

Data File : VW015186.D
Acq On : 14 Apr 2020 11:21
Operator : SY/VA
Sample : VSTD2.5
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 14 13:05:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041420S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 14 12:51:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1038596	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	894919	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	388939	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	16503	1.68	ug/L	0.00
7) Chloroethane-d5	2.89	69	20597	2.86	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	58737	2.26	ug/L	0.00
20) 2-Butanone-d5	7.08	46	15687	4.67	ug/L	0.00
24) Chloroform-d	7.64	84	58369	2.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	28971	2.39	ug/L	0.00
29) Benzene-d6	8.27	84	123331	2.49	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	36291	2.37	ug/L	0.00
37) Toluene-d8	10.32	98	115877	2.50	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	16333	2.34	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	12497	4.57	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	26004	2.32	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	35223	2.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	24803	3.304 ug/L	89
3) Chloromethane	2.21	50	30328	3.254 ug/L	99
5) Vinyl chloride	2.36	62	20518	1.644 ug/L	98
6) Bromomethane	2.78	94	14776	2.289 ug/L	87
8) Chloroethane	2.92	64	17767	2.877 ug/L	94
9) Trichlorofluoromethane	3.26	101	23435	2.369 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	35653	2.494 ug/L	95
12) 1,1-Dichloroethene	4.03	96	32771	2.320 ug/L	90
13) Acetone	4.13	43	15522	7.289 ug/L	99
14) Carbon disulfide	4.38	76	97518	2.083 ug/L	97
16) Methylene chloride	4.91	84	41826	2.840 ug/L	99
17) Methyl tert-butyl Ether	5.42	73	46656	2.463 ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	34638	2.419 ug/L	94
19) 1,1-Dichloroethane	6.21	63	57145	2.317 ug/L	95
21) 2-Butanone	7.18	43	20361	5.864 ug/L	91
22) cis-1,2-Dichloroethene	7.17	96	35882	2.413 ug/L	96
23) Bromochloromethane	7.51	128	15051	2.464 ug/L	94
25) Chloroform	7.67	83	56424	2.353 ug/L	99
27) 1,2-Dichloroethane	8.40	62	34220	2.346 ug/L	96
30) Cyclohexane	7.95	56	57926	2.327 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	49114	2.423 ug/L	99
32) Carbon tetrachloride	8.06	117	44793	2.416 ug/L	97
34) Benzene	8.32	78	137846	2.477 ug/L	100
35) Trichloroethene	9.09	95	35388	2.407 ug/L	98
36) Methylcyclohexane	9.33	83	64533	2.417 ug/L	99
40) 1,2-Dichloropropane	9.37	63	32808	2.416 ug/L	99
41) Bromodichloromethane	9.65	83	39691	2.274 ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	49589	2.264 ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	38842	4.802 ug/L	98
44) Toluene	10.38	91	142209	2.425 ug/L	100

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Quant Title : VOC Analysis
QLast Update : Tue Apr 14 12:51:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) trans-1,3-Dichloropropene	10.60	75	41986	2.227	ug/L	92
46) 1,1,2-Trichloroethane	10.79	97	23713	2.451	ug/L	97
47) Tetrachloroethene	10.86	164	27312	2.594	ug/L	97
49) 2-Hexanone	10.97	43	23611	4.430	ug/L	97
50) Dibromochloromethane	11.13	129	27258	2.408	ug/L	97
51) 1,2-Dibromoethane	11.23	107	21986	2.411	ug/L	92
52) Chlorobenzene	11.66	112	88022	2.443	ug/L	96
53) Ethylbenzene	11.73	91	158900	2.409	ug/L	99
54) m,p-Xylene	11.84	106	62073	2.454	ug/L	87
55) o-xylene	12.16	106	58082	2.402	ug/L	96
56) Styrene	12.18	104	96106	2.364	ug/L	98
57) Isopropylbenzene	12.46	105	157874	2.419	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	26060	2.312	ug/L	93
59) 1,2,3-Trichloropropane	12.77	75	19818	2.380	ug/L	93
62) Bromoform	12.35	173	15498	2.489	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	62739	2.440	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	61646	2.469	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	55450	2.429	ug/L	93
66) 1,2-Dibromo-3-chloropropan	14.48	75	4567	2.415	ug/L	82
67) 1,3,5-Trichlorobenzene	14.63	180	41948	2.370	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	33382	2.363	ug/L	97
69) Naphthalene	15.36	128	66516	2.350	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	28551	2.321	ug/L	99

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

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Misc : 5.00G/10ML/MSVOA W/SOIL

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ALS Vial      : 1      Sample Multiplier: 1
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Instrument :
MSVOA_W
ClientSampleId :

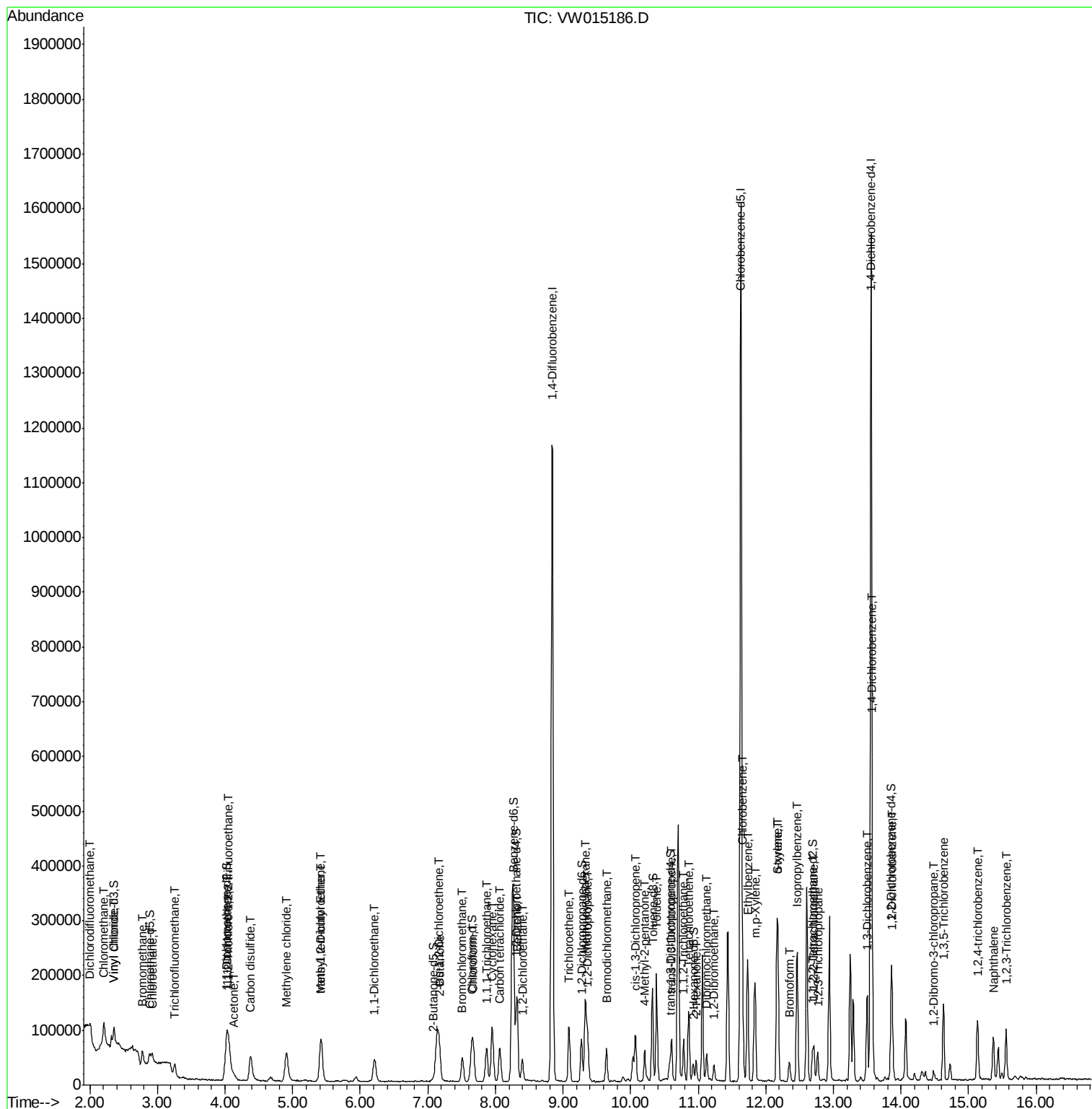
Quant Time: Apr 14 13:05:42 2020

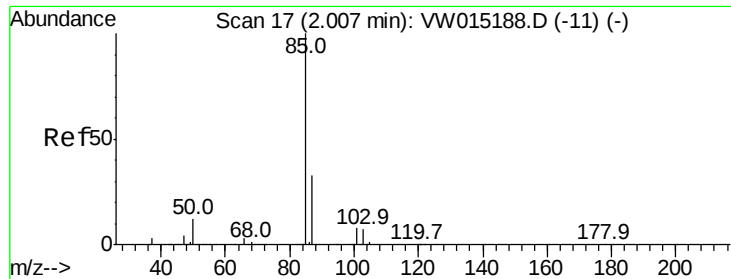
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_W\METHOD\SOM2WLM041420S.M

Quant Title : VOC Analysis

QLast Update : Tue Apr 14 12:51:04 2020

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 3.304 ug/L

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_W

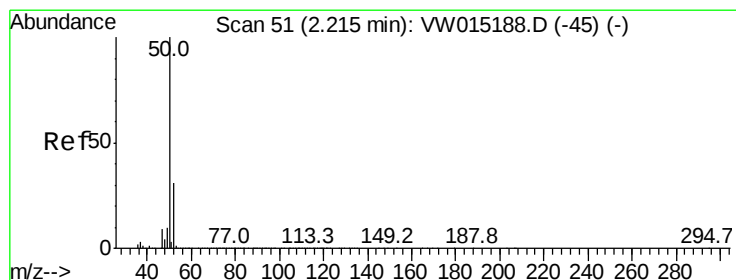
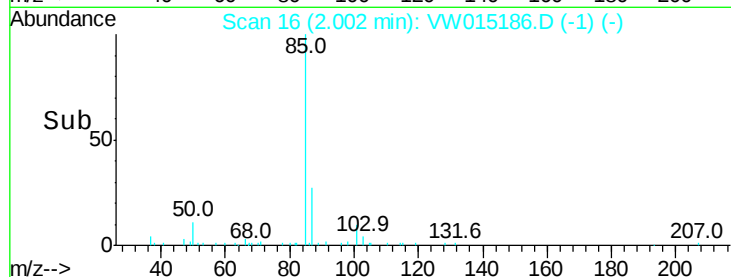
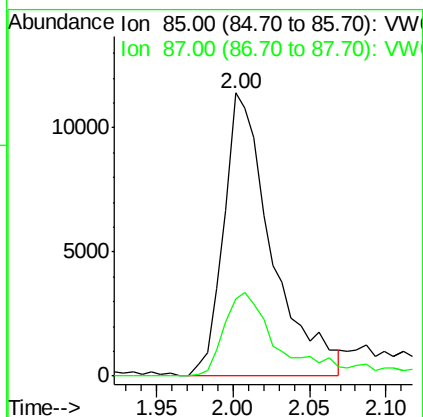
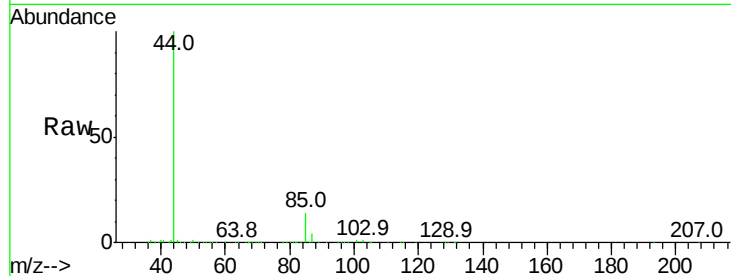
ClientSampled :

Tgt Ion: 85 Resp: 24803

Ion Ratio Lower Upper

85 100

87 26.8 23.3 43.3



#3

Chloromethane

Concen: 3.254 ug/L

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW015186.D

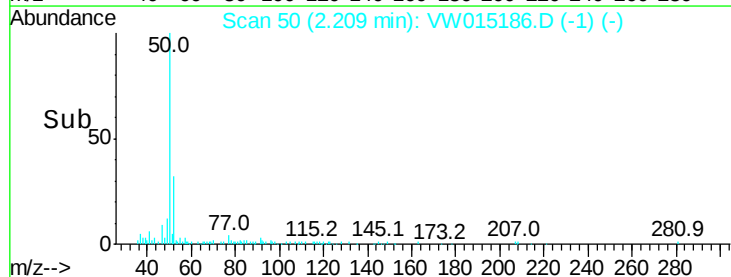
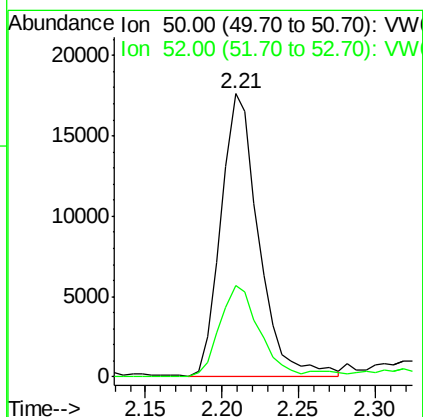
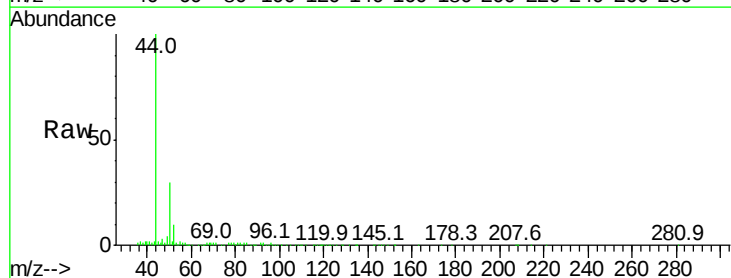
Acq: 14 Apr 2020 11:21

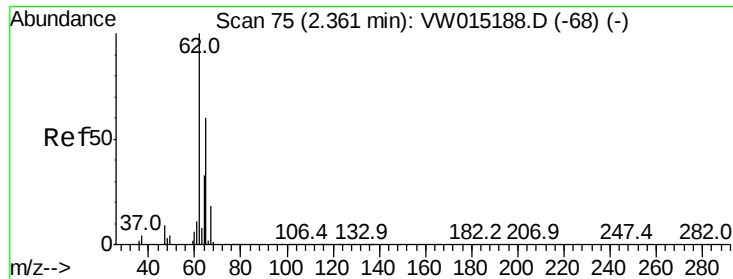
Tgt Ion: 50 Resp: 30328

Ion Ratio Lower Upper

50 100

52 32.1 22.0 40.8





#5

Vinyl chloride

Concen: 1.644 ug/L

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_W

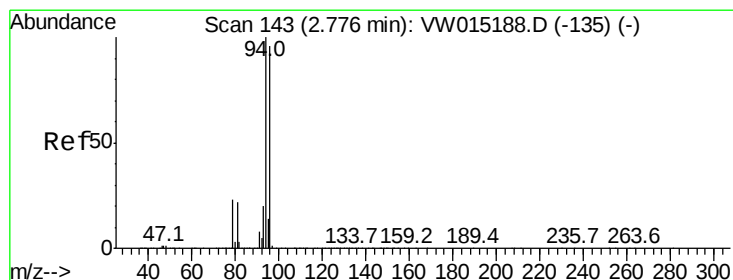
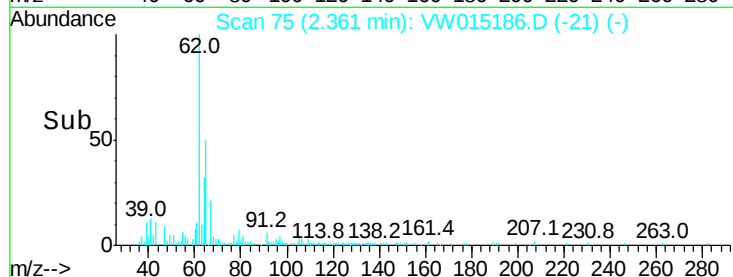
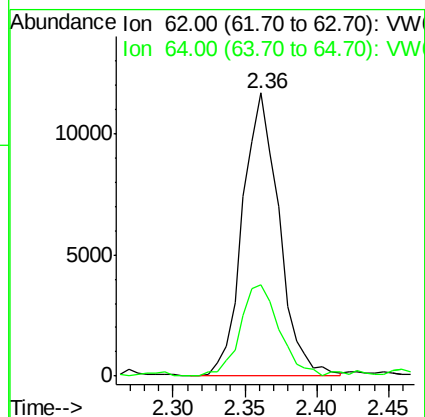
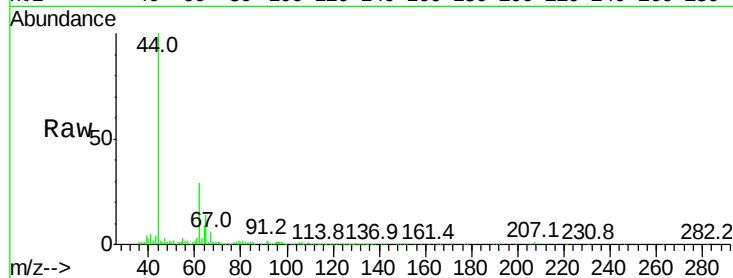
ClientSampled :

