

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081918\
 Data File : VW004741.D
 Acq On : 17 Aug 2018 18:29
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 18 01:28:38 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	730669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1116106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1015224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	522380	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	1018717	144.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.42%	
35) Dibromofluoromethane	7.88	113	1022831	143.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.78%	
50) Toluene-d8	10.33	98	4098127	147.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.34%	
62) 4-Bromofluorobenzene	12.62	95	1482013	147.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	717529	148.253	ug/l	99
3) Chloromethane	2.22	50	1019477	161.105	ug/l	98
4) Vinyl Chloride	2.37	62	1355042	145.476	ug/l	99
5) Bromomethane	2.78	94	824124	143.262	ug/l	100
6) Chloroethane	2.92	64	838532	149.197	ug/l	100
7) Trichlorofluoromethane	3.25	101	702683	160.134	ug/l	99
8) Diethyl Ether	3.67	74	595192	150.018	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	1115123	147.577	ug/l	100
10) Methyl Iodide	4.27	142	1723356	150.176	ug/l	100
11) Tert butyl alcohol	5.20	59	299965	754.131	ug/l	100
12) 1,1-Dichloroethene	4.03	96	1122743	149.108	ug/l	96
13) Acrolein	3.89	56	345786	652.913	ug/l	97
14) Allyl chloride	4.66	41	1781458	155.902	ug/l	99
15) Acrylonitrile	5.37	53	1294847	778.225	ug/l	99
16) Acetone	4.13	43	1216182	674.422	ug/l	98
17) Carbon Disulfide	4.37	76	3697836	149.437	ug/l	99
18) Methyl Acetate	4.67	43	594858	153.934	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	1535635	157.108	ug/l	97
20) Methylene Chloride	4.91	84	1166784	118.552	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	1212088	151.293	ug/l	99
22) Diisopropyl ether	6.31	45	3431971	156.259	ug/l	97
23) Vinyl Acetate	6.26	43	10333240	831.782	ug/l	100
24) 1,1-Dichloroethane	6.21	63	2133296	149.469	ug/l	100
25) 2-Butanone	7.18	43	2014401	784.012	ug/l	100
26) 2,2-Dichloropropane	7.17	77	1137820	138.024	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	1331343	154.362	ug/l	99
28) Bromochloromethane	7.51	49	875473	145.662	ug/l	98
29) Tetrahydrofuran	7.53	42	1066326	813.881	ug/l	99
30) Chloroform	7.68	83	2071484	147.573	ug/l	99
31) Cyclohexane	7.96	56	2080062	150.672	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	1660607	149.241	ug/l	99
36) 1,1-Dichloropropene	8.09	75	1737928	151.152	ug/l	100
37) Ethyl Acetate	7.26	43	700216	152.773	ug/l	99
38) Carbon Tetrachloride	8.07	117	1588749	150.112	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	2342725	162.928	ug/l	98
40) Benzene	8.32	78	5009406	149.916	ug/l	100
41) Methacrylonitrile	7.49	41	433276	166.570	ug/l	99
42) 1,2-Dichloroethane	8.40	62	1273725	148.650	ug/l	100
43) Isopropyl Acetate	8.43	43	1373594	166.844	ug/l	98
44) Trichloroethene	9.09	130	1289110	151.979	ug/l	99
45) 1,2-Dichloropropane	9.37	63	1245825	152.421	ug/l	99
46) Dibromomethane	9.46	93	604309	149.238	ug/l	99
47) Bromodichloromethane	9.65	83	1498642	154.967	ug/l	99
48) Methyl methacrylate	9.44	41	659244	170.652	ug/l	100
49) 1,4-Dioxane	9.47	88	185529	3136.043	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	4542381	816.373	ug/l	100
52) Toluene	10.39	92	3048979	152.141	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	1573802	161.526	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	1869953	160.987	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	857524	148.980	ug/l	100
56) Ethyl methacrylate	10.65	69	1181975	173.834	ug/l	99
57) 1,3-Dichloropropane	10.94	76	1513355	152.314	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	2620054	824.228	ug/l	99
59) 2-Hexanone	10.98	43	3066011	813.255	ug/l	98
60) Dibromochloromethane	11.13	129	1007105	155.951	ug/l	100
61) 1,2-Dibromoethane	11.24	107	835450	151.845	ug/l	100
64) Tetrachloroethene	10.87	164	1063345	153.259	ug/l	99
65) Chlorobenzene	11.66	112	3308257	151.402	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	1162719	157.594	ug/l	98
67) Ethyl Benzene	11.74	91	5901515	159.314	ug/l	98
68) m/p-Xylenes	11.85	106	4550563	315.751	ug/l	98
69) o-Xylene	12.17	106	2203048	165.125	ug/l	97
70) Styrene	12.19	104	3643358	162.569	ug/l	99
71) Bromoform	12.35	173	621897	159.698	ug/l #	99
73) Isopropylbenzene	12.47	105	5922017	166.638	ug/l	100
74) N-amyl acetate	12.28	43	1341165	180.026	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	1028728	156.263	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	1366386	176.592	ug/l #	100
77) Bromobenzene	12.75	156	1354053	157.412	ug/l	100
78) n-propylbenzene	12.81	91	7020015	161.878	ug/l	99
79) 2-Chlorotoluene	12.90	91	4031336	161.275	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	4930916	163.320	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	345822	174.550	ug/l	96
82) 4-Chlorotoluene	12.99	91	4191874	157.832	ug/l	100
83) tert-Butylbenzene	13.21	119	4343089	168.180	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	5040423	162.267	ug/l	99
85) sec-Butylbenzene	13.39	105	6246274	162.007	ug/l	100
86) p-Isopropyltoluene	13.51	119	5503490	164.052	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	2709326	154.845	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	2640004	150.944	ug/l	99
89) n-Butylbenzene	13.83	91	5280728	162.809	ug/l	98
90) Hexachloroethane	14.10	117	1005586	164.449	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	2406217	153.110	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	169513	164.753	ug/l	98

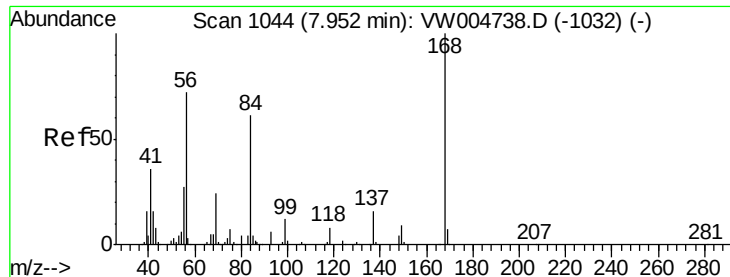
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	1806950	162.563	ug/l	99
94) Hexachlorobutadiene	15.24	225	1057196	154.955	ug/l	99
95) Naphthalene	15.38	128	3403011	177.030	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	1592324	161.543	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

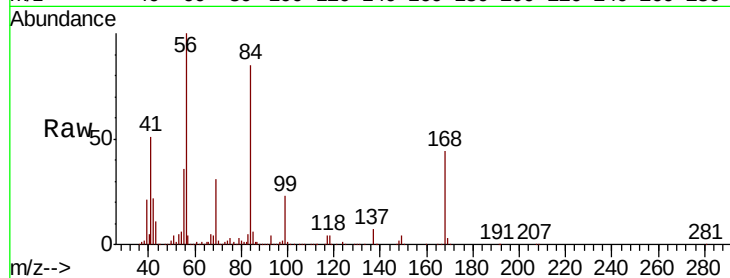
VSTDIC150

Tgt Ion:168 Resp: 730669

Ion Ratio Lower Upper

168 100

99 53.5 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

400000

300000

200000

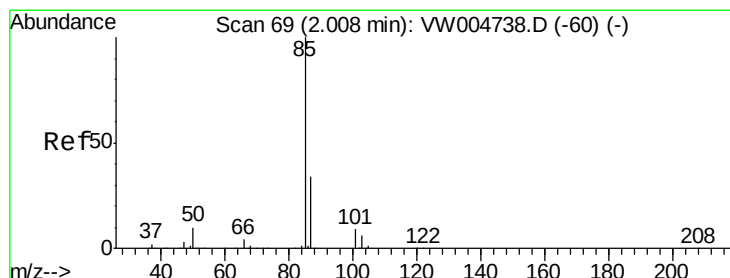
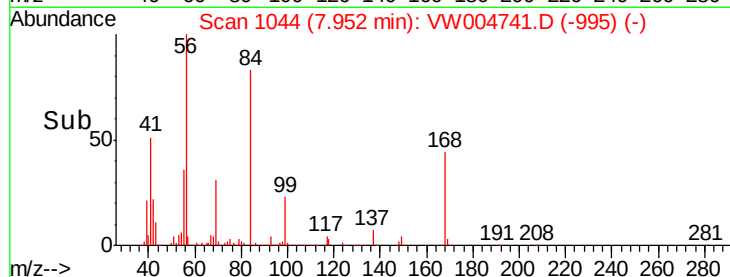
100000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 148.253 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004741.D

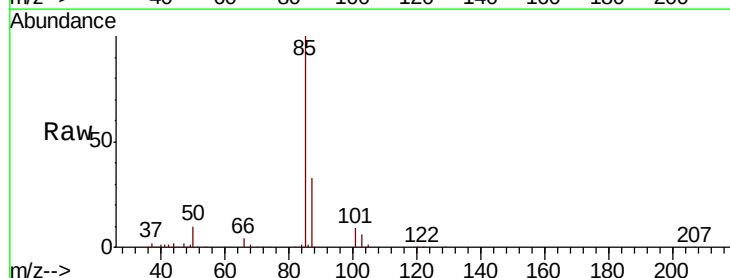
Acq: 17 Aug 2018 18:29

Tgt Ion: 85 Resp: 717529

Ion Ratio Lower Upper

85 100

87 32.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

200000

150000

100000

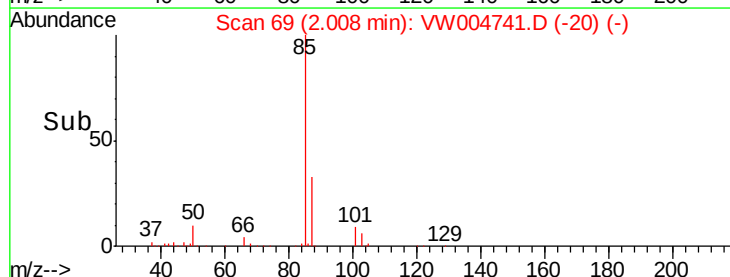
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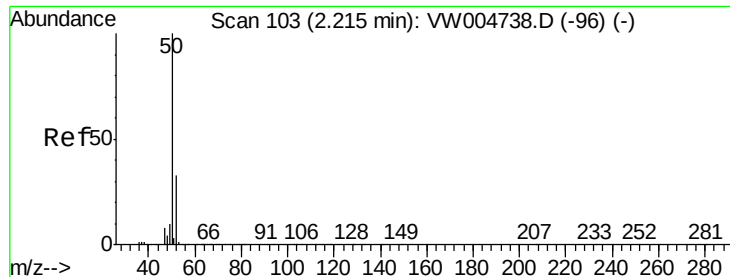
0

2.00

2.20

Time-->





#3

Chloromethane

Concen: 161.105 ug/l

RT: 2.22 min Scan# 104

Delta R.T. 0.01 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

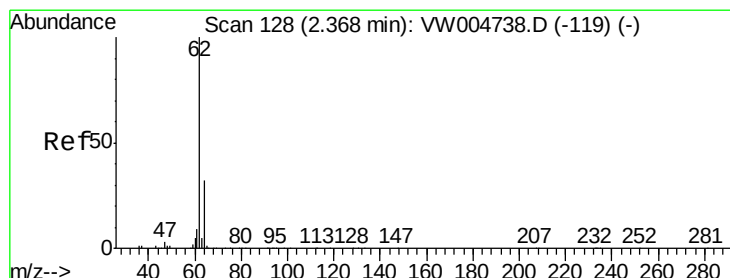
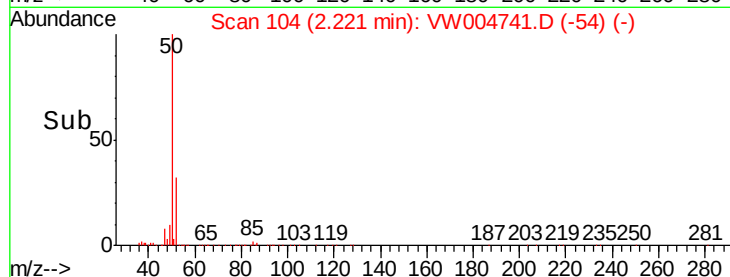
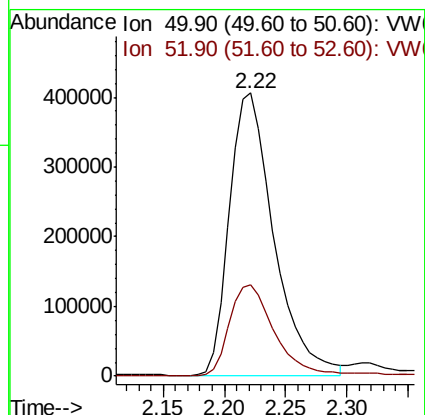
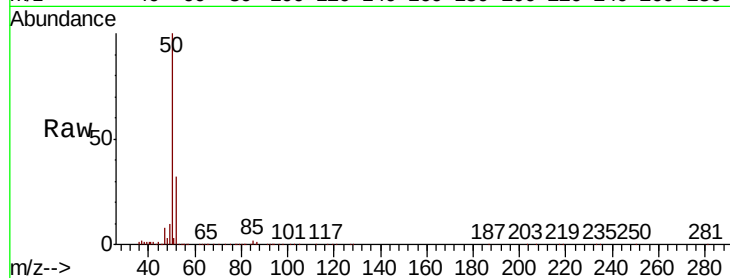
VSTDICC150

Tgt Ion: 50 Resp: 1019477

Ion Ratio Lower Upper

50 100

52 32.5 26.7 40.1



#4

Vinyl Chloride

Concen: 145.476 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004741.D

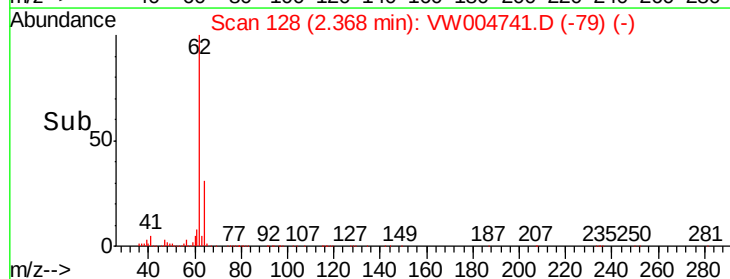
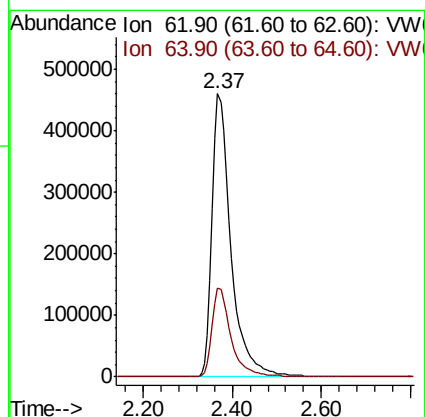
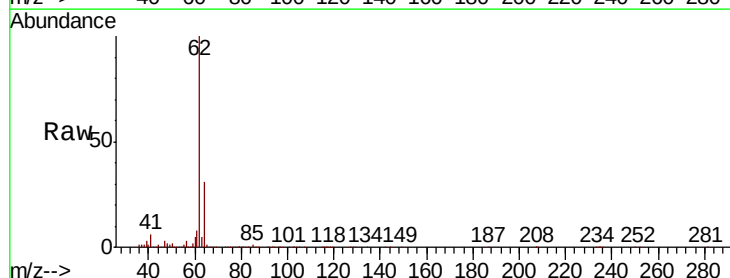
Acq: 17 Aug 2018 18:29

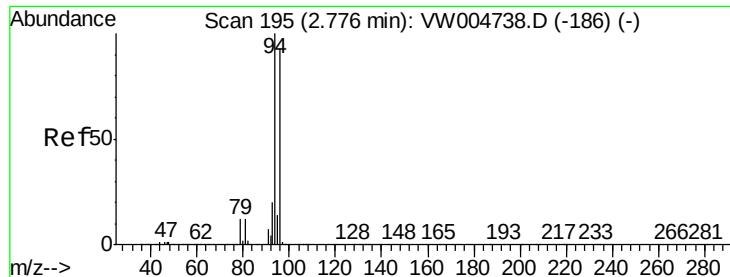
Tgt Ion: 62 Resp: 1355042

Ion Ratio Lower Upper

62 100

64 31.1 25.2 37.8





#5

Bromomethane

Concen: 143.262 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

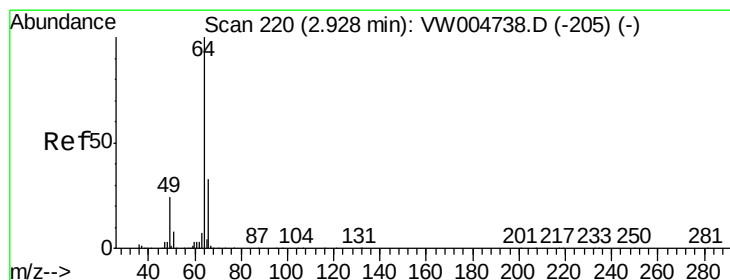
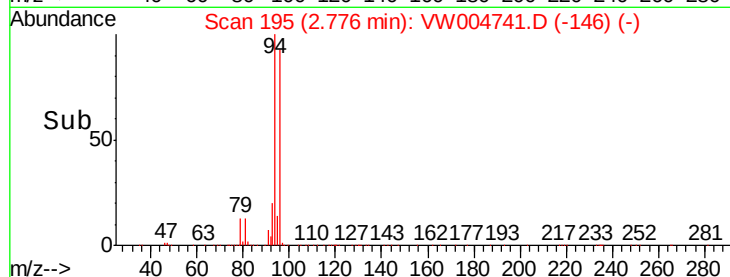
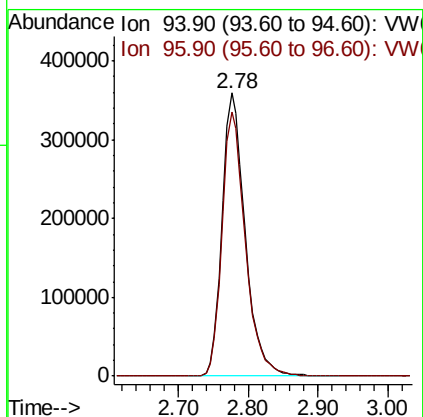
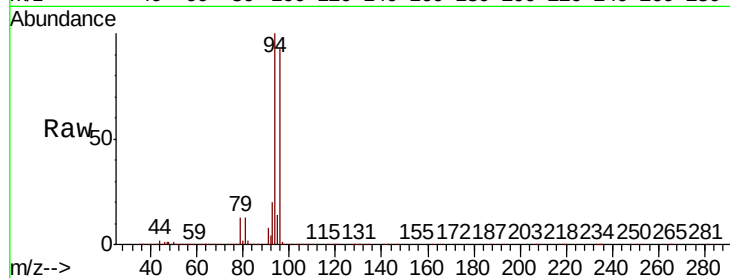
VSTDIC150

Tgt Ion: 94 Resp: 824124

Ion Ratio Lower Upper

94 100

96 93.1 74.3 111.5



#6

Chloroethane

Concen: 149.197 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VW004741.D

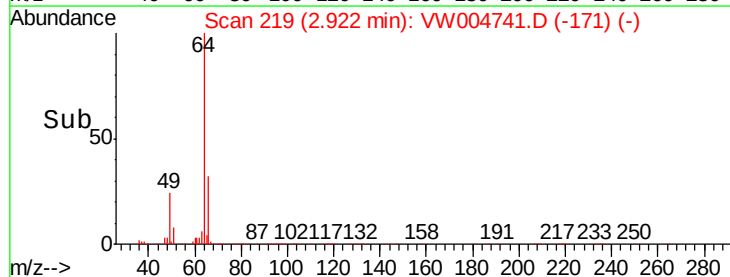
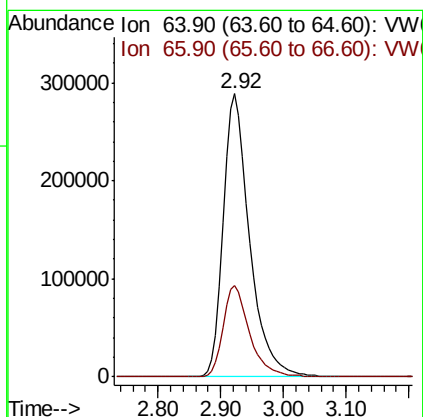
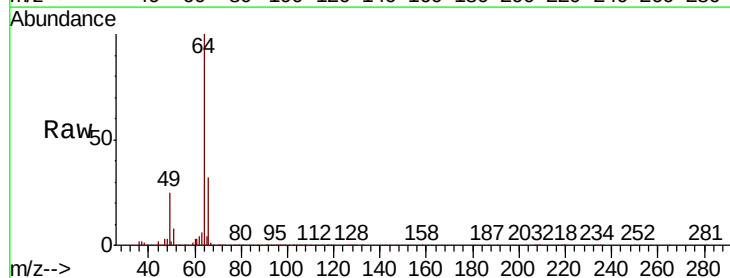
Acq: 17 Aug 2018 18:29

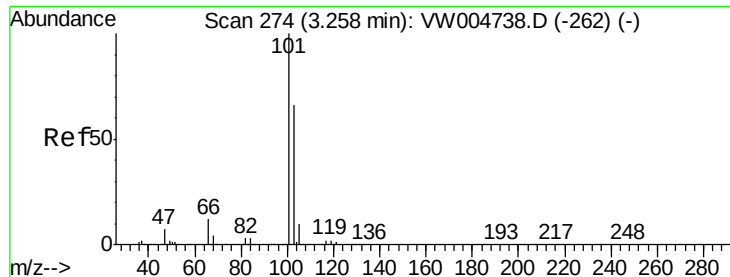
Tgt Ion: 64 Resp: 838532

Ion Ratio Lower Upper

64 100

66 32.4 26.1 39.1



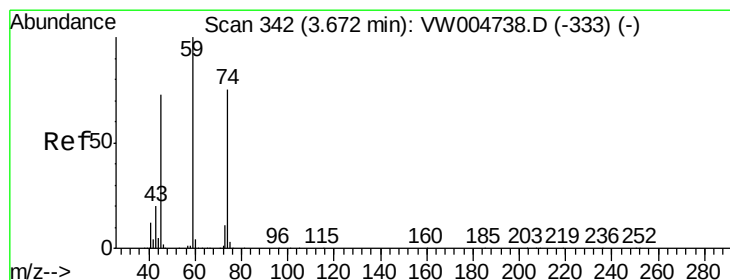
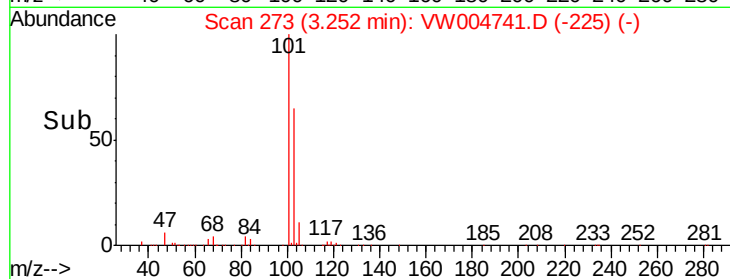
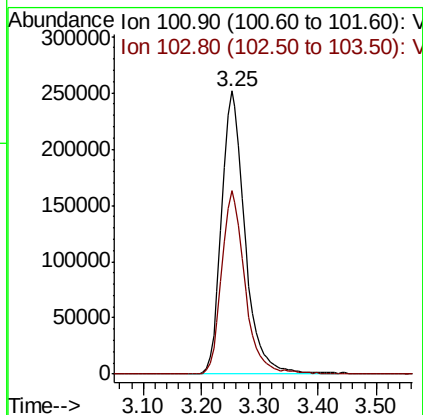
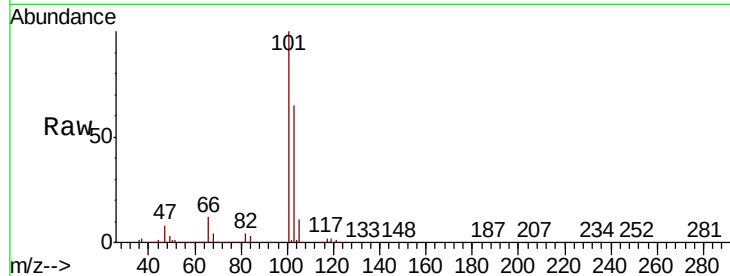


#7

Trichlorofluoromethane
Concen: 160.134 ug/l
RT: 3.25 min Scan# 273
Delta R.T. -0.01 min
Lab File: VW004741.D
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ClientSampleId :
VSTDIC150

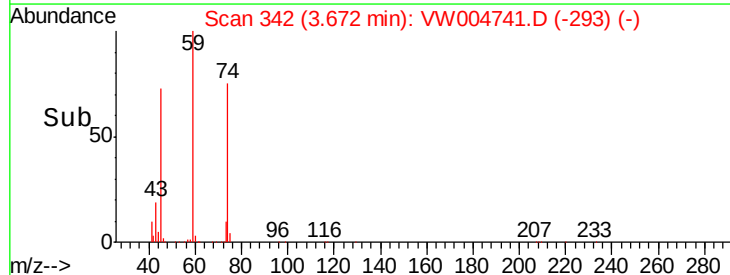
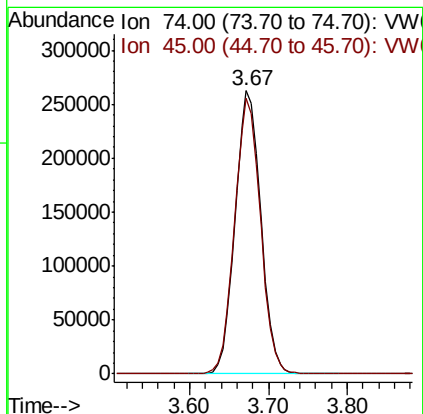
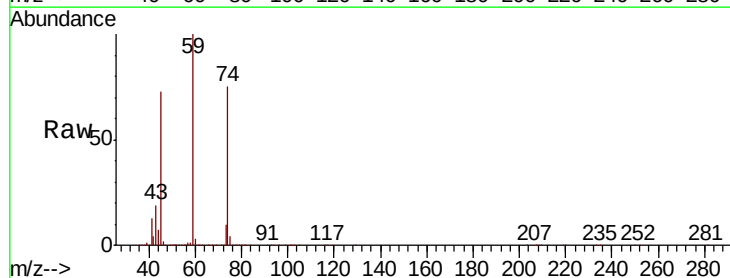
Tgt Ion: 101 Resp: 702683
Ion Ratio Lower Upper
101 100
103 65.0 52.5 78.7

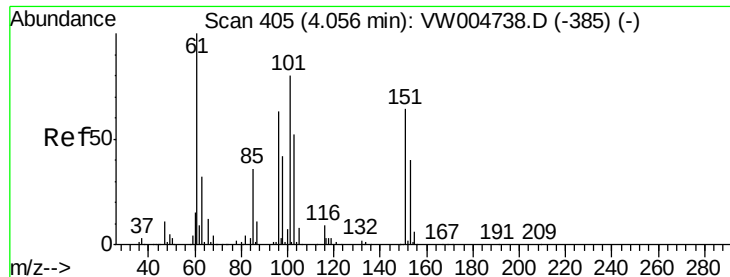


#8

Diethyl Ether
Concen: 150.018 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion: 74 Resp: 595192
Ion Ratio Lower Upper
74 100
45 97.4 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 147.577 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

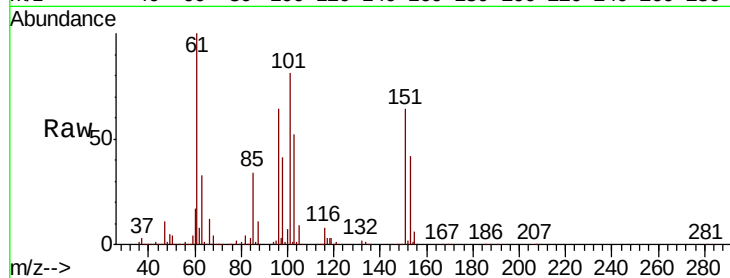
Tgt Ion:101 Resp: 1115123

Ion Ratio Lower Upper

101 100

85 42.4 33.9 50.9

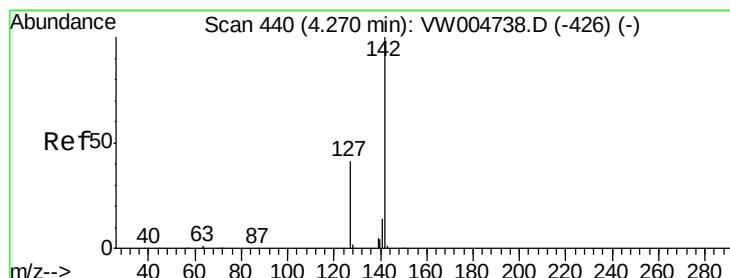
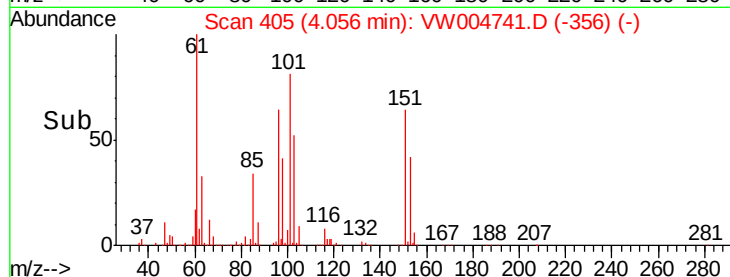
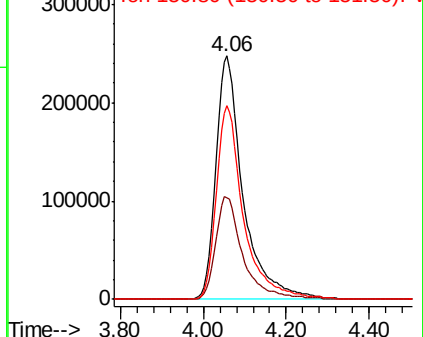
151 79.9 63.4 95.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 150.176 ug/l

RT: 4.27 min Scan# 440

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

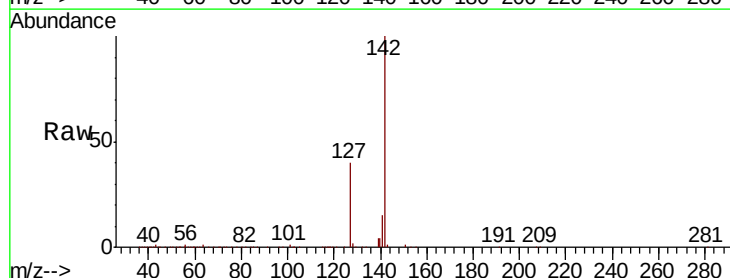
Tgt Ion:142 Resp: 1723356

Ion Ratio Lower Upper

142 100

127 39.7 32.1 48.1

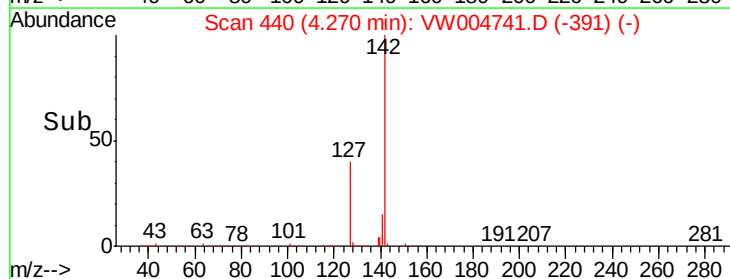
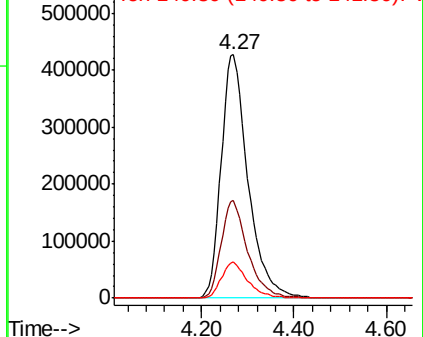
141 14.5 11.7 17.5

