

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002283.D
 Acq On : 08 May 2018 01:51
 Operator : JC/SY
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: May 08 03:35:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:17:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	352951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	193099	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	264287	124.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	248.14%	
35) Dibromofluoromethane	7.88	113	243046	103.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.14%	
50) Toluene-d8	10.33	98	949964	107.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.90%	
62) 4-Bromofluorobenzene	12.63	95	346489	101.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	101669	53.72	ug/l	98
3) Chloromethane	2.21	50	185569	104.25	ug/l	99
4) Vinyl Chloride	2.36	62	322019	161.07	ug/l	98
5) Bromomethane	2.76	94	263589	165.65	ug/l	97
6) Chloroethane	2.92	64	226880	187.89	ug/l	95
7) Trichlorofluoromethane	3.25	101	134746	40.46	ug/l	98
8) Diethyl Ether	3.67	74	137824	144.57	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.04	101	218398	97.98	ug/l	99
10) Methyl Iodide	4.26	142	368706	147.91	ug/l	100
11) Tert butyl alcohol	5.18	59	90932	686.14	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	222956	115.69	ug/l	97
13) Acrolein	3.88	56	77129	721.52	ug/l	99
14) Allyl chloride	4.65	41	341138	142.10	ug/l	99
15) Acrylonitrile	5.36	53	284351	788.74	ug/l	100
16) Acetone	4.12	43	244770	577.31	ug/l	96
17) Carbon Disulfide	4.37	76	652686	107.92	ug/l	99
18) Methyl Acetate	4.67	43	154537	165.78	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	402327	102.86	ug/l	100
20) Methylene Chloride	4.91	84	232088	96.90	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	243956	113.46	ug/l	94
22) Diisopropyl ether	6.31	45	755517	157.63	ug/l	99
23) Vinyl Acetate	6.25	43	2326605	911.75	ug/l	100
24) 1,1-Dichloroethane	6.21	63	441287	126.19	ug/l	99
25) 2-Butanone	7.17	43	386306	818.63	ug/l	99
26) 2,2-Dichloropropane	7.17	77	213249	65.25	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	273661	120.24	ug/l	99
28) Bromochloromethane	7.51	49	198178	161.38	ug/l	96
29) Tetrahydrofuran	7.53	42	254978	929.36	ug/l	99
30) Chloroform	7.67	83	462265	114.29	ug/l	98
31) Cyclohexane	7.95	56	370310	116.87	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	351919	90.65	ug/l	98
36) 1,1-Dichloropropene	8.08	75	350541	100.74	ug/l	99
37) Ethyl Acetate	7.26	43	171390	155.19	ug/l	98
38) Carbon Tetrachloride	8.06	117	345121	82.01	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	415459	104.89	ug/l	100
40) Benzene	8.32	78	1013484	105.52	ug/l	99
41) Methacrylonitrile	7.48	41	98947	161.61	ug/l	93
42) 1,2-Dichloroethane	8.40	62	315868	106.65	ug/l	99
43) Isopropyl Acetate	8.43	43	337215	153.87	ug/l	99
44) Trichloroethene	9.09	130	274822	90.62	ug/l	97
45) 1,2-Dichloropropane	9.37	63	256385	117.15	ug/l	95
46) Dibromomethane	9.46	93	144144	115.65	ug/l	99
47) Bromodichloromethane	9.65	83	347562	104.15	ug/l	98
48) Methyl methacrylate	9.44	41	164625	155.12	ug/l	99
49) 1,4-Dioxane	9.45	88	47862	2501.81	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	920244	834.88	ug/l	100
52) Toluene	10.40	92	655240	103.43	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	353509	117.29	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	395365	114.40	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	200529	109.63	ug/l	99
56) Ethyl methacrylate	10.65	69	270823	143.11	ug/l	100
57) 1,3-Dichloropropane	10.94	76	342719	119.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	638856	775.42	ug/l	100
59) 2-Hexanone	10.98	43	636344	805.29	ug/l	100
60) Dibromochloromethane	11.13	129	250458	101.78	ug/l	100
61) 1,2-Dibromoethane	11.24	107	196859	116.07	ug/l	99
64) Tetrachloroethene	10.87	164	274571	91.31	ug/l	96
65) Chlorobenzene	11.66	112	735575	98.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	271952	95.69	ug/l	100
67) Ethyl Benzene	11.74	91	1313159	107.28	ug/l	99
68) m/p-Xylenes	11.85	106	1008610	204.72	ug/l	99
69) o-Xylene	12.18	106	484702	109.29	ug/l	99
70) Styrene	12.19	104	821128	111.19	ug/l	99
71) Bromoform	12.36	173	160353	102.51	ug/l	99
73) Isopropylbenzene	12.48	105	1332033	111.52	ug/l	100
74) N-amyl acetate	12.28	43	346145	178.85	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	247771	136.22	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	153271m	117.26	ug/l	
77) Bromobenzene	12.76	156	322526	103.22	ug/l	98
78) n-propylbenzene	12.82	91	1577857	113.00	ug/l	100
79) 2-Chlorotoluene	12.90	91	891349	108.71	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1118437	107.27	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	72021	148.08	ug/l	98
82) 4-Chlorotoluene	13.00	91	951767	102.89	ug/l	99
83) tert-Butylbenzene	13.22	119	968626	105.83	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1163973	108.61	ug/l	100
85) sec-Butylbenzene	13.40	105	1359566	107.13	ug/l	99
86) p-Isopropyltoluene	13.51	119	1236265	105.94	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	637377	99.56	ug/l	98
88) 1,4-Dichlorobenzene	13.59	146	635139	99.43	ug/l	98
89) n-Butylbenzene	13.83	91	1143298	109.42	ug/l	100
90) Hexachloroethane	14.10	117	221752	97.92	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	571000	102.09	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.50	75	42641	125.14	ug/l	98

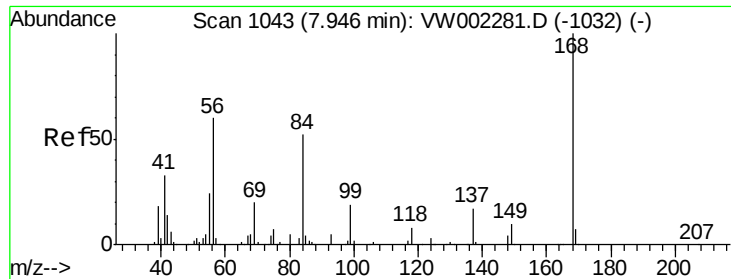
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	402228	98.38	ug/l	100
94) Hexachlorobutadiene	15.26	225	220047	77.23	ug/l	99
95) Naphthalene	15.38	128	787115	129.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	358337	102.53	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

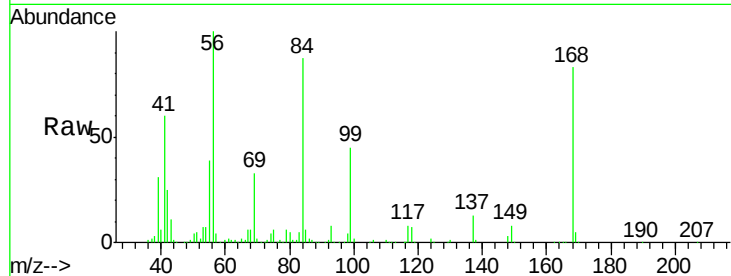
VSTDIC100

Tot Ion:168 Resp: 245721

Ion Ratio Lower Upper

168 100

99 53.9 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

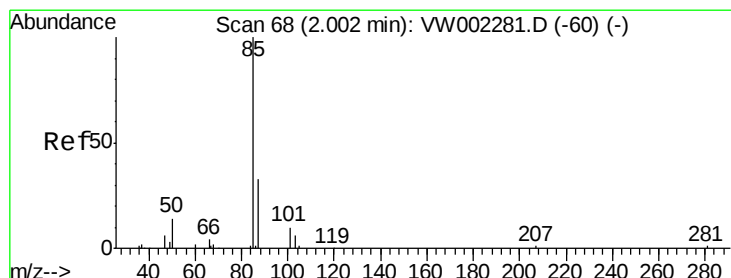
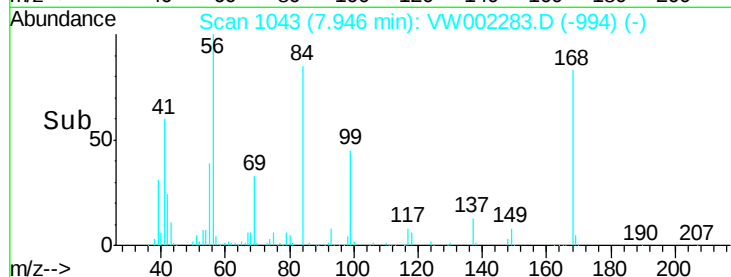
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 53.72 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW002283.D

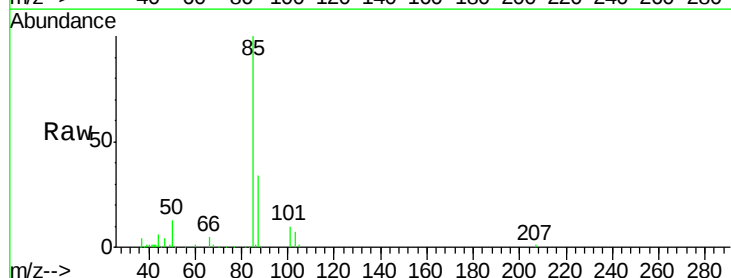
Acq: 08 May 2018 01:51

Tgt Ion: 85 Resp: 101669

Ion Ratio Lower Upper

85 100

87 34.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

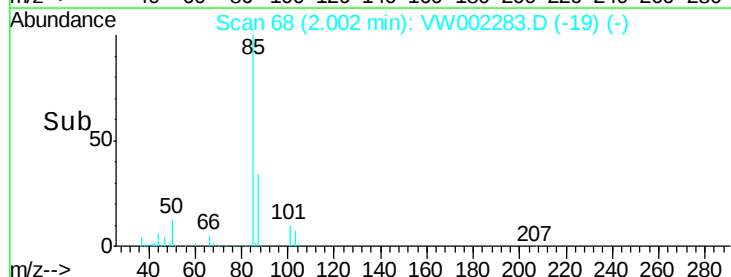
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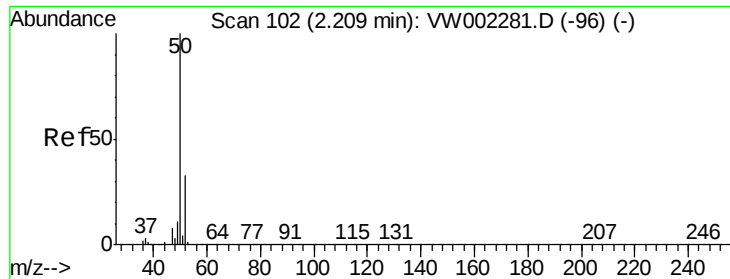
20000

10000

0

Time--> 1.90 2.00 2.10 2.20

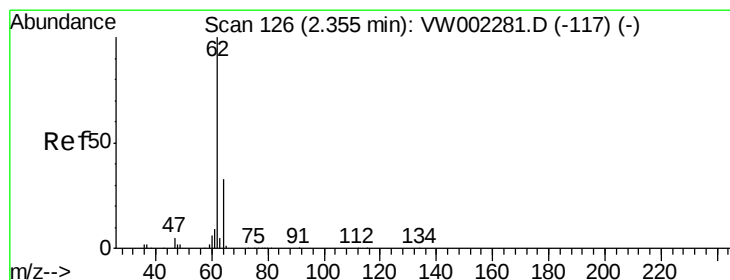
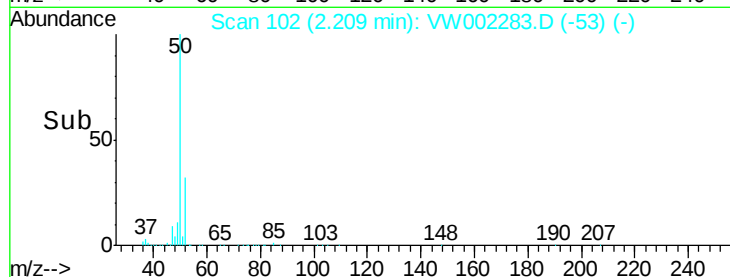
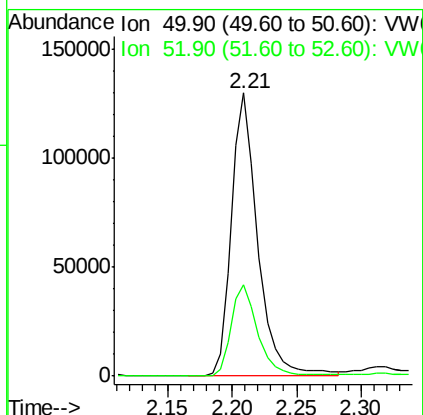
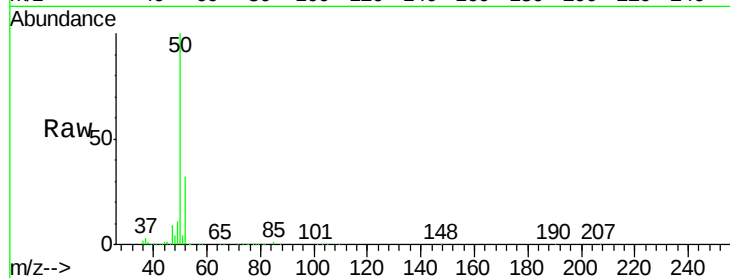




#3
 Chloromethane
 Concen: 104.25 ug/l
 RT: 2.21 min Scan# 102
 Delta R.T. -0.00 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

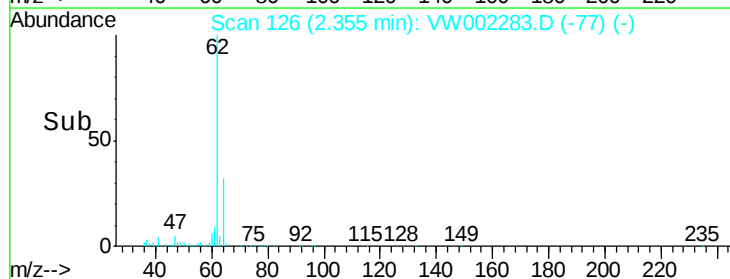
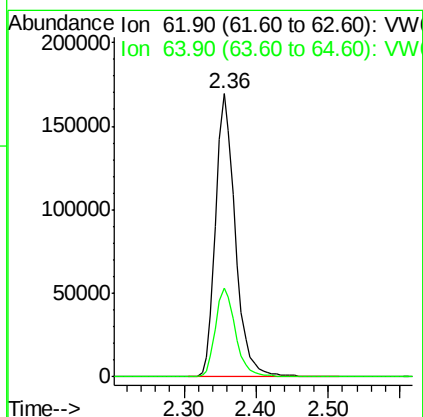
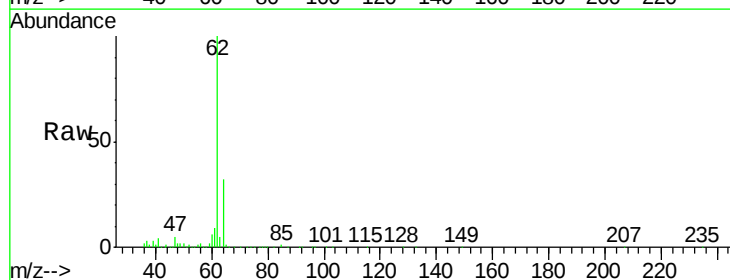
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

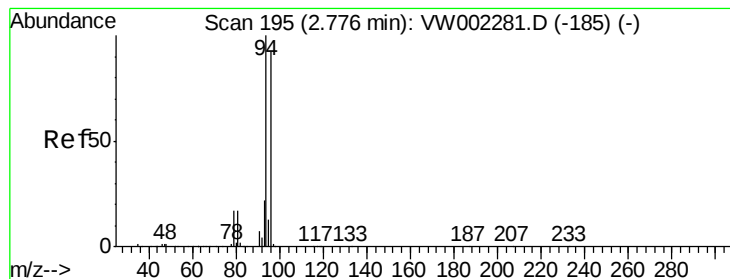
Tot Ion: 50 Resp: 185569
 Ion Ratio Lower Upper
 50 100
 52 32.5 26.5 39.7



#4
 Vinyl Chloride
 Concen: 161.07 ug/l
 RT: 2.36 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

Tgt Ion: 62 Resp: 322019
 Ion Ratio Lower Upper
 62 100
 64 31.5 26.1 39.1





#5

Bromomethane

Concen: 165.65 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

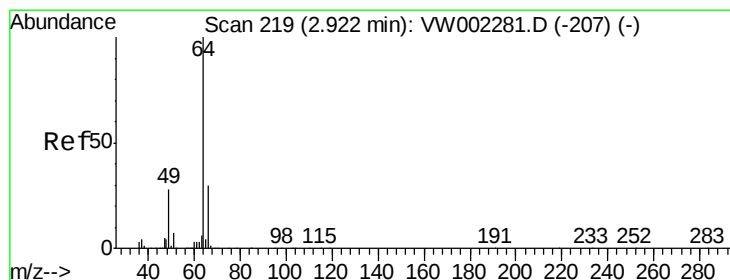
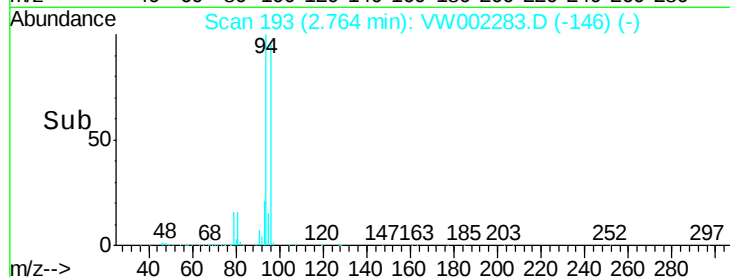
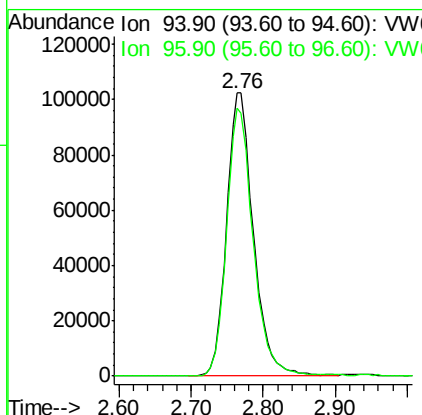
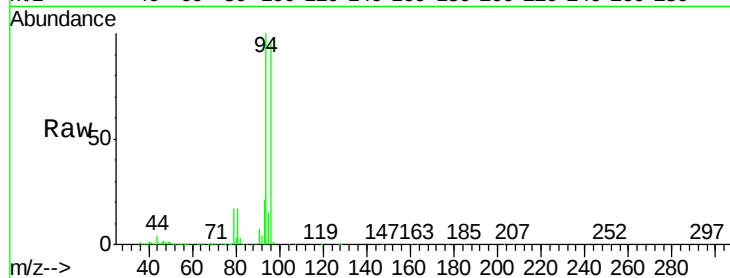
VSTDIC100

Tot Ion: 94 Resp: 263589

Ion Ratio Lower Upper

94 100

96 94.8 73.6 110.4



#6

Chloroethane

Concen: 187.89 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW002283.D

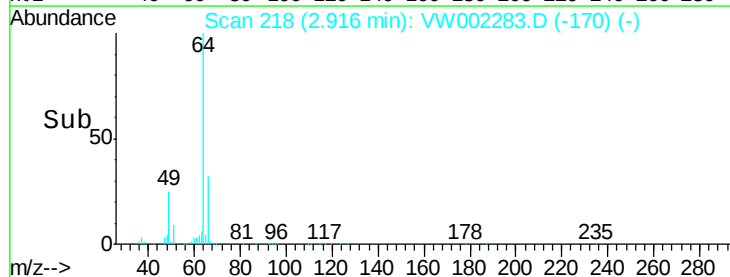
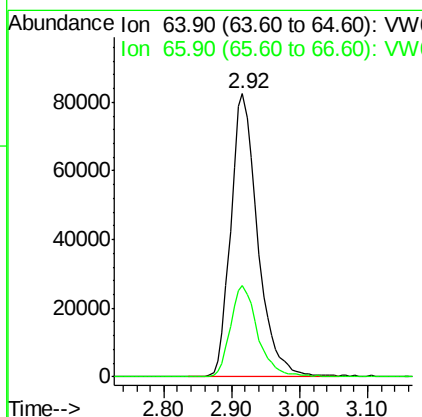
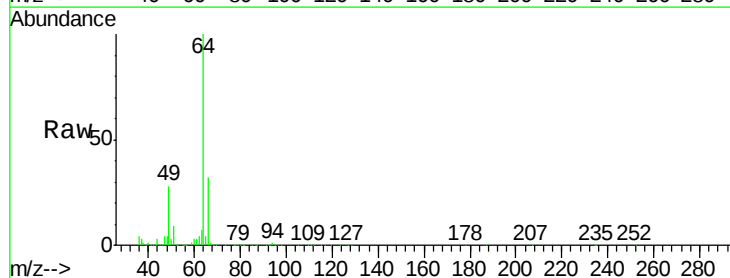
Acq: 08 May 2018 01:51

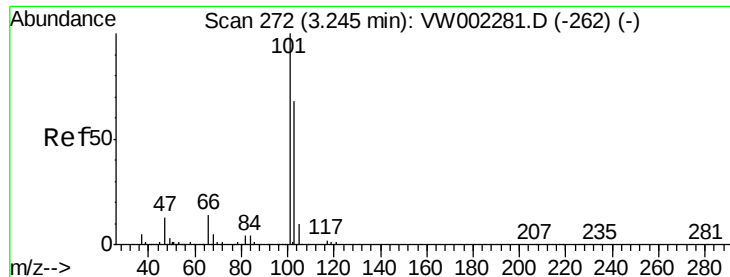
Tgt Ion: 64 Resp: 226880

Ion Ratio Lower Upper

64 100

66 32.2 23.8 35.6



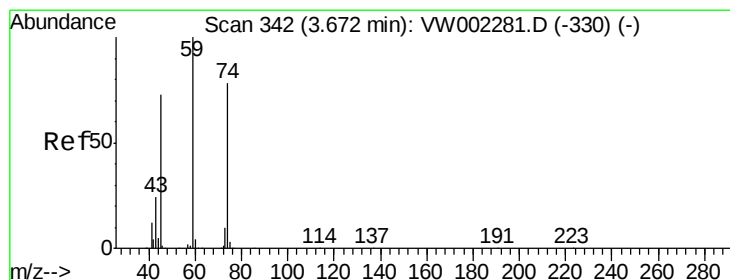
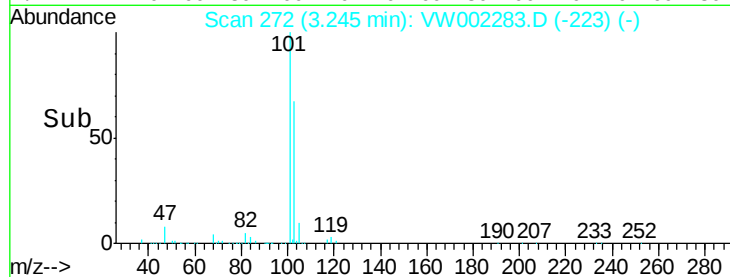
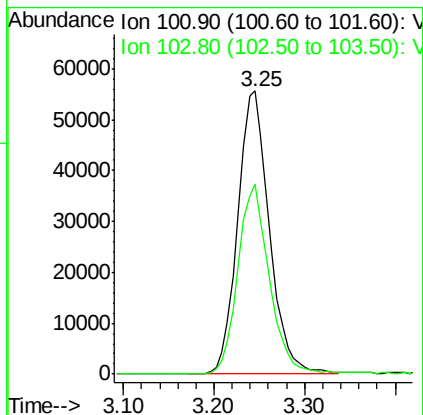
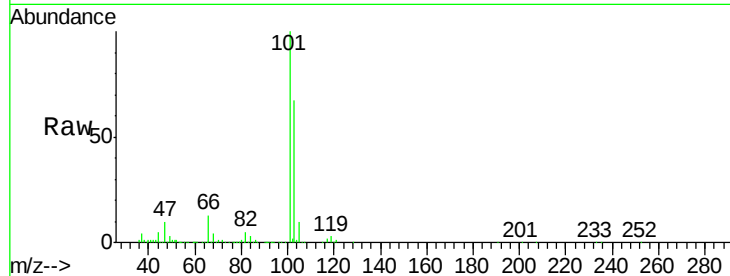


#7

Trichlorofluoromethane
 Concen: 40.46 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.00 min
 Lab File: VW002283.D
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Instrument :
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 ClientSampleId :
 VSTDIC100

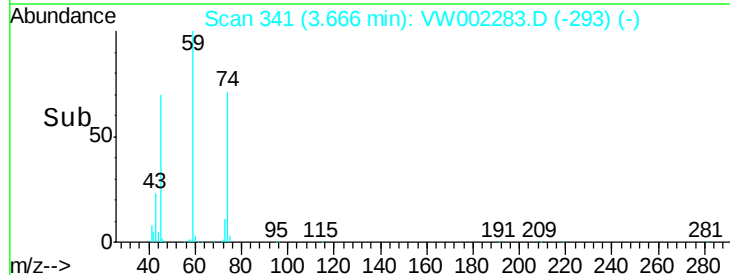
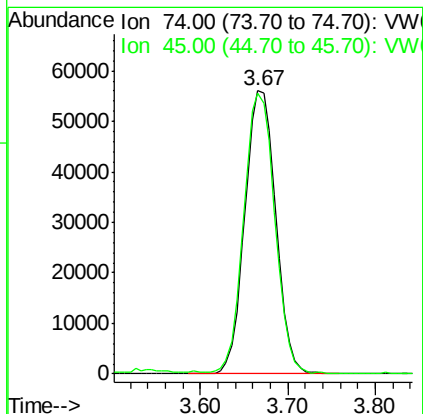
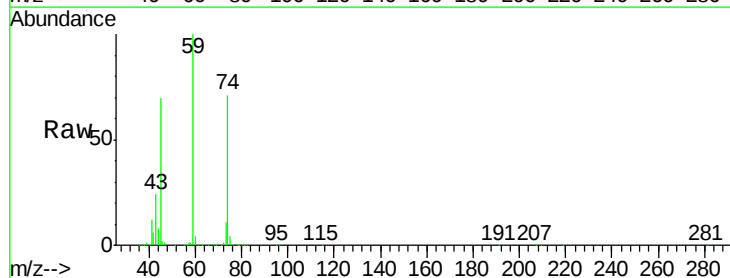
Tot Ion:101 Resp: 134746
 Ion Ratio Lower Upper
 101 100
 103 67.1 54.6 82.0

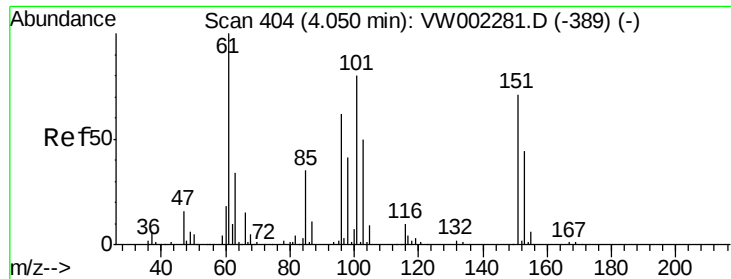


#8

Diethyl Ether
 Concen: 144.57 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

Tgt Ion: 74 Resp: 137824
 Ion Ratio Lower Upper
 74 100
 45 99.4 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.98 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

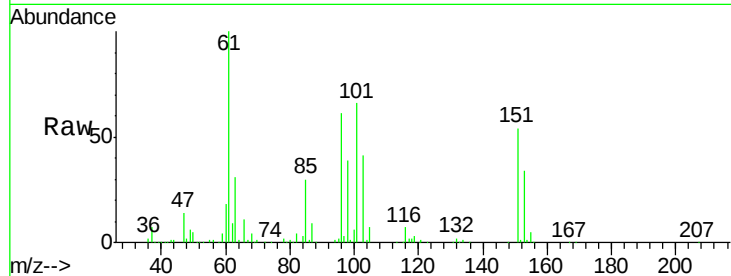
Tot Ion:101 Resp: 218398

Ion Ratio Lower Upper

101 100

85 45.3 35.9 53.9

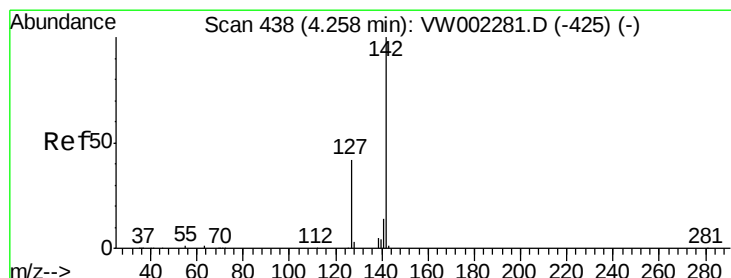
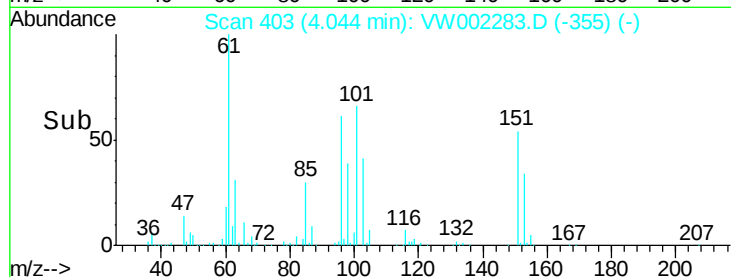
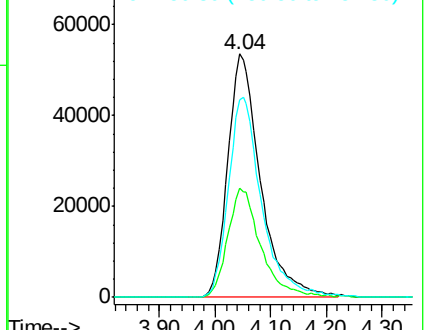
151 83.3 65.4 98.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 147.91 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.01 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

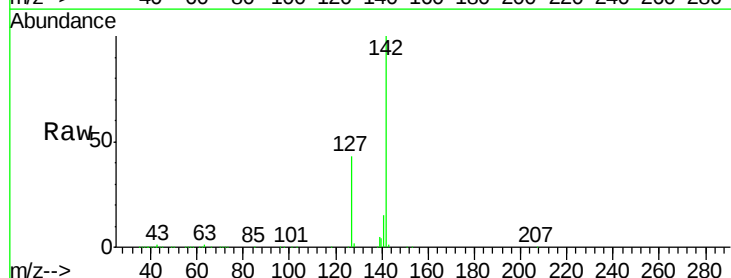
Tgt Ion:142 Resp: 368706

Ion Ratio Lower Upper

142 100

127 43.4 34.7 52.1

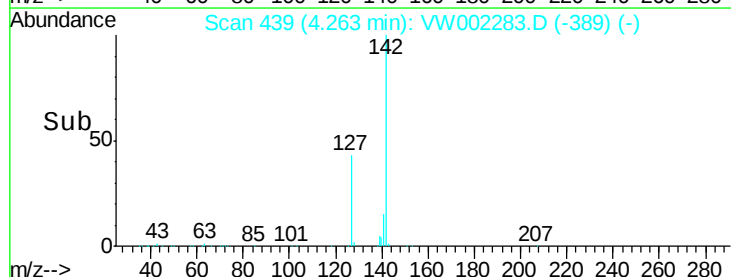
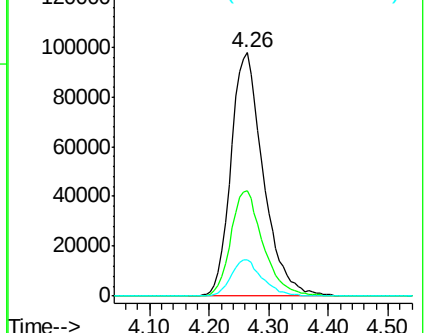
141 14.7 11.9 17.9

