

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072120\
 Data File : VW015880.D
 Acq On : 21 Jul 2020 11:29
 Operator : SY/VA
 Sample : L3348-05
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY9

Quant Time: Jul 22 06:25:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 06:22:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	422940	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	381115	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184869	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	134534	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.16%
7) Chloroethane-d5	2.89	69	116785	24.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.36%
10) 1,1-Dichloroethene-d2	4.01	63	279672	23.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.72%
20) 2-Butanone-d5	7.09	46	86371	55.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.20%
24) Chloroform-d	7.65	84	278928	23.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	8.31	65	162732	24.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.84%
29) Benzene-d6	8.27	84	571779	24.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.60%
33) 1,2-Dichloropropane-d6	9.27	67	169987	24.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.76%
37) Toluene-d8	10.33	98	505701	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.28%
38) trans-1,3-Dichloropropene-	10.58	79	73002	24.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.52%
39) 2-Hexanone-d5	10.93	63	65390	56.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138644	25.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	171744	23.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.21	50	84105	19.431	ug/L	99
6) Bromomethane	2.78	94	37693	9.464	ug/L	97
9) Trichlorofluoromethane	3.26	101	73733	16.431	ug/L	98
12) 1,1-Dichloroethene	4.04	96	118945	21.878	ug/L	94
13) Acetone	4.13	43	96712	73.461	ug/L	100
15) Methyl Acetate	4.68	43	107125	43.156	ug/L	99
16) Methylene chloride	4.92	84	85227	12.298	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	267992	34.858	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	61980	10.796	ug/L	95
21) 2-Butanone	7.15	43	3751	2.304	ug/L #	54
22) cis-1,2-Dichloroethene	7.17	96	162342	27.027	ug/L	98
23) Bromochloromethane	7.52	128	41578	15.785	ug/L	95
27) 1,2-Dichloroethane	8.40	62	76530	10.726	ug/L	98
30) Cyclohexane	7.96	56	100774	10.487	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	94044	10.568	ug/L	99
32) Carbon tetrachloride	8.07	117	105503	13.074	ug/L	100
35) Trichloroethene	9.09	95	260233	42.499	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

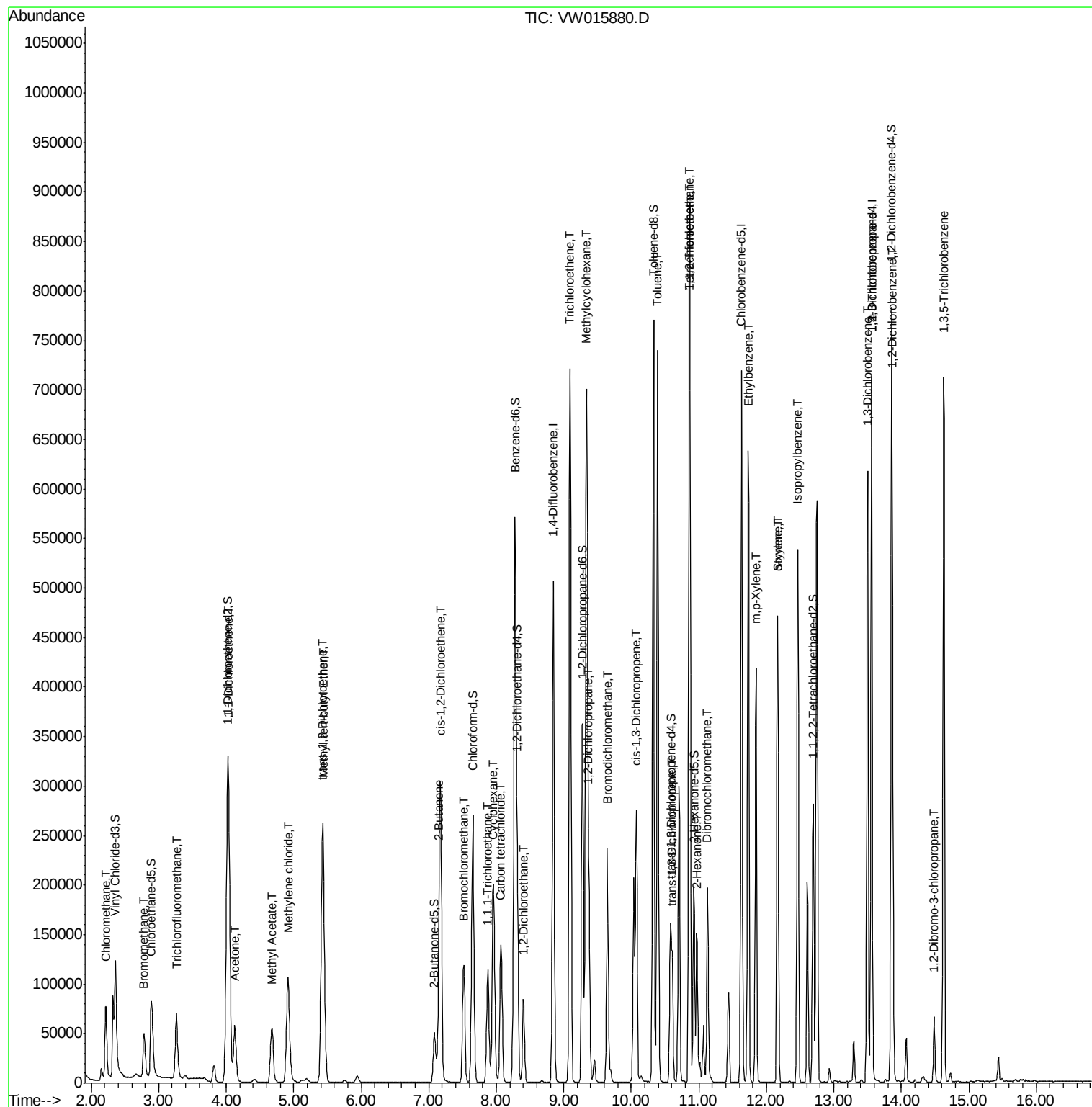
36) Methylcyclohexane	9.34	83	287616	27.374	ug/L	100
40) 1,2-Dichloropropane	9.37	63	78579	13.703	ug/L	100
41) Bromodichloromethane	9.65	83	157102	21.214	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	161530	18.495	ug/L	98
44) Toluene	10.39	91	527787	21.740	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	64704	8.547	ug/L	100
46) 1,1,2-Trichloroethane	10.87	97	1934	0.469	ug/L #	5
47) Tetrachloroethene	10.87	164	198897	41.848	ug/L	96
49) 2-Hexanone	10.97	43	87617	36.888	ug/L	93
50) Dibromochloromethane	11.13	129	101992	21.364	ug/L	100
53) Ethylbenzene	11.73	91	441494	16.172	ug/L	97
54) m,p-Xylene	11.85	106	110290	10.798	ug/L	94
55) o-xylene	12.17	106	128285	13.339	ug/L	100
56) Styrene	12.17	104	7149	0.437	ug/L #	1
57) Isopropylbenzene	12.47	105	350327	13.381	ug/L	99
59) 1,2,3-Trichloropropane	13.56	75	23293	6.420	ug/L	93
63) 1,3-Dichlorobenzene	13.50	146	244990	20.706	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	110922	10.321	ug/L	90
66) 1,2-Dibromo-3-chloropropan	14.49	75	16725	20.676	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	207366	24.925	ug/L	96

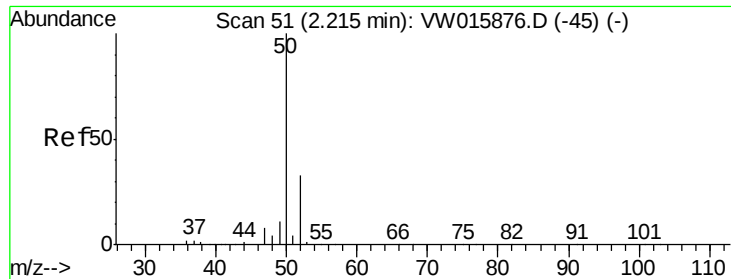
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#3

Chloromethane

Concen: 19.431 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

Instrument :

MSVOA_W

ClientSampleId :

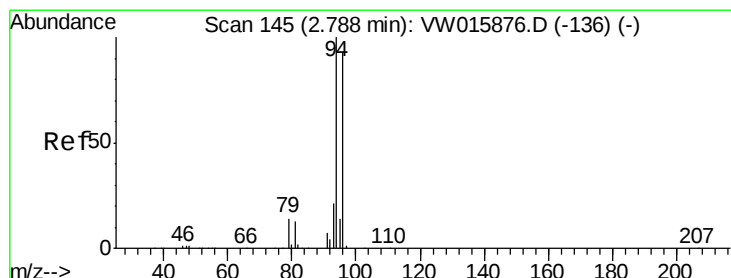
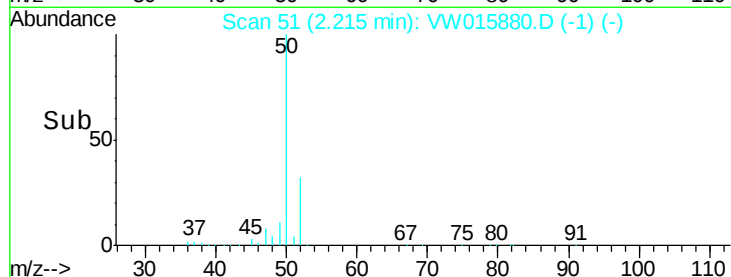
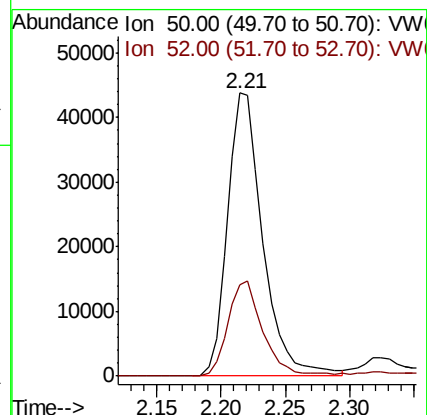
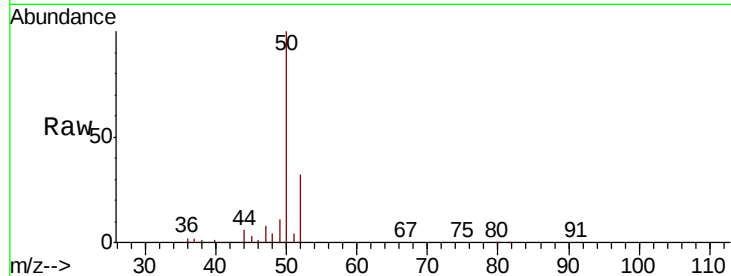
GAXY9

Tot Ion: 50 Resp: 84105

Ion Ratio Lower Upper

50 100

52 32.3 22.8 42.4



#6

Bromomethane

Concen: 9.464 ug/L

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015880.D

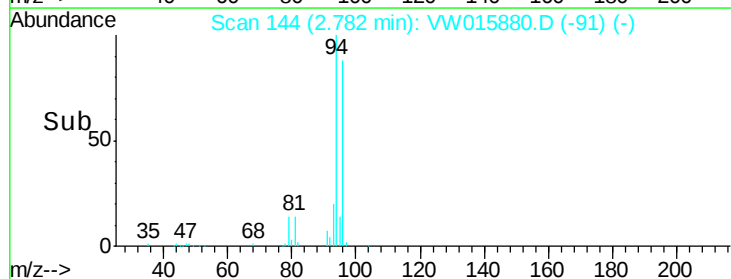
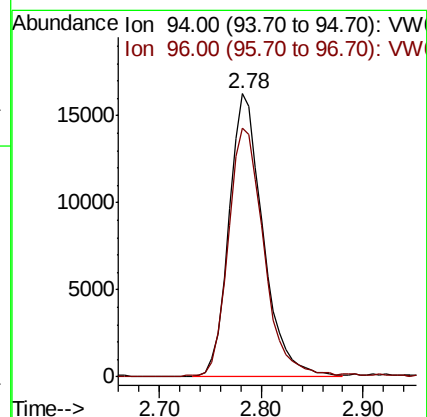
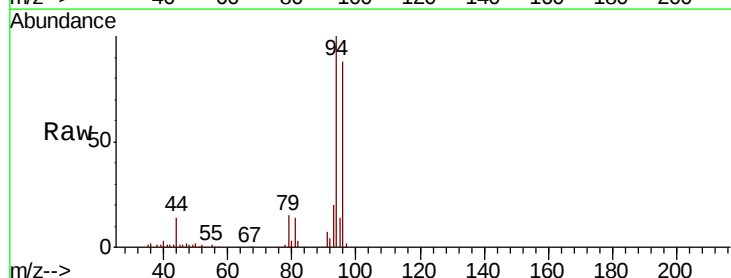
Acq: 21 Jul 2020 11:29