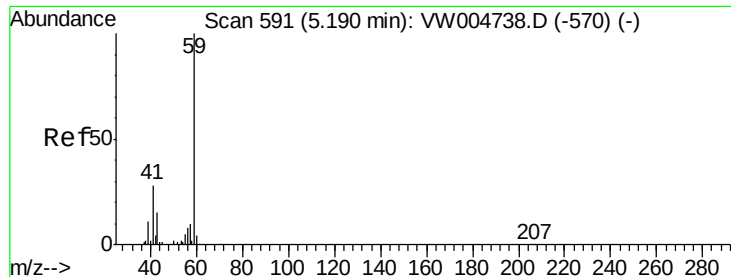


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



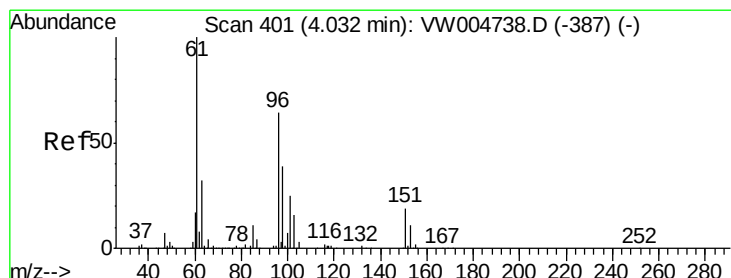
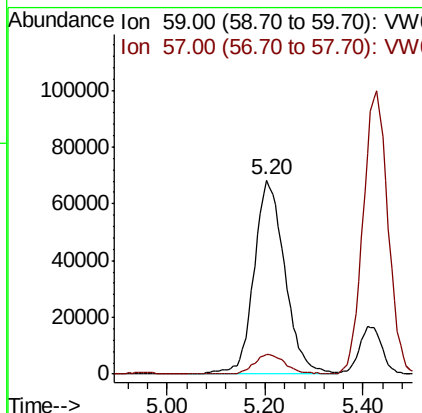
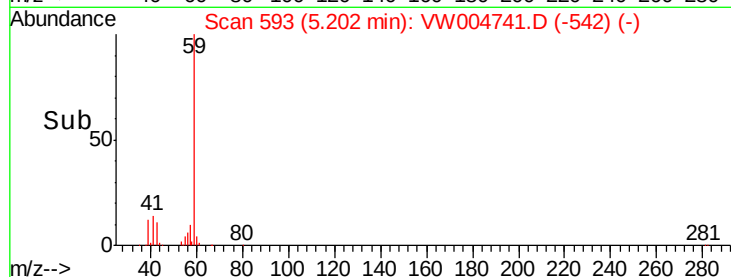
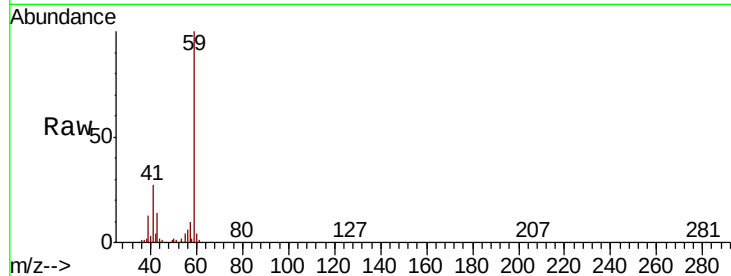


#11

Tert butyl alcohol
 Concen: 754.131 ug/l
 RT: 5.20 min Scan# 593
 Delta R.T. 0.01 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

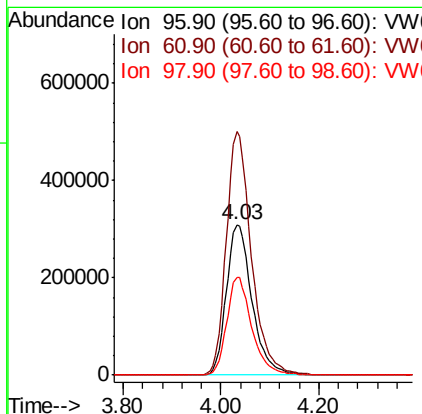
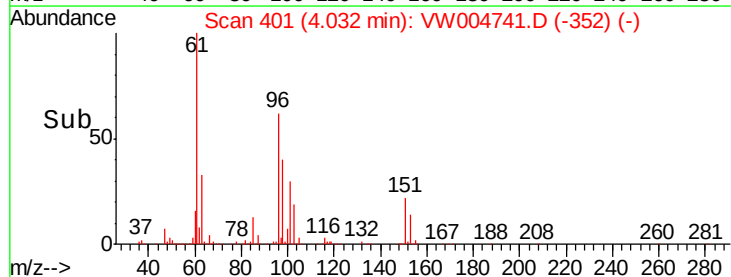
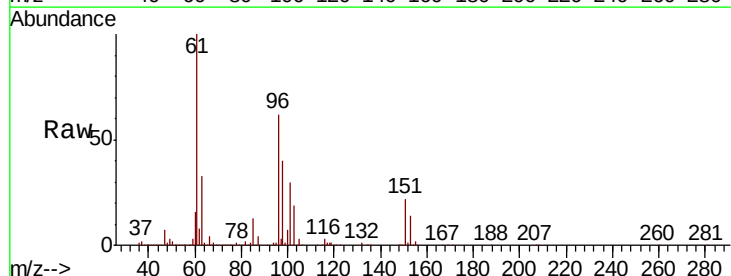
Tgt Ion: 59 Resp: 299965
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

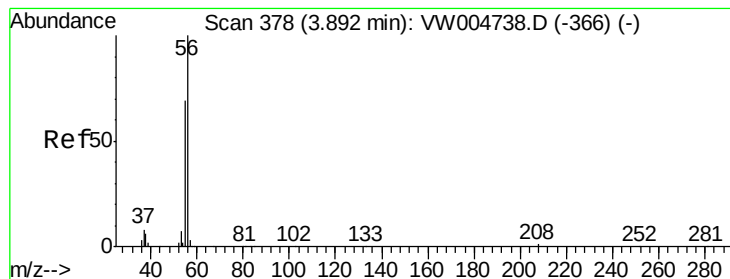


#12

1,1-Dichloroethene
 Concen: 149.108 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion: 96 Resp: 1122743
 Ion Ratio Lower Upper
 96 100
 61 161.6 125.6 188.4
 98 64.9 49.4 74.0





#13

Acrolein

Concen: 652.913 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

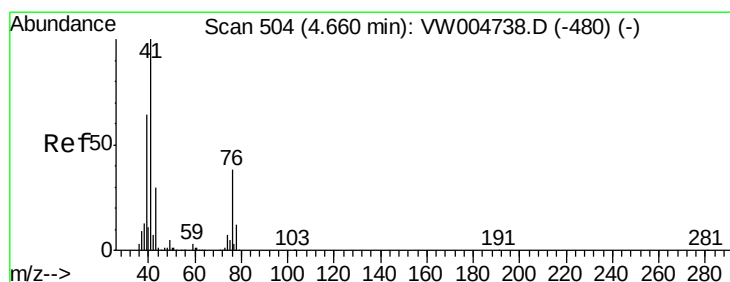
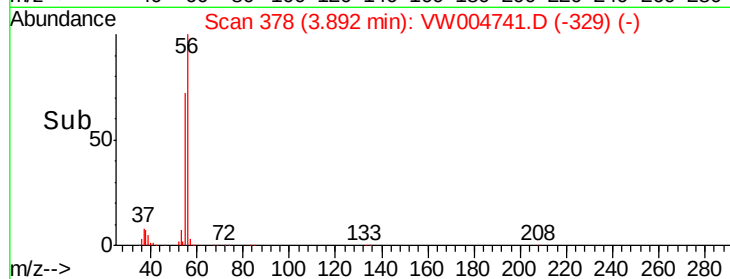
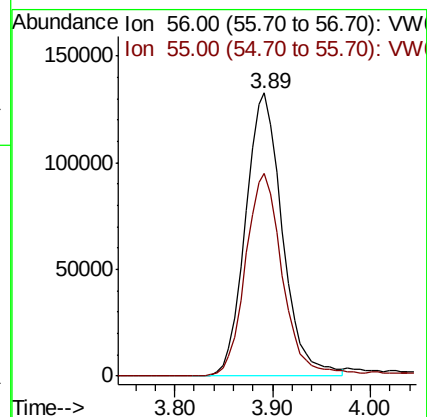
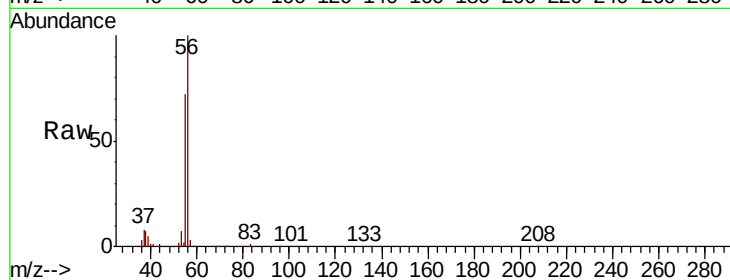
VSTDIC150

Tgt Ion: 56 Resp: 345786

Ion Ratio Lower Upper

56 100

55 72.3 56.1 84.1



#14

Allyl chloride

Concen: 155.902 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

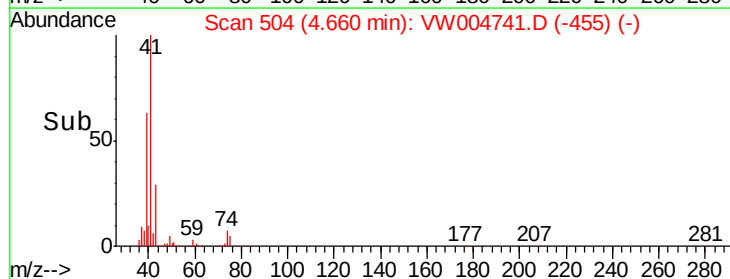
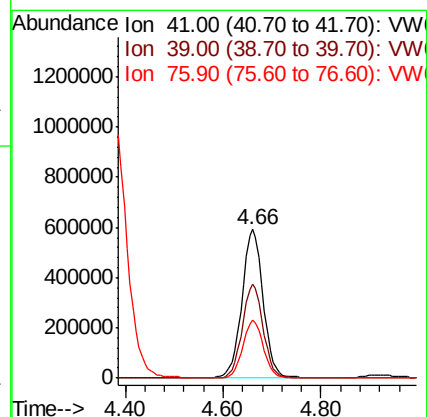
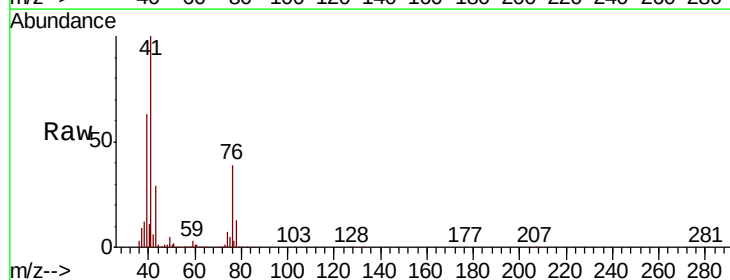
Tgt Ion: 41 Resp: 1781458

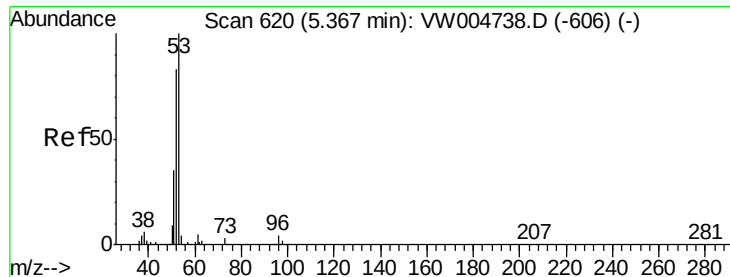
Ion Ratio Lower Upper

41 100

39 62.0 50.0 75.0

76 37.7 29.8 44.6





#15

Acrylonitrile

Concen: 778.225 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

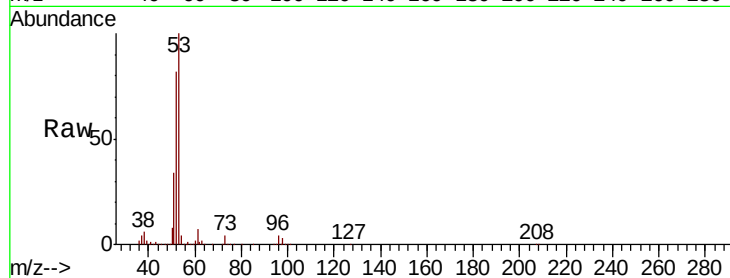
MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 53 Resp: 1294847

Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.8	98.6
51	35.1	28.7	43.1

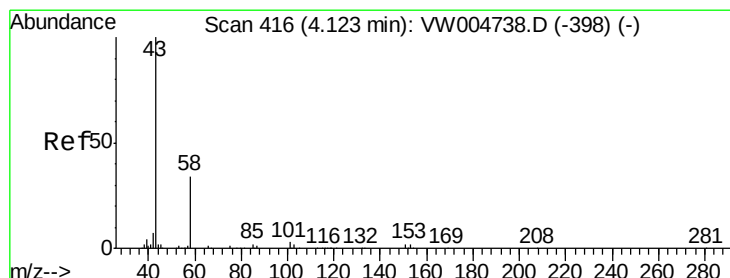
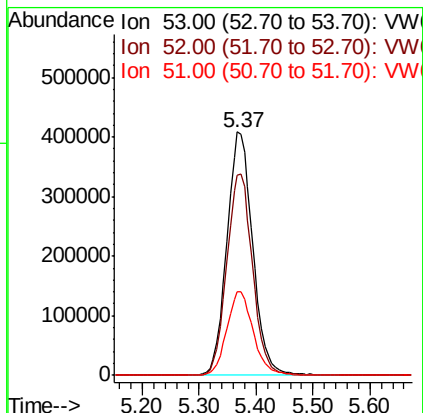
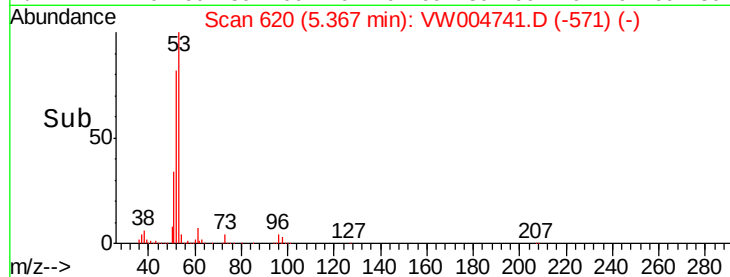


Abundance

Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 674.422 ug/l

RT: 4.13 min Scan# 417

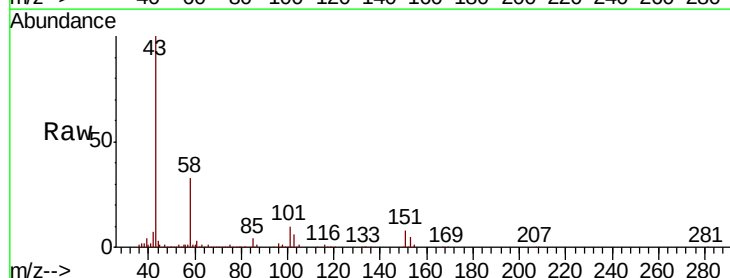
Delta R.T. 0.01 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Tgt Ion: 43 Resp: 1216182

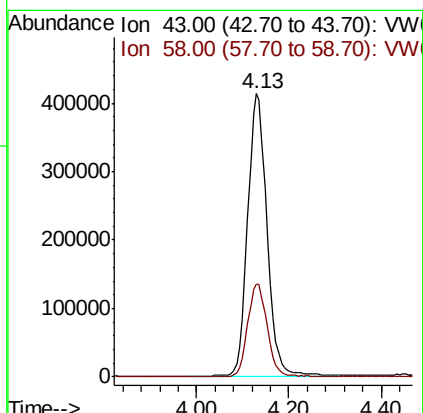
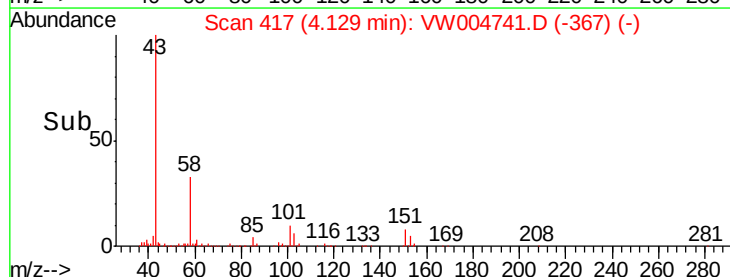
Ion	Ratio	Lower	Upper
43	100		
58	32.7	27.3	40.9

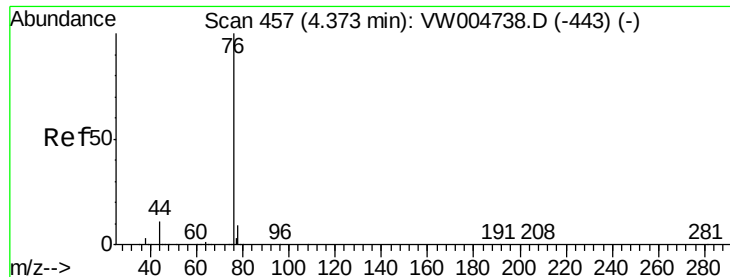


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 149.437 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

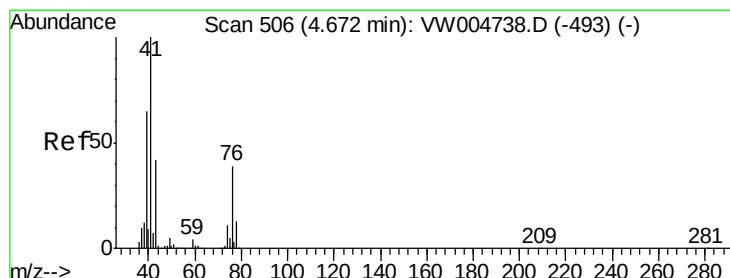
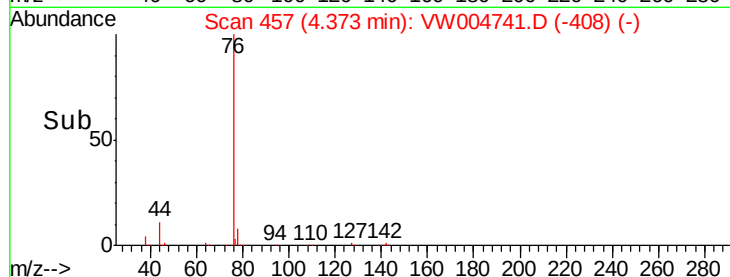
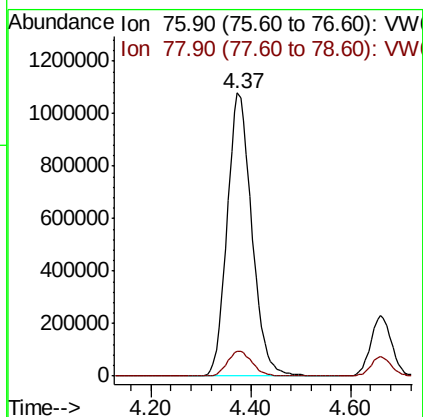
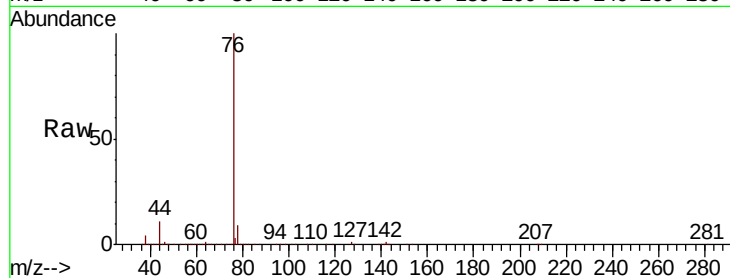
VSTDIC150

Tgt Ion: 76 Resp: 3697836

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2



#18

Methyl Acetate

Concen: 153.934 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW004741.D

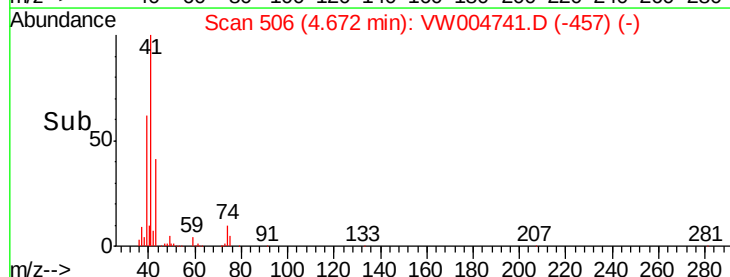
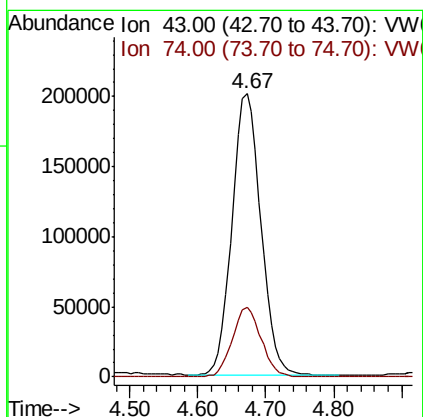
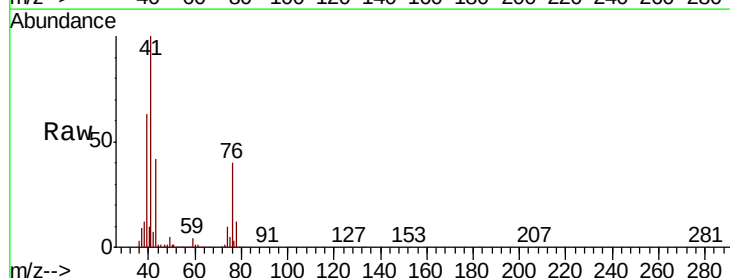
Acq: 17 Aug 2018 18:29

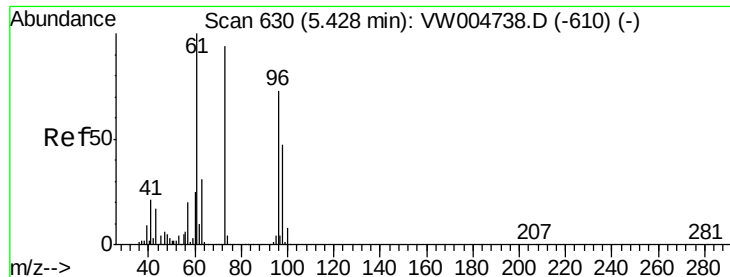
Tgt Ion: 43 Resp: 594858

Ion Ratio Lower Upper

43 100

74 24.6 19.8 29.8



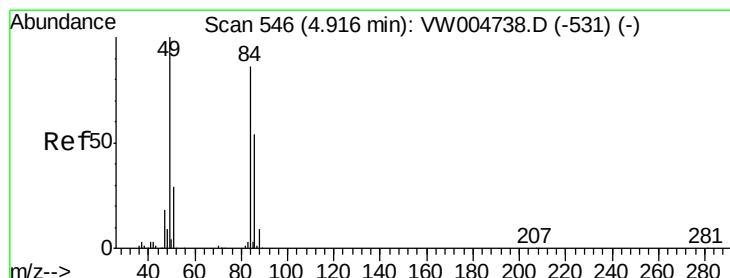
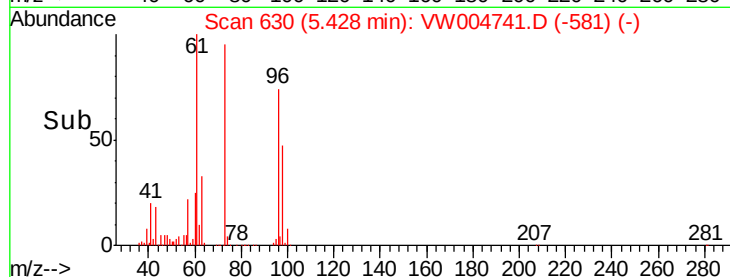
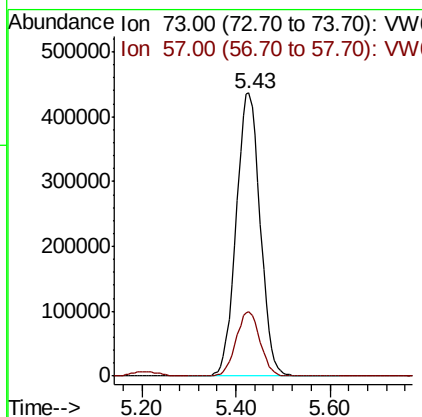
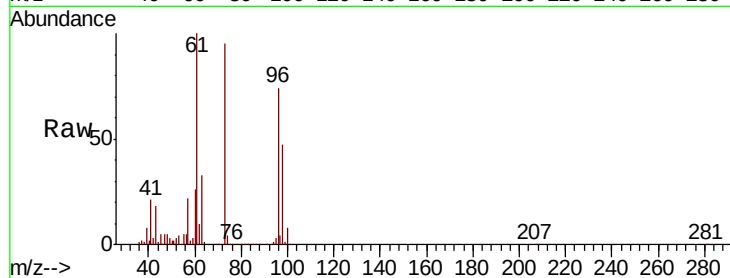


#19

Methyl tert-butyl Ether
 Concen: 157.108 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

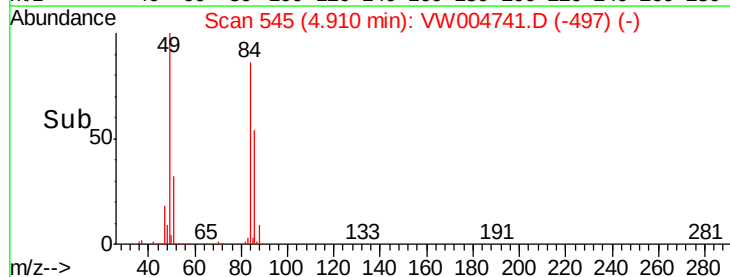
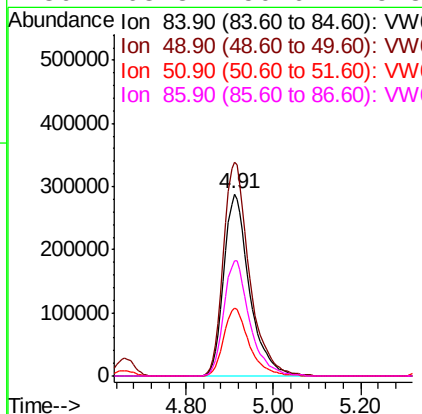
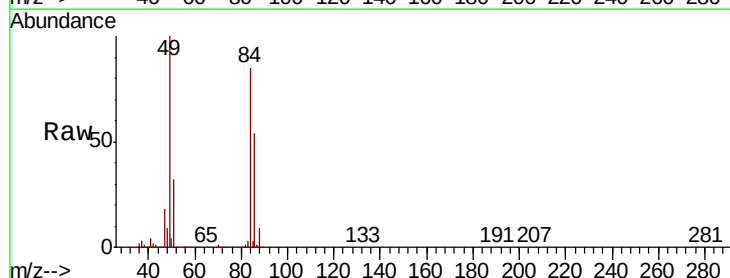
Tgt Ion: 73 Resp: 1535635
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.3 25.9

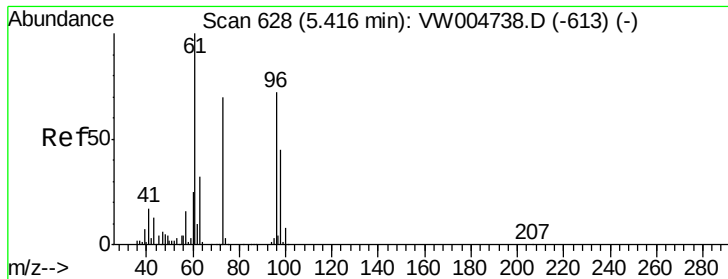


#20

Methylene Chloride
 Concen: 118.552 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion: 84 Resp: 1166784
 Ion Ratio Lower Upper
 84 100
 49 117.1 93.2 139.8
 51 37.2 27.4 41.0
 86 63.3 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 151.293 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

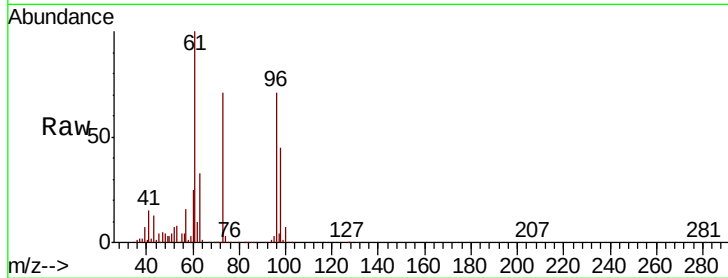
Tgt Ion: 96 Resp: 1212088

Ion Ratio Lower Upper

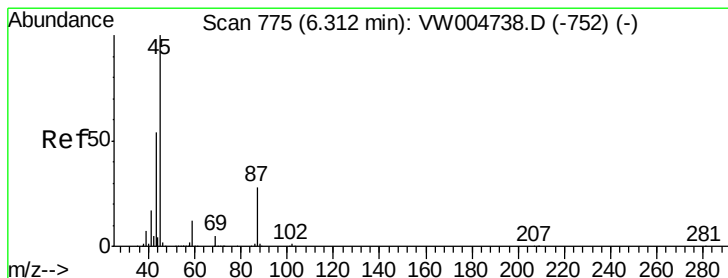
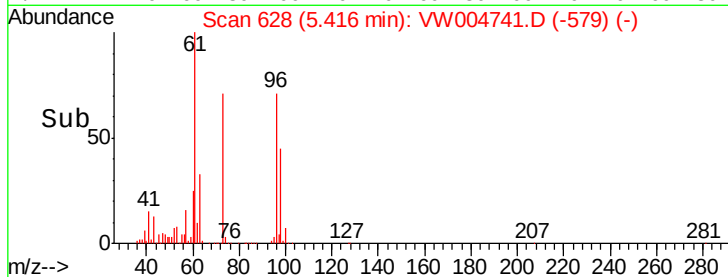
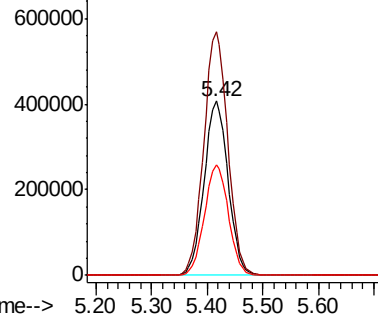
96 100

61 139.9 111.4 167.0

98 63.5 49.7 74.5



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



#22

Diisopropyl ether

Concen: 156.259 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Tgt Ion: 45 Resp: 3431971

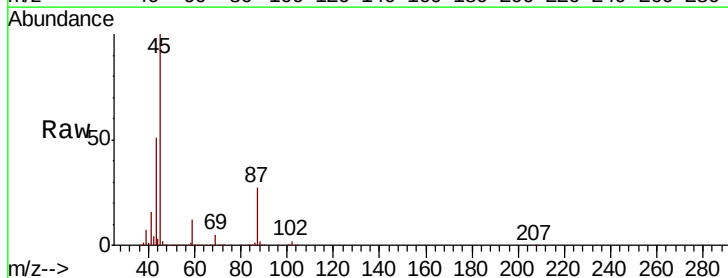
Ion Ratio Lower Upper

45 100

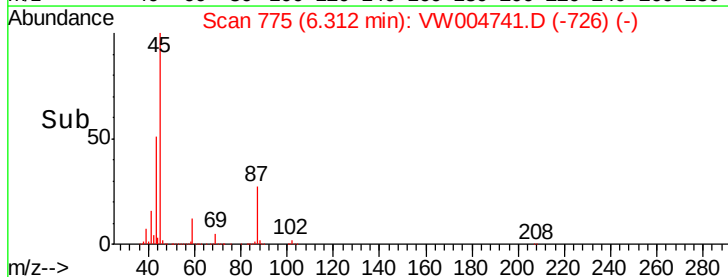
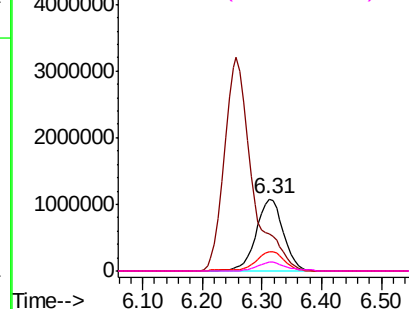
43 51.1 43.0 64.6

