

Data File : VW003343.D
Acq On : 20 Jun 2018 09:37
Operator : SY/AP
Sample : VSTD2.586
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.586

Quant Time: Jun 20 11:34:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 20 11:34:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	399651	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	370269	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	181217	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	13792	2.69	ug/L	0.00
7) Chloroethane-d5	2.89	69	11304	2.26	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	28105	2.74	ug/L	0.00
20) 2-Butanone-d5	7.10	46	7908	4.49	ug/L	0.00
24) Chloroform-d	7.65	84	27641	2.63	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	16164	2.57	ug/L	0.00
29) Benzene-d6	8.28	84	49303	2.52	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	16306	2.63	ug/L	0.00
37) Toluene-d8	10.33	98	45155	2.37	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	7199	2.45	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	5187	3.77	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	14639	2.44	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	18182	2.55	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	4921	2.959 ug/L	92
3) Chloromethane	2.21	50	13697	3.285 ug/L	99
5) Vinyl chloride	2.36	62	18787	2.903 ug/L	99
6) Bromomethane	2.78	94	10552	2.552 ug/L	99
8) Chloroethane	2.93	64	10828	2.502 ug/L	95
9) Trichlorofluoromethane	3.26	101	10873	2.595 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	14310	2.867 ug/L #	92
12) 1,1-Dichloroethene	4.03	96	13281	2.807 ug/L	84
13) Acetone	4.15	43	9269	5.161 ug/L	66
14) Carbon disulfide	4.37	76	42230	2.753 ug/L	98
15) Methyl Acetate	4.68	43	7443	2.660 ug/L #	80
16) Methylene chloride	4.90	84	16649	2.731 ug/L	100
17) Methyl tert-butyl Ether	5.43	73	22848	2.542 ug/L #	91
18) trans-1,2-Dichloroethene	5.42	96	13318	2.677 ug/L	97
19) 1,1-Dichloroethane	6.21	63	25477	2.813 ug/L	95
21) 2-Butanone	7.19	43	9797	4.804 ug/L	78
22) cis-1,2-Dichloroethene	7.17	96	13634	2.589 ug/L	96
23) Bromochloromethane	7.52	128	6761	2.705 ug/L	85
25) Chloroform	7.68	83	26440	2.763 ug/L	99
27) 1,2-Dichloroethane	8.41	62	18337	2.668 ug/L	100
30) Cyclohexane	7.96	56	19609	2.394 ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	21462	2.751 ug/L	96
32) Carbon tetrachloride	8.07	117	20209	2.696 ug/L	99
34) Benzene	8.33	78	53603	2.641 ug/L	100
35) Trichloroethene	9.09	95	14867	2.743 ug/L	97
36) Methylcyclohexane	9.34	83	23214	2.491 ug/L	99
40) 1,2-Dichloropropane	9.37	63	14356	2.748 ug/L #	97
41) Bromodichloromethane	9.65	83	18440	2.727 ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	19152	2.376 ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	17670	4.461 ug/L	98

Data File : VW003343.D
Acq On : 20 Jun 2018 09:37
Operator : SY/AP
Sample : VSTD2.586
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.586

Quant Time: Jun 20 11:34:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 20 11:34:29 2018
Response via : Initial Calibration

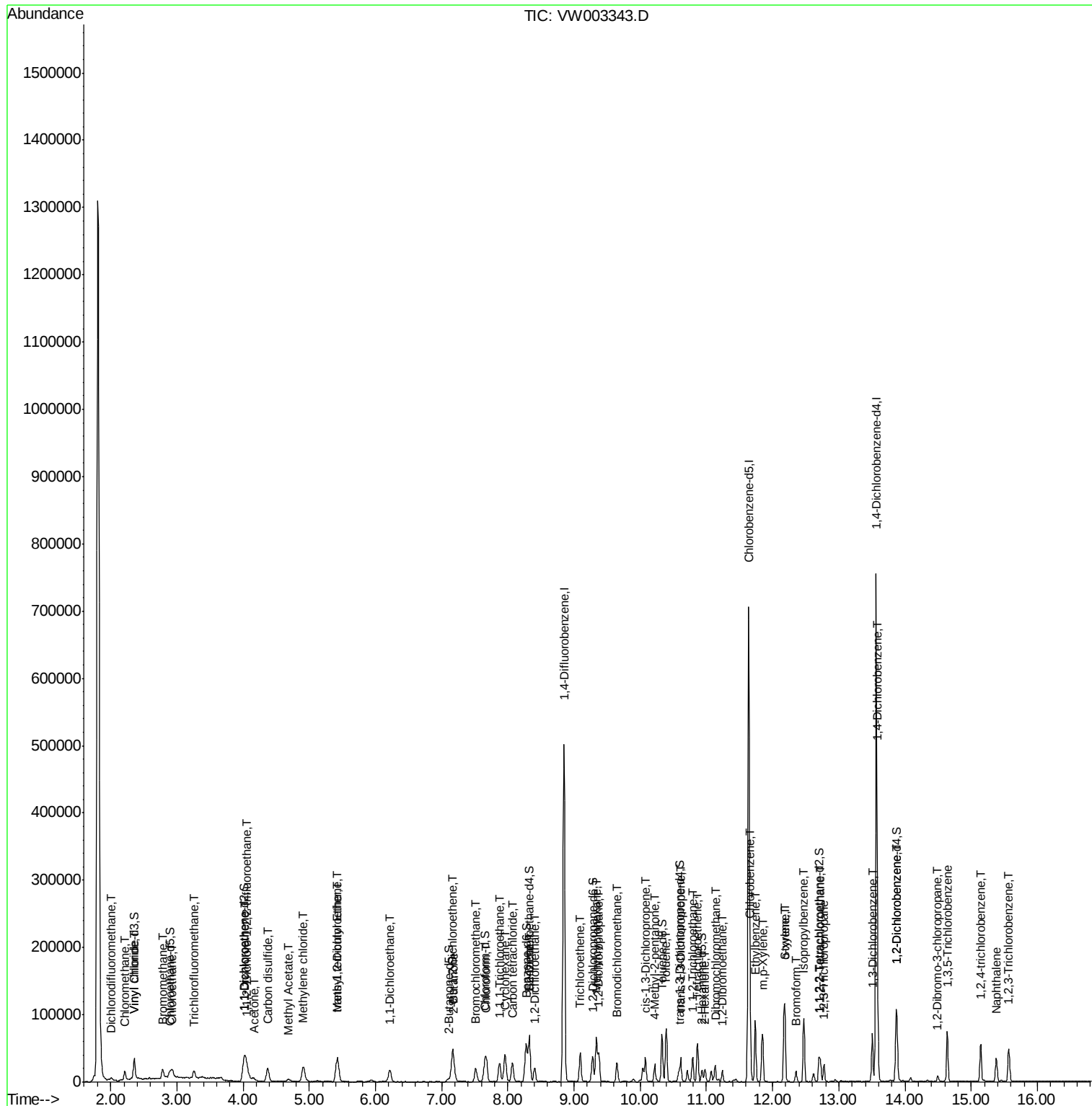
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	55632	2.519	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	17147	2.364	ug/L	92
46) 1,1,2-Trichloroethane	10.79	97	10314	2.564	ug/L	92
47) Tetrachloroethene	10.87	164	12493	2.748	ug/L	95
49) 2-Hexanone	10.98	43	11174	3.906	ug/L	100
50) Dibromochloromethane	11.13	129	12326	2.516	ug/L	92
51) 1,2-Dibromoethane	11.24	107	10271	2.577	ug/L #	99
52) Chlorobenzene	11.66	112	38563	2.674	ug/L	95
53) Ethylbenzene	11.74	91	59336	2.370	ug/L	99
54) m,p-Xylene	11.84	106	21626	2.336	ug/L	95
55) o-xylene	12.18	106	20761	2.358	ug/L	86
56) Styrene	12.19	104	33638	2.192	ug/L	98
57) Isopropylbenzene	12.47	105	55437	2.256	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.72	83	12912	2.424	ug/L #	97
59) 1,2,3-Trichloropropane	12.78	75	10110	2.492	ug/L	99
62) Bromoform	12.35	173	7120	2.410	ug/L #	98
63) 1,3-Dichlorobenzene	13.51	146	28491	2.643	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	31078	2.758	ug/L	95
65) 1,2-Dichlorobenzene	13.88	146	26947	2.644	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	2254	2.581	ug/L	85
67) 1,3,5-Trichlorobenzene	14.64	180	22172	2.627	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	17385	2.518	ug/L	98
69) Naphthalene	15.38	128	27887	2.126	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	15346	2.392	ug/L	96

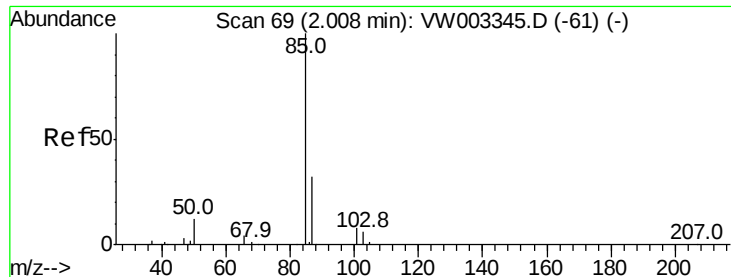
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW003343.D
Acq On : 20 Jun 2018 09:37
Operator : SY/AP
Sample : VSTD2.586
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.586

Quant Time: Jun 20 11:34:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 20 11:34:29 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 2.959 ug/L

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Instrument :

MSVOA_W

ClientSampleId :

