

Data File : VW007909.D
Acq On : 25 Dec 2018 01:22
Operator : SY/AP
Sample : VSTD1CC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD1CC100

Quant Time: Dec 25 03:45:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 25 03:37:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	76624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	131954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	119133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57393	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	94233	109.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.10%	
35) Dibromofluoromethane	7.88	113	84171	103.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.36%	
50) Toluene-d8	10.32	98	322614	105.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.30%	
62) 4-Bromofluorobenzene	12.62	95	123207	103.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	61379	91.117	ug/l	99
3) Chloromethane	2.22	50	54892	124.077	ug/l	100
4) Vinyl Chloride	2.37	62	64790	115.938	ug/l	99
5) Bromomethane	2.78	94	40185	104.160	ug/l	100
6) Chloroethane	2.93	64	34769	115.659	ug/l	100
7) Trichlorofluoromethane	3.26	101	49280	90.025	ug/l	93
8) Diethyl Ether	3.68	74	39105	112.371	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	76948	94.014	ug/l	98
10) Methyl Iodide	4.26	142	127376	97.504	ug/l	99
11) Tert butyl alcohol	5.17	59	30885	524.609	ug/l	98
12) 1,1-Dichloroethene	4.03	96	73966	97.194	ug/l	98
13) Acrolein	3.89	56	16170	364.050	ug/l	100
14) Allyl chloride	4.67	41	114575	111.316	ug/l	99
15) Acrylonitrile	5.37	53	82285	544.835	ug/l	99
16) Acetone	4.12	43	71006	450.651	ug/l	99
17) Carbon Disulfide	4.38	76	213759	91.824	ug/l	99
18) Methyl Acetate	4.67	43	48585	121.611	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	125887	111.054	ug/l	100
20) Methylene Chloride	4.91	84	85712	87.325	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	81244	96.727	ug/l	96
22) Diisopropyl ether	6.31	45	222803	114.977	ug/l	98
23) Vinyl Acetate	6.26	43	630181	553.103	ug/l	100
24) 1,1-Dichloroethane	6.21	63	144634	103.378	ug/l	99
25) 2-Butanone	7.17	43	99187	518.647	ug/l	99
26) 2,2-Dichloropropane	7.16	77	91771	91.338	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	92140	102.176	ug/l	99
28) Bromochloromethane	7.51	49	51945	108.142	ug/l #	99
29) Tetrahydrofuran	7.53	42	66420	574.835	ug/l	99
30) Chloroform	7.68	83	157833	100.799	ug/l	100
31) Cyclohexane	7.95	56	121818	95.656	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	135491	95.814	ug/l	99
36) 1,1-Dichloropropene	8.09	75	118221	93.115	ug/l	99
37) Ethyl Acetate	7.26	43	45545	101.087	ug/l	98
38) Carbon Tetrachloride	8.07	117	127805	86.944	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	145429	92.059	ug/l	98
40) Benzene	8.32	78	329552	96.385	ug/l	100
41) Methacrylonitrile	7.48	41	27874	105.633	ug/l	91
42) 1,2-Dichloroethane	8.40	62	109436	95.845	ug/l	99
43) Isopropyl Acetate	8.43	43	96769	107.030	ug/l	99
44) Trichloroethene	9.09	130	93217	91.169	ug/l	99
45) 1,2-Dichloropropane	9.37	63	79760	104.137	ug/l	100
46) Dibromomethane	9.46	93	45274	97.466	ug/l	97
47) Bromodichloromethane	9.65	83	116587	95.577	ug/l	99
48) Methyl methacrylate	9.44	41	49368	109.042	ug/l	99
49) 1,4-Dioxane	9.44	88	15498	2084.274	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	229306	533.331	ug/l	99
52) Toluene	10.39	92	219457	95.962	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	120544	98.704	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	133888	99.251	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	63288	97.815	ug/l	99
56) Ethyl methacrylate	10.65	69	81609	106.427	ug/l	98
57) 1,3-Dichloropropane	10.93	76	107498	99.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	190598	540.124	ug/l	100
59) 2-Hexanone	10.97	43	158421	526.052	ug/l	99
60) Dibromochloromethane	11.13	129	79111	93.910	ug/l	98
61) 1,2-Dibromoethane	11.24	107	63363	96.903	ug/l	99
64) Tetrachloroethene	10.87	164	78825	93.286	ug/l	98
65) Chlorobenzene	11.66	112	246149	95.149	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	87584	95.332	ug/l	98
67) Ethyl Benzene	11.73	91	432804	97.216	ug/l	100
68) m/p-Xylenes	11.84	106	327245	190.268	ug/l	100
69) o-Xylene	12.17	106	157542	97.506	ug/l	98
70) Styrene	12.18	104	260852	98.135	ug/l	100
71) Bromoform	12.35	173	43108	92.011	ug/l #	98
73) Isopropylbenzene	12.47	105	439000	100.442	ug/l	99
74) N-amyl acetate	12.27	43	89381	114.397	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	68798	103.594	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	95434	209.203	ug/l	34
77) Bromobenzene	12.75	156	97992	98.033	ug/l	99
78) n-propylbenzene	12.81	91	506050	99.404	ug/l	99
79) 2-Chlorotoluene	12.90	91	300799	100.916	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	376892	99.961	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	21606	101.816	ug/l	97
82) 4-Chlorotoluene	12.99	91	316848	100.298	ug/l	99
83) tert-Butylbenzene	13.21	119	330453	99.905	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	377517	99.173	ug/l	99
85) sec-Butylbenzene	13.39	105	450340	98.905	ug/l	100
86) p-Isopropyltoluene	13.51	119	403338	97.606	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	191359	96.265	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	190133	95.944	ug/l	100
89) n-Butylbenzene	13.83	91	368518	97.198	ug/l	100
90) Hexachloroethane	14.10	117	68546	95.752	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	173345	97.468	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13285	98.334	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122618\
Quantitation Report (Not Reviewed)

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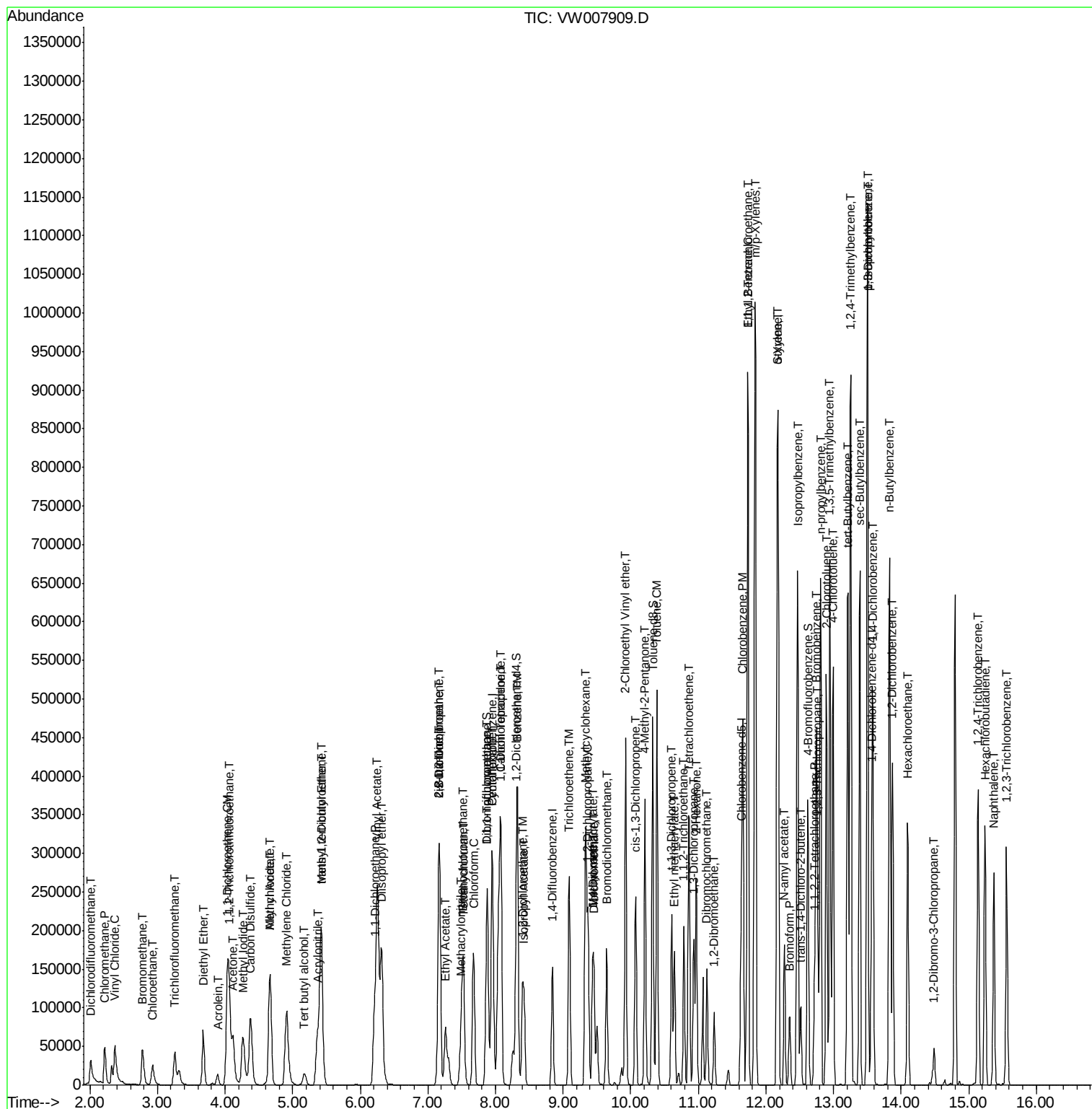
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	119125	96.969	ug/l	99
94) Hexachlorobutadiene	15.24	225	61443	93.771	ug/l	99
95) Naphthalene	15.37	128	242036	105.126	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	104372	98.781	ug/l	99

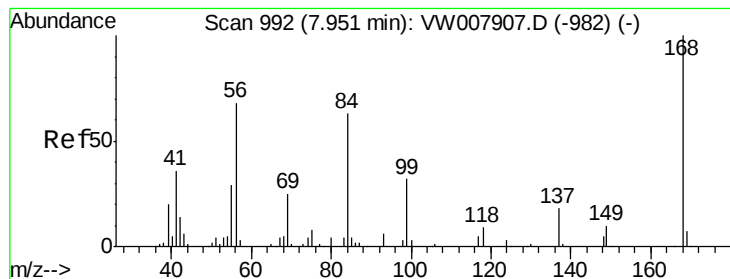
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

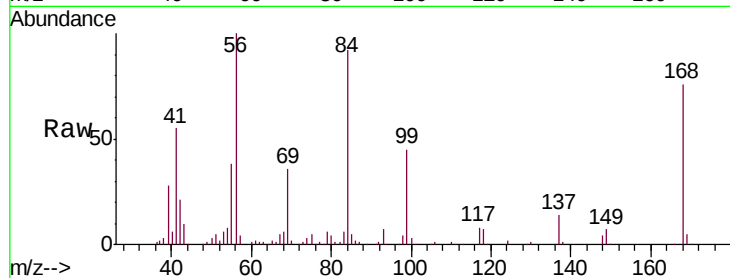
VSTD1CC100

Tgt Ion: 168 Resp: 76624

Ion Ratio Lower Upper

168 100

99 59.0 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

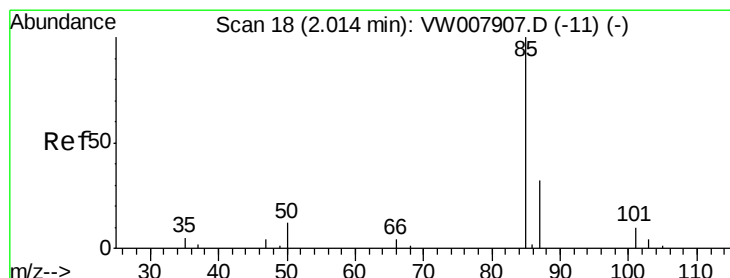
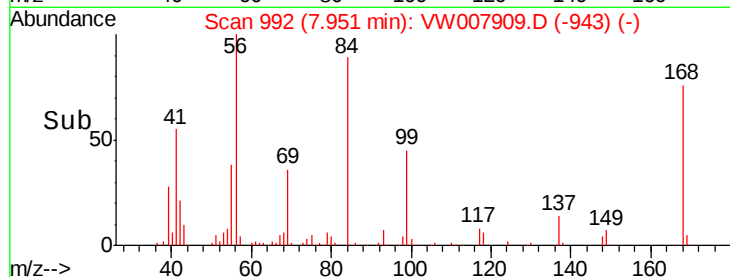
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 91.117 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007909.D

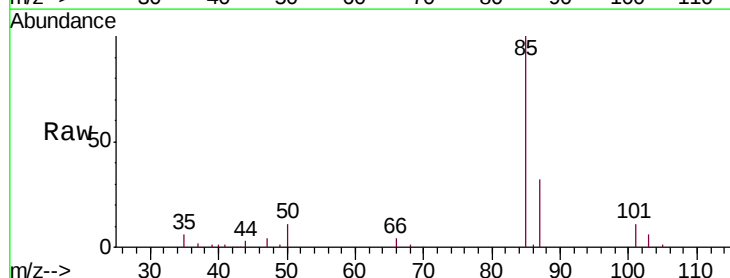
Acq: 25 Dec 2018 01:22

Tgt Ion: 85 Resp: 61379

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

15000

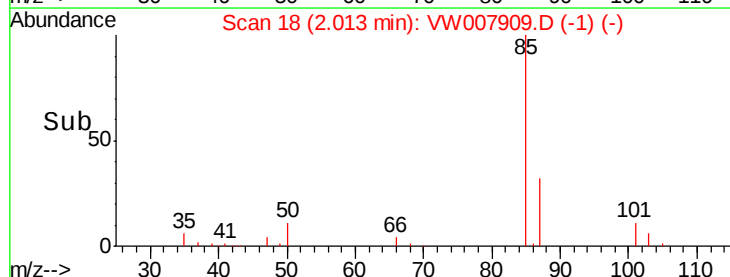
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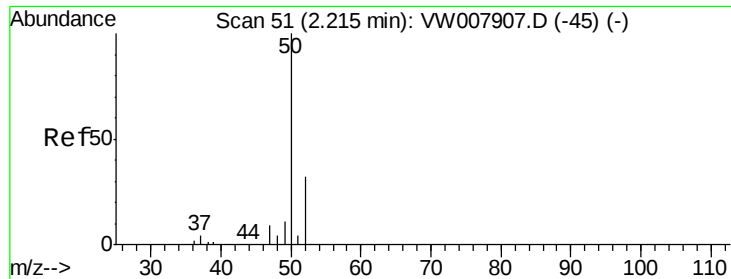
5000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 124.077 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

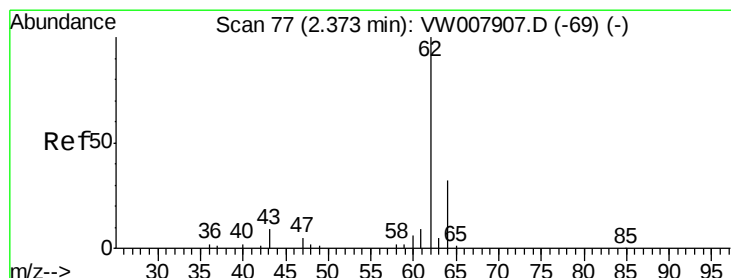
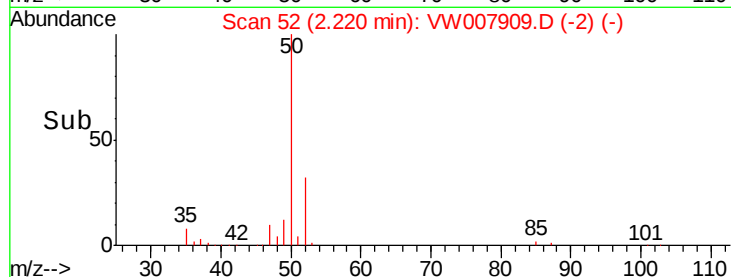
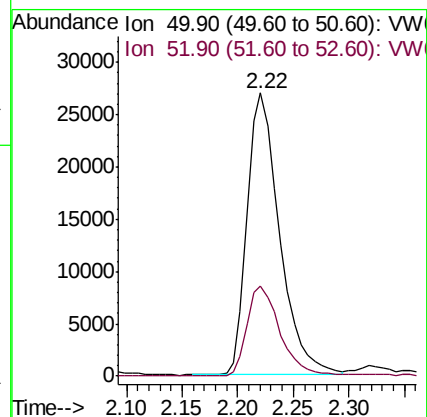
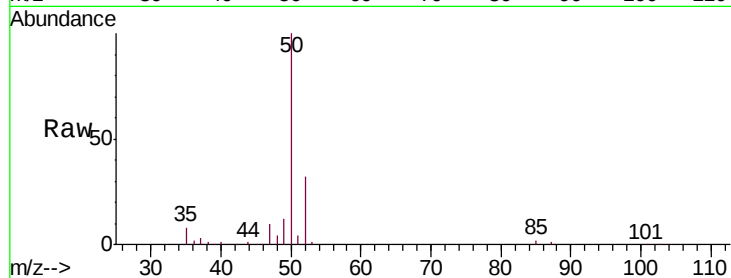
VSTD1CC100

Tgt Ion: 50 Resp: 54892

Ion Ratio Lower Upper

50 100

52 31.9 25.6 38.4



#4

Vinyl Chloride

Concen: 115.938 ug/l

RT: 2.37 min Scan# 77

Delta R.T. -0.00 min

Lab File: VW007909.D

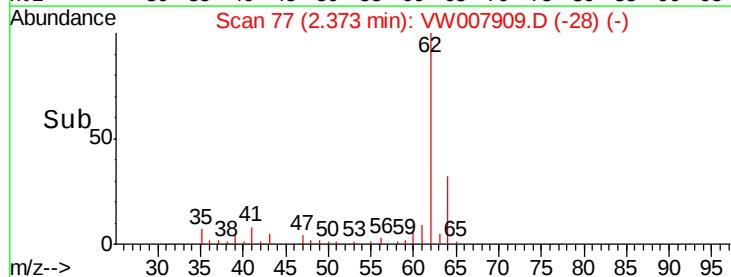
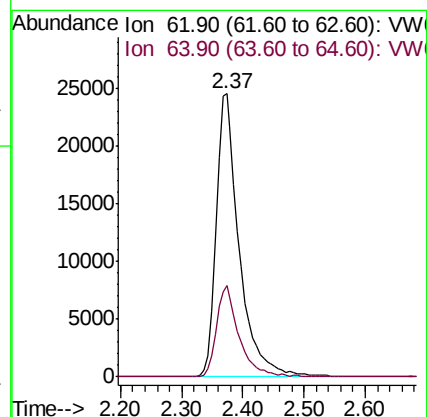
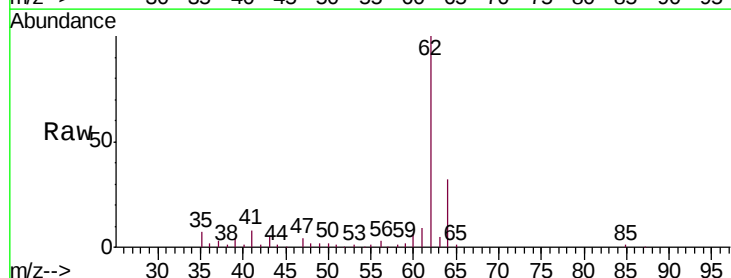
Acq: 25 Dec 2018 01:22

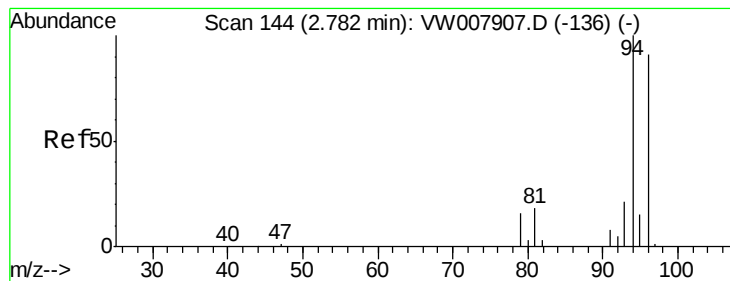
Tgt Ion: 62 Resp: 64790

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9





#5

Bromomethane

Concen: 104.160 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

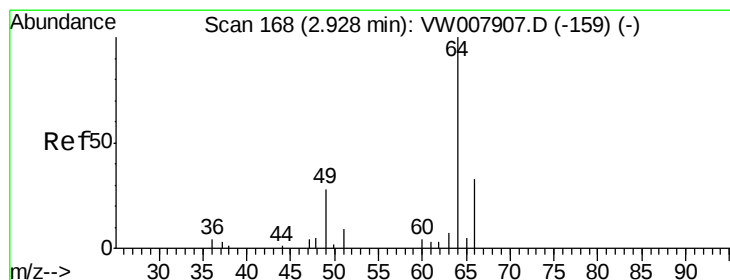
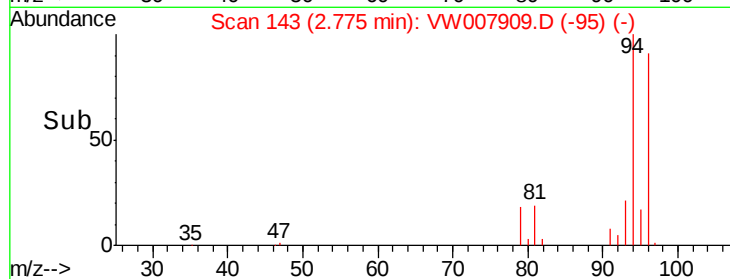
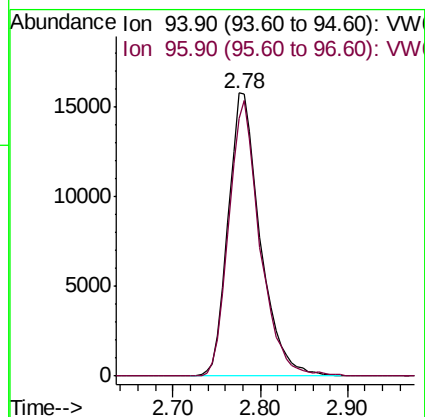
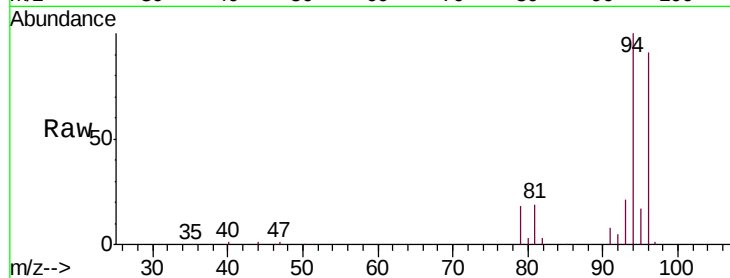
VSTD1CC100

Tgt Ion: 94 Resp: 40185

Ion Ratio Lower Upper

94 100

96 91.0 72.7 109.1



#6

Chloroethane

Concen: 115.659 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007909.D

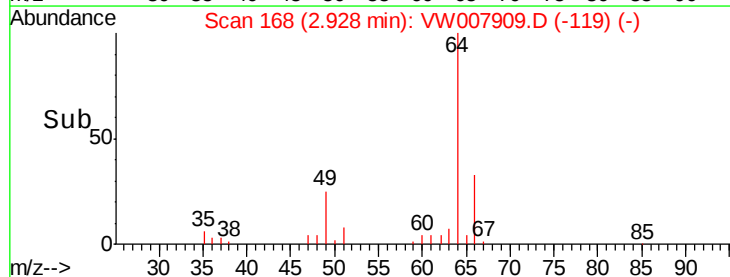
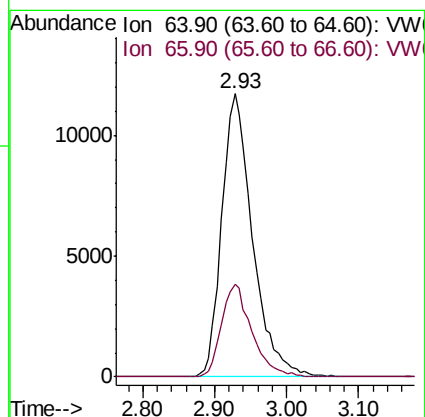
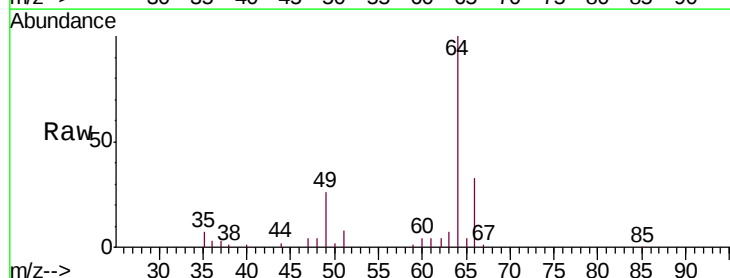
Acq: 25 Dec 2018 01:22

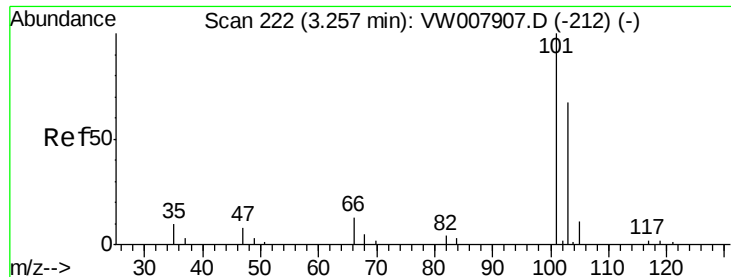
Tgt Ion: 64 Resp: 34769

Ion Ratio Lower Upper

64 100

66 32.8 26.2 39.2



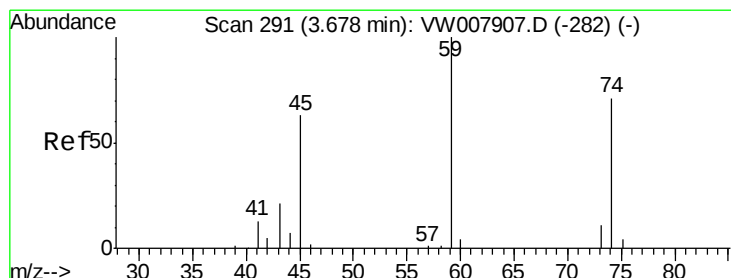
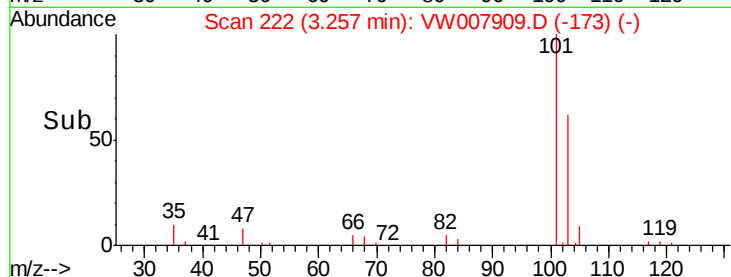
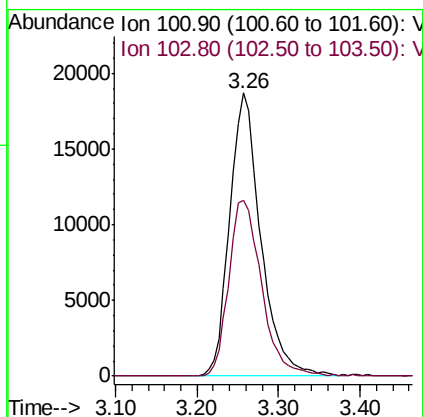
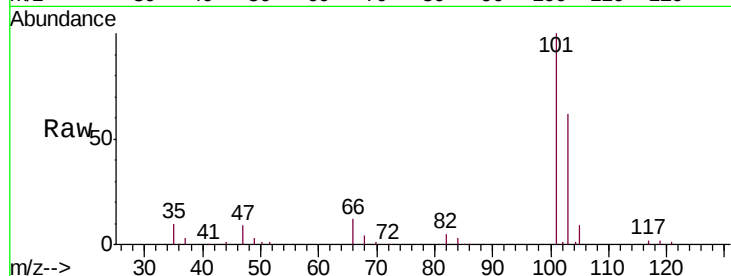


#7

Trichlorofluoromethane
 Concen: 90.025 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
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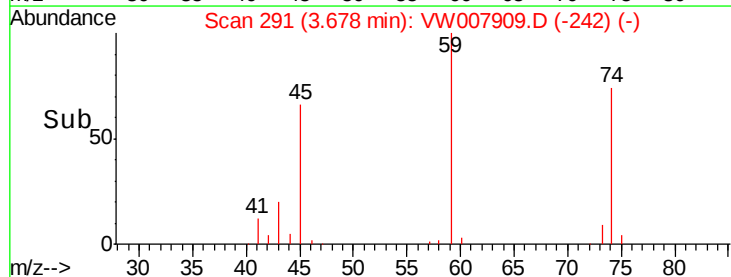
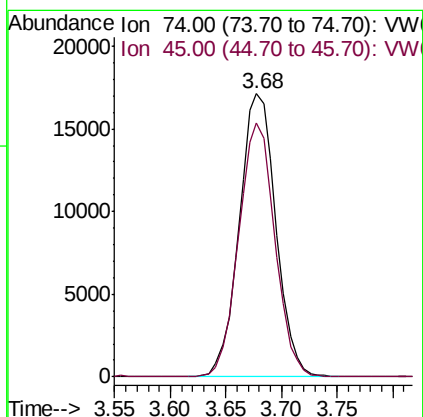
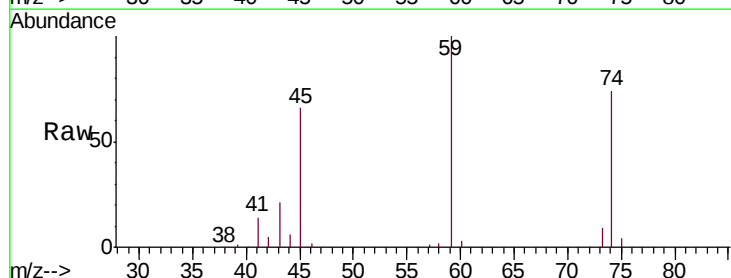
Tgt Ion: 101 Resp: 49280
 Ion Ratio Lower Upper
 101 100
 103 62.0 53.8 80.8

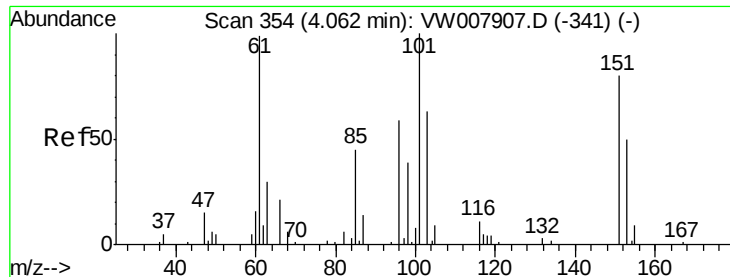


#8

Diethyl Ether
 Concen: 112.371 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Tgt Ion: 74 Resp: 39105
 Ion Ratio Lower Upper
 74 100
 45 88.6 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 94.014 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW007909.D

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Instrument :

MSVOA_W

ClientSampleId :

VSTD1CC100

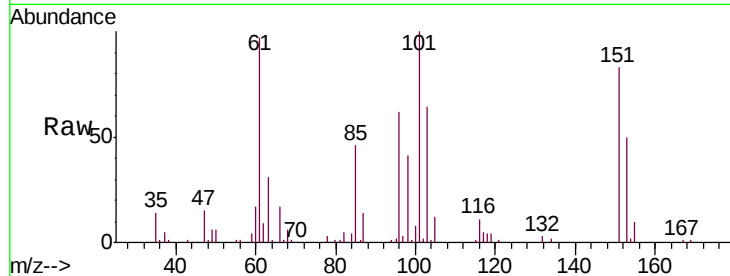
Tgt Ion:101 Resp: 76948

Ion Ratio Lower Upper

101 100

85 43.2 35.8 53.6

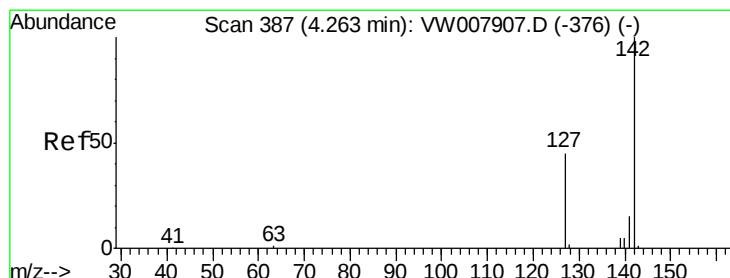
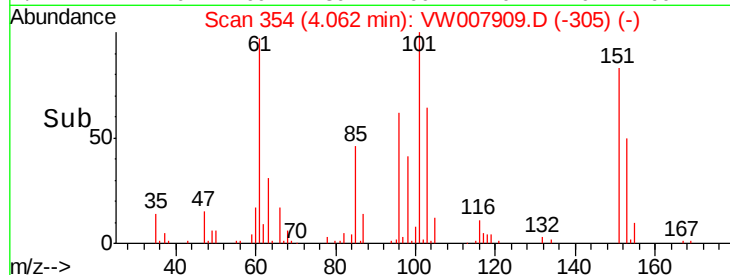
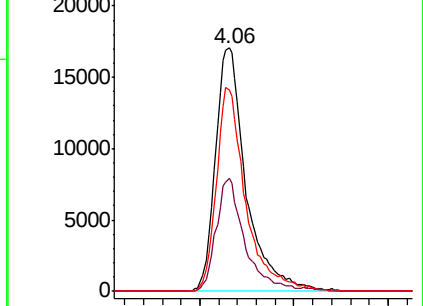
151 80.1 63.2 94.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 97.504 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