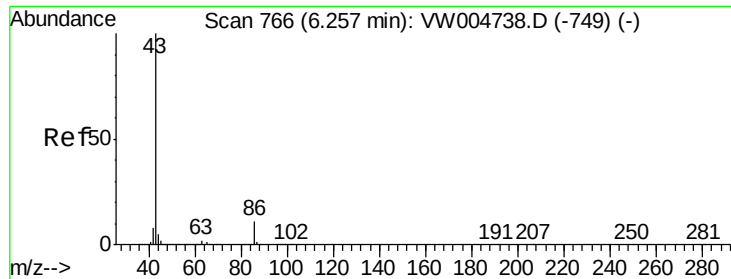
87 27.3 22.2 33.4

59 11.7 9.8 14.6



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

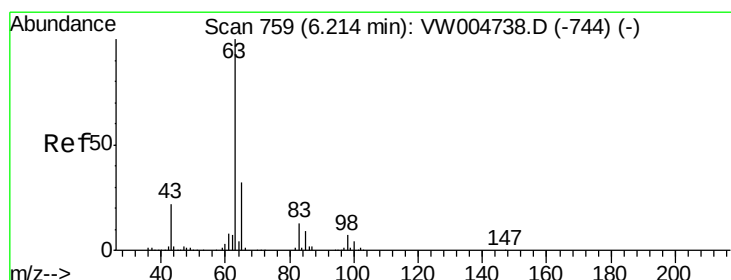
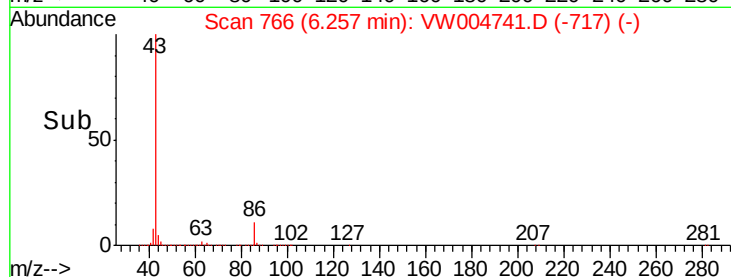
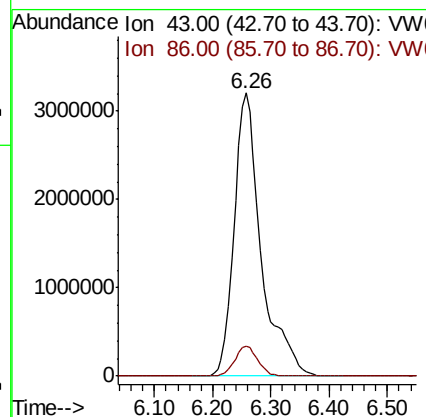
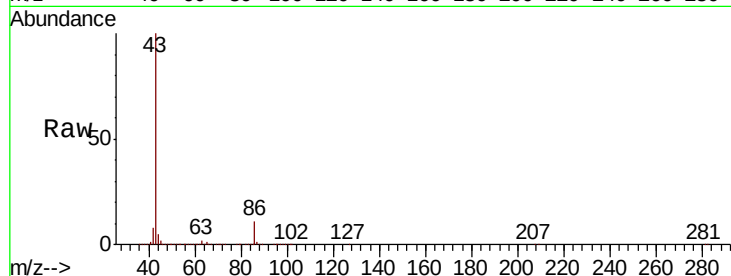




#23
 Vinyl Acetate
 Concen: 831.782 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

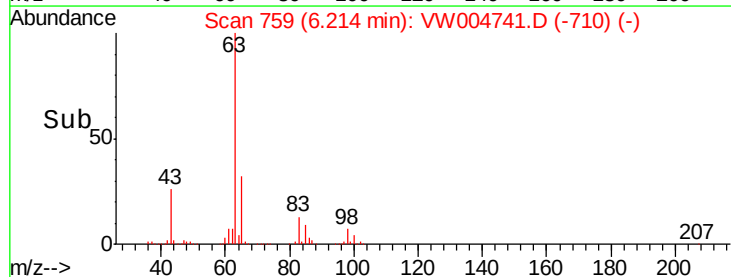
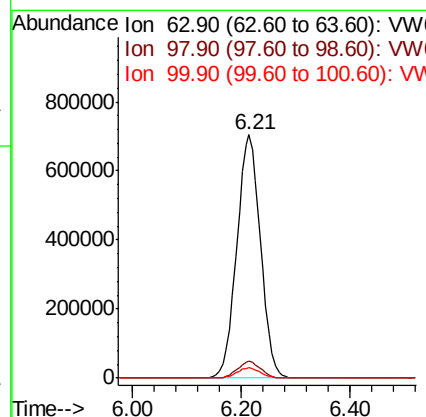
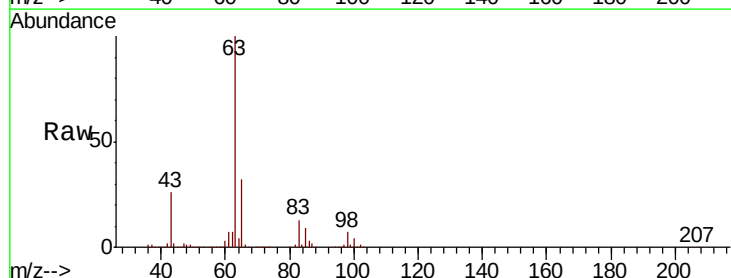
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

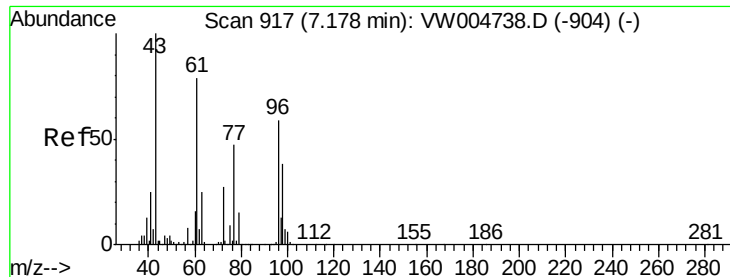
Tgt Ion: 43 Resp:10333240
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 149.469 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion: 63 Resp: 2133296
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 784.012 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

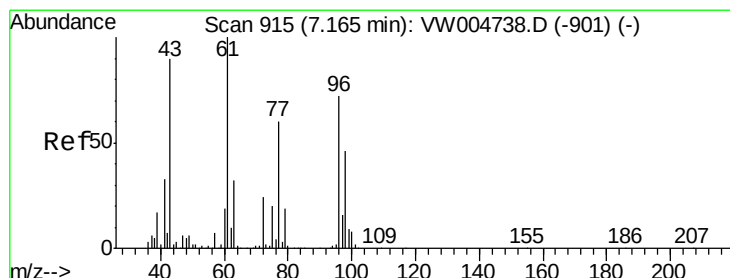
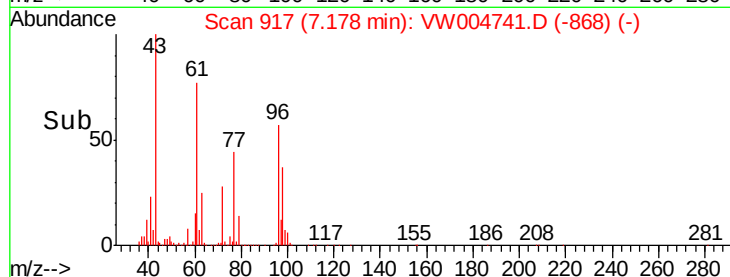
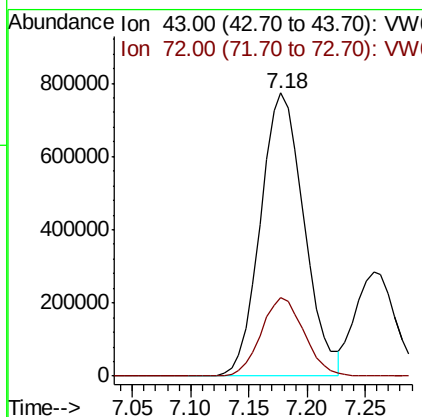
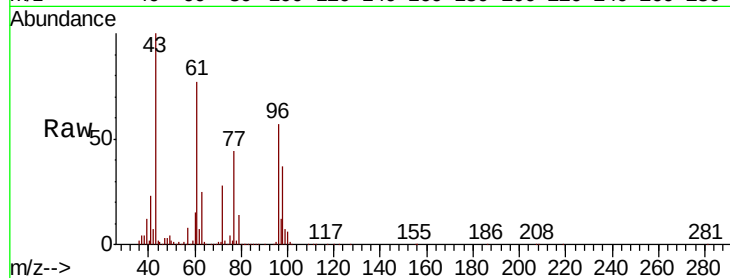
VSTDIC150

Tgt Ion: 43 Resp: 2014401

Ion Ratio Lower Upper

43 100

72 27.7 22.0 33.0



#26

2,2-Dichloropropane

Concen: 138.024 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004741.D

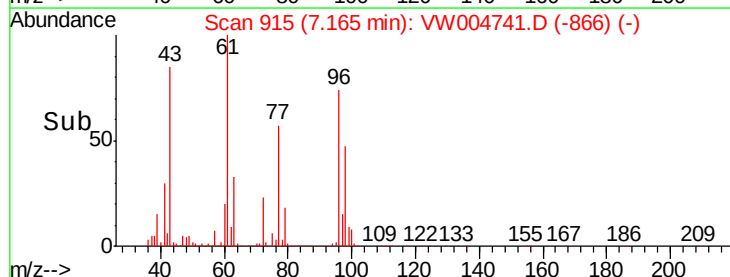
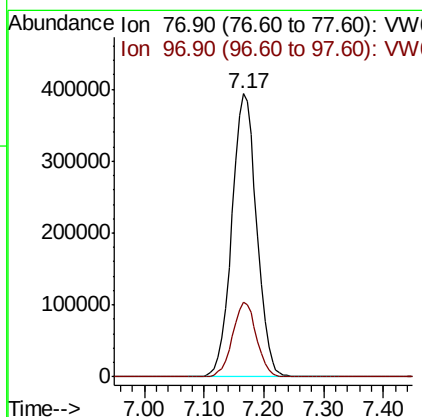
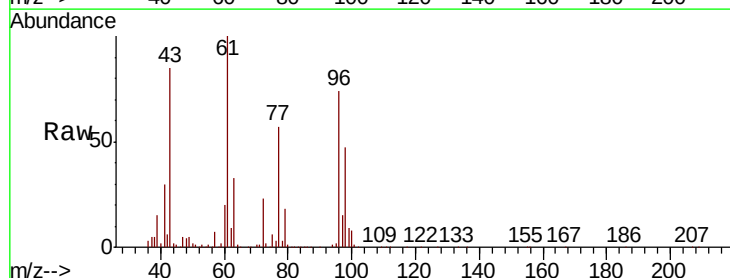
Acq: 17 Aug 2018 18:29

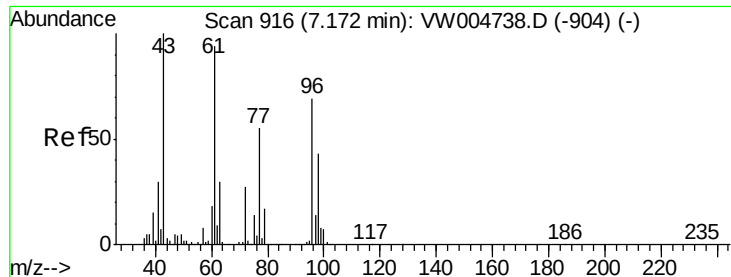
Tgt Ion: 77 Resp: 1137820

Ion Ratio Lower Upper

77 100

97 25.6 12.6 37.8



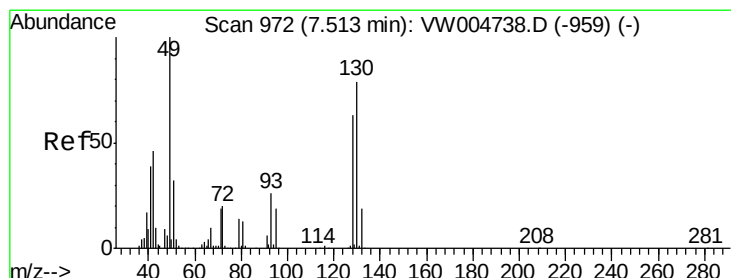
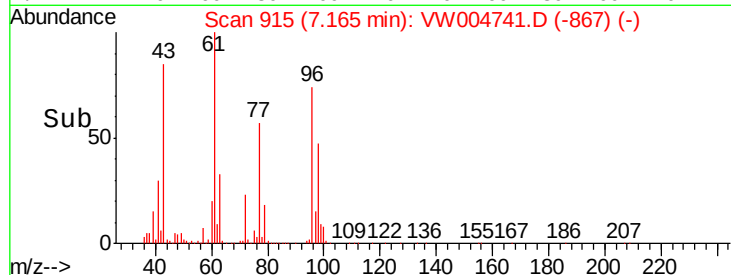
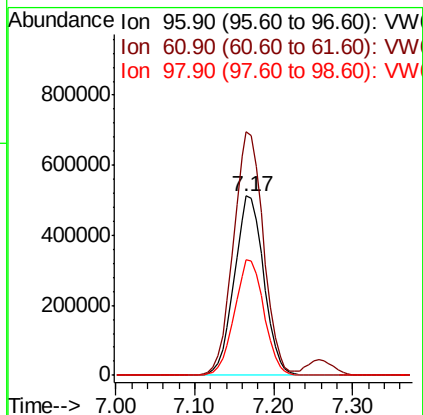
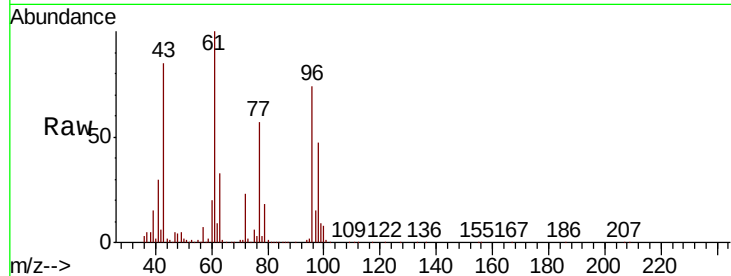


#27

cis-1,2-Dichloroethene
 Concen: 154.362 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

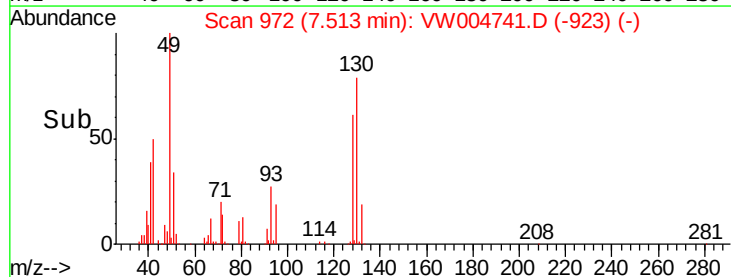
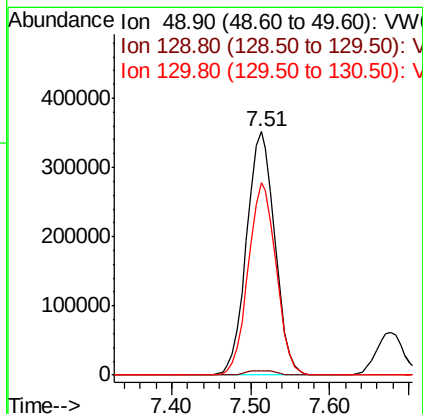
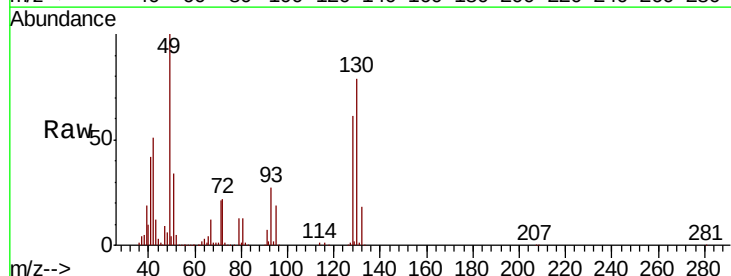
Tgt Ion: 96 Resp: 1331343
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 277.6
 98 64.5 0.0 127.4

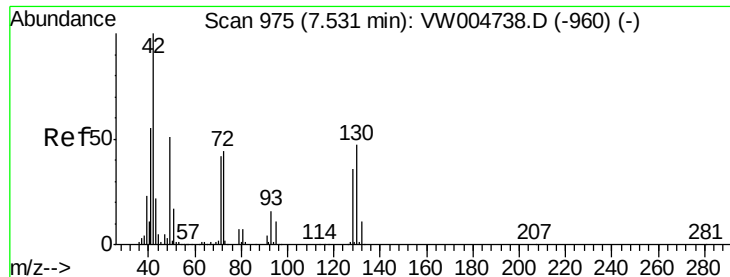


#28

Bromochloromethane
 Concen: 145.662 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion: 49 Resp: 875473
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.4
 130 78.0 63.7 95.5





#29

Tetrahydrofuran

Concen: 813.881 ug/l

RT: 7.53 min Scan# 975

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

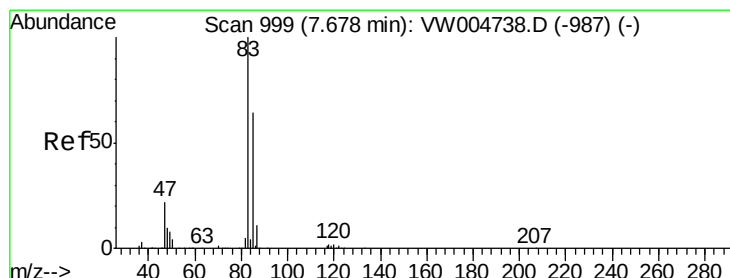
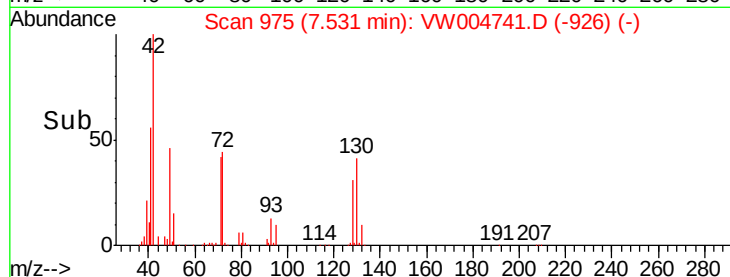
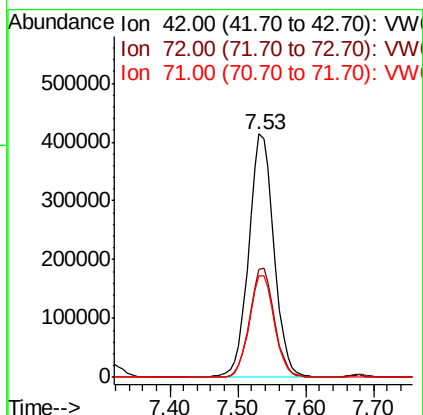
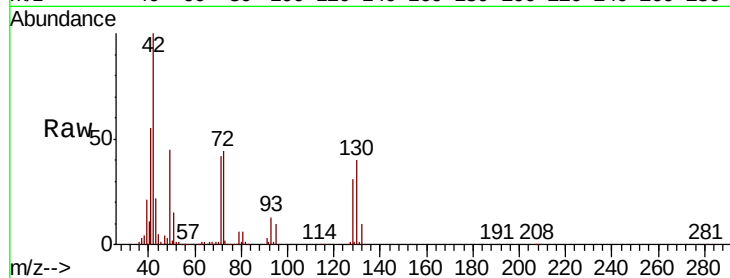
Tgt Ion: 42 Resp: 1066326

Ion Ratio Lower Upper

42 100

72 44.0 34.9 52.3

71 41.7 33.8 50.6



#30

Chloroform

Concen: 147.573 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW004741.D

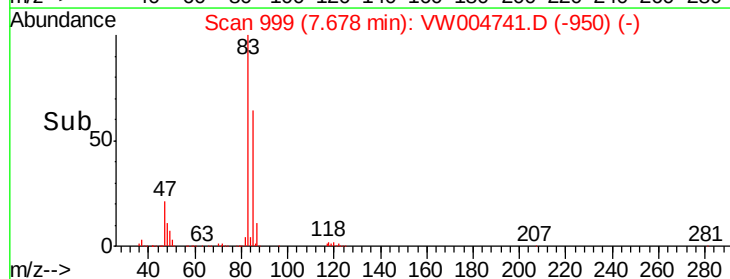
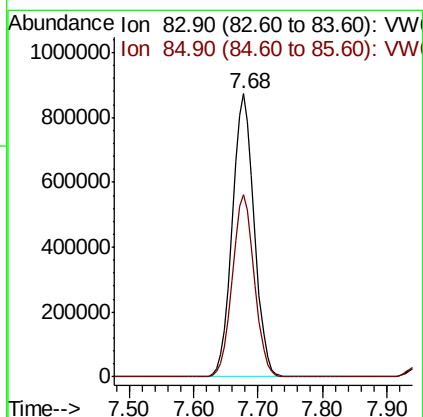
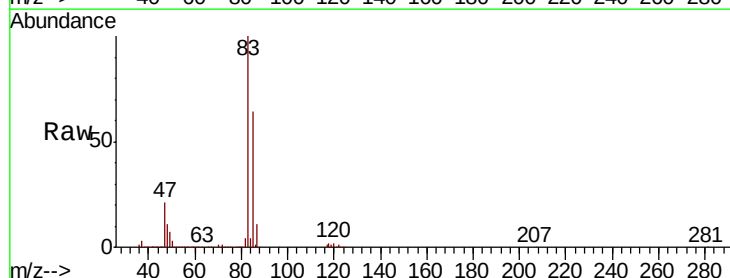
Acq: 17 Aug 2018 18:29

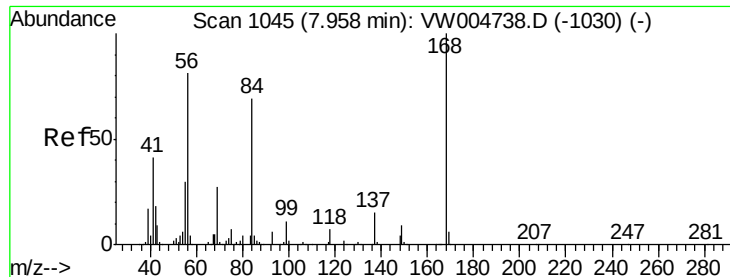
Tgt Ion: 83 Resp: 2071484

Ion Ratio Lower Upper

83 100

85 64.3 51.0 76.6

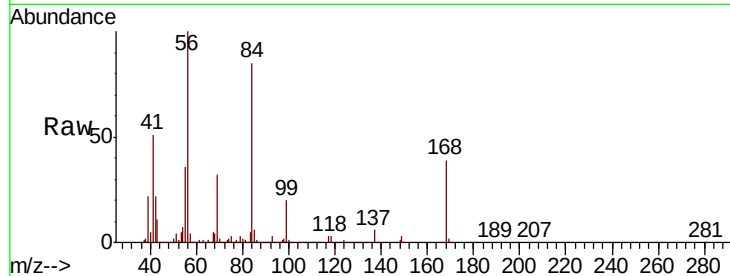




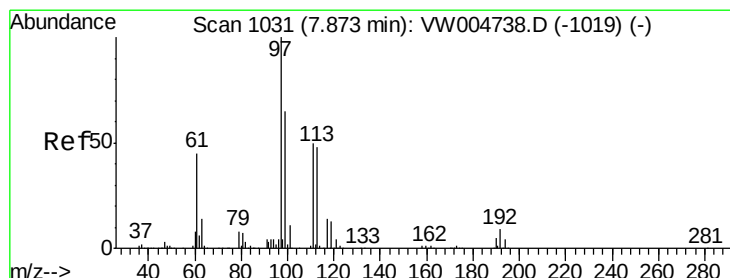
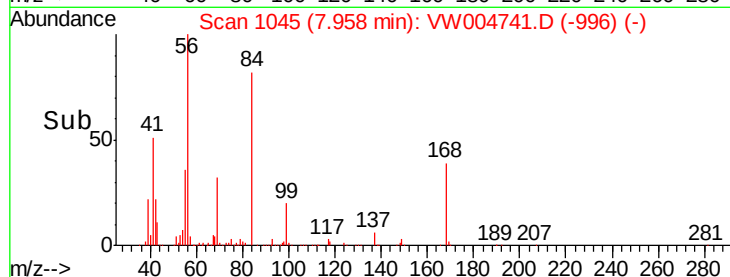
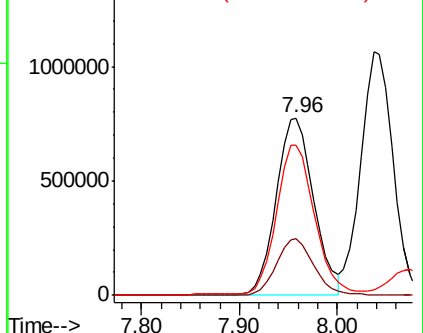
#31
Cyclohexane
Concen: 150.672 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 2080062
Ion Ratio Lower Upper
56 100
69 31.8 27.1 40.7
84 84.5 68.3 102.5

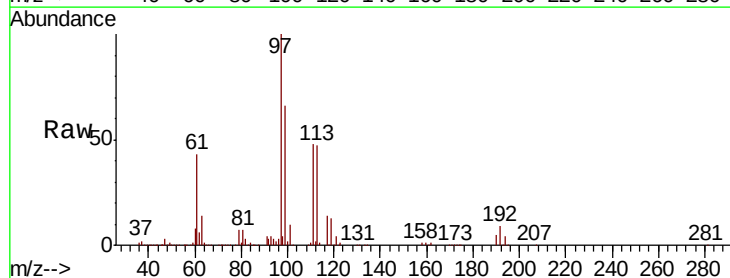


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

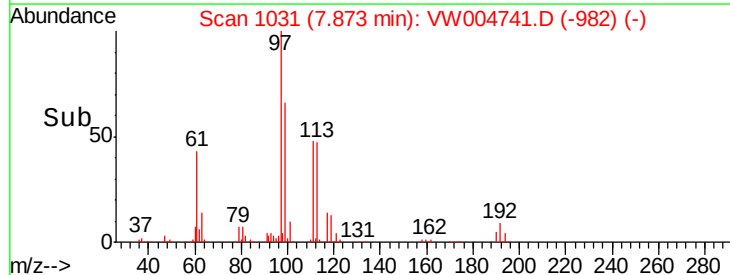
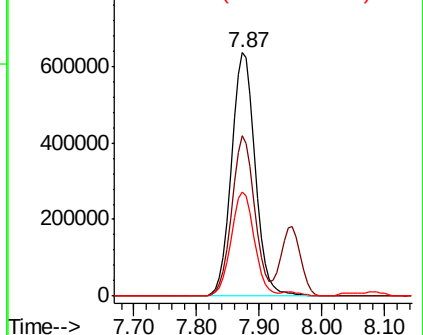


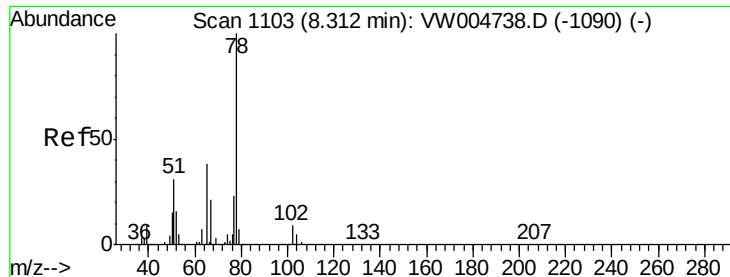
#32
1,1,1-Trichloroethane
Concen: 149.241 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion: 97 Resp: 1660607
Ion Ratio Lower Upper
97 100
99 63.3 51.7 77.5
61 42.5 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

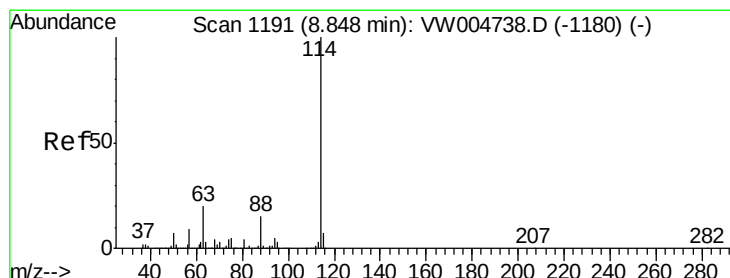
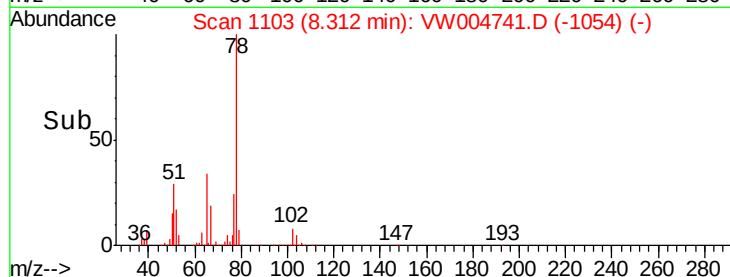
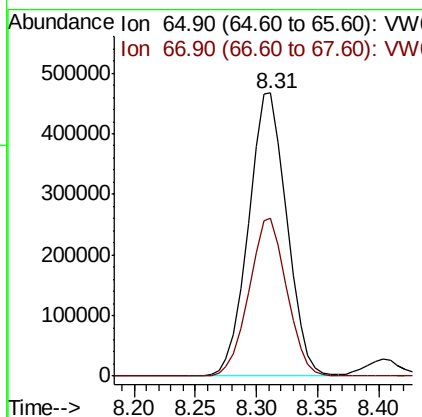
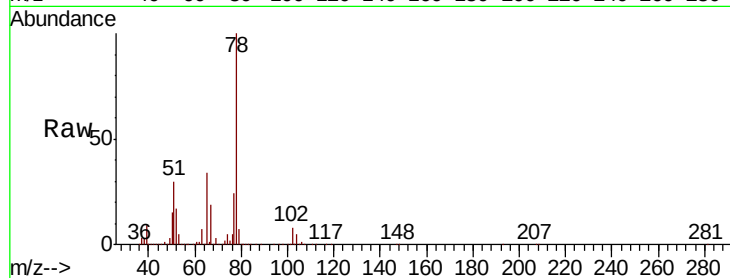




#33
 1,2-Dichloroethane-d4
 Concen: 144.210 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

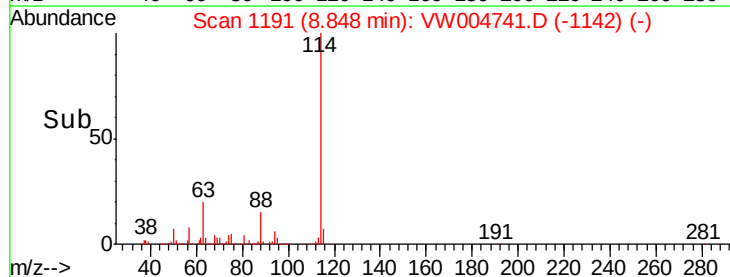
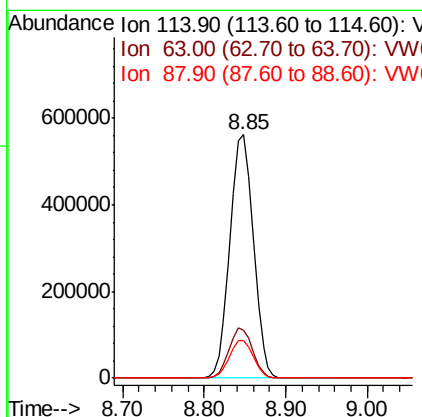
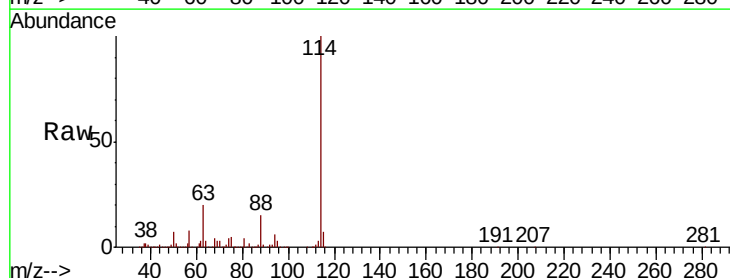
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

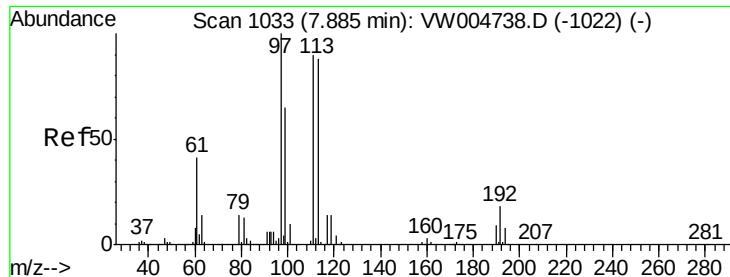
Tgt Ion: 65 Resp: 1018717
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion: 114 Resp: 1116106
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.4 0.0 30.0

