

Data File : VW006804.D
Acq On : 12 Nov 2018 12:50
Operator : SY/AP
Sample : VSTDIC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Quant Time: Nov 12 14:12:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:08:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	323769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	422477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	408800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	231269	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	25713	10.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.68%	
35) Dibromofluoromethane	7.89	113	26236	10.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.82%	
50) Toluene-d8	10.33	98	111923	11.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.12%	
62) 4-Bromofluorobenzene	12.62	95	40178	10.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	30316	11.516	ug/l	100
3) Chloromethane	2.21	50	32288	10.217	ug/l	100
4) Vinyl Chloride	2.36	62	34152	10.279	ug/l	98
5) Bromomethane	2.78	94	25766	11.504	ug/l	96
6) Chloroethane	2.92	64	22550	10.371	ug/l	98
7) Trichlorofluoromethane	3.26	101	42855	10.266	ug/l	100
8) Diethyl Ether	3.69	74	12312	10.138	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	30680	11.061	ug/l	99
10) Methyl Iodide	4.28	142	38565	10.008	ug/l	99
11) Tert butyl alcohol	5.22	59	8518	54.541	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	23993	10.374	ug/l	96
13) Acrolein	3.91	56	8284	50.930	ug/l	98
14) Allyl chloride	4.68	41	30787	9.874	ug/l	99
15) Acrylonitrile	5.38	53	22199	45.668	ug/l	99
16) Acetone	4.15	43	16452	47.898	ug/l	96
17) Carbon Disulfide	4.38	76	75652	9.916	ug/l	99
18) Methyl Acetate	4.69	43	10567	8.767	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	55122	9.730	ug/l	98
20) Methylene Chloride	4.93	84	43099	12.979	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	29096	10.517	ug/l	95
22) Diisopropyl ether	6.32	45	63543	9.671	ug/l	93
23) Vinyl Acetate	6.26	43	179711	47.955	ug/l	99
24) 1,1-Dichloroethane	6.22	63	43905	10.214	ug/l	99
25) 2-Butanone	7.18	43	28441	50.150	ug/l	97
26) 2,2-Dichloropropane	7.18	77	46589	11.376	ug/l	97
27) cis-1,2-Dichloroethene	7.18	96	30636	10.335	ug/l	97
28) Bromochloromethane	7.52	49	15445	9.593	ug/l	99
29) Tetrahydrofuran	7.54	42	17644	47.468	ug/l	96
30) Chloroform	7.68	83	47309	9.933	ug/l	99
31) Cyclohexane	7.96	56	47350	10.696	ug/l #	91
32) 1,1,1-Trichloroethane	7.88	97	48279	10.681	ug/l	99
36) 1,1-Dichloropropene	8.09	75	40004	10.435	ug/l	99
37) Ethyl Acetate	7.26	43	12226	8.980	ug/l	97
38) Carbon Tetrachloride	8.07	117	43962	10.733	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	50105	10.265	ug/l	97
40) Benzene	8.33	78	109055	10.074	ug/l	99
41) Methacrylonitrile	7.49	41	7383	9.347	ug/l	94
42) 1,2-Dichloroethane	8.40	62	29881	10.141	ug/l	100
43) Isopropyl Acetate	8.43	43	23243	9.107	ug/l	99
44) Trichloroethene	9.10	130	34532	10.375	ug/l	97
45) 1,2-Dichloropropane	9.37	63	25005	9.835	ug/l	98
46) Dibromomethane	9.46	93	14041	9.837	ug/l	99
47) Bromodichloromethane	9.65	83	34937	10.087	ug/l	98
48) Methyl methacrylate	9.44	41	11982	9.968	ug/l	93
49) 1,4-Dioxane	9.48	88	4373	204.634	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	59334	45.250	ug/l	98
52) Toluene	10.39	92	76383	10.036	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	32518	9.682	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	39442	9.905	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	20787	9.885	ug/l	98
56) Ethyl methacrylate	10.65	69	20800	8.958	ug/l	96
57) 1,3-Dichloropropane	10.93	76	32039	9.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	53066	45.888	ug/l	100
59) 2-Hexanone	10.97	43	41022	46.162	ug/l	98
60) Dibromochloromethane	11.13	129	24377	9.644	ug/l	98
61) 1,2-Dibromoethane	11.24	107	19360	9.569	ug/l	100
64) Tetrachloroethene	10.87	164	33084	10.598	ug/l	97
65) Chlorobenzene	11.66	112	90566	10.408	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	28198	10.116	ug/l	100
67) Ethyl Benzene	11.74	91	150941	10.311	ug/l	98
68) m/p-Xylenes	11.85	106	123404	20.668	ug/l	100
69) o-Xylene	12.17	106	56229	10.229	ug/l	98
70) Styrene	12.19	104	89870	10.058	ug/l	99
71) Bromoform	12.35	173	14423	9.341	ug/l #	99
73) Isopropylbenzene	12.47	105	155574	10.455	ug/l	99
74) N-amyl acetate	12.27	43	22065	9.098	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	21158	9.544	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	28127	16.677	ug/l #	100
77) Bromobenzene	12.75	156	39471	10.259	ug/l	99
78) n-propylbenzene	12.81	91	182037	10.296	ug/l	99
79) 2-Chlorotoluene	12.90	91	104931	10.535	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	134931	10.466	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5917	9.328	ug/l	94
82) 4-Chlorotoluene	12.99	91	111257	10.452	ug/l	98
83) tert-Butylbenzene	13.21	119	117932	10.586	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	137373	10.400	ug/l	100
85) sec-Butylbenzene	13.39	105	168627	10.576	ug/l	100
86) p-Isopropyltoluene	13.51	119	153316	10.542	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	81862	10.473	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	82251	10.565	ug/l	98
89) n-Butylbenzene	13.83	91	140473	10.465	ug/l	99
90) Hexachloroethane	14.10	117	23728	10.400	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	72589	10.615	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3191	8.914	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111218\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	52270	10.326	ug/l	99
94) Hexachlorobutadiene	15.24	225	35206	11.051	ug/l	98
95) Naphthalene	15.38	128	71667	9.253	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	44609	10.187	ug/l	99

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

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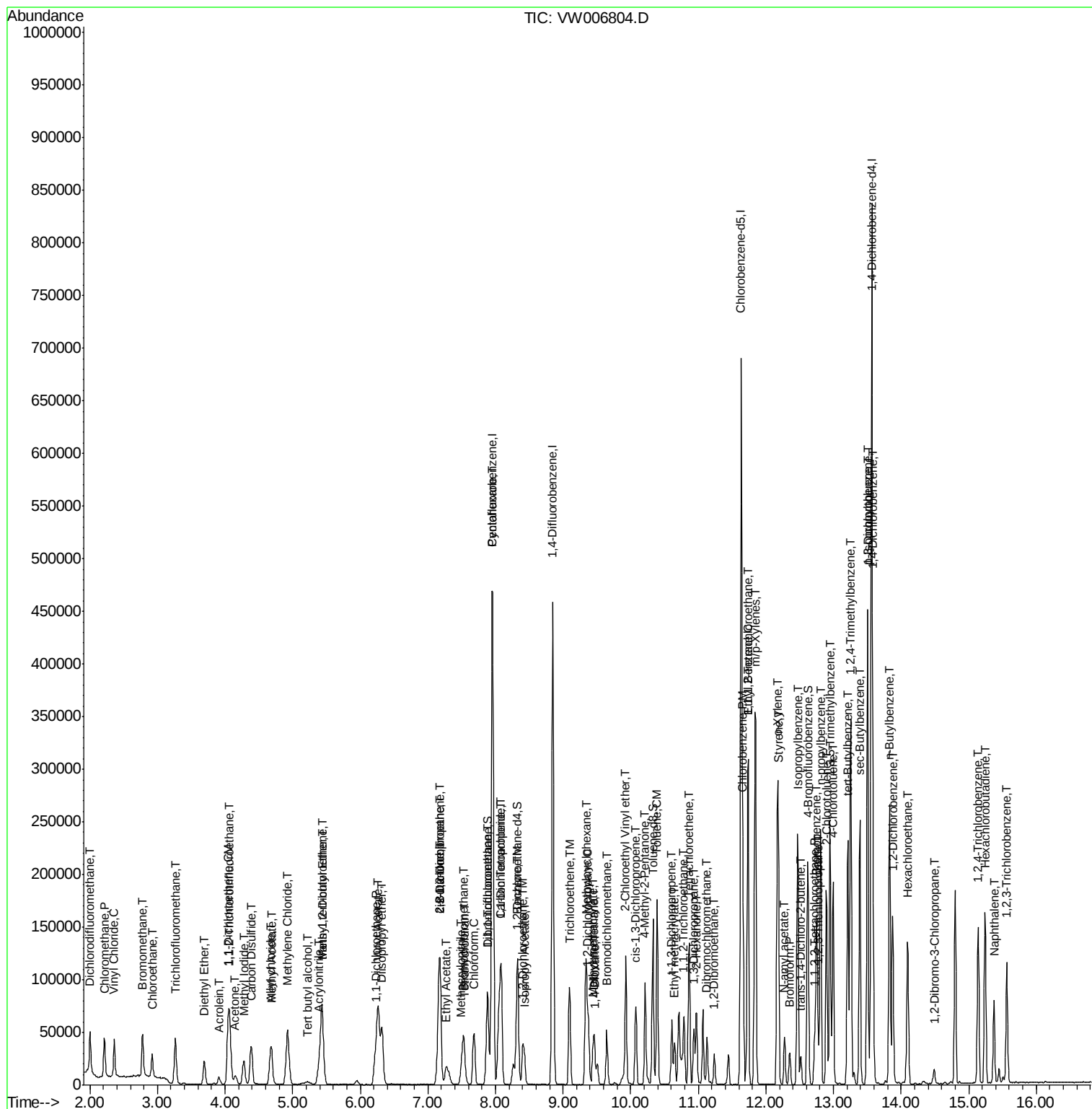
Quant Time: Nov 12 14:12:58 2018

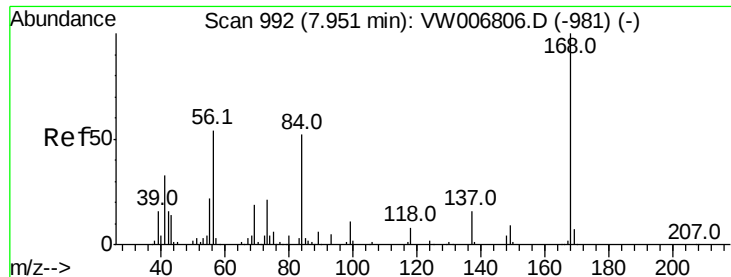
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\82W111218S.M

Quant Title : SW846 8260

QLast Update : Mon Nov 12 14:08:58 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

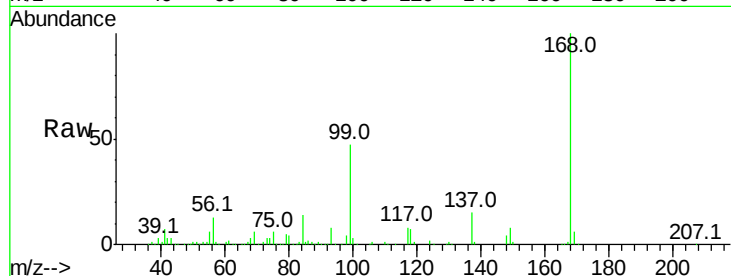
VSTDIC010

Tgt Ion:168 Resp: 323769

Ion Ratio Lower Upper

168 100

99 46.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

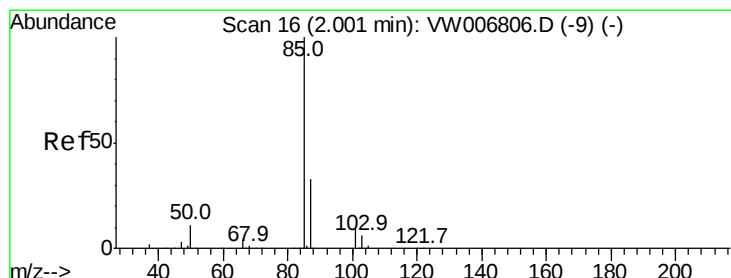
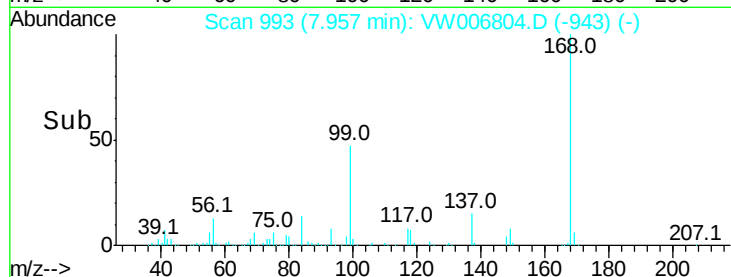
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 11.516 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006804.D

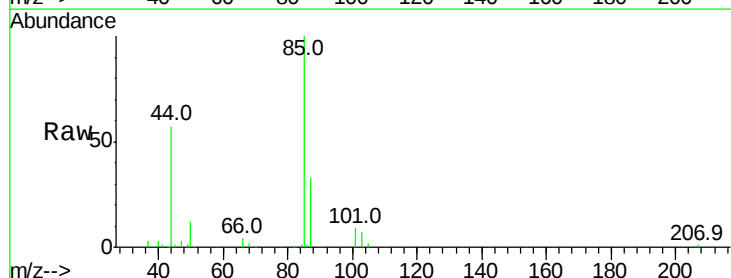
Acq: 12 Nov 2018 12:50

Tgt Ion: 85 Resp: 30316

Ion Ratio Lower Upper

85 100

87 33.0 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

25000

20000

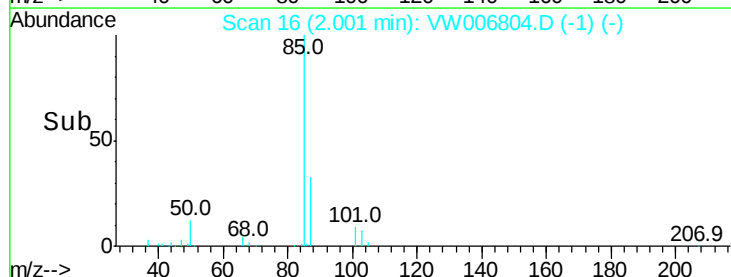
15000

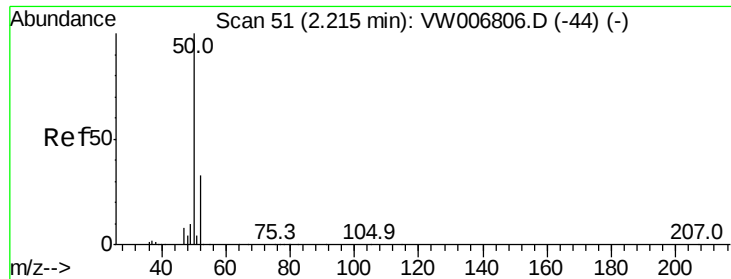
10000

5000

0

Time--> 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 10.217 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

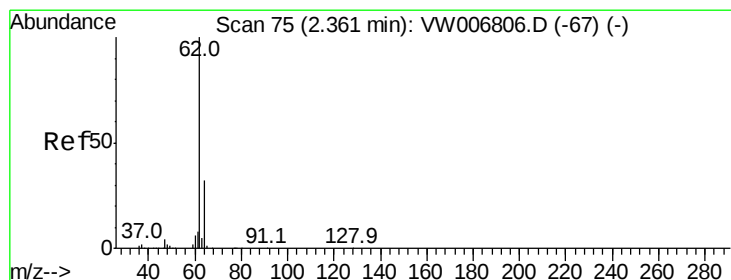
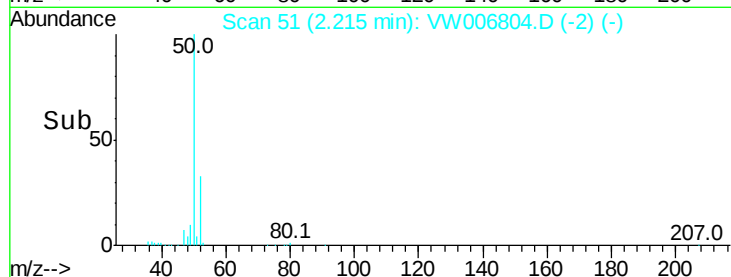
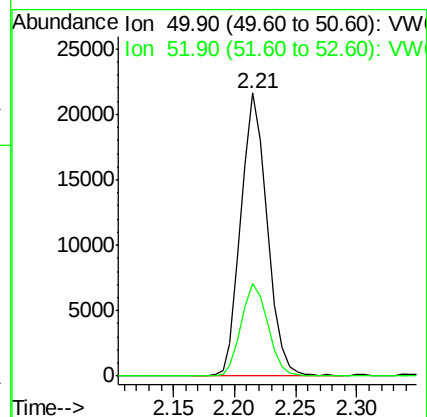
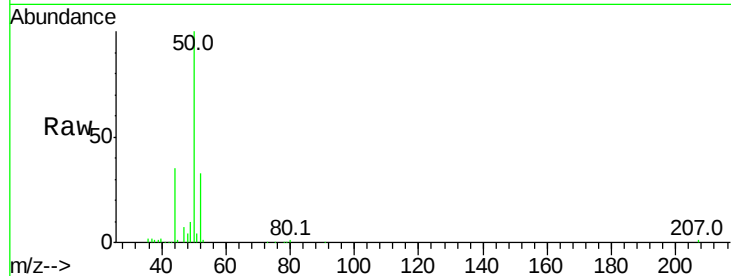
VSTDIC010

Tgt Ion: 50 Resp: 32288

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.4



#4

Vinyl Chloride

Concen: 10.279 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006804.D

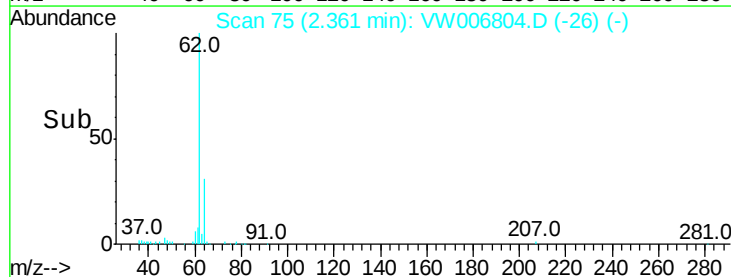
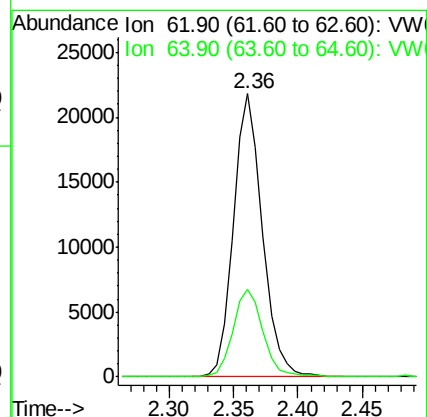
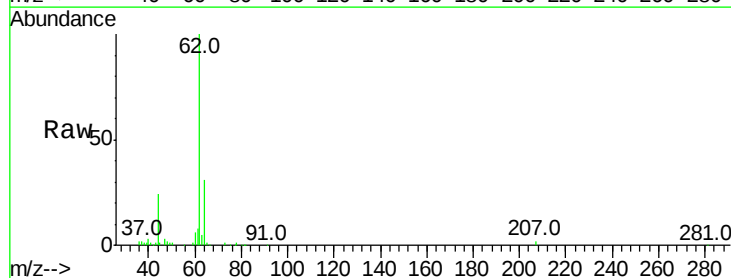
Acq: 12 Nov 2018 12:50

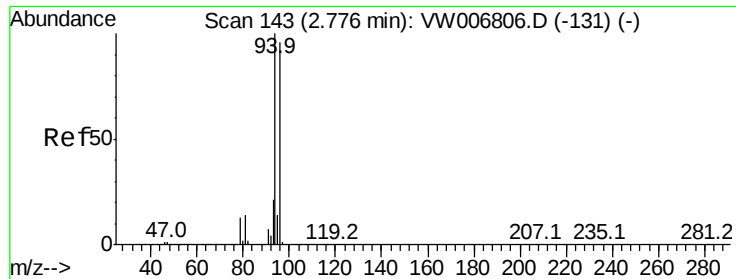
Tgt Ion: 62 Resp: 34152

Ion Ratio Lower Upper

62 100

64 31.0 25.6 38.4





#5

Bromomethane

Concen: 11.504 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

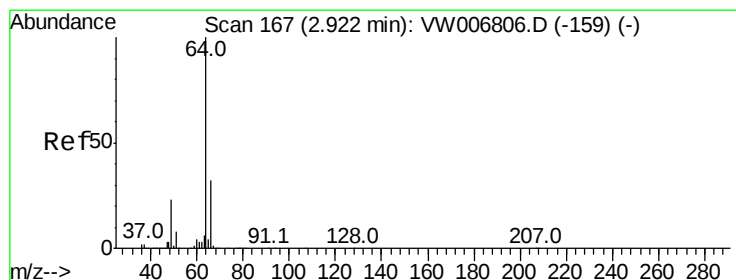
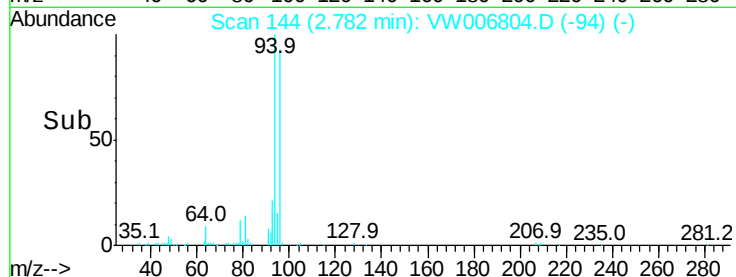
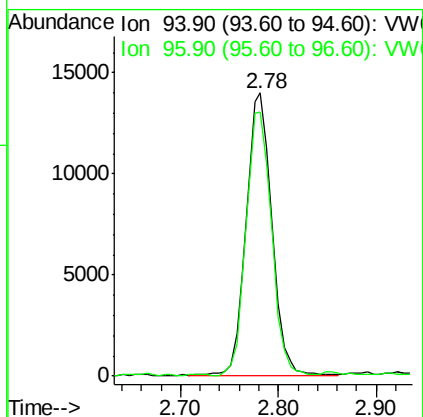
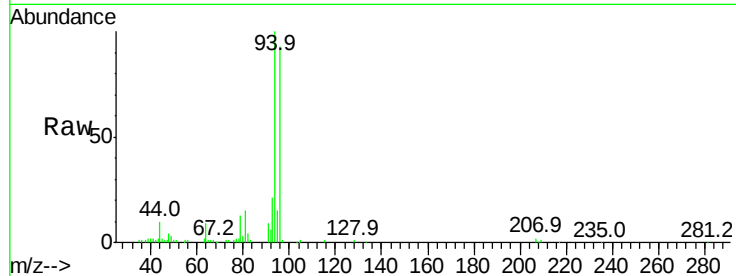
VSTDIC010

Tgt Ion: 94 Resp: 25766

Ion Ratio Lower Upper

94 100

96 92.5 76.8 115.2



#6

Chloroethane

Concen: 10.371 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW006804.D

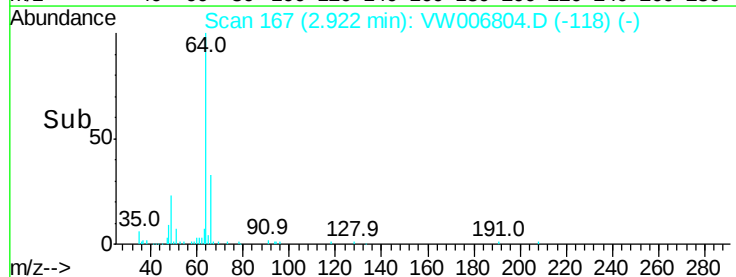
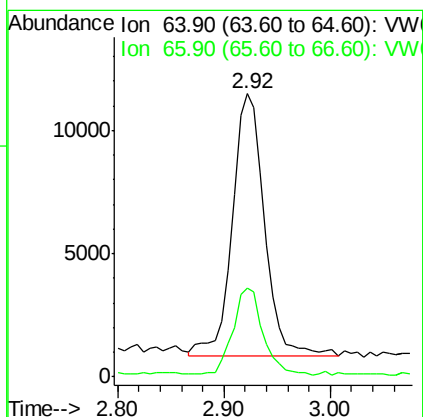
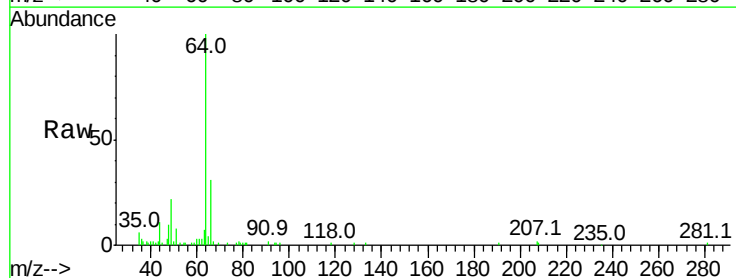
Acq: 12 Nov 2018 12:50

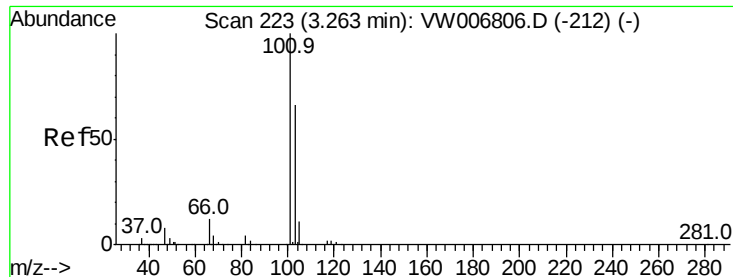
Tgt Ion: 64 Resp: 22550

Ion Ratio Lower Upper

64 100

66 32.8 25.5 38.3



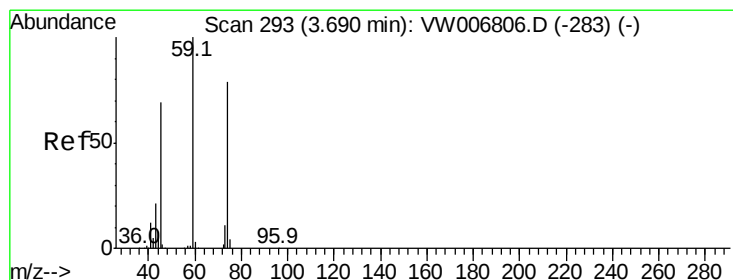
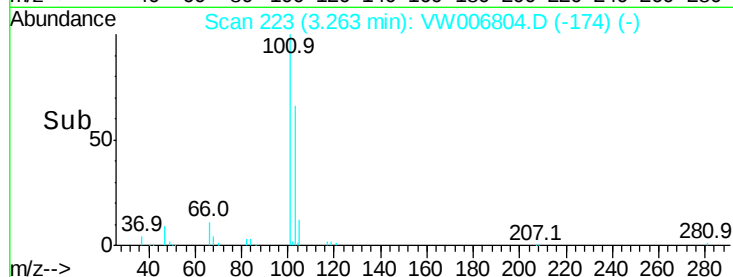
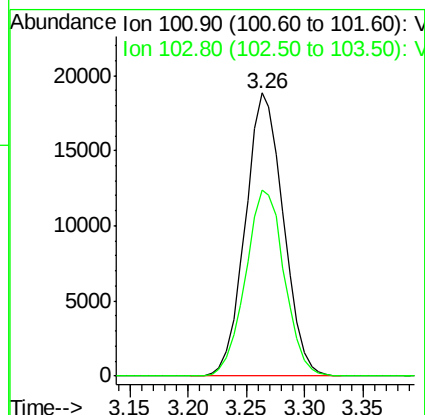
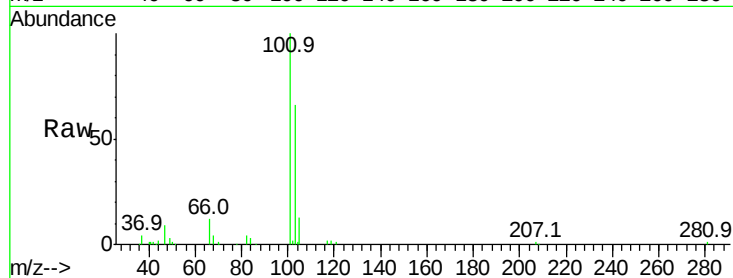


#7

Trichlorofluoromethane
 Concen: 10.266 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW006804.D
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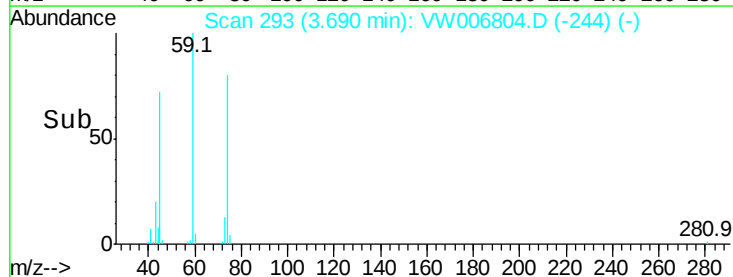
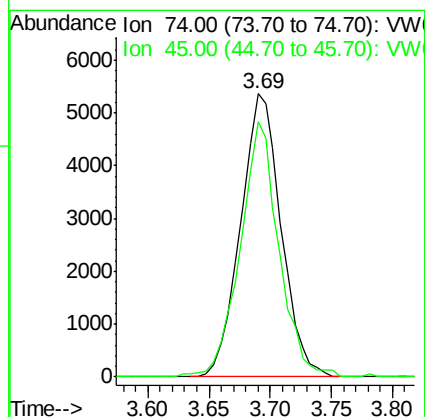
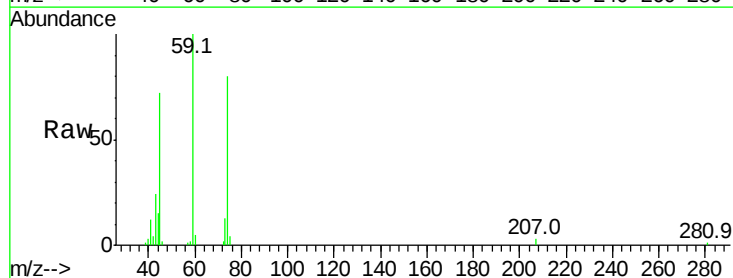
Tgt Ion: 101 Resp: 42855
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.6 79.0

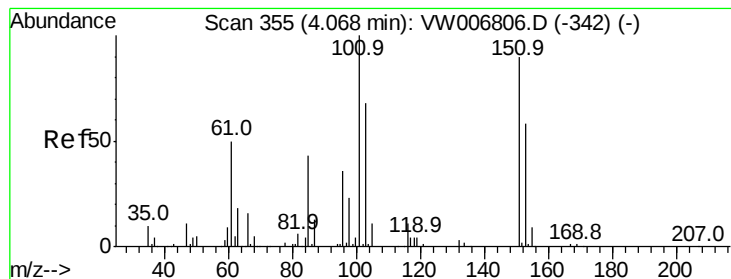


#8

Diethyl Ether
 Concen: 10.138 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

Tgt Ion: 74 Resp: 12312
 Ion Ratio Lower Upper
 74 100
 45 86.1 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.061 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

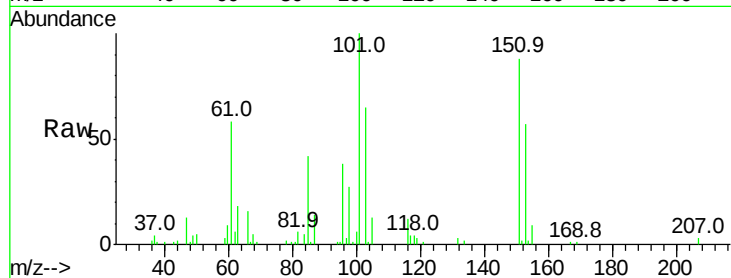
Tgt Ion:101 Resp: 30680

Ion Ratio Lower Upper

101 100

85 41.7 33.8 50.8

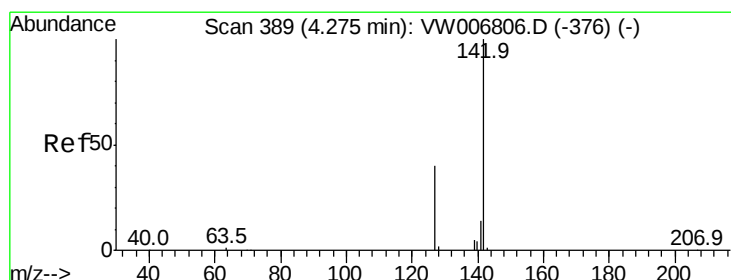
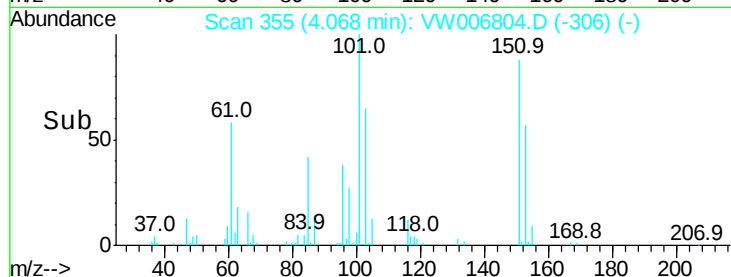
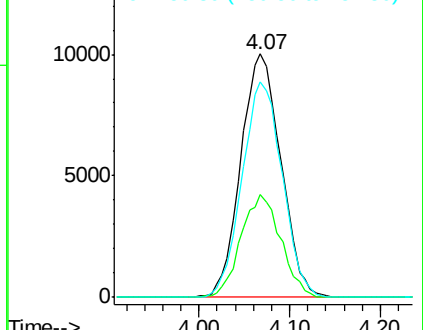
151 88.8 71.4 107.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 10.008 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