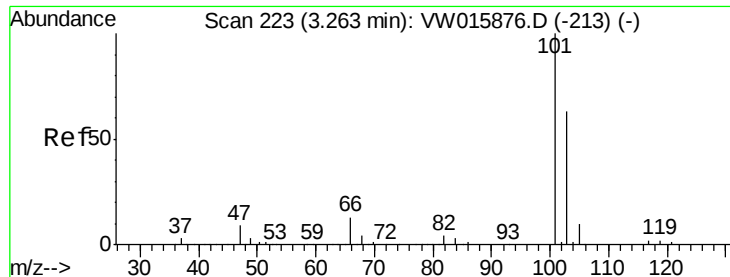
Tgt Ion: 94 Resp: 37693

Ion Ratio Lower Upper

94 100

96 91.5 9.5 180.1



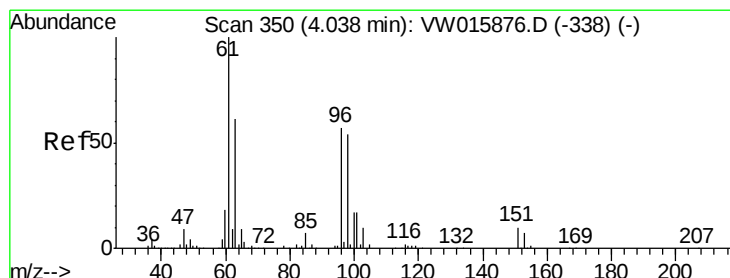
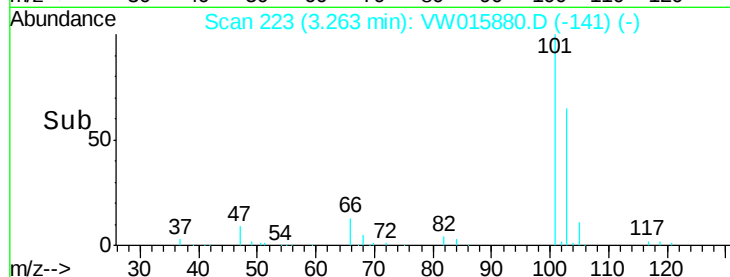
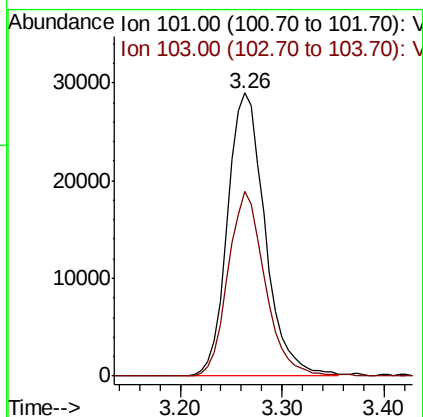
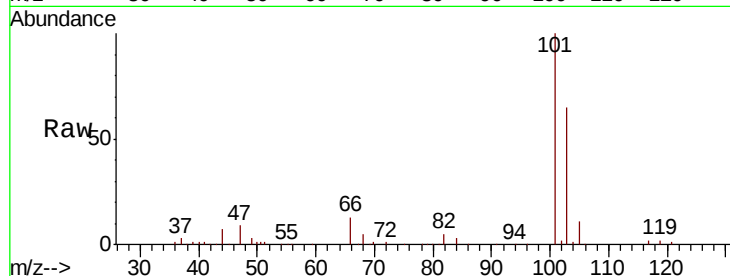


#9

Trichlorofluoromethane
Concen: 16.431 ug/L
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW015880.D
Acq: 21 Jul 2020 11:29

Instrument :
MSVOA_W
ClientSampleId :
GAXY9

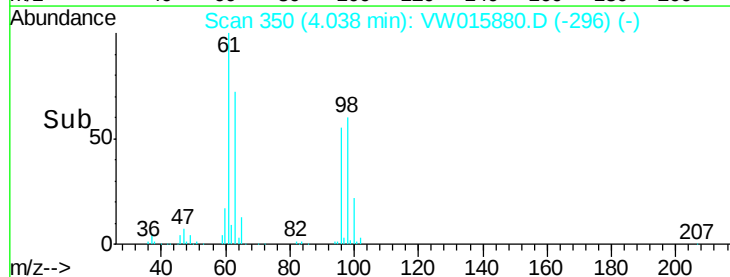
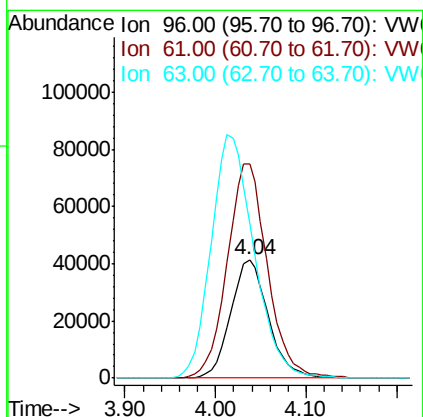
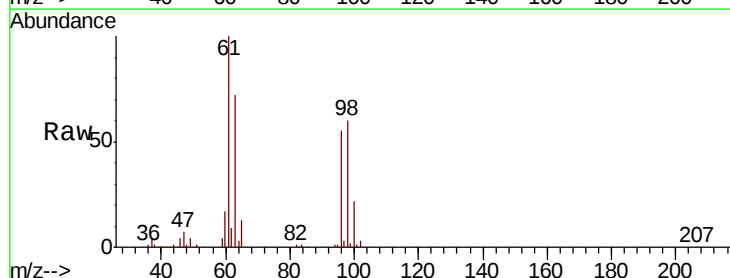
Tot Ion:101 Resp: 73733
Ion Ratio Lower Upper
101 100
103 64.2 45.8 85.2

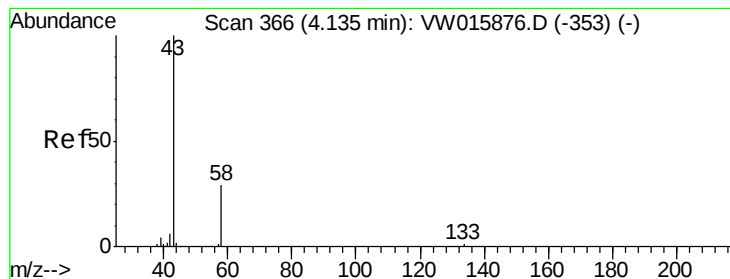


#12

1,1-Dichloroethene
Concen: 21.878 ug/L
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW015880.D
Acq: 21 Jul 2020 11:29

Tgt Ion: 96 Resp: 118945
Ion Ratio Lower Upper
96 100
61 181.0 125.0 232.2
63 130.5 82.3 152.8





#13

Acetone

Concen: 73.461 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

Instrument :

MSVOA_W

ClientSampled :

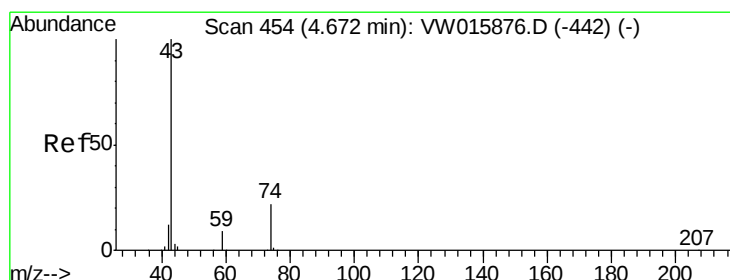
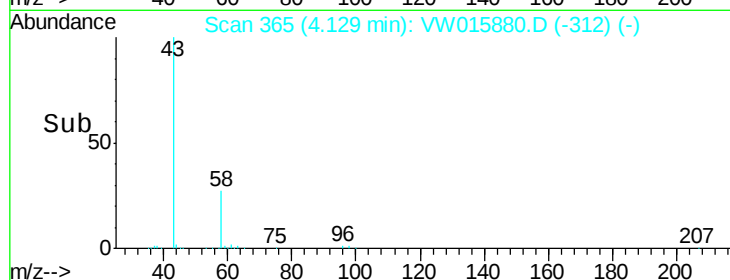
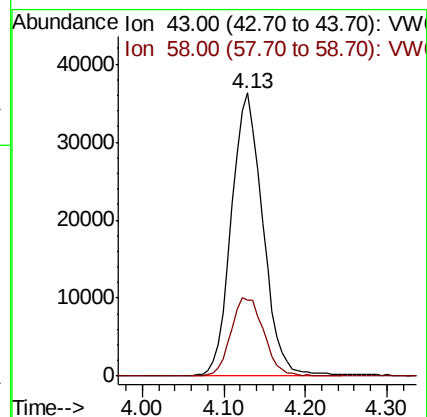
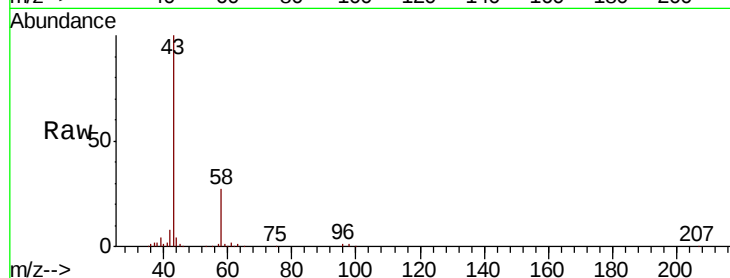
GAXY9

Tot Ion: 43 Resp: 96712

Ion Ratio Lower Upper

43 100

58 28.8 0.0 58.2



#15

Methyl Acetate

Concen: 43.156 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW015880.D

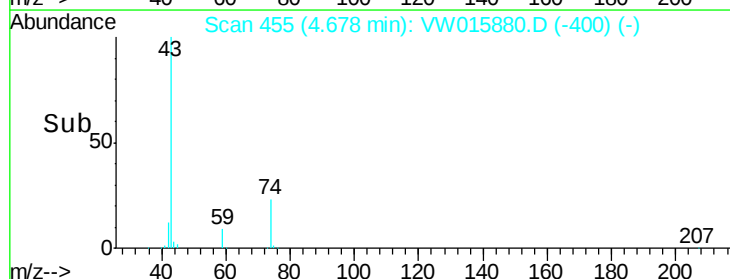
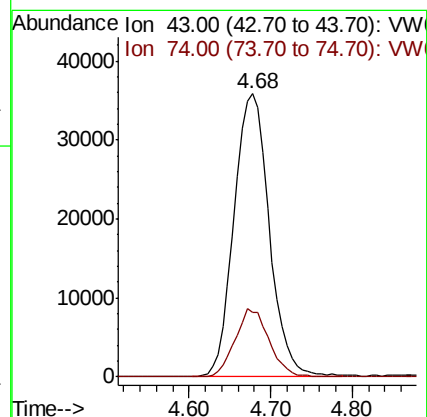
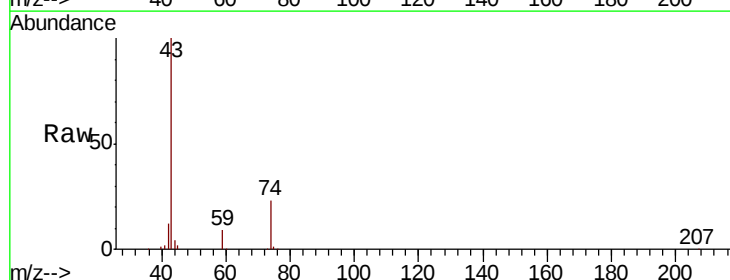
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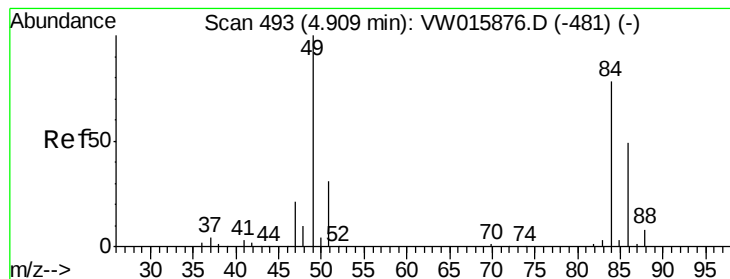
Tgt Ion: 43 Resp: 107125

Ion Ratio Lower Upper

43 100

74 23.2 18.2 27.2





#16

Methylene chloride

Concen: 12.298 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

Instrument :

MSVOA_W

ClientSampleId :

GAXY9

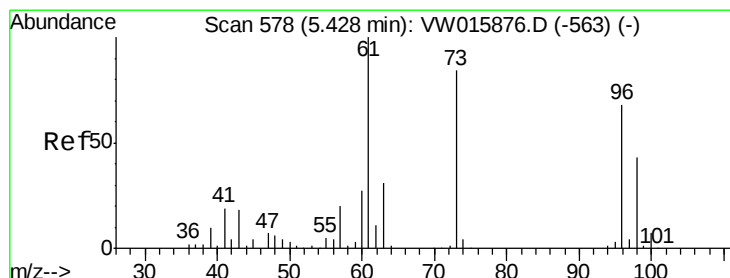
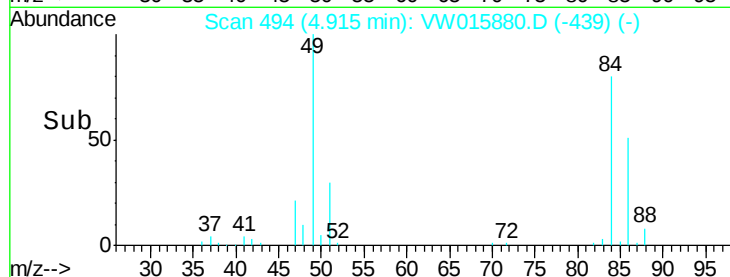
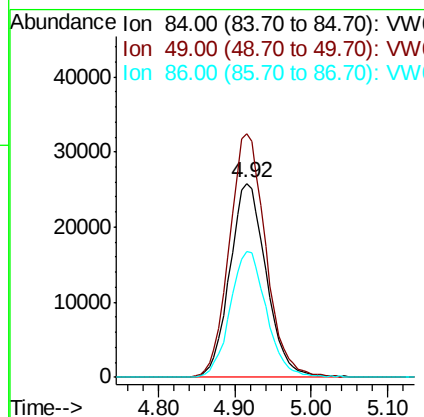
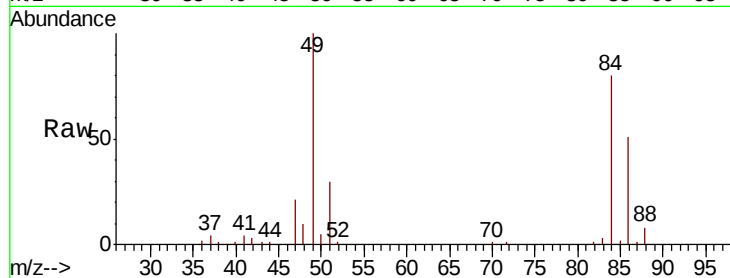
Tot Ion: 84 Resp: 85227