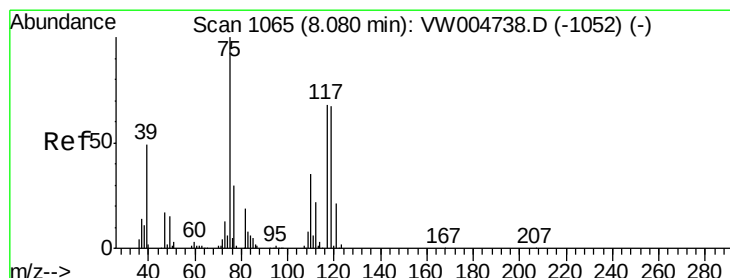
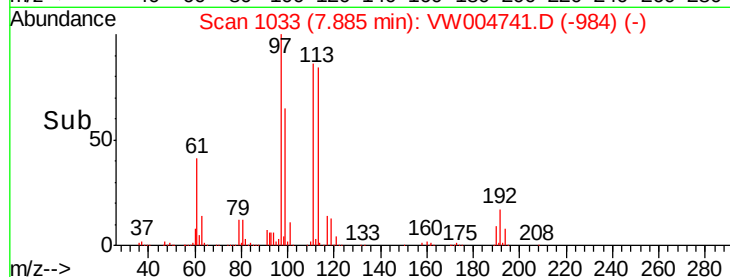
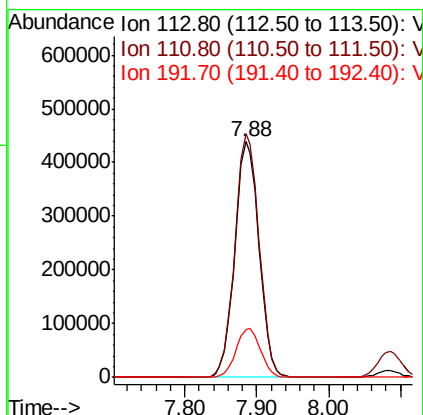
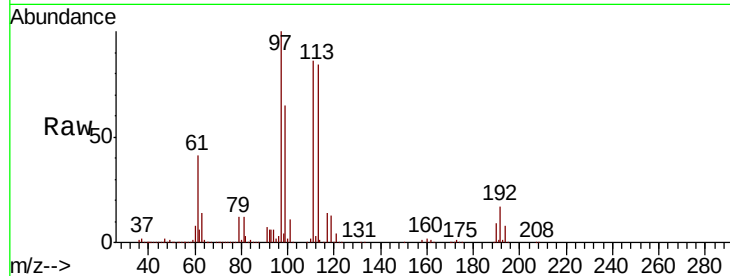




#35
 Dibromofluoromethane
 Concen: 143.386 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

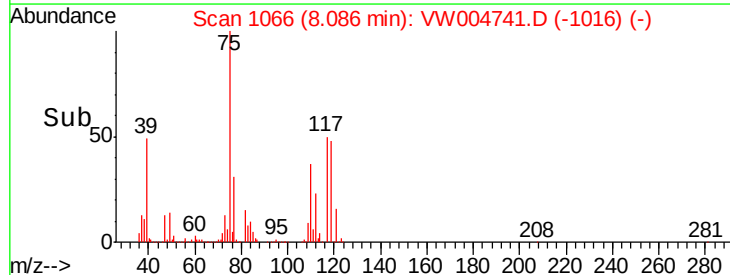
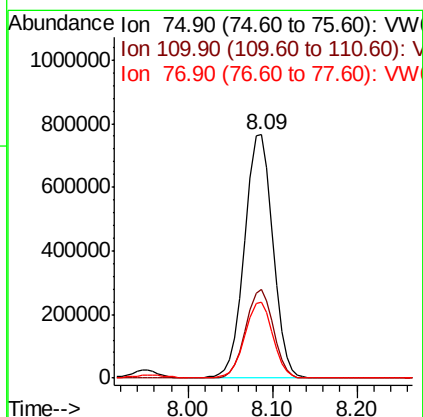
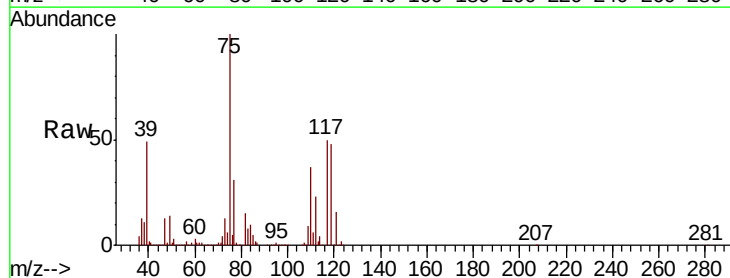
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

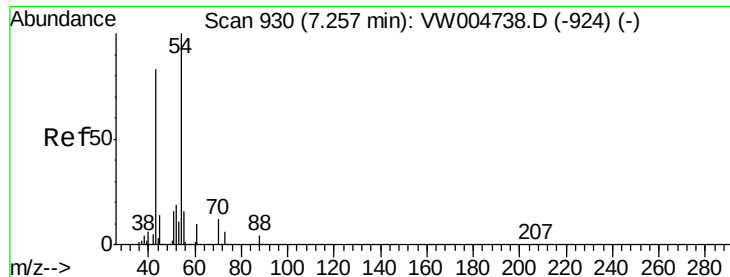
Tgt Ion:113 Resp: 1022831
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.4 123.6
 192 21.1 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 151.152 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion: 75 Resp: 1737928
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.8 53.5
 77 31.0 24.9 37.3

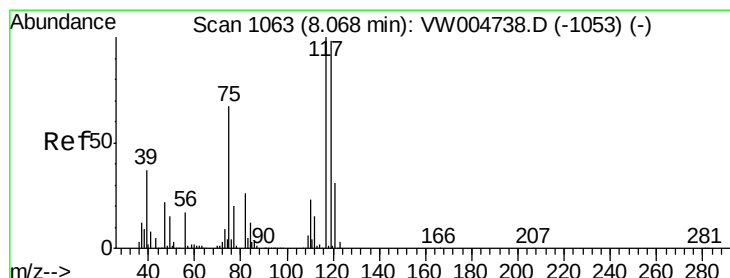
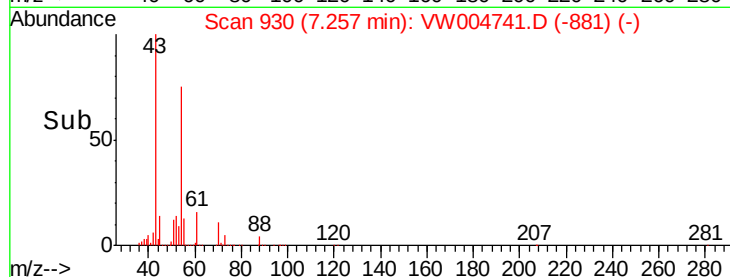
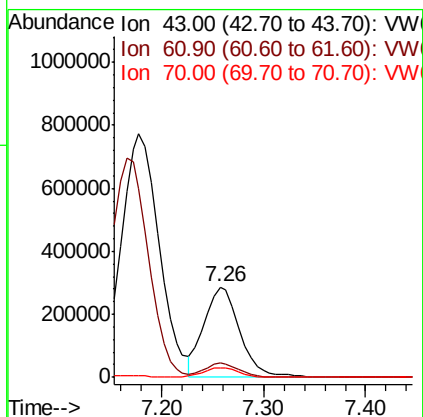
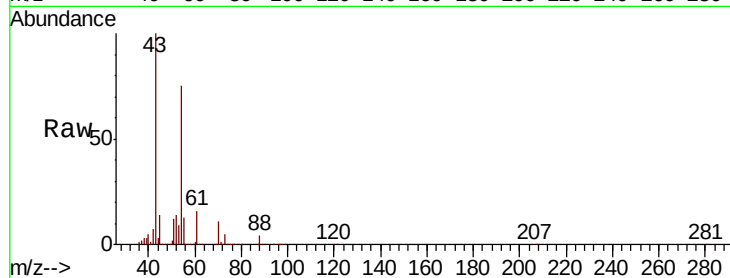




#37
Ethyl Acetate
Concen: 152.773 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

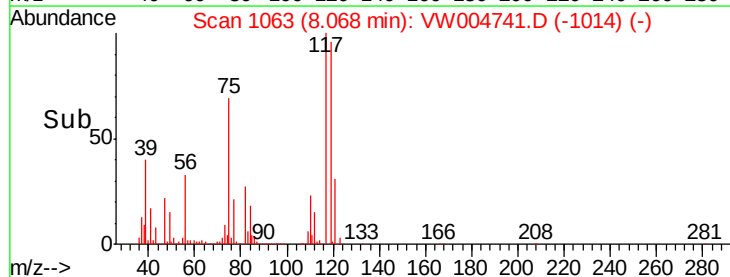
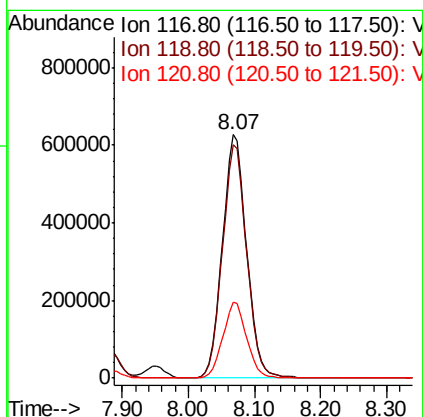
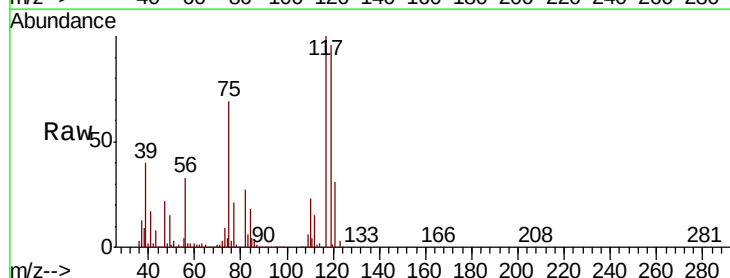
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

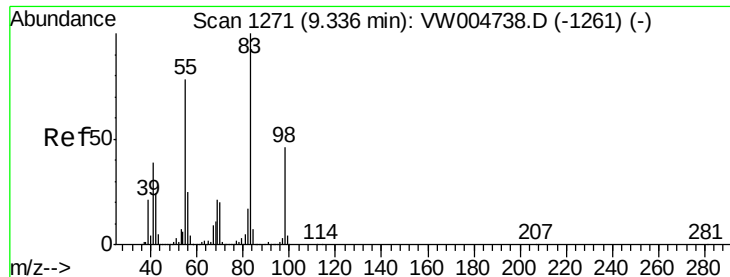
Tgt Ion: 43 Resp: 700216
Ion Ratio Lower Upper
43 100
61 15.1 11.6 17.4
70 11.2 9.2 13.8



#38
Carbon Tetrachloride
Concen: 150.112 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion: 117 Resp: 1588749
Ion Ratio Lower Upper
117 100
119 95.9 78.0 117.0
121 31.1 24.8 37.2

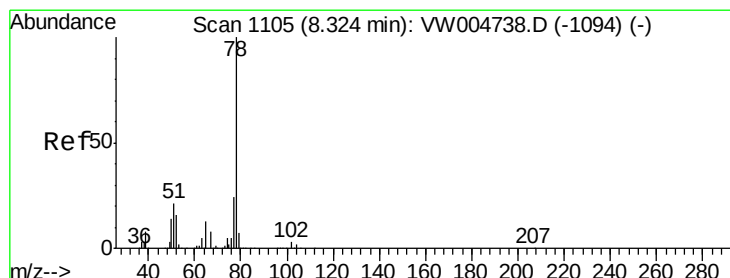
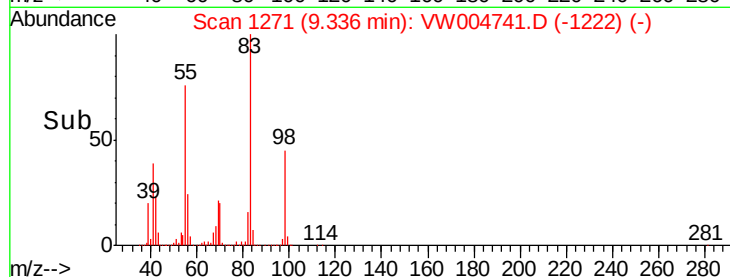
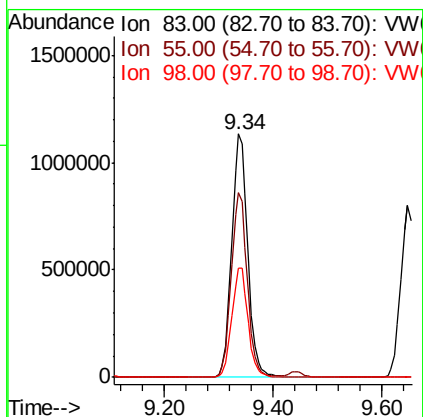
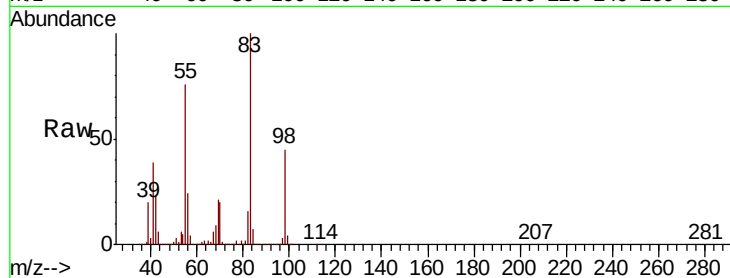




#39
Methylcyclohexane
Concen: 162.928 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

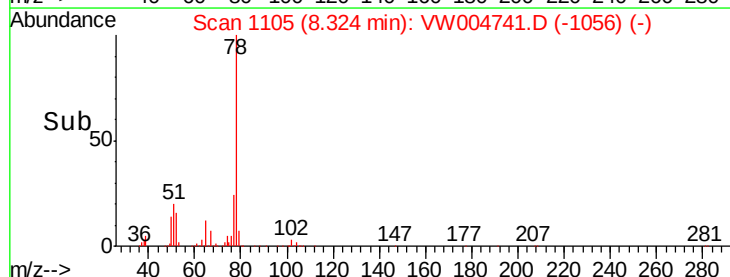
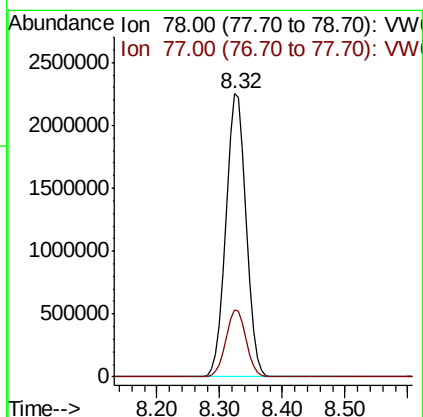
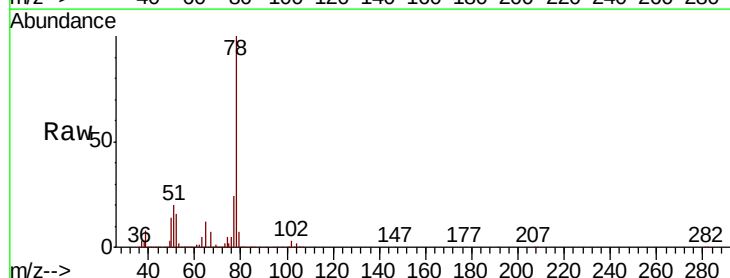
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

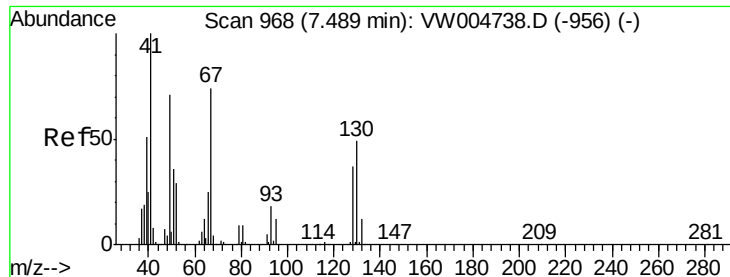
Tgt Ion: 83 Resp: 2342725
Ion Ratio Lower Upper
83 100
55 76.0 62.4 93.6
98 45.1 36.5 54.7



#40
Benzene
Concen: 149.916 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion: 78 Resp: 5009406
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

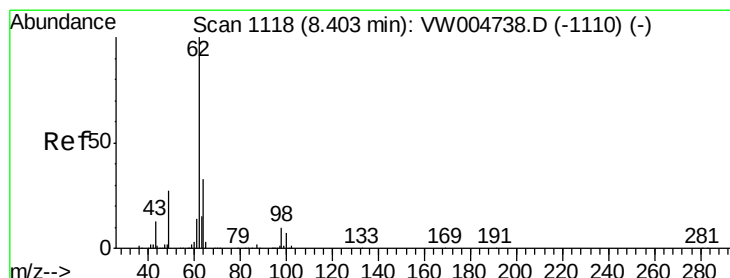
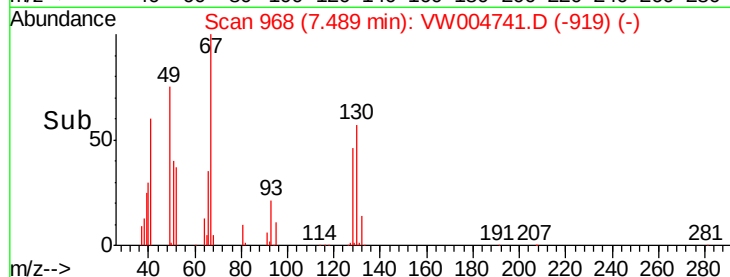
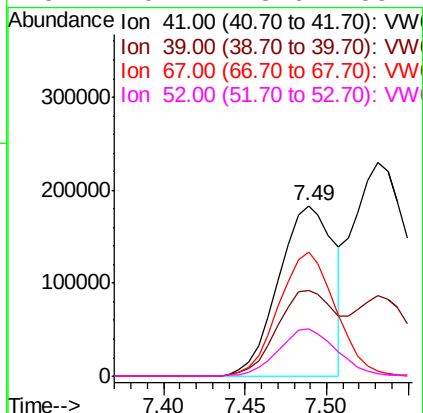
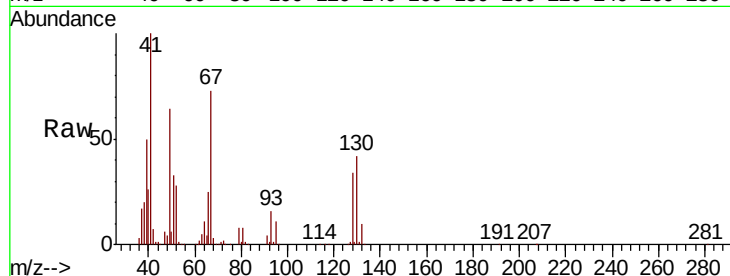




#41
Methacrylonitrile
Concen: 166.570 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

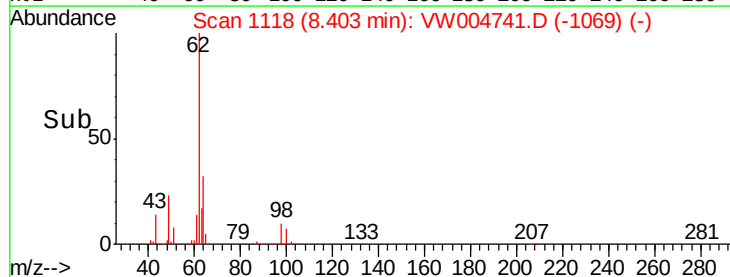
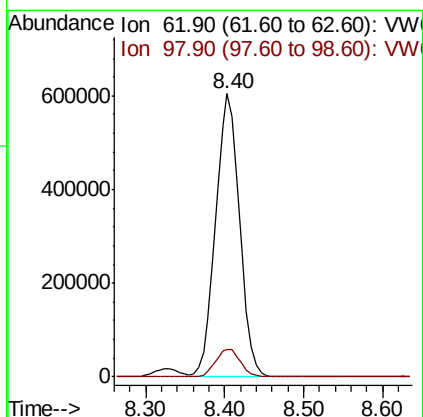
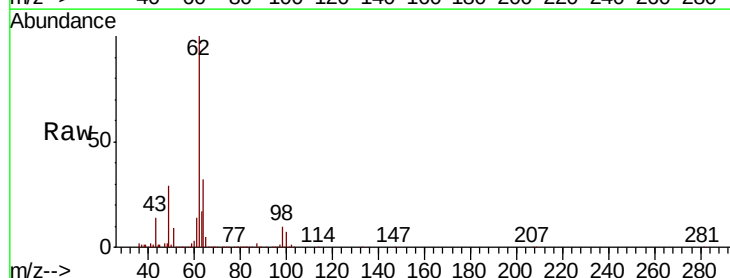
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

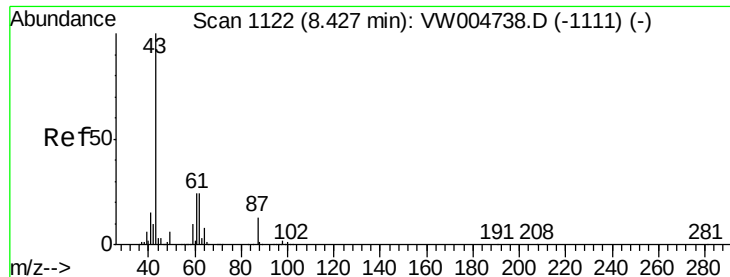
Tgt Ion:	41	Resp:	433276
Ion	Ratio	Lower	Upper
41	100		
39	51.1	41.0	61.4
67	75.2	59.5	89.3
52	29.1	23.6	35.4



#42
1,2-Dichloroethane
Concen: 148.650 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion:	62	Resp:	1273725
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2





#43

Isopropyl Acetate

Concen: 166.844 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

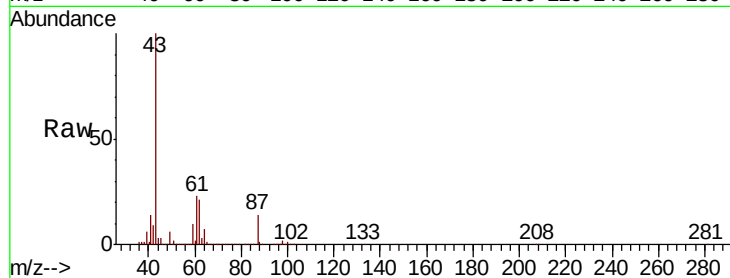
Tgt Ion: 43 Resp: 1373594

Ion Ratio Lower Upper

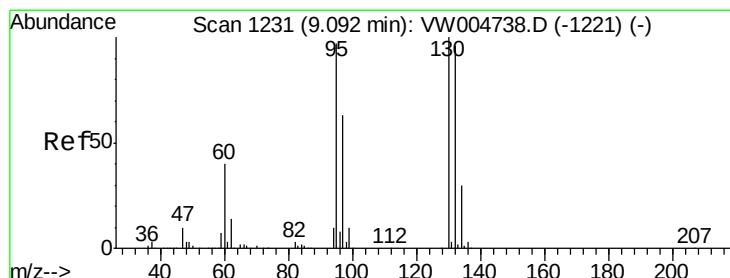
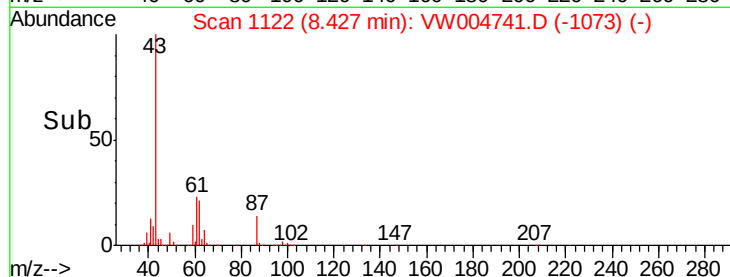
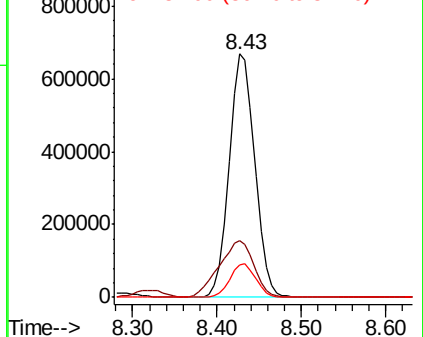
43 100

61 31.7 26.2 39.4

87 13.9 10.9 16.3



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



#44

Trichloroethene

Concen: 151.979 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004741.D

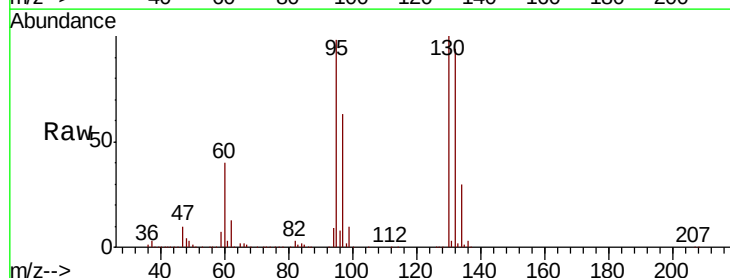
Acq: 17 Aug 2018 18:29

Tgt Ion: 130 Resp: 1289110

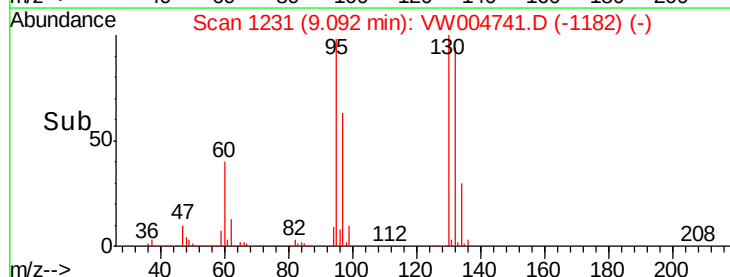
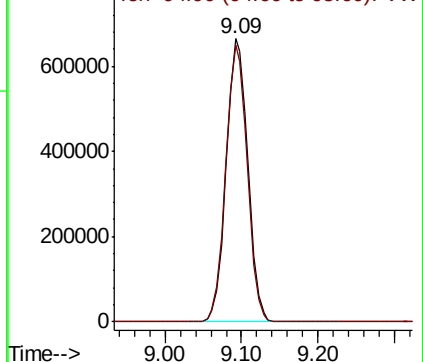
Ion Ratio Lower Upper

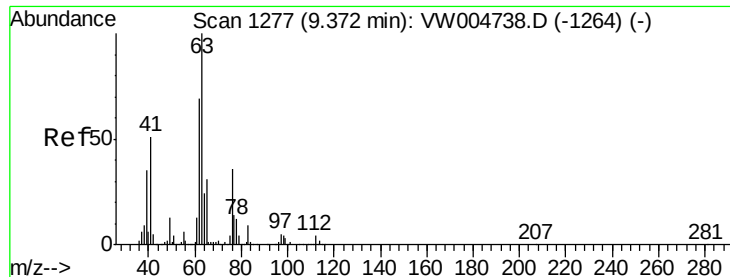
130 100

95 98.0 0.0 194.4



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

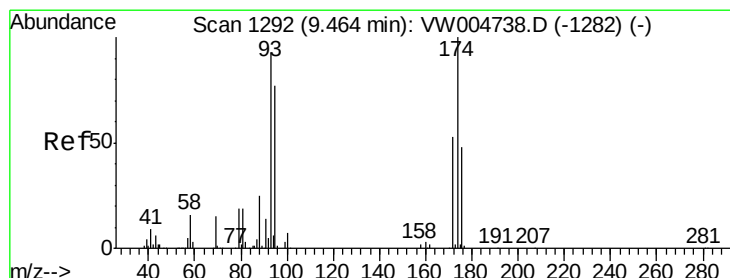
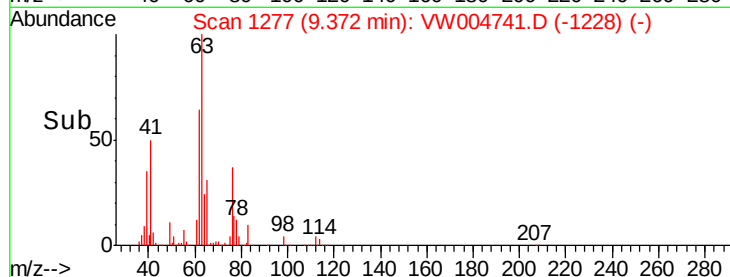
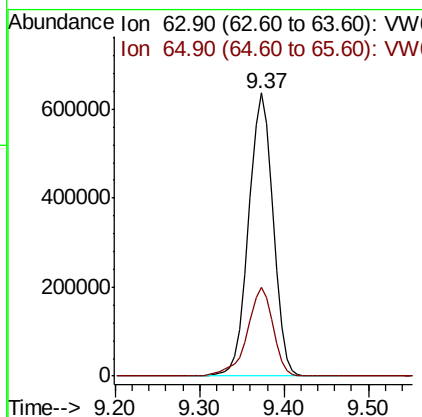
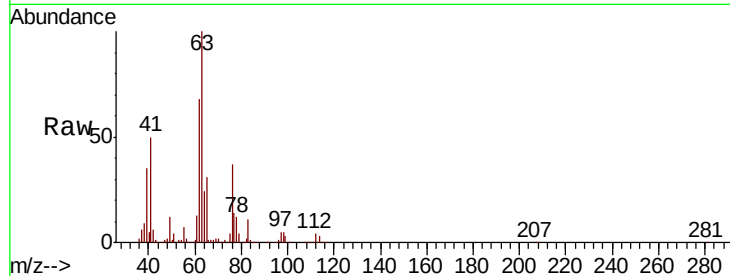




#45
 1,2-Dichloropropane
 Concen: 152.421 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

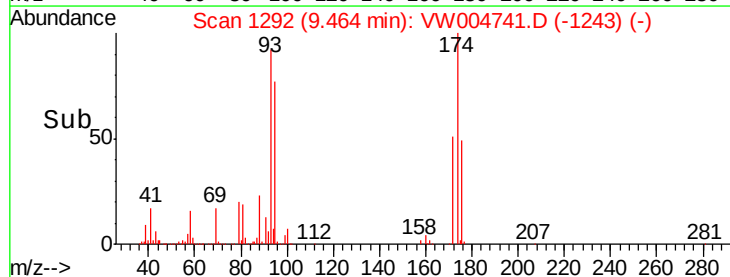
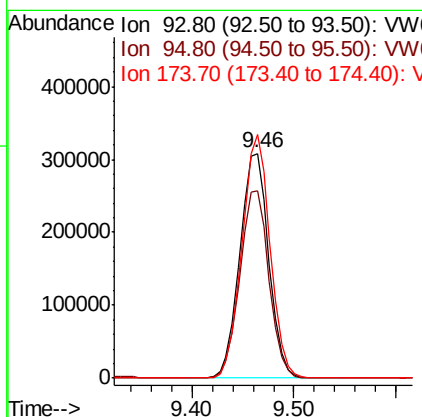
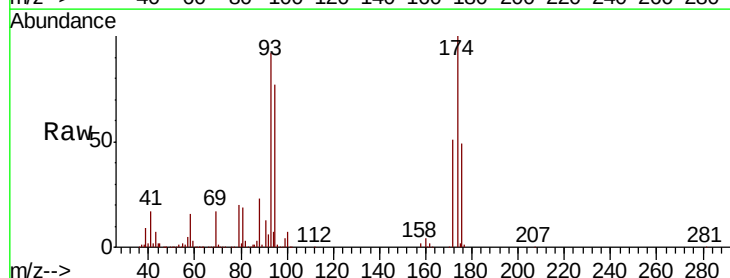
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

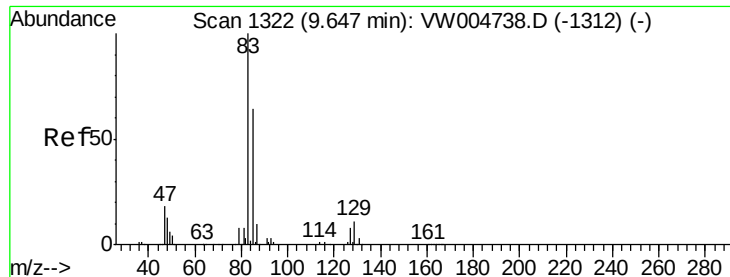
Tgt Ion: 63 Resp: 1245825
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.6 37.0



#46
 Dibromomethane
 Concen: 149.238 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion: 93 Resp: 604309
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.6 99.8
 174 105.7 85.3 127.9