Tgt Ion: 62 Resp: 20518

Ion Ratio Lower Upper

62 100

64 32.2 23.2 43.0



#6

Bromomethane

Concen: 2.289 ug/L

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW015186.D

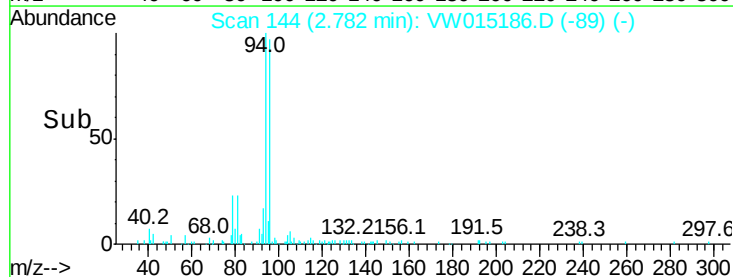
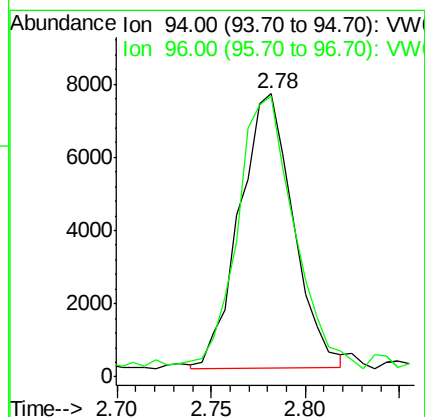
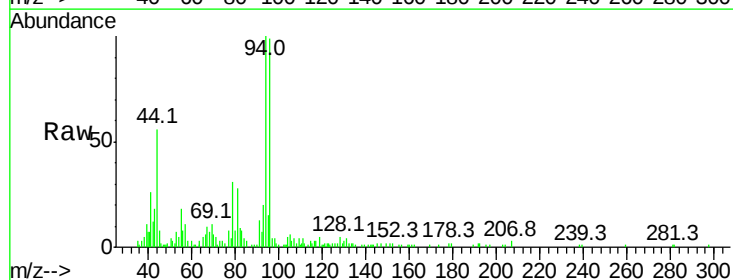
Acq: 14 Apr 2020 11:21

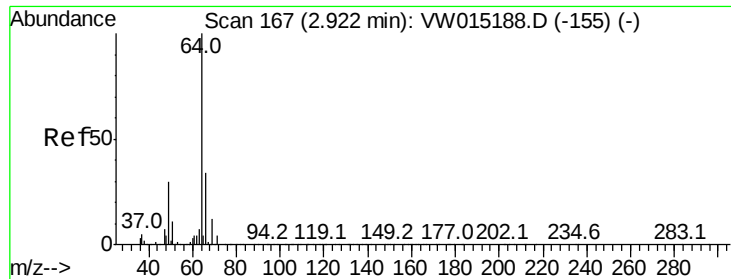
Tgt Ion: 94 Resp: 14776

Ion Ratio Lower Upper

94 100

96 105.2 9.3 176.5





#8

Chloroethane

Concen: 2.877 ug/L

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_W

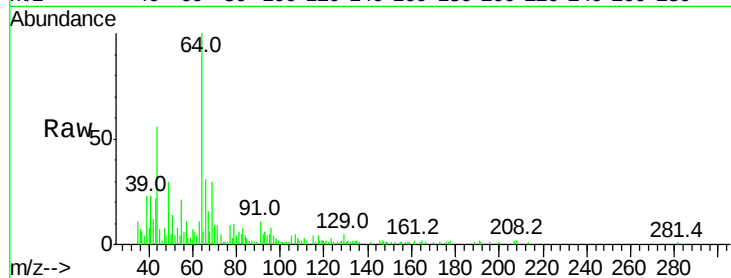
ClientSampleId :

Tgt Ion: 64 Resp: 17767

Ion Ratio Lower Upper

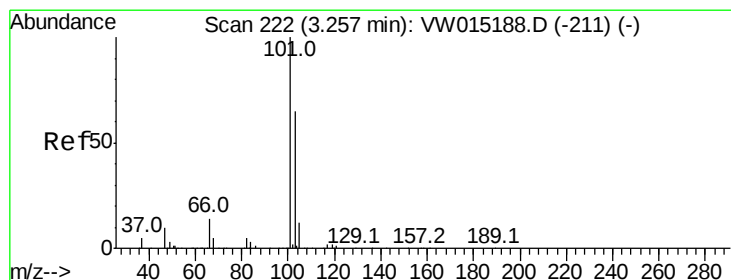
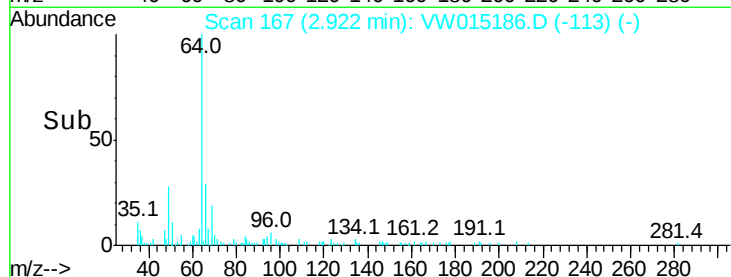
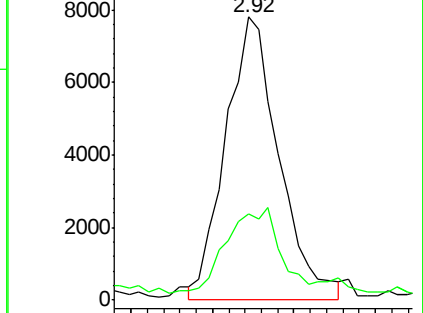
64 100

66 30.7 23.9 44.3



Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW



#9

Trichlorofluoromethane

Concen: 2.369 ug/L

RT: 3.26 min Scan# 222

Delta R.T. 0.00 min

Lab File: VW015186.D

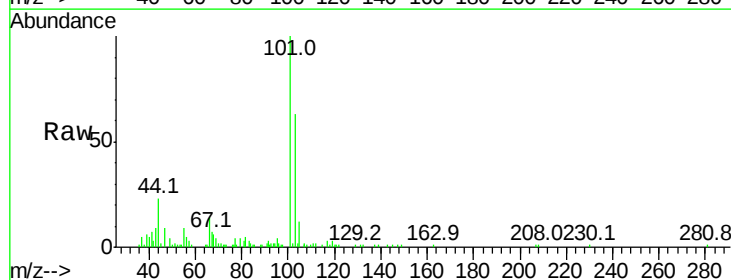
Acq: 14 Apr 2020 11:21

Tgt Ion: 101 Resp: 23435

Ion Ratio Lower Upper

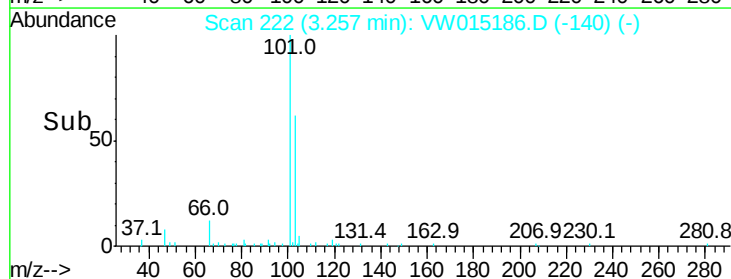
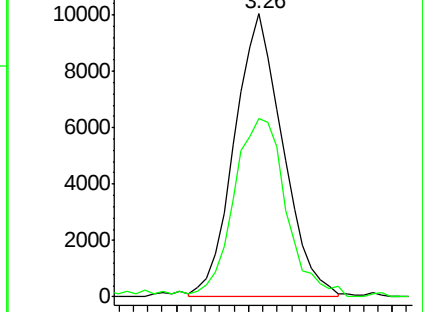
101 100

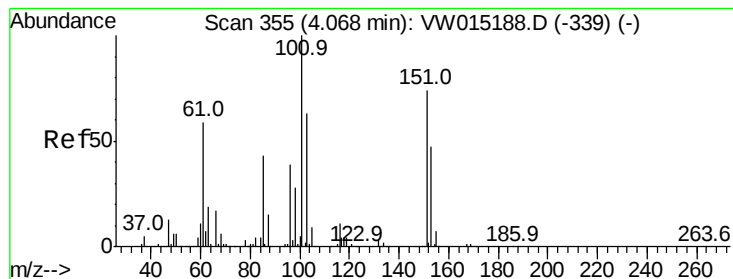
103 67.4 45.3 84.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.494 ug/L

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_W

ClientSampleId :

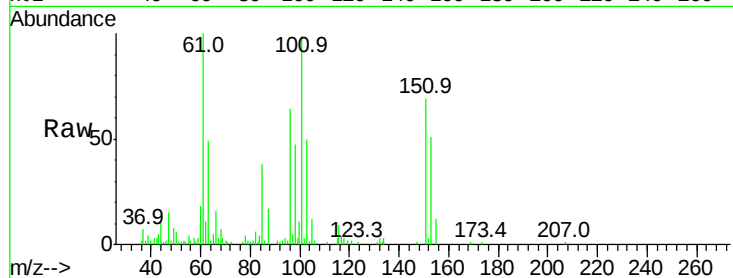
Tgt Ion: 101 Resp: 35653

Ion Ratio Lower Upper

101 100

85 40.5 33.5 50.3

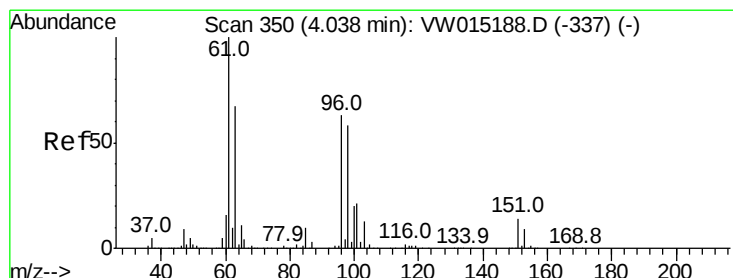
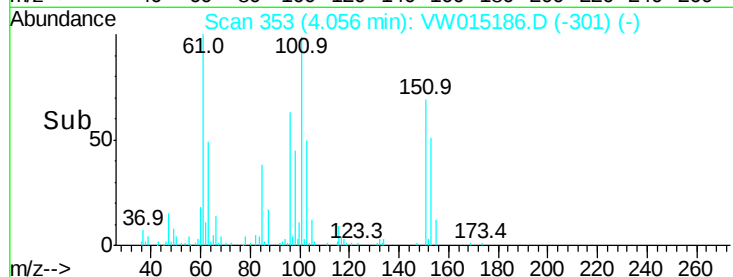
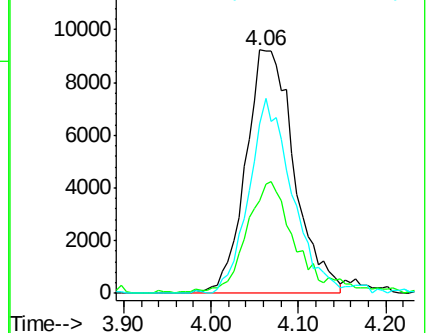
151 68.2 59.1 88.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 2.320 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

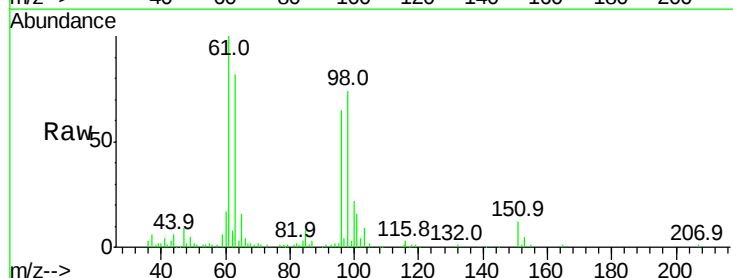
Tgt Ion: 96 Resp: 32771

Ion Ratio Lower Upper

96 100

61 153.5 111.0 206.2

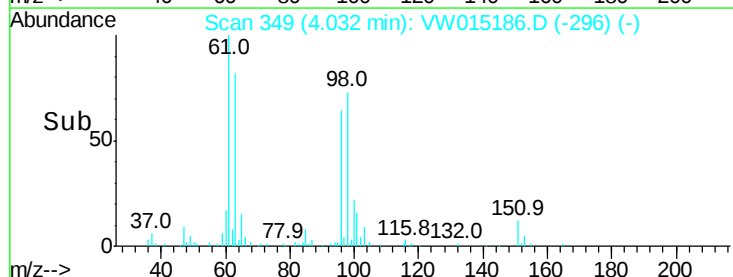
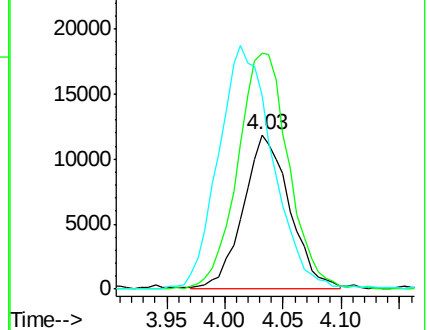
63 126.1 74.4 138.2

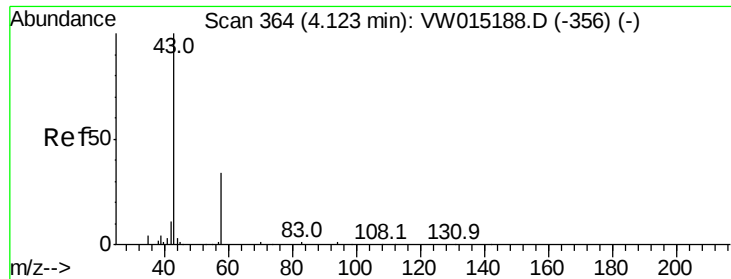


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW

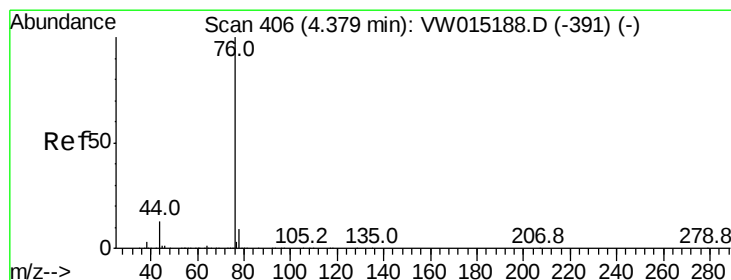
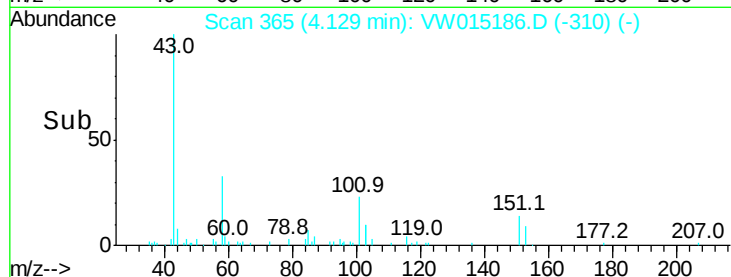
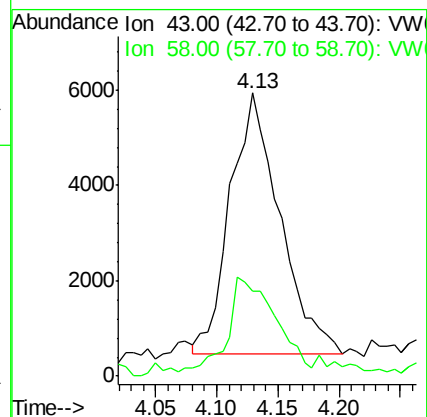
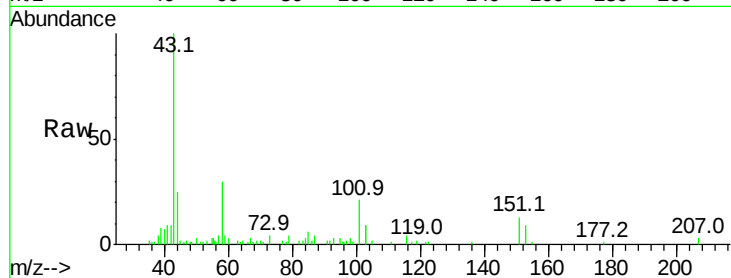




#13
Acetone
Concen: 7.289 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW015186.D
Acq: 14 Apr 2020 11:21