Ion Ratio Lower Upper

84 100

49 125.3 91.1 169.1

86 64.4 46.0 85.4



#17

Methyl tert-butyl Ether

Concen: 34.858 ug/L

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

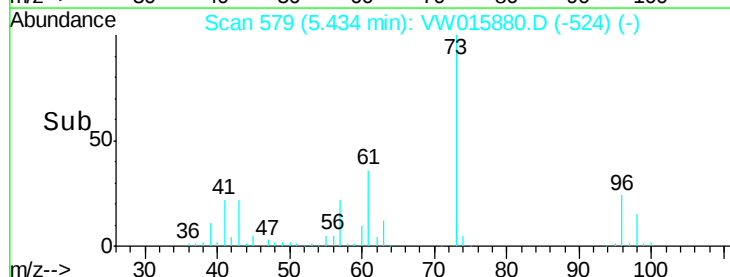
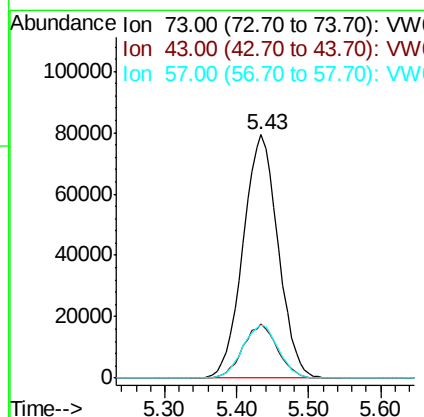
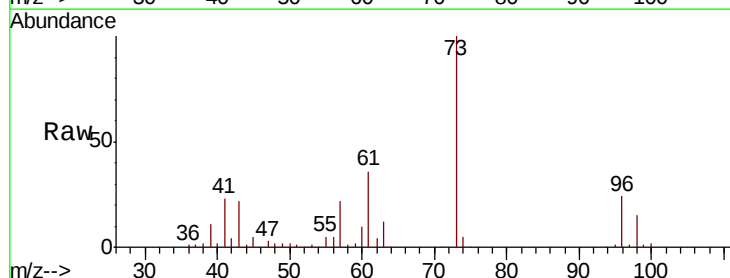
Tgt Ion: 73 Resp: 267992

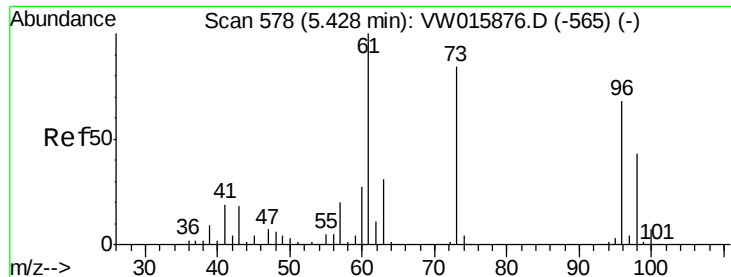
Ion Ratio Lower Upper

73 100

43 22.1 18.4 27.6

57 22.2 17.8 26.8



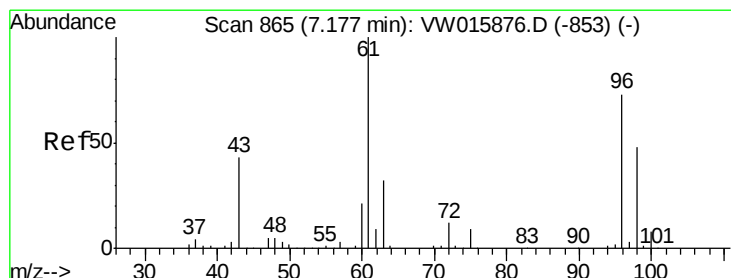
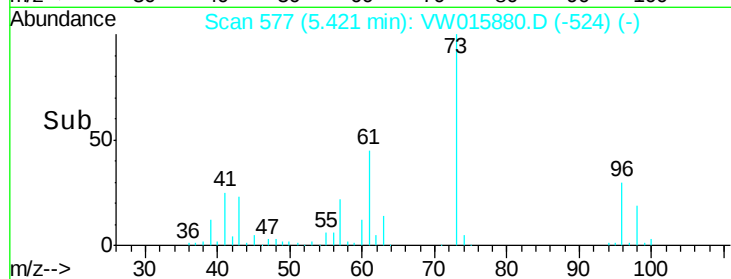
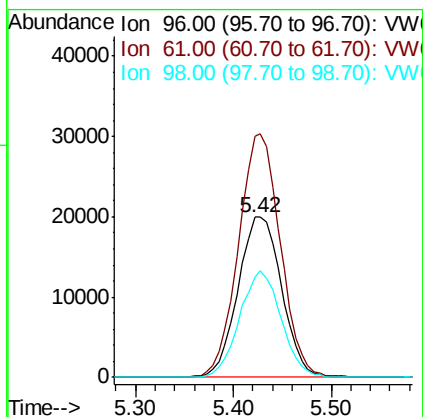
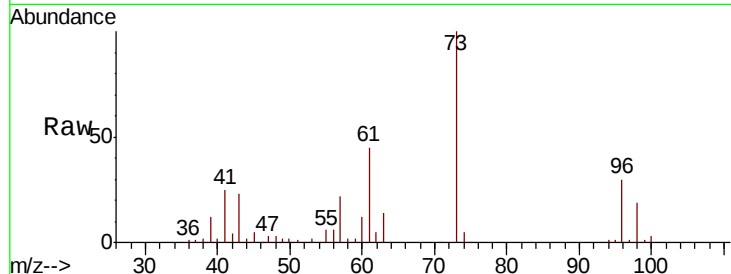


#18
 trans-1,2-Dichloroethene
 Concen: 10.796 ug/L
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW015880.D
 Acq: 21 Jul 2020 11:29

Instrument :
 MSVOA_W
 ClientSampled :
 GAXY9

Tot Ion: 96 Resp: 61980

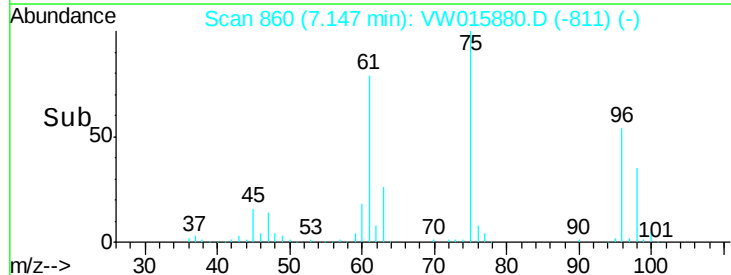
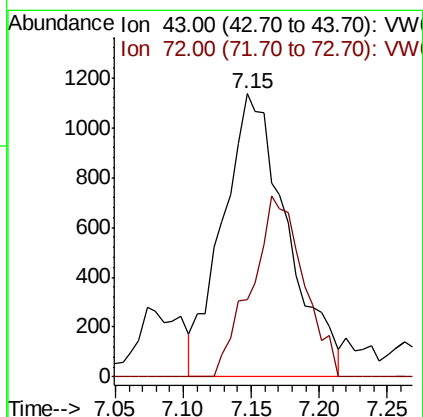
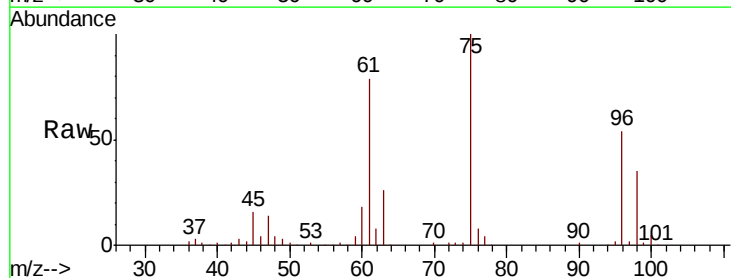
Ion	Ratio	Lower	Upper
96	100		
61	150.1	99.3	184.5
98	62.6	42.9	79.7

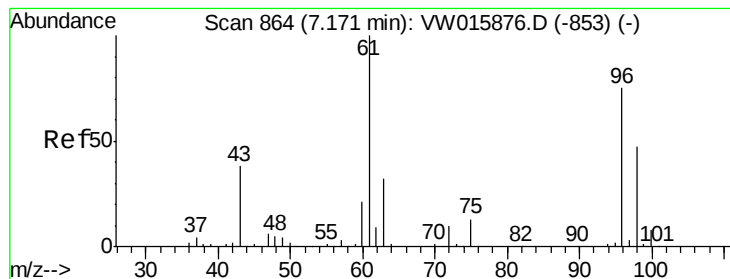


#21
 2-Butanone
 Concen: 2.304 ug/L
 RT: 7.15 min Scan# 860
 Delta R.T. -0.03 min
 Lab File: VW015880.D
 Acq: 21 Jul 2020 11:29

Tgt Ion: 43 Resp: 3751

Ion	Ratio	Lower	Upper
43	100		
72	51.7	13.9	41.7#



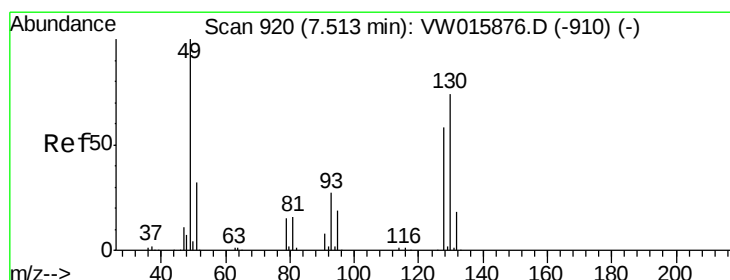
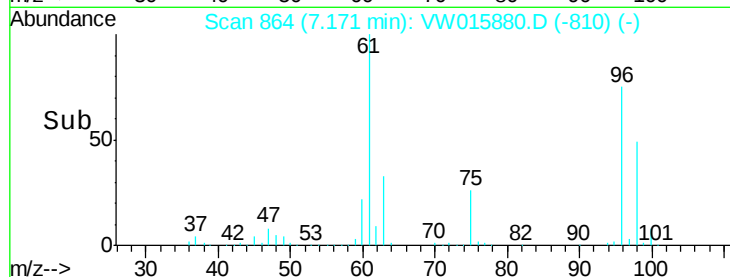
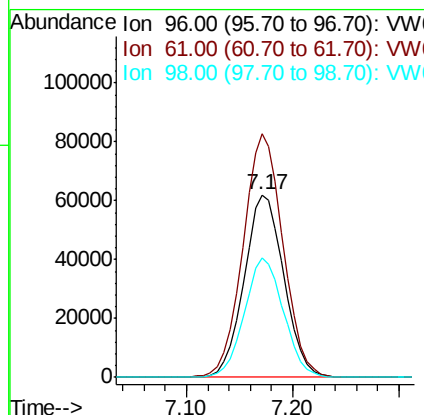
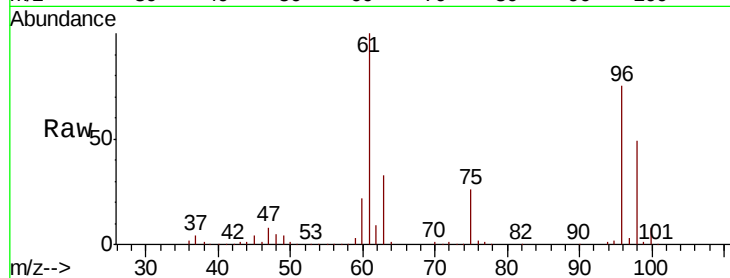


#22

cis-1,2-Dichloroethene
 Concen: 27.027 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
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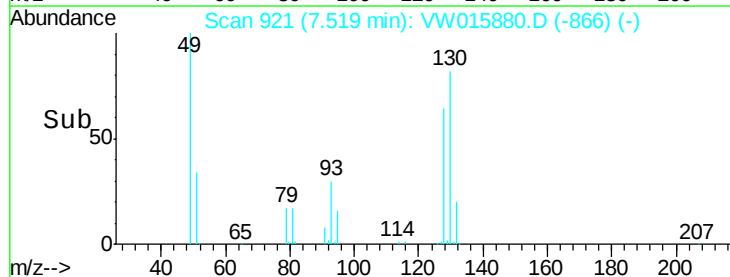
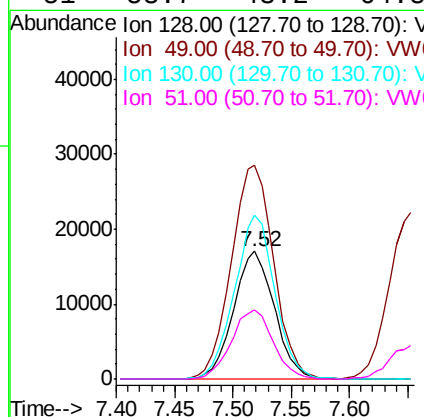
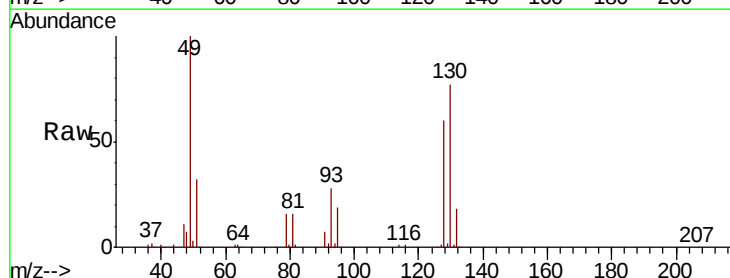
Tot Ion: 96 Resp: 162342
 Ion Ratio Lower Upper
 96 100
 61 133.5 94.6 175.8
 98 65.5 44.3 82.3