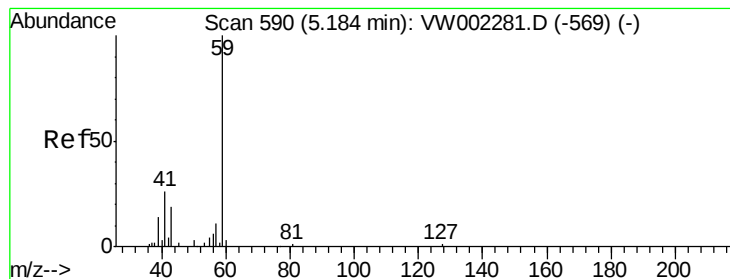


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



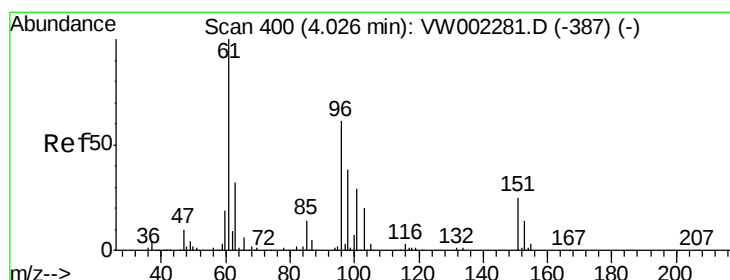
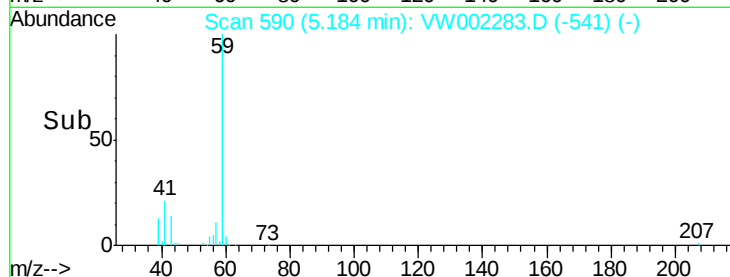
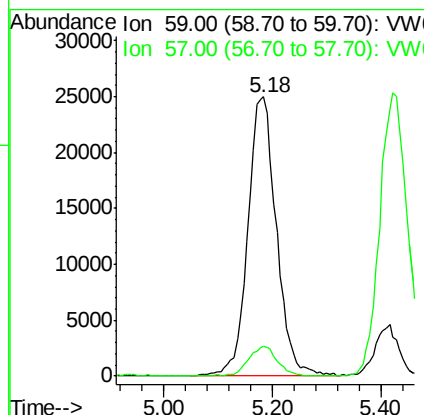
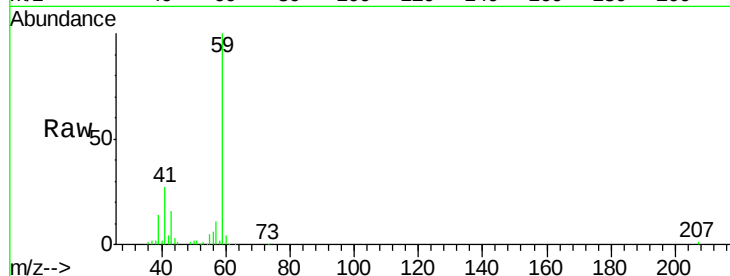


#11

Tert butyl alcohol
 Concen: 686.14 ug/l
 RT: 5.18 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

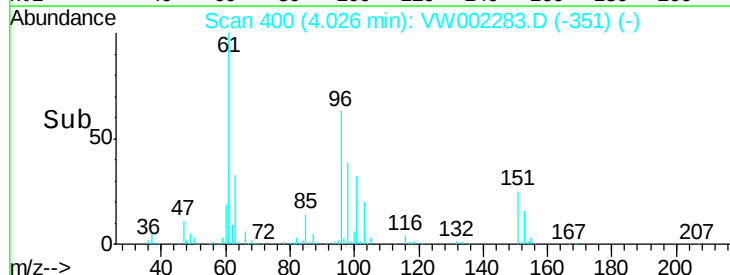
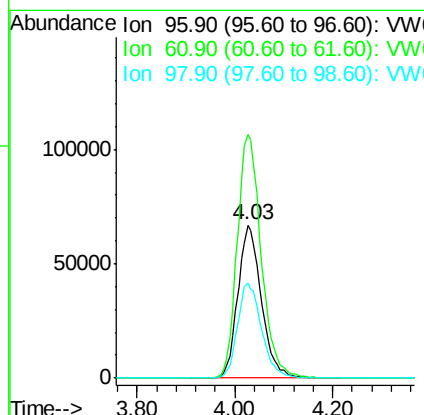
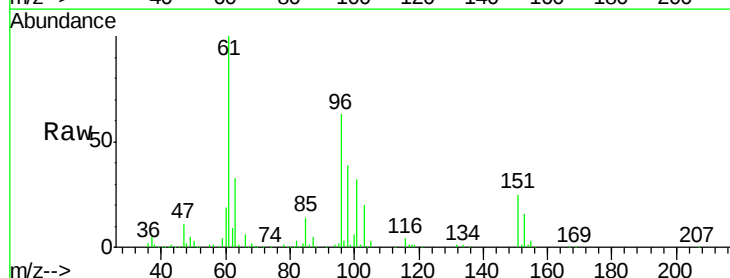
Tot Ion: 59 Resp: 90932
 Ion Ratio Lower Upper
 59 100
 57 10.8 3.9 5.9#

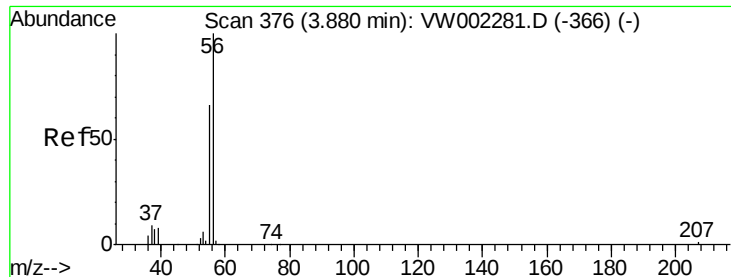


#12

1,1-Dichloroethene
 Concen: 115.69 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

Tgt Ion: 96 Resp: 222956
 Ion Ratio Lower Upper
 96 100
 61 159.0 130.6 196.0
 98 62.6 49.0 73.4





#13

Acrolein

Concen: 721.52 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

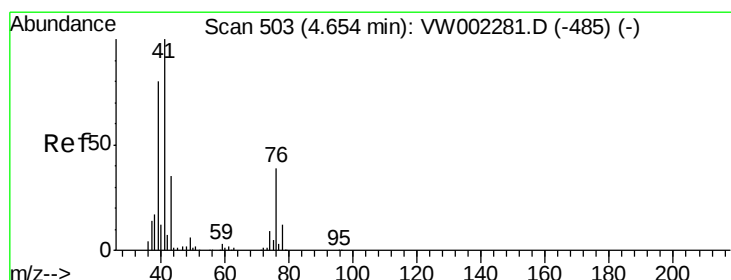
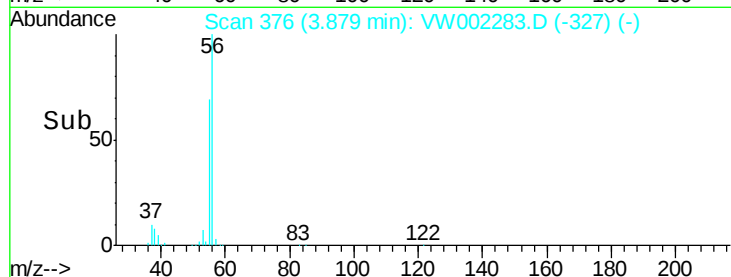
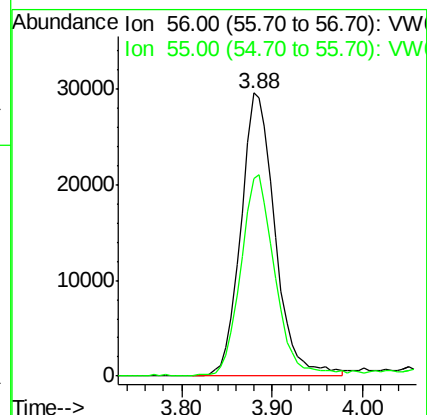
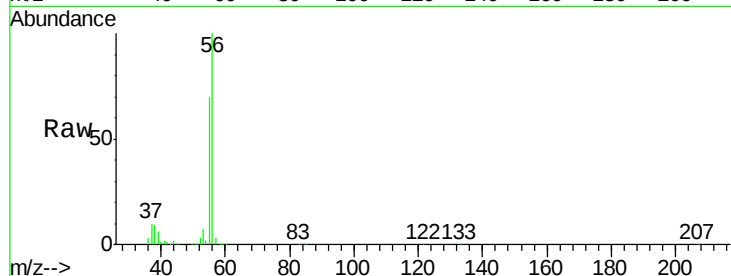
VSTDIC100

Tot Ion: 56 Resp: 77129

Ion Ratio Lower Upper

56 100

55 70.9 57.3 85.9



#14

Allyl chloride

Concen: 142.10 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

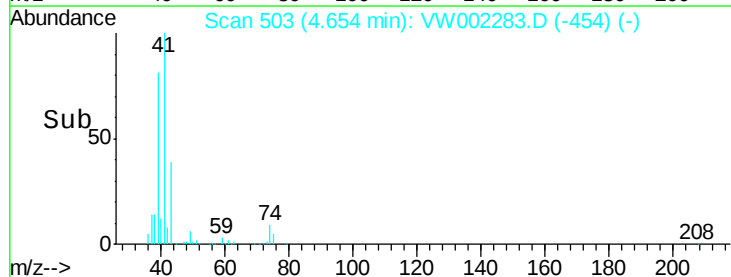
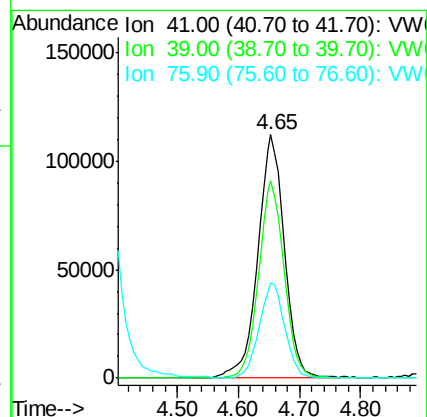
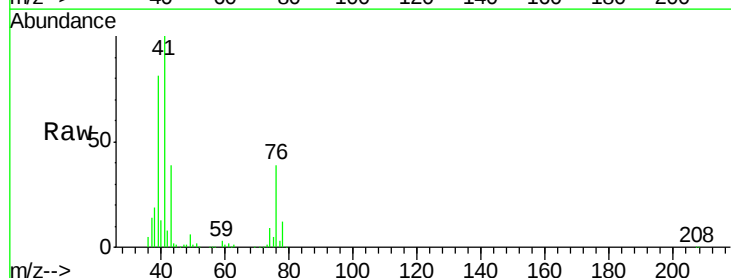
Tgt Ion: 41 Resp: 341138

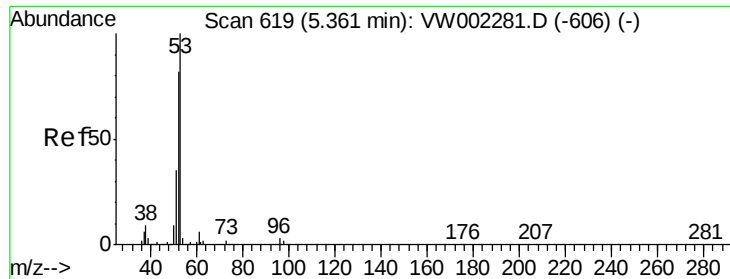
Ion Ratio Lower Upper

41 100

39 78.1 61.7 92.5

76 37.3 29.8 44.6

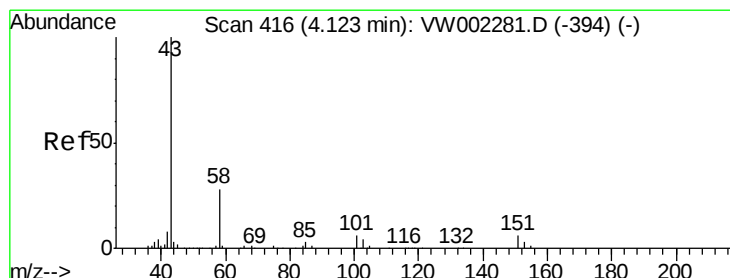
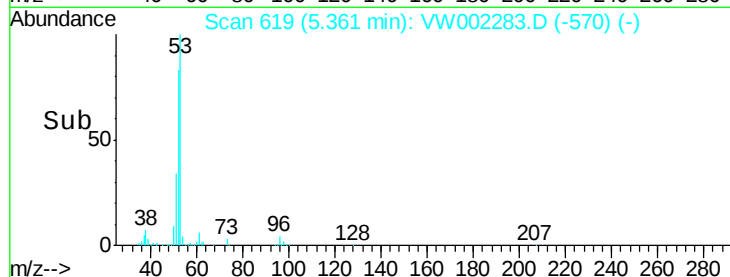
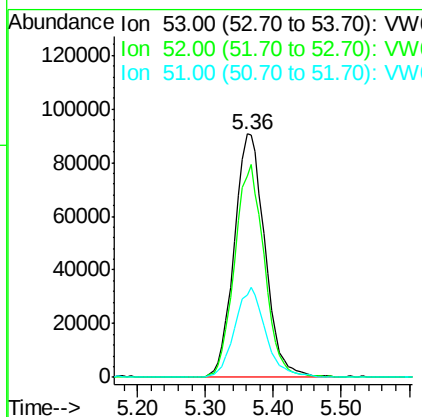
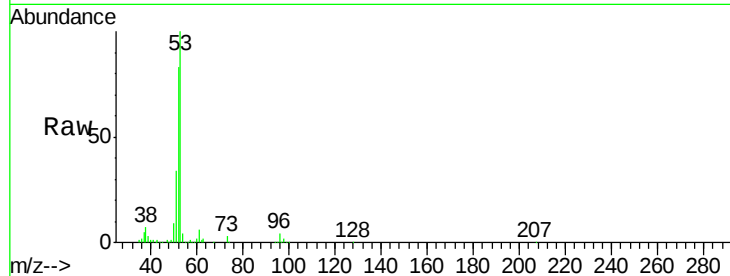




#15
 Acrylonitrile
 Concen: 788.74 ug/l
 RT: 5.36 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

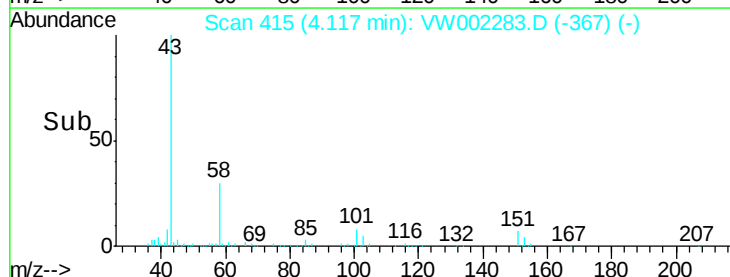
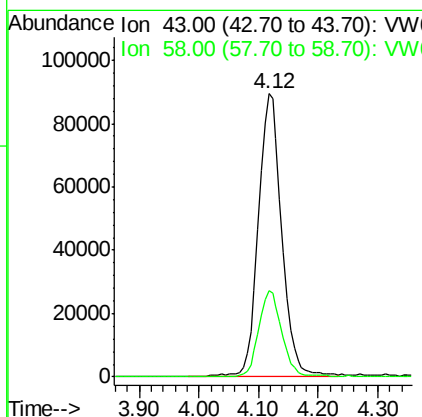
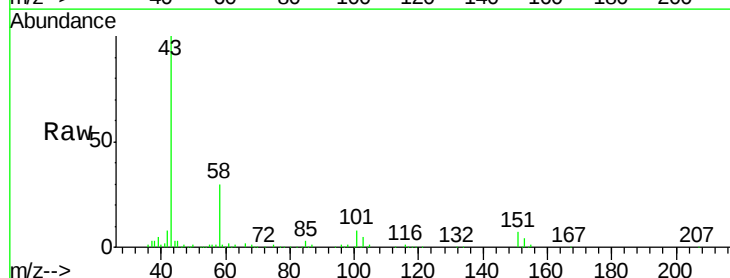
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

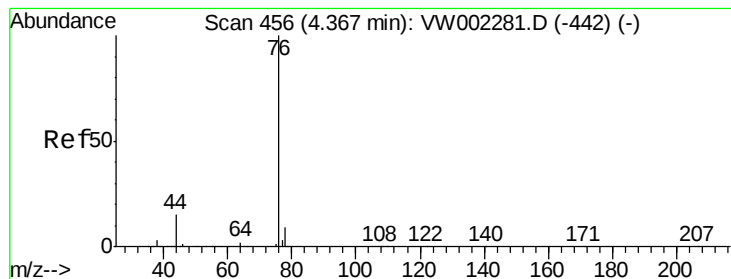
Tot Ion: 53 Resp: 284351
 Ion Ratio Lower Upper
 53 100
 52 84.4 67.9 101.9
 51 37.4 30.0 45.0



#16
 Acetone
 Concen: 577.31 ug/l
 RT: 4.12 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

Tgt Ion: 43 Resp: 244770
 Ion Ratio Lower Upper
 43 100
 58 30.1 22.2 33.4





#17

Carbon Disulfide

Concen: 107.92 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

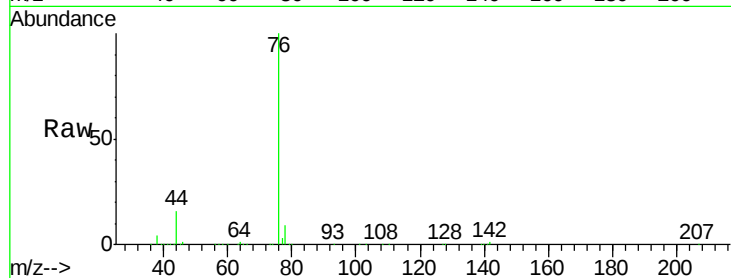
VSTDIC100

Tot Ion: 76 Resp: 652686

Ion Ratio Lower Upper

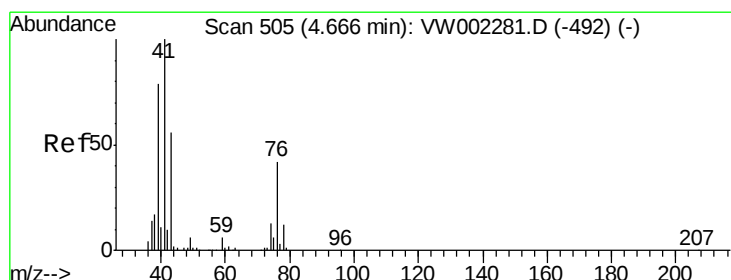
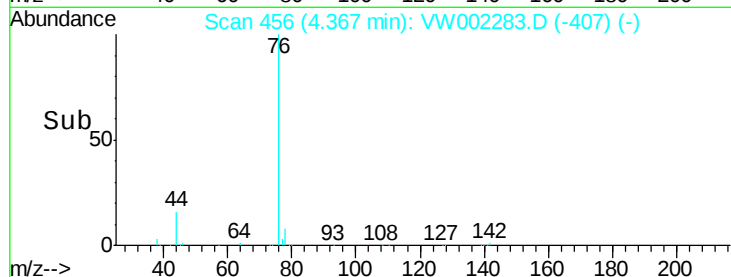
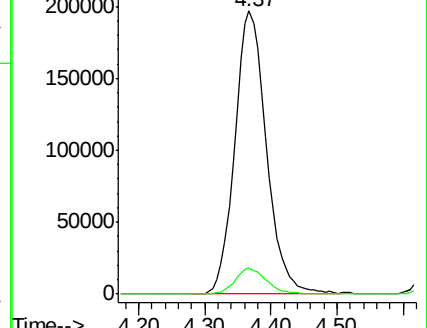
76 100

78 9.0 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 165.78 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.00 min

Lab File: VW002283.D

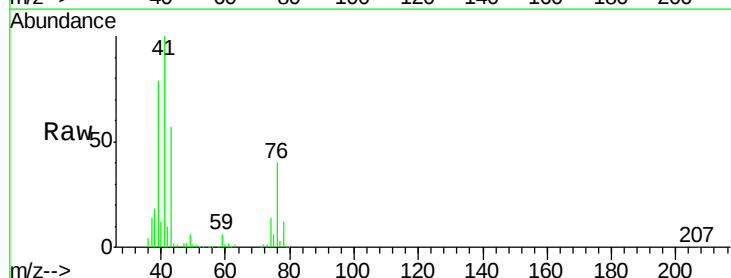
Acq: 08 May 2018 01:51

Tgt Ion: 43 Resp: 154537

Ion Ratio Lower Upper

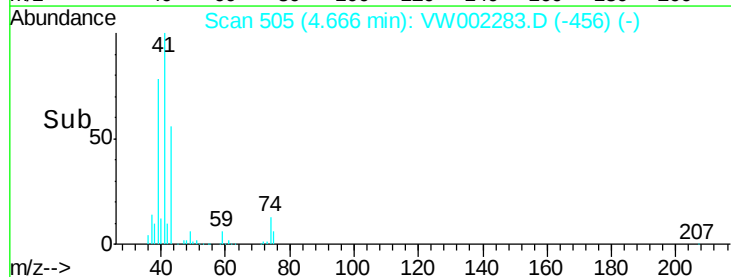
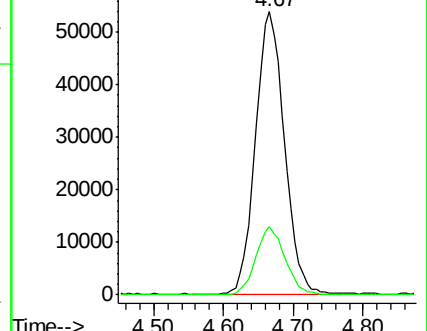
43 100

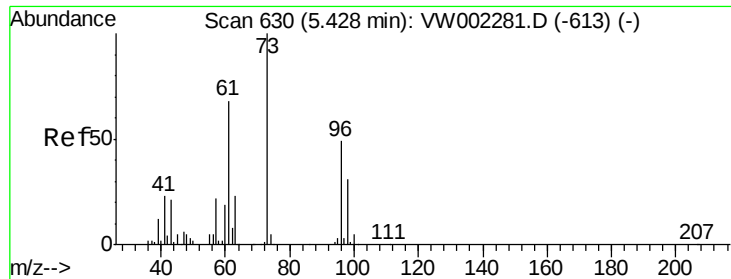
74 24.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

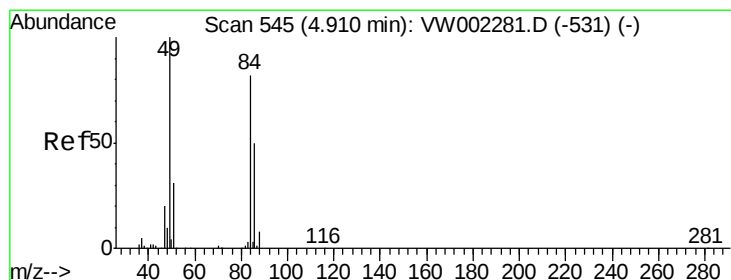
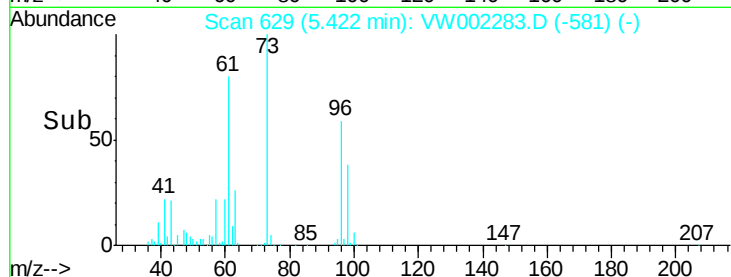
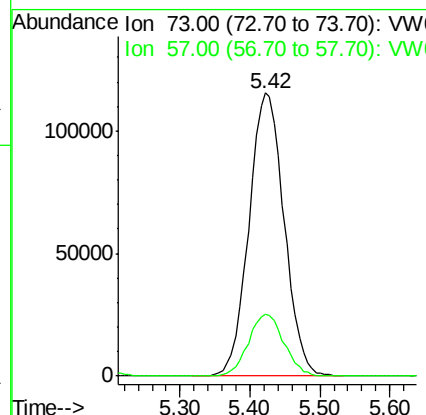
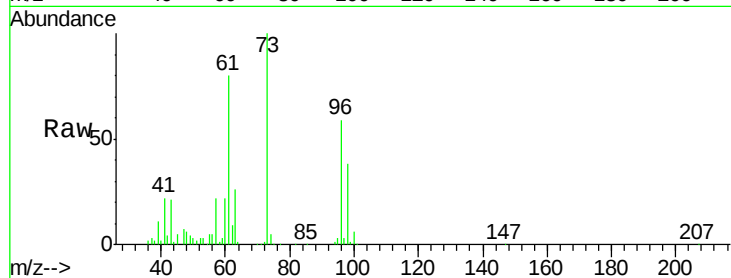




#19
Methvl tert-butvl Ether
Concen: 102.86 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

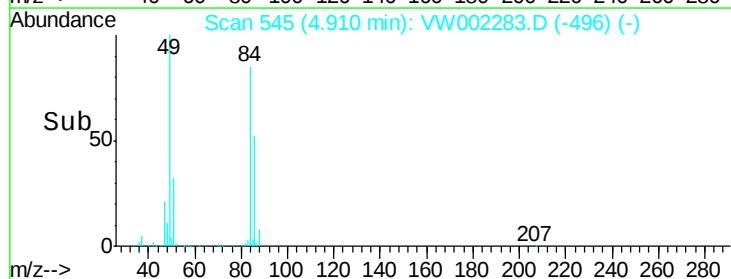
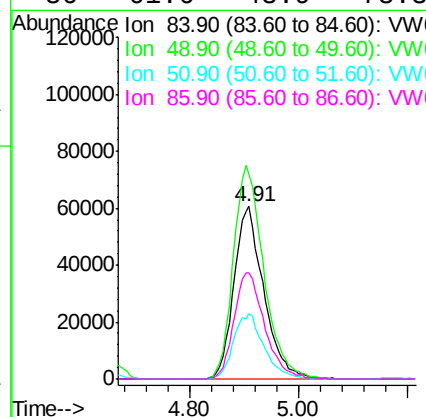
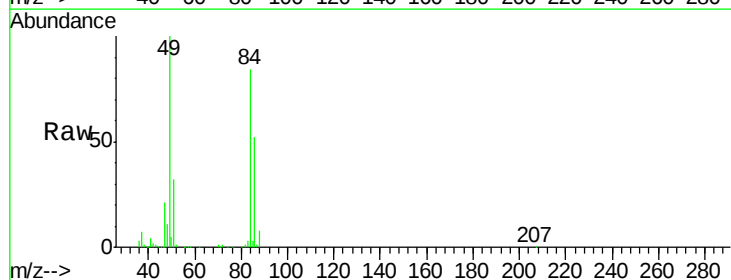
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

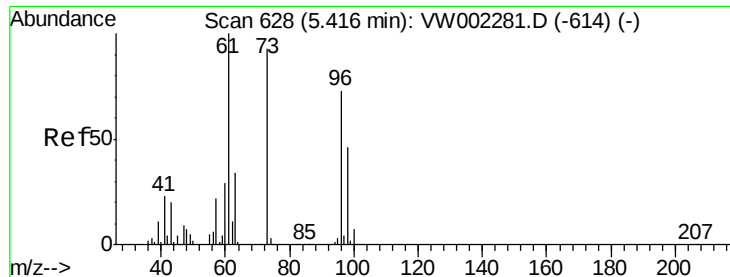
Tot Ion: 73 Resp: 402327
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 96.90 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

Tgt Ion: 84 Resp: 232088
Ion Ratio Lower Upper
84 100
49 119.0 97.7 146.5
51 38.0 30.2 45.4
86 61.6 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 113.46 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

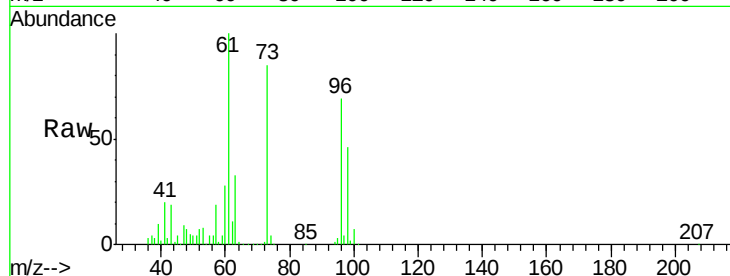
Tot Ion: 96 Resp: 243956

Ion Ratio Lower Upper

96 100

61 144.3 109.5 164.3

98 67.1 50.2 75.4

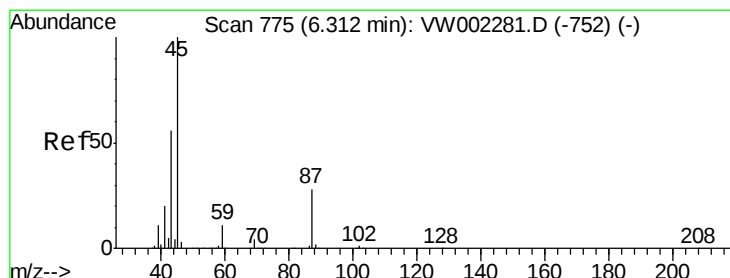
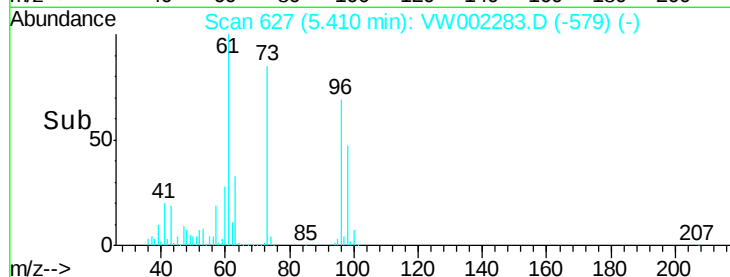
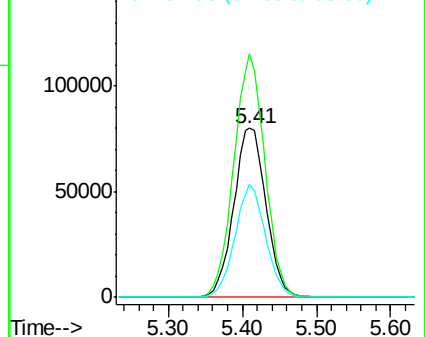


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 157.63 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Tgt Ion: 45 Resp: 755517

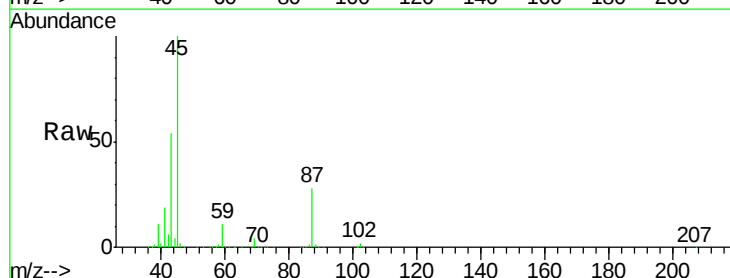
Ion Ratio Lower Upper

45 100

43 54.2 44.5 66.7

87 27.4 22.2 33.4

59 11.3 8.9 13.3



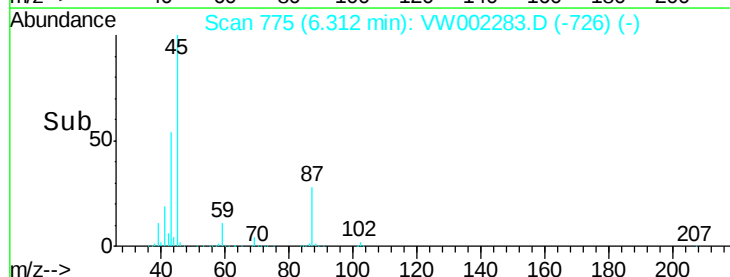
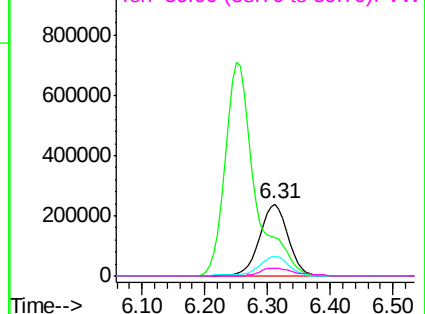
Abundance

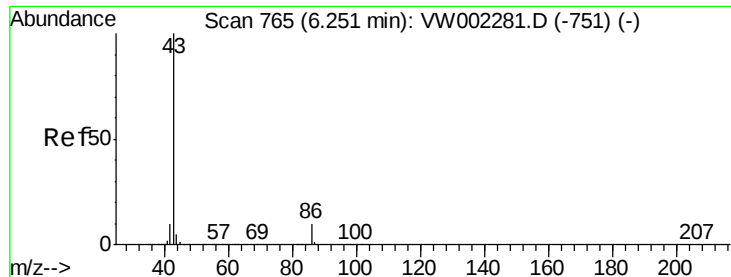
Ion 45.00 (44.70 to 45.70): VW

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: 911.75 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