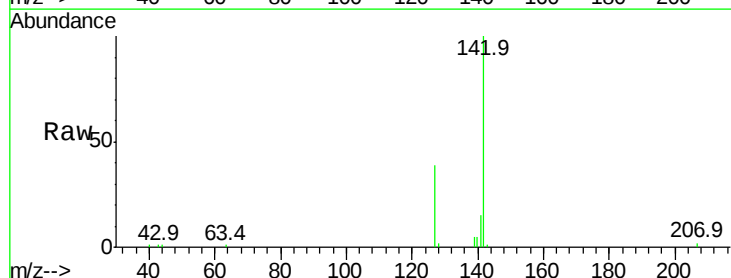
Tgt Ion:142 Resp: 38565

Ion Ratio Lower Upper

142 100

127 40.4 31.8 47.8

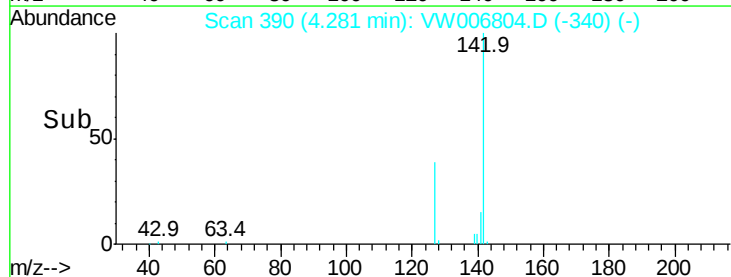
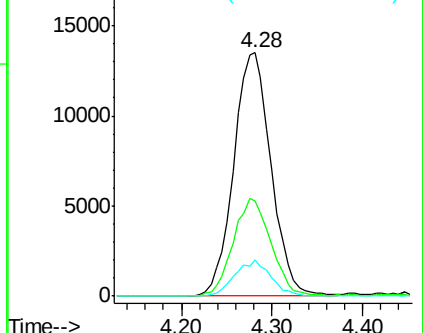
141 14.1 11.5 17.3

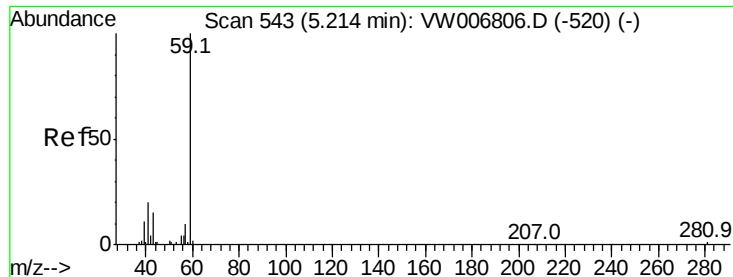


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



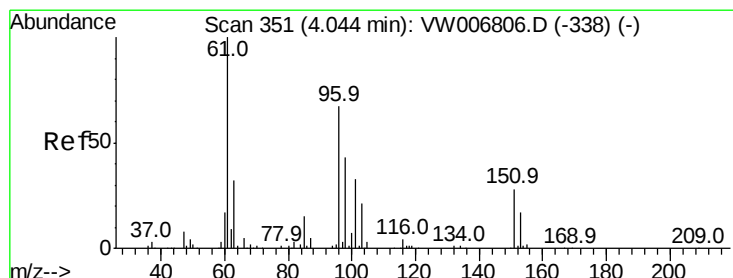
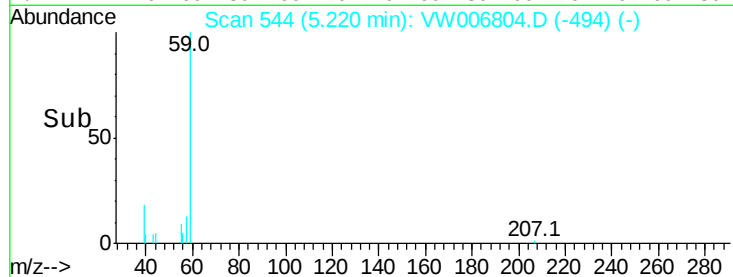
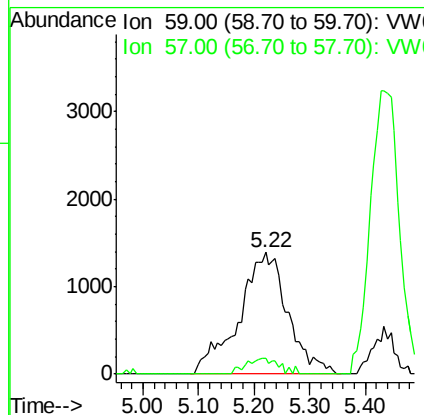
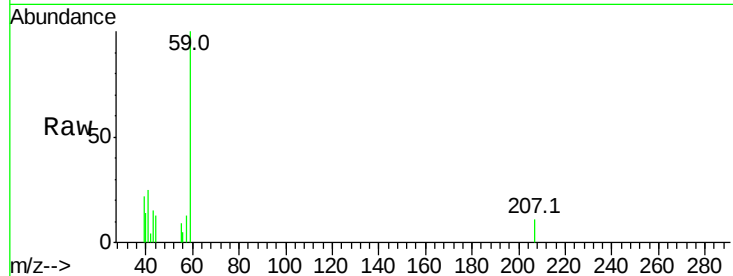


#11

Tert butyl alcohol
Concen: 54.541 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

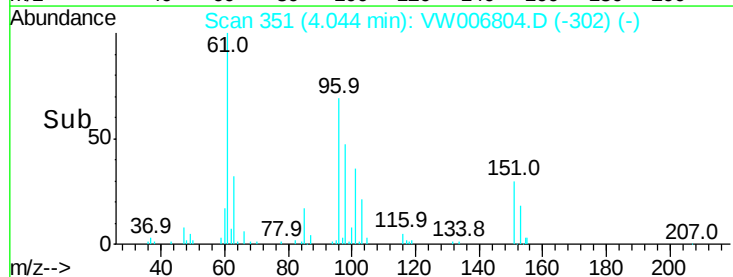
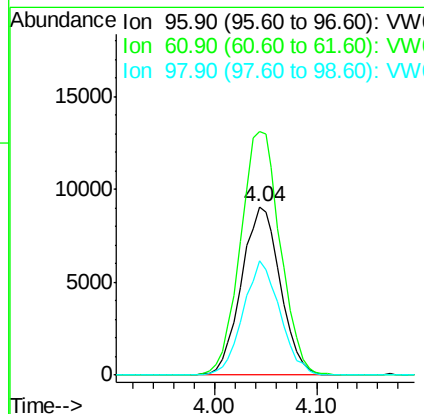
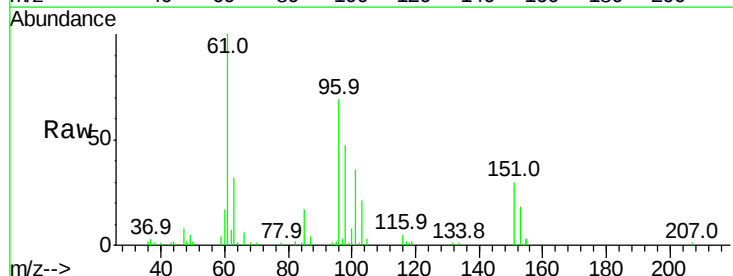
Tgt Ion: 59 Resp: 8518
Ion Ratio Lower Upper
59 100
57 8.2 8.3 12.5#

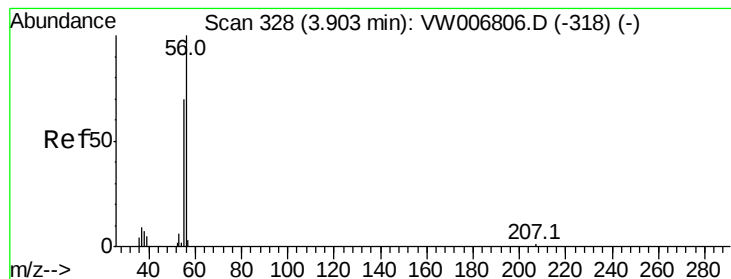


#12

1,1-Dichloroethene
Concen: 10.374 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

Tgt Ion: 96 Resp: 23993
Ion Ratio Lower Upper
96 100
61 144.8 119.8 179.6
98 68.0 51.5 77.3





#13

Acrolein

Concen: 50.930 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

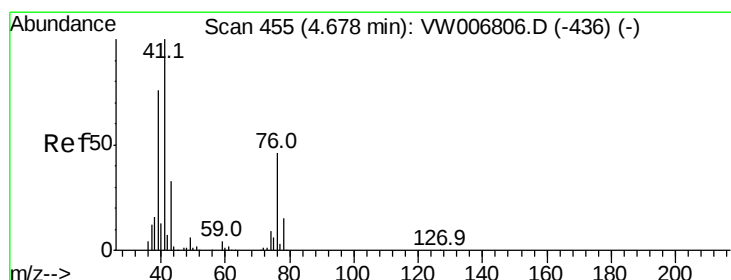
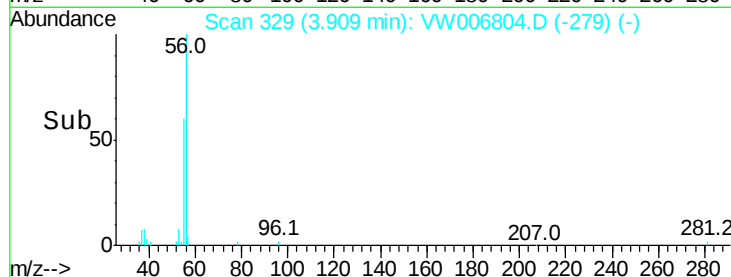
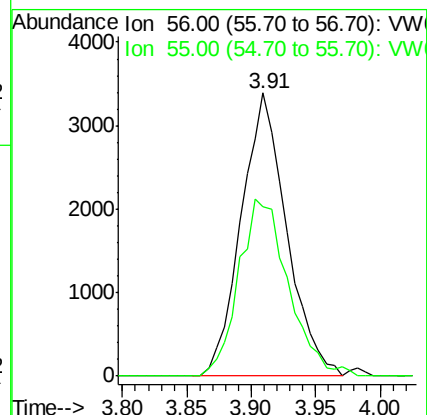
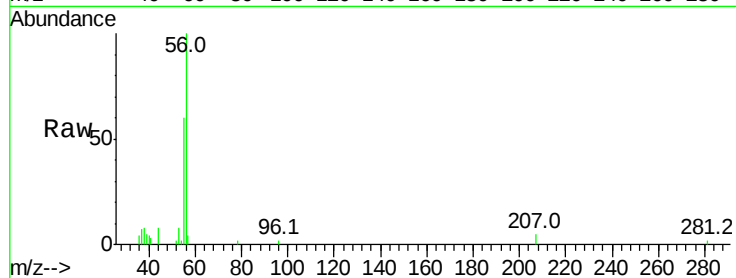
VSTDIC010

Tgt Ion: 56 Resp: 8284

Ion Ratio Lower Upper

56 100

55 68.4 56.1 84.1



#14

Allyl chloride

Concen: 9.874 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

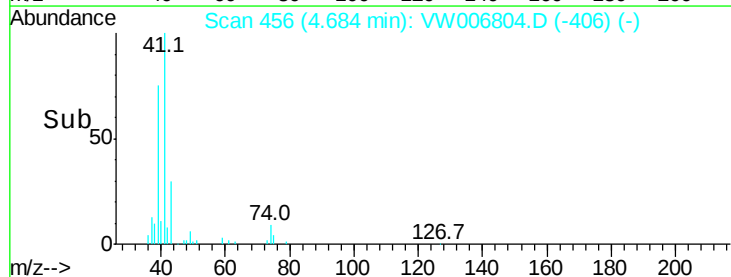
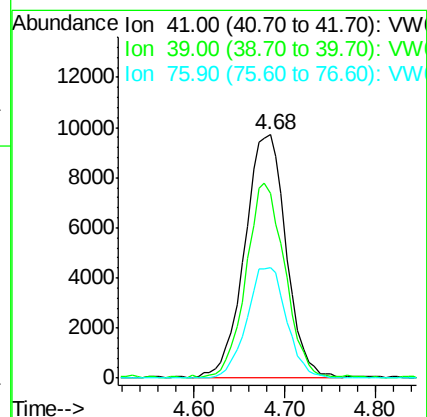
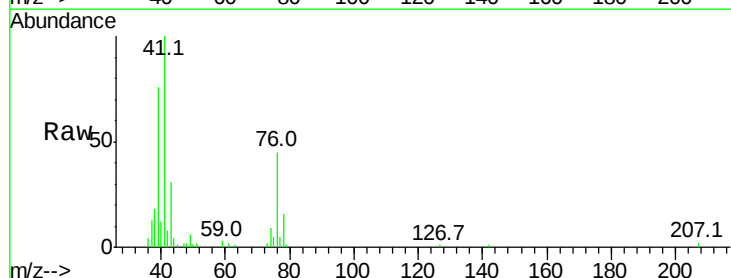
Tgt Ion: 41 Resp: 30787

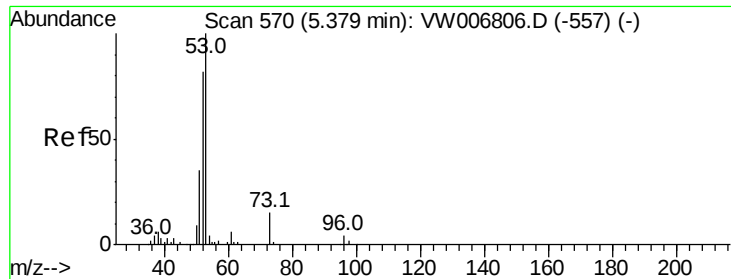
Ion Ratio Lower Upper

41 100

39 75.2 58.9 88.3

76 43.5 34.4 51.6

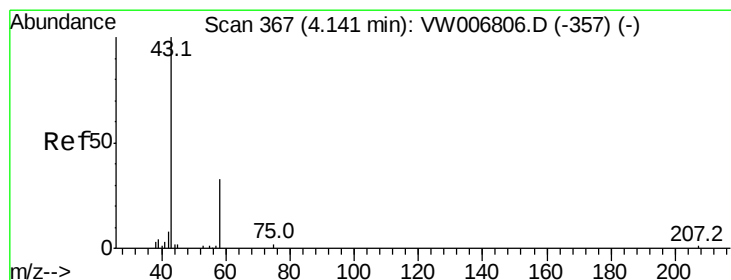
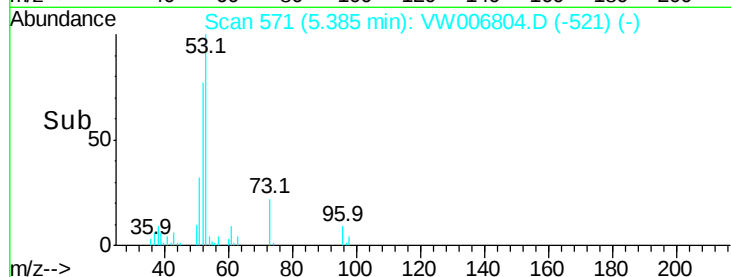
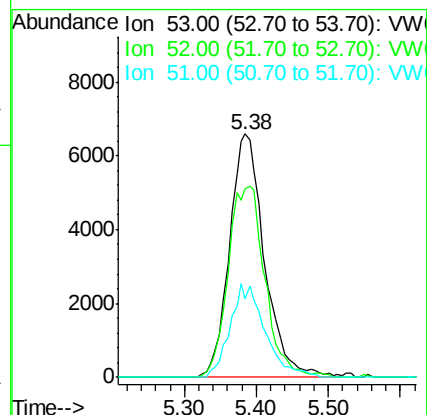
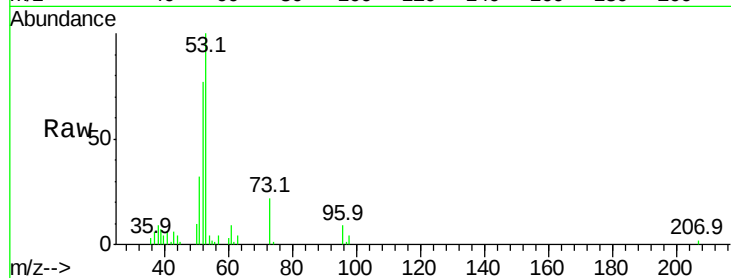




#15
 Acrylonitrile
 Concen: 45.668 ug/l
 RT: 5.38 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

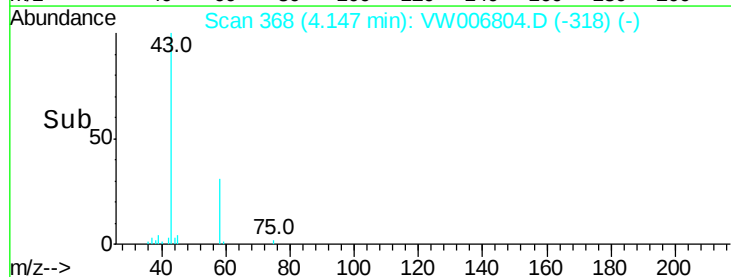
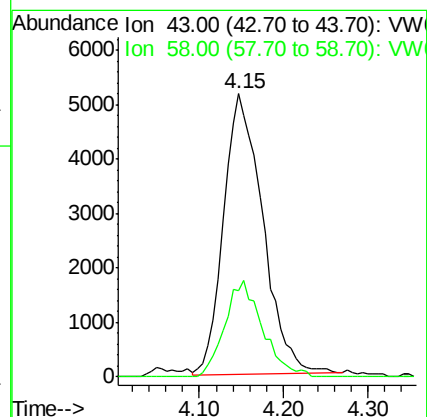
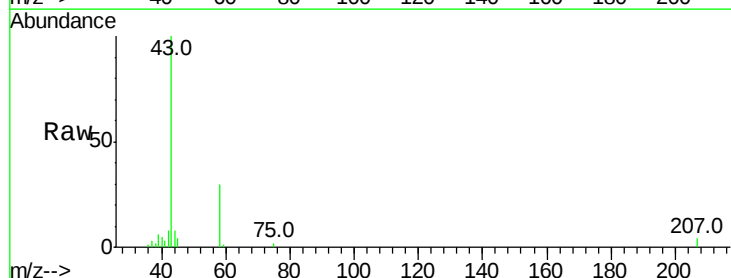
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

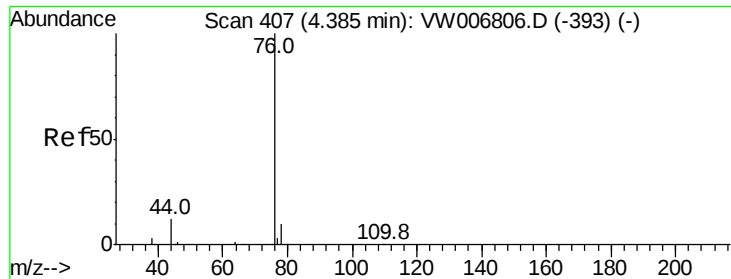
Tgt Ion: 53 Resp: 22199
 Ion Ratio Lower Upper
 53 100
 52 82.1 65.2 97.8
 51 38.4 30.0 45.0



#16
 Acetone
 Concen: 47.898 ug/l
 RT: 4.15 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

Tgt Ion: 43 Resp: 16452
 Ion Ratio Lower Upper
 43 100
 58 30.9 26.5 39.7

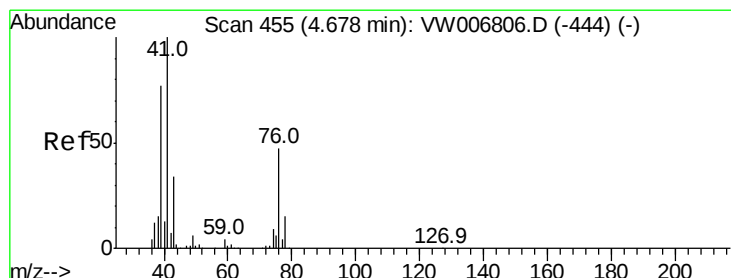
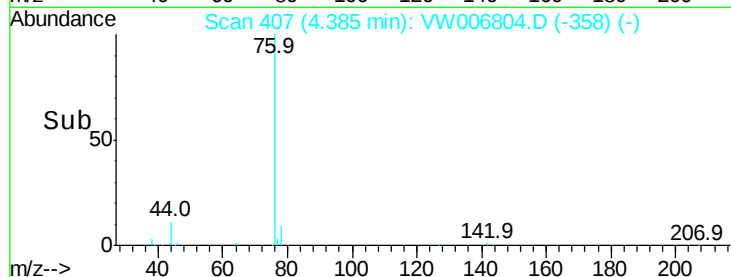
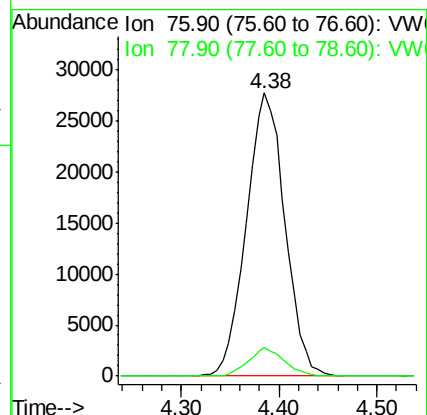
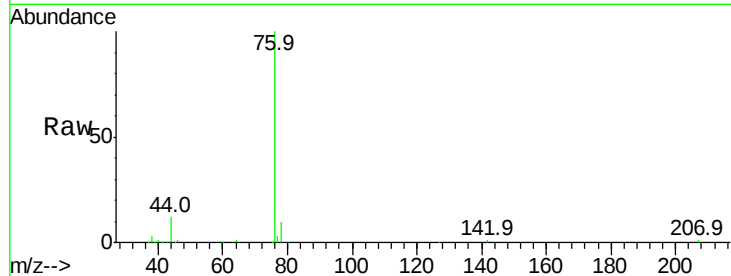




#17
Carbon Disulfide
Concen: 9.916 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

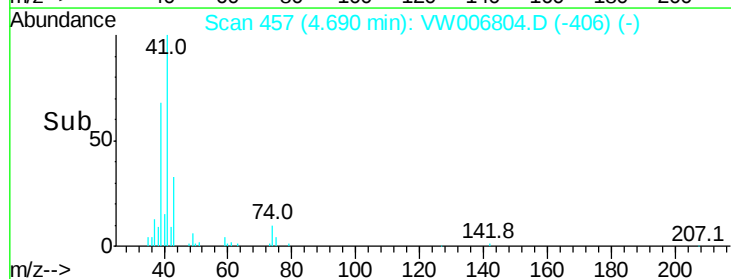
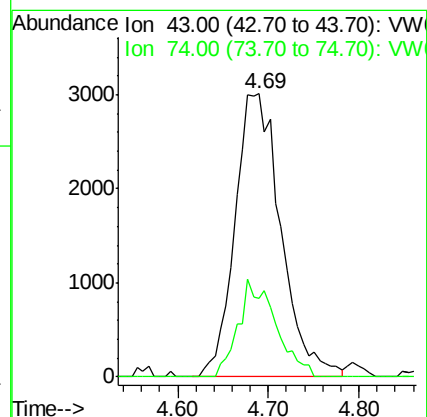
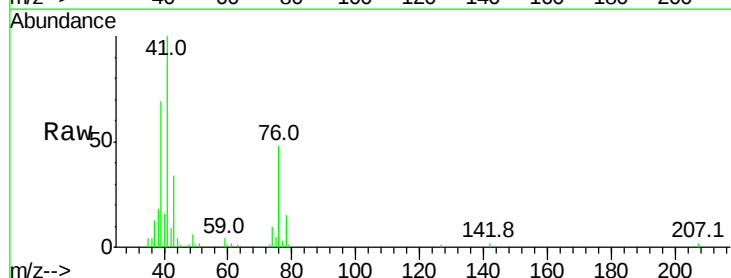
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

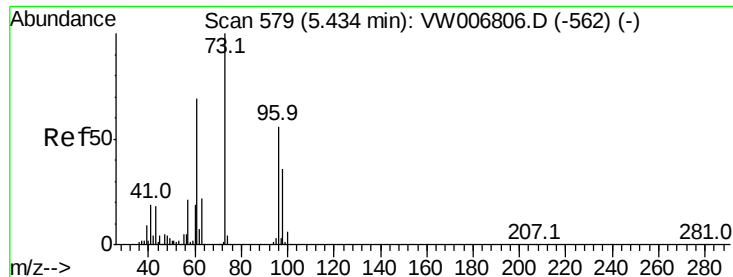
Tgt Ion: 76 Resp: 75652
Ion Ratio Lower Upper
76 100
78 9.9 7.6 11.4



#18
Methyl Acetate
Concen: 8.767 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

Tgt Ion: 43 Resp: 10567
Ion Ratio Lower Upper
43 100
74 28.1 21.9 32.9





#19

Methyl tert-butyl Ether

Concen: 9.730 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

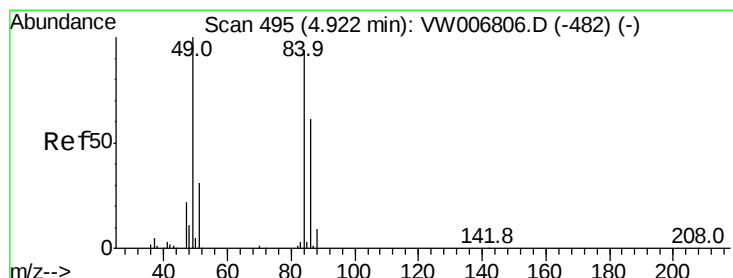
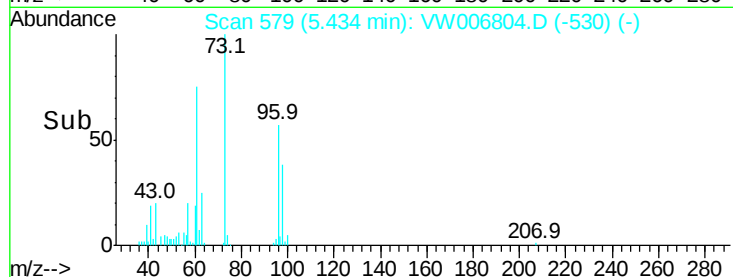
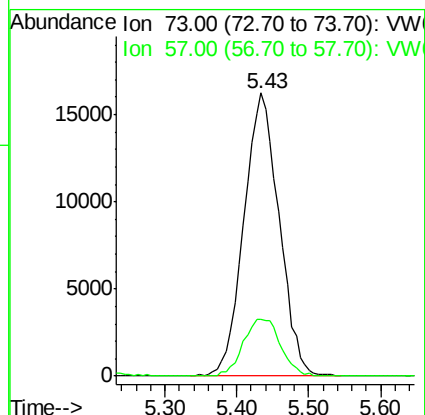
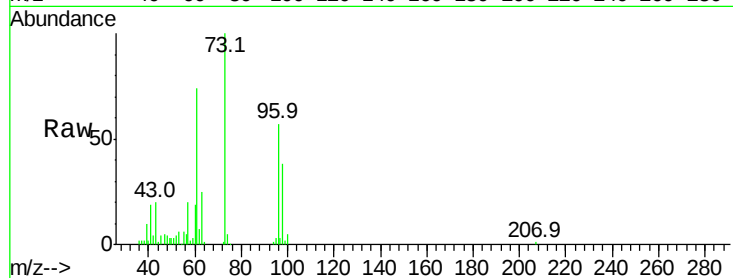
VSTDIC010

Tgt Ion: 73 Resp: 55122

Ion Ratio Lower Upper

73 100

57 19.9 16.8 25.2



#20

Methylene Chloride

Concen: 12.979 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Tgt Ion: 84 Resp: 43099

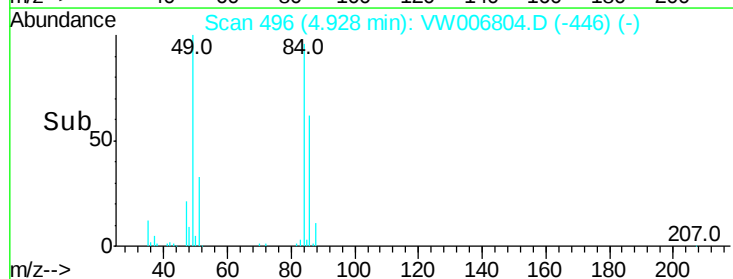
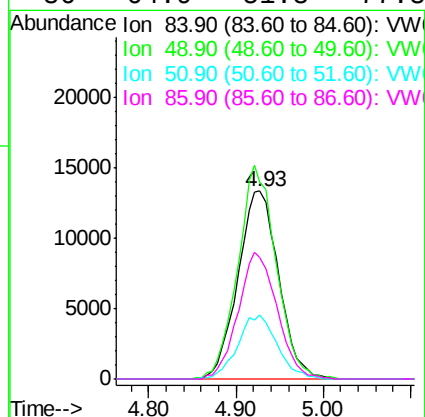
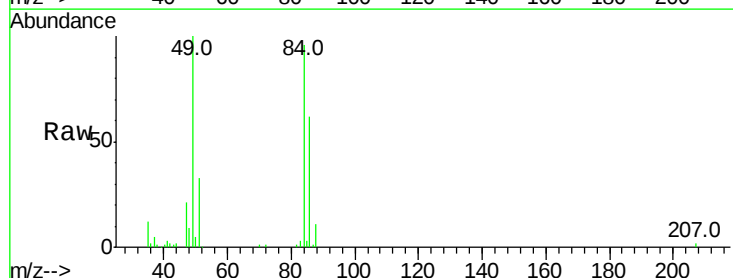
Ion Ratio Lower Upper

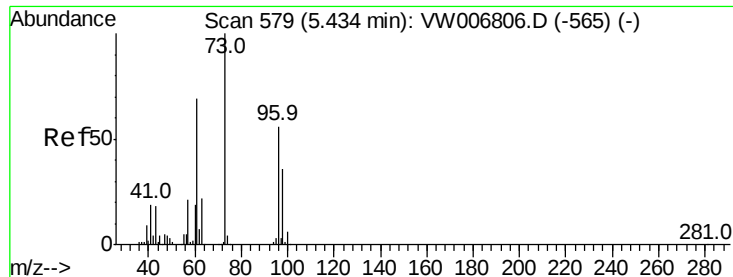
84 100

49 104.6 84.8 127.2

51 34.2 26.2 39.4

86 64.9 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 10.517 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

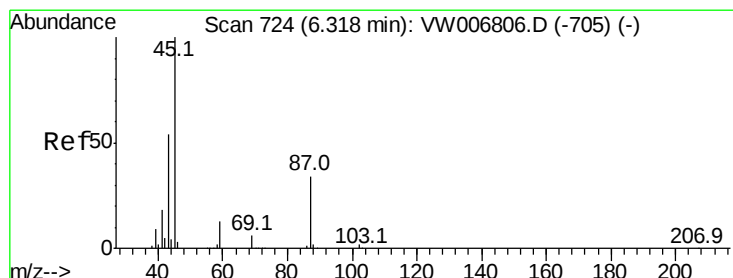
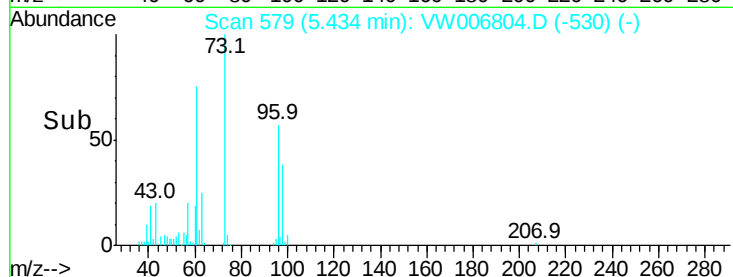
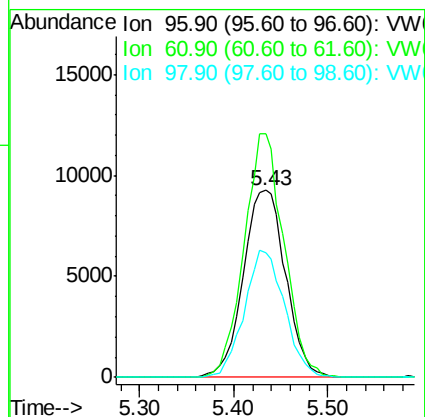
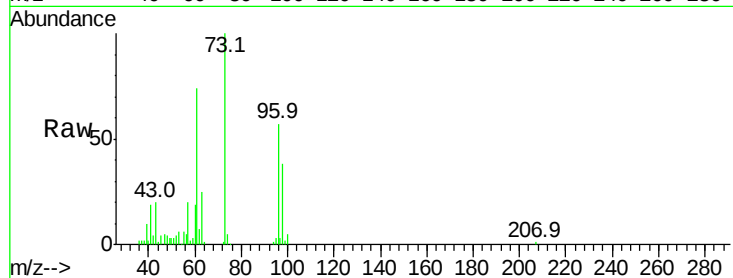
Tgt Ion: 96 Resp: 29096