#47

Bromodichloromethane

Concen: 154.967 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

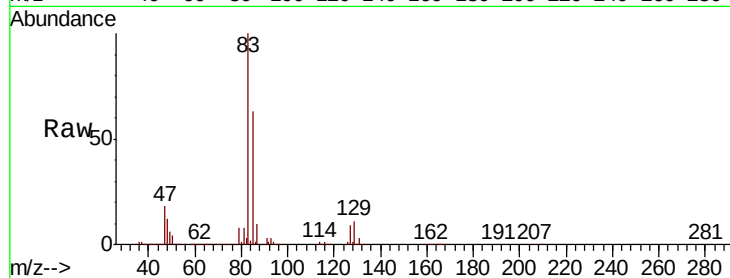
Tgt Ion: 83 Resp: 1498642

Ion Ratio Lower Upper

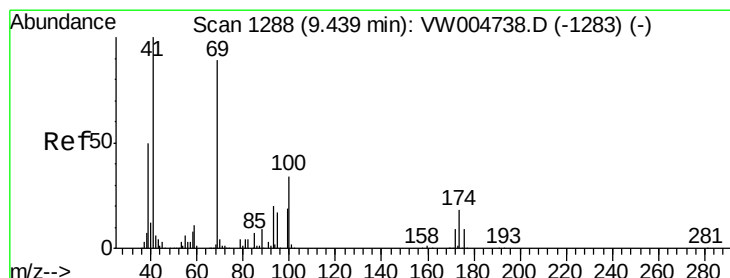
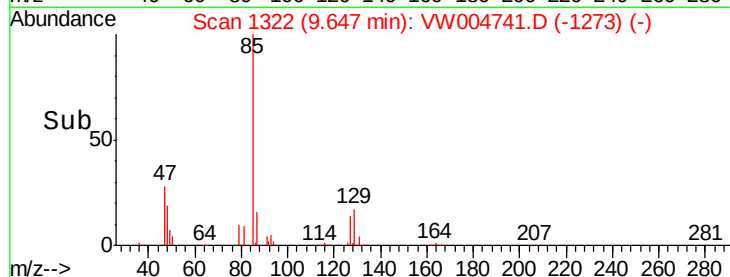
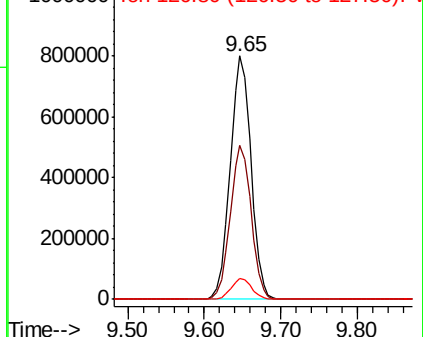
83 100

85 63.2 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): VW



#48

Methyl methacrylate

Concen: 170.652 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

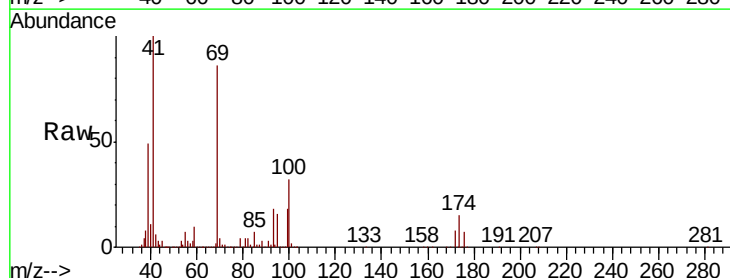
Tgt Ion: 41 Resp: 659244

Ion Ratio Lower Upper

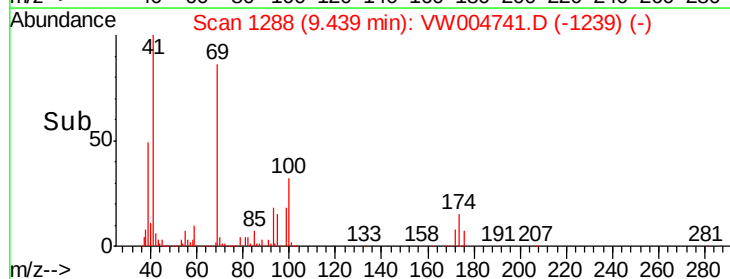
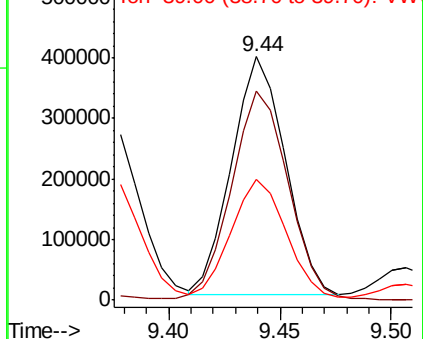
41 100

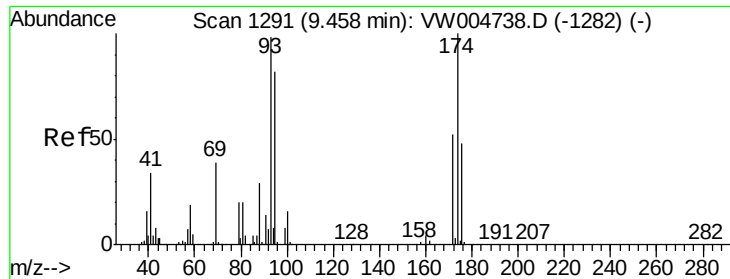
69 93.6 75.2 112.8

39 50.0 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: 3136.043 ug/l

RT: 9.47 min Scan# 1293

Delta R.T. 0.01 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

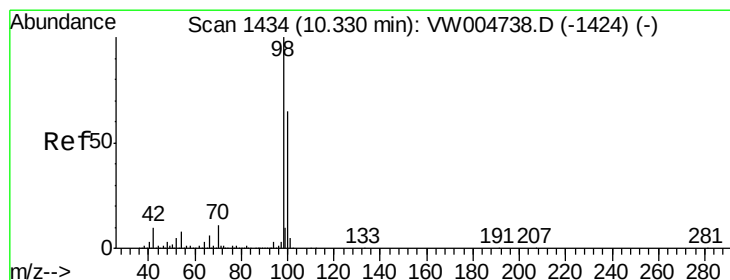
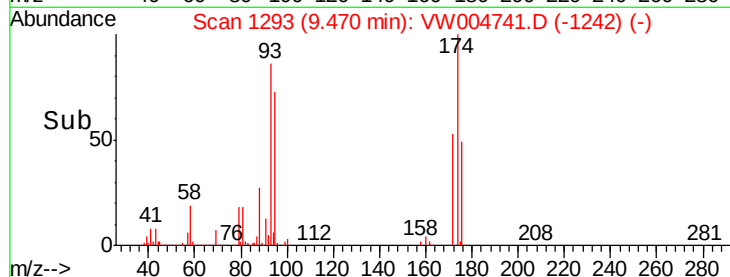
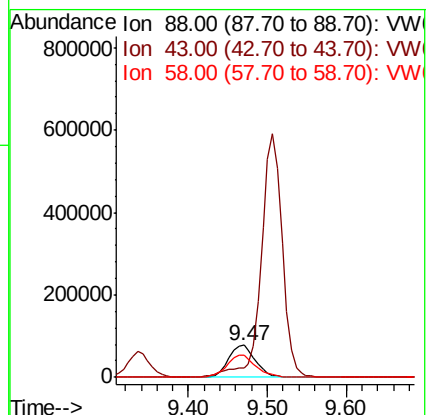
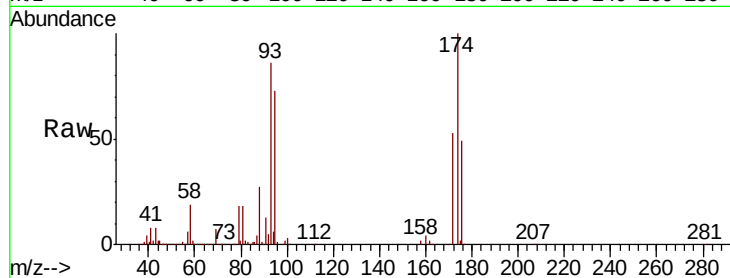
Tgt Ion: 88 Resp: 185529

Ion Ratio Lower Upper

88 100

43 0.0 22.9 34.3#

58 74.0 60.0 90.0



#50

Toluene-d8

Concen: 147.172 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004741.D

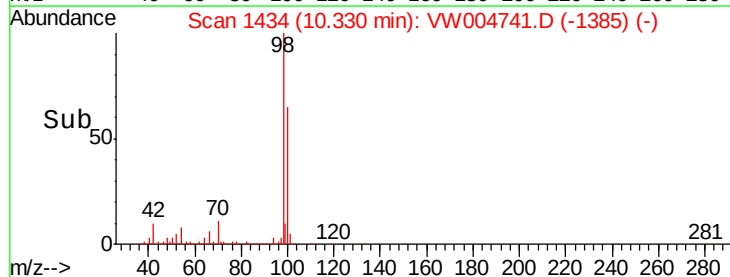
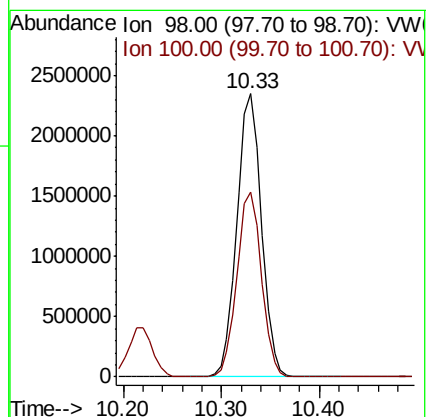
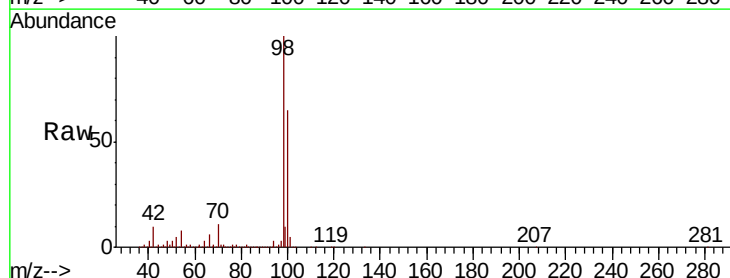
Acq: 17 Aug 2018 18:29

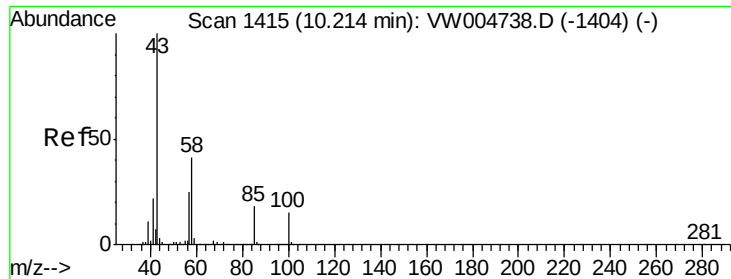
Tgt Ion: 98 Resp: 4098127

Ion Ratio Lower Upper

98 100

100 65.2 51.8 77.8

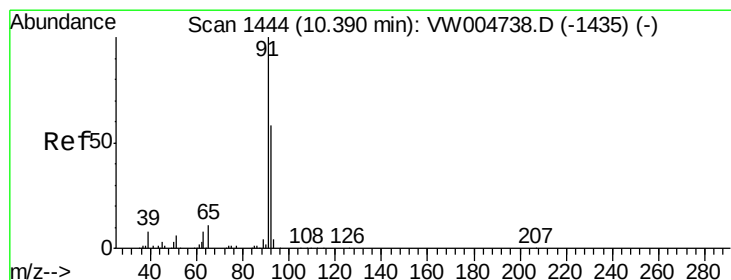
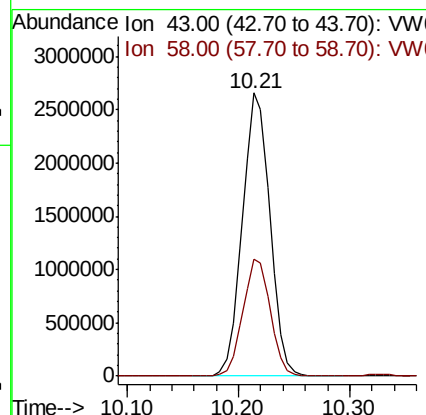
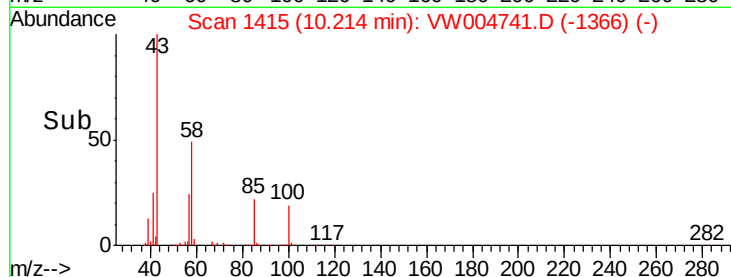
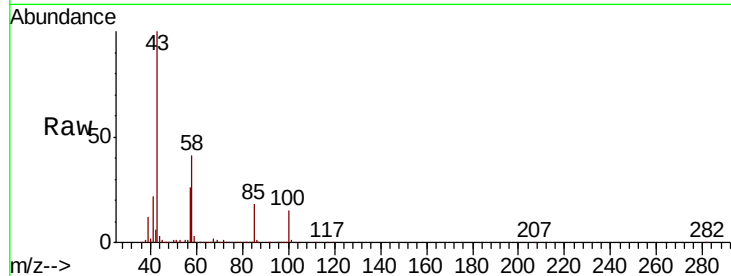




#51
 4-Methyl-2-Pentanone
 Concen: 816.373 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

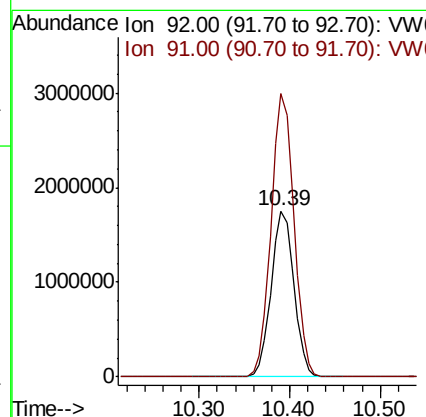
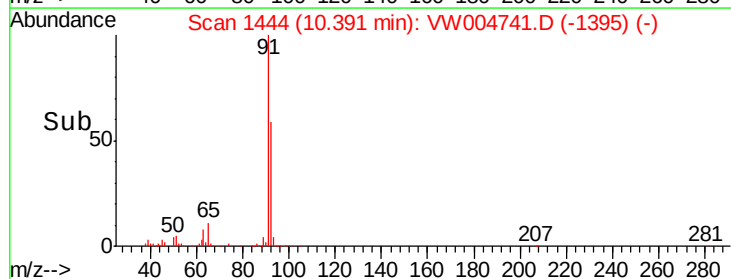
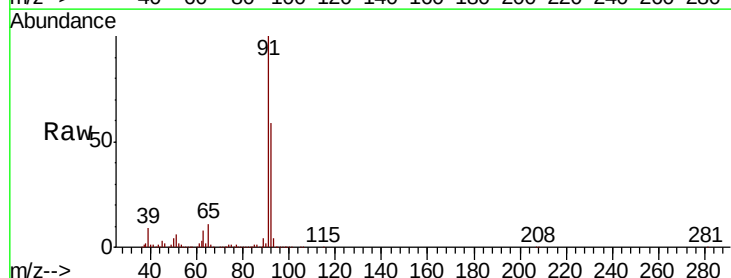
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

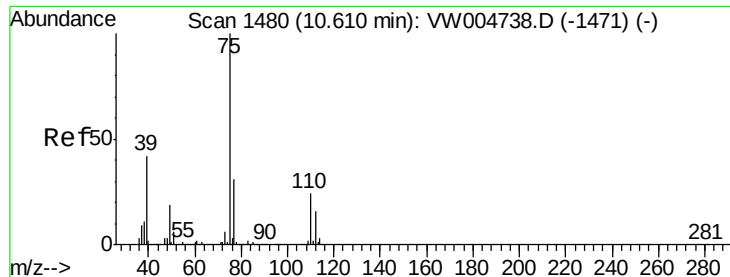
Tgt Ion: 43 Resp: 4542381
 Ion Ratio Lower Upper
 43 100
 58 41.1 32.7 49.1



#52
 Toluene
 Concen: 152.141 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion: 92 Resp: 3048979
 Ion Ratio Lower Upper
 92 100
 91 171.6 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 161.526 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

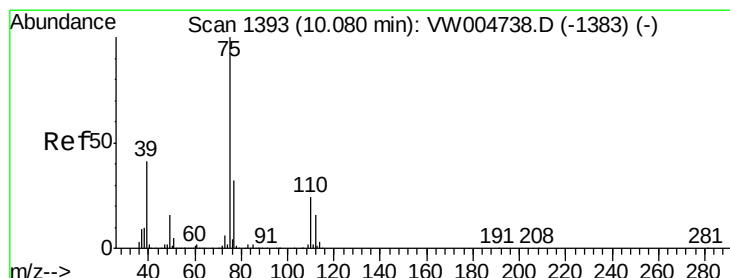
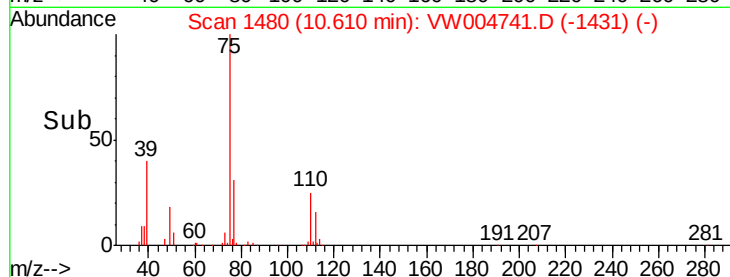
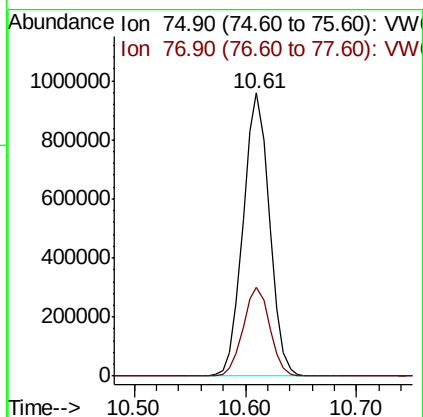
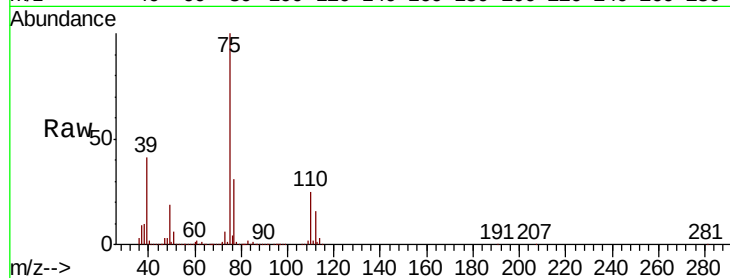
VSTDIC150

Tgt Ion: 75 Resp: 1573802

Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 160.987 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

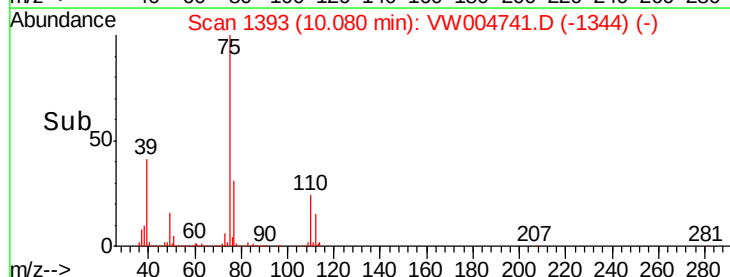
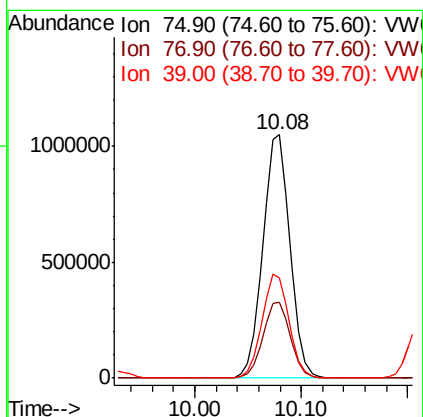
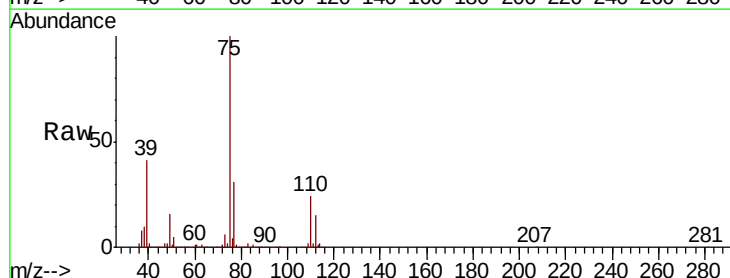
Tgt Ion: 75 Resp: 1869953

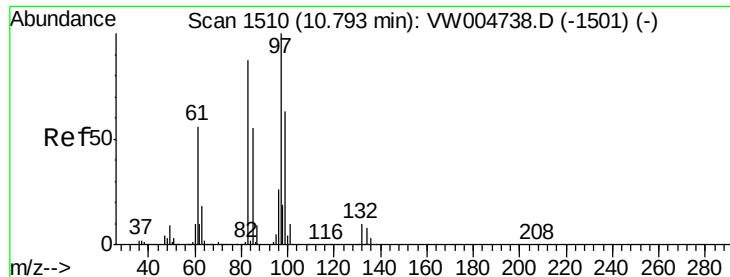
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 41.3 33.0 49.4

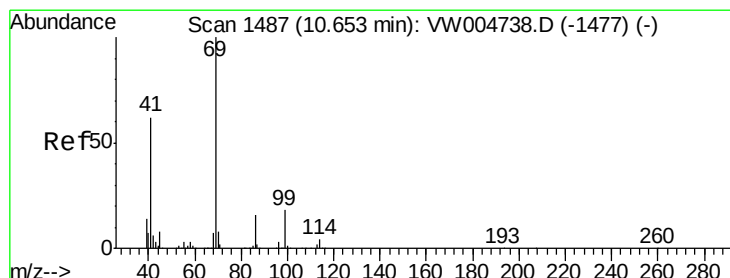
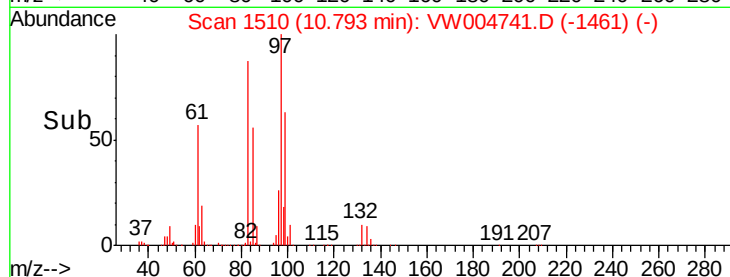
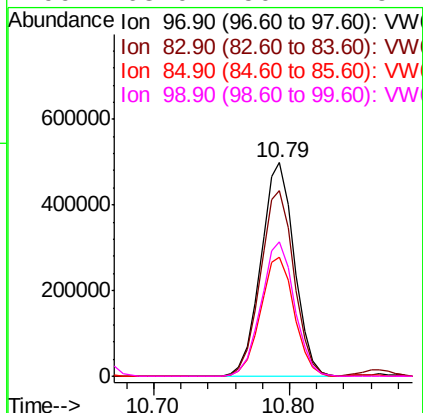
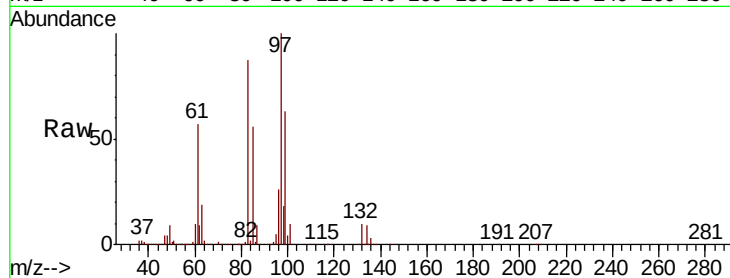




#55
 1,1,2-Trichloroethane
 Concen: 148.980 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

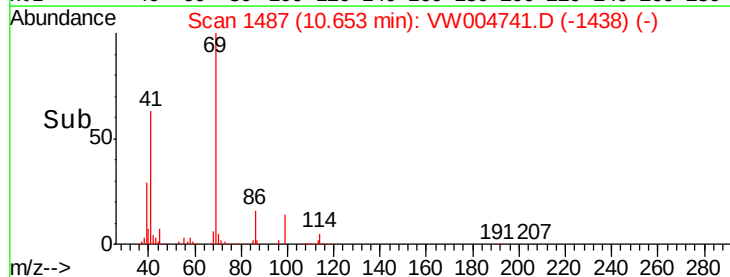
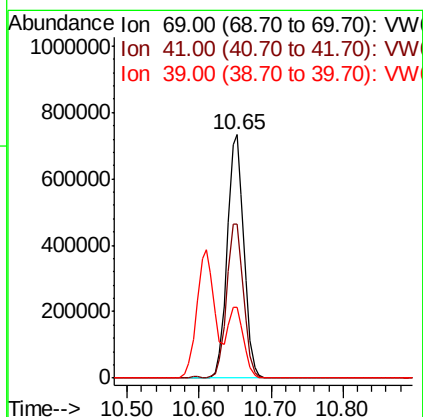
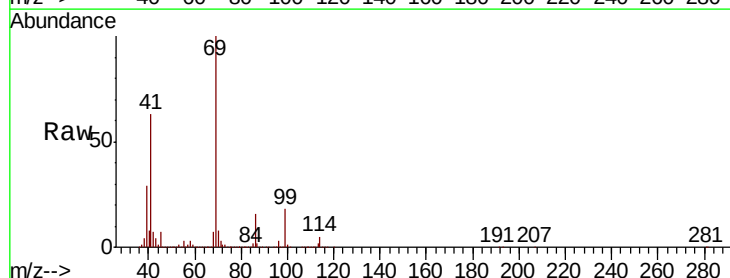
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

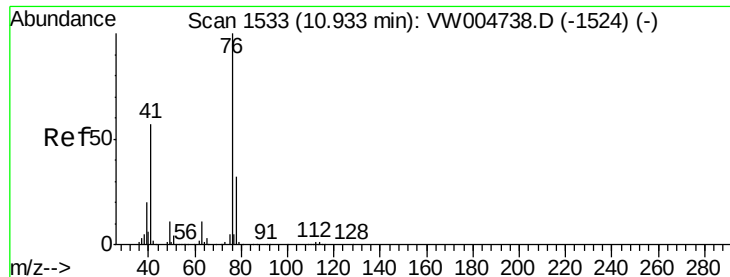
Tgt Ion	Resp	Lower	Upper
97	100		
83	87.1	69.4	104.2
85	55.6	44.3	66.5
99	63.0	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 173.834 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion	Resp	Lower	Upper
69	100		
41	64.2	50.7	76.1
39	27.0	21.4	32.2





#57

1,3-Dichloropropane

Concen: 152.314 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.01 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

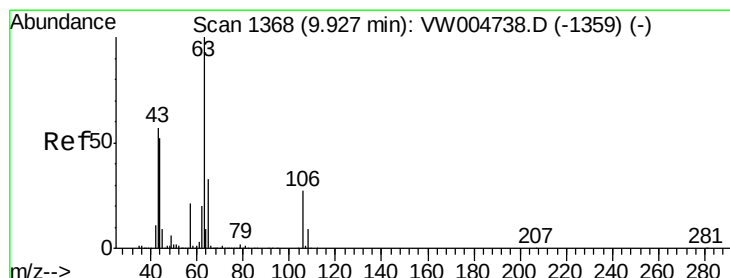
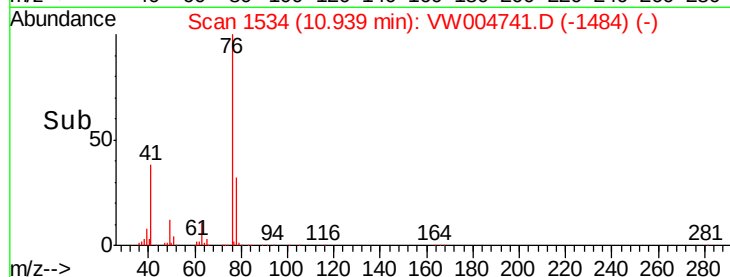
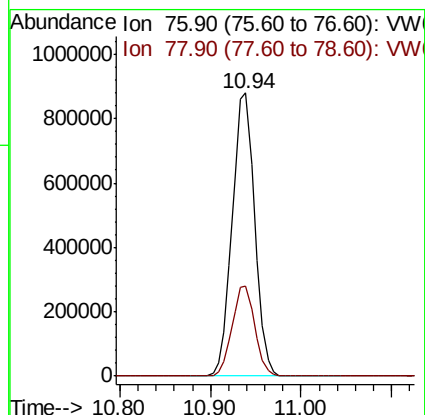
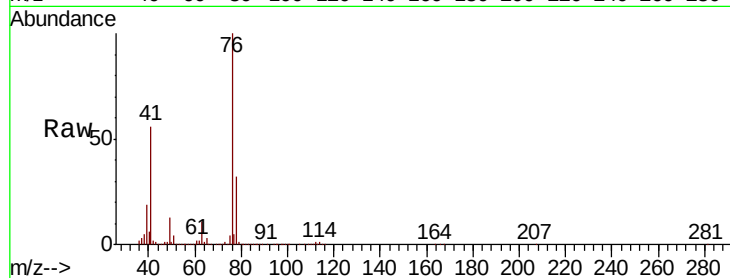
VSTDIC150

Tgt Ion: 76 Resp: 1513355

Ion Ratio Lower Upper

76 100

78 32.0 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 824.228 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004741.D

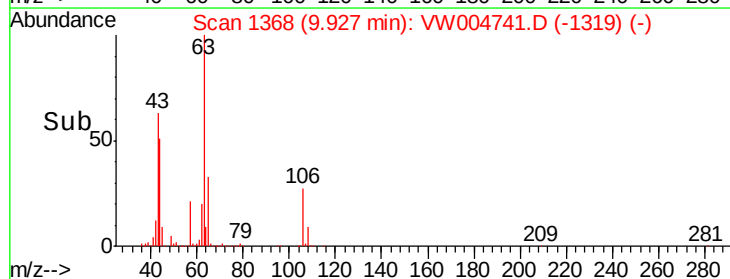
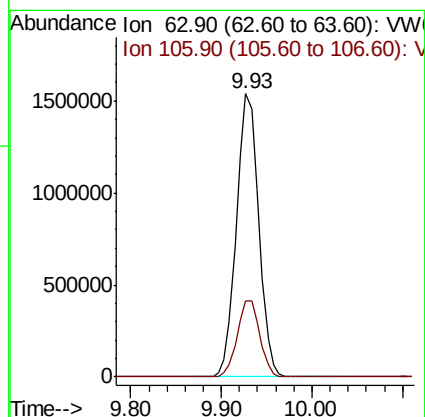
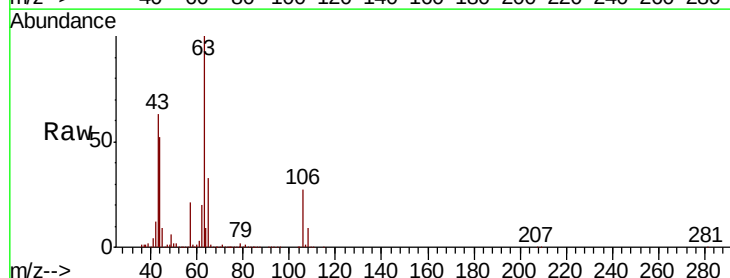
Acq: 17 Aug 2018 18:29