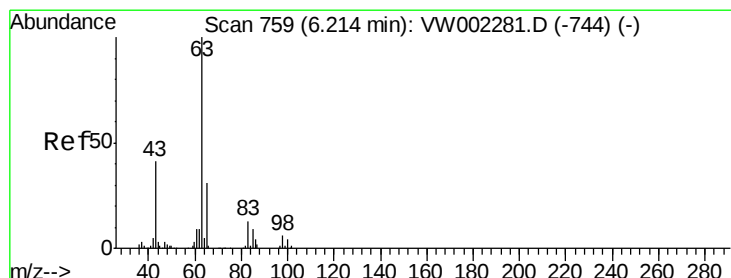
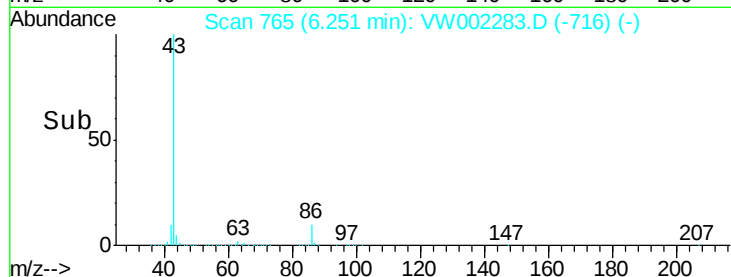
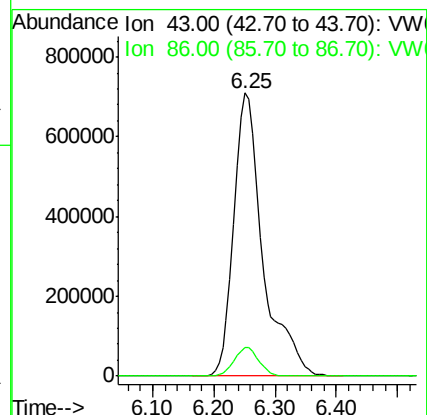
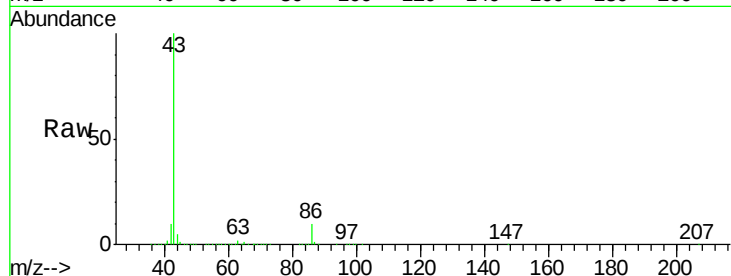
VSTDIC100

Tot Ion: 43 Resp: 2326605

Ion Ratio Lower Upper

43 100

86 10.0 7.9 11.9



#24

1,1-Dichloroethane

Concen: 126.19 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

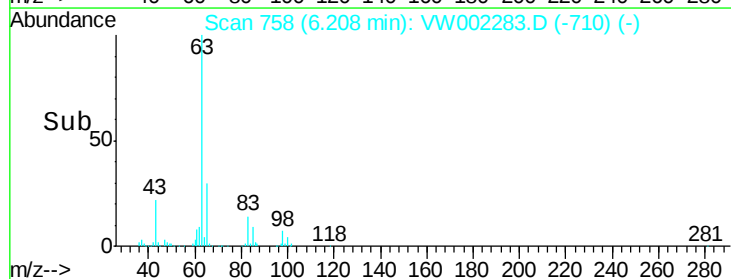
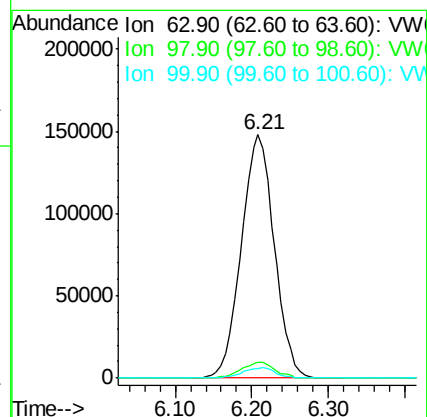
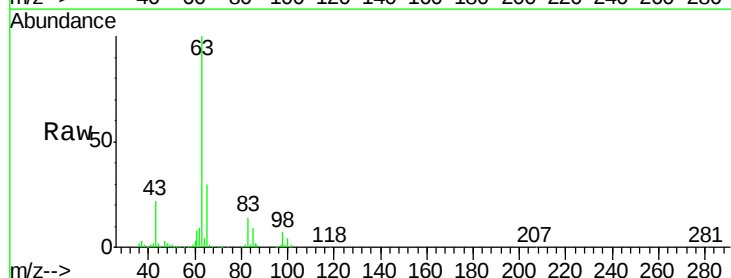
Tgt Ion: 63 Resp: 441287

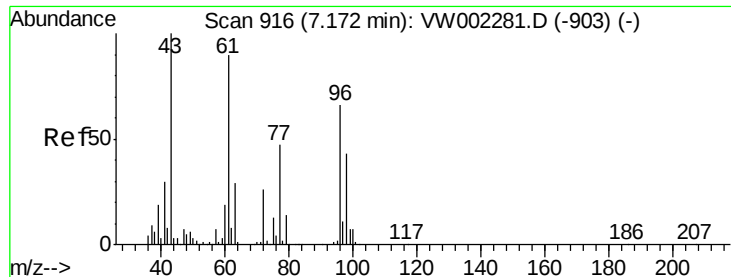
Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.7

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 818.63 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

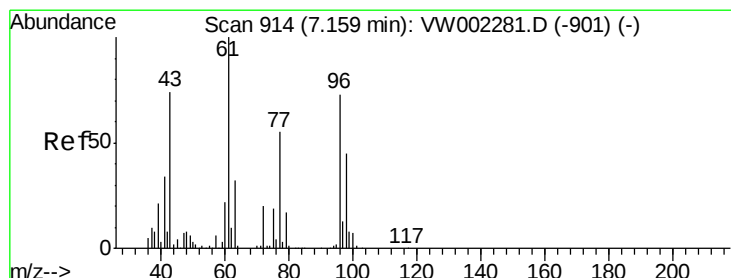
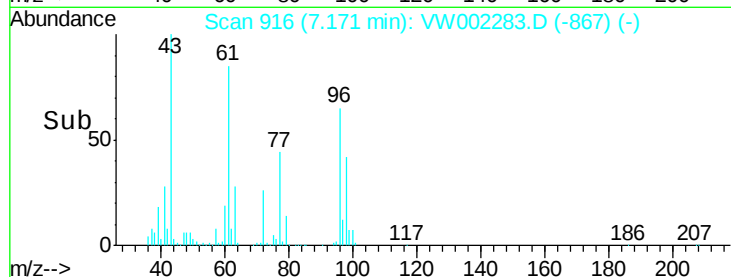
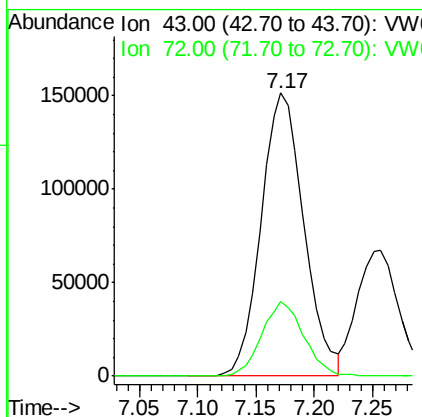
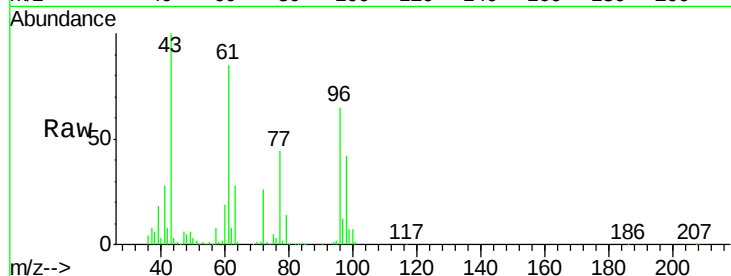
VSTDIC100

Tot Ion: 43 Resp: 386306

Ion Ratio Lower Upper

43 100

72 26.4 20.6 31.0



#26

2,2-Dichloropropane

Concen: 65.25 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.01 min

Lab File: VW002283.D

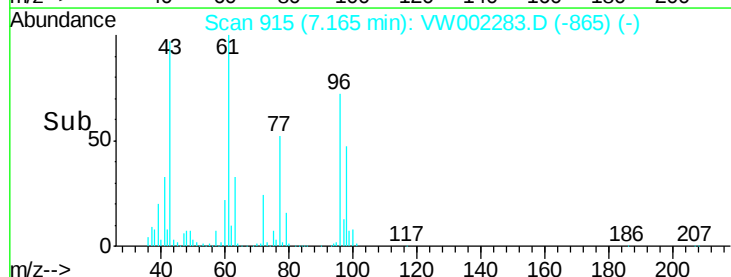
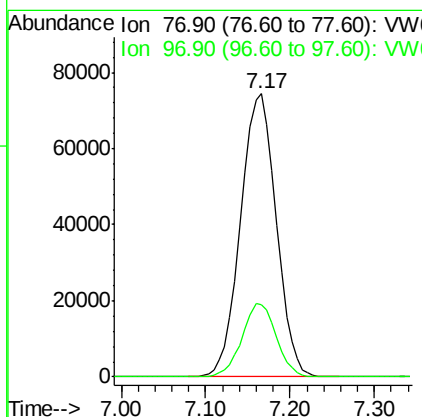
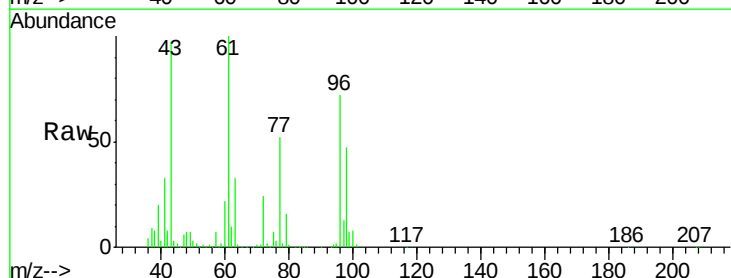
Acq: 08 May 2018 01:51

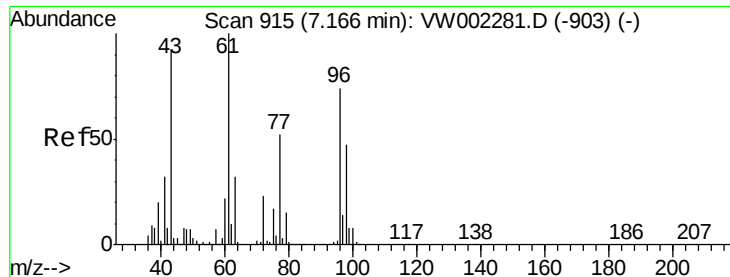
Tgt Ion: 77 Resp: 213249

Ion Ratio Lower Upper

77 100

97 24.8 12.7 38.0



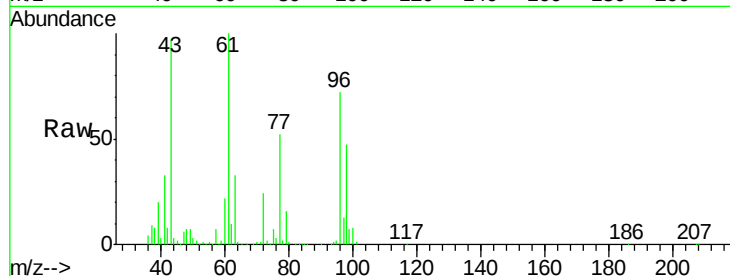


#27

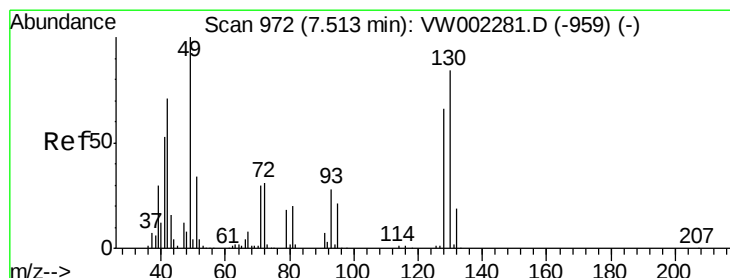
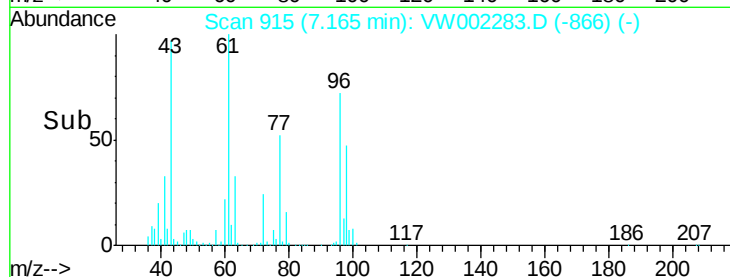
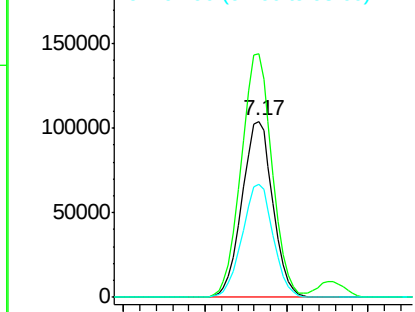
cis-1,2-Dichloroethene
Concen: 120.24 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion	96	Resp	273661
Ion	Ratio	Lower	Upper
96	100		
61	138.8	0.0	274.8
98	64.6	0.0	128.4



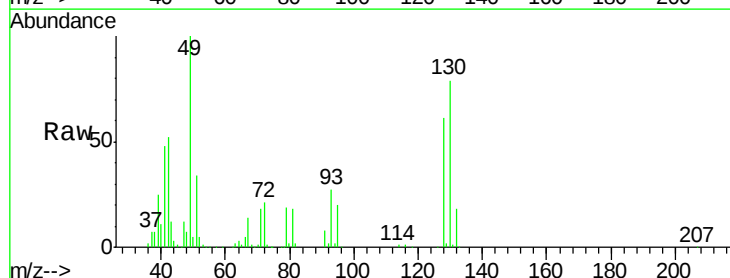
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



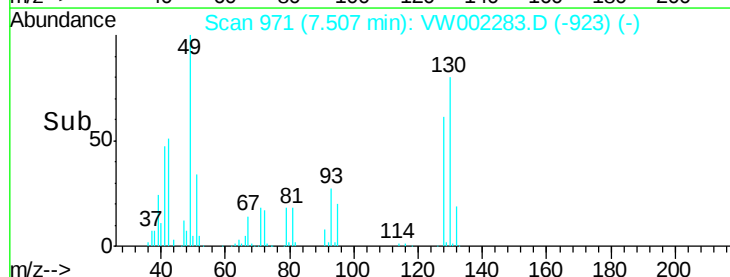
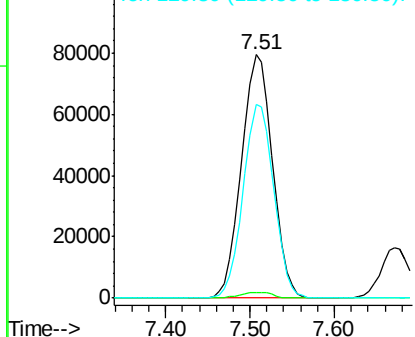
#28

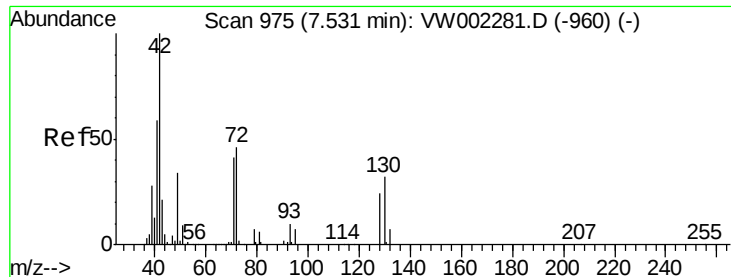
Bromochloromethane
Concen: 161.38 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

Tgt Ion	49	Resp	198178
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.4
130	78.6	65.5	98.3



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 929.36 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

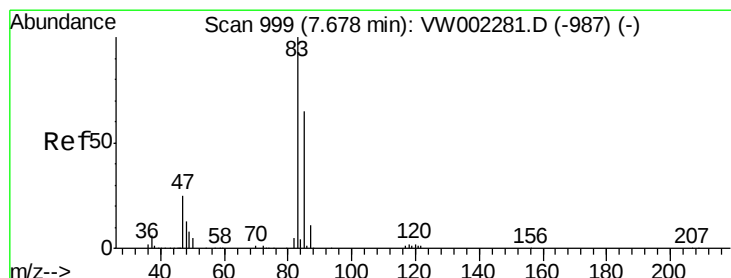
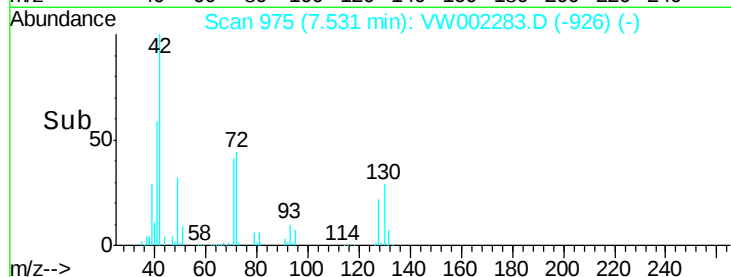
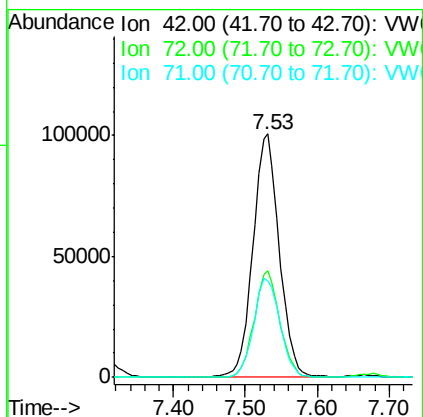
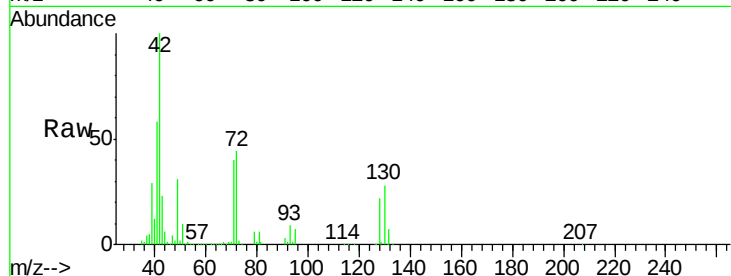
Tot Ion: 42 Resp: 254978

Ion Ratio Lower Upper

42 100

72 42.7 34.5 51.7

71 40.7 33.0 49.6



#30

Chloroform

Concen: 114.29 ug/l

RT: 7.67 min Scan# 998

Delta R.T. -0.01 min

Lab File: VW002283.D

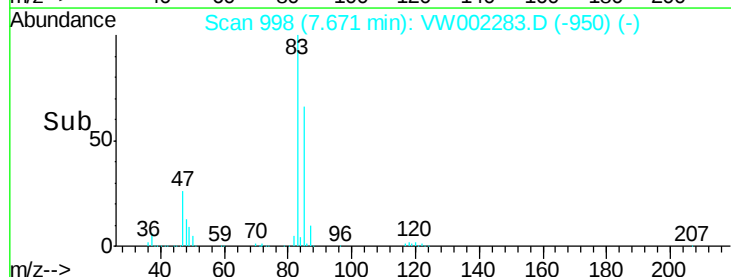
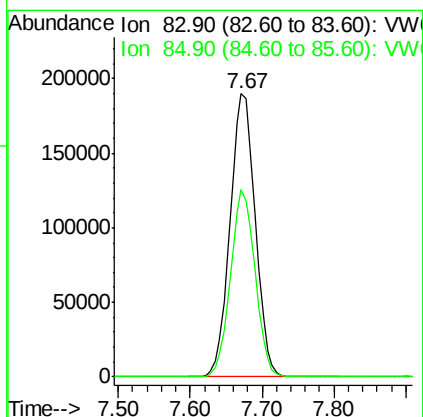
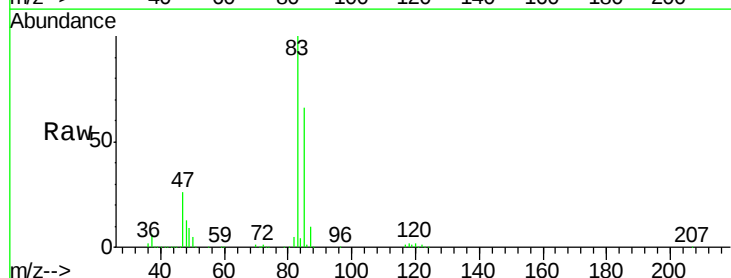
Acq: 08 May 2018 01:51

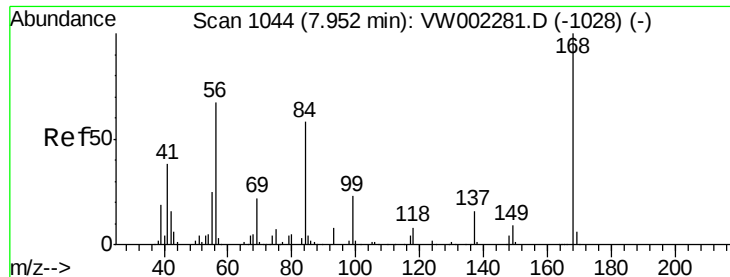
Tgt Ion: 83 Resp: 462265

Ion Ratio Lower Upper

83 100

85 66.2 51.8 77.6





#31

Cyclohexane

Concen: 116.87 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

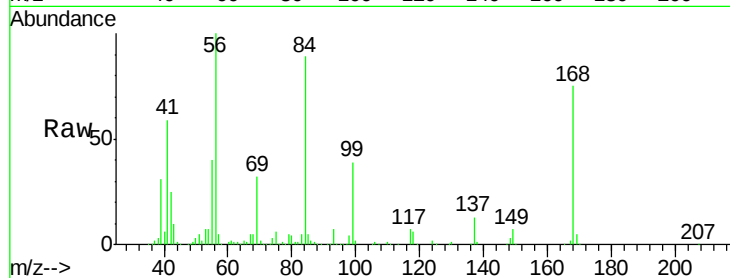
Tot Ion: 56 Resp: 370310

Ion Ratio Lower Upper

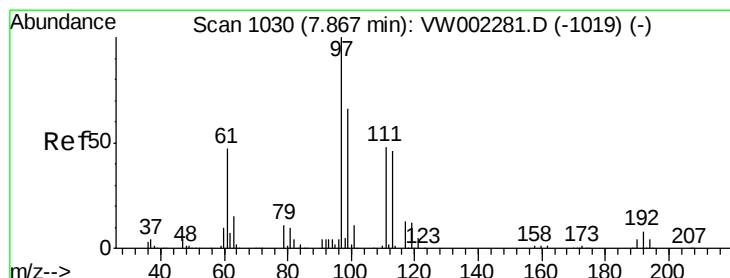
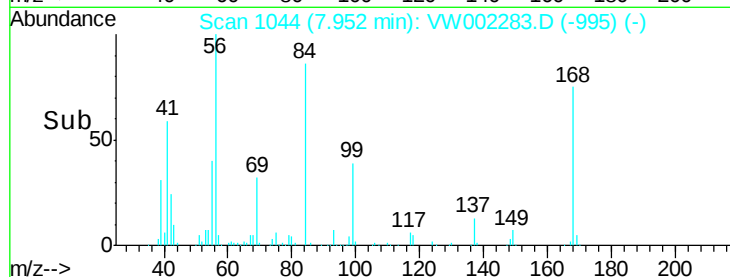
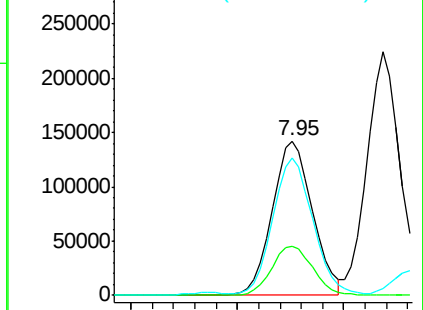
56 100

69 32.2 26.2 39.4

84 88.0 69.2 103.8



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: 90.65 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

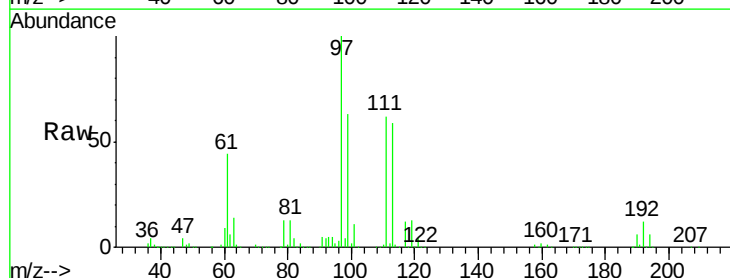
Tgt Ion: 97 Resp: 351919

Ion Ratio Lower Upper

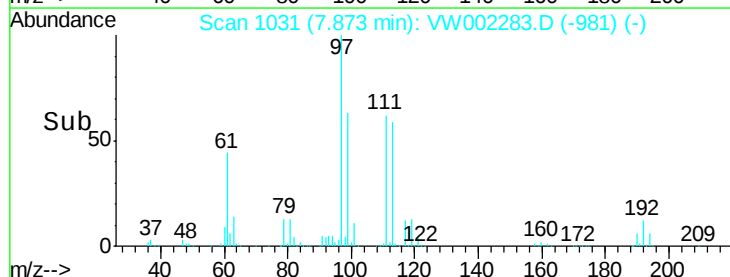
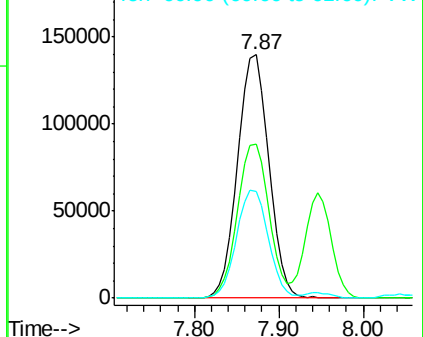
97 100

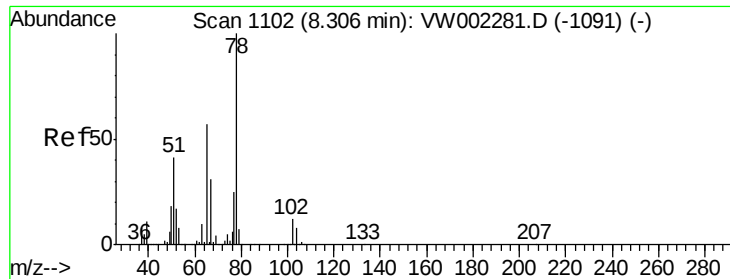
99 64.1 52.6 79.0

61 45.0 35.6 53.4



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

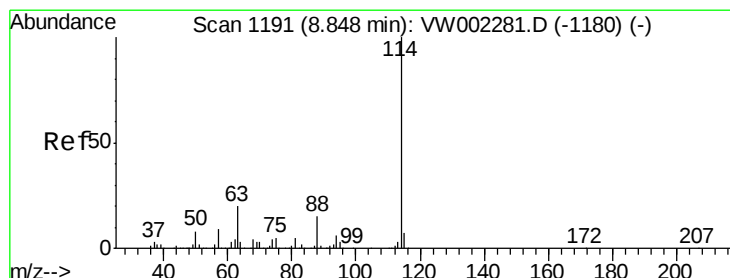
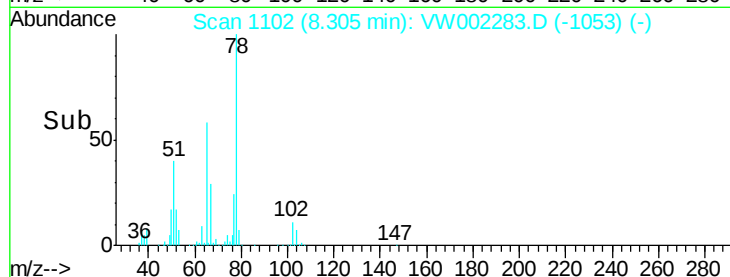
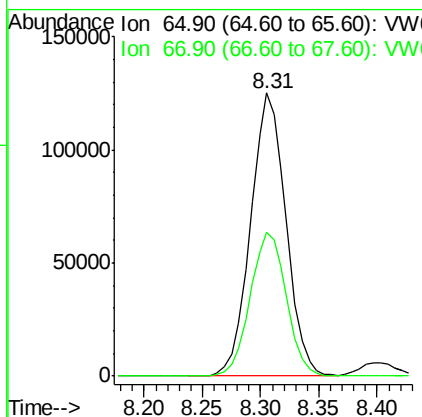
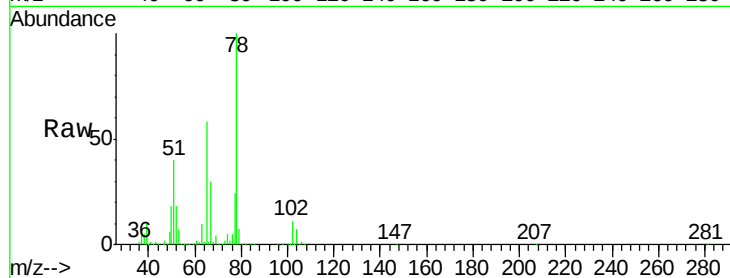




#33
 1,2-Dichloroethane-d4
 Concen: 124.07 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

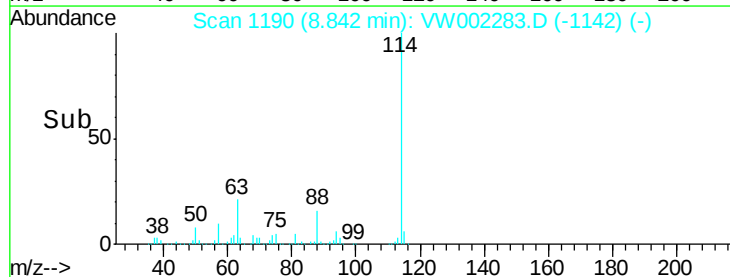
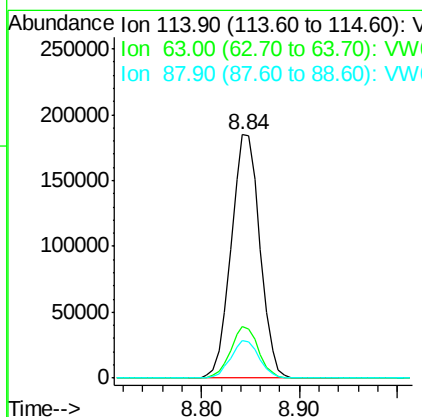
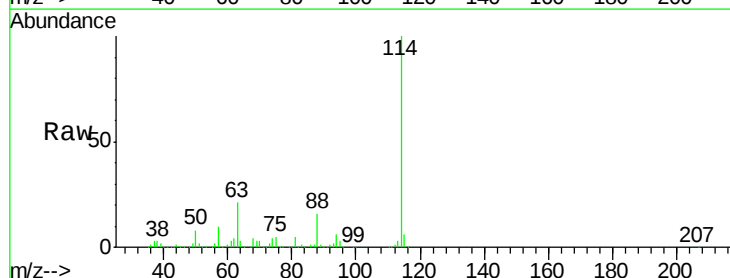
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

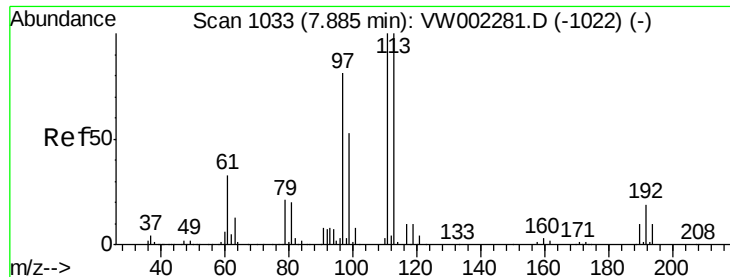
Tot Ion: 65 Resp: 264287
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

Tgt Ion: 114 Resp: 375826
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 39.0
 88 15.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 103.07 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

