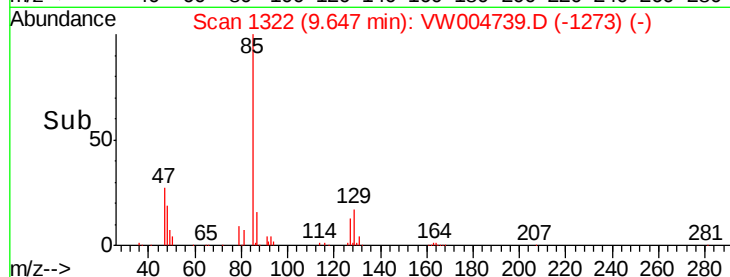
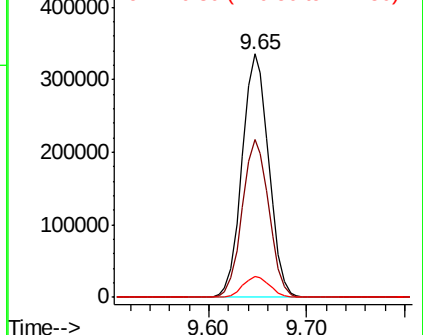
83 100

85 64.7 51.2 76.8

127 8.5 6.7 10.1



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



#48

Methyl methacrylate

Concen: 76.620 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

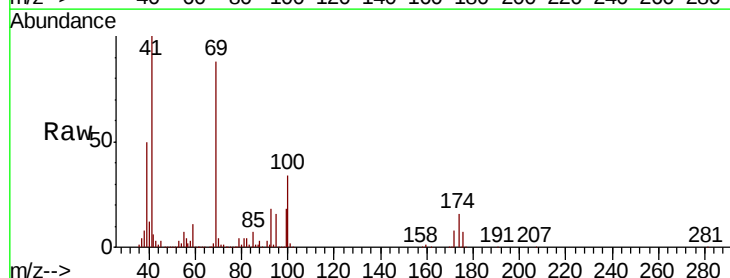
Tgt Ion: 41 Resp: 271868

Ion Ratio Lower Upper

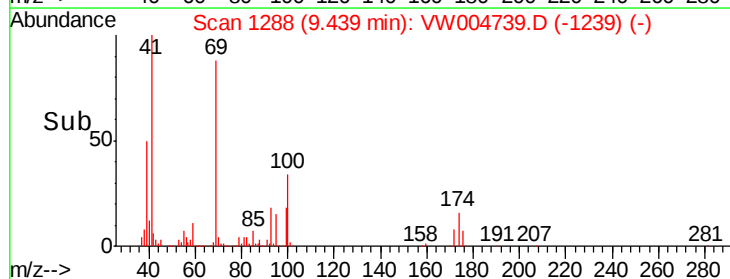
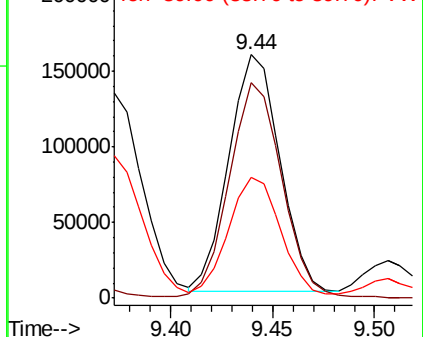
41 100

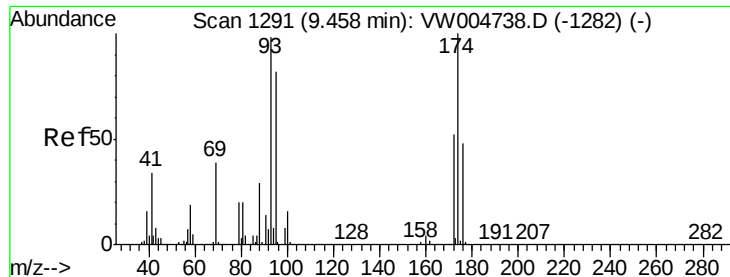
69 94.5 75.2 112.8

39 49.8 39.8 59.6



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





#49

1,4-Dioxane

Concen: 1547.252 ug/l

RT: 9.47 min Scan# 1293

Delta R.T. 0.01 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

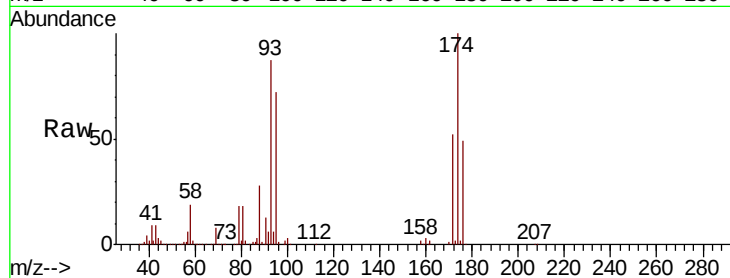
Tgt Ion: 88 Resp: 84076

Ion Ratio Lower Upper

88 100

43 0.0 22.9 34.3#

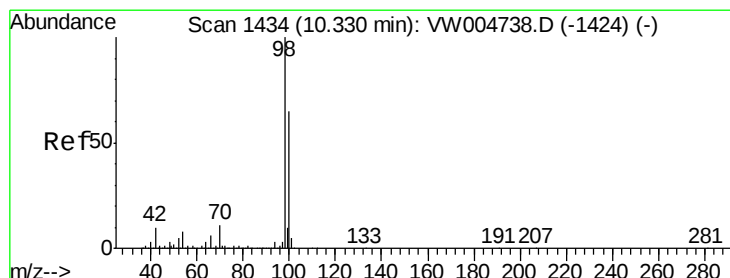
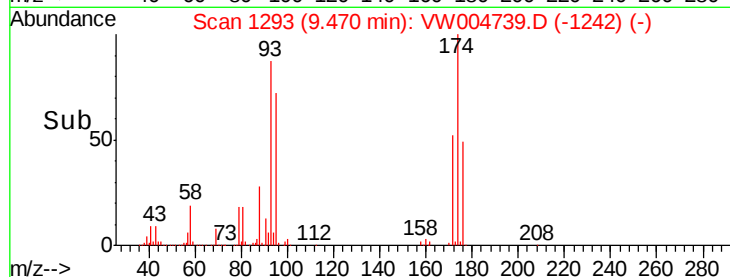
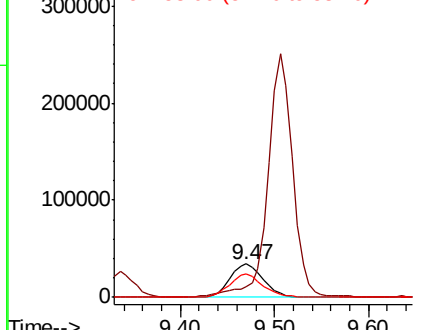
58 72.8 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 72.140 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004739.D

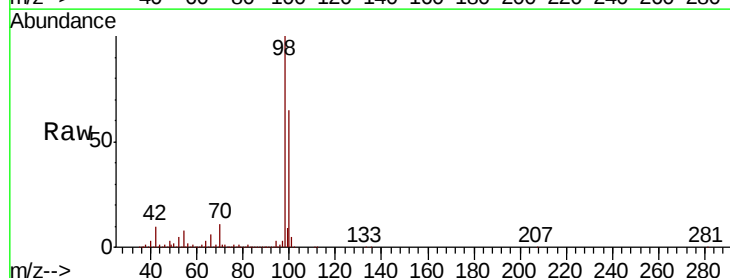
Acq: 17 Aug 2018 17:37

Tgt Ion: 98 Resp: 1845085

Ion Ratio Lower Upper

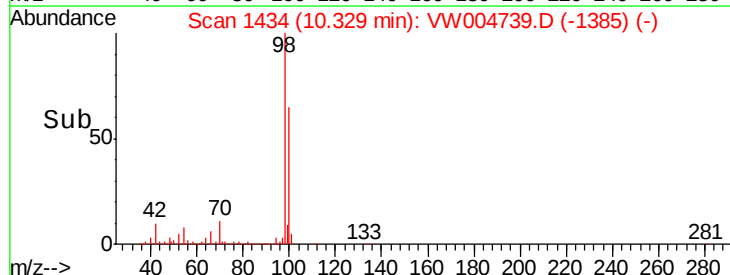
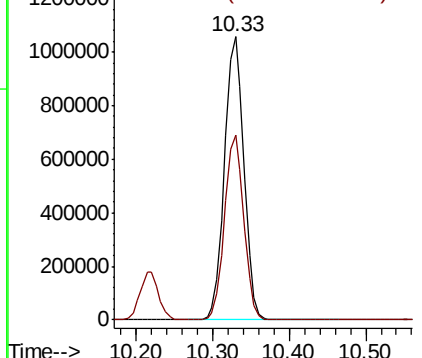
98 100

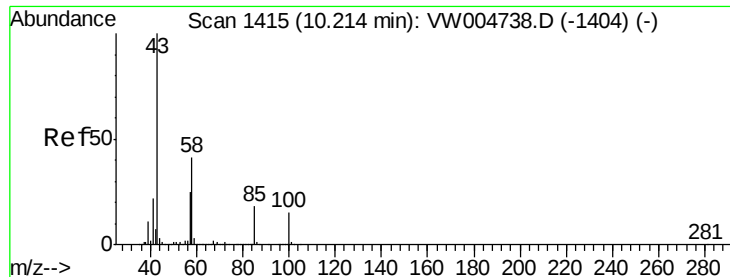
100 64.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

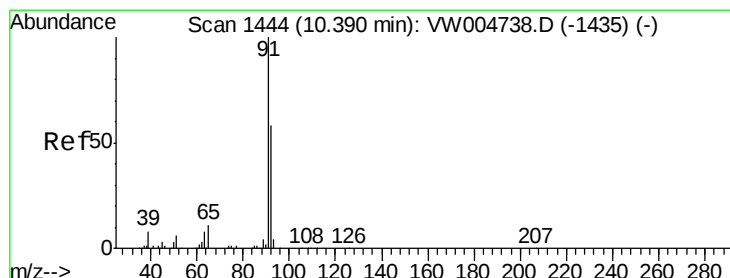
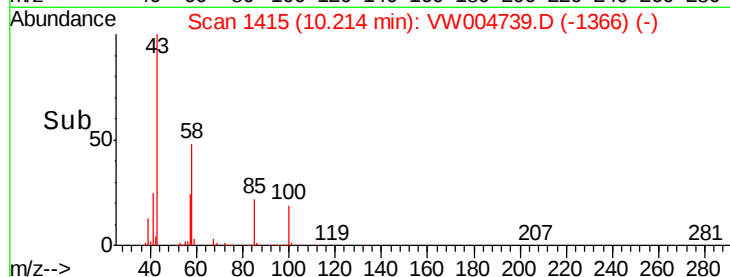
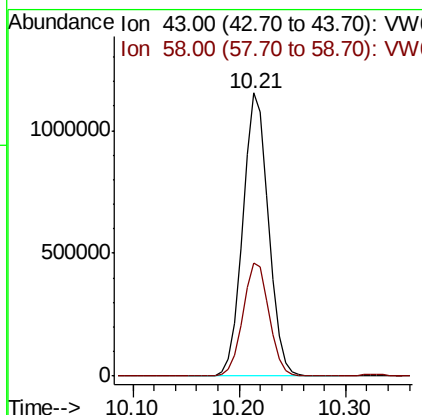
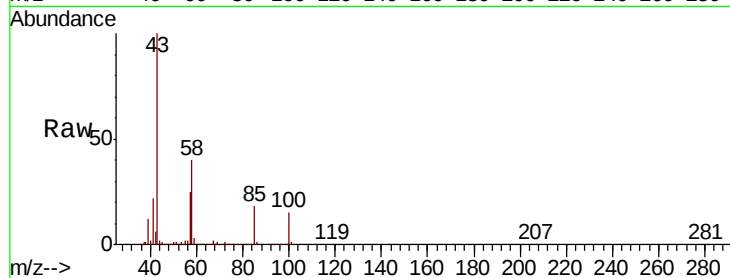




#51
4-Methyl-2-Pentanone
Concen: 382.029 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

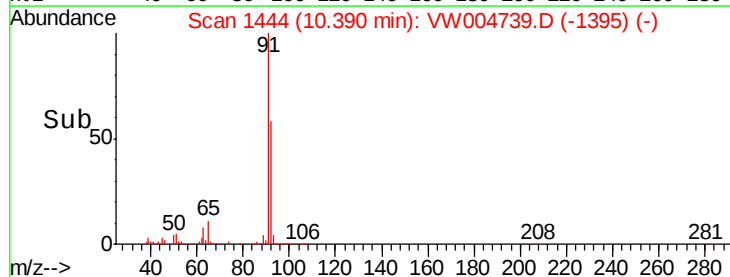
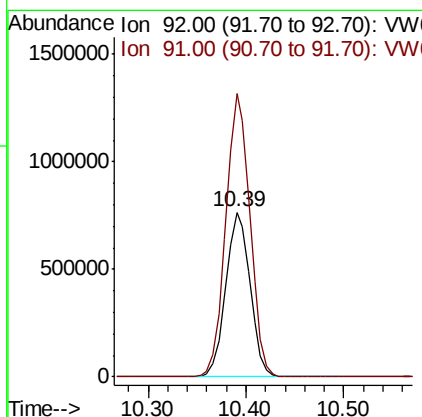
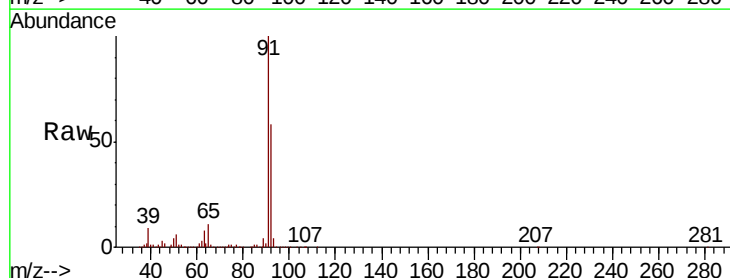
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

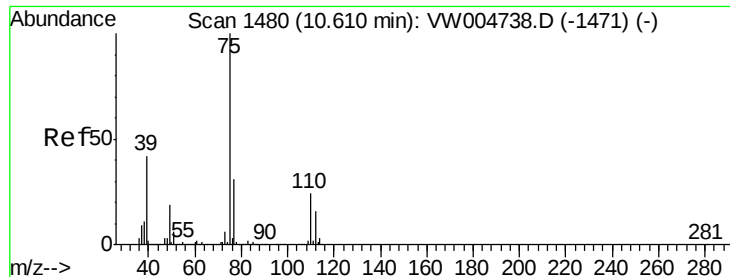
Tgt Ion: 43 Resp: 1952414
Ion Ratio Lower Upper
43 100
58 40.8 32.7 49.1



#52
Toluene
Concen: 71.179 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion: 92 Resp: 1310206
Ion Ratio Lower Upper
92 100
91 172.0 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 74.487 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

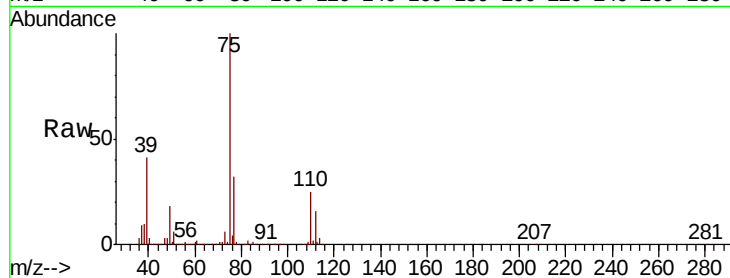
VSTDIC075

Tgt Ion: 75 Resp: 666607

Ion Ratio Lower Upper

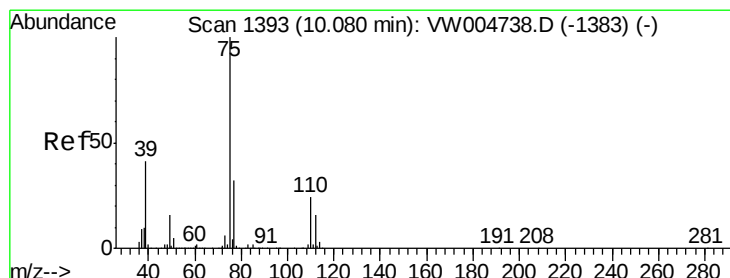
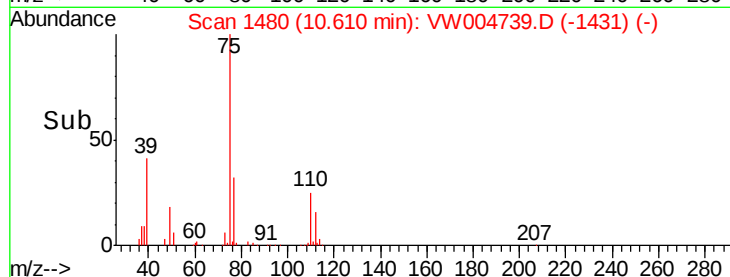
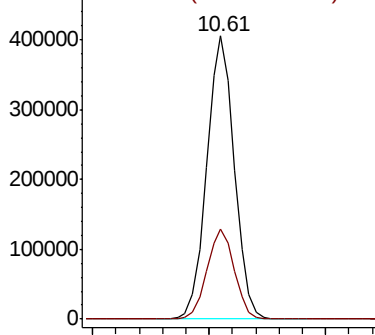
75 100