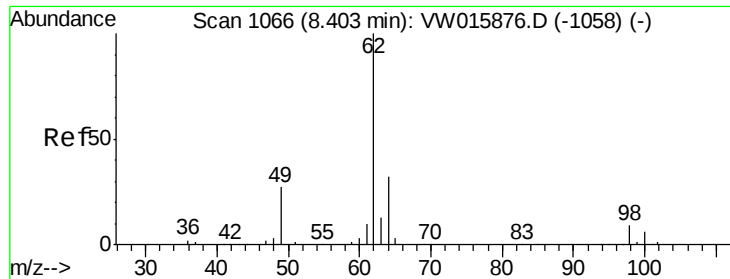


#23

Bromochloromethane
 Concen: 15.785 ug/L
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW015880.D
 Acq: 21 Jul 2020 11:29

Tgt Ion: 128 Resp: 41578
 Ion Ratio Lower Upper
 128 100
 49 167.0 122.4 227.2
 130 127.8 93.9 174.5
 51 53.7 43.2 64.8

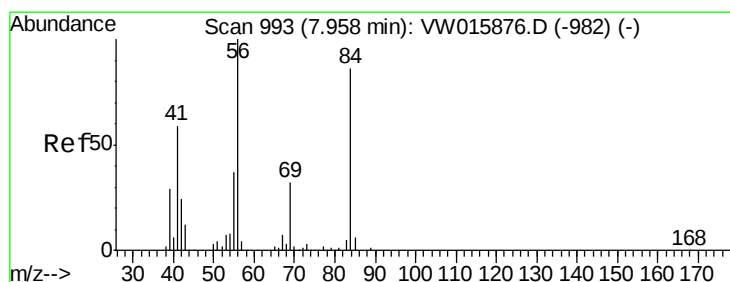
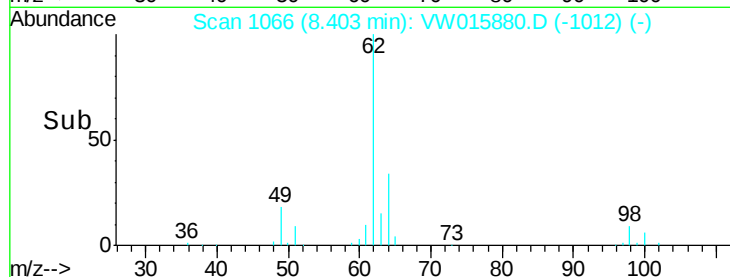
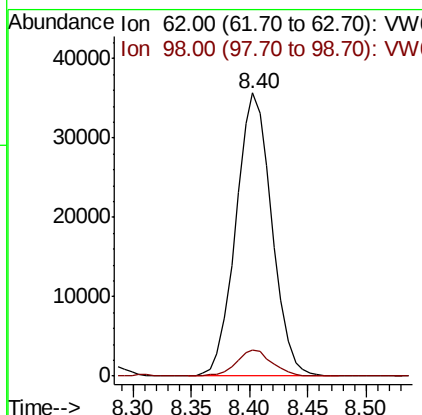
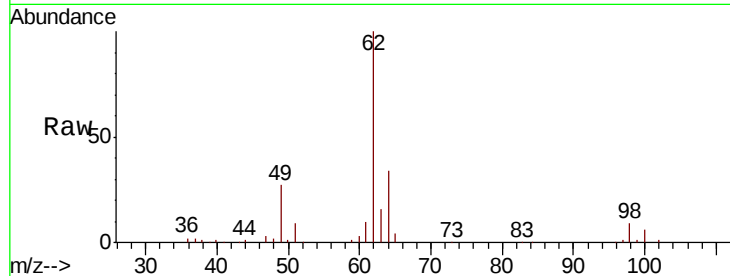




#27
 1,2-Dichloroethane
 Concen: 10.726 ug/L
 RT: 8.40 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW015880.D
 Acq: 21 Jul 2020 11:29

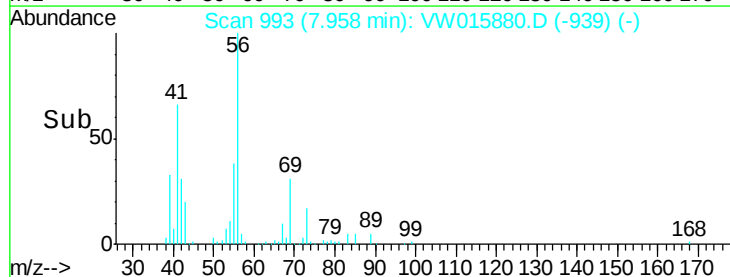
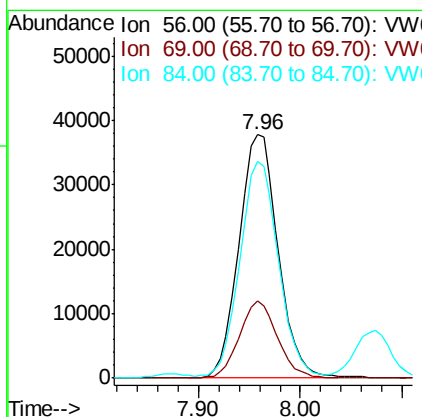
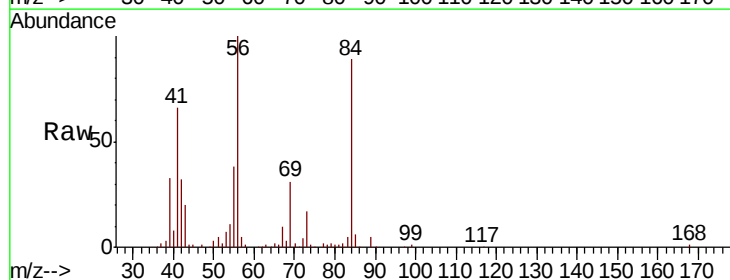
Instrument :
 MSVOA_W
 ClientSampled :
 GAXY9

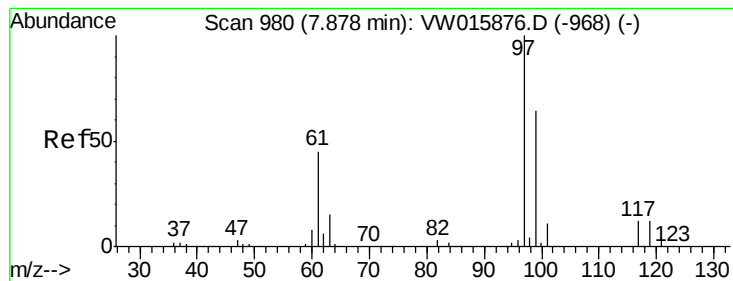
Tot Ion: 62 Resp: 76530
 Ion Ratio Lower Upper
 62 100
 98 9.4 7.0 10.6



#30
 Cyclohexane
 Concen: 10.487 ug/L
 RT: 7.96 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VW015880.D
 Acq: 21 Jul 2020 11:29

Tgt Ion: 56 Resp: 100774
 Ion Ratio Lower Upper
 56 100
 69 30.9 24.4 36.6
 84 88.5 69.3 103.9





#31

1,1,1-Trichloroethane

Concen: 10.568 ug/L

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

Instrument :

MSVOA_W

ClientSampled :

GAXY9

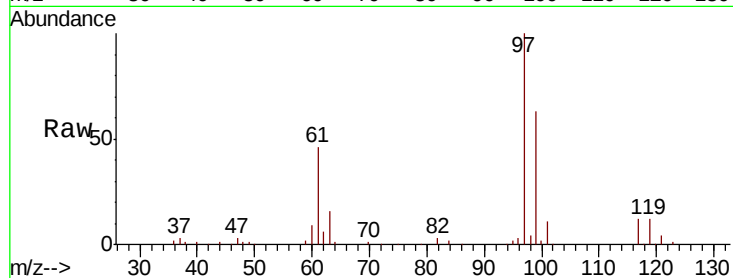
Tot Ion: 97 Resp: 94044

Ion Ratio Lower Upper

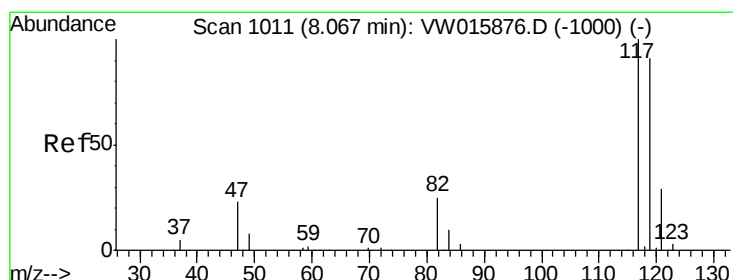
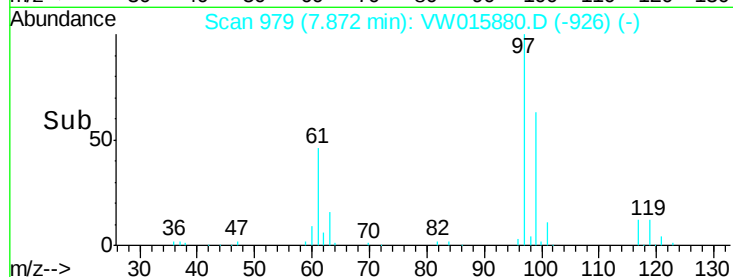
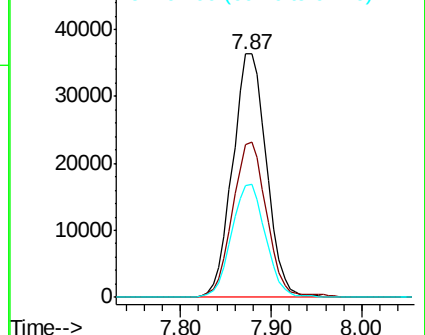
97 100

99 63.8 51.9 77.9

61 46.2 37.6 56.4



Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 99.00 (98.70 to 99.70): VW
Ion 61.00 (60.70 to 61.70): VW



#32

Carbon tetrachloride

Concen: 13.074 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW015880.D

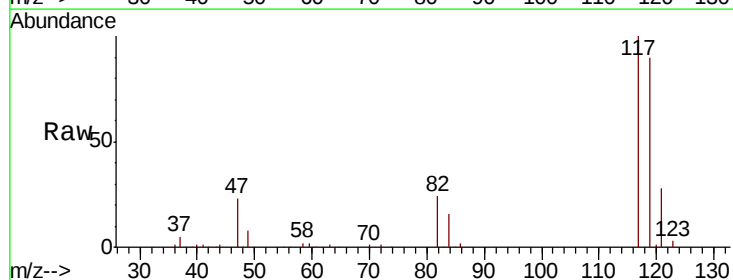
Acq: 21 Jul 2020 11:29

Tgt Ion: 117 Resp: 105503

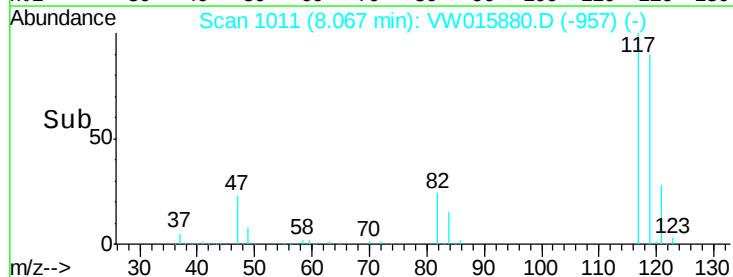
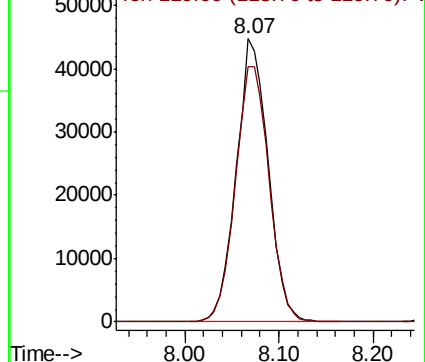
Ion Ratio Lower Upper

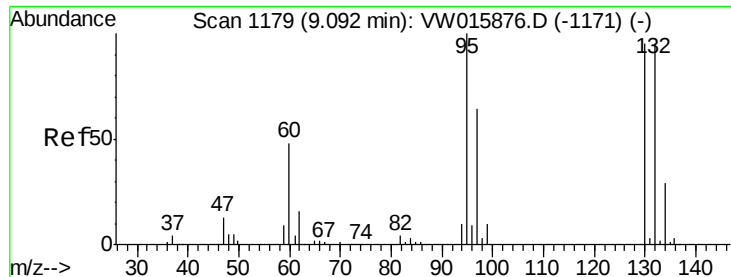
117 100

119 95.5 76.4 114.6



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V





#35

Trichloroethene

Concen: 42.499 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

Instrument :

MSVOA_W

ClientSampleId :