Ion Ratio Lower Upper

96 100

61 130.1 98.7 148.1

98 66.4 51.2 76.8



#22

Diisopropyl ether

Concen: 9.671 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Tgt Ion: 45 Resp: 63543

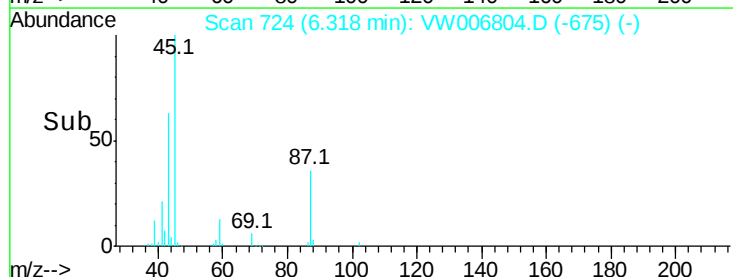
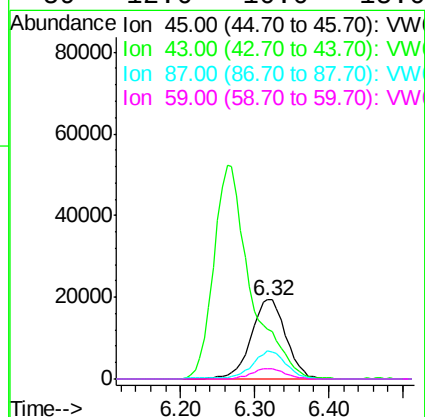
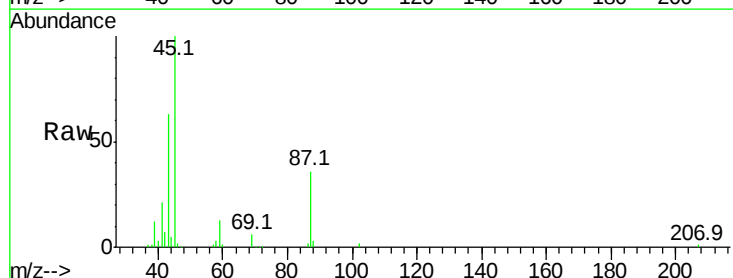
Ion Ratio Lower Upper

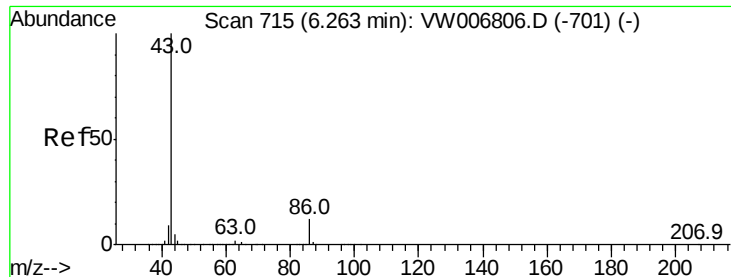
45 100

43 62.2 43.7 65.5

87 36.4 27.2 40.8

59 12.6 10.0 15.0





#23

Vinyl Acetate

Concen: 47.955 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

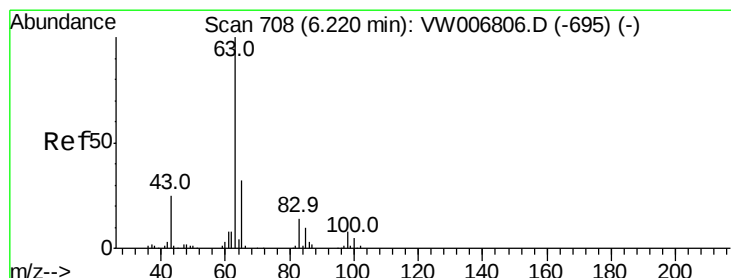
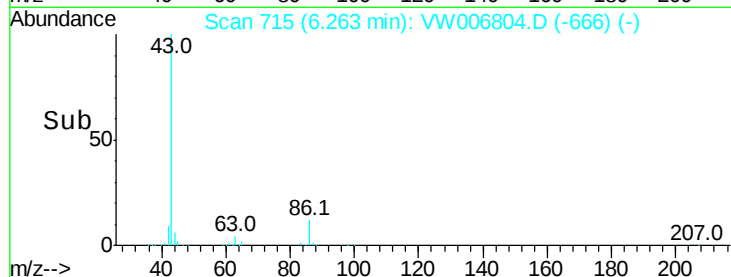
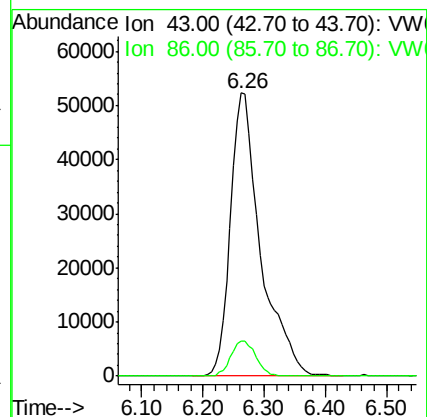
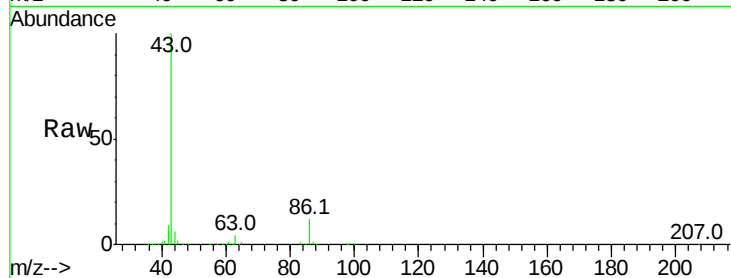
VSTDIC010

Tgt Ion: 43 Resp: 179711

Ion Ratio Lower Upper

43 100

86 12.4 9.6 14.4



#24

1,1-Dichloroethane

Concen: 10.214 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

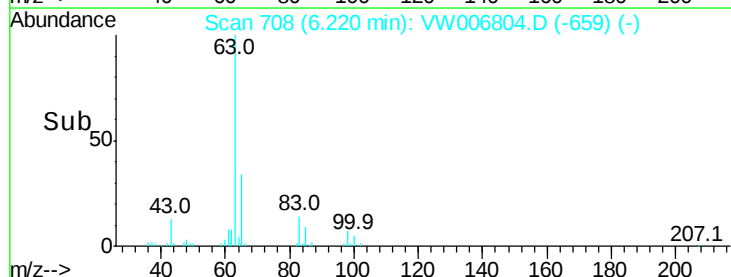
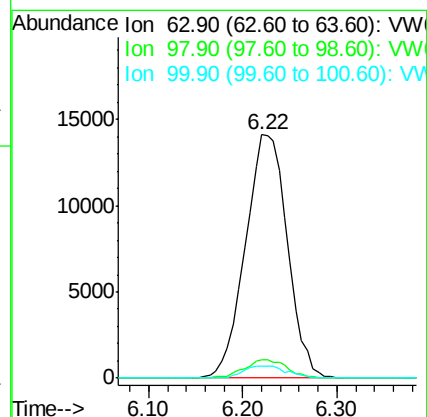
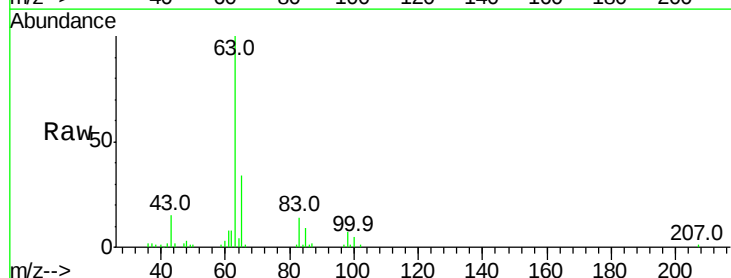
Tgt Ion: 63 Resp: 43905

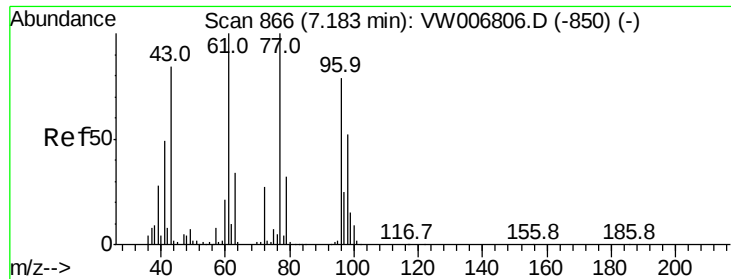
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 50.150 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampled :

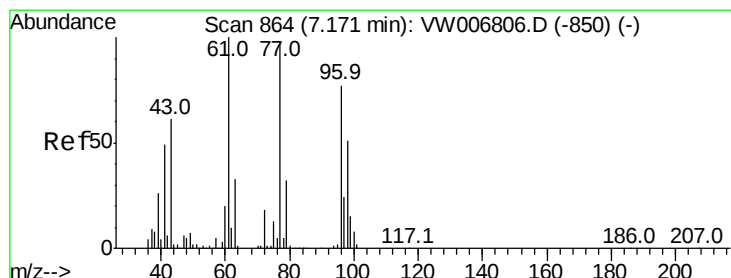
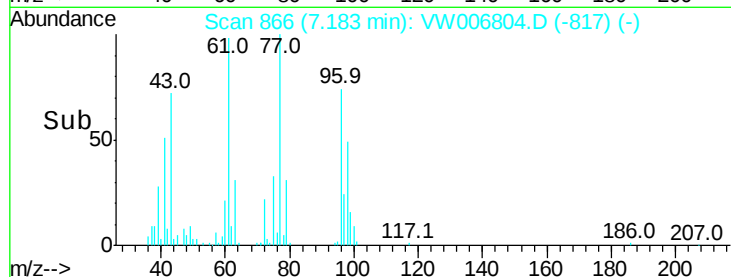
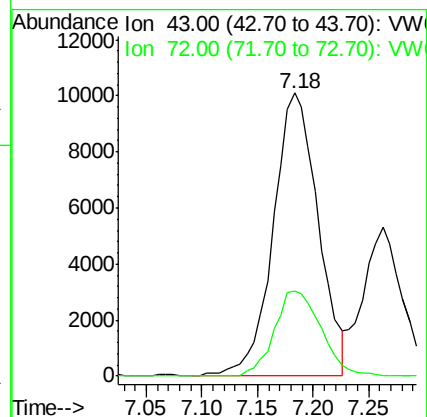
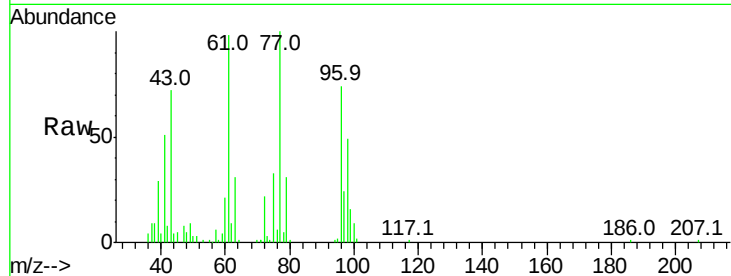
VSTDIC010

Tgt Ion: 43 Resp: 28441

Ion Ratio Lower Upper

43 100

72 30.2 25.3 37.9



#26

2,2-Dichloropropane

Concen: 11.376 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW006804.D

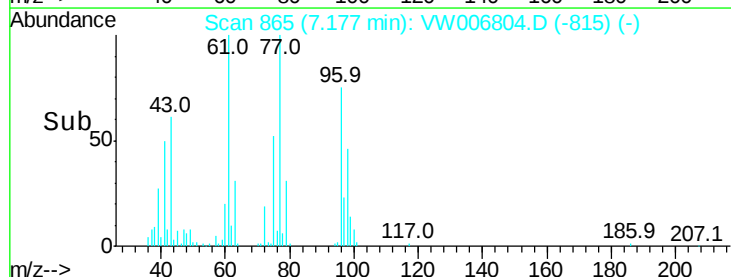
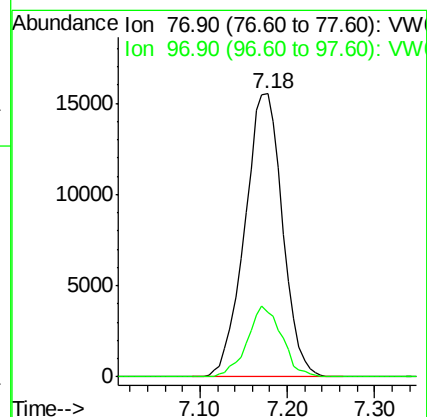
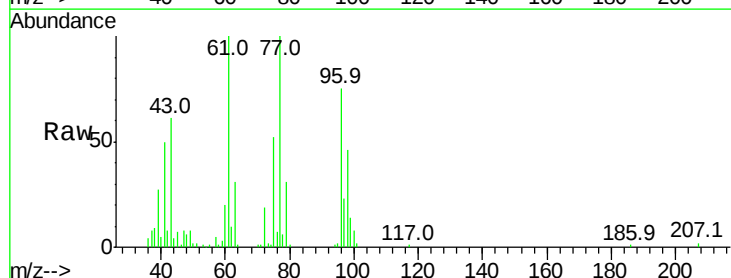
Acq: 12 Nov 2018 12:50

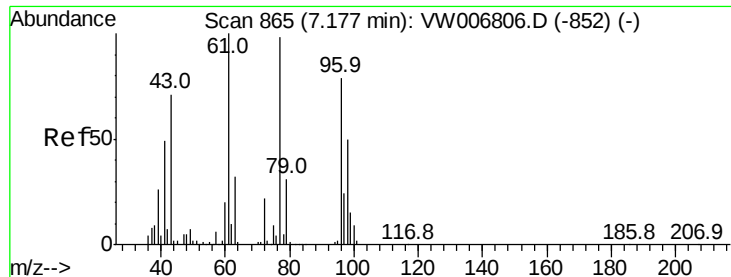
Tgt Ion: 77 Resp: 46589

Ion Ratio Lower Upper

77 100

97 22.8 12.0 36.1



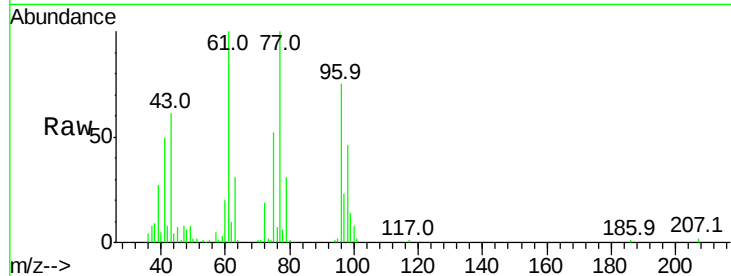


#27

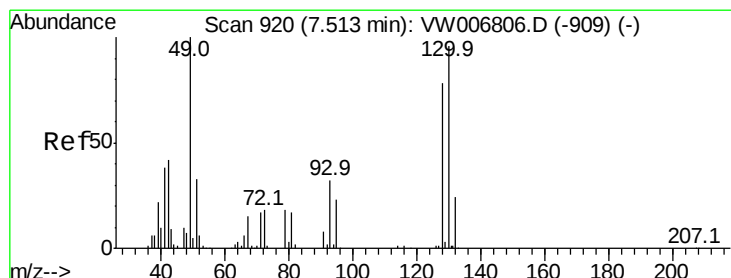
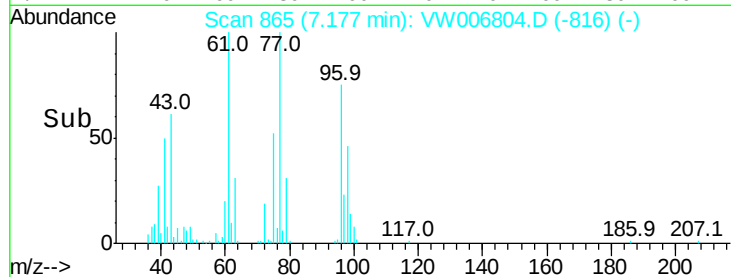
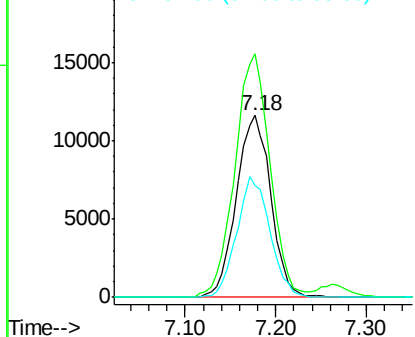
cis-1,2-Dichloroethene
 Concen: 10.335 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 30636
 Ion Ratio Lower Upper
 96 100
 61 135.9 0.0 264.0
 98 63.7 0.0 131.0



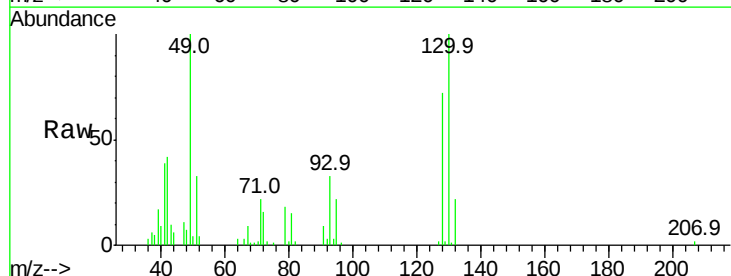
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



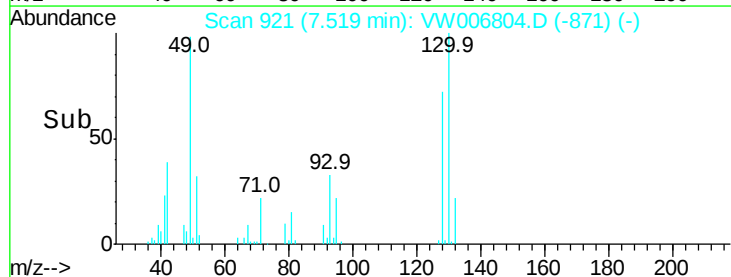
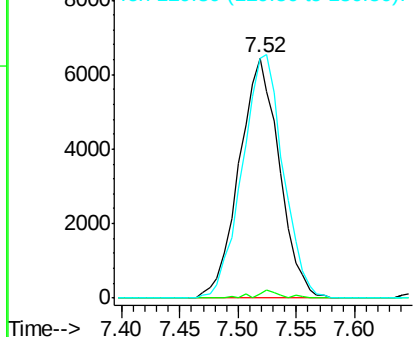
#28

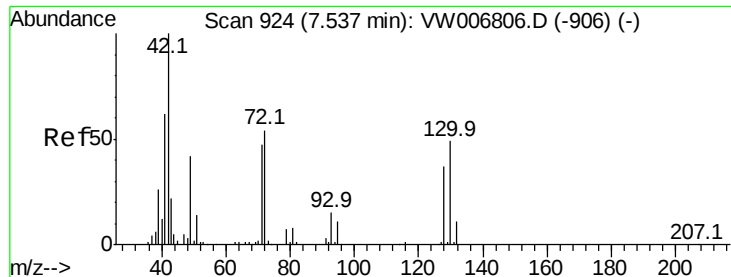
Bromochloromethane
 Concen: 9.593 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

Tgt Ion: 49 Resp: 15445
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 5.6
 130 102.7 83.3 124.9



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

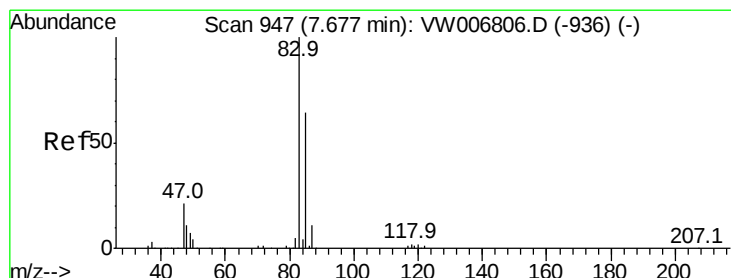
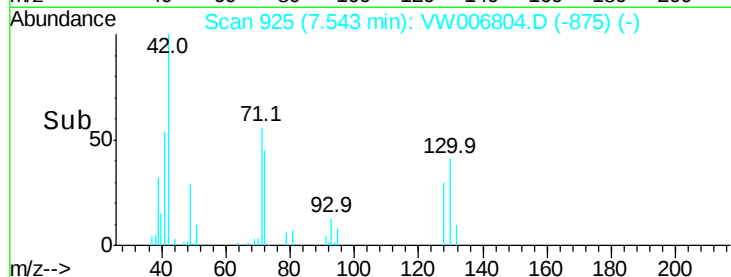
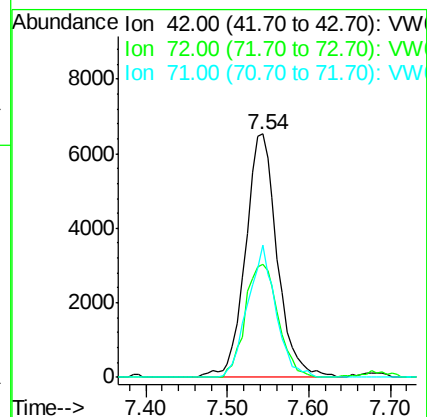
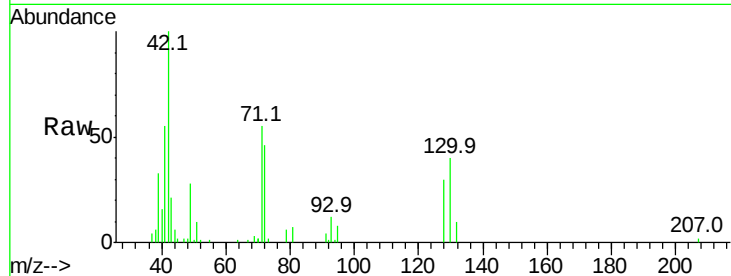




#29
Tetrahydrofuran
Concen: 47.468 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

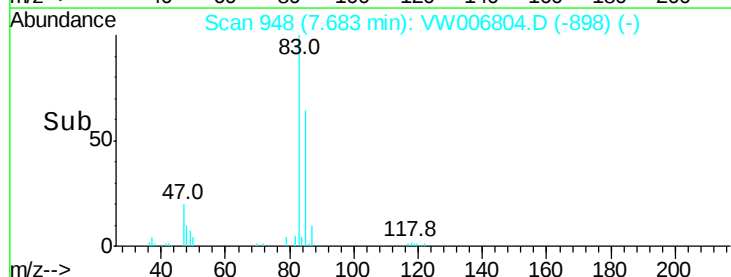
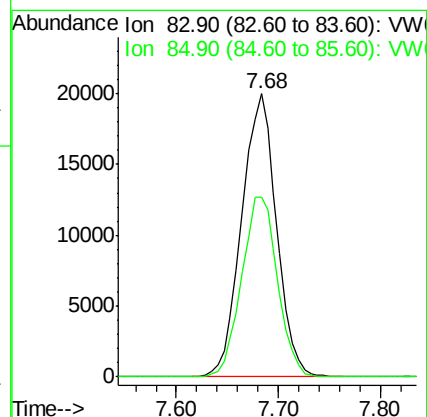
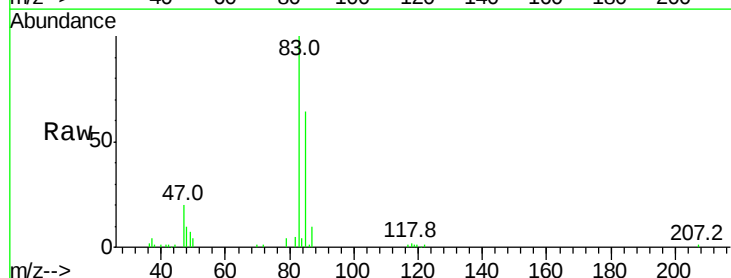
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

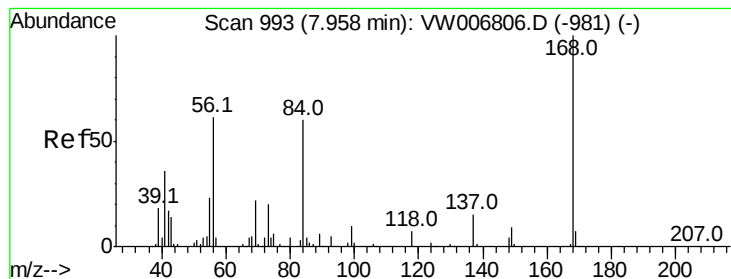
Tgt Ion: 42 Resp: 17644
Ion Ratio Lower Upper
42 100
72 48.2 40.9 61.3
71 48.1 36.9 55.3



#30
Chloroform
Concen: 9.933 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

Tgt Ion: 83 Resp: 47309
Ion Ratio Lower Upper
83 100
85 63.7 51.5 77.3





#31

Cyclohexane

Concen: 10.696 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

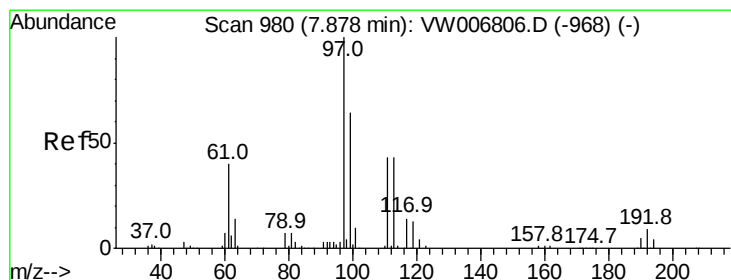
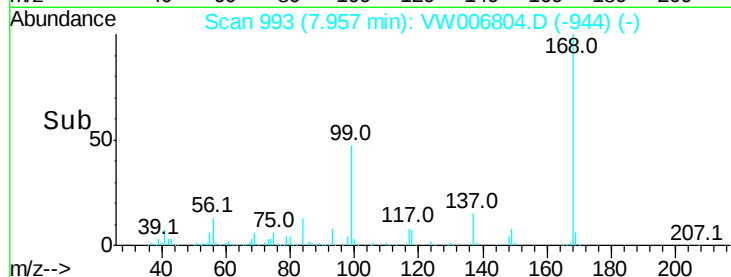
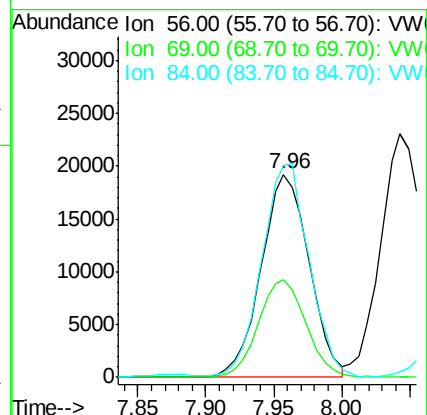
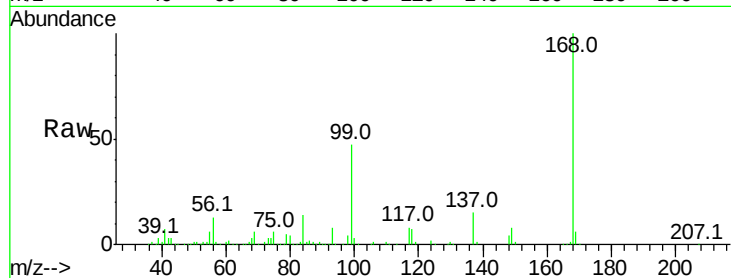
Tgt Ion: 56 Resp: 47350

Ion Ratio Lower Upper

56 100

69 48.3 28.9 43.3#

84 103.1 79.0 118.4



#32

1,1,1-Trichloroethane

Concen: 10.681 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

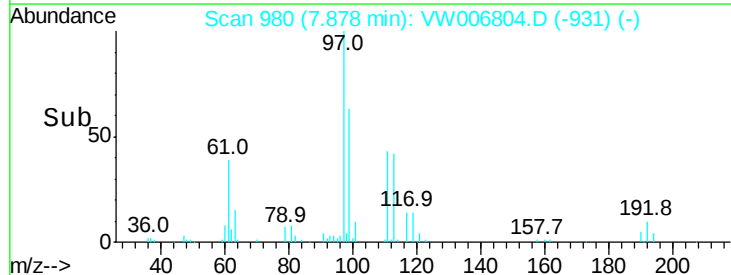
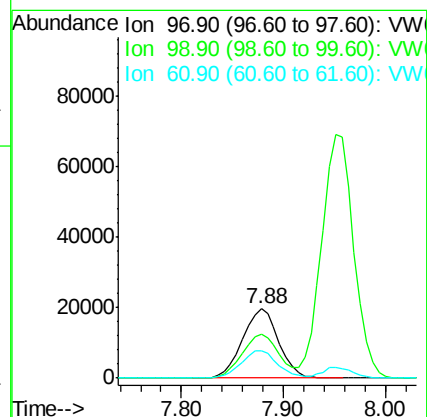
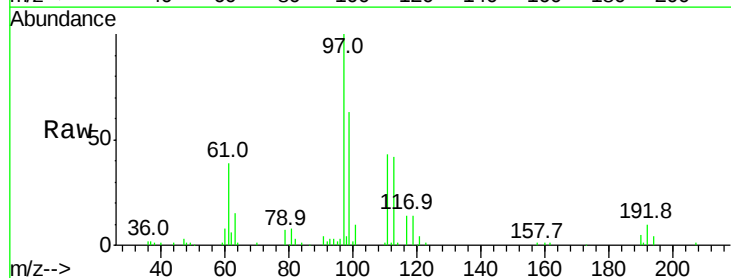
Tgt Ion: 97 Resp: 48279

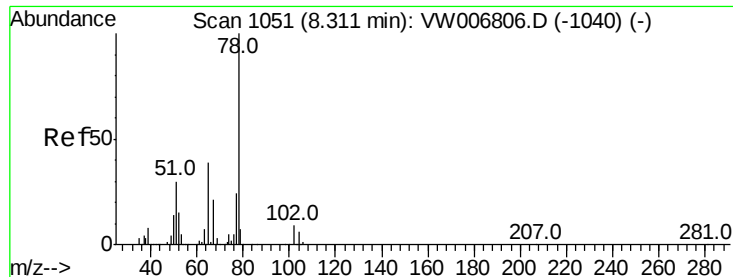
Ion Ratio Lower Upper

97 100

99 66.1 51.6 77.4

61 40.2 32.2 48.4





#33

1,2-Dichloroethane-d4

Concen: 10.836 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

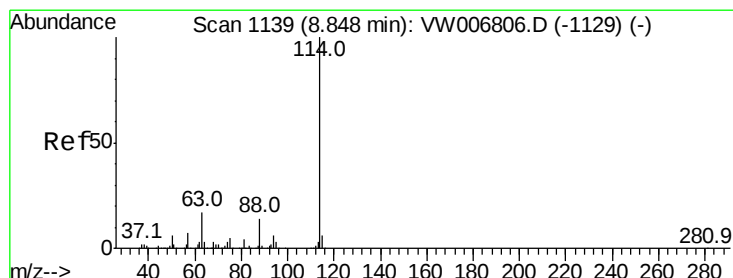
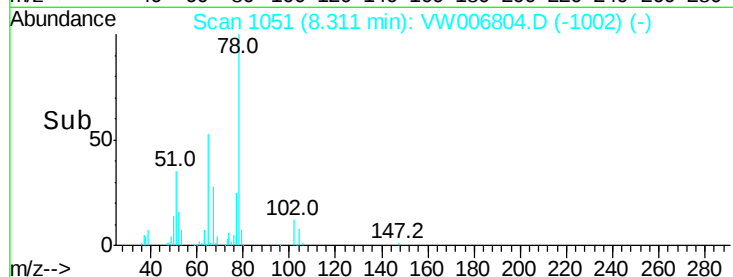
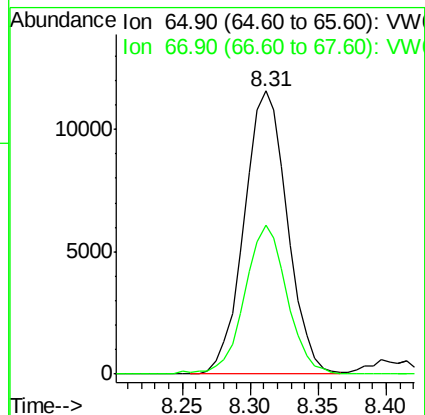
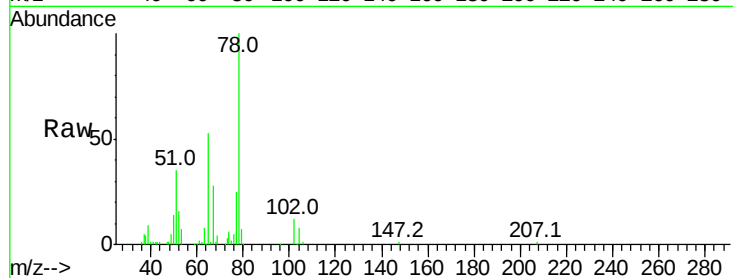
VSTDIC010

