

Data File : VW007180.D
Acq On : 04 Dec 2018 11:38
Operator : SY/AP
Sample : VSTDIC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Quant Time: Dec 05 00:46:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 00:43:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	121390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	190098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85565	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	10841	9.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.18%	
35) Dibromofluoromethane	7.88	113	10407	9.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.12%	
50) Toluene-d8	10.33	98	48345	10.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.16%	
62) 4-Bromofluorobenzene	12.62	95	18160	10.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	15313	11.530	ug/l	99
3) Chloromethane	2.21	50	19320	11.487	ug/l	99
4) Vinyl Chloride	2.36	62	11488	10.909	ug/l	95
5) Bromomethane	2.76	94	5721	10.842	ug/l	90
6) Chloroethane	2.92	64	6469	10.949	ug/l	93
7) Trichlorofluoromethane	3.26	101	20932	10.195	ug/l	94
8) Diethyl Ether	3.68	74	5450	9.523	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	12392	9.992	ug/l	96
10) Methyl Iodide	4.27	142	9552	9.041	ug/l	97
11) Tert butyl alcohol	5.16	59	6535	49.542	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	11681	10.050	ug/l	92
13) Acrolein	3.90	56	3624	45.762	ug/l	97
14) Allyl chloride	4.68	41	19250	10.333	ug/l	98
15) Acrylonitrile	5.37	53	10853	45.364	ug/l	99
16) Acetone	4.12	43	11942	44.634	ug/l	90
17) Carbon Disulfide	4.39	76	37951	9.906	ug/l	100
18) Methyl Acetate	4.67	43	5659	9.266	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	25612	9.359	ug/l	98
20) Methylene Chloride	4.92	84	19144	12.032	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	12976	9.999	ug/l	94
22) Diisopropyl ether	6.31	45	33685	10.072	ug/l	93
23) Vinyl Acetate	6.26	43	86579	47.444	ug/l	98
24) 1,1-Dichloroethane	6.22	63	21221	9.900	ug/l	97
25) 2-Butanone	7.17	43	14067	45.355	ug/l	93
26) 2,2-Dichloropropane	7.17	77	21212	10.297	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	14108	10.141	ug/l	99
28) Bromochloromethane	7.51	49	7605	9.839	ug/l	99
29) Tetrahydrofuran	7.53	42	8562	44.673	ug/l	99
30) Chloroform	7.68	83	22102	9.921	ug/l	99
31) Cyclohexane	7.96	56	23926	10.668	ug/l #	92
32) 1,1,1-Trichloroethane	7.88	97	21312	10.166	ug/l	99
36) 1,1-Dichloropropene	8.09	75	18541	10.024	ug/l	99
37) Ethyl Acetate	7.26	43	6130	9.162	ug/l	99
38) Carbon Tetrachloride	8.07	117	19355	10.252	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	25141	10.153	ug/l	98
40) Benzene	8.33	78	51198	10.094	ug/l	98
41) Methacrylonitrile	7.49	41	4210	10.505	ug/l	92
42) 1,2-Dichloroethane	8.40	62	13848	9.769	ug/l	100
43) Isopropyl Acetate	8.42	43	11488	8.840	ug/l	98
44) Trichloroethene	9.10	130	14264	10.005	ug/l	93
45) 1,2-Dichloropropane	9.37	63	11480	9.726	ug/l	96
46) Dibromomethane	9.46	93	5791	9.442	ug/l	98
47) Bromodichloromethane	9.65	83	16228	10.059	ug/l	99
48) Methyl methacrylate	9.44	41	6499	9.636	ug/l	95
49) 1,4-Dioxane	9.45	88	2218	207.016	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	28353	44.275	ug/l	99
52) Toluene	10.39	92	36643	10.386	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	14698	9.062	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	18156	9.551	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	8343	9.563	ug/l	92
56) Ethyl methacrylate	10.65	69	10318	9.067	ug/l #	90
57) 1,3-Dichloropropane	10.93	76	13790	9.363	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	21713	47.502	ug/l	100
59) 2-Hexanone	10.97	43	20302	43.733	ug/l	97
60) Dibromochloromethane	11.13	129	10008	9.334	ug/l	99
61) 1,2-Dibromoethane	11.24	107	7861	9.395	ug/l	96
64) Tetrachloroethene	10.87	164	12420	9.984	ug/l	96
65) Chlorobenzene	11.66	112	39670	10.432	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.73	131	11481	9.776	ug/l	97
67) Ethyl Benzene	11.74	91	69699	10.057	ug/l	98
68) m/p-Xylenes	11.84	106	54272	19.961	ug/l	93
69) o-Xylene	12.17	106	25894	10.194	ug/l	95
70) Styrene	12.18	104	42555	10.234	ug/l	99
71) Bromoform	12.35	173	5349	9.099	ug/l #	99
73) Isopropylbenzene	12.47	105	71443	10.266	ug/l	99
74) N-amyl acetate	12.27	43	11628	9.424	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	9027	9.988	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	12108	10.528	ug/l #	100
77) Bromobenzene	12.75	156	15675	10.435	ug/l	95
78) n-propylbenzene	12.81	91	88256	10.645	ug/l	95
79) 2-Chlorotoluene	12.90	91	49752	10.626	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	61568	10.341	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	2858	9.298	ug/l	97
82) 4-Chlorotoluene	12.99	91	50890	10.217	ug/l	99
83) tert-Butylbenzene	13.21	119	53544	10.291	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	62347	10.259	ug/l	95
85) sec-Butylbenzene	13.39	105	78829	10.613	ug/l	96
86) p-Isopropyltoluene	13.51	119	69095	10.450	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	32032	10.387	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	31445	10.095	ug/l	96
89) n-Butylbenzene	13.83	91	65297	10.568	ug/l	97
90) Hexachloroethane	14.10	117	10230	10.153	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	27279	10.218	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1662	9.492	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
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	18026	9.743	ug/l	98
94) Hexachlorobutadiene	15.24	225	10430	10.454	ug/l	96
95) Naphthalene	15.38	128	30833	9.299	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	15116	9.690	ug/l	99

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

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Acq On : 04 Dec 2018 11:38

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MSVOA_W
ClientSampleId :
VSTDICC010

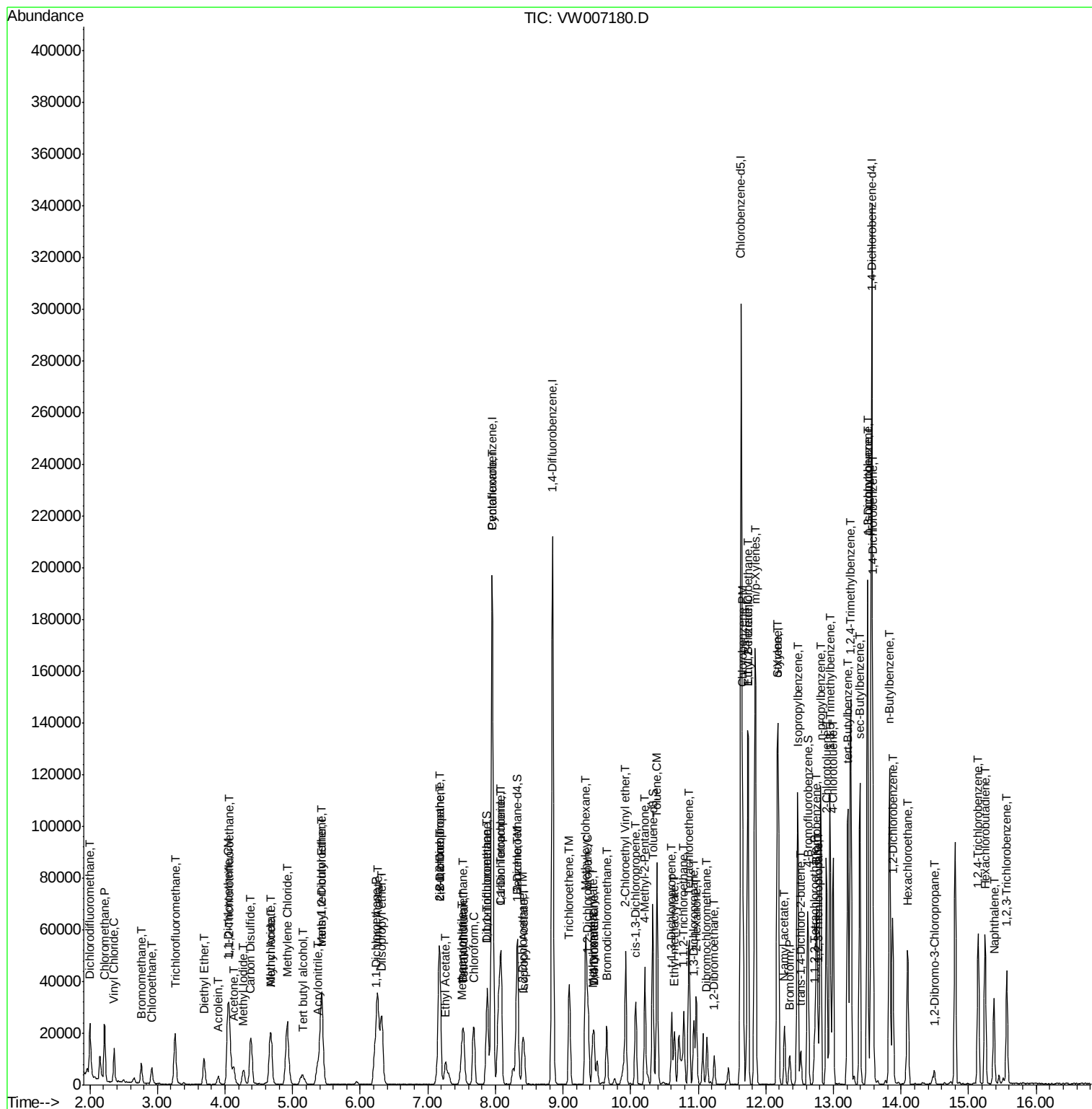
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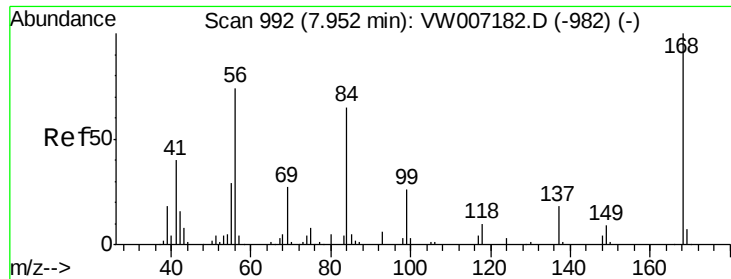
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\82W120418S.M

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QLast Update : Wed Dec 05 00:43:04 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

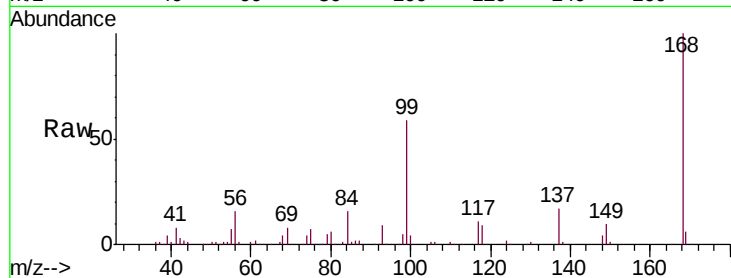
VSTDIC010

Tgt Ion:168 Resp: 121390

Ion Ratio Lower Upper

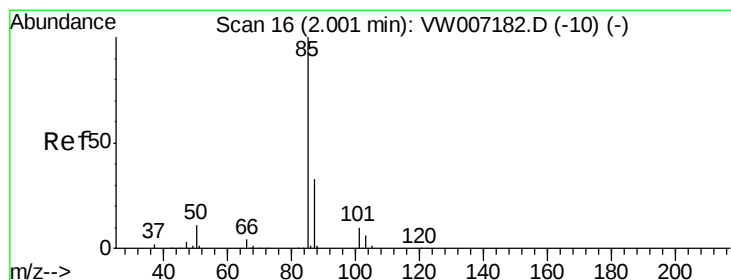
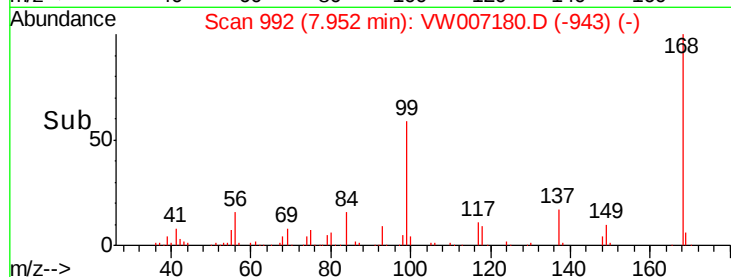
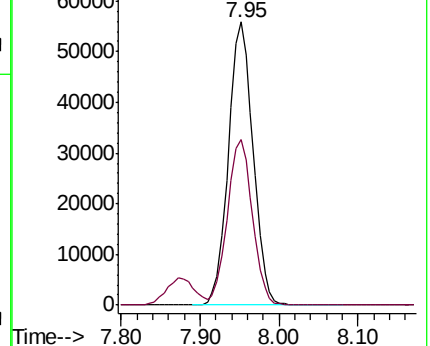
168 100

99 58.6 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 11.530 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW007180.D

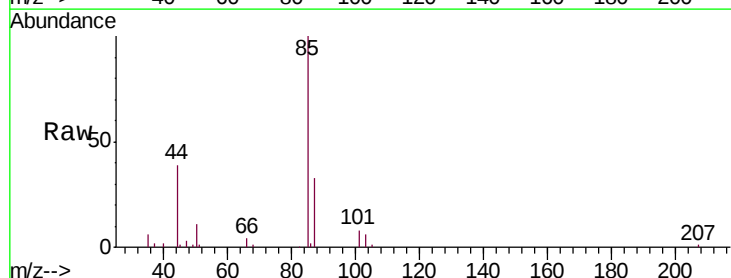
Acq: 04 Dec 2018 11:38

Tgt Ion: 85 Resp: 15313

Ion Ratio Lower Upper

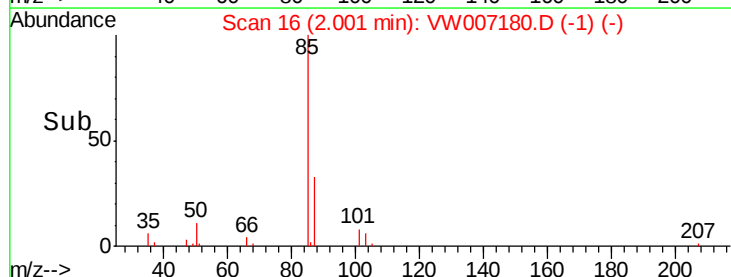
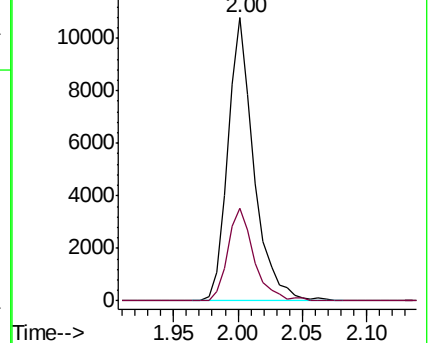
85 100

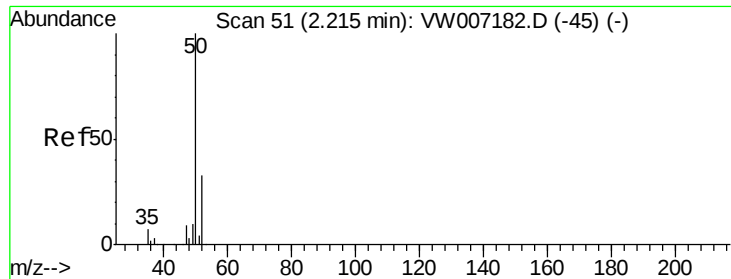
87 32.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 11.487 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007180.D

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Instrument :

MSVOA_W

ClientSampleId :

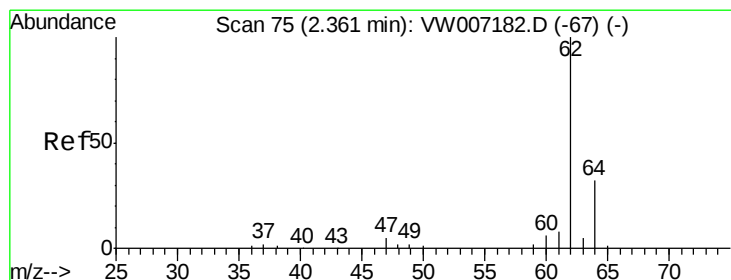
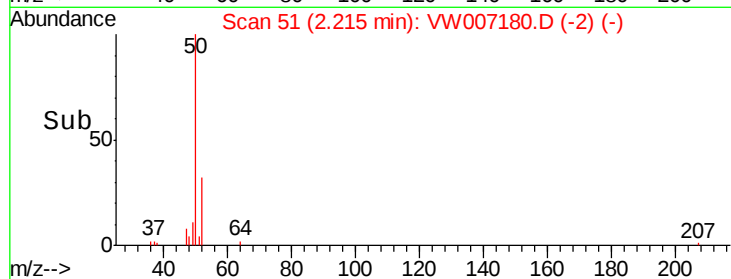
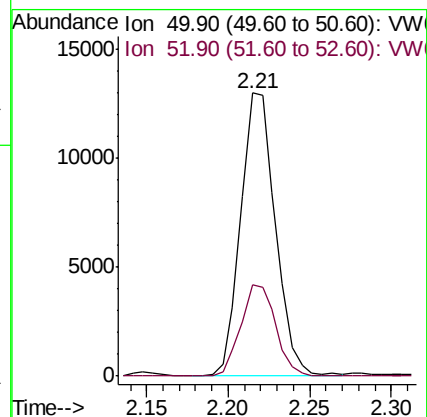
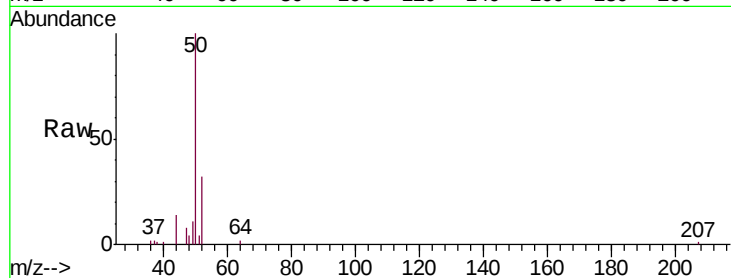
VSTDIC010

Tgt Ion: 50 Resp: 19320

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



#4

Vinyl Chloride

Concen: 10.909 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW007180.D

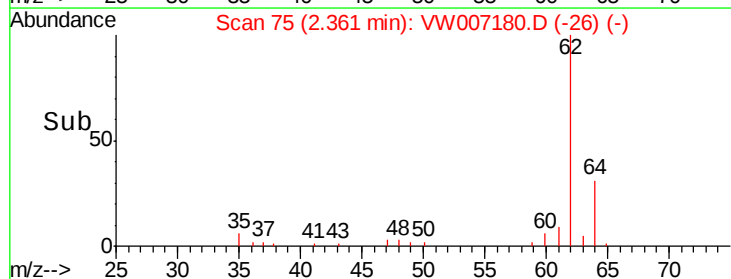
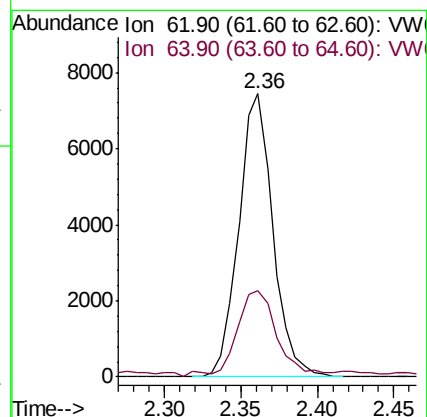
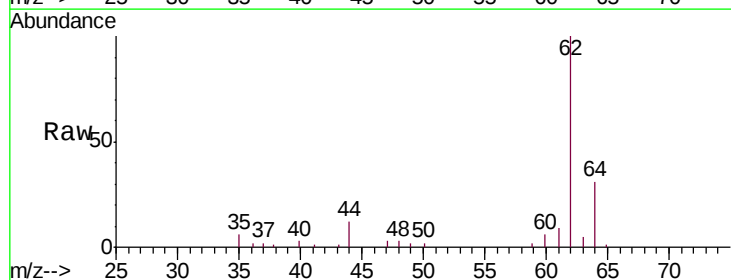
Acq: 04 Dec 2018 11:38

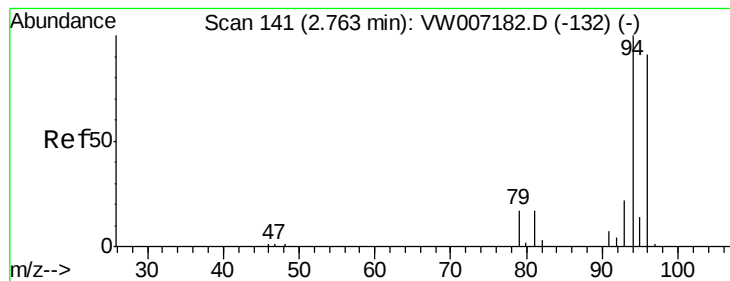
Tgt Ion: 62 Resp: 11488

Ion Ratio Lower Upper

62 100

64 28.8 25.3 37.9





#5

Bromomethane

Concen: 10.842 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

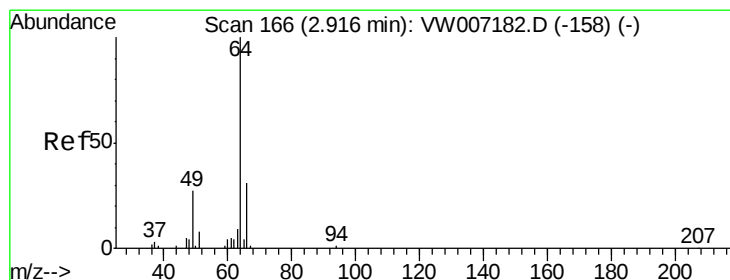
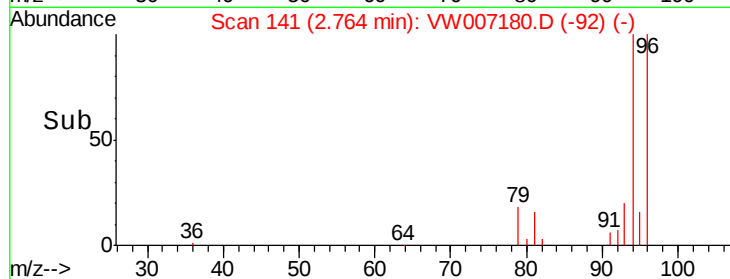
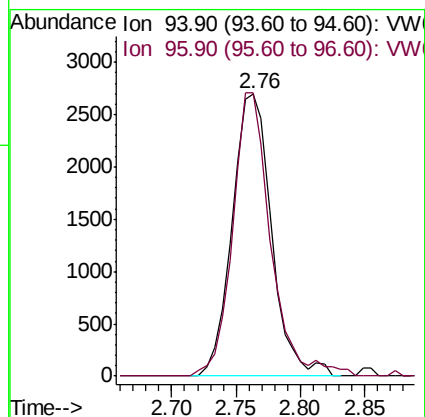
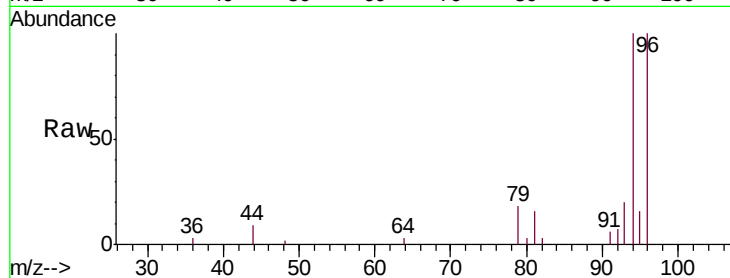
VSTDIC010

Tgt Ion: 94 Resp: 5721

Ion Ratio Lower Upper

94 100

96 100.1 72.8 109.2



#6

Chloroethane

Concen: 10.949 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW007180.D

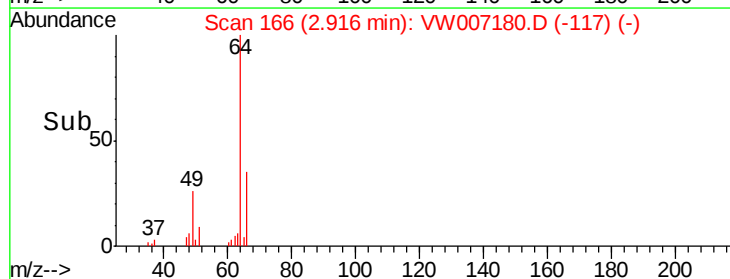
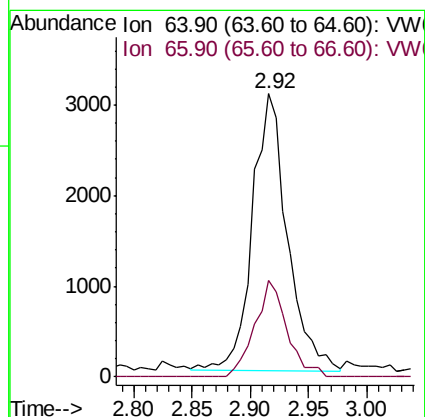
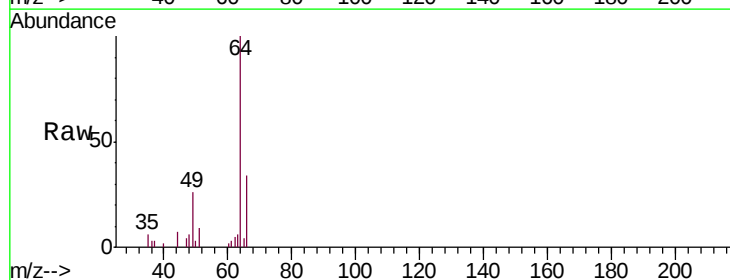
Acq: 04 Dec 2018 11:38

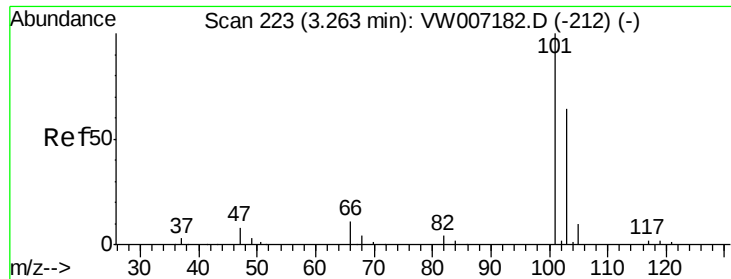
Tgt Ion: 64 Resp: 6469

Ion Ratio Lower Upper

64 100

66 35.1 25.0 37.6



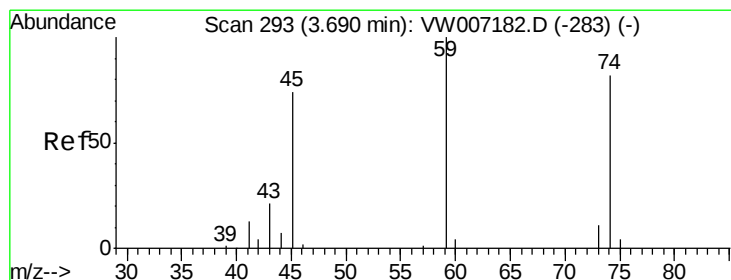
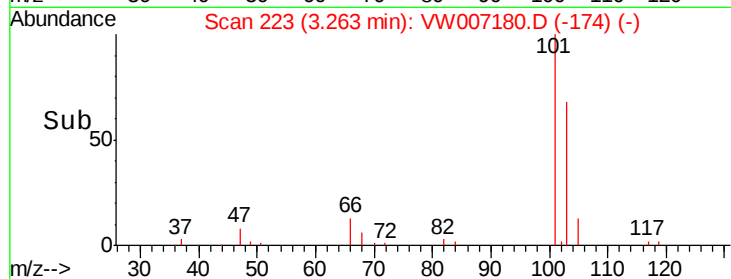
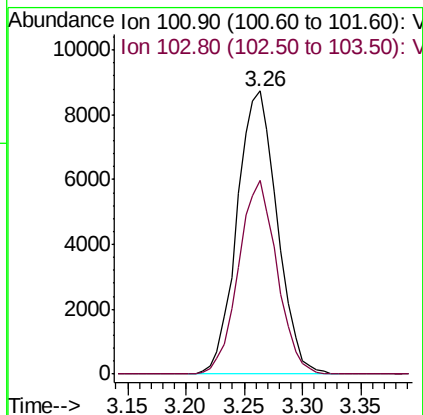
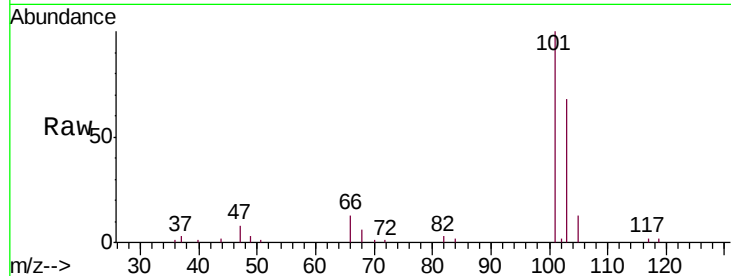


#7

Trichlorofluoromethane
 Concen: 10.195 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW007180.D
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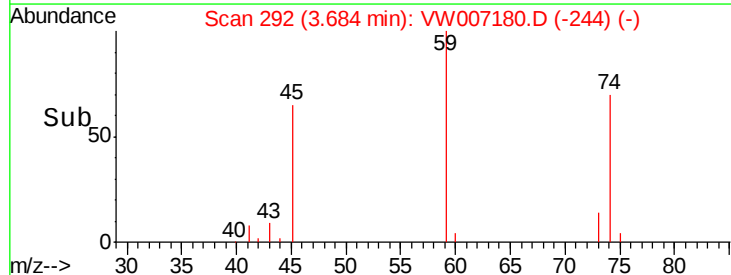
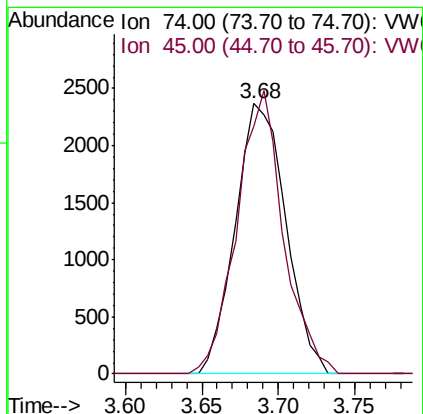
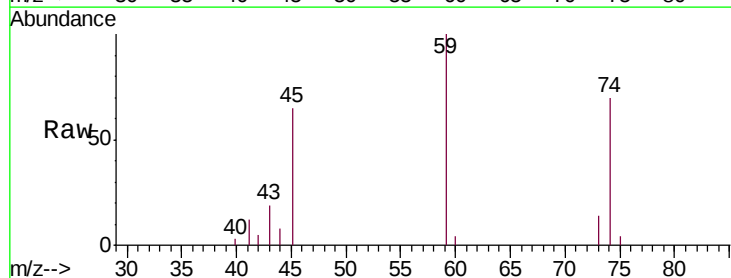
Tgt Ion:101 Resp: 20932
 Ion Ratio Lower Upper
 101 100
 103 68.3 50.9 76.3

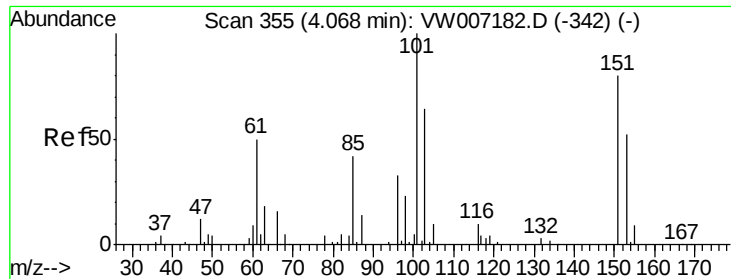


#8

Diethyl Ether
 Concen: 9.523 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion: 74 Resp: 5450
 Ion Ratio Lower Upper
 74 100
 45 96.3 47.2 141.6