GAXY9

Tot Ion: 95 Resp: 260233

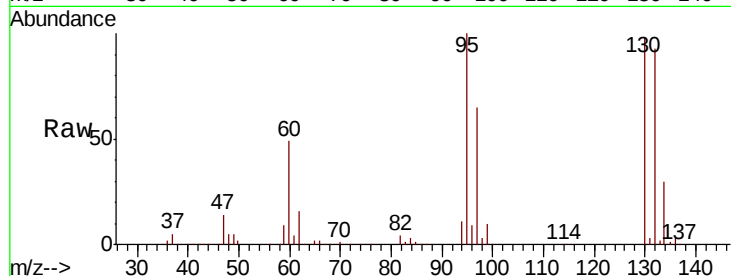
Ion Ratio Lower Upper

95 100

97 64.5 44.4 82.4

132 92.5 65.1 120.9

130 98.3 68.6 127.4

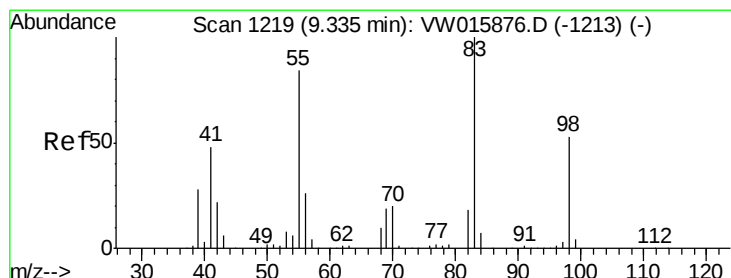
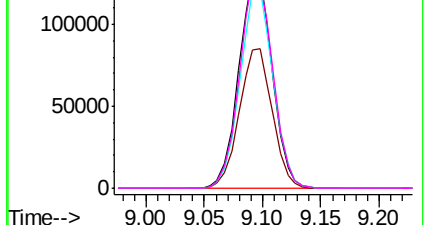
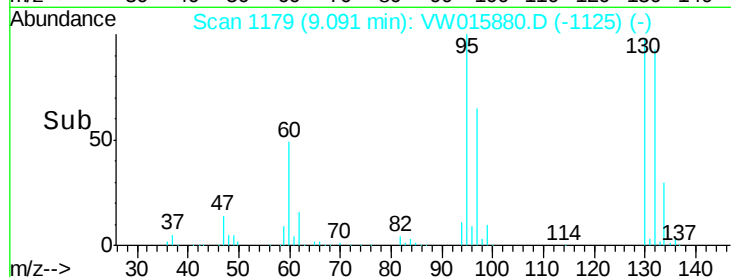


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 27.374 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

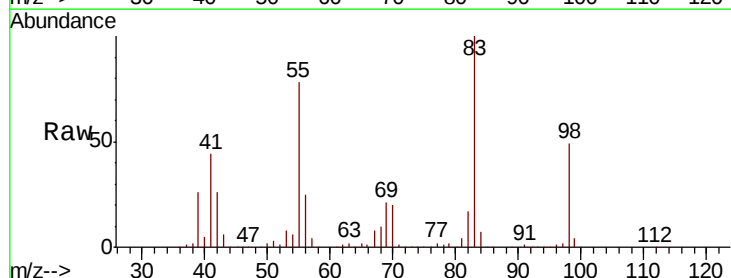
Tgt Ion: 83 Resp: 287616

Ion Ratio Lower Upper

83 100

55 79.1 63.5 95.3

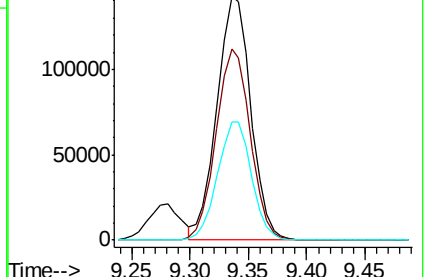
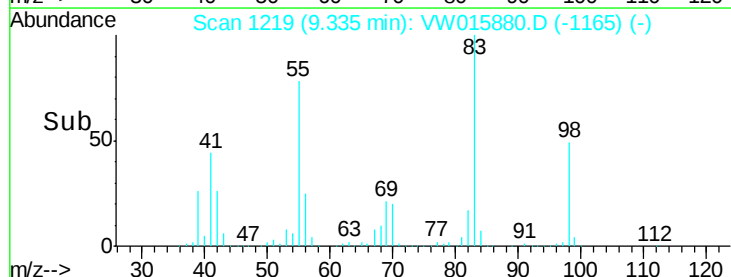
98 48.7 39.0 58.4

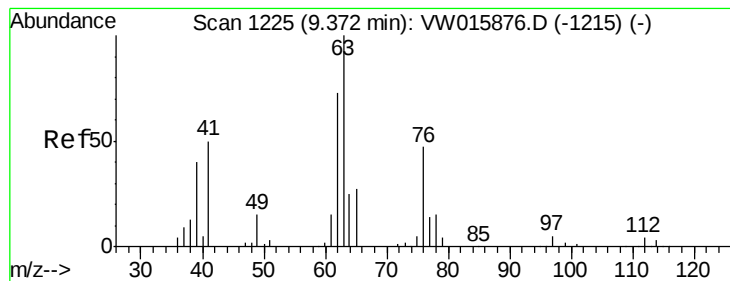


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 13.703 ug/L

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

Instrument :

MSVOA_W

ClientSampled :

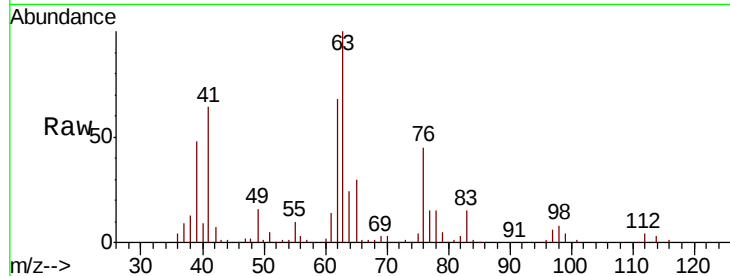
GAXY9

Tot Ion: 63 Resp: 78579

Ion Ratio Lower Upper

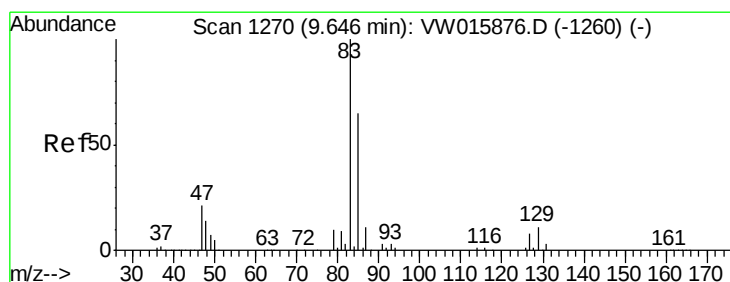
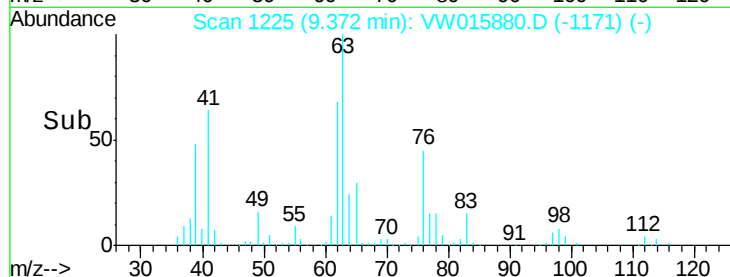
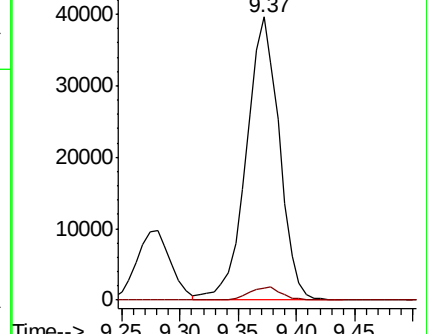
63 100

112 4.7 3.7 5.5



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 21.214 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

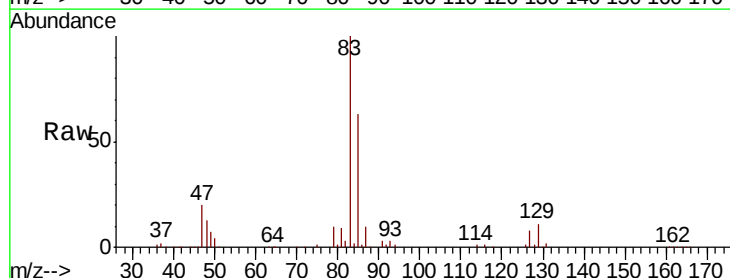
Tgt Ion: 83 Resp: 157102

Ion Ratio Lower Upper

83 100

85 62.8 43.7 81.1

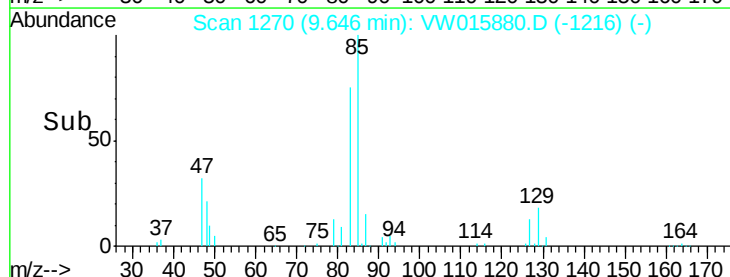
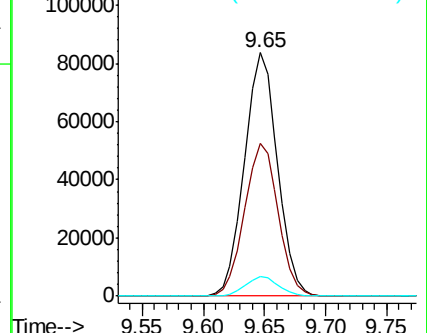
127 7.8 6.5 9.7

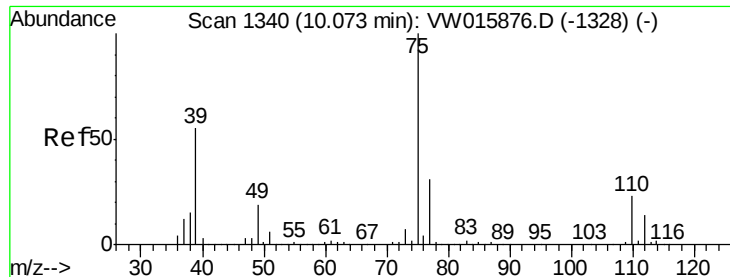


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 127.00 (126.70 to 127.70): V

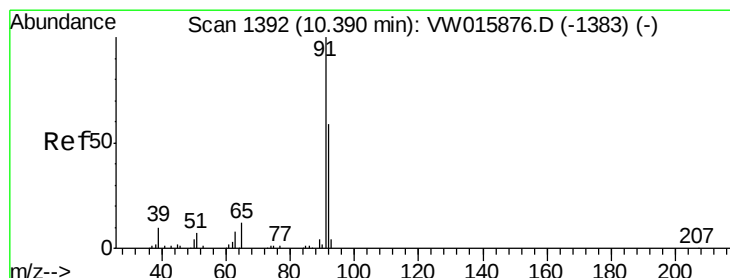
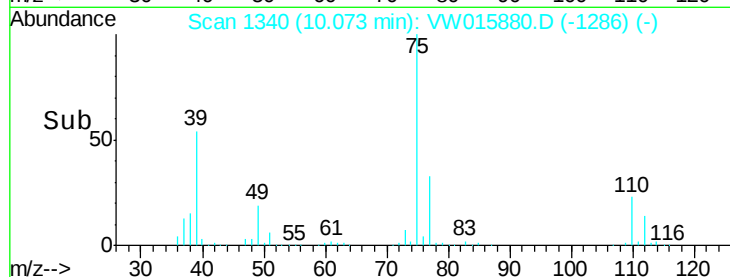
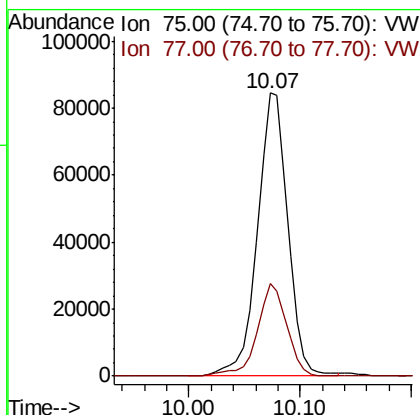
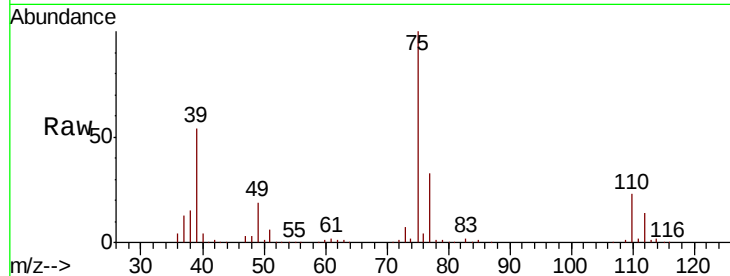




#42
 cis-1,3-Dichloropropene
 Concen: 18.495 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015880.D
 Acq: 21 Jul 2020 11:29

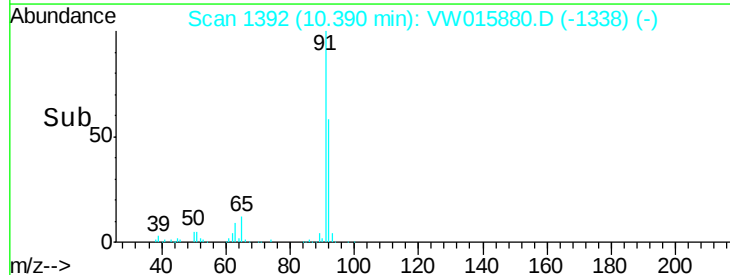
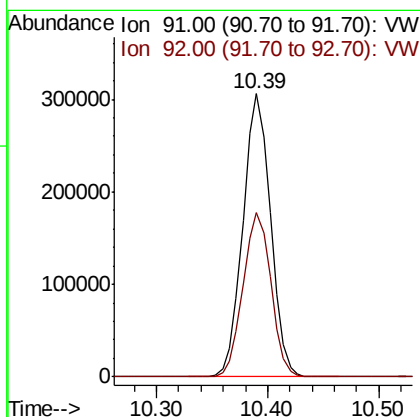
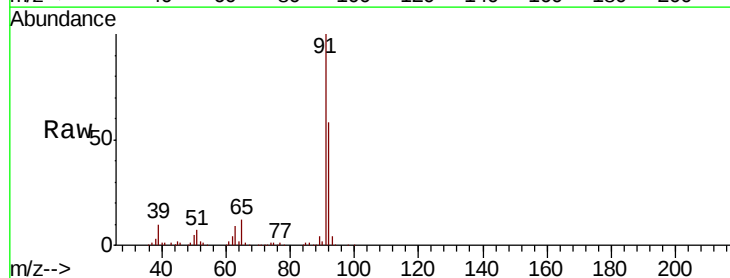
Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY9