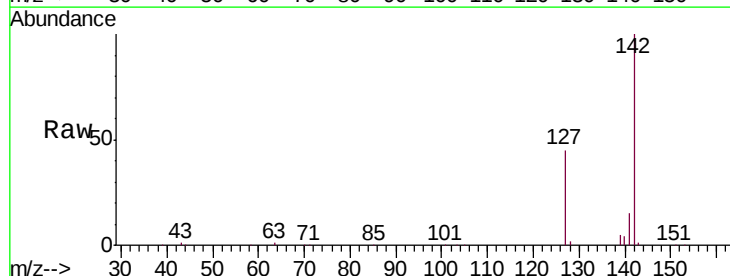
Tgt Ion:142 Resp: 127376

Ion Ratio Lower Upper

142 100

127 45.5 36.2 54.4

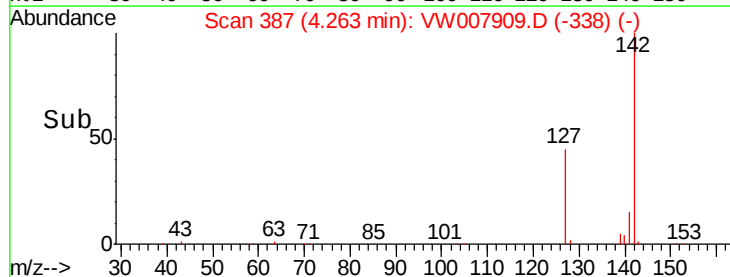
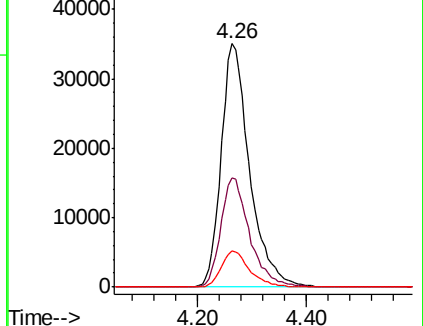
141 14.9 11.6 17.4

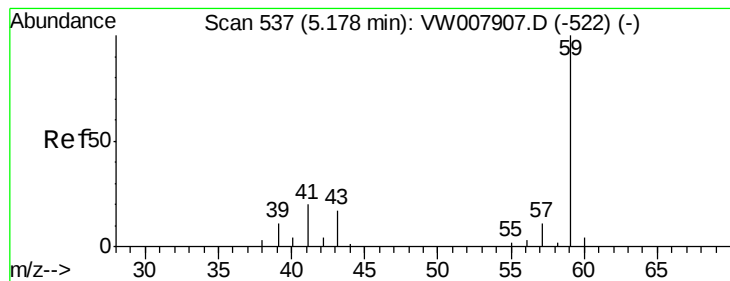


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



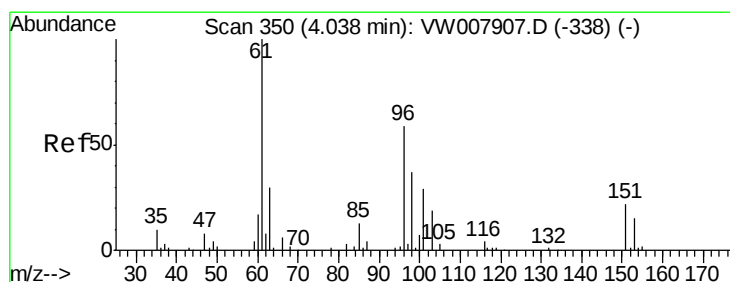
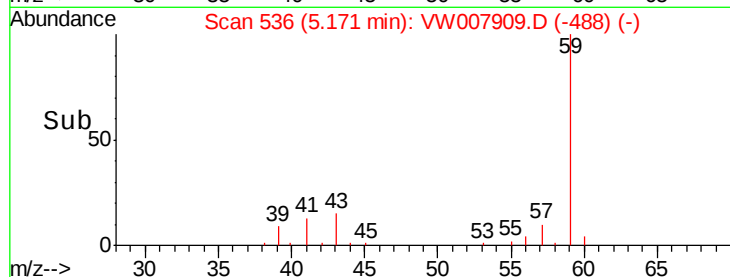
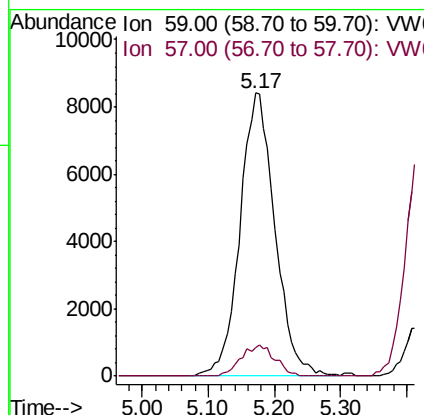
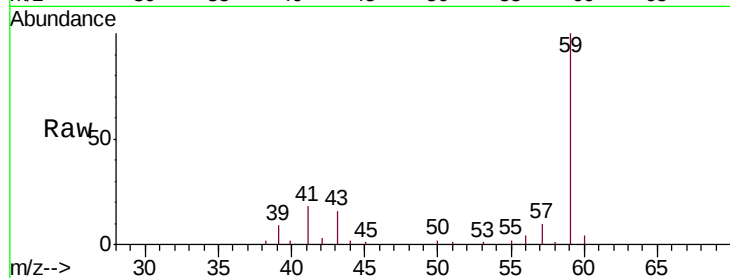


#11

Tert butyl alcohol
 Concen: 524.609 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD1CC100

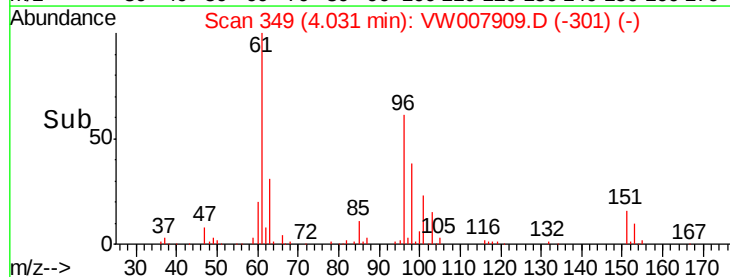
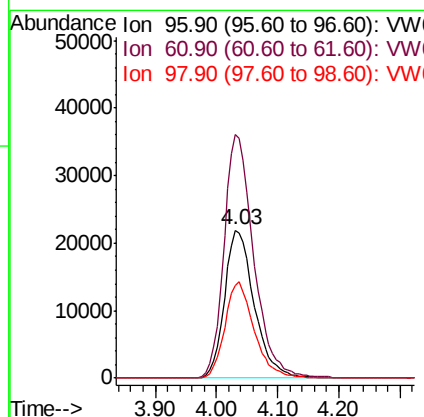
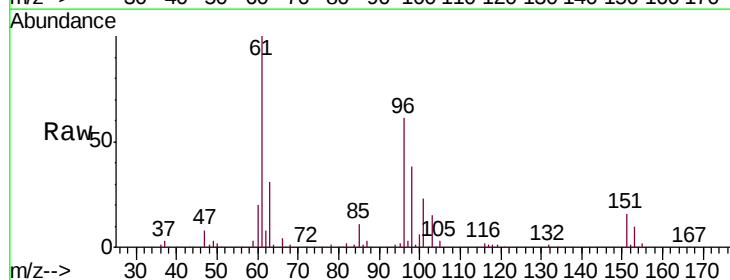
Tgt Ion: 59 Resp: 30885
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.8 11.6

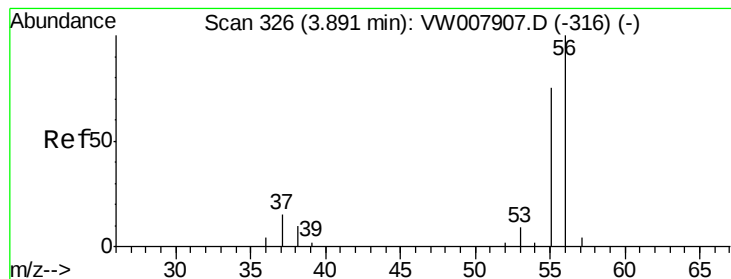


#12

1,1-Dichloroethene
 Concen: 97.194 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Tgt Ion: 96 Resp: 73966
 Ion Ratio Lower Upper
 96 100
 61 164.7 134.5 201.7
 98 62.5 50.2 75.2





#13

Acrolein

Concen: 364.050 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

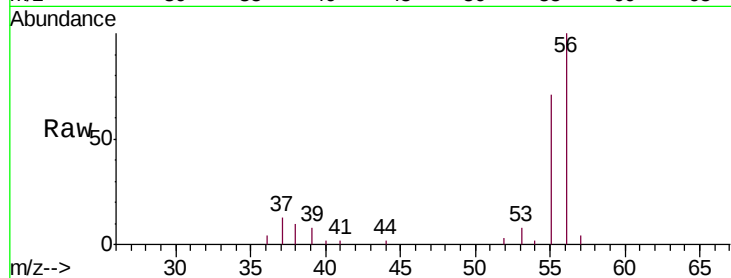
VSTD1CC100

Tgt Ion: 56 Resp: 16170

Ion Ratio Lower Upper

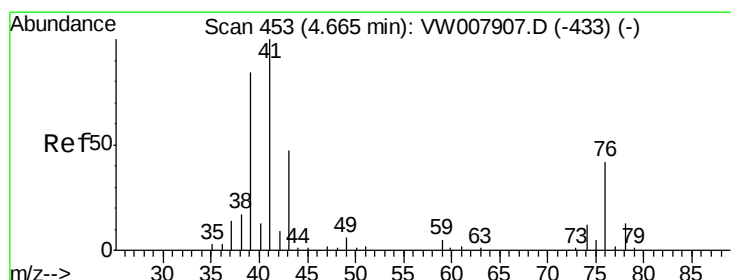
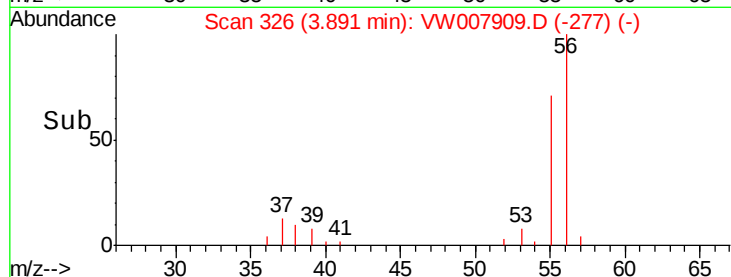
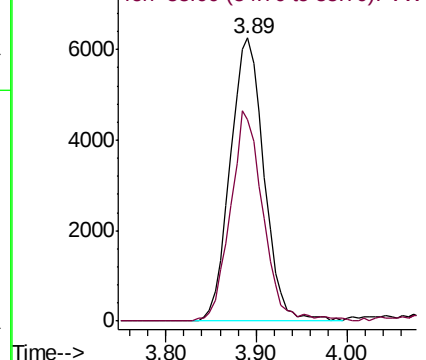
56 100

55 70.9 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 111.316 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

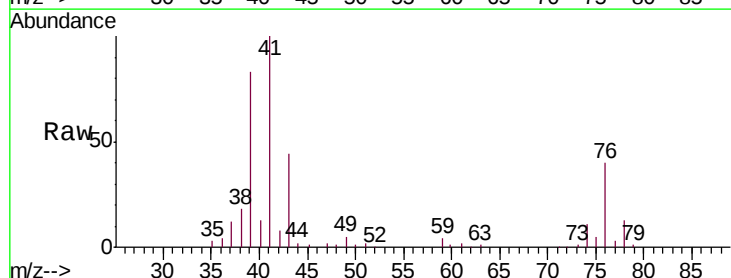
Tgt Ion: 41 Resp: 114575

Ion Ratio Lower Upper

41 100

39 79.5 62.6 93.8

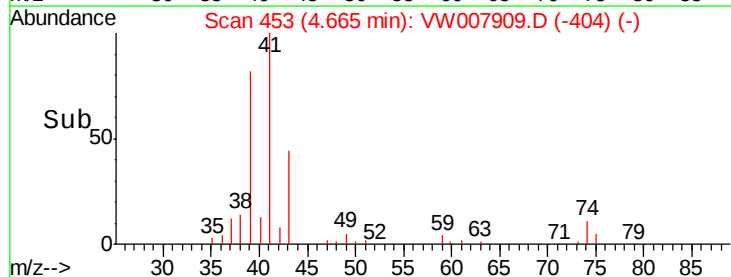
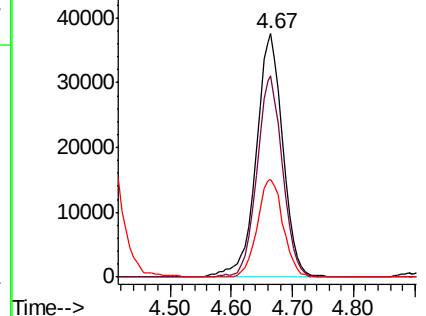
76 39.2 31.1 46.7

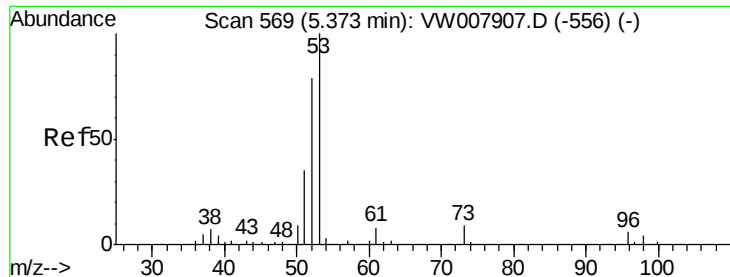


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 544.835 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD1CC100

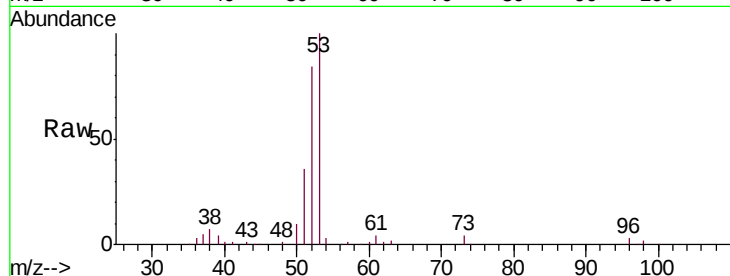
Tgt Ion: 53 Resp: 82285

Ion Ratio Lower Upper

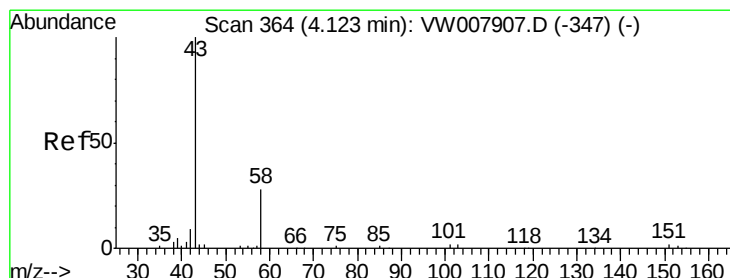
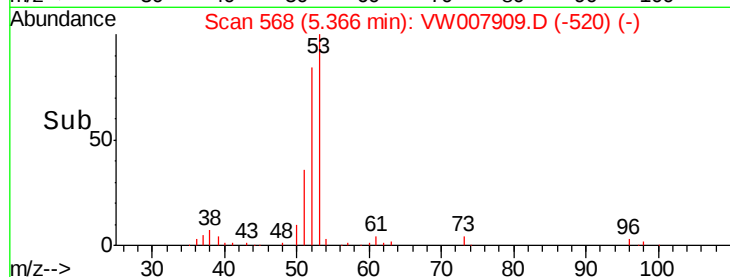
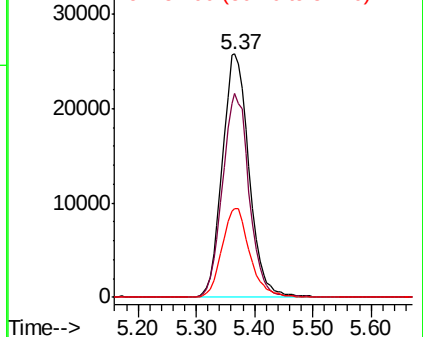
53 100

52 82.9 65.2 97.8

51 37.6 30.6 45.8



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 450.651 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007909.D

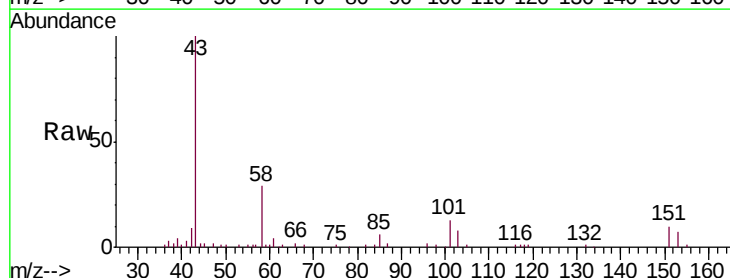
Acq: 25 Dec 2018 01:22

Tgt Ion: 43 Resp: 71006

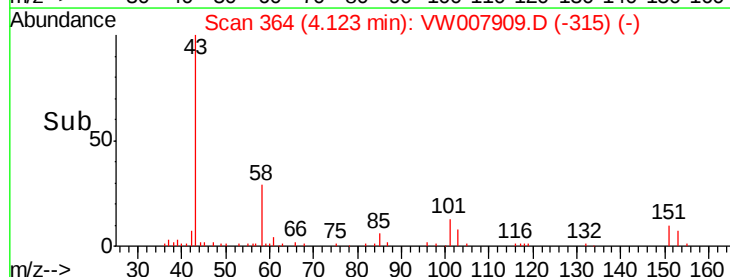
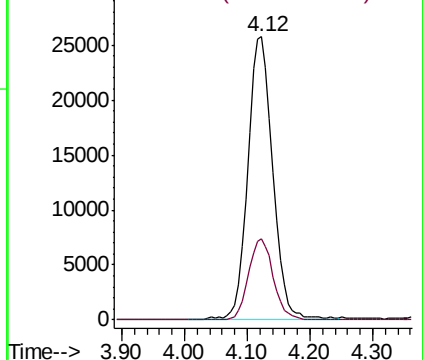
Ion Ratio Lower Upper

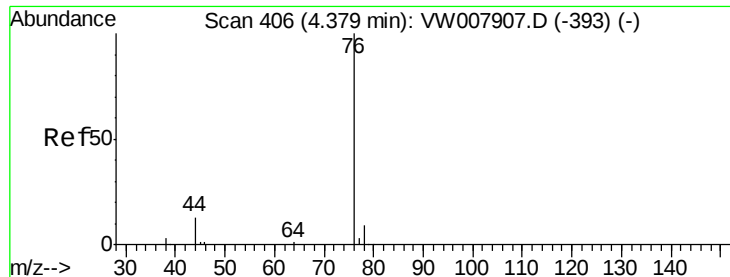
43 100

58 28.8 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

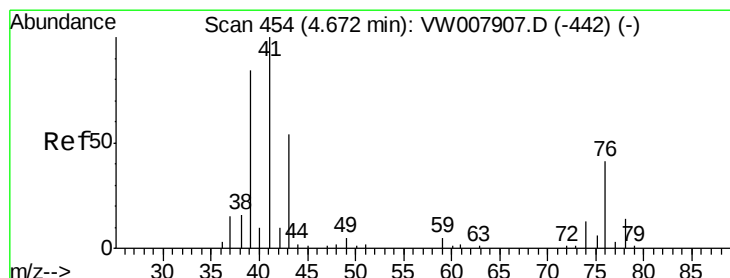
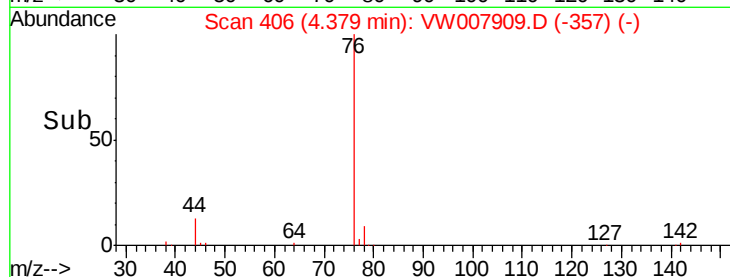
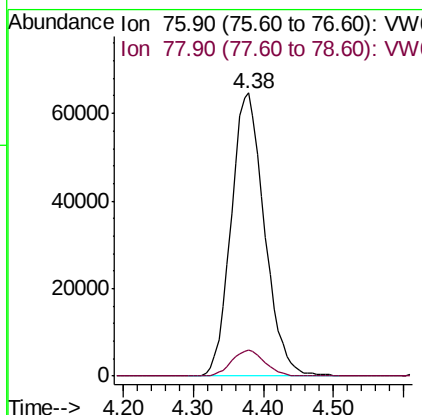
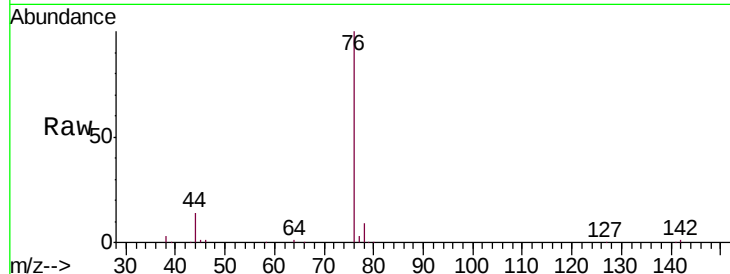




#17
Carbon Disulfide
Concen: 91.824 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

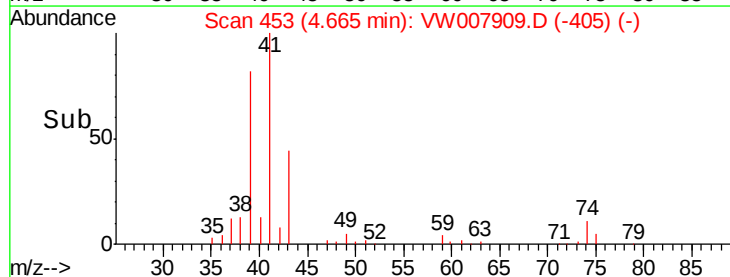
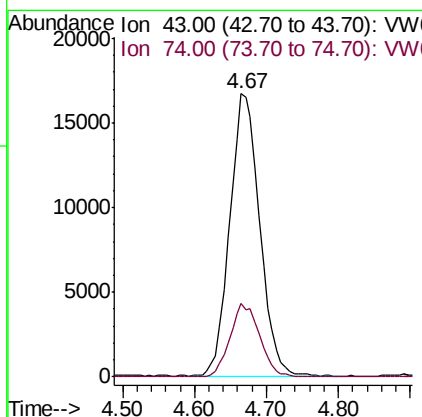
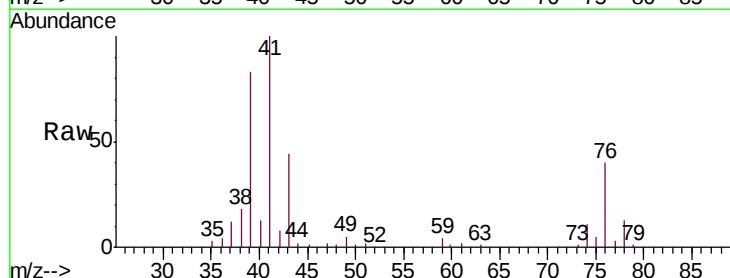
Instrument :
MSVOA_W
ClientSampleId :
VSTD1CC100

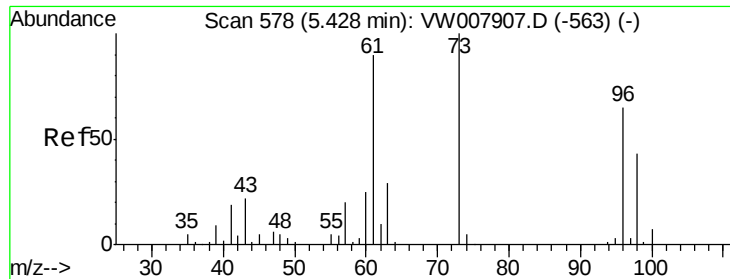
Tgt Ion: 76 Resp: 213759
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 121.611 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

Tgt Ion: 43 Resp: 48585
Ion Ratio Lower Upper
43 100
74 25.4 20.4 30.6



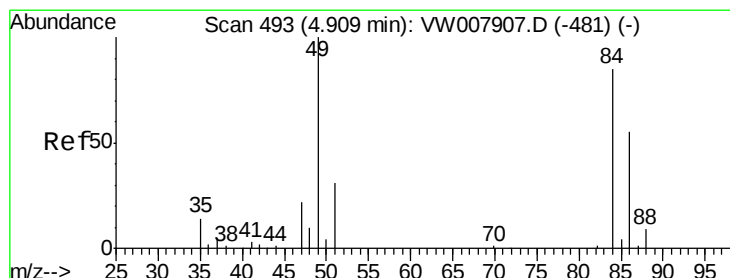
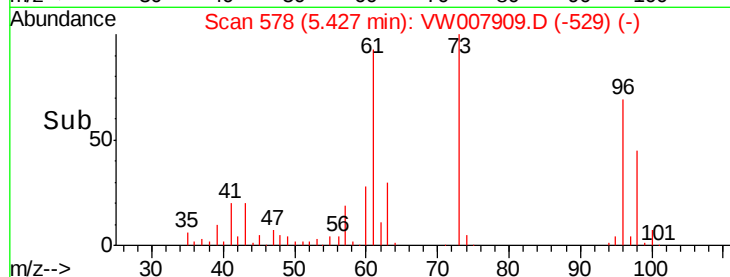
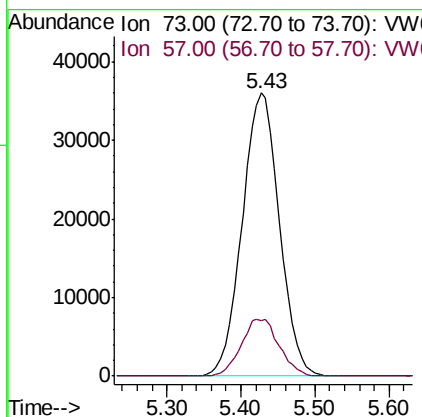
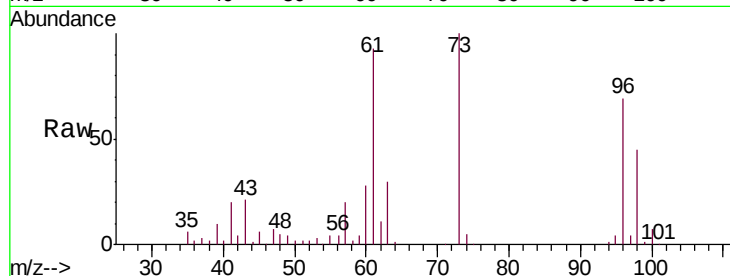


#19

Methyl tert-butyl Ether
 Concen: 111.054 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD1CC100

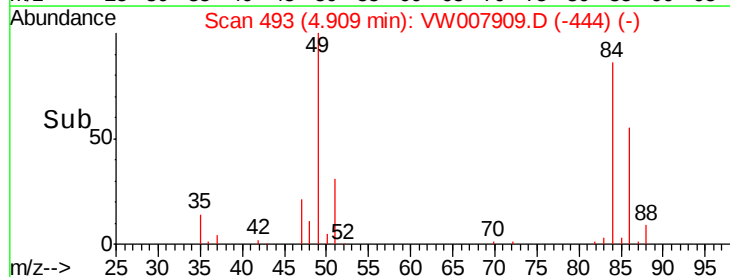
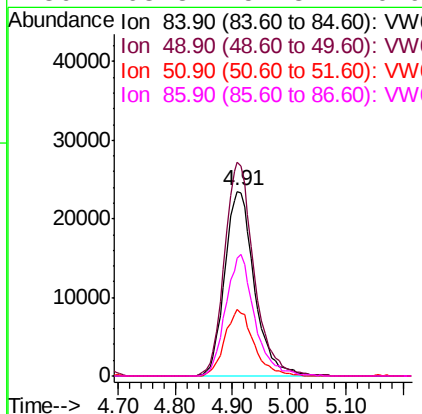
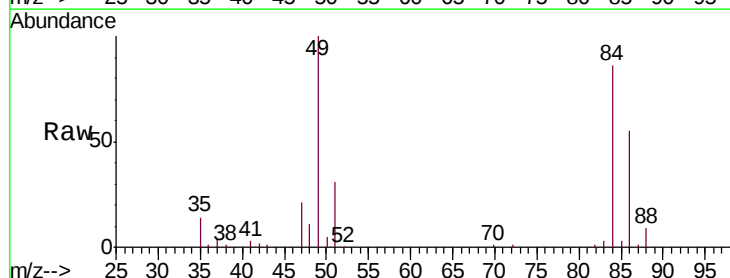
Tgt Ion: 73 Resp: 125887
 Ion Ratio Lower Upper
 73 100
 57 19.8 15.8 23.8

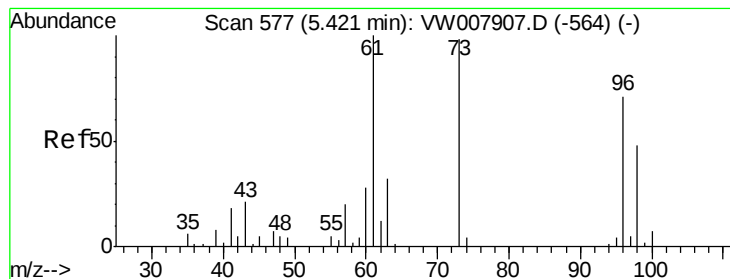


#20

Methylene Chloride
 Concen: 87.325 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Tgt Ion: 84 Resp: 85712
 Ion Ratio Lower Upper
 84 100
 49 115.7 94.0 141.0
 51 36.0 28.7 43.1
 86 63.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 96.727 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD1CC100

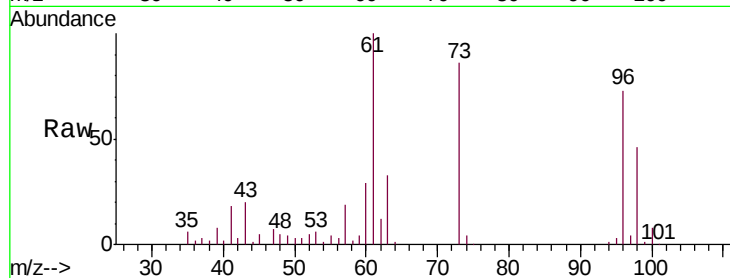
Tgt Ion: 96 Resp: 81244

Ion Ratio Lower Upper

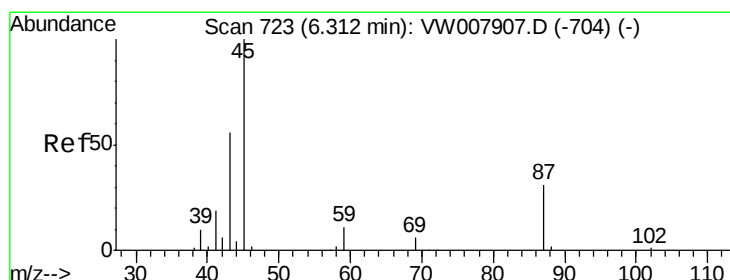
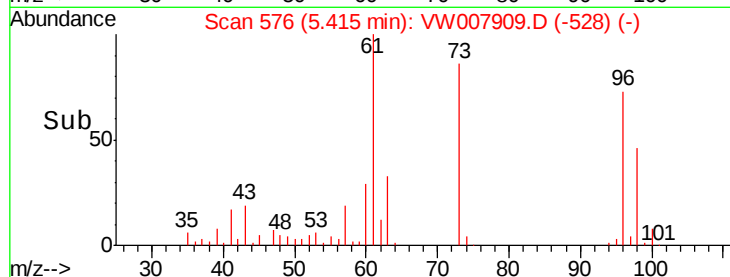
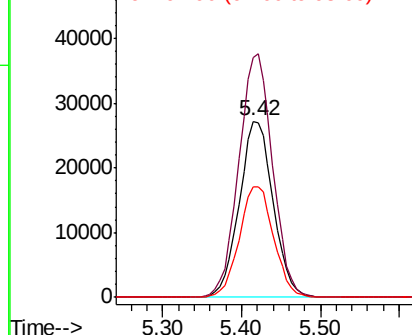
96 100

61 136.3 112.0 168.0

98 62.6 53.2 79.8



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: 114.977 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Tgt Ion: 45 Resp: 222803