77 31.8 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 73.286 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

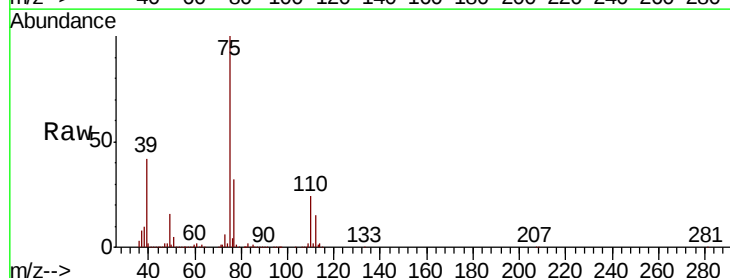
Tgt Ion: 75 Resp: 781887

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

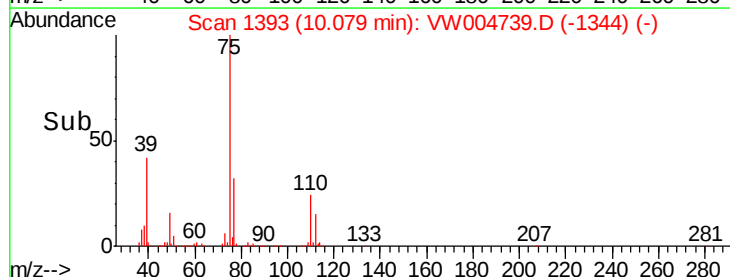
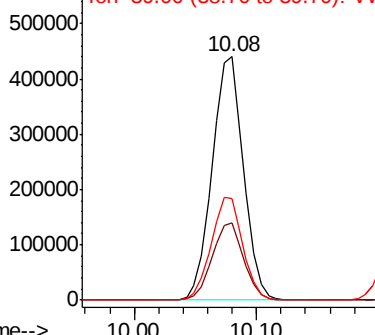
39 41.7 33.0 49.4

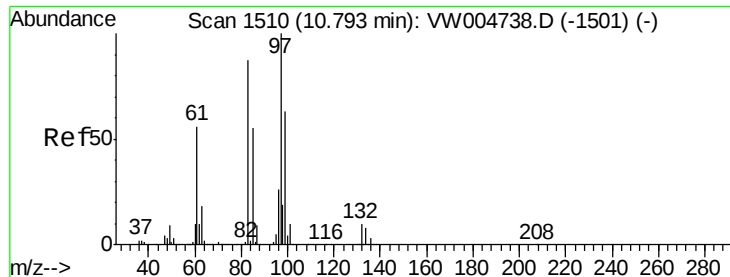


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

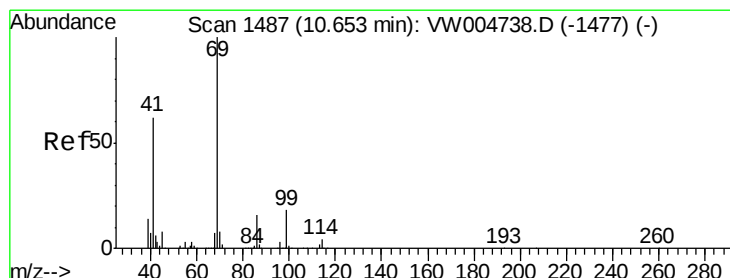
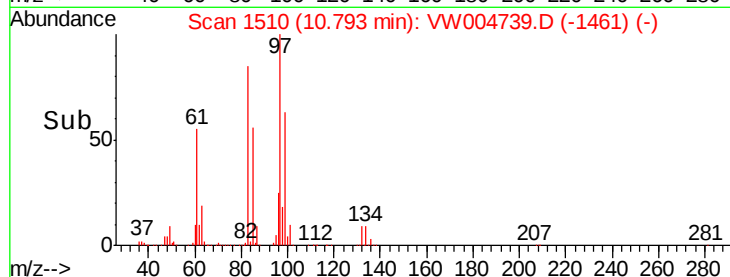
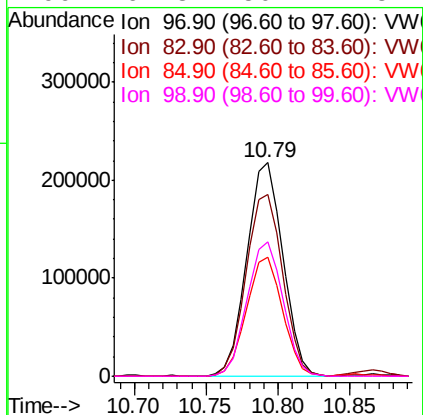
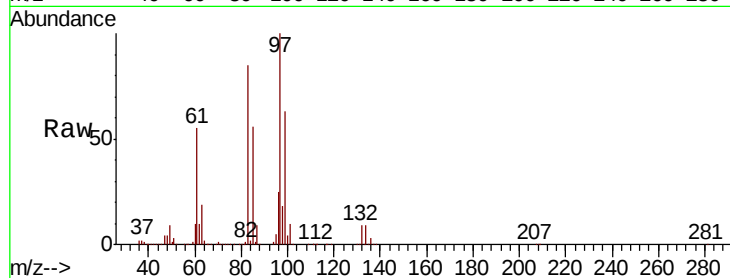




#55
 1,1,2-Trichloroethane
 Concen: 71.243 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

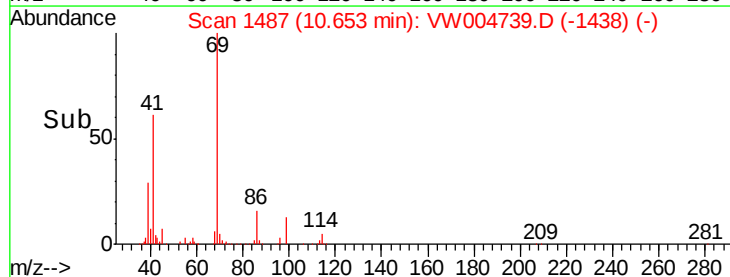
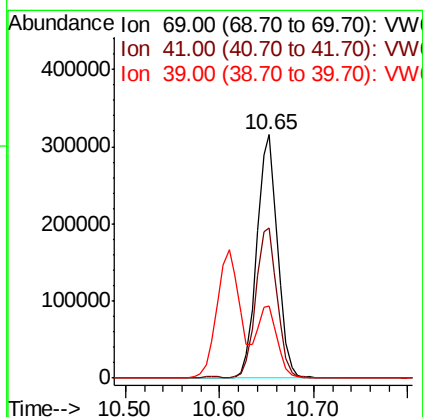
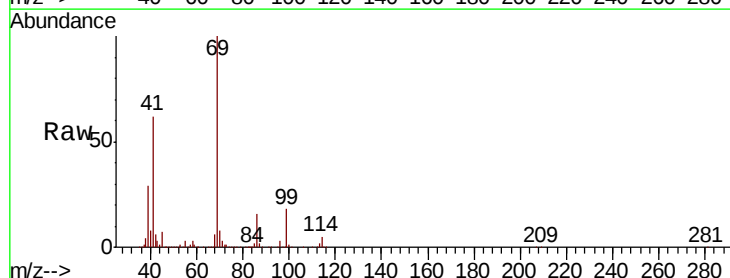
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

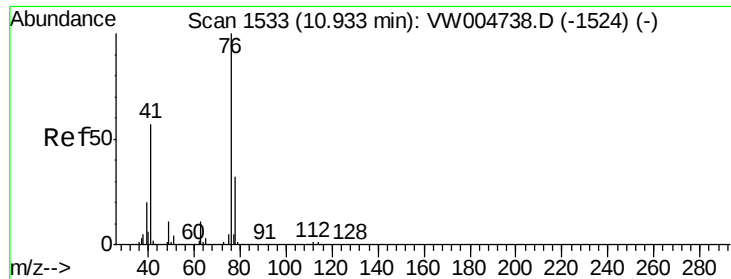
Tgt Ion:	97	Resp:	376655
Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.4	104.2
85	55.8	44.3	66.5
99	62.8	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 78.758 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion:	69	Resp:	491872
Ion	Ratio	Lower	Upper
69	100		
41	63.2	50.7	76.1
39	26.9	21.4	32.2

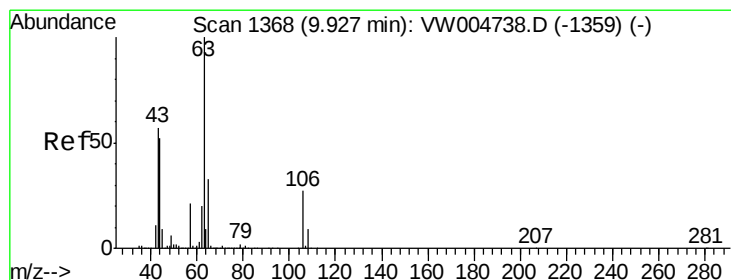
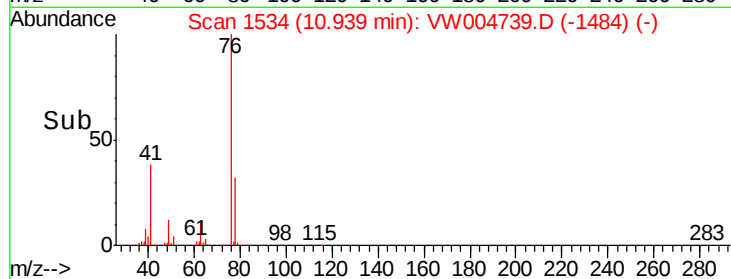
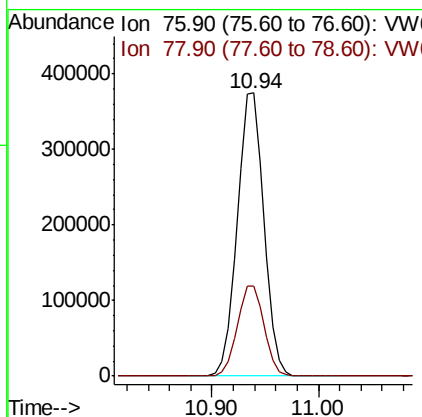
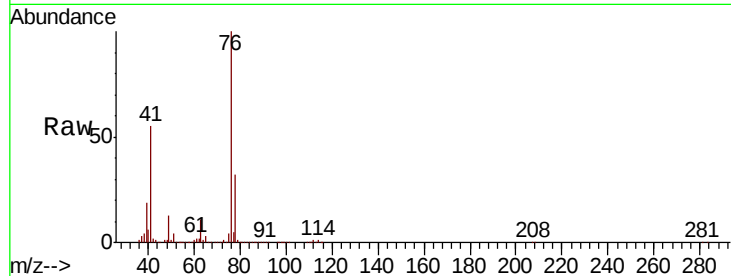




#57
 1,3-Dichloropropane
 Concen: 72.100 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

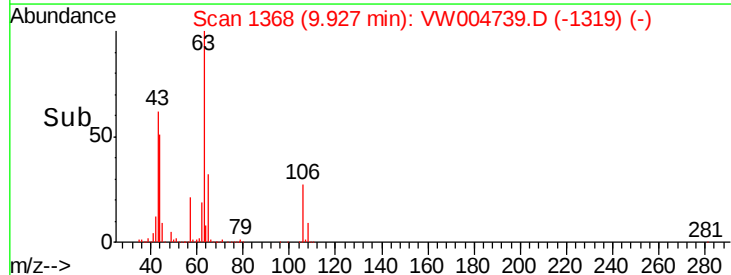
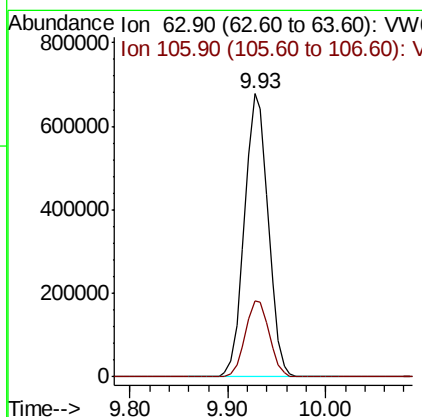
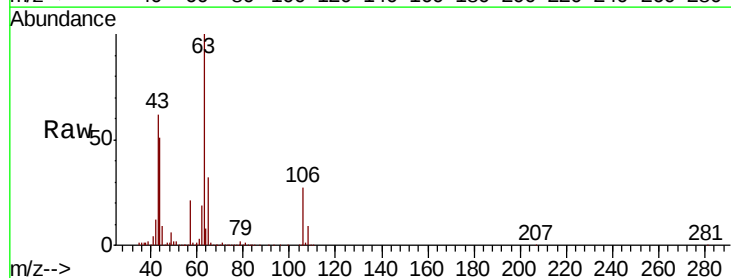
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

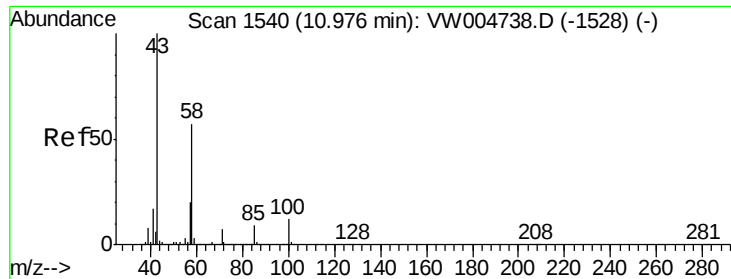
Tgt Ion: 76 Resp: 657988
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 390.030 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion: 63 Resp: 1138787
 Ion Ratio Lower Upper
 63 100
 106 27.3 22.1 33.1

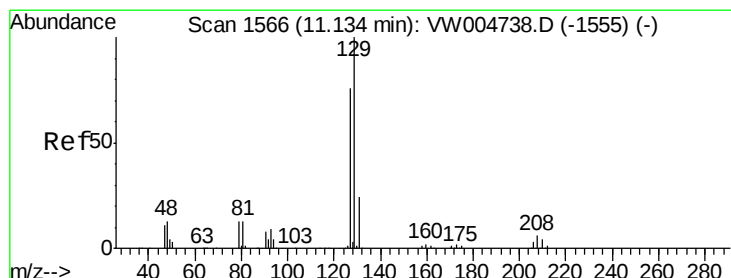
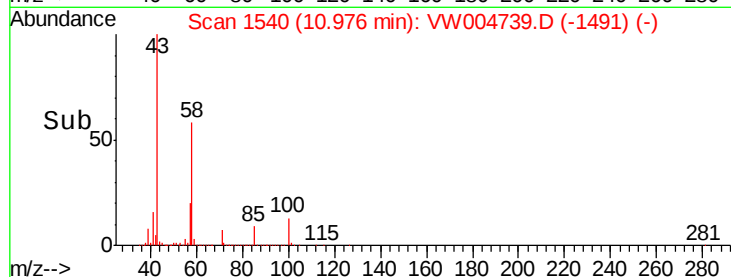
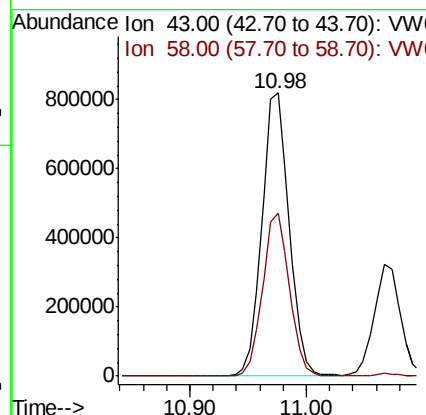
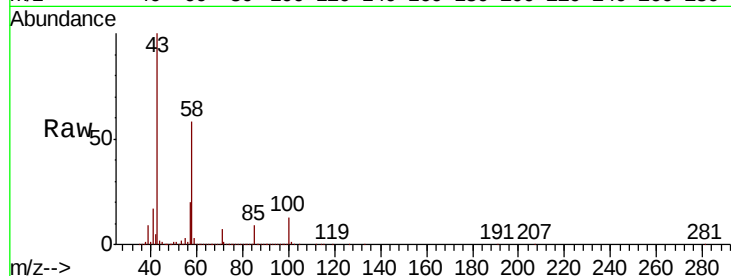