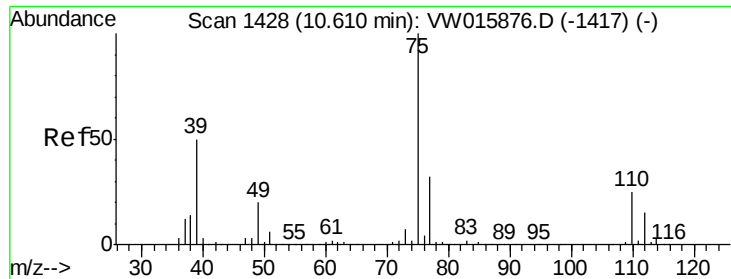
Tot Ion: 75 Resp: 161530
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.2 41.2



#44
 Toluene
 Concen: 21.740 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW015880.D
 Acq: 21 Jul 2020 11:29

Tgt Ion: 91 Resp: 527787
 Ion Ratio Lower Upper
 91 100
 92 58.2 41.2 76.4





#45

trans-1,3-Dichloropropene

Concen: 8.547 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

Instrument :

MSVOA_W

ClientSampled :

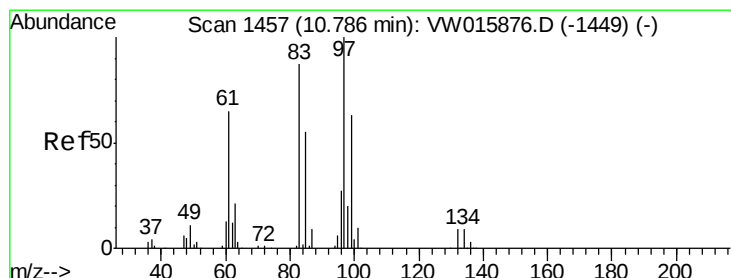
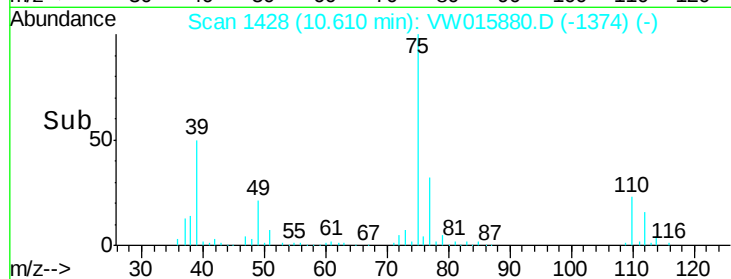
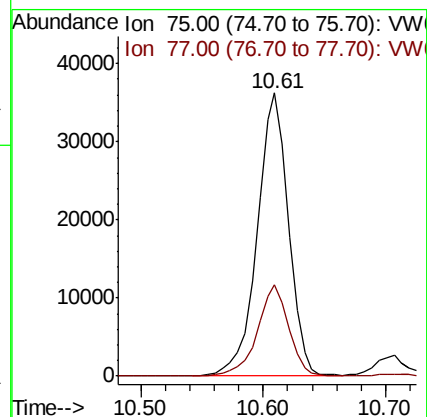
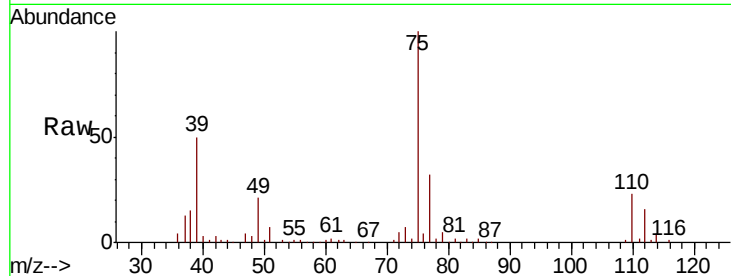
GAXY9

Tot Ion: 75 Resp: 64704

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.9



#46

1,1,2-Trichloroethane

Concen: 0.469 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.08 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

Tgt Ion: 97 Resp: 1934

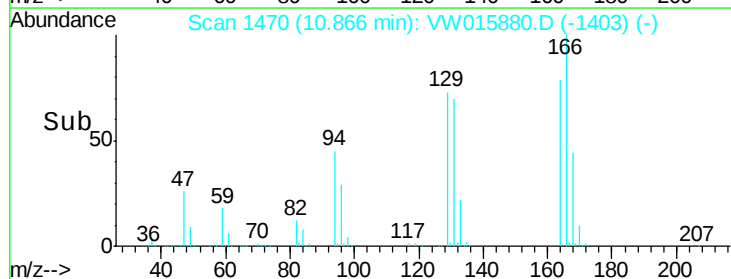
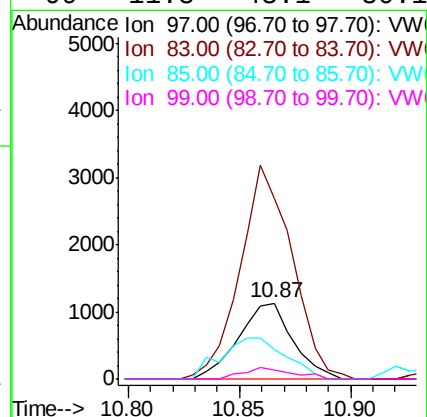
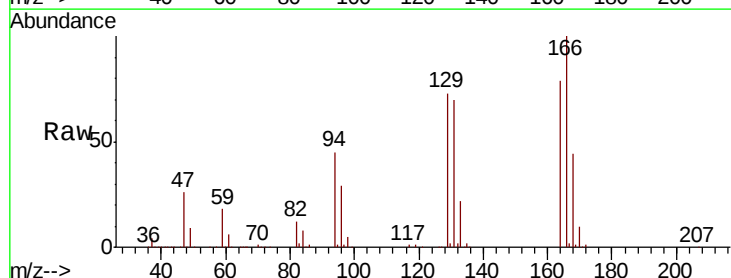
Ion Ratio Lower Upper

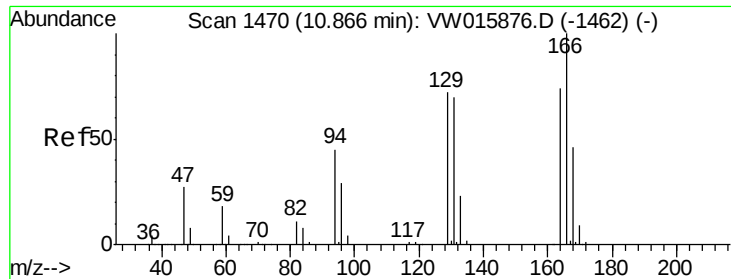
97 100

83 236.3 60.6 112.6#

85 38.8 38.9 72.2#

99 11.8 43.1 80.1#





#47

Tetrachloroethene

Concen: 41.848 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

Instrument :

MSVOA_W

ClientSampleId :

GAXY9

Tot Ion:164 Resp: 198897

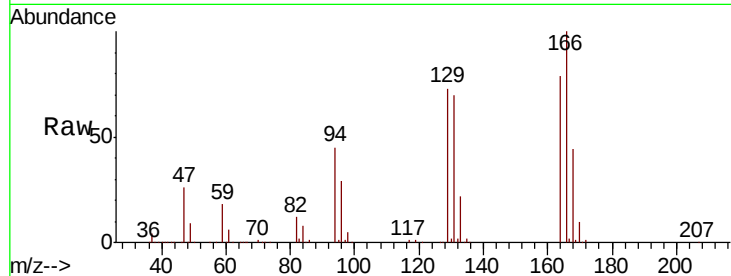
Ion Ratio Lower Upper

164 100

129 93.2 70.0 130.0

131 89.2 67.3 124.9

166 127.2 88.5 164.3

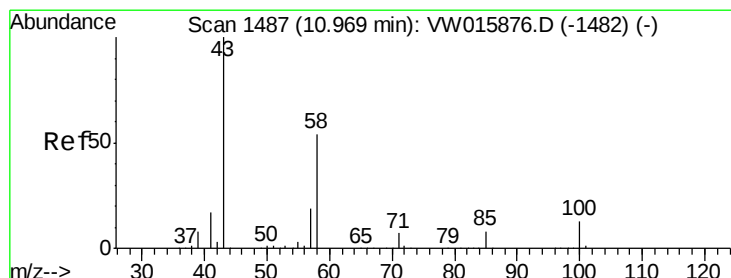
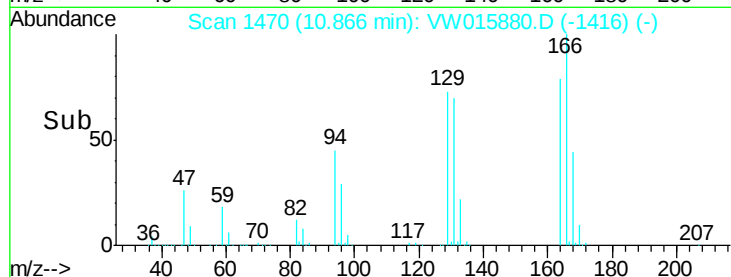
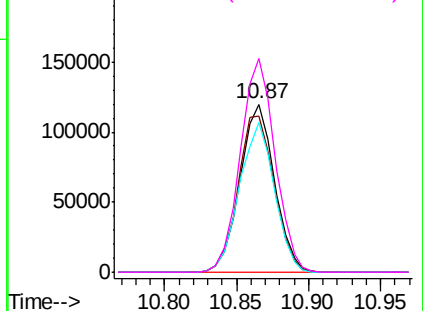


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 36.888 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

Tgt Ion: 43 Resp: 87617

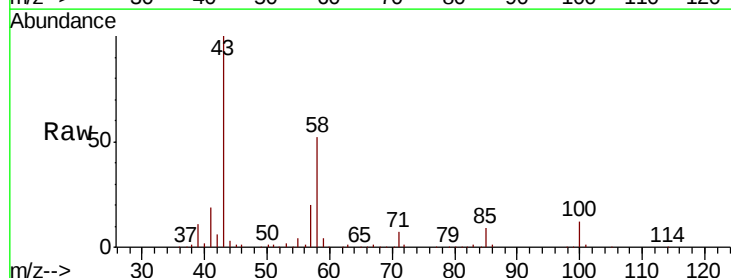
Ion Ratio Lower Upper

43 100

58 60.1 42.4 63.6

57 21.0 15.6 23.4

100 13.2 9.8 14.6

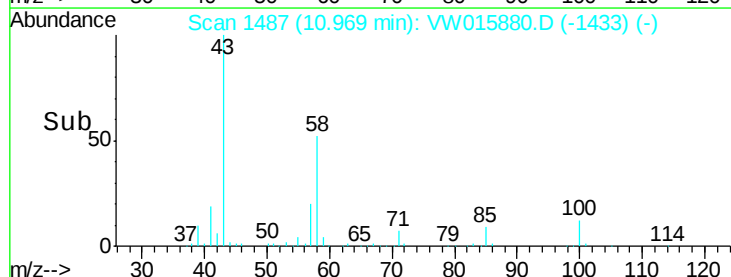
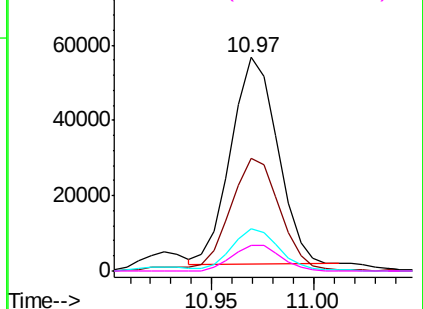


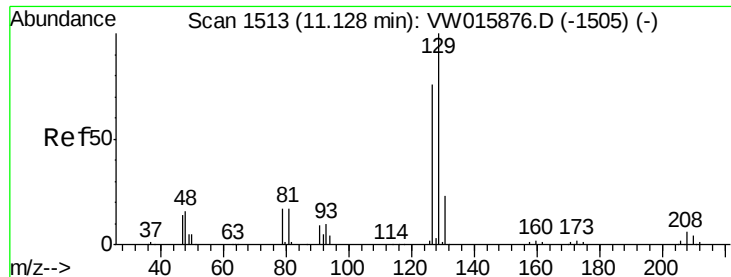
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#50

Dibromochloromethane

Concen: 21.364 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

Instrument :

MSVOA_W

ClientSampleId :