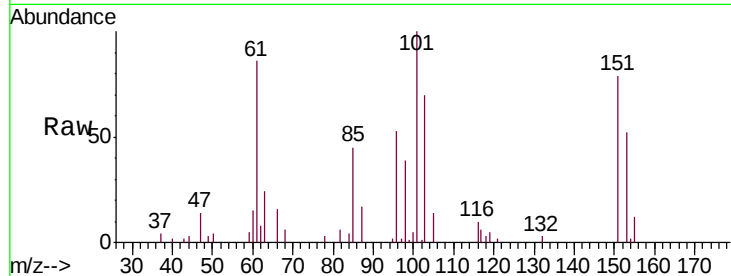




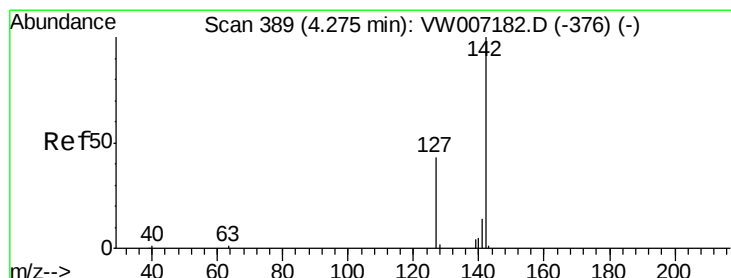
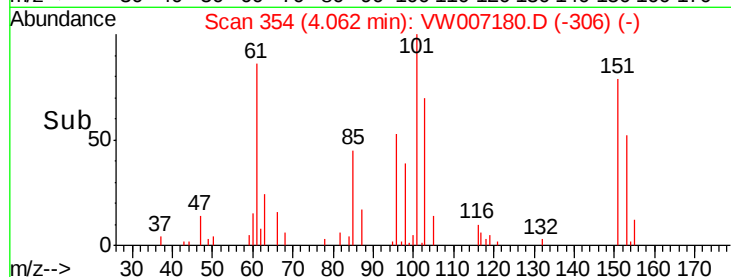
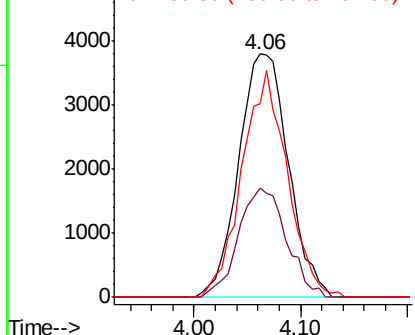
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.992 ug/l
 RT: 4.06 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

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 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:101 Resp: 12392
 Ion Ratio Lower Upper
 101 100
 85 43.4 33.4 50.2
 151 84.6 63.9 95.9

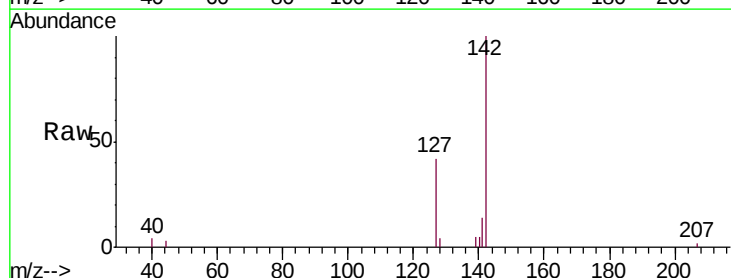


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VV
 Ion 150.80 (150.50 to 151.50): V

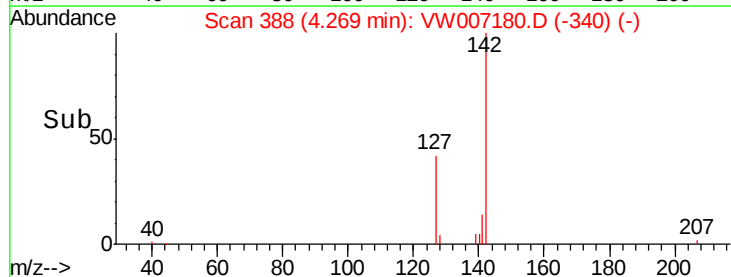
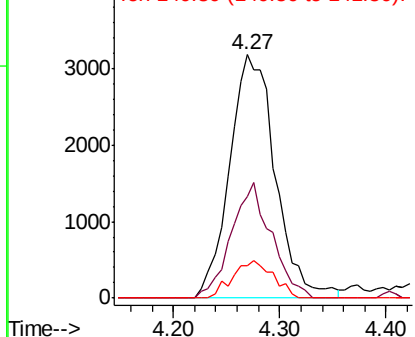


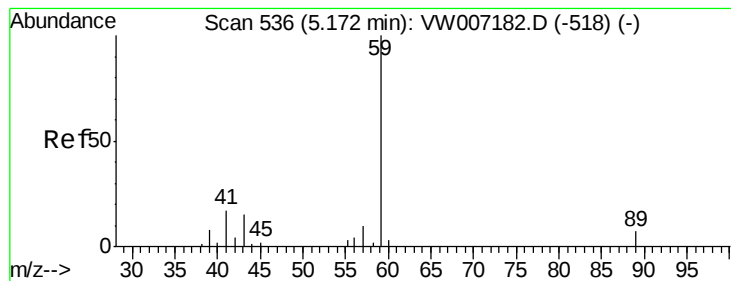
#10
 Methyl Iodide
 Concen: 9.041 ug/l
 RT: 4.27 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion:142 Resp: 9552
 Ion Ratio Lower Upper
 142 100
 127 41.5 34.9 52.3
 141 13.7 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



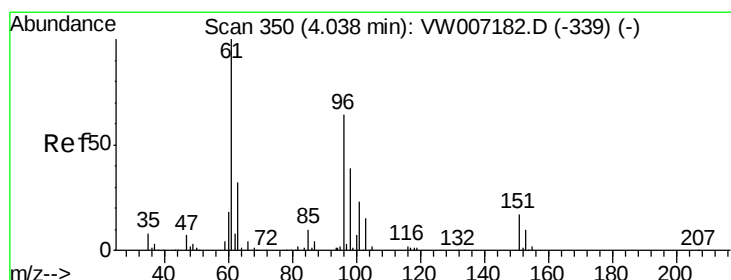
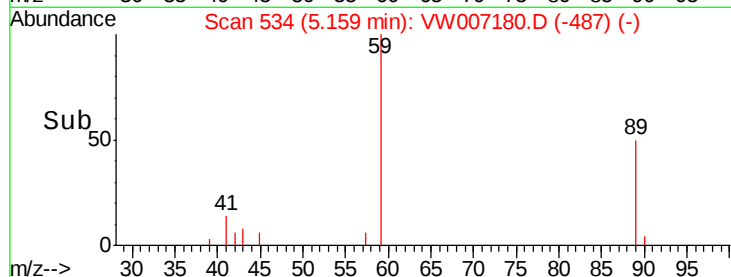
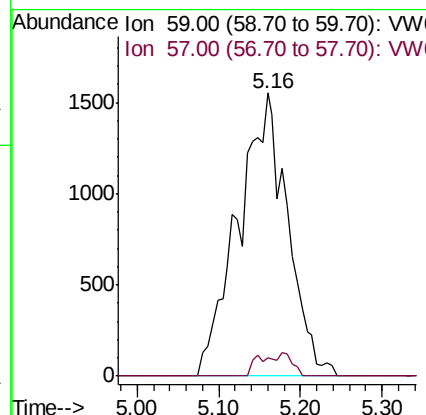
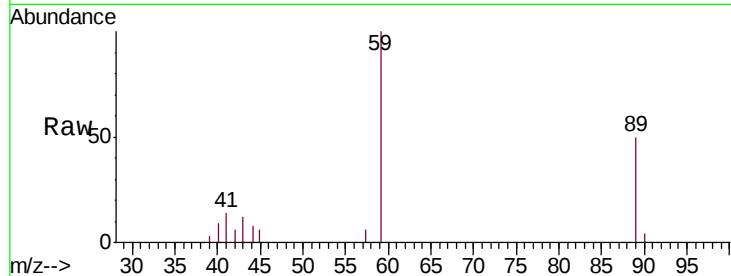


#11

Tert butyl alcohol
 Concen: 49.542 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

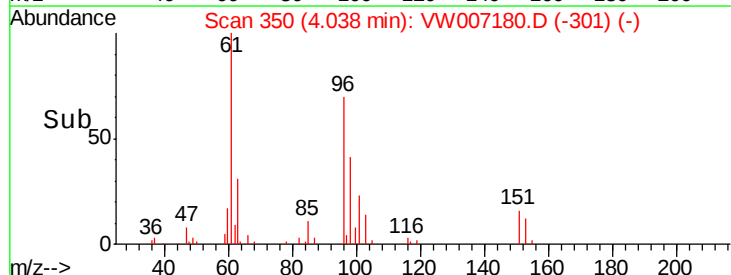
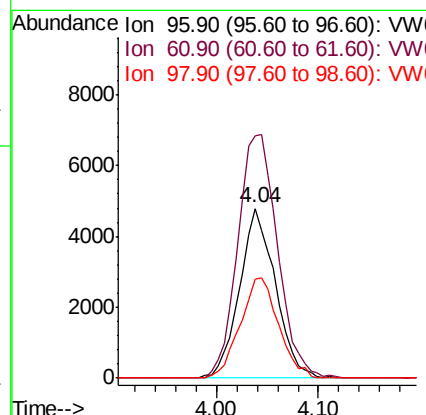
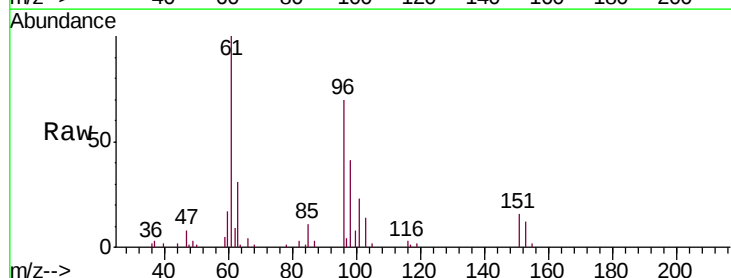
Tgt Ion: 59 Resp: 6535
 Ion Ratio Lower Upper
 59 100
 57 2.7 7.1 10.7#

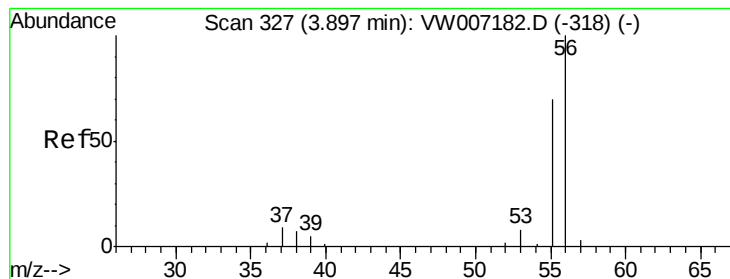


#12

1,1-Dichloroethene
 Concen: 10.050 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion: 96 Resp: 11681
 Ion Ratio Lower Upper
 96 100
 61 142.9 124.1 186.1
 98 57.9 48.6 72.8





#13

Acrolein

Concen: 45.762 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

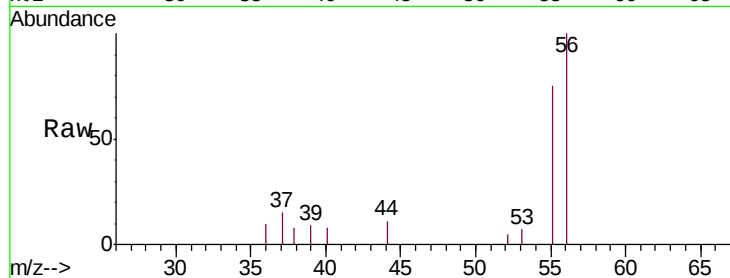
VSTDIC010

Tgt Ion: 56 Resp: 3624

Ion Ratio Lower Upper

56 100

55 73.9 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.90

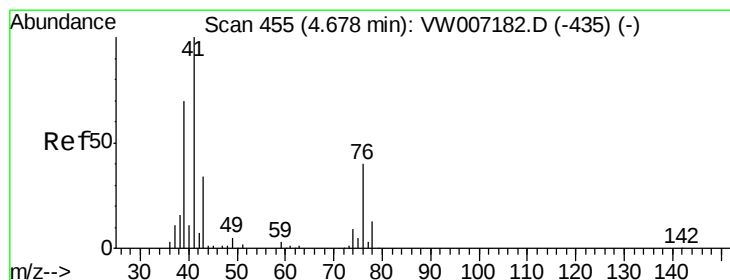
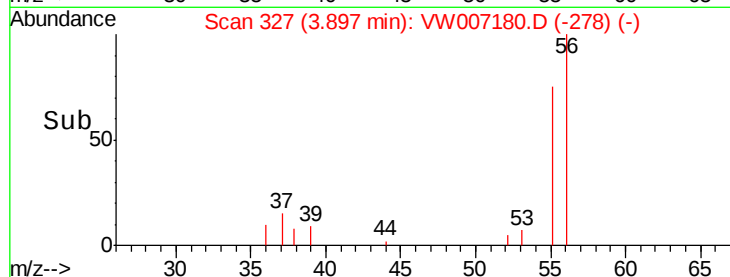
1500

1000

500

0

Time--> 3.80 3.85 3.90 3.95



#14

Allyl chloride

Concen: 10.333 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

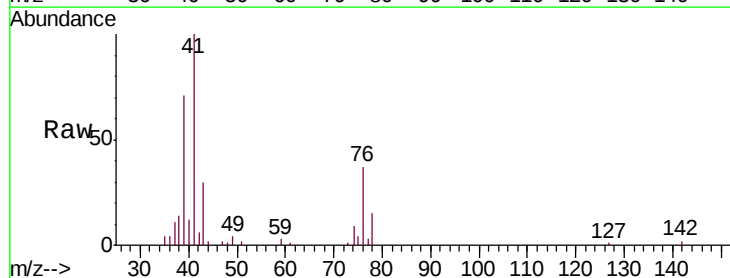
Tgt Ion: 41 Resp: 19250

Ion Ratio Lower Upper

41 100

39 69.6 55.9 83.9

76 36.3 30.8 46.2



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

8000

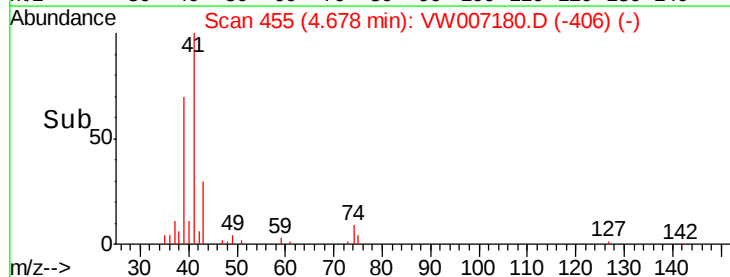
6000

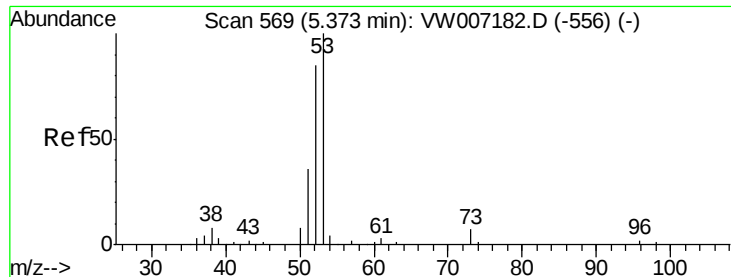
4000

2000

0

Time--> 4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 45.364 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

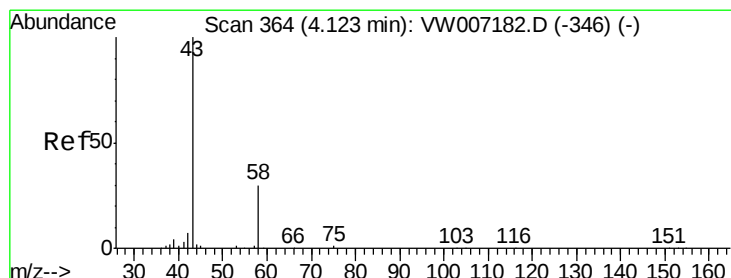
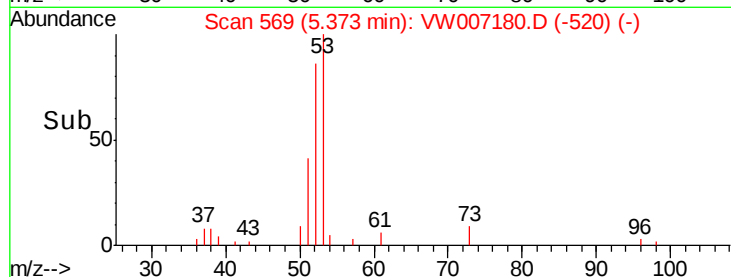
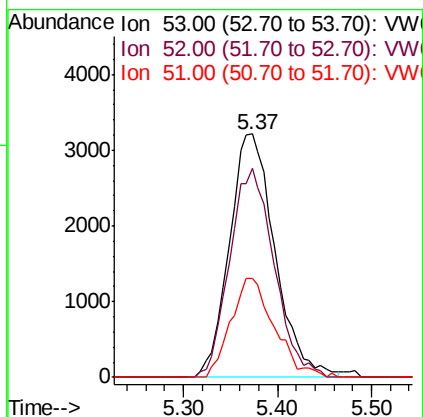
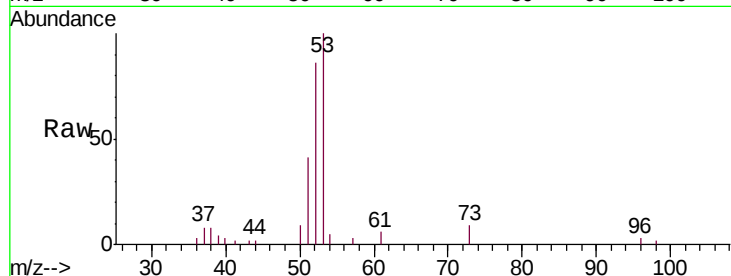
Tgt Ion: 53 Resp: 10853

Ion Ratio Lower Upper

53 100

52 83.6 66.1 99.1

51 39.0 30.3 45.5



#16

Acetone

Concen: 44.634 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW007180.D

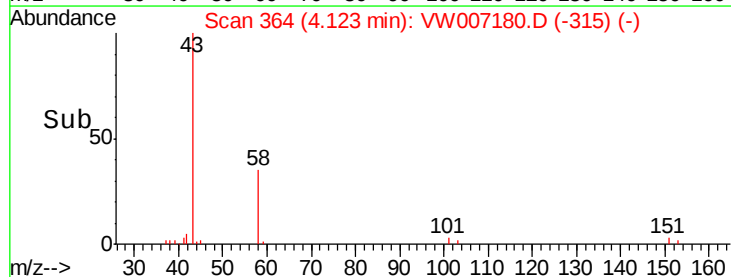
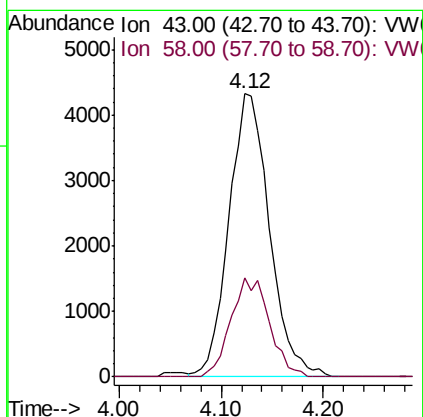
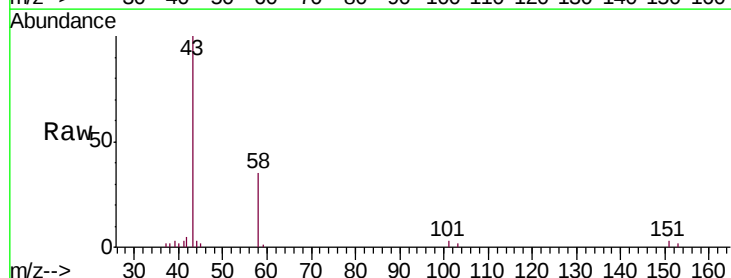
Acq: 04 Dec 2018 11:38

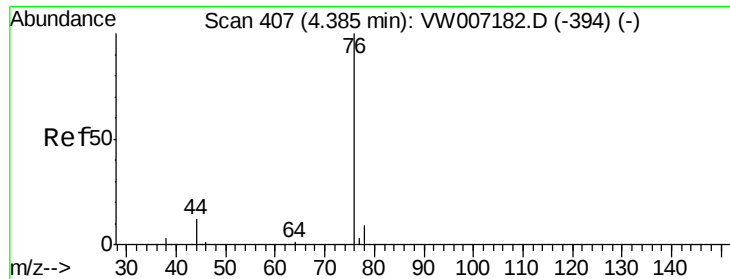
Tgt Ion: 43 Resp: 11942

Ion Ratio Lower Upper

43 100

58 35.2 23.8 35.8

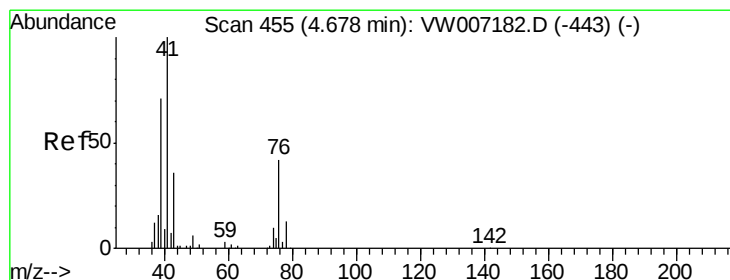
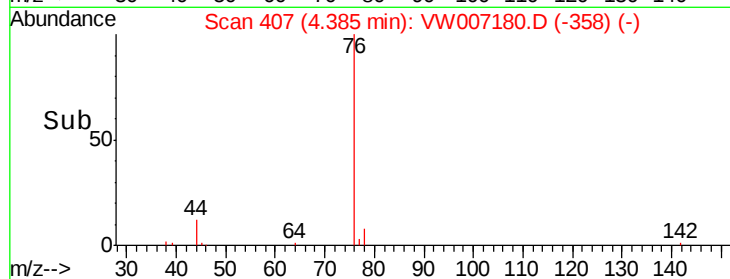
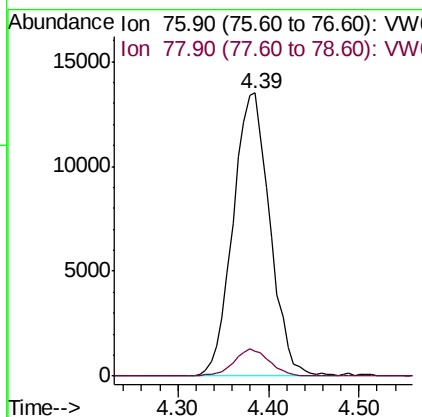
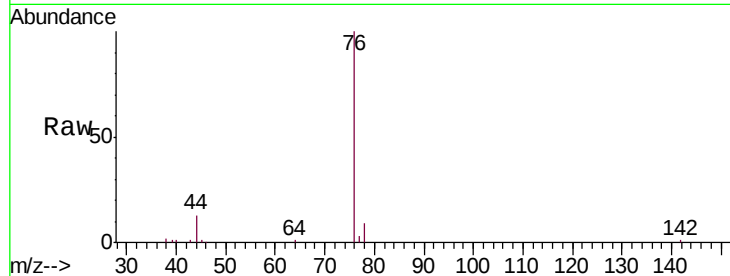




#17
Carbon Disulfide
Concen: 9.906 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

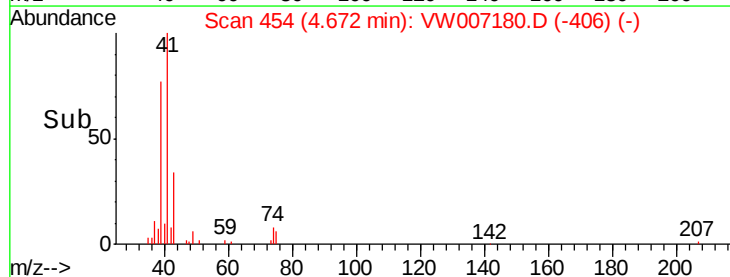
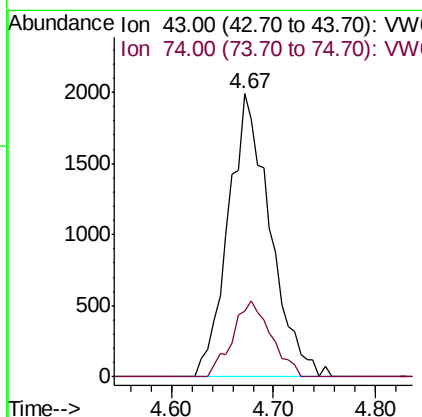
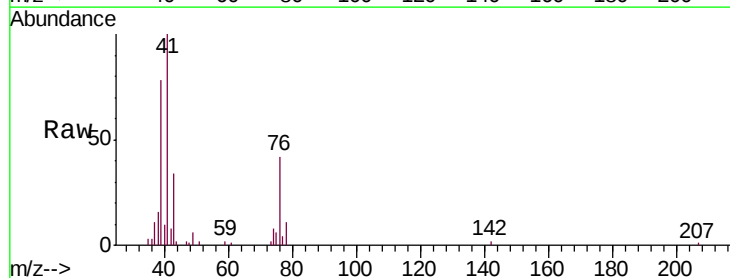
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

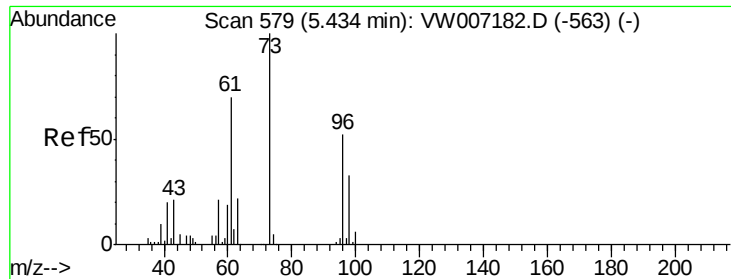
Tgt Ion: 76 Resp: 37951
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 9.266 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion: 43 Resp: 5659
Ion Ratio Lower Upper
43 100
74 24.6 20.1 30.1

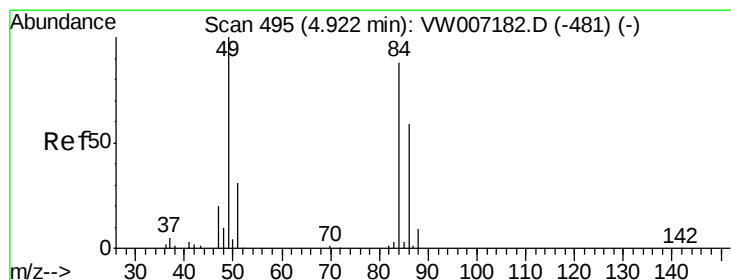
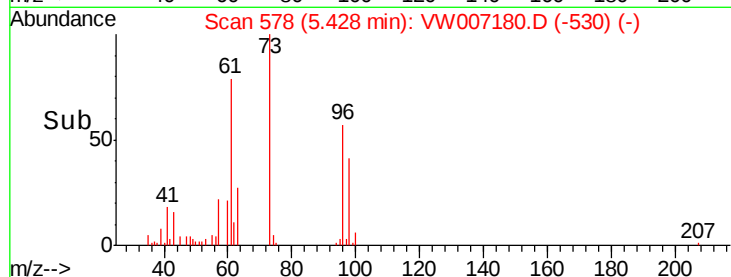
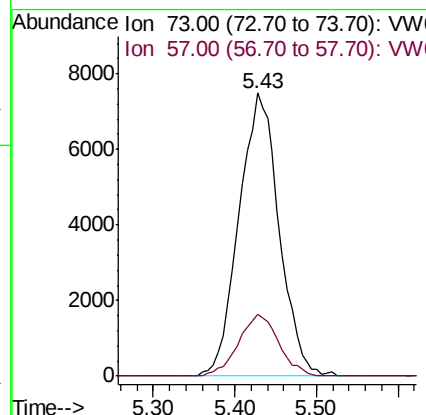
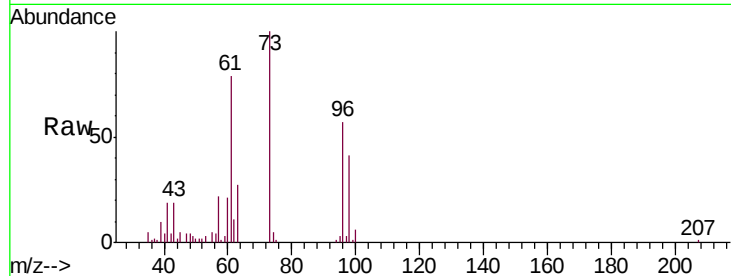




#19
Methyl tert-butyl Ether
Concen: 9.359 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

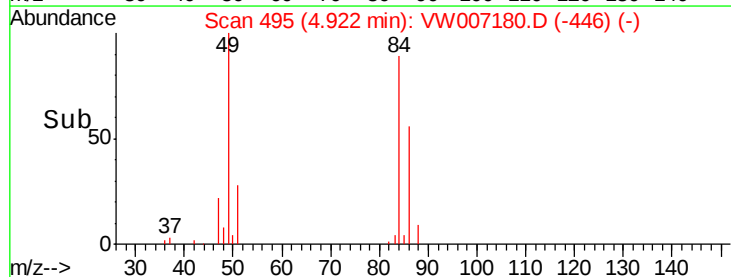
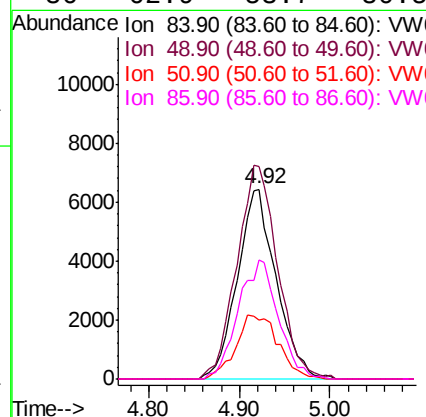
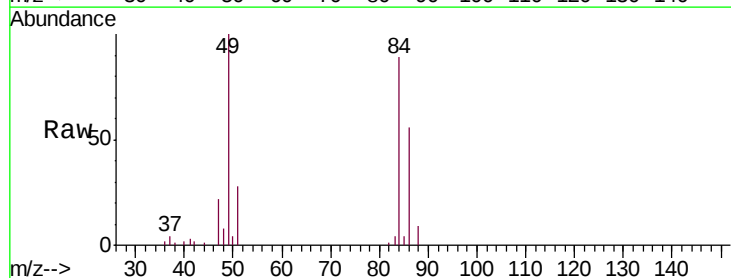
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

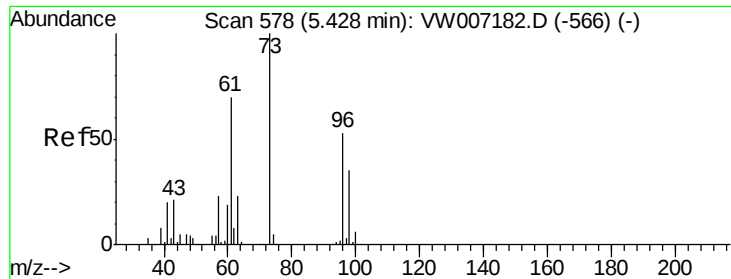
Tgt Ion: 73 Resp: 25612
Ion Ratio Lower Upper
73 100
57 21.8 16.6 25.0



#20
Methylene Chloride
Concen: 12.032 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion: 84 Resp: 19144
Ion Ratio Lower Upper
84 100
49 112.0 90.6 135.8
51 31.0 27.6 41.4
86 62.9 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 9.999 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

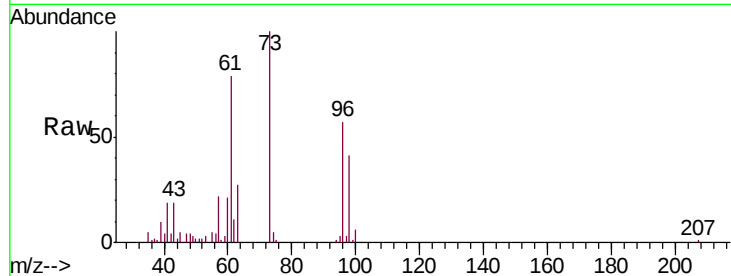
Tgt Ion: 96 Resp: 12976

Ion Ratio Lower Upper

96 100

61 138.7 105.5 158.3

98 71.8 52.6 79.0

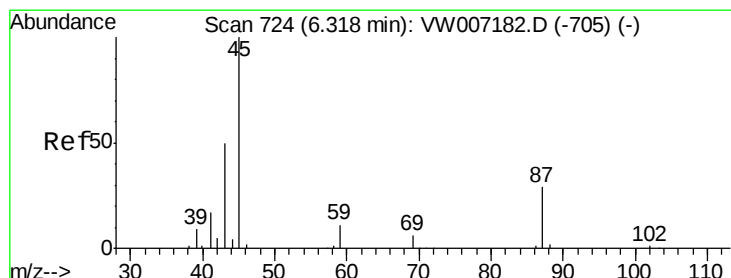
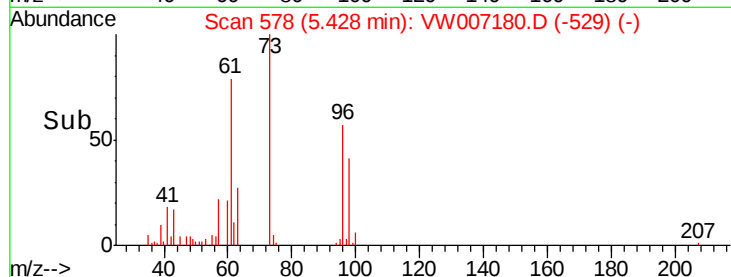
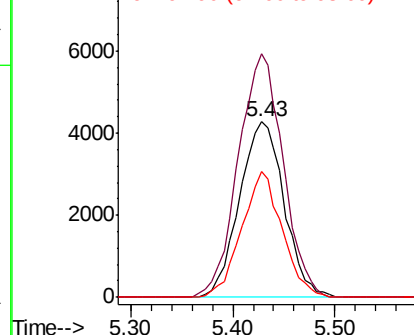