Tgt Ion: 65 Resp: 25713

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

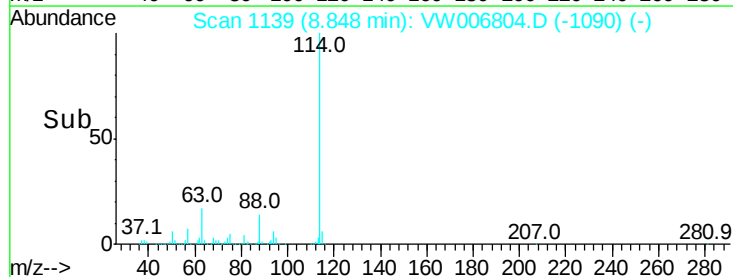
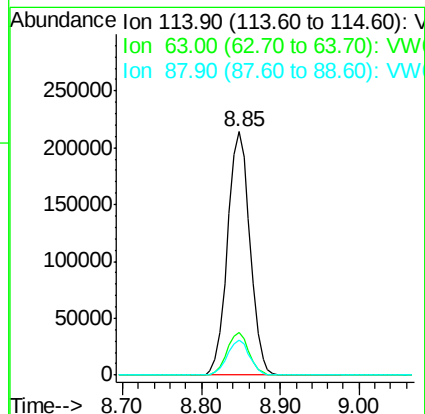
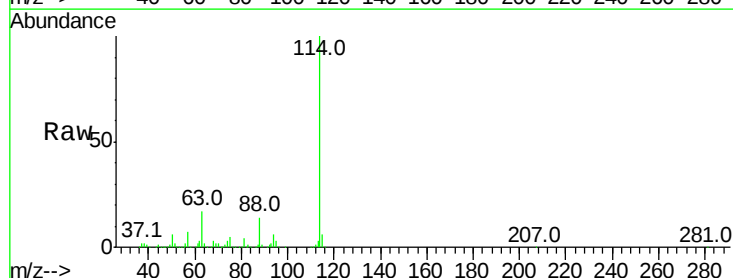
Tgt Ion: 114 Resp: 422477

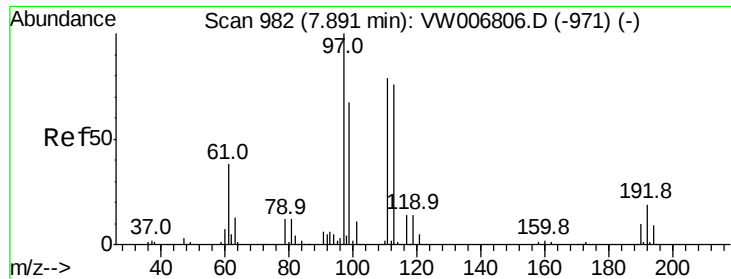
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.6

88 14.2 0.0 28.4

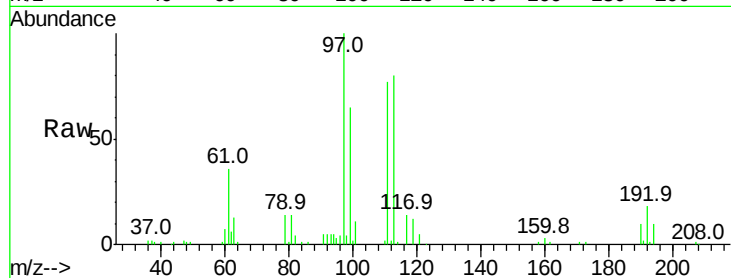




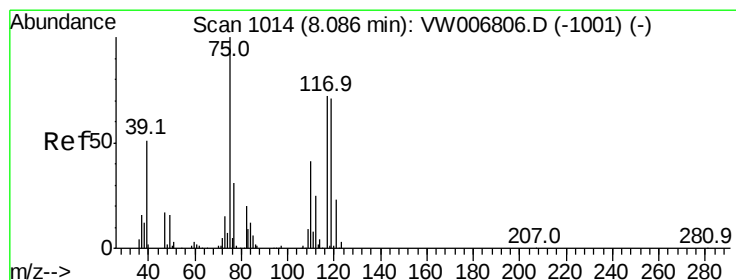
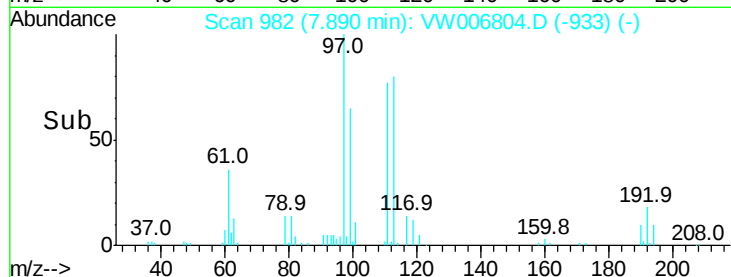
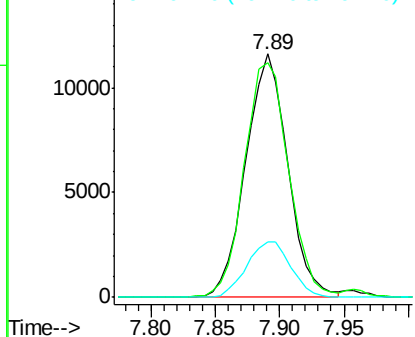
#35
 Dibromofluoromethane
 Concen: 10.910 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:113 Resp: 26236
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.0 121.6
 192 23.7 19.0 28.6

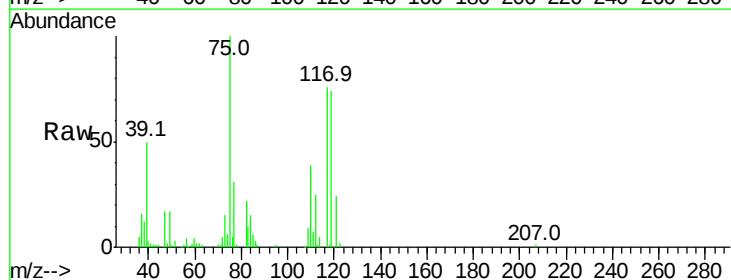


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

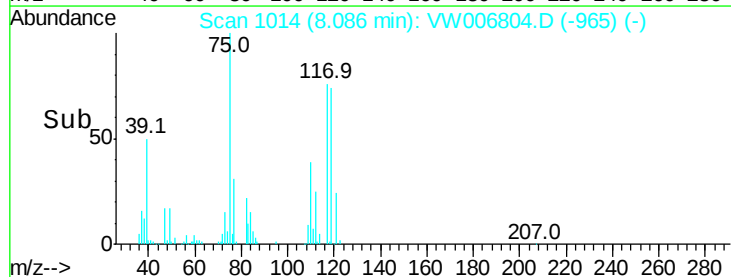
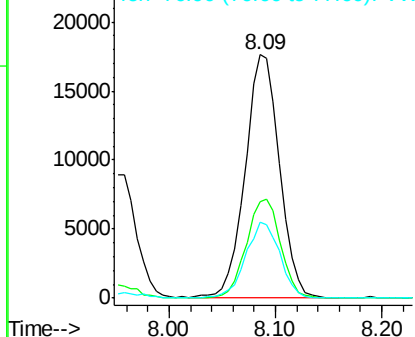


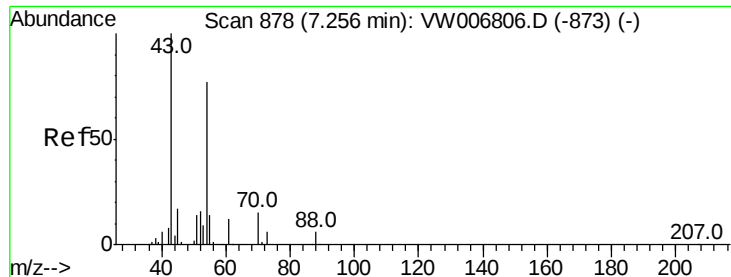
#36
 1,1-Dichloropropene
 Concen: 10.435 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

Tgt Ion: 75 Resp: 40004
 Ion Ratio Lower Upper
 75 100
 110 40.4 19.9 59.6
 77 31.1 25.4 38.2



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

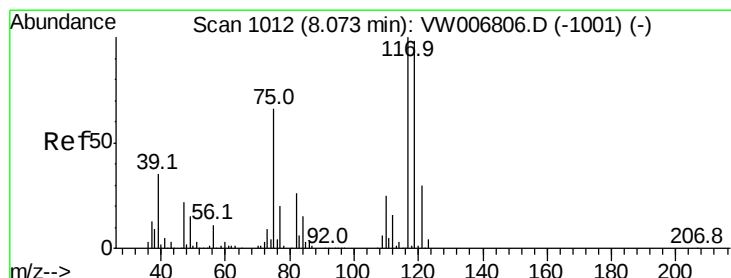
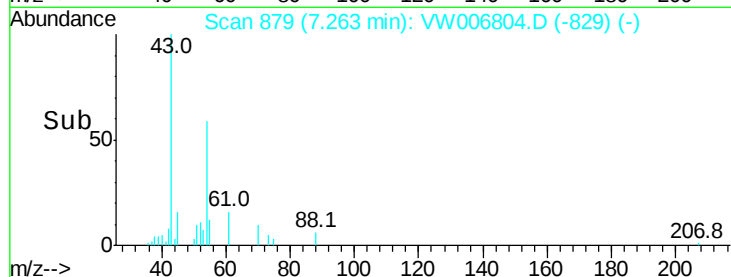
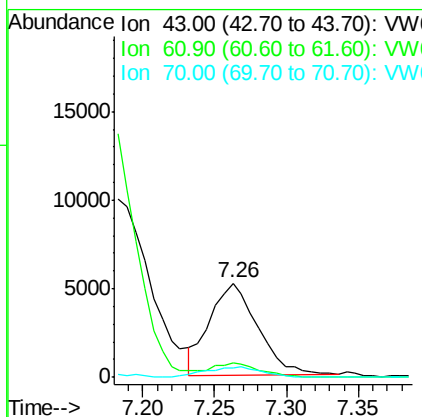
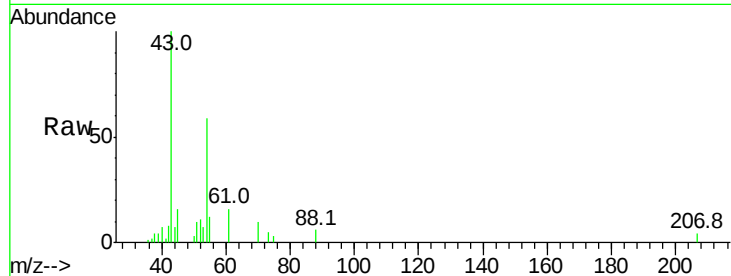




#37
Ethyl Acetate
Concen: 8.980 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

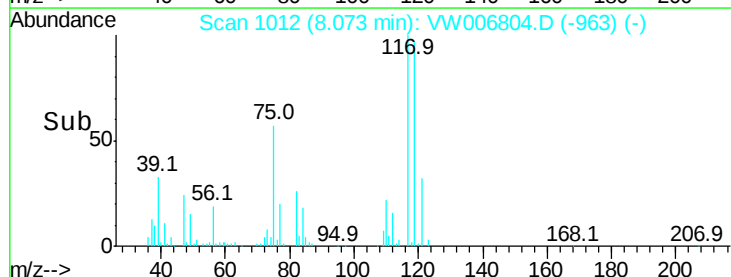
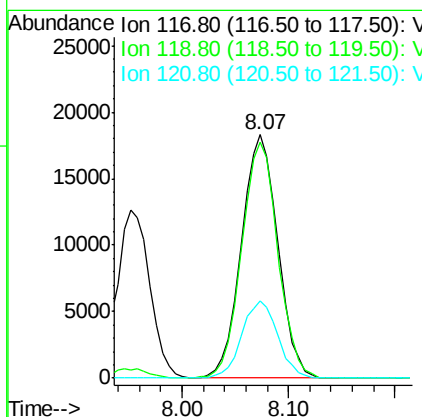
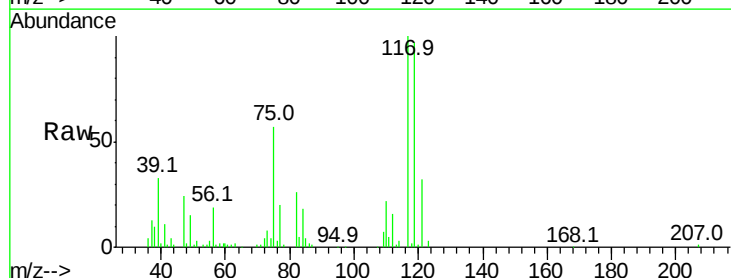
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

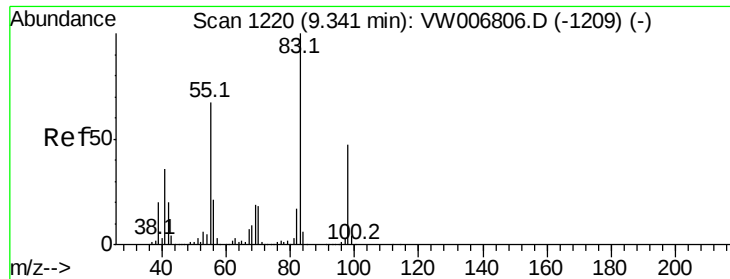
Tgt Ion: 43 Resp: 12226
Ion Ratio Lower Upper
43 100
61 16.4 11.7 17.5
70 12.9 10.0 15.0



#38
Carbon Tetrachloride
Concen: 10.733 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

Tgt Ion: 117 Resp: 43962
Ion Ratio Lower Upper
117 100
119 96.9 78.5 117.7
121 31.5 24.2 36.2

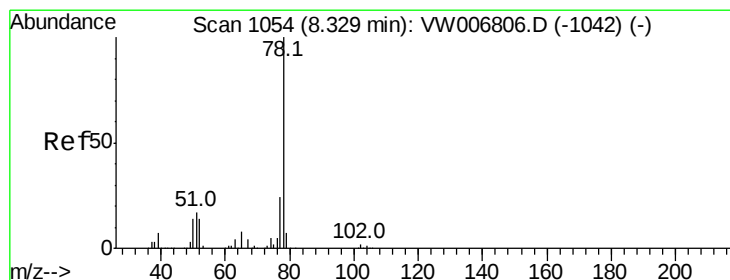
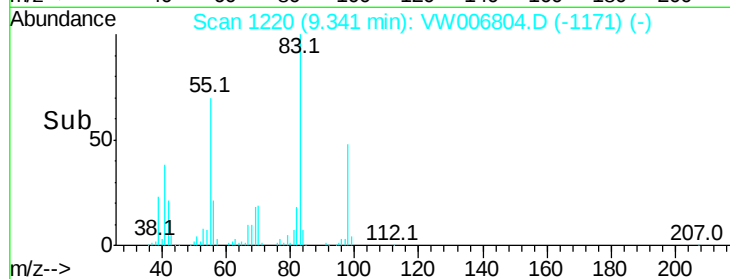
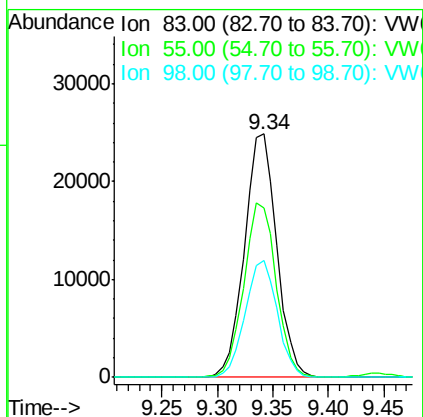
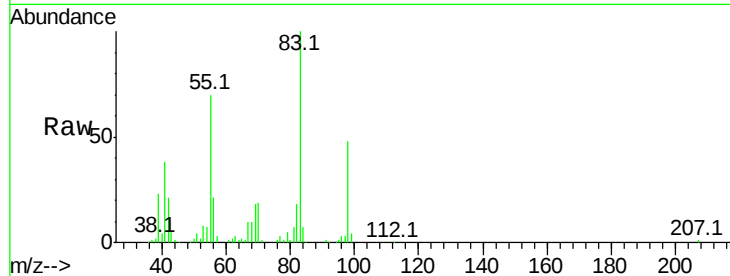




#39
Methylcyclohexane
Concen: 10.265 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

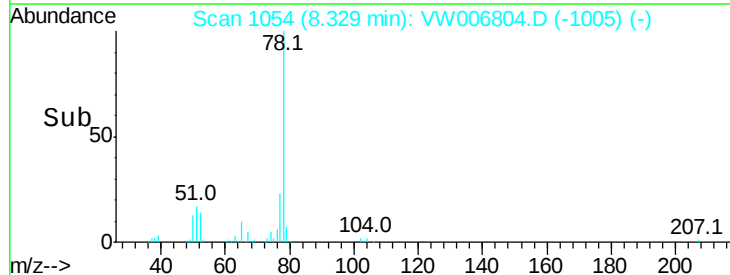
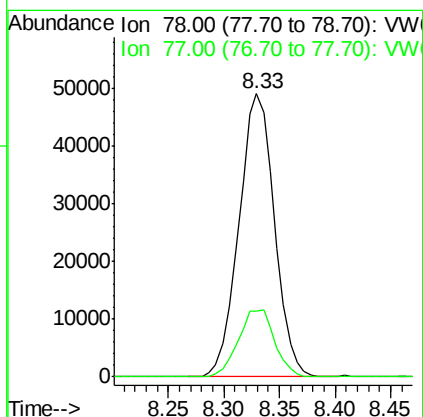
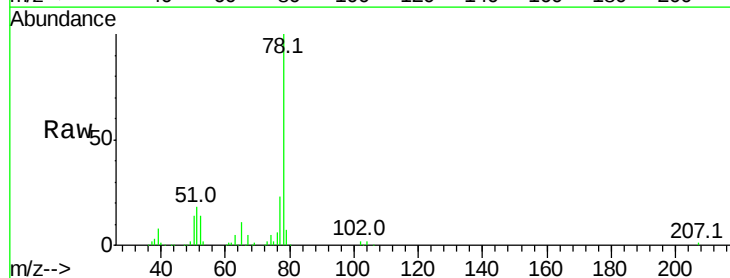
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

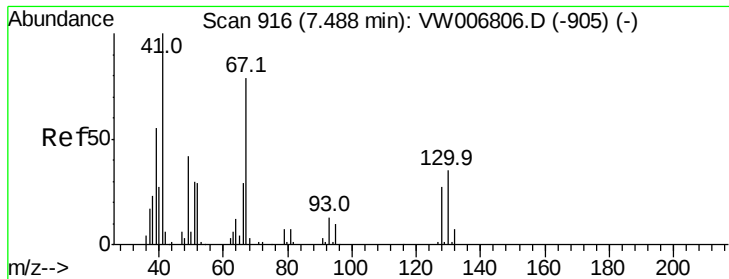
Tgt Ion: 83 Resp: 50105
Ion Ratio Lower Upper
83 100
55 69.6 53.3 79.9
98 47.9 37.9 56.9



#40
Benzene
Concen: 10.074 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

Tgt Ion: 78 Resp: 109055
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6





#41

Methacrylonitrile

Concen: 9.347 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tgt Ion: 41 Resp: 7383

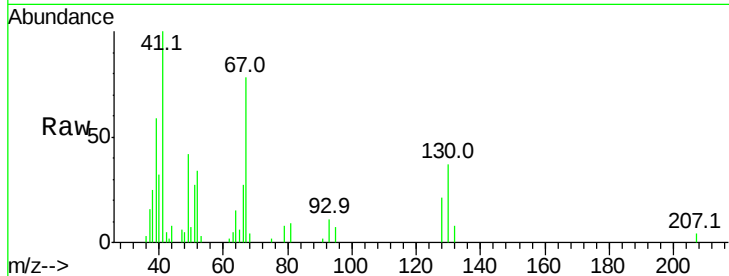
Ion Ratio Lower Upper

41 100

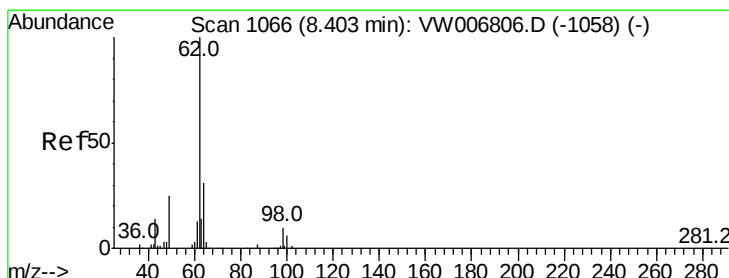
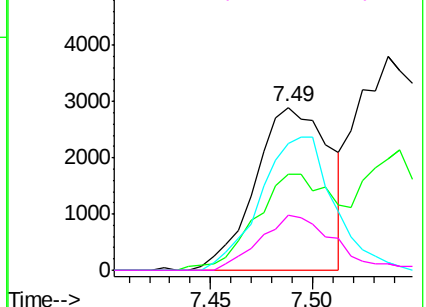
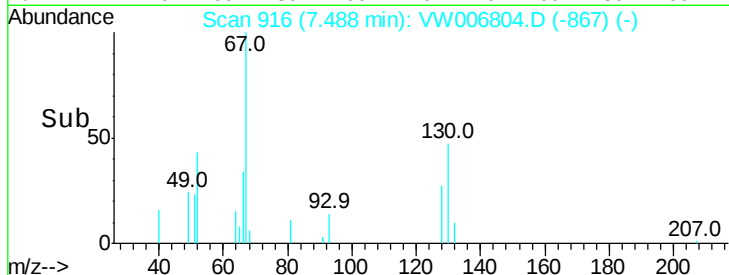
39 64.7 48.1 72.1

67 80.6 61.4 92.2

52 33.8 23.2 34.8



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: 10.141 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW006804.D

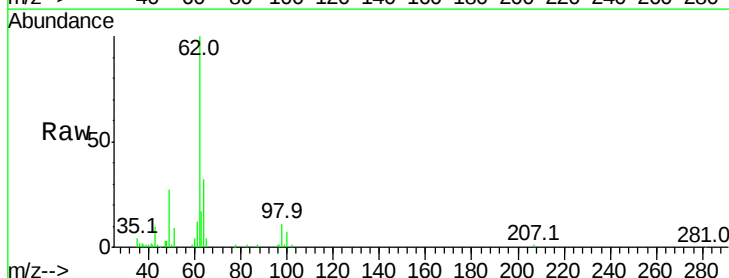
Acq: 12 Nov 2018 12:50

Tgt Ion: 62 Resp: 29881

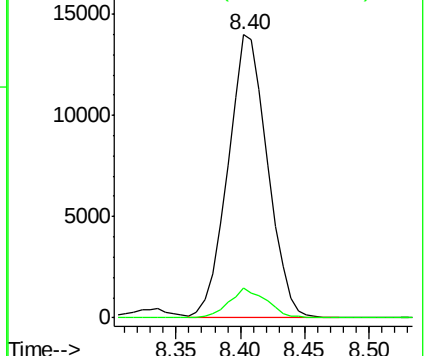
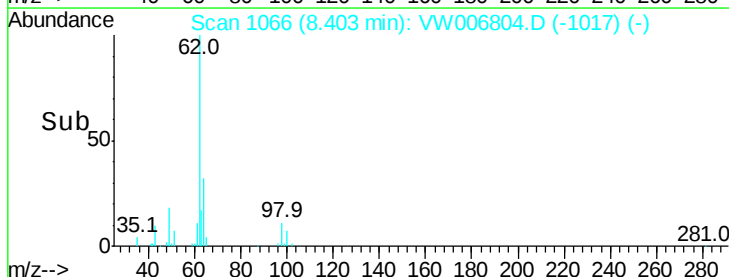
Ion Ratio Lower Upper

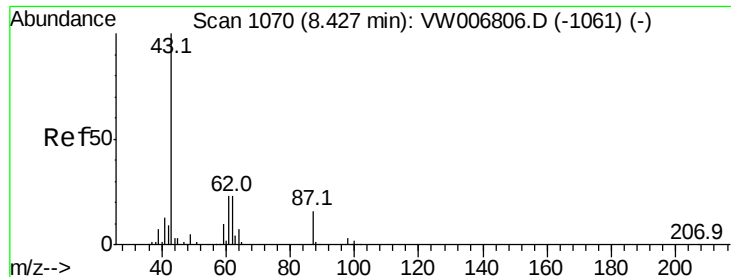
62 100

98 9.8 0.0 20.0



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





#43

Isopropyl Acetate

Concen: 9.107 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

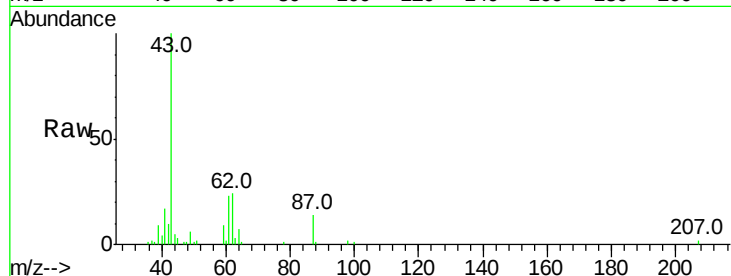
Tgt Ion: 43 Resp: 23243

Ion Ratio Lower Upper

43 100

61 34.5 27.0 40.4

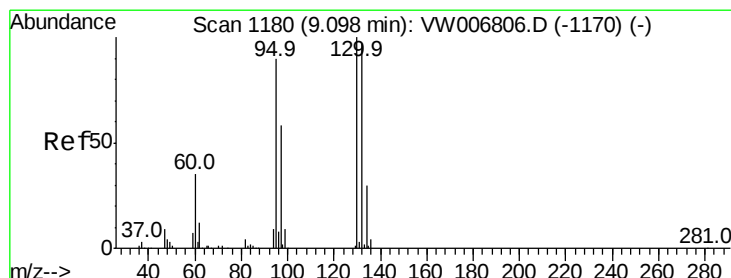
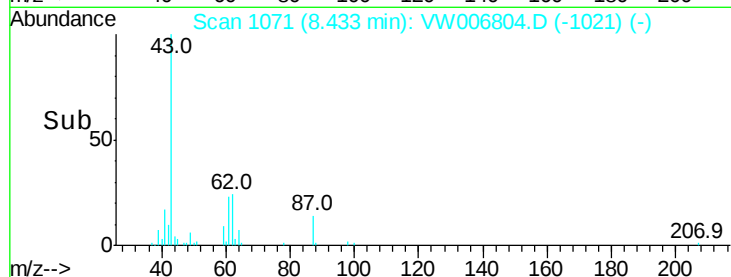
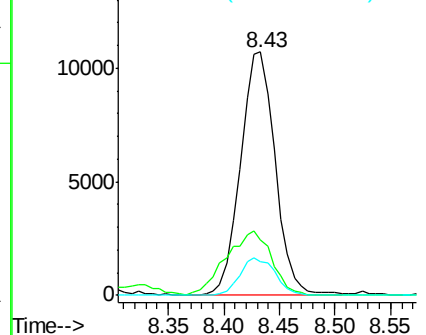
87 15.6 13.0 19.4



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: 10.375 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW006804.D

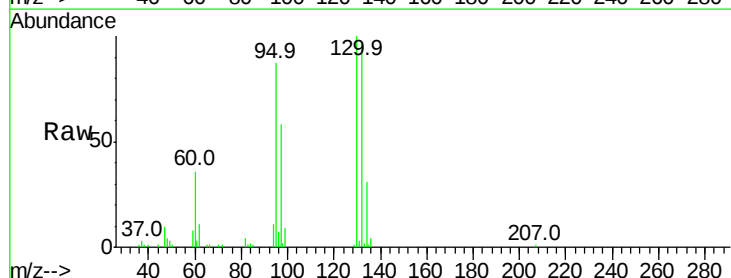
Acq: 12 Nov 2018 12:50

Tgt Ion: 130 Resp: 34532

Ion Ratio Lower Upper

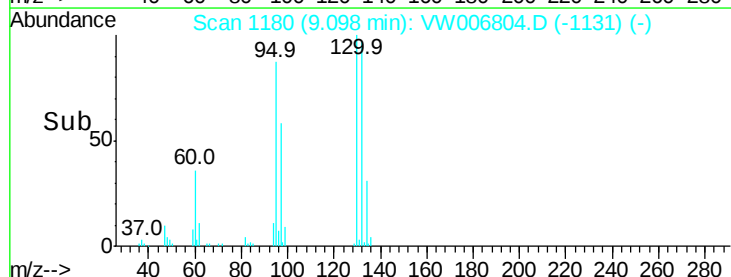
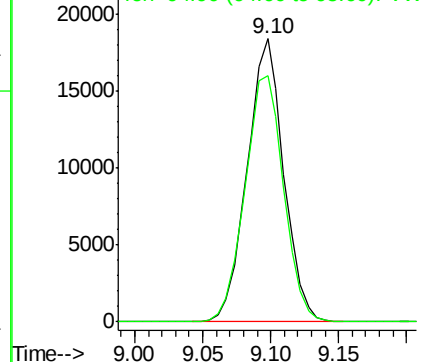
130 100

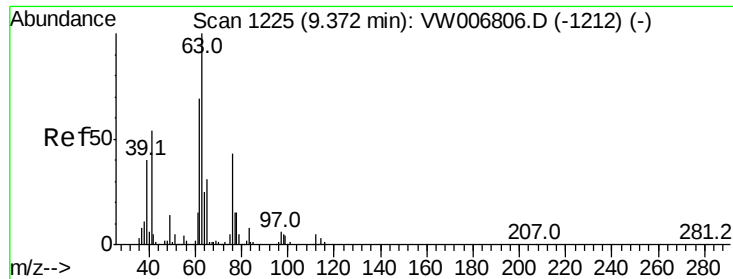
95 86.9 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 9.835 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

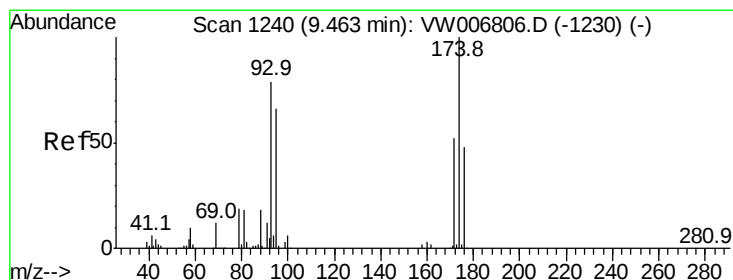
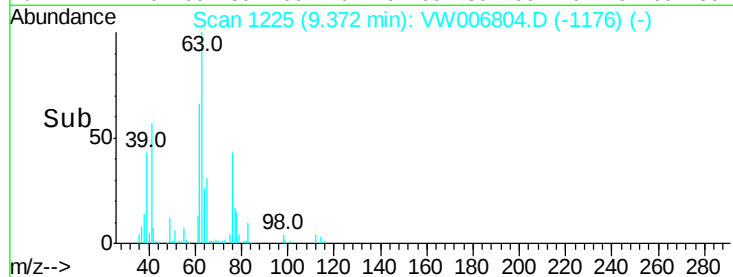
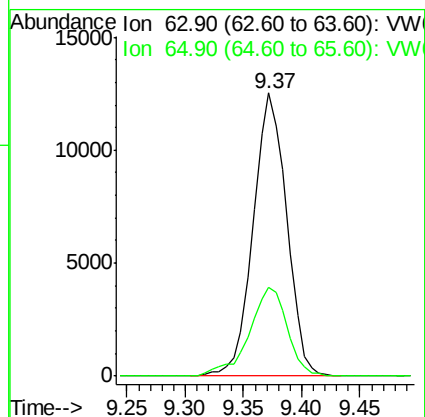
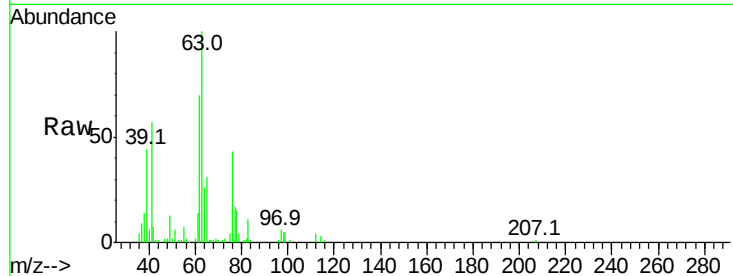
VSTDIC010

Tgt Ion: 63 Resp: 25005

Ion Ratio Lower Upper

63 100

65 31.4 24.4 36.6



#46

Dibromomethane

Concen: 9.837 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

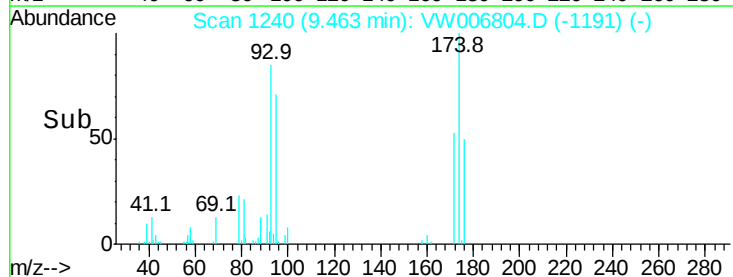
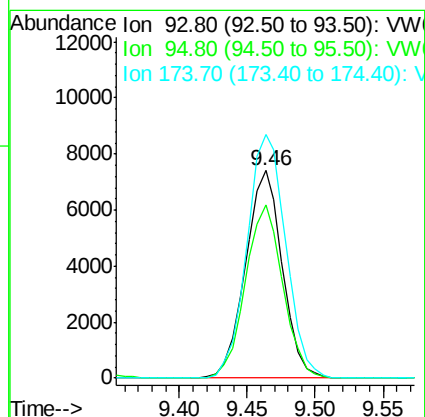
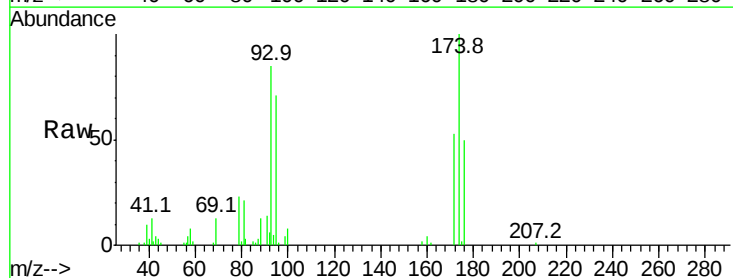
Tgt Ion: 93 Resp: 14041