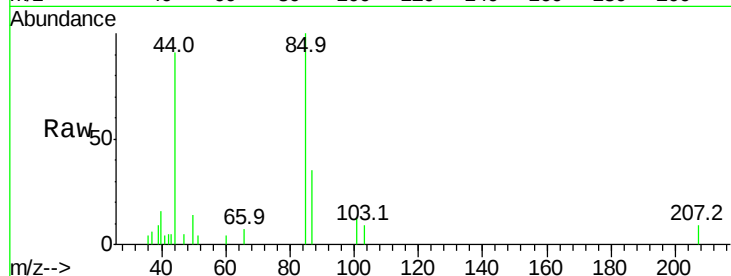
VSTD2.586

Tgt Ion: 85 Resp: 4921

Ion Ratio Lower Upper

85 100

87 20.7 17.1 31.7



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW

2.01

1500

1000

500

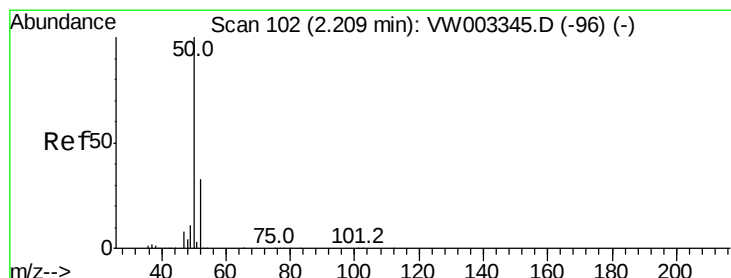
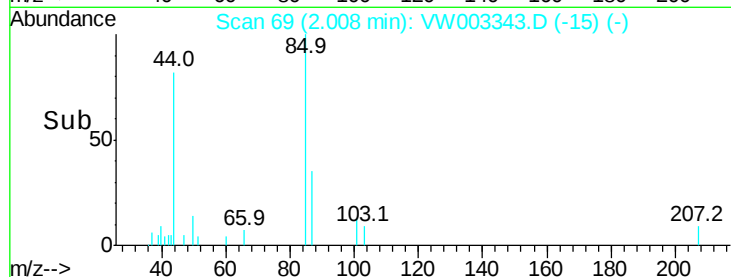
0

1.95

2.00

2.05

Time-->



#3

Chloromethane

Concen: 3.285 ug/L

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW003343.D

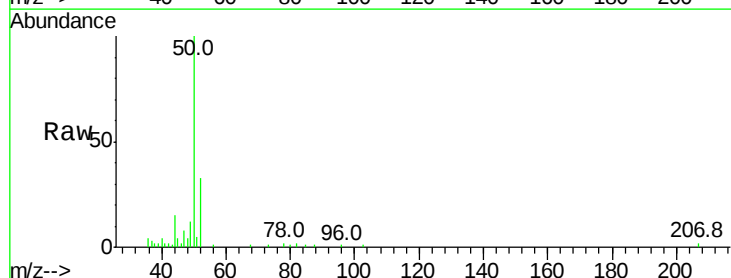
Acq: 20 Jun 2018 09:37

Tgt Ion: 50 Resp: 13697

Ion Ratio Lower Upper

50 100

52 32.7 23.3 43.3



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW

2.21

8000

6000

4000

2000

0

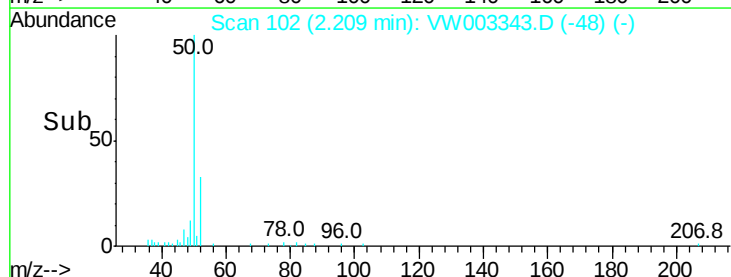
2.15

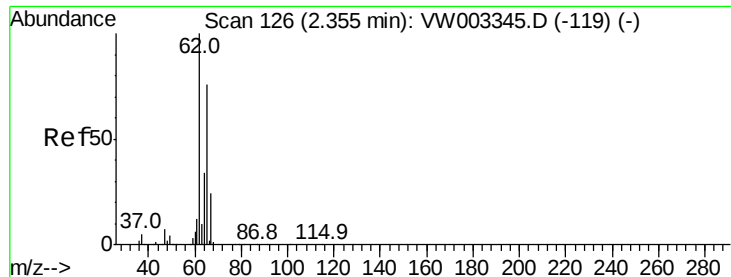
2.20

2.25

2.30

Time-->





#5

Vinyl chloride

Concen: 2.903 ug/L

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Instrument :

MSVOA_W

ClientSampleId :

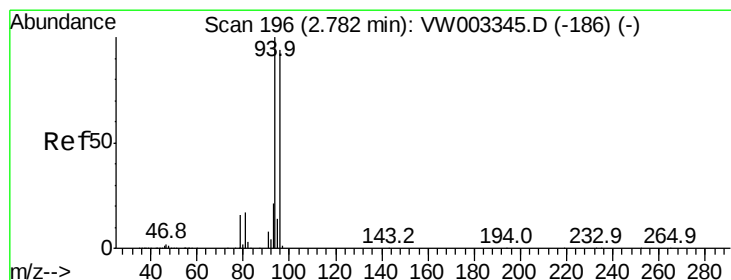
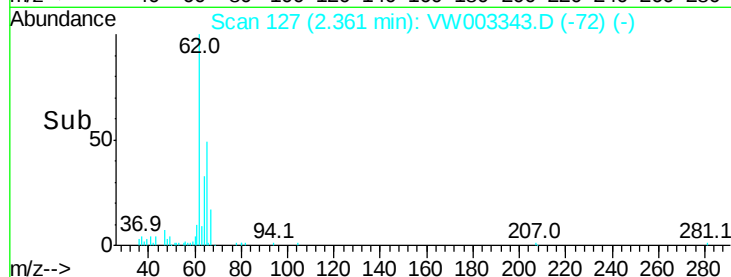
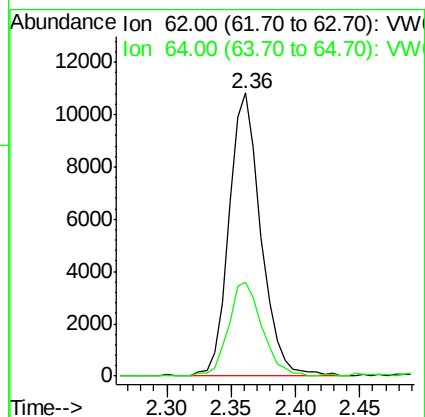
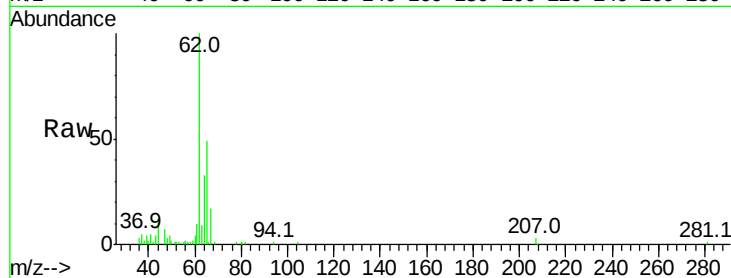
VSTD2.586

Tgt Ion: 62 Resp: 18787

Ion Ratio Lower Upper

62 100

64 33.0 23.5 43.7



#6

Bromomethane

Concen: 2.552 ug/L

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VW003343.D

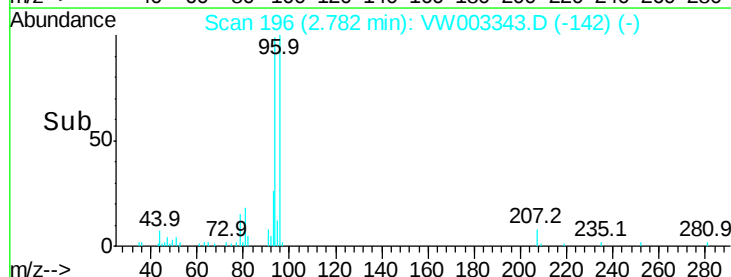
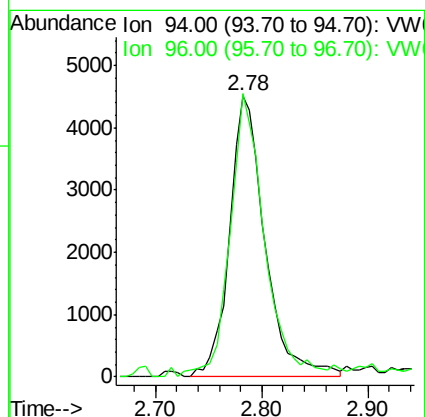
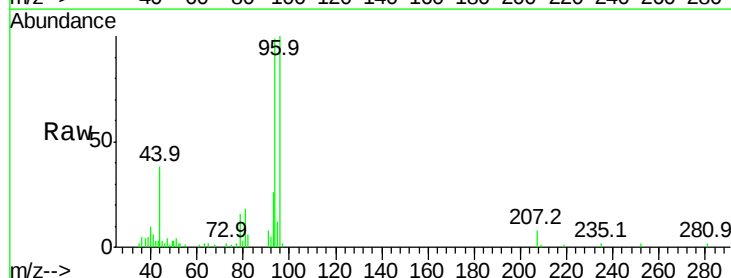
Acq: 20 Jun 2018 09:37