#59
2-Hexanone
Concen: 383.804 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

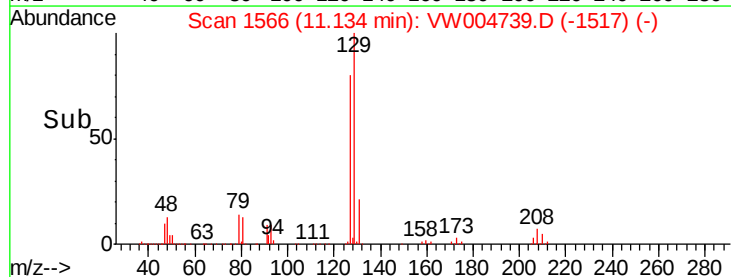
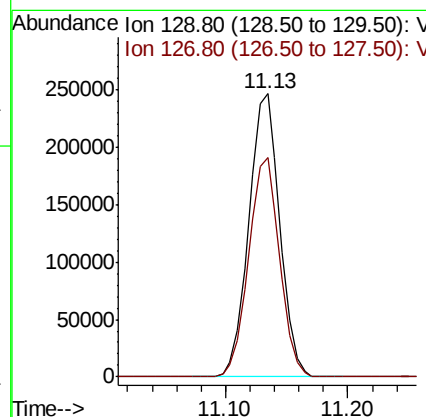
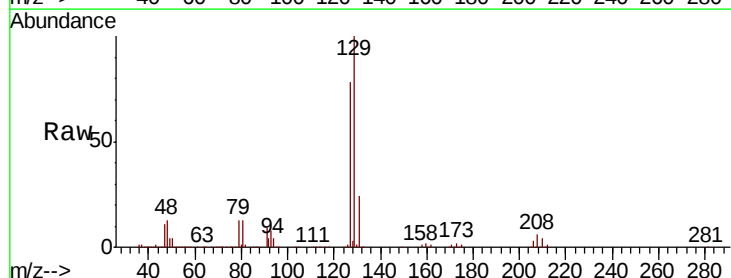
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

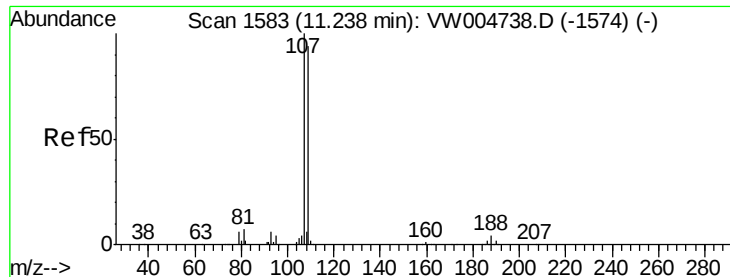
Tgt Ion: 43 Resp: 1329039
Ion Ratio Lower Upper
43 100
58 56.7 28.1 84.4



#60
Dibromochloromethane
Concen: 73.000 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion: 129 Resp: 433006
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 71.324 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

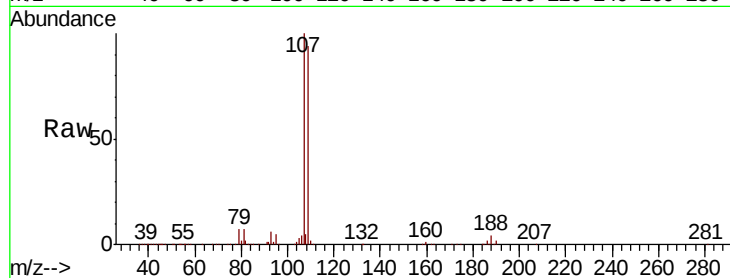
VSTDIC075

Tgt Ion: 107 Resp: 360445

Ion Ratio Lower Upper

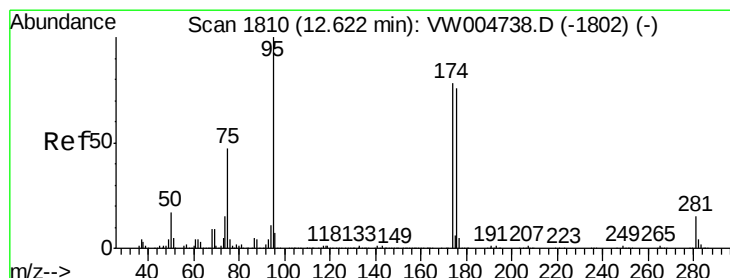
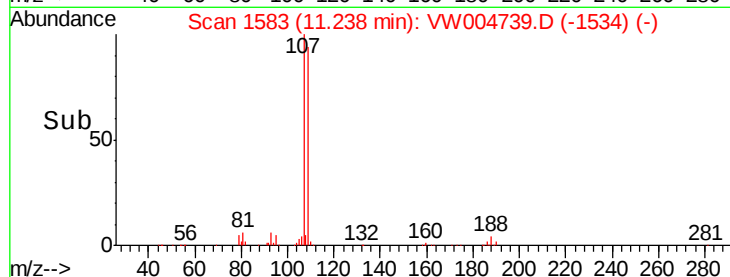
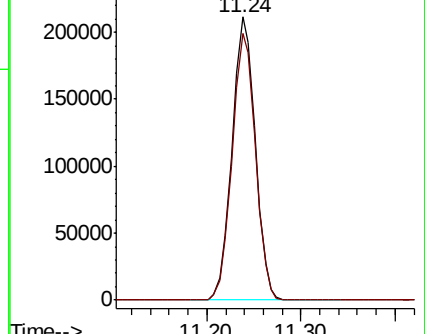
107 100

109 95.1 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 73.431 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

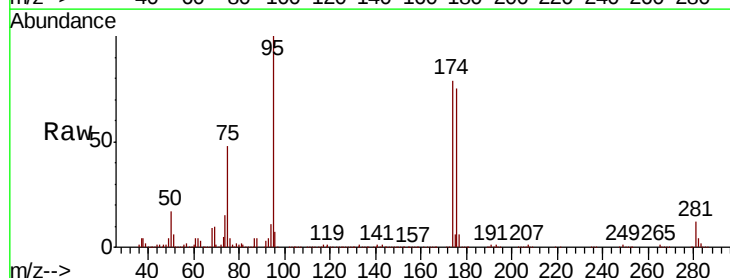
Tgt Ion: 95 Resp: 675674

Ion Ratio Lower Upper

95 100

174 82.1 0.0 165.8

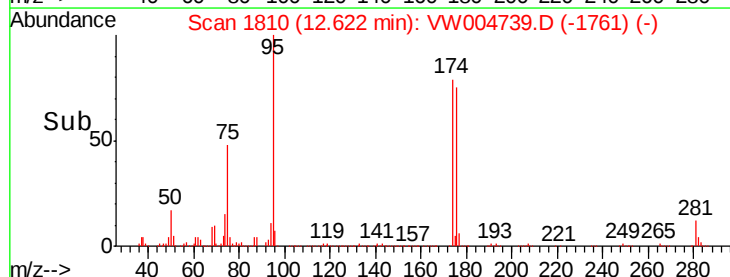
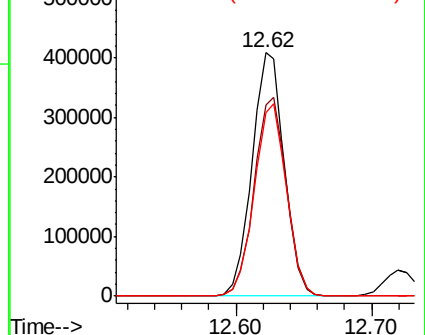
176 79.0 0.0 159.8

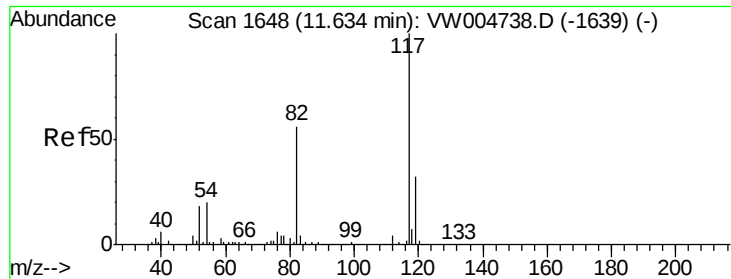


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

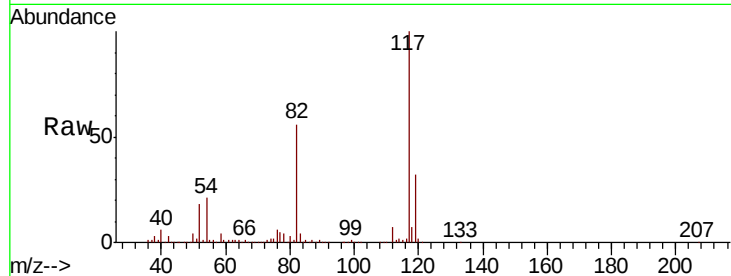




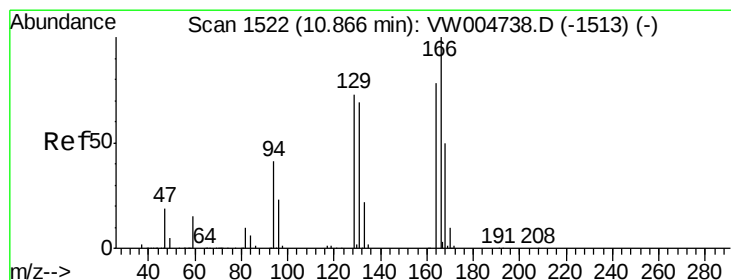
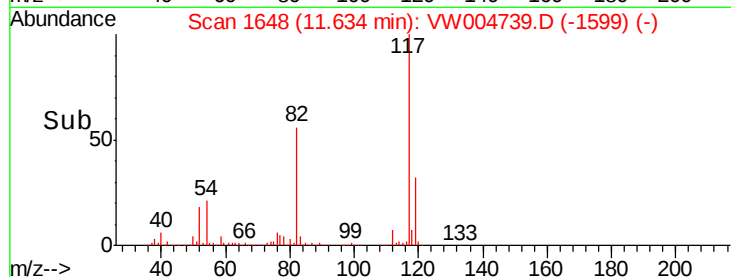
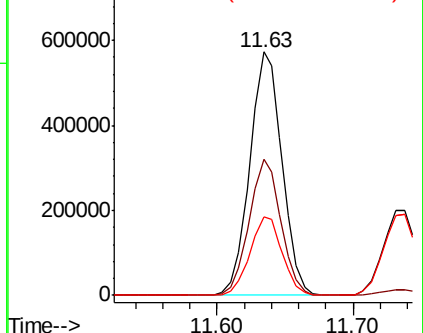
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:117 Resp: 951603
Ion Ratio Lower Upper
117 100
82 55.9 44.6 67.0
119 32.2 25.6 38.4

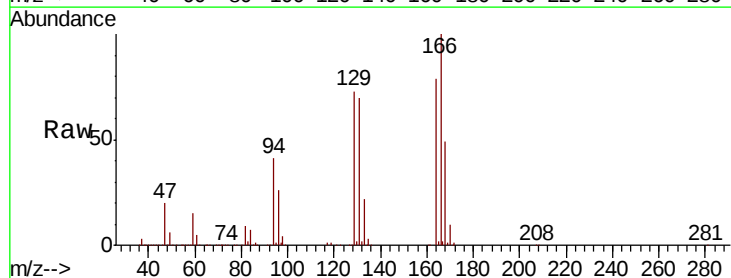


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

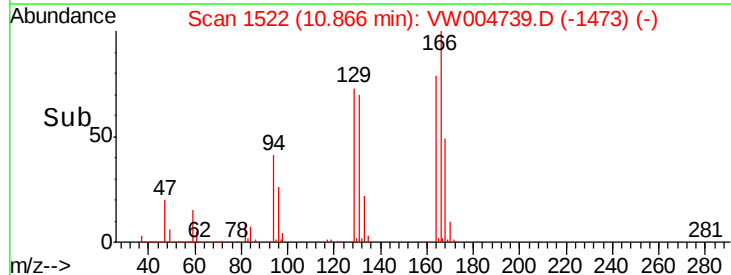
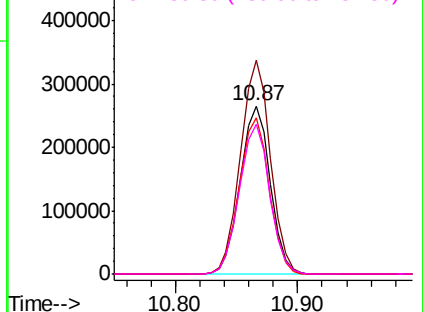


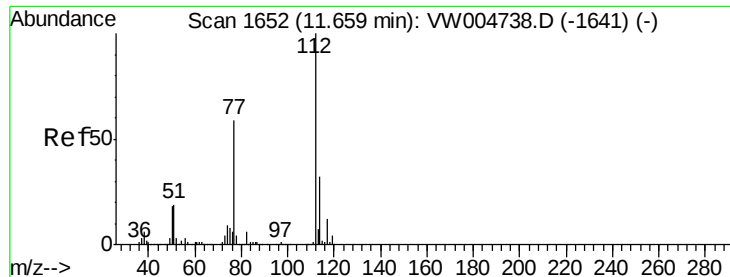
#64
Tetrachloroethene
Concen: 69.331 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion:164 Resp: 450889
Ion Ratio Lower Upper
164 100
166 127.1 102.5 153.7
129 93.3 75.1 112.7
131 88.8 71.3 106.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

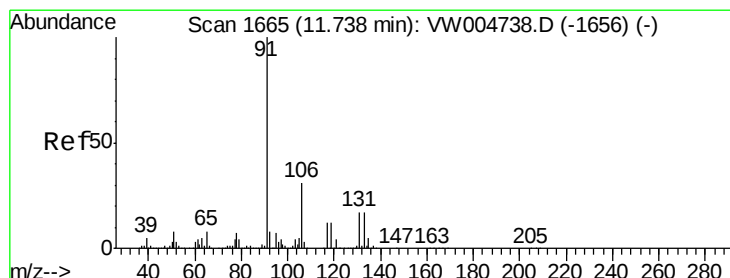
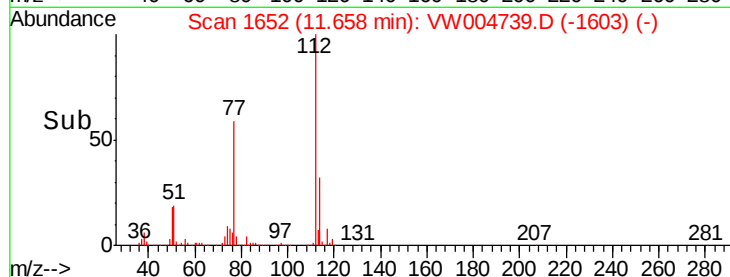
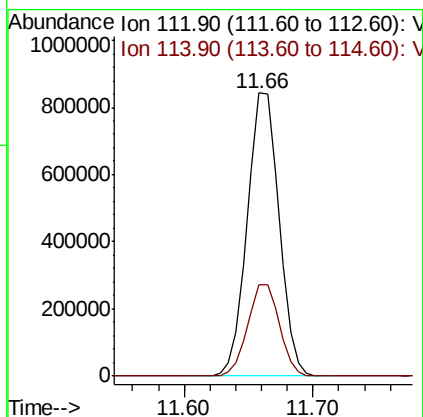
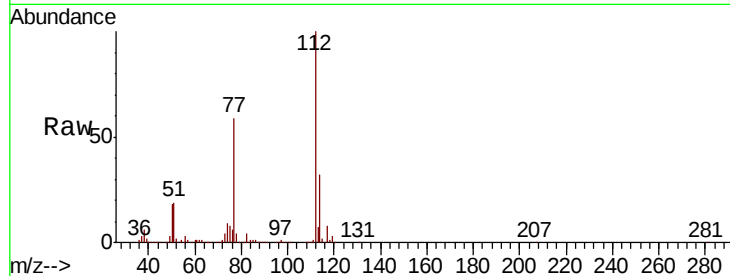