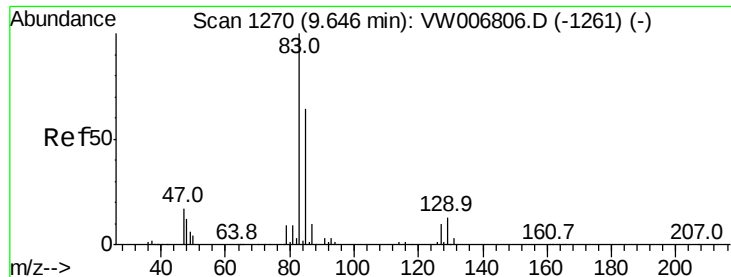
Ion Ratio Lower Upper

93 100

95 84.5 67.0 100.6

174 123.9 98.6 147.8





#47

Bromodichloromethane

Concen: 10.087 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

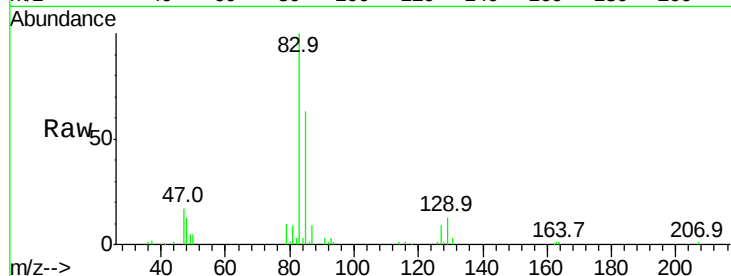
Tgt Ion: 83 Resp: 34937

Ion Ratio Lower Upper

83 100

85 62.8 51.4 77.0

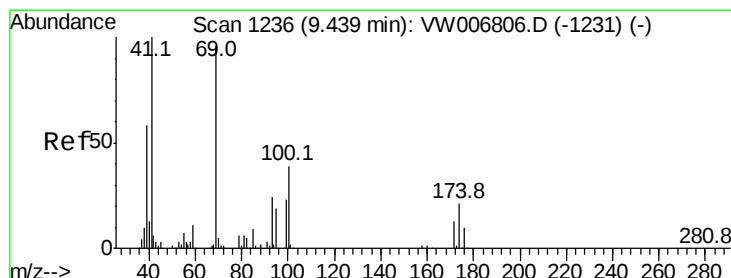
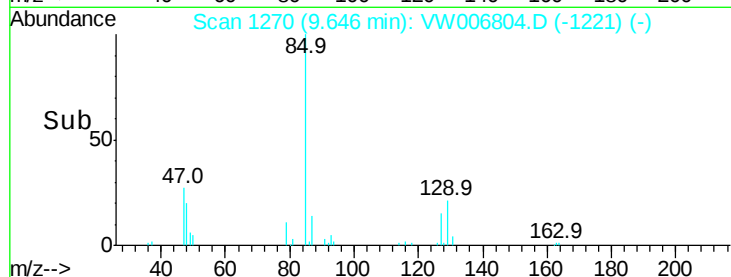
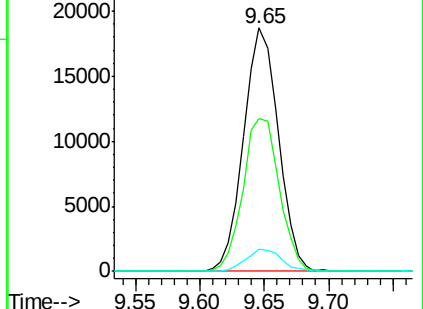
127 9.2 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 9.968 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

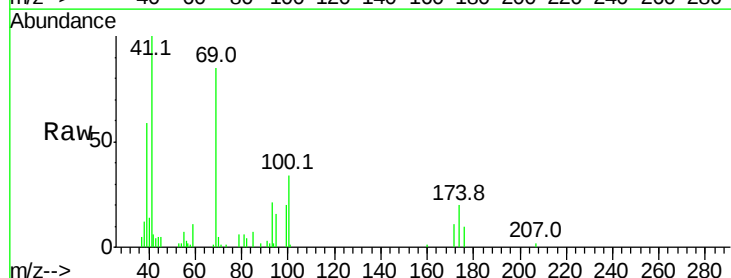
Tgt Ion: 41 Resp: 11982

Ion Ratio Lower Upper

41 100

69 93.4 79.8 119.6

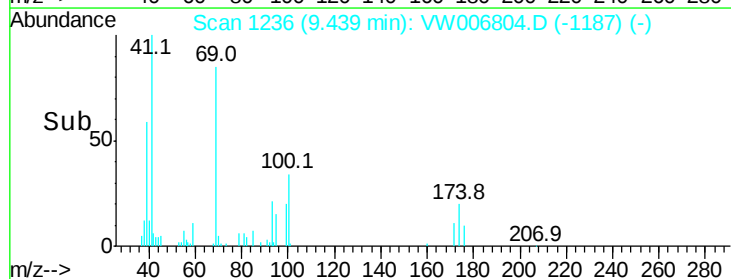
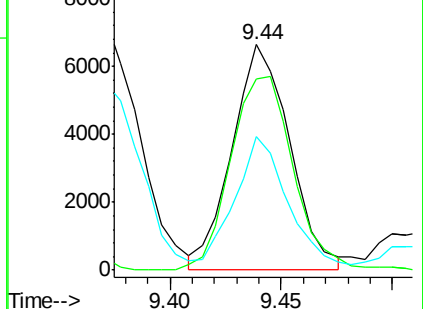
39 50.6 45.9 68.9

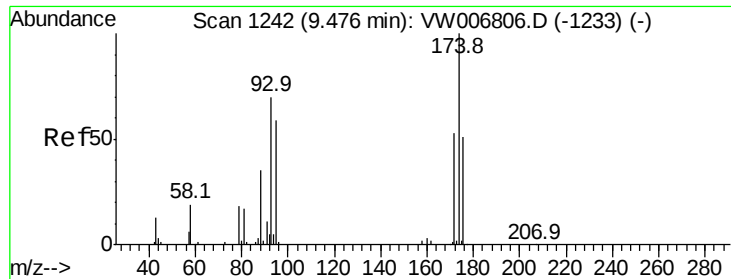


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

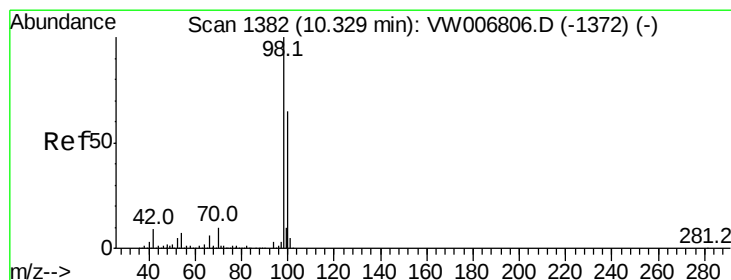
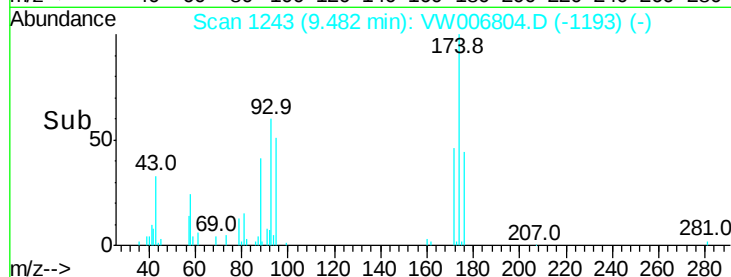
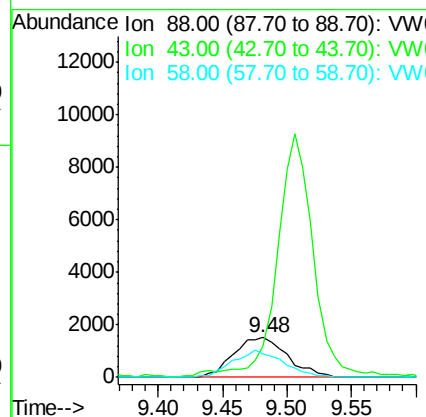
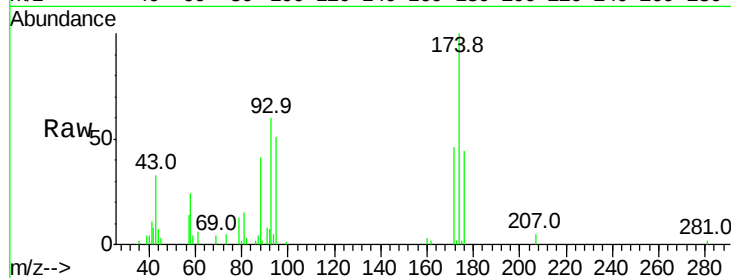




#49
1,4-Dioxane
Concen: 204.634 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

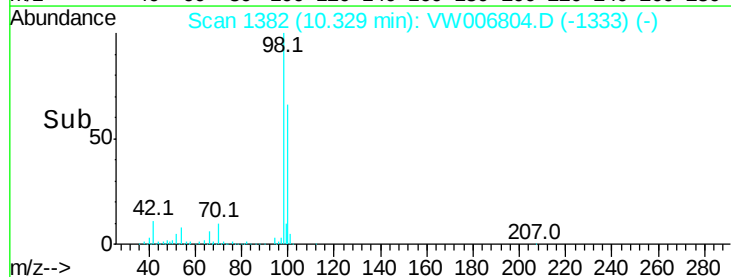
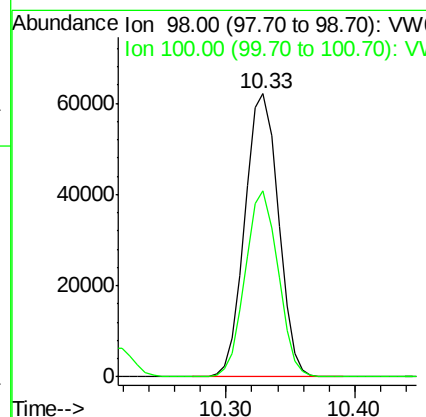
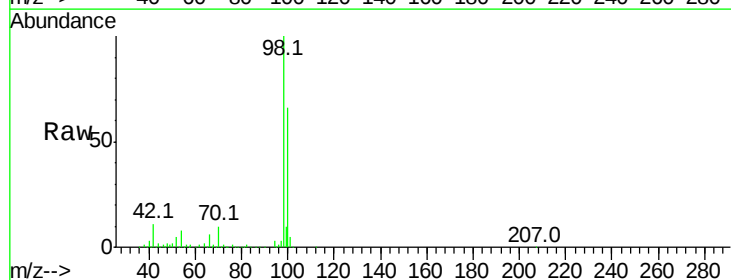
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

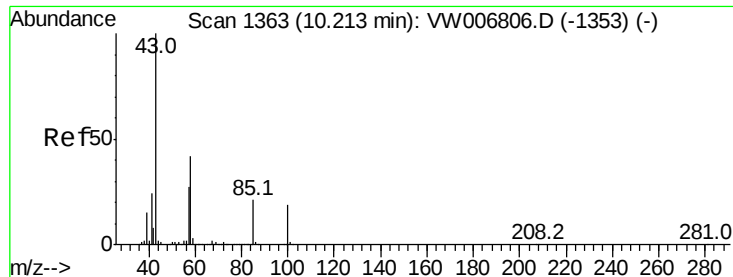
Tgt Ion: 88 Resp: 4373
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 64.1 50.6 75.8



#50
Toluene-d8
Concen: 11.059 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

Tgt Ion: 98 Resp: 111923
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2

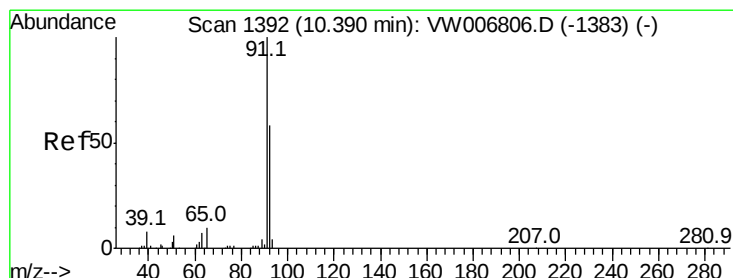
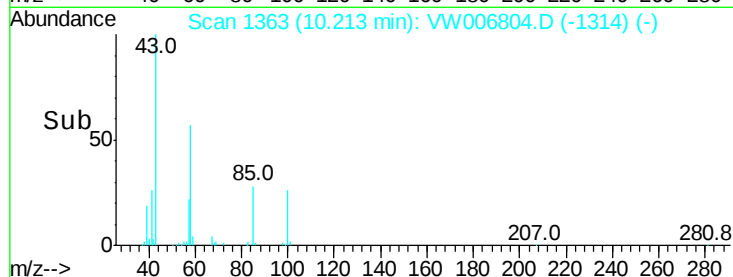
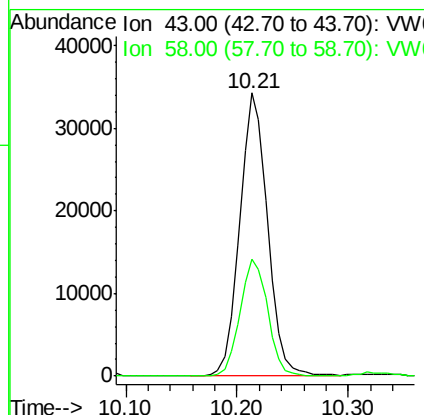
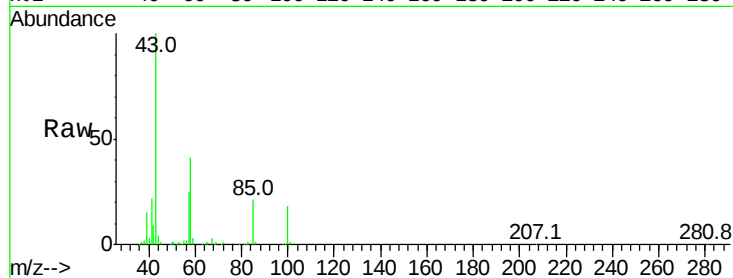




#51
4-Methyl-2-Pentanone
Concen: 45.250 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

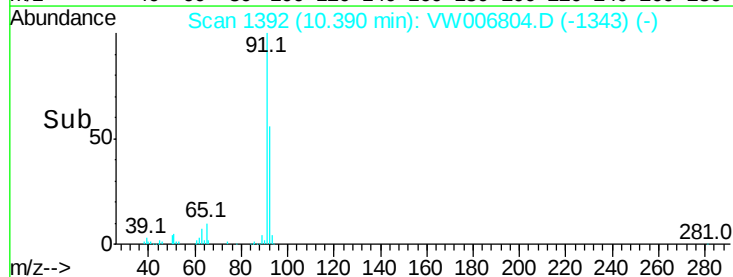
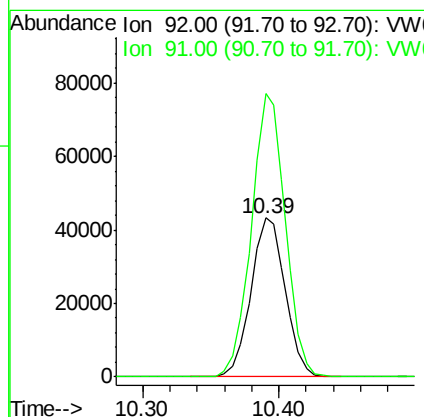
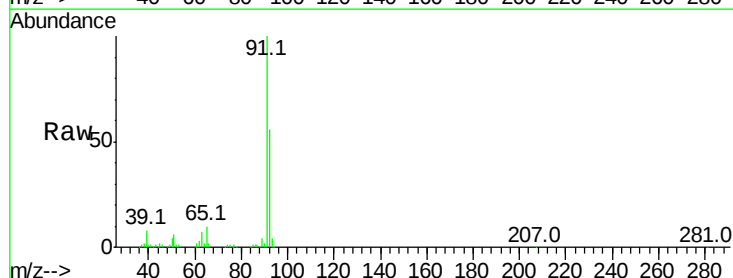
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

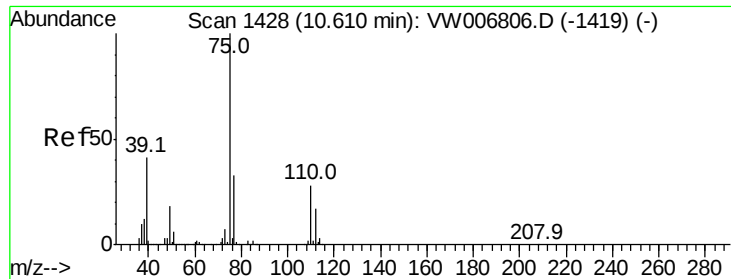
Tgt Ion: 43 Resp: 59334
Ion Ratio Lower Upper
43 100
58 41.2 34.0 51.0



#52
Toluene
Concen: 10.036 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

Tgt Ion: 92 Resp: 76383
Ion Ratio Lower Upper
92 100
91 176.2 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 9.682 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

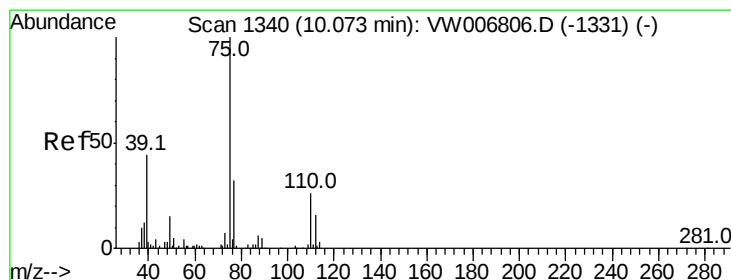
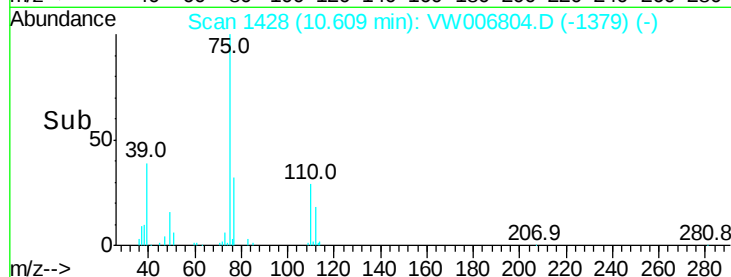
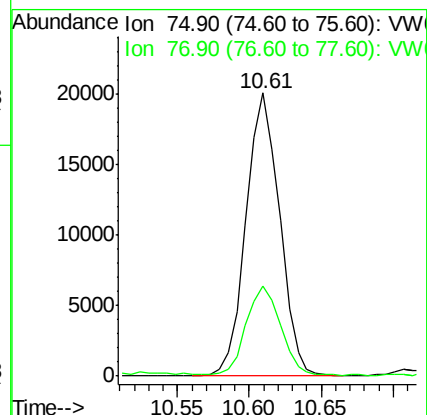
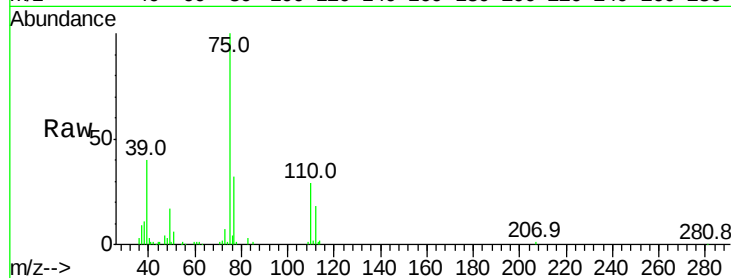
VSTDIC010

Tgt Ion: 75 Resp: 32518

Ion Ratio Lower Upper

75 100

77 31.4 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 9.905 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

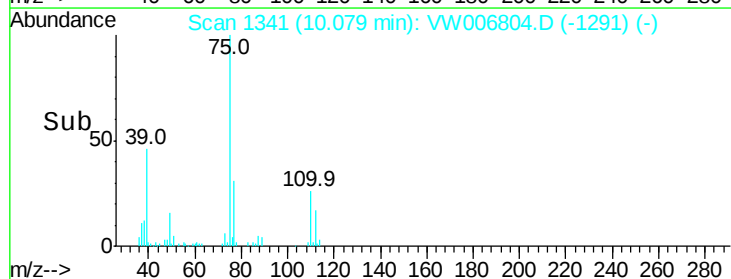
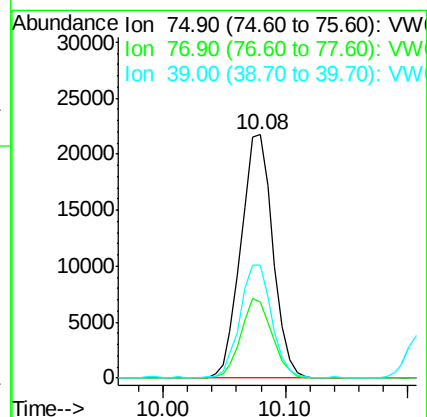
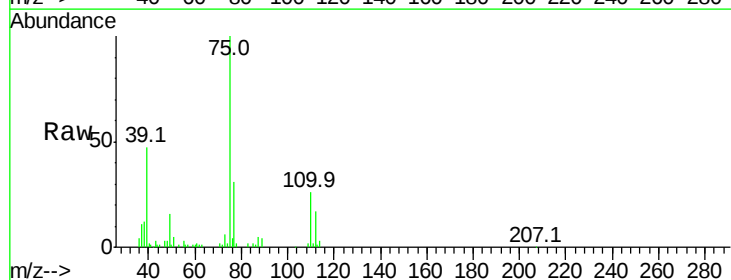
Tgt Ion: 75 Resp: 39442

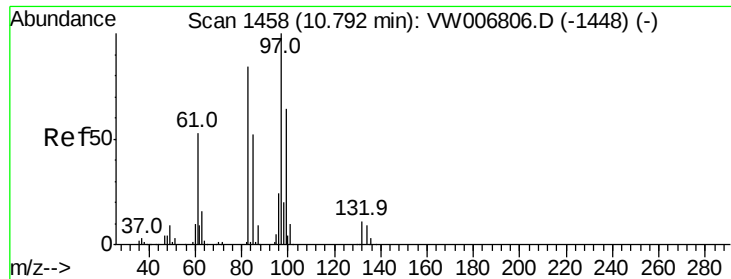
Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8

39 46.5 35.3 52.9

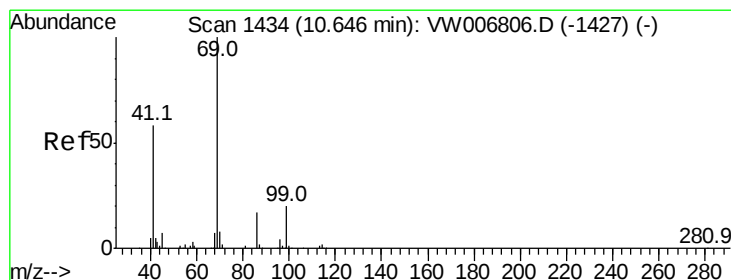
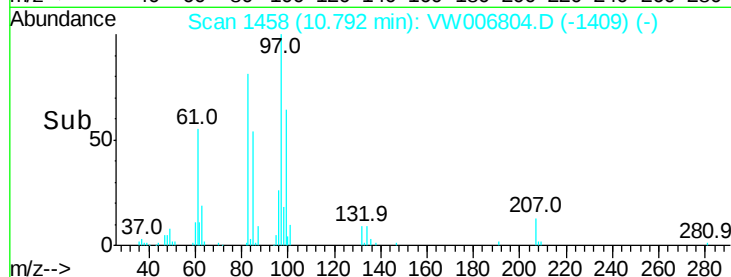
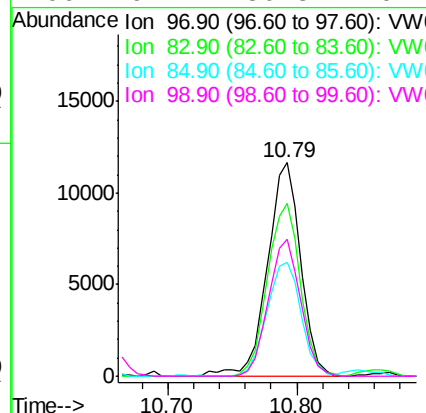
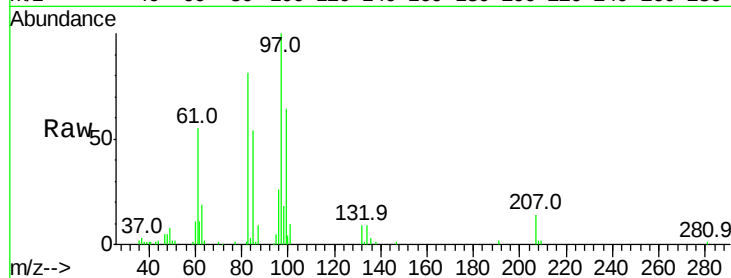




#55
 1,1,2-Trichloroethane
 Concen: 9.885 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

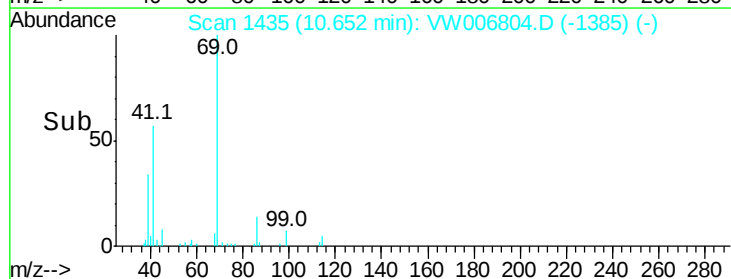
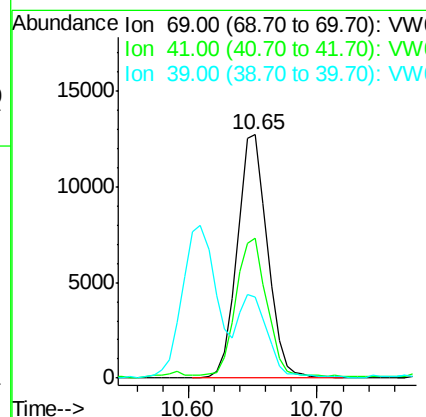
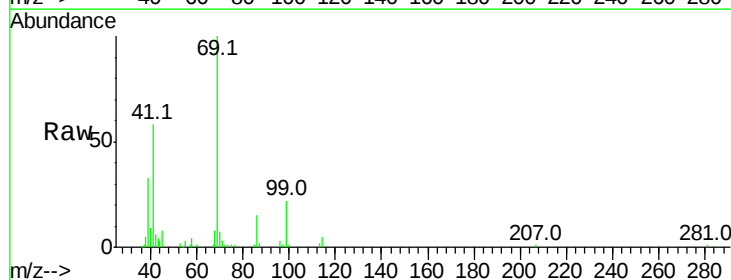
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

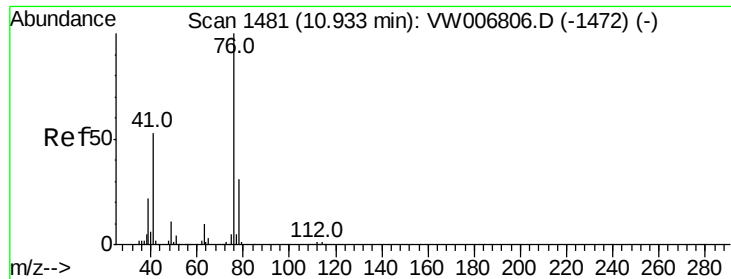
Tgt Ion:	97	Resp:	20787
Ion	Ratio	Lower	Upper
97	100		
83	81.0	67.0	100.4
85	53.6	41.7	62.5
99	64.2	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 8.958 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

Tgt Ion:	69	Resp:	20800
Ion	Ratio	Lower	Upper
69	100		
41	60.2	47.0	70.4
39	32.9	23.1	34.7





#57

1,3-Dichloropropane

Concen: 9.531 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

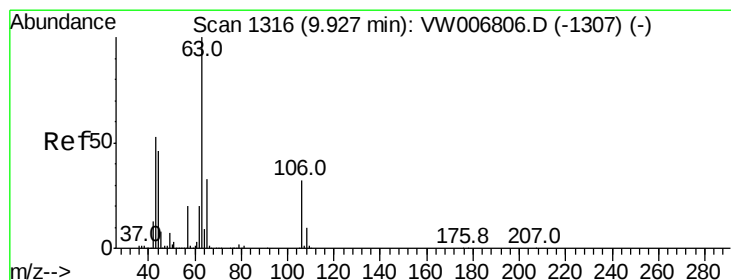
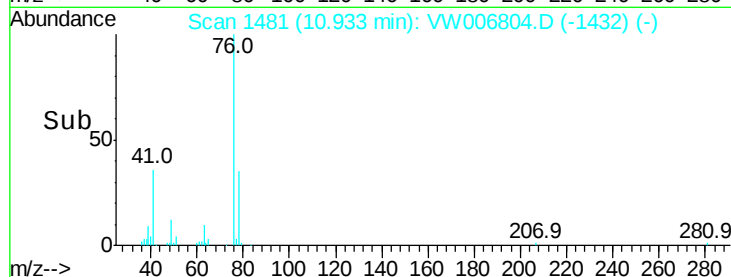
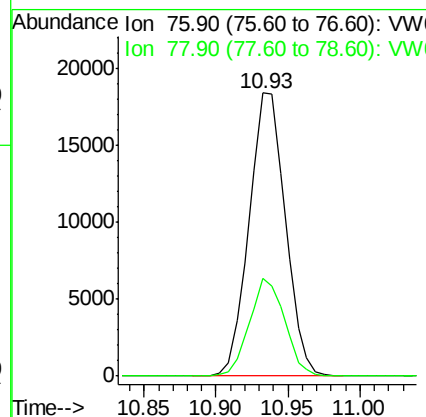
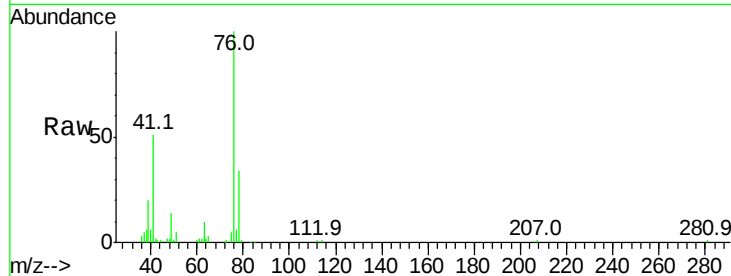
Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 32039

Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 45.888 ug/l

RT: 9.93 min Scan# 1316

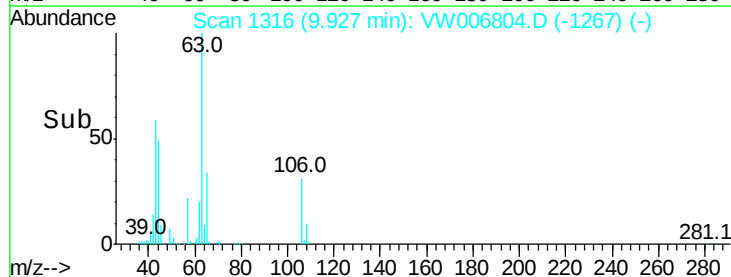
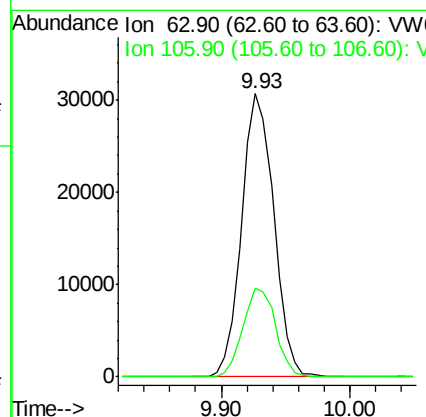
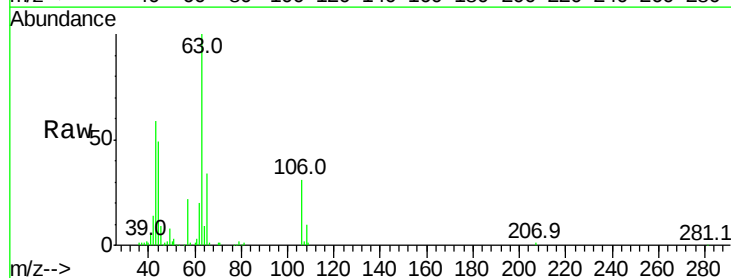
Delta R.T. -0.00 min

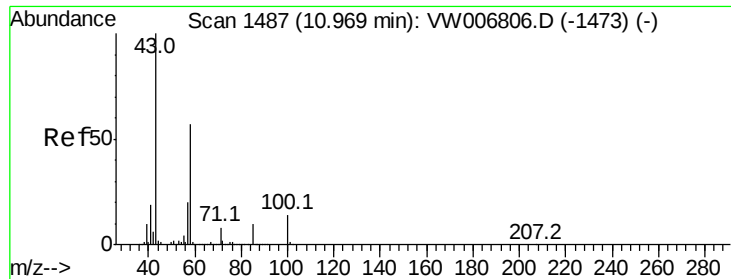
Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Tgt Ion: 63 Resp: 53066