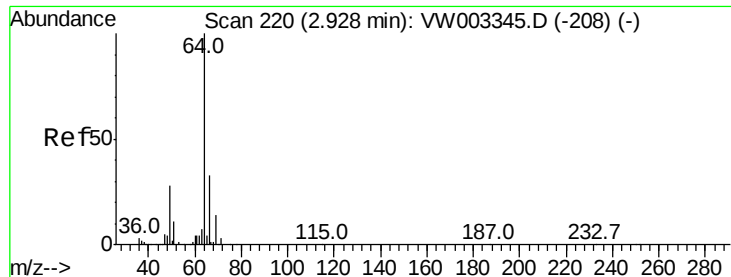
Tgt Ion: 94 Resp: 10552

Ion Ratio Lower Upper

94 100

96 95.4 9.5 180.3





#8

Chloroethane

Concen: 2.502 ug/L

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Instrument :

MSVOA_W

ClientSampleId :

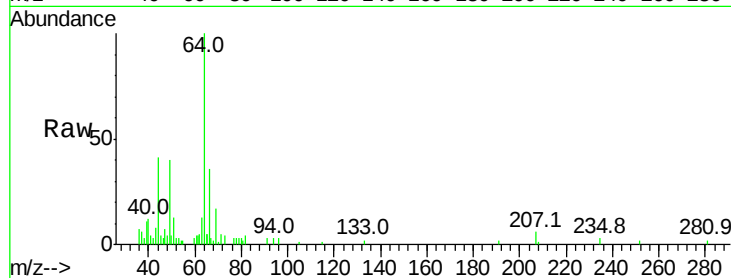
VSTD2.586

Tgt Ion: 64 Resp: 10828

Ion Ratio Lower Upper

64 100

66 35.8 22.9 42.5



Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW

2.93

4000

3000

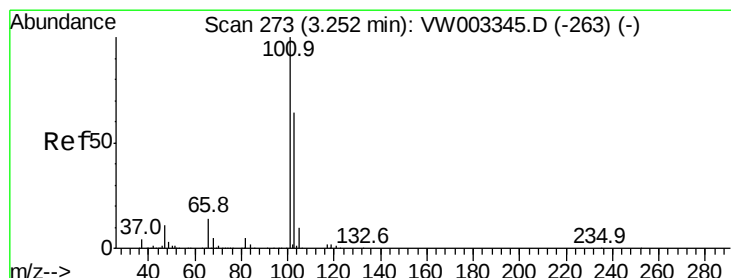
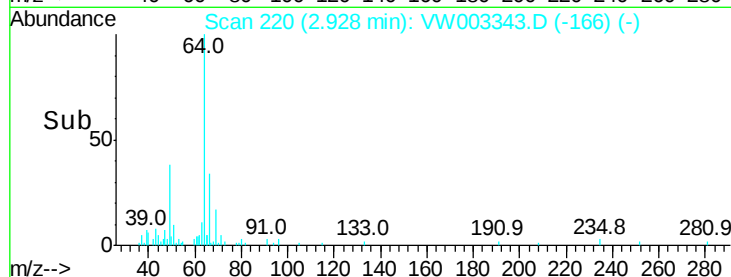
2000

1000

0

2.85 2.90 2.95 3.00

Time-->



#9

Trichlorofluoromethane

Concen: 2.595 ug/L

RT: 3.26 min Scan# 274

Delta R.T. 0.01 min

Lab File: VW003343.D

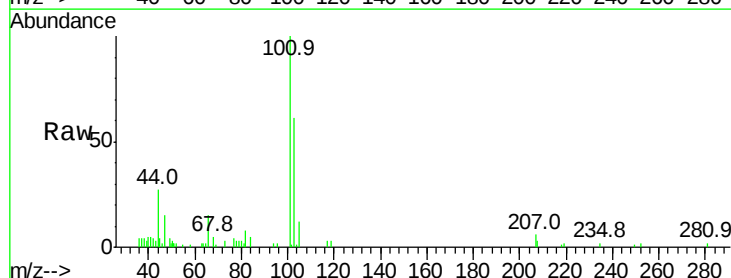
Acq: 20 Jun 2018 09:37

Tgt Ion: 101 Resp: 10873

Ion Ratio Lower Upper

101 100

103 65.4 45.1 83.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

3.26

5000

4000

3000

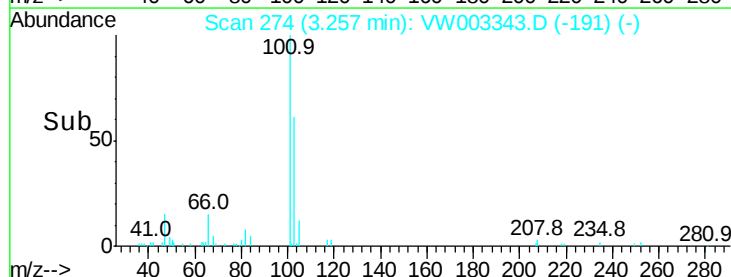
2000

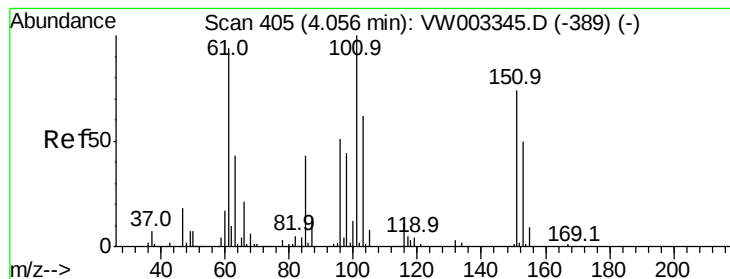
1000

0

3.20 3.25 3.30 3.35

Time-->





#11

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

Concen: 2.867 ug/L

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.586

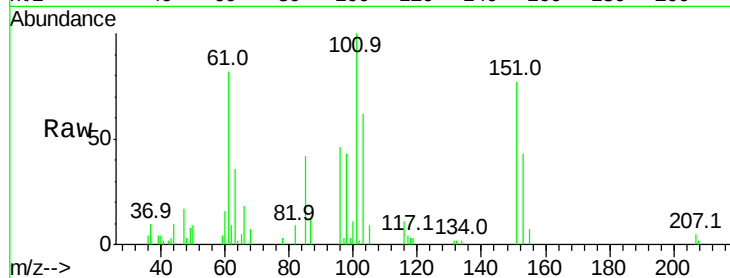
Tgt Ion:101 Resp: 14310

Ion Ratio Lower Upper

101 100

85 30.9 35.4 53.0#

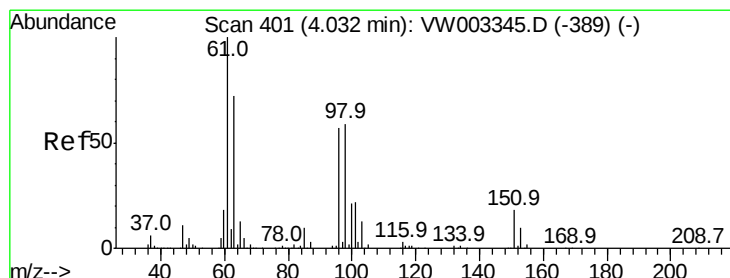
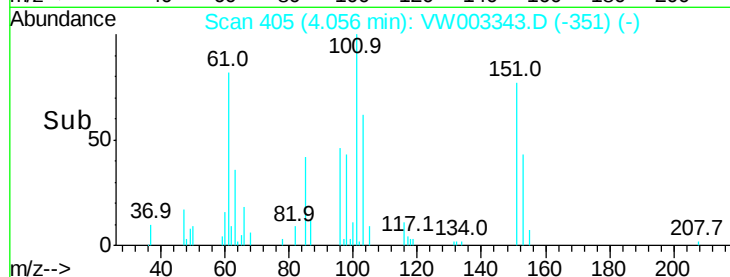
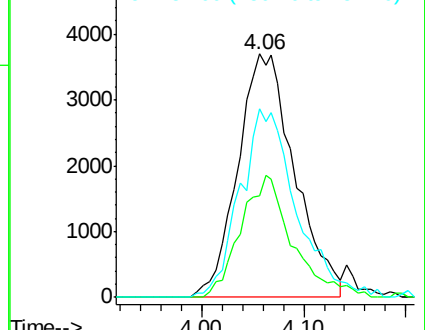
151 76.1 61.4 92.0



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: 2.807 ug/L

RT: 4.03 min Scan# 401

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

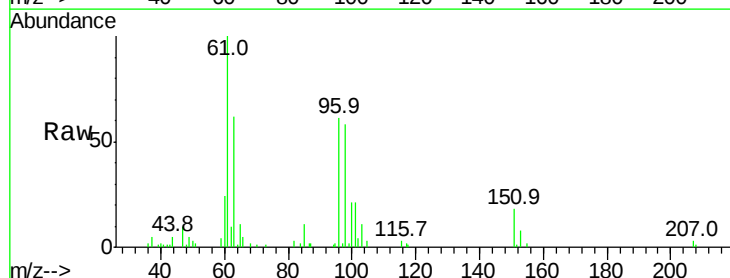
Tgt Ion: 96 Resp: 13281

Ion Ratio Lower Upper

96 100

61 165.2 124.1 230.5

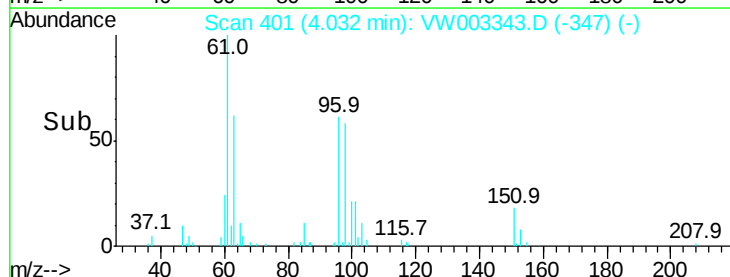
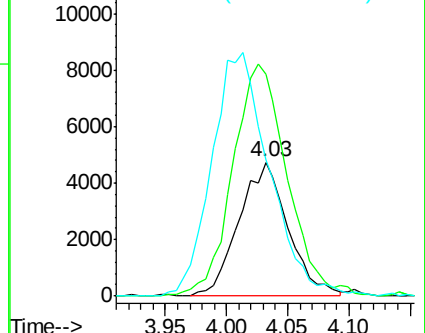
63 101.8 93.1 172.9