#65
Chlorobenzene
Concen: 70.211 ug/l
RT: 11.66 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

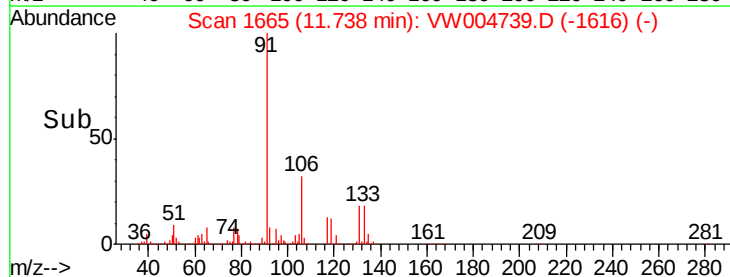
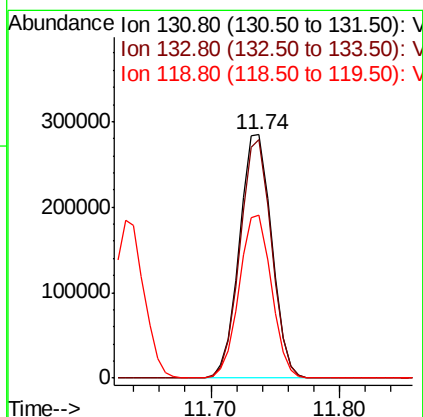
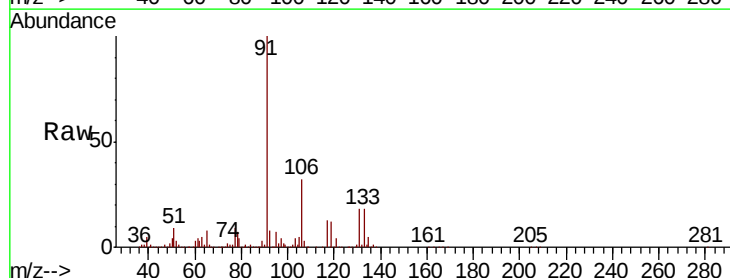
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

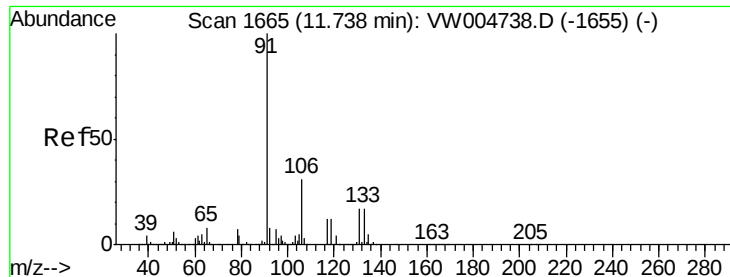
Tgt Ion:112 Resp: 1438031
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 71.456 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion:131 Resp: 494162
Ion Ratio Lower Upper
131 100
133 95.6 48.2 144.6
119 66.9 34.0 102.0

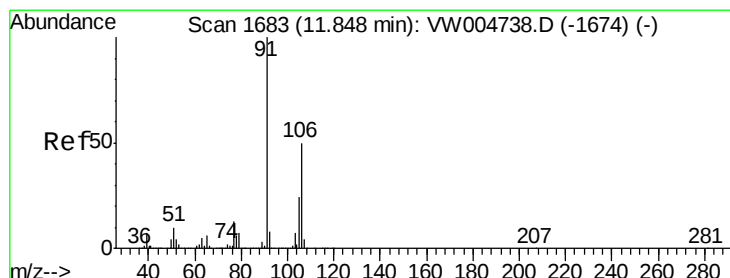
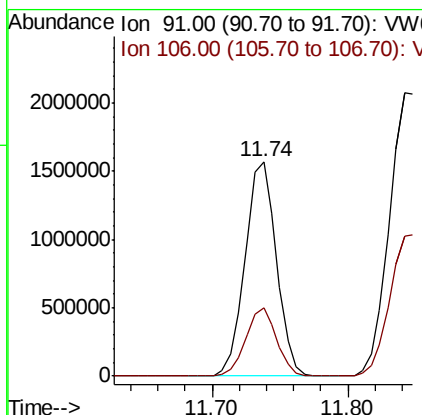
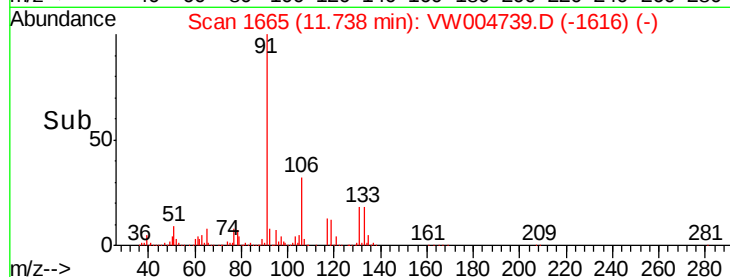
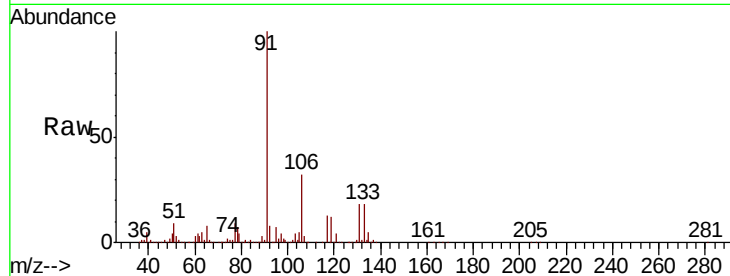




#67
Ethyl Benzene
Concen: 73.043 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

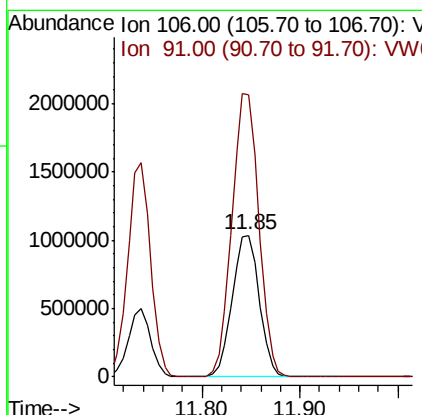
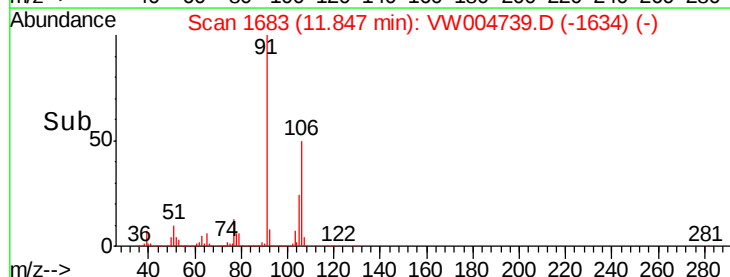
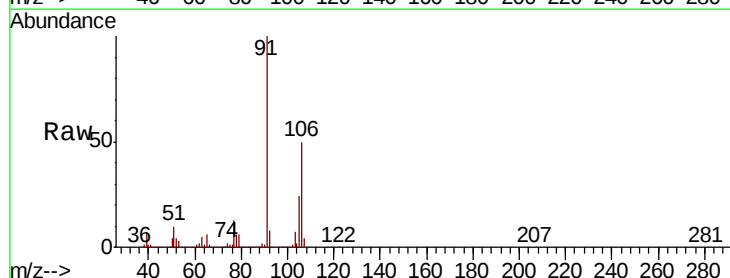
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

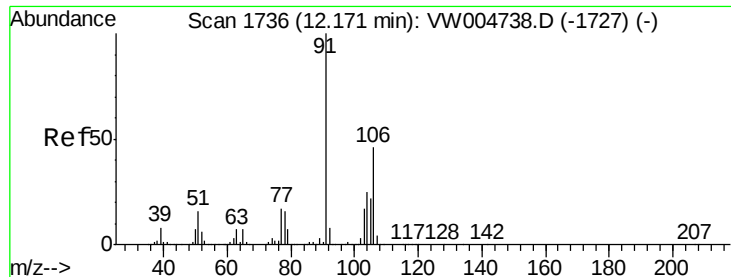
Tgt Ion: 91 Resp: 2536185
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 146.659 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion: 106 Resp: 1981178
Ion Ratio Lower Upper
106 100
91 199.8 159.9 239.9

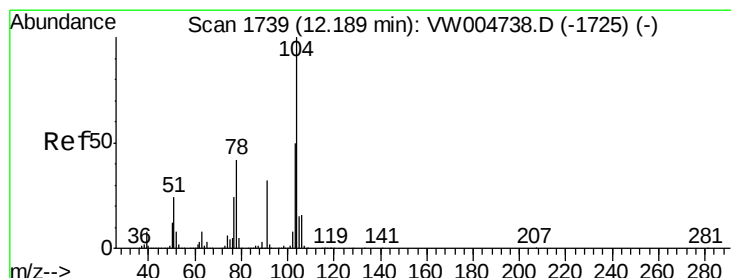
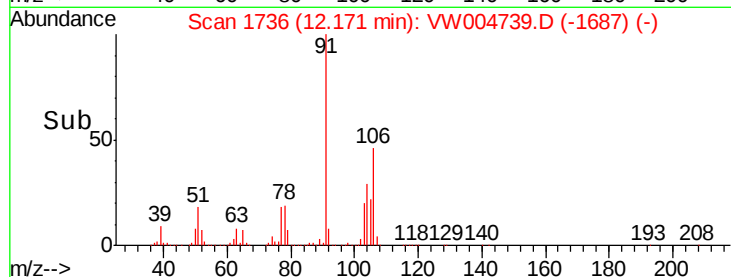
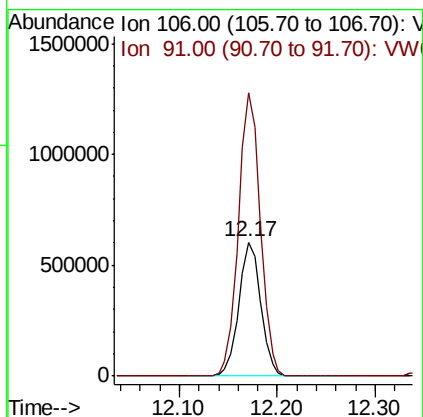
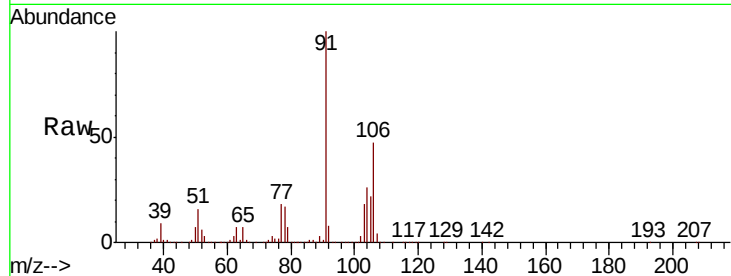




#69
o-Xylene
Concen: 75.086 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

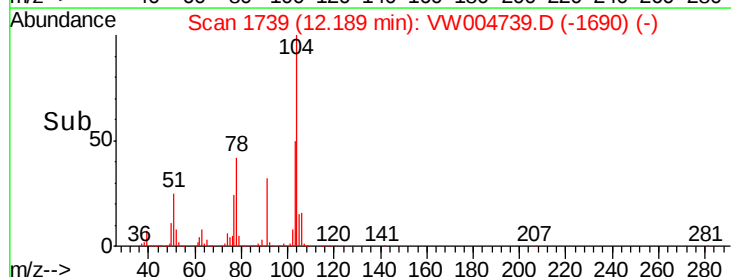
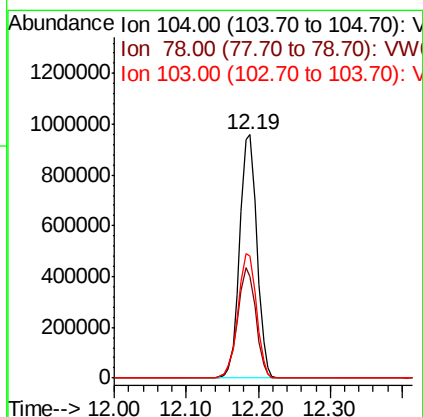
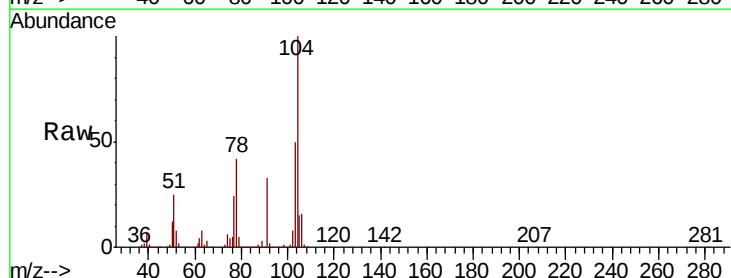
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

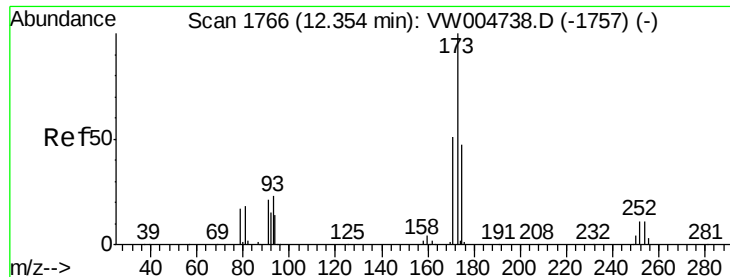
Tgt Ion:106 Resp: 938999
Ion Ratio Lower Upper
106 100
91 211.4 107.3 321.8



#70
Styrene
Concen: 75.308 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion:104 Resp: 1581973
Ion Ratio Lower Upper
104 100
78 48.3 38.4 57.6
103 55.2 44.1 66.1

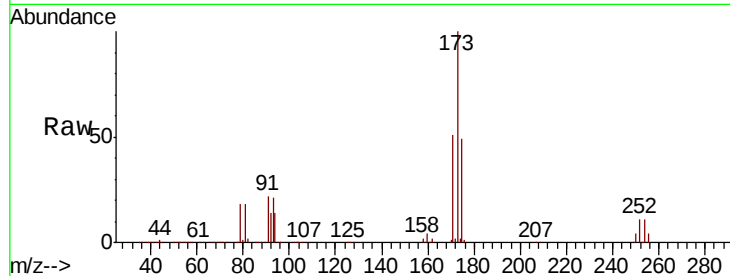




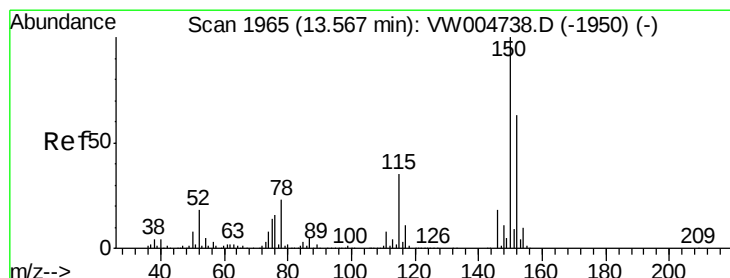
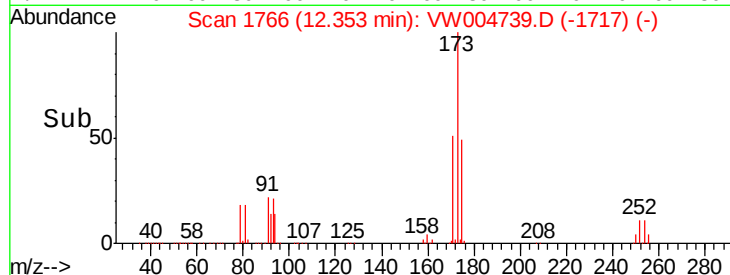
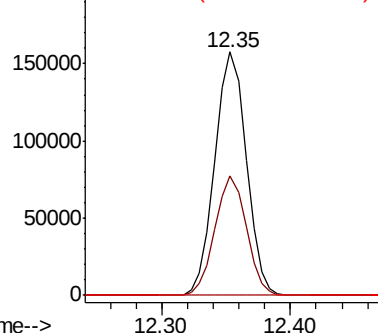
#71
Bromoform
Concen: 72.940 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:173 Resp: 266242
Ion Ratio Lower Upper
173 100
175 48.9 23.8 71.4
254 0.1 0.1 0.1#