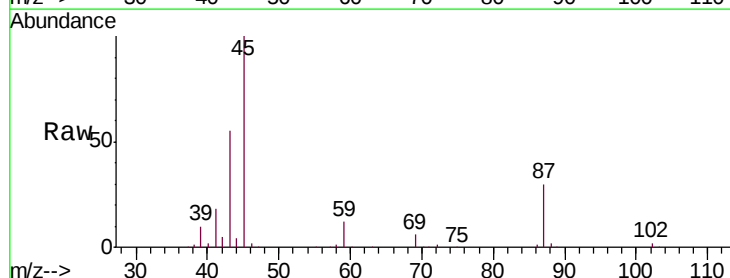
Ion Ratio Lower Upper

45 100

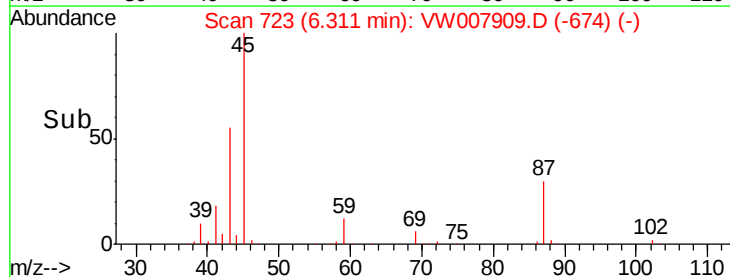
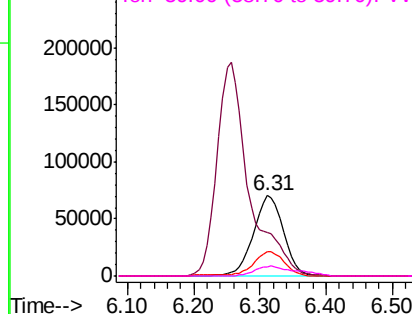
43 54.5 45.0 67.4

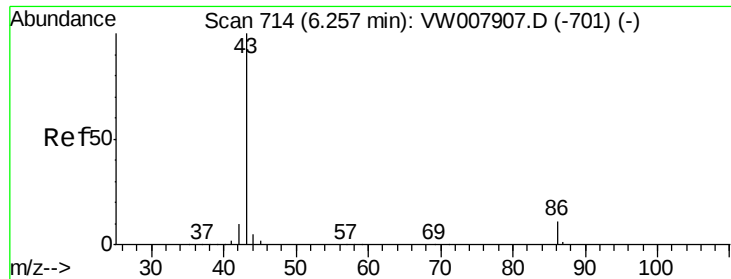
87 30.2 25.5 38.3

59 11.7 9.0 13.4



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: 553.103 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

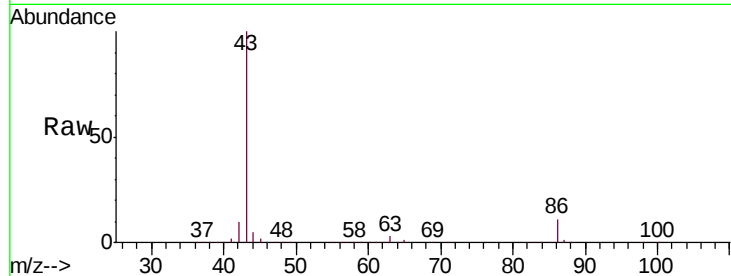
VSTD1CC100

Tgt Ion: 43 Resp: 630181

Ion Ratio Lower Upper

43 100

86 11.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

200000

150000

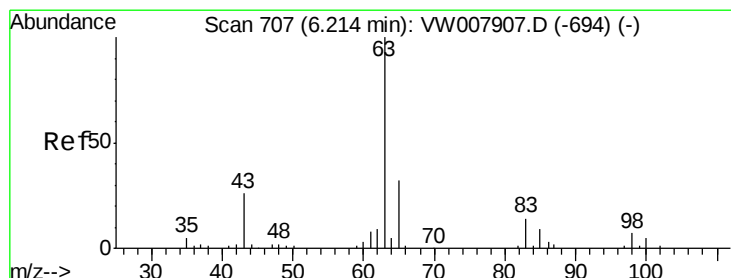
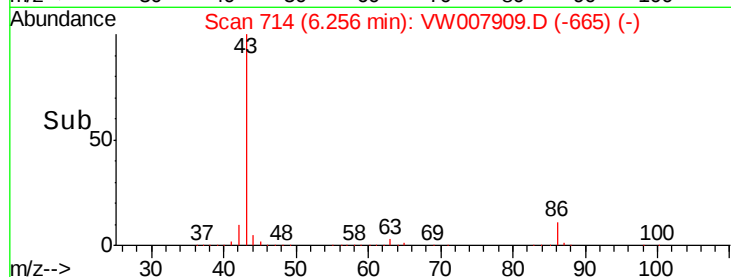
100000

50000

0

6.20 6.40

Time-->



#24

1,1-Dichloroethane

Concen: 103.378 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

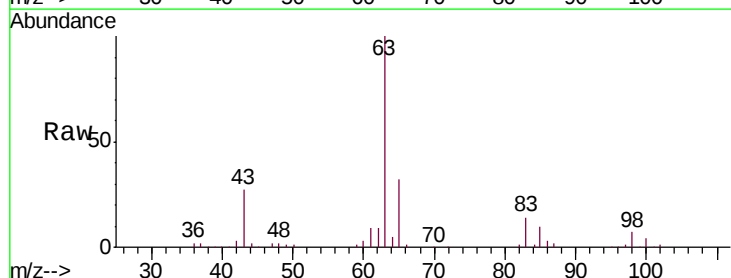
Tgt Ion: 63 Resp: 144634

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 4.3 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

60000

50000

40000

30000

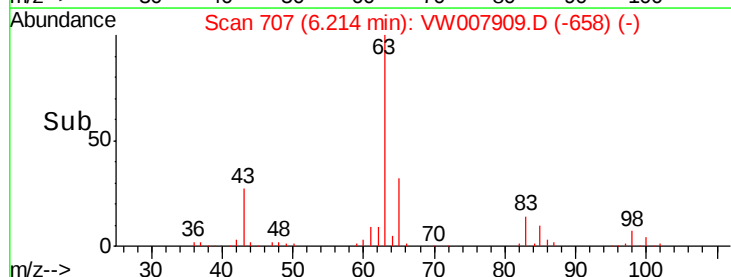
20000

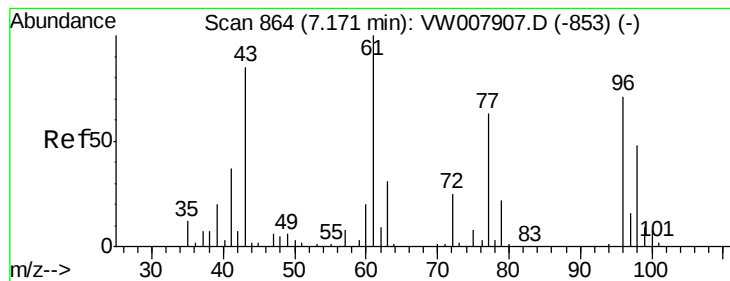
10000

0

6.10 6.20 6.30

Time-->





#25

2-Butanone

Concen: 518.647 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

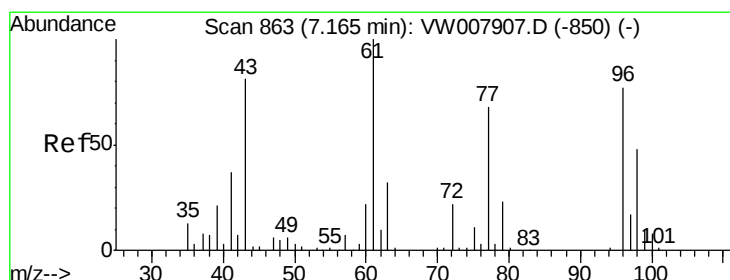
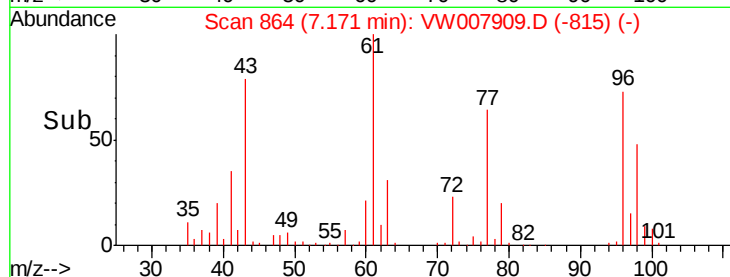
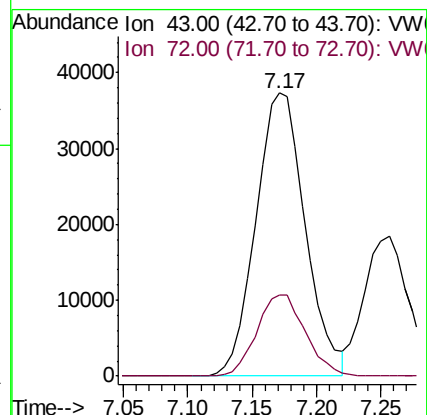
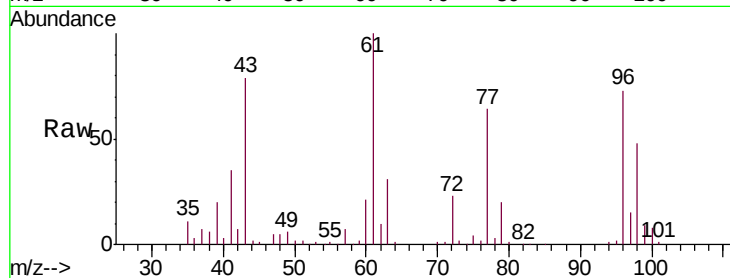
VSTD1CC100

Tgt Ion: 43 Resp: 99187

Ion Ratio Lower Upper

43 100

72 28.7 23.2 34.8



#26

2,2-Dichloropropane

Concen: 91.338 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007909.D

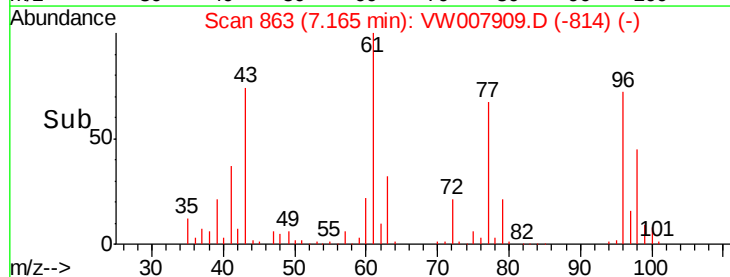
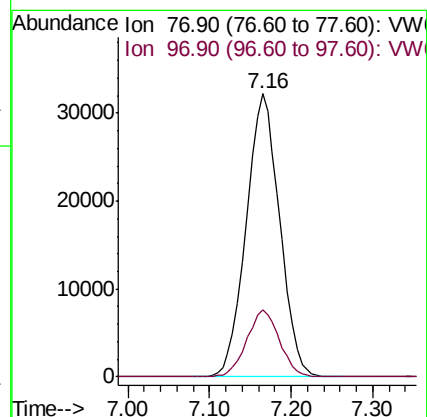
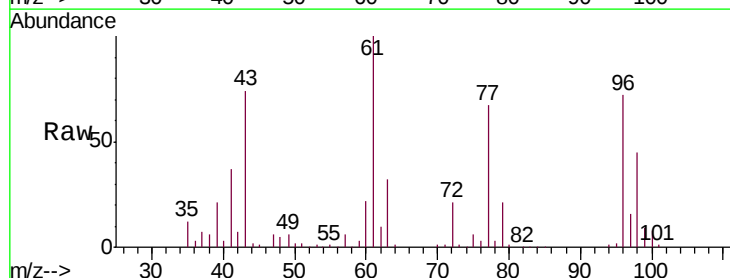
Acq: 25 Dec 2018 01:22

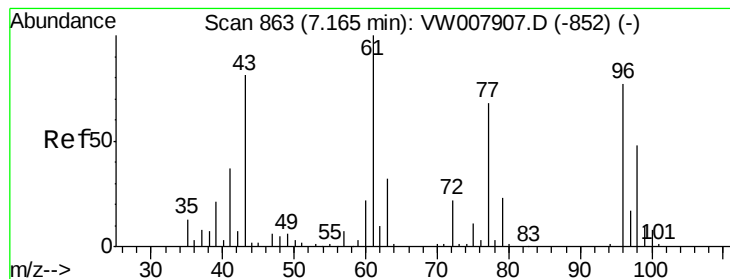
Tgt Ion: 77 Resp: 91771

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.4



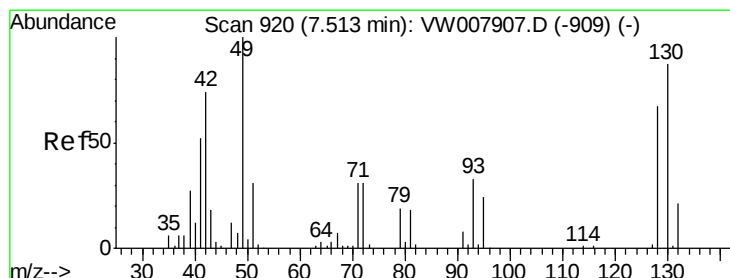
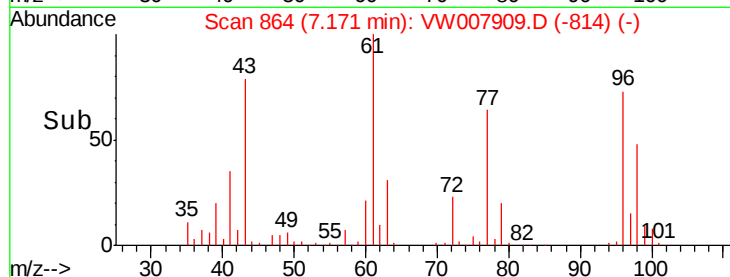
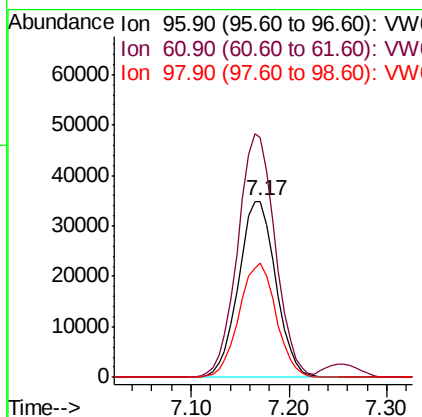
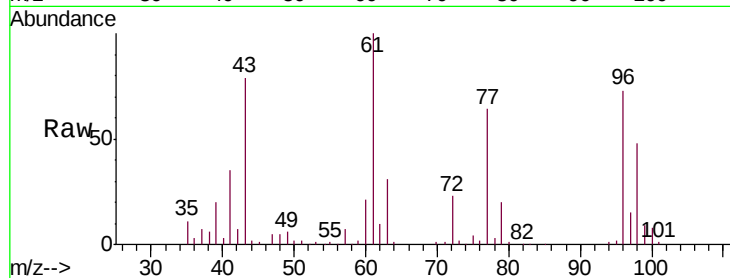


#27

cis-1,2-Dichloroethene
 Concen: 102.176 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD1CC100

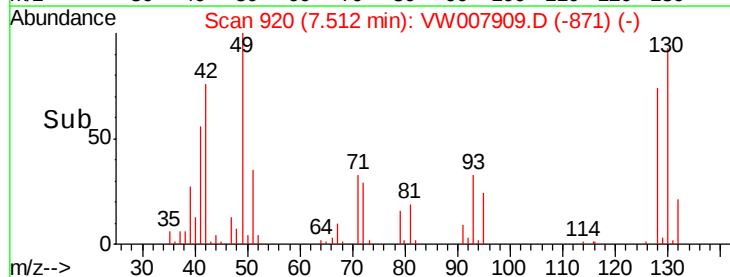
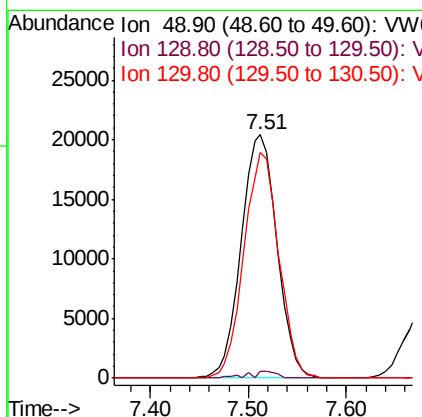
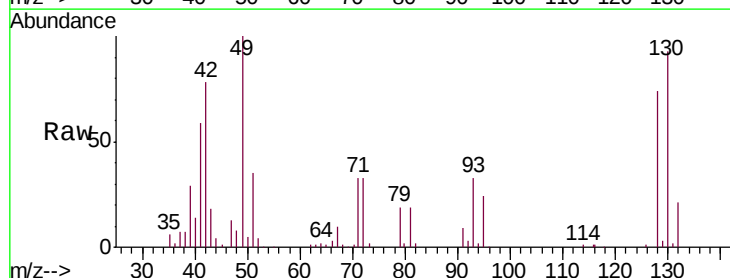
Tgt Ion: 96 Resp: 92140
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 279.4
 98 64.4 0.0 126.8

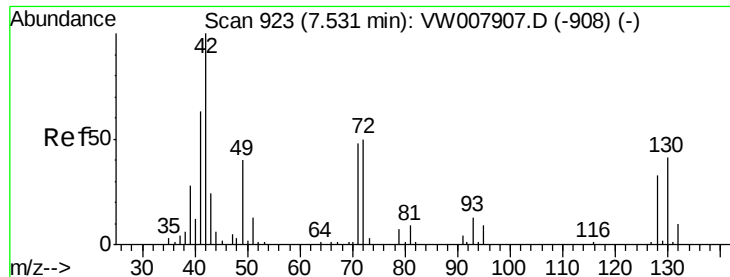


#28

Bromochloromethane
 Concen: 108.142 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Tgt Ion: 49 Resp: 51945
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 1.4#
 130 89.7 70.7 106.1





#29

Tetrahydrofuran

Concen: 574.835 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD1CC100

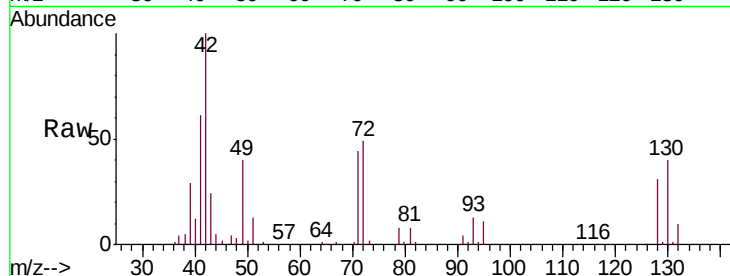
Tgt Ion: 42 Resp: 66420

Ion Ratio Lower Upper

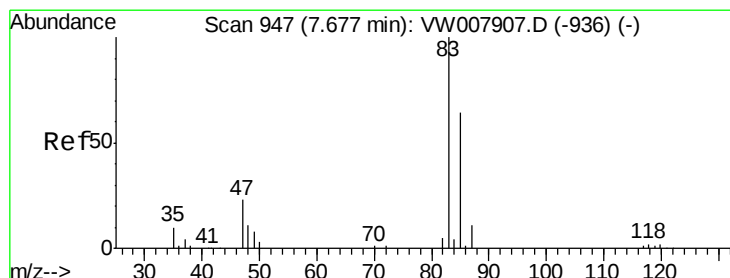
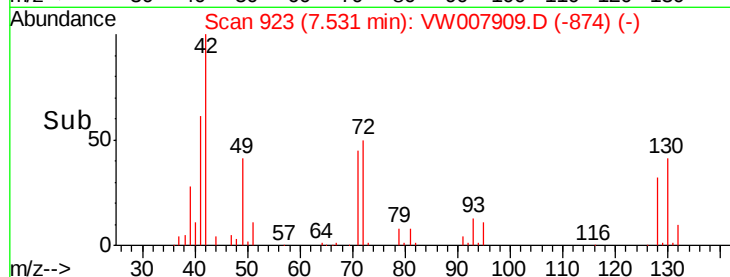
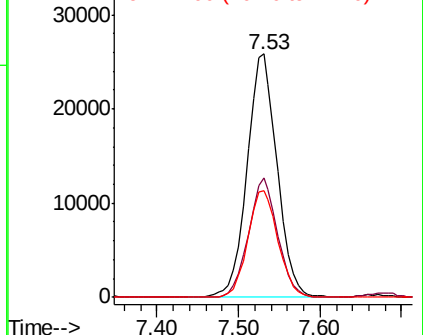
42 100

72 47.5 37.8 56.8

71 44.1 35.8 53.6



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 100.799 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW007909.D

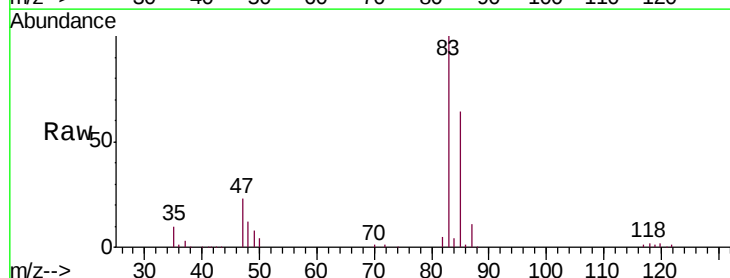
Acq: 25 Dec 2018 01:22

Tgt Ion: 83 Resp: 157833

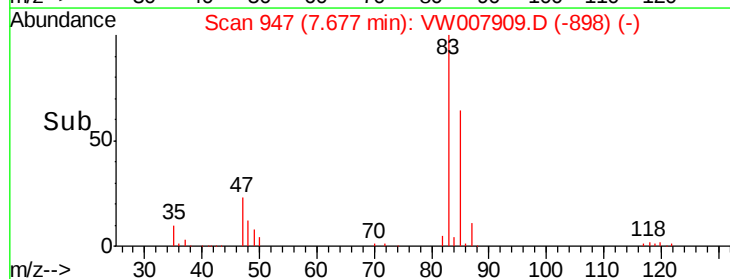
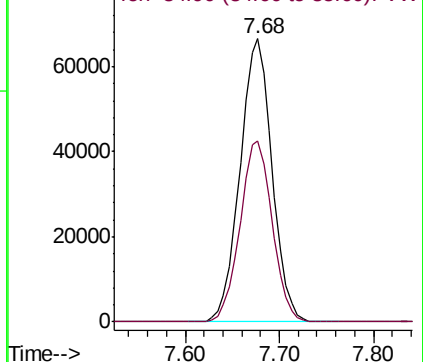
Ion Ratio Lower Upper

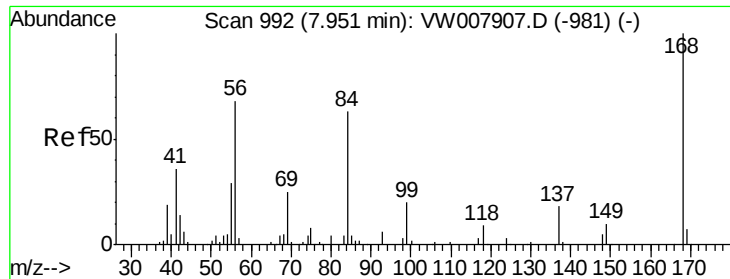
83 100

85 64.0 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

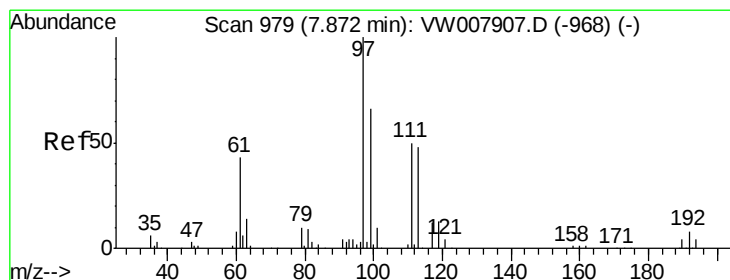
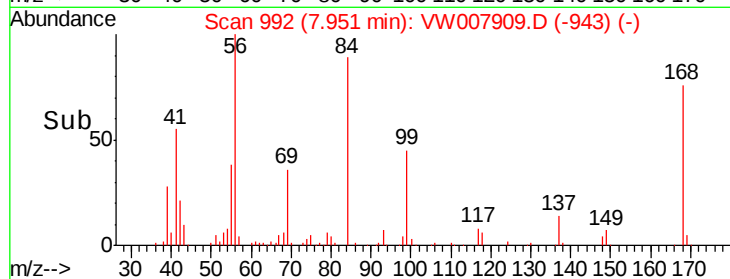
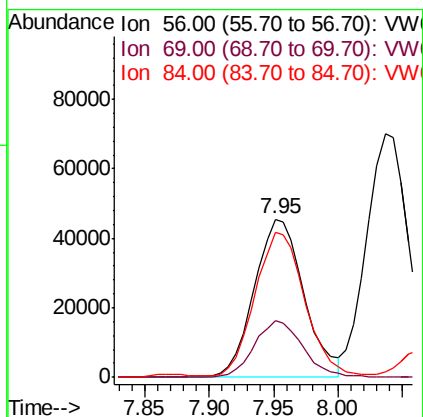
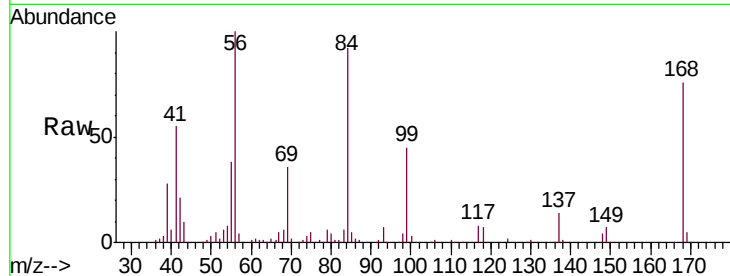




#31
Cyclohexane
Concen: 95.656 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

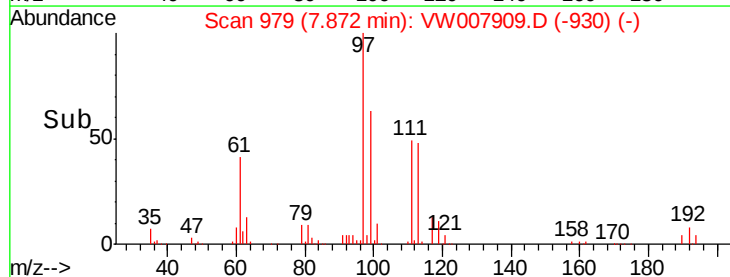
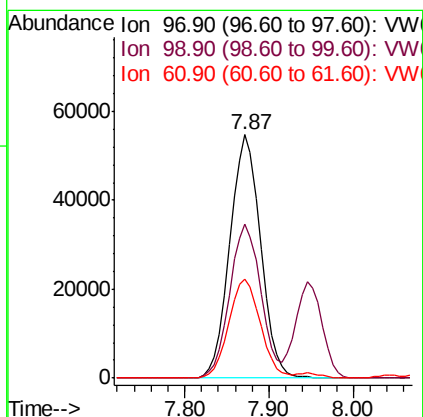
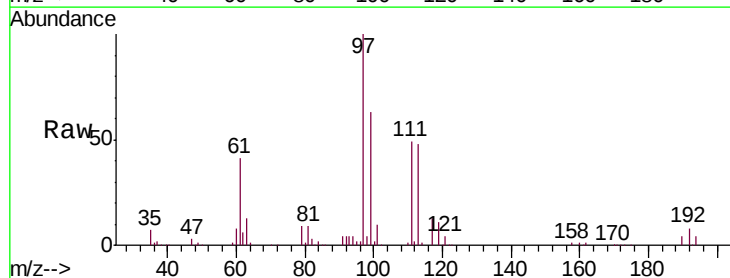
Instrument :
MSVOA_W
ClientSampleId :
VSTD1CC100

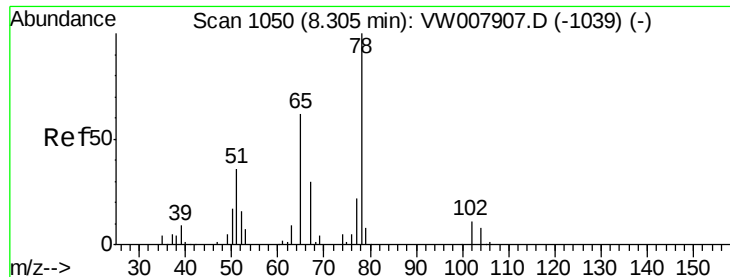
Tgt Ion: 56 Resp: 121818
Ion Ratio Lower Upper
56 100
69 35.7 29.9 44.9
84 90.7 74.5 111.7



#32
1,1,1-Trichloroethane
Concen: 95.814 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

Tgt Ion: 97 Resp: 135491
Ion Ratio Lower Upper
97 100
99 64.3 52.7 79.1
61 41.6 33.3 49.9

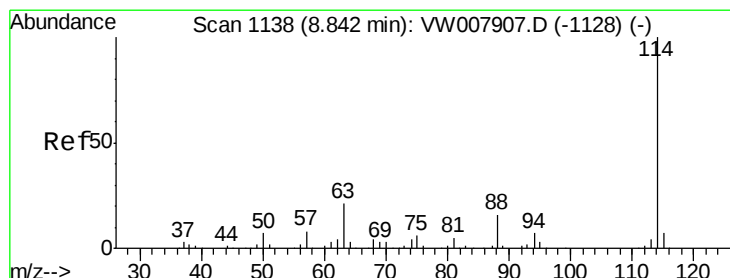
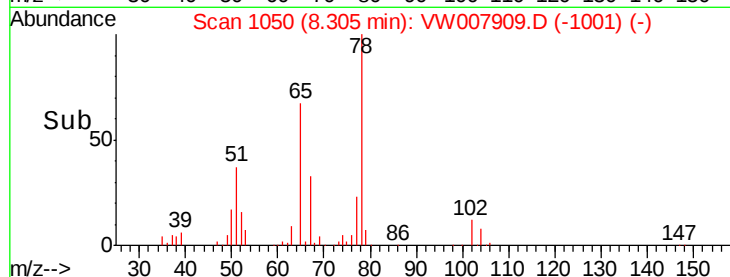
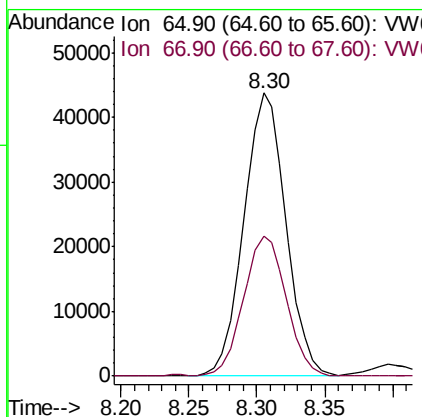
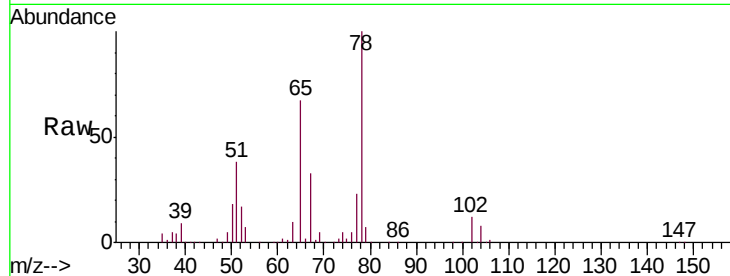




#33
 1,2-Dichloroethane-d4
 Concen: 109.050 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

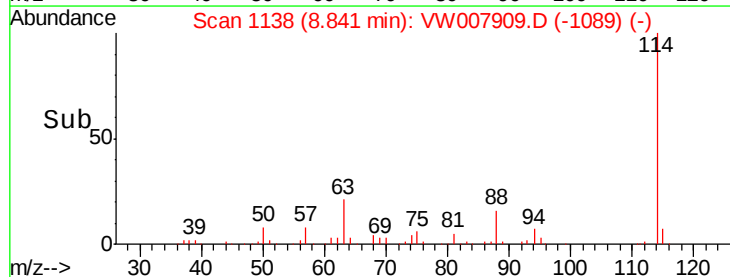
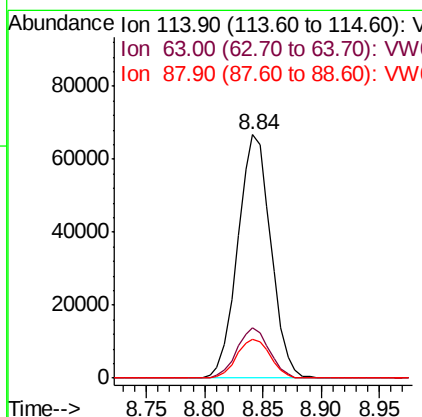
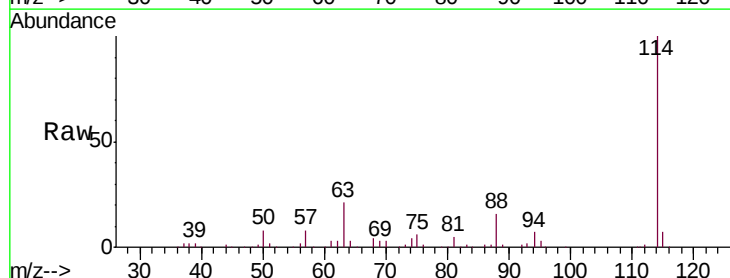
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD1CC100