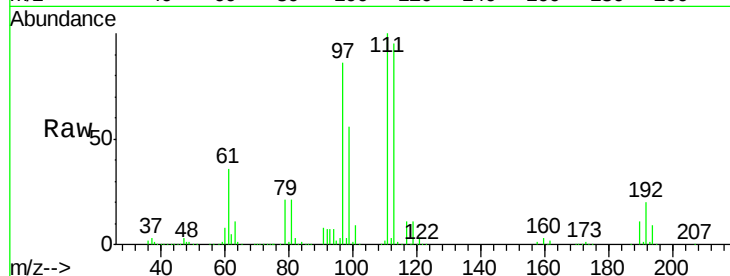
Tot Ion:113 Resp: 243046

Ion Ratio Lower Upper

113 100

111 103.4 81.5 122.3

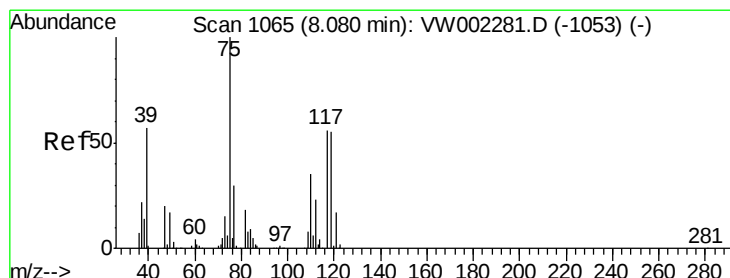
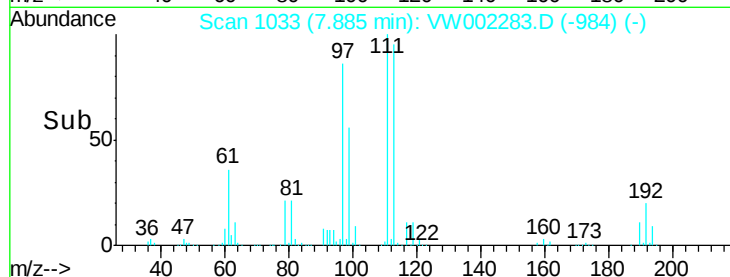
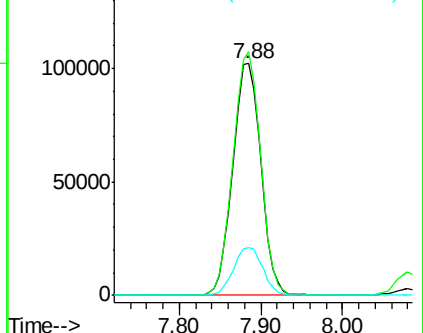
192 21.2 16.4 24.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 100.74 ug/l

RT: 8.08 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

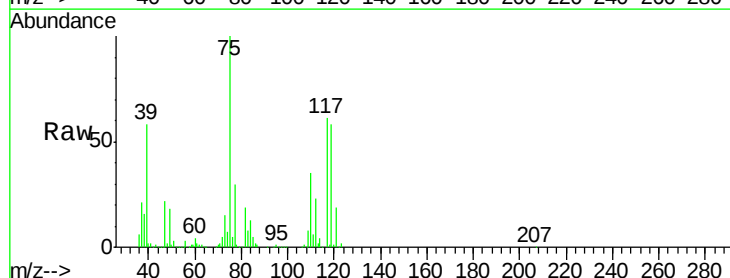
Tgt Ion: 75 Resp: 350541

Ion Ratio Lower Upper

75 100

110 35.5 18.1 54.1

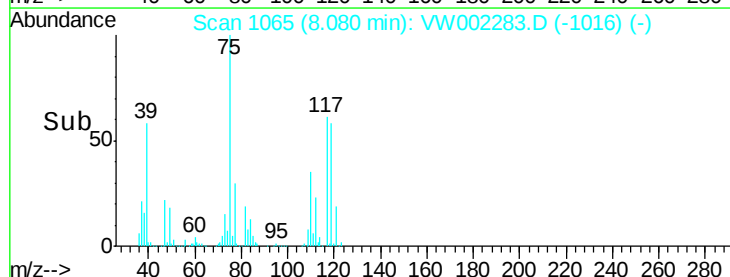
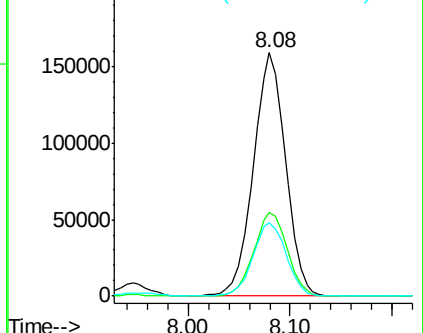
77 31.3 24.5 36.7

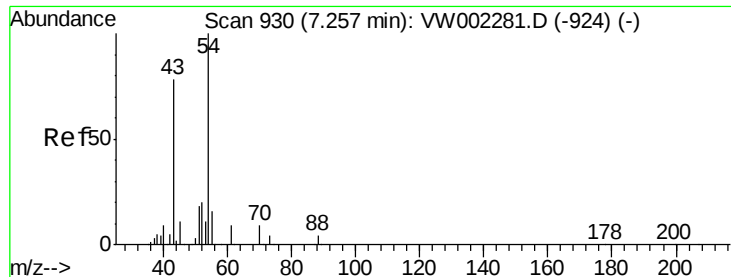


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

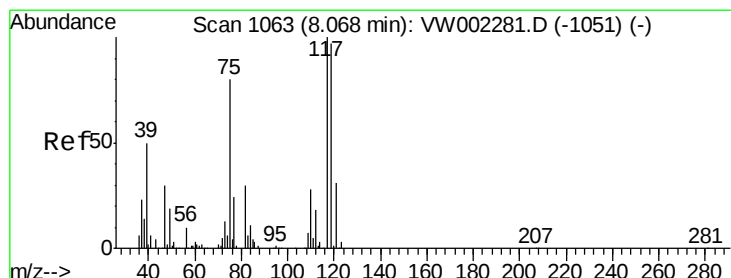
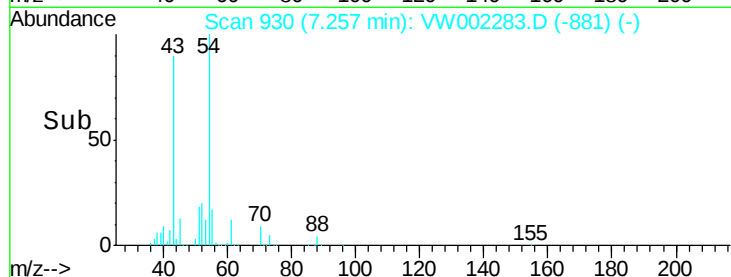
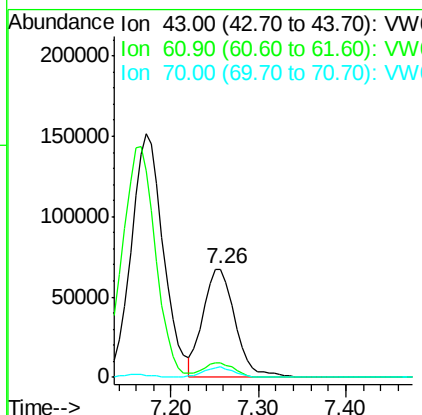
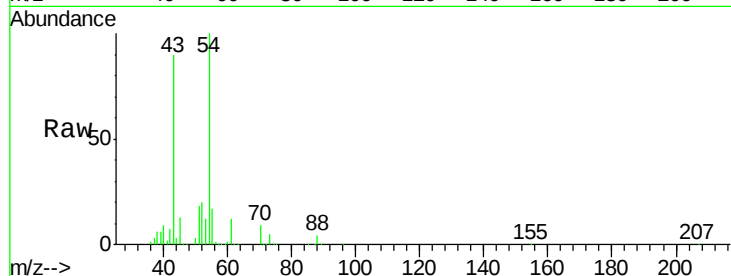




#37
Ethyl Acetate
Concen: 155.19 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

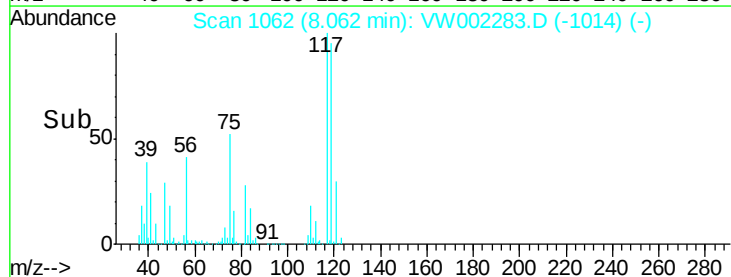
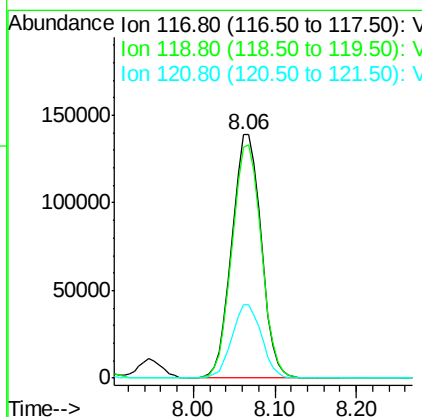
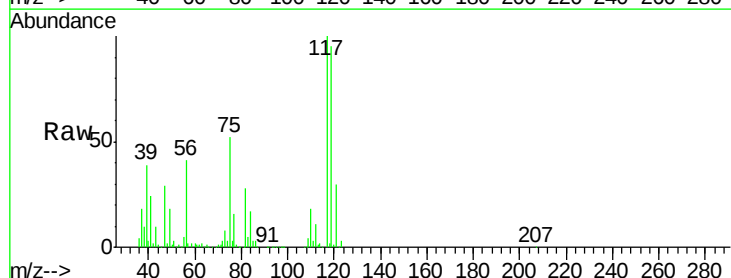
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

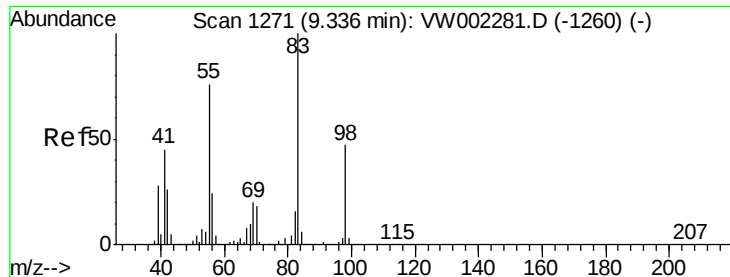
Tot Ion: 43 Resp: 171390
Ion Ratio Lower Upper
43 100
61 12.9 11.1 16.7
70 9.4 7.9 11.9



#38
Carbon Tetrachloride
Concen: 82.01 ug/l
RT: 8.06 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

Tgt Ion: 117 Resp: 345121
Ion Ratio Lower Upper
117 100
119 95.0 77.5 116.3
121 30.3 24.4 36.6

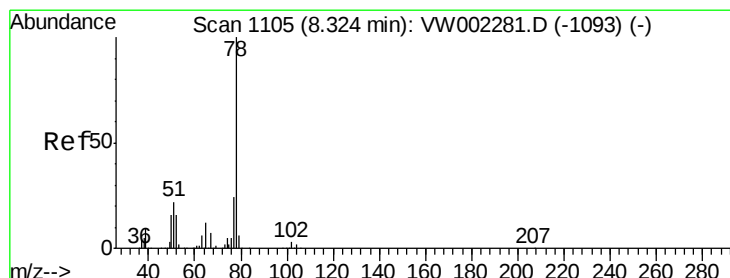
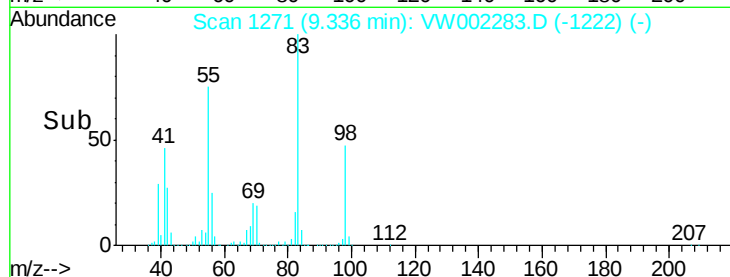
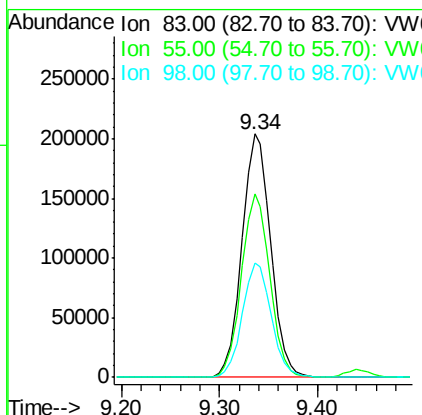
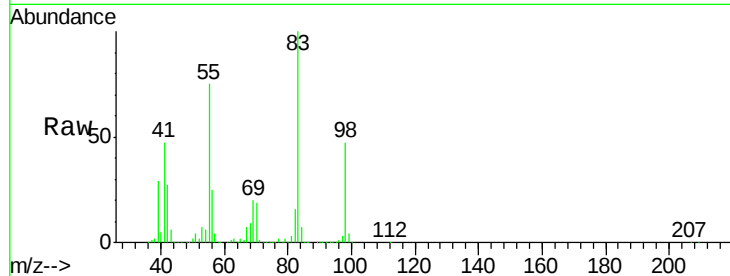




#39
Methvlcvclohexane
Concen: 104.89 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

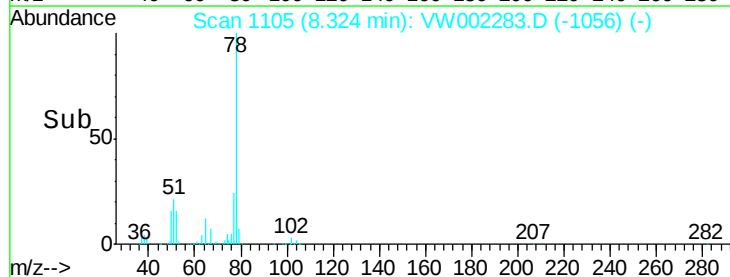
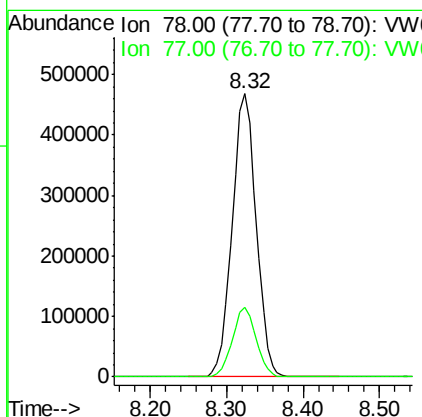
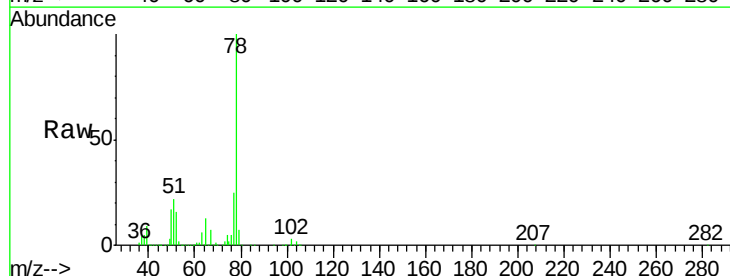
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

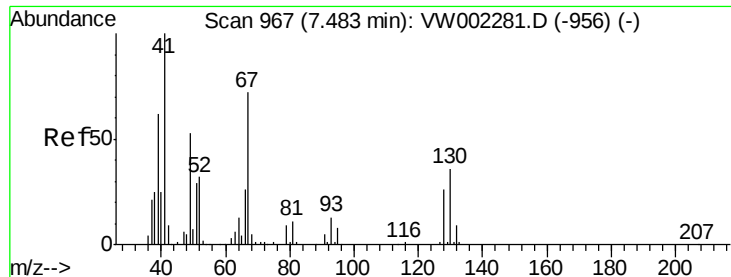
Tot Ion: 83 Resp: 415459
Ion Ratio Lower Upper
83 100
55 75.2 60.6 91.0
98 46.8 37.4 56.0



#40
Benzene
Concen: 105.52 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

Tgt Ion: 78 Resp: 1013484
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9

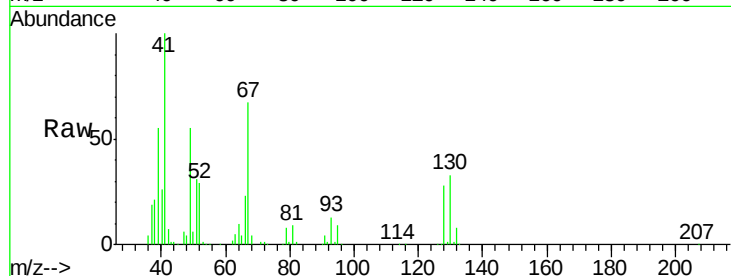




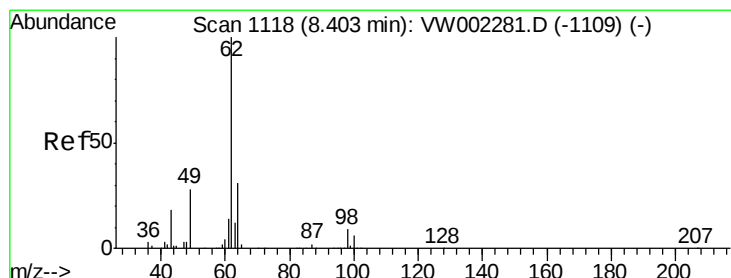
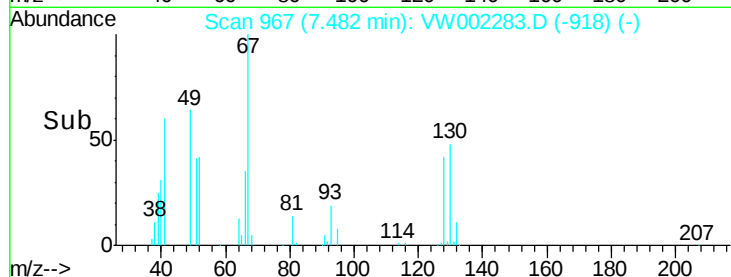
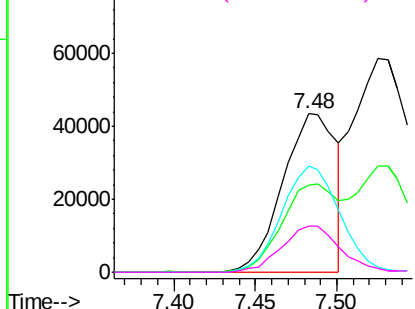
#41
Methacrylonitrile
Concen: 161.61 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	98947
Ion	Ratio	Lower	Upper
41	100		
39	56.7	40.2	60.4
67	72.9	54.7	82.1
52	31.8	23.6	35.4

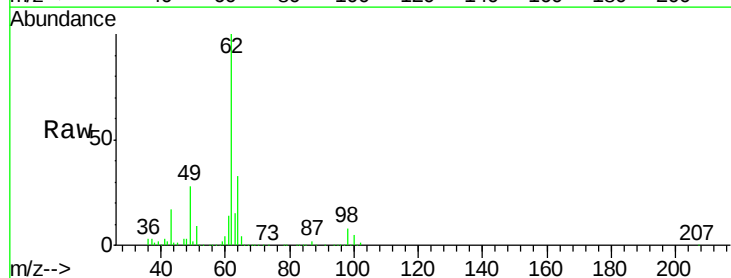


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

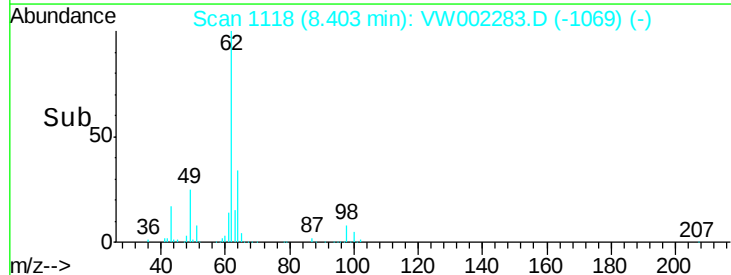
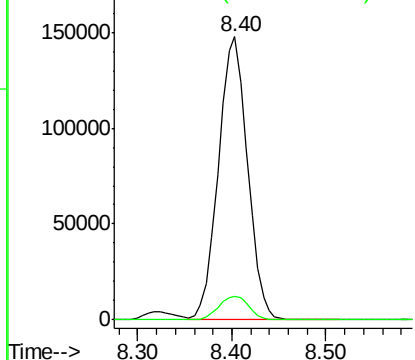


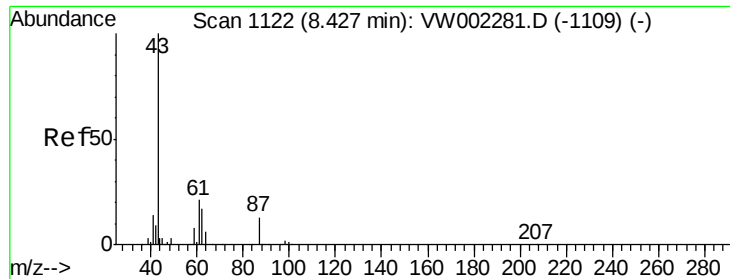
#42
1,2-Dichloroethane
Concen: 106.65 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

Tgt Ion:	62	Resp:	315868
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 153.87 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

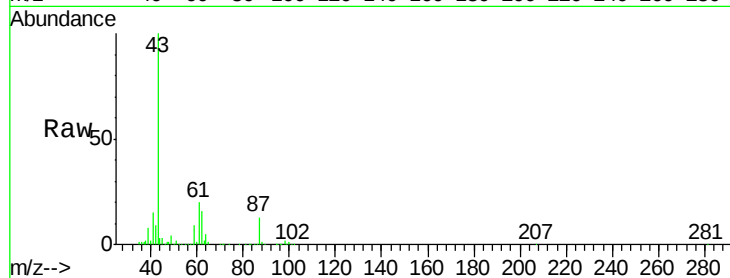
Tot Ion: 43 Resp: 337215

Ion Ratio Lower Upper

43 100

61 28.9 23.7 35.5

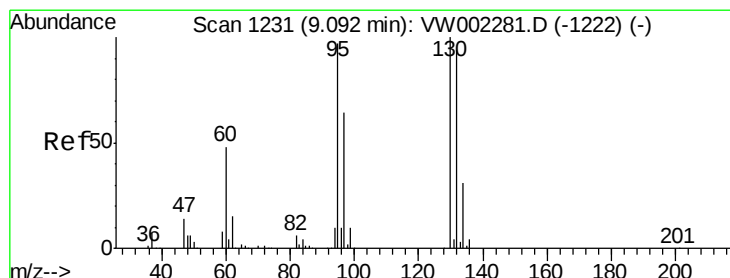
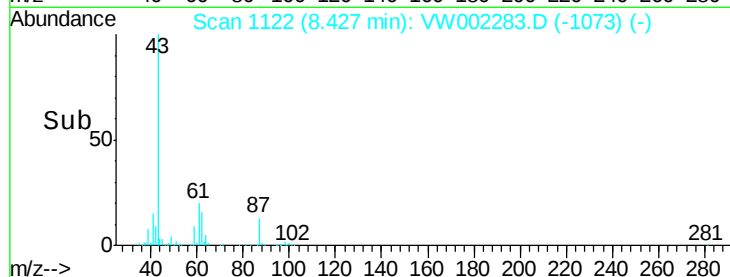
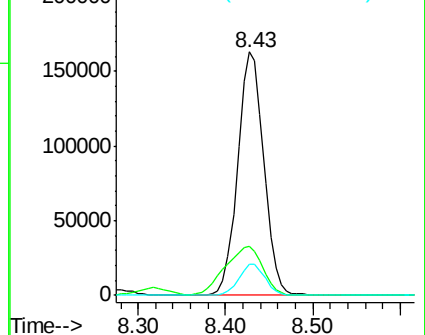
87 12.8 10.7 16.1



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: 90.62 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW002283.D

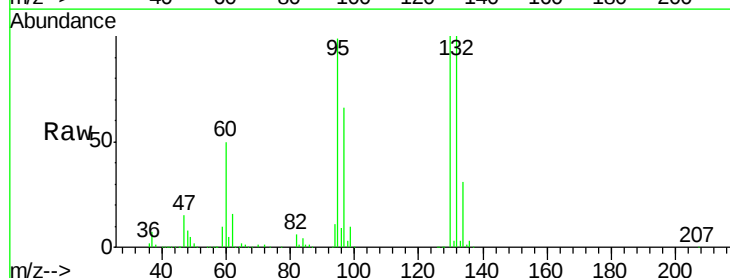
Acq: 08 May 2018 01:51

Tgt Ion: 130 Resp: 274822

Ion Ratio Lower Upper

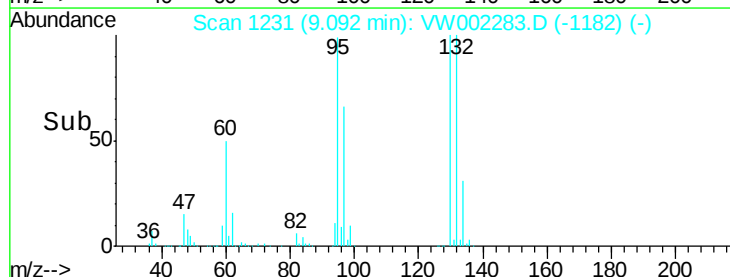
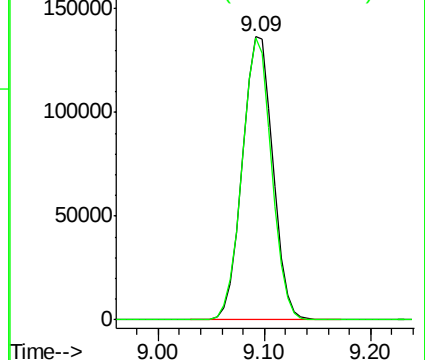
130 100

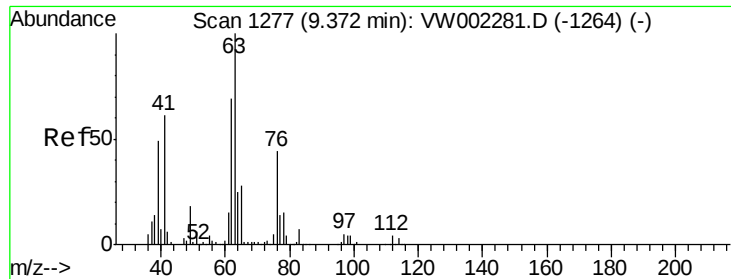
95 99.6 0.0 193.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

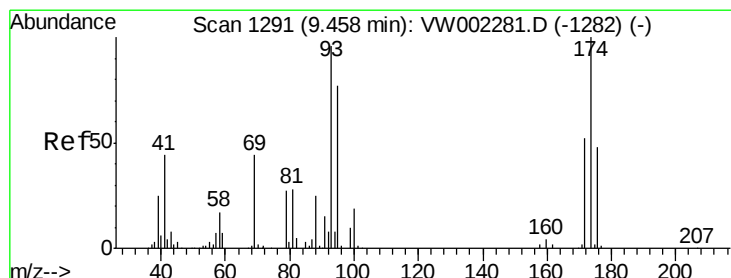
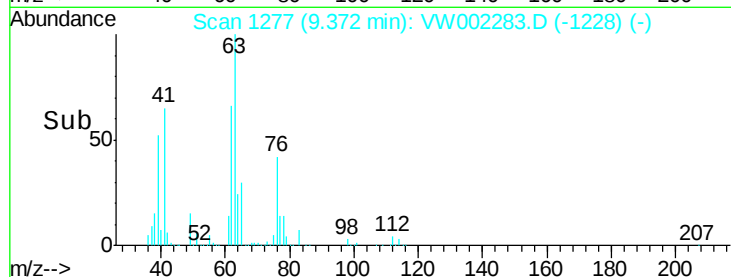
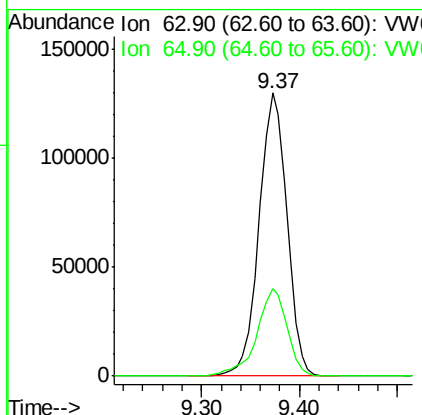
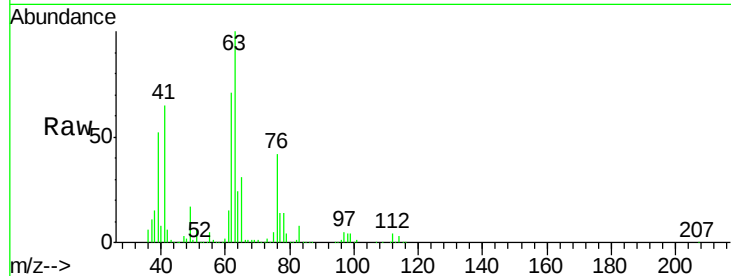




#45
 1,2-Dichloropropane
 Concen: 117.15 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

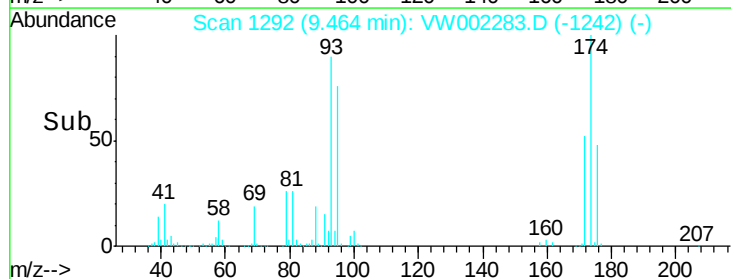
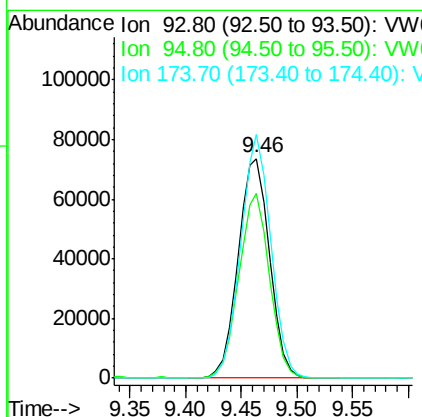
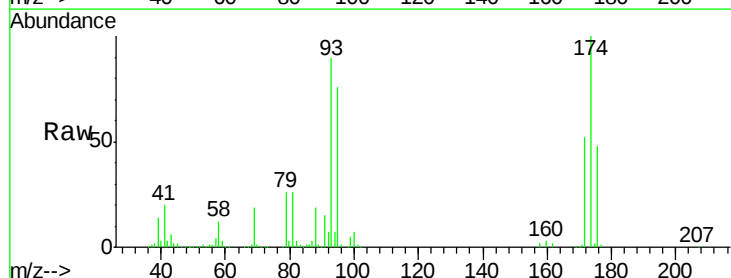
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

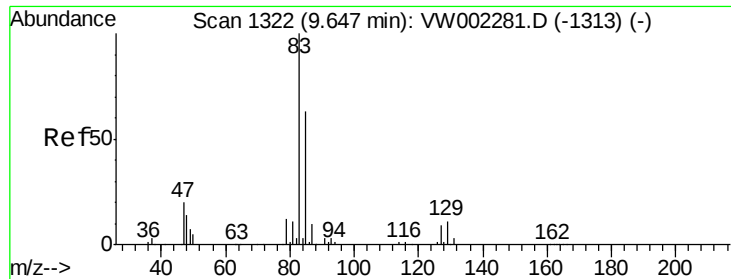
Tot Ion: 63 Resp: 256385
 Ion Ratio Lower Upper
 63 100
 65 31.0 22.9 34.3



#46
 Dibromomethane
 Concen: 115.65 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

Tgt Ion: 93 Resp: 144144
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.4 99.6
 174 106.6 86.8 130.2





#47

Bromodichloromethane

Concen: 104.15 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

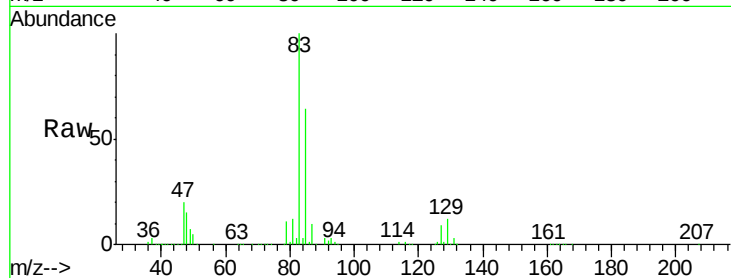
Tot Ion: 83 Resp: 347562

Ion Ratio Lower Upper

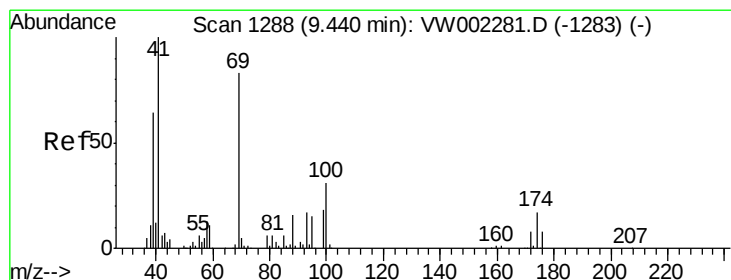
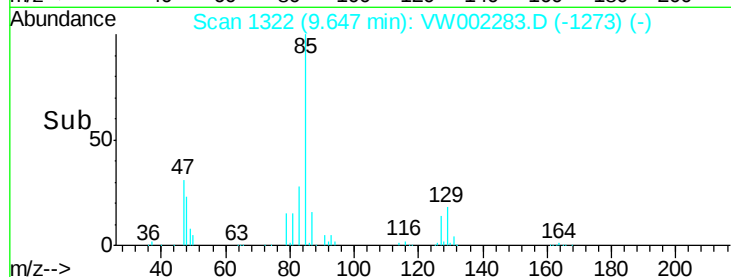
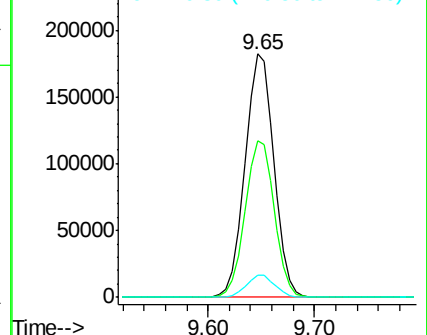
83 100