Abundance

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



#22

Diisopropyl ether

Concen: 10.072 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Tgt Ion: 45 Resp: 33685

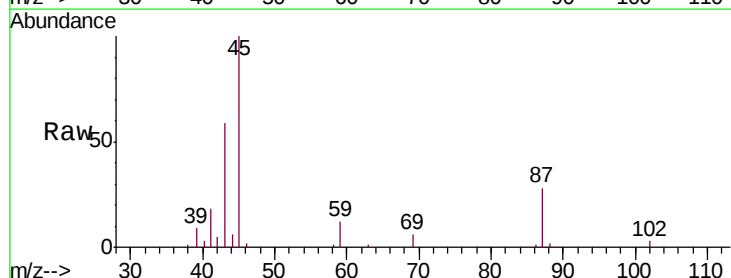
Ion Ratio Lower Upper

45 100

43 57.9 40.8 61.2

87 27.9 24.0 36.0

59 11.6 9.1 13.7



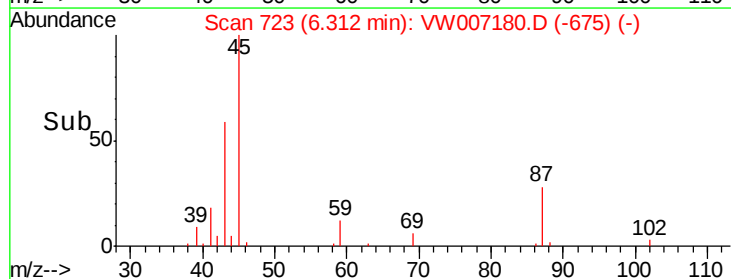
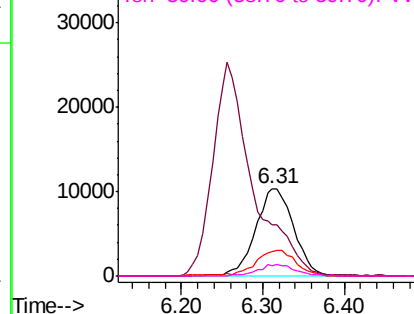
Abundance

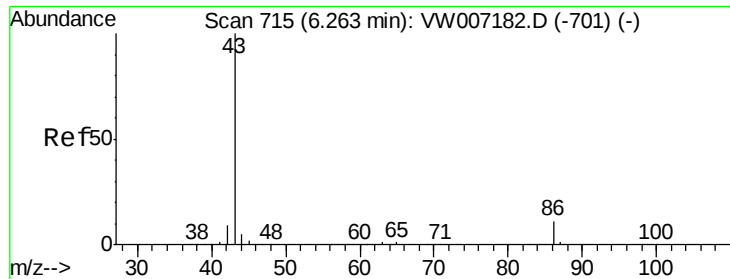
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 47.444 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

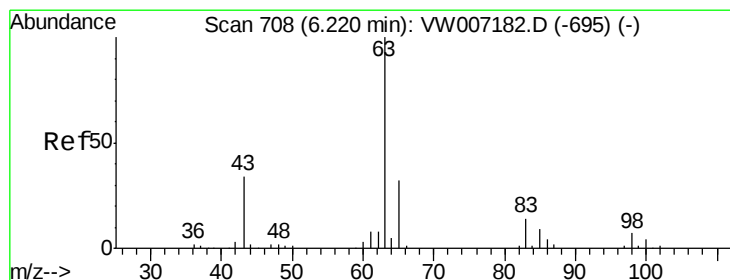
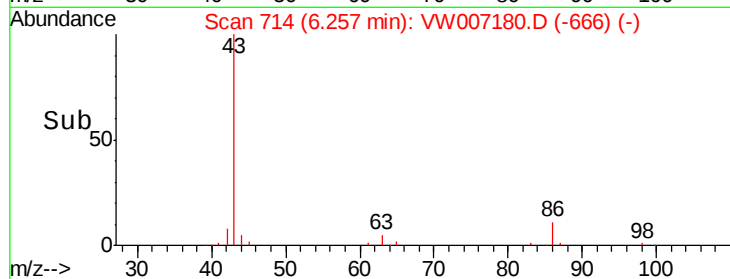
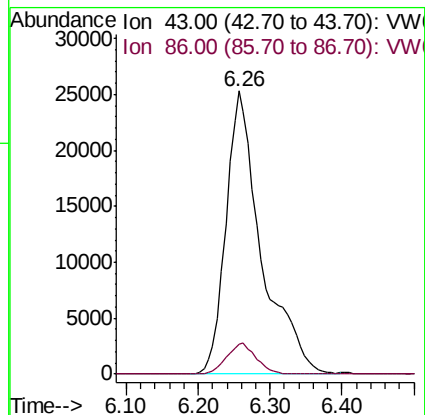
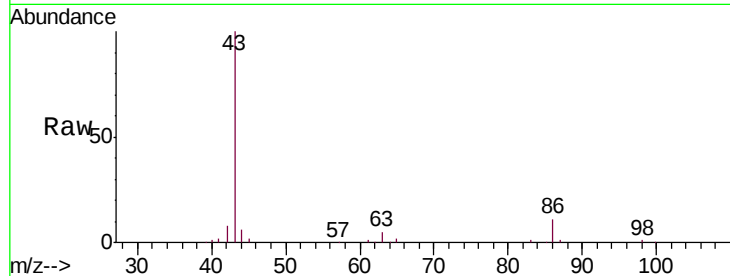
VSTDIC010

Tgt Ion: 43 Resp: 86579

Ion Ratio Lower Upper

43 100

86 10.6 9.0 13.6



#24

1,1-Dichloroethane

Concen: 9.900 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

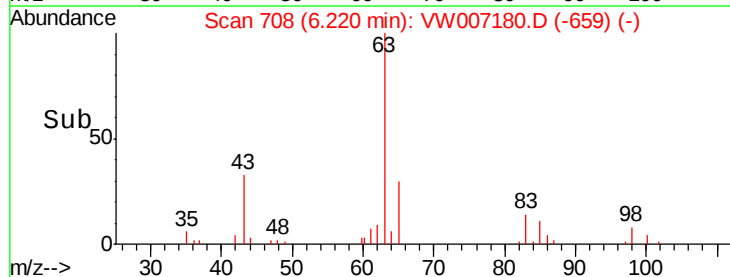
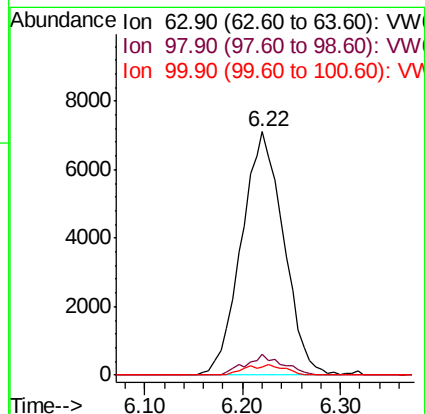
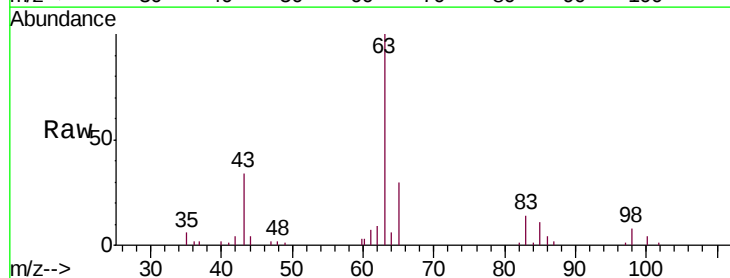
Tgt Ion: 63 Resp: 21221

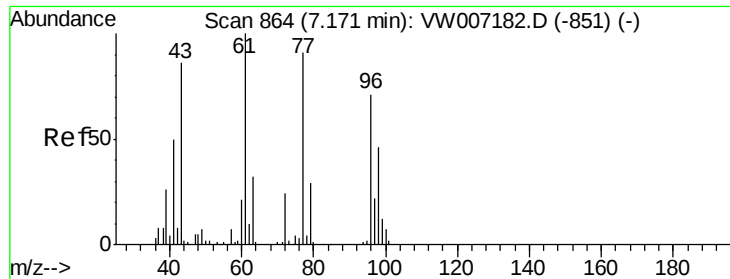
Ion Ratio Lower Upper

63 100

98 8.5 3.5 10.5

100 3.5 2.1 6.2





#25

2-Butanone

Concen: 45.355 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

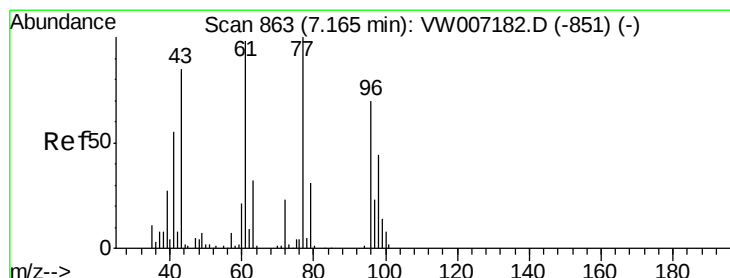
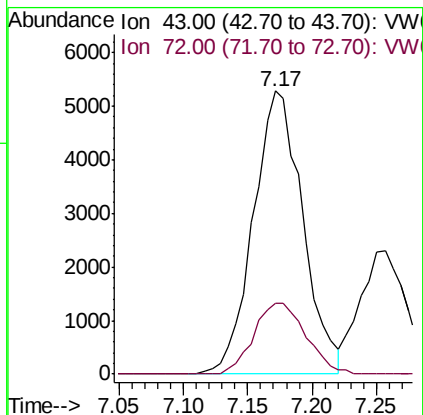
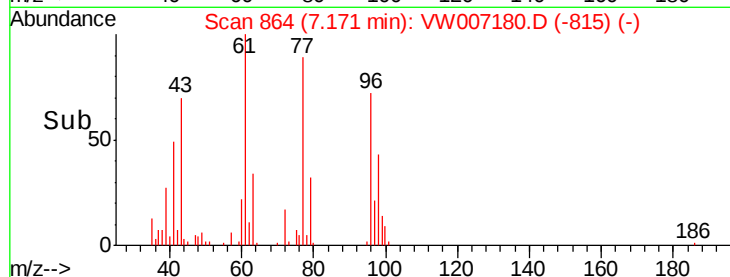
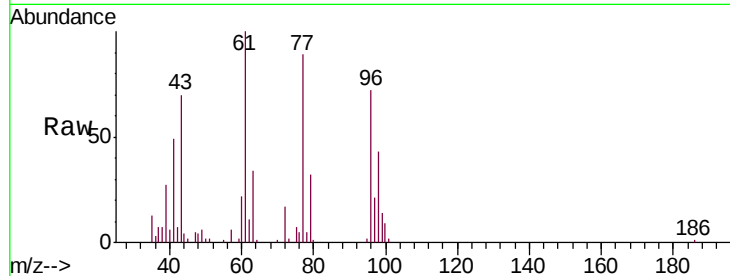
VSTDIC010

Tgt Ion: 43 Resp: 14067

Ion Ratio Lower Upper

43 100

72 24.9 22.8 34.2



#26

2,2-Dichloropropane

Concen: 10.297 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW007180.D

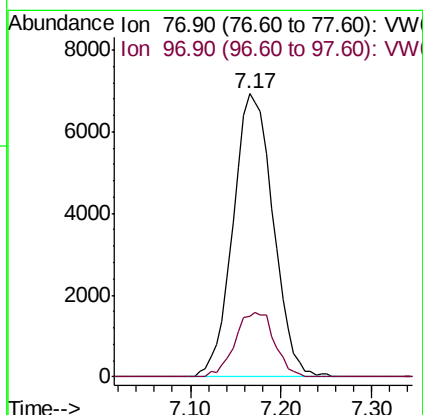
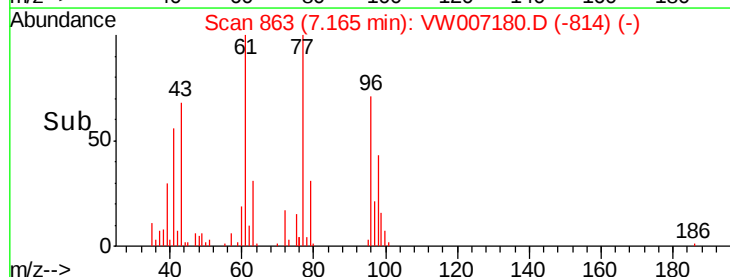
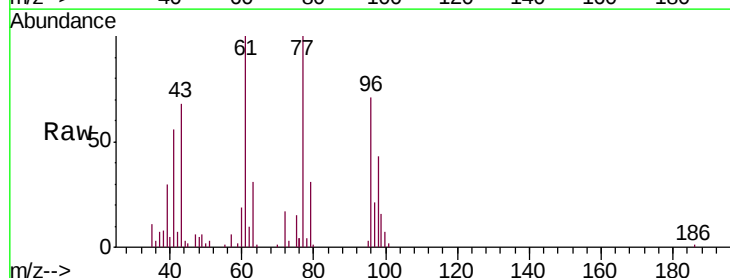
Acq: 04 Dec 2018 11:38

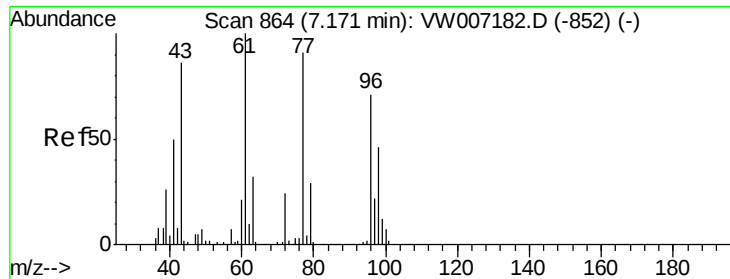
Tgt Ion: 77 Resp: 21212

Ion Ratio Lower Upper

77 100

97 22.3 11.5 34.4



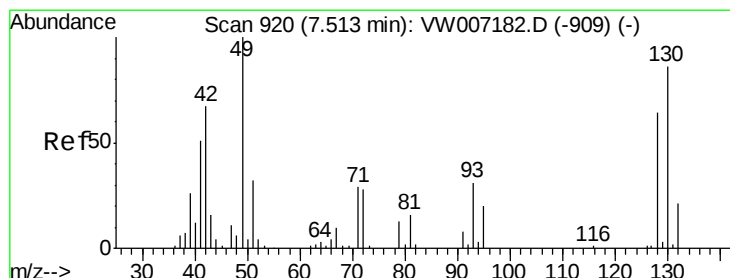
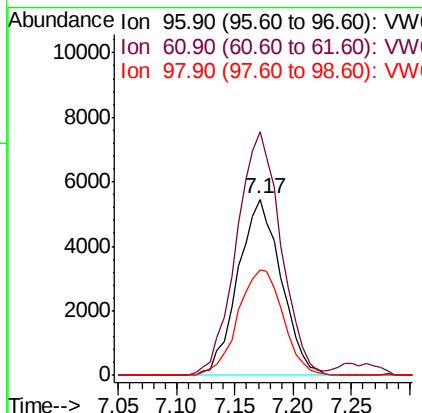
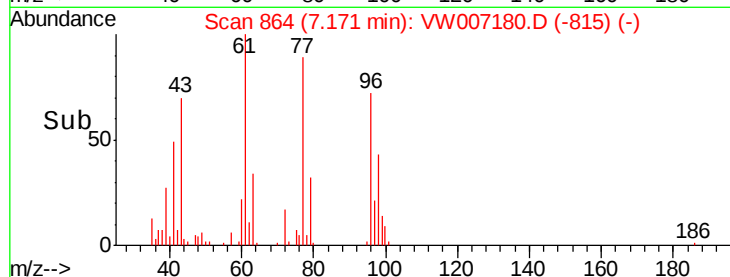
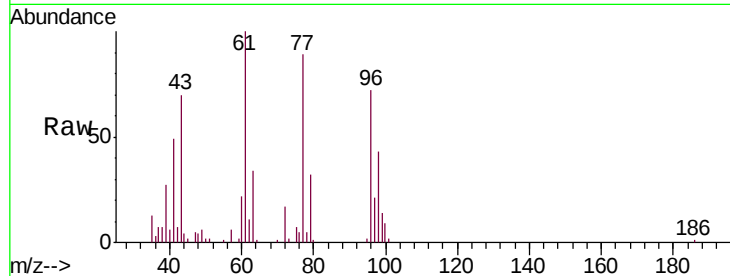


#27

cis-1,2-Dichloroethene
Concen: 10.141 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

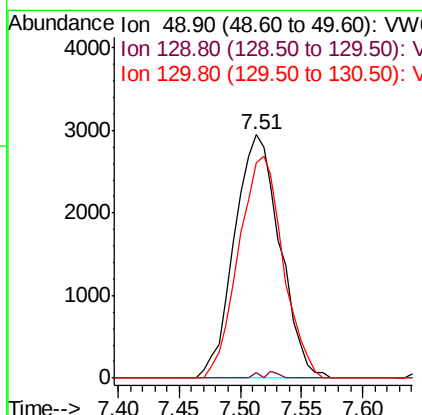
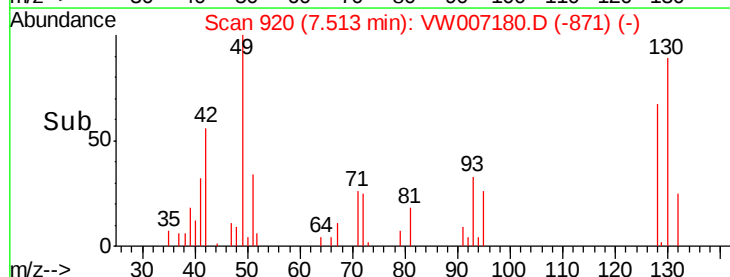
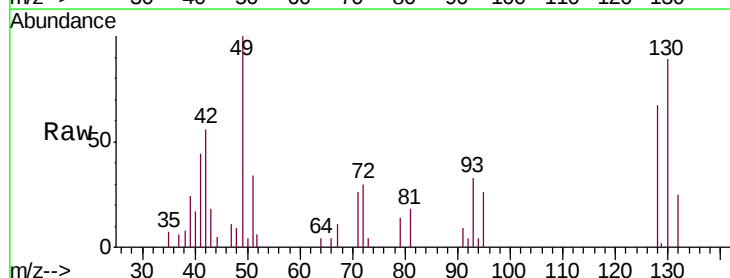
Tgt Ion: 96 Resp: 14108
Ion Ratio Lower Upper
96 100
61 141.6 0.0 282.4
98 62.4 0.0 129.8

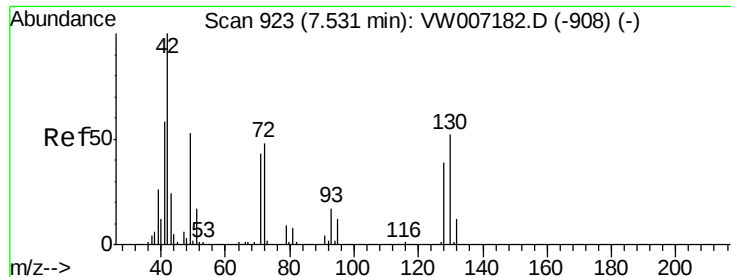


#28

Bromochloromethane
Concen: 9.839 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion: 49 Resp: 7605
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.8
130 89.2 70.3 105.5

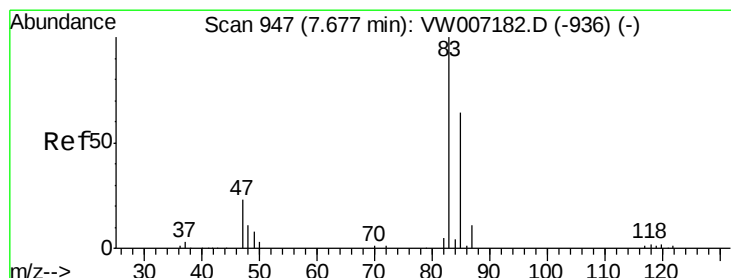
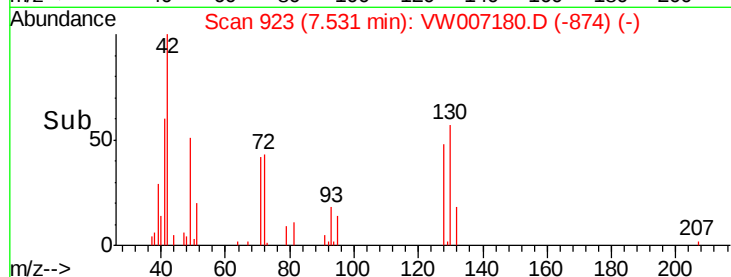
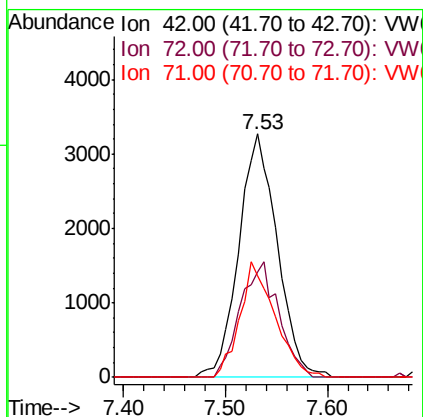
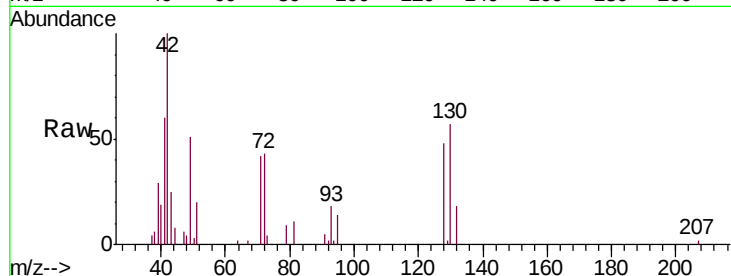




#29
Tetrahydrofuran
Concen: 44.673 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

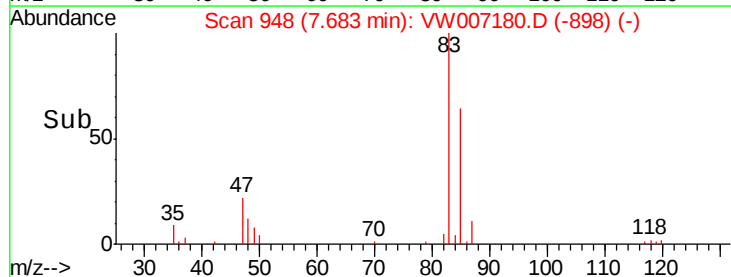
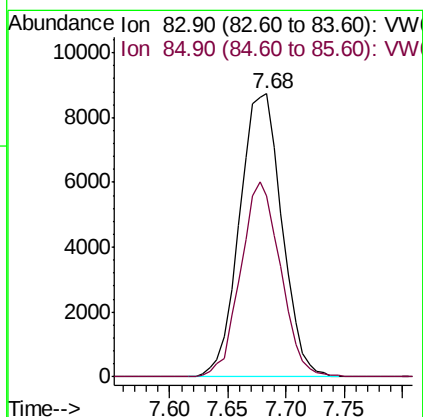
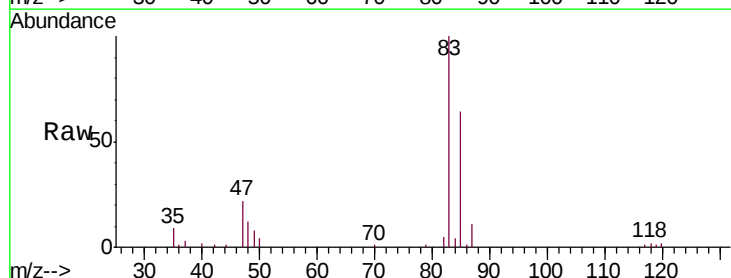
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

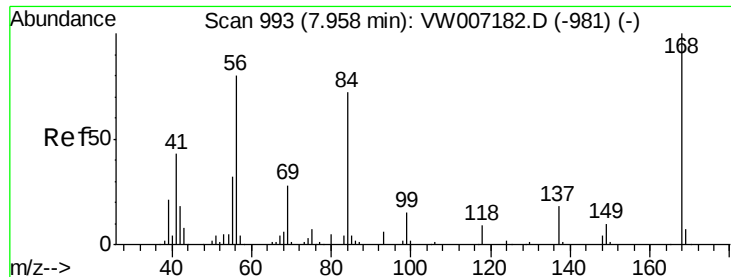
Tgt Ion: 42 Resp: 8562
Ion Ratio Lower Upper
42 100
72 47.4 36.6 55.0
71 43.2 34.8 52.2



#30
Chloroform
Concen: 9.921 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion: 83 Resp: 22102
Ion Ratio Lower Upper
83 100
85 63.8 51.5 77.3

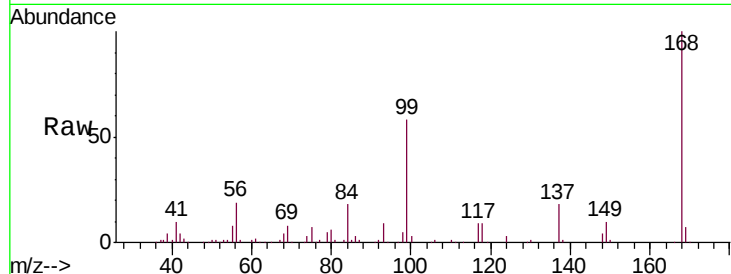




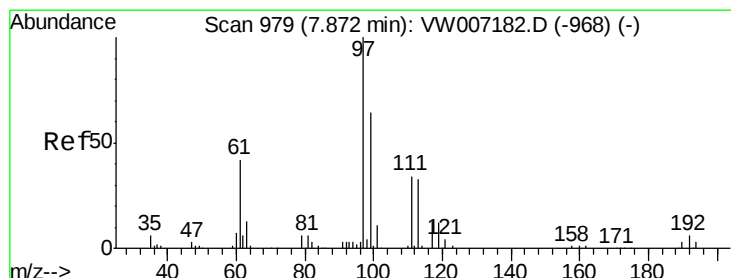
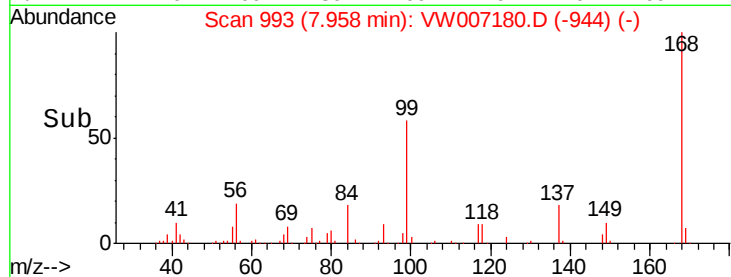
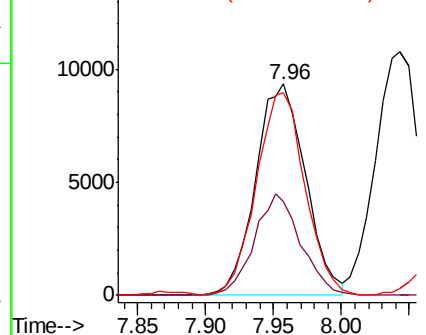
#31
Cyclohexane
Concen: 10.668 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 23926
Ion Ratio Lower Upper
56 100
69 44.7 28.2 42.2#
84 95.1 72.1 108.1

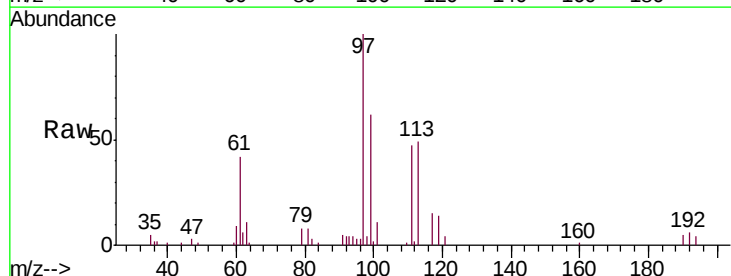


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

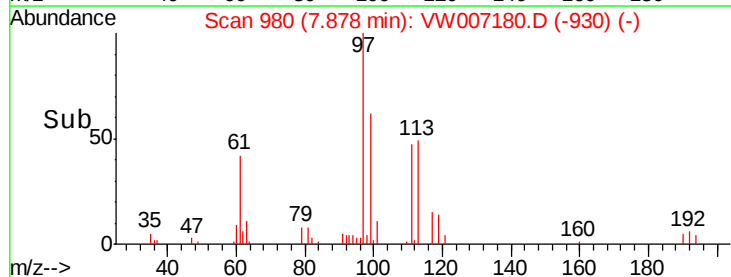
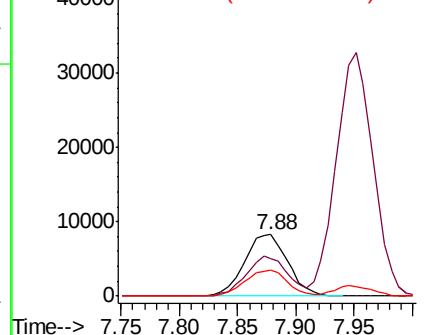


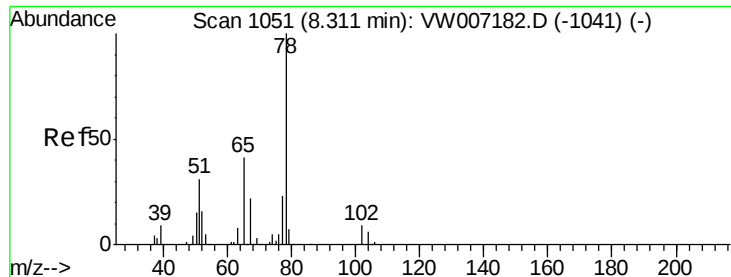
#32
1,1,1-Trichloroethane
Concen: 10.166 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion: 97 Resp: 21312
Ion Ratio Lower Upper
97 100
99 62.9 51.3 76.9
61 42.0 33.2 49.8



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

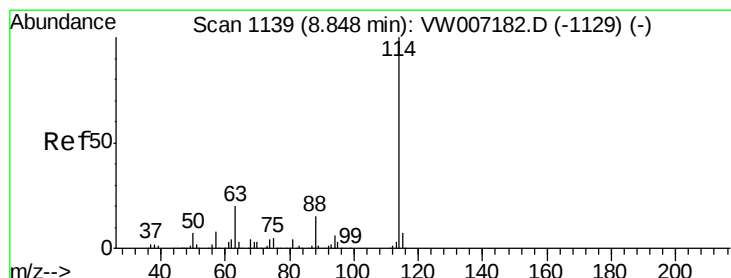
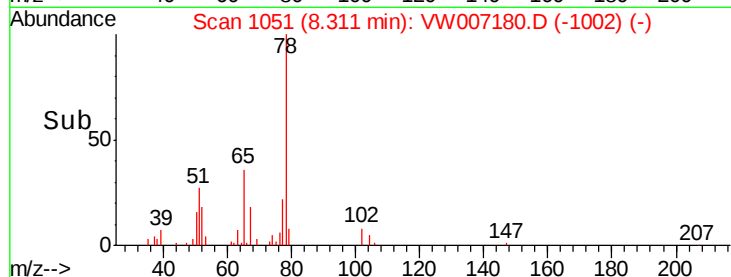
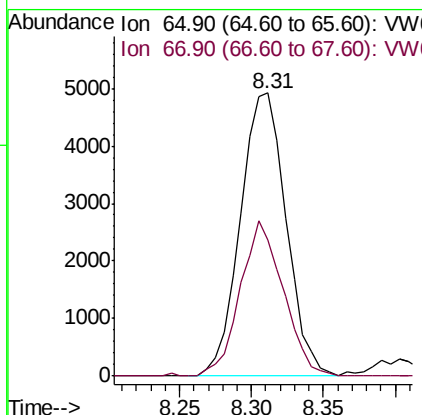
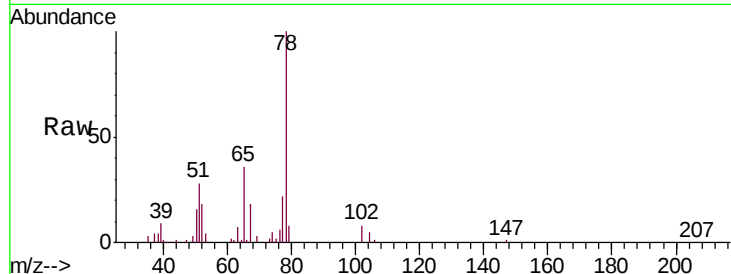