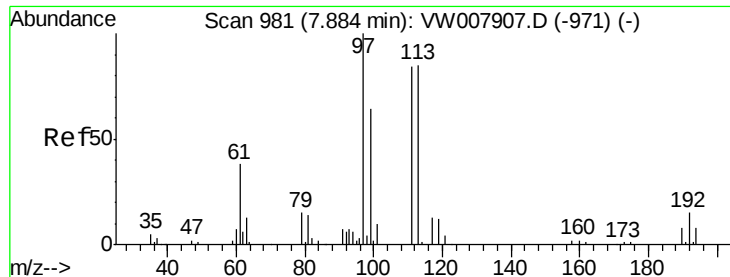
Tgt Ion: 65 Resp: 94233
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Tgt Ion: 114 Resp: 131954
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 15.8 0.0 32.4

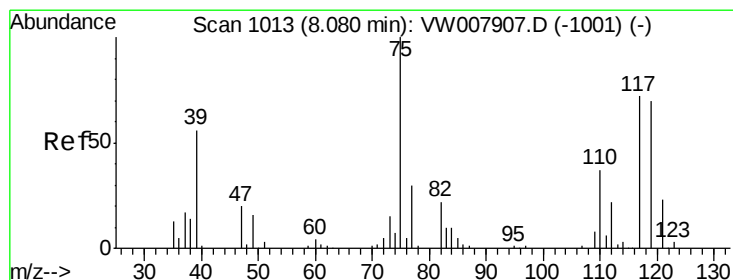
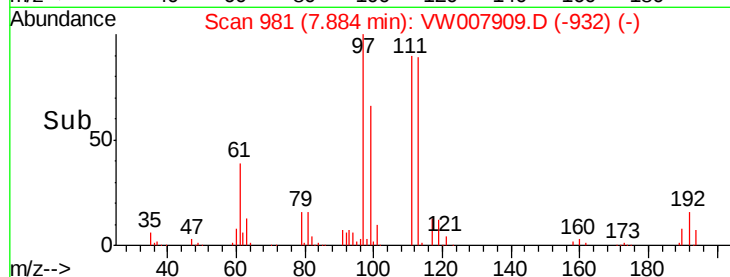
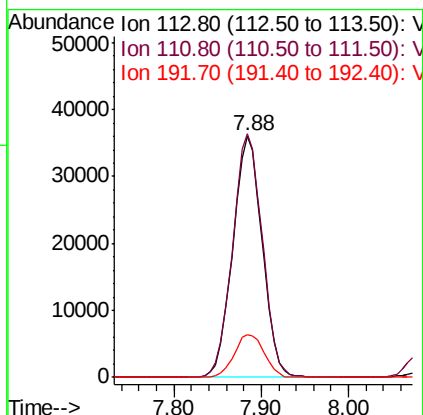
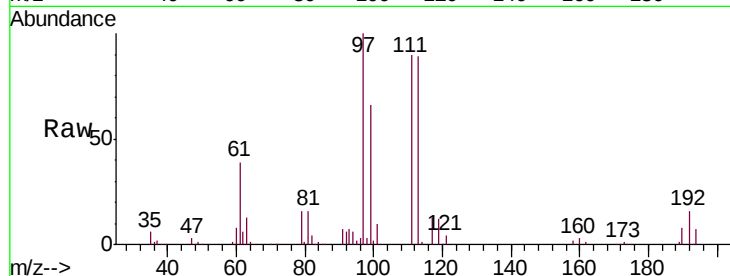




#35
 Dibromofluoromethane
 Concen: 103.684 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

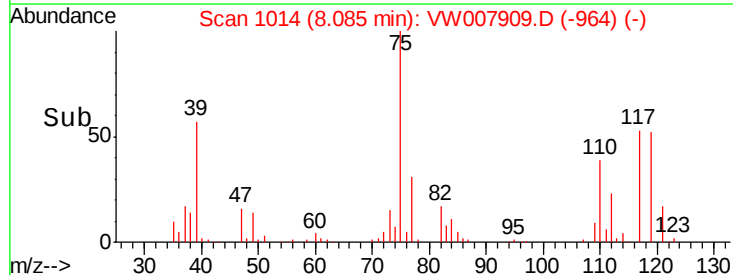
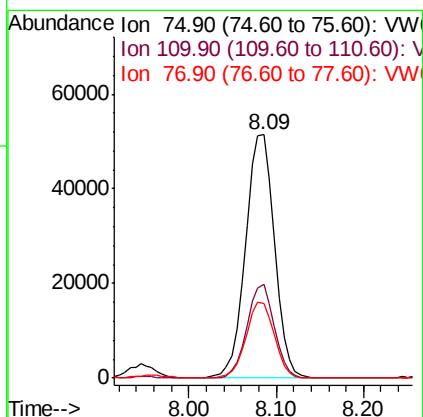
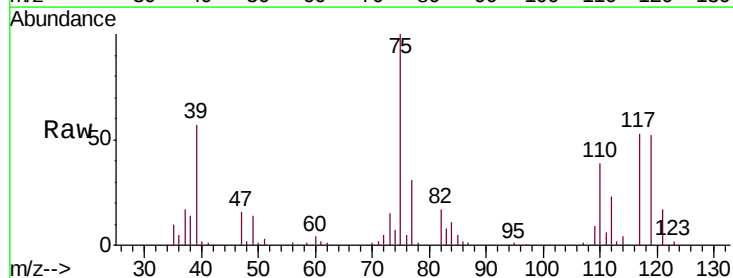
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD1CC100

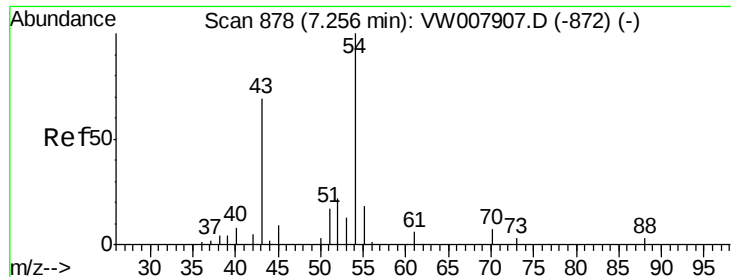
Tgt Ion: 113 Resp: 84171
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.9 122.9
 192 18.1 14.9 22.3



#36
 1,1-Dichloropropene
 Concen: 93.115 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Tgt Ion: 75 Resp: 118221
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.2 54.6
 77 30.7 25.0 37.4

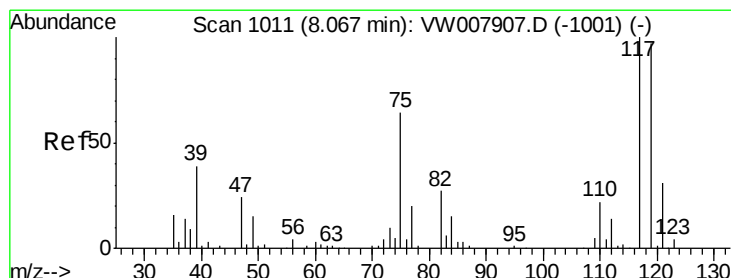
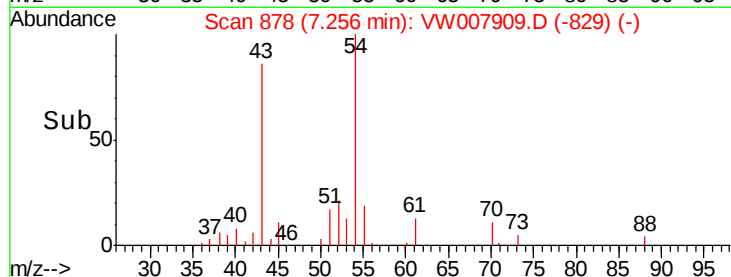
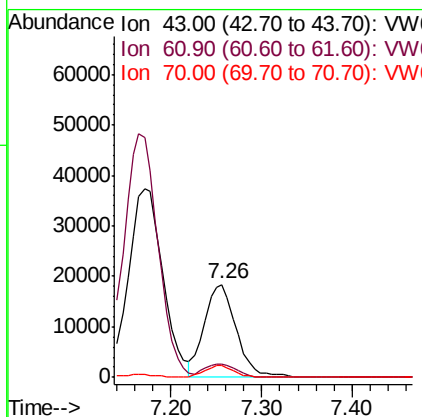
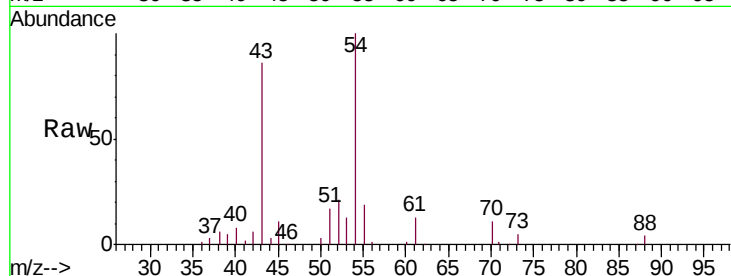




#37
Ethyl Acetate
Concen: 101.087 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

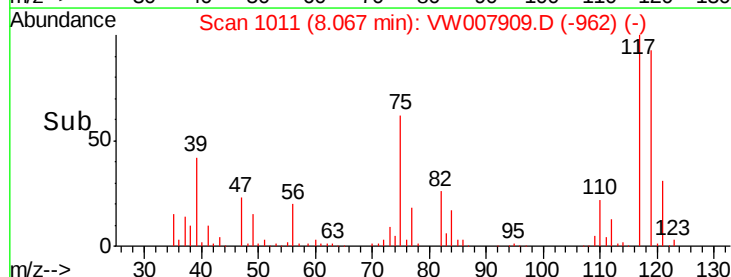
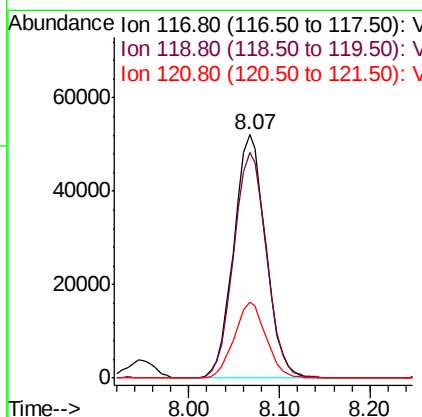
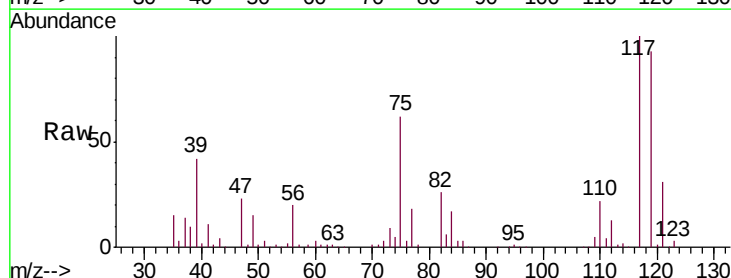
Instrument :
MSVOA_W
ClientSampleId :
VSTD1CC100

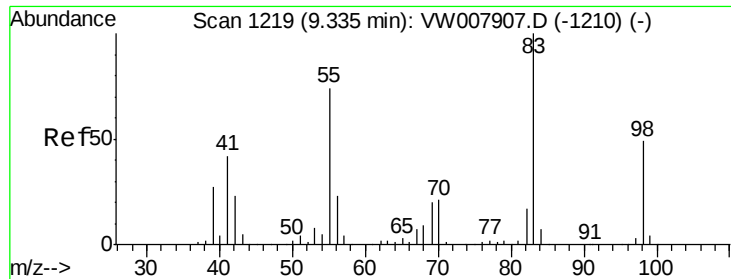
Tgt Ion: 43 Resp: 45545
Ion Ratio Lower Upper
43 100
61 14.3 10.6 16.0
70 11.9 9.0 13.4



#38
Carbon Tetrachloride
Concen: 86.944 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

Tgt Ion: 117 Resp: 127805
Ion Ratio Lower Upper
117 100
119 92.9 77.3 115.9
121 31.4 24.5 36.7

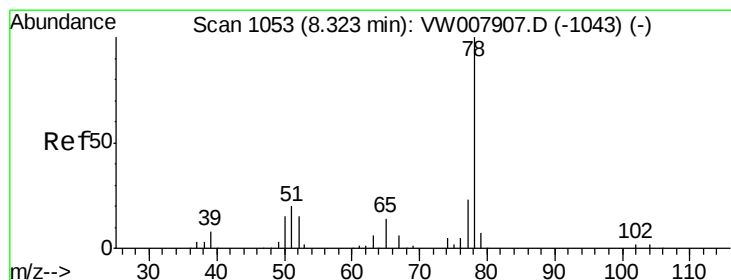
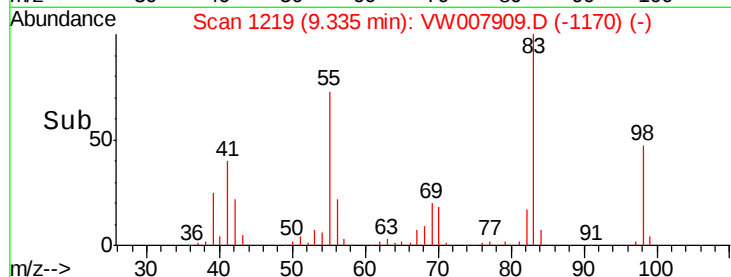
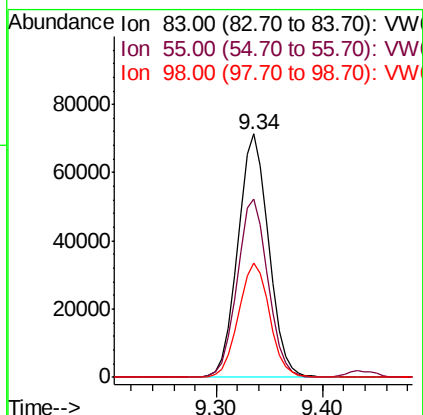
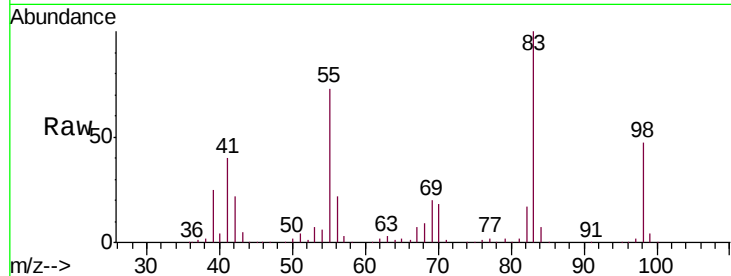




#39
Methylcyclohexane
Concen: 92.059 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

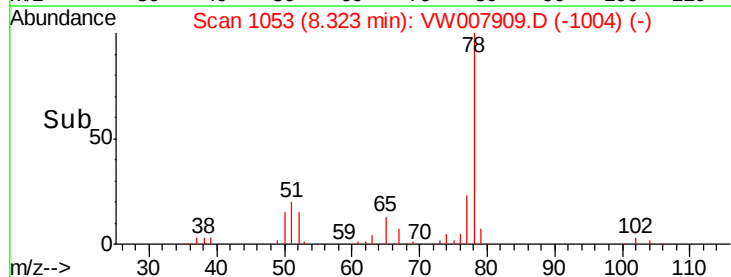
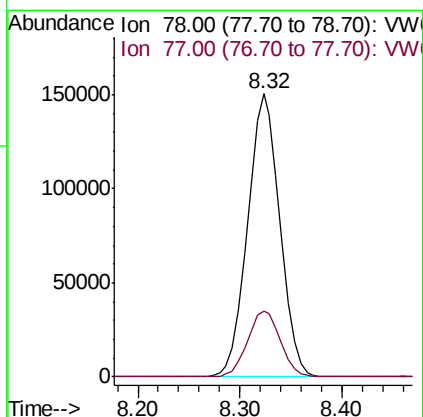
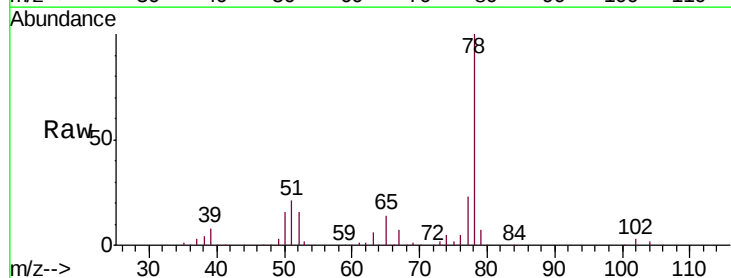
Instrument :
MSVOA_W
ClientSampleId :
VSTD1CC100

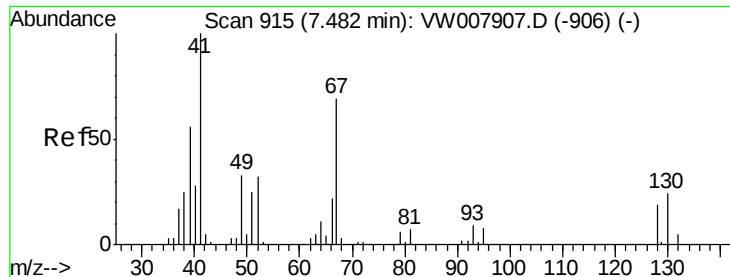
Tgt Ion: 83 Resp: 145429
Ion Ratio Lower Upper
83 100
55 73.3 59.1 88.7
98 47.1 39.2 58.8



#40
Benzene
Concen: 96.385 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

Tgt Ion: 78 Resp: 329552
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0





#41

Methacrylonitrile

Concen: 105.633 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :
MSVOA_W
ClientSampleId :
VSTD1CC100

Tgt Ion: 41 Resp: 27874

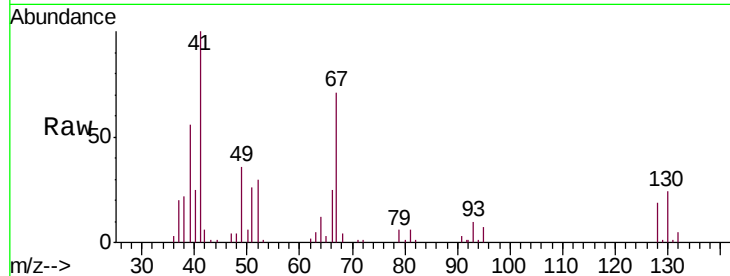
Ion Ratio Lower Upper

41 100

39 63.0 45.0 67.4

67 76.2 53.9 80.9

52 31.1 23.2 34.8



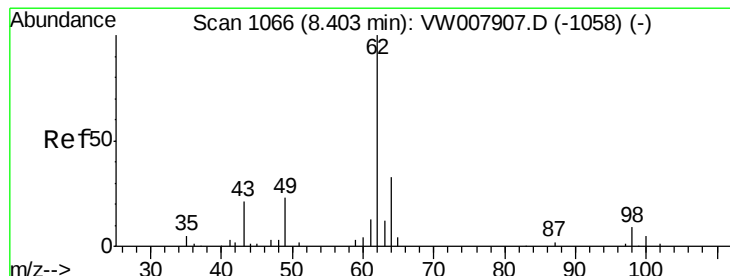
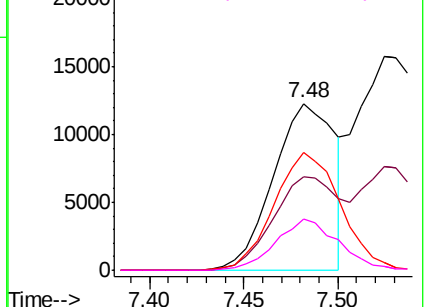
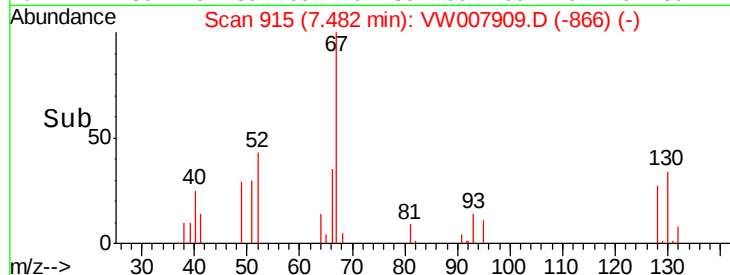
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 95.845 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW007909.D

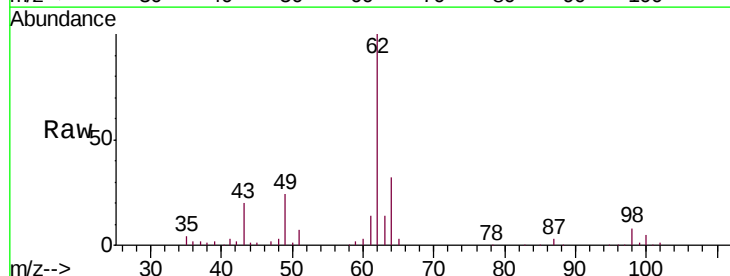
Acq: 25 Dec 2018 01:22

Tgt Ion: 62 Resp: 109436

Ion Ratio Lower Upper

62 100

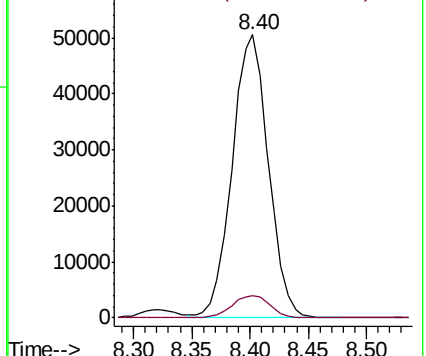
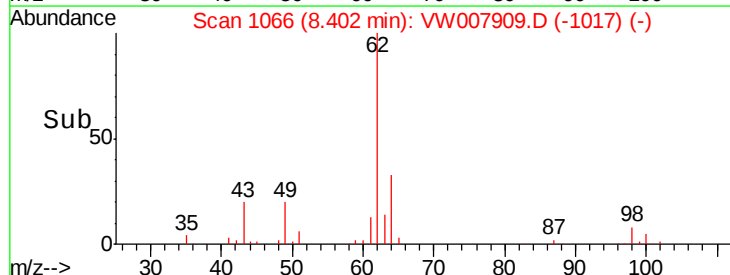
98 8.3 0.0 17.0

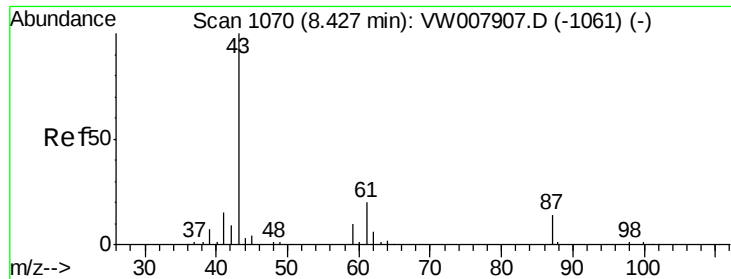


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 107.030 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD1CC100

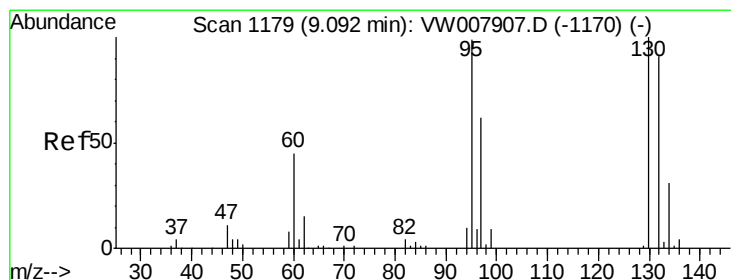
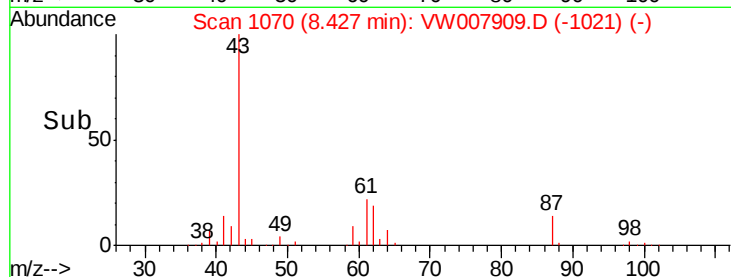
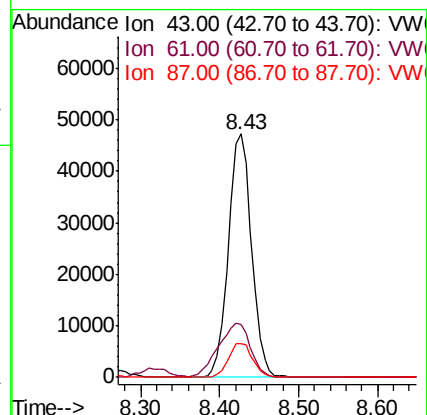
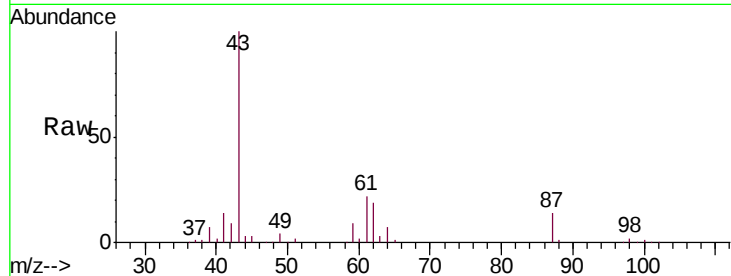
Tgt Ion: 43 Resp: 96769

Ion Ratio Lower Upper

43 100

61 30.6 24.2 36.2

87 14.5 11.2 16.8



#44

Trichloroethene

Concen: 91.169 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007909.D

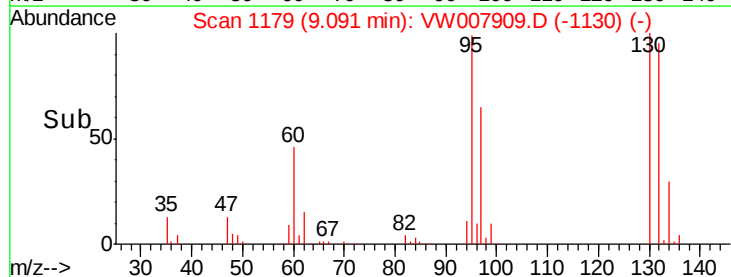
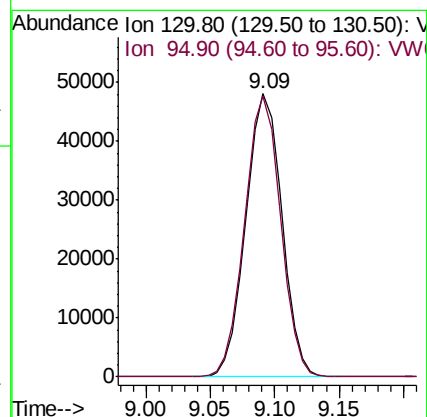
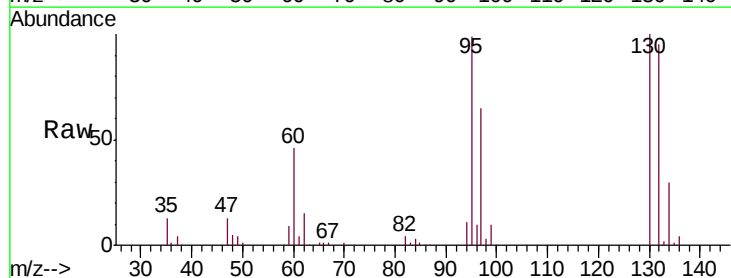
Acq: 25 Dec 2018 01:22

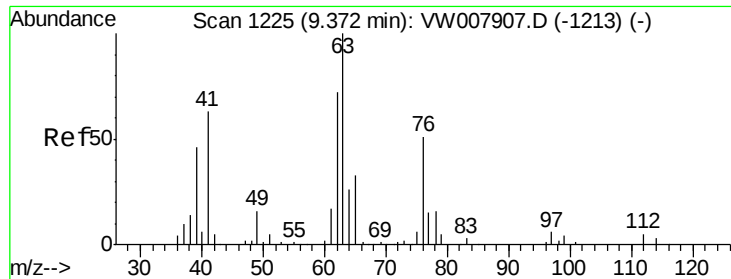
Tgt Ion: 130 Resp: 93217

Ion Ratio Lower Upper

130 100

95 99.2 0.0 197.4

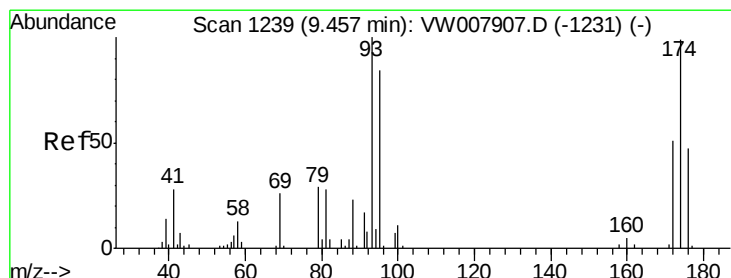
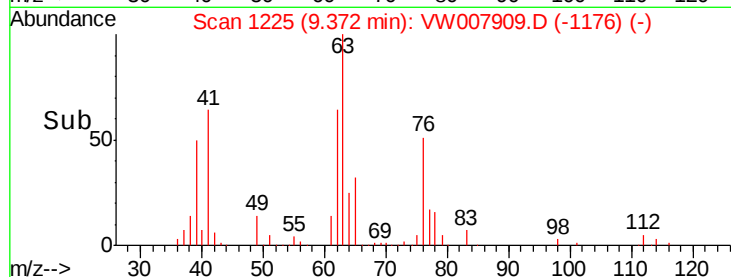
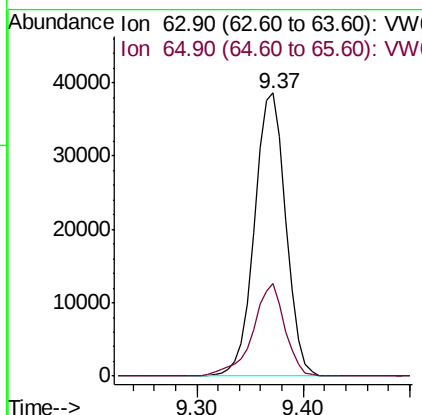
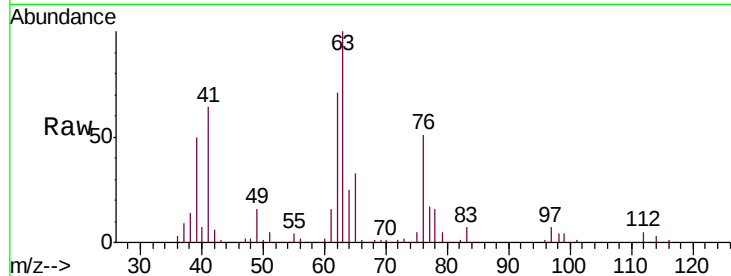




#45
 1,2-Dichloropropane
 Concen: 104.137 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

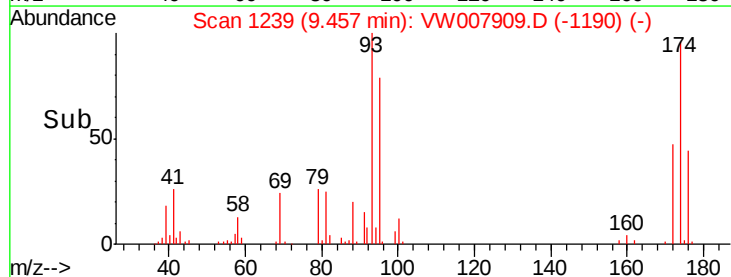
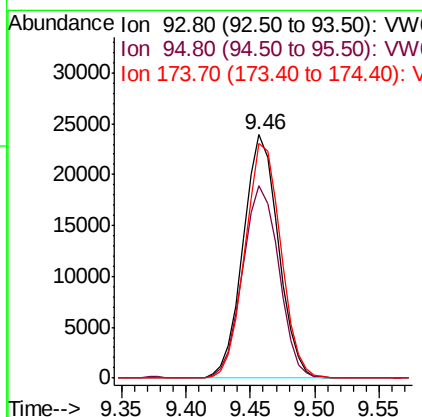
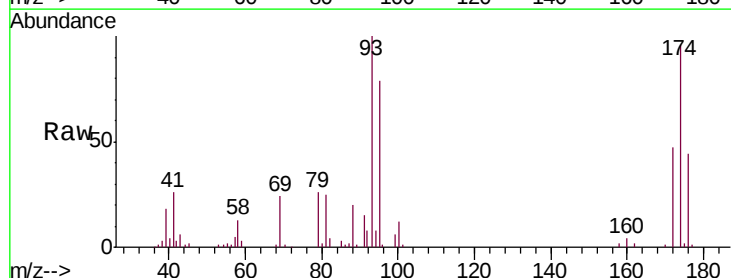
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD1CC100

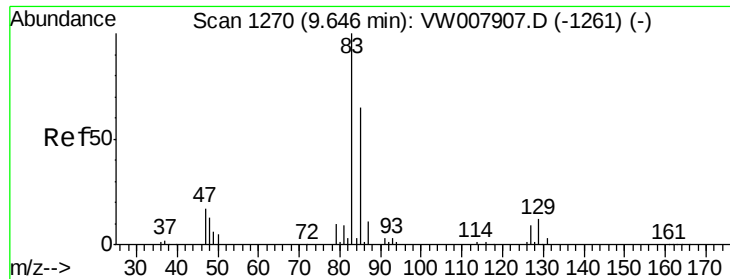
Tgt Ion: 63 Resp: 79760
 Ion Ratio Lower Upper
 63 100
 65 32.7 26.4 39.6