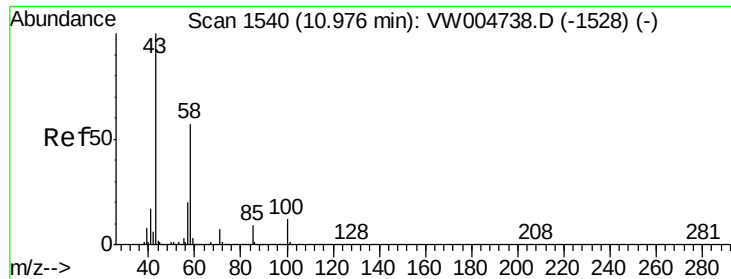
Tgt Ion: 63 Resp: 2620054

Ion Ratio Lower Upper

63 100

106 27.3 22.1 33.1

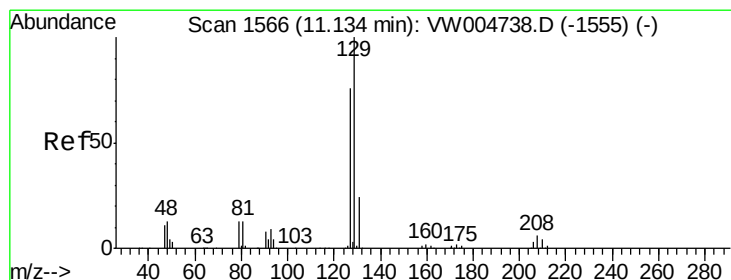
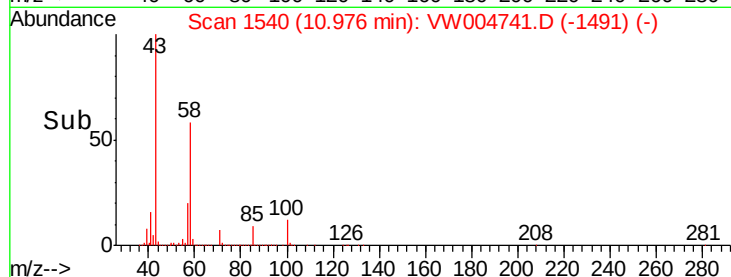
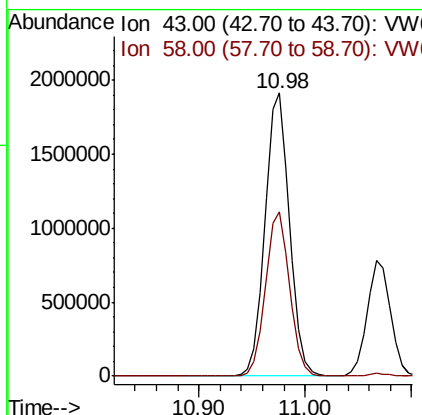
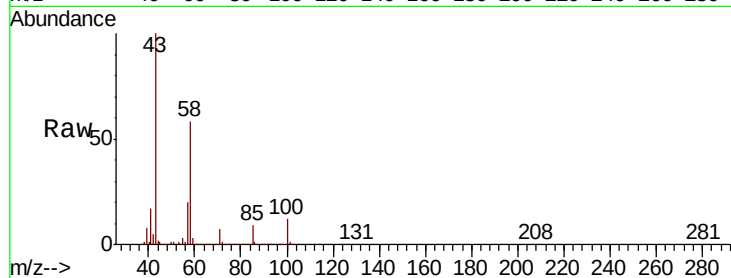




#59
2-Hexanone
Concen: 813.255 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

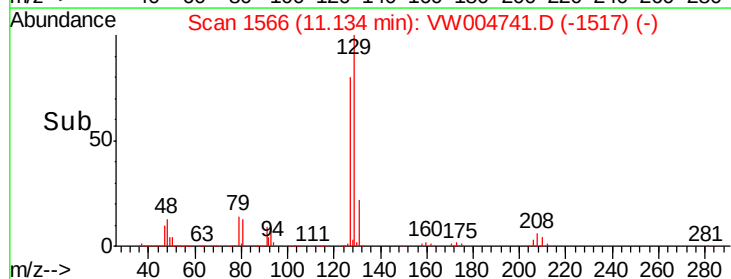
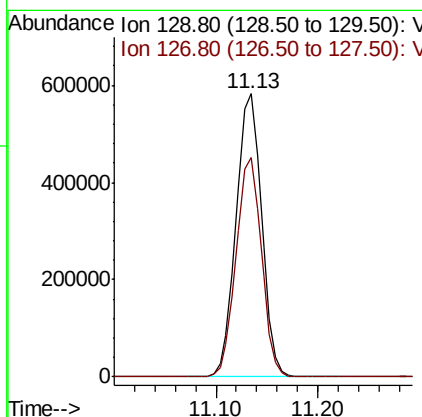
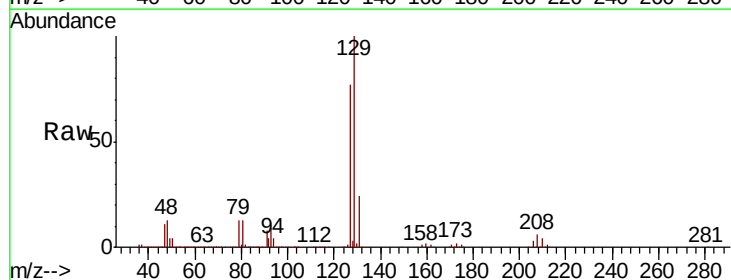
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

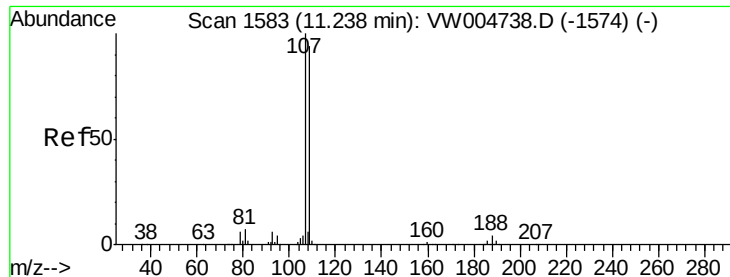
Tgt Ion: 43 Resp: 3066011
Ion Ratio Lower Upper
43 100
58 57.5 28.1 84.4



#60
Dibromochloromethane
Concen: 155.951 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion: 129 Resp: 1007105
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

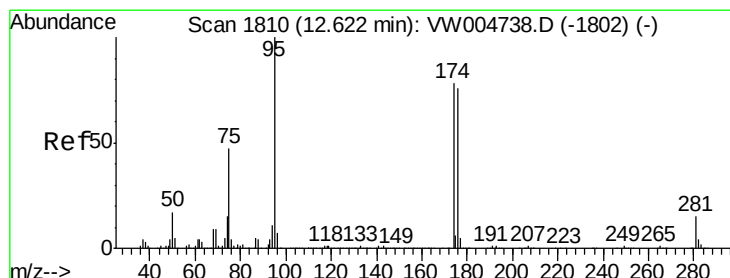
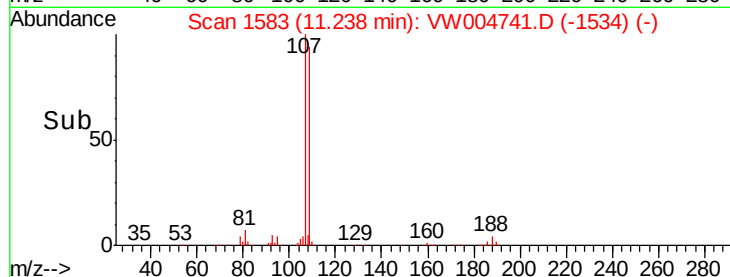
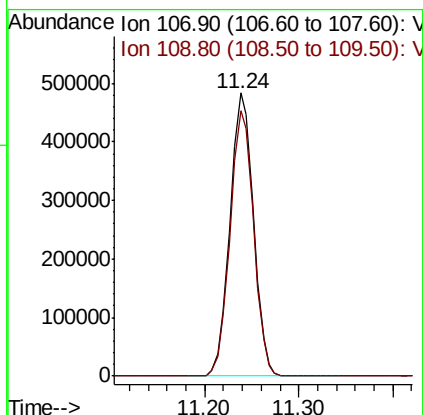
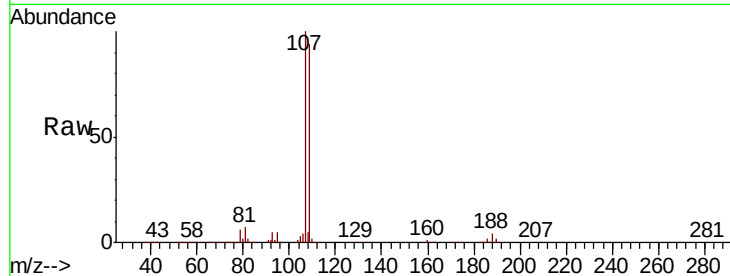




#61
 1,2-Dibromoethane
 Concen: 151.845 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

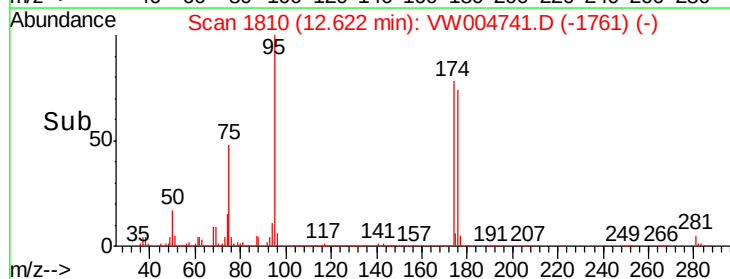
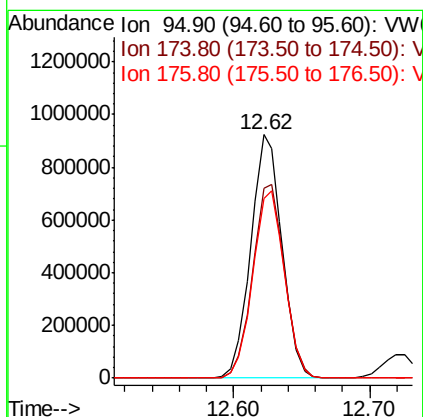
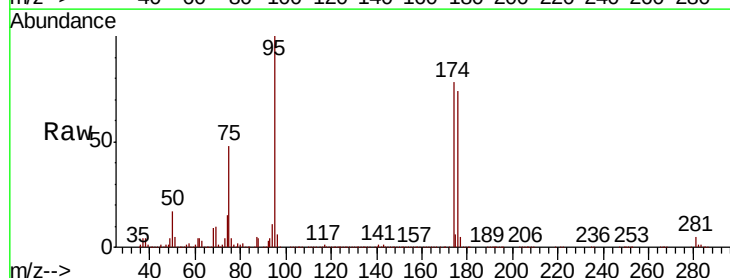
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

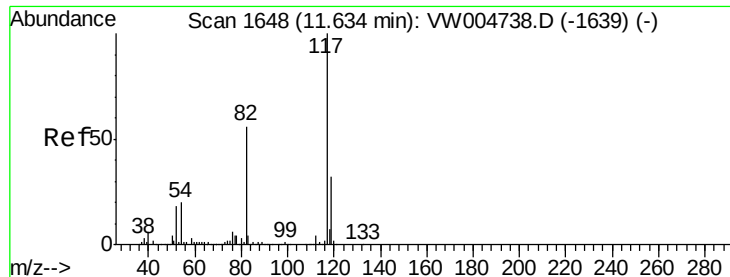
Tgt Ion: 107 Resp: 835450
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 147.937 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion: 95 Resp: 1482013
 Ion Ratio Lower Upper
 95 100
 174 81.3 0.0 165.8
 176 78.5 0.0 159.8

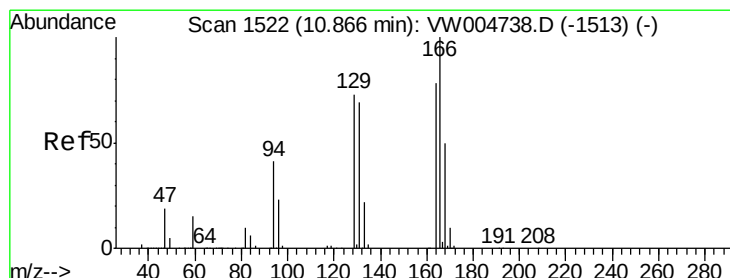
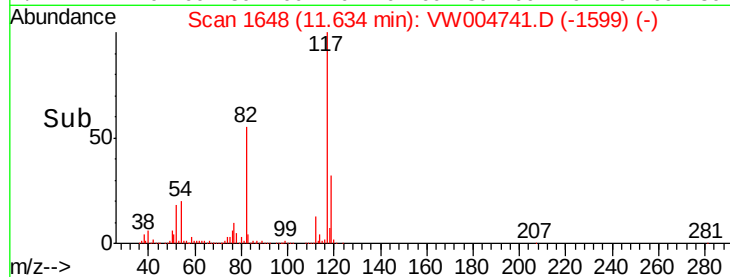
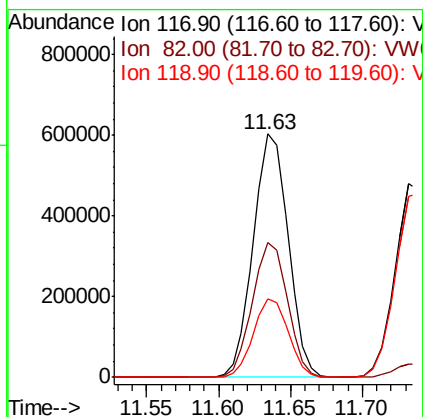
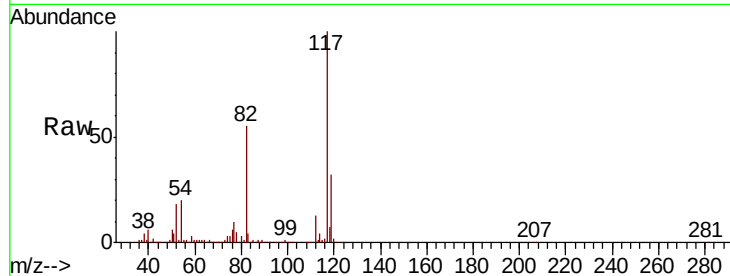




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

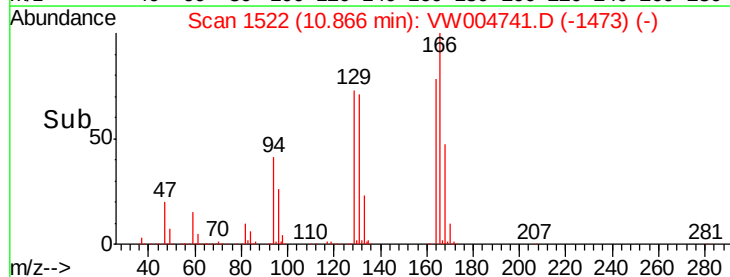
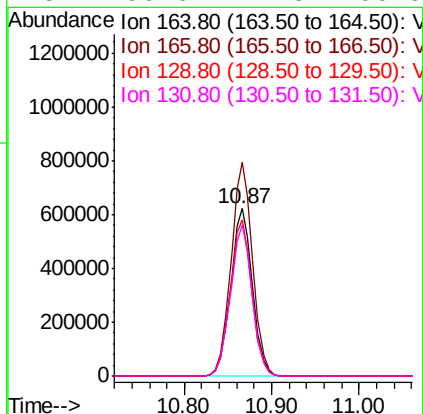
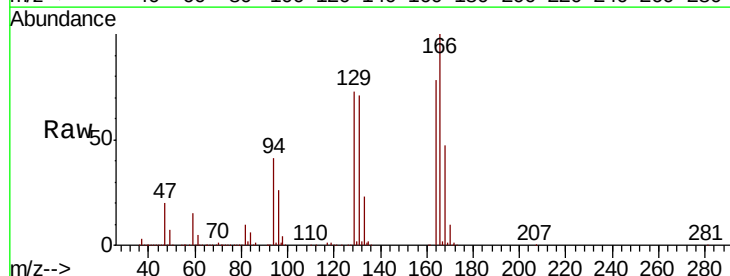
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

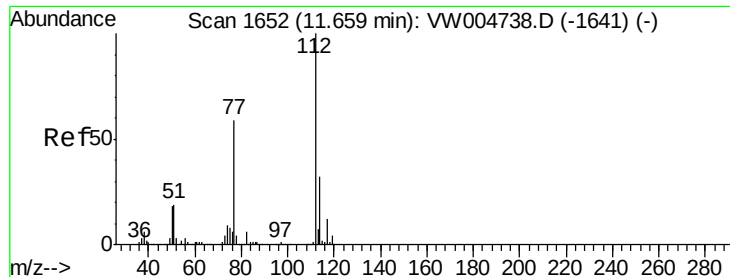
Tgt Ion:117 Resp: 1015224
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 153.259 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion:164 Resp: 1063345
Ion Ratio Lower Upper
164 100
166 127.5 102.5 153.7
129 93.2 75.1 112.7
131 90.6 71.3 106.9

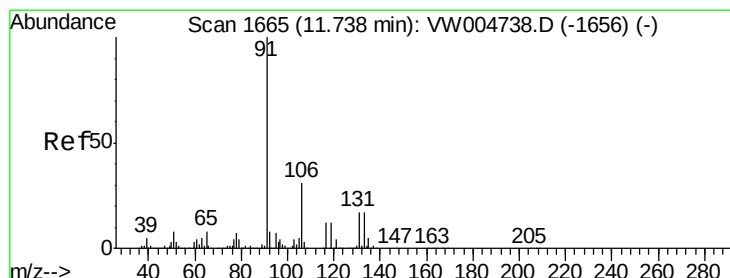
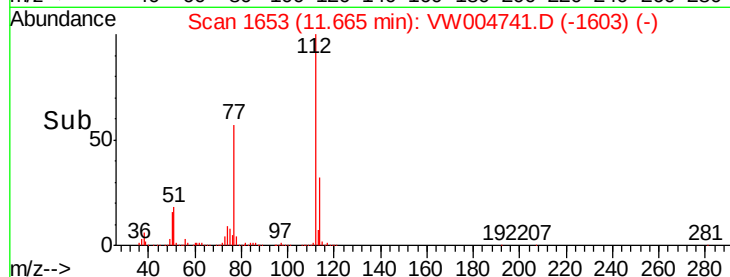
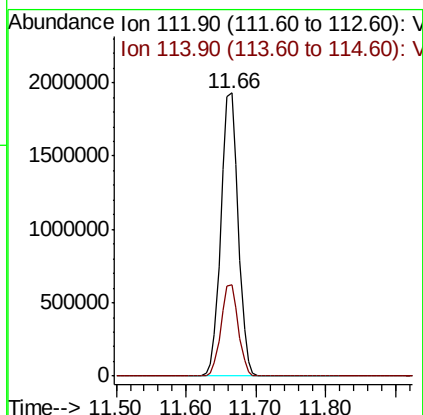
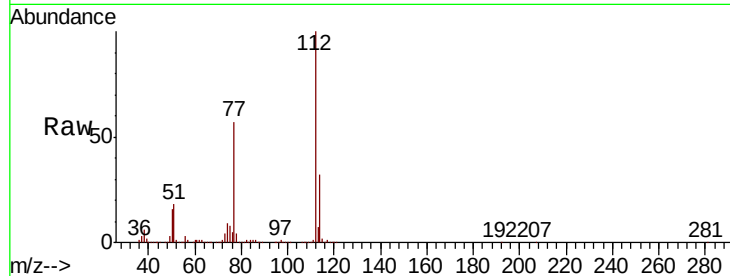




#65
Chlorobenzene
Concen: 151.402 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.01 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

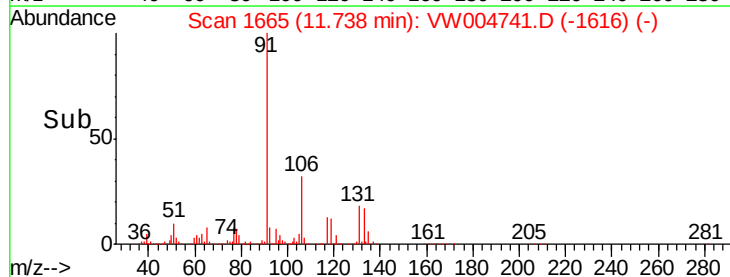
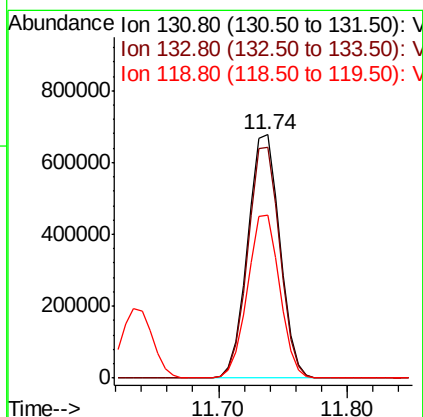
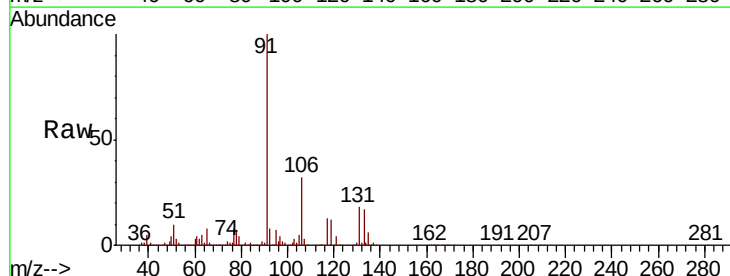
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

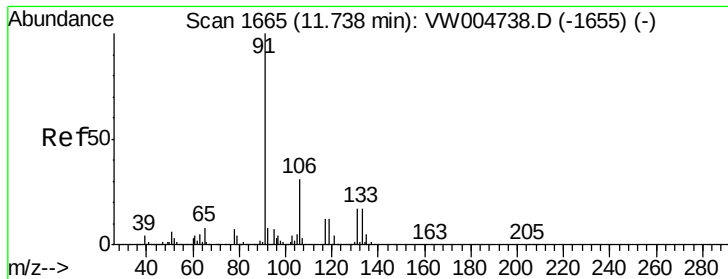
Tgt Ion:112 Resp: 3308257
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 157.594 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion:131 Resp: 1162719
Ion Ratio Lower Upper
131 100
133 94.8 48.2 144.6
119 66.9 34.0 102.0

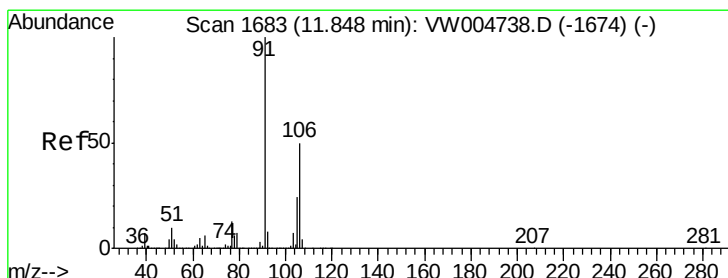
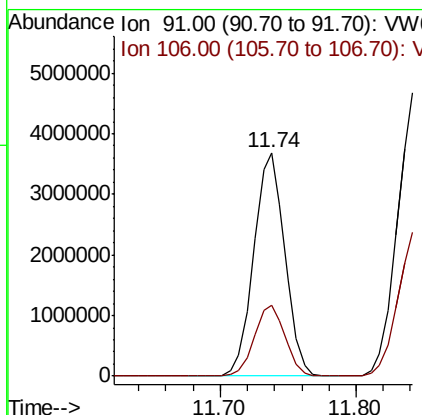
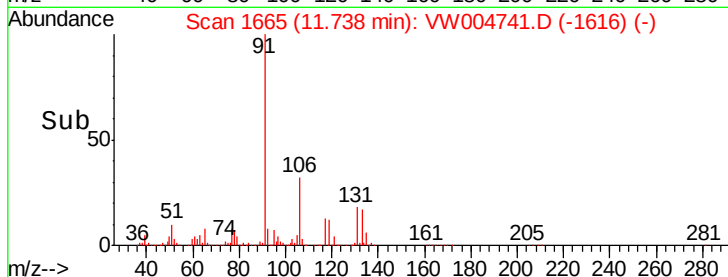
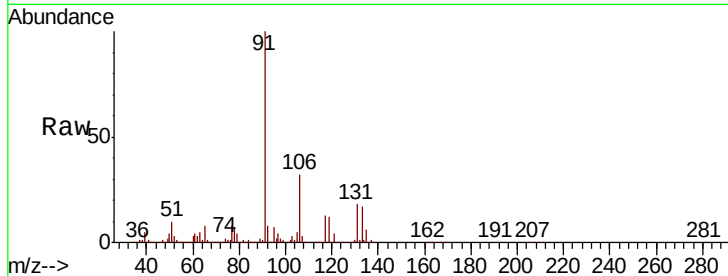




#67
Ethyl Benzene
Concen: 159.314 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

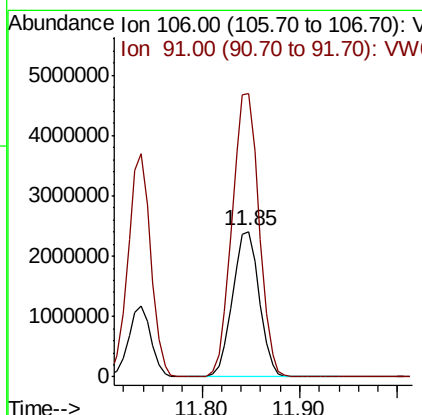
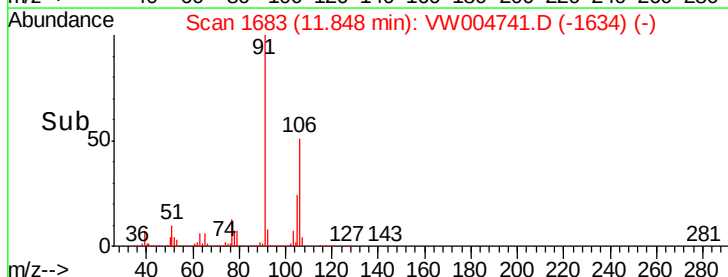
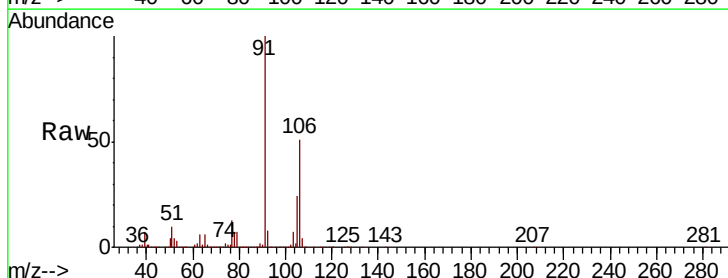
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

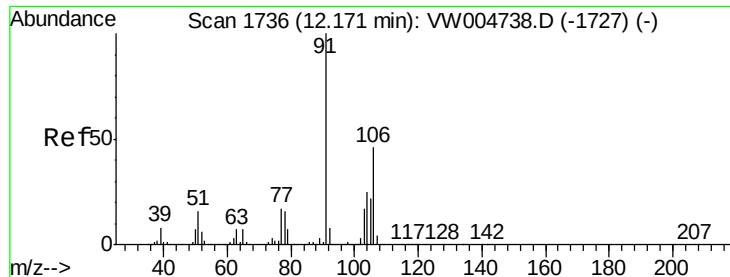
Tgt Ion: 91 Resp: 5901515
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3



#68
m/p-Xylenes
Concen: 315.751 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion: 106 Resp: 4550563
Ion Ratio Lower Upper
106 100
91 197.5 159.9 239.9

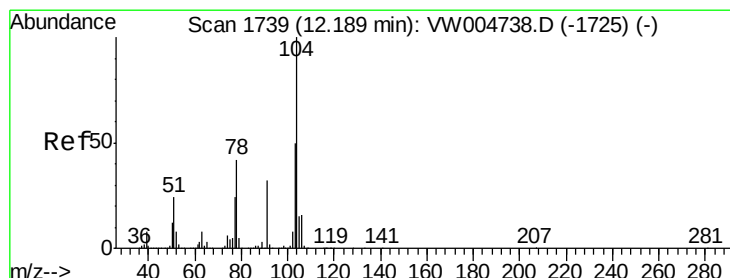
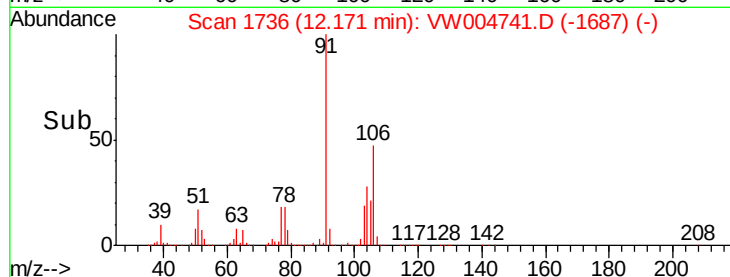
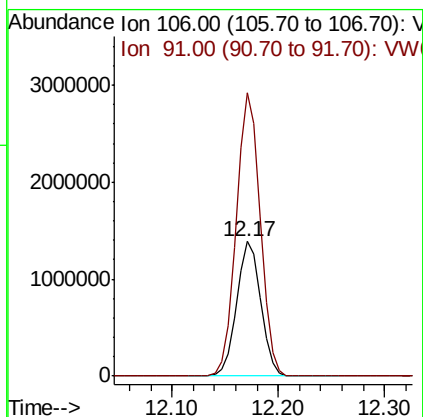
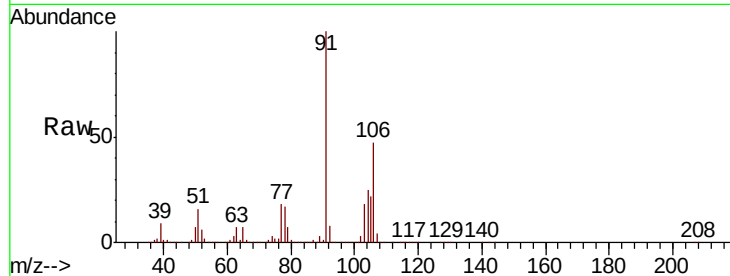




#69
o-Xylene
Concen: 165.125 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

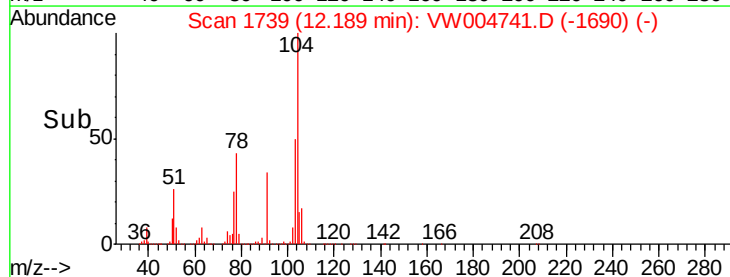
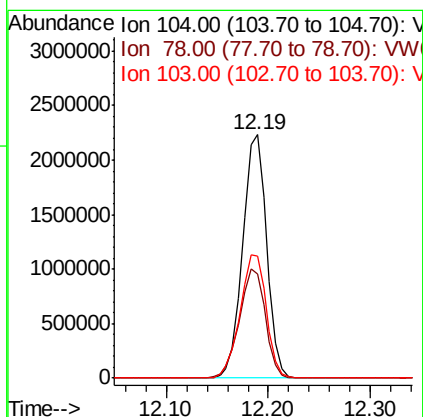
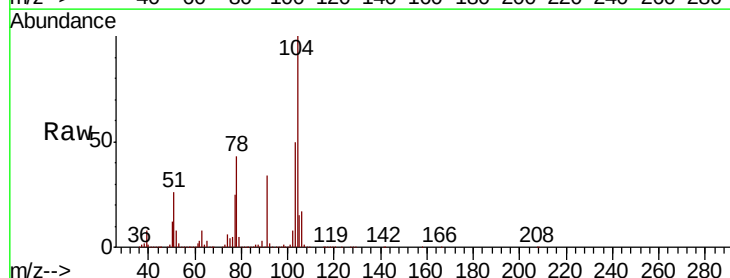
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

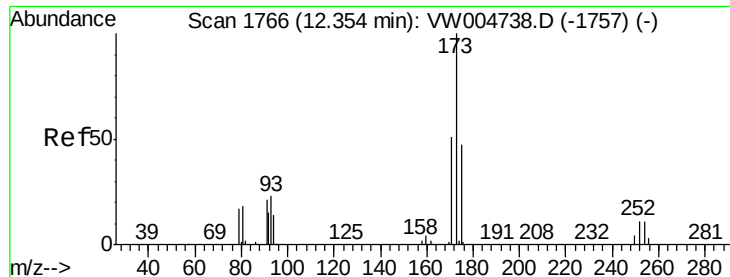
Tgt Ion:106 Resp: 2203048
Ion Ratio Lower Upper
106 100
91 209.8 107.3 321.8



#70
Styrene
Concen: 162.569 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion:104 Resp: 3643358
Ion Ratio Lower Upper
104 100
78 48.6 38.4 57.6
103 55.3 44.1 66.1