#33
 1,2-Dichloroethane-d4
 Concen: 9.592 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

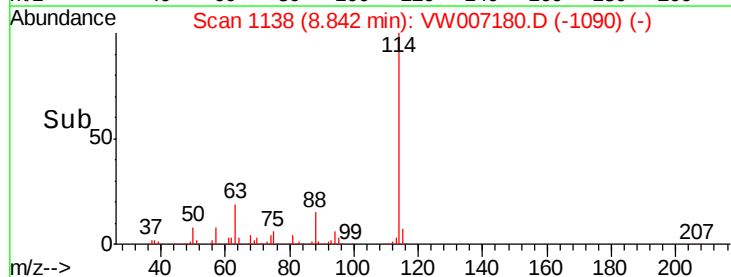
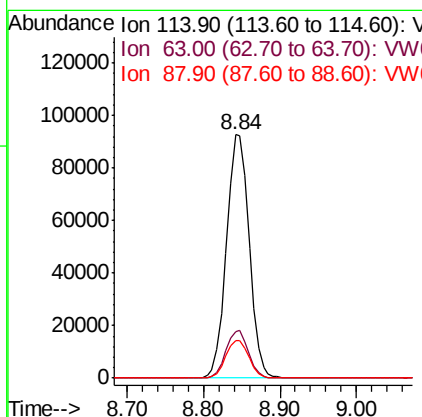
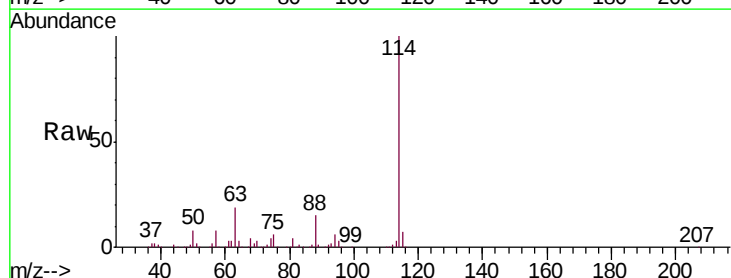
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

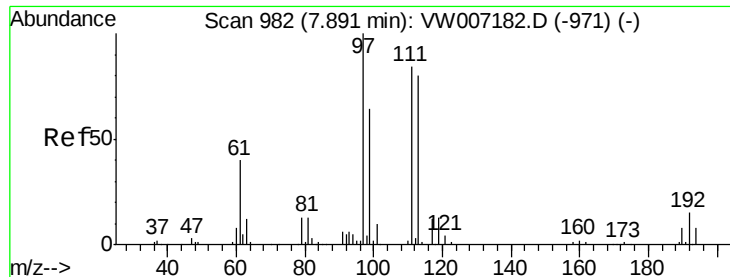
Tgt Ion: 65 Resp: 10841
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion: 114 Resp: 190098
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.2
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 9.561 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

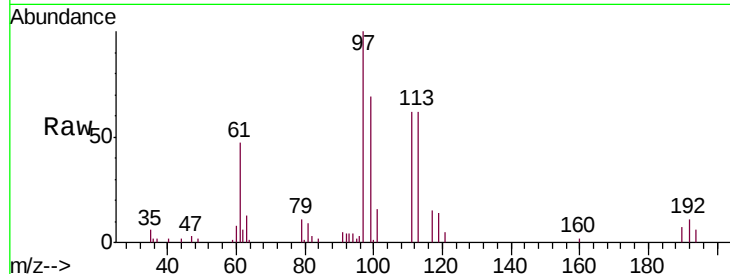
Tgt Ion:113 Resp: 10407

Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

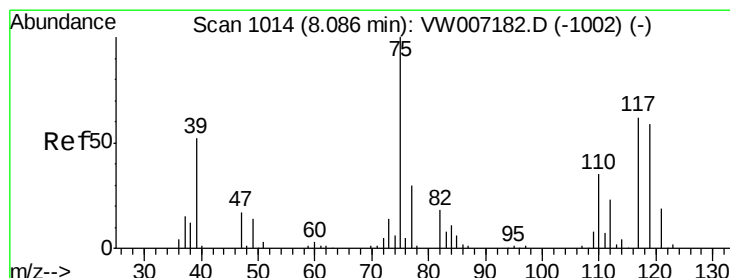
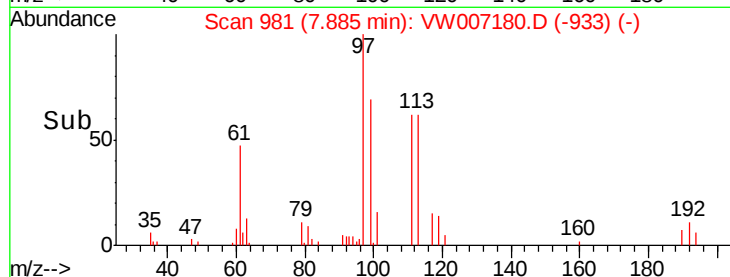
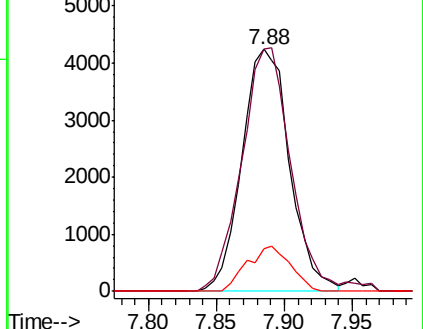
192 17.0 14.4 21.6



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: 10.024 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

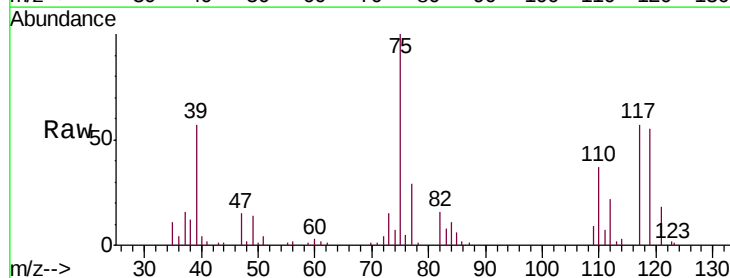
Tgt Ion: 75 Resp: 18541

Ion Ratio Lower Upper

75 100

110 36.5 18.3 54.9

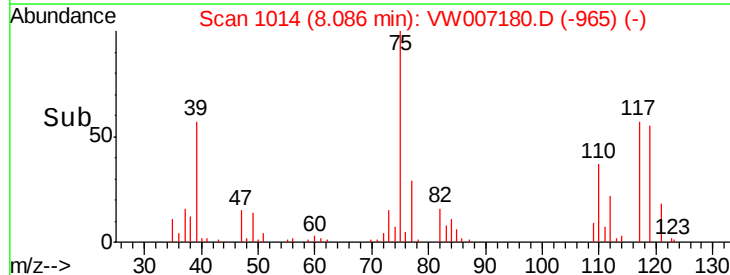
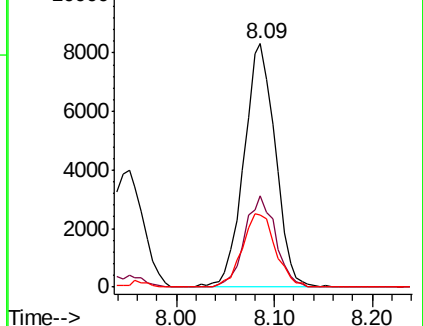
77 31.7 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

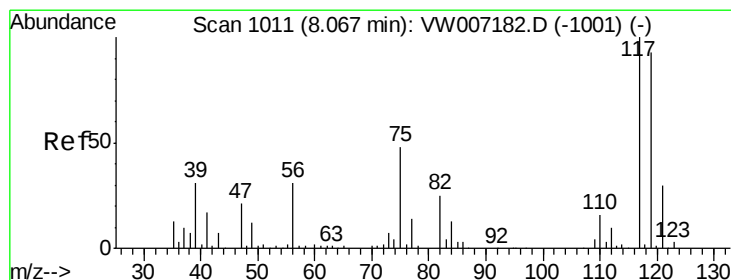
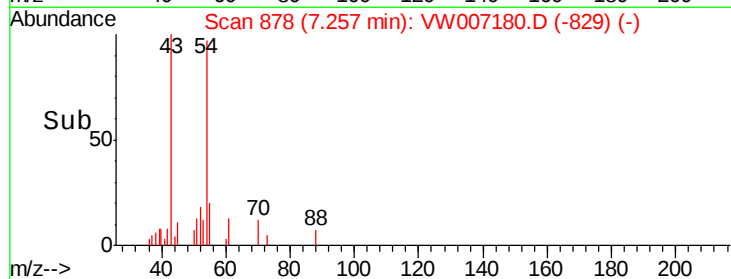
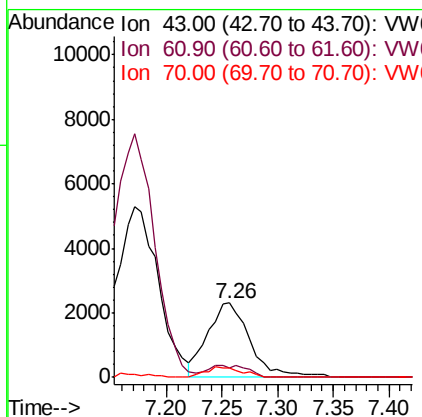
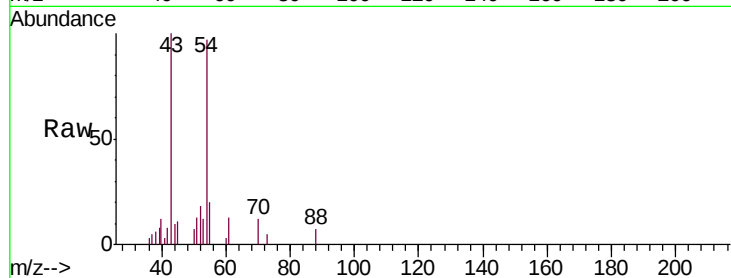




#37
Ethyl Acetate
Concen: 9.162 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

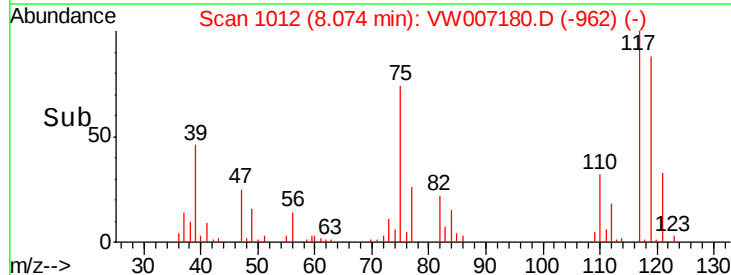
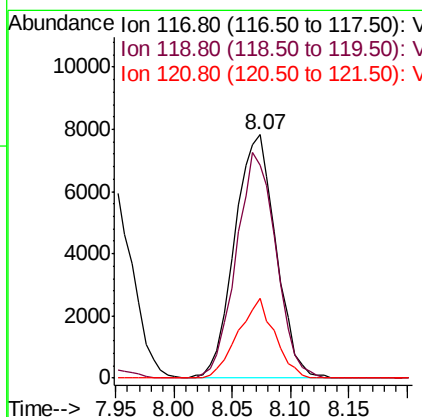
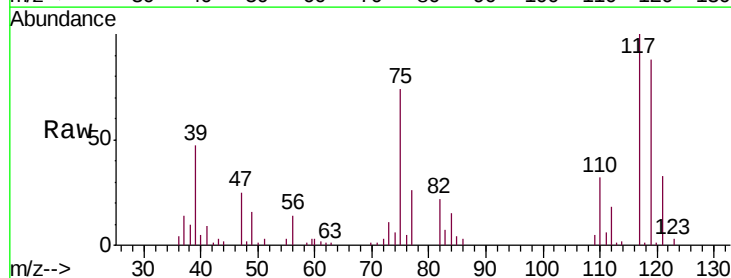
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

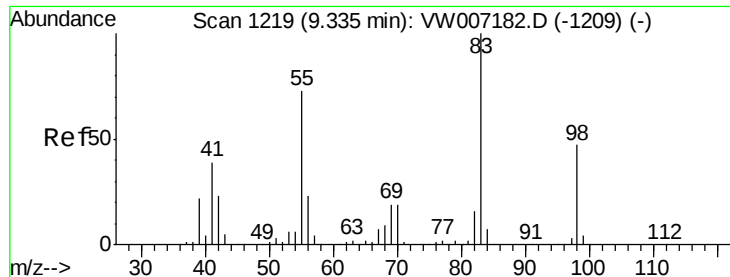
Tgt Ion: 43 Resp: 6130
Ion Ratio Lower Upper
43 100
61 15.3 12.1 18.1
70 11.7 9.1 13.7



#38
Carbon Tetrachloride
Concen: 10.252 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion: 117 Resp: 19355
Ion Ratio Lower Upper
117 100
119 87.7 74.1 111.1
121 32.8 23.9 35.9





#39

Methylcyclohexane

Concen: 10.153 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

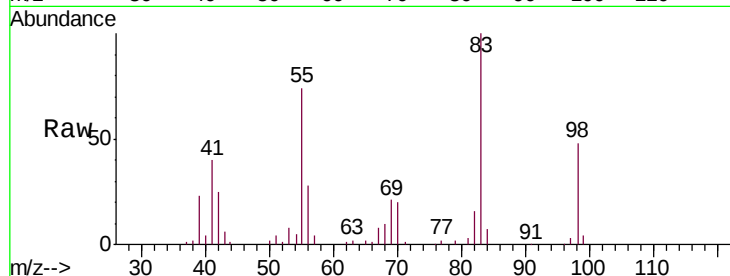
Tgt Ion: 83 Resp: 25141

Ion Ratio Lower Upper

83 100

55 73.8 58.1 87.1

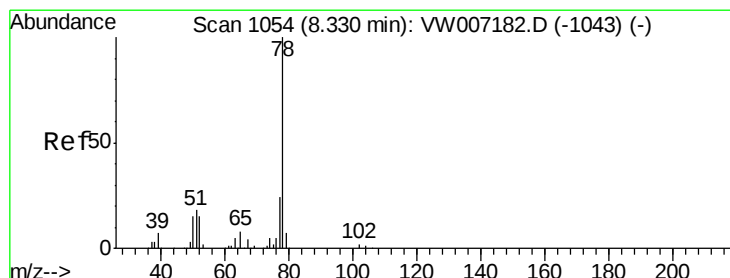
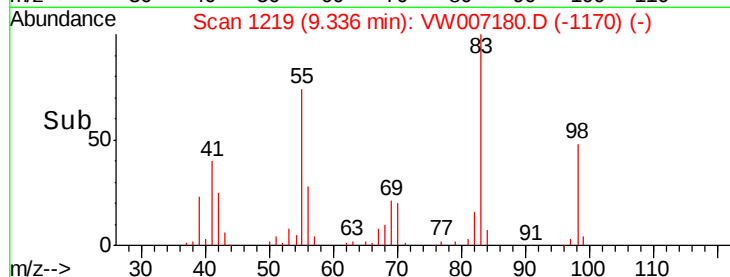
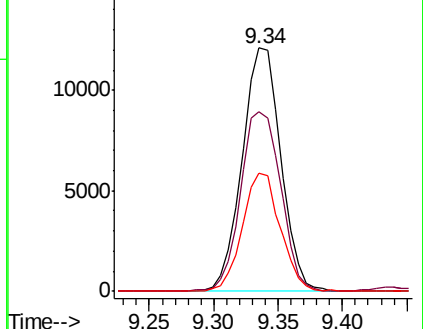
98 48.3 37.3 55.9



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 10.094 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW007180.D

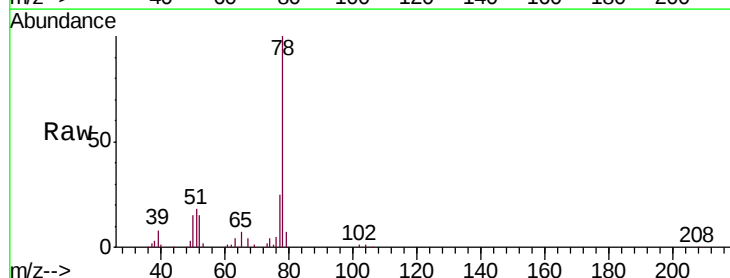
Acq: 04 Dec 2018 11:38

Tgt Ion: 78 Resp: 51198

Ion Ratio Lower Upper

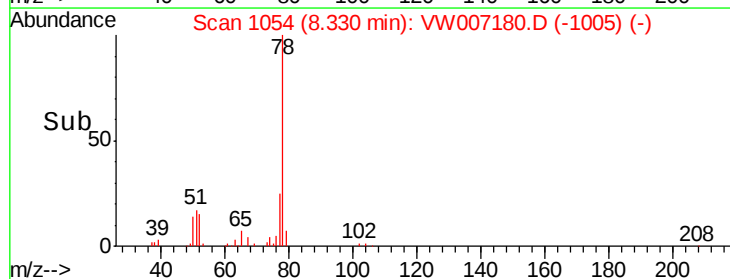
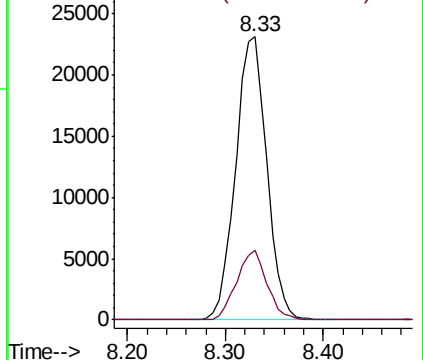
78 100

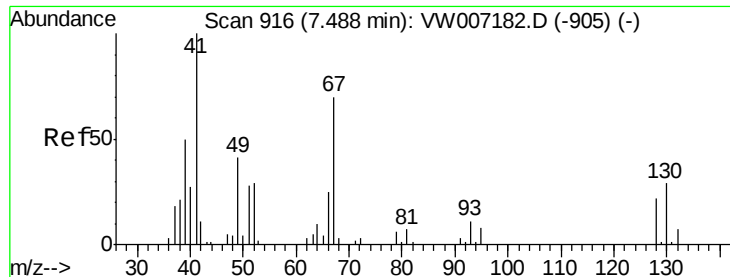
77 24.6 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

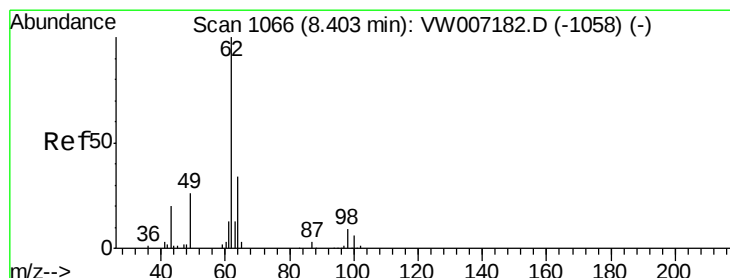
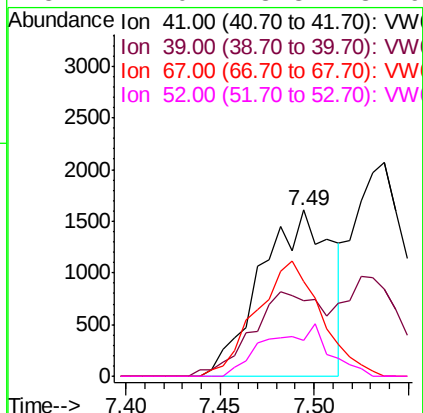
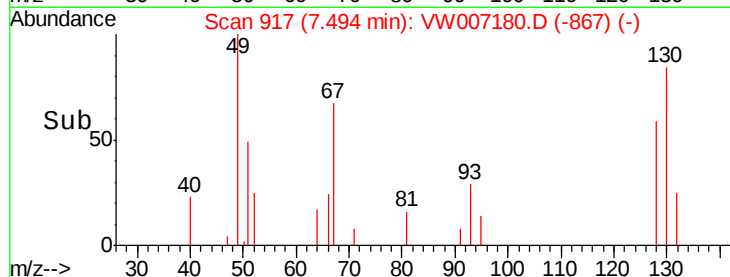
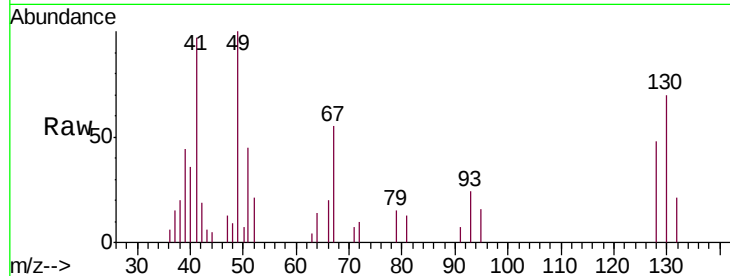




#41
Methacrylonitrile
Concen: 10.505 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

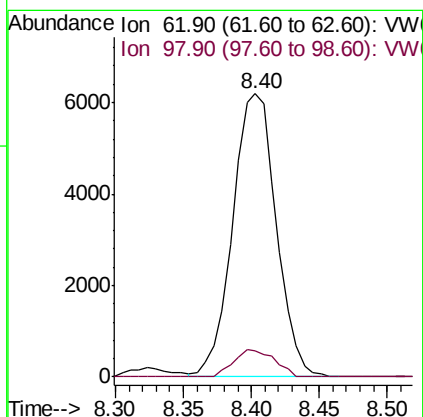
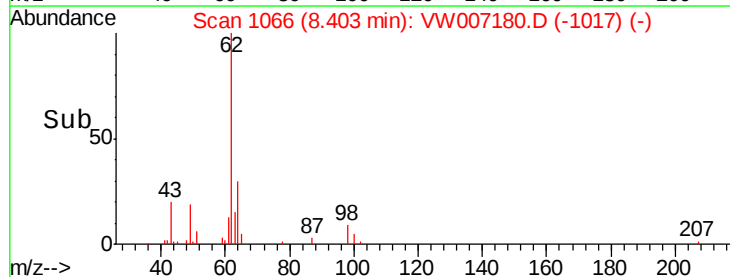
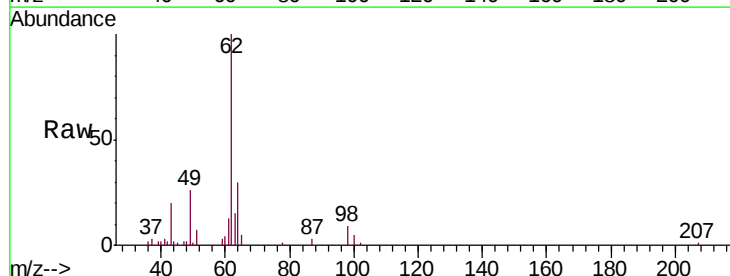
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion:	41	Resp:	4210
Ion	Ratio	Lower	Upper
41	100		
39	49.2	43.4	65.0
67	63.3	57.4	86.0
52	27.0	23.3	34.9



#42
1,2-Dichloroethane
Concen: 9.769 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion:	62	Resp:	13848
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 8.840 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

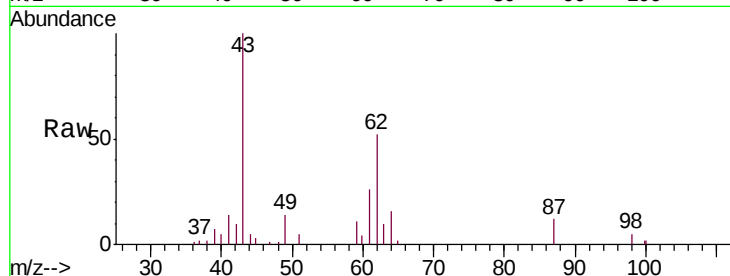
Tgt Ion: 43 Resp: 11488

Ion Ratio Lower Upper

43 100

61 33.6 25.4 38.0

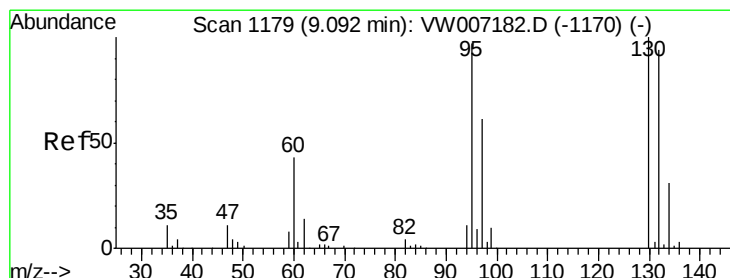
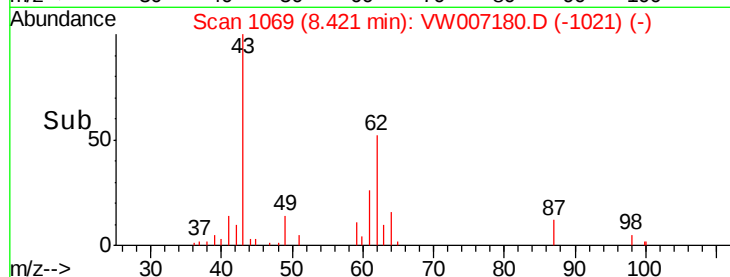
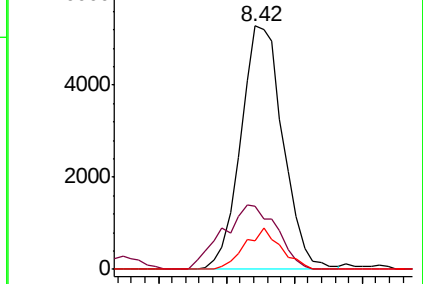
87 14.4 11.4 17.0



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: 10.005 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW007180.D

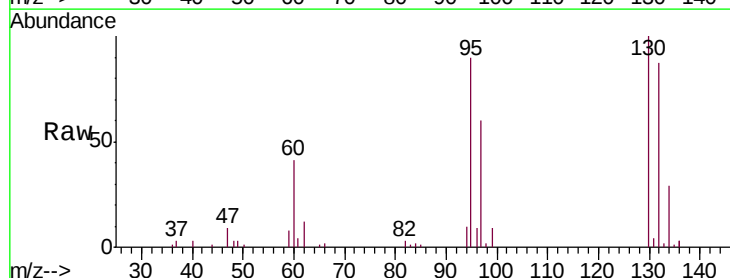
Acq: 04 Dec 2018 11:38

Tgt Ion: 130 Resp: 14264

Ion Ratio Lower Upper

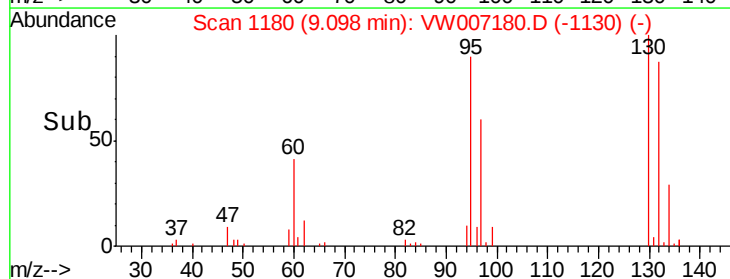
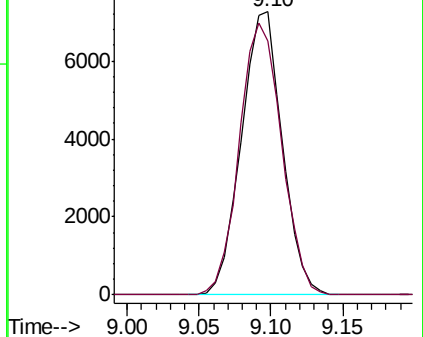
130 100

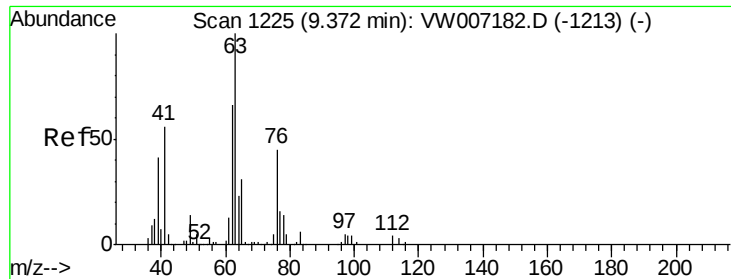
95 89.7 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

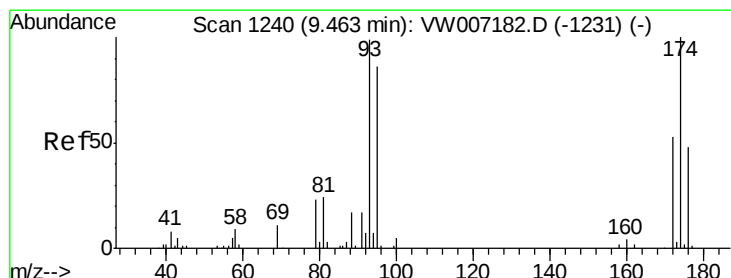
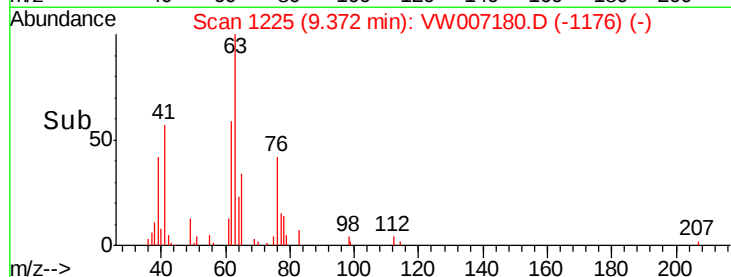
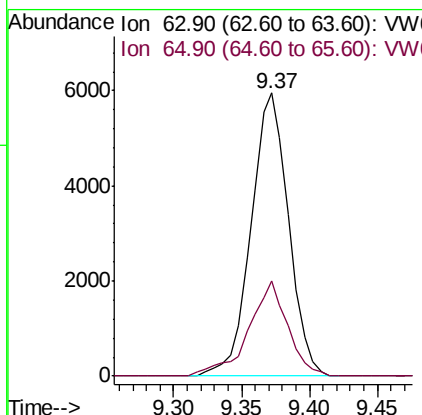
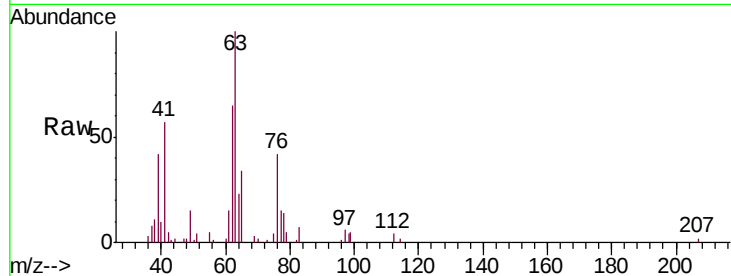




#45
 1,2-Dichloropropane
 Concen: 9.726 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

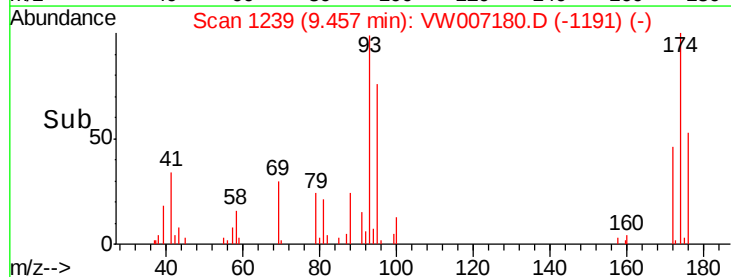
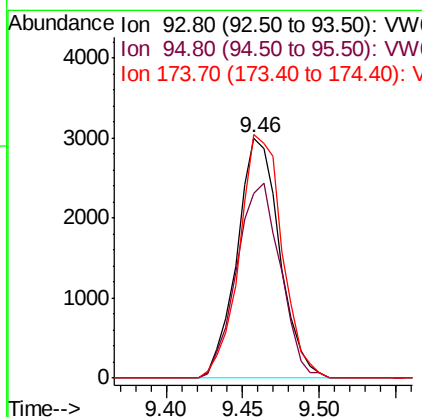
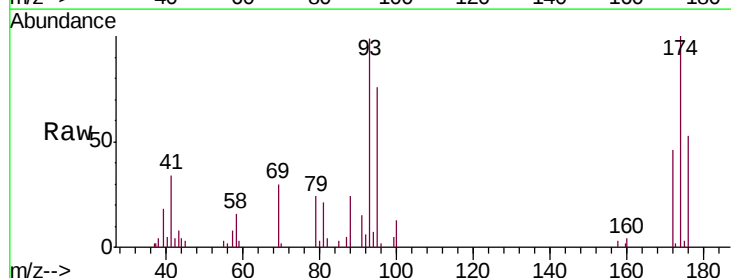
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