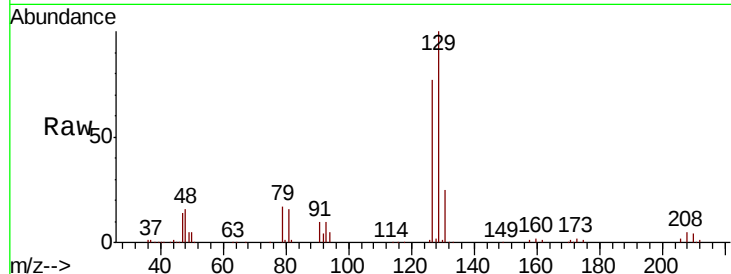
GAXY9

Tot Ion:129 Resp: 101992

Ion Ratio Lower Upper

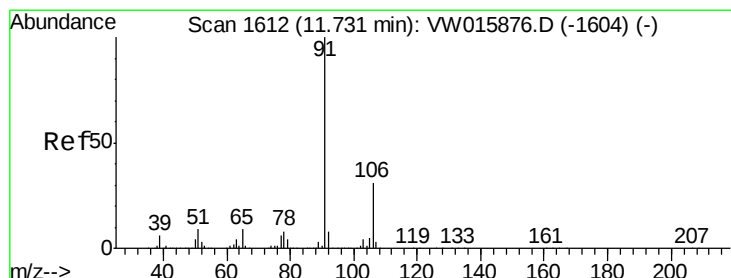
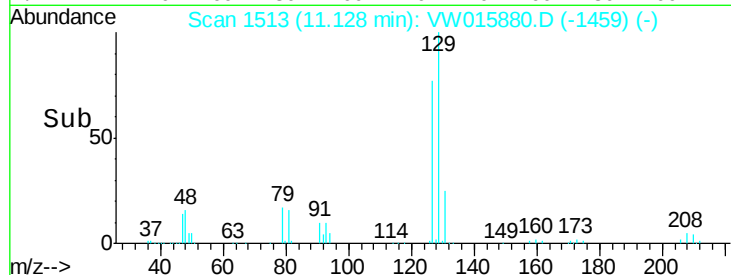
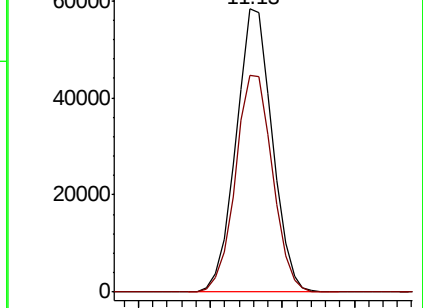
129 100

127 76.6 53.8 100.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#53

Ethylbenzene

Concen: 16.172 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW015880.D

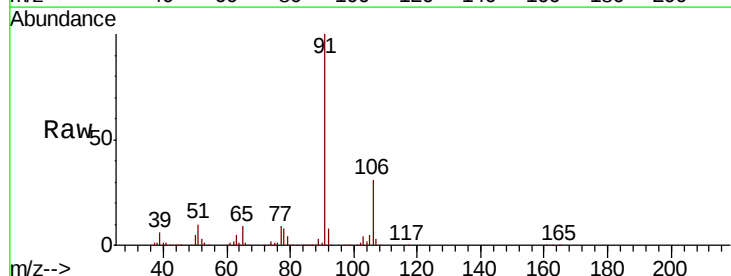
Acq: 21 Jul 2020 11:29

Tgt Ion: 91 Resp: 441494

Ion Ratio Lower Upper

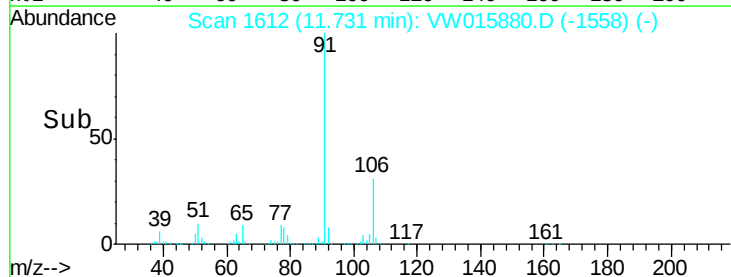
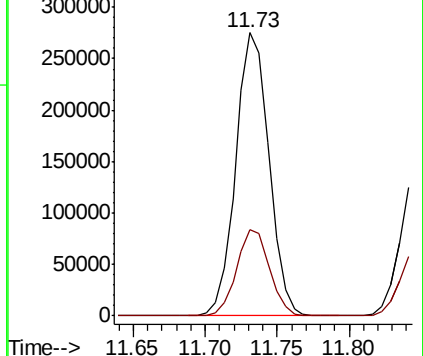
91 100

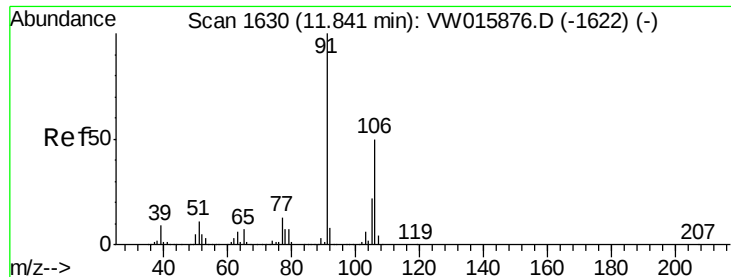
106 30.6 22.4 41.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V





#54

m,p-Xylene

Concen: 10.798 ug/L

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

Instrument :

MSVOA_W

ClientSampleId :

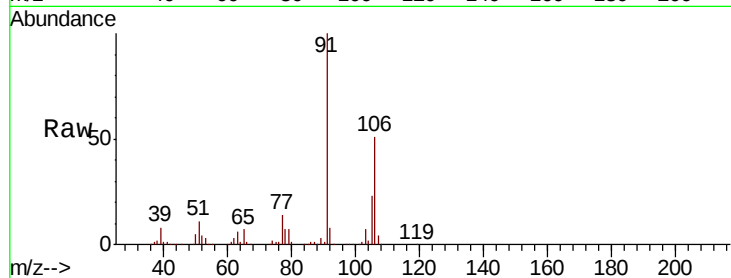
GAXY9

Tot Ion:106 Resp: 110290

Ion Ratio Lower Upper

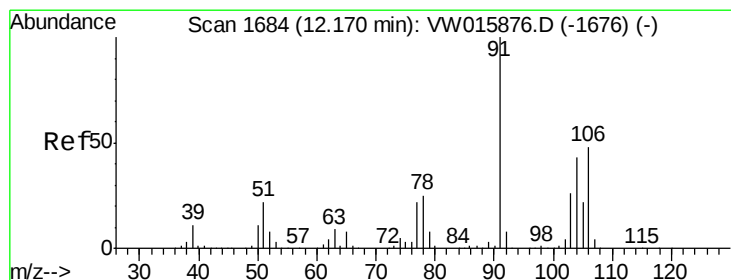
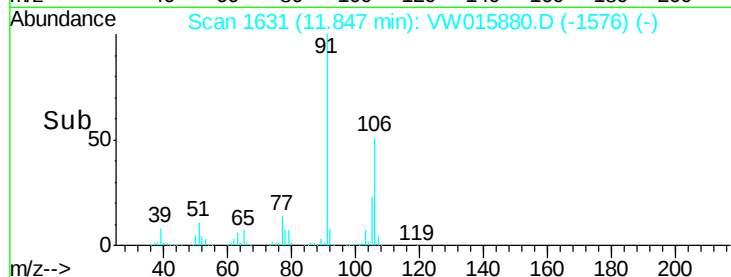
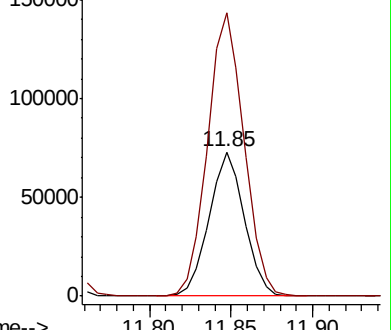
106 100

91 196.2 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 13.339 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VW015880.D

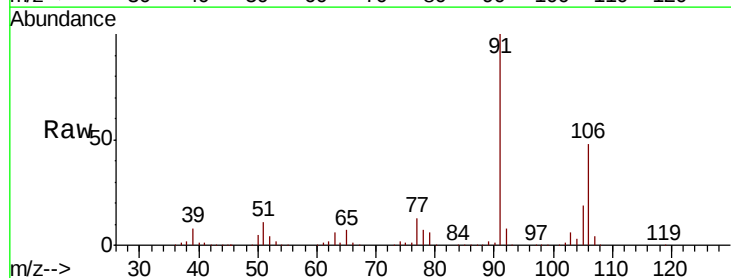
Acq: 21 Jul 2020 11:29

Tgt Ion:106 Resp: 128285

Ion Ratio Lower Upper

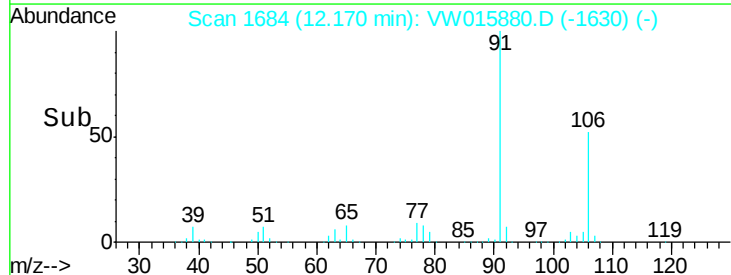
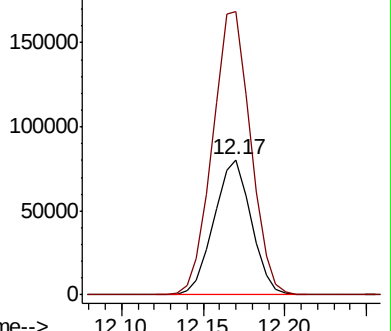
106 100

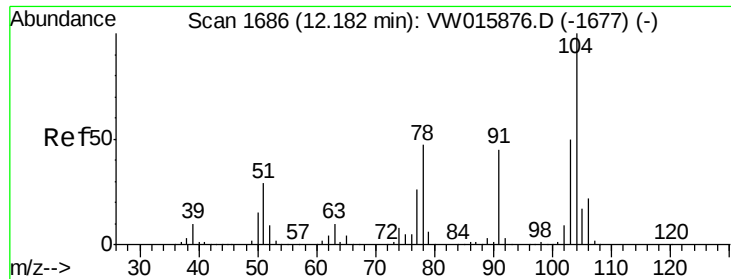
91 209.3 146.8 272.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#56

Stvrene

Concen: 0.437 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. -0.01 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

Instrument :

MSVOA_W

ClientSampleId :

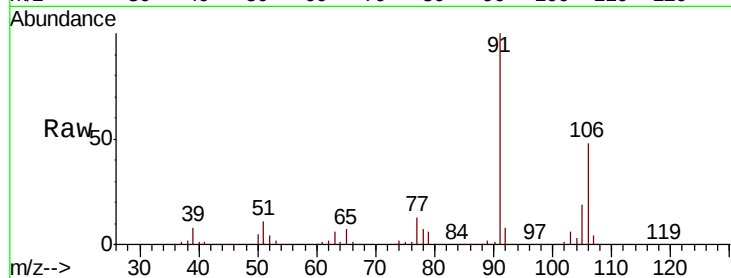
GAXY9

Tot Ion:104 Resp: 7149

Ion Ratio Lower Upper

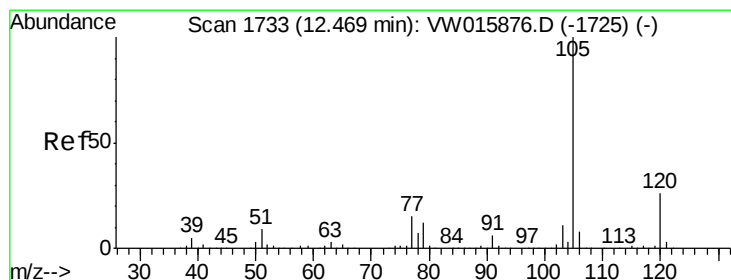
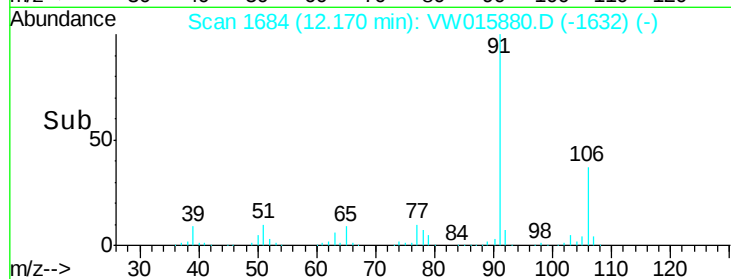
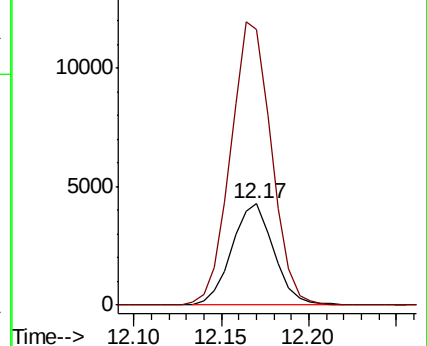
104 100

78 271.4 32.0 59.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW



#57

Isopropylbenzene

Concen: 13.381 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

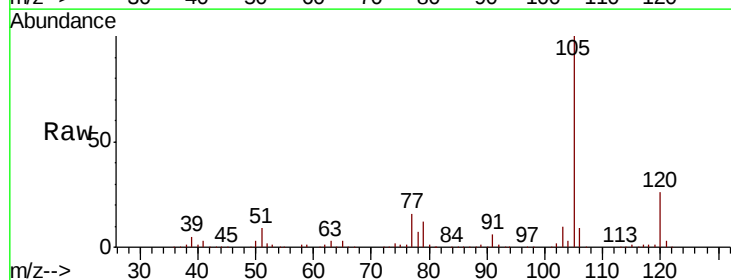
Tgt Ion:105 Resp: 350327

Ion Ratio Lower Upper

105 100

120 26.0 20.4 30.6

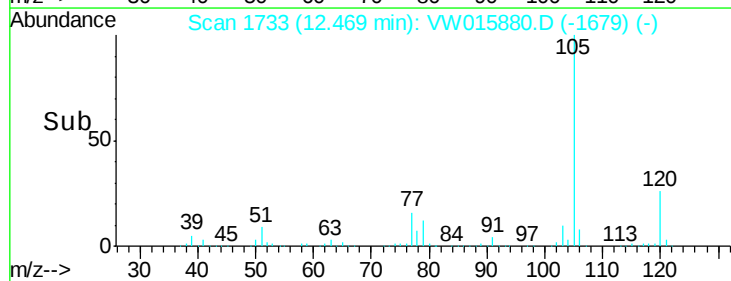
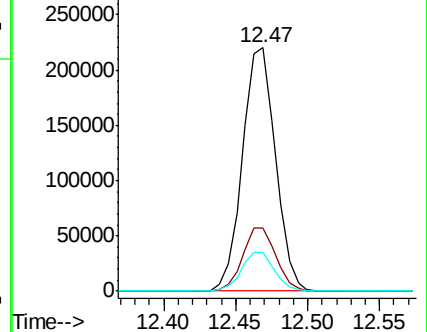
77 16.1 12.9 19.3