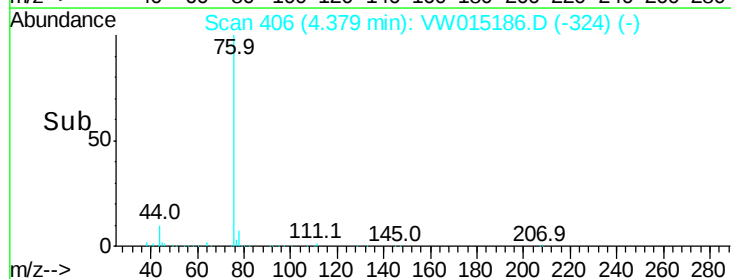
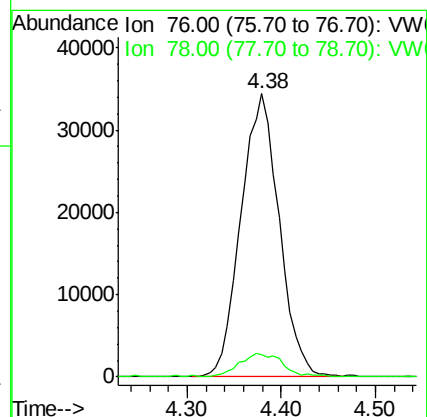
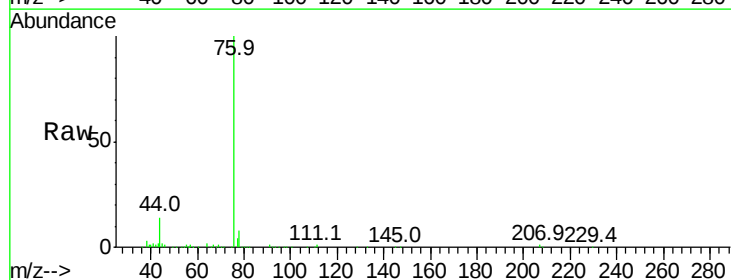
Instrument :
MSVOA_W
ClientSampleId :

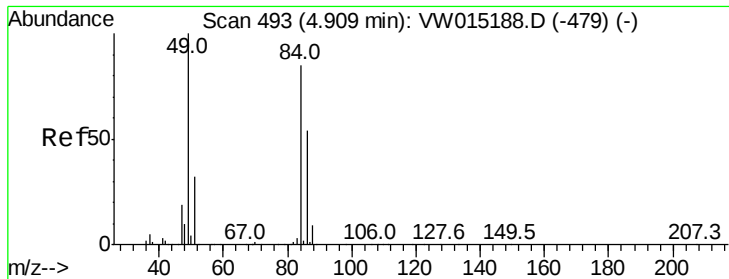
Tgt Ion: 43 Resp: 15522
Ion Ratio Lower Upper
43 100
58 37.8 0.0 77.0



#14
Carbon disulfide
Concen: 2.083 ug/L
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW015186.D
Acq: 14 Apr 2020 11:21

Tgt Ion: 76 Resp: 97518
Ion Ratio Lower Upper
76 100
78 7.7 7.1 10.7

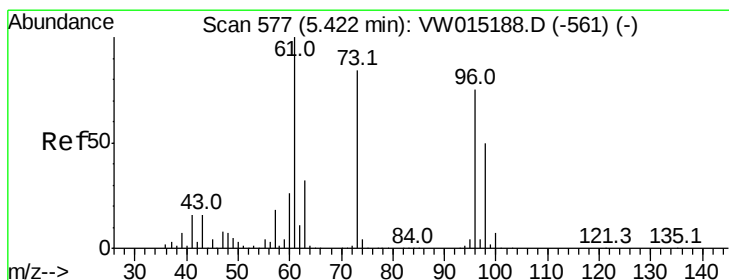
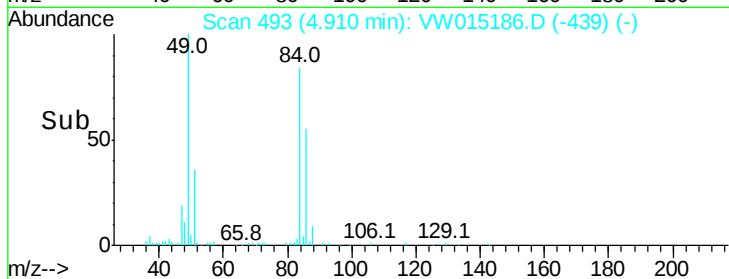
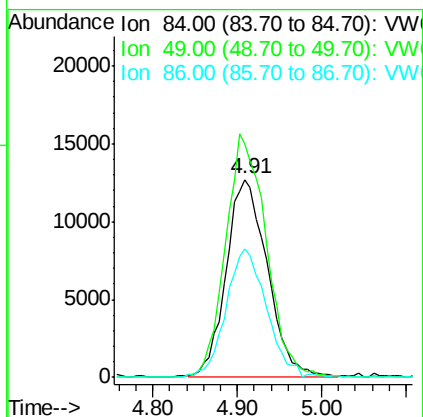
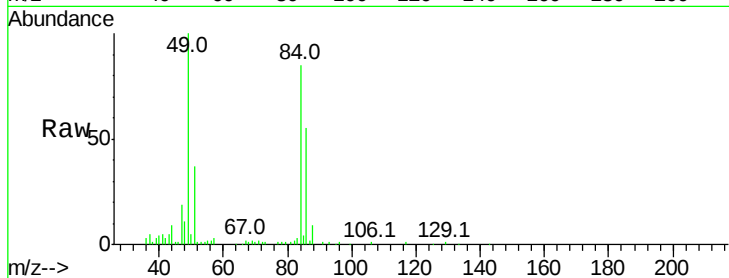




#16
Methylene chloride
Concen: 2.840 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW015186.D
Acq: 14 Apr 2020 11:21

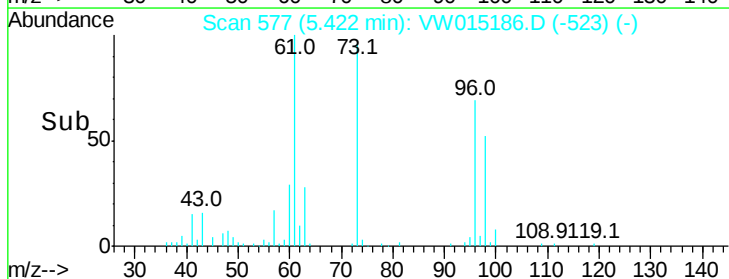
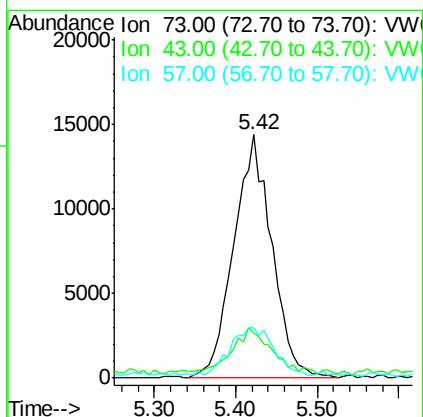
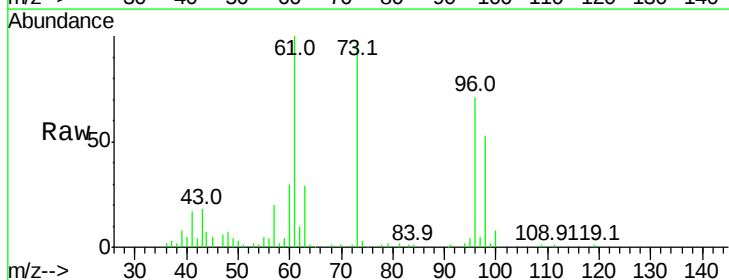
Instrument :
MSVOA_W
ClientSampled :

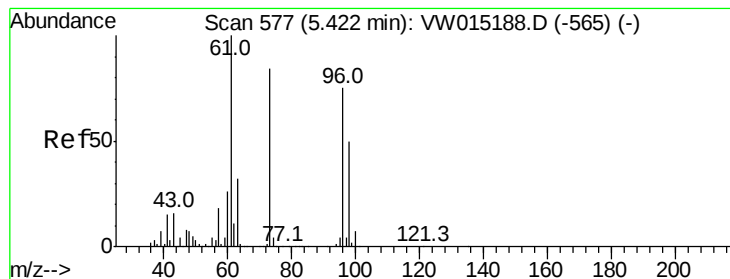
Tgt Ion: 84 Resp: 41826
Ion Ratio Lower Upper
84 100
49 118.0 82.3 152.9
86 64.7 44.1 81.9



#17
Methyl tert-butyl Ether
Concen: 2.463 ug/L
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW015186.D
Acq: 14 Apr 2020 11:21

Tgt Ion: 73 Resp: 46656
Ion Ratio Lower Upper
73 100
43 18.4 15.7 23.5
57 22.8 17.9 26.9





#18

trans-1,2-Dichloroethene

Concen: 2.419 ug/L

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_W

ClientSampleId :

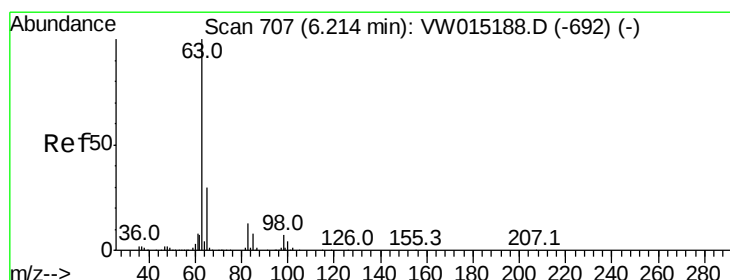
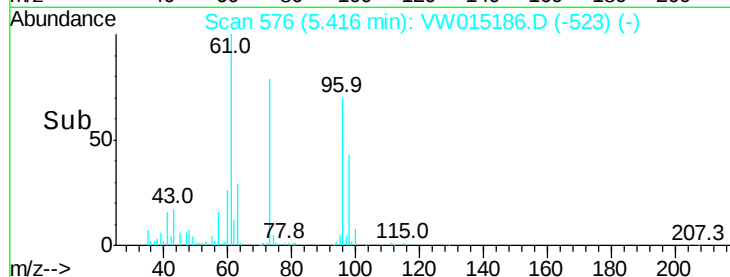
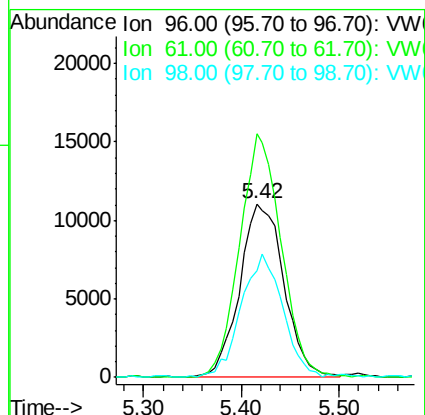
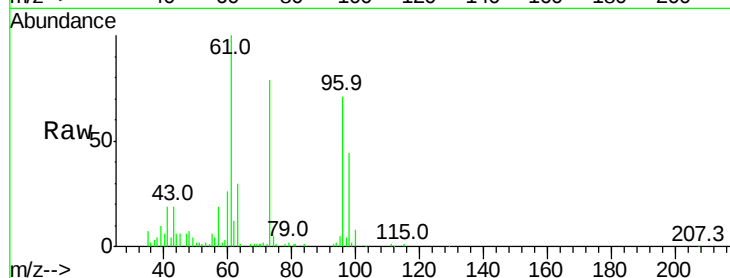
Tgt Ion: 96 Resp: 34638

Ion Ratio Lower Upper

96 100

61 140.4 93.6 173.8

98 61.3 46.8 87.0



#19

1,1-Dichloroethane

Concen: 2.317 ug/L

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

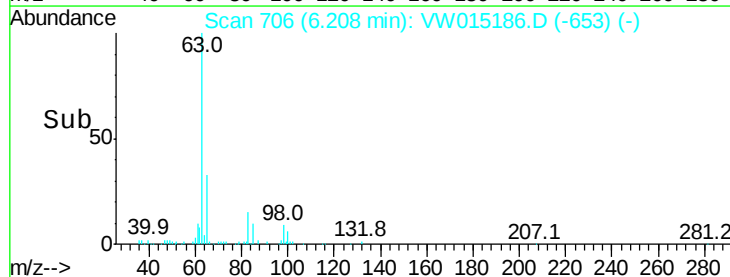
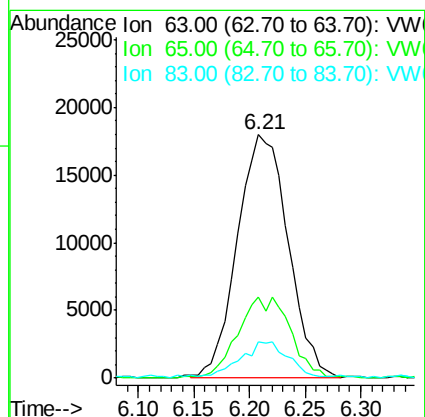
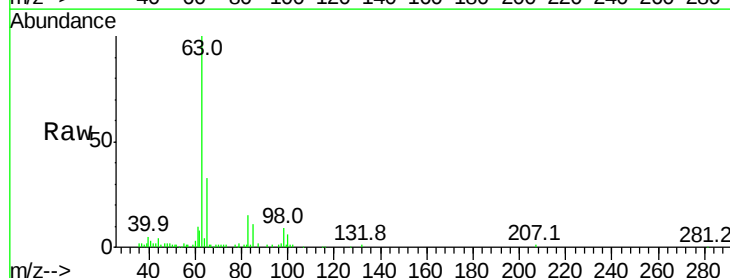
Tgt Ion: 63 Resp: 57145

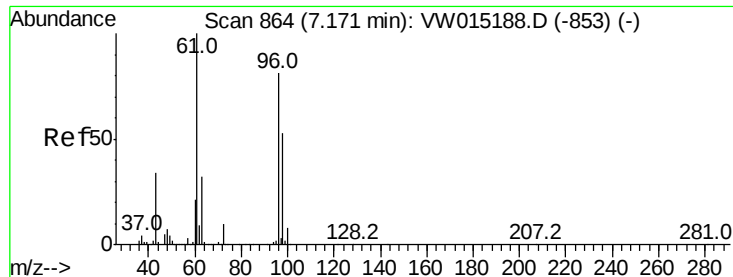
Ion Ratio Lower Upper

63 100

65 33.4 21.3 39.5

83 14.9 9.0 16.8





#21

2-Butanone

Concen: 5.864 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

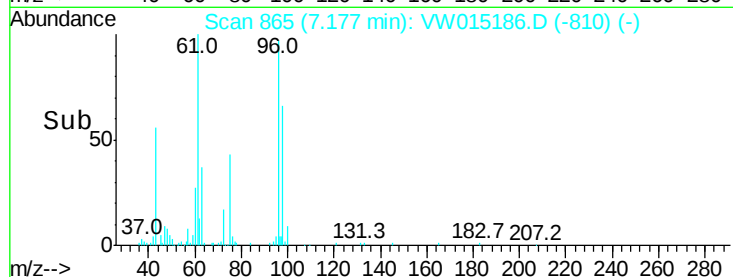
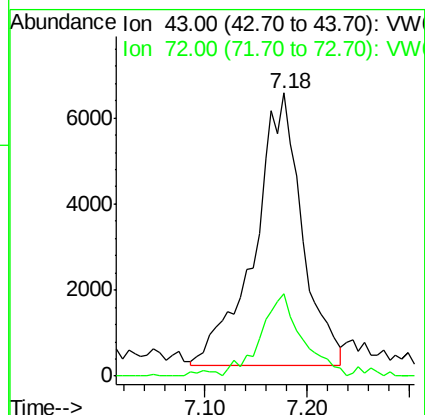
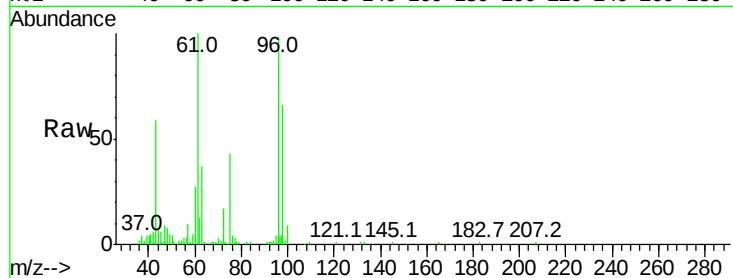
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 20361