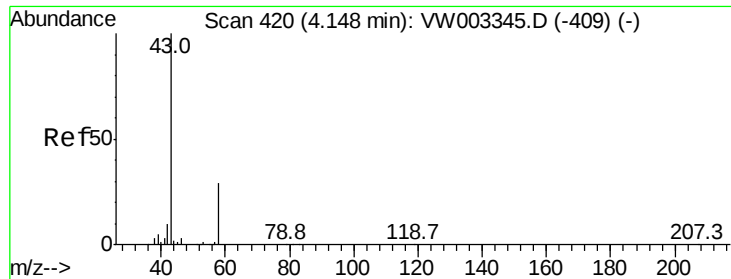


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 5.161 ug/L

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Instrument :

MSVOA_W

ClientSampleId :

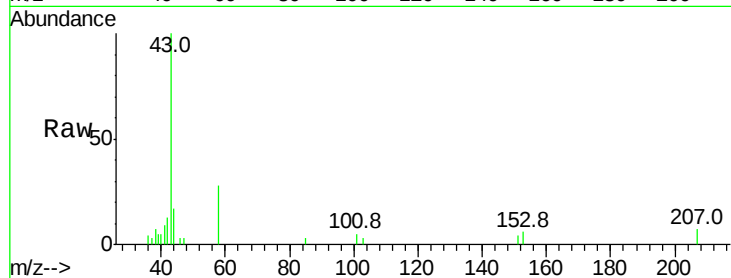
VSTD2.586

Tgt Ion: 43 Resp: 9269

Ion Ratio Lower Upper

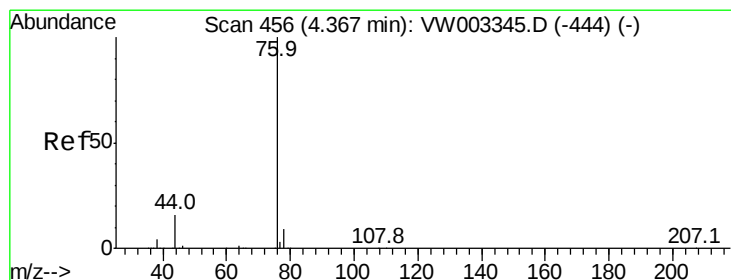
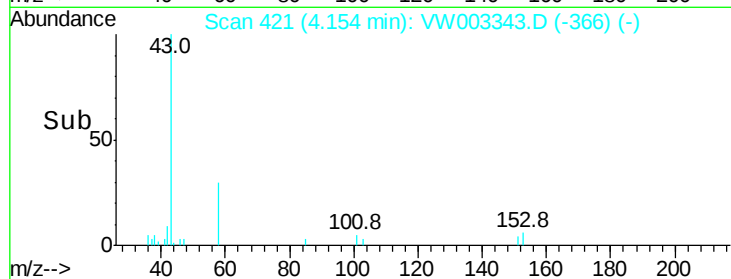
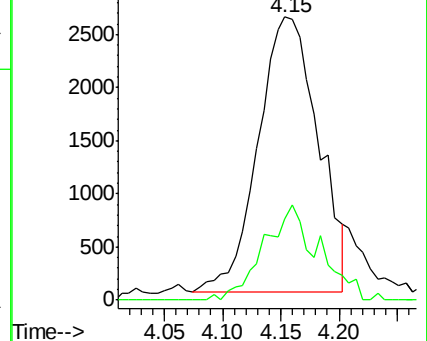
43 100

58 11.1 0.0 58.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 2.753 ug/L

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW003343.D

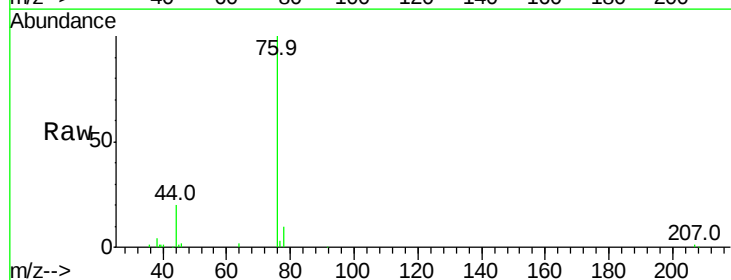
Acq: 20 Jun 2018 09:37

Tgt Ion: 76 Resp: 42230

Ion Ratio Lower Upper

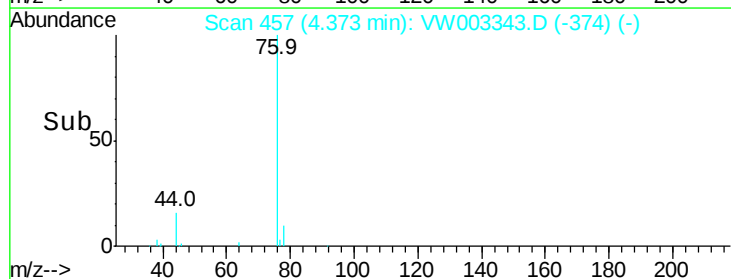
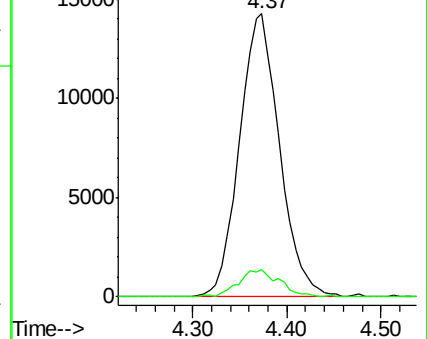
76 100

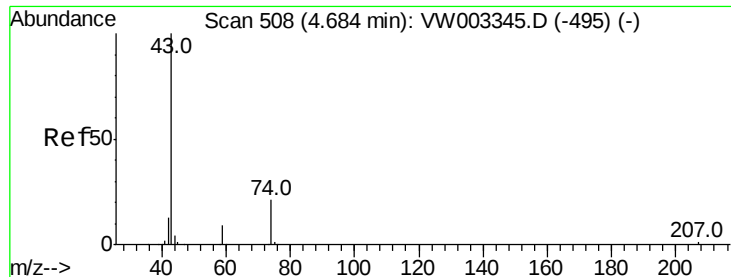
78 9.9 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#15

Methyl Acetate

Concen: 2.660 ug/L

RT: 4.68 min Scan# 508

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Instrument :

MSVOA_W

ClientSampled :

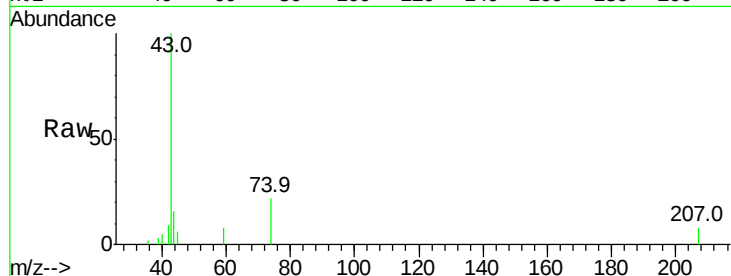
VSTD2.586

Tgt Ion: 43 Resp: 7443

Ion Ratio Lower Upper

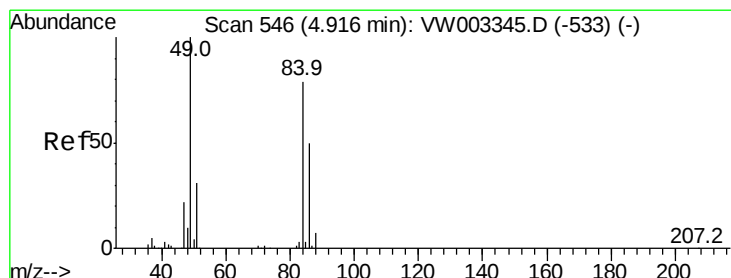
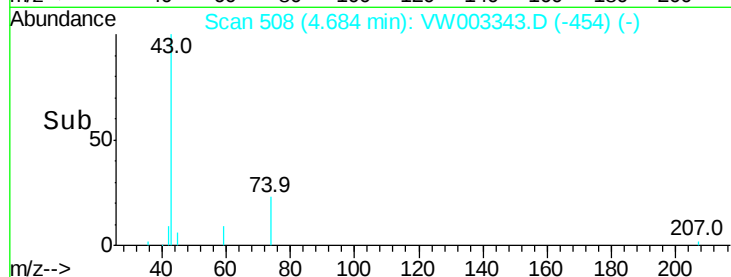
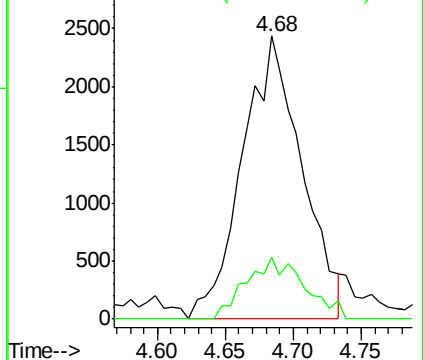
43 100