Ion	Ratio	Lower	Upper
63	100		
106	31.8	25.4	38.0

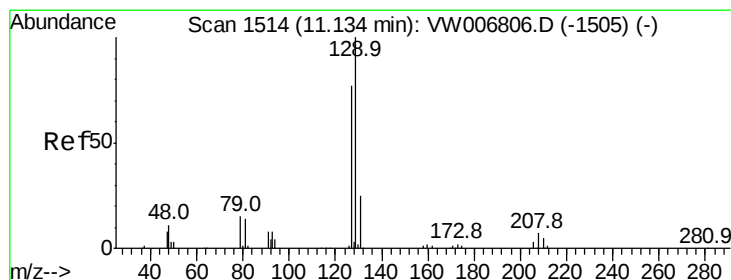
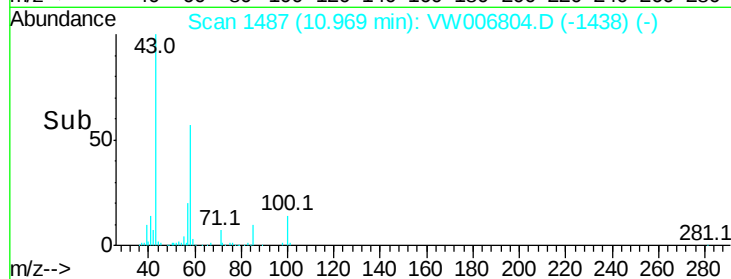
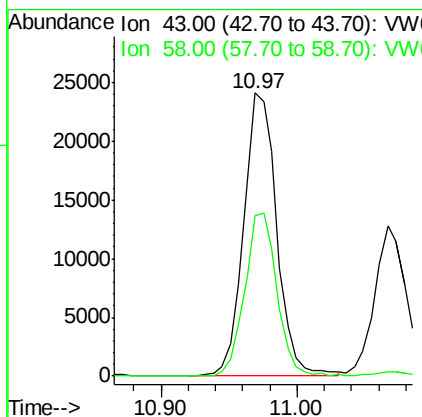
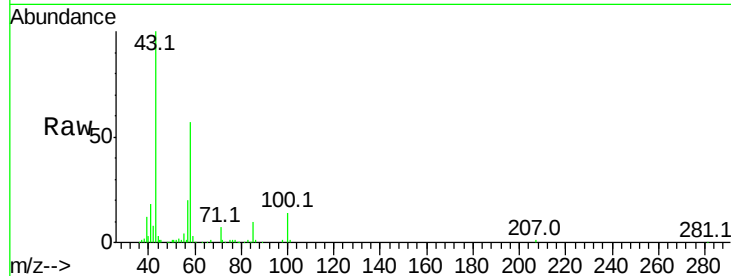




#59
2-Hexanone
Concen: 46.162 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

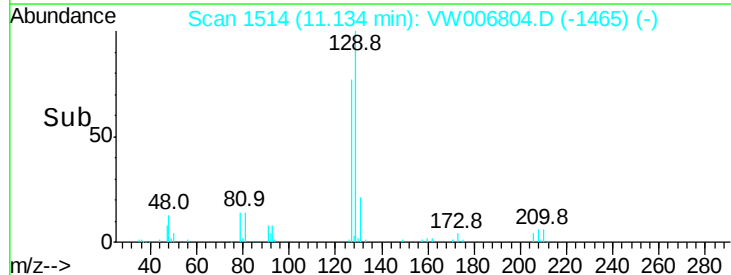
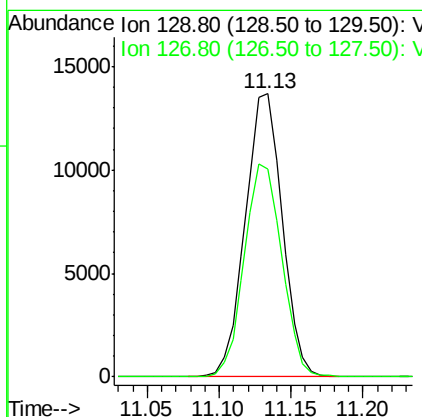
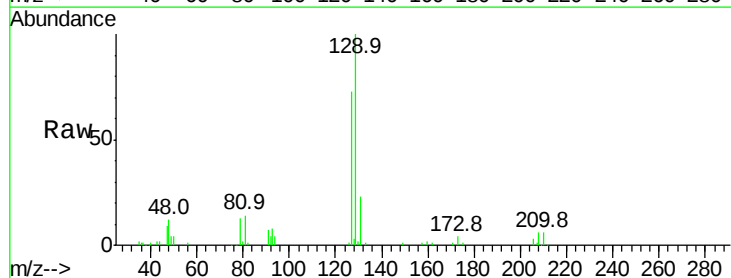
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

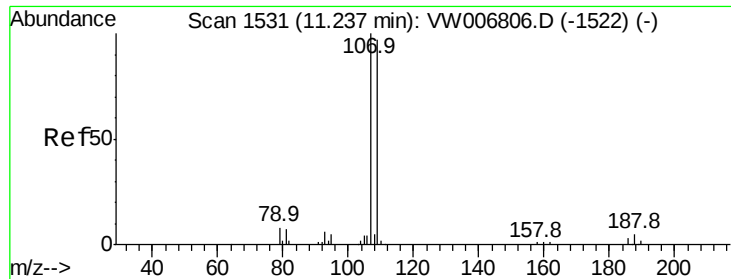
Tgt Ion: 43 Resp: 41022
Ion Ratio Lower Upper
43 100
58 56.1 28.7 86.1



#60
Dibromochloromethane
Concen: 9.644 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

Tgt Ion: 129 Resp: 24377
Ion Ratio Lower Upper
129 100
127 76.1 38.7 116.1

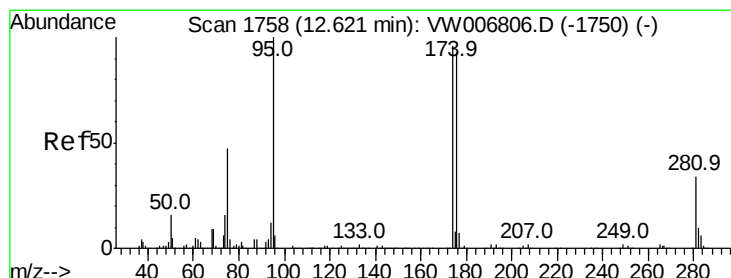
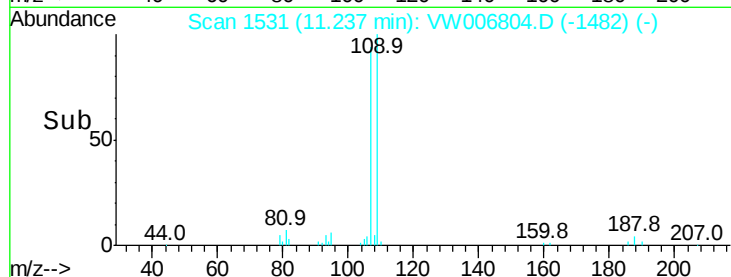
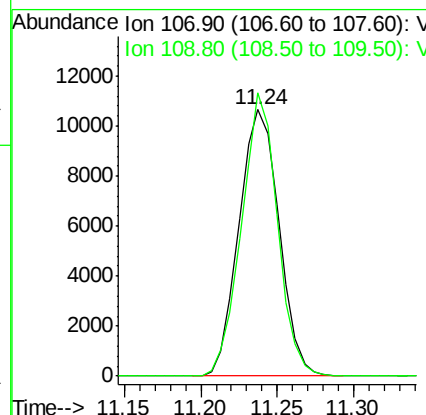
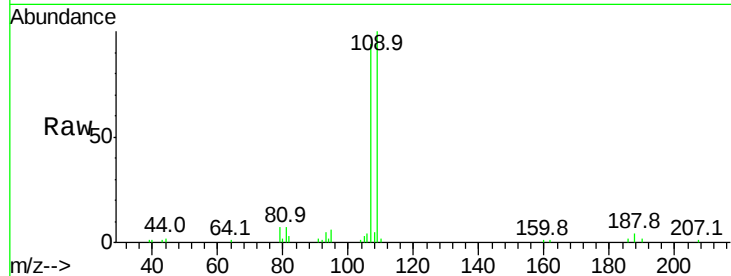




#61
 1,2-Dibromoethane
 Concen: 9.569 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

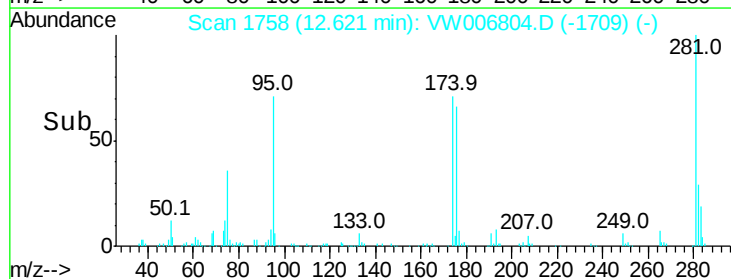
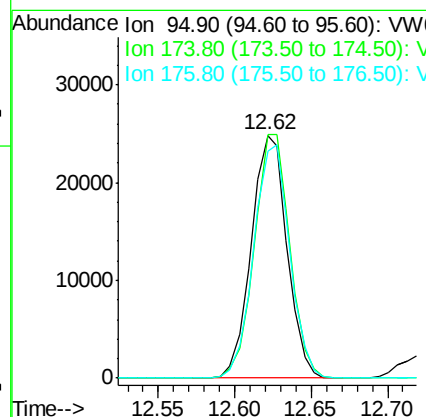
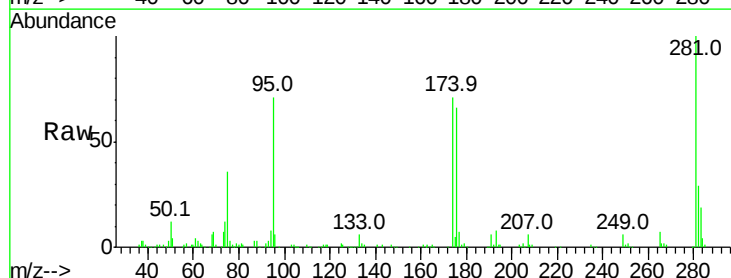
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

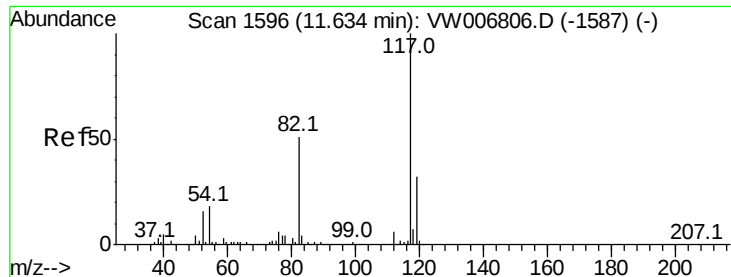
Tgt Ion: 107 Resp: 19360
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.7 115.1



#62
 4-Bromofluorobenzene
 Concen: 10.901 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

Tgt Ion: 95 Resp: 40178
 Ion Ratio Lower Upper
 95 100
 174 99.5 0.0 196.6
 176 97.4 0.0 191.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

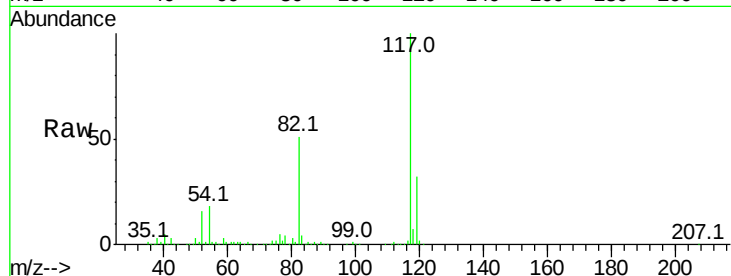
Tgt Ion:117 Resp: 408800

Ion Ratio Lower Upper

117 100

82 51.3 40.6 61.0

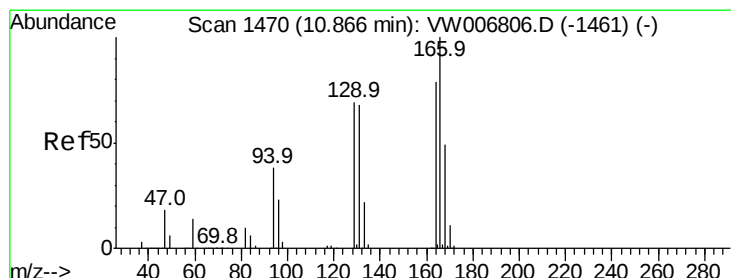
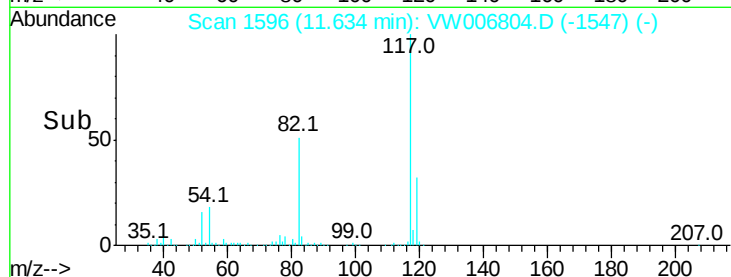
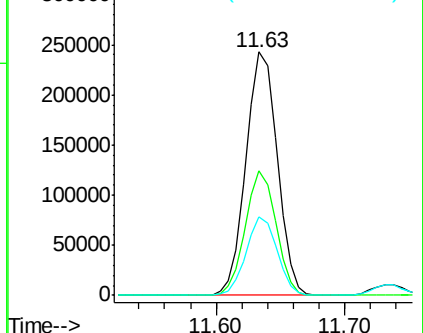
119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 10.598 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Tgt Ion:164 Resp: 33084

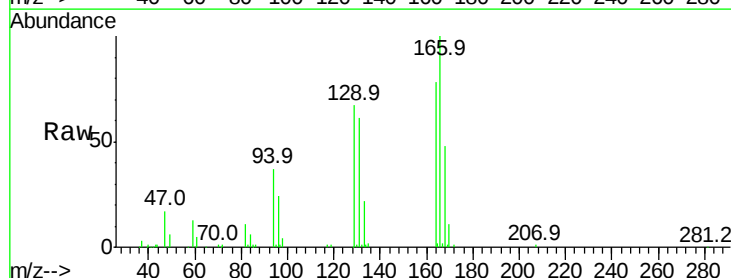
Ion Ratio Lower Upper

164 100

166 127.5 101.3 151.9

129 85.1 69.6 104.4

131 78.0 68.7 103.1

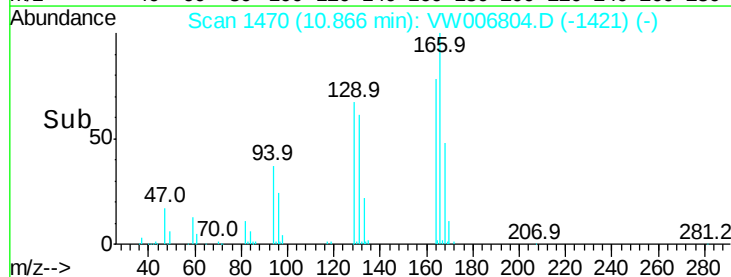
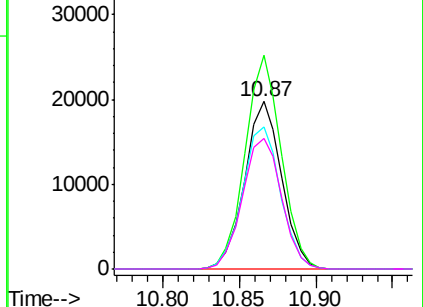


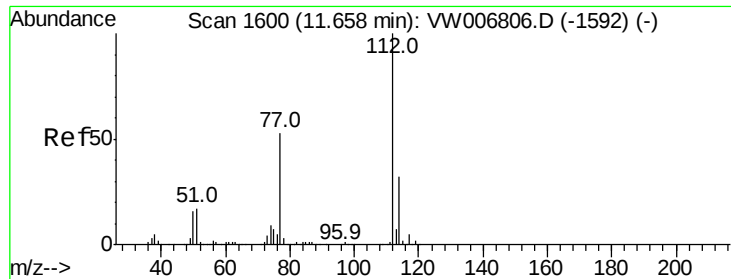
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 10.408 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

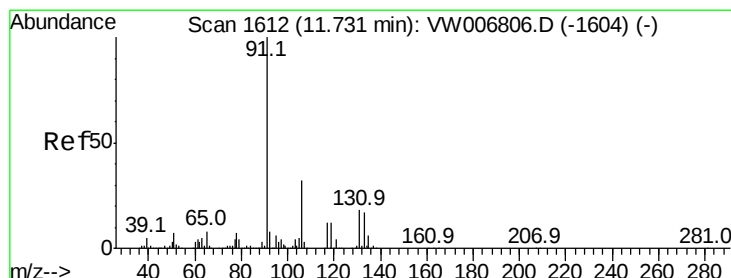
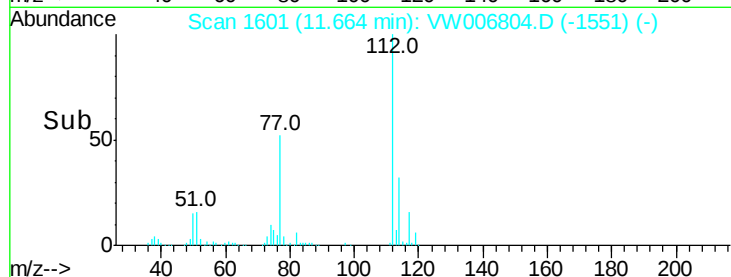
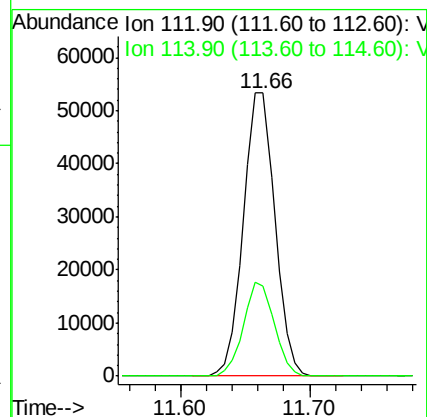
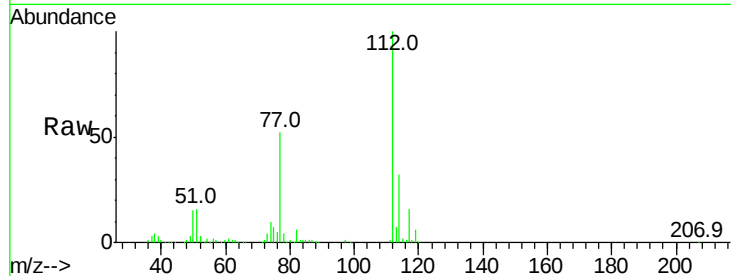
VSTDIC010

Tgt Ion:112 Resp: 90566

Ion Ratio Lower Upper

112 100

114 31.8 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 10.116 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

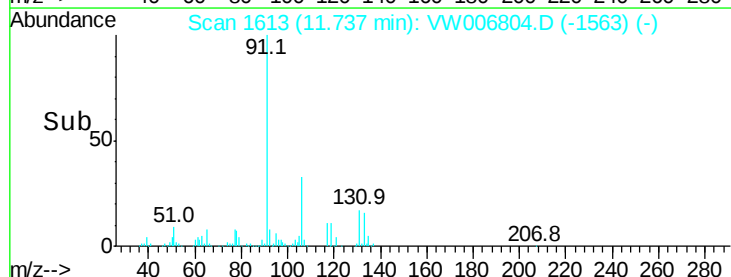
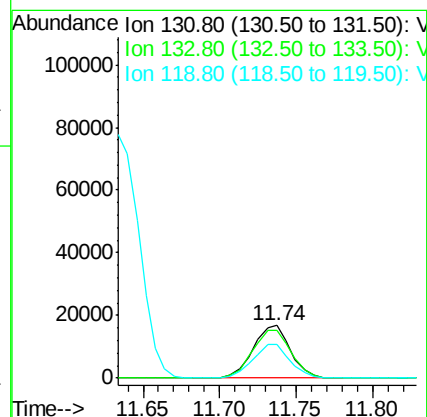
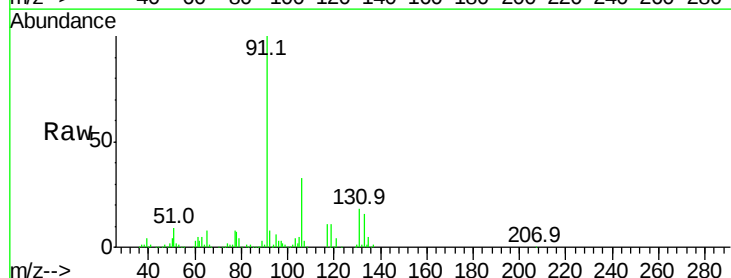
Tgt Ion:131 Resp: 28198

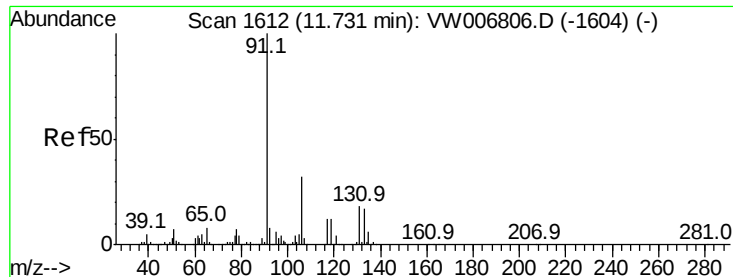
Ion Ratio Lower Upper

131 100

133 95.2 47.9 143.8

119 64.7 32.4 97.2

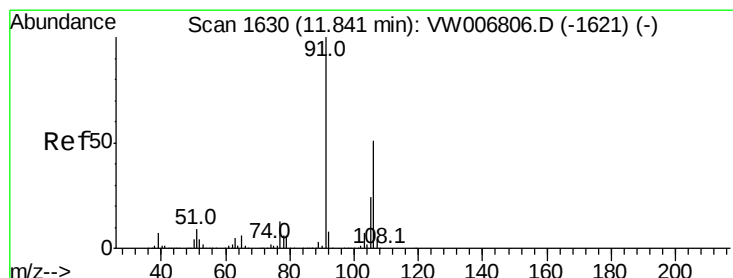
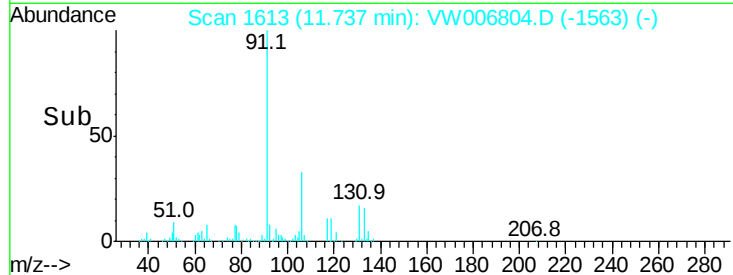
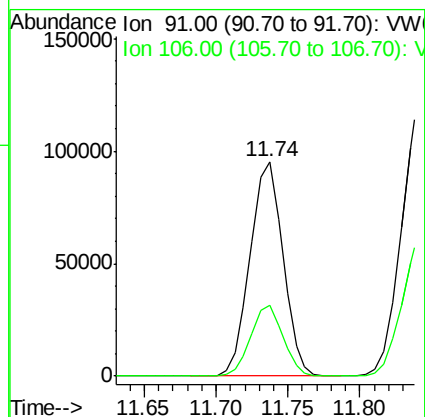
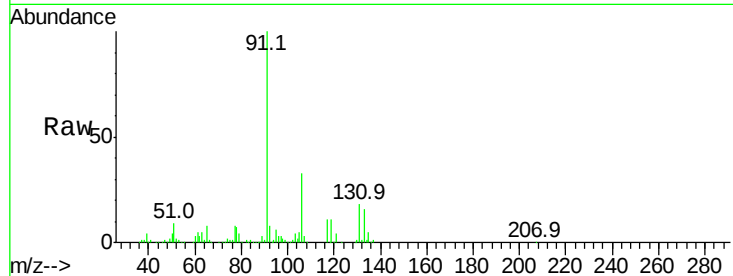




#67
 Ethyl Benzene
 Concen: 10.311 ug/l
 RT: 11.74 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

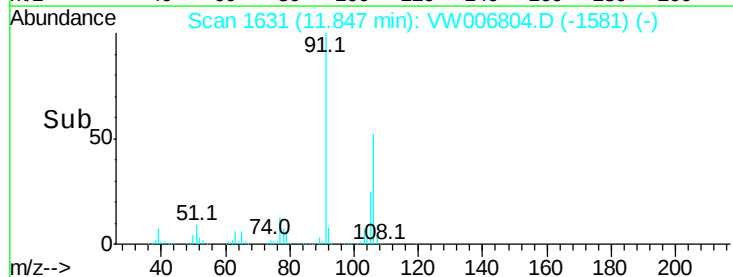
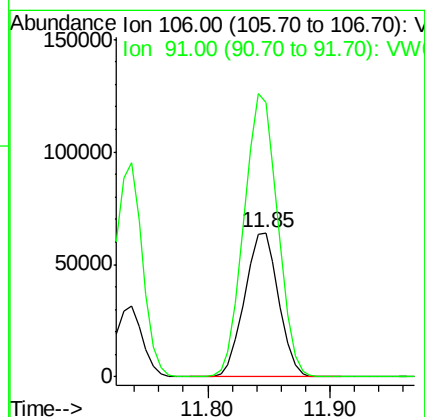
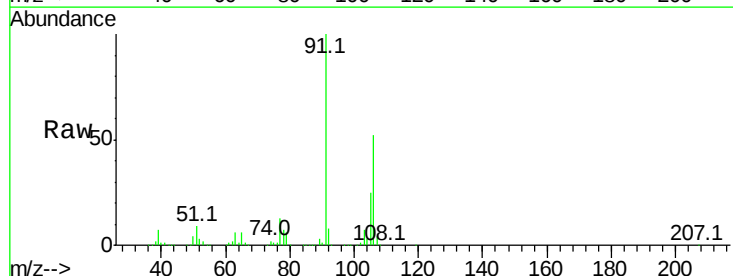
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

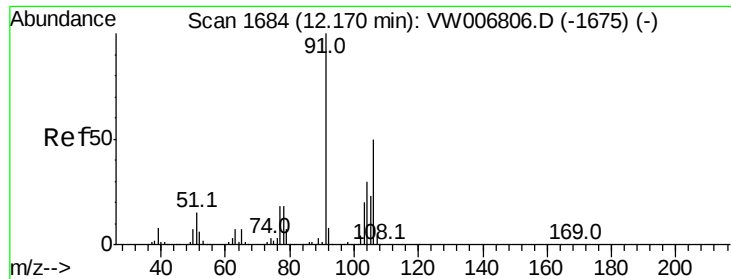
Tgt Ion: 91 Resp: 150941
 Ion Ratio Lower Upper
 91 100
 106 32.8 25.4 38.0



#68
 m/p-Xylenes
 Concen: 20.668 ug/l
 RT: 11.85 min Scan# 1631
 Delta R.T. 0.01 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

Tgt Ion: 106 Resp: 123404
 Ion Ratio Lower Upper
 106 100
 91 195.2 155.7 233.5

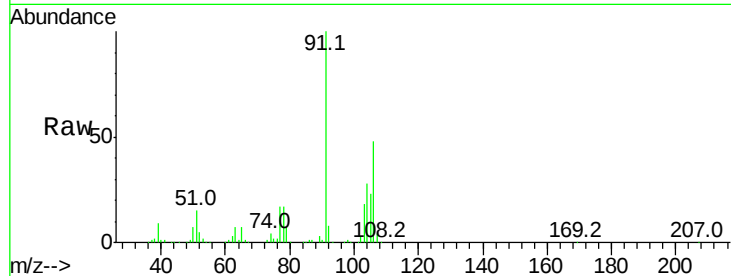




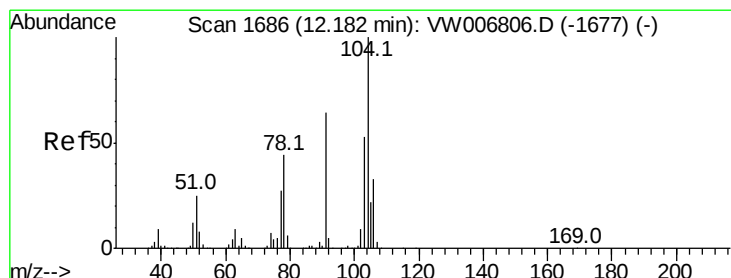
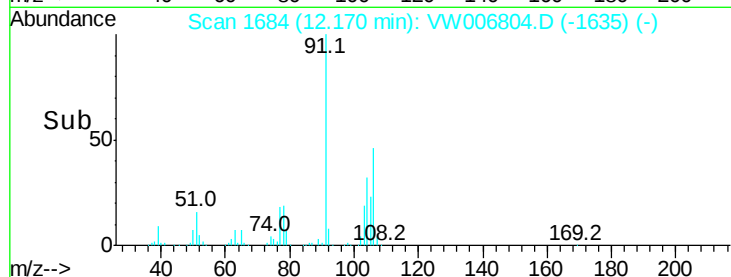
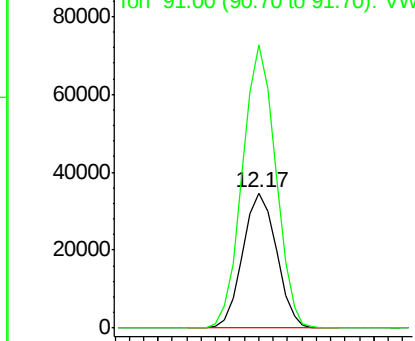
#69
o-Xylene
Concen: 10.229 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 56229
Ion Ratio Lower Upper
106 100
91 207.1 101.9 305.7

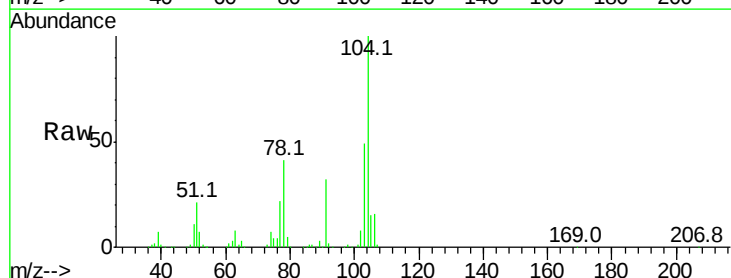


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

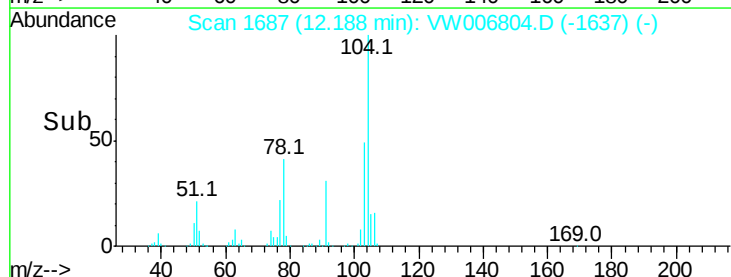
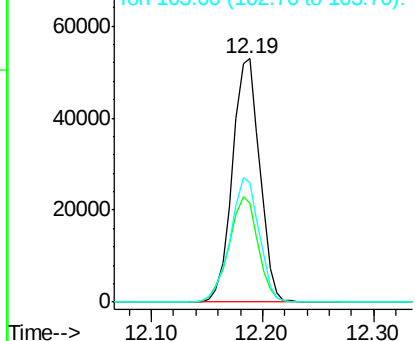


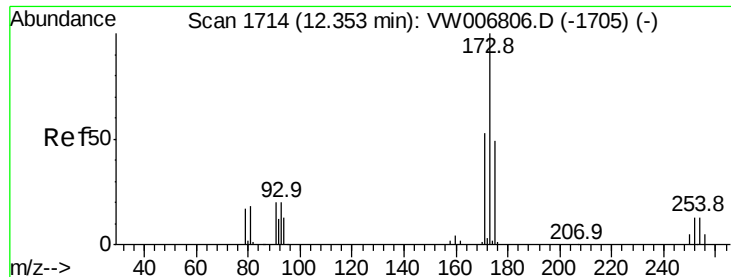
#70
Styrene
Concen: 10.058 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

Tgt Ion:104 Resp: 89870
Ion Ratio Lower Upper
104 100
78 46.2 37.3 55.9
103 54.3 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 9.341 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