85 64.4 50.2 75.2

127 9.0 6.9 10.3



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



#48

Methyl methacrylate

Concen: 155.12 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

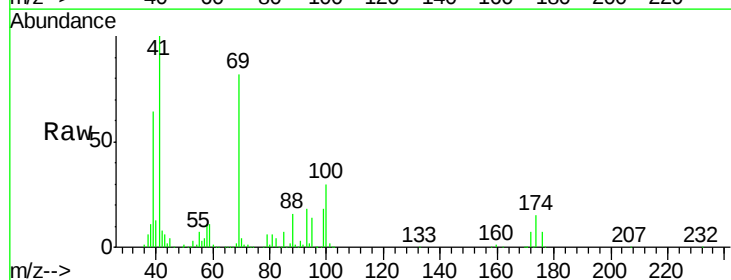
Tgt Ion: 41 Resp: 164625

Ion Ratio Lower Upper

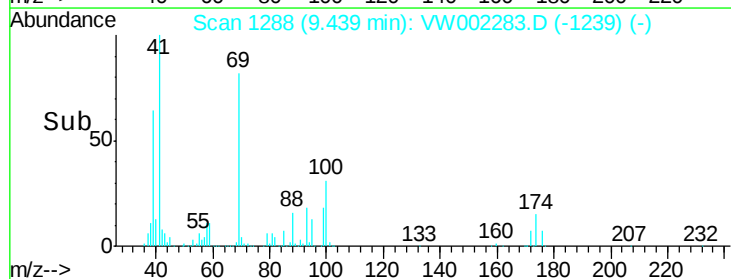
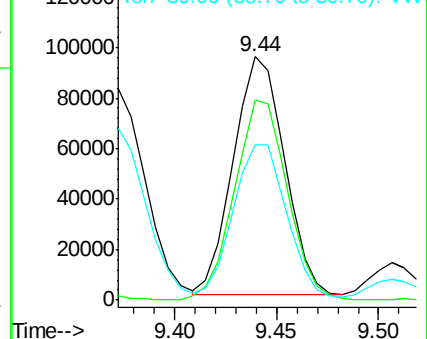
41 100

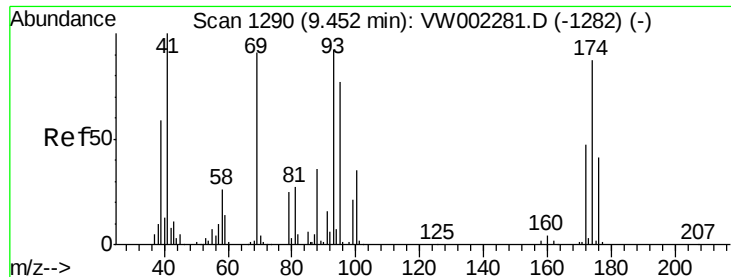
69 86.3 69.9 104.9

39 68.9 54.0 81.0



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: 2501.81 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

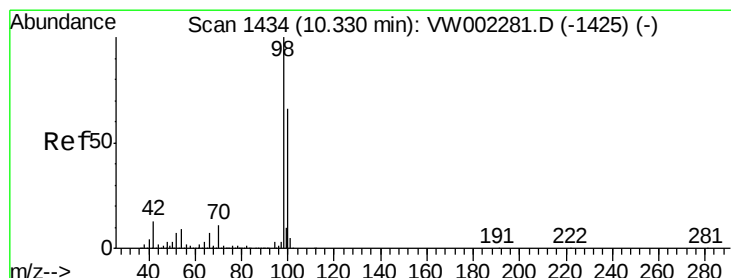
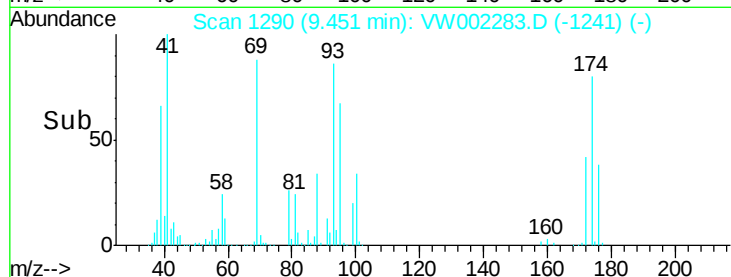
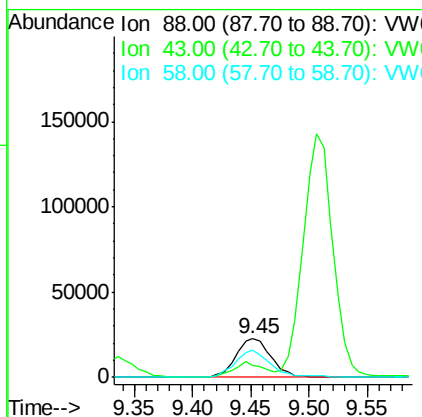
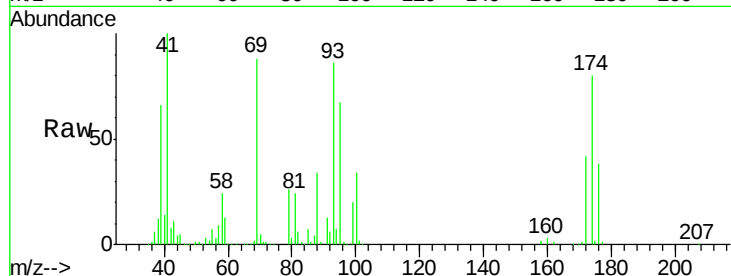
Tot Ion: 88 Resp: 47862

Ion Ratio Lower Upper

88 100

43 33.4 26.3 39.5

58 68.7 56.0 84.0



#50

Toluene-d8

Concen: 107.95 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002283.D

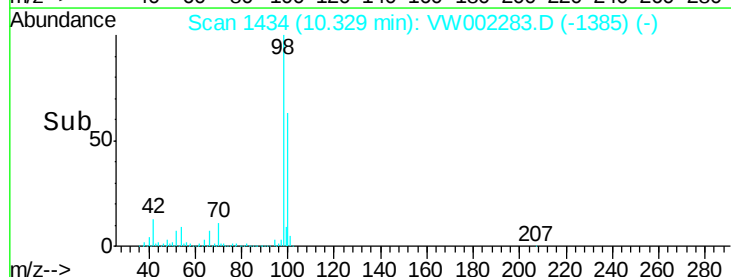
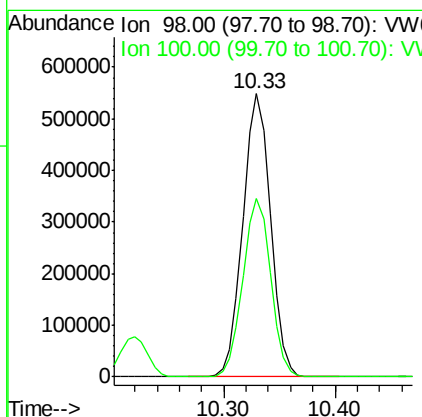
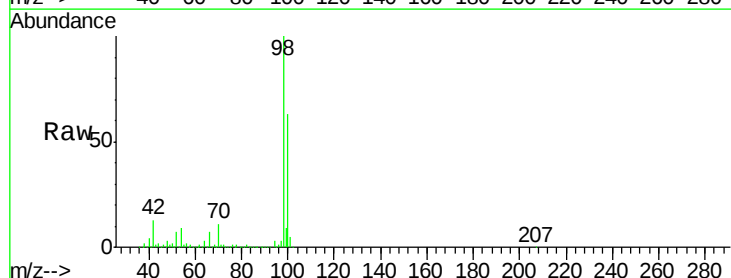
Acq: 08 May 2018 01:51

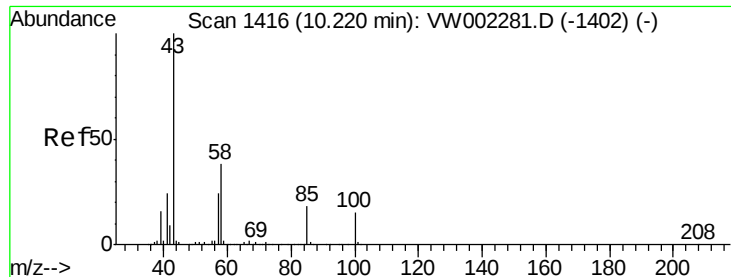
Tgt Ion: 98 Resp: 949964

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 834.88 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

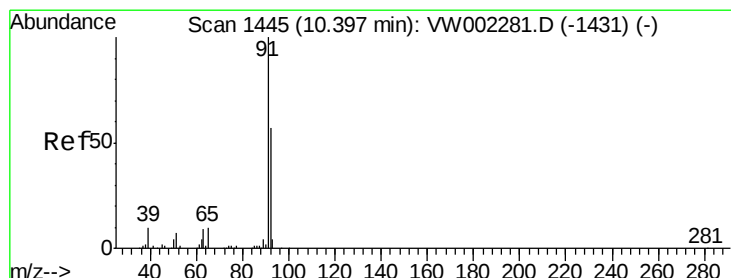
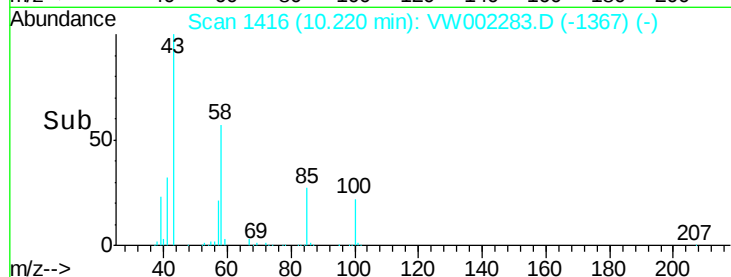
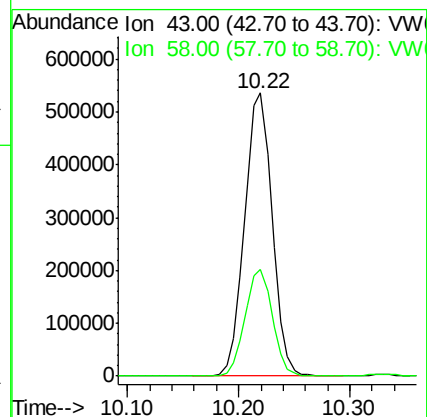
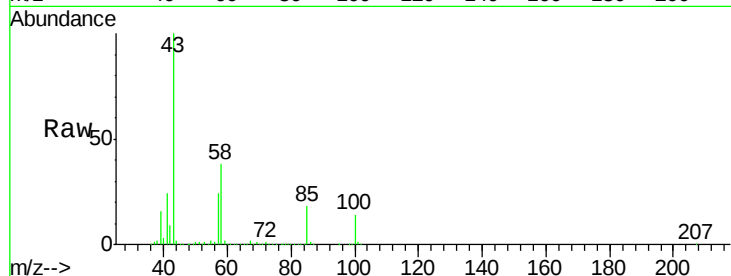
VSTDIC100

Tot Ion: 43 Resp: 920244

Ion Ratio Lower Upper

43 100

58 37.5 30.2 45.2



#52

Toluene

Concen: 103.43 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW002283.D

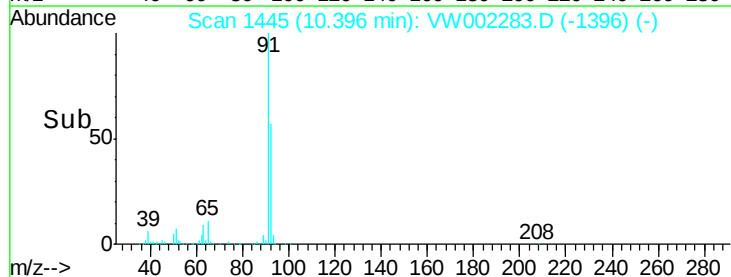
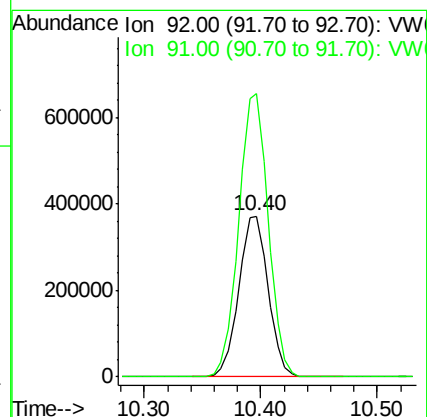
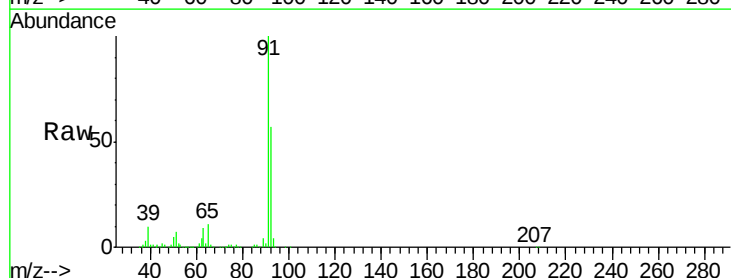
Acq: 08 May 2018 01:51

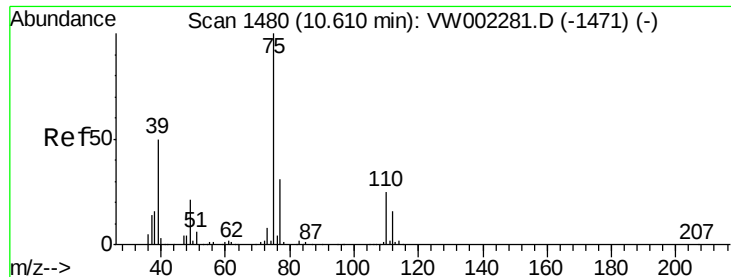
Tgt Ion: 92 Resp: 655240

Ion Ratio Lower Upper

92 100

91 176.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 117.29 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

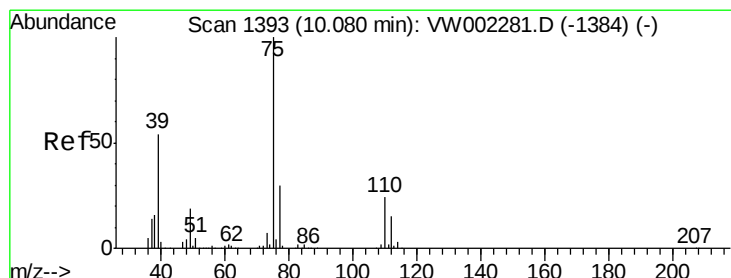
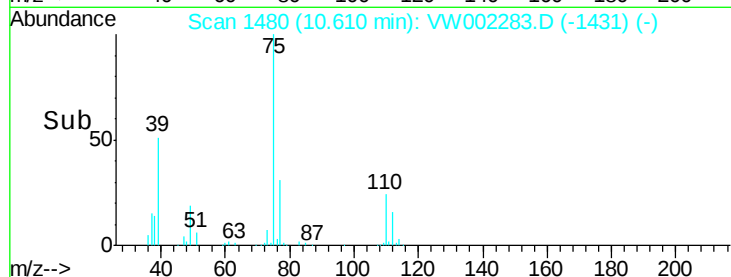
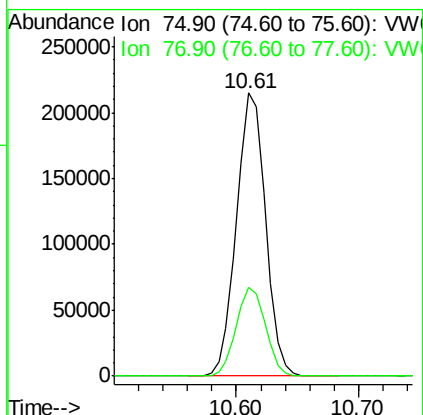
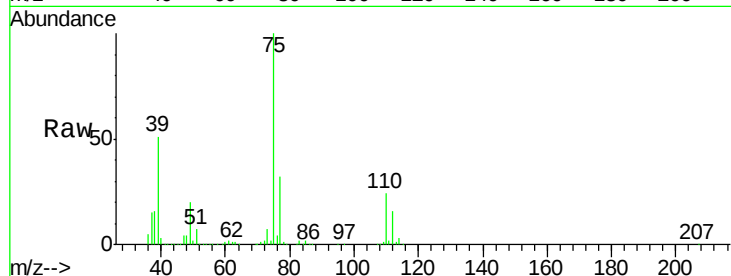
VSTDIC100

Tot Ion: 75 Resp: 353509

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 114.40 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

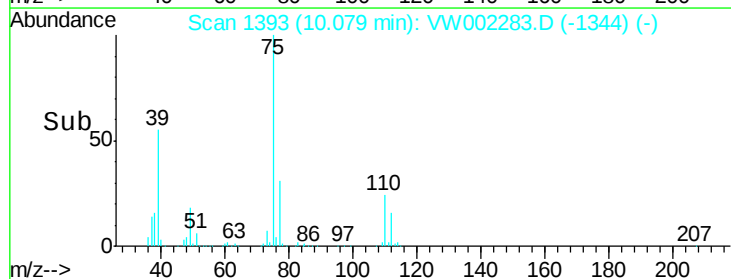
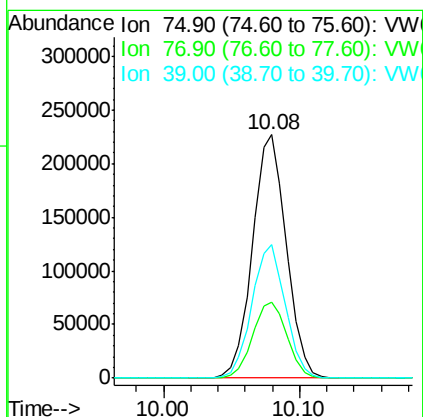
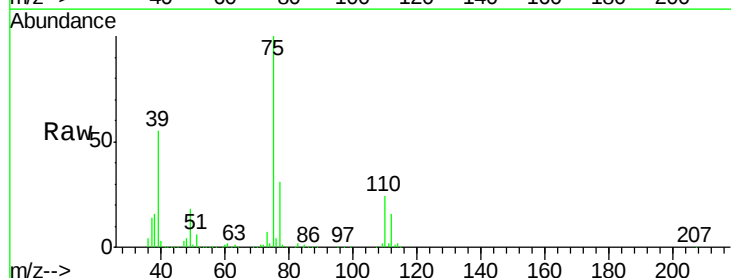
Tgt Ion: 75 Resp: 395365

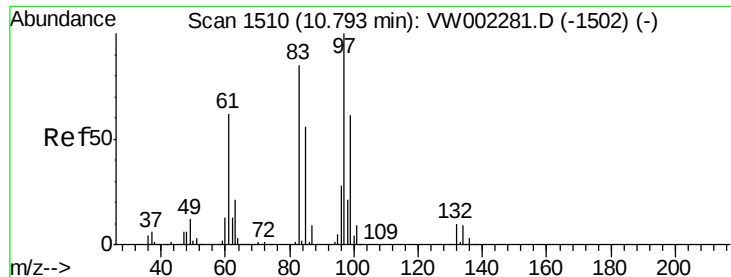
Ion Ratio Lower Upper

75 100

77 31.3 23.9 35.9

39 54.9 43.2 64.8

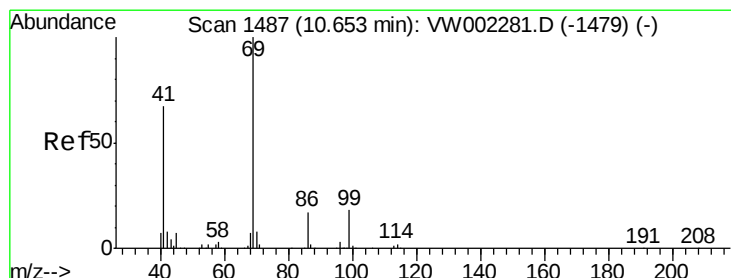
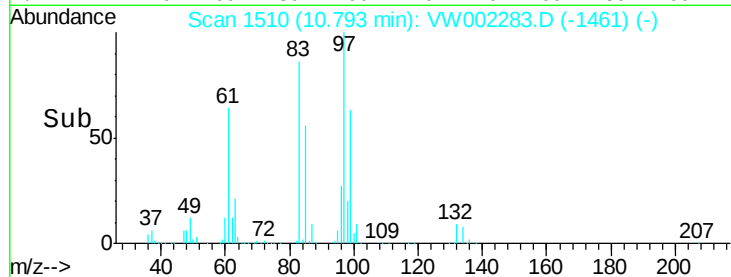
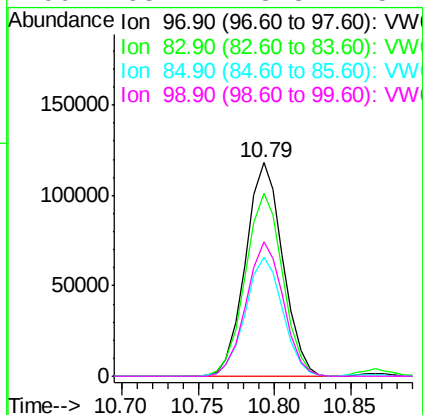
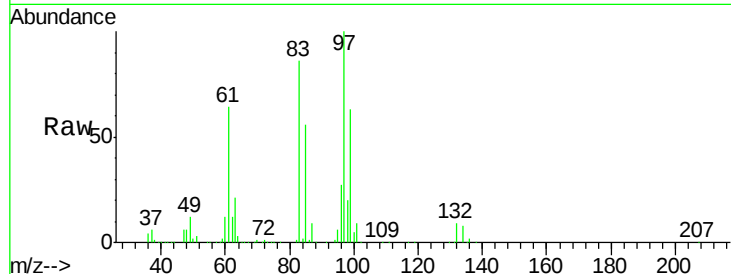




#55
 1,1,2-Trichloroethane
 Concen: 109.63 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

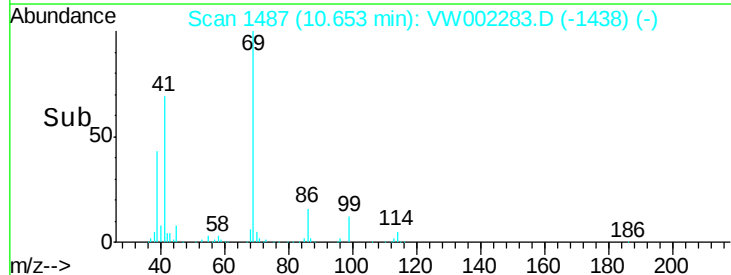
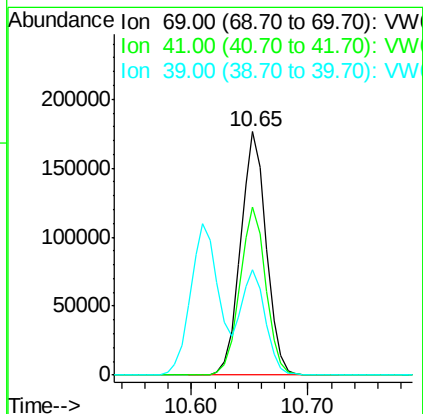
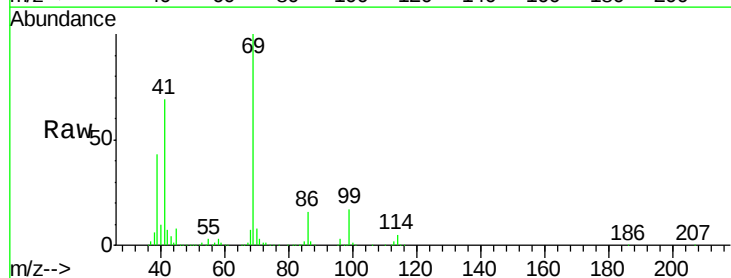
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

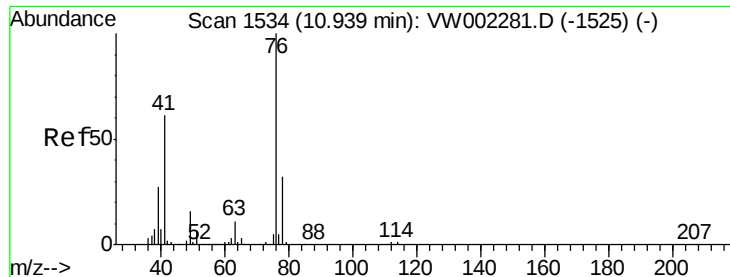
Tot Ion:	97	Resp:	200529
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.4	102.6
85	55.7	44.6	67.0
99	63.1	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 143.11 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

Tgt Ion:	69	Resp:	270823
Ion	Ratio	Lower	Upper
69	100		
41	70.3	56.0	84.0
39	40.9	32.7	49.1





#57

1,3-Dichloropropane

Concen: 119.62 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

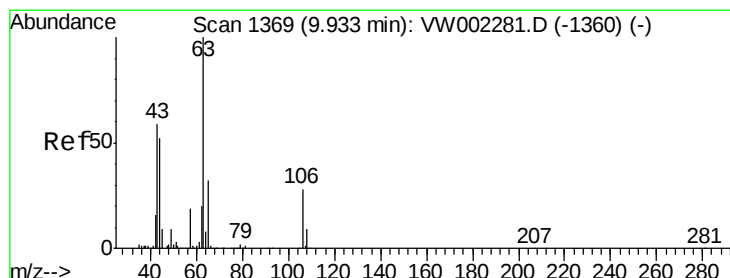
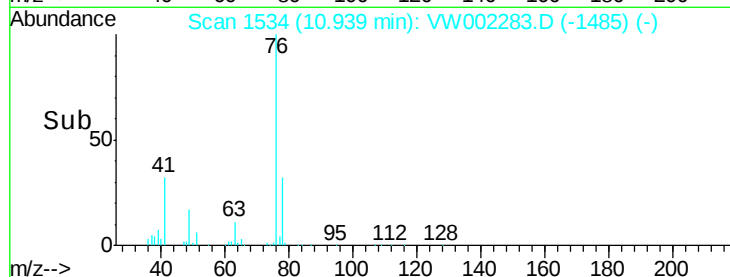
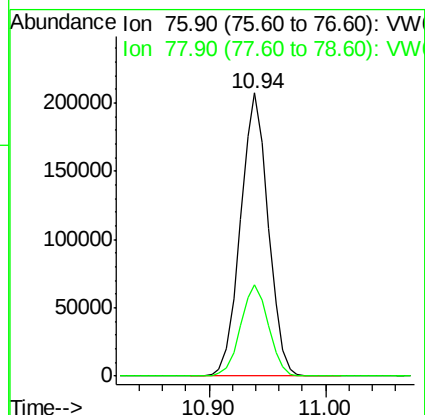
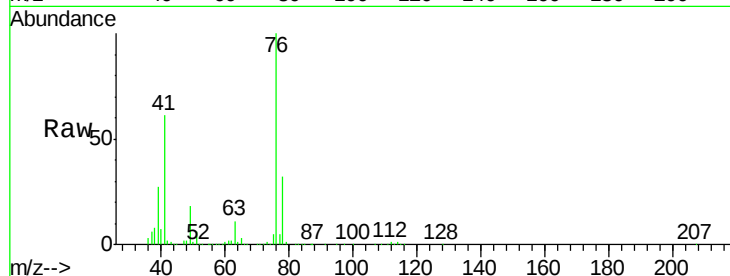
VSTDIC100

Tot Ion: 76 Resp: 342719

Ion Ratio Lower Upper

76 100

78 32.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 775.42 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.01 min

Lab File: VW002283.D

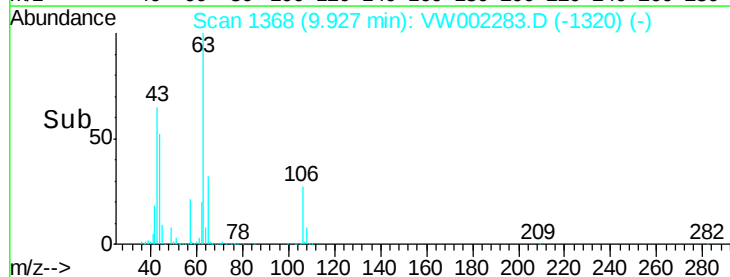
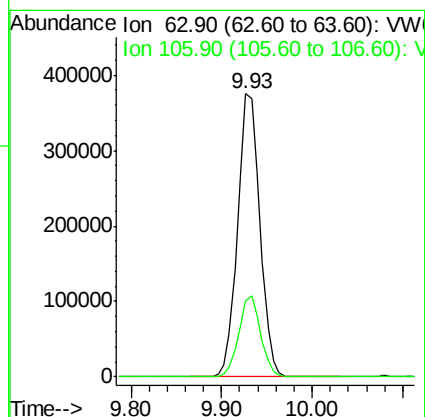
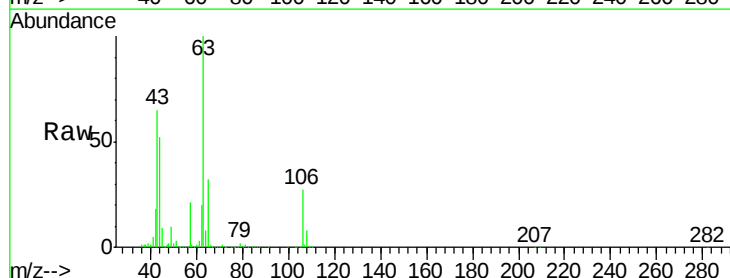
Acq: 08 May 2018 01:51

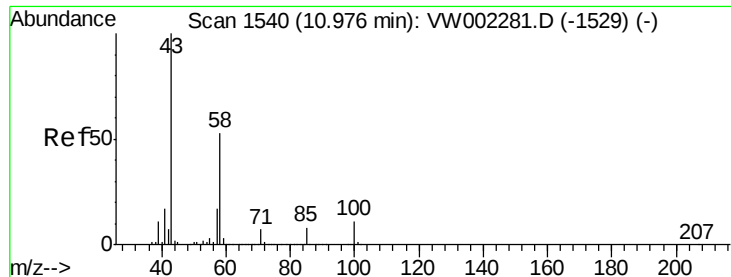
Tgt Ion: 63 Resp: 638856

Ion Ratio Lower Upper

63 100

106 27.9 22.5 33.7

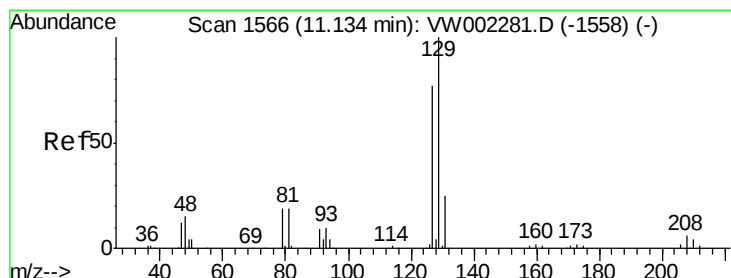
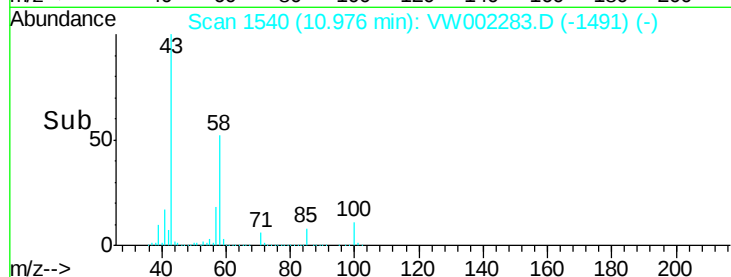
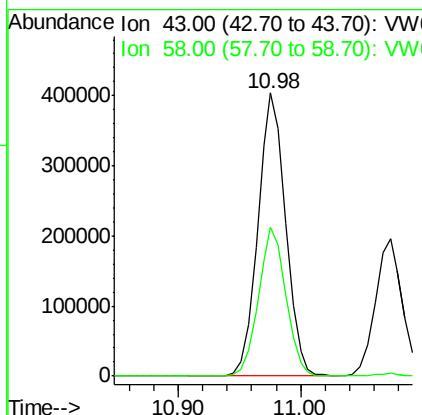
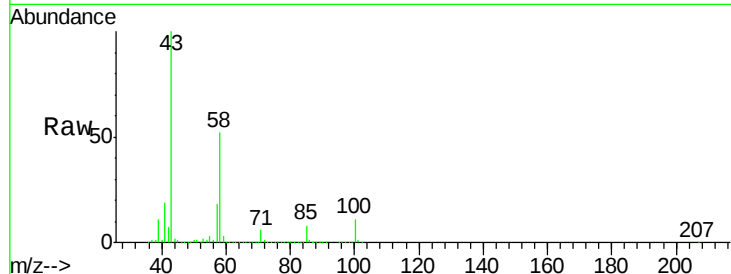