74 12.6 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#16

Methylene chloride

Concen: 2.731 ug/L

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

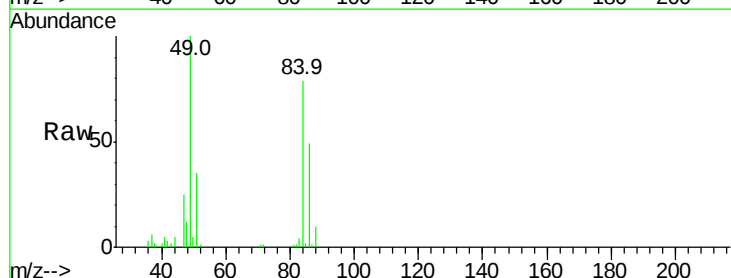
Tgt Ion: 84 Resp: 16649

Ion Ratio Lower Upper

84 100

49 126.0 88.7 164.7

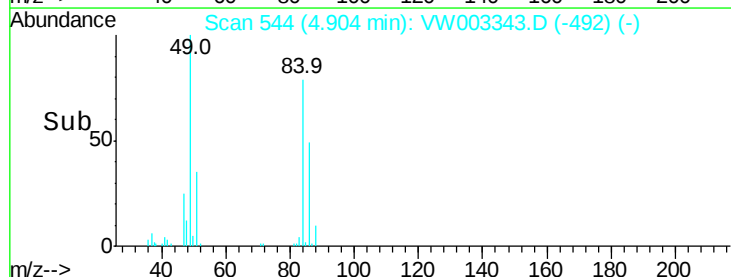
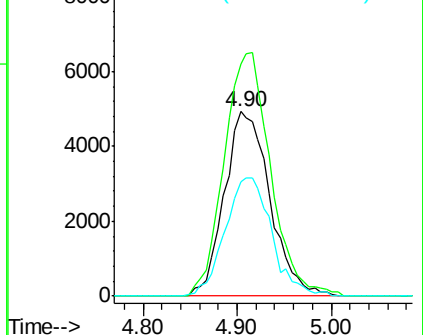
86 63.3 44.2 82.0

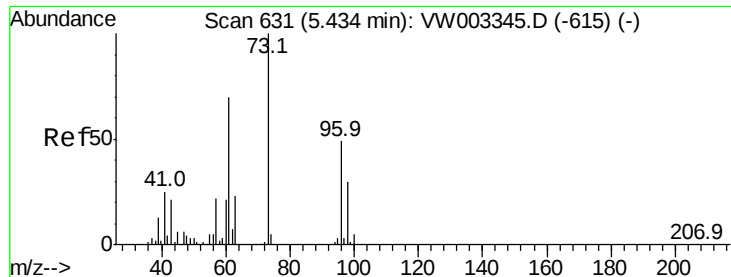


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

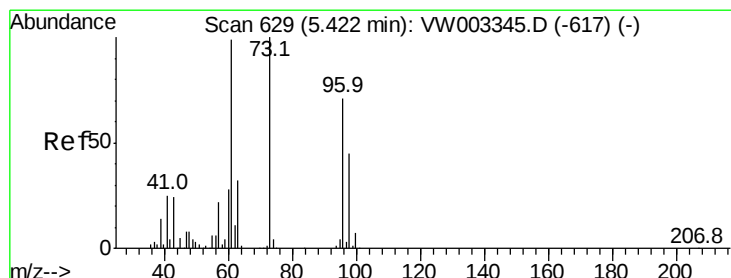
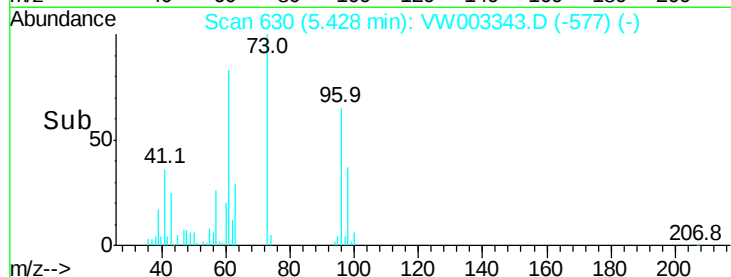
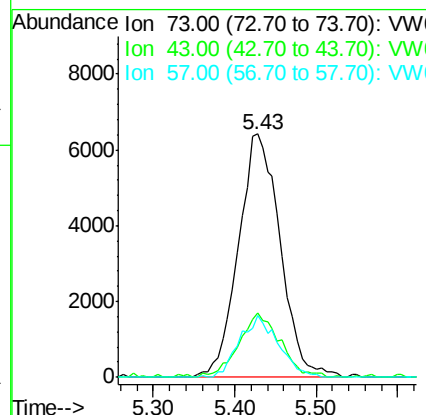
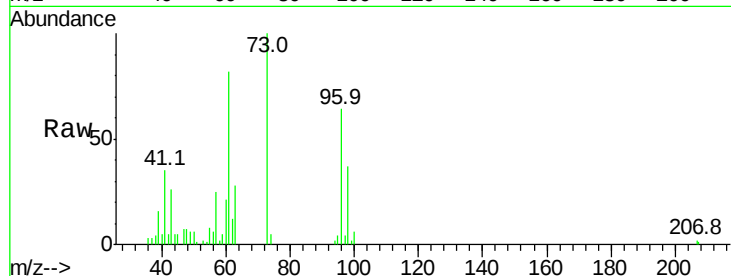




#17
Methyl tert-butyl Ether
Concen: 2.542 ug/L
RT: 5.43 min Scan# 630
Delta R.T. -0.01 min
Lab File: VW003343.D
Acq: 20 Jun 2018 09:37

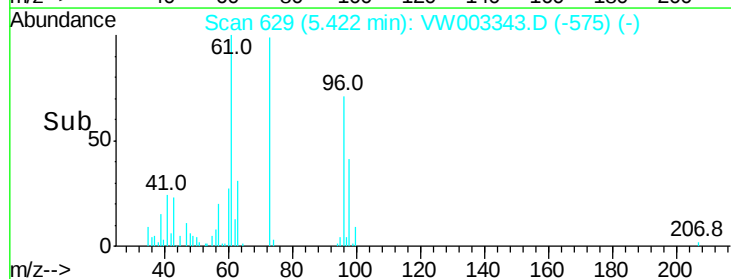
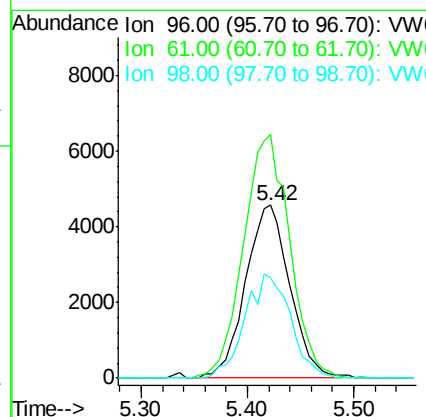
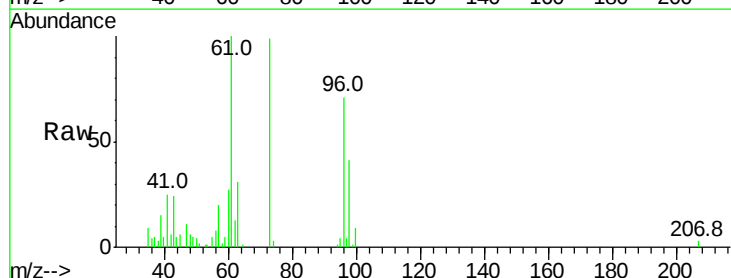
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.586

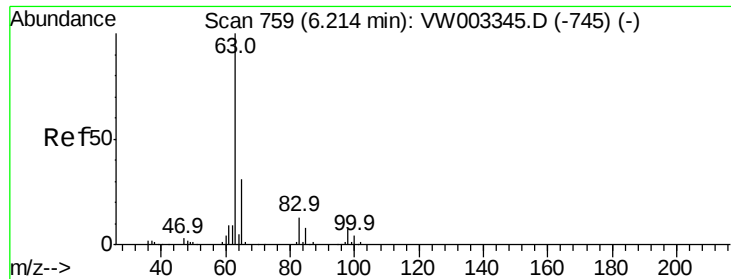
Tgt Ion: 73 Resp: 22848
Ion Ratio Lower Upper
73 100
43 25.2 18.6 27.8
57 16.2 18.1 27.1#



#18
trans-1,2-Dichloroethene
Concen: 2.677 ug/L
RT: 5.42 min Scan# 629
Delta R.T. -0.00 min
Lab File: VW003343.D
Acq: 20 Jun 2018 09:37

Tgt Ion: 96 Resp: 13318
Ion Ratio Lower Upper
96 100
61 141.1 98.0 182.0
98 58.4 44.2 82.2