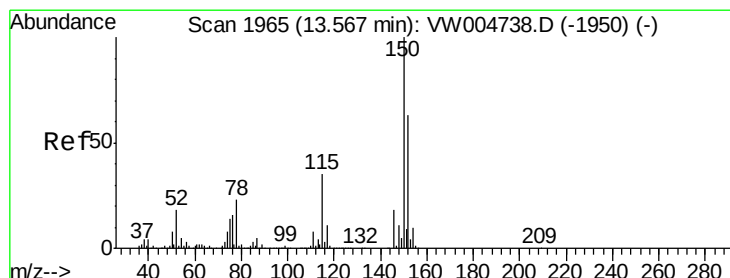
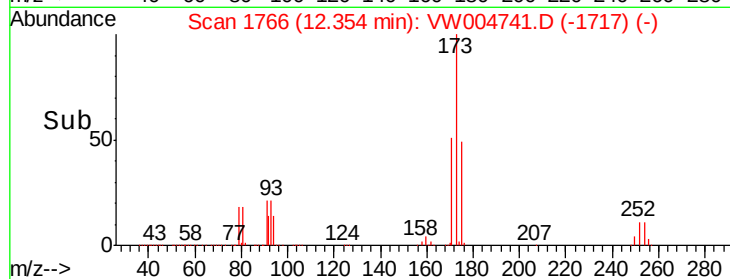
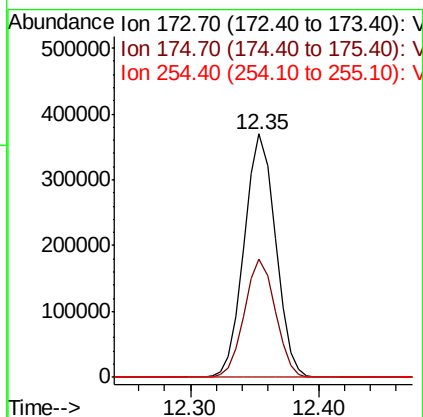
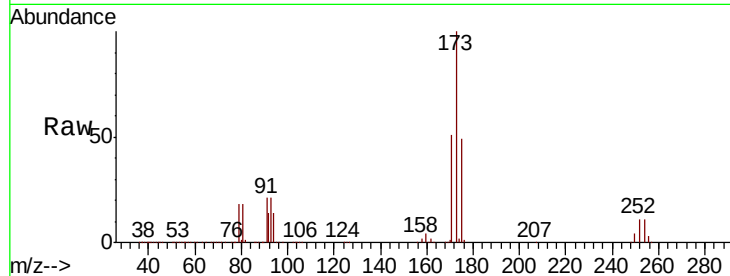




#71
Bromoform
Concen: 159.698 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

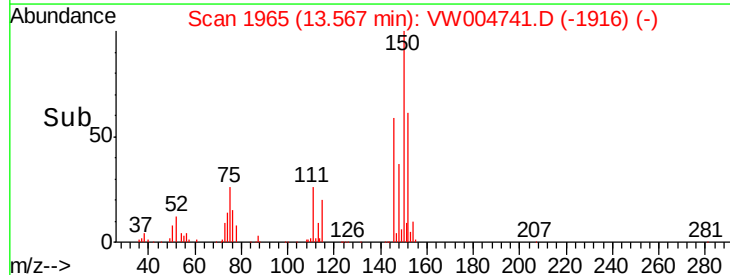
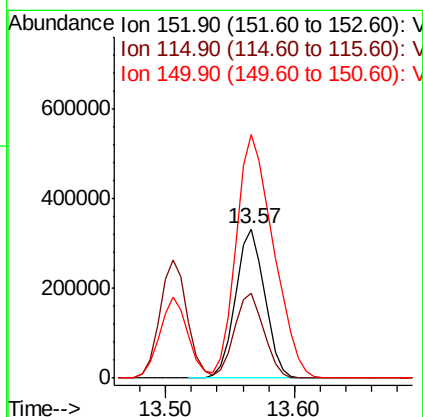
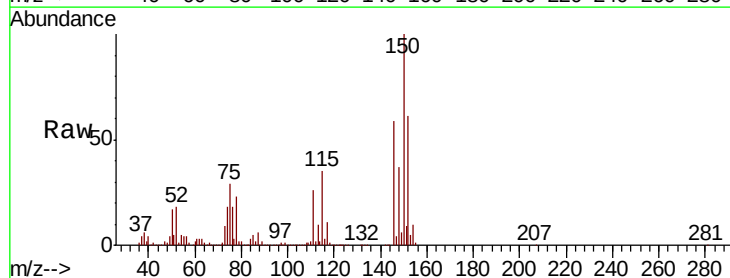
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

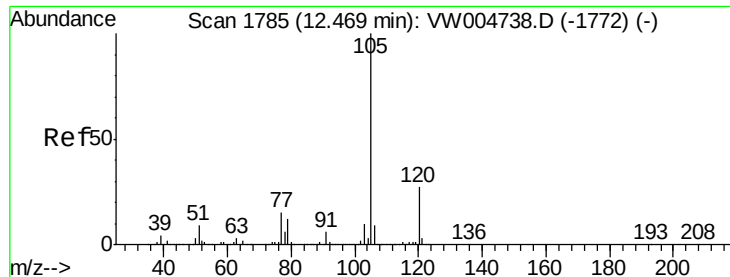
Tgt Ion:173 Resp: 621897
Ion Ratio Lower Upper
173 100
175 48.2 23.8 71.4
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion:152 Resp: 522380
Ion Ratio Lower Upper
152 100
115 57.1 28.5 85.5
150 207.5 0.0 344.8





#73

Isopropylbenzene

Concen: 166.638 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

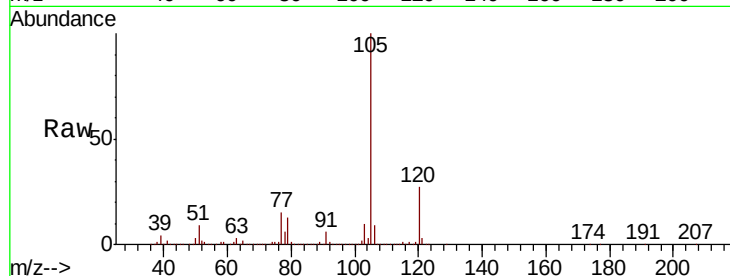
VSTDIC150

Tgt Ion:105 Resp: 5922017

Ion Ratio Lower Upper

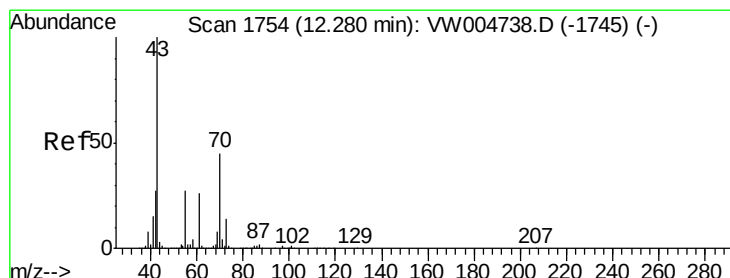
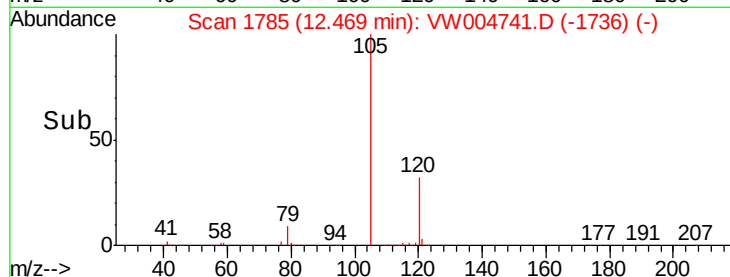
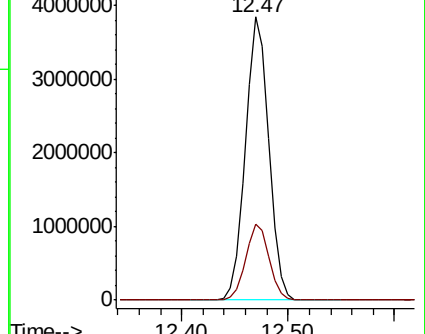
105 100

120 26.8 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 180.026 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Tgt Ion: 43 Resp: 1341165

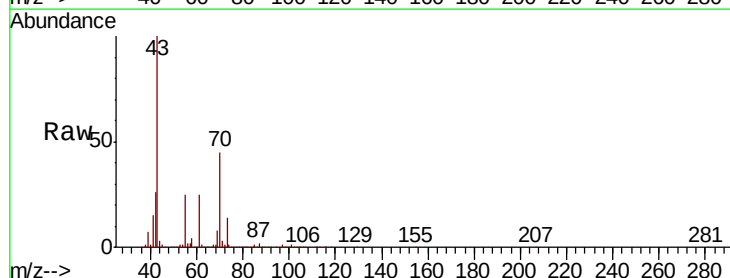
Ion Ratio Lower Upper

43 100

70 44.2 36.3 54.5

55 25.8 22.6 33.8

61 25.4 20.2 30.4

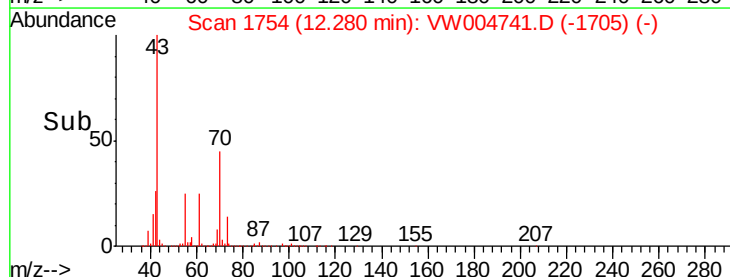
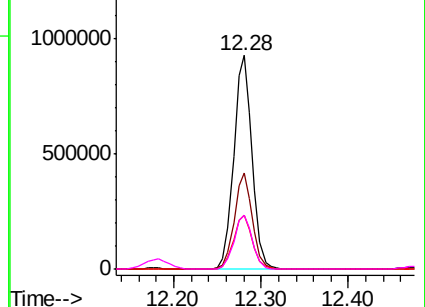


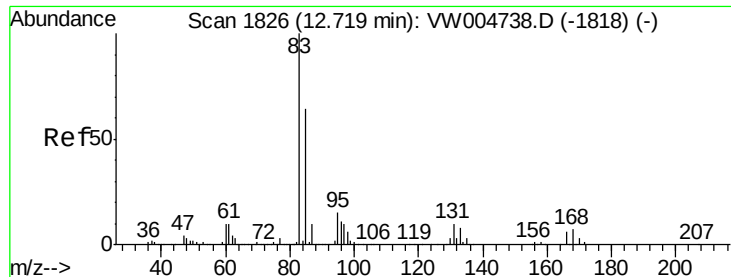
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 156.263 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

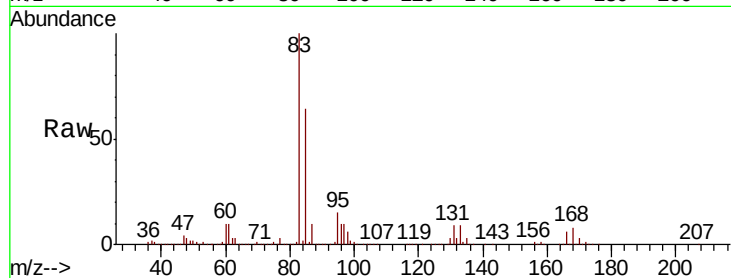
Tgt Ion: 83 Resp: 1028728

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.3	15.8
85	63.9	31.9	95.9

83 100

131 10.2 5.3 15.8

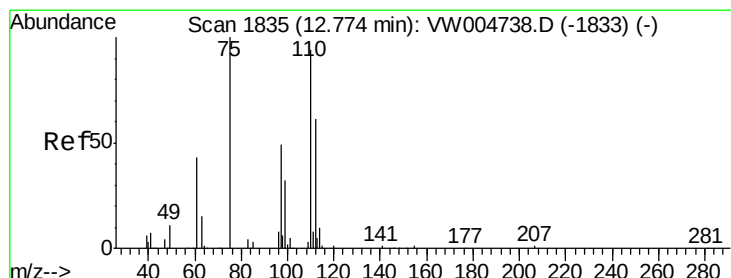
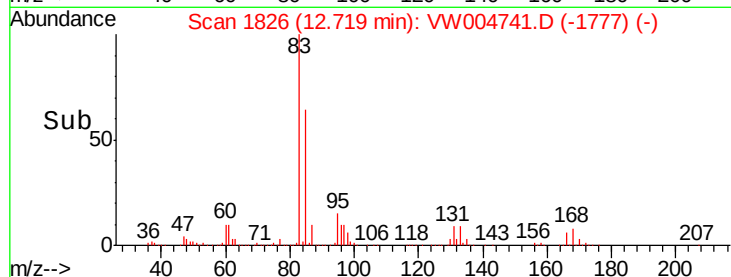
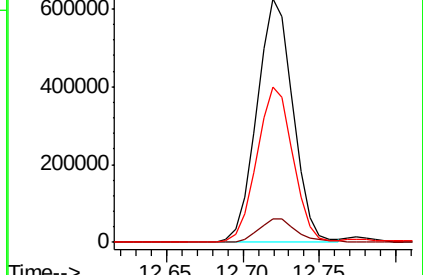
85 63.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 176.592 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW004741.D

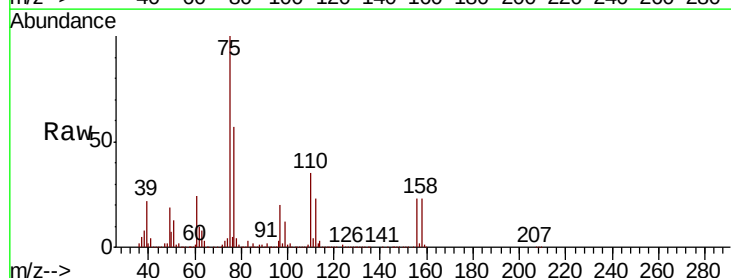
Acq: 17 Aug 2018 18:29

Tgt Ion: 75 Resp: 1366386

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

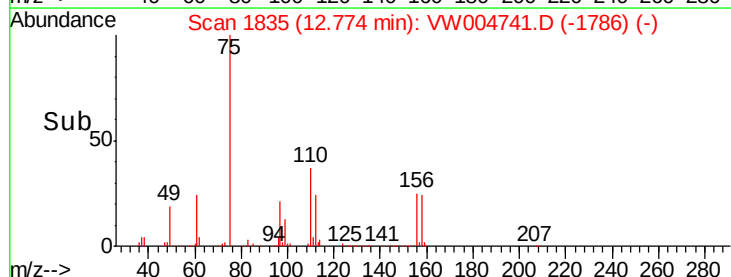
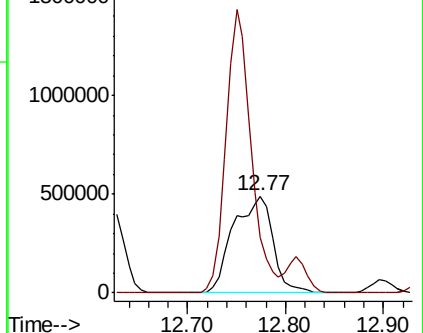
75 100

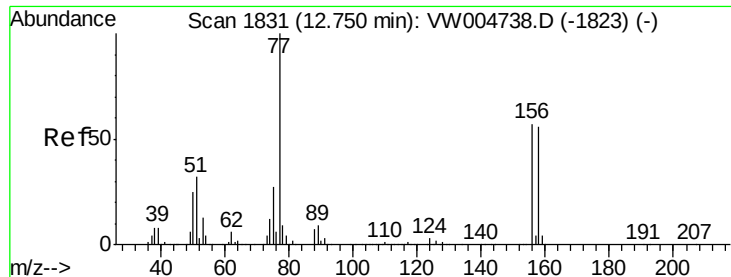
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 157.412 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

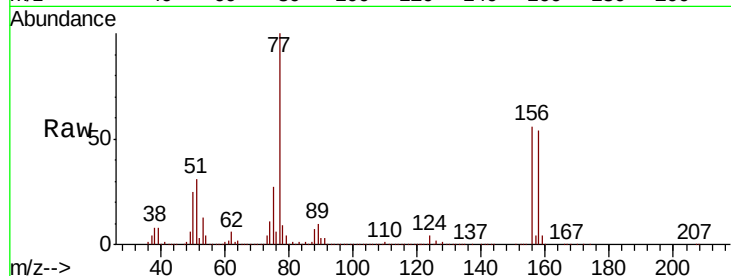
Tgt Ion:156 Resp: 1354053

Ion Ratio Lower Upper

156 100

77 189.2 94.2 282.4

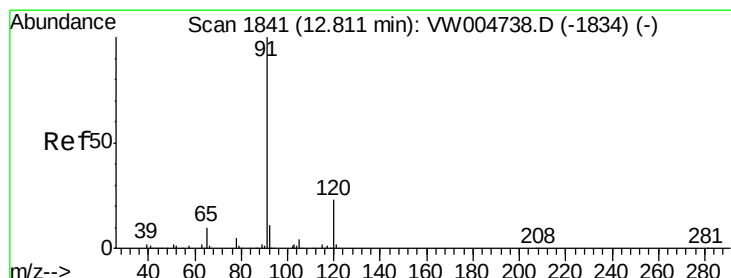
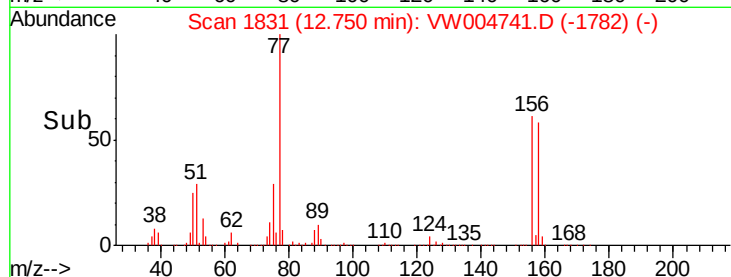
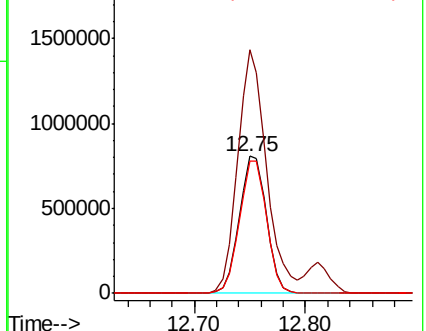
158 97.2 48.6 145.9



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: 161.878 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW004741.D

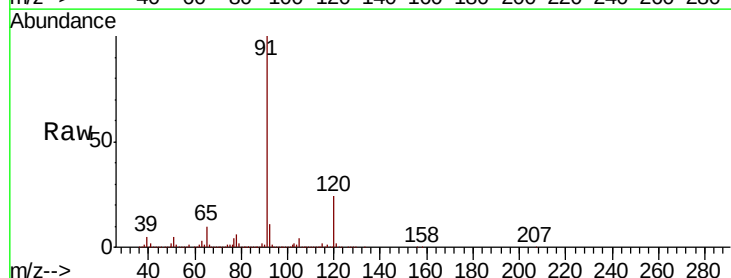
Acq: 17 Aug 2018 18:29

Tgt Ion: 91 Resp: 7020015

Ion Ratio Lower Upper

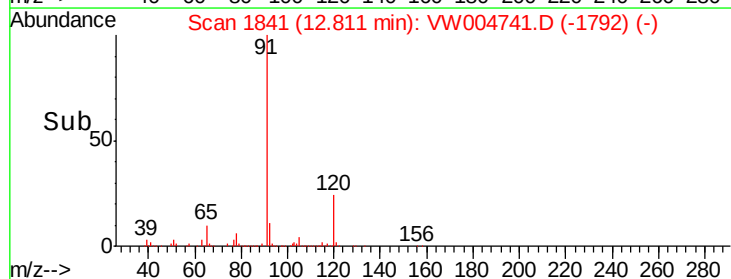
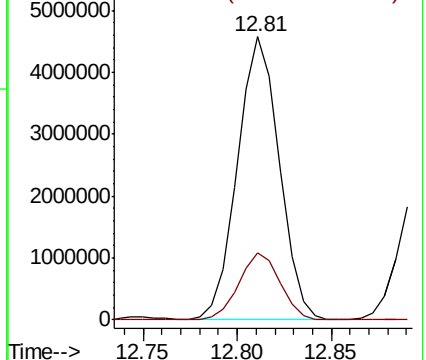
91 100

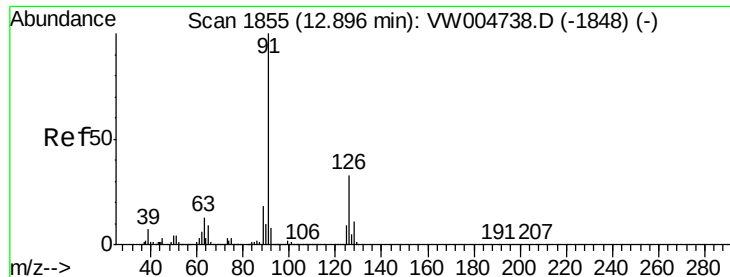
120 23.3 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 161.275 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

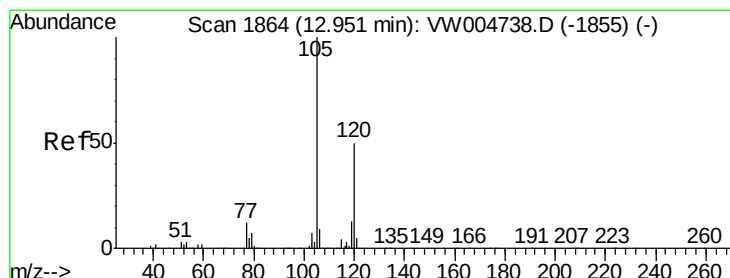
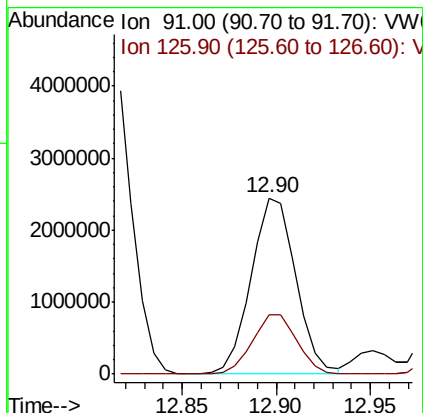
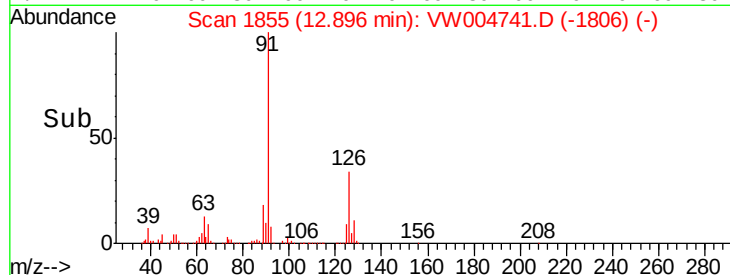
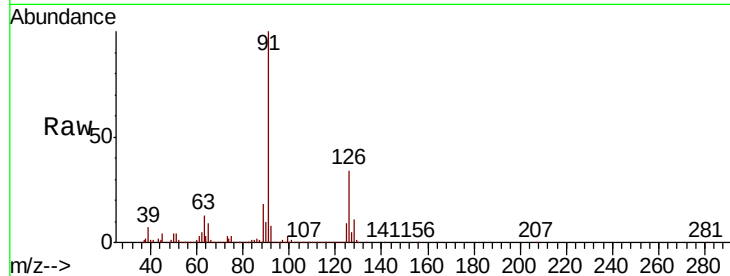
VSTDIC150

Tgt Ion: 91 Resp: 4031336

Ion Ratio Lower Upper

91 100

126 33.7 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 163.320 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004741.D

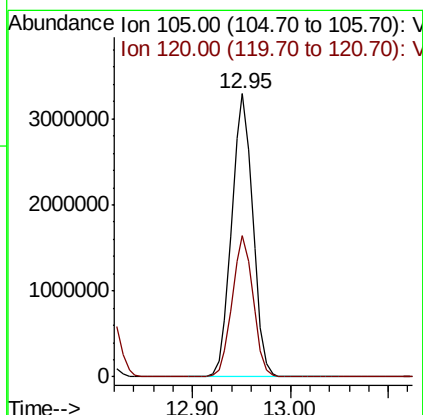
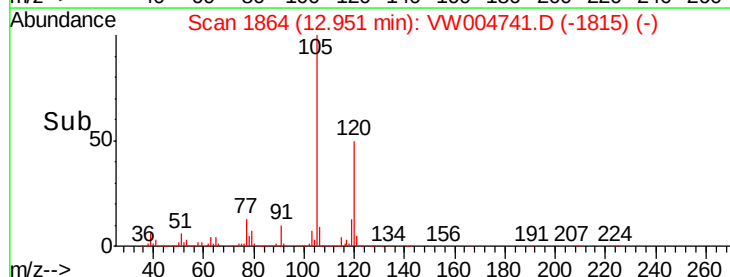
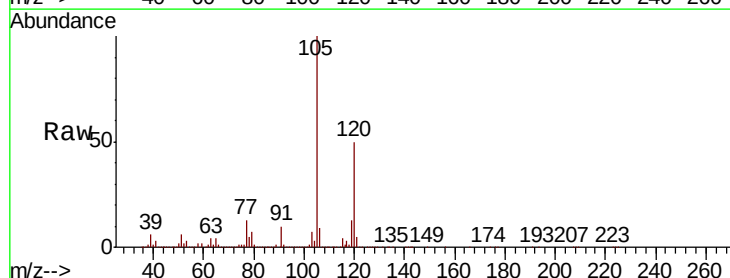
Acq: 17 Aug 2018 18:29

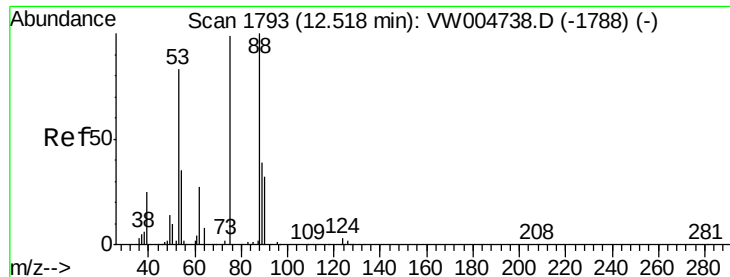
Tgt Ion: 105 Resp: 4930916

Ion Ratio Lower Upper

105 100

120 49.5 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 174.550 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

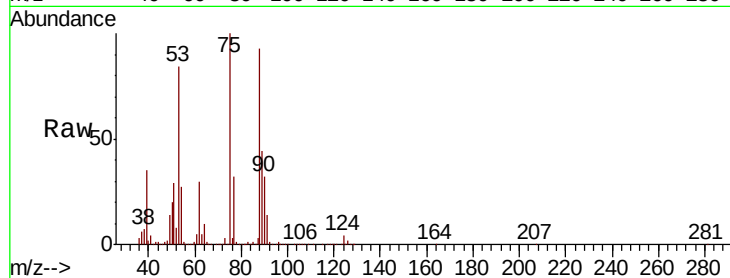
Tgt Ion: 75 Resp: 345822

Ion Ratio Lower Upper

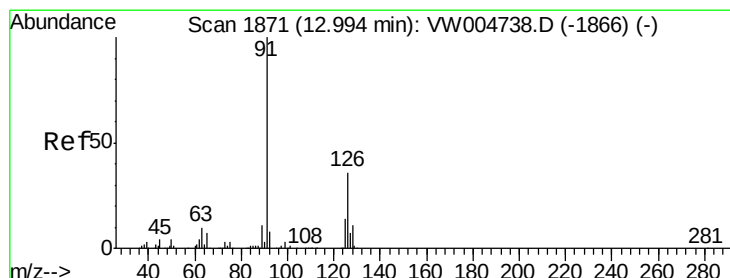
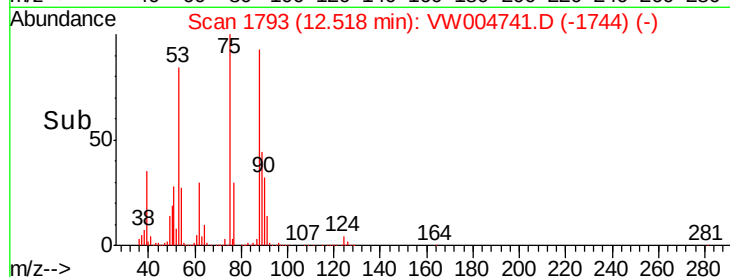
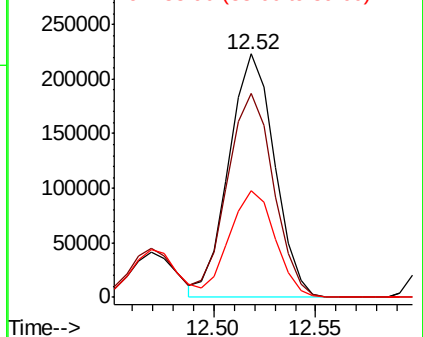
75 100

53 85.1 72.2 108.4

89 43.8 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: 157.832 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004741.D

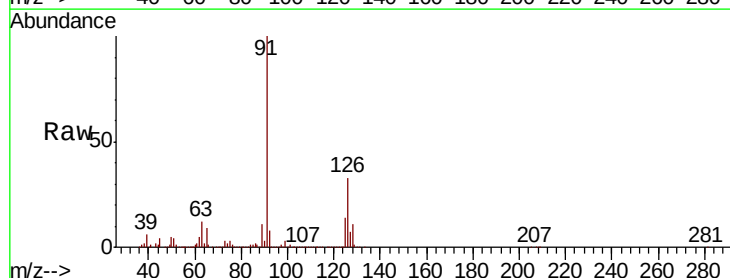
Acq: 17 Aug 2018 18:29

Tgt Ion: 91 Resp: 4191874

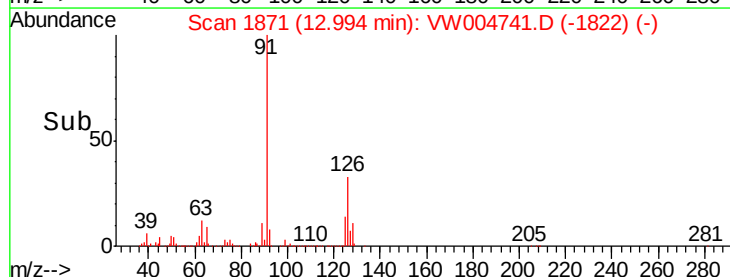
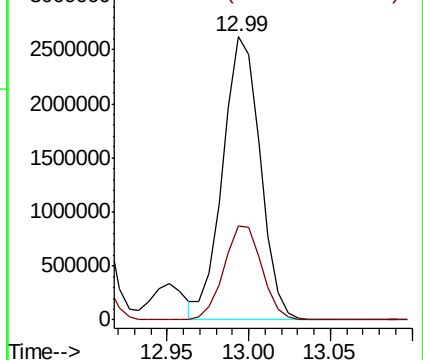
Ion Ratio Lower Upper

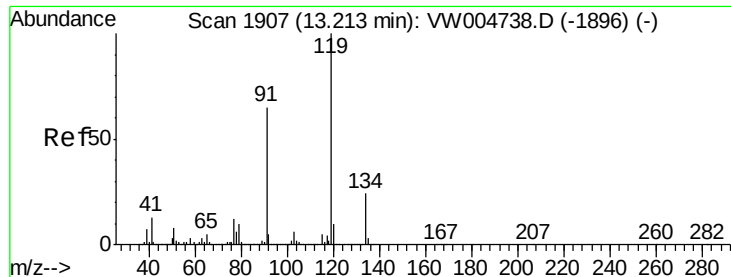
91 100

126 33.7 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

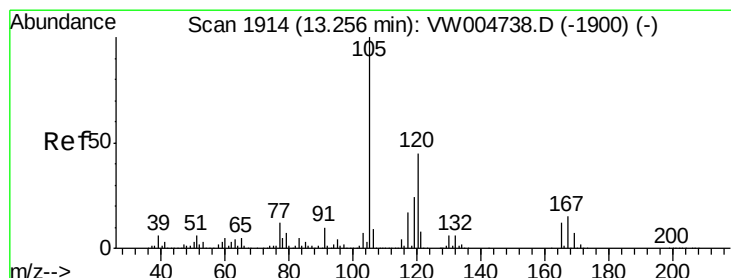
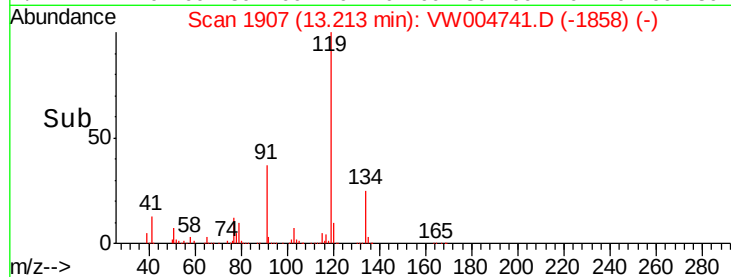
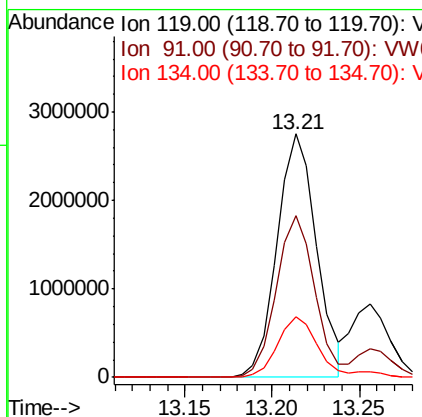
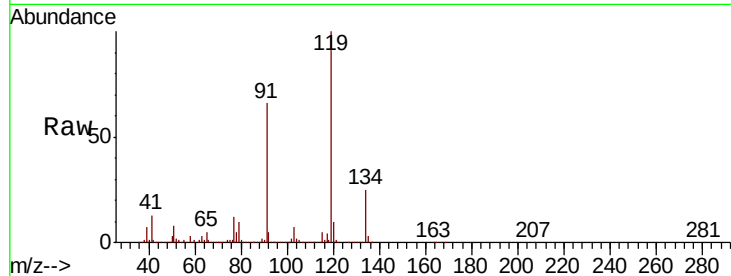