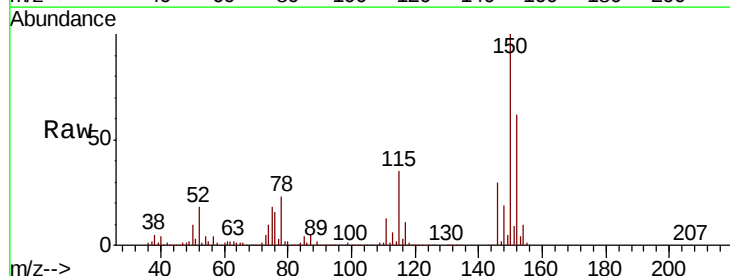


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

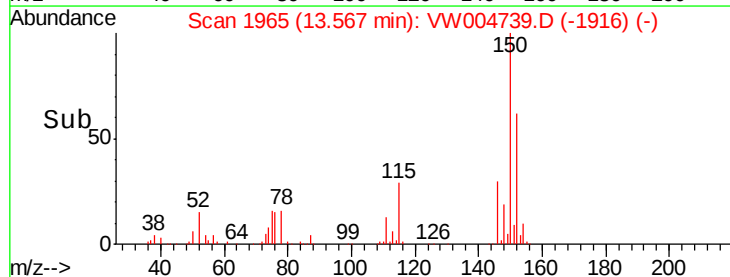
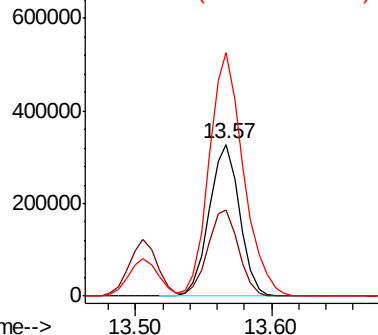


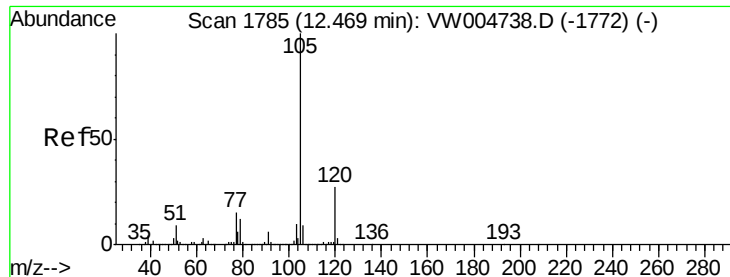
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion:152 Resp: 509277
Ion Ratio Lower Upper
152 100
115 57.2 28.5 85.5
150 181.0 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 73.953 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

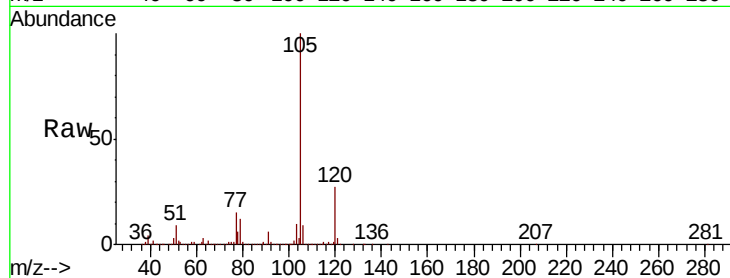
VSTDIC075

Tgt Ion:105 Resp: 2562222

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

1500000

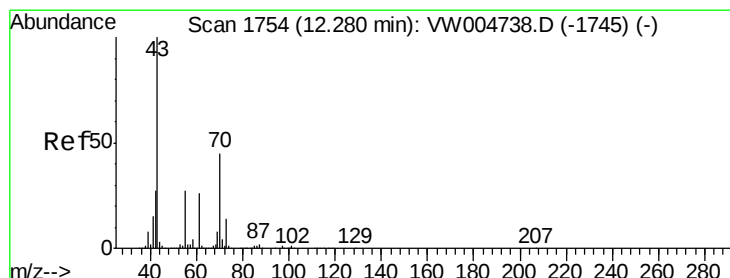
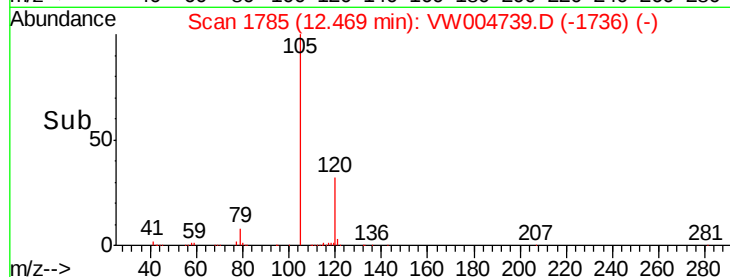
1000000

500000

0

Time-->

12.40 12.50



#74

N-ethyl acetate

Concen: 77.053 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Tgt Ion: 43 Resp: 559632

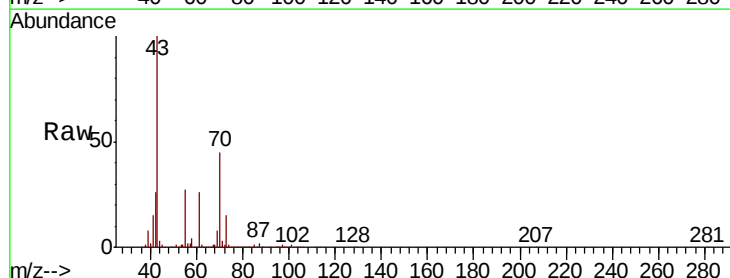
Ion Ratio Lower Upper

43 100

70 45.0 36.3 54.5

55 27.5 22.6 33.8

61 25.6 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

600000

500000

400000

300000

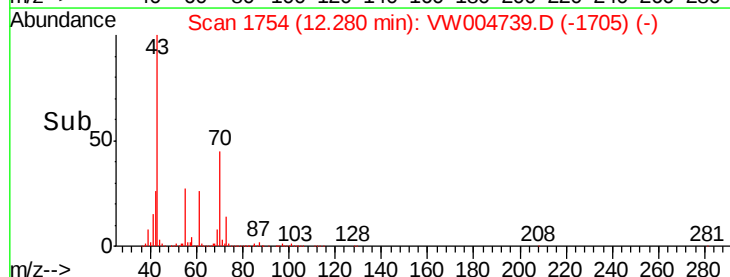
200000

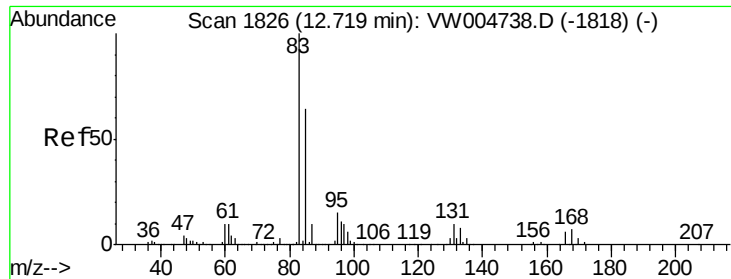
100000

0

Time-->

12.20 12.30 12.40

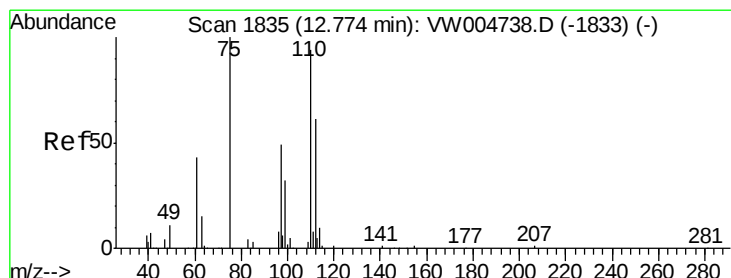
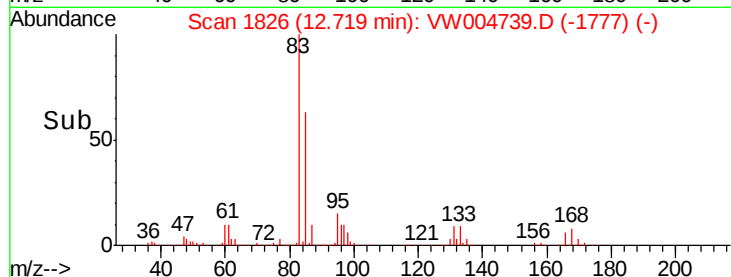
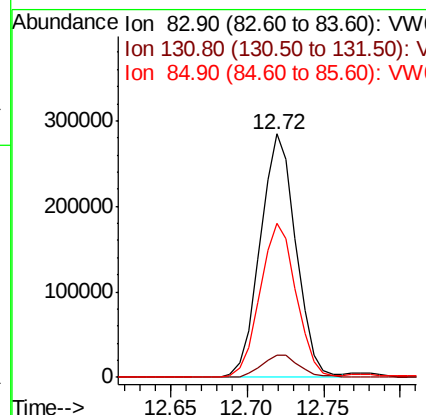
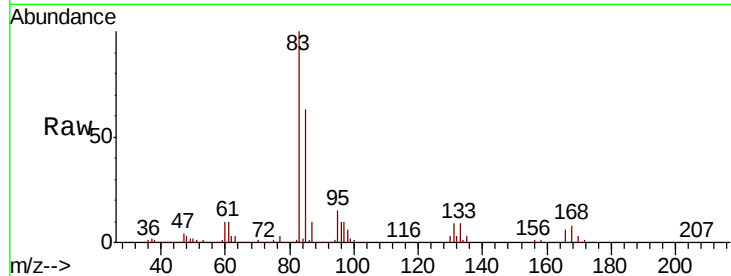




#75
 1,1,2,2-Tetrachloroethane
 Concen: 72.062 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

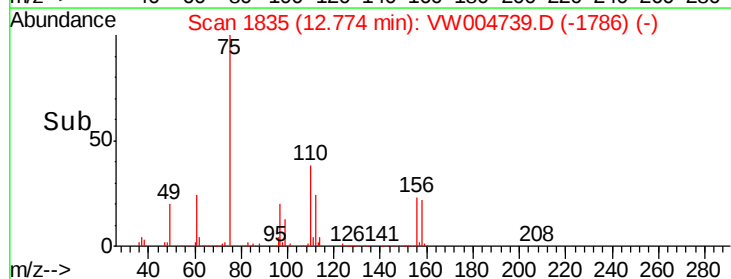
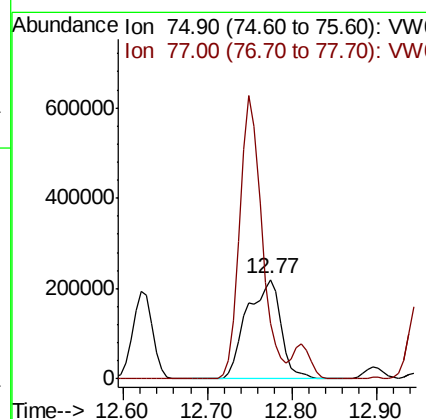
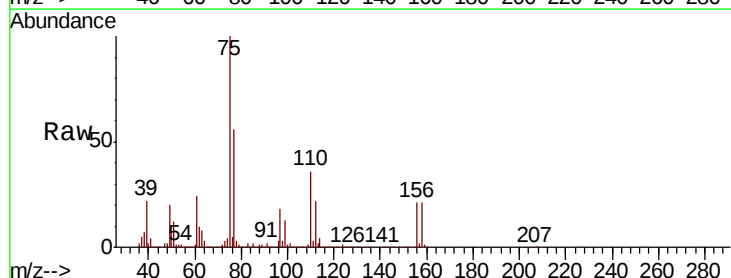
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

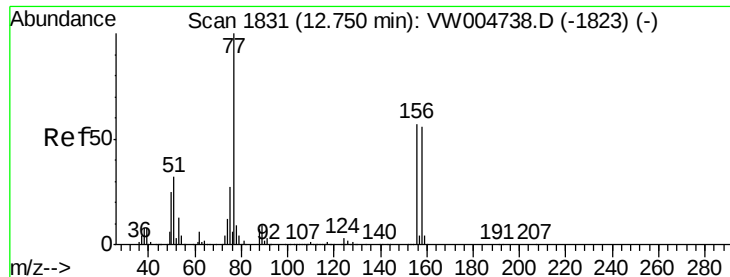
Tgt Ion: 83 Resp: 462509
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.3 15.8
 85 64.0 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 79.810 ug/l
 RT: 12.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion: 75 Resp: 602045
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 71.544 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

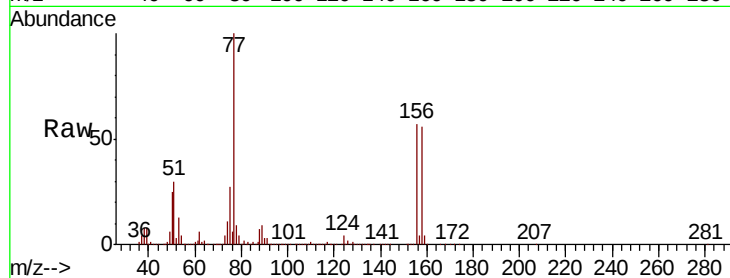
Tgt Ion: 156 Resp: 599986

Ion Ratio Lower Upper

156 100

77 186.7 94.2 282.4

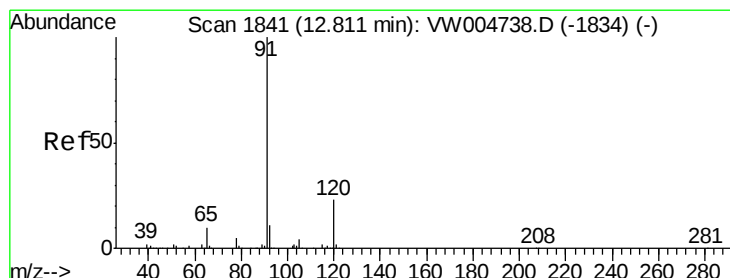
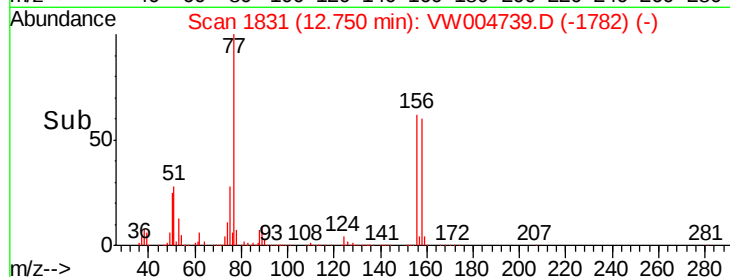
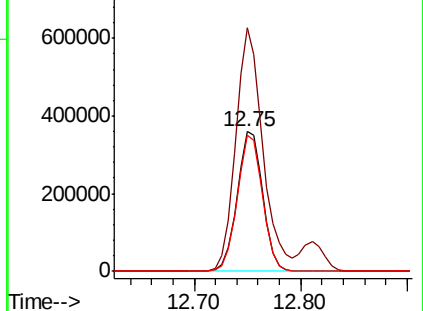
158 96.6 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 73.538 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004739.D