Ion Ratio Lower Upper

43 100

72 25.2 14.9 44.7



#22

cis-1,2-Dichloroethene

Concen: 2.413 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

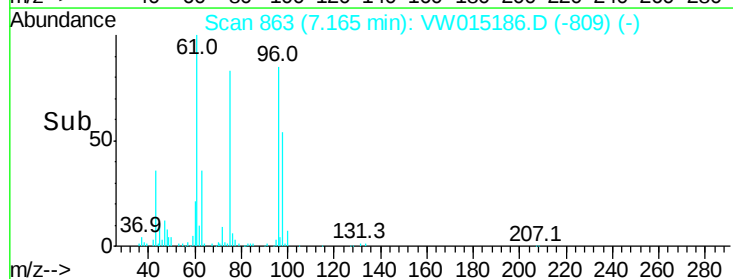
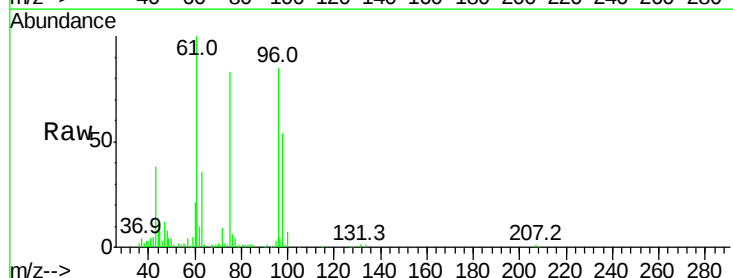
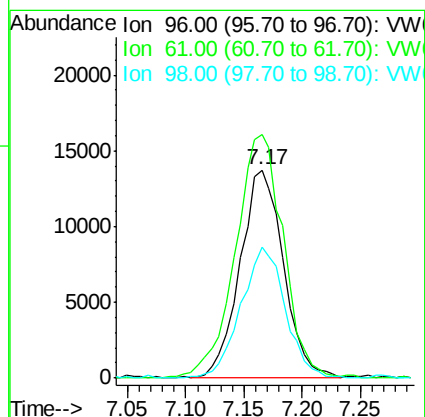
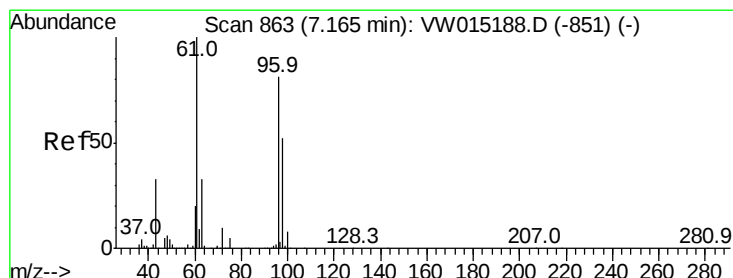
Tgt Ion: 96 Resp: 35882

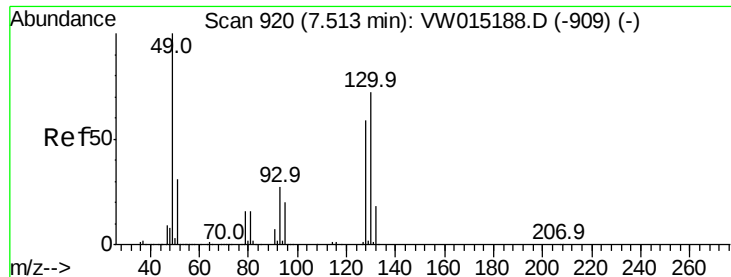
Ion Ratio Lower Upper

96 100

61 117.1 86.7 161.1

98 62.7 44.7 82.9





#23

Bromochloromethane

Concen: 2.464 ug/L

RT: 7.51 min Scan# 919

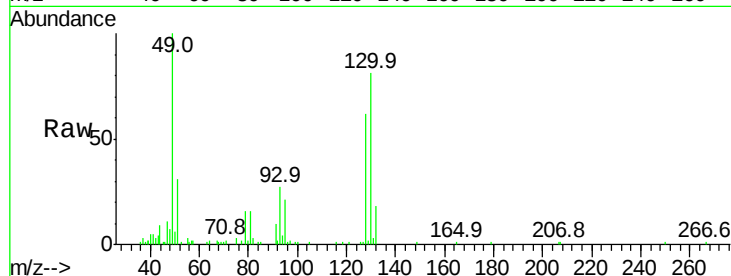
Delta R.T. -0.01 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:	128	Resp:	15051
Ion	Ratio	Lower	Upper
128	100		
49	162.0	119.1	221.3
130	130.6	86.3	160.3
51	49.8	43.0	64.6

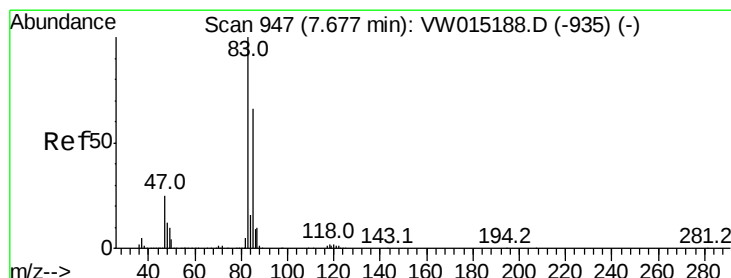
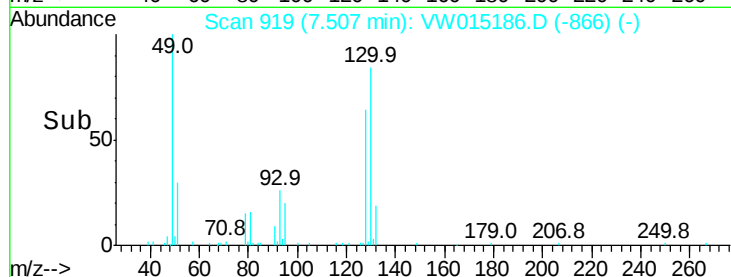
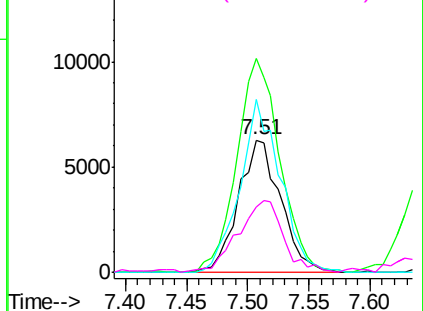


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): V

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): V



#25

Chloroform

Concen: 2.353 ug/L

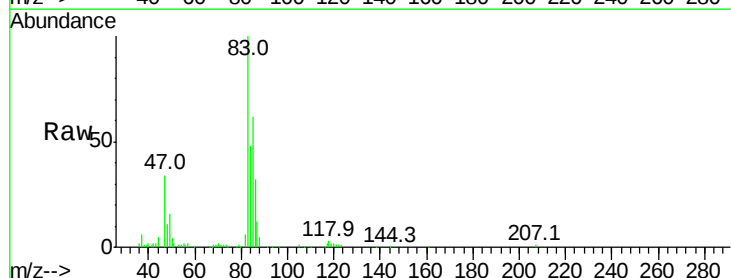
RT: 7.67 min Scan# 945

Delta R.T. -0.01 min

Lab File: VW015186.D

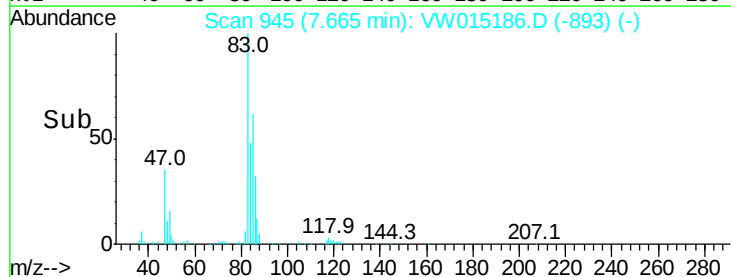
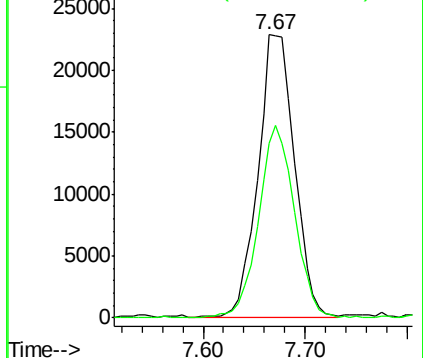
Acq: 14 Apr 2020 11:21

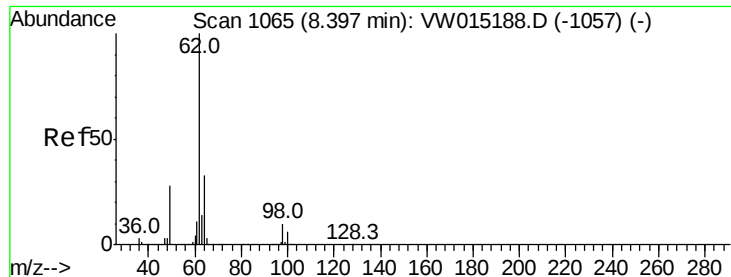
Tgt Ion:	83	Resp:	56424
Ion	Ratio	Lower	Upper
83	100		
85	67.5	46.5	86.3



Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V





#27

1,2-Dichloroethane

Concen: 2.346 ug/L

RT: 8.40 min Scan# 1066

Delta R.T. 0.01 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_W

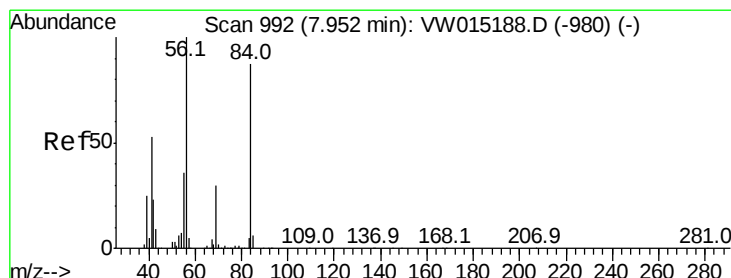
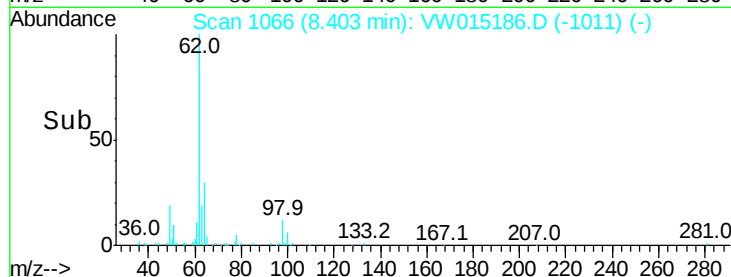
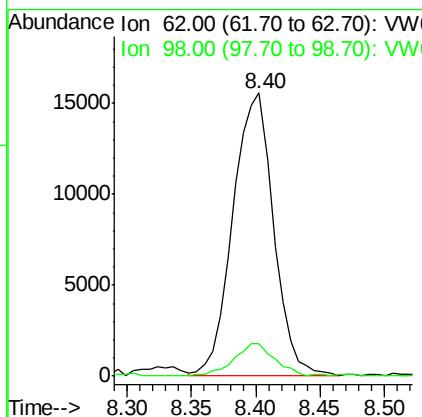
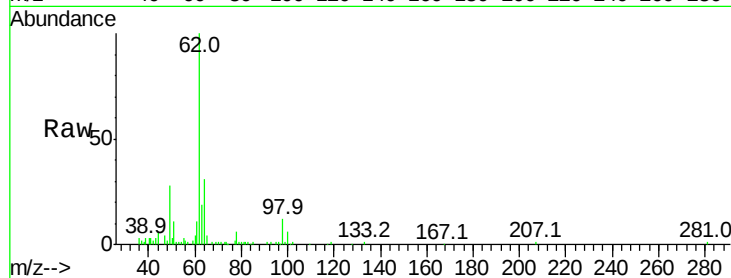
ClientSampled :

Tgt Ion: 62 Resp: 34220

Ion Ratio Lower Upper

62 100

98 11.7 8.2 12.2



#30

Cyclohexane

Concen: 2.327 ug/L

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

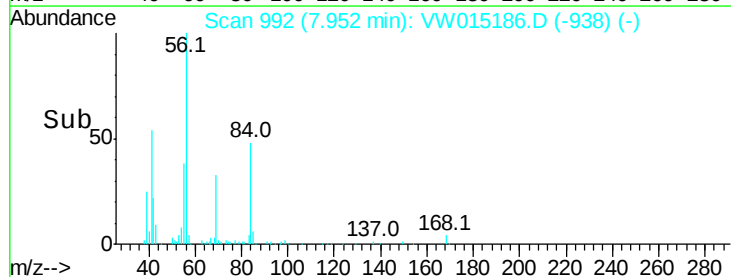
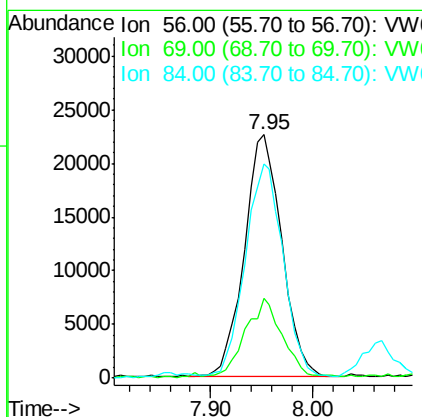
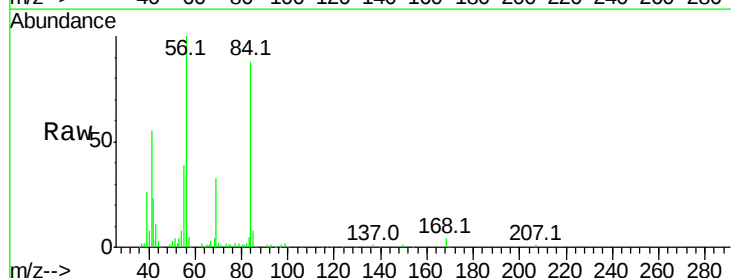
Tgt Ion: 56 Resp: 57926

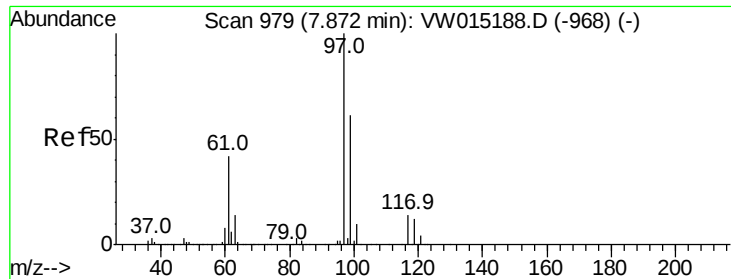
Ion Ratio Lower Upper

56 100

69 30.4 24.8 37.2

84 89.8 71.0 106.6





#31

1,1,1-Trichloroethane

Concen: 2.423 ug/L

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_W

ClientSampled :

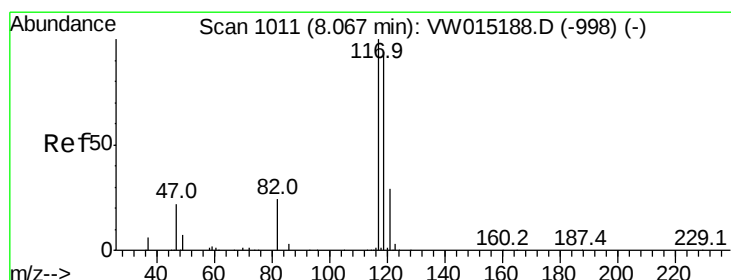
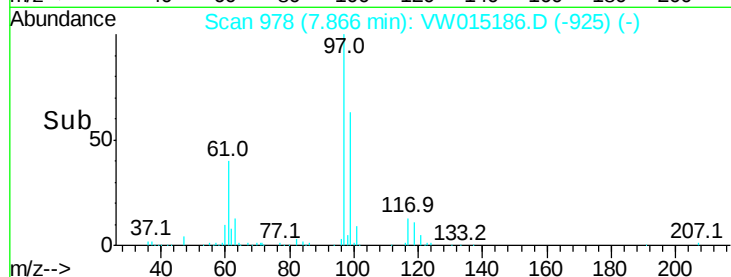
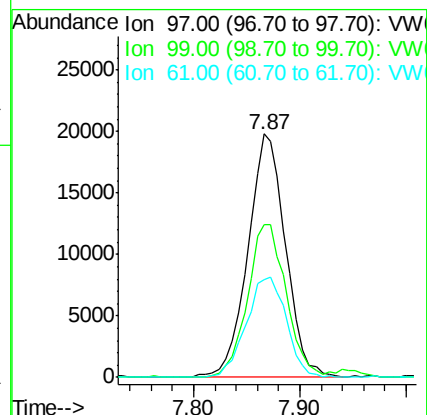
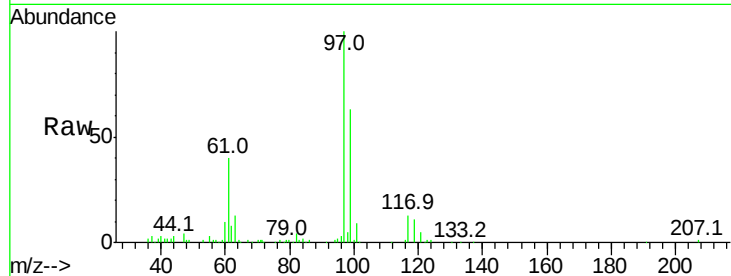
Tgt Ion: 97 Resp: 49114