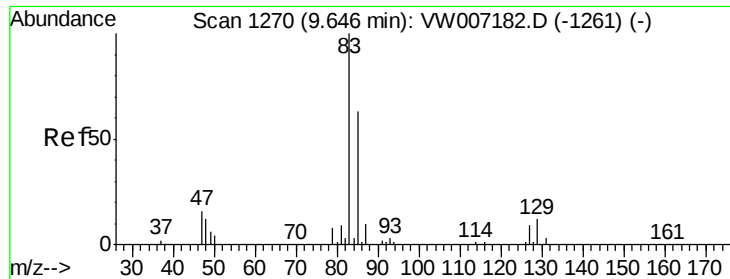
Tgt Ion: 63 Resp: 11480
 Ion Ratio Lower Upper
 63 100
 65 33.6 25.0 37.4



#46
 Dibromomethane
 Concen: 9.442 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion: 93 Resp: 5791
 Ion Ratio Lower Upper
 93 100
 95 83.7 68.7 103.1
 174 101.8 82.9 124.3

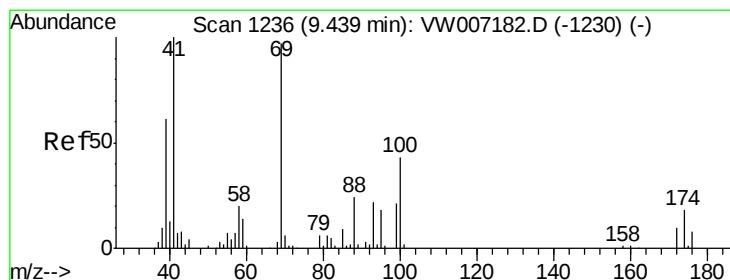
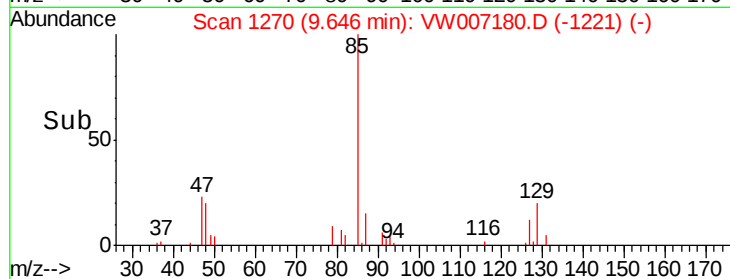
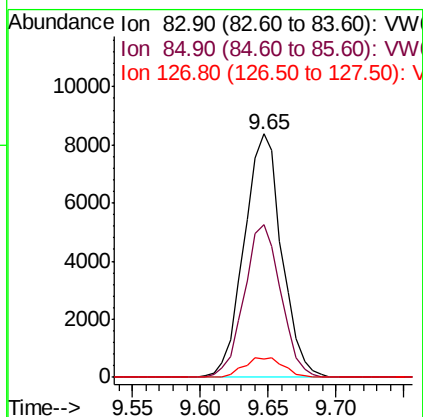
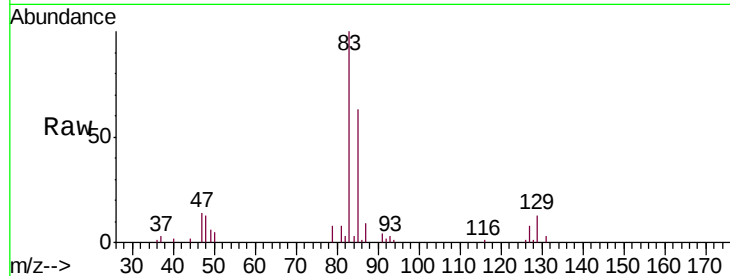




#47
 Bromodichloromethane
 Concen: 10.059 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

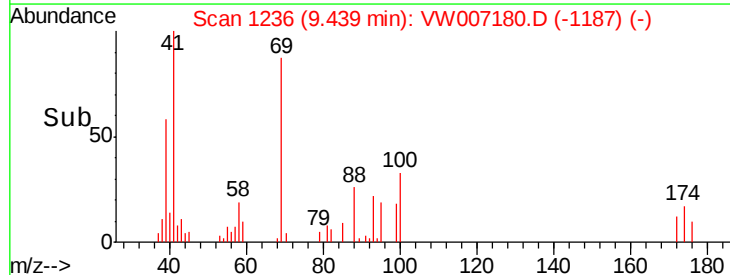
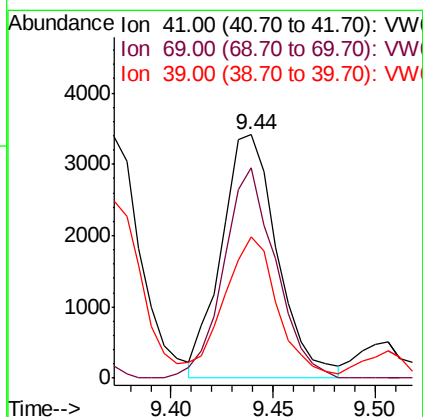
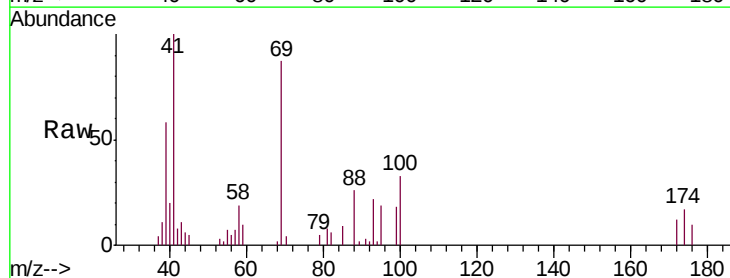
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

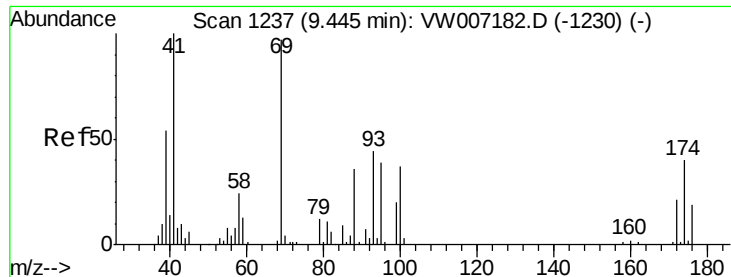
Tgt Ion: 83 Resp: 16228
 Ion Ratio Lower Upper
 83 100
 85 62.6 50.6 76.0
 127 7.8 7.3 10.9



#48
 Methyl methacrylate
 Concen: 9.636 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion: 41 Resp: 6499
 Ion Ratio Lower Upper
 41 100
 69 80.1 69.6 104.4
 39 52.0 42.4 63.6





#49

1,4-Dioxane

Concen: 207.016 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

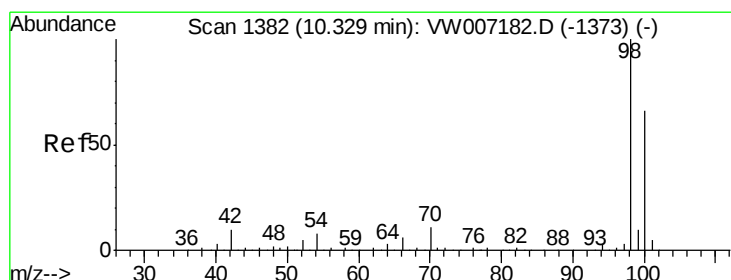
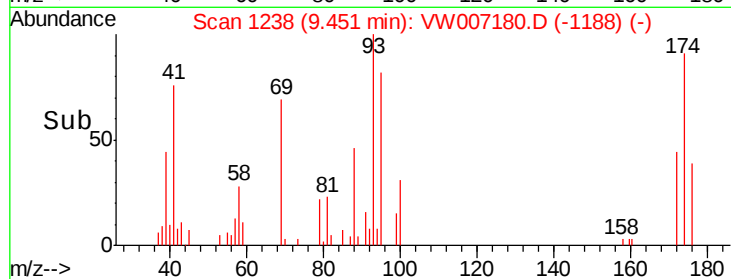
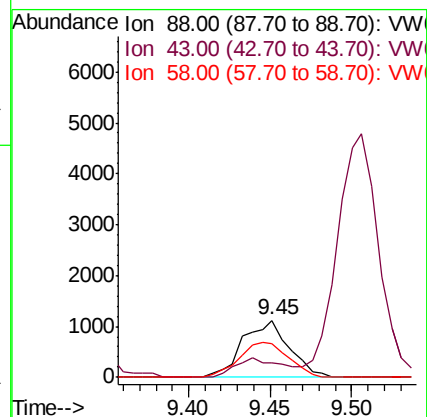
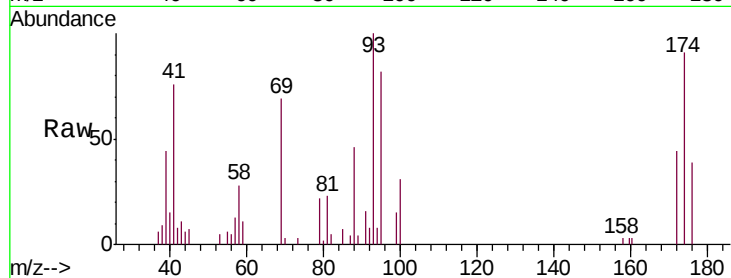
Tgt Ion: 88 Resp: 2218

Ion Ratio Lower Upper

88 100

43 32.4 25.8 38.8

58 65.4 58.9 88.3



#50

Toluene-d8

Concen: 10.083 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW007180.D

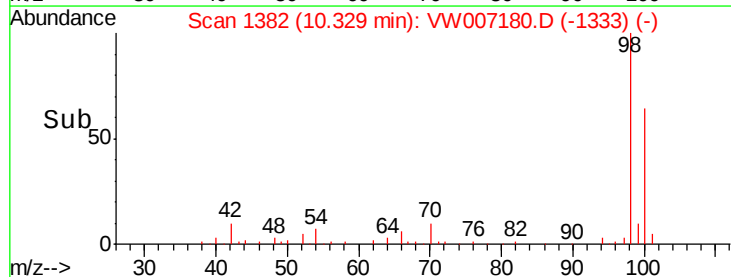
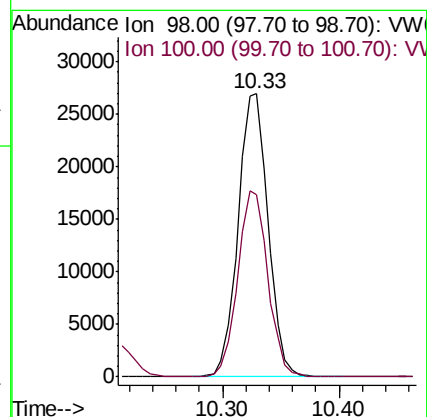
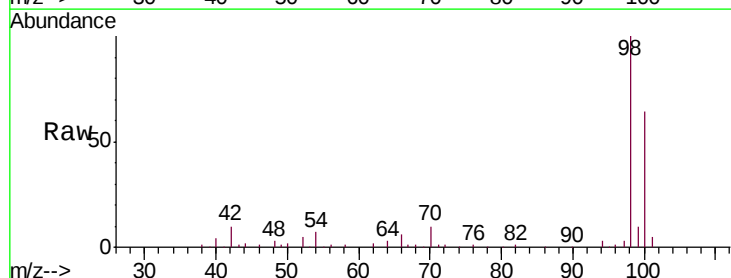
Acq: 04 Dec 2018 11:38

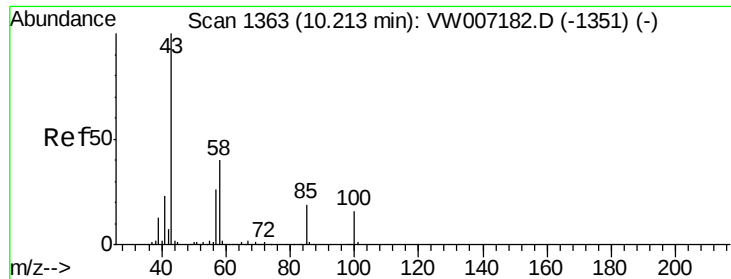
Tgt Ion: 98 Resp: 48345

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1

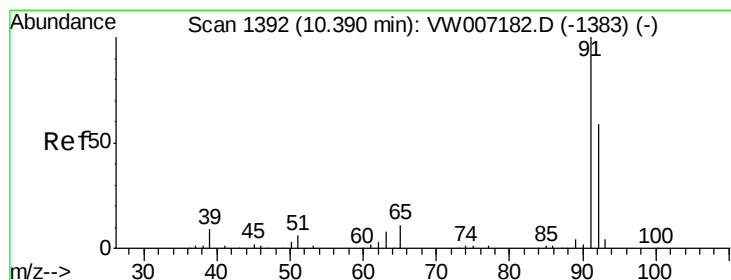
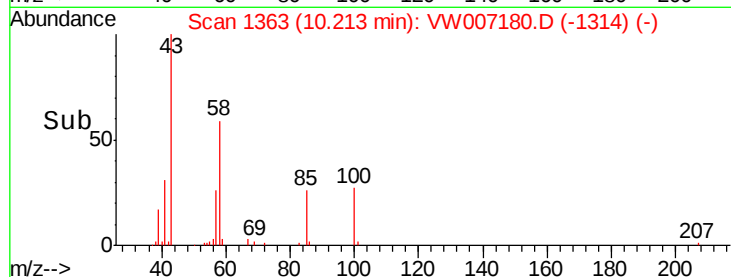
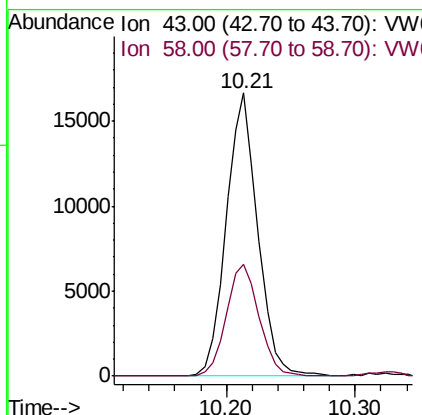
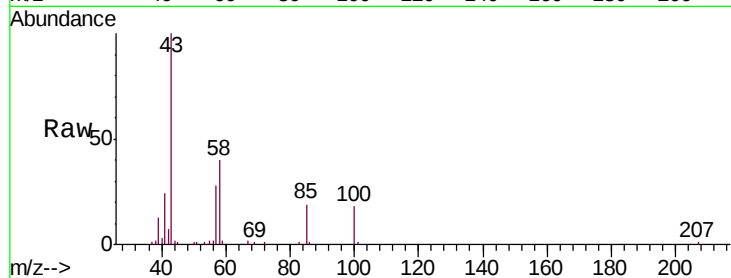




#51
 4-Methyl-2-Pentanone
 Concen: 44.275 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

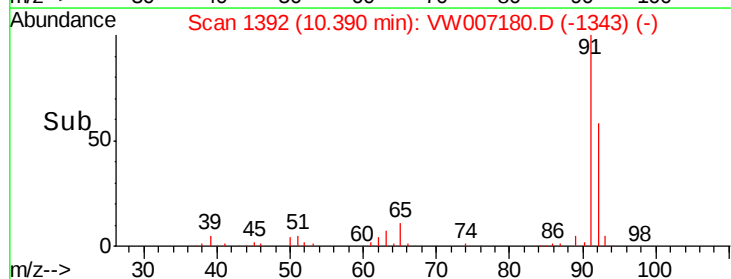
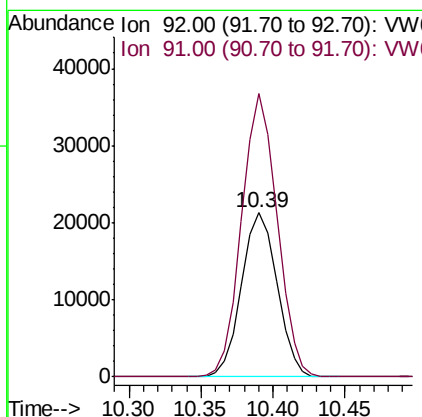
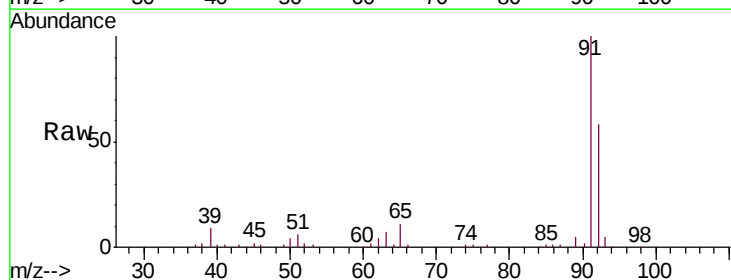
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

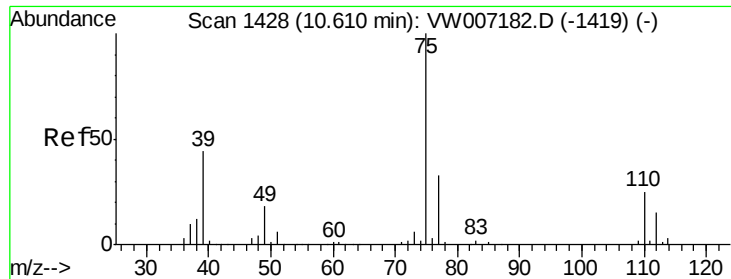
Tgt Ion: 43 Resp: 28353
 Ion Ratio Lower Upper
 43 100
 58 41.0 32.3 48.5



#52
 Toluene
 Concen: 10.386 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion: 92 Resp: 36643
 Ion Ratio Lower Upper
 92 100
 91 171.5 136.0 204.0

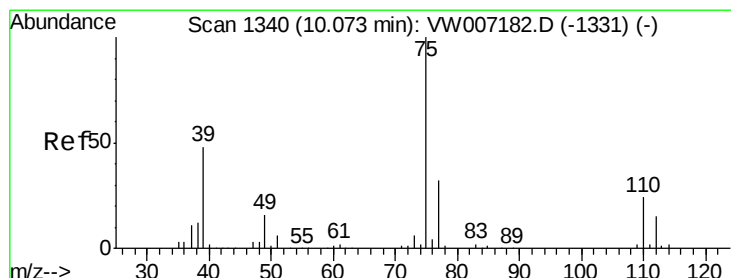
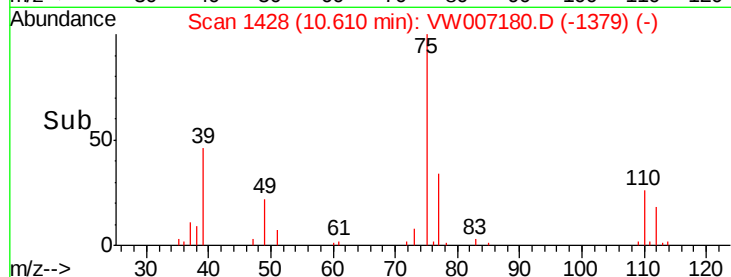
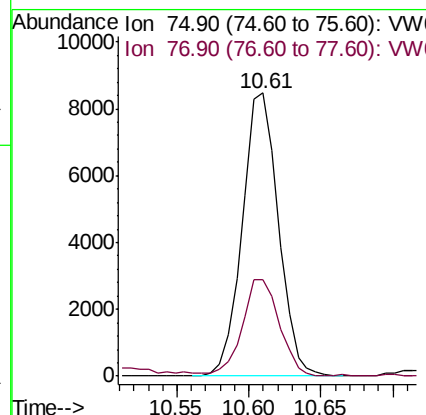
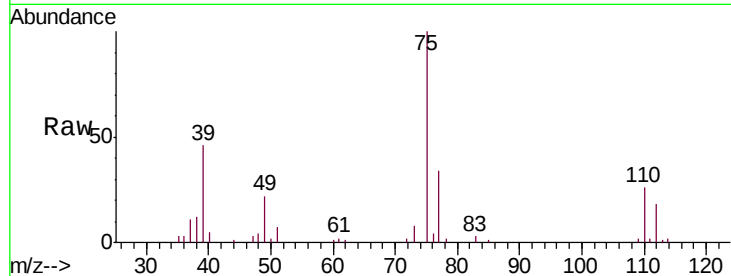




#53
 t-1,3-Dichloropropene
 Concen: 9.062 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

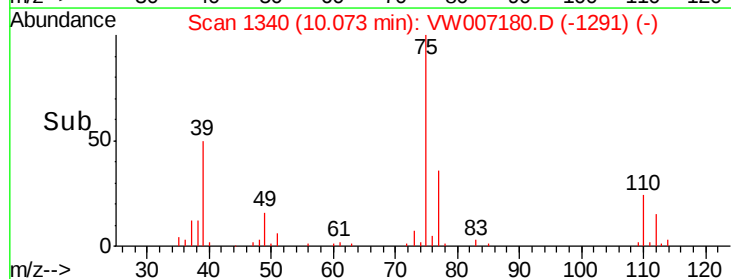
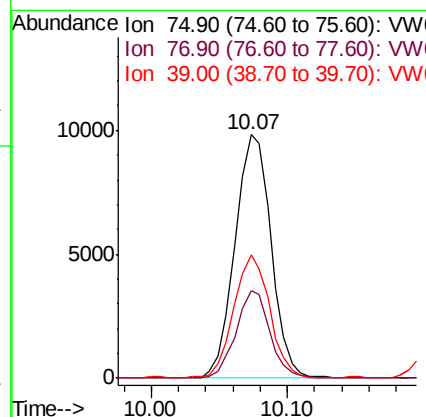
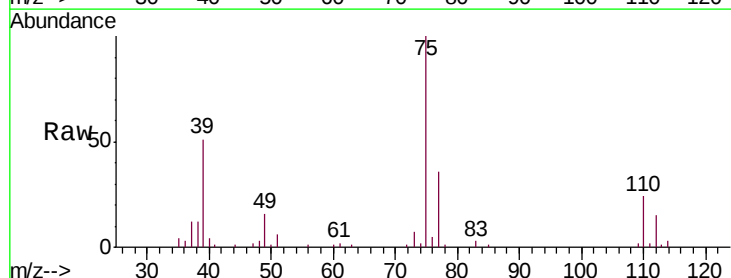
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

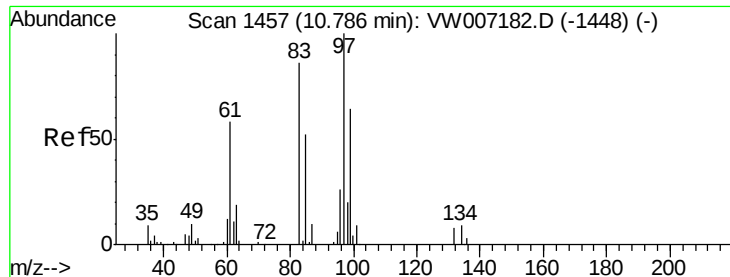
Tgt Ion: 75 Resp: 14698
 Ion Ratio Lower Upper
 75 100
 77 33.7 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 9.551 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion: 75 Resp: 18156
 Ion Ratio Lower Upper
 75 100
 77 36.2 26.0 39.0
 39 50.8 38.0 57.0

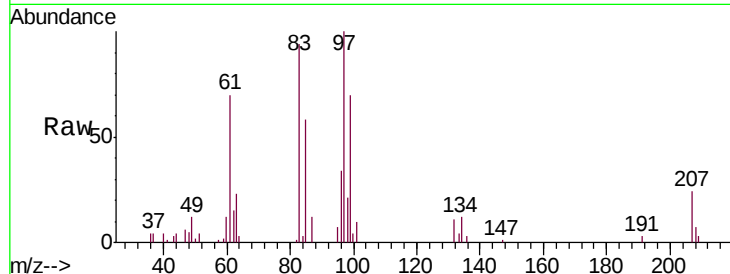




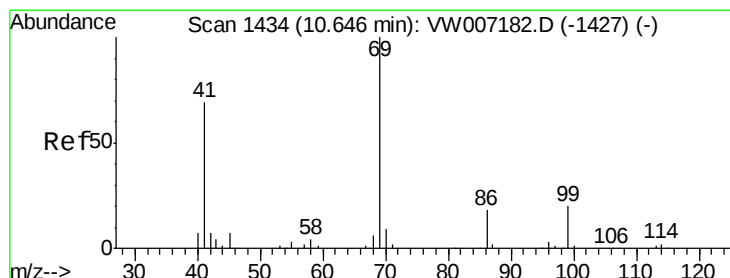
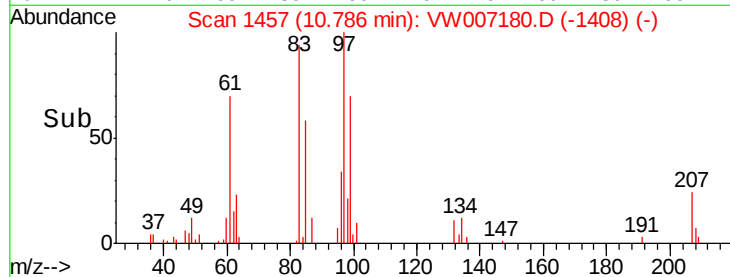
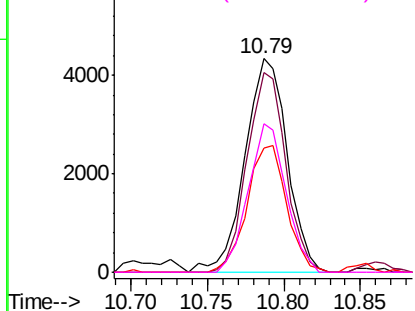
#55
 1,1,2-Trichloroethane
 Concen: 9.563 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:	97	Resp:	8343
Ion	Ratio	Lower	Upper
97	100		
83	93.6	68.6	102.8
85	57.9	41.4	62.2
99	69.8	51.2	76.8

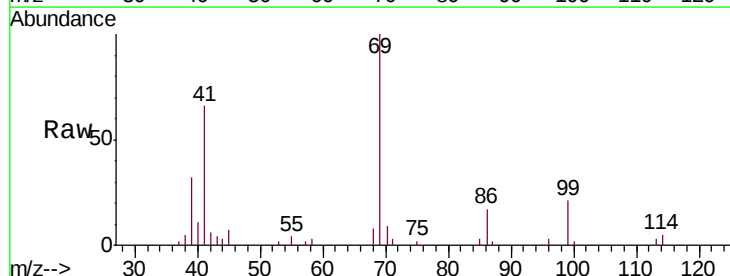


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

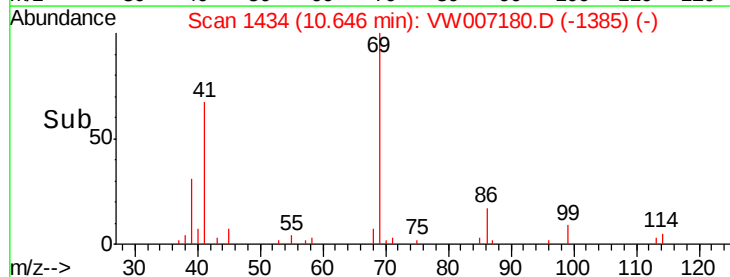
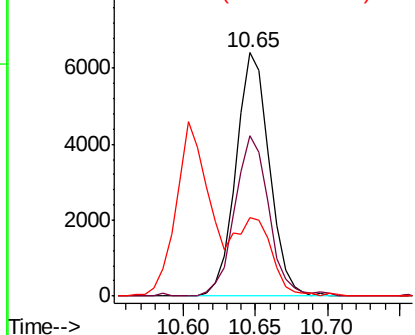


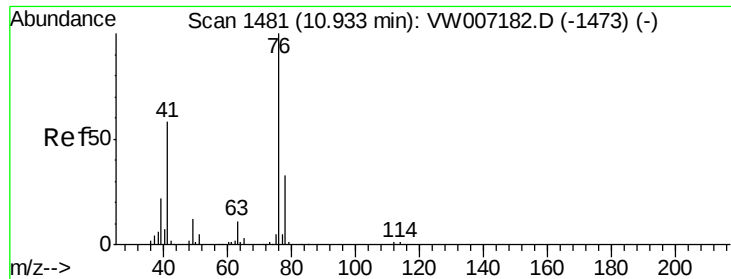
#56
 Ethyl methacrylate
 Concen: 9.067 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion:	69	Resp:	10318
Ion	Ratio	Lower	Upper
69	100		
41	67.9	51.8	77.6
39	24.2	28.7	43.1#



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

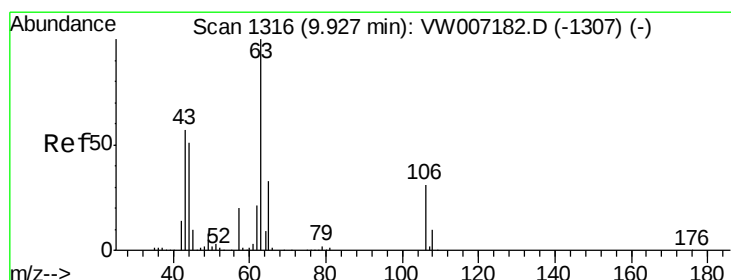
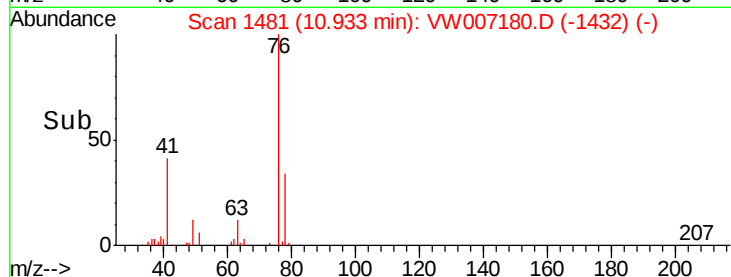
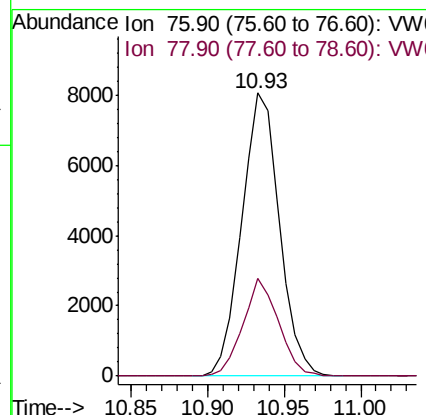
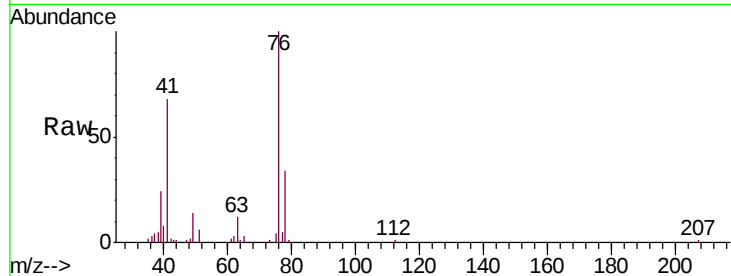




#57
 1,3-Dichloropropane
 Concen: 9.363 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

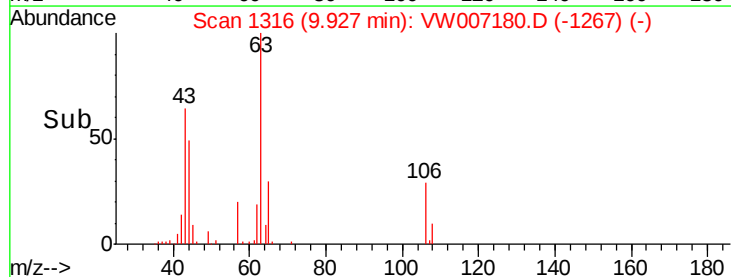
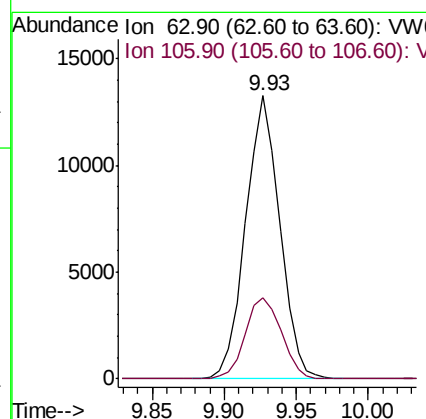
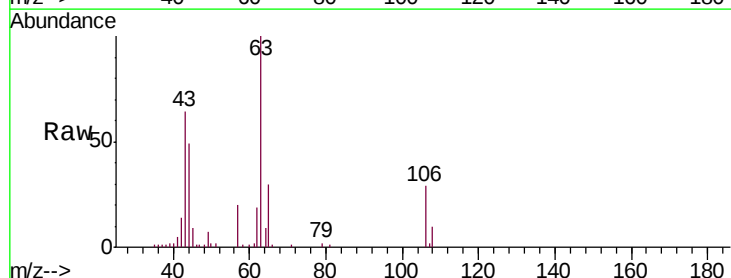
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