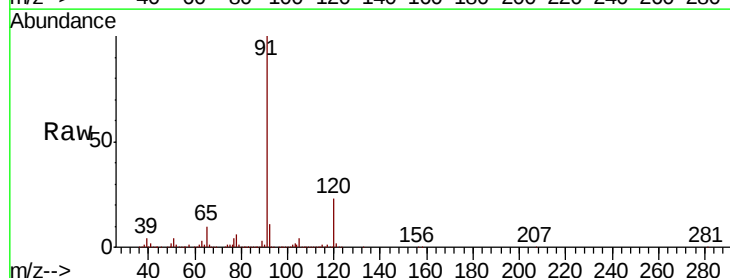
Acq: 17 Aug 2018 17:37

Tgt Ion: 91 Resp: 3109076

Ion Ratio Lower Upper

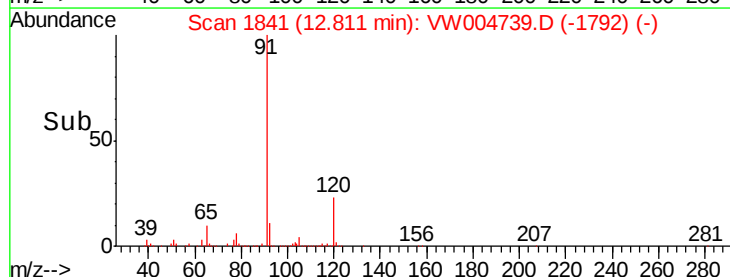
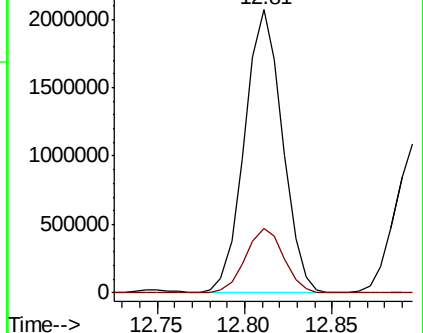
91 100

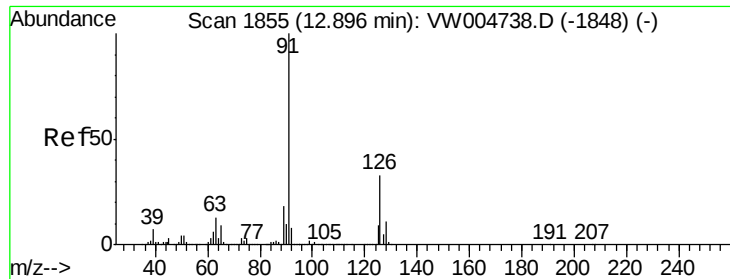
120 23.0 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 72.148 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

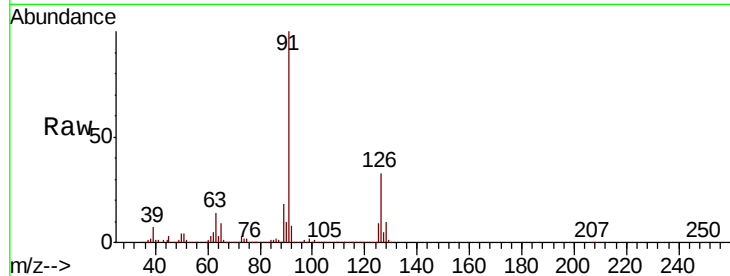
VSTDIC075

Tgt Ion: 91 Resp: 1758227

Ion Ratio Lower Upper

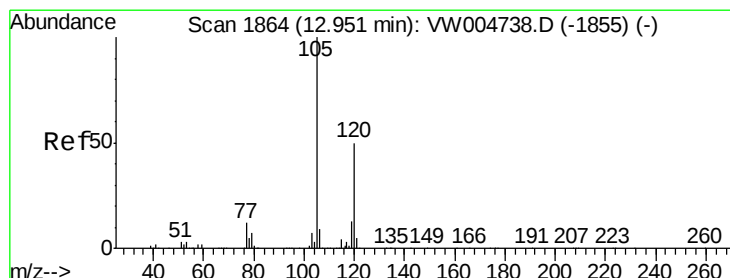
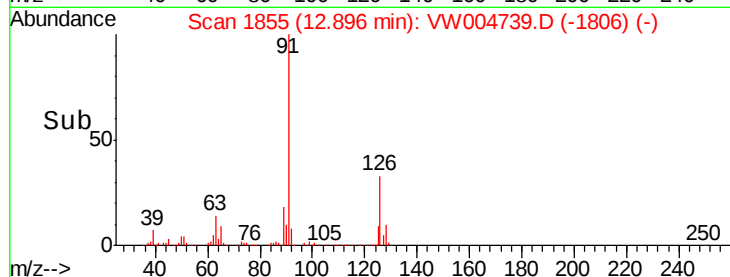
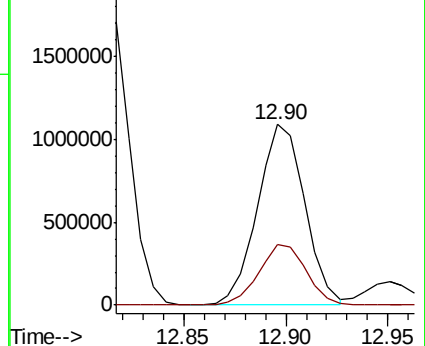
91 100

126 33.8 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 74.571 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004739.D

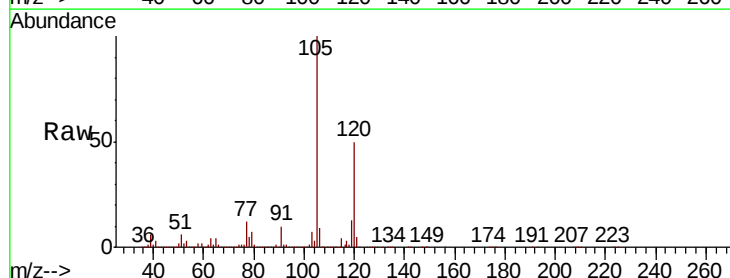
Acq: 17 Aug 2018 17:37

Tgt Ion: 105 Resp: 2194952

Ion Ratio Lower Upper

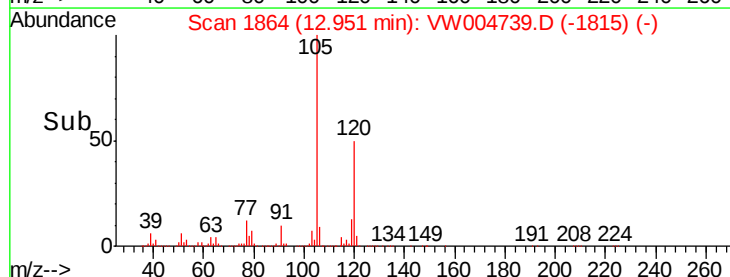
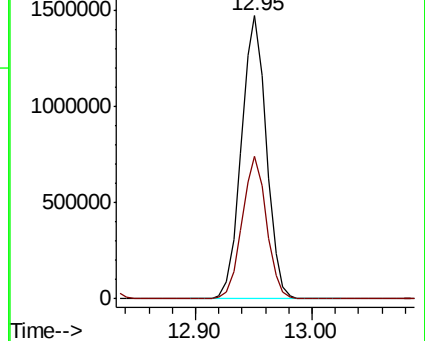
105 100

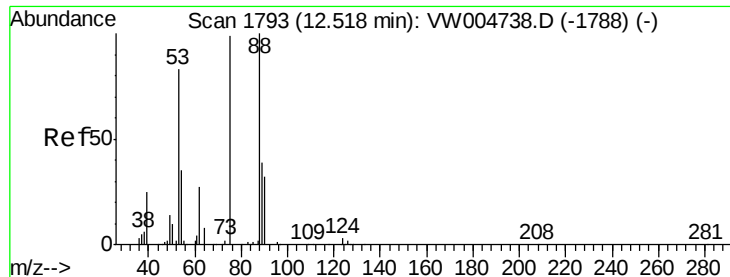
120 49.2 24.7 74.1



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: 76.292 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

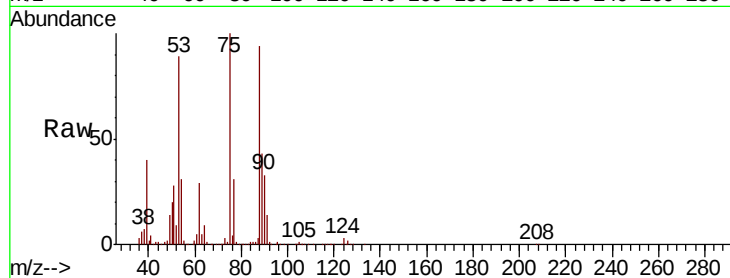
Tgt Ion: 75 Resp: 147359

Ion Ratio Lower Upper

75 100

53 89.7 72.2 108.4

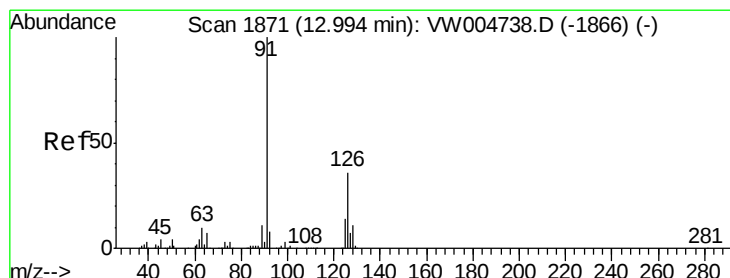
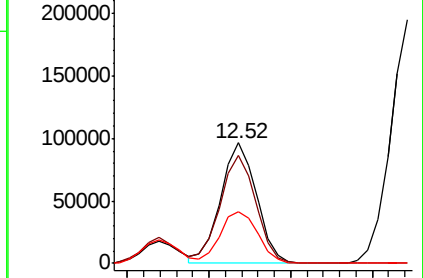
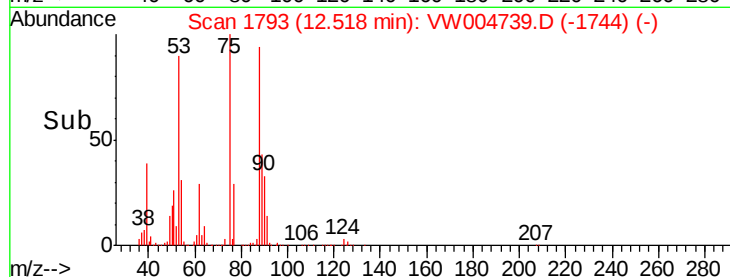
89 44.7 35.2 52.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 72.153 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004739.D

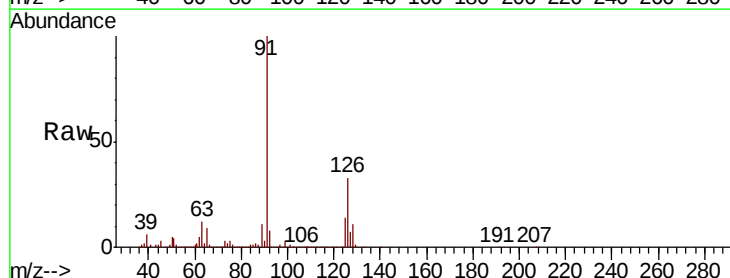
Acq: 17 Aug 2018 17:37

Tgt Ion: 91 Resp: 1868256

Ion Ratio Lower Upper

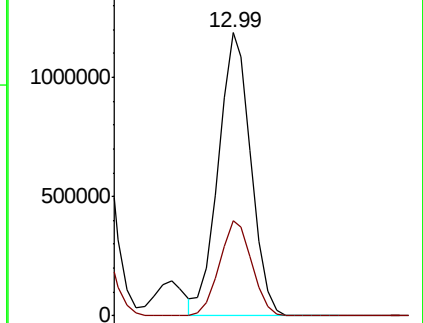
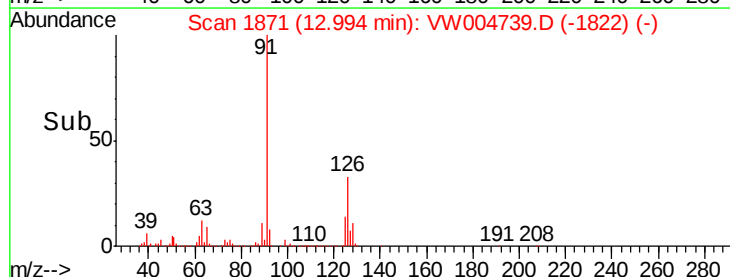
91 100

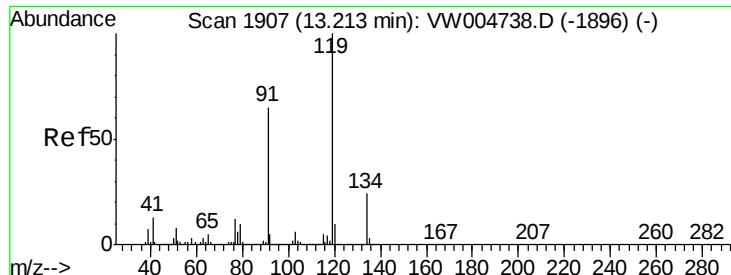
126 33.5 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

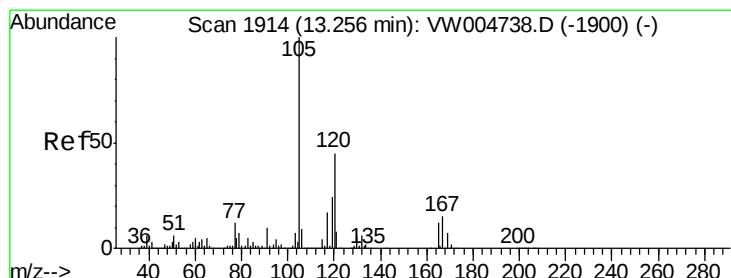
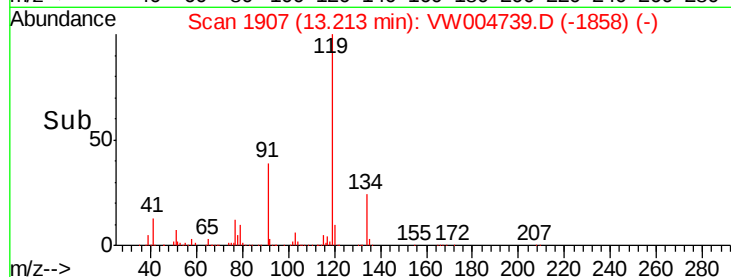
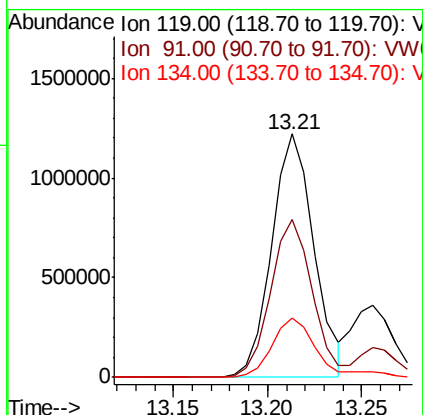
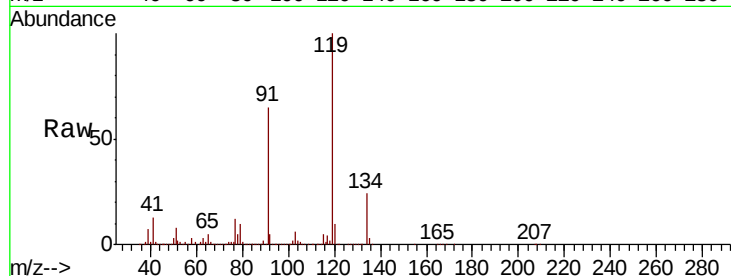




#83
 tert-Butylbenzene
 Concen: 75.243 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