Ion Ratio Lower Upper

97 100

99 64.5 51.2 76.8

61 43.7 34.1 51.1



#32

Carbon tetrachloride

Concen: 2.416 ug/L

RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW015186.D

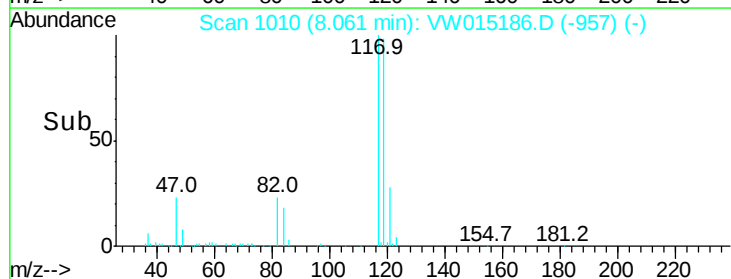
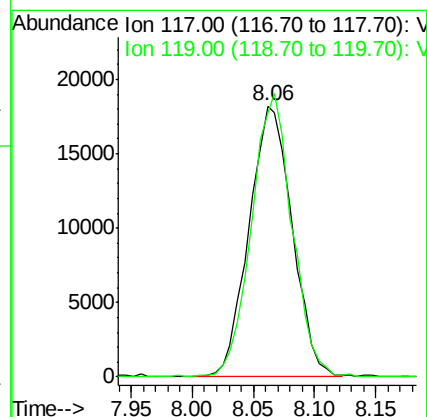
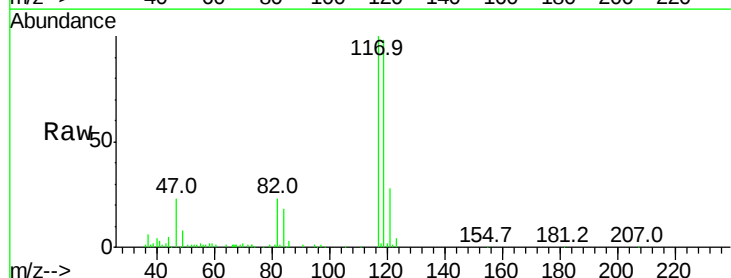
Acq: 14 Apr 2020 11:21

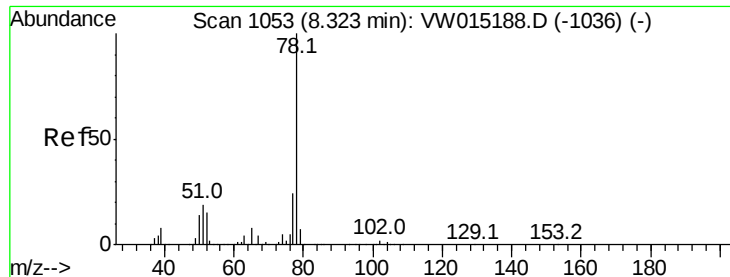
Tgt Ion: 117 Resp: 44793

Ion Ratio Lower Upper

117 100

119 98.3 76.0 114.0





#34

Benzene

Concen: 2.477 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW015186.D

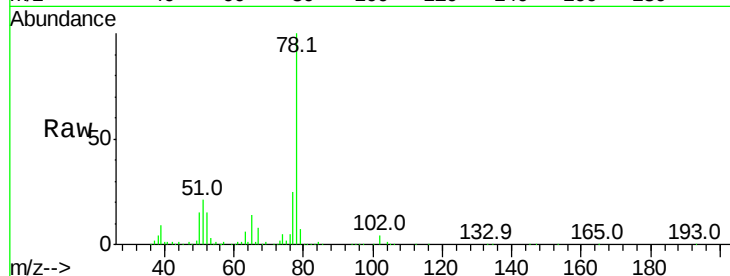
Acq: 14 Apr 2020 11:21

Instrument :

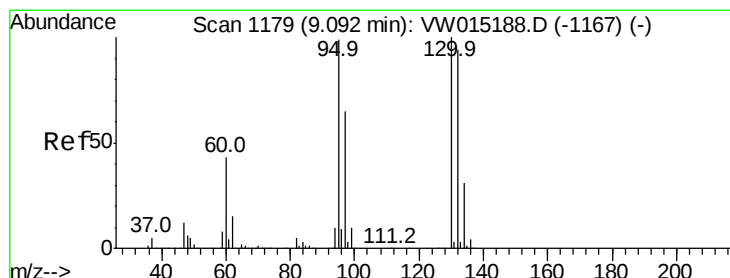
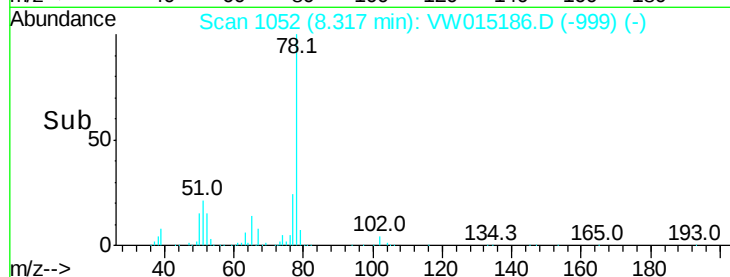
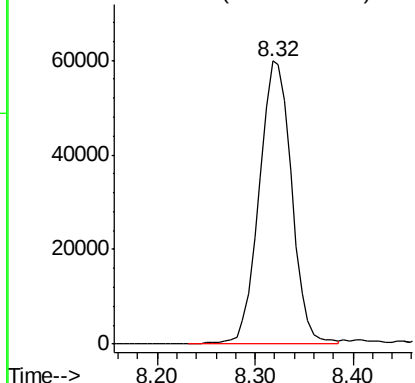
MSVOA_W

ClientSampled :

Tgt Ion: 78 Resp: 137846



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 2.407 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

Tgt Ion: 95 Resp: 35388

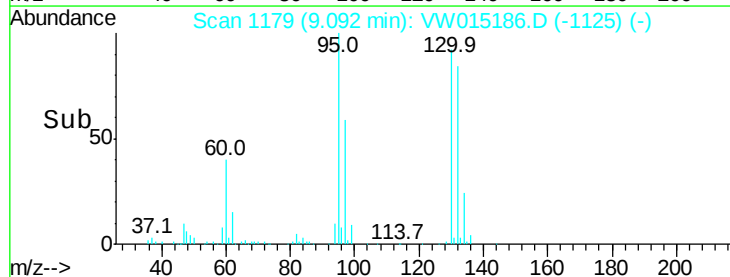
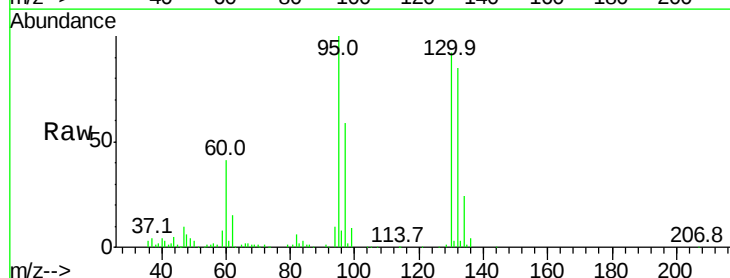
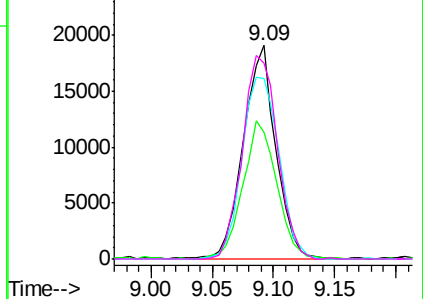
Ion	Ratio	Lower	Upper
95	100		
97	67.0	45.4	84.2
132	96.8	67.1	124.5
130	103.0	70.6	131.0

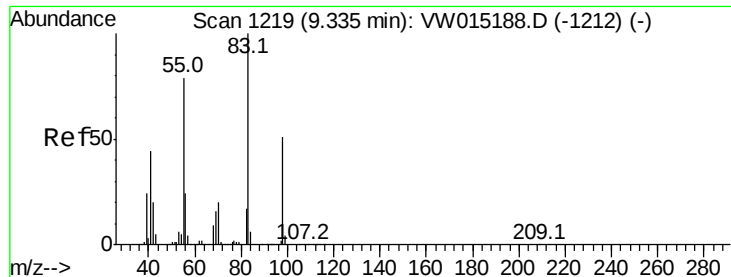
Abundance Ion 95.00 (94.70 to 95.70): VW

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

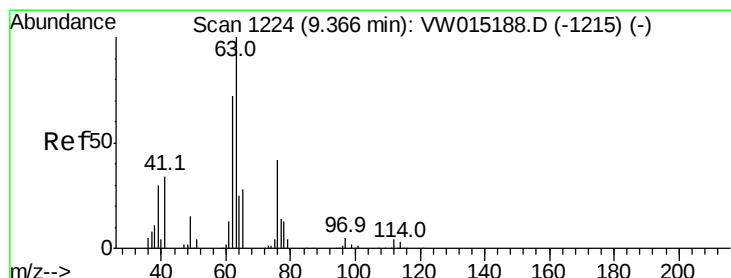
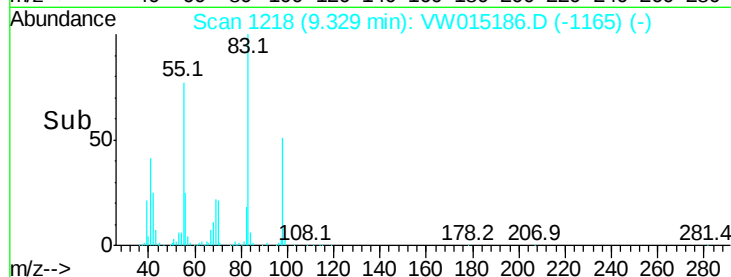
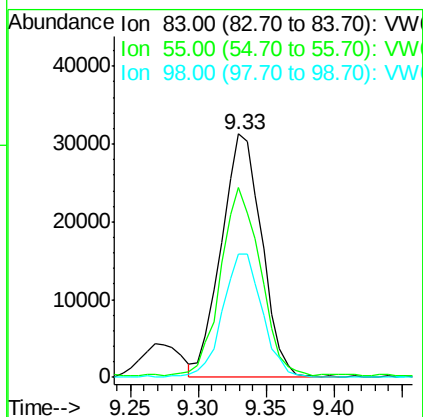
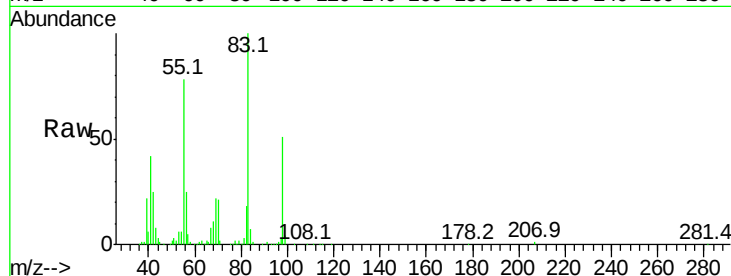




#36
Methylcyclohexane
Concen: 2.417 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW015186.D
Acq: 14 Apr 2020 11:21

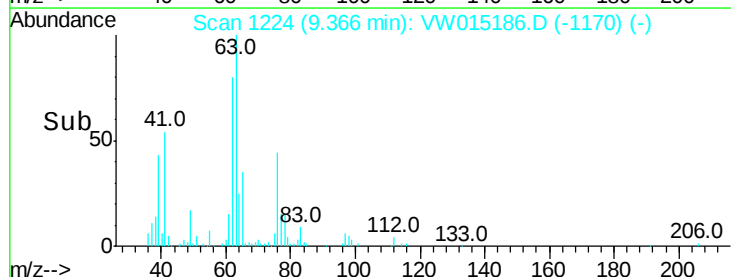
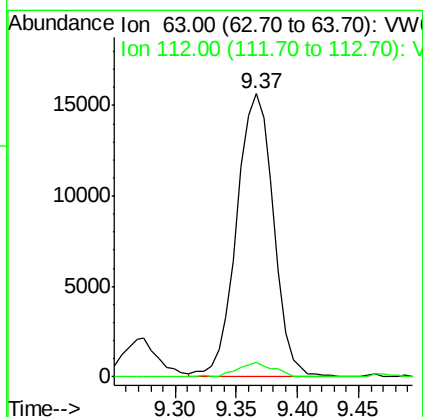
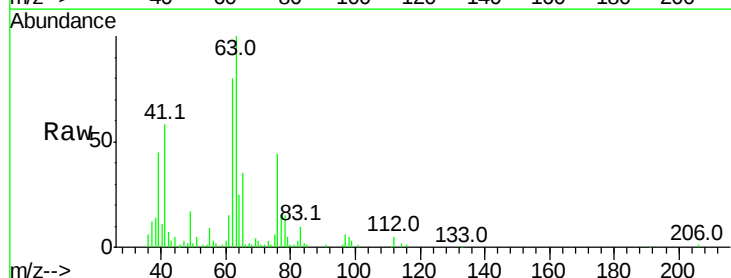
Instrument :
MSVOA_W
ClientSampled :

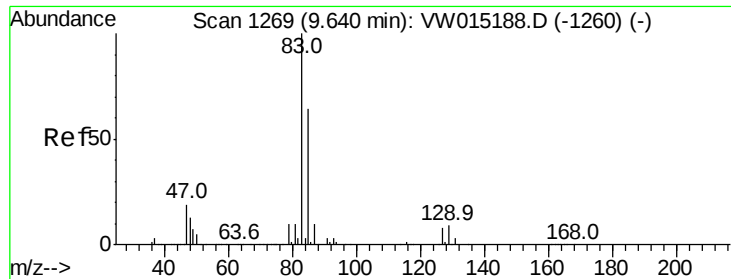
Tgt Ion: 83 Resp: 64533
Ion Ratio Lower Upper
83 100
55 76.0 60.1 90.1
98 49.5 39.4 59.0



#40
1,2-Dichloropropane
Concen: 2.416 ug/L
RT: 9.37 min Scan# 1224
Delta R.T. 0.00 min
Lab File: VW015186.D
Acq: 14 Apr 2020 11:21

Tgt Ion: 63 Resp: 32808
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3





#41

Bromodichloromethane

Concen: 2.274 ug/L

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_W

ClientSampled :

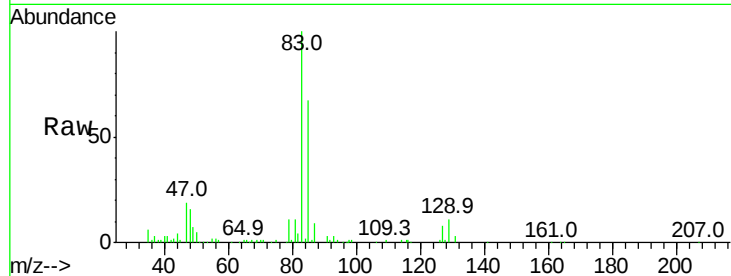
Tgt Ion: 83 Resp: 39691

Ion Ratio Lower Upper

83 100

85 67.0 44.4 82.5

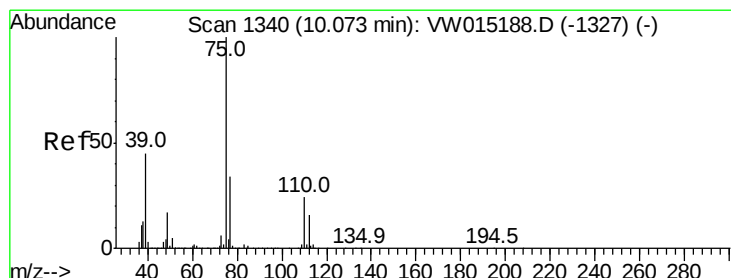
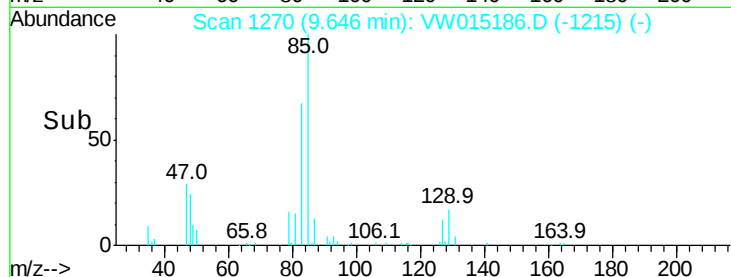
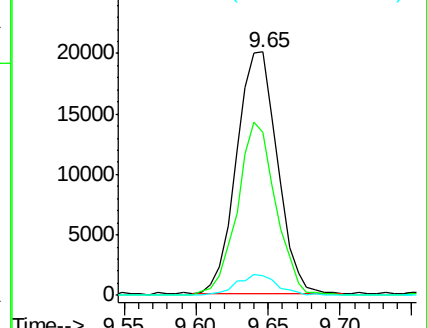
127 8.1 6.6 10.0