#83
 tert-Butylbenzene
 Concen: 168.180 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

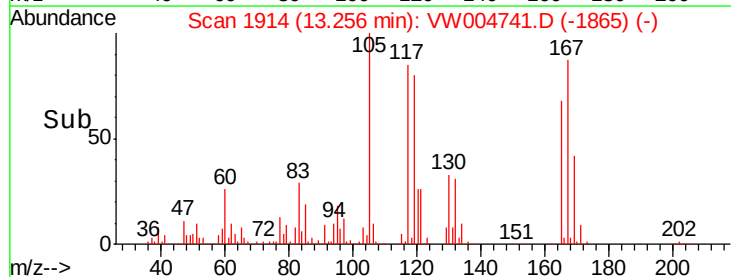
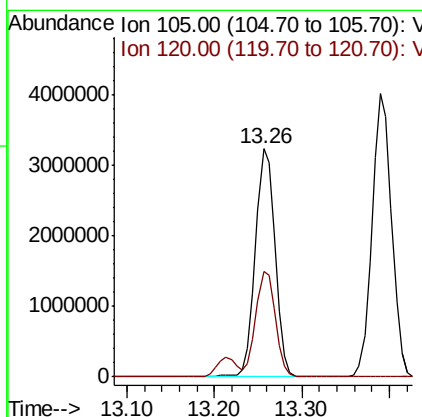
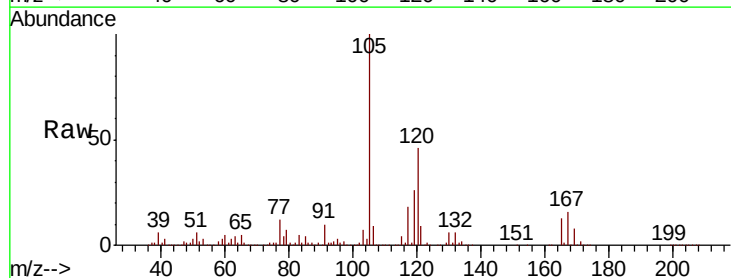
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

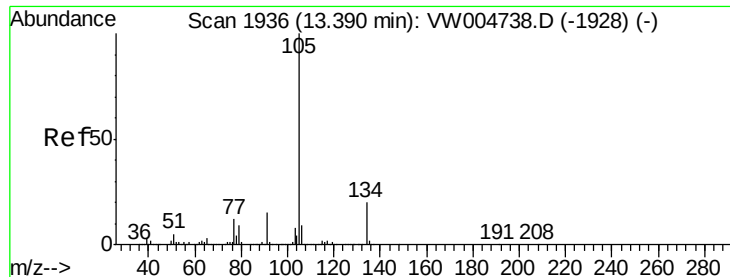
Tgt Ion:119 Resp: 4343089
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.6 97.8
 134 26.4 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 162.267 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion:105 Resp: 5040423
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.8 68.3





#85

sec-Butylbenzene

Concen: 162.007 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

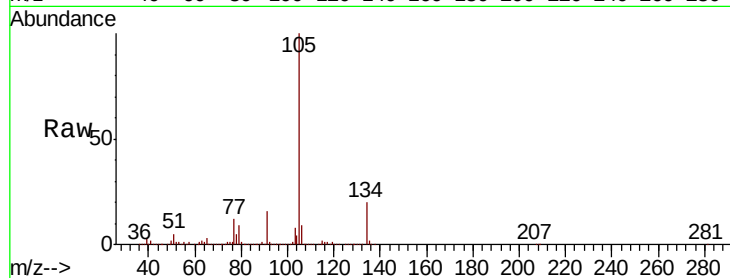
VSTDIC150

Tgt Ion:105 Resp: 6246274

Ion Ratio Lower Upper

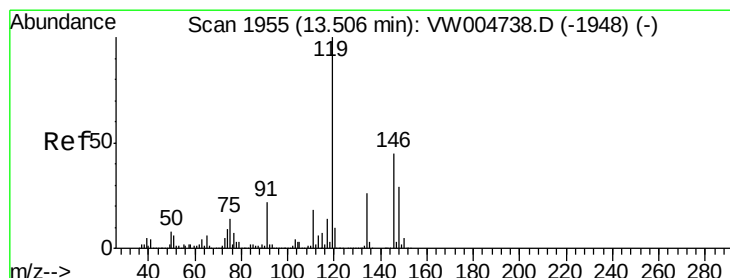
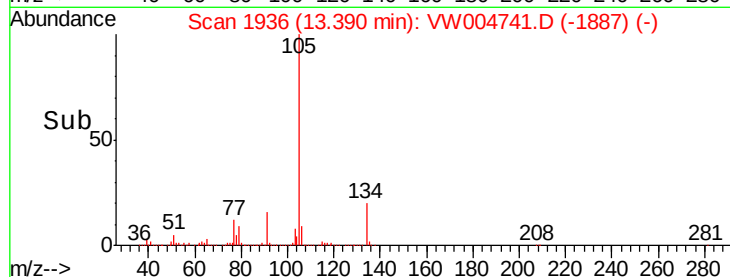
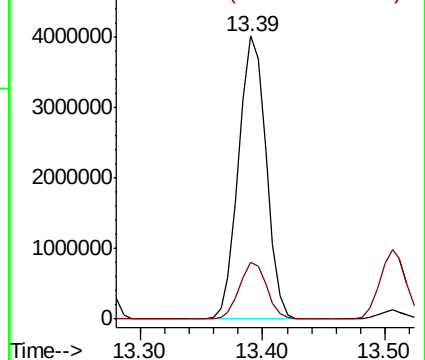
105 100

134 20.0 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 164.052 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

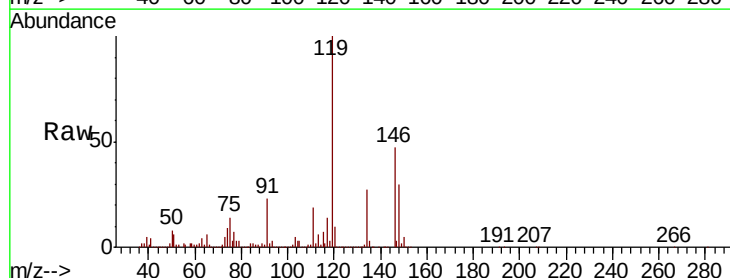
Tgt Ion:119 Resp: 5503490

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

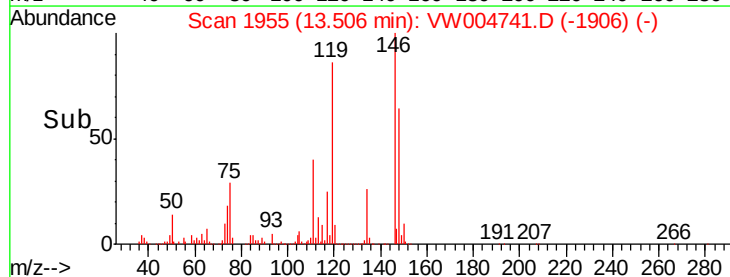
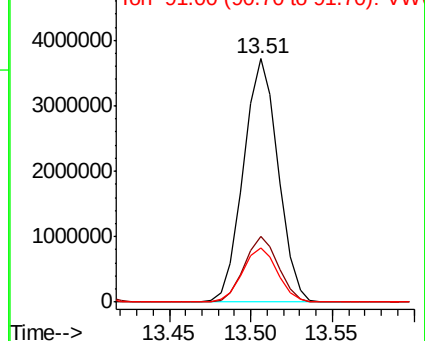
91 22.5 11.2 33.5

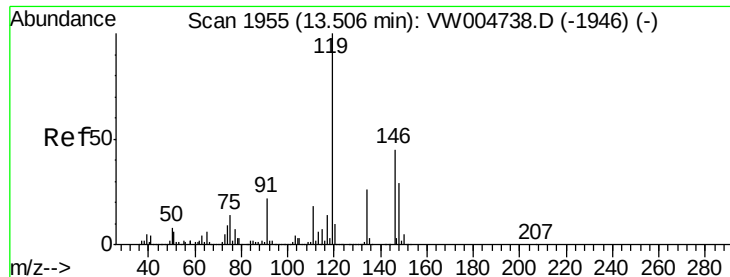


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

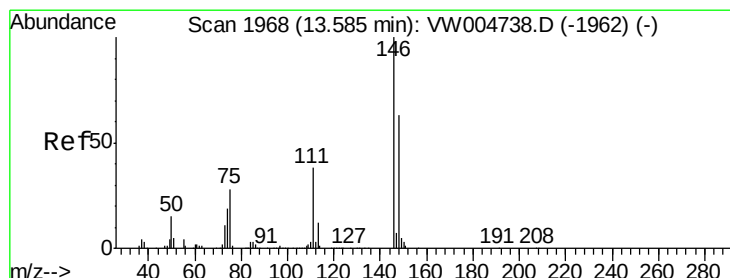
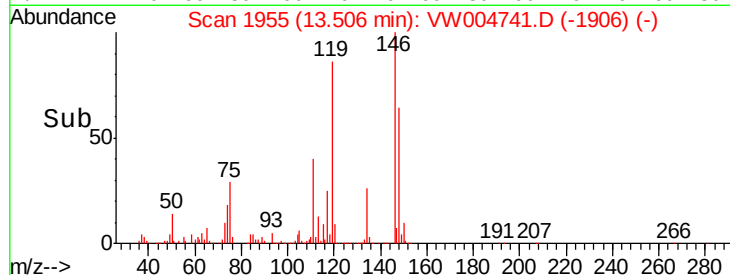
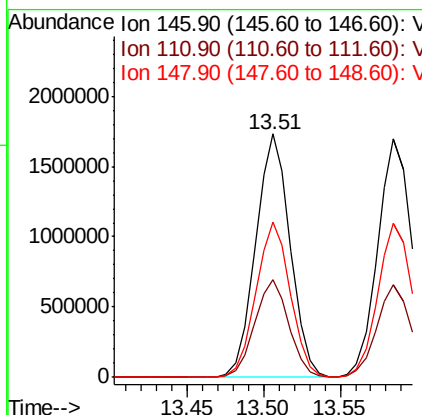
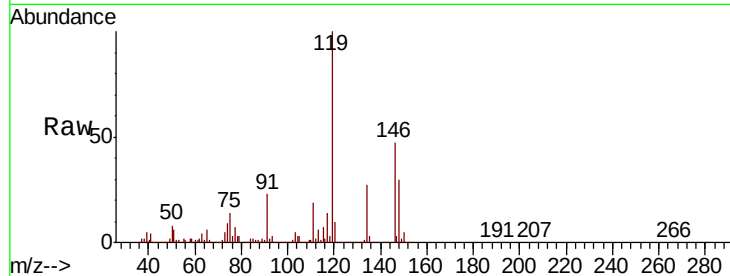




#87
 1,3-Dichlorobenzene
 Concen: 154.845 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

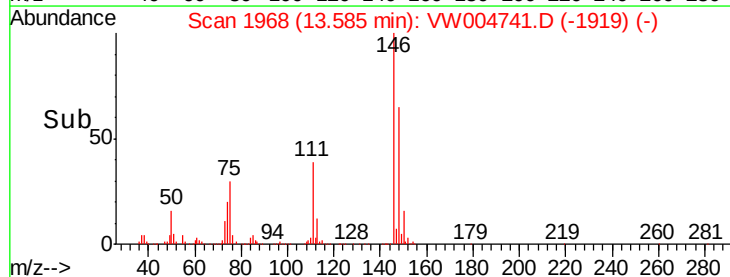
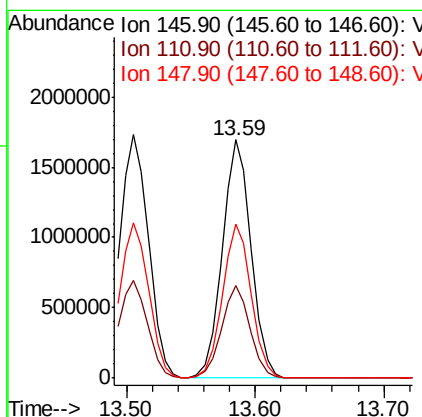
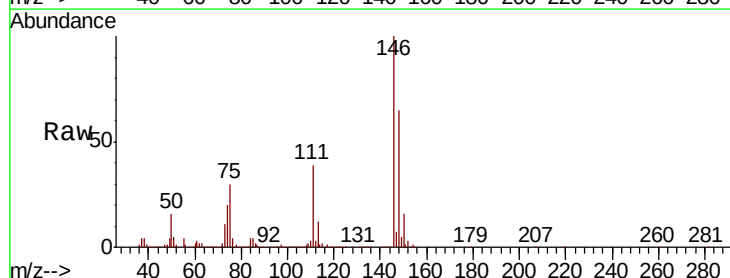
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

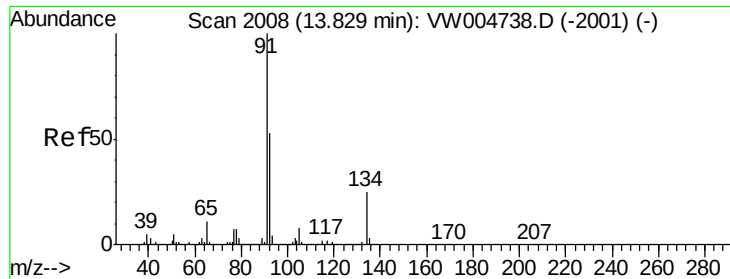
Tgt Ion:146 Resp: 2709326
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.8 59.4
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 150.944 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion:146 Resp: 2640004
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.3 57.8
 148 64.5 31.8 95.3

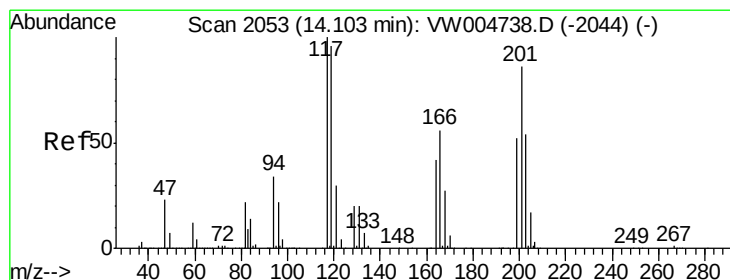
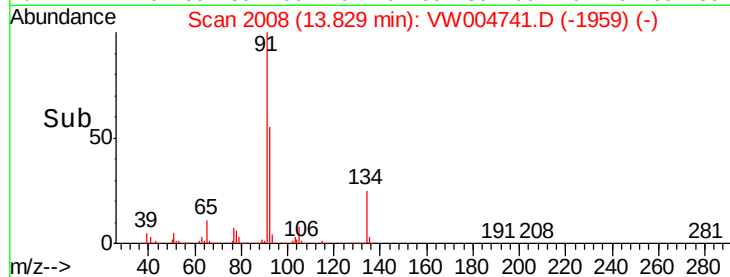
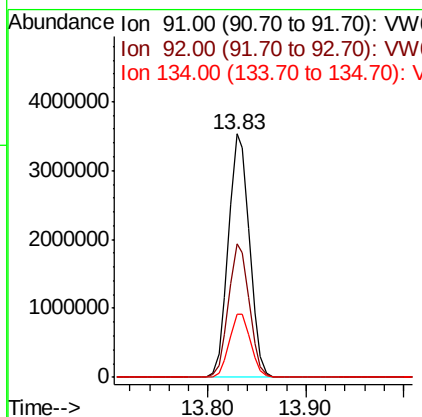
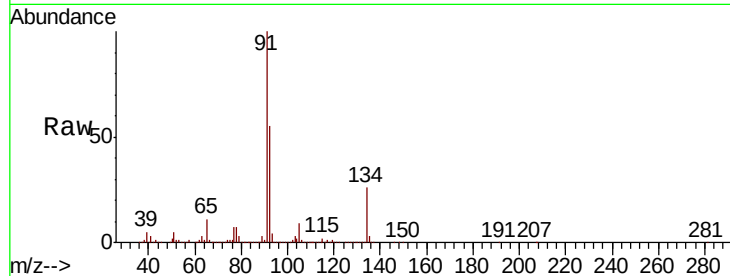




#89
n-Butylbenzene
Concen: 162.809 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

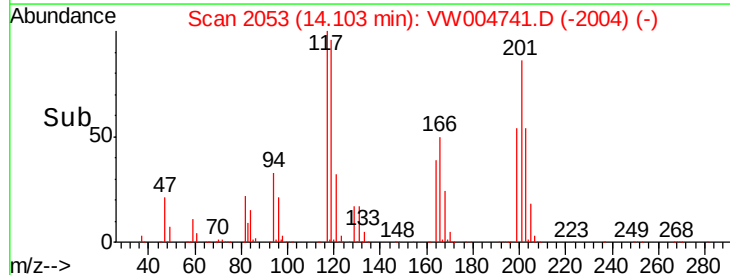
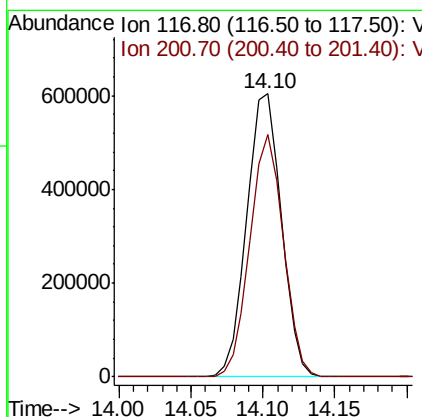
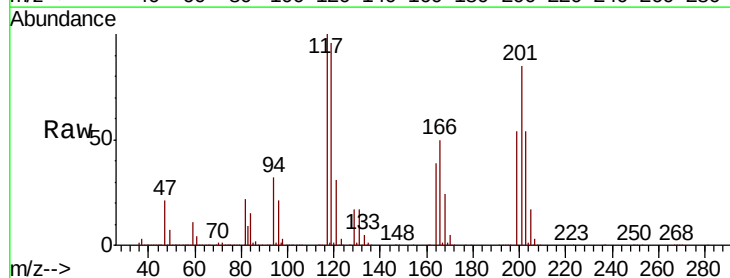
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

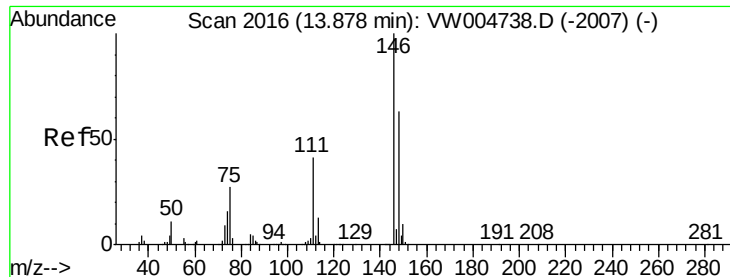
Tgt Ion: 91 Resp: 5280728
Ion Ratio Lower Upper
91 100
92 53.9 26.4 79.2
134 26.2 12.8 38.3



#90
Hexachloroethane
Concen: 164.449 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion: 117 Resp: 1005586
Ion Ratio Lower Upper
117 100
201 82.8 42.4 127.2





#91

1,2-Dichlorobenzene

Concen: 153.110 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

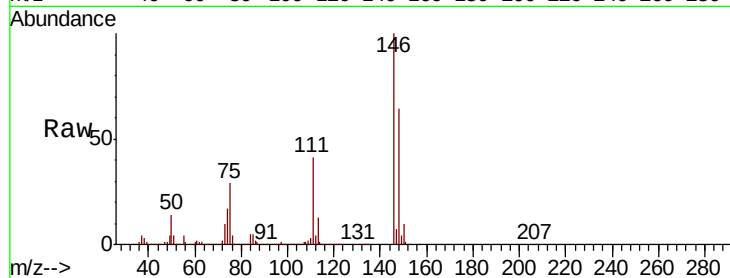
Tgt Ion:146 Resp: 2406217

Ion Ratio Lower Upper

146 100

111 41.3 20.4 61.3

148 64.3 31.6 95.0

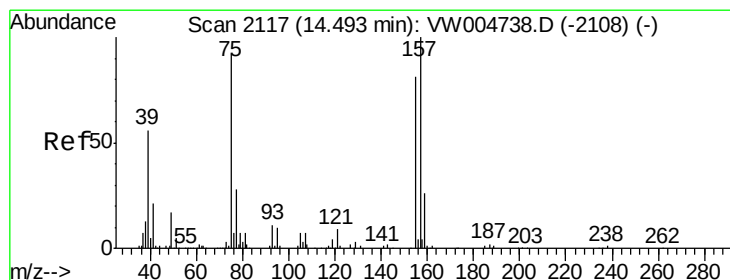
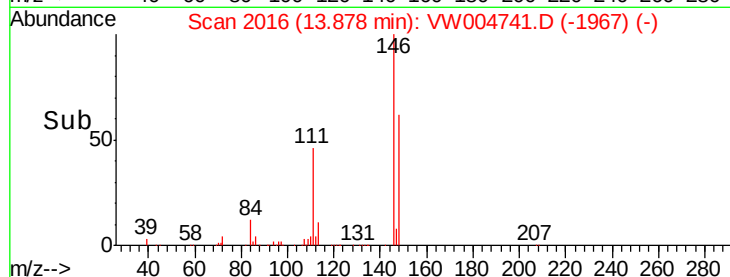
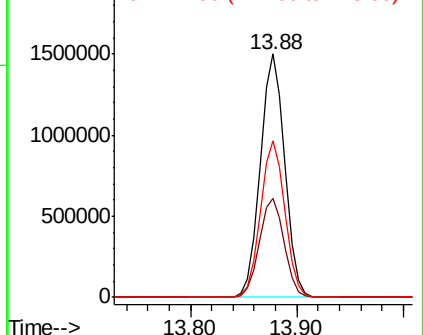


Abundance

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: 164.753 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW004741.D

Acq: 17 Aug 2018 18:29

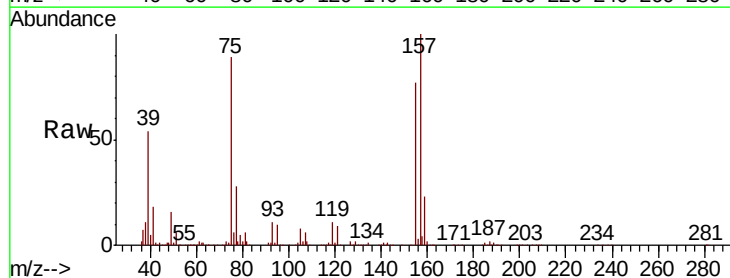
Tgt Ion: 75 Resp: 169513

Ion Ratio Lower Upper

75 100

155 87.6 43.3 129.9

157 111.8 54.5 163.6

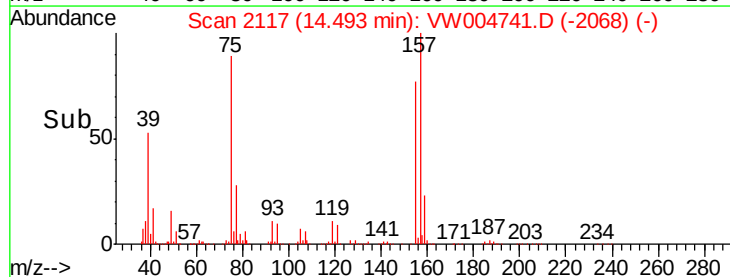
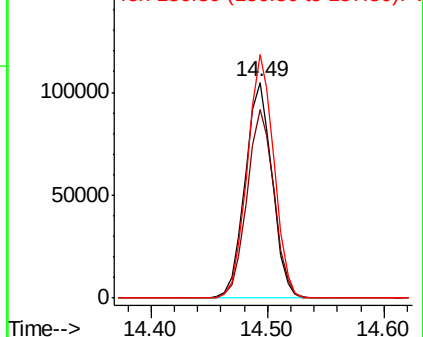


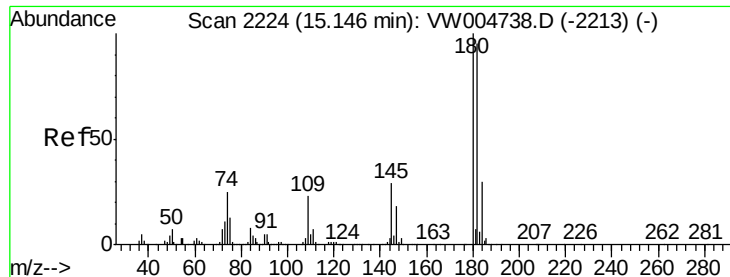
Abundance

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

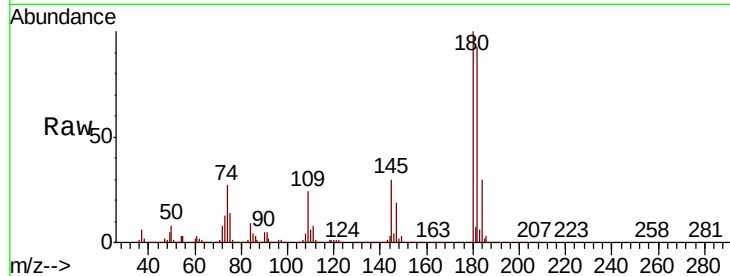




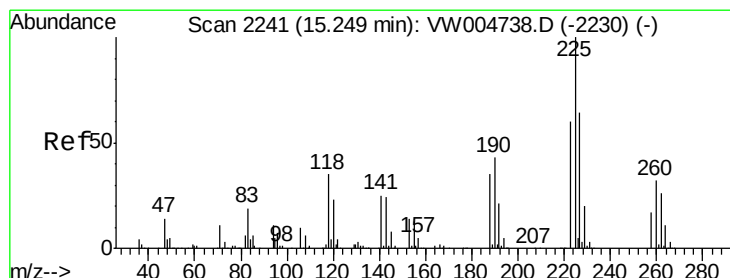
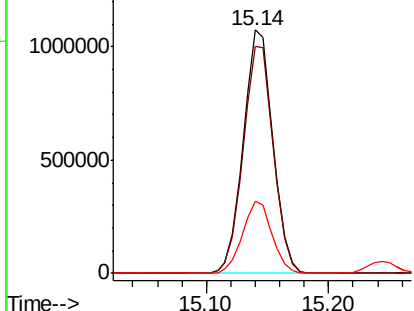
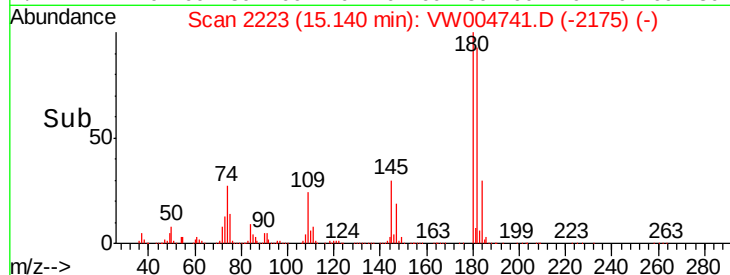
#93
 1,2,4-Trichlorobenzene
 Concen: 162.563 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 1806950
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.3 141.8
 145 29.7 14.6 43.8

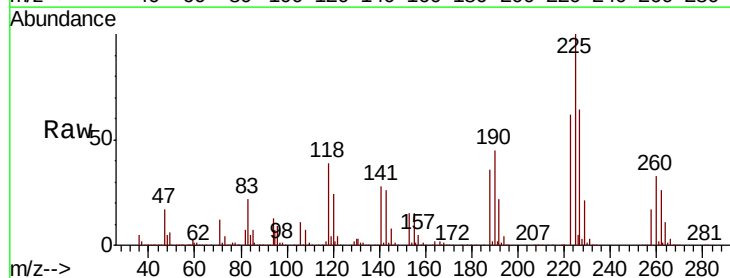


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

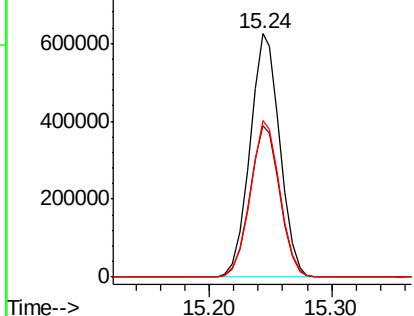
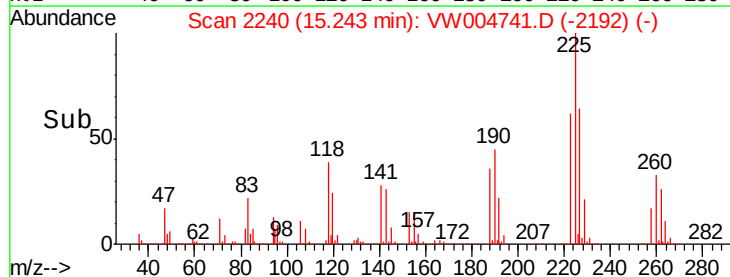


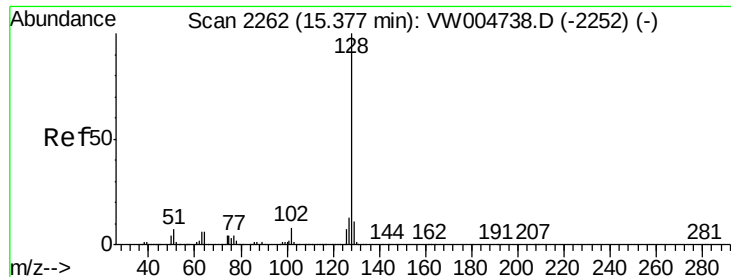
#94
 Hexachlorobutadiene
 Concen: 154.955 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004741.D
 Acq: 17 Aug 2018 18:29

Tgt Ion:225 Resp: 1057196
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.9 92.5
 227 63.6 32.0 96.0



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

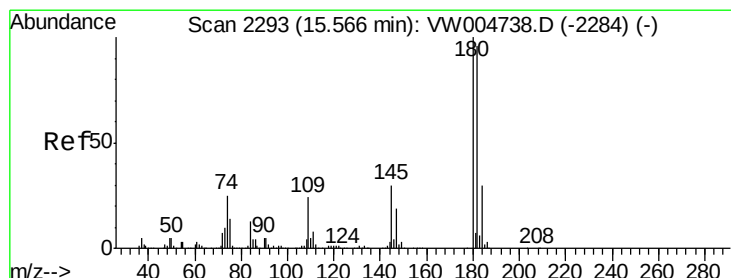
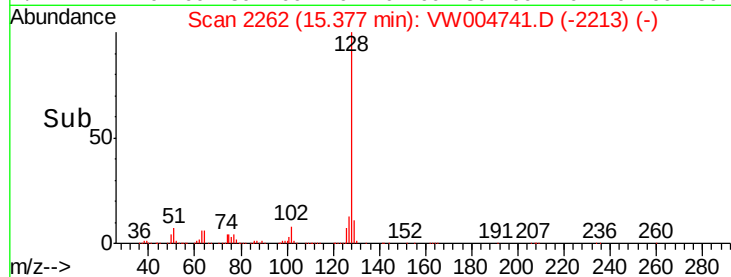
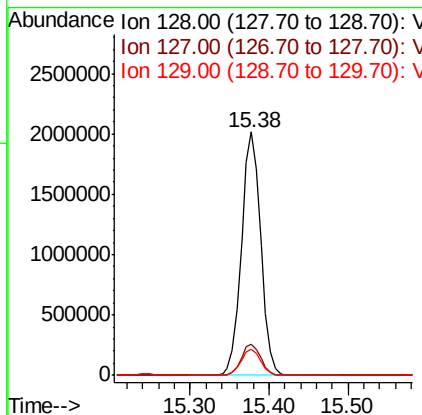
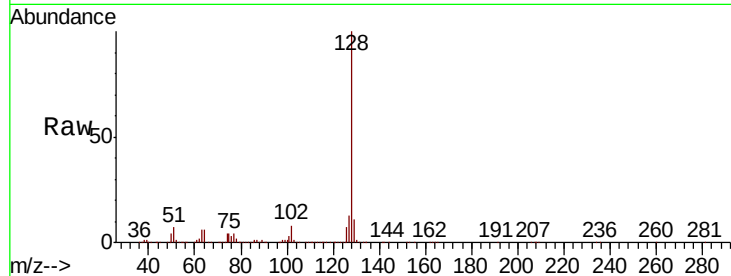




#95
Naphthalene
Concen: 177.030 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 3403011
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 161.543 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004741.D
Acq: 17 Aug 2018 18:29

Tgt Ion:180 Resp: 1592324
Ion Ratio Lower Upper
180 100
182 95.9 47.3 142.0
145 31.4 15.4 46.1