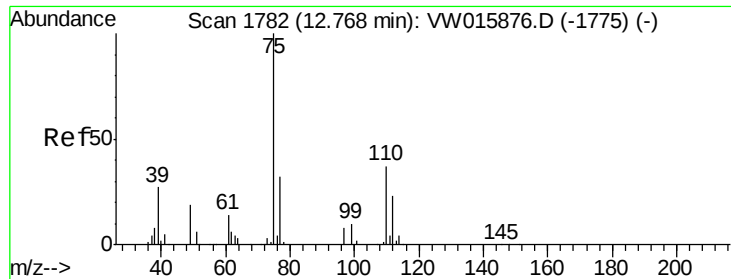


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 6.420 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

Instrument :

MSVOA_W

ClientSampled :

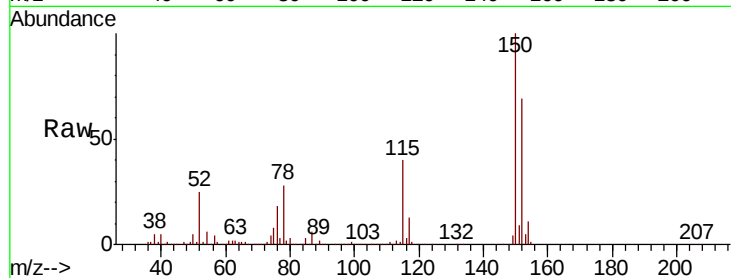
GAXY9

Tot Ion: 75 Resp: 23293

Ion Ratio Lower Upper

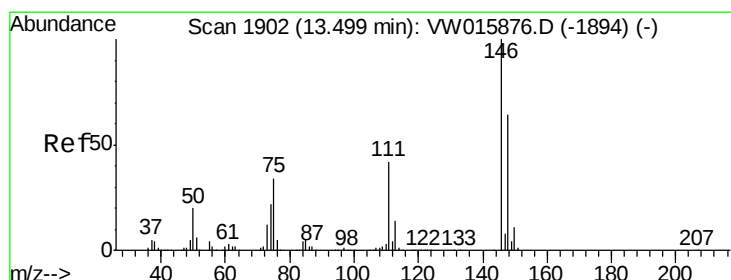
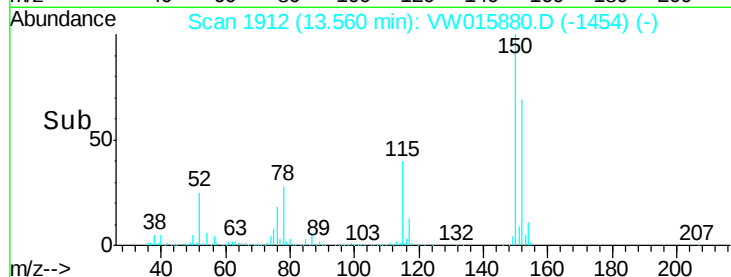
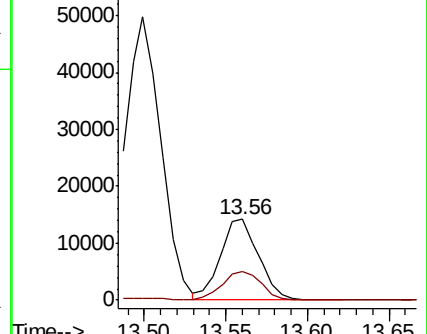
75 100

77 36.2 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#63

1,3-Dichlorobenzene

Concen: 20.706 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015880.D

Acq: 21 Jul 2020 11:29

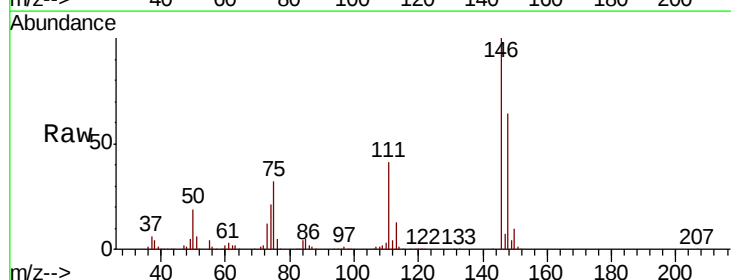
Tgt Ion: 146 Resp: 244990

Ion Ratio Lower Upper

146 100

111 41.4 27.9 51.7

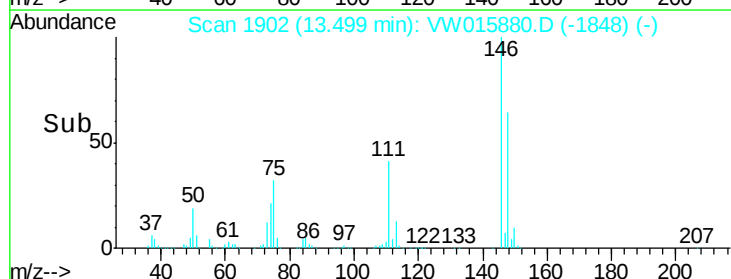
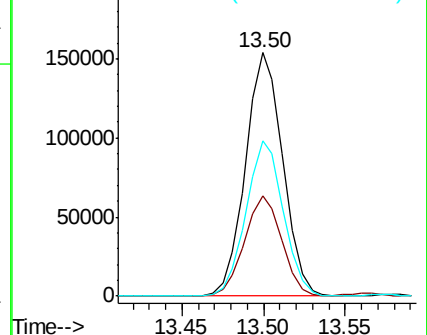
148 63.9 43.2 80.2

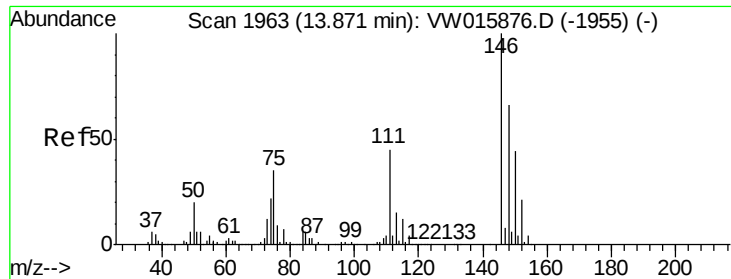


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

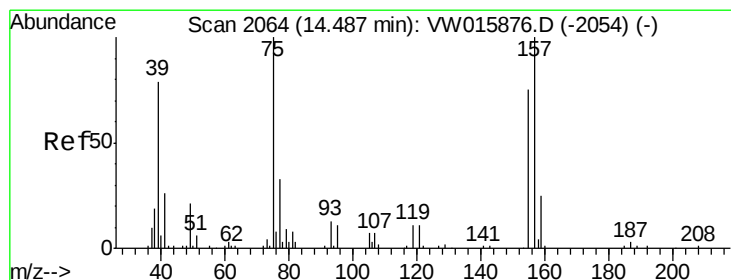
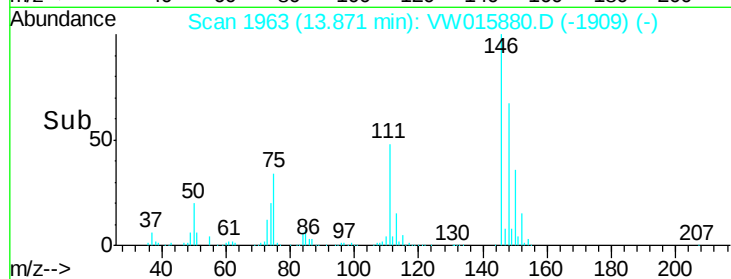
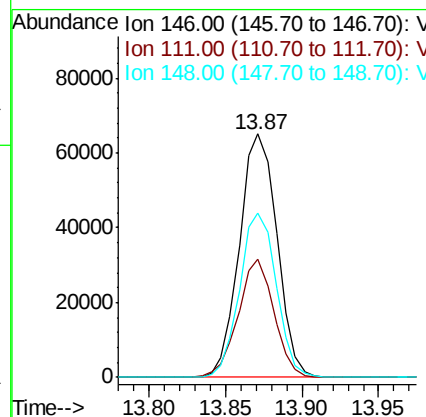
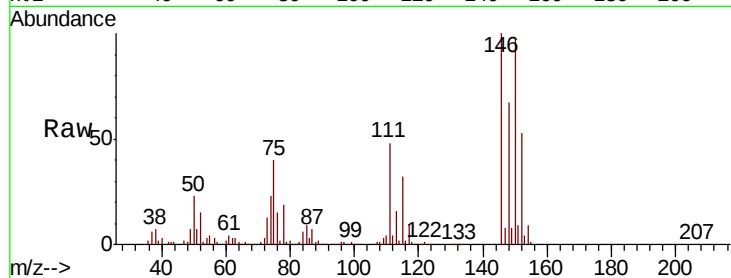




#65
 1,2-Dichlorobenzene
 Concen: 10.321 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015880.D
 Acq: 21 Jul 2020 11:29

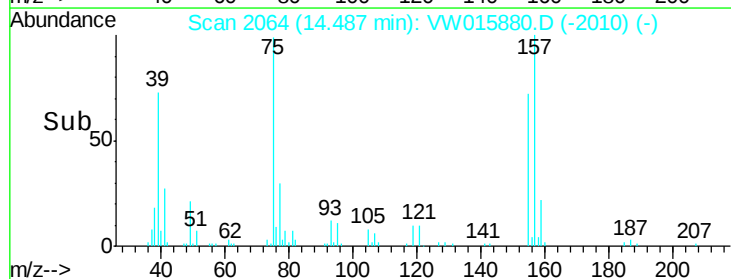
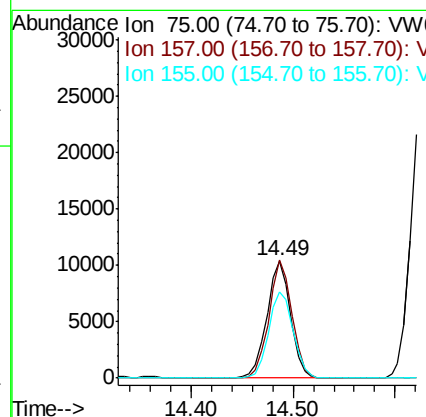
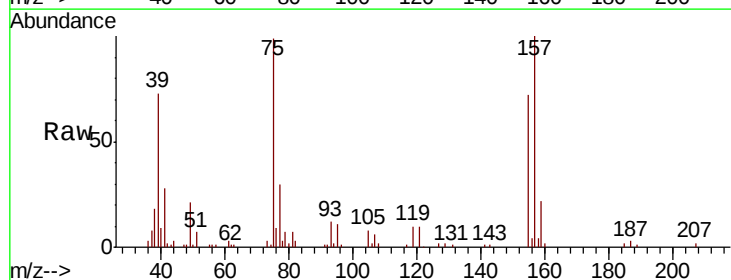
Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY9

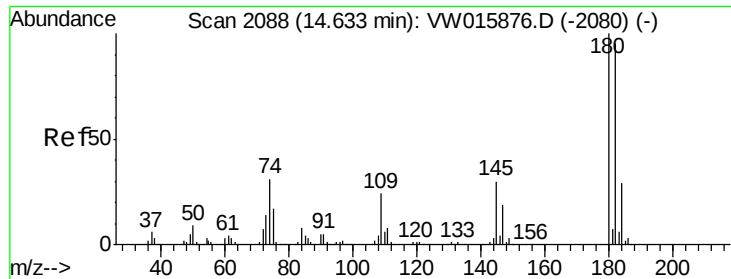
Tot Ion:146 Resp: 110922
 Ion Ratio Lower Upper
 146 100
 111 48.4 32.9 49.3
 148 67.5 48.8 73.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 20.676 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW015880.D
 Acq: 21 Jul 2020 11:29

Tgt Ion: 75 Resp: 16725
 Ion Ratio Lower Upper
 75 100
 157 100.8 83.0 124.4
 155 73.0 66.9 100.3

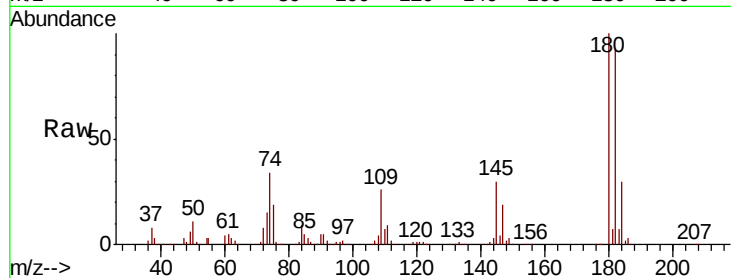




#67
 1,3,5-Trichlorobenzene
 Concen: 24.925 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: VW015880.D
 Acq: 21 Jul 2020 11:29

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY9

Tot Ion:	180	Resp:	207366
Ion	Ratio	Lower	Upper
180	100		
182	99.7	75.4	113.0
184	32.2	24.6	37.0
145	31.5	24.1	36.1



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