#46
 Dibromomethane
 Concen: 97.466 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Tgt Ion: 93 Resp: 45274
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.6 100.0
 174 97.8 81.0 121.4





#47

Bromodichloromethane

Concen: 95.577 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD1CC100

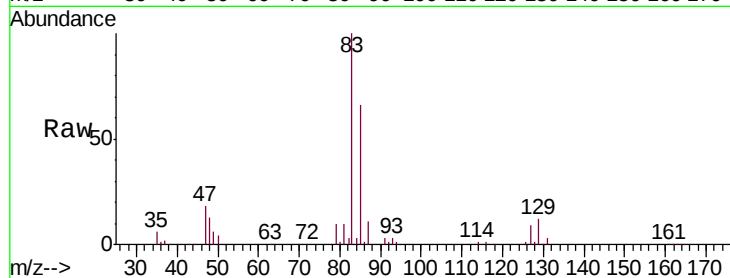
Tgt Ion: 83 Resp: 116587

Ion Ratio Lower Upper

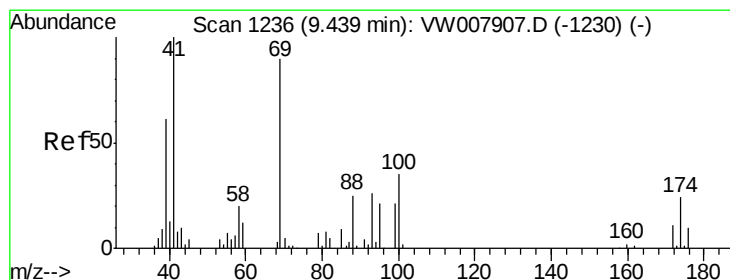
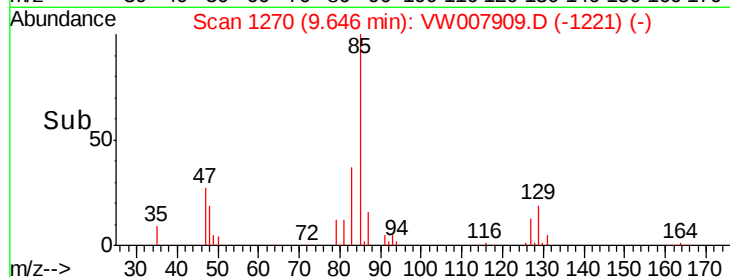
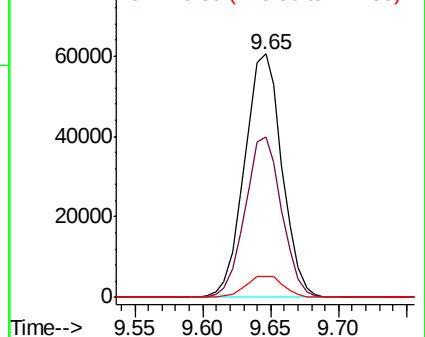
83 100

85 65.9 52.2 78.4

127 8.8 6.8 10.2



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



#48

Methyl methacrylate

Concen: 109.042 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

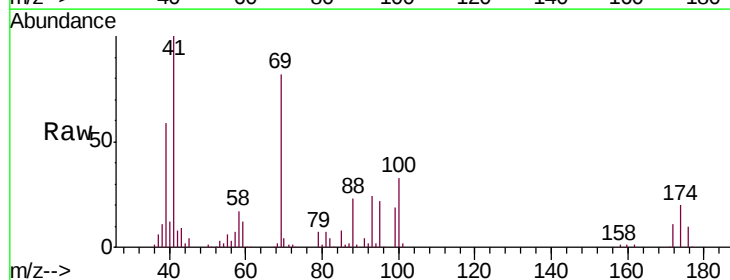
Tgt Ion: 41 Resp: 49368

Ion Ratio Lower Upper

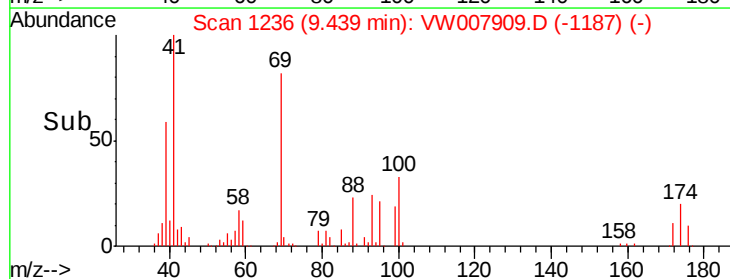
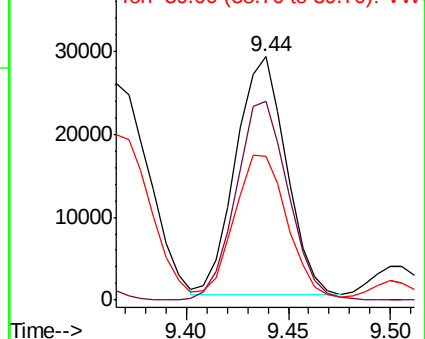
41 100

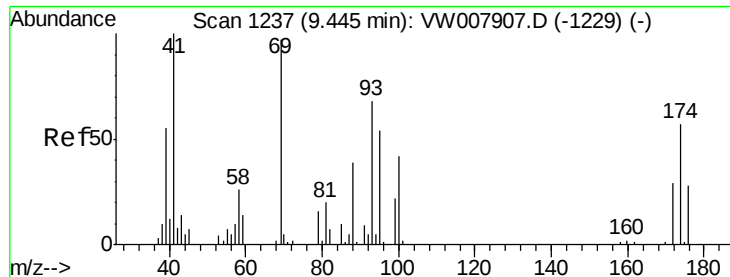
69 87.0 70.4 105.6

39 65.2 51.7 77.5



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

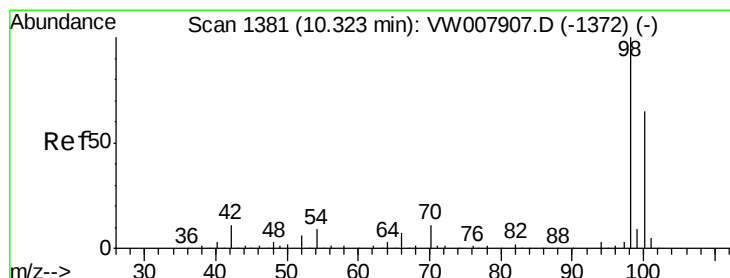
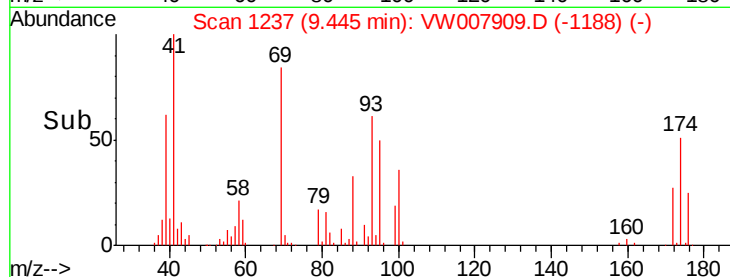
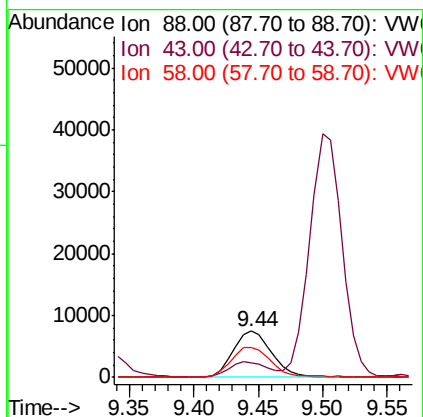
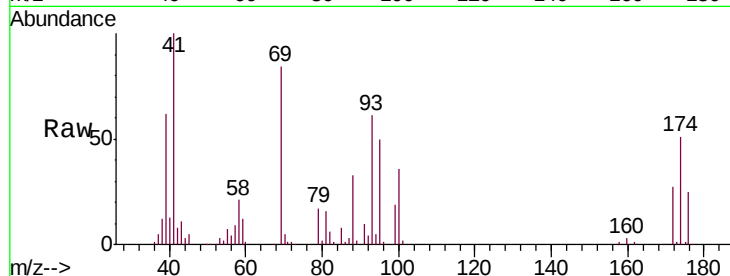




#49
 1,4-Dioxane
 Concen: 2084.274 ug/l
 RT: 9.44 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

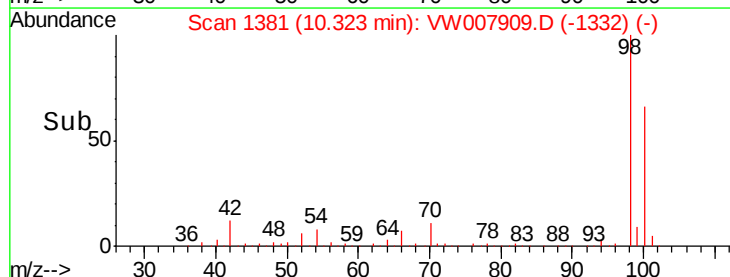
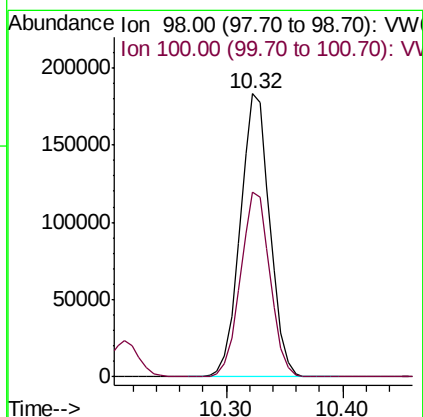
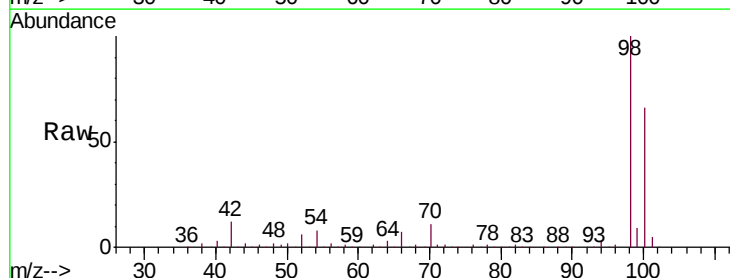
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD1CC100

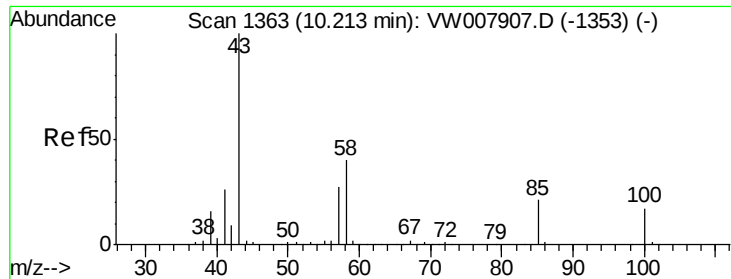
Tgt Ion: 88 Resp: 15498
 Ion Ratio Lower Upper
 88 100
 43 36.0 30.9 46.3
 58 68.2 55.4 83.0



#50
 Toluene-d8
 Concen: 105.154 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Tgt Ion: 98 Resp: 322614
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.6 78.8

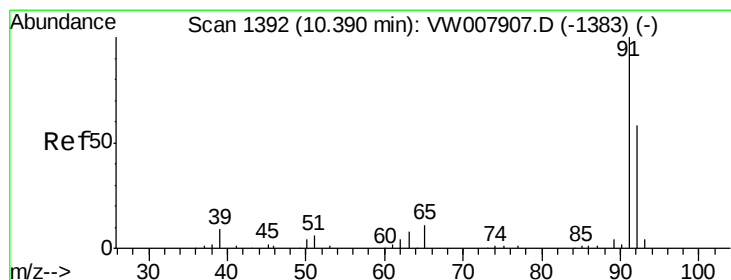
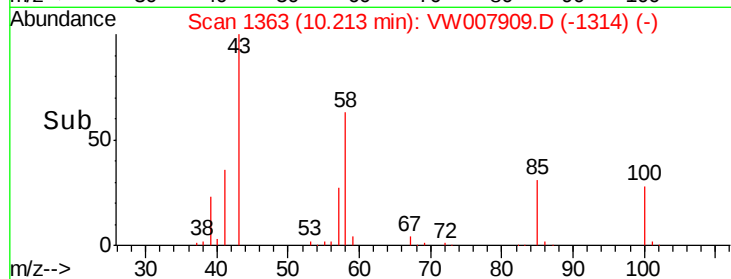
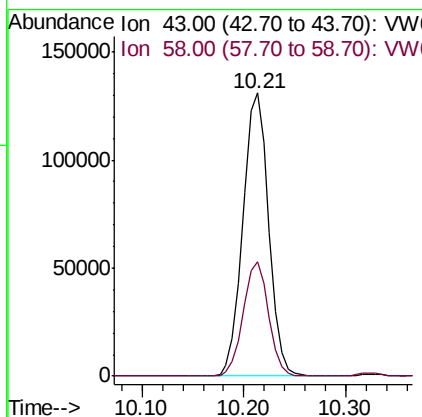
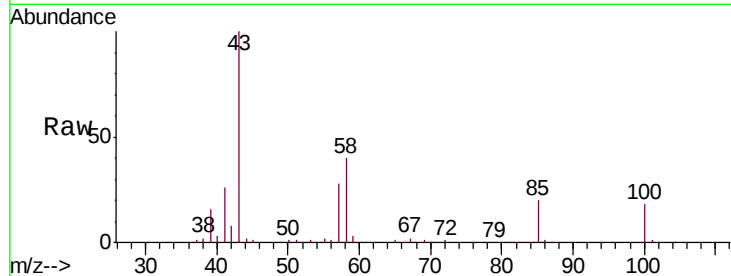




#51
4-Methyl-2-Pentanone
Concen: 533.331 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

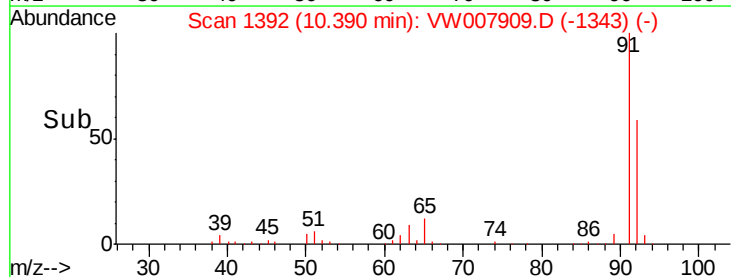
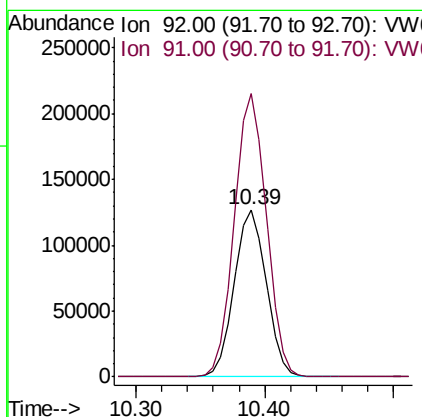
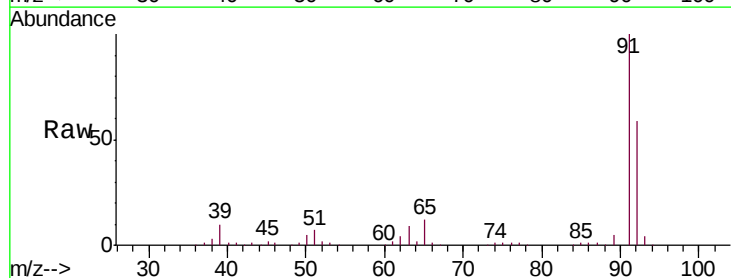
Instrument :
MSVOA_W
ClientSampleId :
VSTD1CC100

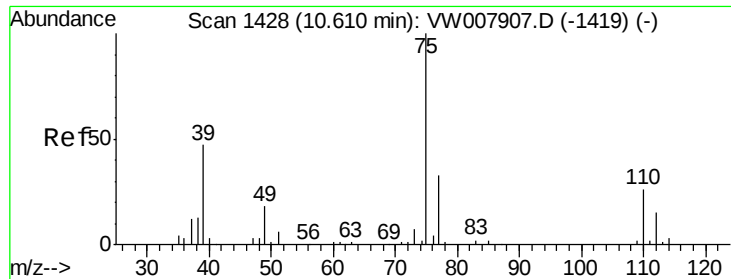
Tgt Ion: 43 Resp: 229306
Ion Ratio Lower Upper
43 100
58 39.9 31.6 47.4



#52
Toluene
Concen: 95.962 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

Tgt Ion: 92 Resp: 219457
Ion Ratio Lower Upper
92 100
91 169.8 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 98.704 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

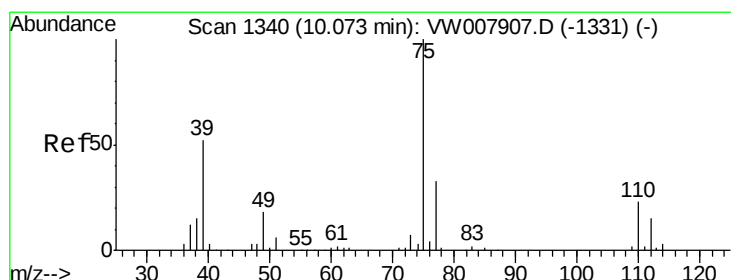
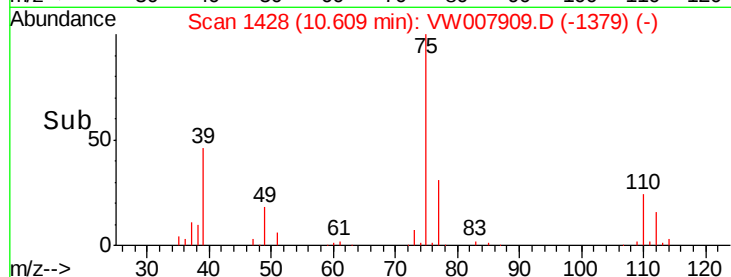
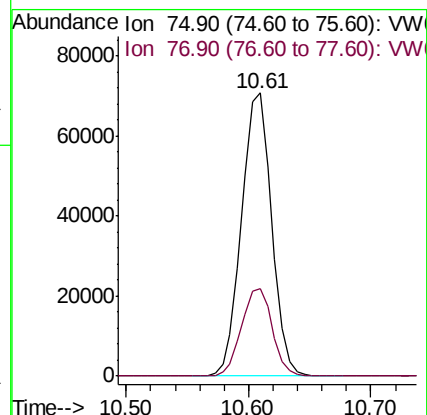
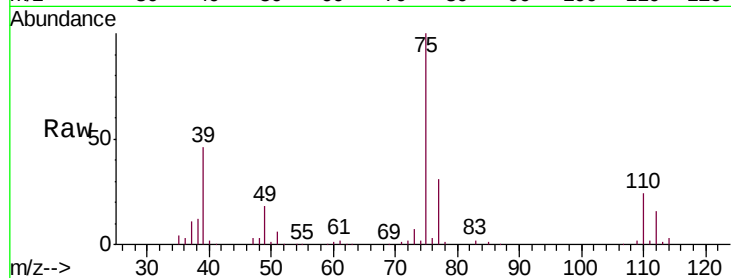
VSTD1CC100

Tgt Ion: 75 Resp: 120544

Ion Ratio Lower Upper

75 100

77 31.1 26.4 39.6



#54

cis-1,3-Dichloropropene

Concen: 99.251 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

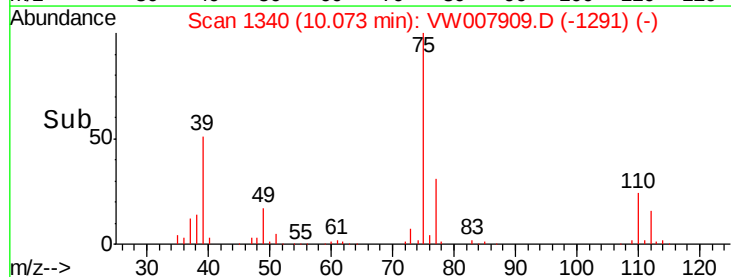
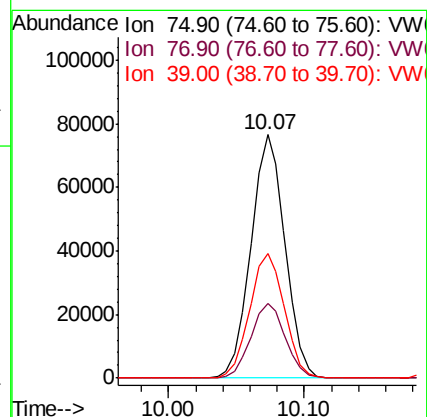
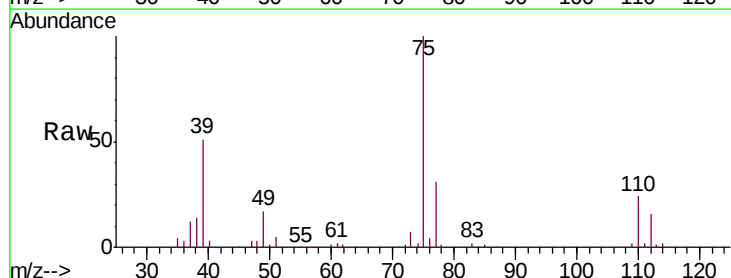
Tgt Ion: 75 Resp: 133888

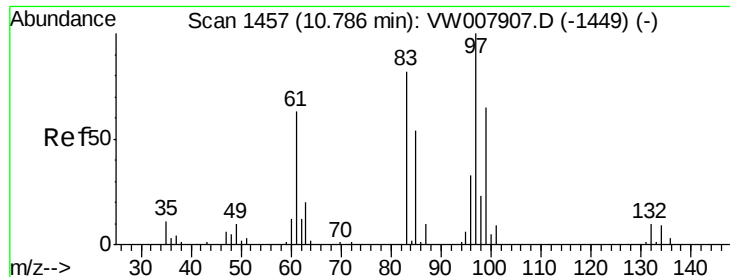
Ion Ratio Lower Upper

75 100

77 30.8 26.2 39.2

39 51.3 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 97.815 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD1CC100

Tgt Ion: 97 Resp: 63288

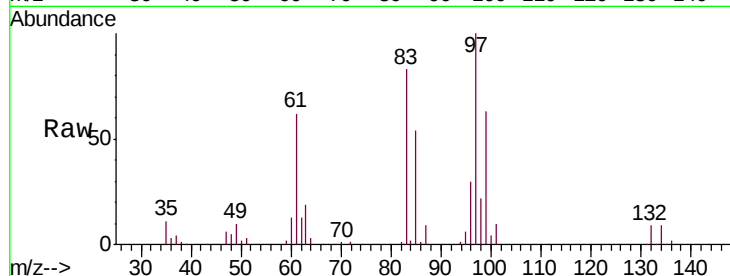
Ion Ratio Lower Upper

97 100

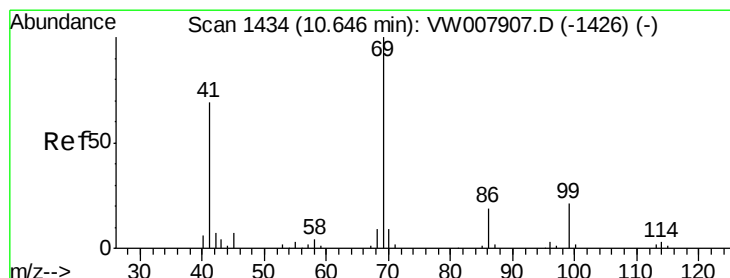
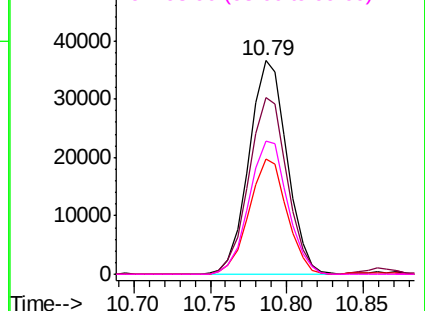
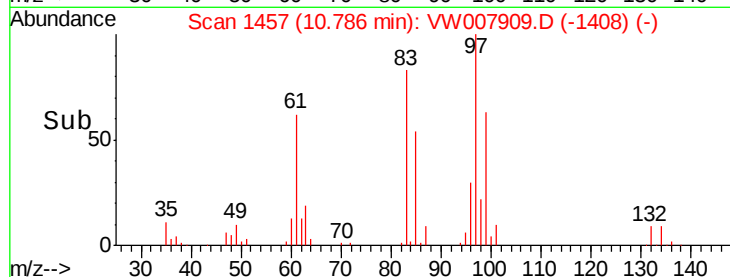
83 82.6 65.8 98.6

85 54.1 43.5 65.3

99 62.5 51.8 77.6



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: 106.427 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

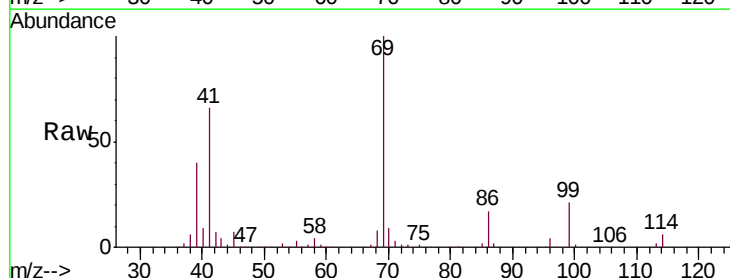
Tgt Ion: 69 Resp: 81609

Ion Ratio Lower Upper

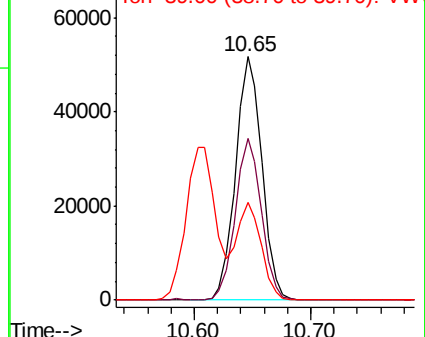
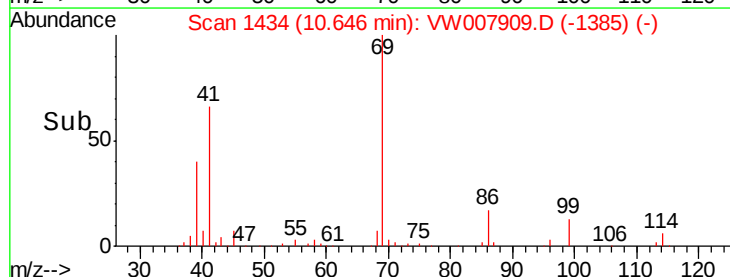
69 100

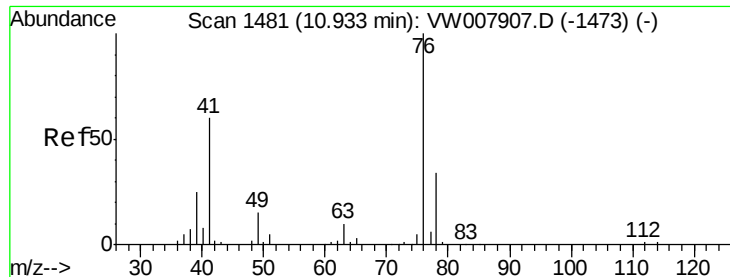
41 66.1 54.0 81.0

39 38.0 31.1 46.7



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

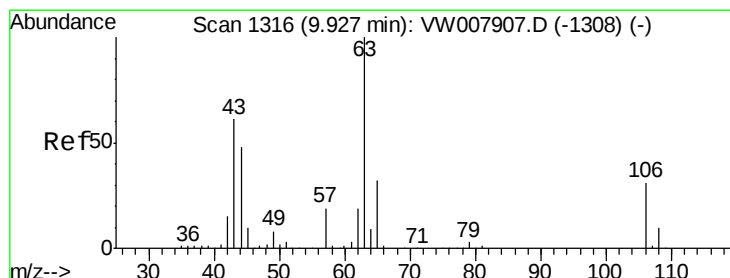
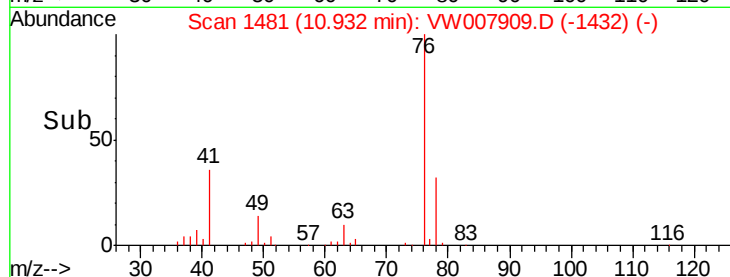
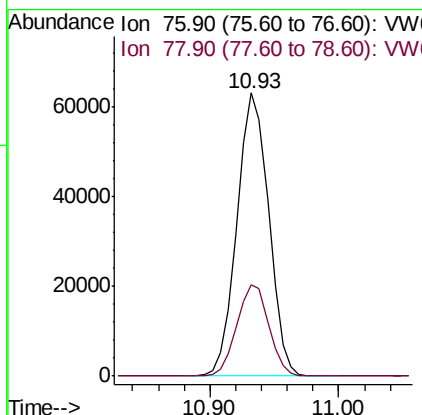
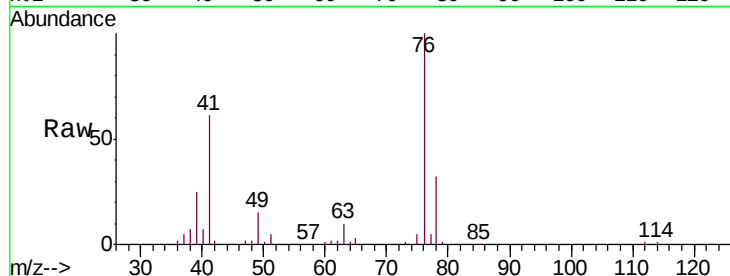




#57
 1,3-Dichloropropane
 Concen: 99.624 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

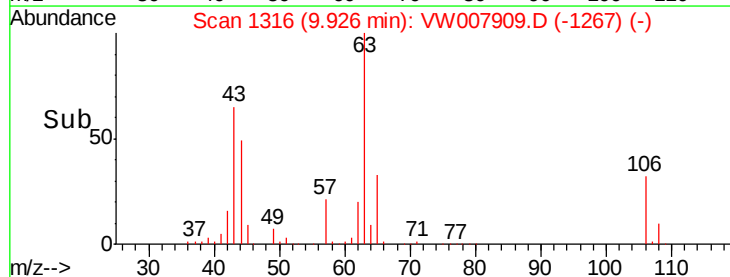
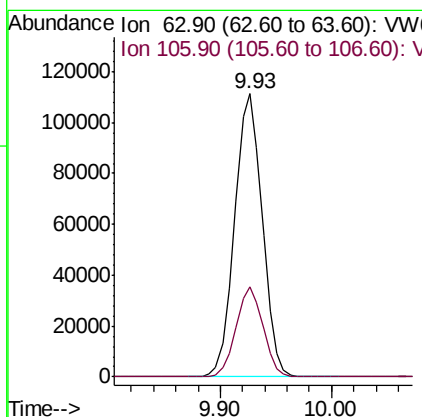
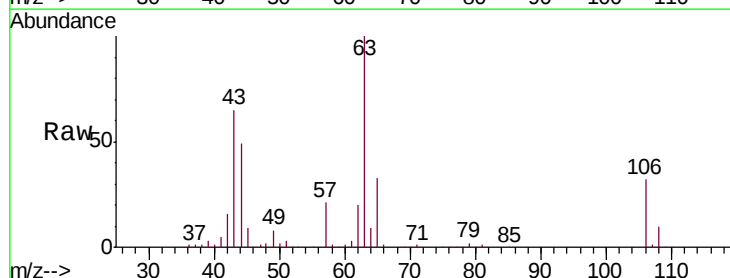
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD1CC100

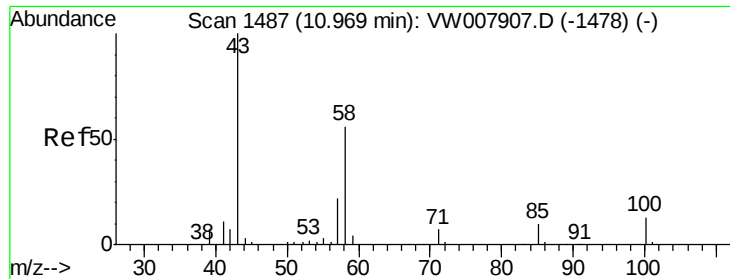
Tgt Ion: 76 Resp: 107498
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 540.124 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Tgt Ion: 63 Resp: 190598
 Ion Ratio Lower Upper
 63 100
 106 31.0 24.8 37.2