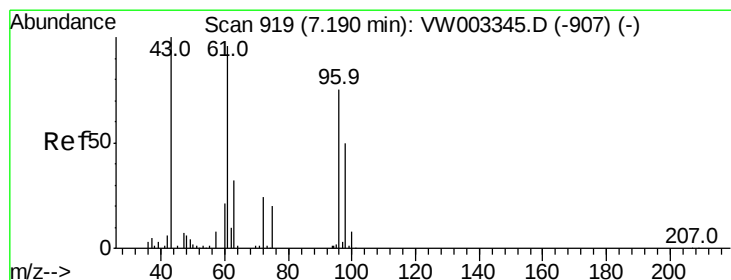
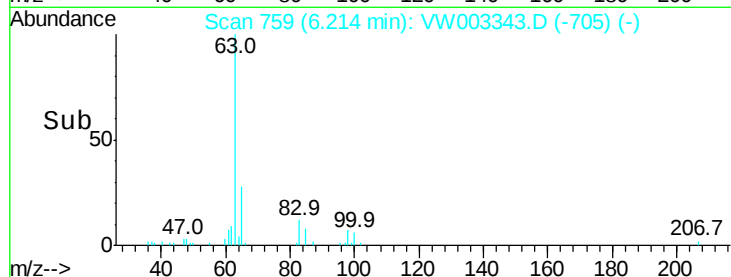
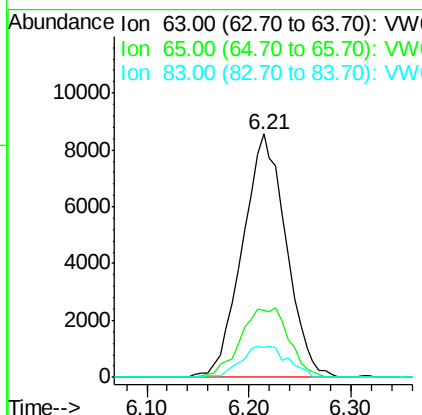
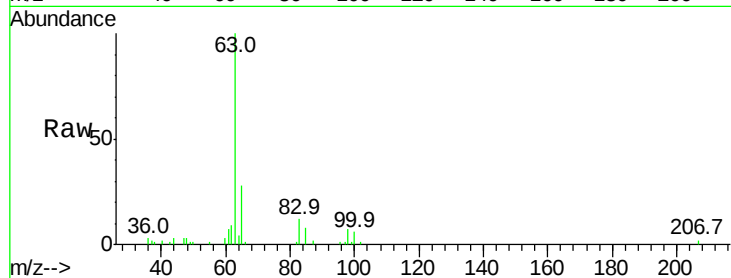




#19
 1,1-Dichloroethane
 Concen: 2.813 ug/L
 RT: 6.21 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VW003343.D
 Acq: 20 Jun 2018 09:37

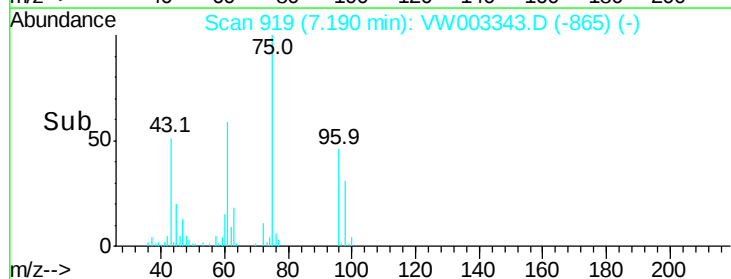
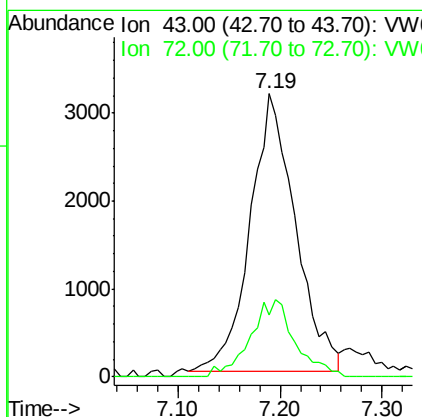
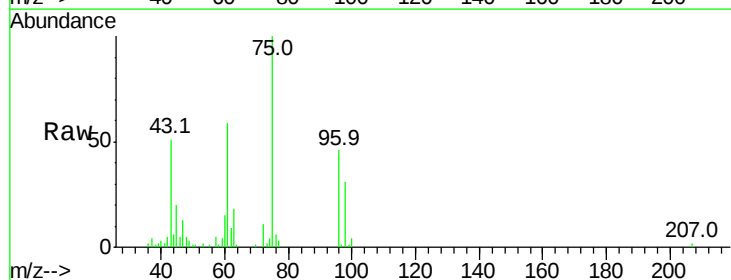
Instrument :
 MSVOA_W
 ClientSampled :
 VSTD2.586

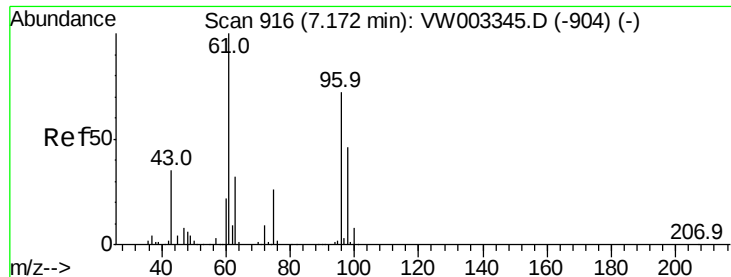
Tgt Ion: 63 Resp: 25477
 Ion Ratio Lower Upper
 63 100
 65 27.6 21.8 40.4
 83 12.3 9.0 16.6



#21
 2-Butanone
 Concen: 4.804 ug/L
 RT: 7.19 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW003343.D
 Acq: 20 Jun 2018 09:37

Tgt Ion: 43 Resp: 9797
 Ion Ratio Lower Upper
 43 100
 72 13.8 12.5 37.5



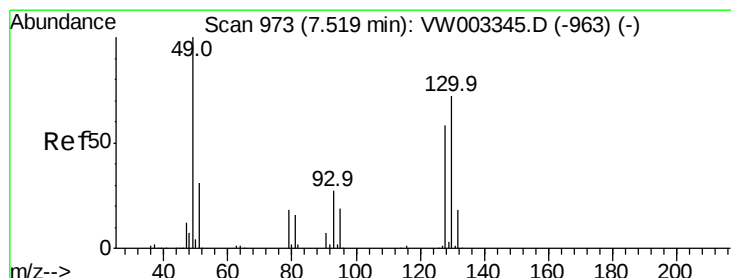
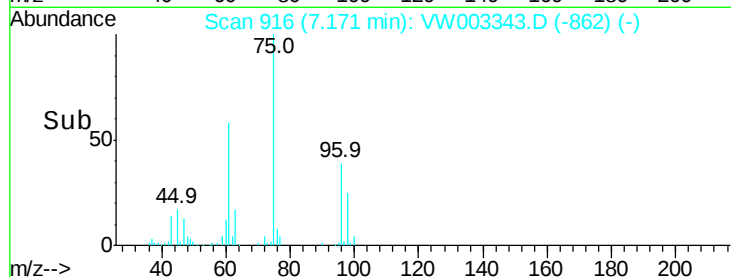
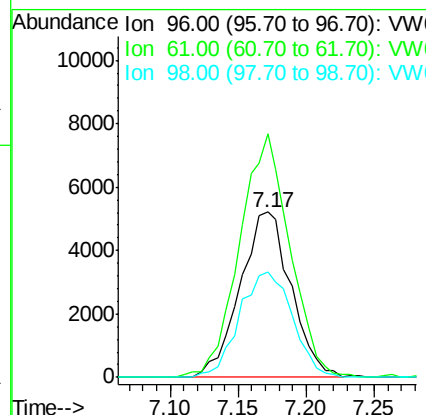
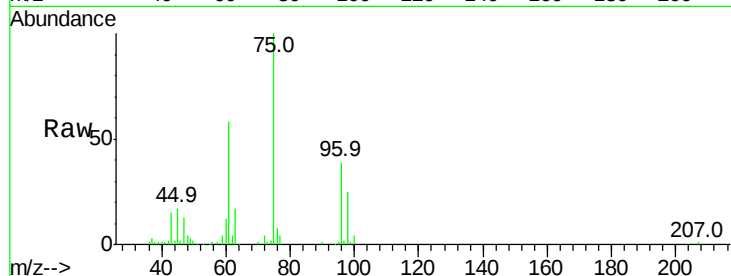


#22

cis-1,2-Dichloroethene
Concen: 2.589 ug/L
RT: 7.17 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW003343.D
Acq: 20 Jun 2018 09:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.586

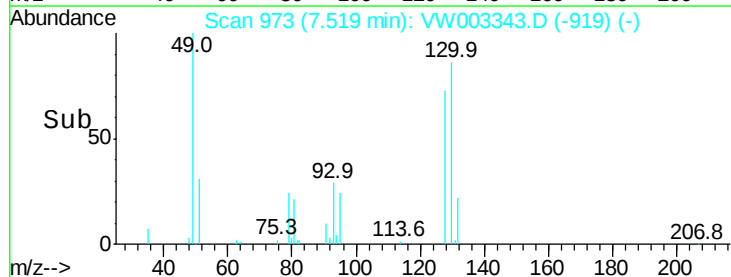
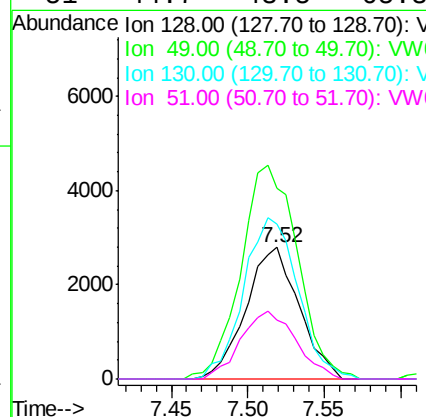
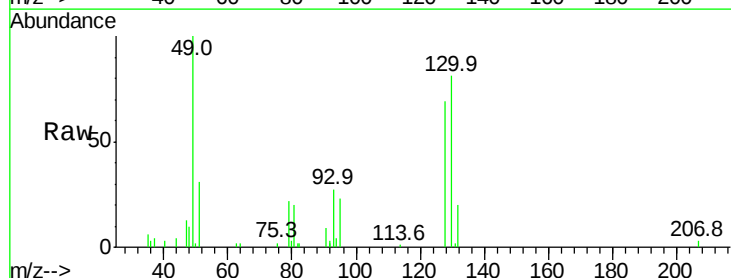
Tgt Ion: 96 Resp: 13634
Ion Ratio Lower Upper
96 100
61 147.1 97.7 181.5
98 63.7 45.0 83.6