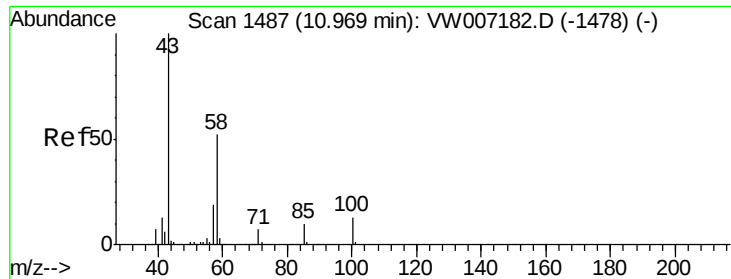
Tgt Ion: 76 Resp: 13790
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 47.502 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion: 63 Resp: 21713
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.1 36.1

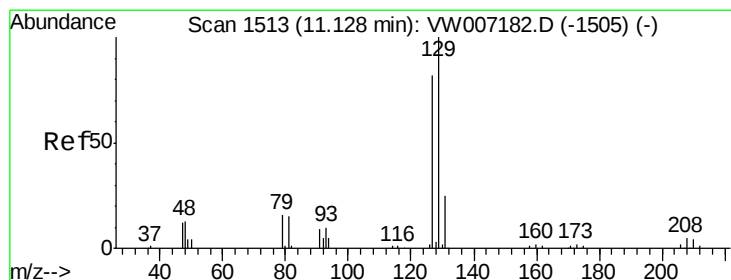
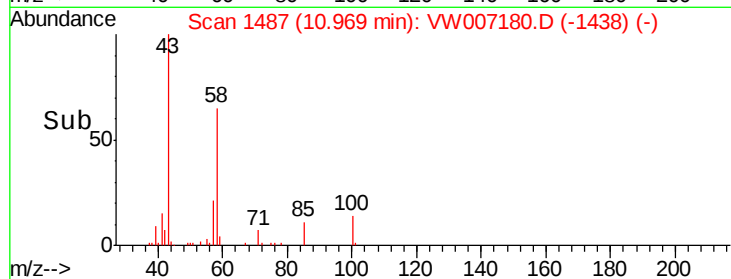
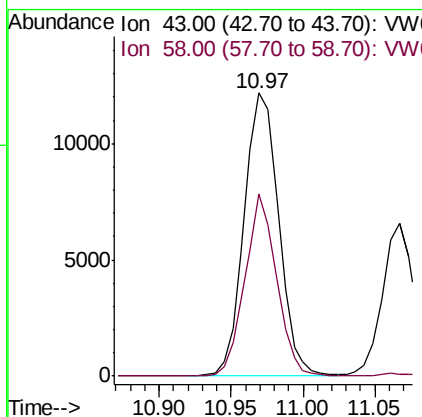
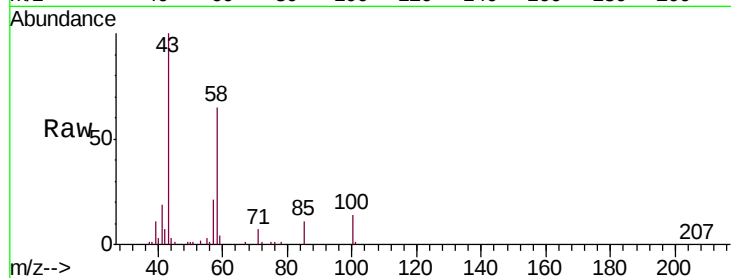




#59
2-Hexanone
Concen: 43.733 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

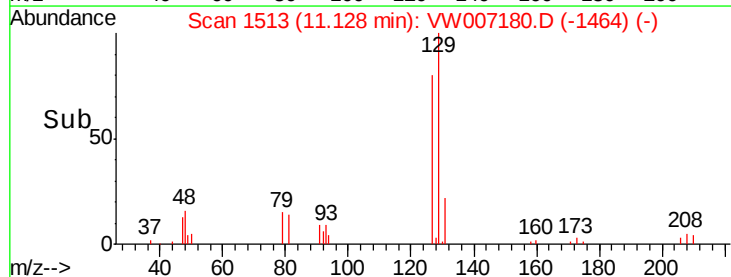
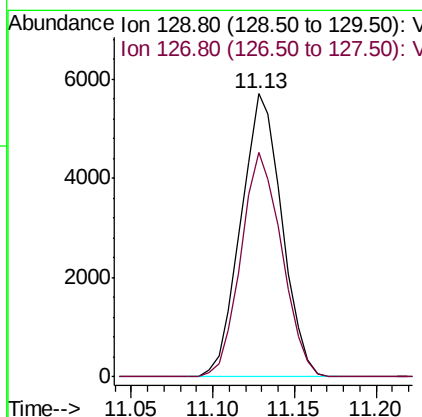
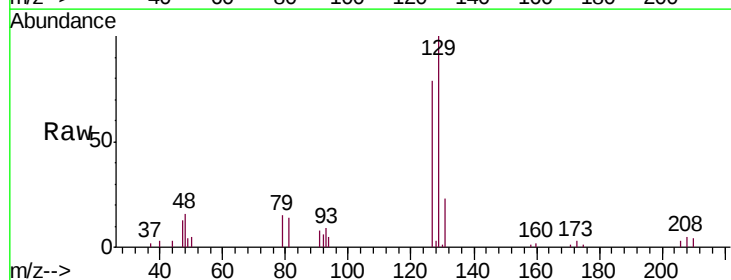
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

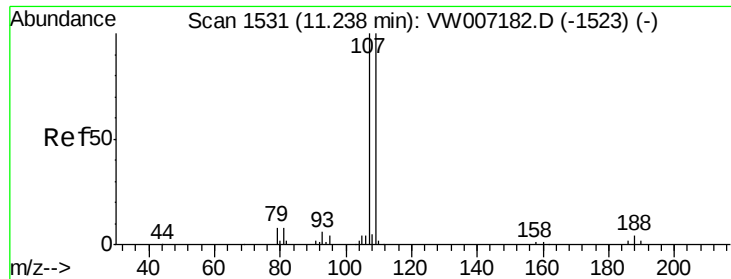
Tgt Ion: 43 Resp: 20302
Ion Ratio Lower Upper
43 100
58 58.5 28.1 84.4



#60
Dibromochloromethane
Concen: 9.334 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion: 129 Resp: 10008
Ion Ratio Lower Upper
129 100
127 79.0 39.8 119.4





#61

1,2-Dibromoethane

Concen: 9.395 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

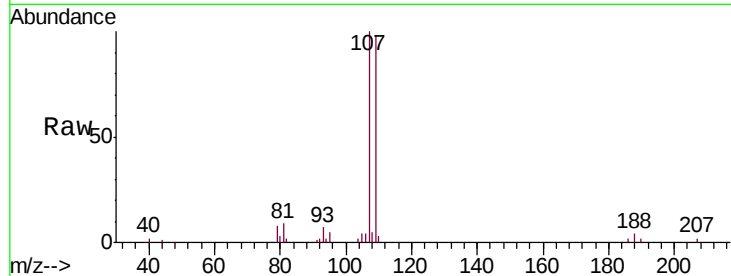
VSTDIC010

Tgt Ion: 107 Resp: 7861

Ion Ratio Lower Upper

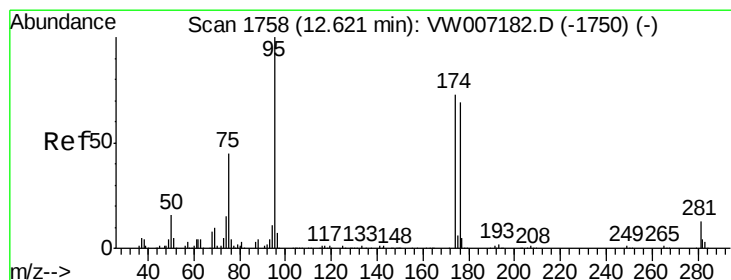
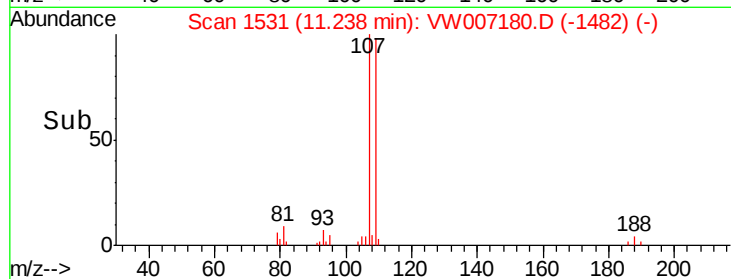
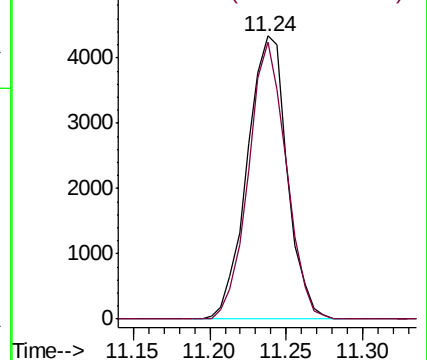
107 100

109 92.4 77.3 115.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 10.034 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

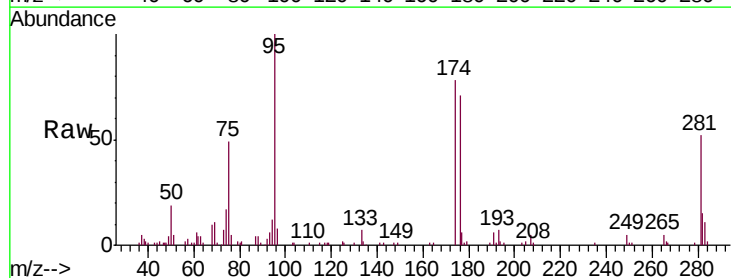
Tgt Ion: 95 Resp: 18160

Ion Ratio Lower Upper

95 100

174 74.5 0.0 148.0

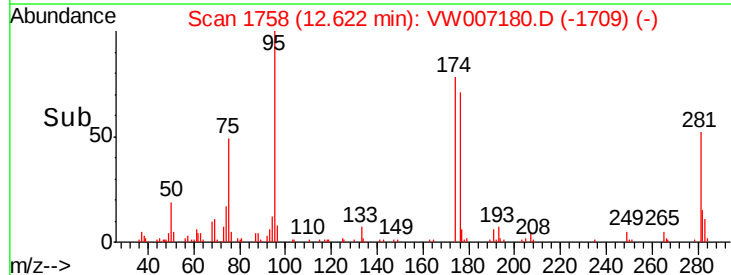
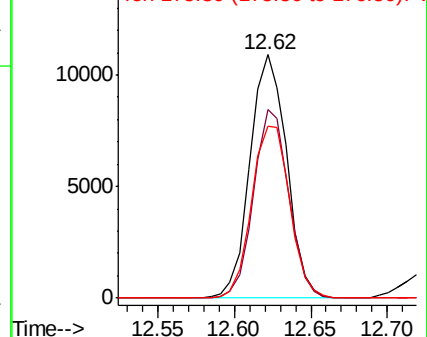
176 73.5 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

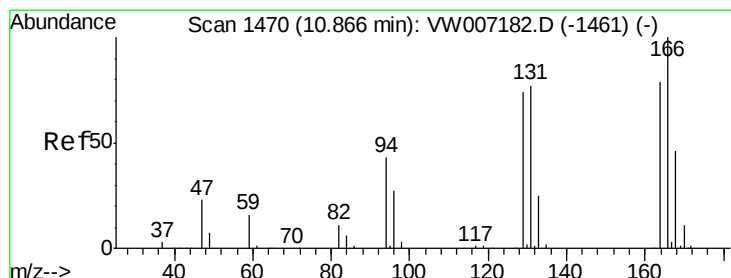
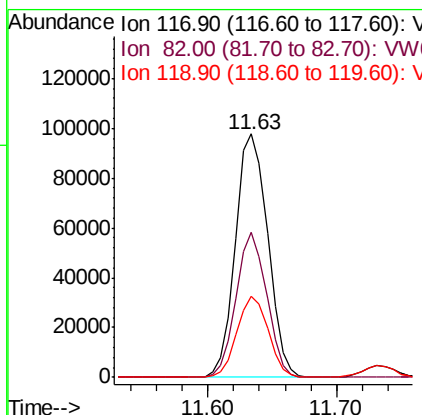
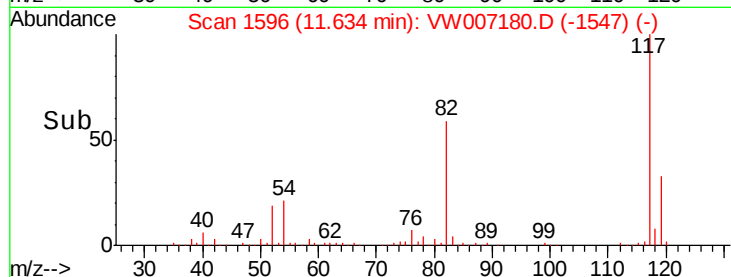
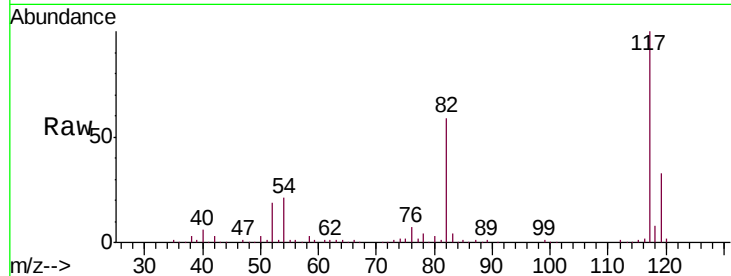




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

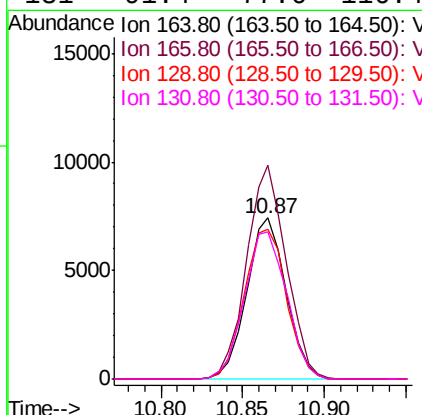
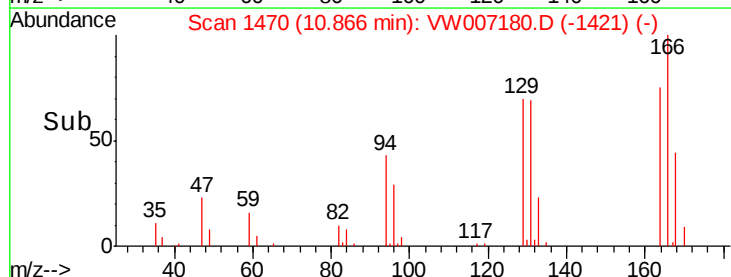
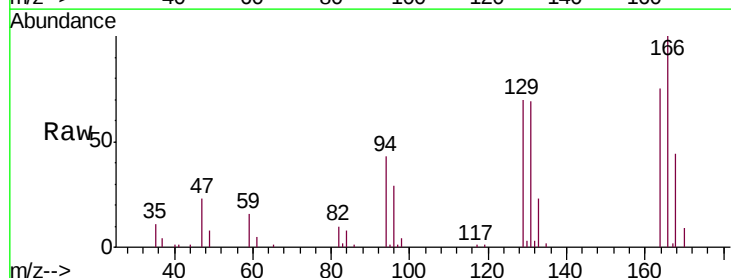
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

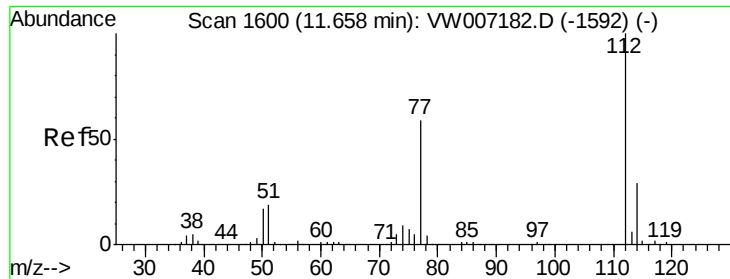
Tgt Ion:117 Resp: 170261
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 33.3 26.8 40.2



#64
Tetrachloroethene
Concen: 9.984 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion:164 Resp: 12420
Ion Ratio Lower Upper
164 100
166 132.5 101.0 151.4
129 92.8 74.6 111.8
131 91.4 77.6 116.4





#65

Chlorobenzene

Concen: 10.432 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampled :

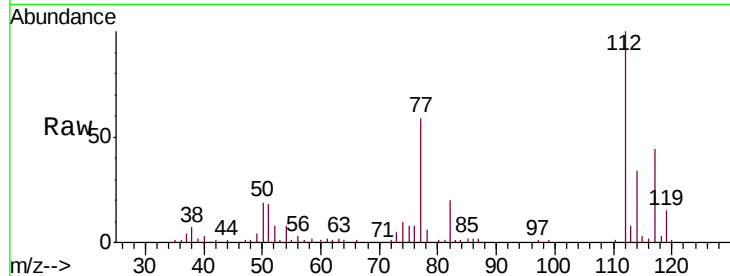
VSTDIC010

Tgt Ion:112 Resp: 39670

Ion Ratio Lower Upper

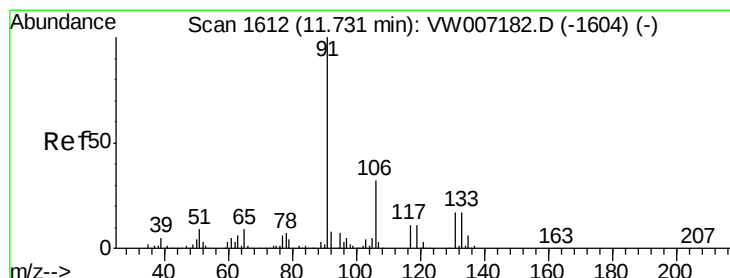
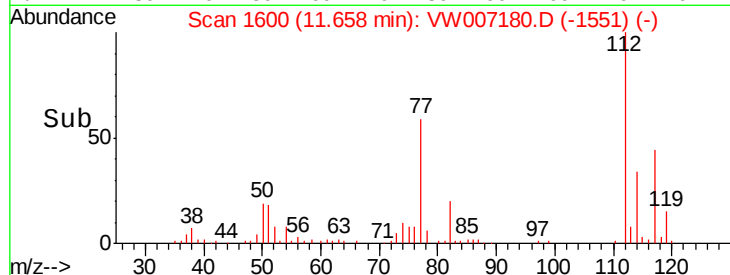
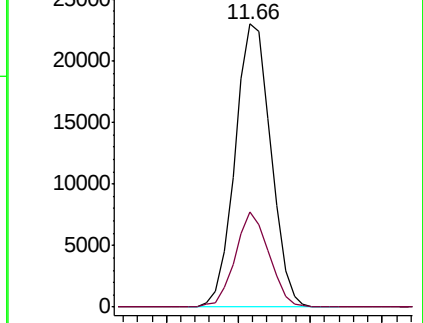
112 100

114 33.7 23.0 34.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 9.776 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

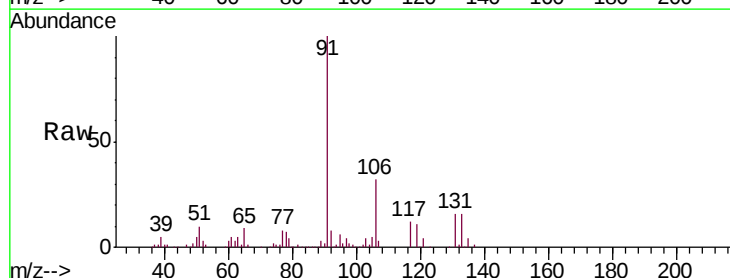
Tgt Ion:131 Resp: 11481

Ion Ratio Lower Upper

131 100

133 98.2 48.0 144.2

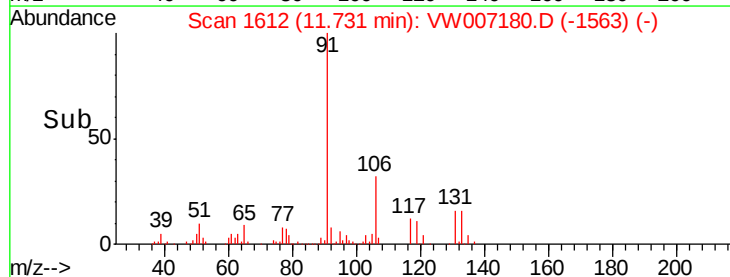
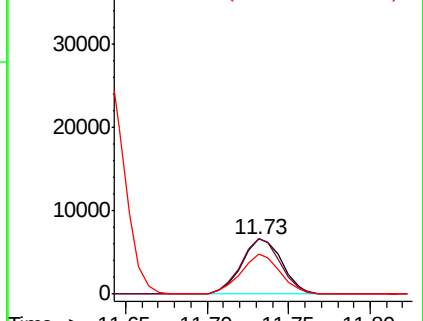
119 69.6 32.8 98.4

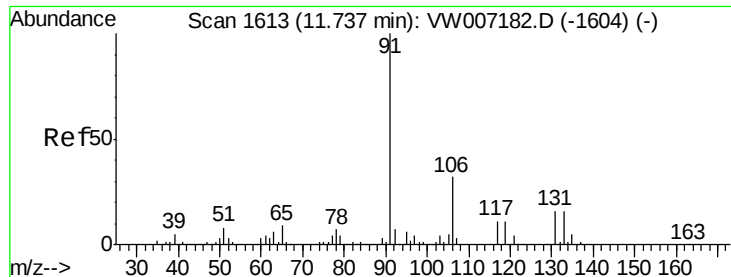


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

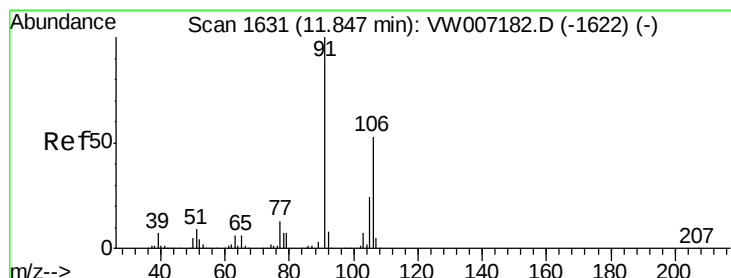
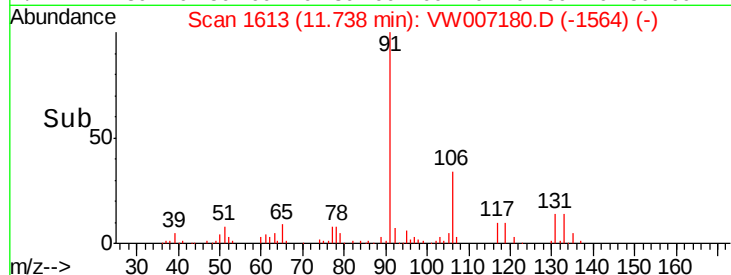
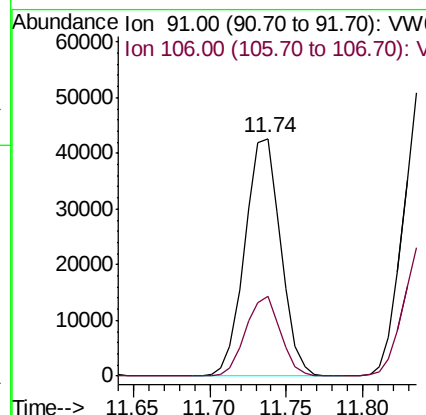
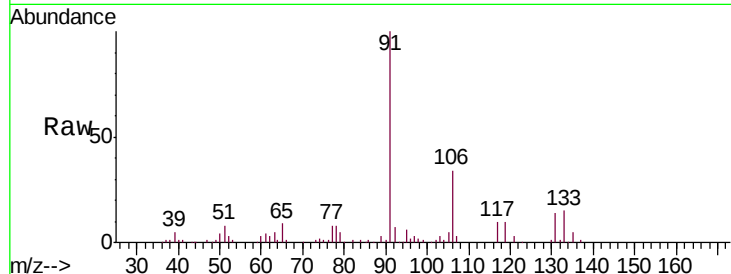




#67
Ethyl Benzene
Concen: 10.057 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

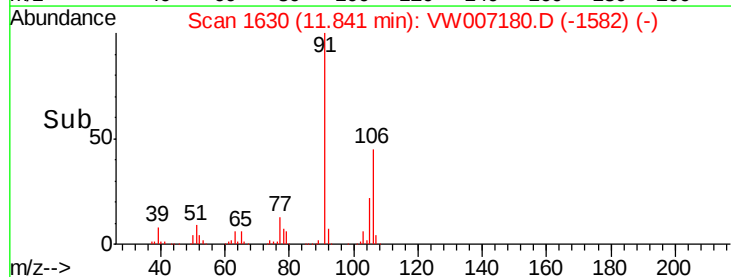
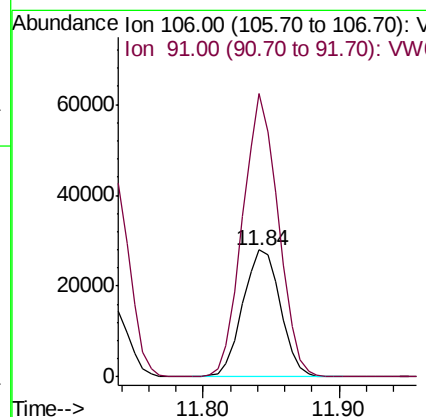
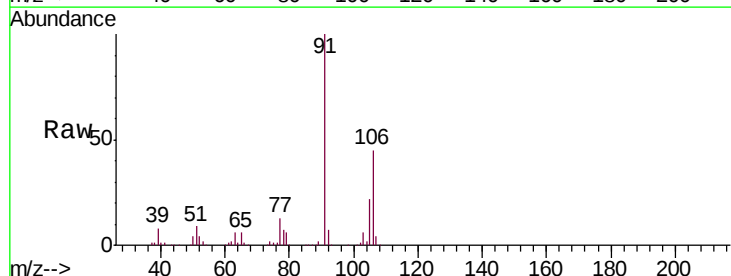
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 69699
Ion Ratio Lower Upper
91 100
106 33.7 26.0 39.0



#68
m/p-Xylenes
Concen: 19.961 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion: 106 Resp: 54272
Ion Ratio Lower Upper
106 100
91 210.5 160.2 240.4

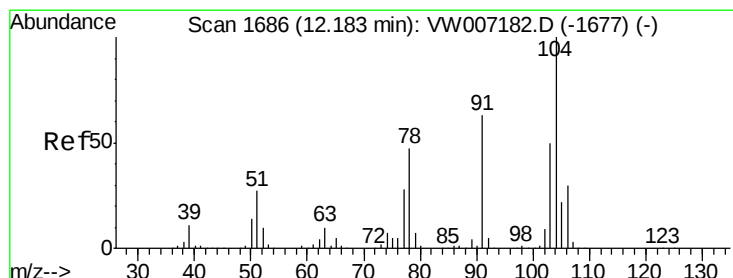
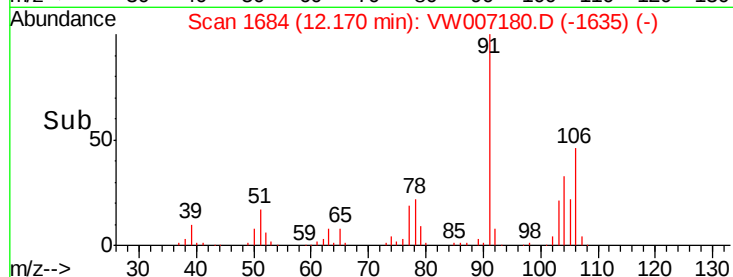
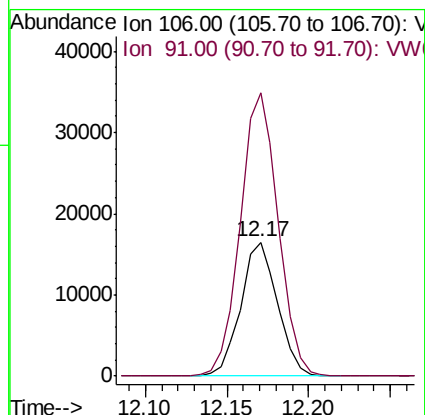
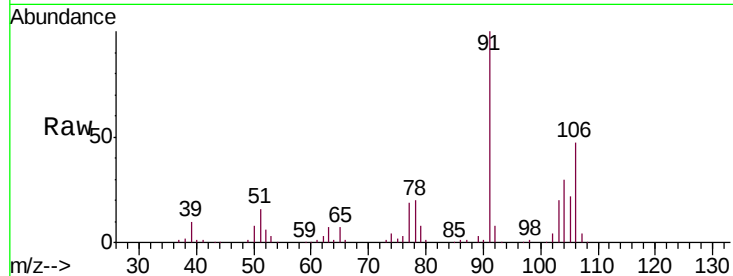




#69
o-Xylene
Concen: 10.194 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

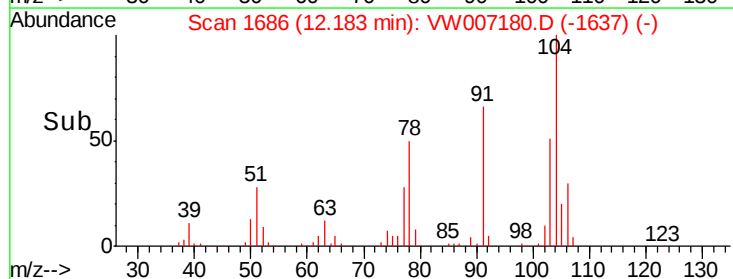
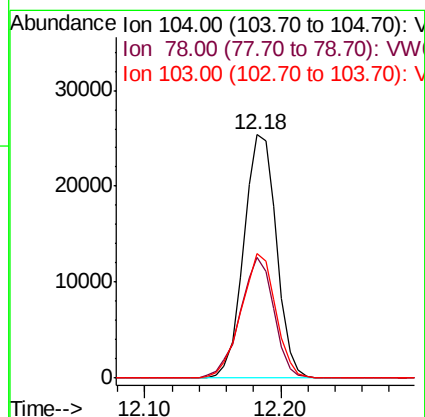
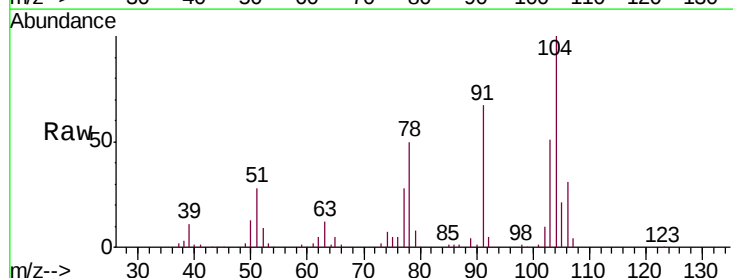
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

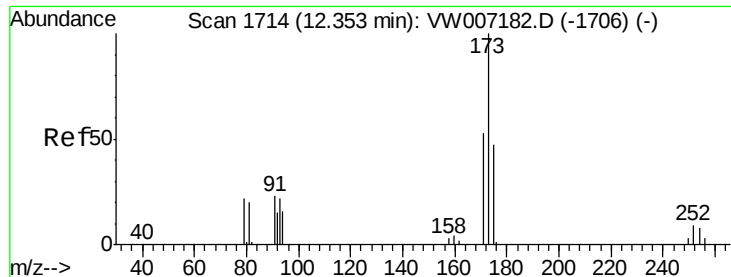
Tgt Ion:106 Resp: 25894
Ion Ratio Lower Upper
106 100
91 216.8 104.9 314.7



#70
Styrene
Concen: 10.234 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion:104 Resp: 42555
Ion Ratio Lower Upper
104 100
78 51.3 40.6 60.8
103 54.2 43.0 64.4

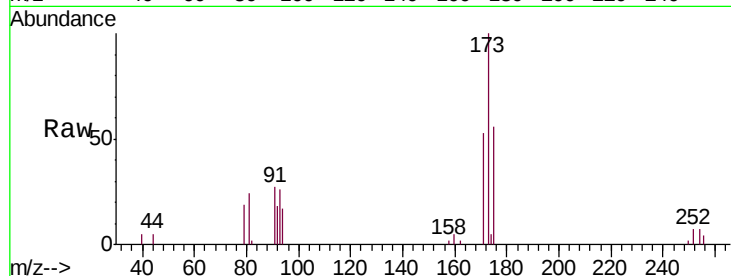




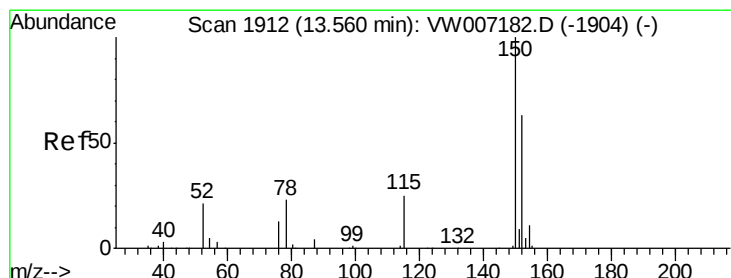
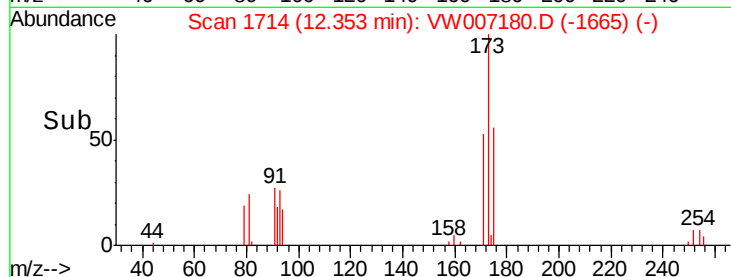
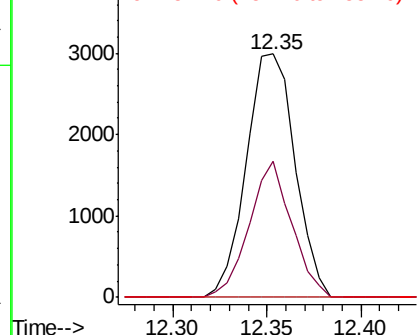
#71
Bromoform
Concen: 9.099 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 5349
Ion Ratio Lower Upper
173 100
175 48.7 24.0 72.0
254 0.0 0.0 0.0