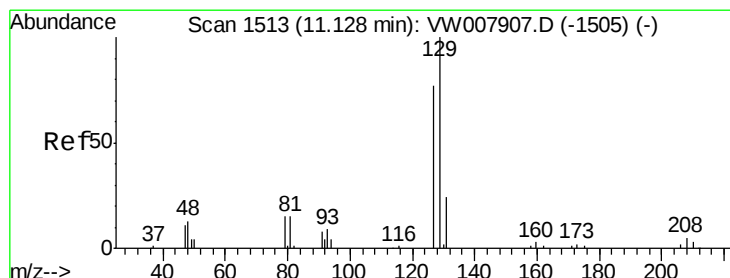
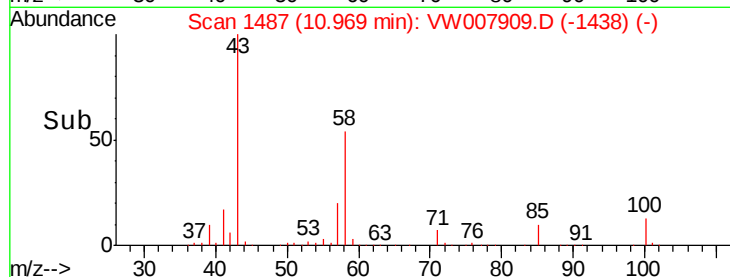
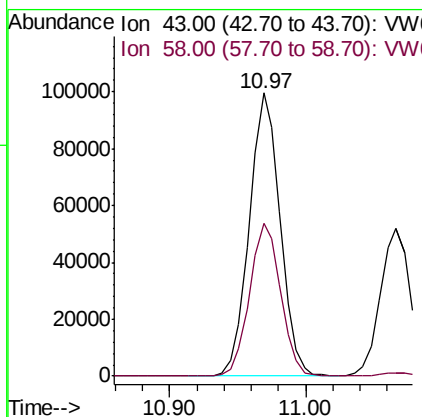
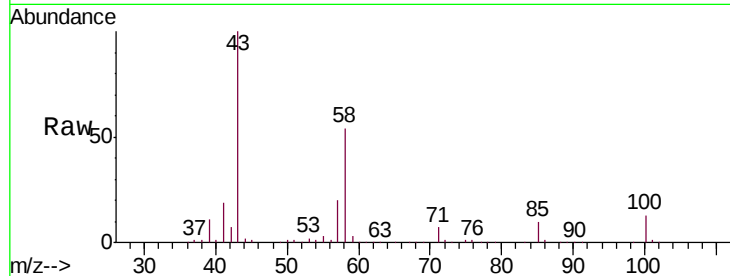




#59
2-Hexanone
Concen: 526.052 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

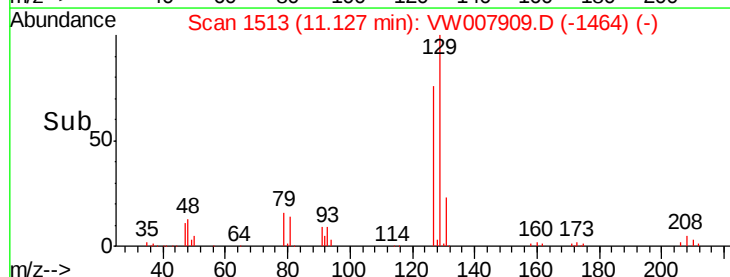
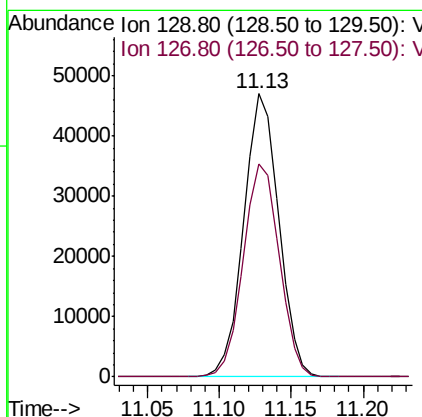
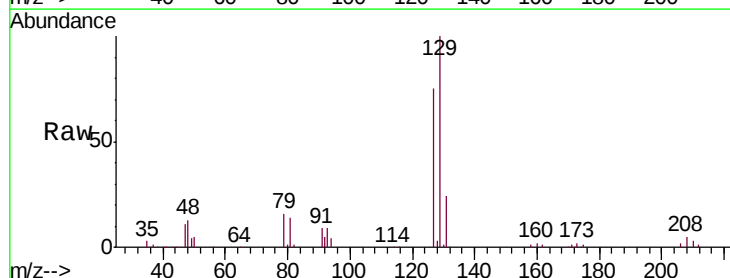
Instrument :
MSVOA_W
ClientSampleId :
VSTD1CC100

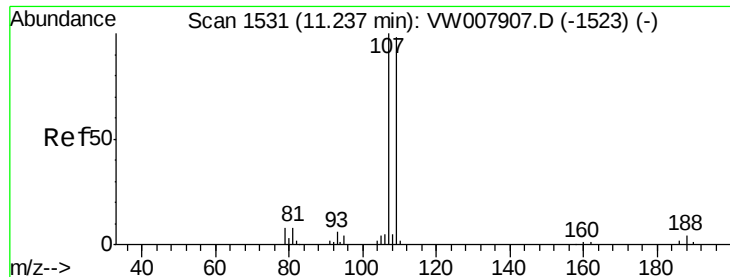
Tgt Ion: 43 Resp: 158421
Ion Ratio Lower Upper
43 100
58 54.2 27.4 82.0



#60
Dibromochloromethane
Concen: 93.910 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

Tgt Ion: 129 Resp: 79111
Ion Ratio Lower Upper
129 100
127 77.5 38.0 113.9

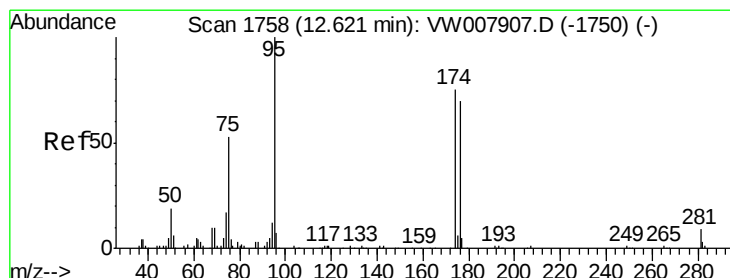
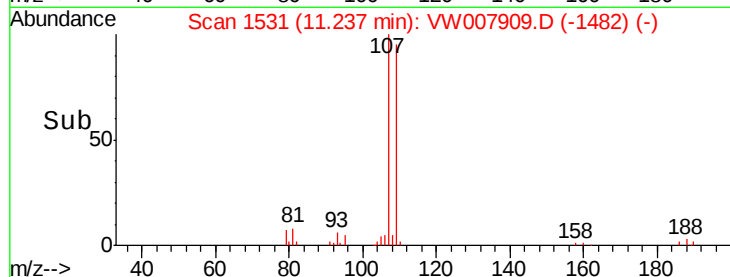
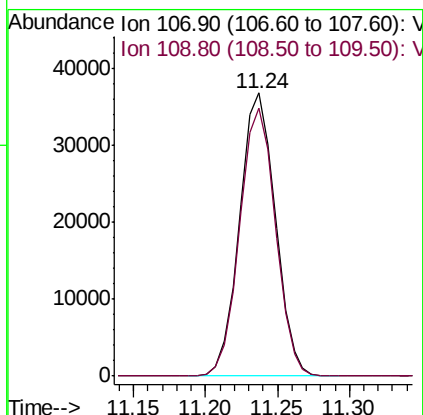
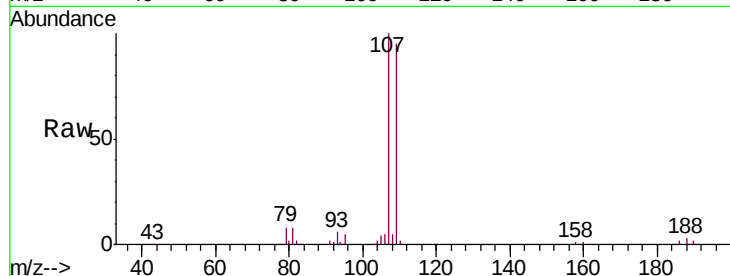




#61
 1,2-Dibromoethane
 Concen: 96.903 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

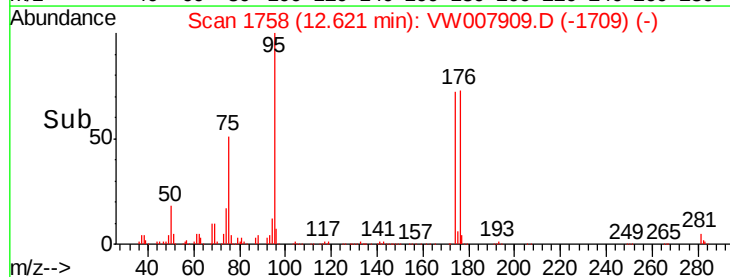
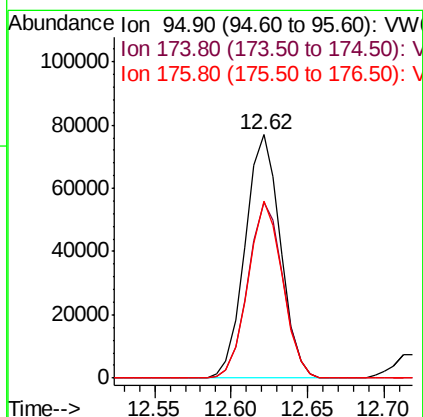
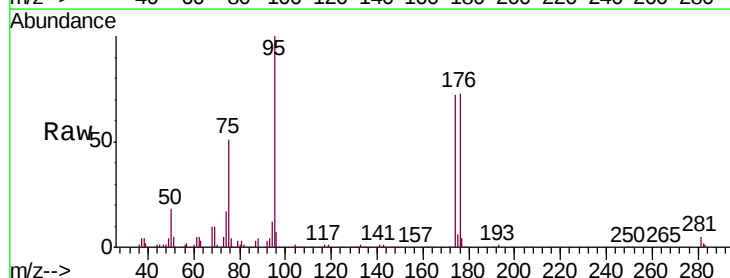
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD1CC100

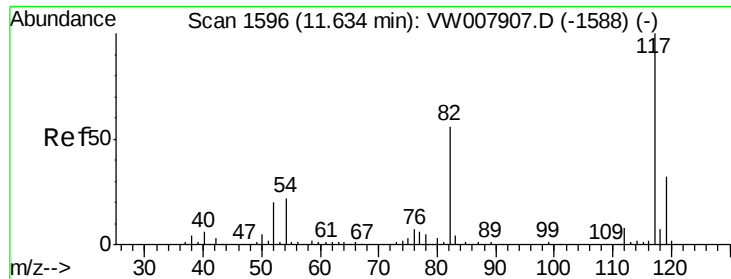
Tgt Ion: 107 Resp: 63363
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.4 114.6



#62
 4-Bromofluorobenzene
 Concen: 103.984 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Tgt Ion: 95 Resp: 123207
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 145.4
 176 71.1 0.0 140.2

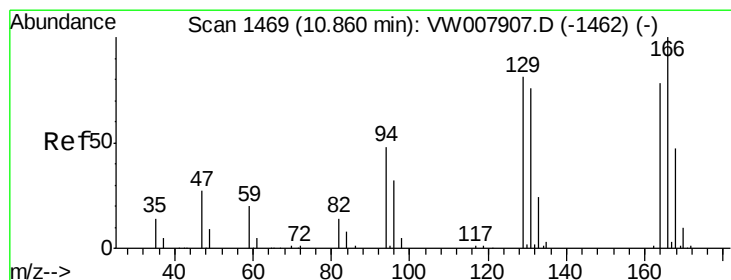
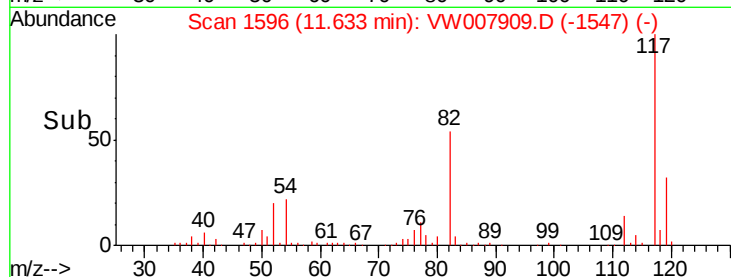
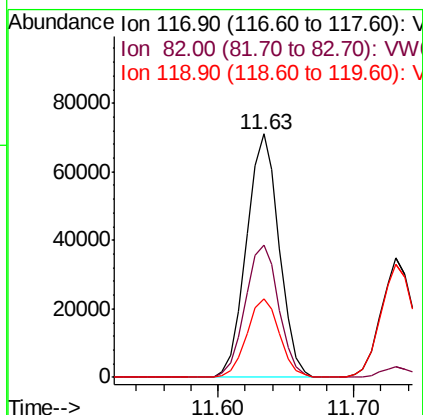
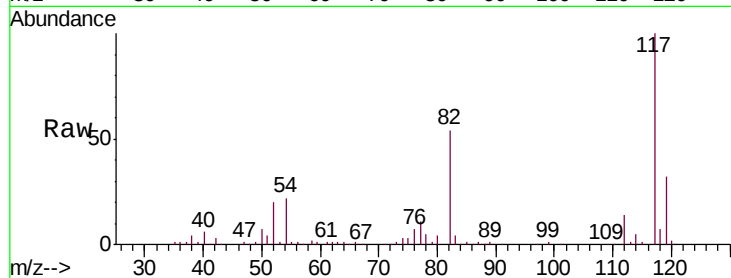




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

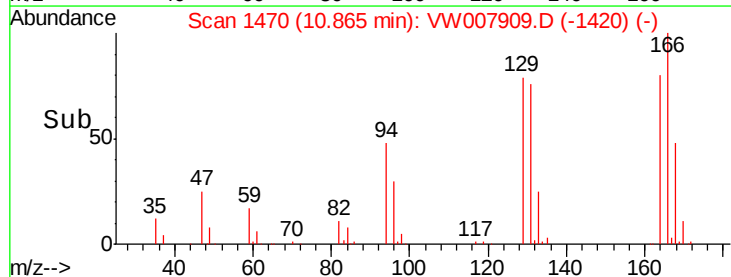
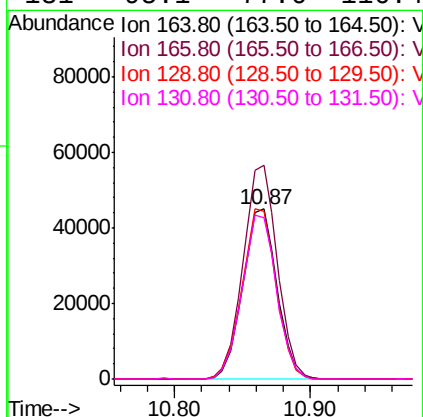
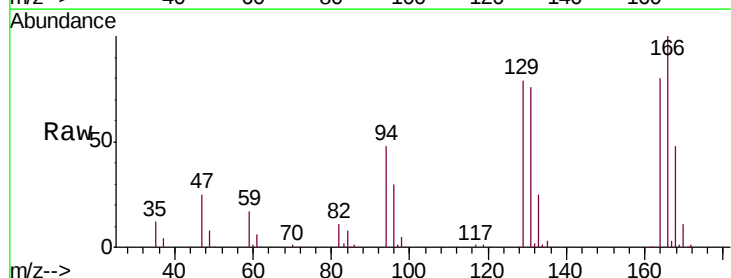
Instrument :
MSVOA_W
ClientSampleId :
VSTD1CC100

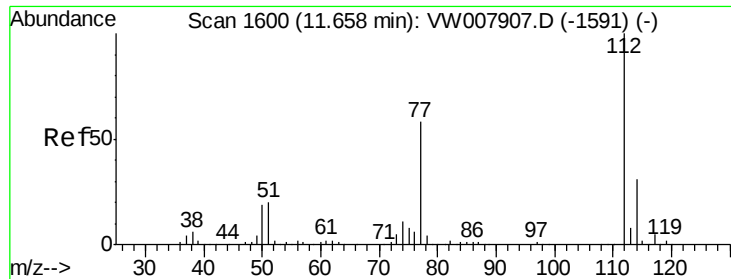
Tgt Ion:117 Resp: 119133
Ion Ratio Lower Upper
117 100
82 54.4 45.1 67.7
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 93.286 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

Tgt Ion:164 Resp: 78825
Ion Ratio Lower Upper
164 100
166 125.8 102.1 153.1
129 98.9 82.3 123.5
131 95.1 77.6 116.4

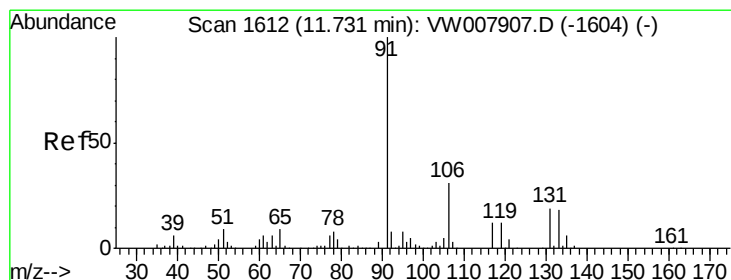
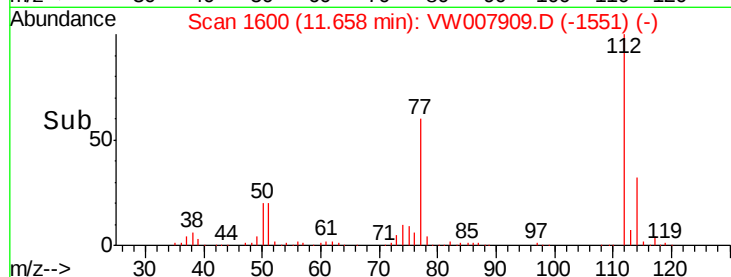
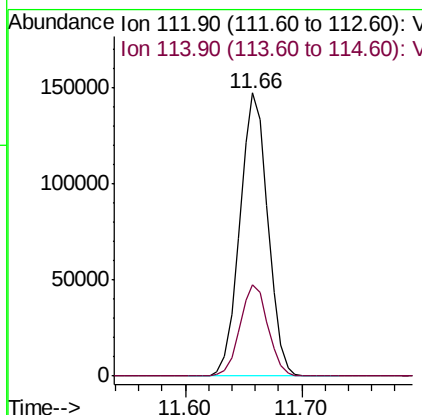
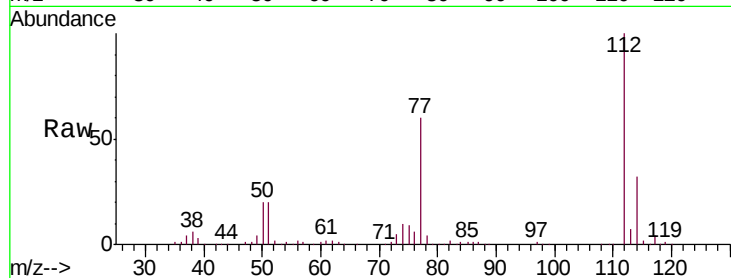




#65
Chlorobenzene
Concen: 95.149 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

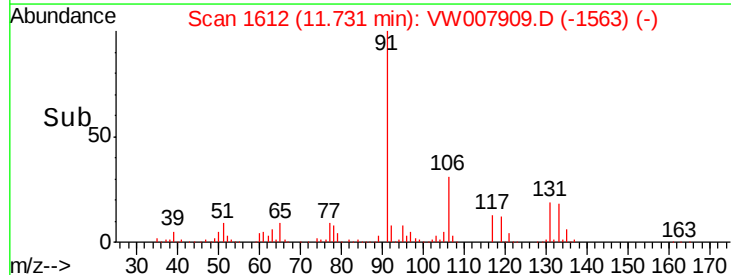
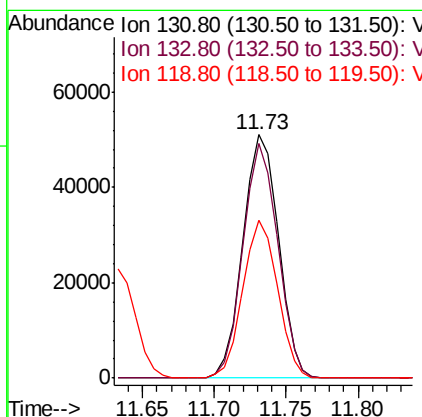
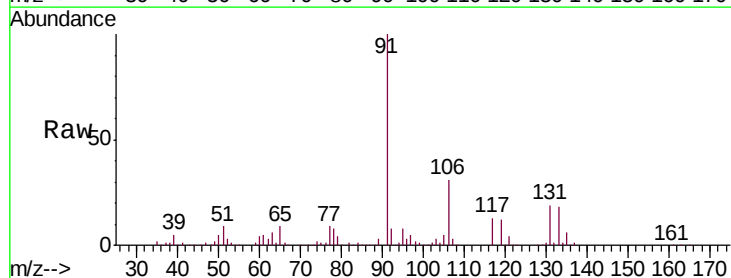
Instrument :
MSVOA_W
ClientSampleId :
VSTD1CC100

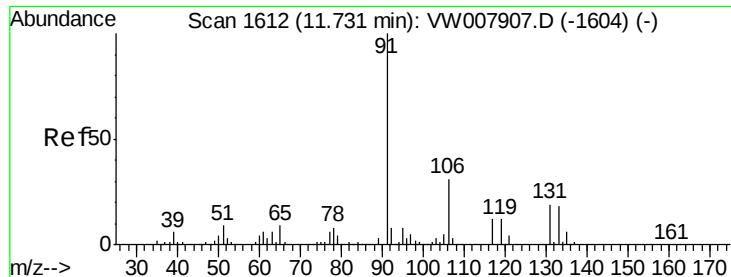
Tgt Ion:112 Resp: 246149
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 95.332 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

Tgt Ion:131 Resp: 87584
Ion Ratio Lower Upper
131 100
133 94.3 48.4 145.3
119 63.4 31.6 95.0

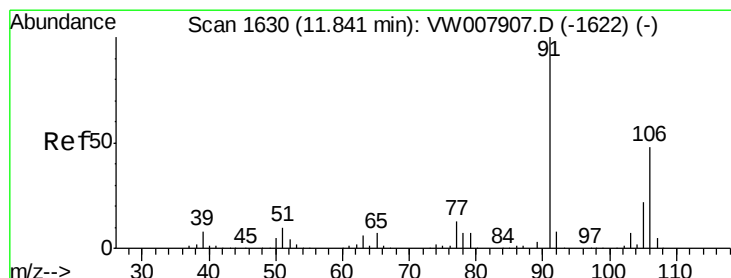
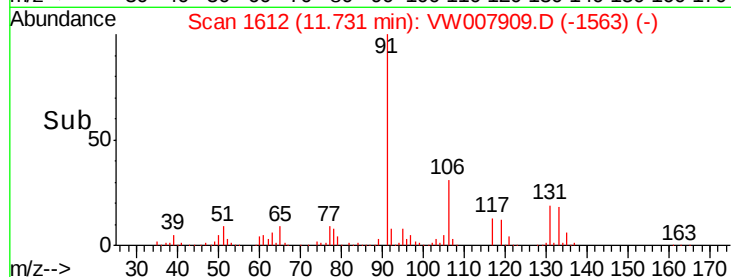
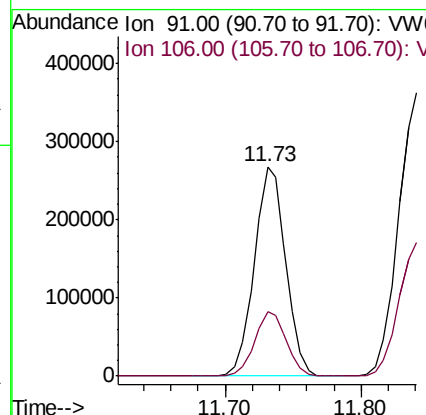
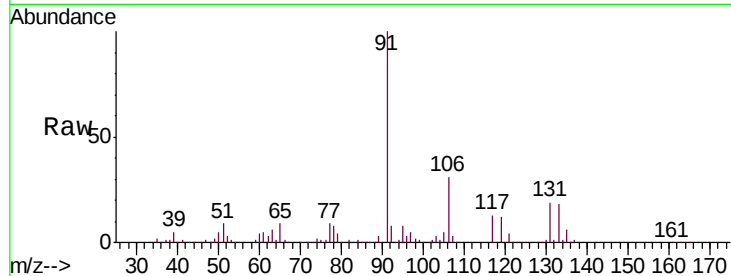




#67
Ethyl Benzene
Concen: 97.216 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

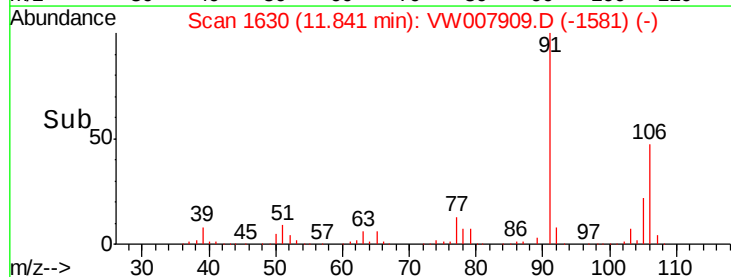
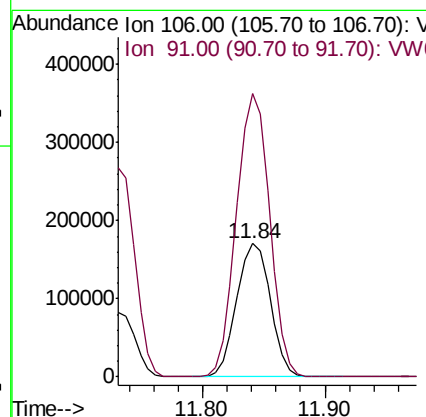
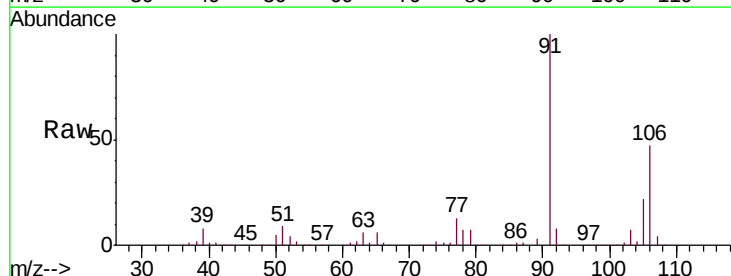
Instrument :
MSVOA_W
ClientSampleId :
VSTD1CC100

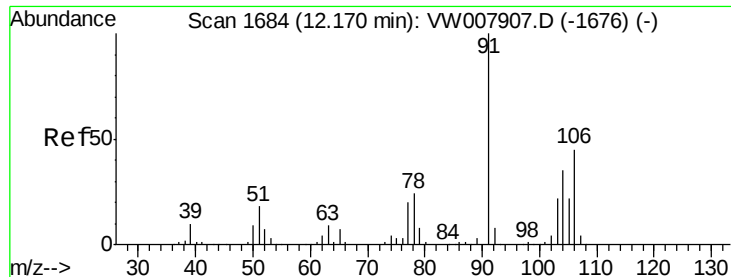
Tgt Ion: 91 Resp: 432804
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0



#68
m/p-Xylenes
Concen: 190.268 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

Tgt Ion: 106 Resp: 327245
Ion Ratio Lower Upper
106 100
91 208.9 166.6 249.8

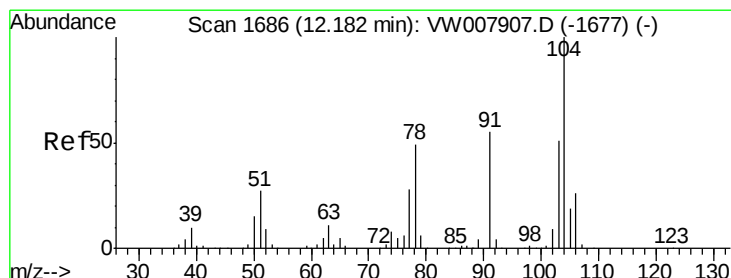
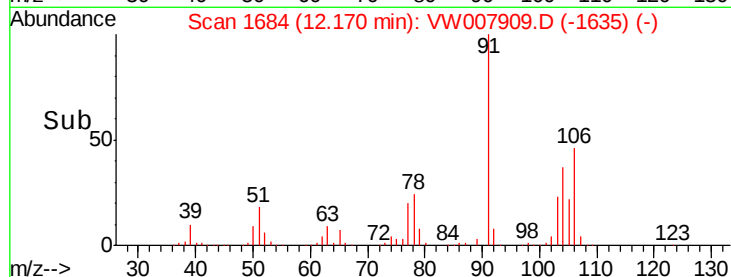
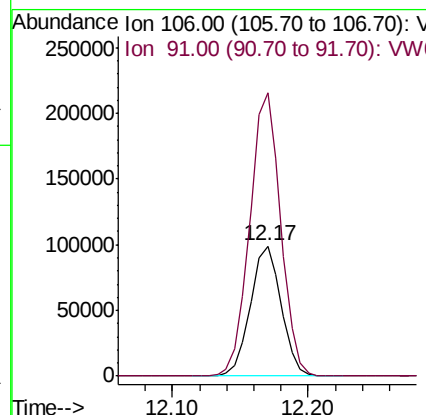
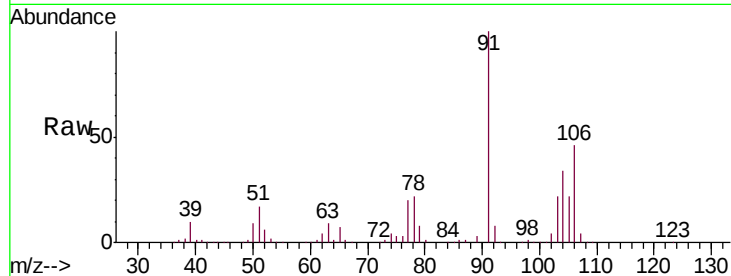




#69
o-Xylene
Concen: 97.506 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

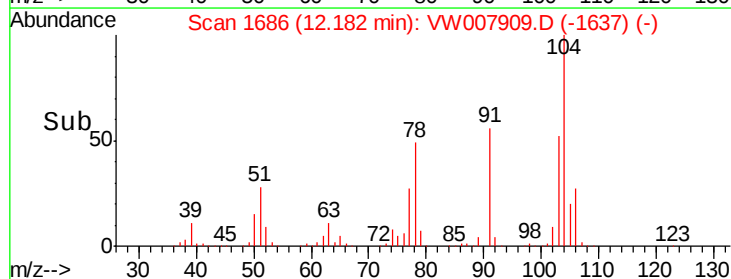
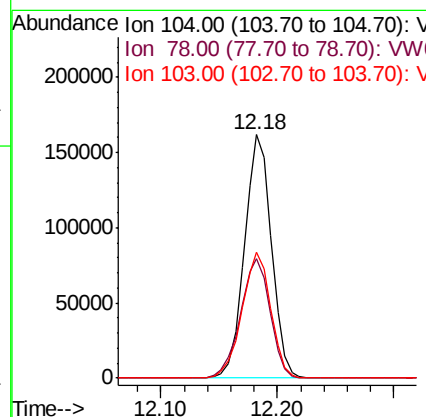
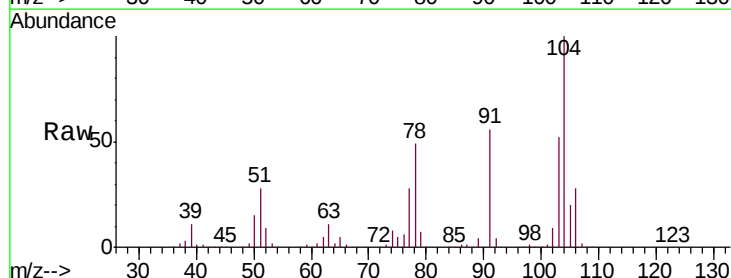
Instrument :
MSVOA_W
ClientSampleId :
VSTD1CC100

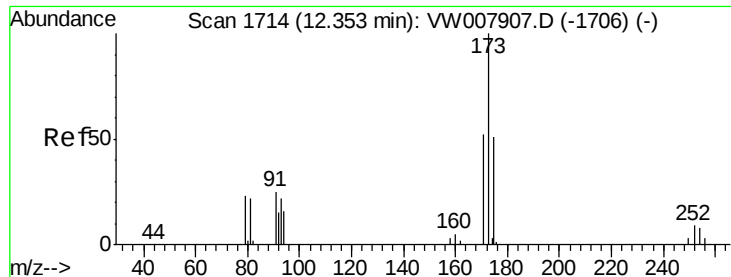
Tgt Ion:106 Resp: 157542
Ion Ratio Lower Upper
106 100
91 218.0 110.3 331.0



#70
Styrene
Concen: 98.135 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

Tgt Ion:104 Resp: 260852
Ion Ratio Lower Upper
104 100
78 53.7 43.1 64.7
103 55.3 44.1 66.1