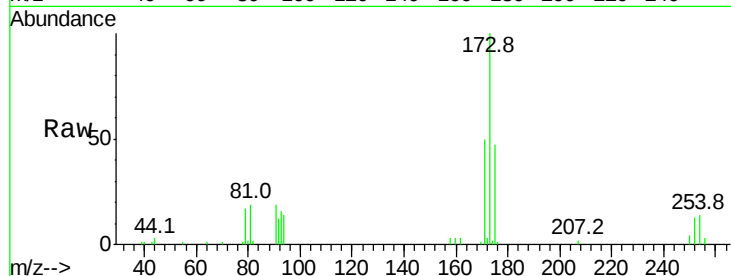
Tgt Ion:173 Resp: 14423

Ion Ratio Lower Upper

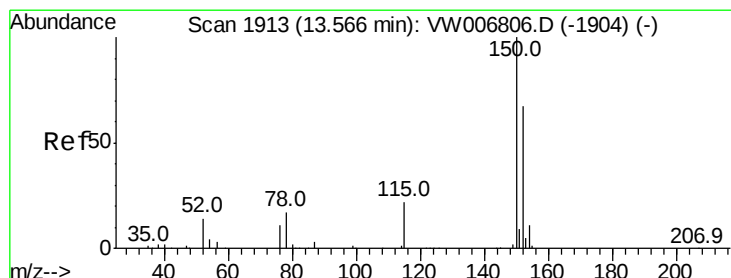
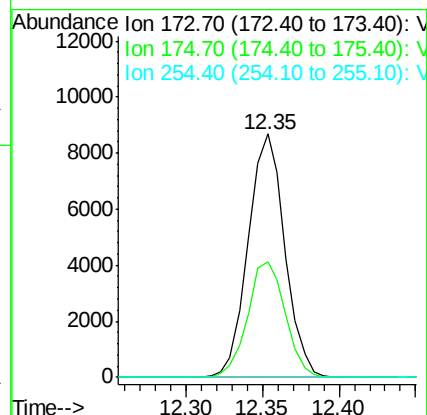
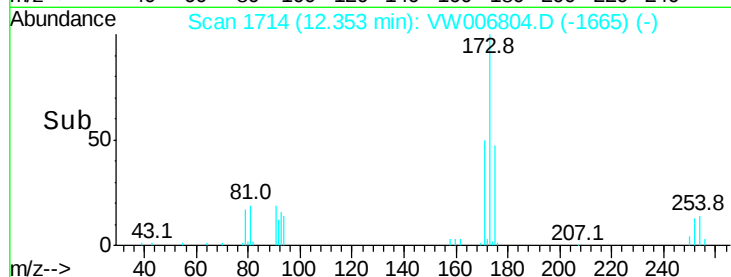
173 100

175 48.5 24.4 73.4

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

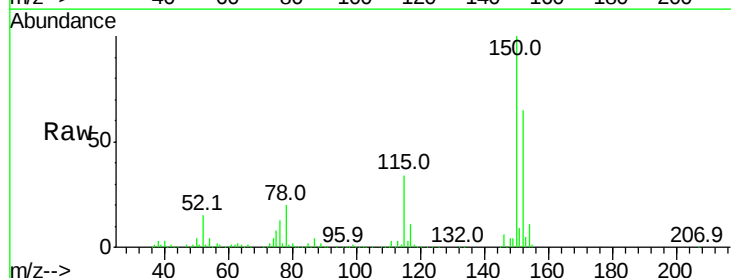
Tgt Ion:152 Resp: 231269

Ion Ratio Lower Upper

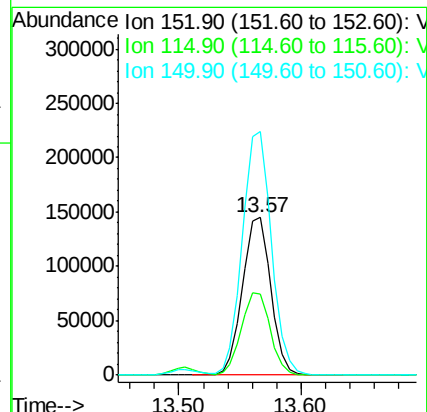
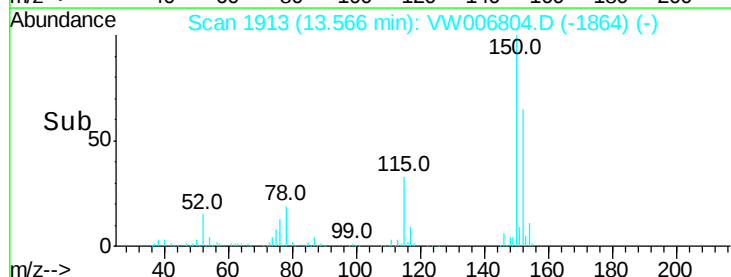
152 100

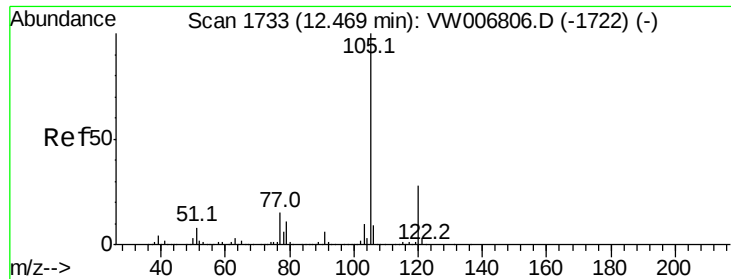
115 53.4 27.3 81.8

150 159.9 0.0 353.0



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: 10.455 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

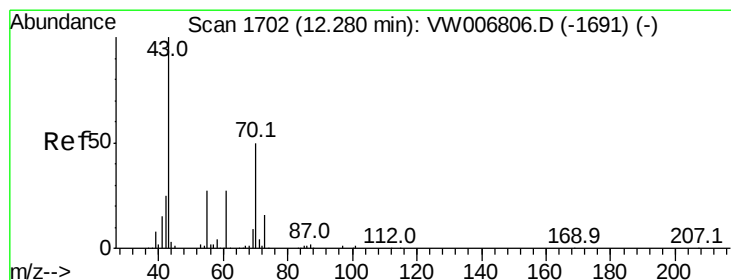
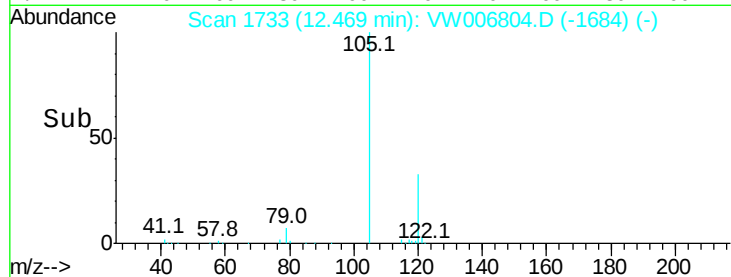
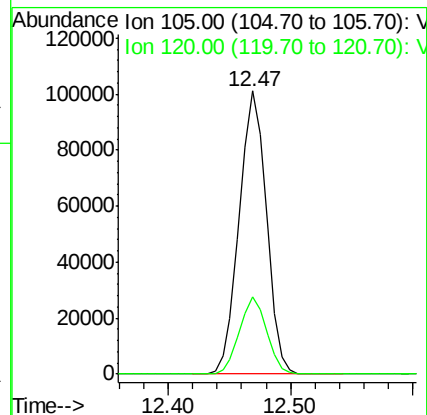
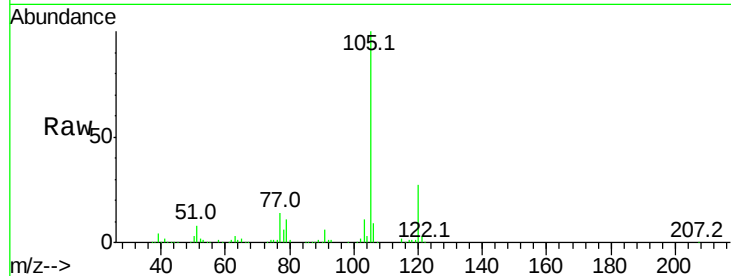
VSTDIC010

Tgt Ion:105 Resp: 155574

Ion Ratio Lower Upper

105 100

120 27.3 14.0 42.0



#74

N-ethyl acetate

Concen: 9.098 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Tgt Ion: 43 Resp: 22065

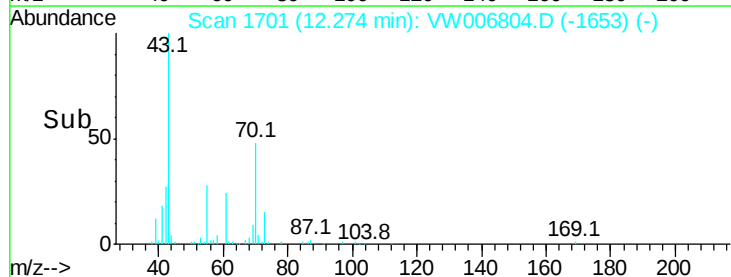
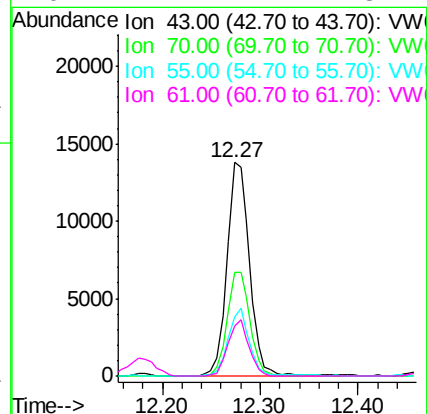
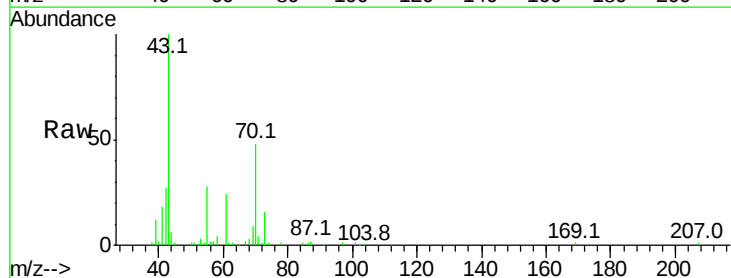
Ion Ratio Lower Upper

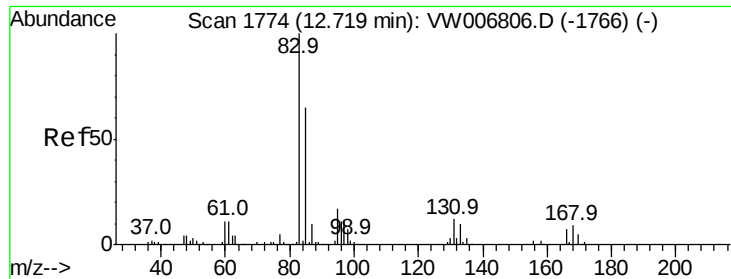
43 100

70 48.6 39.0 58.4

55 29.5 22.1 33.1

61 24.4 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 9.544 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

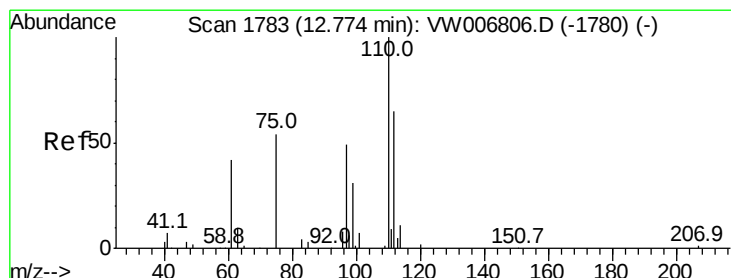
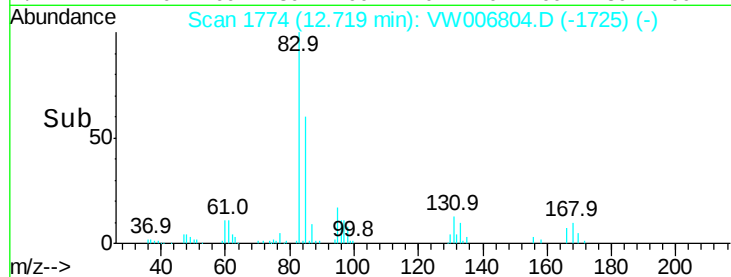
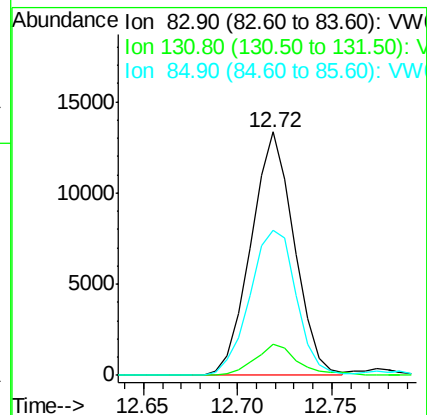
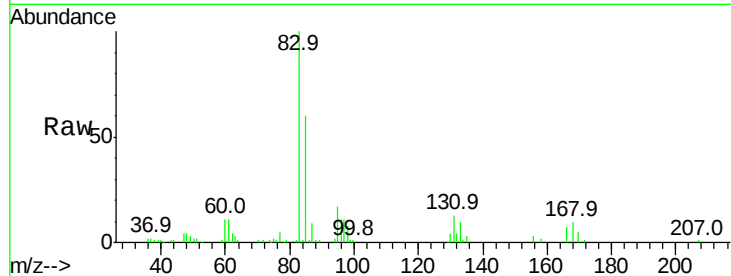
Tgt Ion: 83 Resp: 21158

Ion Ratio Lower Upper

83 100

131 12.7 6.1 18.3

85 64.2 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 16.677 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006804.D

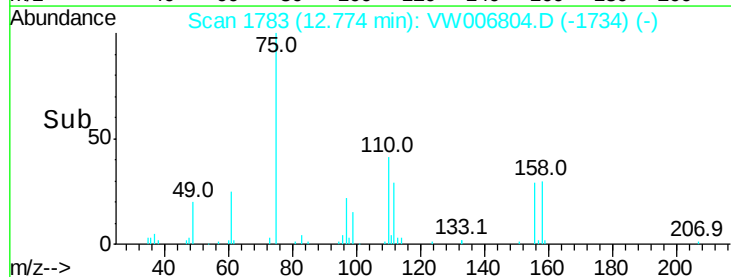
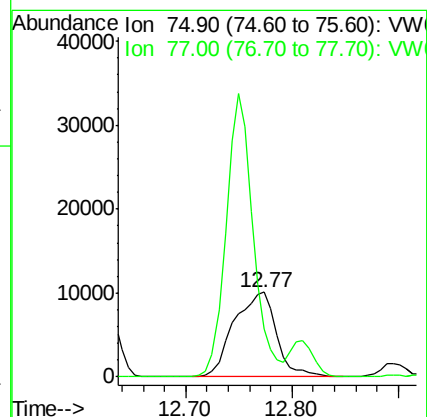
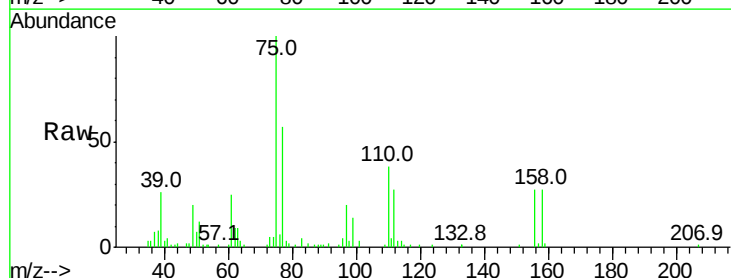
Acq: 12 Nov 2018 12:50

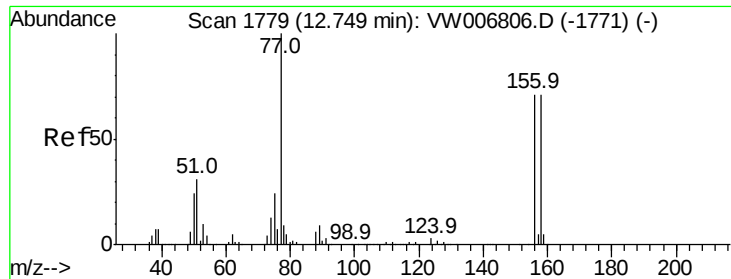
Tgt Ion: 75 Resp: 28127

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.259 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

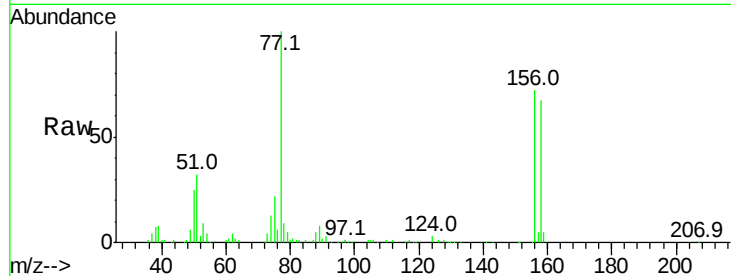
Tgt Ion:156 Resp: 39471

Ion Ratio Lower Upper

156 100

77 152.1 75.3 225.7

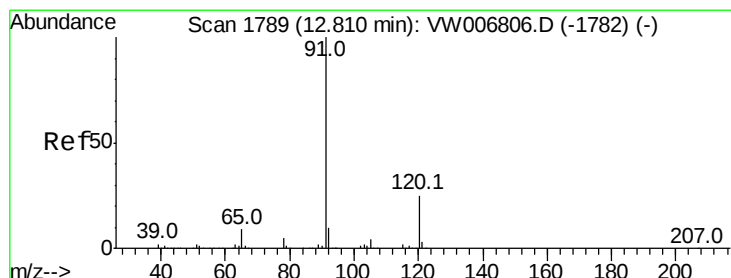
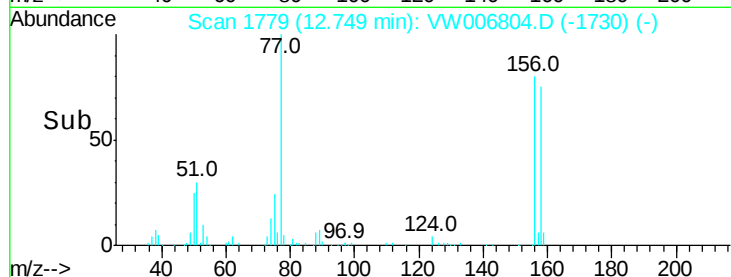
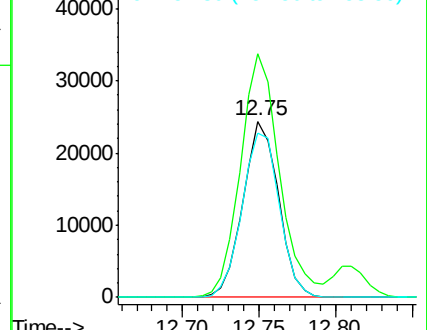
158 98.0 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.296 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006804.D

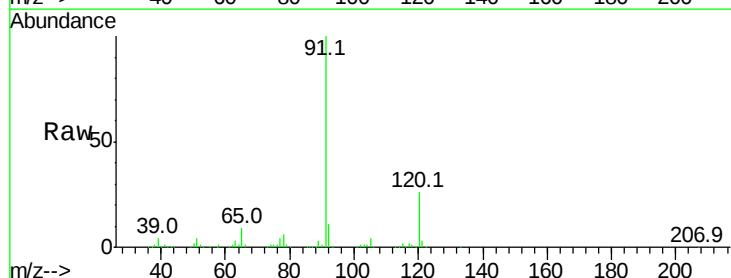
Acq: 12 Nov 2018 12:50

Tgt Ion: 91 Resp: 182037

Ion Ratio Lower Upper

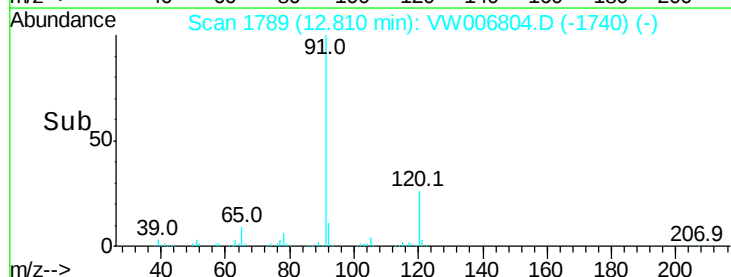
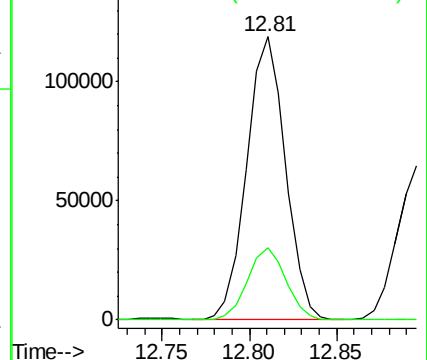
91 100

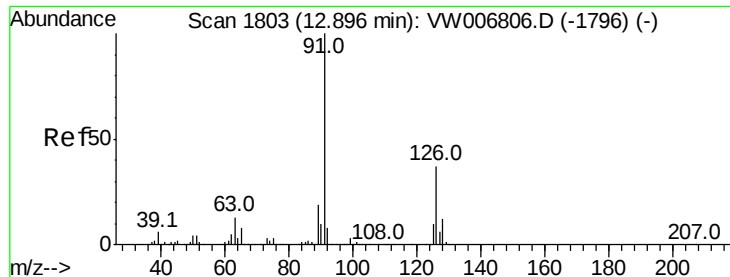
120 25.5 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.535 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampled :

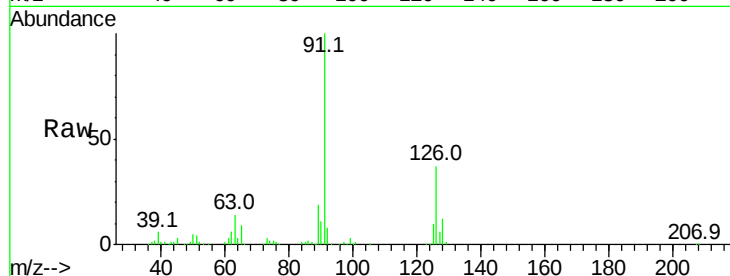
VSTDIC010

Tgt Ion: 91 Resp: 104931

Ion Ratio Lower Upper

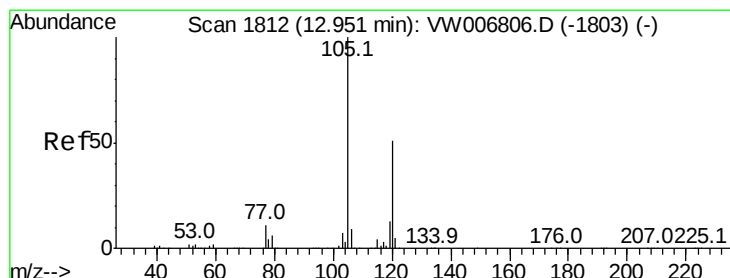
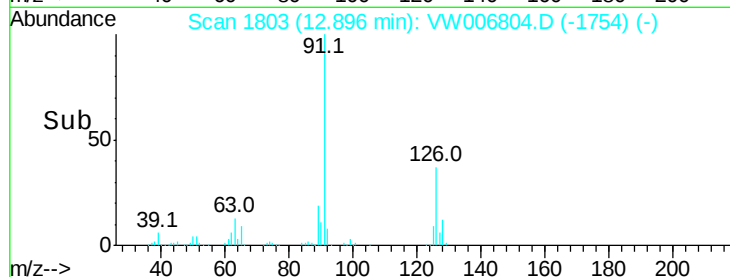
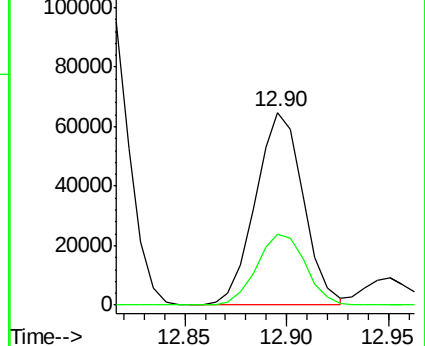
91 100

126 37.6 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 10.466 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006804.D

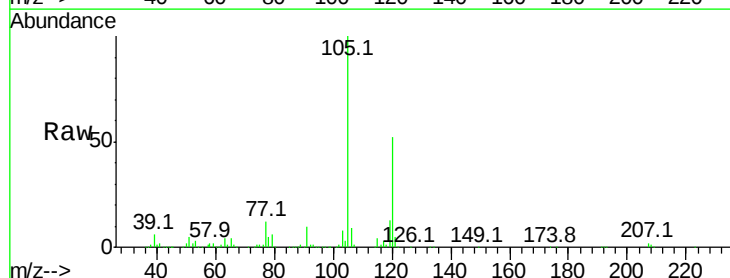
Acq: 12 Nov 2018 12:50

Tgt Ion: 105 Resp: 134931

Ion Ratio Lower Upper

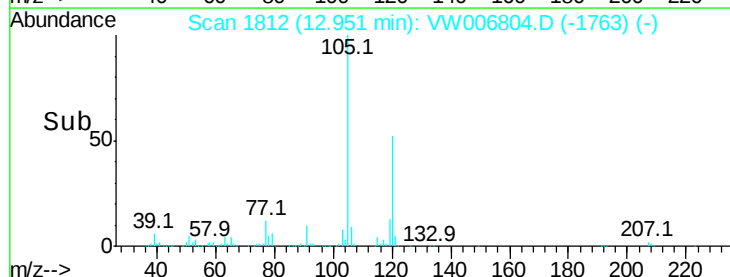
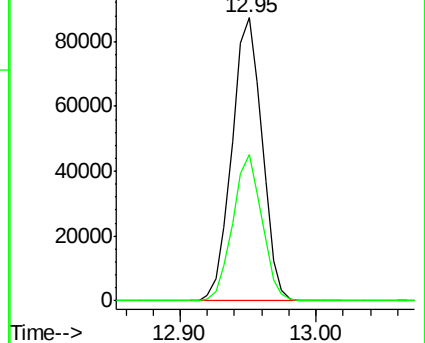
105 100

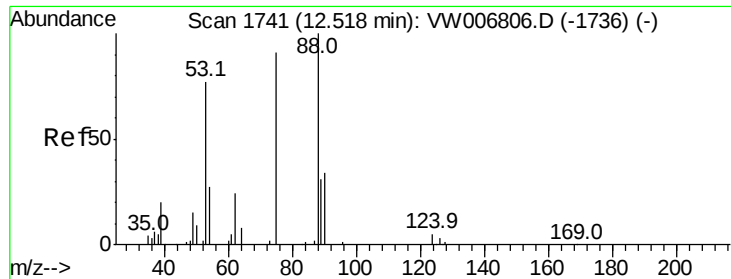
120 50.0 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 9.328 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

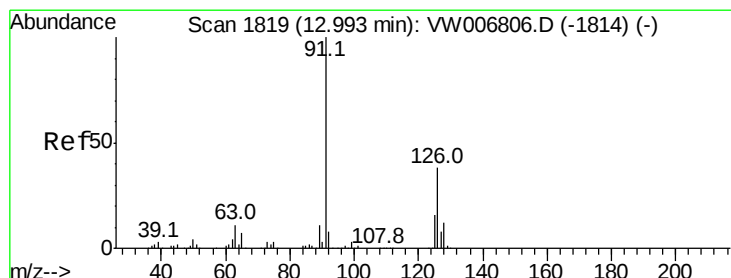
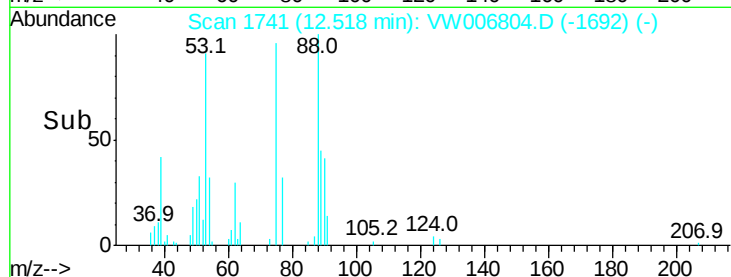
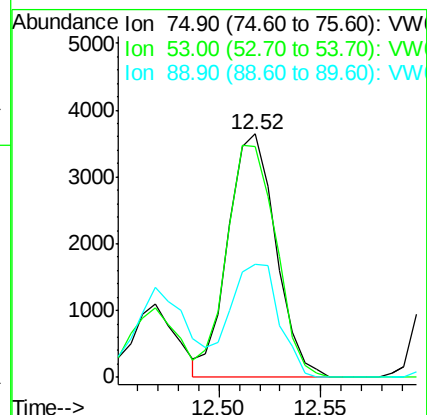
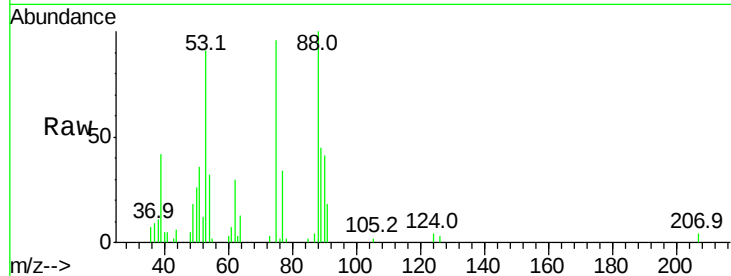
Tgt Ion: 75 Resp: 5917

Ion Ratio Lower Upper

75 100

53 98.9 72.9 109.3

89 48.1 38.7 58.1



#82

4-Chlorotoluene

Concen: 10.452 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW006804.D

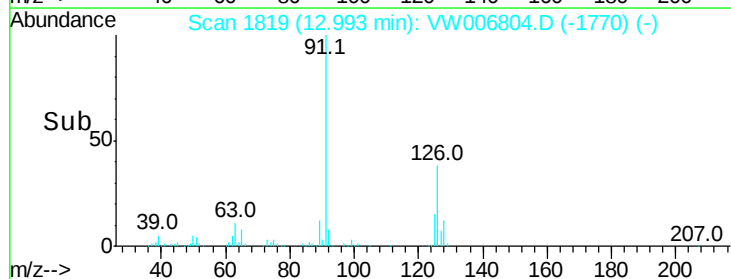
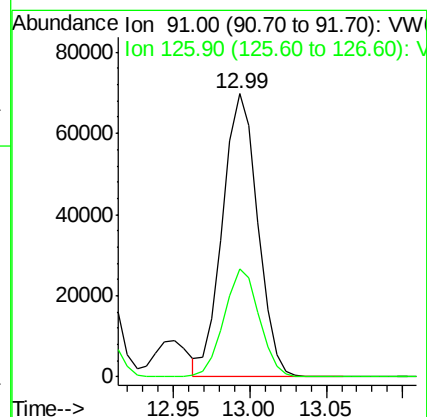
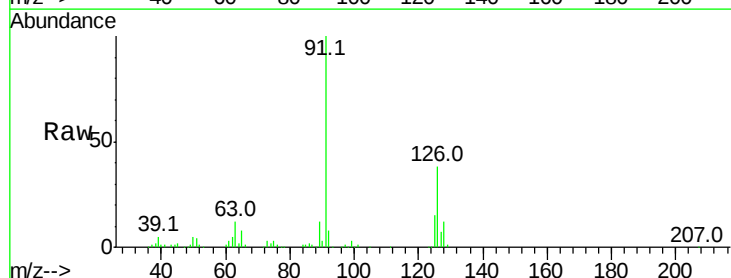
Acq: 12 Nov 2018 12:50

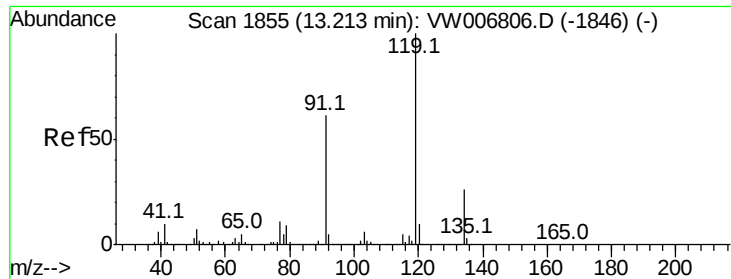
Tgt Ion: 91 Resp: 111257

Ion Ratio Lower Upper

91 100

126 38.1 18.4 55.2

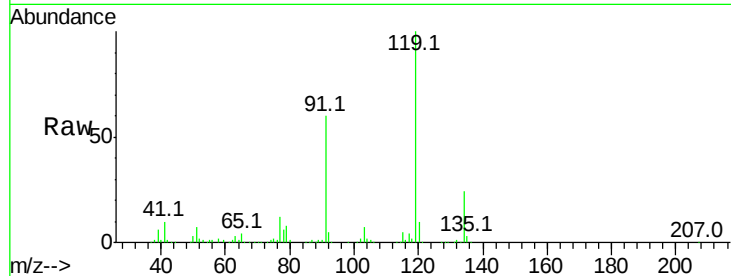




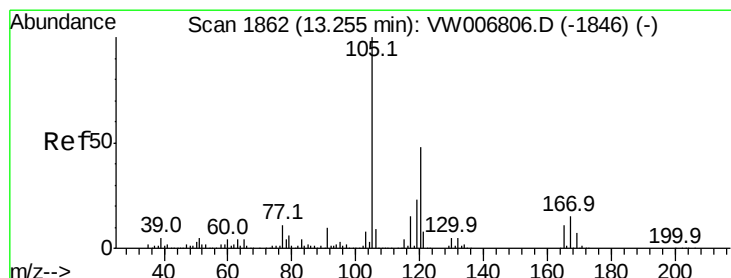
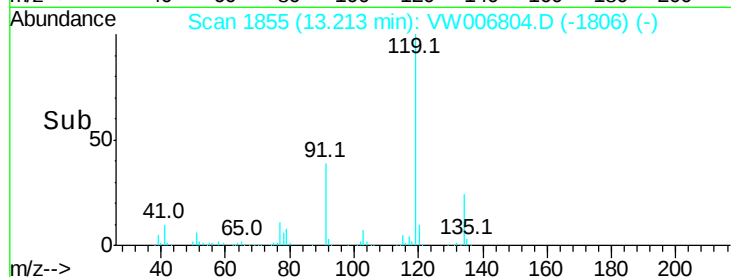
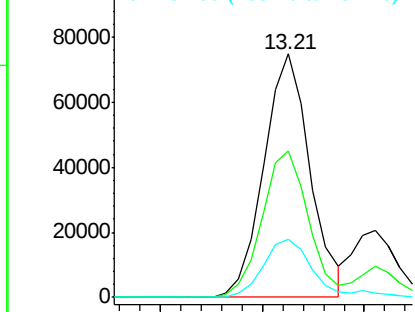
#83
 tert-Butylbenzene
 Concen: 10.586 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:119 Resp: 117932
 Ion Ratio Lower Upper
 119 100
 91 60.1 30.0 90.1
 134 24.8 13.4 40.2