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): VW



#42

cis-1,3-Dichloropropene

Concen: 2.264 ug/L

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW015186.D

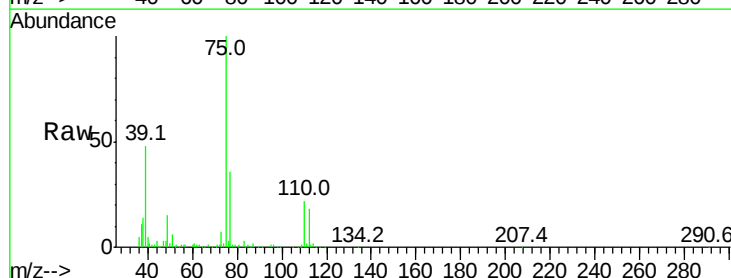
Acq: 14 Apr 2020 11:21

Tgt Ion: 75 Resp: 49589

Ion Ratio Lower Upper

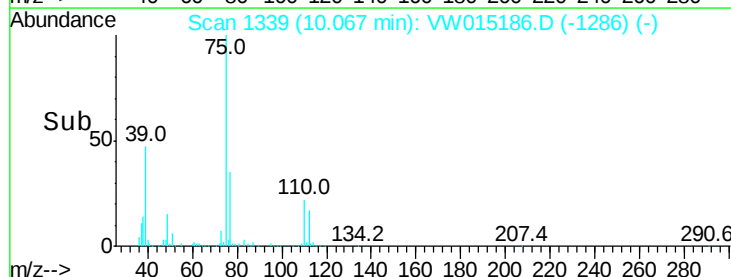
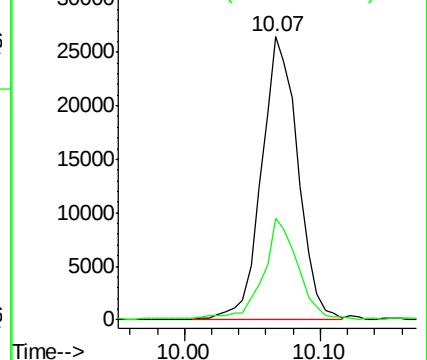
75 100

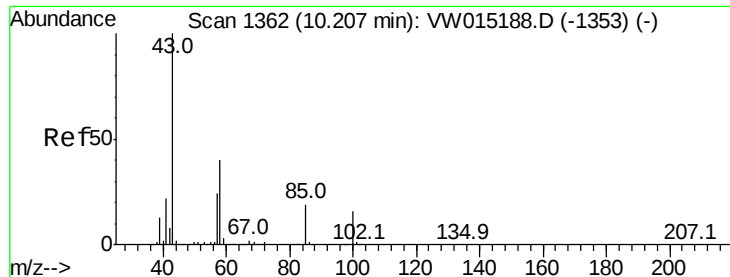
77 36.0 23.5 43.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

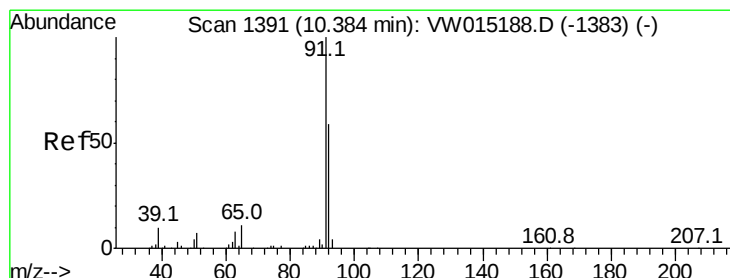
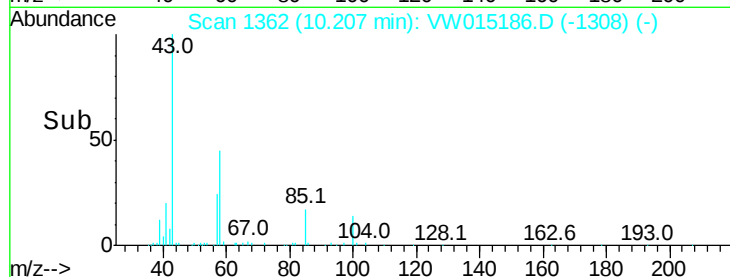
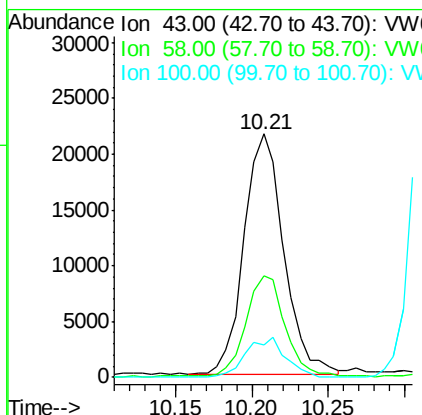
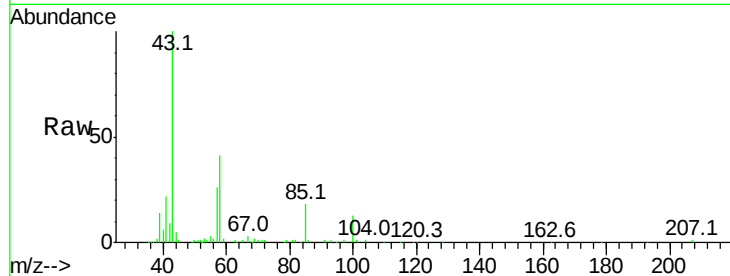




#43
4-Methyl-2-pentanone
Concen: 4.802 ug/L
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW015186.D
Acq: 14 Apr 2020 11:21

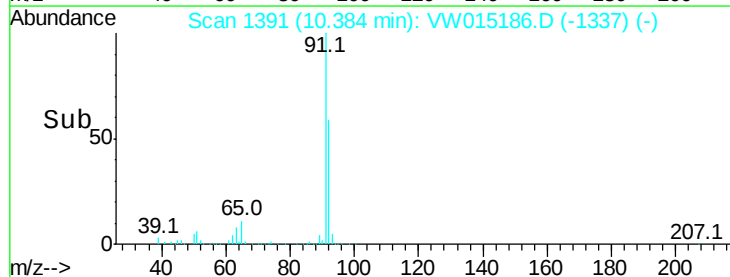
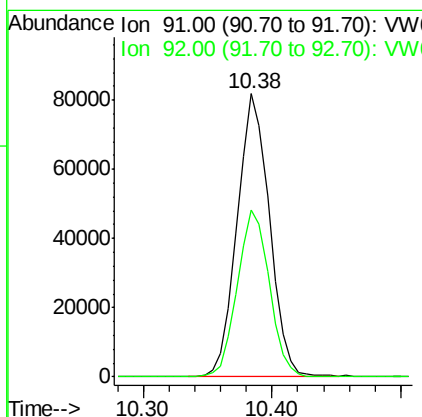
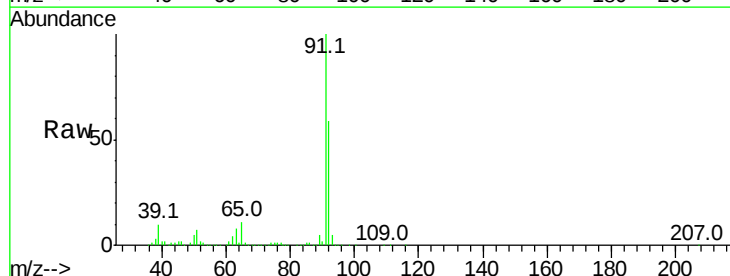
Instrument :
MSVOA_W
ClientSampleId :

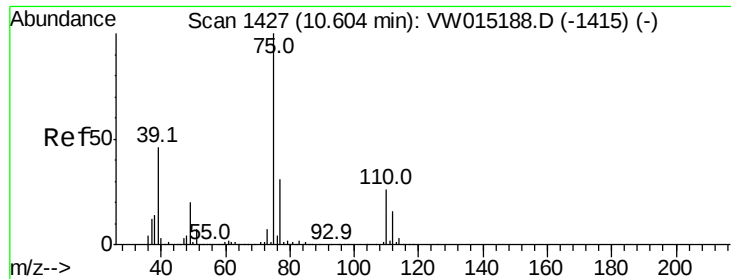
Tgt Ion: 43 Resp: 38842
Ion Ratio Lower Upper
43 100
58 42.3 32.5 48.7
100 16.3 13.0 19.6



#44
Toluene
Concen: 2.425 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW015186.D
Acq: 14 Apr 2020 11:21

Tgt Ion: 91 Resp: 142209
Ion Ratio Lower Upper
91 100
92 59.2 41.3 76.7





#45

trans-1,3-Dichloropropene

Concen: 2.227 ug/L

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_W

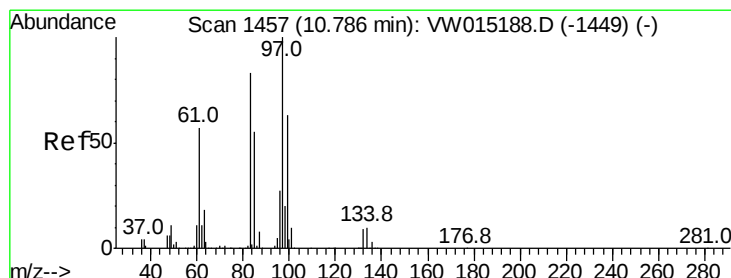
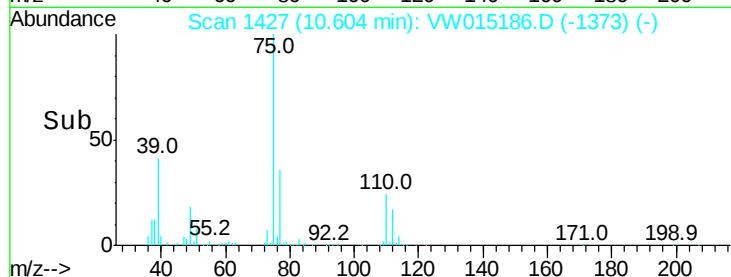
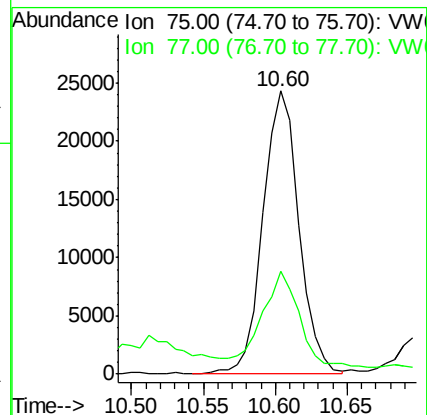
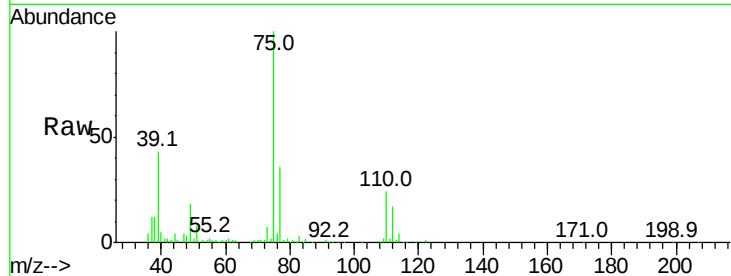
ClientSampled :

Tgt Ion: 75 Resp: 41986

Ion Ratio Lower Upper

75 100

77 36.2 22.3 41.5



#46

1,1,2-Trichloroethane

Concen: 2.451 ug/L

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

Tgt Ion: 97 Resp: 23713

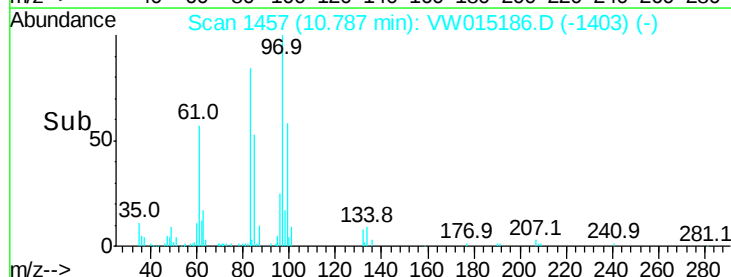
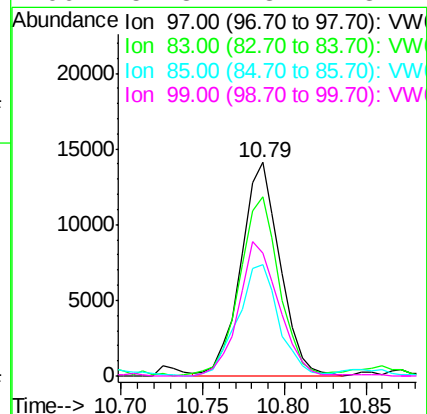
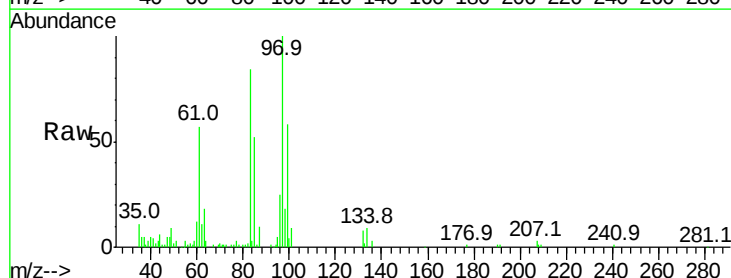
Ion Ratio Lower Upper

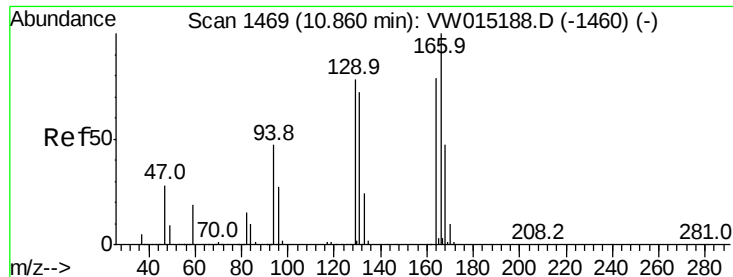
97 100

83 83.9 57.9 107.5

85 52.2 38.5 71.5

99 57.8 43.7 81.1

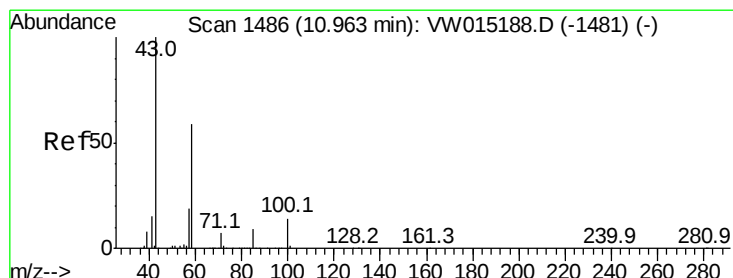
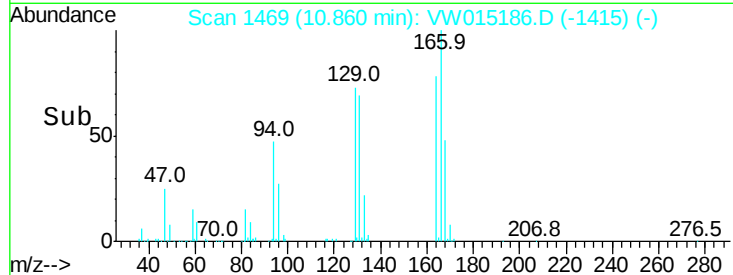
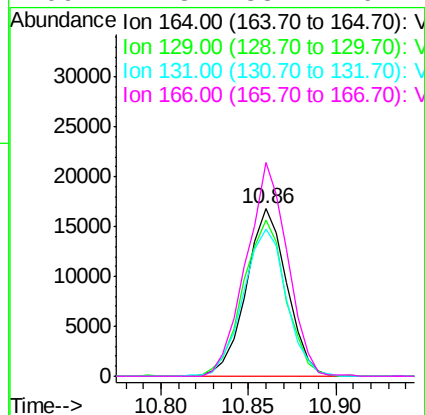
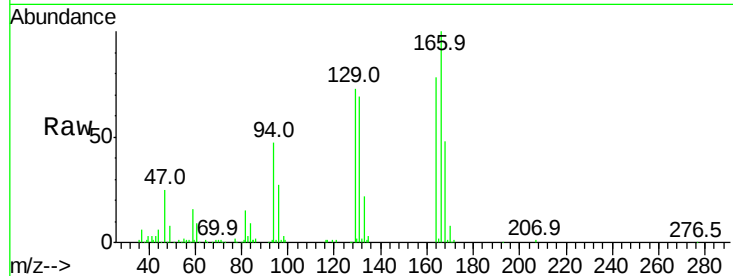




#47
Tetrachloroethene
Concen: 2.594 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015186.D
Acq: 14 Apr 2020 11:21