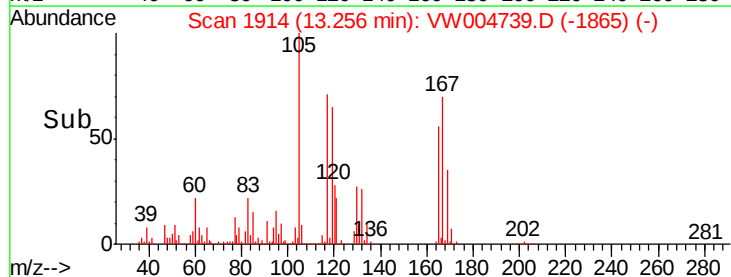
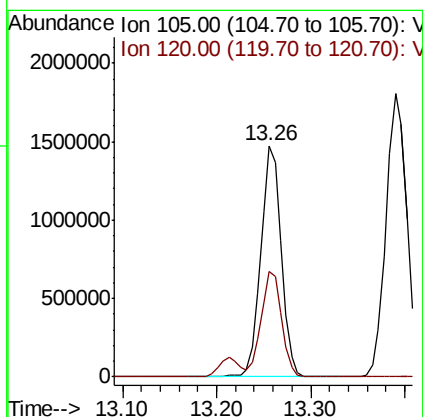
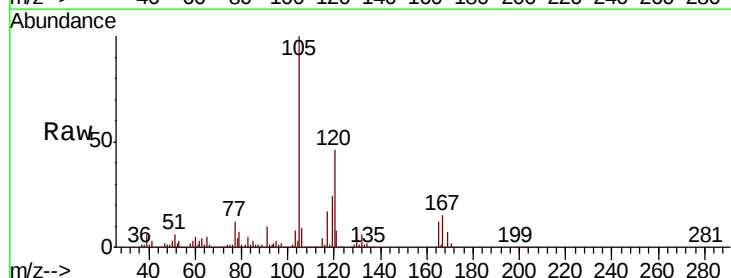
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

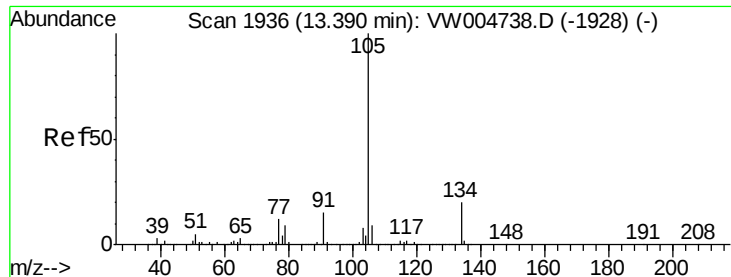
Tgt Ion:119 Resp: 1894344
 Ion Ratio Lower Upper
 119 100
 91 63.7 32.6 97.8
 134 26.1 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 74.147 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion:105 Resp: 2245413
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.3

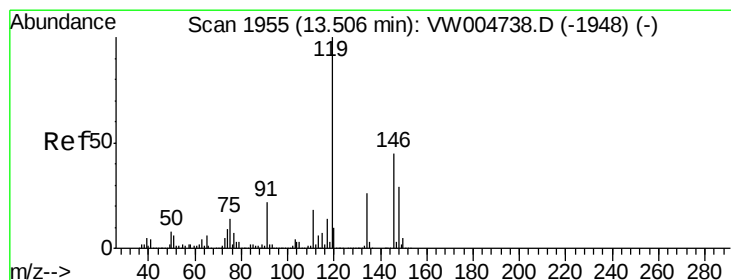
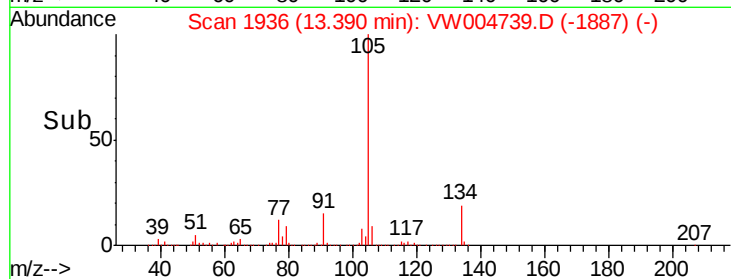
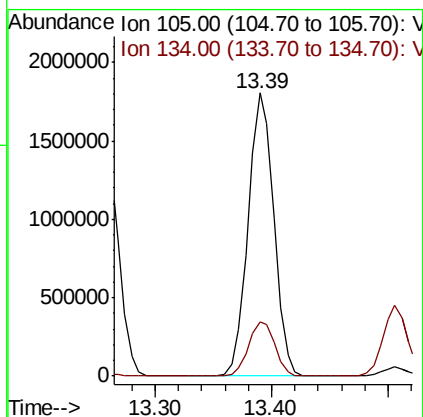
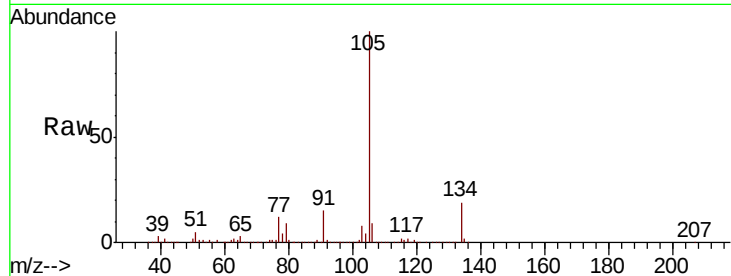




#85
 sec-Butylbenzene
 Concen: 74.084 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

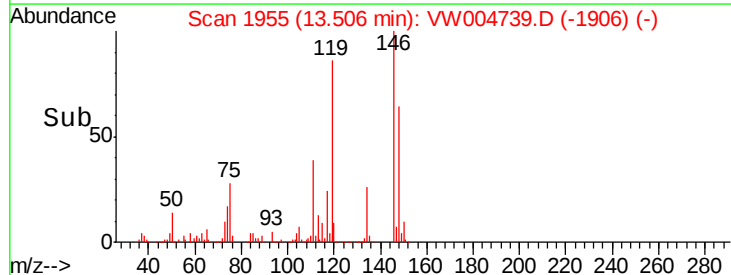
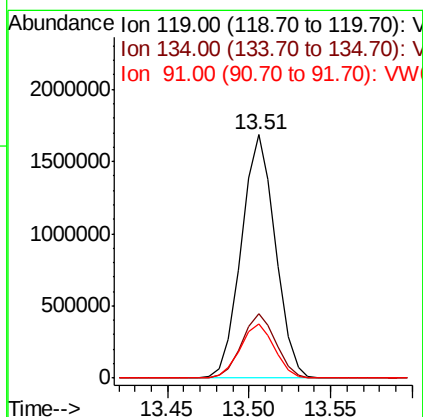
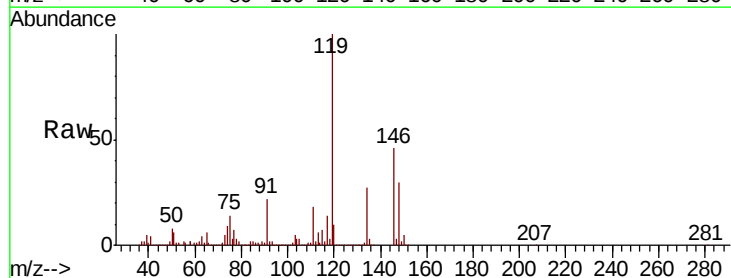
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

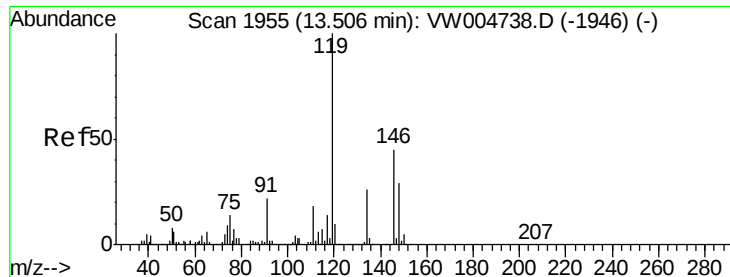
Tgt Ion:105 Resp: 2784688
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 74.914 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion:119 Resp: 2450124
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 22.4 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 71.390 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

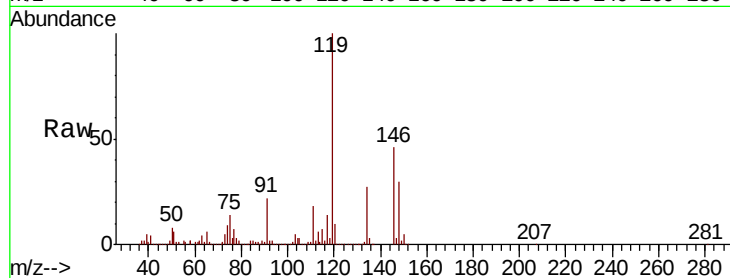
Tgt Ion:146 Resp: 1217785

Ion Ratio Lower Upper

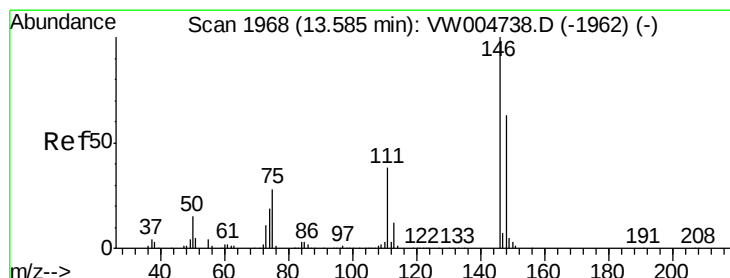
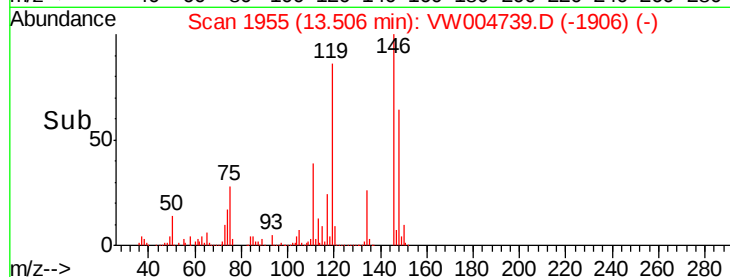
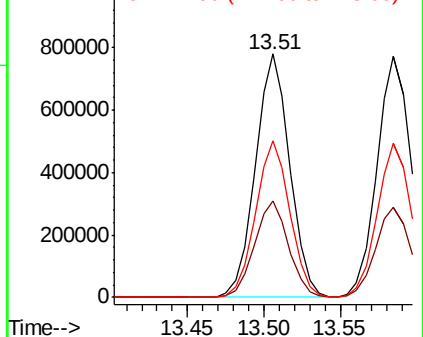
146 100

111 39.2 19.8 59.4

148 64.0 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 70.348 ug/l

RT: 13.58 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

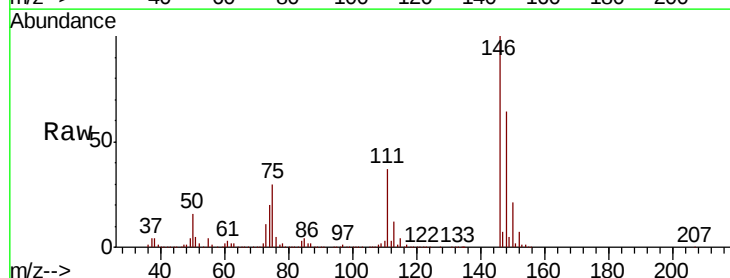
Tgt Ion:146 Resp: 1199514

Ion Ratio Lower Upper

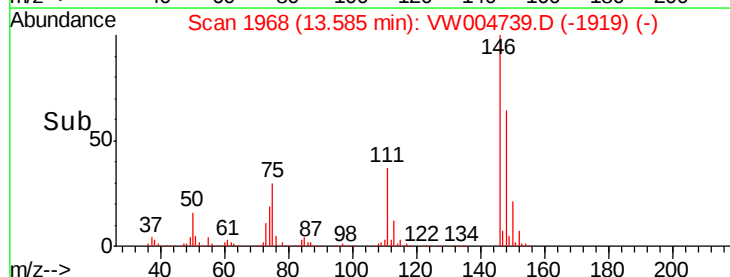
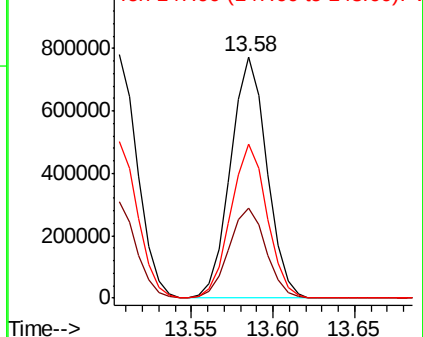
146 100

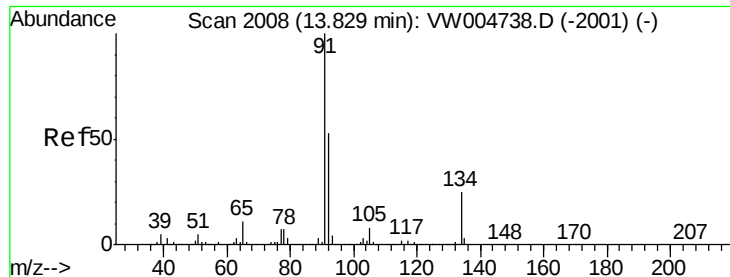
111 38.1 19.3 57.8

148 63.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 74.758 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

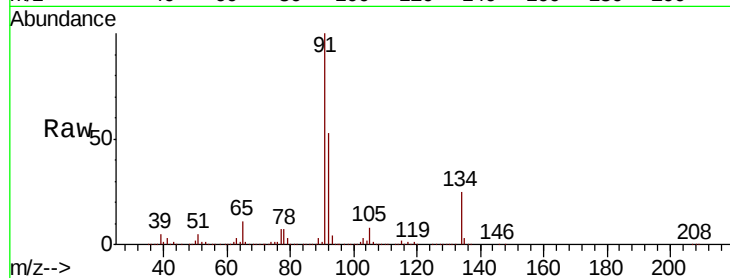
Tgt Ion: 91 Resp: 2363976

Ion Ratio Lower Upper

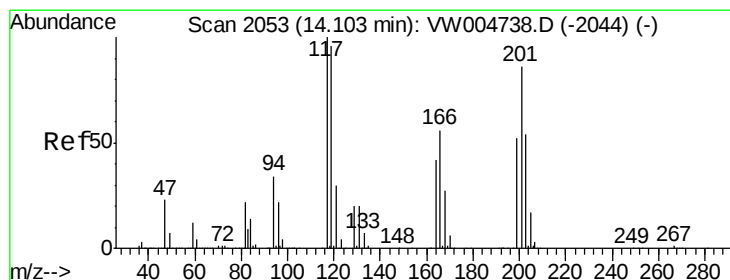
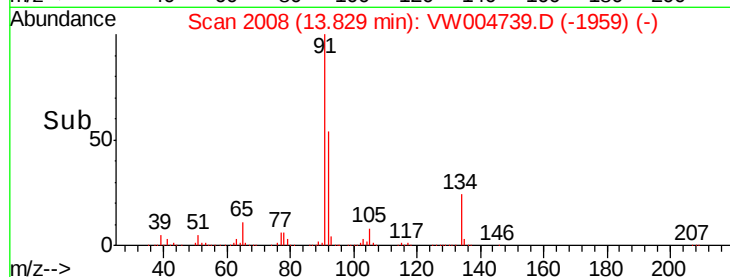
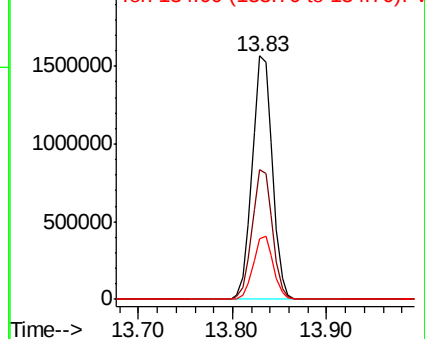
91 100