#59
2-Hexanone
Concen: 805.29 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

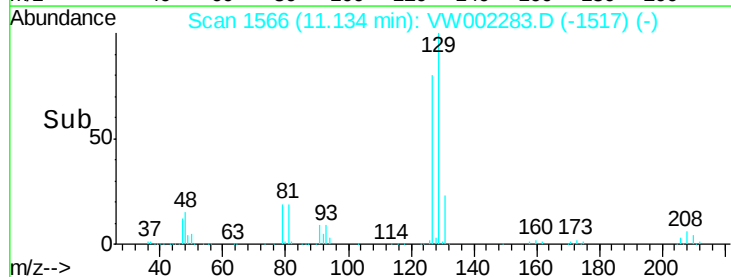
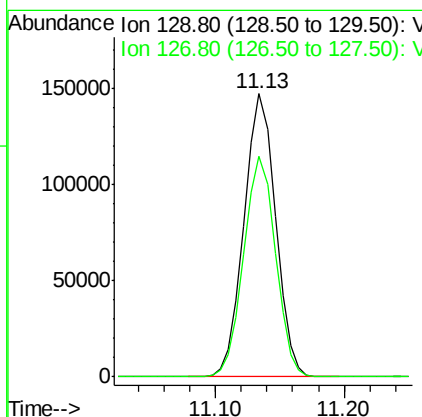
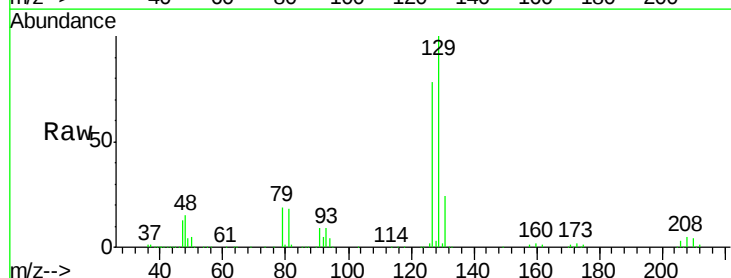
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

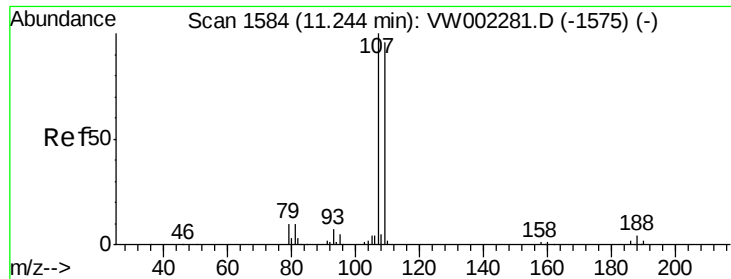
Tot Ion: 43 Resp: 636344
Ion Ratio Lower Upper
43 100
58 52.0 26.0 78.0



#60
Dibromochloromethane
Concen: 101.78 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

Tgt Ion: 129 Resp: 250458
Ion Ratio Lower Upper
129 100
127 78.3 39.0 116.9





#61

1,2-Dibromoethane

Concen: 116.07 ug/l

RT: 11.24 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

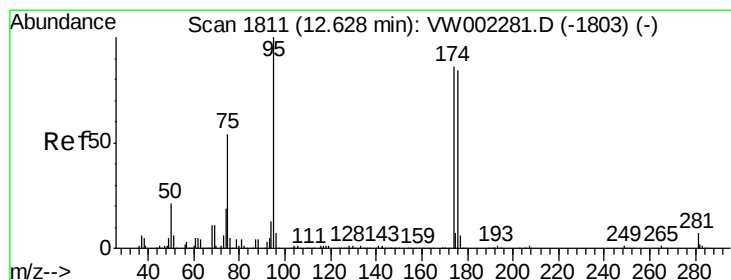
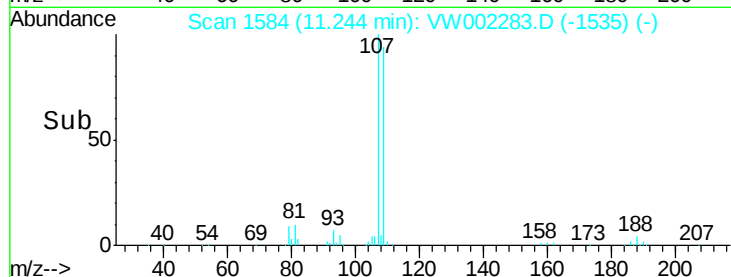
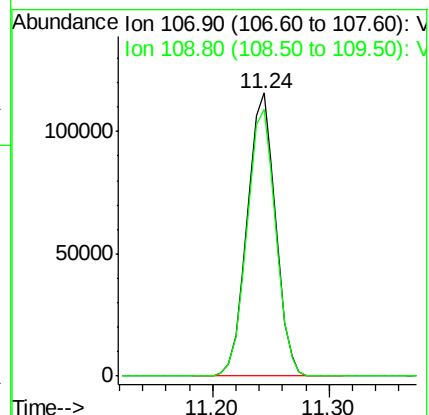
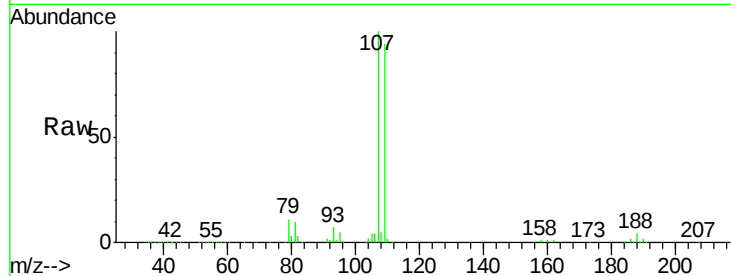
VSTDIC100

Tot Ion:107 Resp: 196859

Ion Ratio Lower Upper

107 100

109 95.7 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 101.54 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

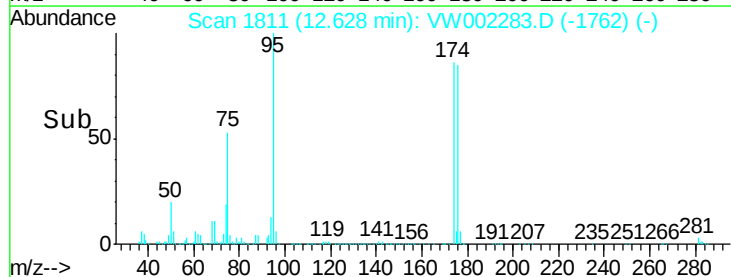
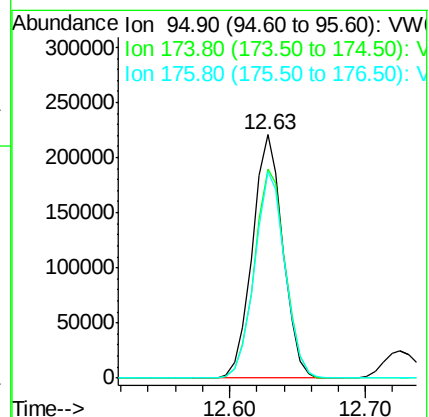
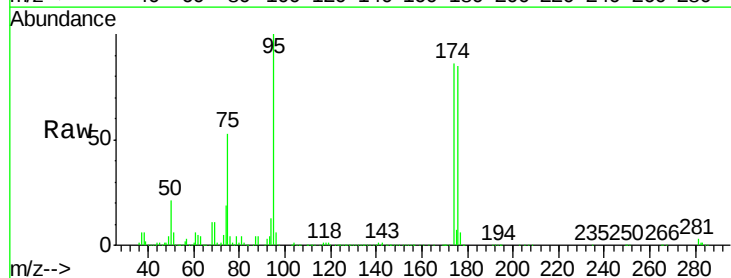
Tgt Ion: 95 Resp: 346489

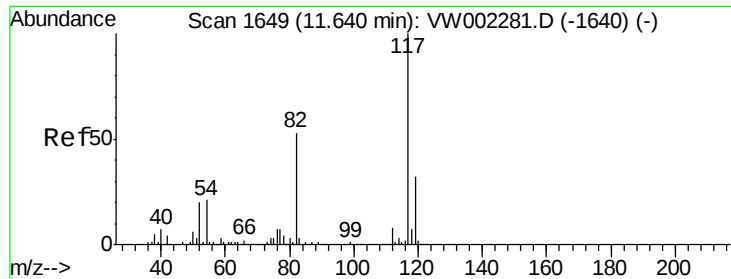
Ion Ratio Lower Upper

95 100

174 87.1 0.0 176.8

176 84.9 0.0 170.4

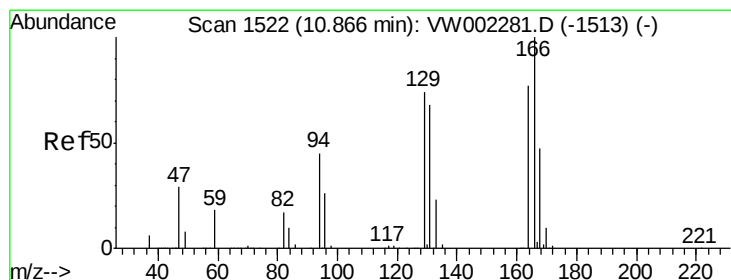
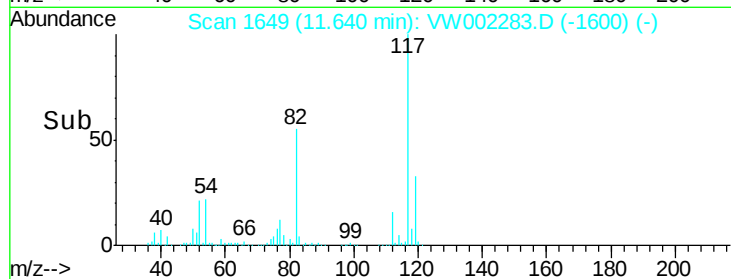
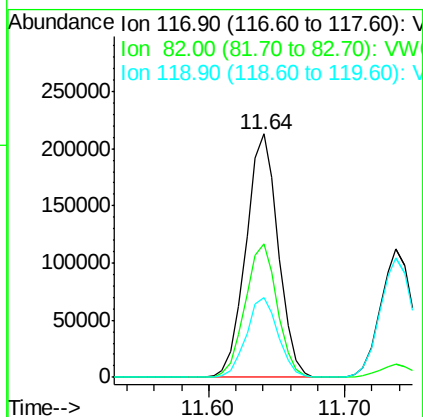
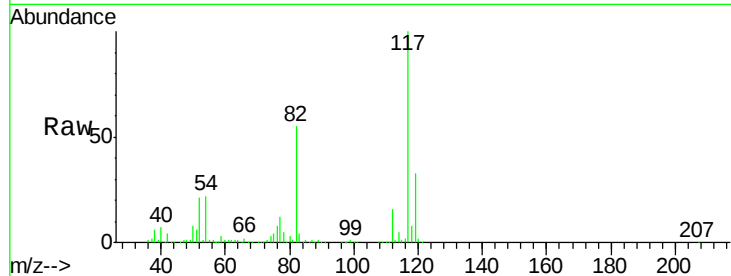




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

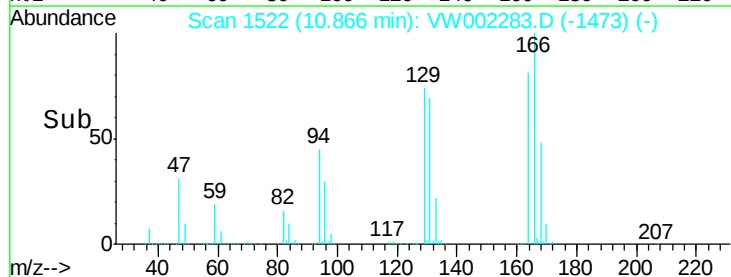
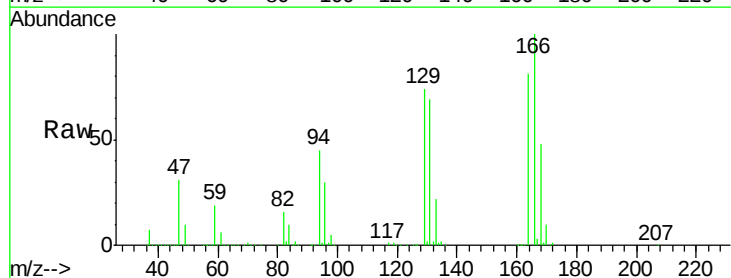
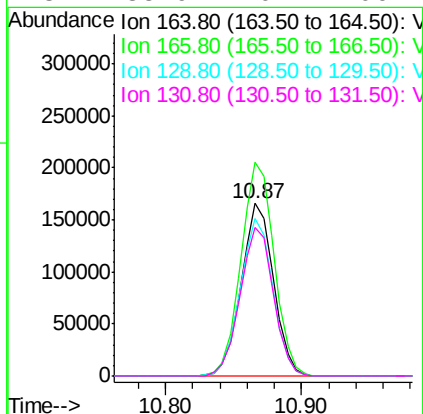
Instrument :
MSVOA_W
ClientSampled :
VSTDICC100

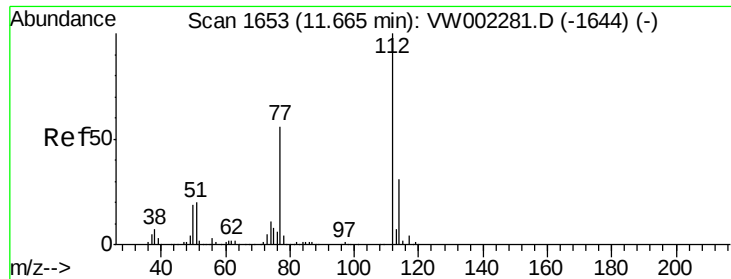
Tot Ion:117 Resp: 352951
Ion Ratio Lower Upper
117 100
82 55.0 42.6 63.8
119 32.8 25.2 37.8



#64
Tetrachloroethene
Concen: 91.31 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

Tgt Ion:164 Resp: 274571
Ion Ratio Lower Upper
164 100
166 123.9 103.3 154.9
129 91.6 76.6 114.8
131 85.9 70.7 106.1

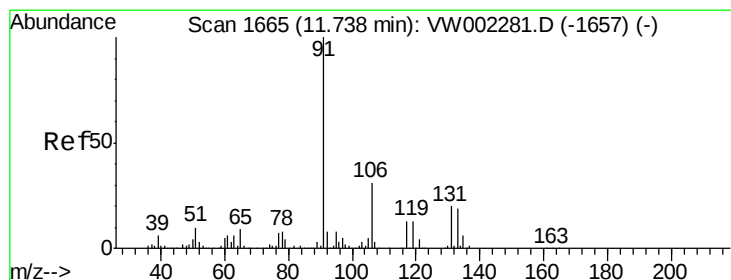
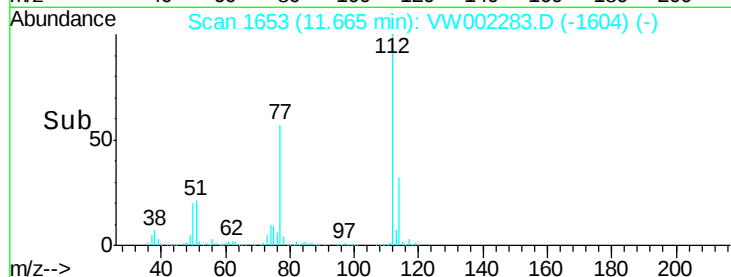
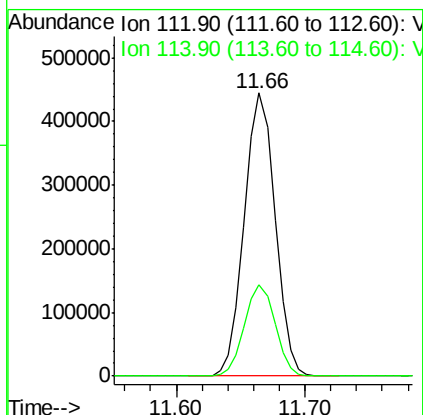
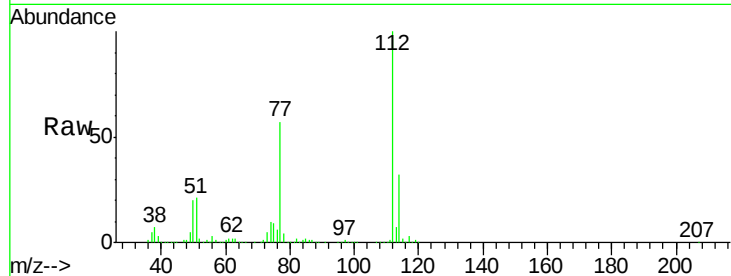




#65
Chlorobenzene
Concen: 98.11 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

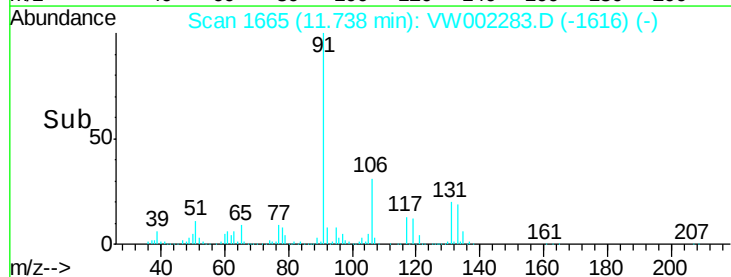
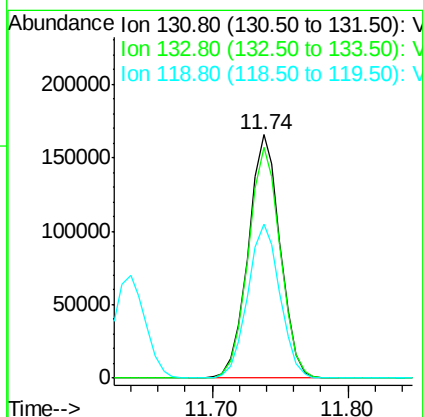
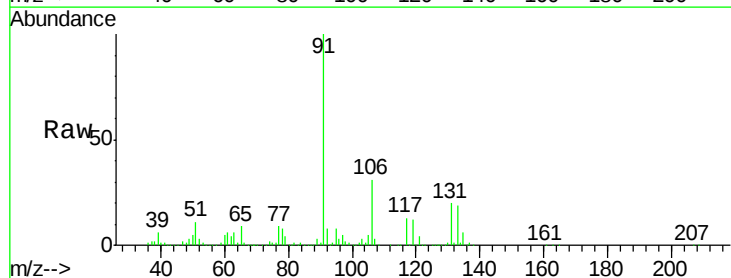
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

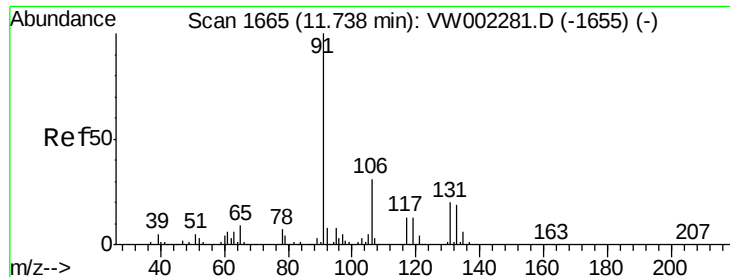
Tot Ion:112 Resp: 735575
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 95.69 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

Tgt Ion:131 Resp: 271952
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 63.9 32.0 96.0

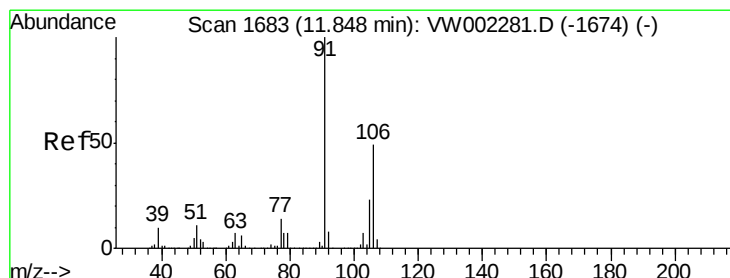
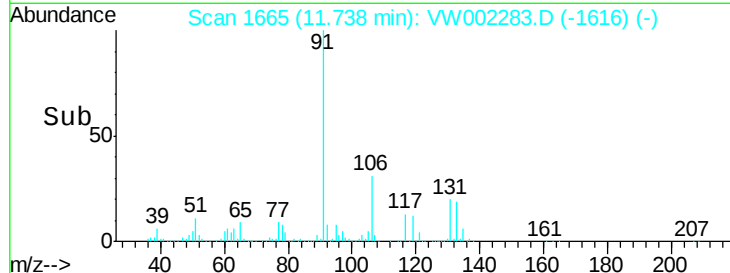
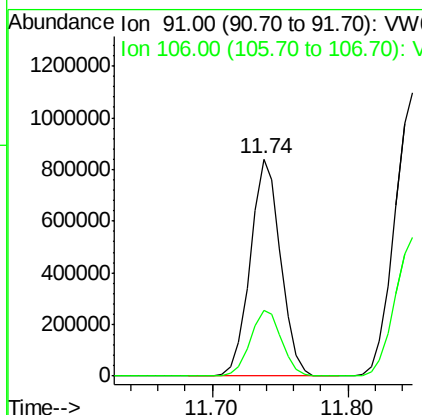
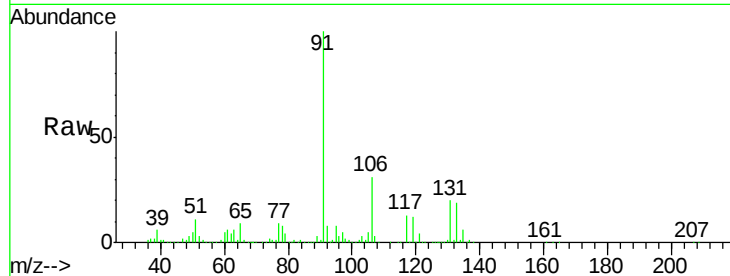




#67
Ethyl Benzene
Concen: 107.28 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

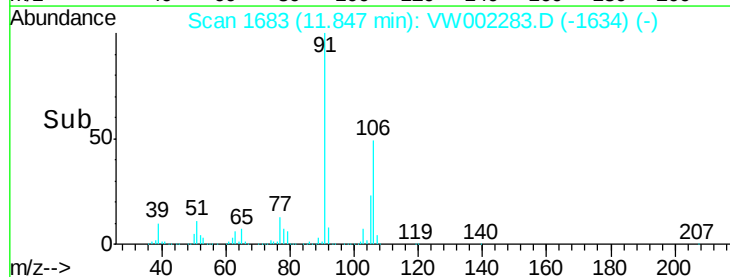
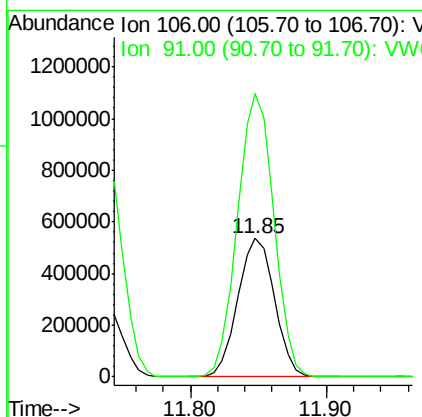
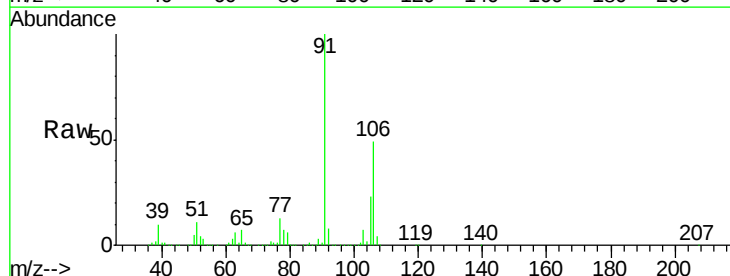
Instrument :
MSVOA_W
ClientSampleID :
VSTDIC100

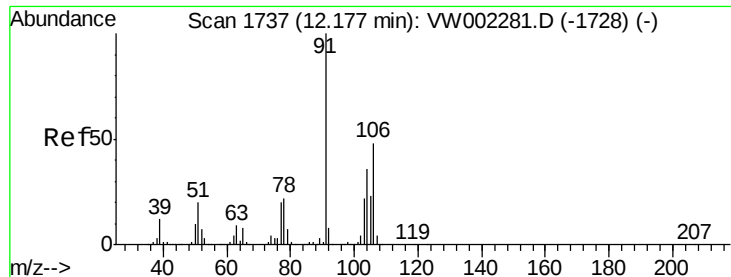
Tot Ion: 91 Resp: 1313159
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3



#68
m/p-Xylenes
Concen: 204.72 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

Tgt Ion: 106 Resp: 1008610
Ion Ratio Lower Upper
106 100
91 203.2 161.4 242.0

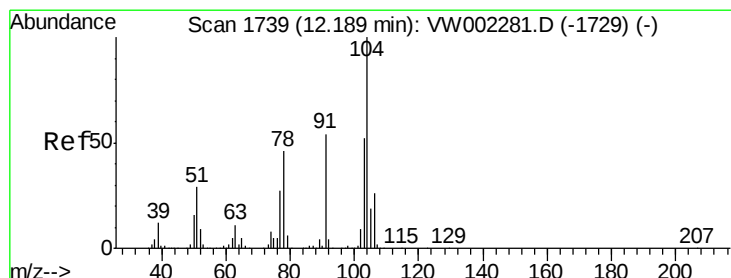
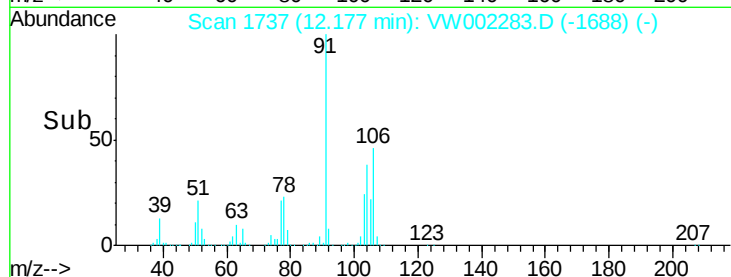
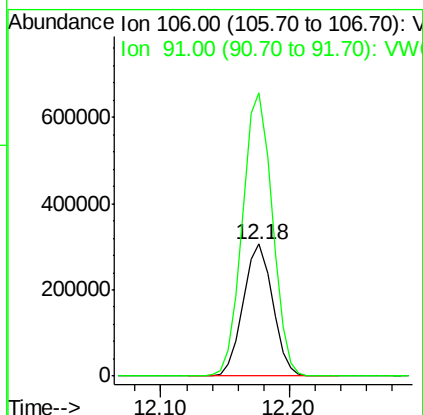
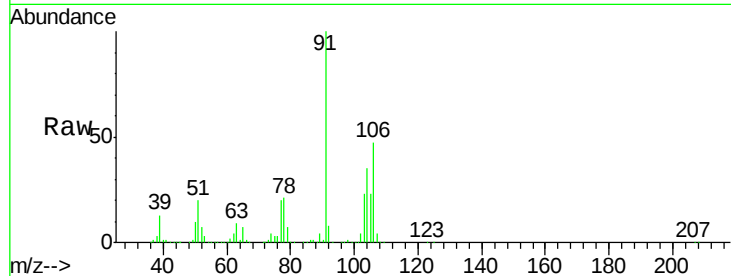




#69
o-Xylene
Concen: 109.29 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

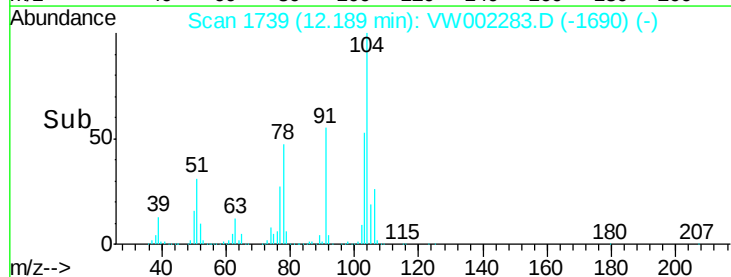
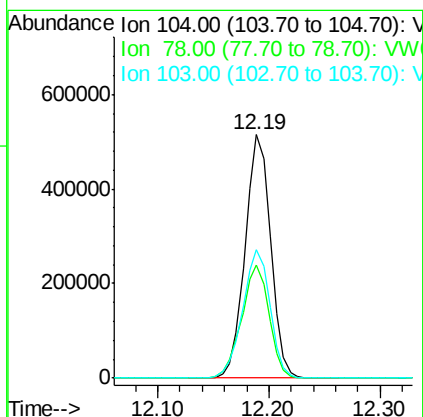
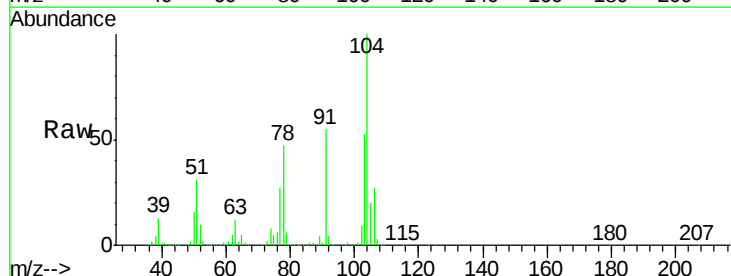
Instrument :
MSVOA_W
ClientSampled :
VSTDIC100

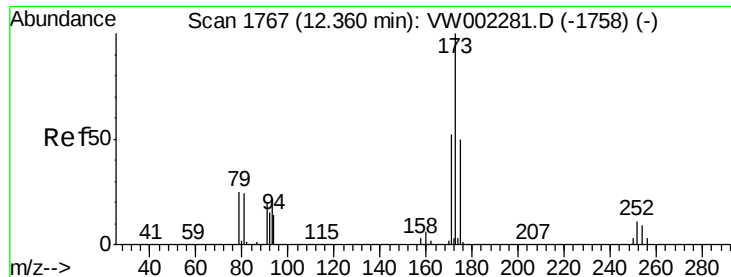
Tot Ion:106 Resp: 484702
Ion Ratio Lower Upper
106 100
91 216.5 107.1 321.1



#70
Styrene
Concen: 111.19 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

Tgt Ion:104 Resp: 821128
Ion Ratio Lower Upper
104 100
78 50.1 39.6 59.4
103 56.3 44.4 66.6

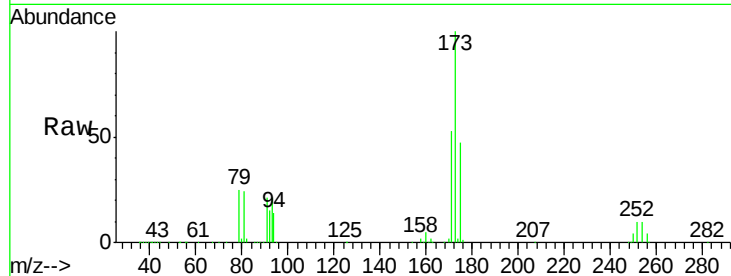




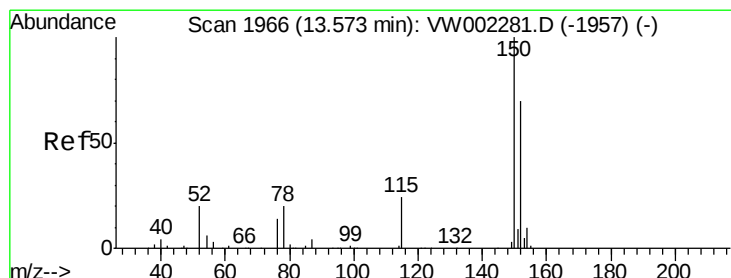
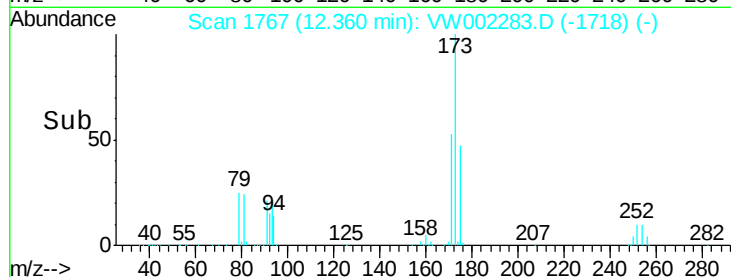
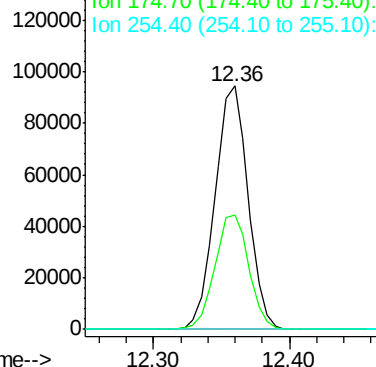
#71
Bromoform
Concen: 102.51 ug/l
RT: 12.36 min Scan# 1767
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:173 Resp: 160353
Ion Ratio Lower Upper
173 100
175 48.2 24.3 72.9
254 0.1 0.1 0.1