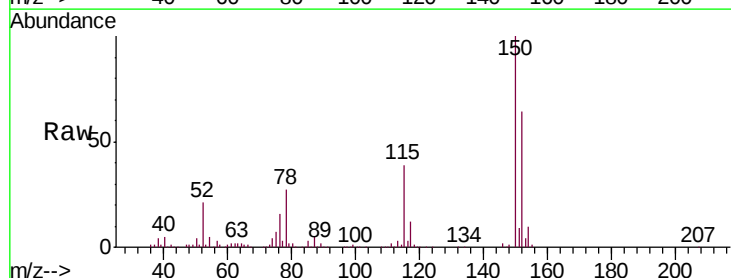


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

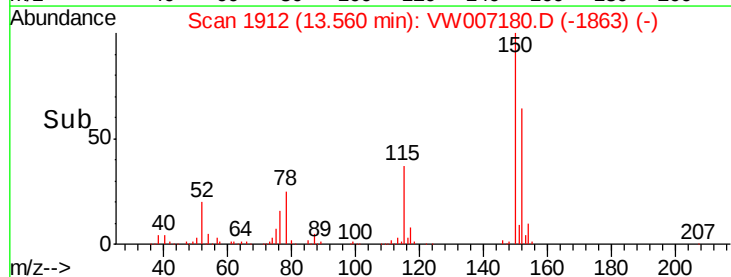
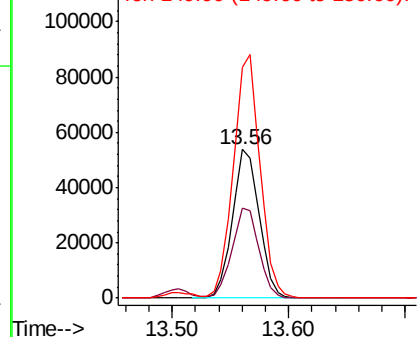


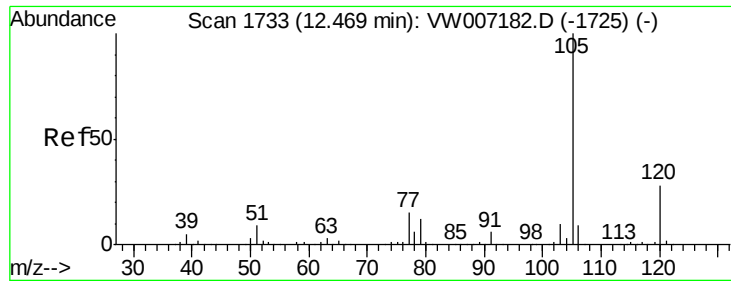
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007180.D
Acq: 04 Dec 2018 11:38

Tgt Ion:152 Resp: 85565
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 164.2 0.0 358.0



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: 10.266 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

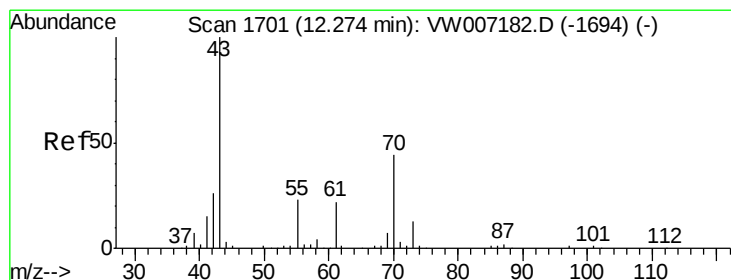
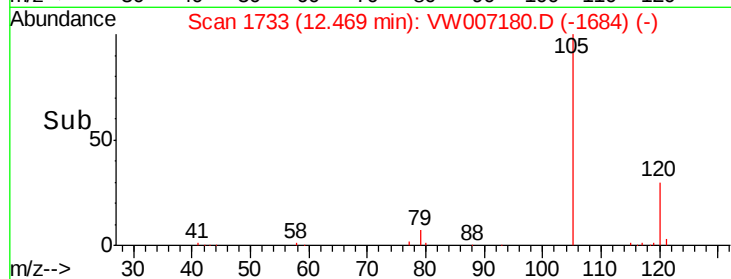
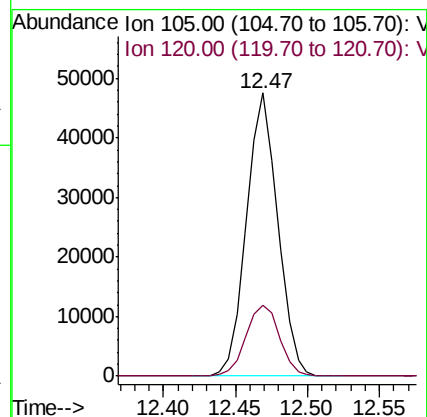
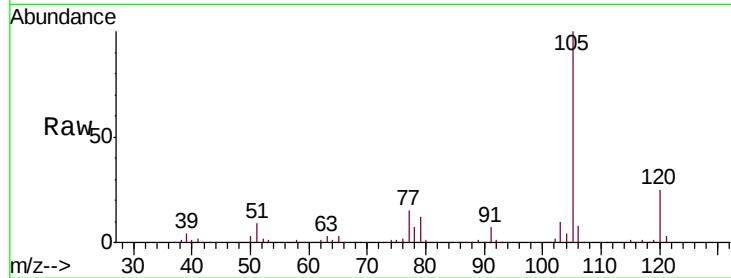
VSTDIC010

Tgt Ion: 105 Resp: 71443

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-ethyl acetate

Concen: 9.424 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Tgt Ion: 43 Resp: 11628

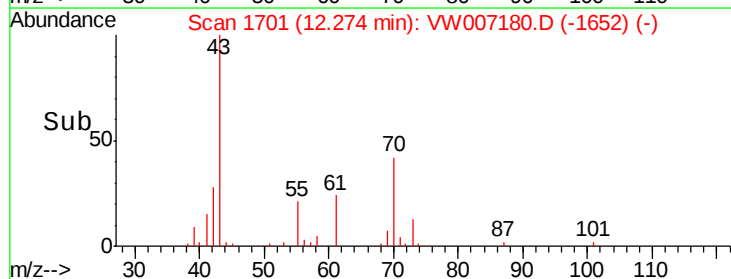
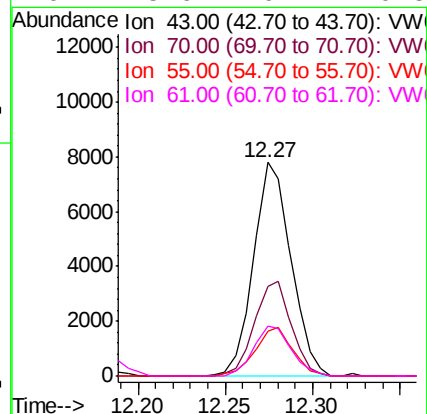
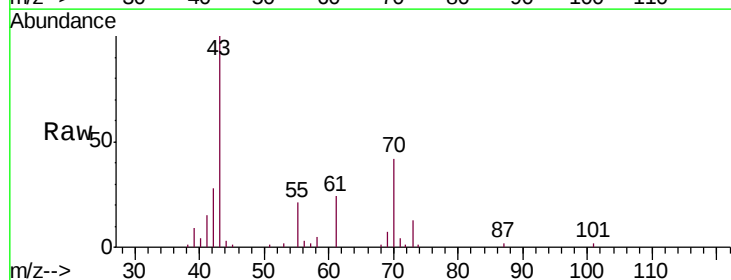
Ion Ratio Lower Upper

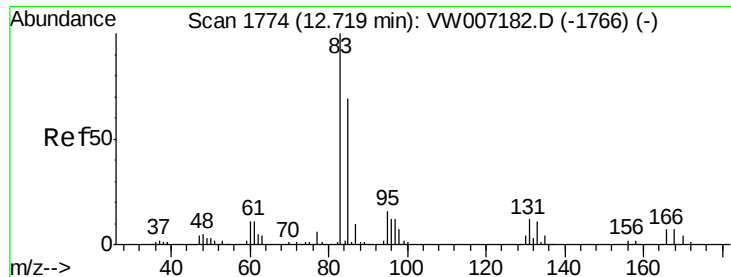
43 100

70 43.5 34.0 51.0

55 22.7 19.0 28.6

61 23.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 9.988 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

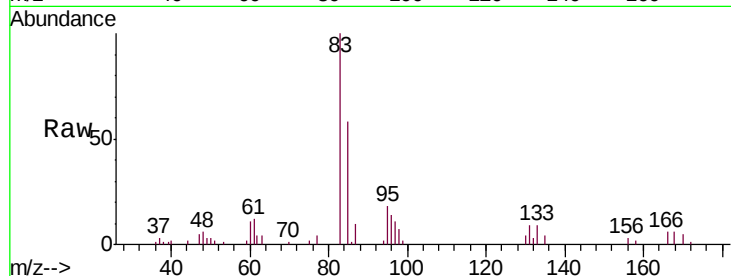
Tgt Ion: 83 Resp: 9027

Ion Ratio Lower Upper

83 100

131 11.4 6.0 18.1

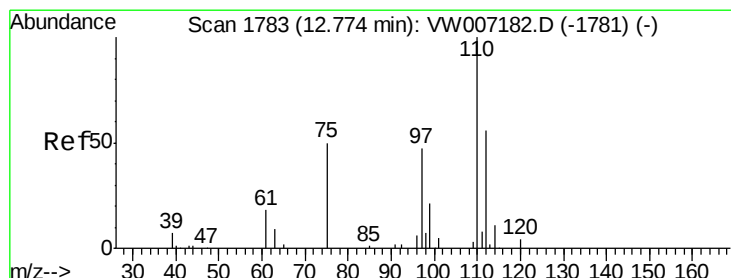
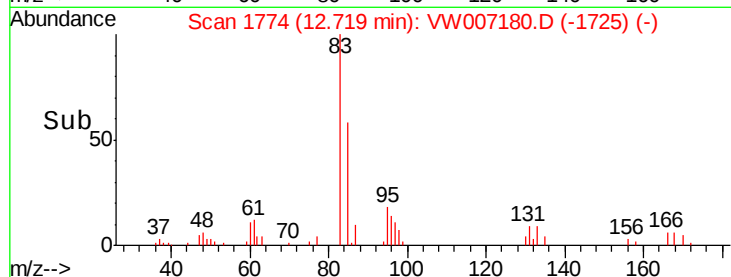
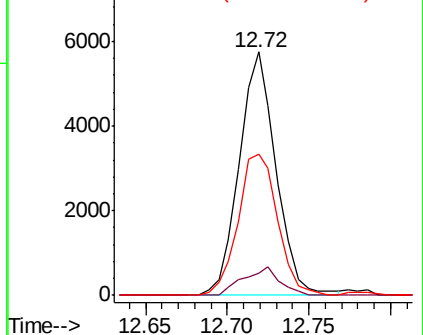
85 62.3 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 10.528 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW007180.D

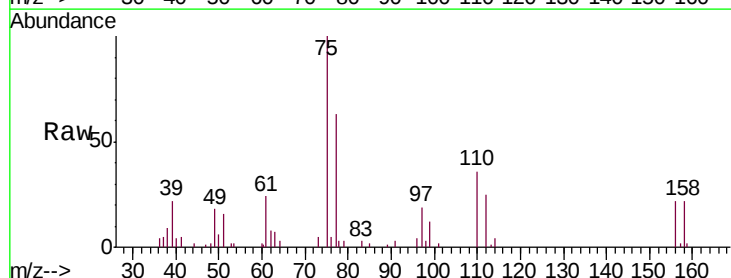
Acq: 04 Dec 2018 11:38

Tgt Ion: 75 Resp: 12108

Ion Ratio Lower Upper

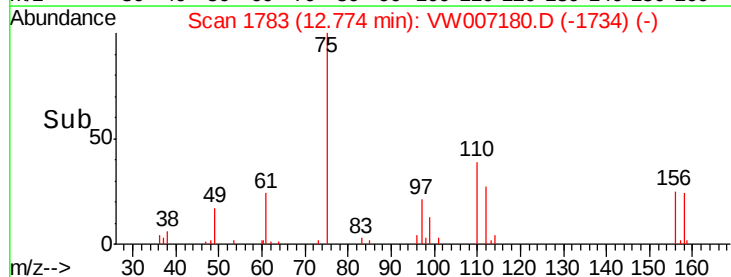
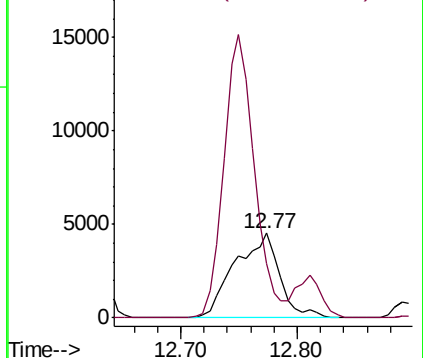
75 100

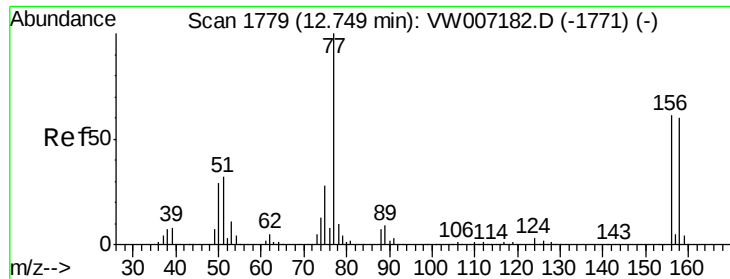
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 10.435 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

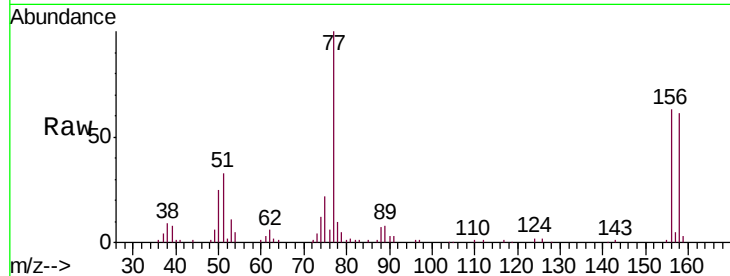
Tgt Ion: 156 Resp: 15675

Ion Ratio Lower Upper

156 100

77 175.2 92.0 276.1

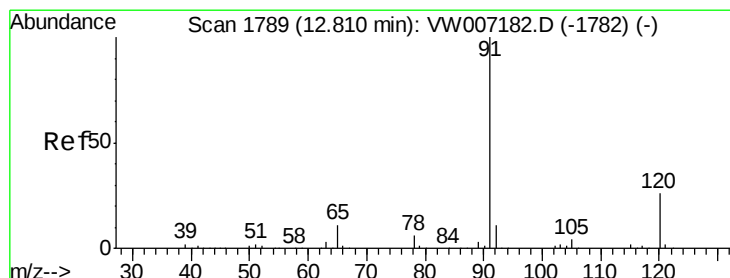
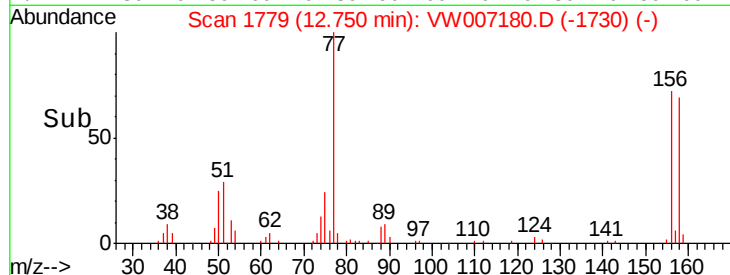
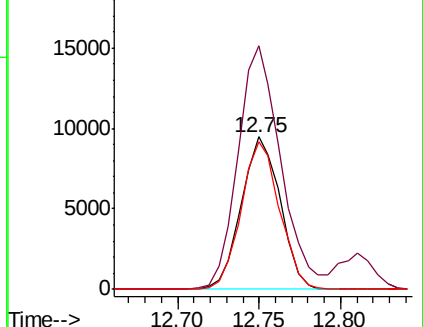
158 95.9 49.0 147.0



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: 10.645 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW007180.D

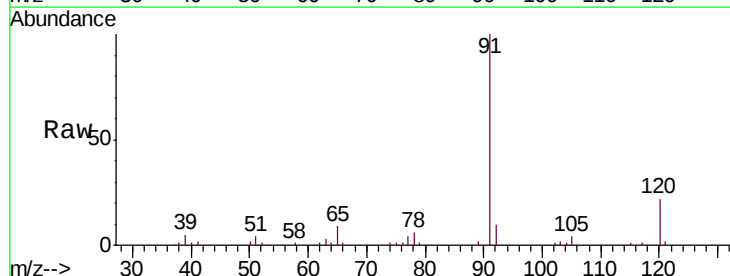
Acq: 04 Dec 2018 11:38

Tgt Ion: 91 Resp: 88256

Ion Ratio Lower Upper

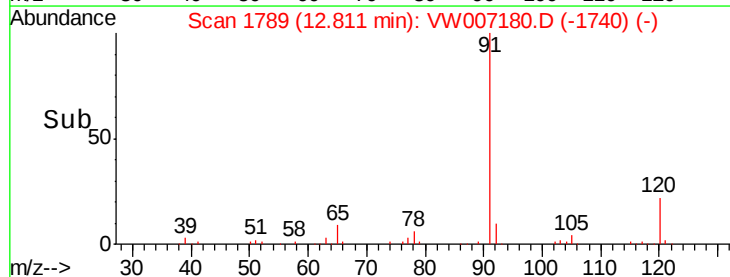
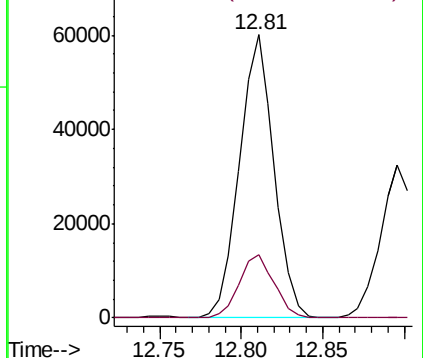
91 100

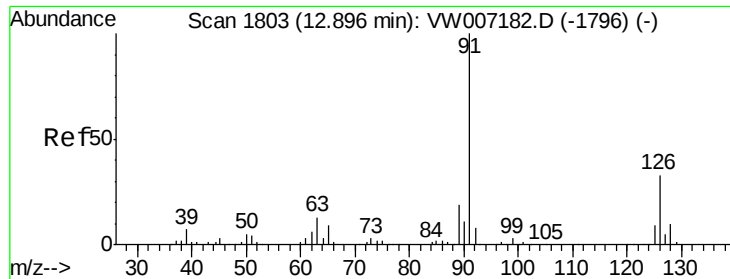
120 22.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.626 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

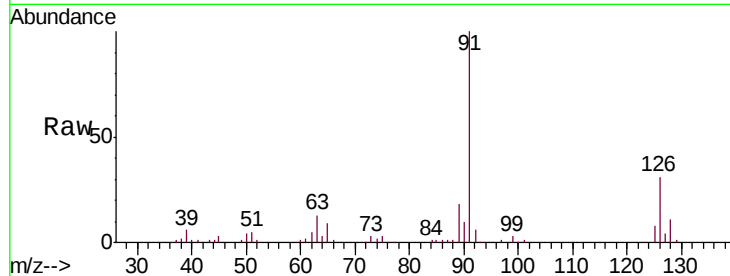
VSTDIC010

Tgt Ion: 91 Resp: 49752

Ion Ratio Lower Upper

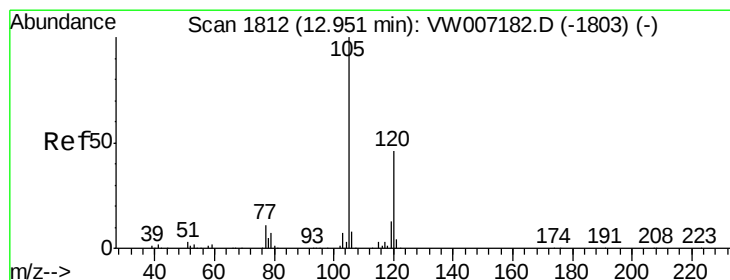
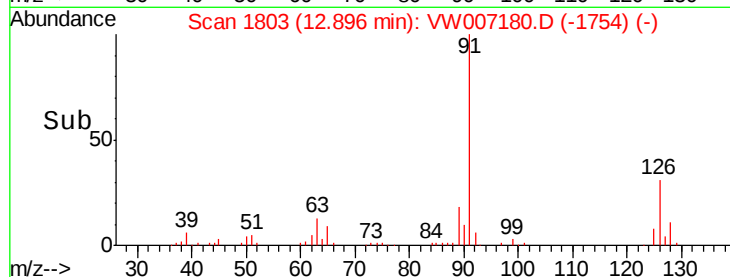
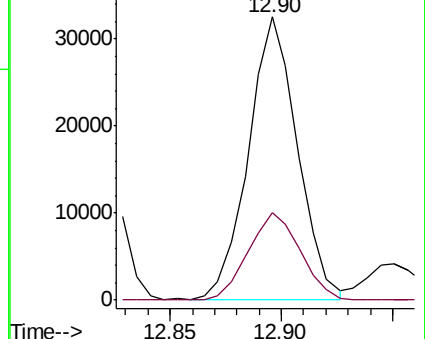
91 100

126 32.8 16.7 50.1



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: 10.341 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW007180.D

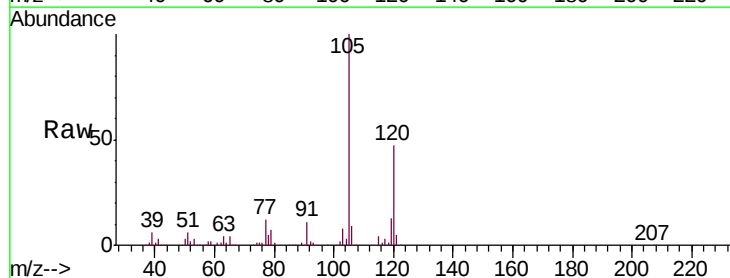
Acq: 04 Dec 2018 11:38

Tgt Ion: 105 Resp: 61568

Ion Ratio Lower Upper

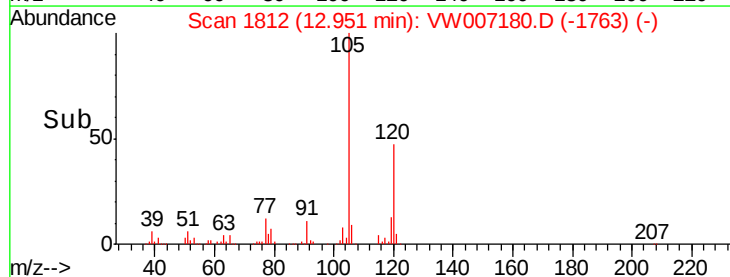
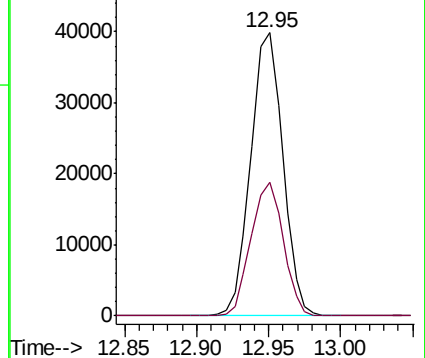
105 100

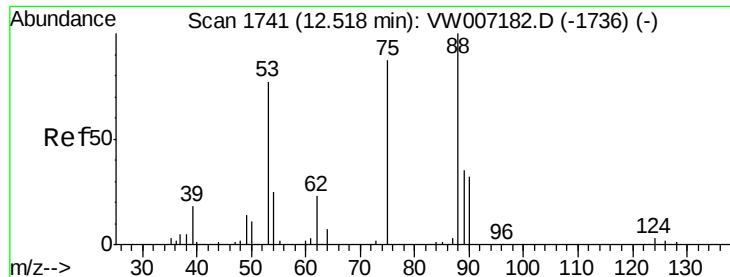
120 47.5 23.8 71.5



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: 9.298 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

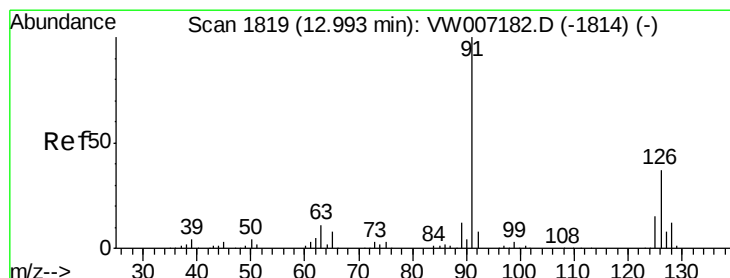
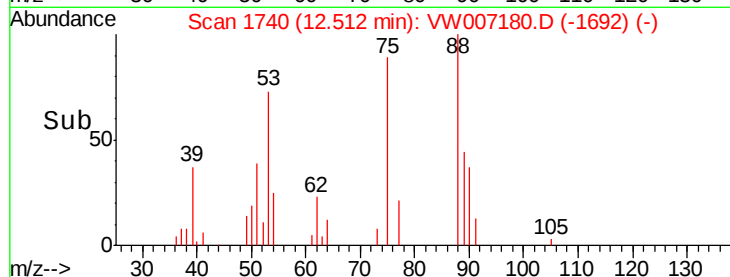
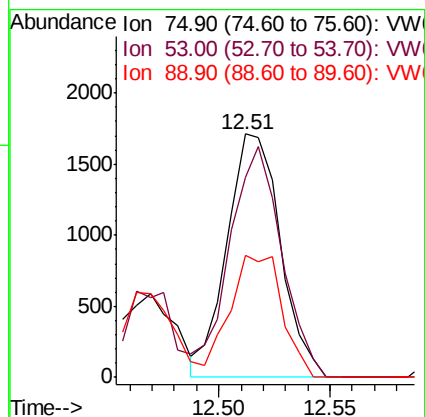
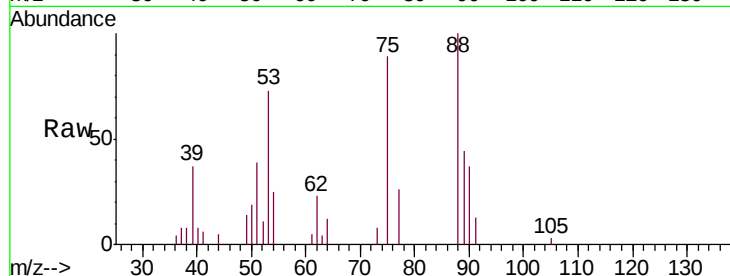
Tgt Ion: 75 Resp: 2858

Ion Ratio Lower Upper

75 100

53 92.3 72.8 109.2

89 48.8 36.4 54.6



#82

4-Chlorotoluene

Concen: 10.217 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW007180.D

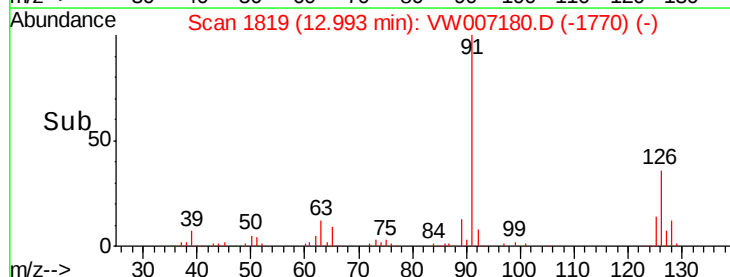
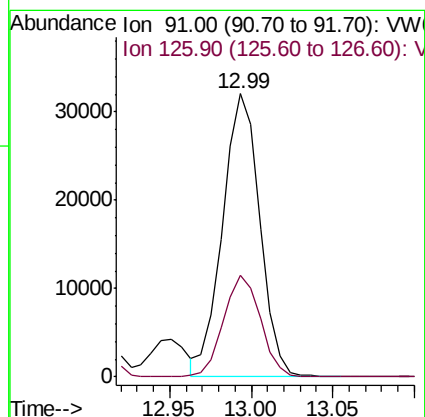
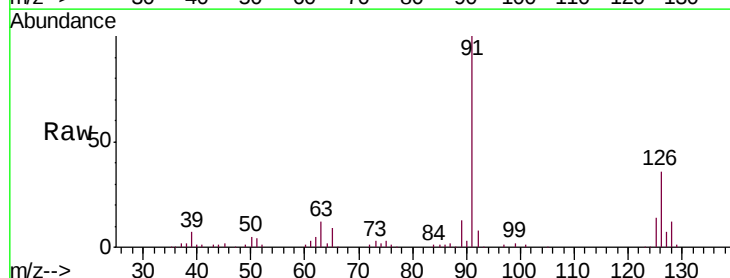
Acq: 04 Dec 2018 11:38

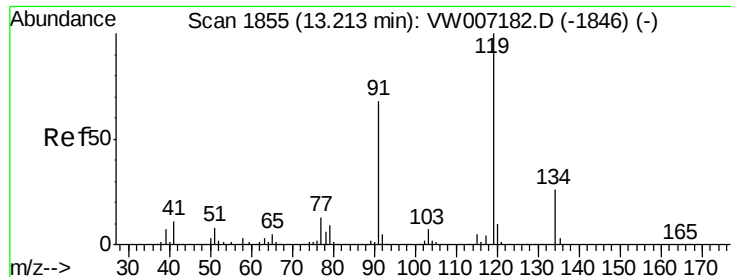
Tgt Ion: 91 Resp: 50890

Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.3

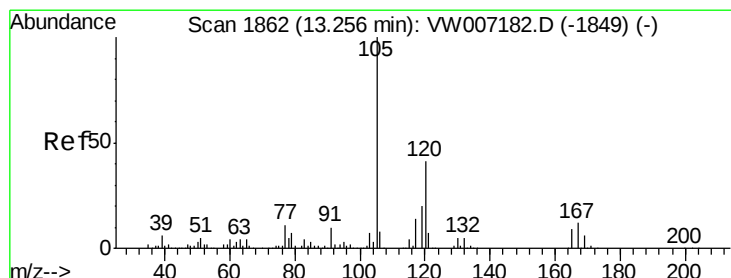
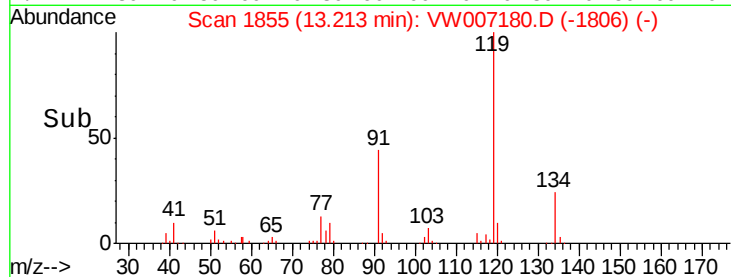
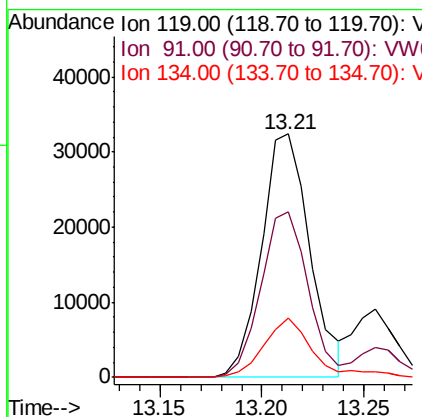
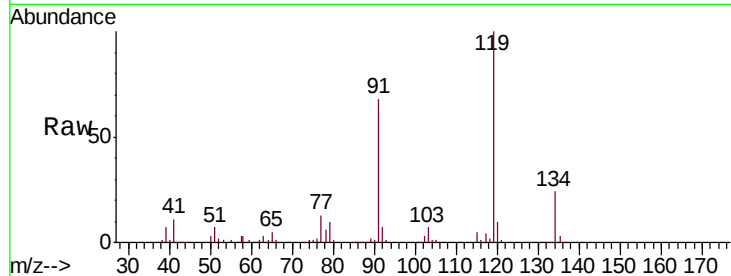