92 53.3 26.4 79.2

134 25.8 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 72.308 ug/l

RT: 14.10 min Scan# 2052

Delta R.T. -0.01 min

Lab File: VW004739.D

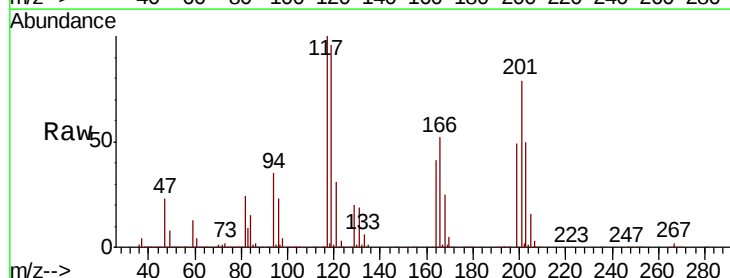
Acq: 17 Aug 2018 17:37

Tgt Ion: 117 Resp: 431062

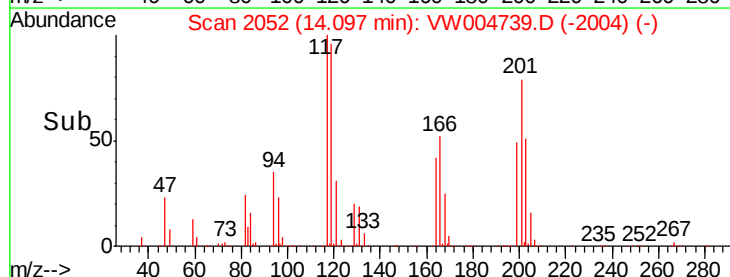
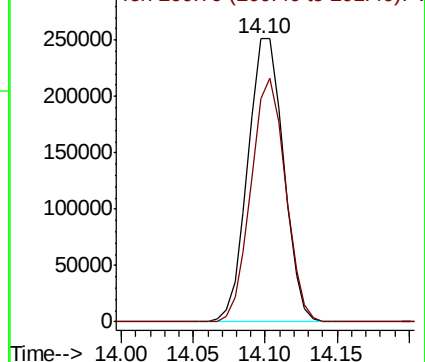
Ion Ratio Lower Upper

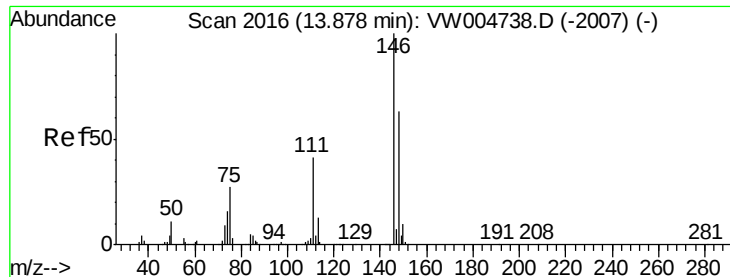
117 100

201 83.2 42.4 127.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 71.099 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

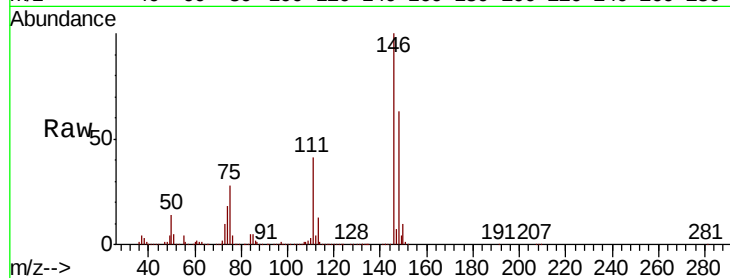
Tgt Ion:146 Resp: 1089343

Ion Ratio Lower Upper

146 100

111 41.1 20.4 61.3

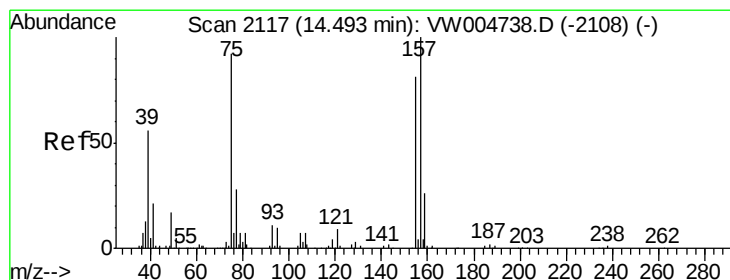
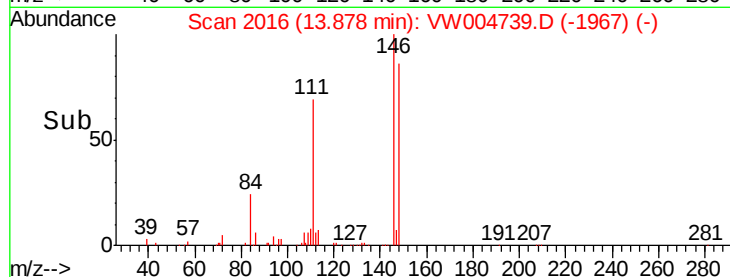
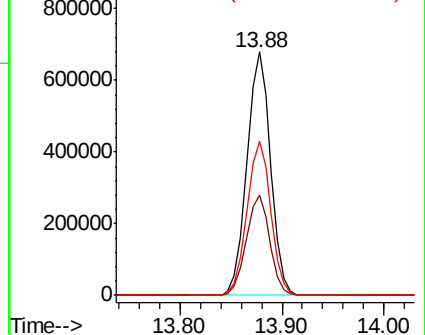
148 64.0 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 74.809 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW004739.D

Acq: 17 Aug 2018 17:37

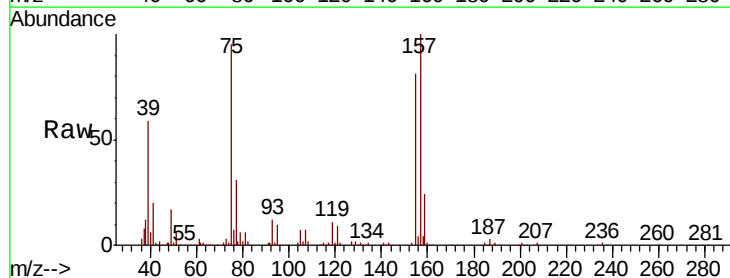
Tgt Ion: 75 Resp: 75040

Ion Ratio Lower Upper

75 100

155 86.1 43.3 129.9

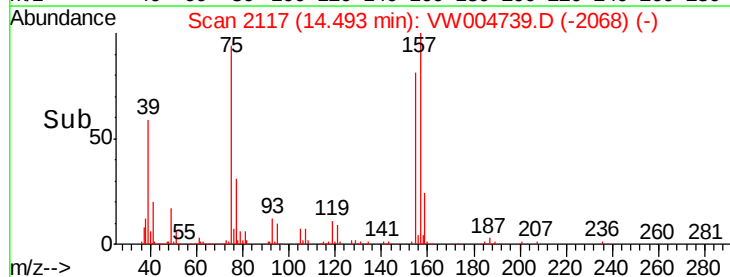
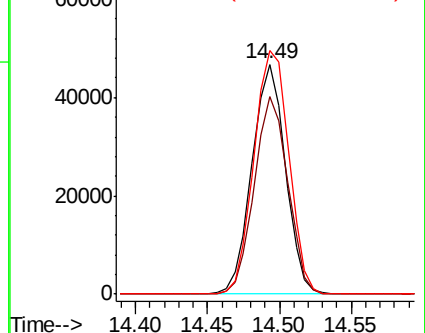
157 110.6 54.5 163.6

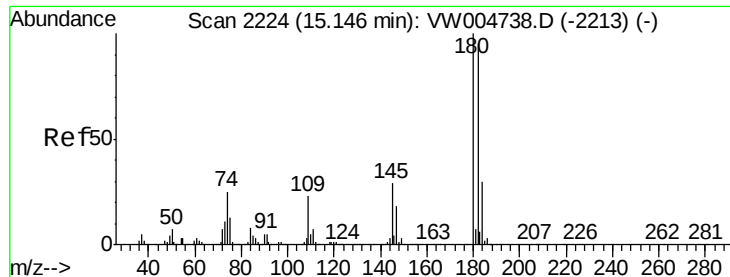


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

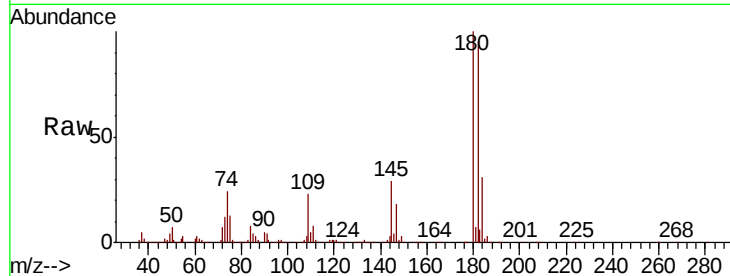




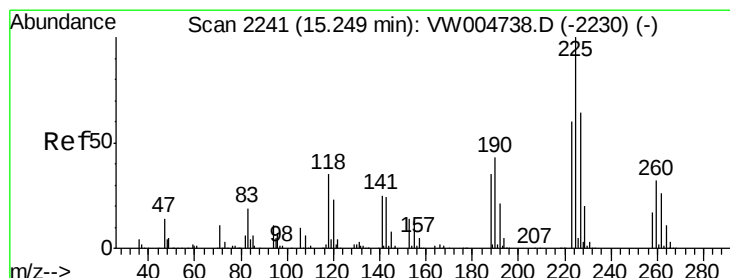
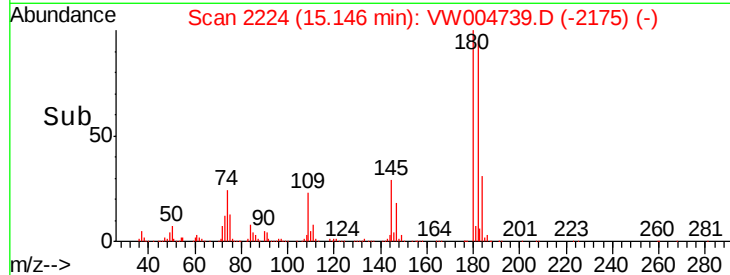
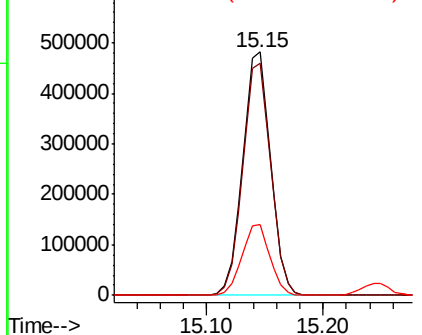
#93
 1,2,4-Trichlorobenzene
 Concen: 74.491 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	141.8
145	29.3	14.6	43.8

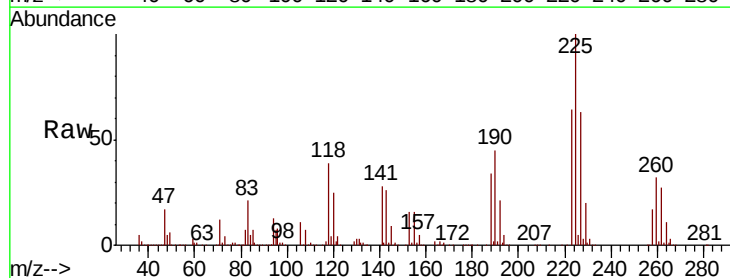


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

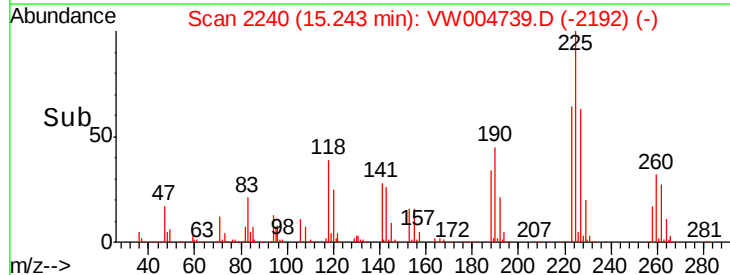
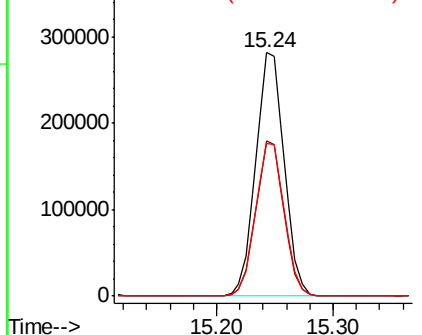


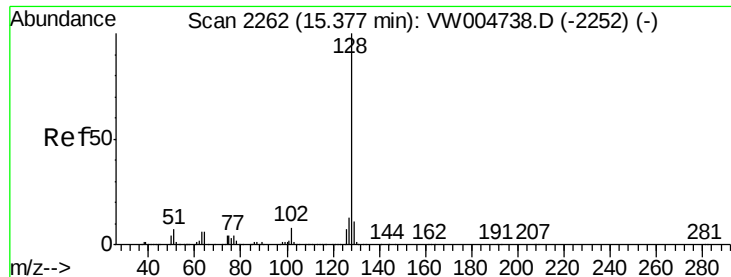
#94
 Hexachlorobutadiene
 Concen: 72.516 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004739.D
 Acq: 17 Aug 2018 17:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.9	92.5
227	63.4	32.0	96.0



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

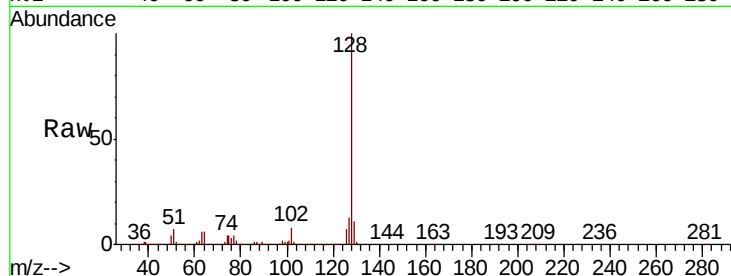




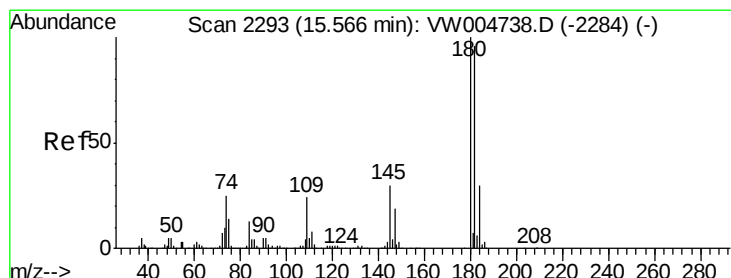
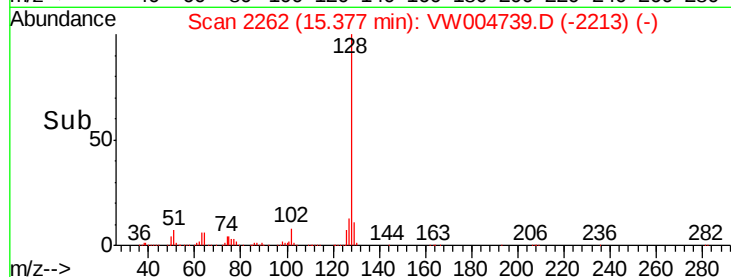
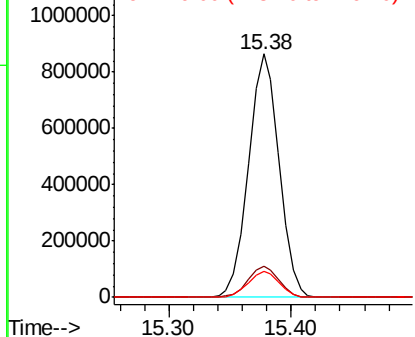
#95
Naphthalene
Concen: 80.049 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:128 Resp: 1500174
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 13.0

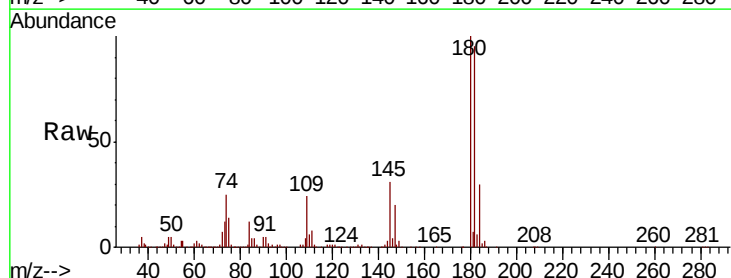


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 75.326 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004739.D
Acq: 17 Aug 2018 17:37

Tgt Ion:180 Resp: 723867
Ion Ratio Lower Upper
180 100
182 94.6 47.3 142.0
145 31.0 15.4 46.1



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