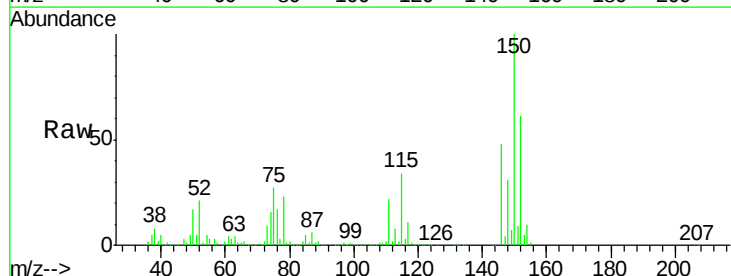


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

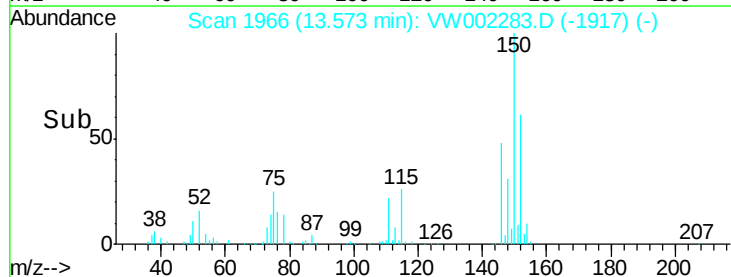
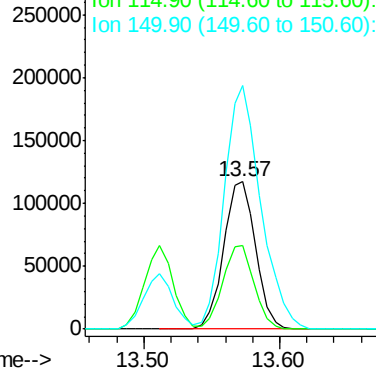


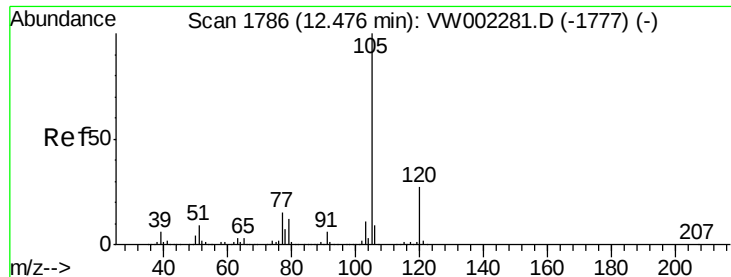
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

Tgt Ion:152 Resp: 193099
Ion Ratio Lower Upper
152 100
115 55.8 28.5 85.5
150 188.2 0.0 342.6



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





#73

Isopropylbenzene

Concen: 111.52 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

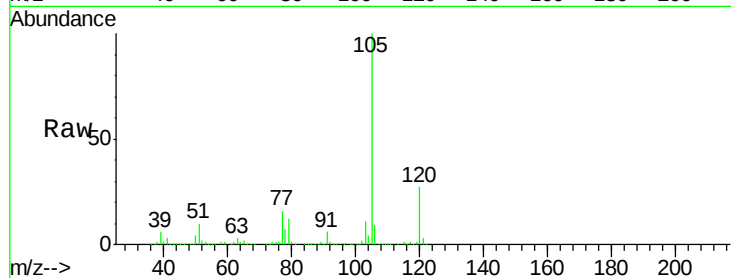
VSTDIC100

Tot Ion:105 Resp: 1332033

Ion Ratio Lower Upper

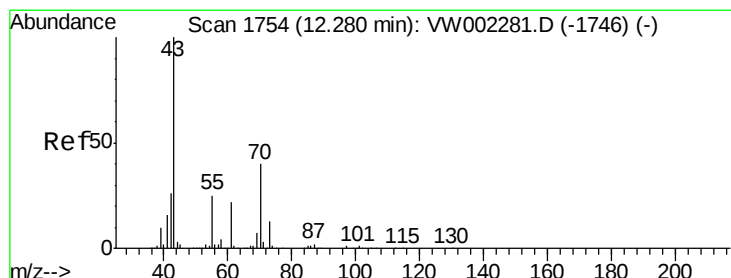
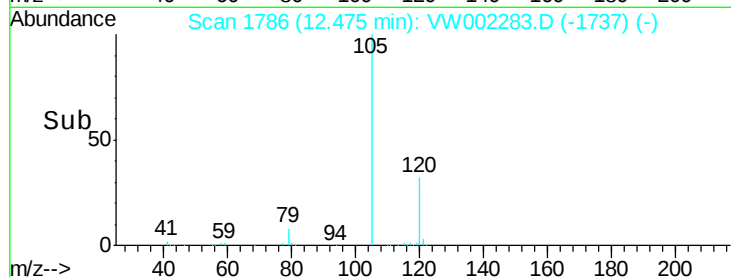
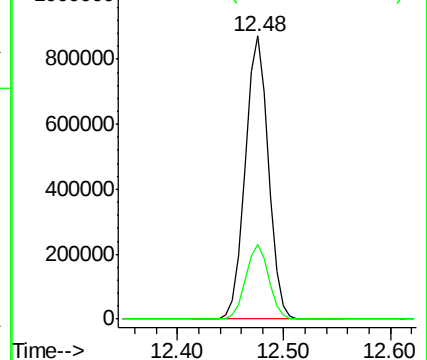
105 100

120 26.4 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: 178.85 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Tgt Ion: 43 Resp: 346145

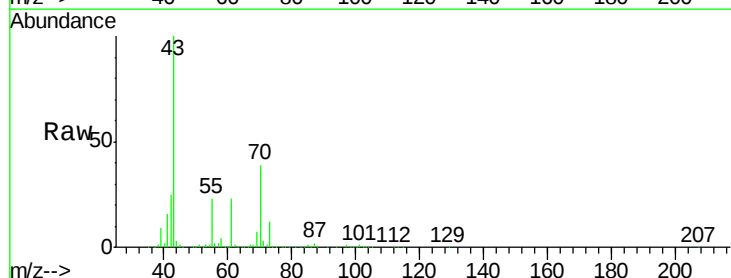
Ion Ratio Lower Upper

43 100

70 40.2 31.9 47.9

55 23.6 19.9 29.9

61 23.2 18.2 27.2

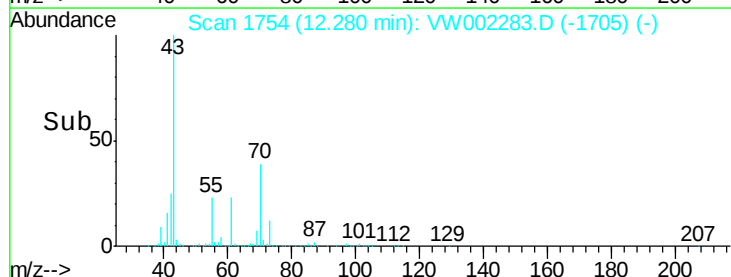
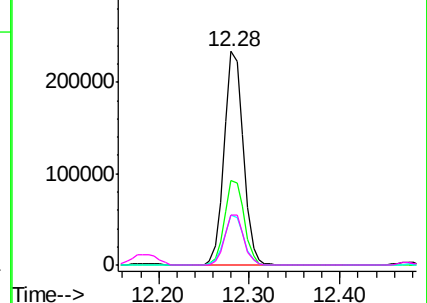


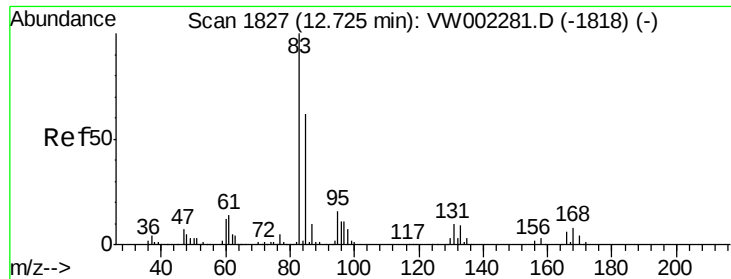
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

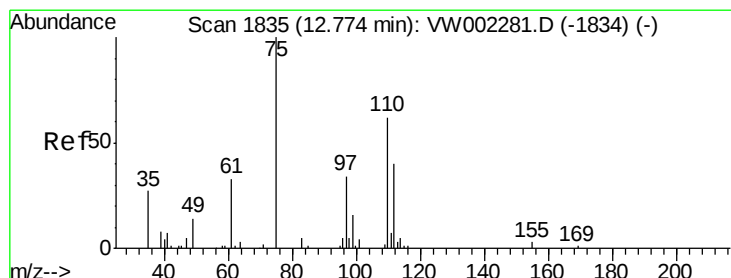
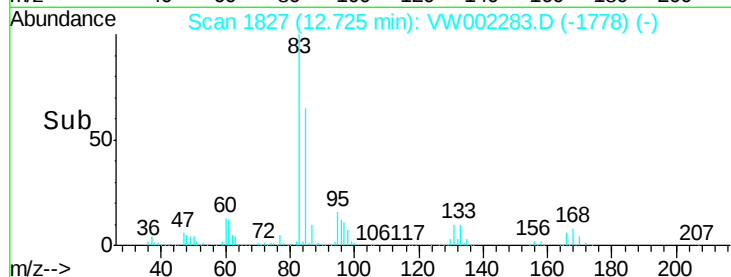
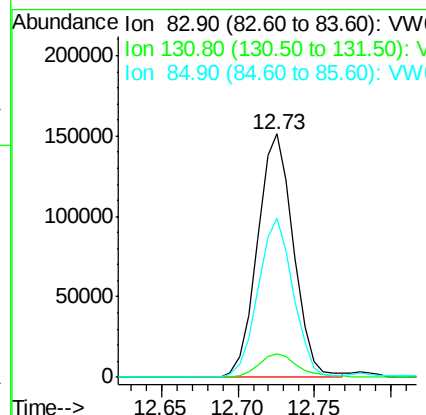
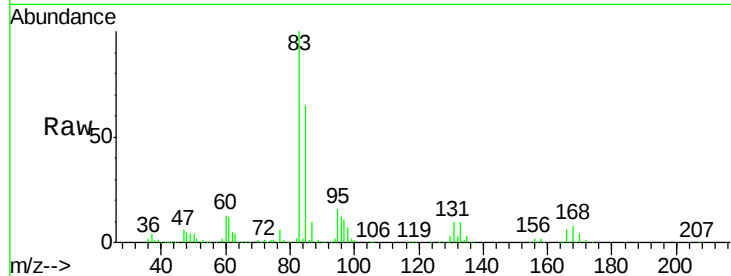




#75
 1,1,2,2-Tetrachloroethane
 Concen: 136.22 ug/l
 RT: 12.73 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

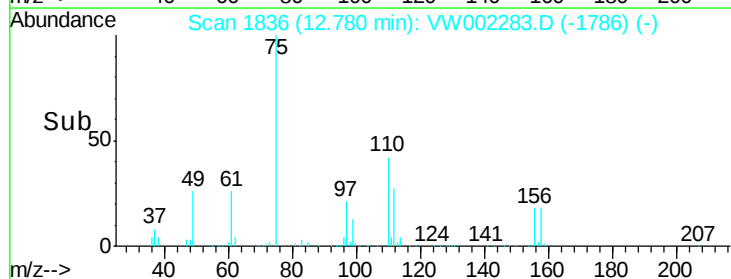
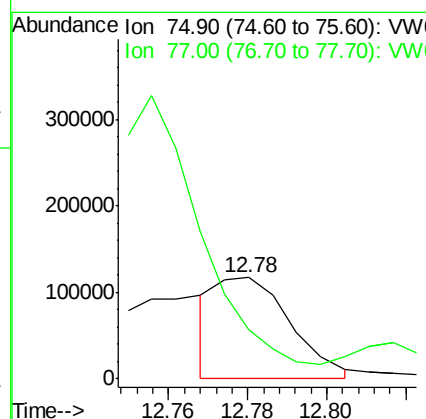
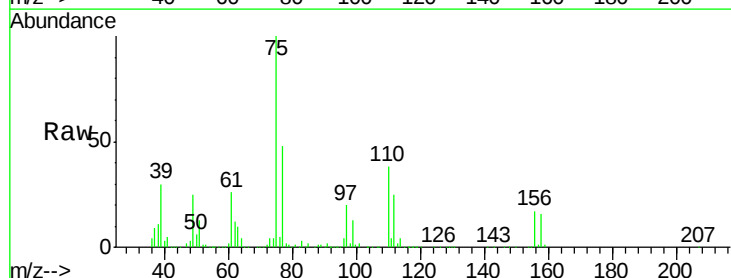
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

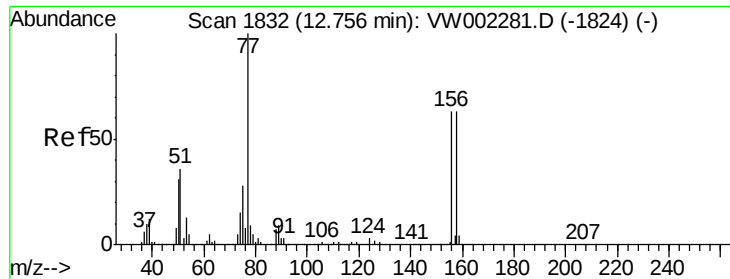
Tot Ion	83	Resp	247771
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.5	16.5
85	63.8	31.5	94.5



#76
 1,2,3-Trichloropropane
 Concen: 117.26 ug/l m
 RT: 12.78 min Scan# 1836
 Delta R.T. 0.01 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

Tgt Ion	75	Resp	153271
Ion Ratio	Lower	Upper	
75	100		
77	0.0	187.5	562.6#

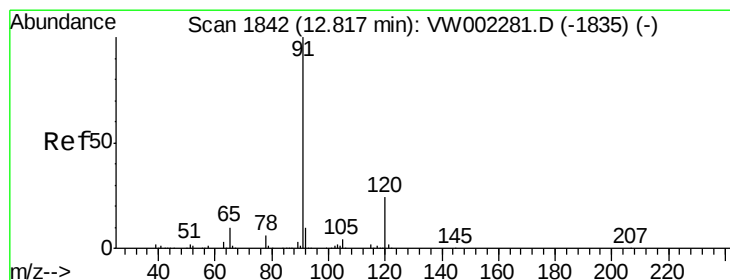
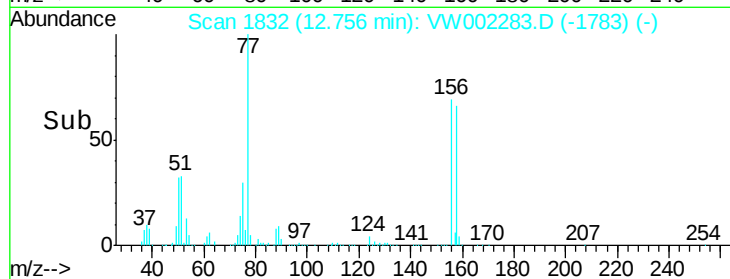
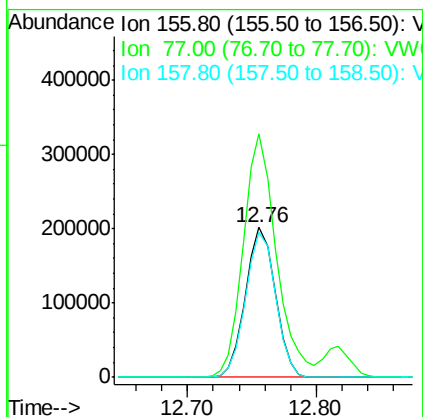
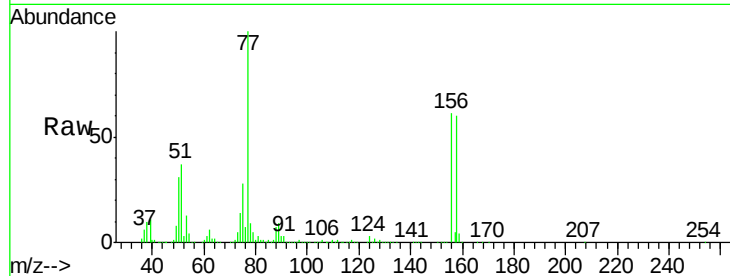




#77
Bromobenzene
Concen: 103.22 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

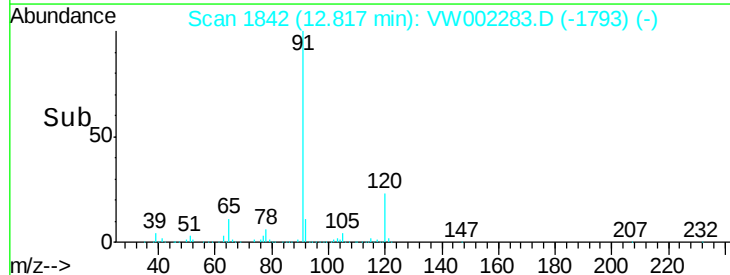
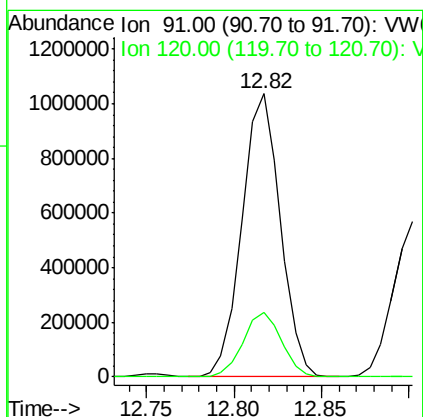
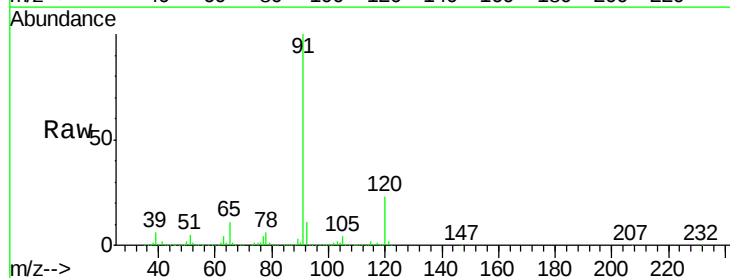
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

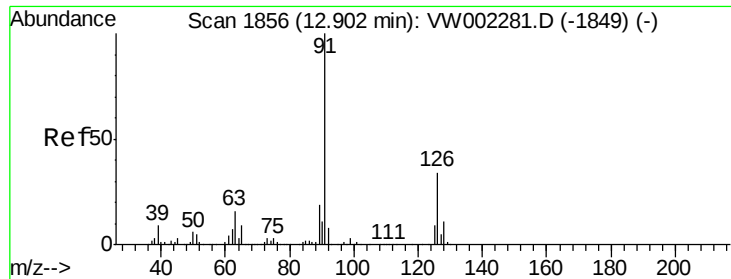
Tot Ion:156 Resp: 322526
Ion Ratio Lower Upper
156 100
77 179.7 87.7 263.1
158 97.3 48.6 145.8



#78
n-propylbenzene
Concen: 113.00 ug/l
RT: 12.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

Tgt Ion: 91 Resp: 1577857
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5

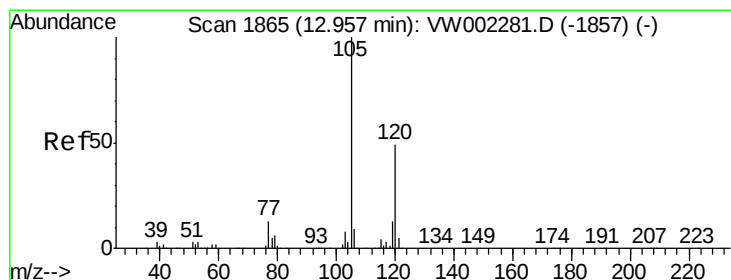
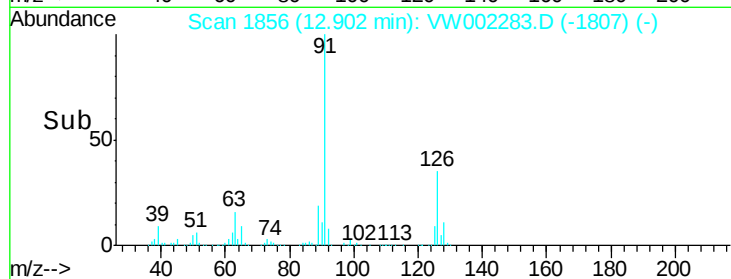
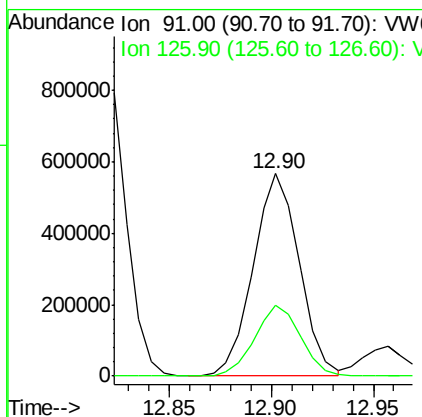
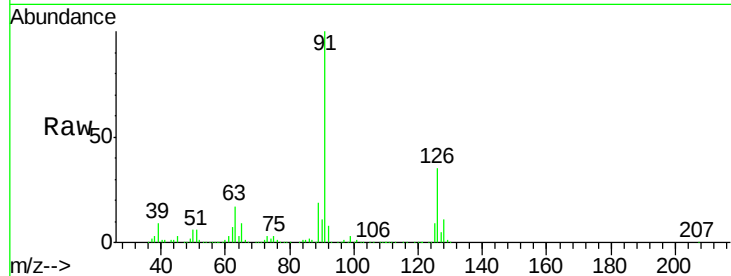




#79
 2-Chlorotoluene
 Concen: 108.71 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

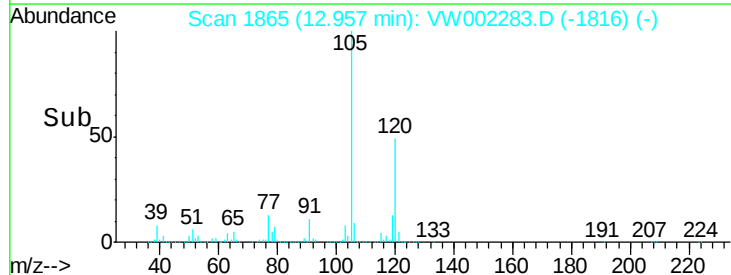
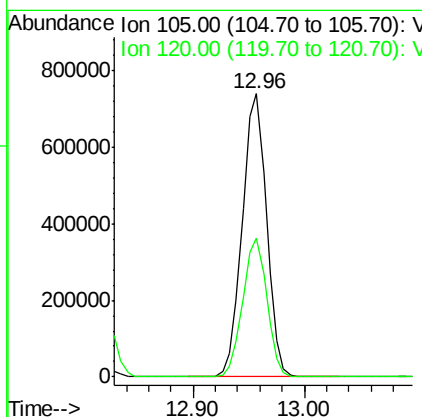
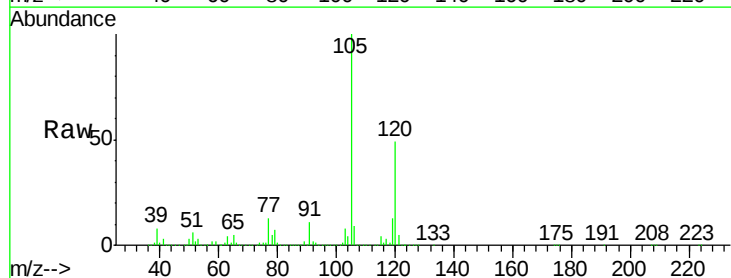
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

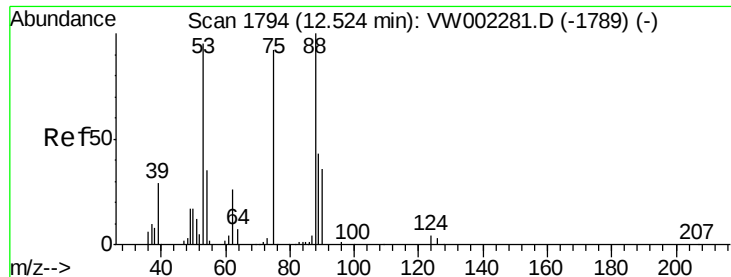
Tot Ion: 91 Resp: 891349
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 107.27 ug/l
 RT: 12.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

Tgt Ion:105 Resp: 1118437
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 148.08 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

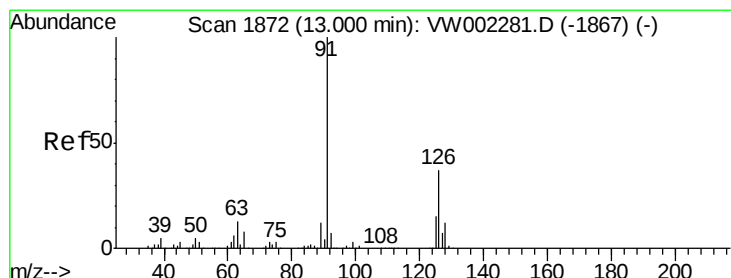
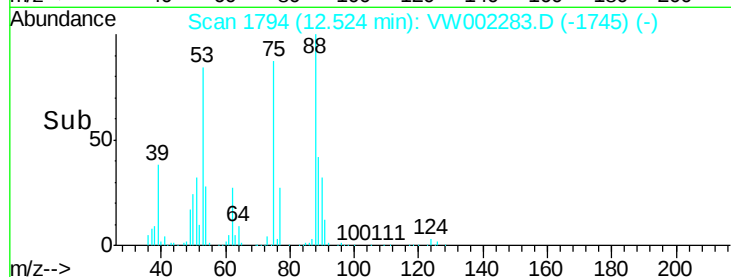
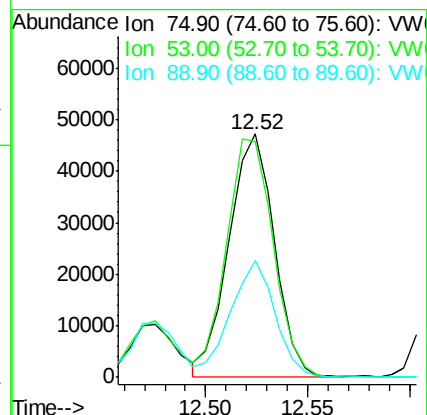
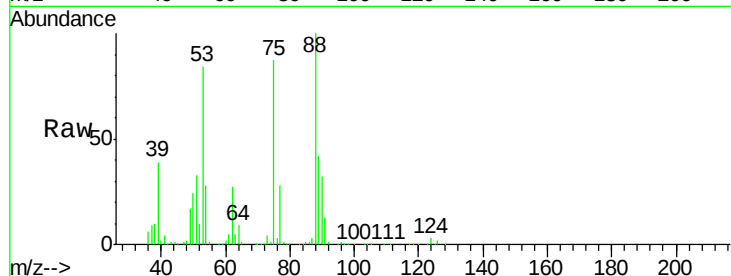
Tot Ion: 75 Resp: 72021

Ion Ratio Lower Upper

75 100

53 102.7 79.9 119.9

89 47.7 37.6 56.4



#82

4-Chlorotoluene

Concen: 102.89 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VW002283.D

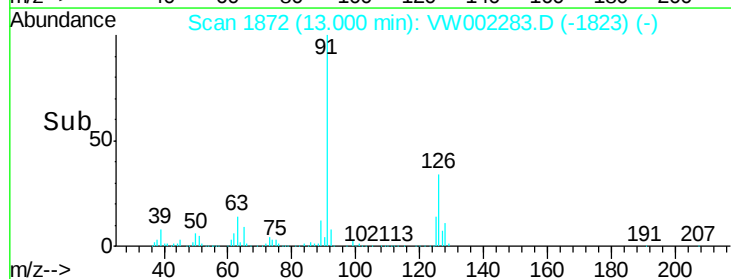
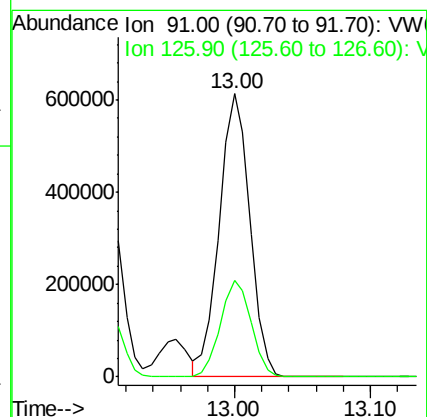
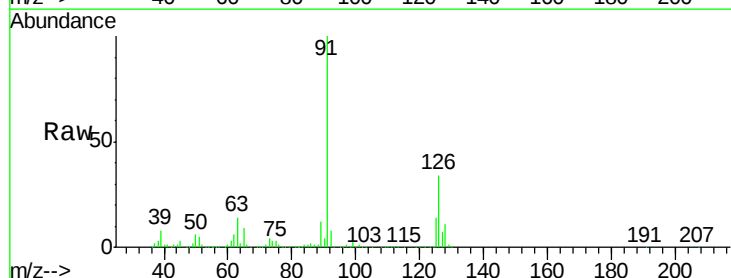
Acq: 08 May 2018 01:51

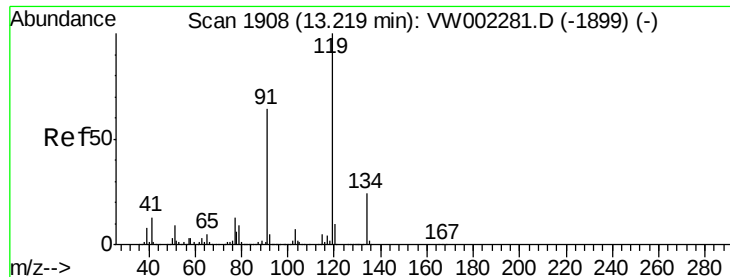
Tgt Ion: 91 Resp: 951767

Ion Ratio Lower Upper

91 100

126 34.4 17.4 52.3





#83

tert-Butylbenzene

Concen: 105.83 ug/l

RT: 13.22 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

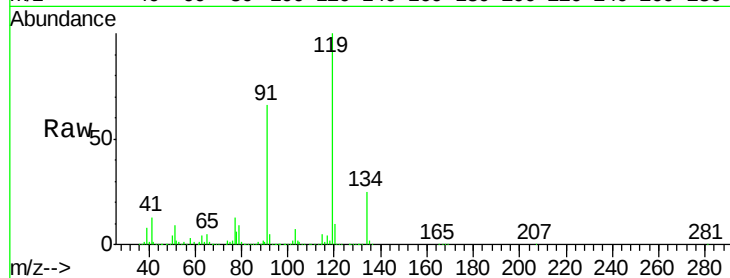
Tot Ion:119 Resp: 968626

Ion Ratio Lower Upper

119 100

91 64.5 31.6 94.8

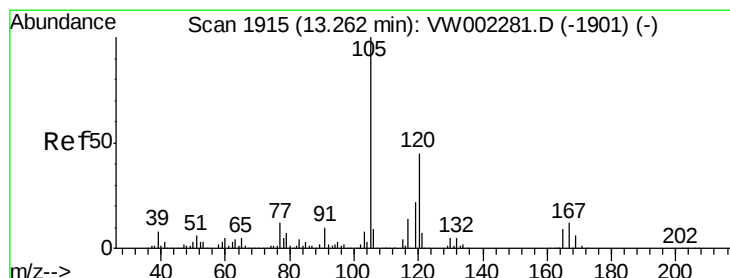
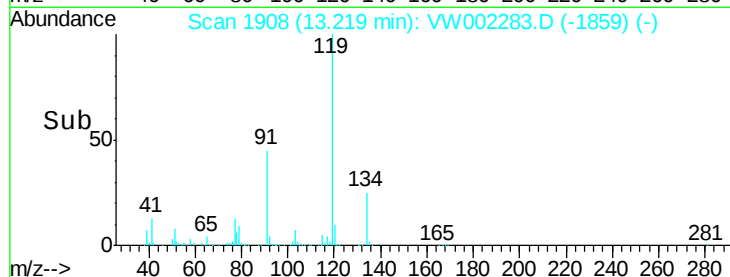
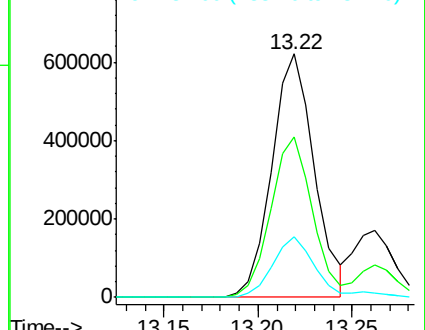
134 25.9 13.1 39.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 108.61 ug/l