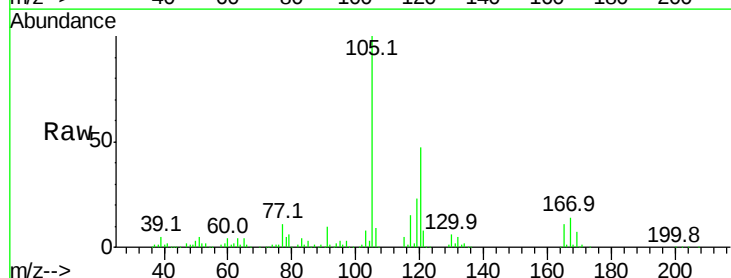


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

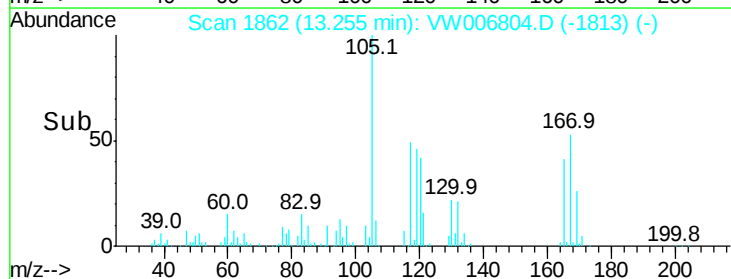
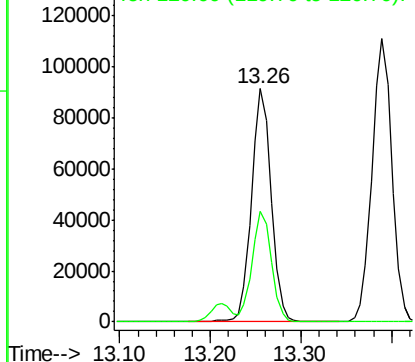


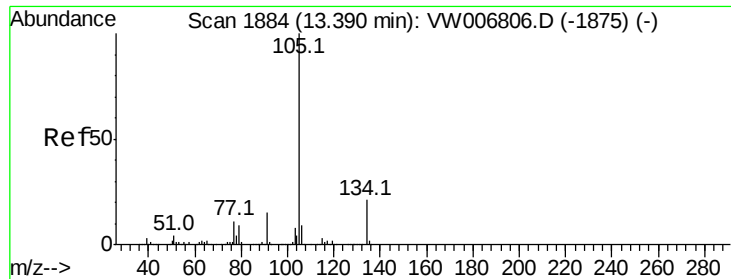
#84
 1,2,4-Trimethylbenzene
 Concen: 10.400 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

Tgt Ion:105 Resp: 137373
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

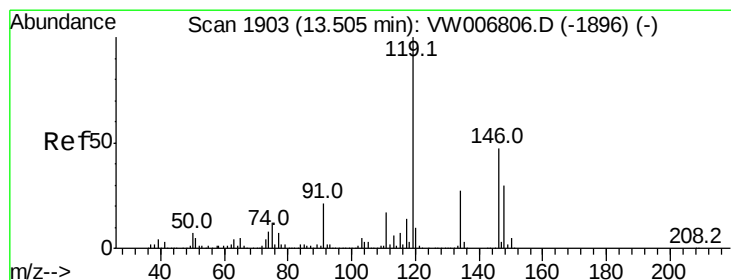
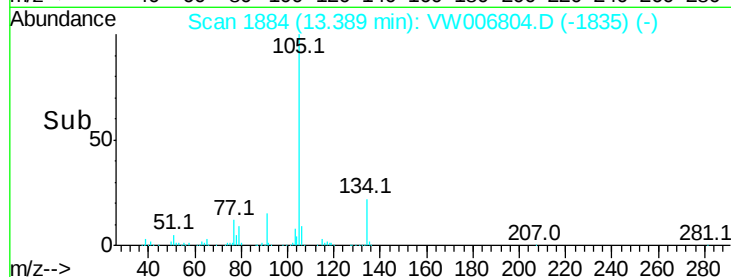
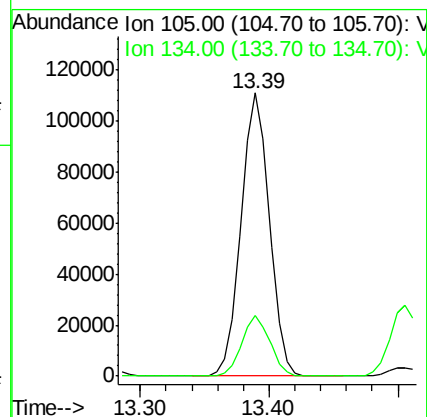
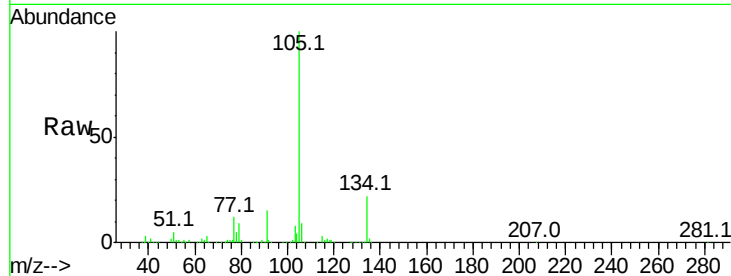




#85
 sec-Butylbenzene
 Concen: 10.576 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

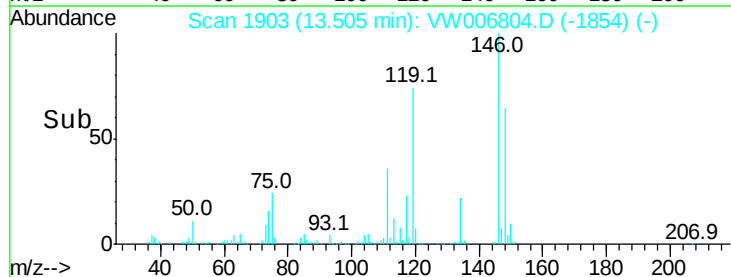
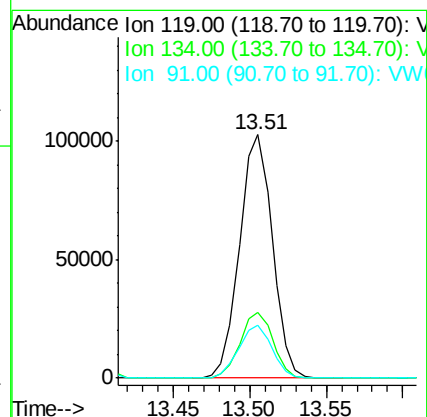
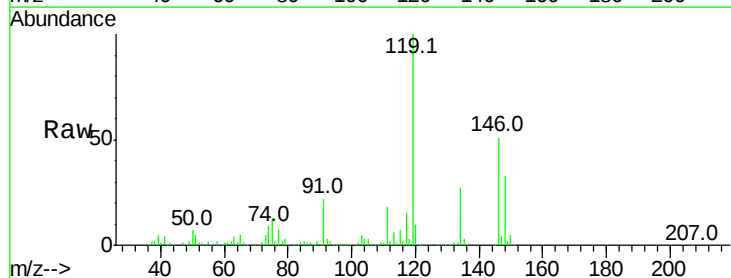
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

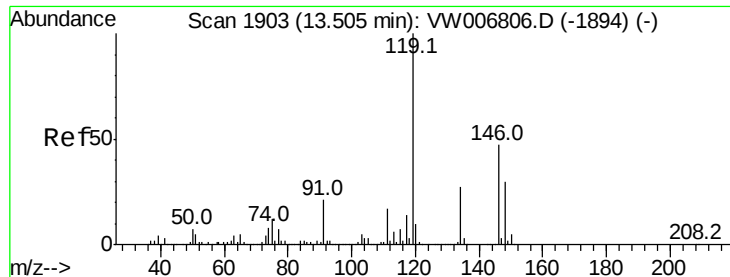
Tgt Ion:105 Resp: 168627
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 10.542 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

Tgt Ion:119 Resp: 153316
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.4
 91 22.1 10.8 32.4

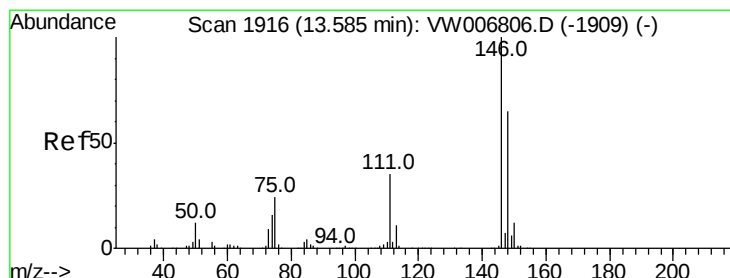
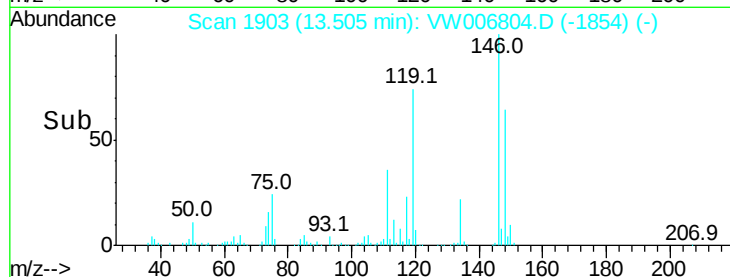
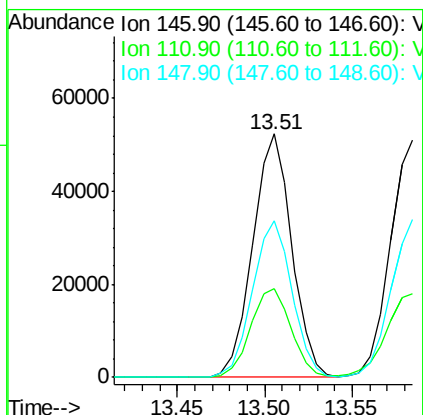
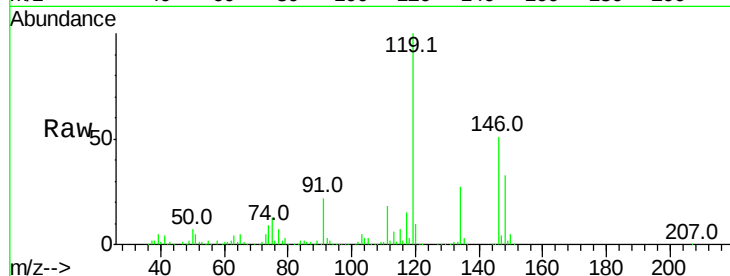




#87
 1,3-Dichlorobenzene
 Concen: 10.473 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

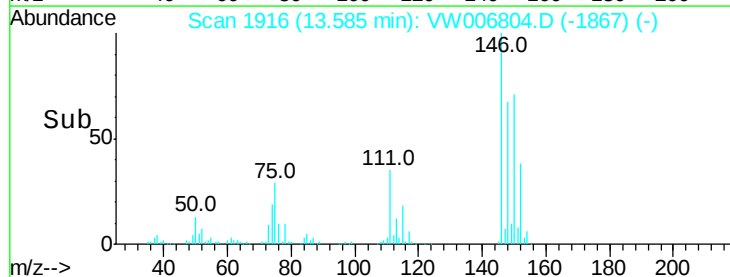
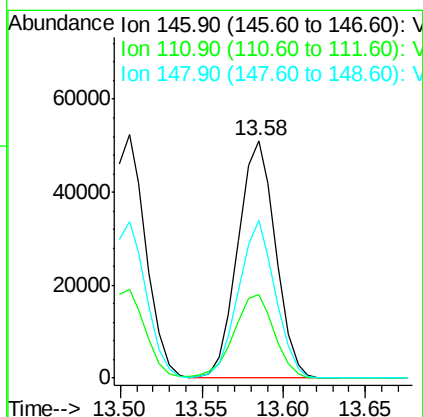
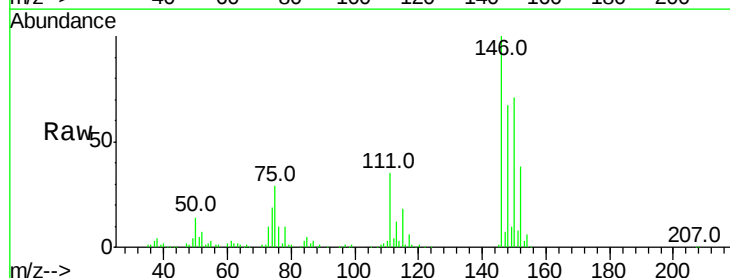
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

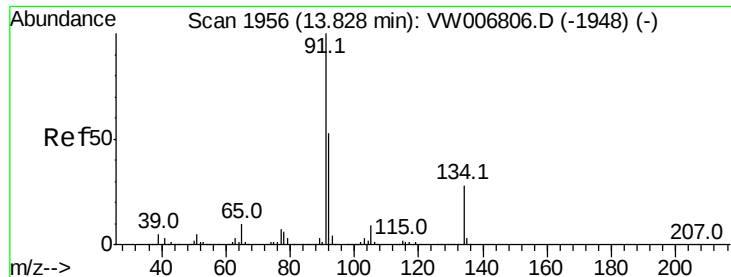
Tgt Ion:146 Resp: 81862
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.3 54.9
 148 65.1 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 10.565 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

Tgt Ion:146 Resp: 82251
 Ion Ratio Lower Upper
 146 100
 111 37.9 17.8 53.3
 148 64.9 32.0 96.0





#89

n-Butylbenzene

Concen: 10.465 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006804.D

Acq: 12 Nov 2018 12:50

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

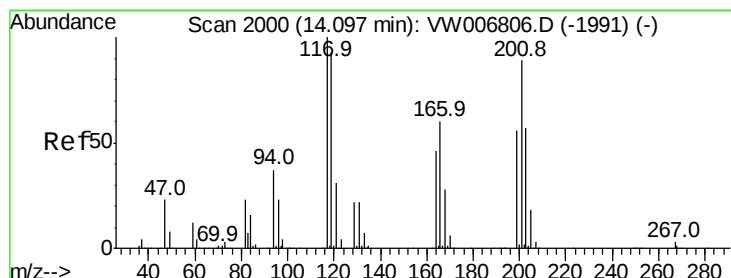
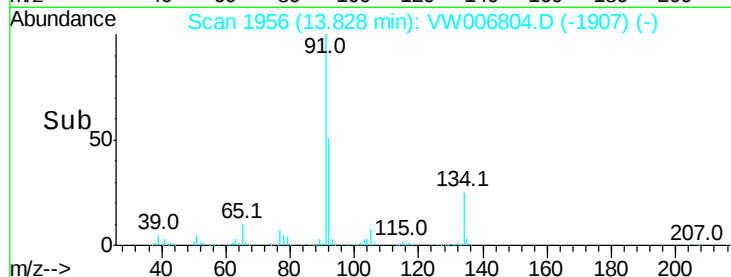
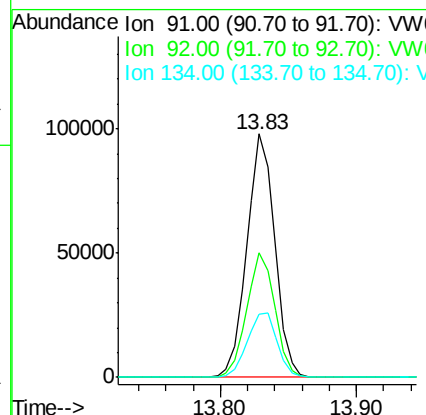
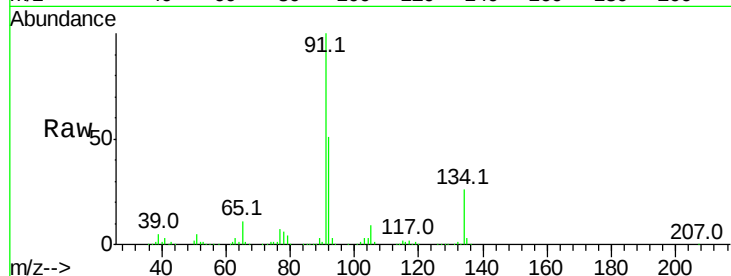
Tgt Ion: 91 Resp: 140473

Ion Ratio Lower Upper

91 100

92 51.7 26.5 79.4

134 28.3 14.4 43.2



#90

Hexachloroethane

Concen: 10.400 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW006804.D

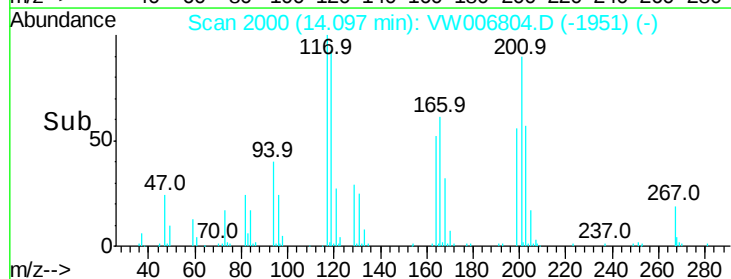
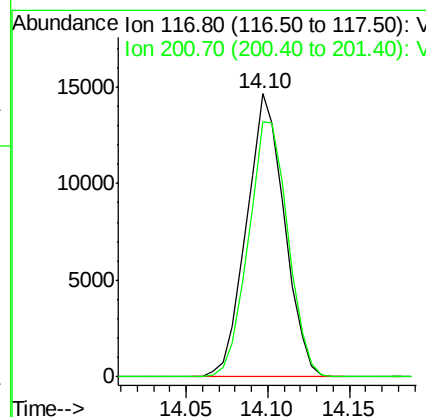
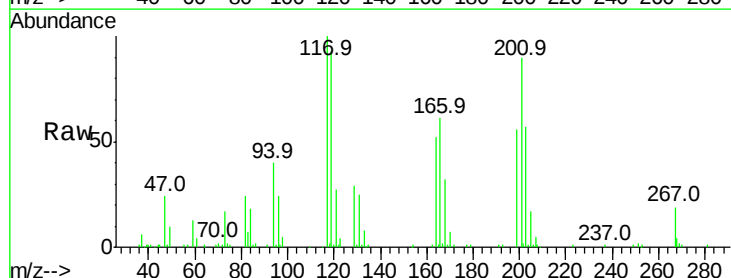
Acq: 12 Nov 2018 12:50

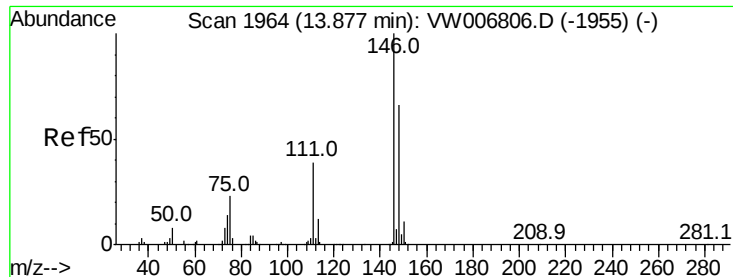
Tgt Ion: 117 Resp: 23728

Ion Ratio Lower Upper

117 100

201 93.8 46.9 140.6

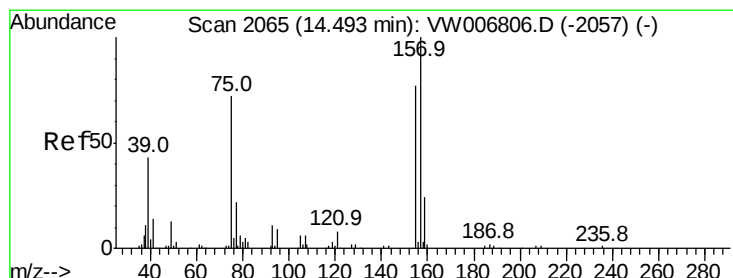
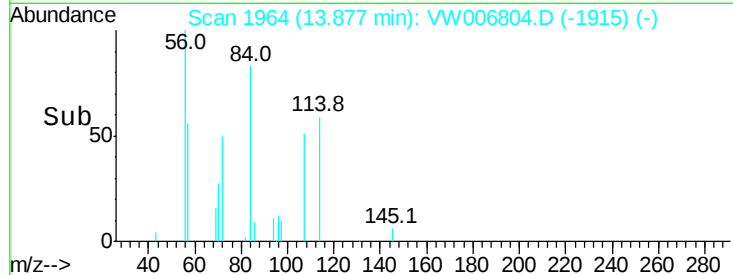
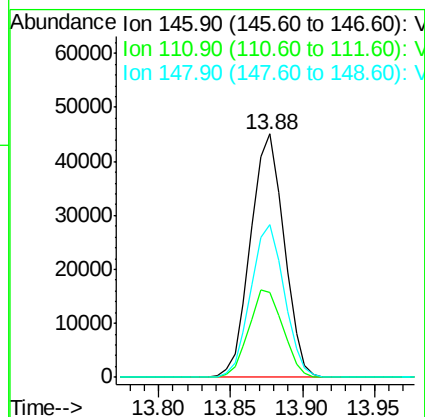
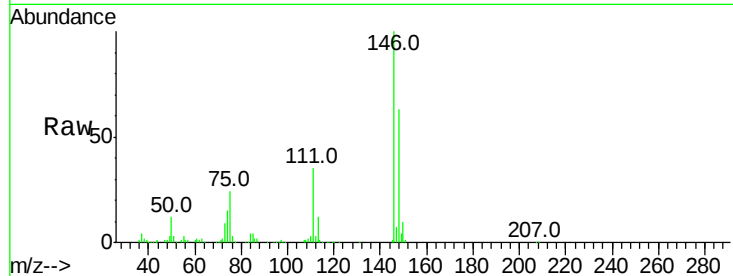




#91
 1,2-Dichlorobenzene
 Concen: 10.615 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

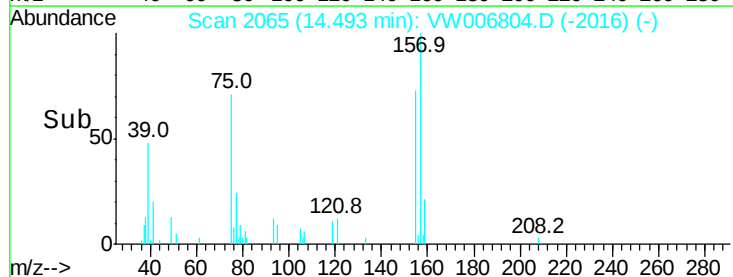
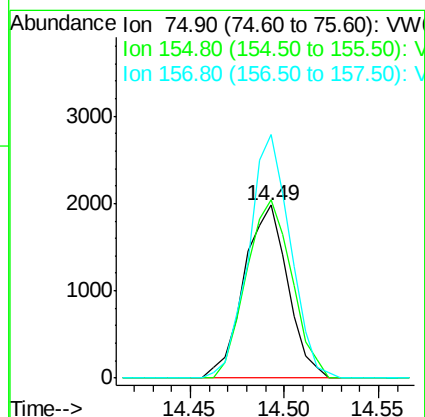
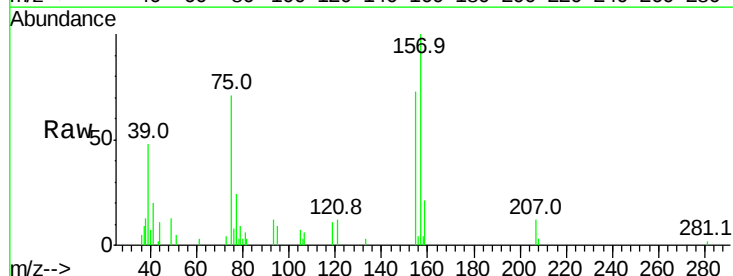
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

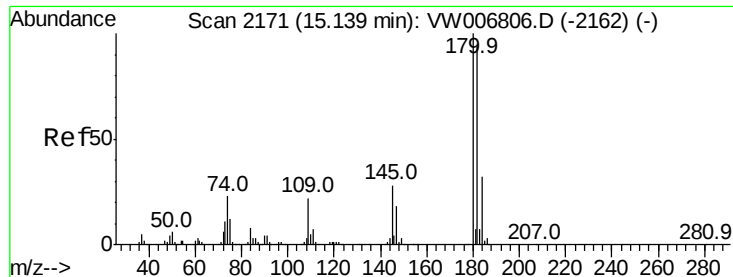
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	19.3	57.8
148	62.8	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.914 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.0	51.0	153.1
157	133.7	67.4	202.2

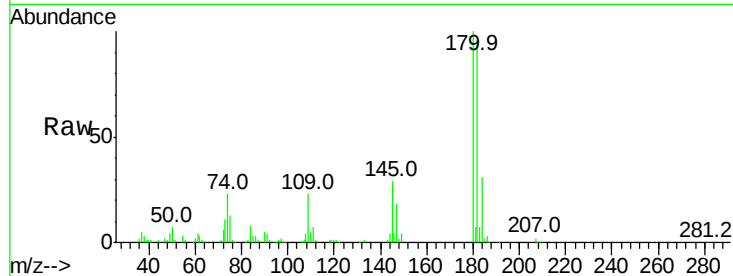




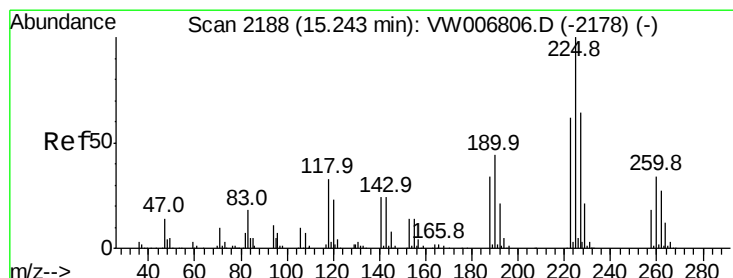
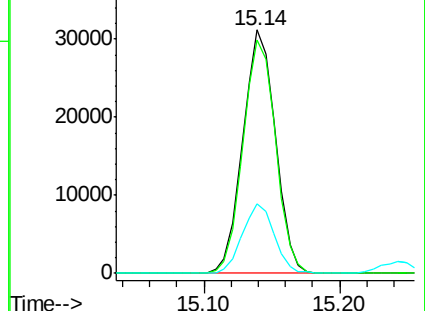
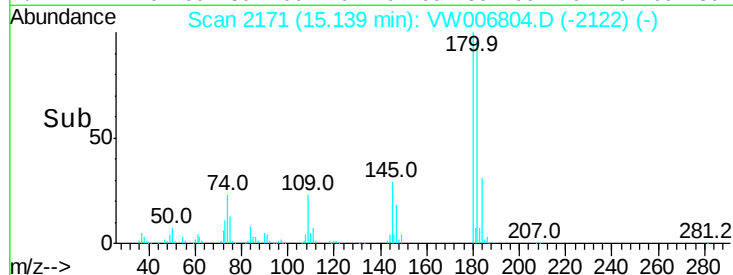
#93
 1,2,4-Trichlorobenzene
 Concen: 10.326 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 52270
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.5 142.5
 145 27.9 14.0 41.9

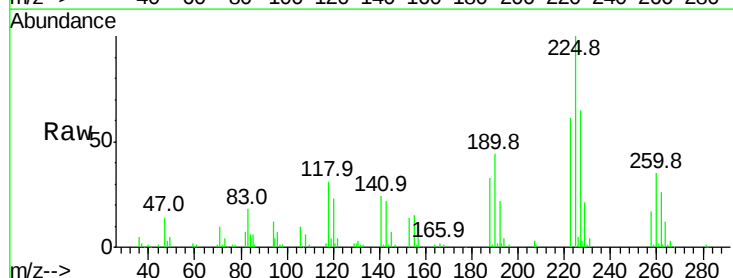


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

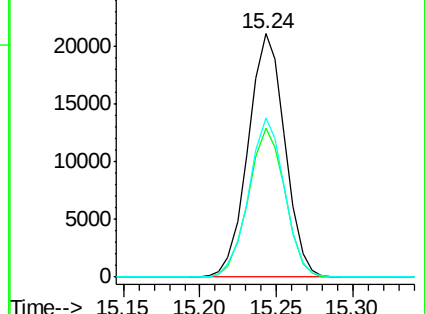
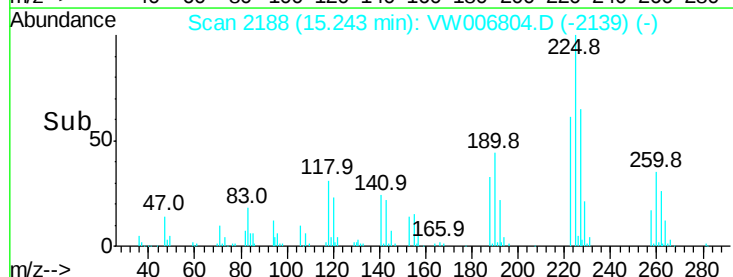


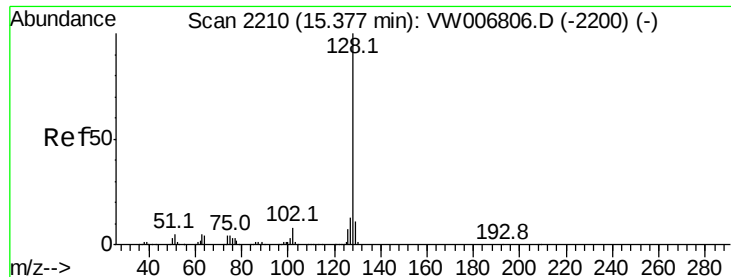
#94
 Hexachlorobutadiene
 Concen: 11.051 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006804.D
 Acq: 12 Nov 2018 12:50

Tgt Ion:225 Resp: 35206
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.2 93.6
 227 63.3 32.3 96.9



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

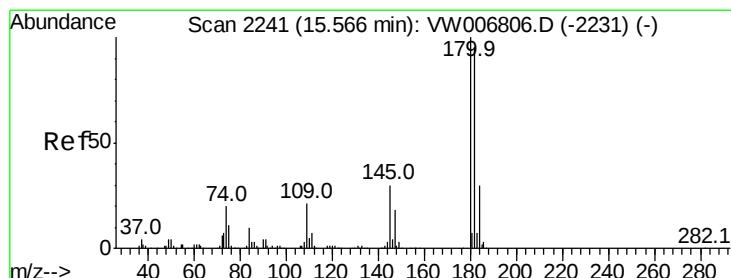
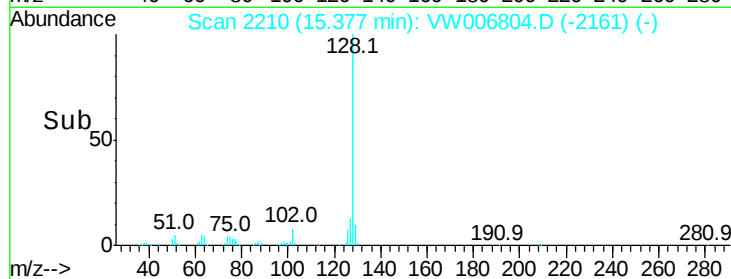
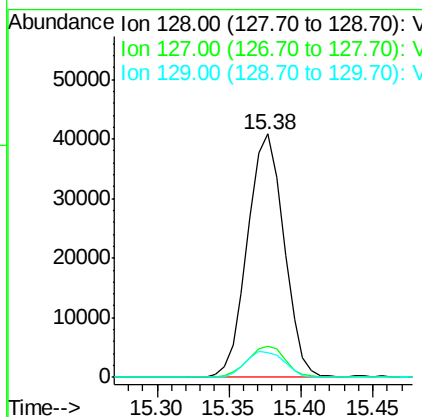
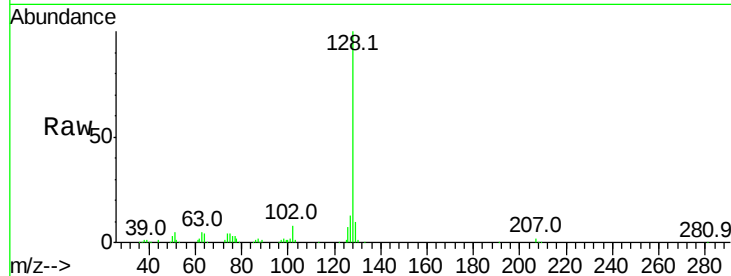




#95
Naphthalene
Concen: 9.253 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 71667
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 10.187 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006804.D
Acq: 12 Nov 2018 12:50

Tgt Ion:180 Resp: 44609
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 29.4 15.2 45.5