#83
 tert-Butylbenzene
 Concen: 10.291 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

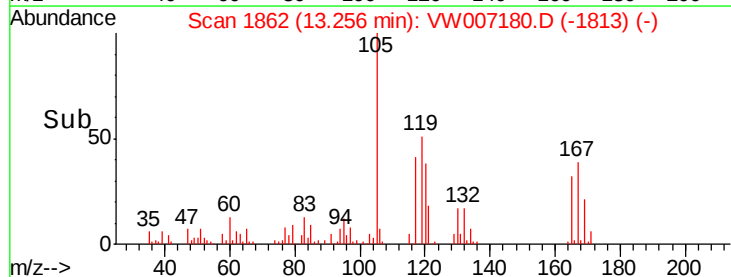
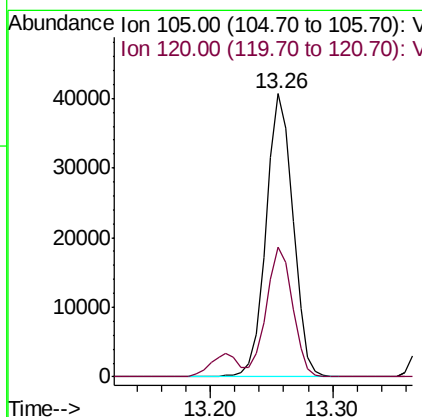
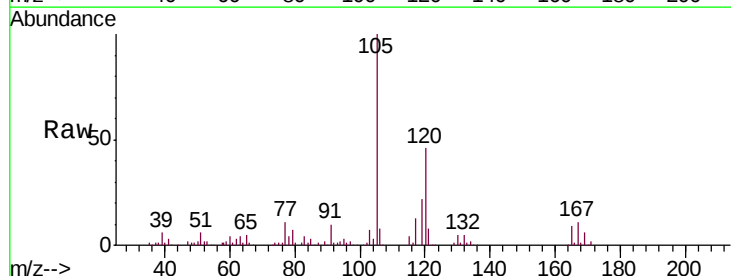
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

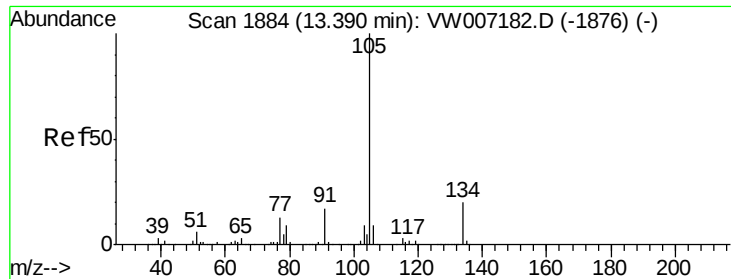
Tgt Ion:119 Resp: 53544
 Ion Ratio Lower Upper
 119 100
 91 66.3 34.0 101.8
 134 25.0 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 10.259 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion:105 Resp: 62347
 Ion Ratio Lower Upper
 105 100
 120 45.5 21.1 63.3

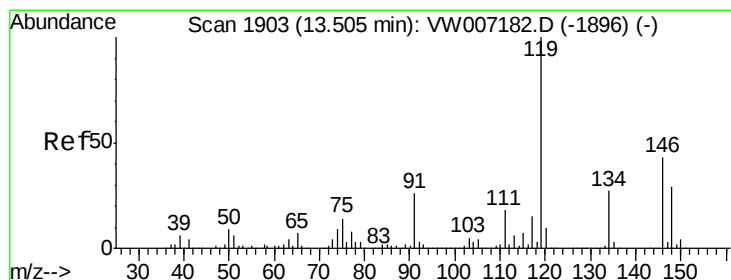
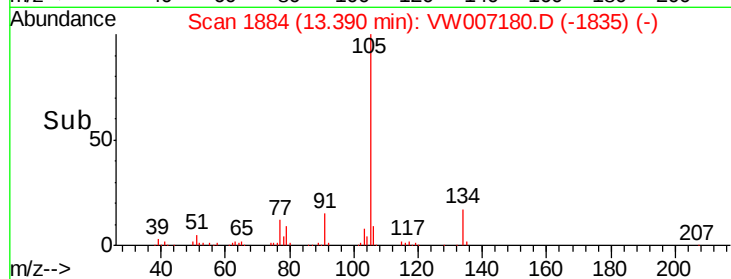
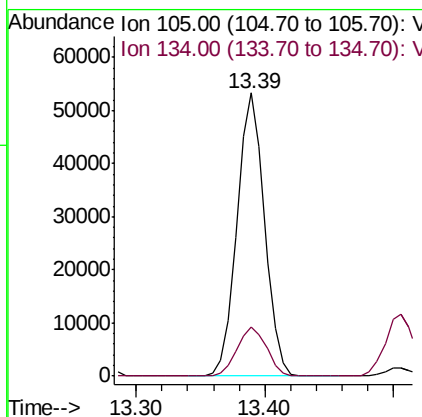
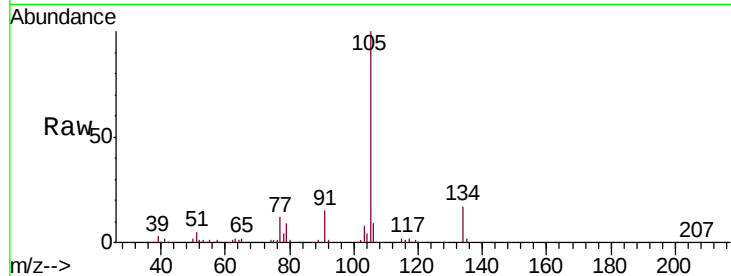




#85
 sec-Butylbenzene
 Concen: 10.613 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

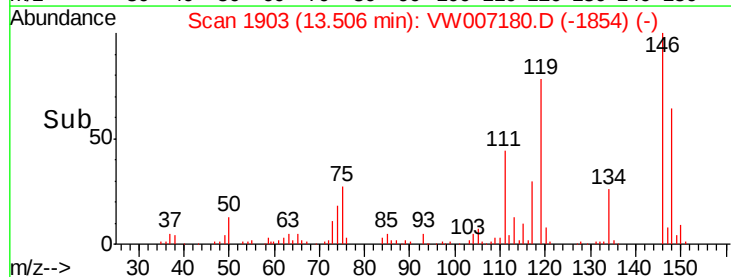
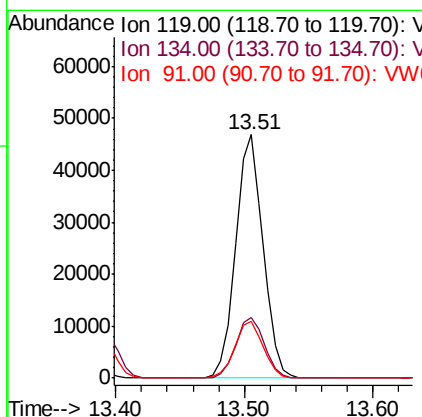
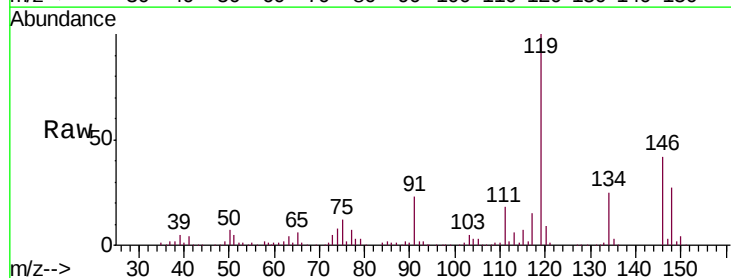
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

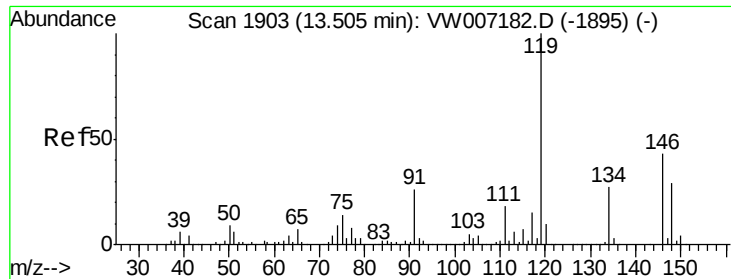
Tgt Ion:105 Resp: 78829
 Ion Ratio Lower Upper
 105 100
 134 18.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 10.450 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion:119 Resp: 69095
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.6
 91 24.0 12.4 37.2

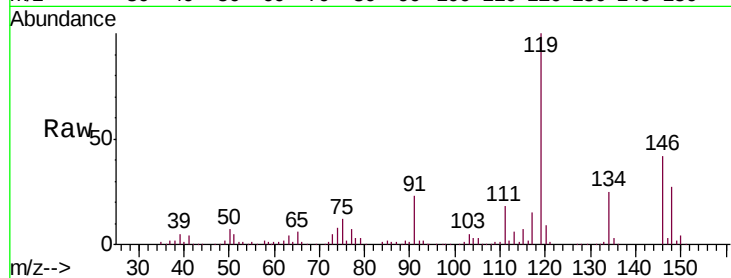




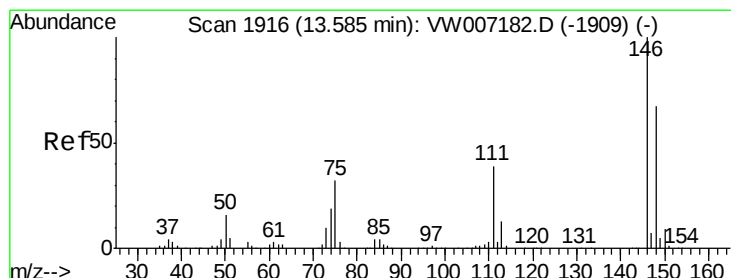
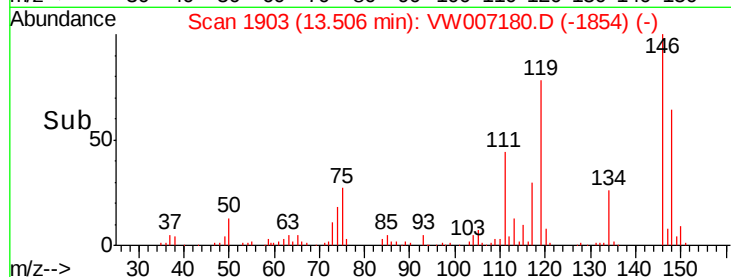
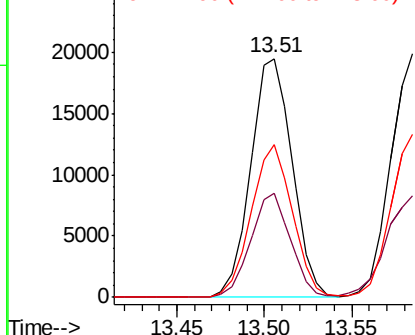
#87
 1,3-Dichlorobenzene
 Concen: 10.387 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:146 Resp: 32032
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.1 63.4
 148 63.7 32.8 98.4

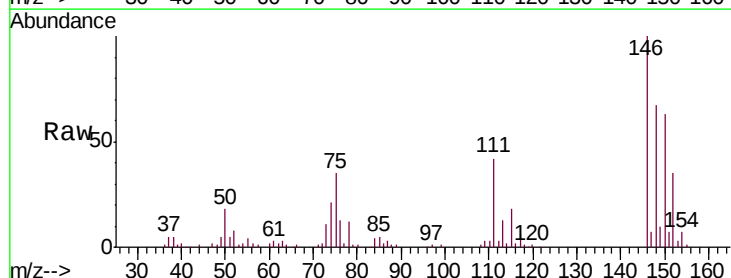


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

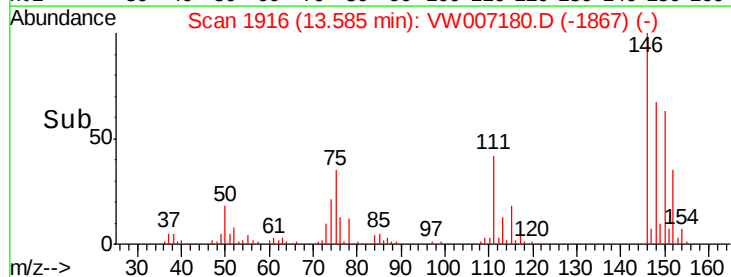
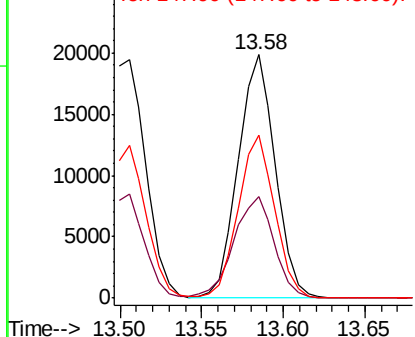


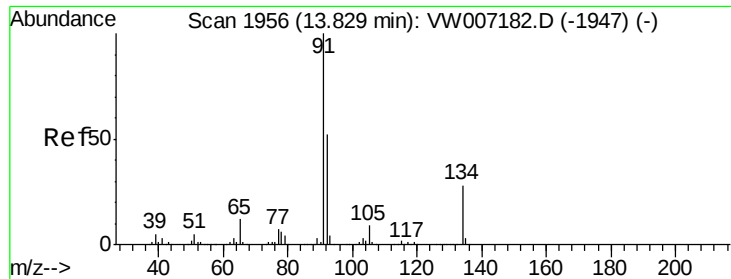
#88
 1,4-Dichlorobenzene
 Concen: 10.095 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion:146 Resp: 31445
 Ion Ratio Lower Upper
 146 100
 111 45.7 19.6 58.8
 148 65.8 32.6 98.0



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





#89

n-Butylbenzene

Concen: 10.568 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

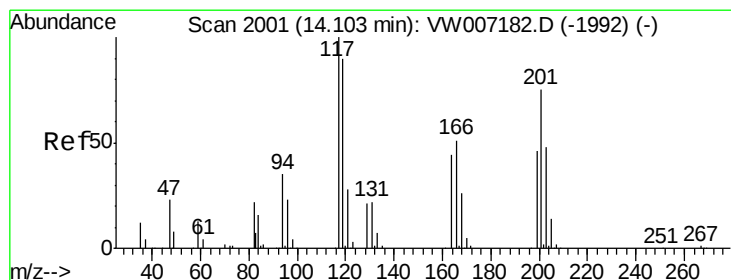
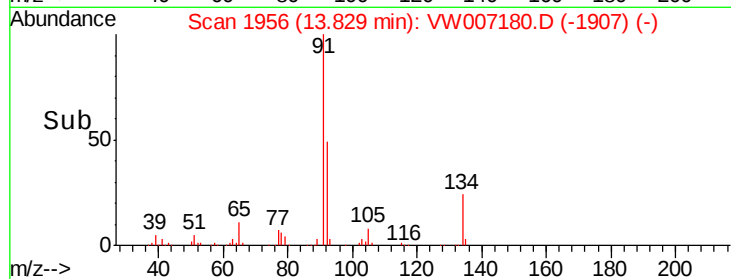
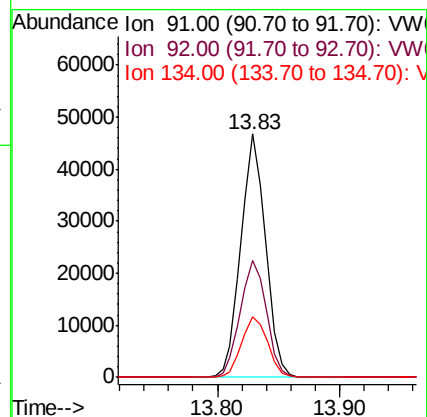
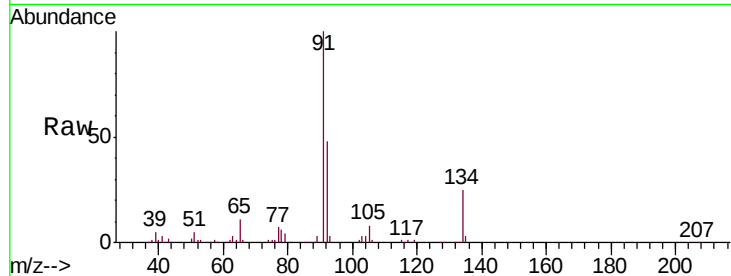
Tgt Ion: 91 Resp: 65297

Ion Ratio Lower Upper

91 100

92 50.8 26.5 79.5

134 26.2 14.1 42.2



#90

Hexachloroethane

Concen: 10.153 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW007180.D

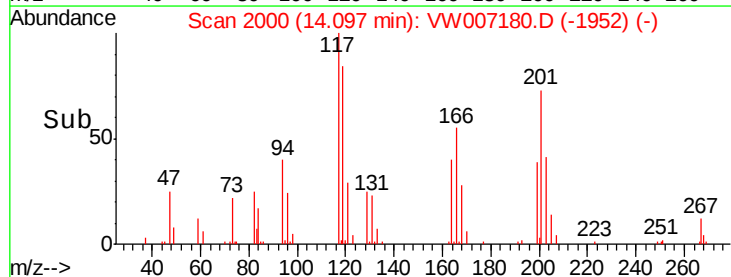
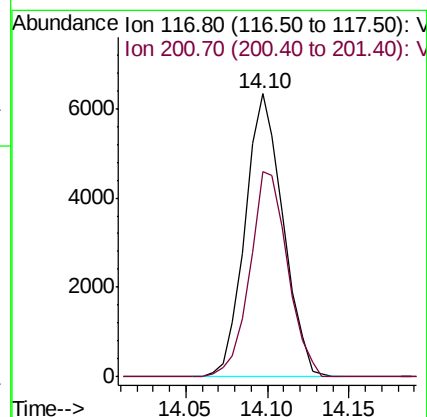
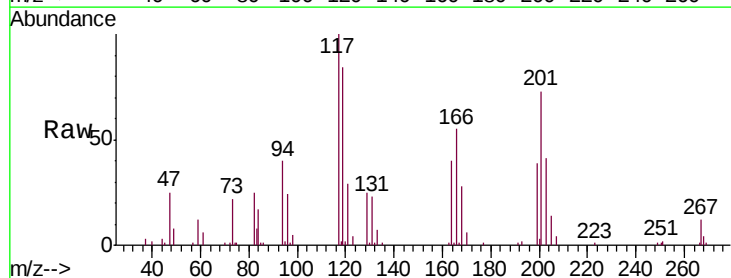
Acq: 04 Dec 2018 11:38

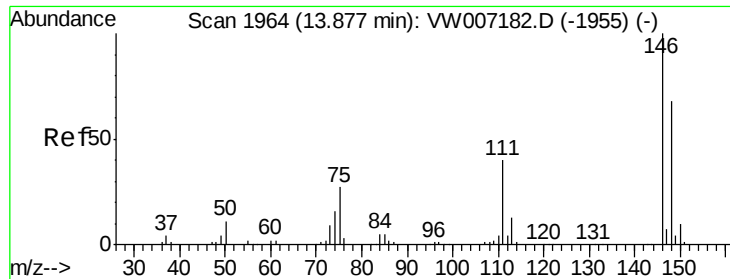
Tgt Ion: 117 Resp: 10230

Ion Ratio Lower Upper

117 100

201 72.2 36.0 108.1





#91

1,2-Dichlorobenzene

Concen: 10.218 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

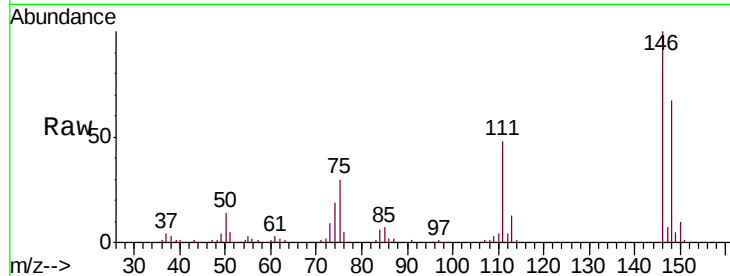
Tgt Ion:146 Resp: 27279

Ion Ratio Lower Upper

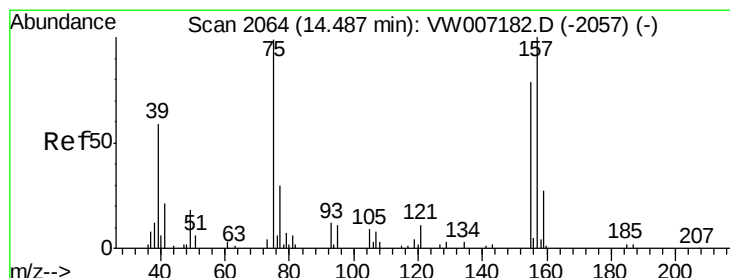
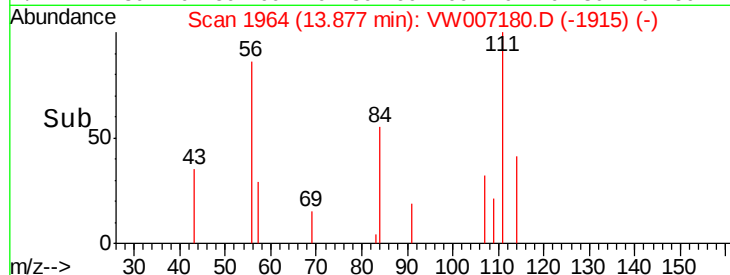
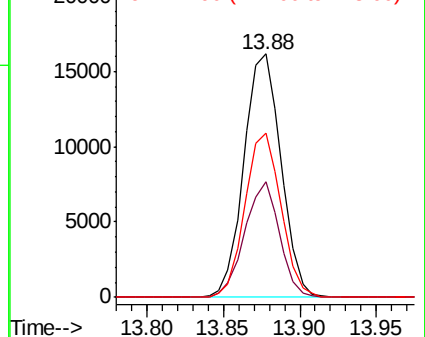
146 100

111 44.3 21.6 65.0

148 65.4 32.7 98.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.492 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

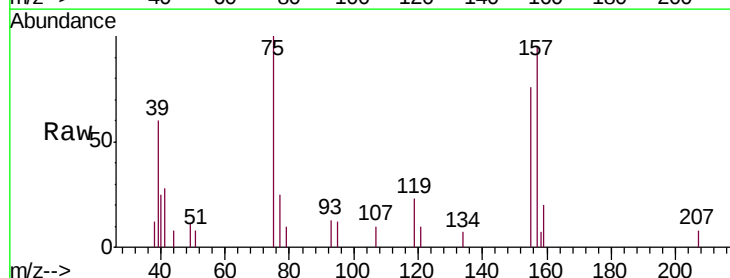
Tgt Ion: 75 Resp: 1662

Ion Ratio Lower Upper

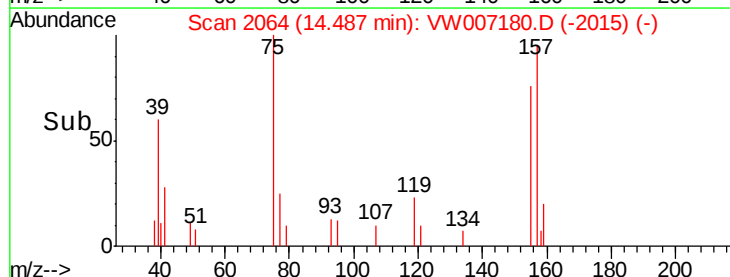
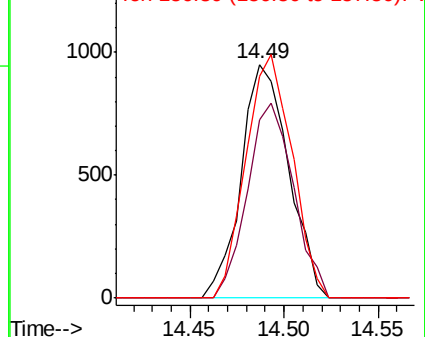
75 100

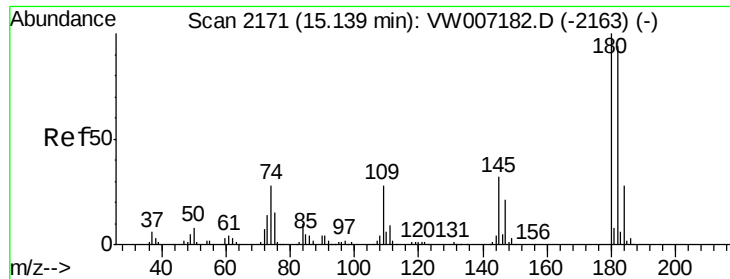
155 81.0 42.4 127.2

157 101.4 55.3 165.9



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

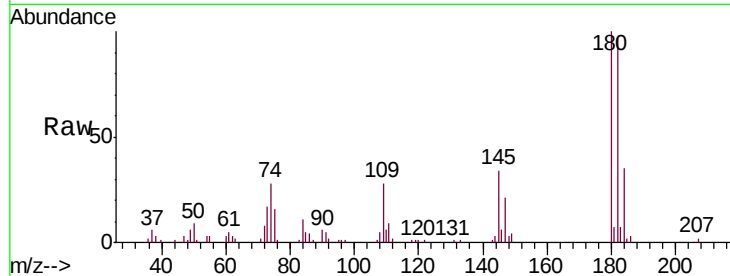




#93
 1,2,4-Trichlorobenzene
 Concen: 9.743 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	47.9	143.8
145	34.2	16.6	49.7

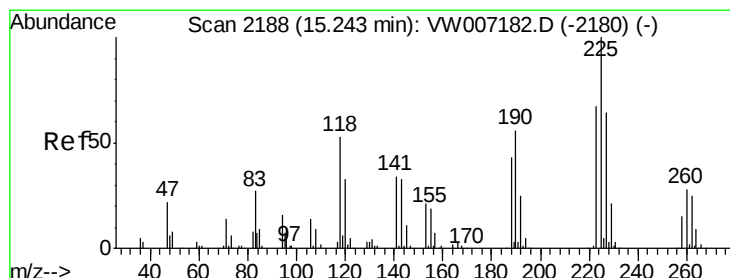
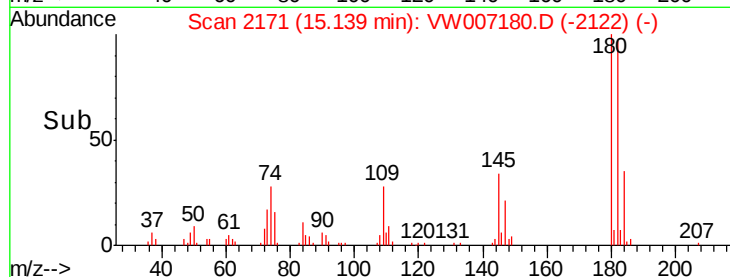
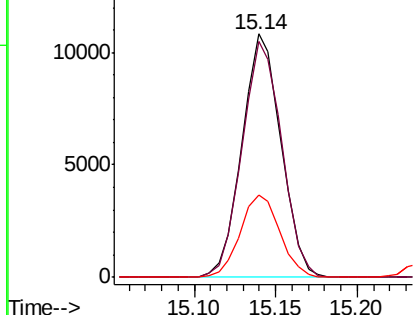


Abundance

Ion 179.80 (179.50 to 180.50): V

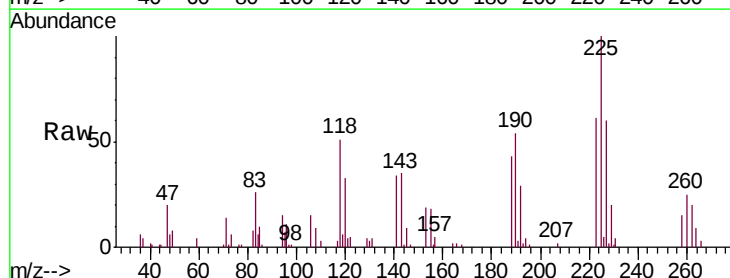
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 10.454 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007180.D
 Acq: 04 Dec 2018 11:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	32.3	96.8
227	60.2	32.1	96.3

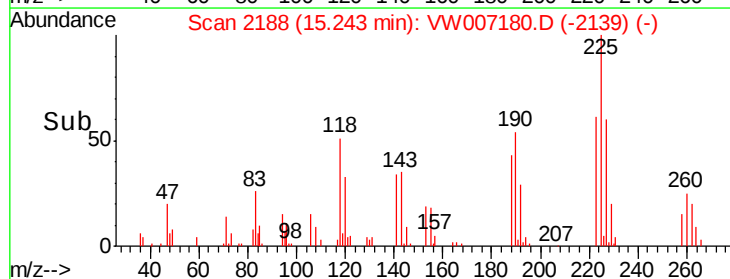
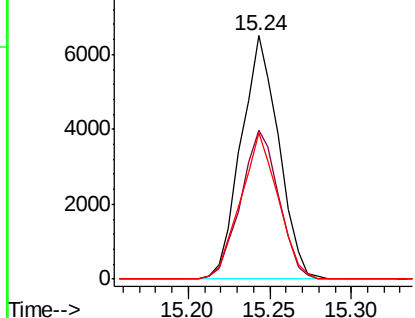


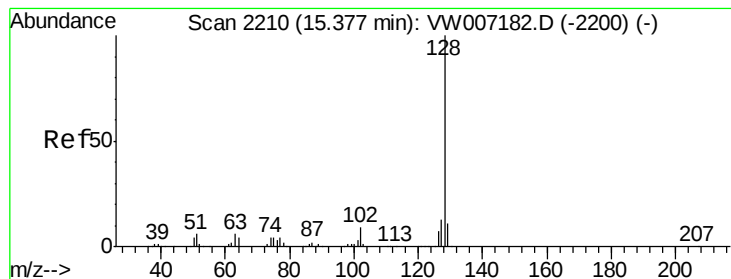
Abundance

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: 9.299 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

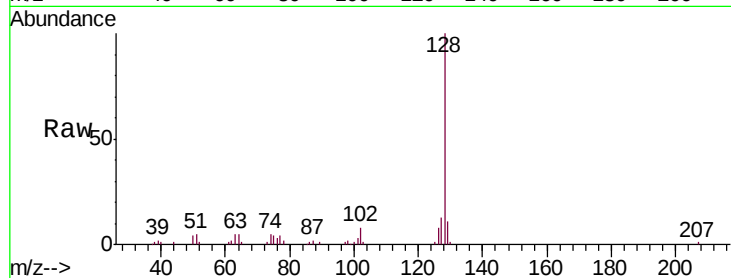
Tgt Ion:128 Resp: 30833

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

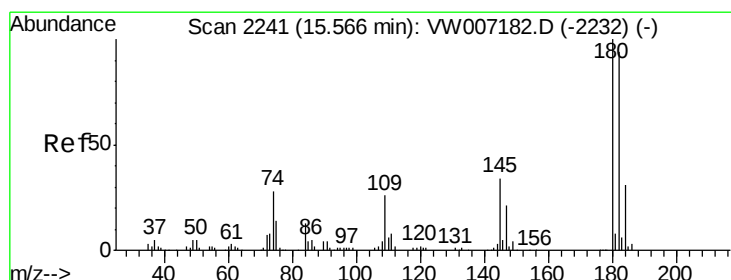
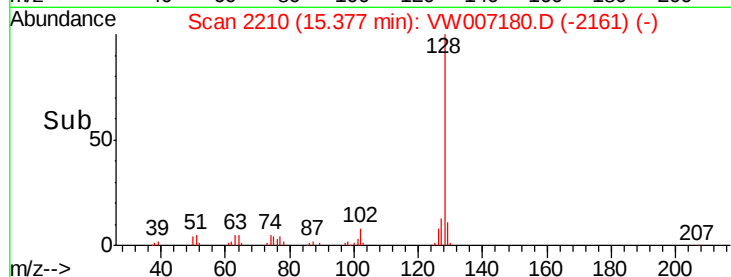
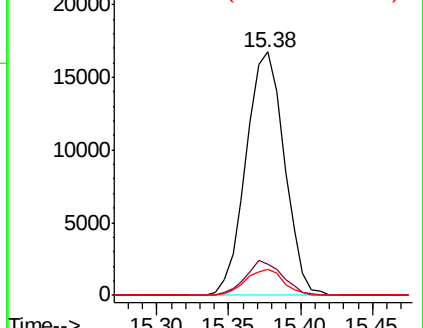
129 10.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 9.690 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW007180.D

Acq: 04 Dec 2018 11:38

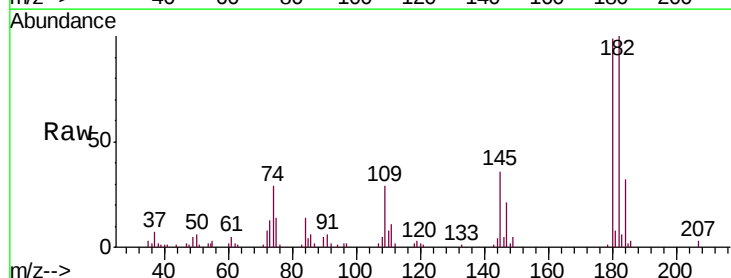
Tgt Ion:180 Resp: 15116

Ion Ratio Lower Upper

180 100

182 94.1 47.4 142.2

145 36.7 17.6 52.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