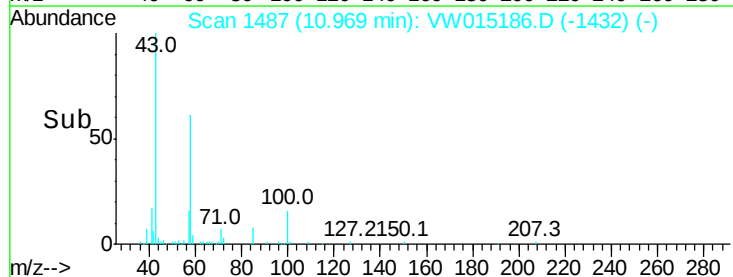
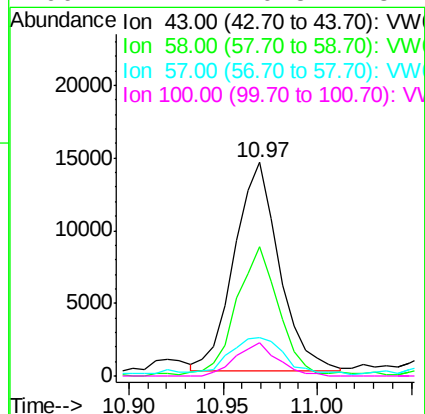
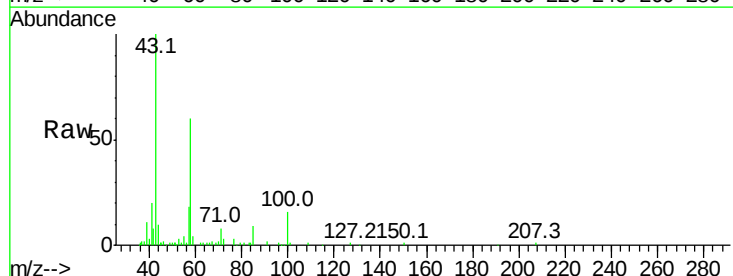
Instrument :
MSVOA_W
ClientSampleId :

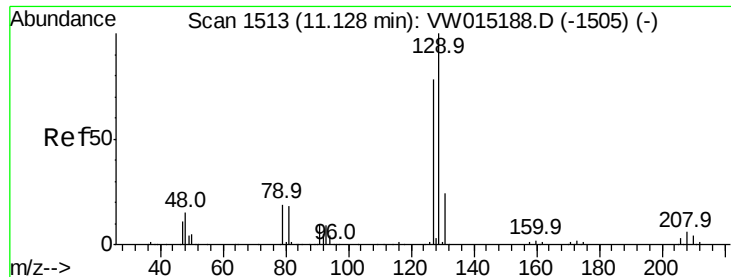
Tgt Ion:164 Resp: 27312
Ion Ratio Lower Upper
164 100
129 93.2 69.4 128.8
131 88.2 63.7 118.3
166 127.8 88.4 164.2



#49
2-Hexanone
Concen: 4.430 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.01 min
Lab File: VW015186.D
Acq: 14 Apr 2020 11:21

Tgt Ion: 43 Resp: 23611
Ion Ratio Lower Upper
43 100
58 58.9 45.8 68.6
57 20.5 15.1 22.7
100 14.7 10.5 15.7





#50

Dibromochloromethane

Concen: 2.408 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_W

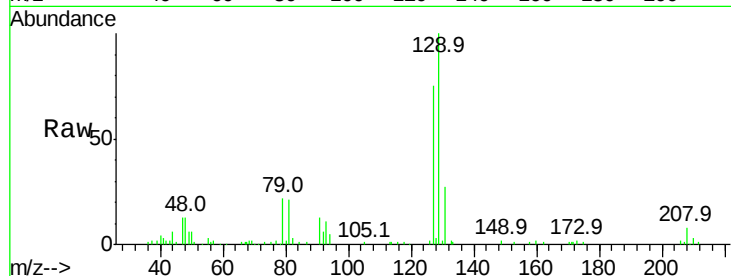
ClientSampleId :

Tgt Ion:129 Resp: 27258

Ion Ratio Lower Upper

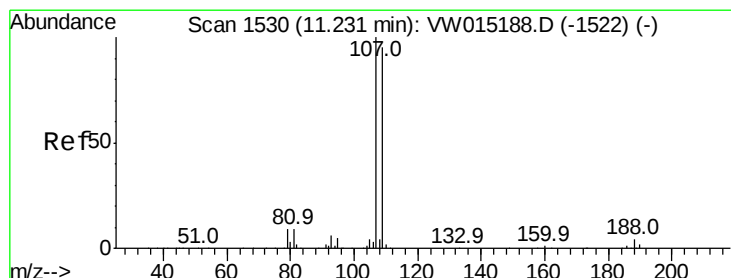
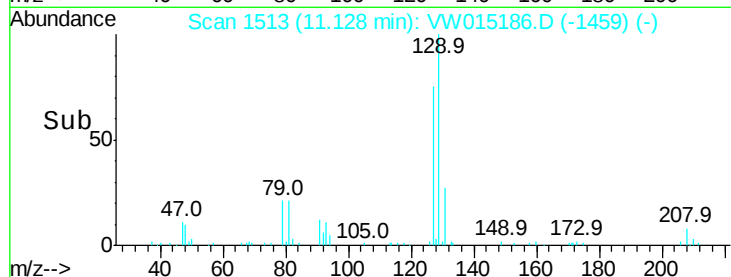
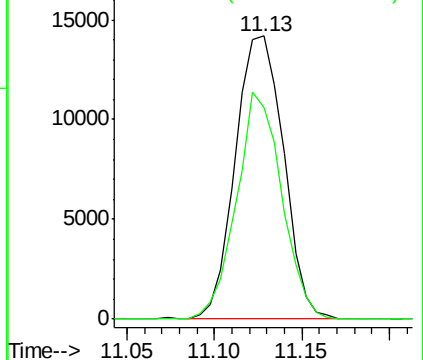
129 100

127 74.6 54.3 100.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#51

1,2-Dibromoethane

Concen: 2.411 ug/L

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

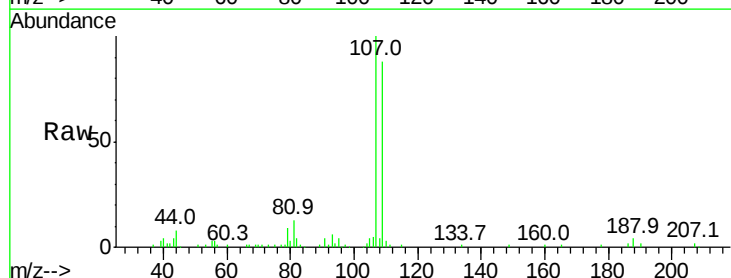
Tgt Ion:107 Resp: 21986

Ion Ratio Lower Upper

107 100

109 87.8 66.8 124.2

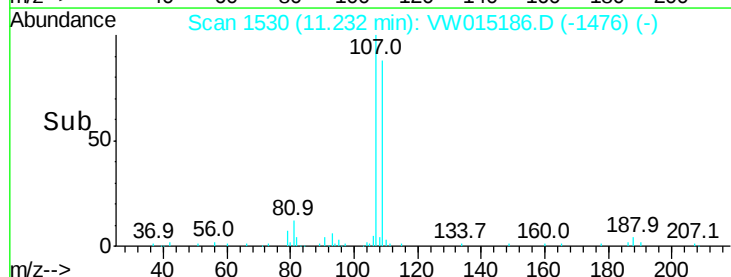
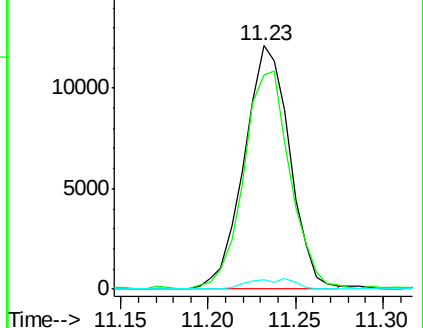
188 3.7 3.0 4.6

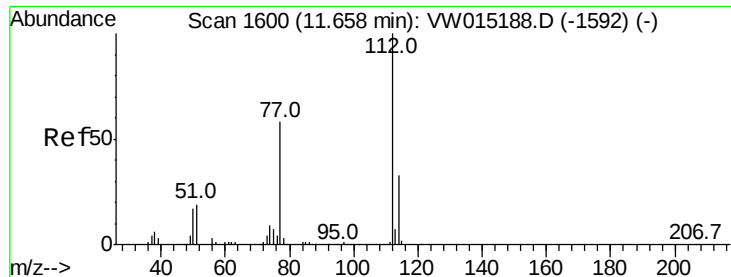


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V

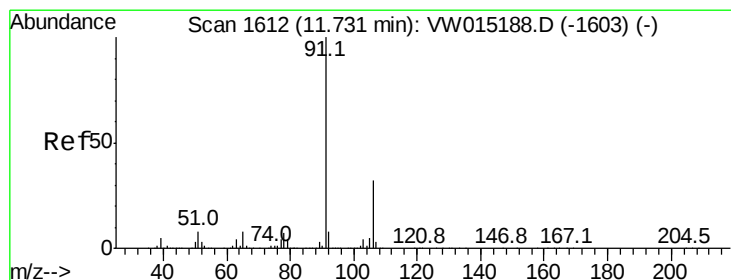
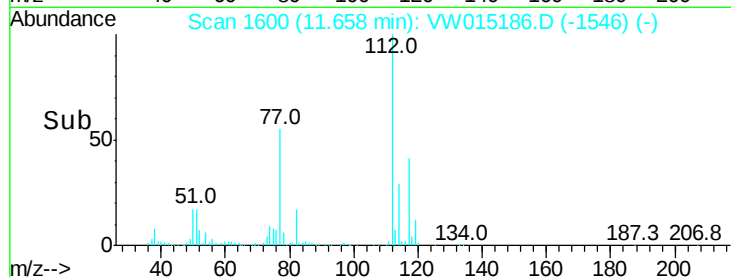
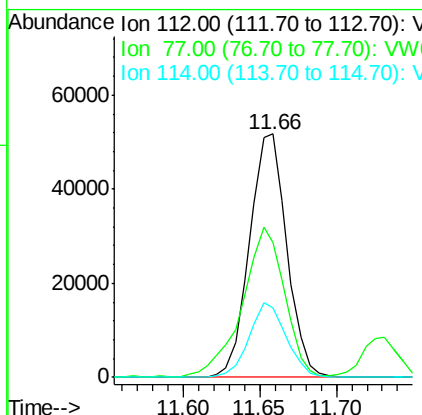
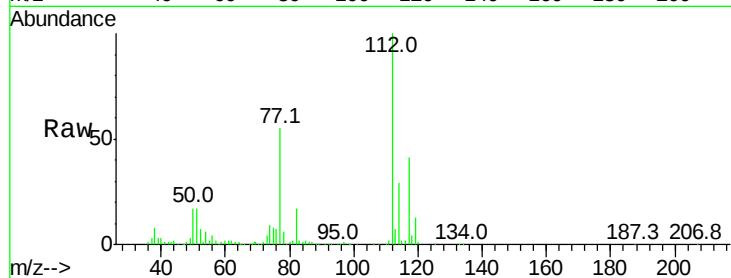




#52
Chlorobenzene
Concen: 2.443 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015186.D
Acq: 14 Apr 2020 11:21

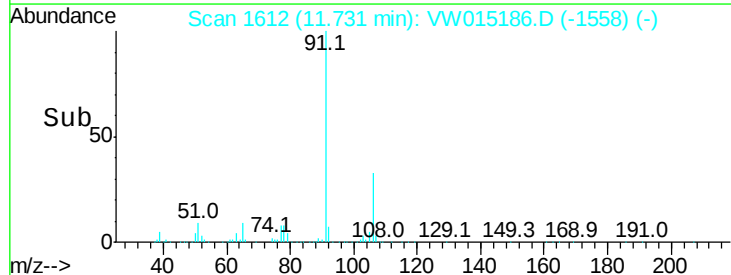
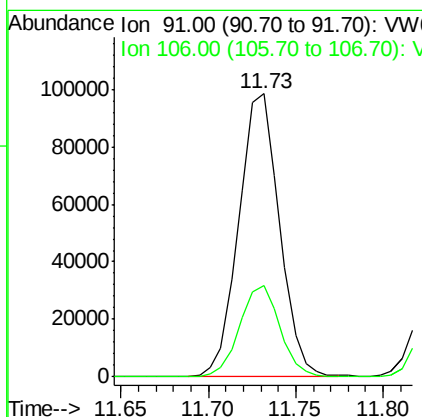
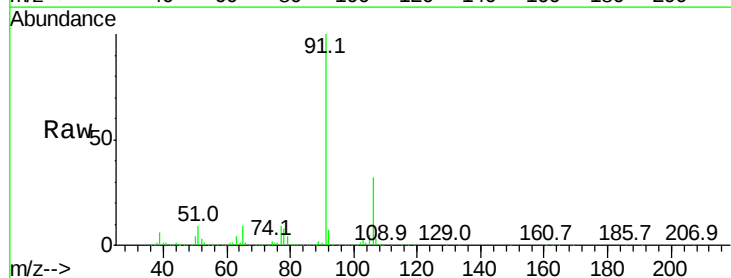
Instrument :
MSVOA_W
ClientSampleId :

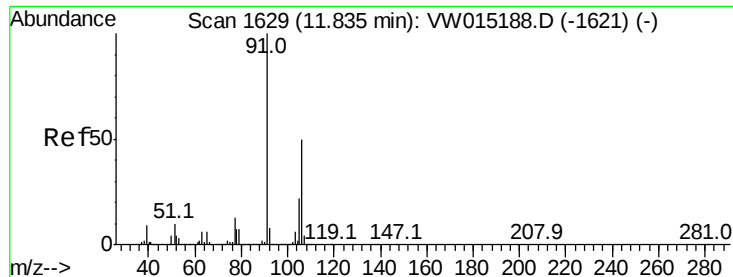
Tgt Ion: 112 Resp: 88022
Ion Ratio Lower Upper
112 100
77 55.4 46.2 69.4
114 28.7 22.7 42.3



#53
Ethylbenzene
Concen: 2.409 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015186.D
Acq: 14 Apr 2020 11:21

Tgt Ion: 91 Resp: 158900
Ion Ratio Lower Upper
91 100
106 32.4 22.4 41.6





#54

m,p-Xylene

Concen: 2.454 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_W

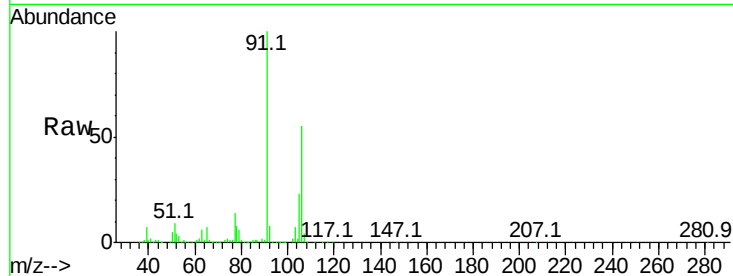
ClientSampleId :

Tgt Ion:106 Resp: 62073

Ion Ratio Lower Upper

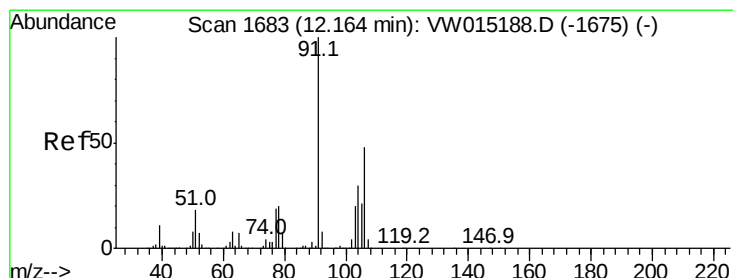
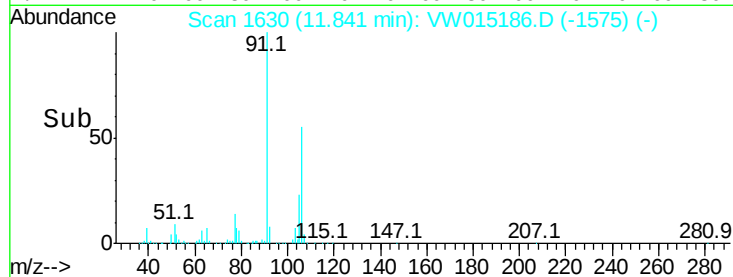
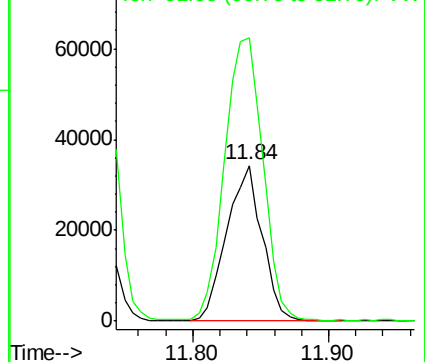
106 100

91 181.5 141.0 261.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 2.402 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW015186.D