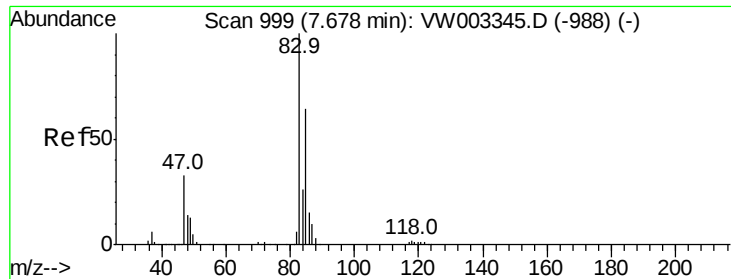


#23

Bromochloromethane
Concen: 2.705 ug/L
RT: 7.52 min Scan# 973
Delta R.T. -0.00 min
Lab File: VW003343.D
Acq: 20 Jun 2018 09:37

Tgt Ion: 128 Resp: 6761
Ion Ratio Lower Upper
128 100
49 145.4 122.0 226.6
130 117.9 88.1 163.5
51 44.7 43.5 65.3





#25

Chloroform

Concen: 2.763 ug/L

RT: 7.68 min Scan# 999

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Instrument :

MSVOA_W

ClientSampled :

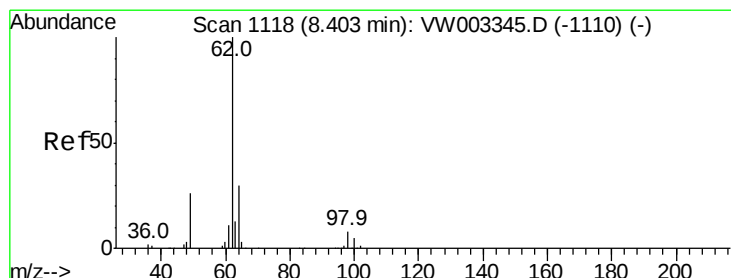
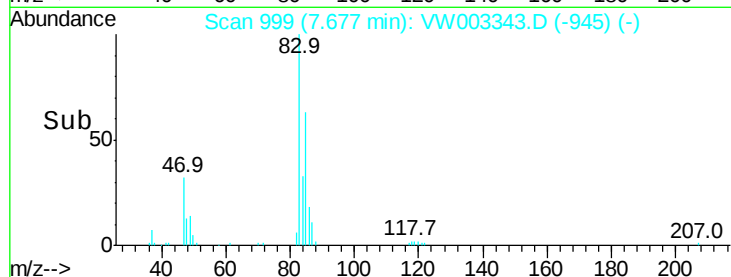
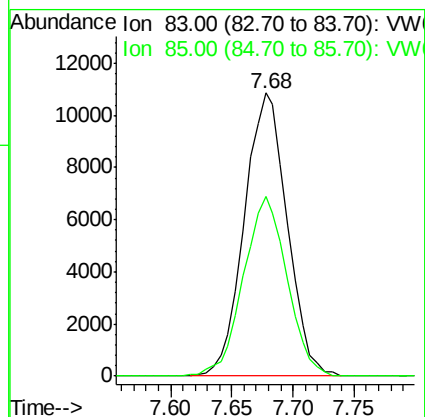
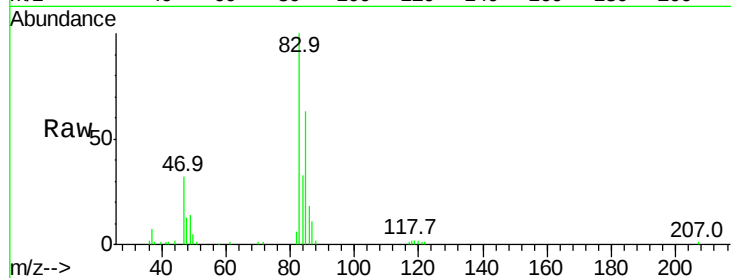
VSTD2.586

Tgt Ion: 83 Resp: 26440

Ion Ratio Lower Upper

83 100

85 64.6 46.1 85.5



#27

1,2-Dichloroethane

Concen: 2.668 ug/L

RT: 8.41 min Scan# 1119

Delta R.T. 0.01 min

Lab File: VW003343.D

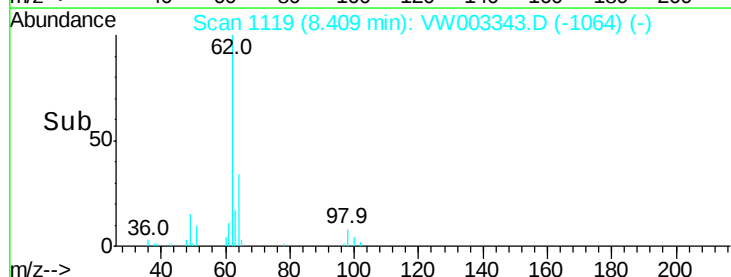
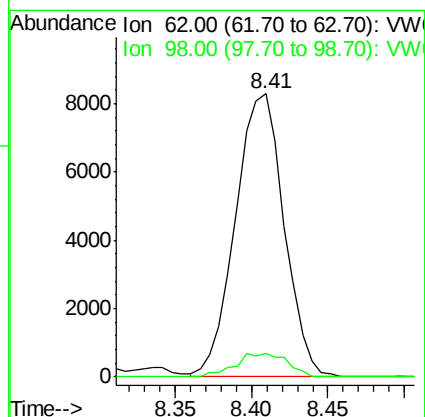
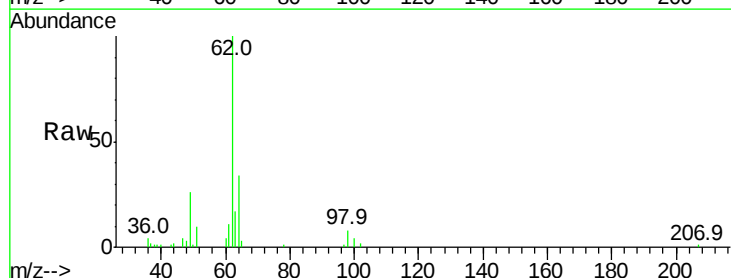
Acq: 20 Jun 2018 09:37

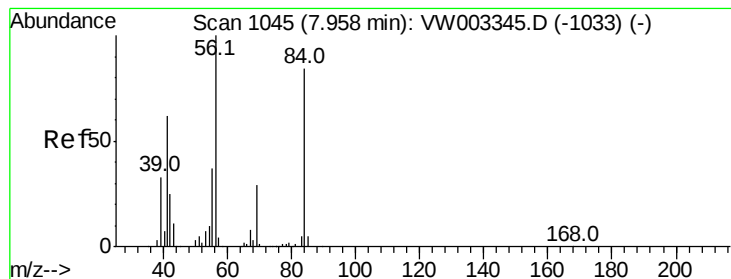
Tgt Ion: 62 Resp: 18337

Ion Ratio Lower Upper

62 100

98 8.1 6.5 9.7





#30

Cyclohexane

Concen: 2.394 ug/L

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.586

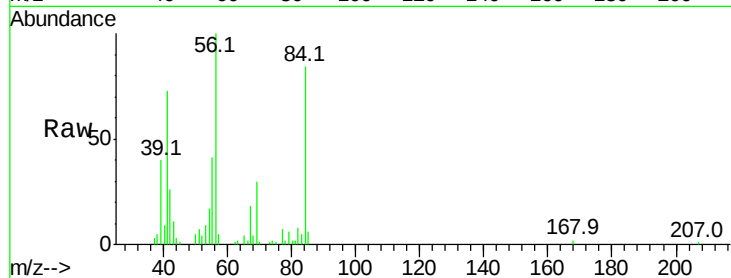
Tgt Ion: 56 Resp: 19609

Ion Ratio Lower Upper

56 100

69 29.8 23.4 35.2

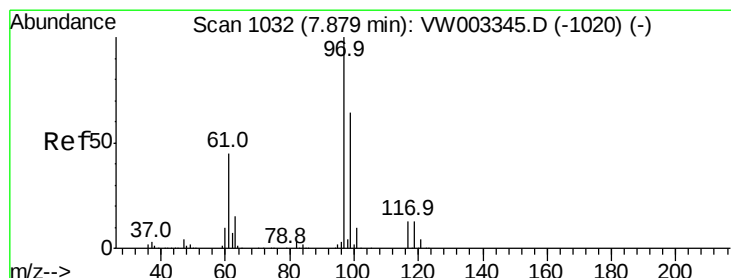
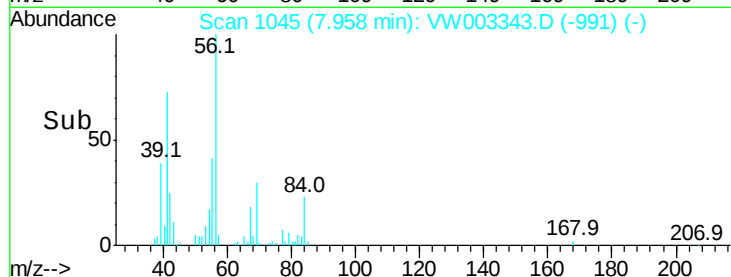
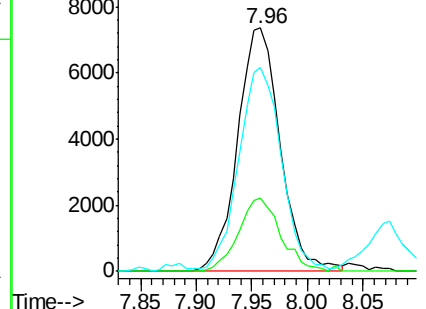
84 84.5 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#31