#71

Bromoform

Concen: 92.011 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD1CC100

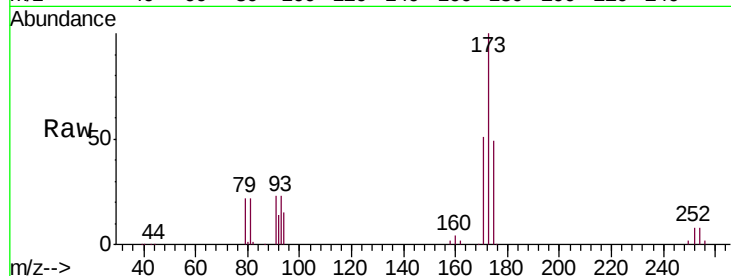
Tgt Ion:173 Resp: 43108

Ion Ratio Lower Upper

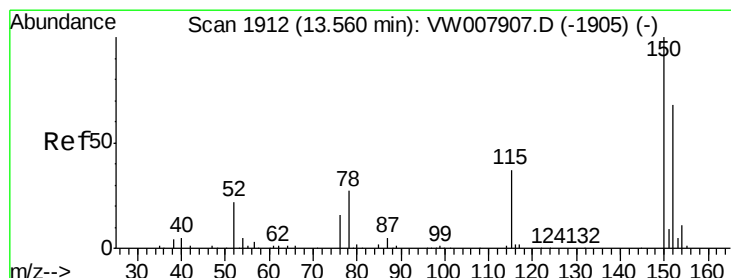
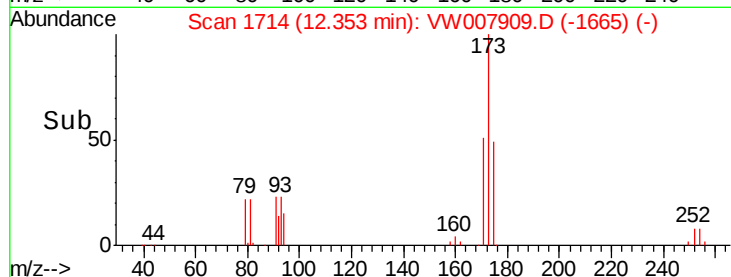
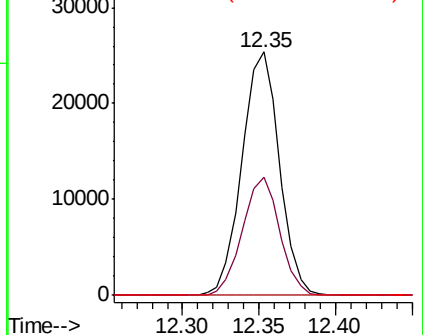
173 100

175 48.2 24.9 74.7

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: VW007909.D

Acq: 25 Dec 2018 01:22

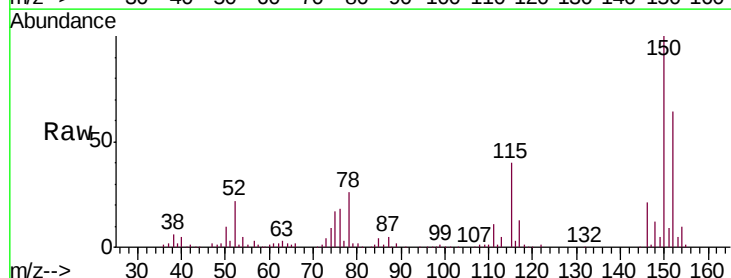
Tgt Ion:152 Resp: 57393

Ion Ratio Lower Upper

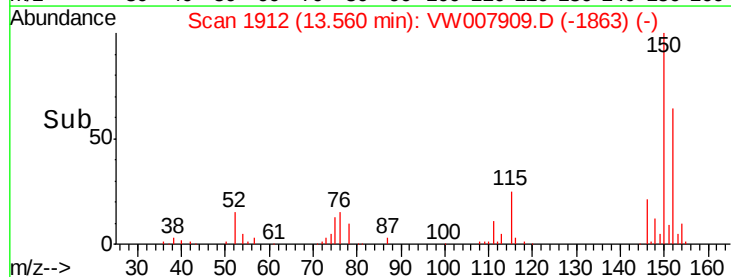
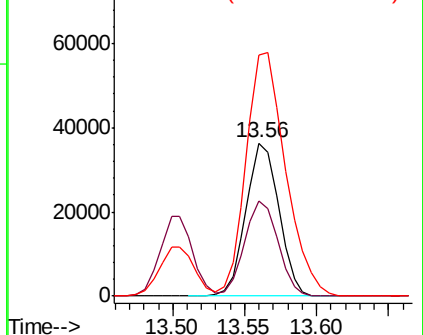
152 100

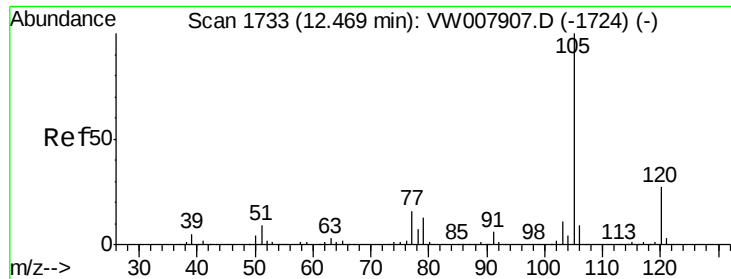
115 63.0 31.9 95.9

150 191.2 0.0 349.4



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: 100.442 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

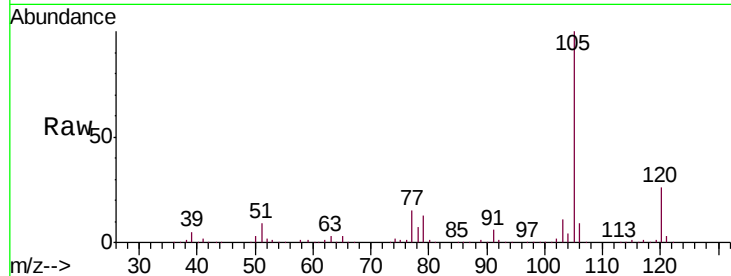
VSTD1CC100

Tgt Ion:105 Resp: 439000

Ion Ratio Lower Upper

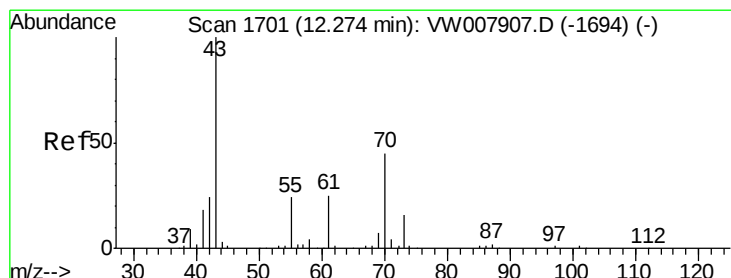
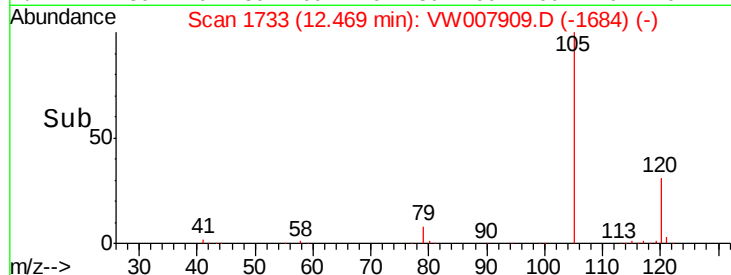
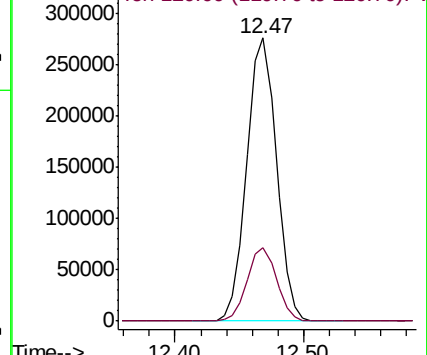
105 100

120 25.9 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 114.397 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Tgt Ion: 43 Resp: 89381

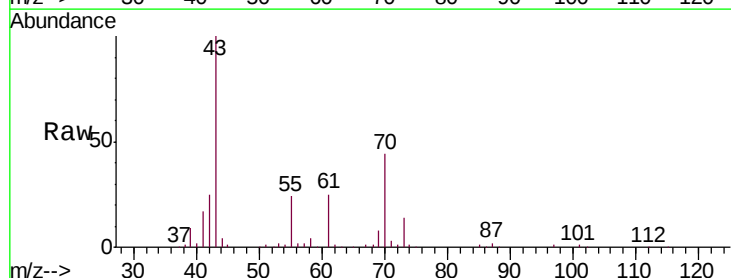
Ion Ratio Lower Upper

43 100

70 43.9 35.4 53.0

55 24.4 19.3 28.9

61 24.9 19.4 29.2

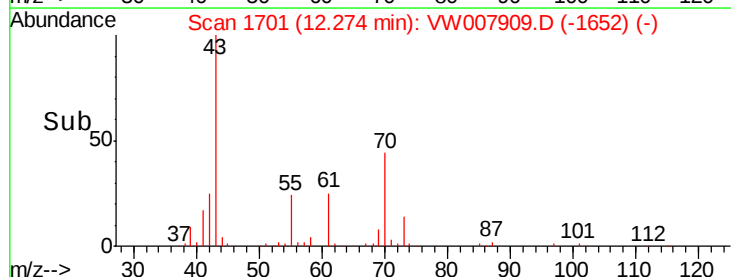
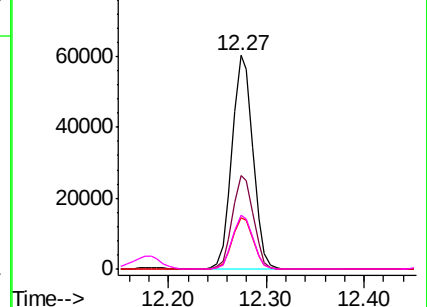


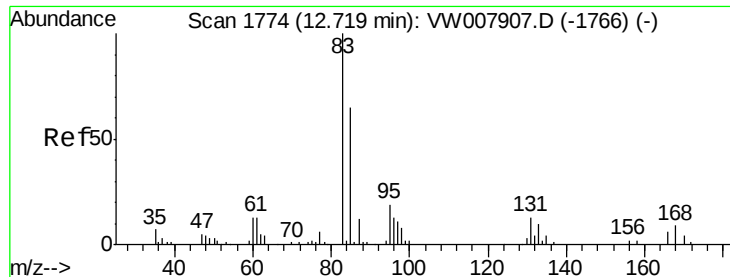
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 103.594 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD1CC100

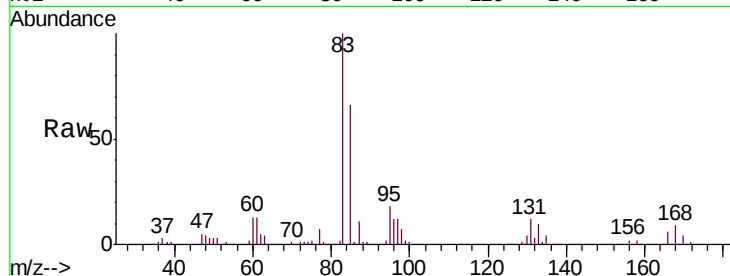
Tgt Ion: 83 Resp: 68798

Ion Ratio Lower Upper

83 100

131 12.1 6.2 18.4

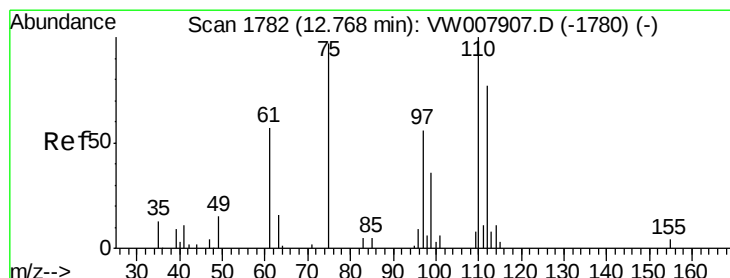
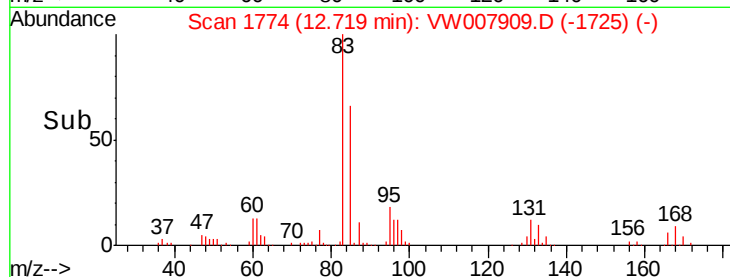
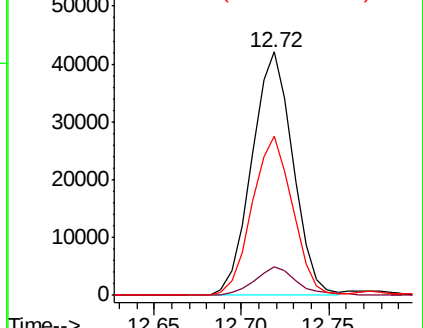
85 64.4 32.1 96.3



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: 209.203 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW007909.D

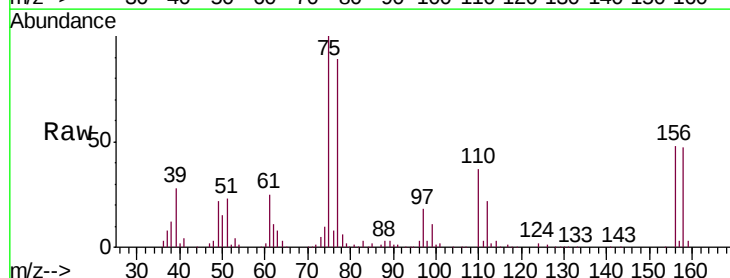
Acq: 25 Dec 2018 01:22

Tgt Ion: 75 Resp: 95434

Ion Ratio Lower Upper

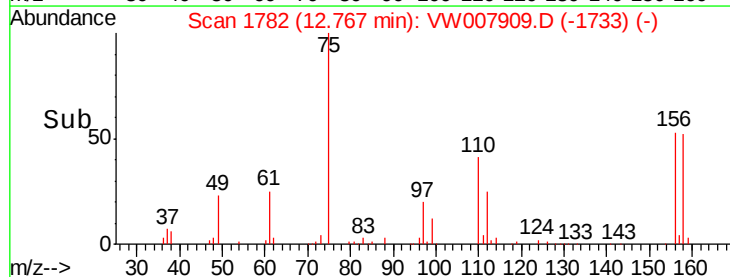
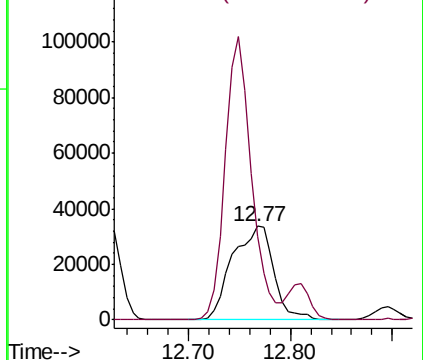
75 100

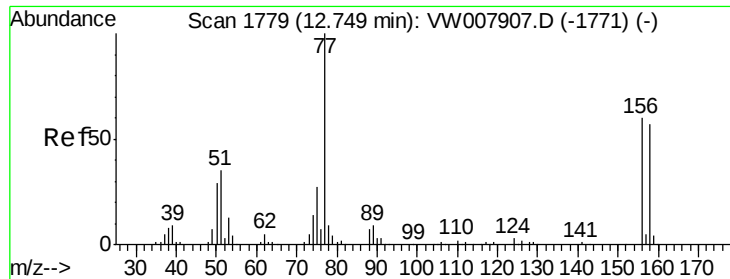
77 192.7 165.9 497.7



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 98.033 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD1CC100

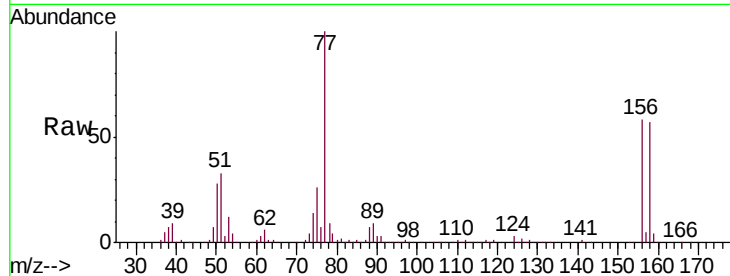
Tgt Ion:156 Resp: 97992

Ion Ratio Lower Upper

156 100

77 187.6 94.0 282.0

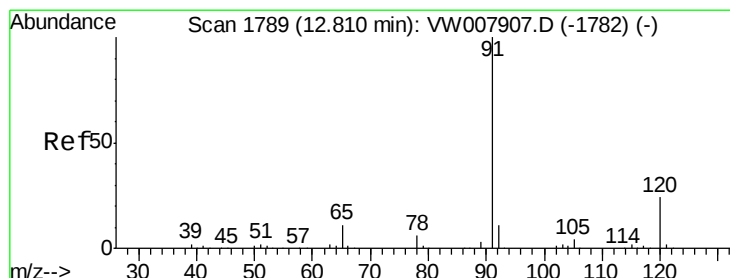
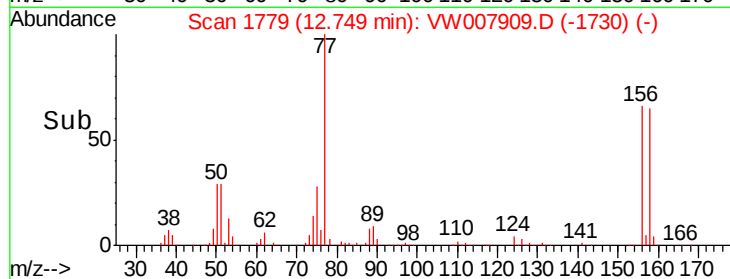
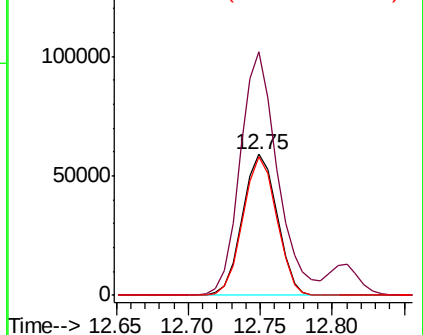
158 96.1 48.6 145.8



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: 99.404 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007909.D

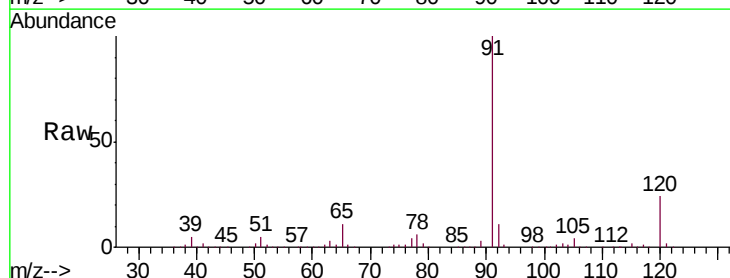
Acq: 25 Dec 2018 01:22

Tgt Ion: 91 Resp: 506050

Ion Ratio Lower Upper

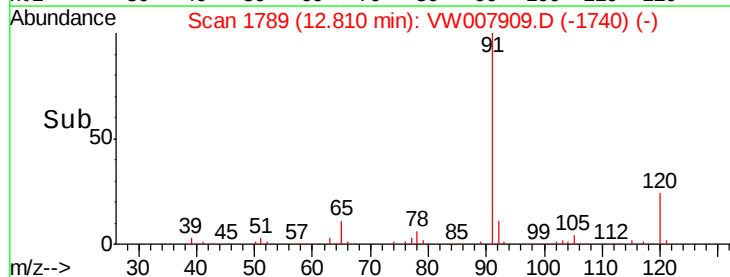
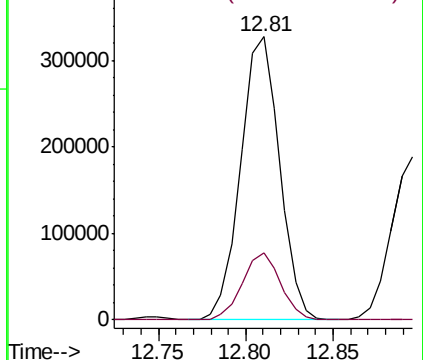
91 100

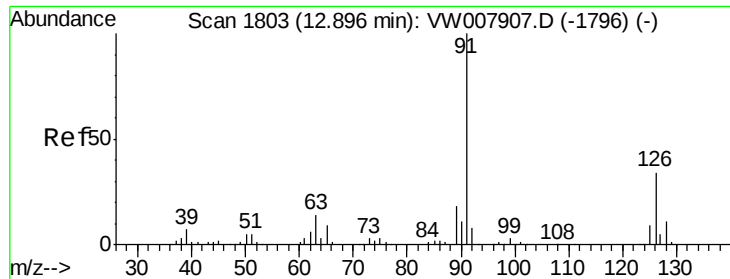
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 100.916 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

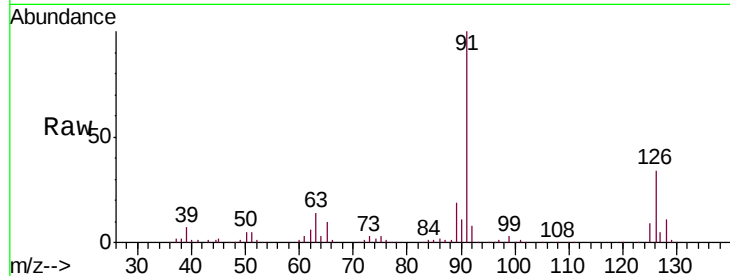
VSTD1CC100

Tgt Ion: 91 Resp: 300799

Ion Ratio Lower Upper

91 100

126 33.3 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

250000

200000

150000

100000

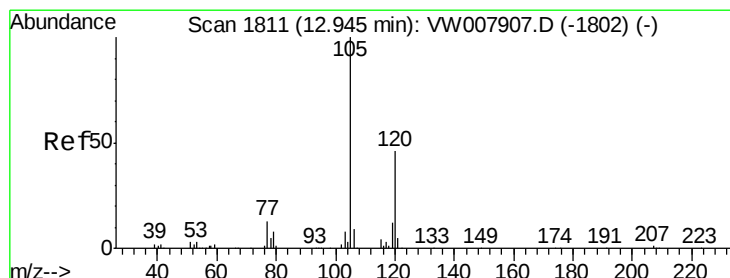
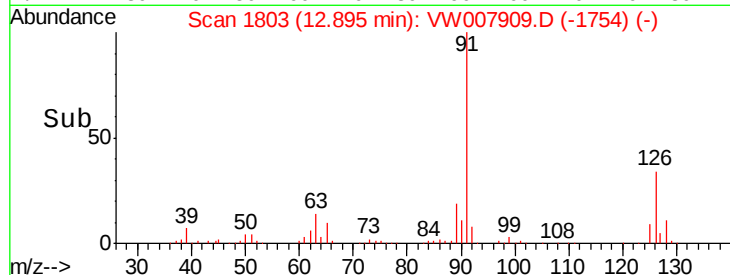
50000

0

12.85

12.90

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 99.961 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007909.D

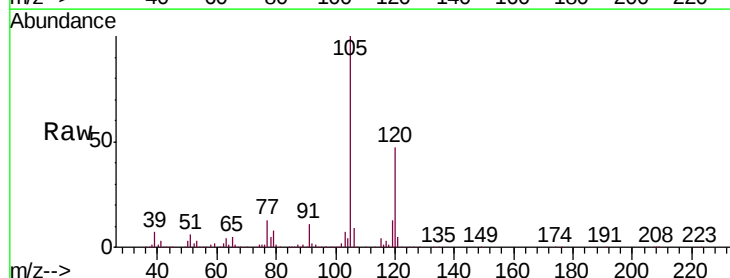
Acq: 25 Dec 2018 01:22

Tgt Ion: 105 Resp: 376892

Ion Ratio Lower Upper

105 100

120 46.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

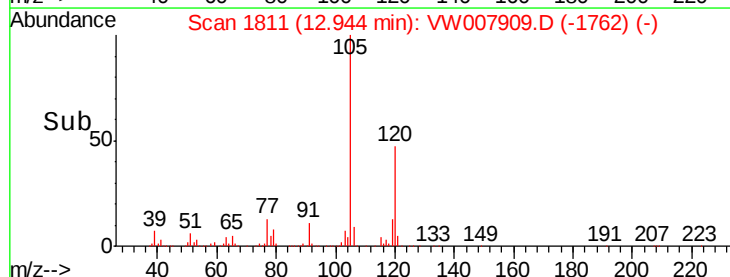
50000

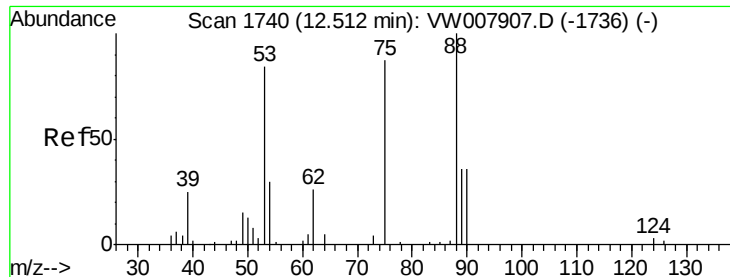
0

12.90

13.00

Time-->

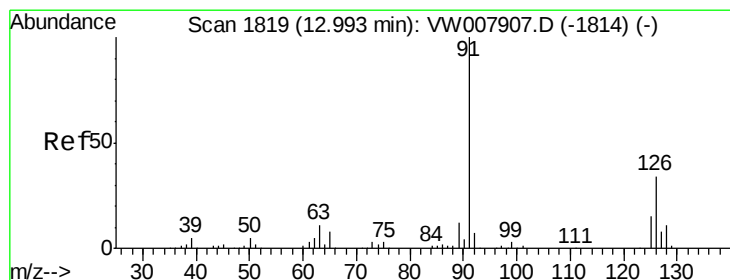
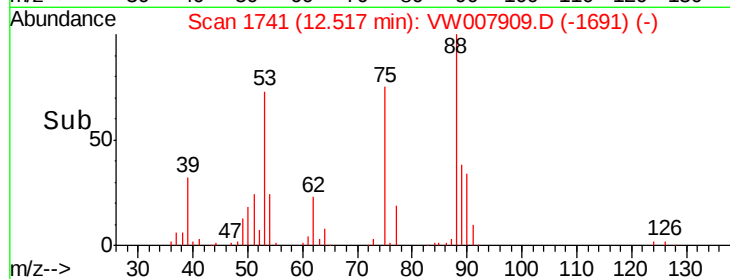
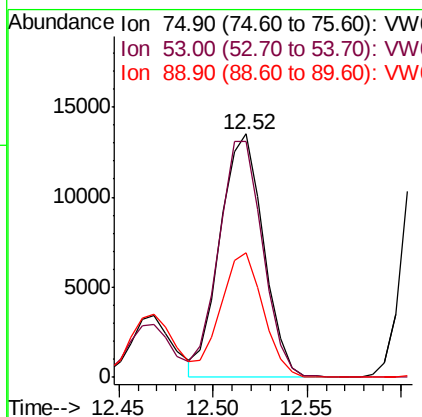
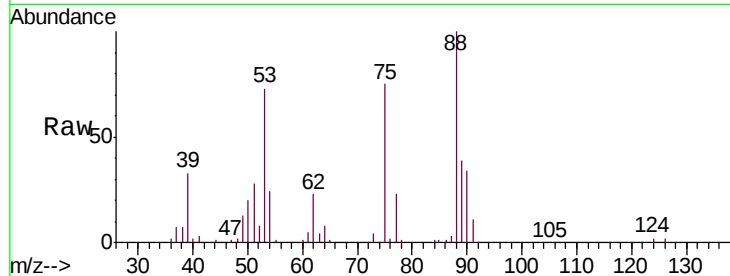




#81
trans-1,4-Dichloro-2-butene
Concen: 101.816 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

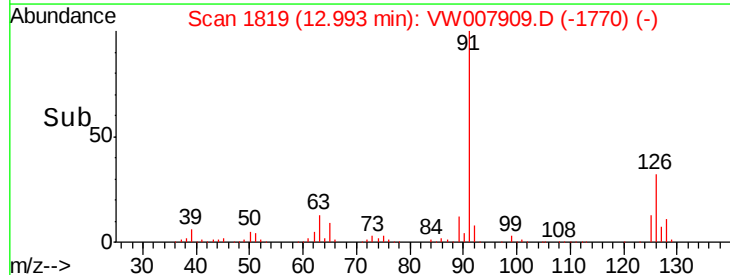
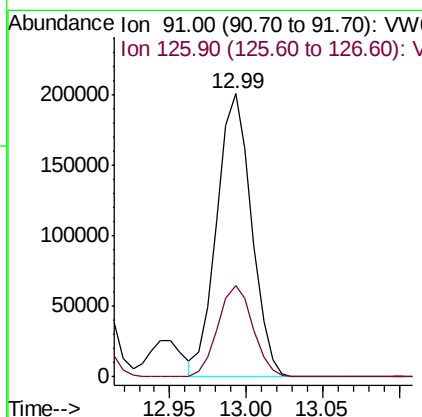
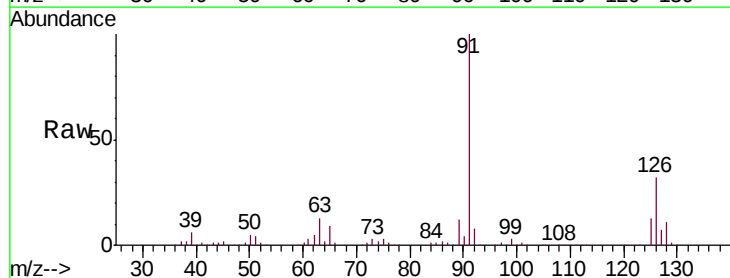
Instrument :
MSVOA_W
ClientSampleId :
VSTD1CC100

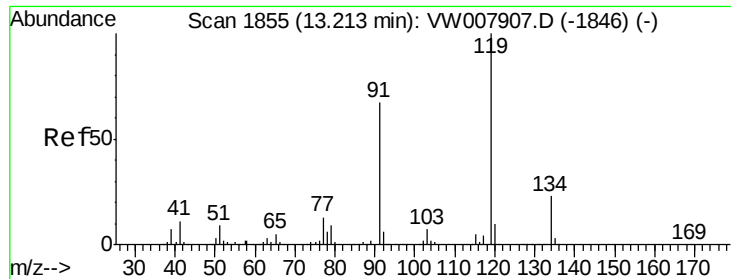
Tgt Ion: 75 Resp: 21606
Ion Ratio Lower Upper
75 100
53 98.4 79.8 119.8
89 50.7 37.1 55.7



#82
4-Chlorotoluene
Concen: 100.298 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007909.D
Acq: 25 Dec 2018 01:22

Tgt Ion: 91 Resp: 316848
Ion Ratio Lower Upper
91 100
126 32.6 16.5 49.5





#83

tert-Butylbenzene

Concen: 99.905 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD1CC100

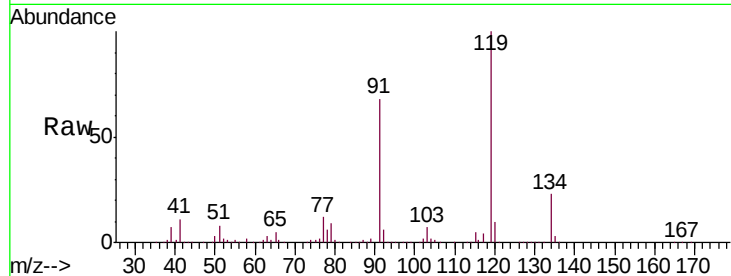
Tgt Ion:119 Resp: 330453

Ion Ratio Lower Upper

119 100

91 67.3 33.8 101.3

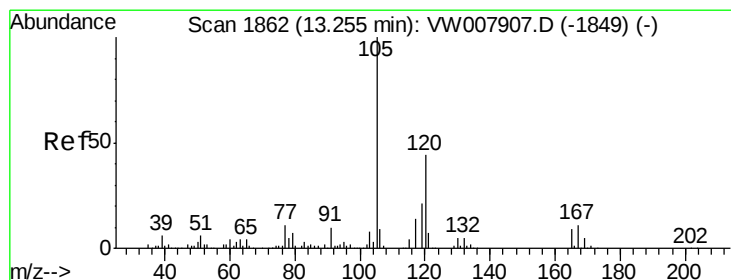
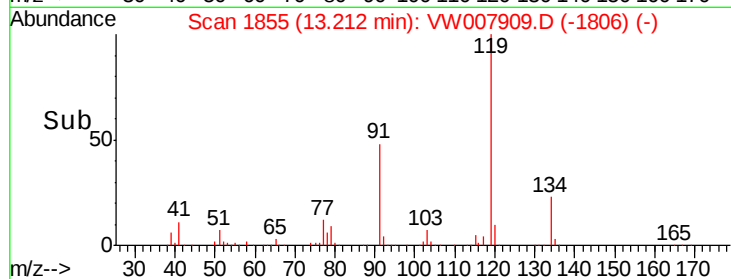
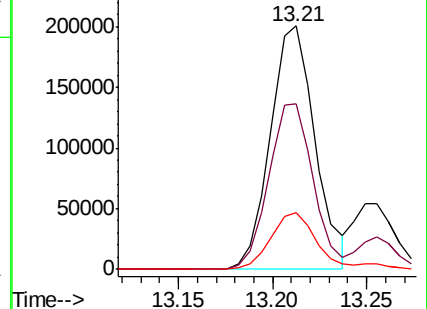
134 24.8 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 99.173 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW007909.D