RT: 13.26 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW002283.D

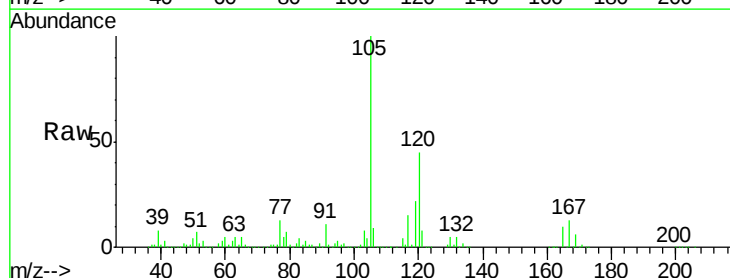
Acq: 08 May 2018 01:51

Tgt Ion:105 Resp: 1163973

Ion Ratio Lower Upper

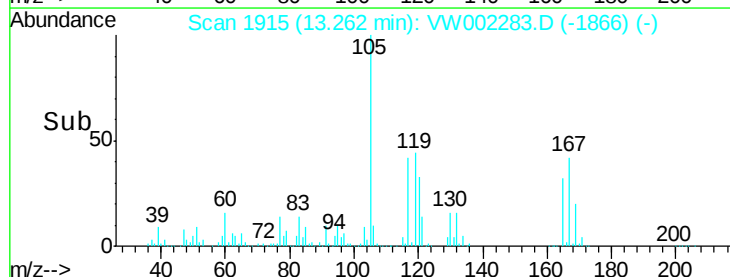
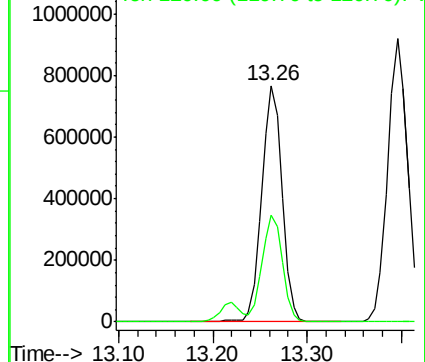
105 100

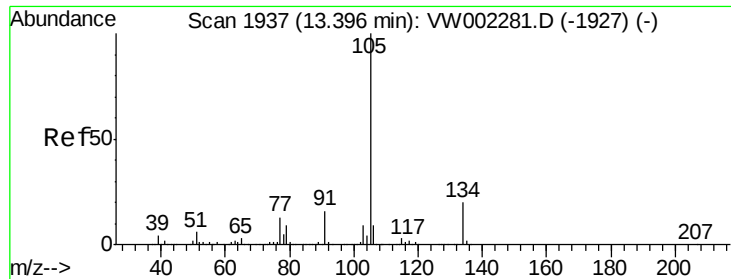
120 44.9 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

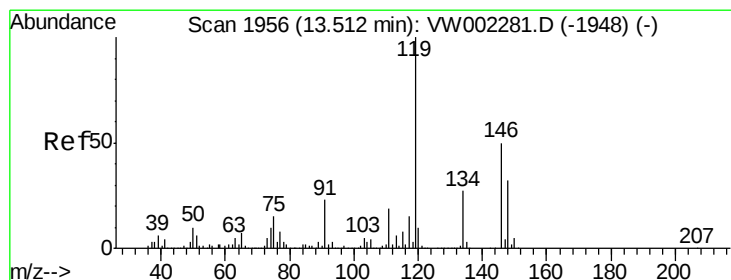
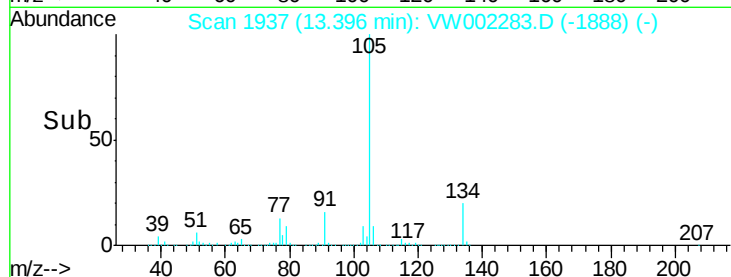
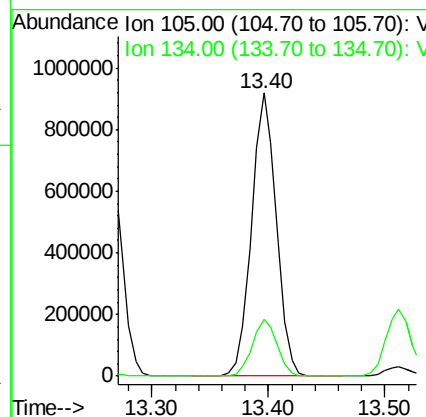
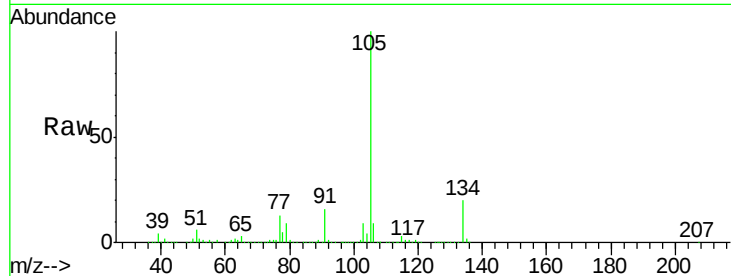




#85
 sec-Butylbenzene
 Concen: 107.13 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

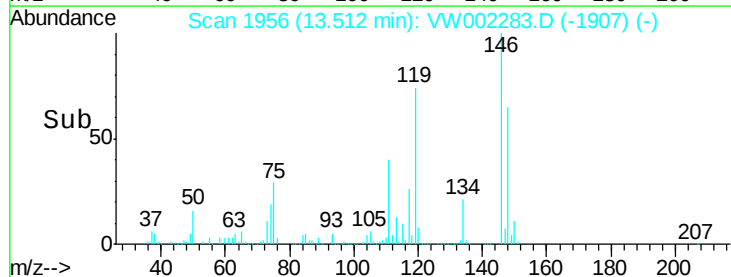
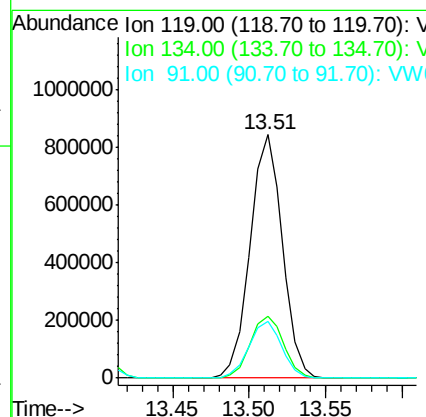
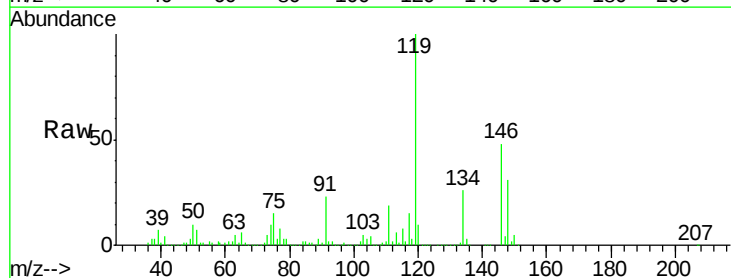
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

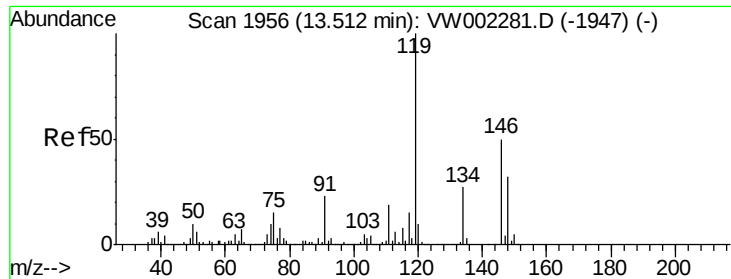
Tot Ion:105 Resp: 1359566
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 105.94 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

Tgt Ion:119 Resp: 1236265
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 23.6 11.8 35.3

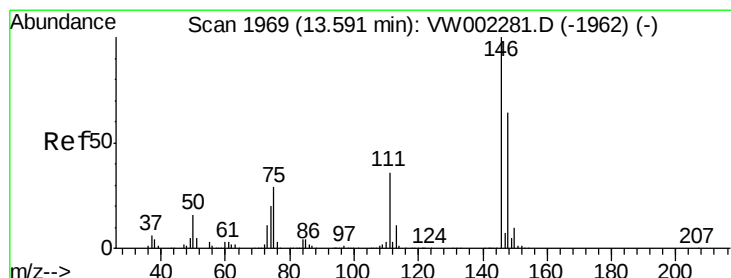
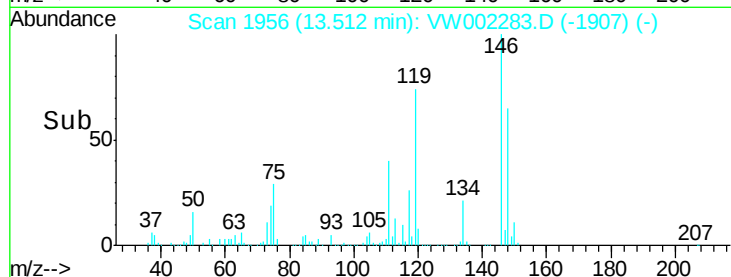
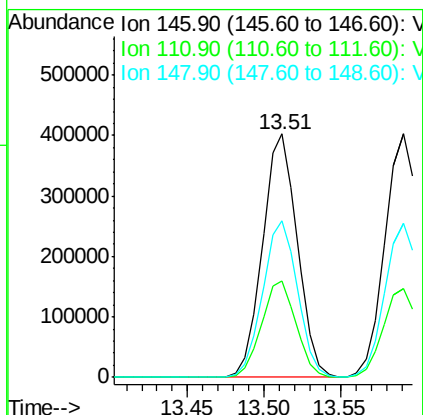
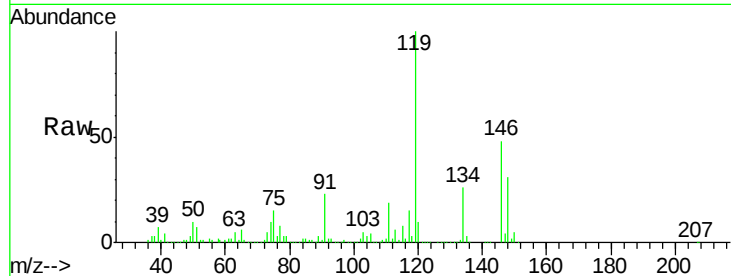




#87
 1,3-Dichlorobenzene
 Concen: 99.56 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

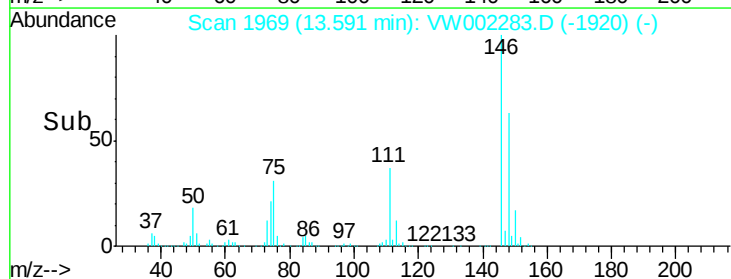
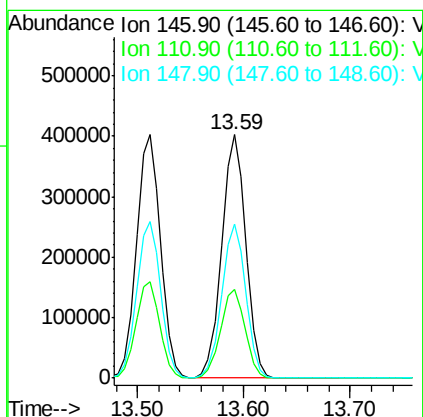
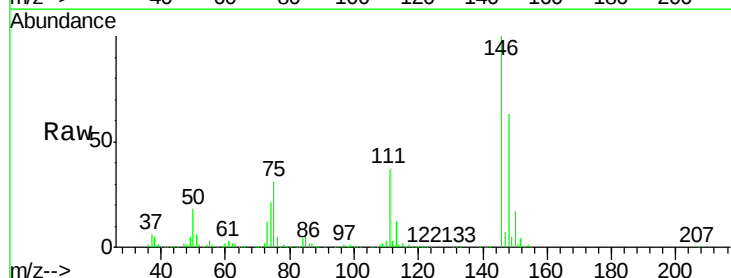
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

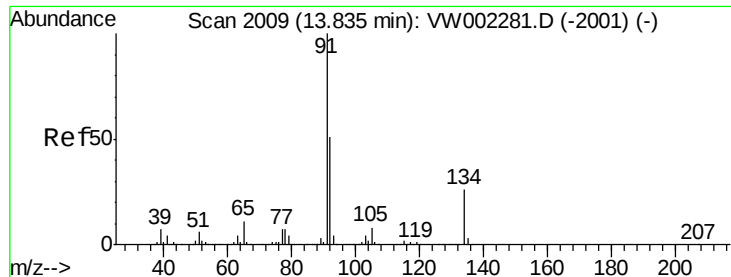
Tot Ion:146 Resp: 637377
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.3 57.8
 148 64.7 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 99.43 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

Tgt Ion:146 Resp: 635139
 Ion Ratio Lower Upper
 146 100
 111 37.0 19.0 57.0
 148 63.1 32.3 96.9





#89

n-Butylbenzene

Concen: 109.42 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW002283.D

Acq: 08 May 2018 01:51

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

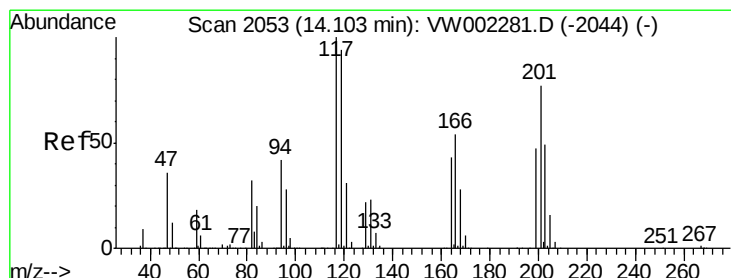
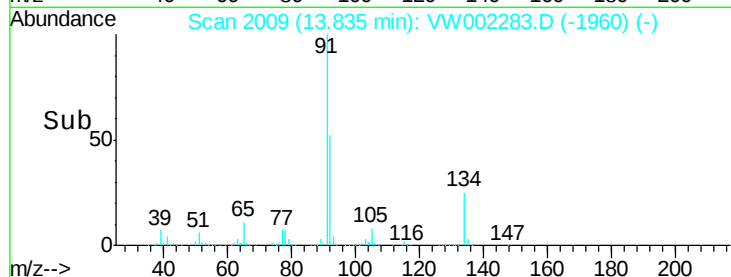
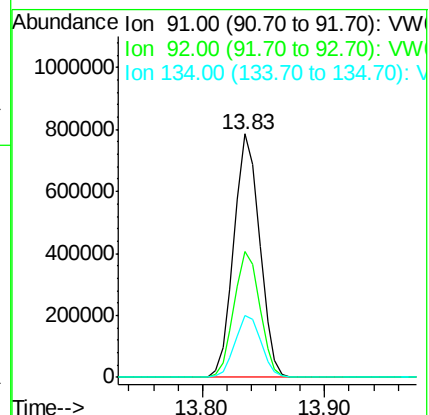
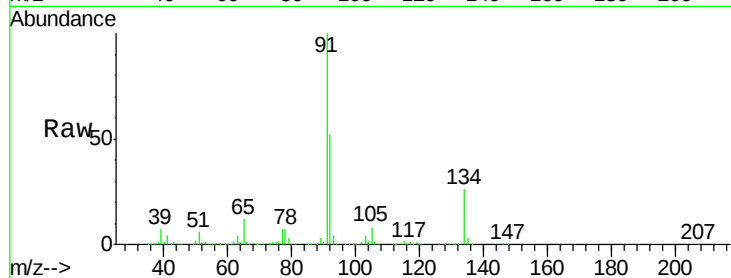
Tot Ion: 91 Resp: 1143298

Ion Ratio Lower Upper

91 100

92 52.0 25.9 77.8

134 25.8 13.1 39.1



#90

Hexachloroethane

Concen: 97.92 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW002283.D

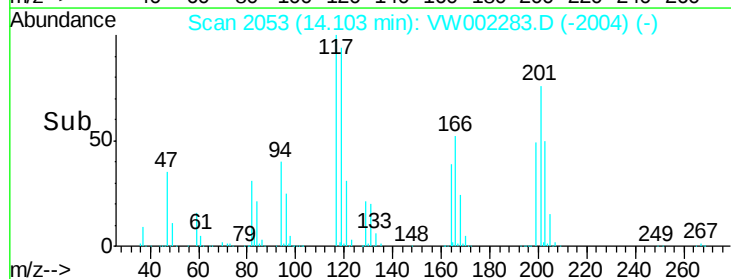
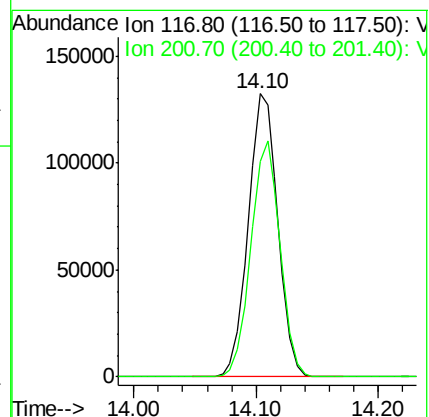
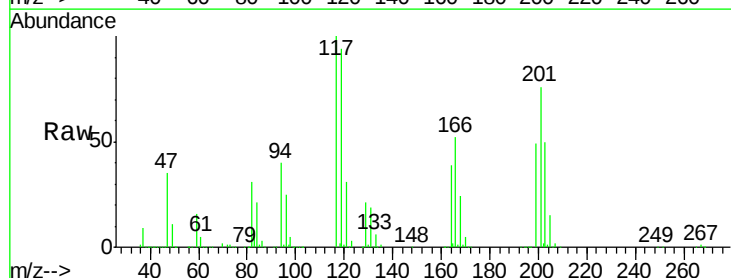
Acq: 08 May 2018 01:51

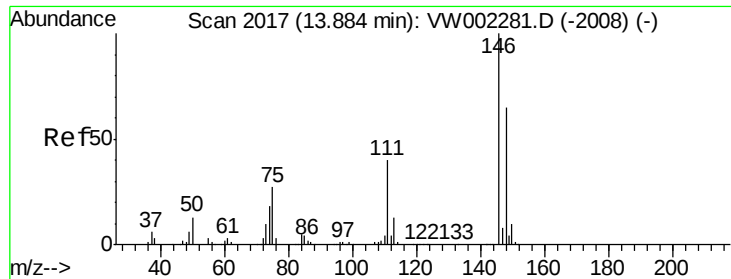
Tgt Ion: 117 Resp: 221752

Ion Ratio Lower Upper

117 100

201 82.5 42.2 126.6

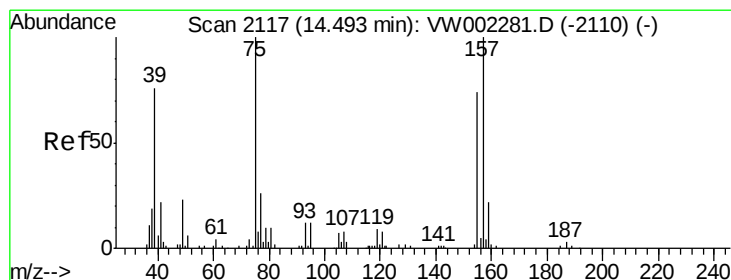
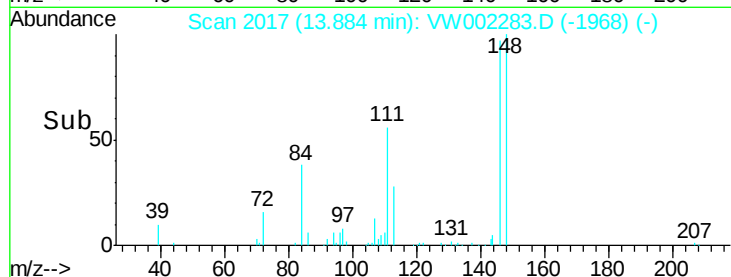
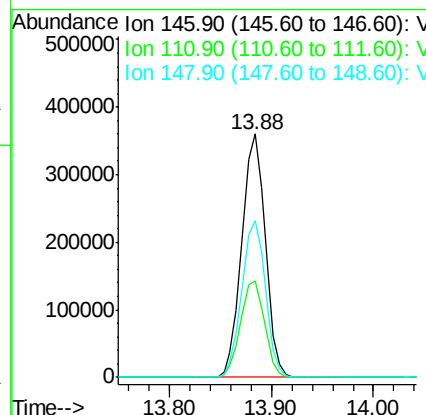
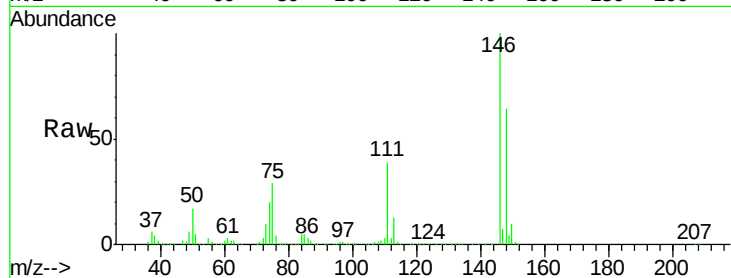




#91
 1,2-Dichlorobenzene
 Concen: 102.09 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

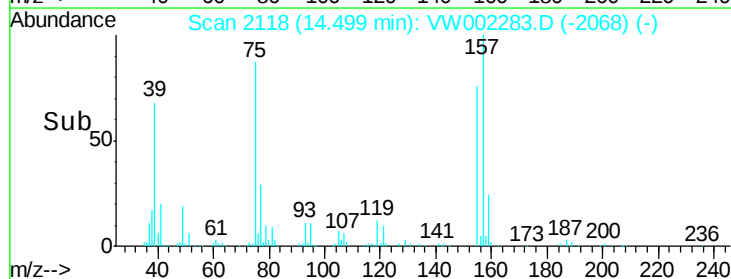
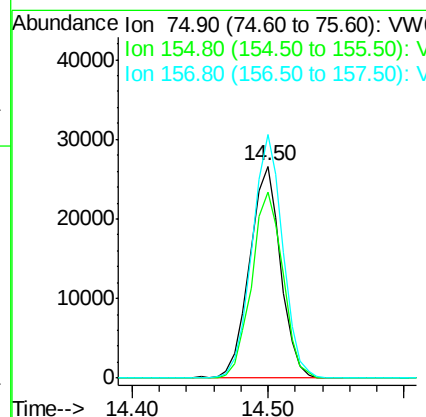
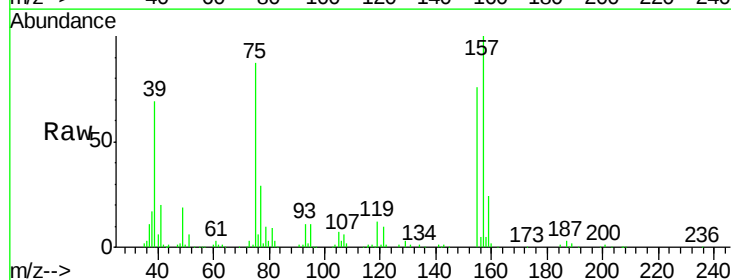
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

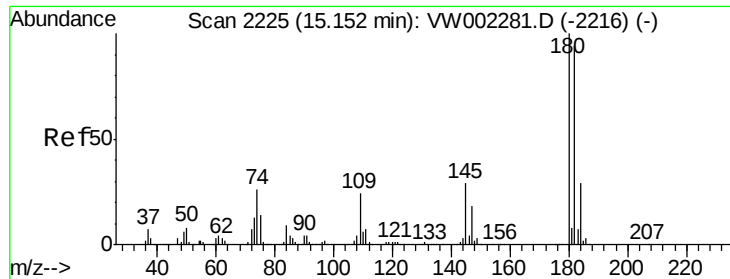
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	59.9
148	65.2	32.5	97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 125.14 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. 0.01 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.1	43.3	129.8
157	113.3	55.8	167.4

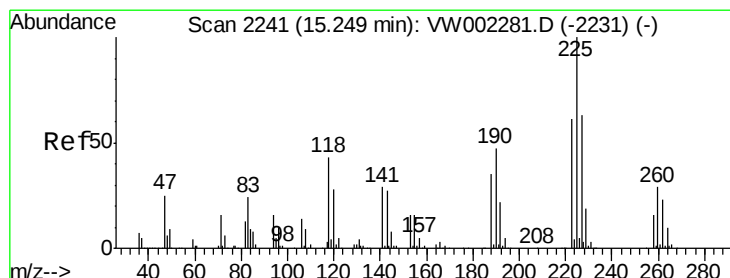
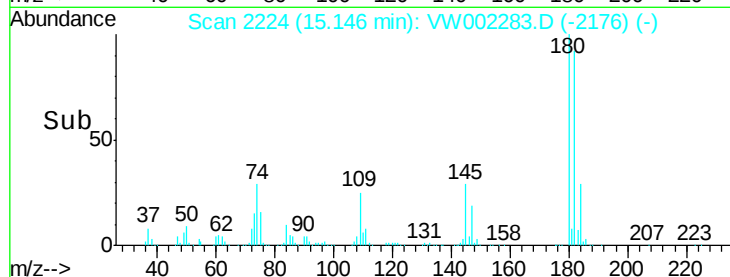
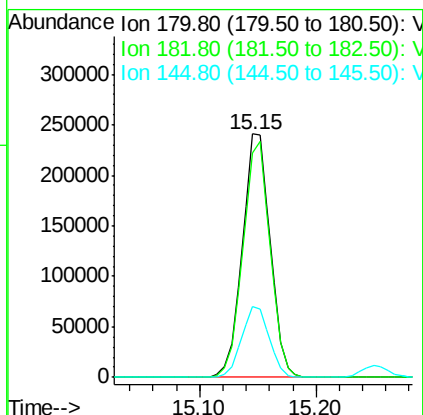
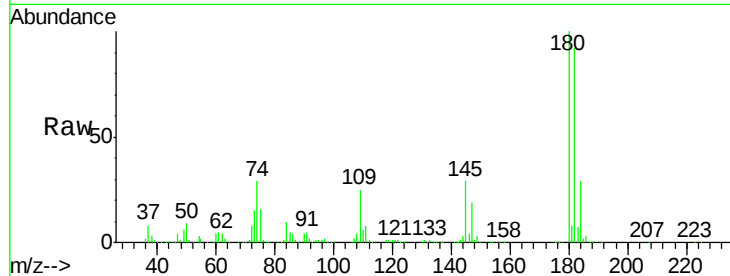




#93
 1,2,4-Trichlorobenzene
 Concen: 98.38 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

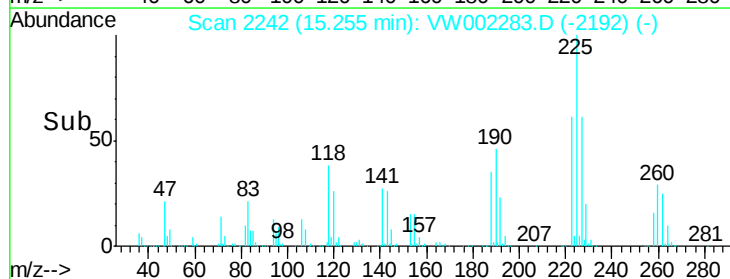
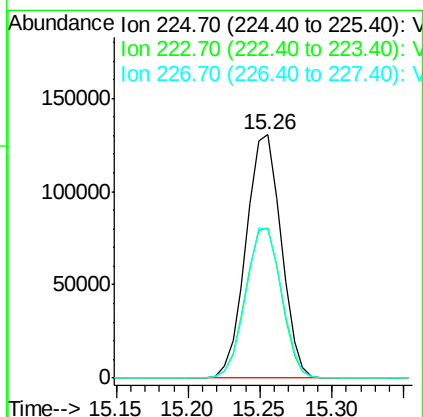
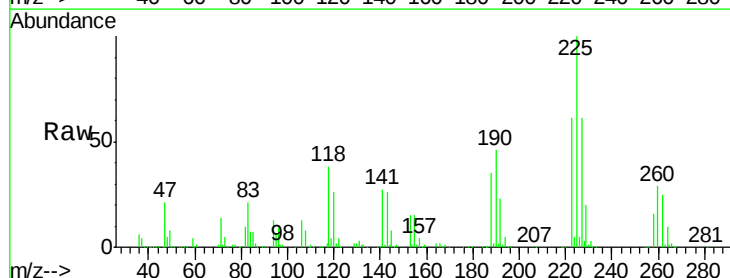
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

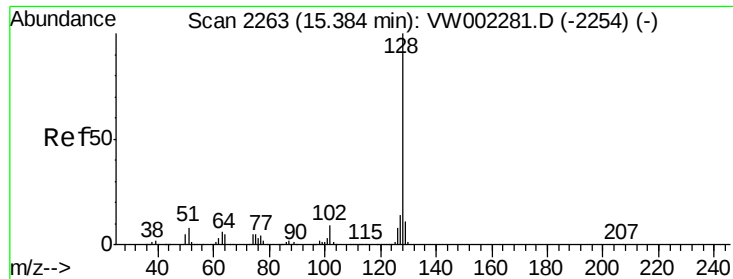
Tot Ion:180 Resp: 402228
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.3 141.8
 145 29.0 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 77.23 ug/l
 RT: 15.26 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: VW002283.D
 Acq: 08 May 2018 01:51

Tgt Ion:225 Resp: 220047
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.9 92.7
 227 62.8 32.0 96.0

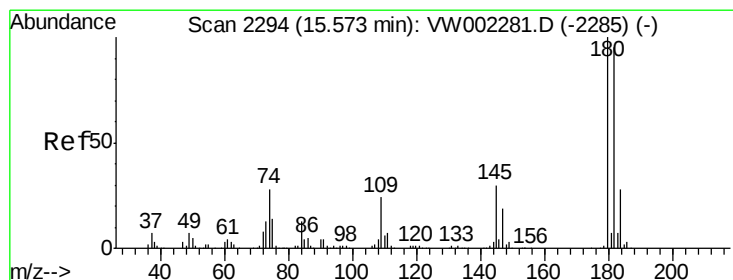
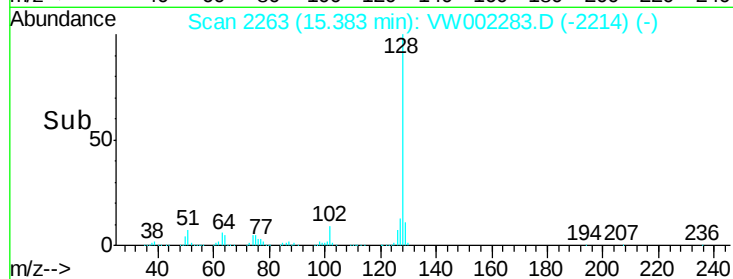
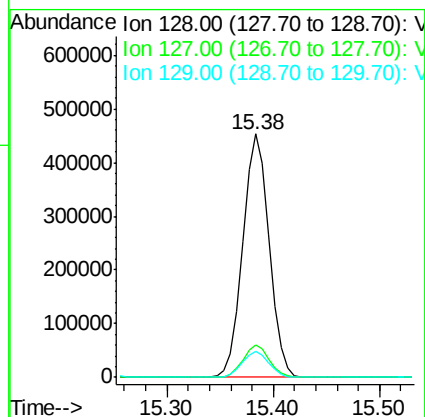
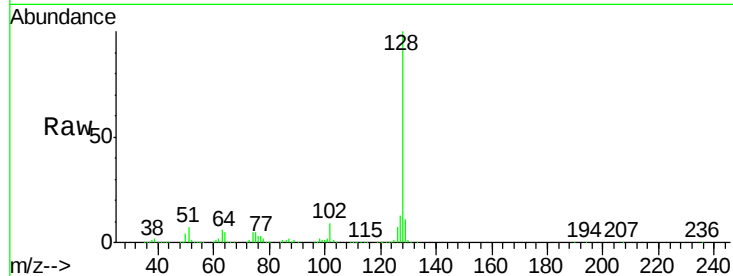




#95
Naphthalene
Concen: 129.16 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 787115
Ion Ratio Lower Upper
128 100
127 13.3 11.0 16.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 102.53 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VW002283.D
Acq: 08 May 2018 01:51

Tgt Ion:180 Resp: 358337
Ion Ratio Lower Upper
180 100
182 95.2 48.0 144.0
145 30.8 15.7 47.0