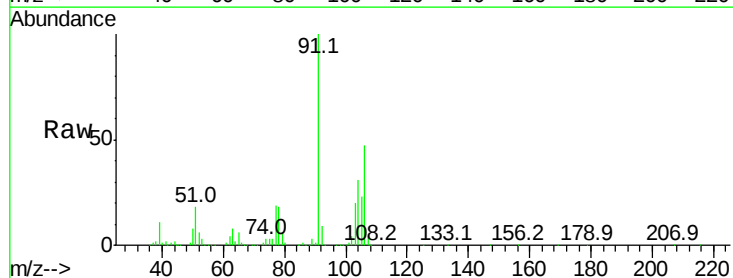
Acq: 14 Apr 2020 11:21

Tgt Ion:106 Resp: 58082

Ion Ratio Lower Upper

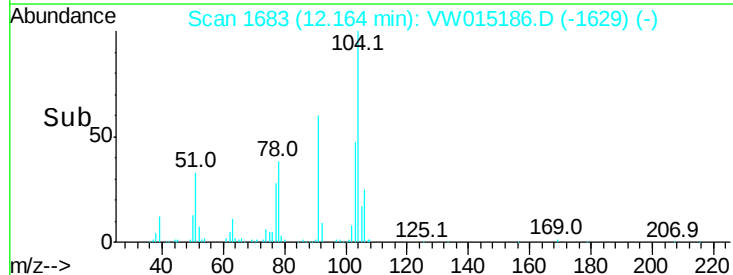
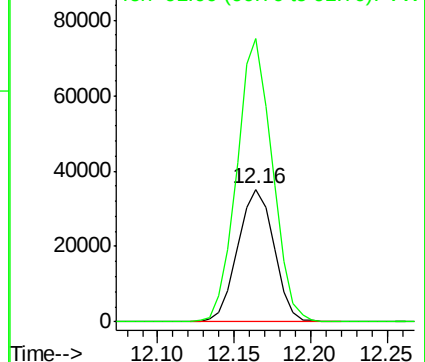
106 100

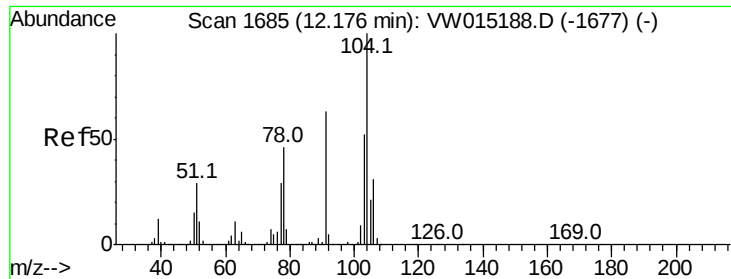
91 213.7 145.7 270.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#56

Styrene

Concen: 2.364 ug/L

RT: 12.18 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_W

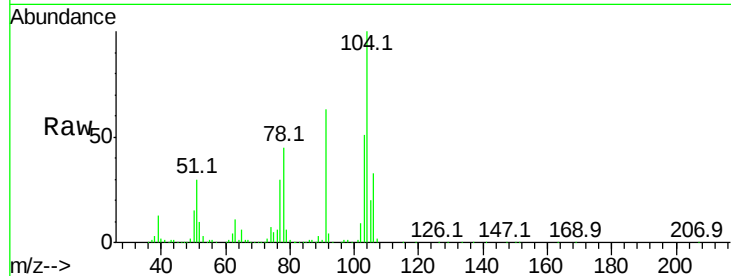
ClientSampleId :

Tgt Ion:104 Resp: 96106

Ion Ratio Lower Upper

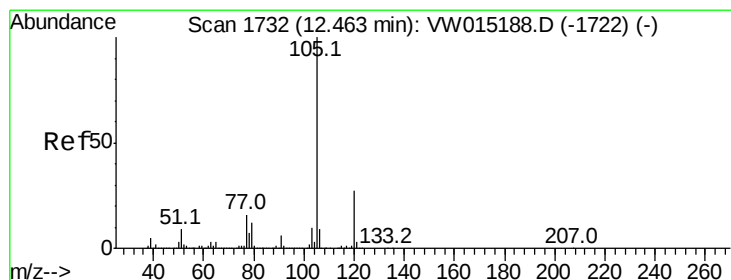
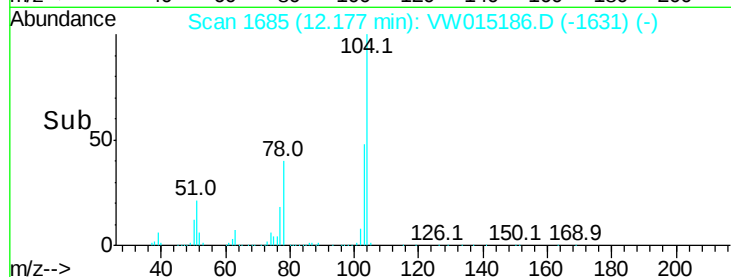
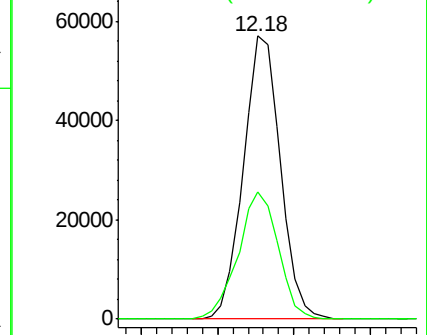
104 100

78 45.0 32.3 59.9



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW



#57

Isopropylbenzene

Concen: 2.419 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

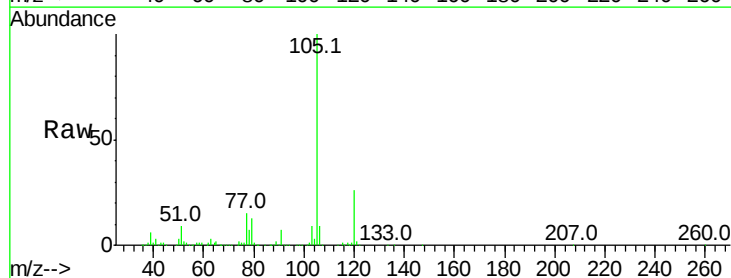
Tgt Ion:105 Resp: 157874

Ion Ratio Lower Upper

105 100

120 26.7 21.4 32.2

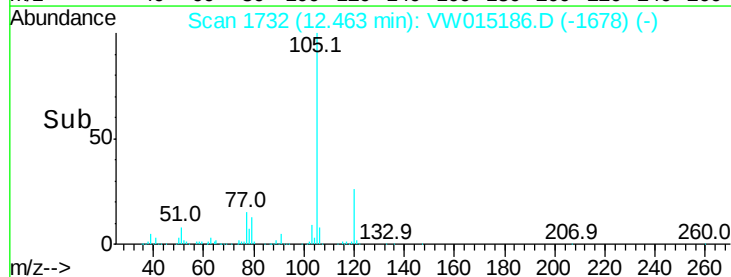
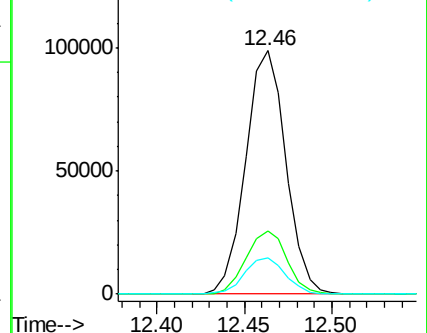
77 15.4 12.4 18.6

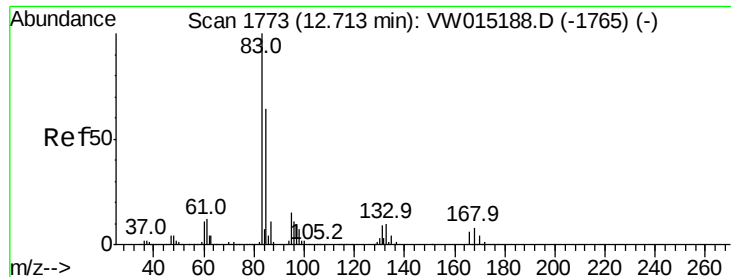


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VW





#58

1,1,2,2-Tetrachloroethane

Concen: 2.312 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015186.D

Acq: 14 Apr 2020 11:21

Instrument :

MSVOA_W

ClientSampled :

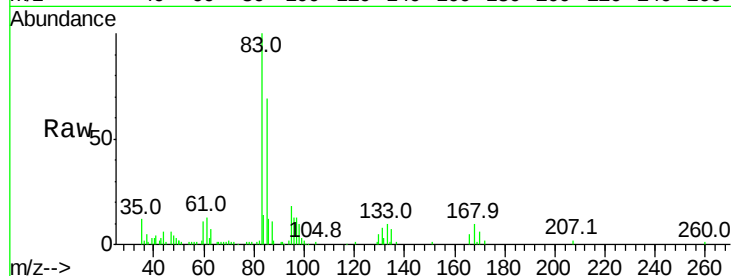
Tgt Ion: 83 Resp: 26060

Ion Ratio Lower Upper

83 100

85 69.5 44.7 83.1

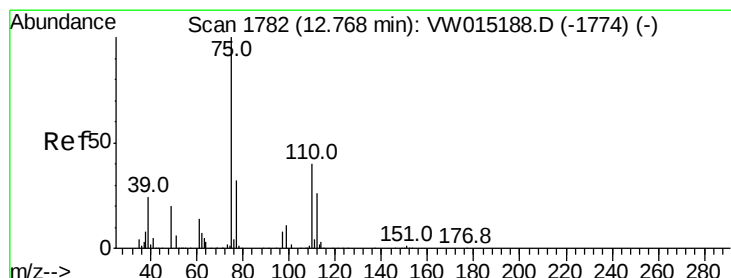
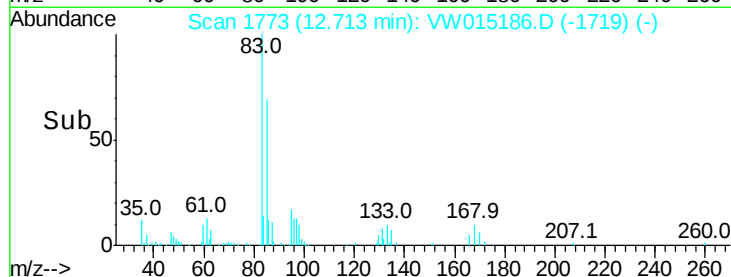
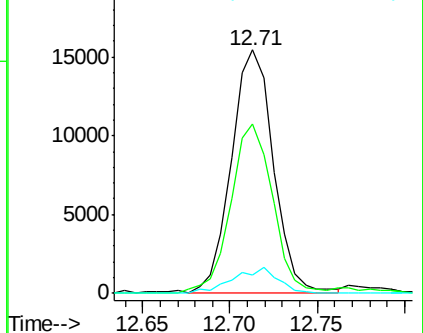
131 7.7 7.0 10.6



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): VW



#59

1,2,3-Trichloropropane

Concen: 2.380 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015186.D

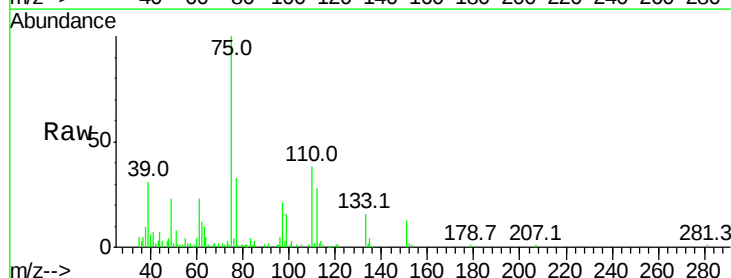
Acq: 14 Apr 2020 11:21

Tgt Ion: 75 Resp: 19818

Ion Ratio Lower Upper

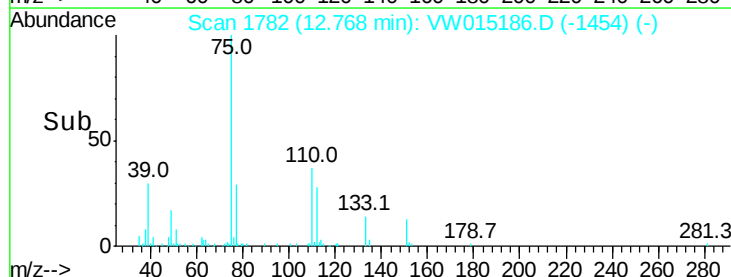
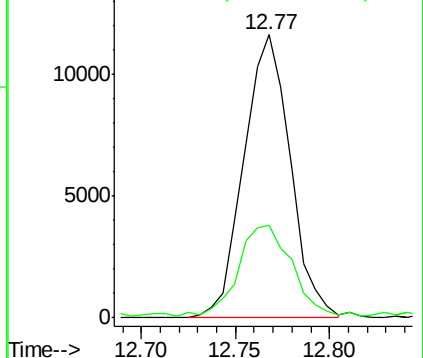
75 100

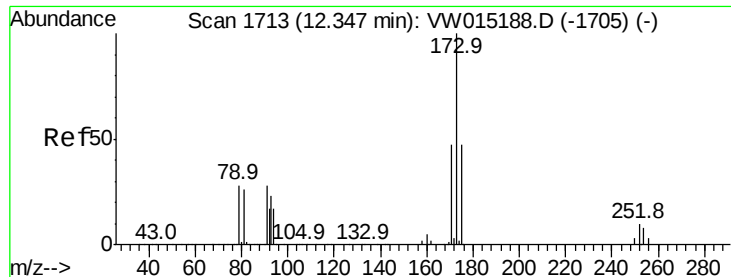
77 36.7 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

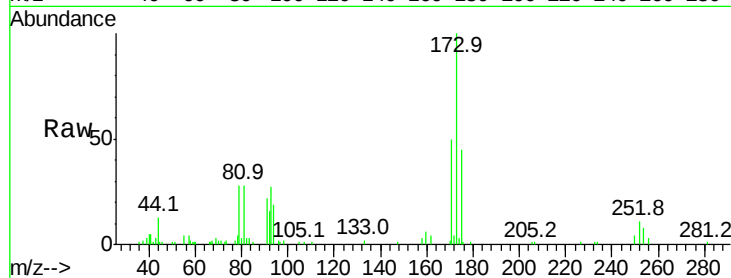




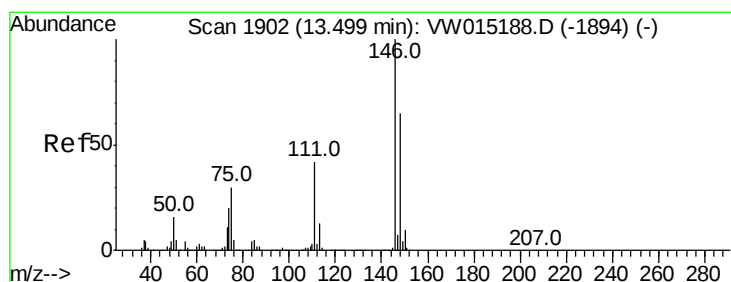
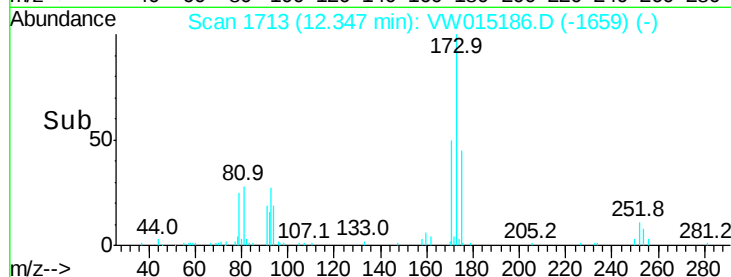
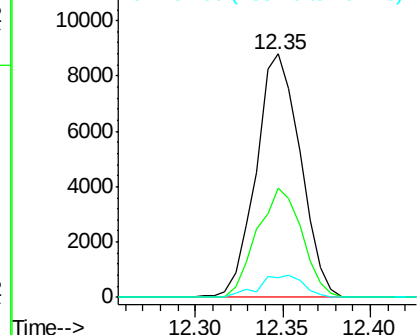
#62
Bromoform
Concen: 2.489 ug/L
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW015186.D
Acq: 14 Apr 2020 11:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:173 Resp: 15498
Ion Ratio Lower Upper
173 100
175 45.6 38.4 57.6
254 7.7 7.3 10.9

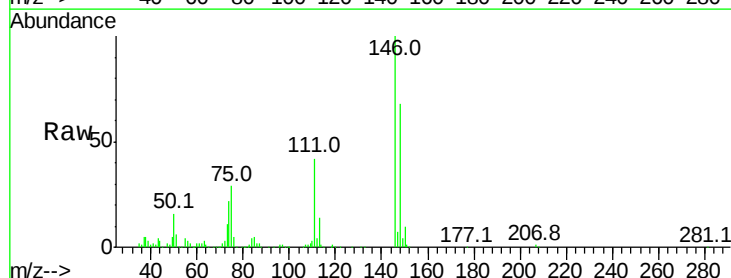


Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#63
1,3-Dichlorobenzene
Concen: 2.440 ug/L
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW015186.D
Acq: 14 Apr 2020 11:21

Tgt Ion:146 Resp: 62739
Ion Ratio Lower Upper
146 100
111 42.3 29.3 54.3
148 68.2 45.7 84.9



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