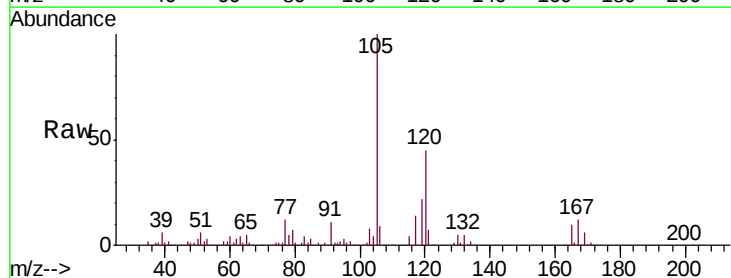
Acq: 25 Dec 2018 01:22

Tgt Ion:105 Resp: 377517

Ion Ratio Lower Upper

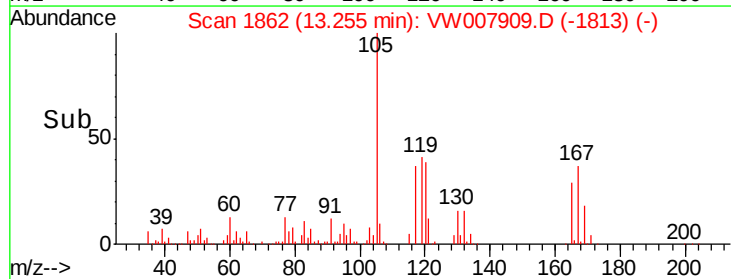
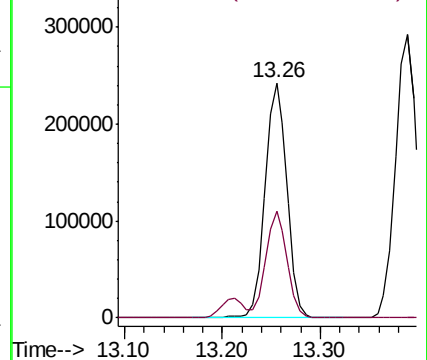
105 100

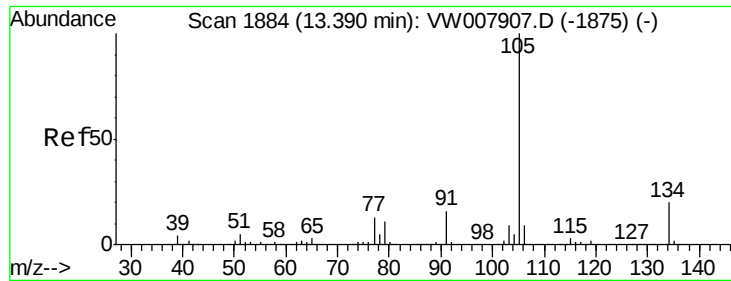
120 43.6 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

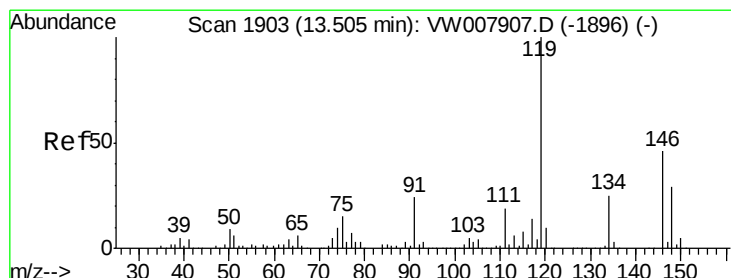
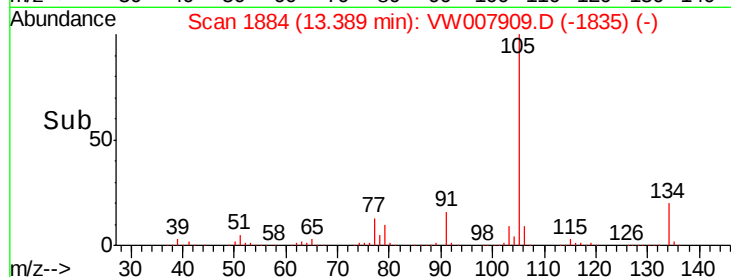
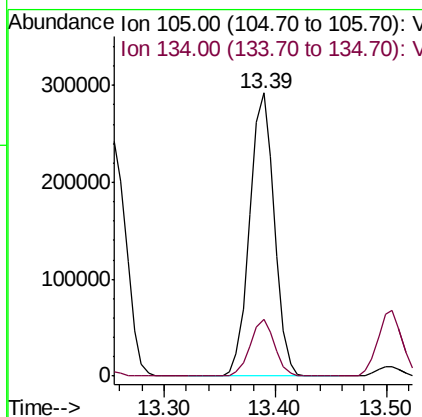
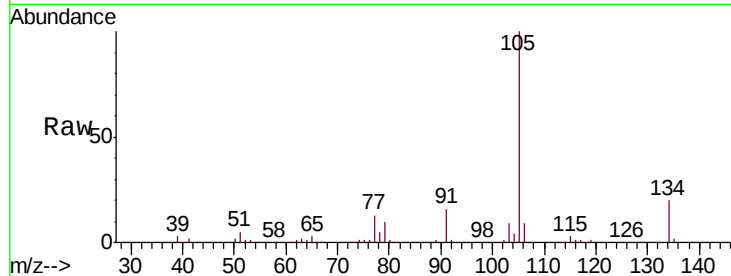




#85
 sec-Butylbenzene
 Concen: 98.905 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

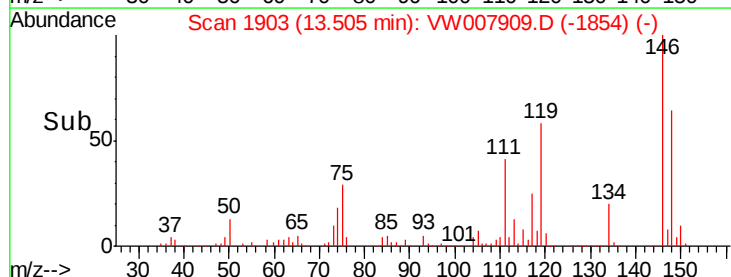
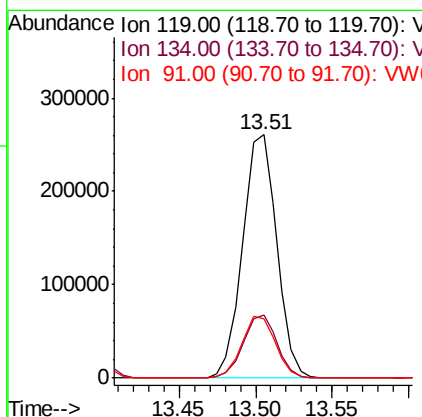
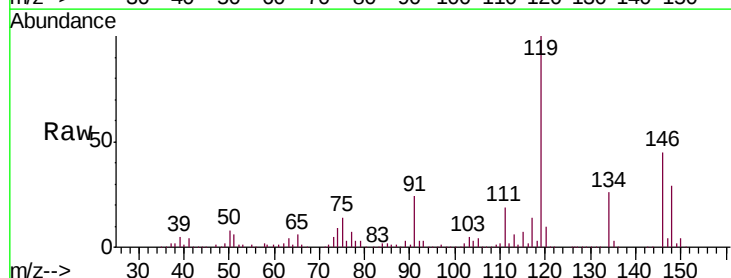
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD1CC100

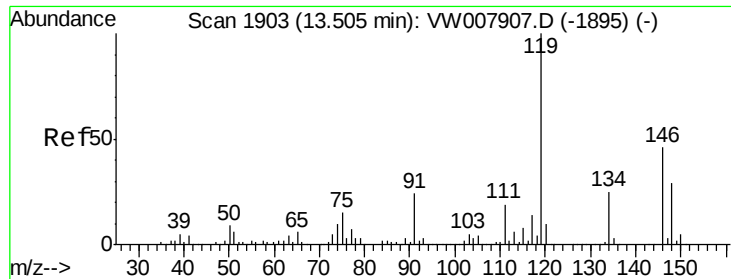
Tgt Ion:105 Resp: 450340
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 97.606 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Tgt Ion:119 Resp: 403338
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 25.1 12.7 38.1

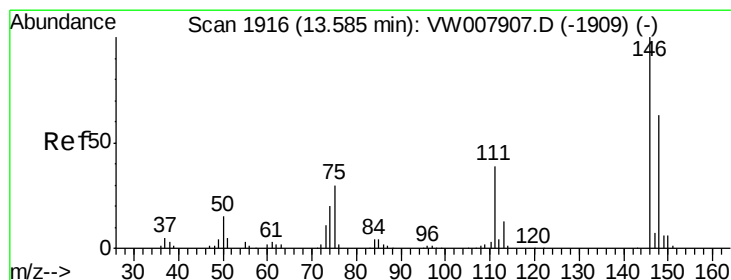
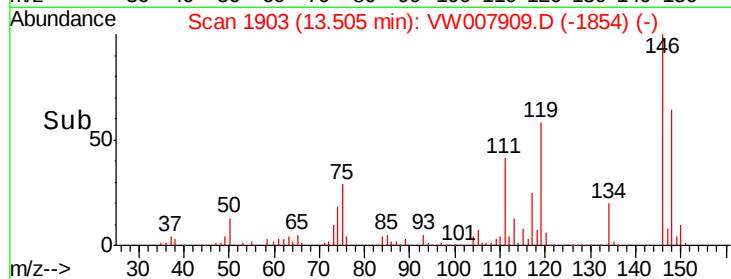
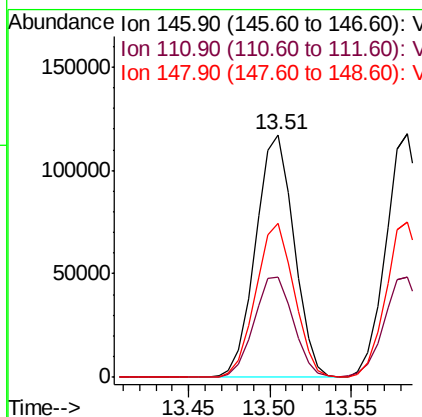
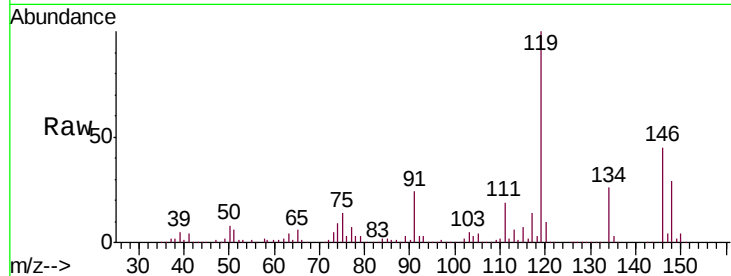




#87
 1,3-Dichlorobenzene
 Concen: 96.265 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

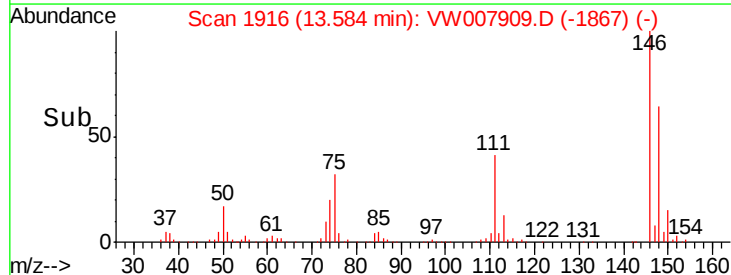
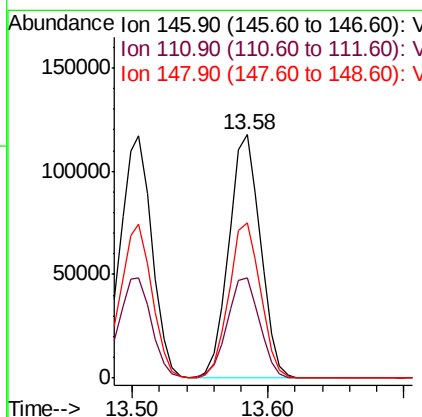
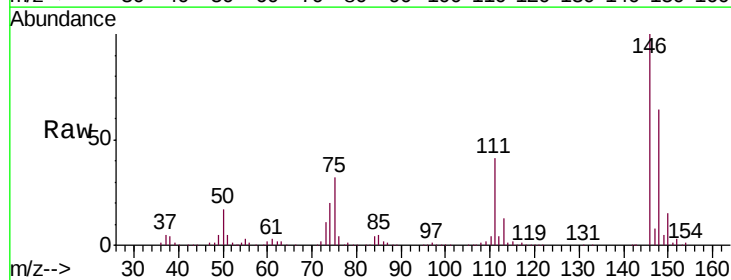
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD1CC100

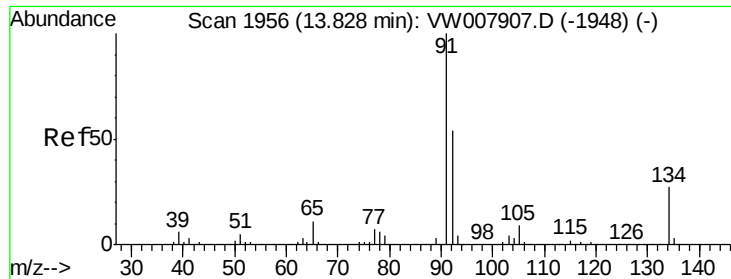
Tgt Ion:146 Resp: 191359
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.4 64.2
 148 63.2 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 95.944 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Tgt Ion:146 Resp: 190133
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.8 62.5
 148 63.9 31.9 95.5





#89

n-Butylbenzene

Concen: 97.198 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD1CC100

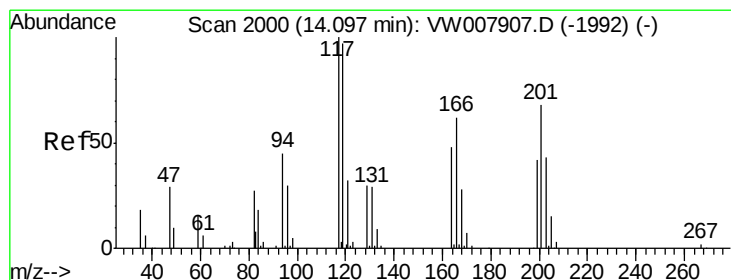
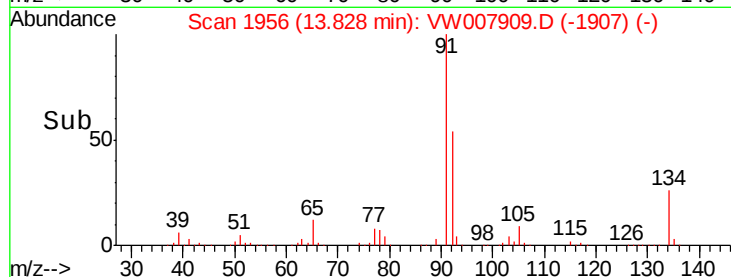
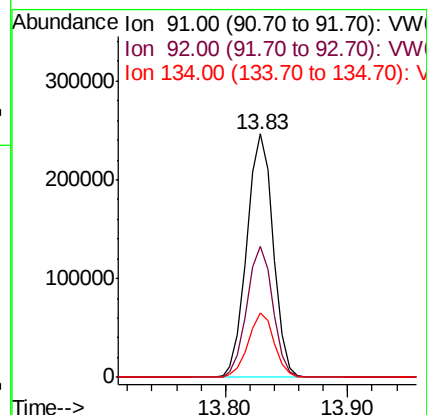
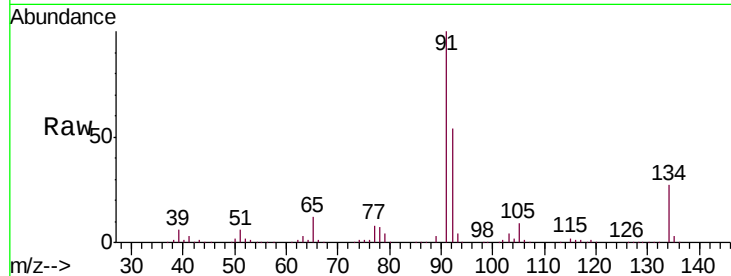
Tgt Ion: 91 Resp: 368518

Ion Ratio Lower Upper

91 100

92 53.2 26.8 80.4

134 26.2 13.2 39.5



#90

Hexachloroethane

Concen: 95.752 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007909.D

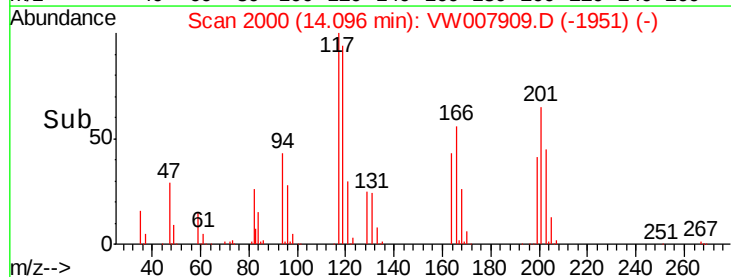
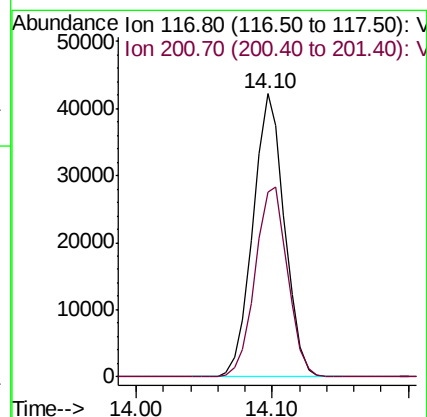
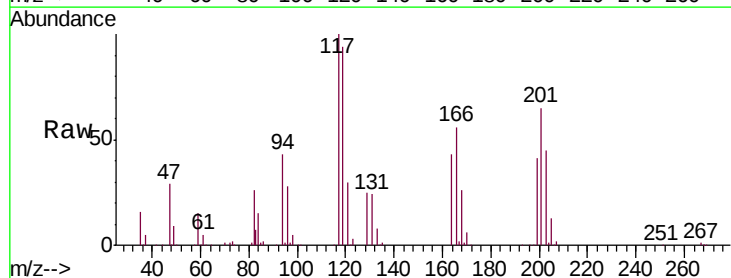
Acq: 25 Dec 2018 01:22

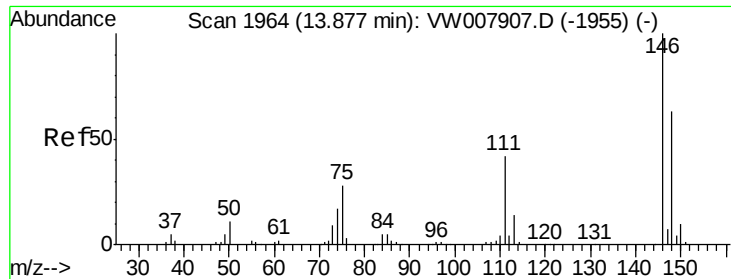
Tgt Ion: 117 Resp: 68546

Ion Ratio Lower Upper

117 100

201 69.3 35.0 105.0

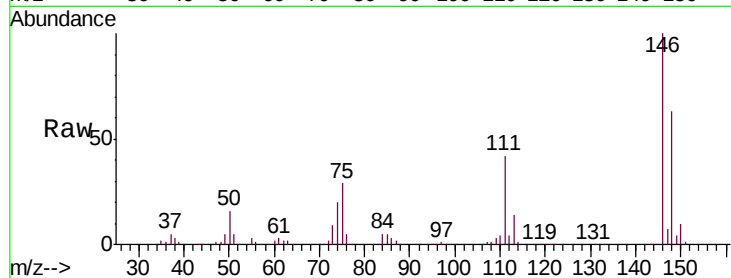




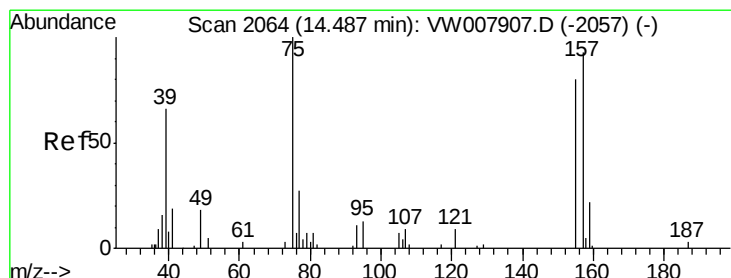
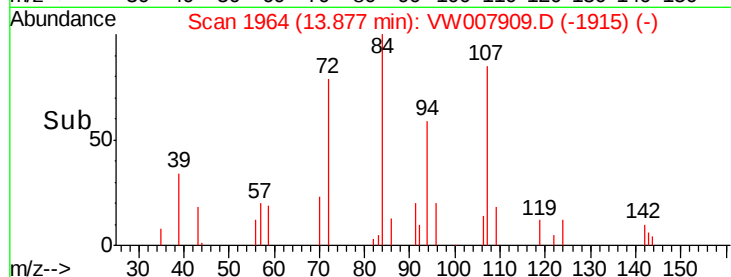
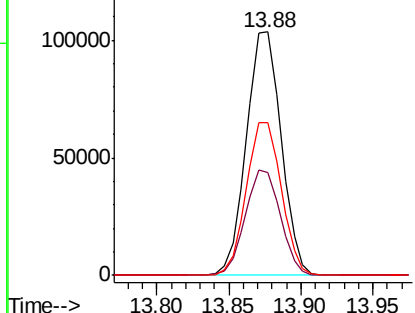
#91
 1,2-Dichlorobenzene
 Concen: 97.468 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD1CC100

Tgt Ion: 146 Resp: 173345
 Ion Ratio Lower Upper
 146 100
 111 43.4 22.0 66.0
 148 63.2 31.6 95.0

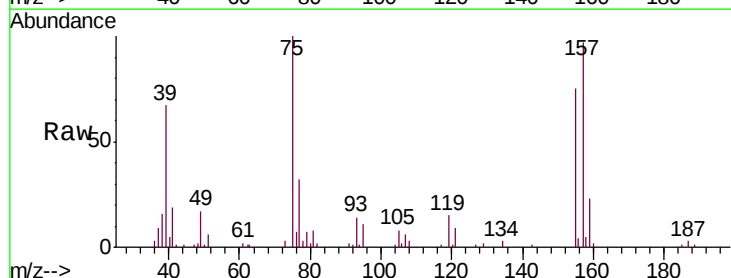


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

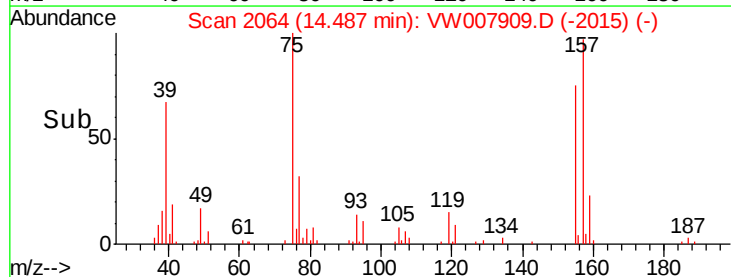
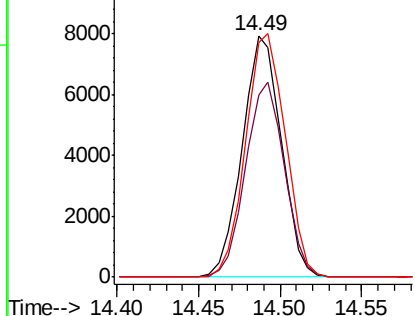


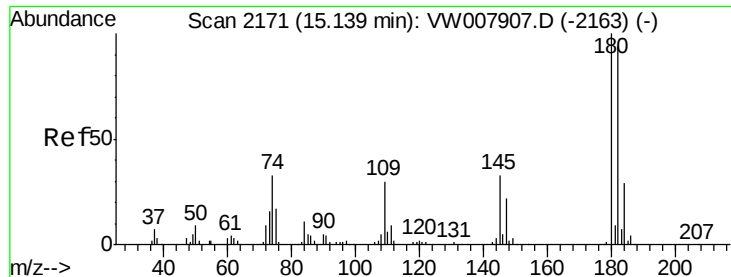
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 98.334 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Tgt Ion: 75 Resp: 13285
 Ion Ratio Lower Upper
 75 100
 155 80.1 38.8 116.3
 157 102.0 48.1 144.3



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

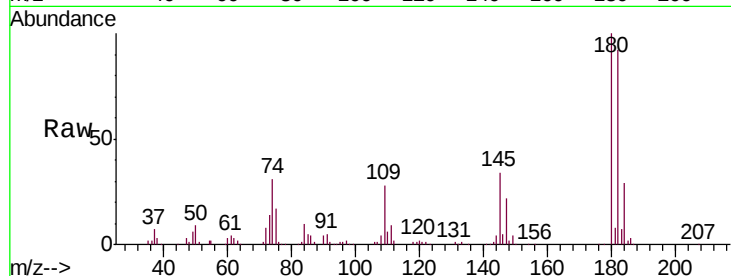




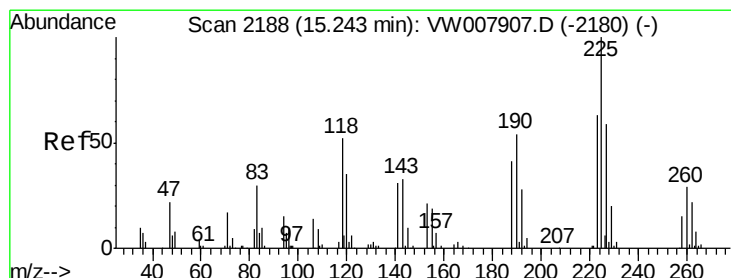
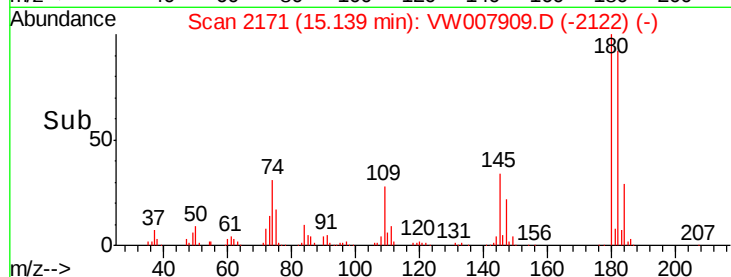
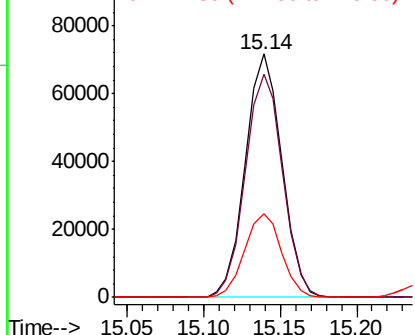
#93
 1,2,4-Trichlorobenzene
 Concen: 96.969 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD1CC100

Tgt Ion:180 Resp: 119125
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.6 142.9
 145 34.8 17.2 51.6

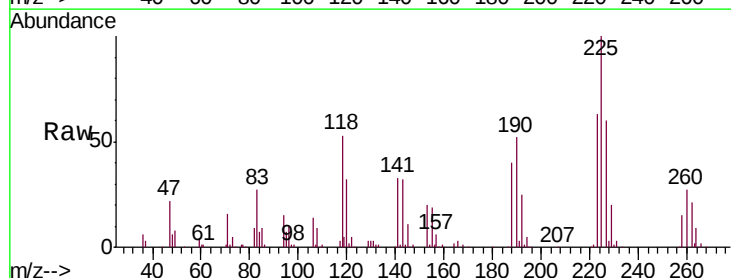


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

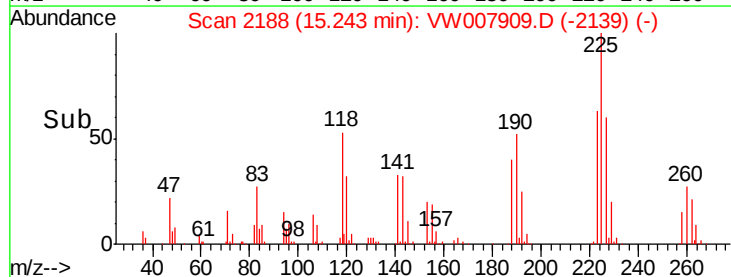
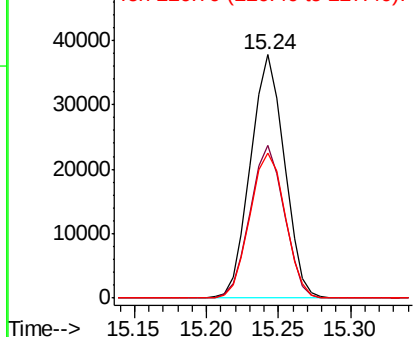


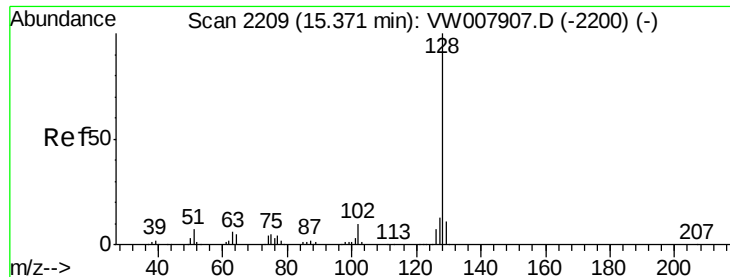
#94
 Hexachlorobutadiene
 Concen: 93.771 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007909.D
 Acq: 25 Dec 2018 01:22

Tgt Ion:225 Resp: 61443
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.4 94.0
 227 62.4 30.6 91.6



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: 105.126 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

VSTD1CC100

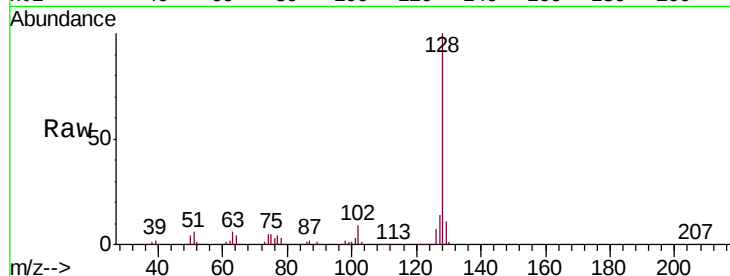
Tgt Ion:128 Resp: 242036

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

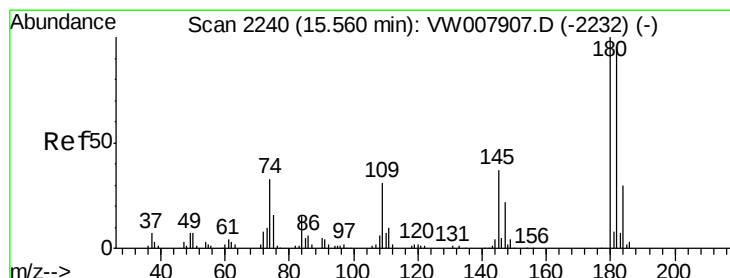
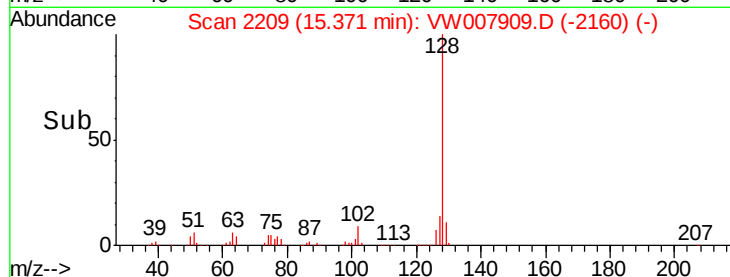
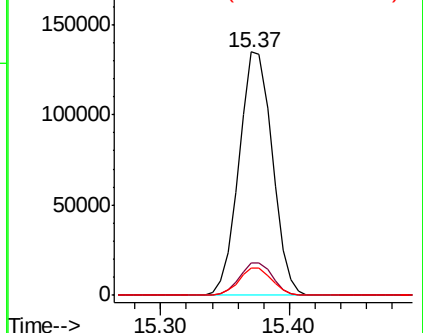
129 11.0 8.4 12.6



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: 98.781 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.01 min

Lab File: VW007909.D

Acq: 25 Dec 2018 01:22

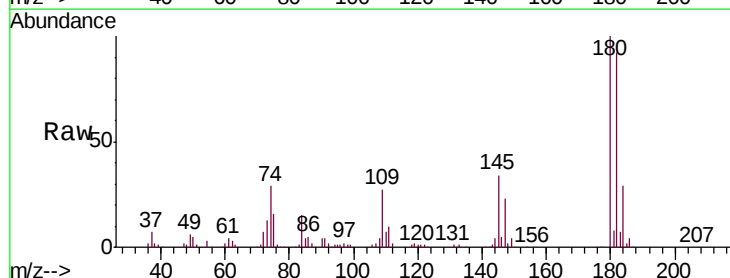
Tgt Ion:180 Resp: 104372

Ion Ratio Lower Upper

180 100

182 94.2 46.6 139.8

145 36.2 18.1 54.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