1,1,1-Trichloroethane

Concen: 2.751 ug/L

RT: 7.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

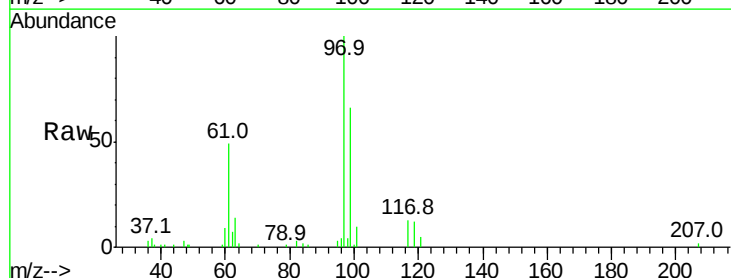
Tgt Ion: 97 Resp: 21462

Ion Ratio Lower Upper

97 100

99 67.4 50.9 76.3

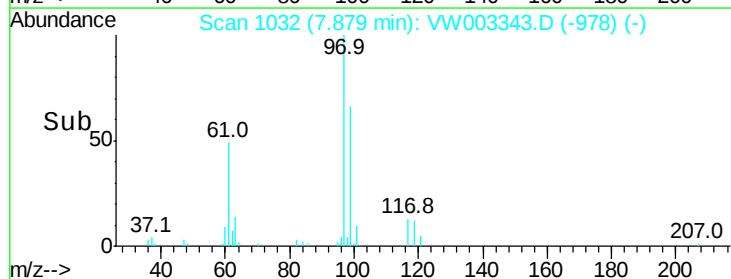
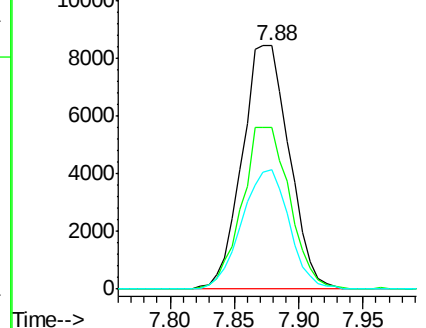
61 49.2 37.7 56.5

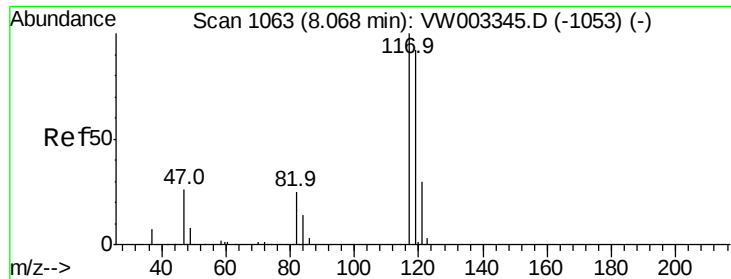


Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 99.00 (98.70 to 99.70): VW

Ion 61.00 (60.70 to 61.70): VW





#32

Carbon tetrachloride

Concen: 2.696 ug/L

RT: 8.07 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Instrument :

MSVOA_W

ClientSampleId :

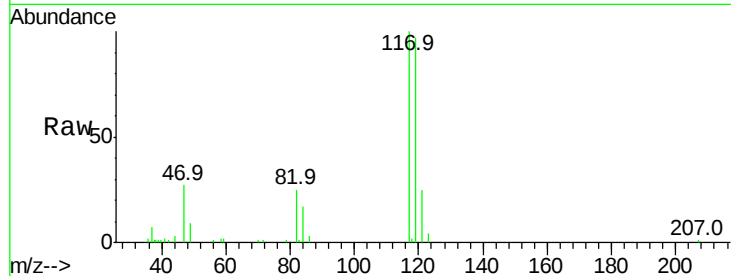
VSTD2.586

Tgt Ion:117 Resp: 20209

Ion Ratio Lower Upper

117 100

119 97.1 76.6 114.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.07

10000

8000

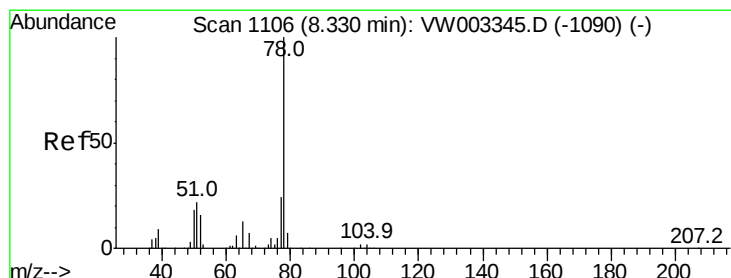
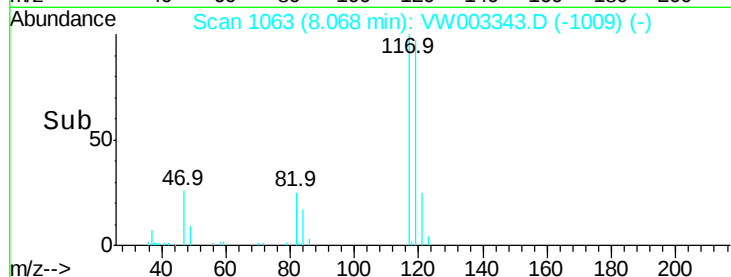
6000

4000

2000

0

Time-->



#34

Benzene

Concen: 2.641 ug/L

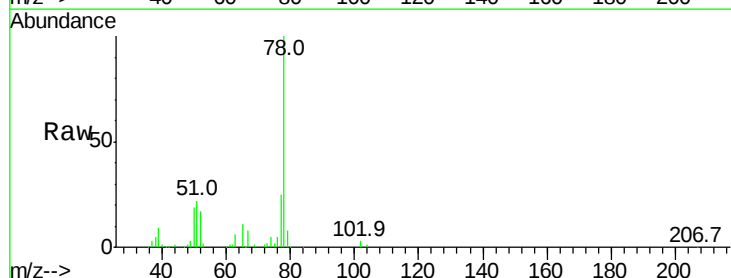
RT: 8.33 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Tgt Ion: 78 Resp: 53603



Abundance Ion 78.00 (77.70 to 78.70): VW

8.33

25000

20000

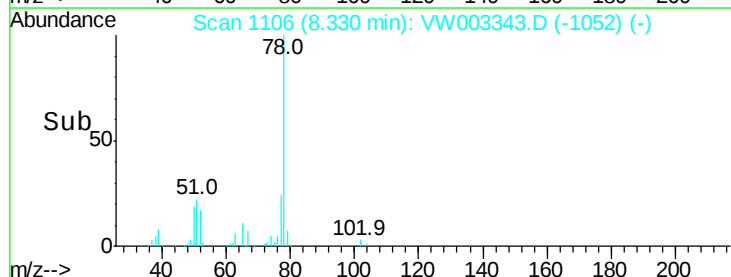
15000

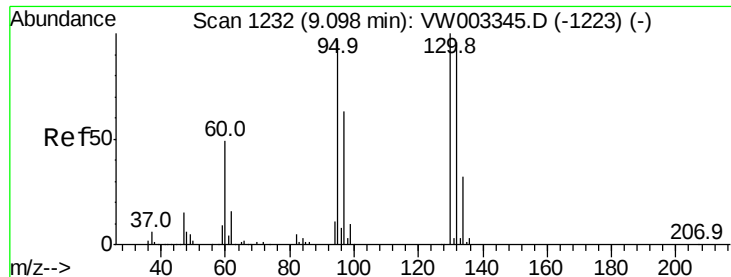
10000

5000

0

Time-->





#35

Trichloroethene

Concen: 2.743 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.586

Tgt Ion: 95 Resp: 14867

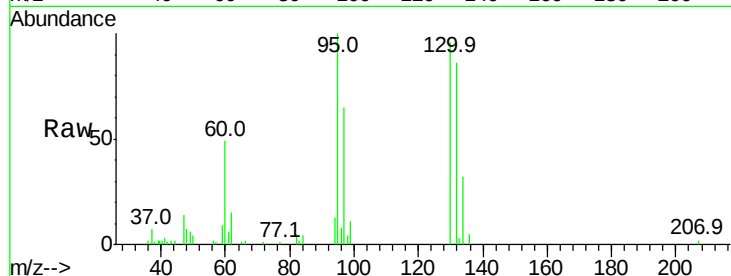
Ion Ratio Lower Upper

95 100

97 66.8 45.6 84.6

132 91.8 67.8 125.8

130 99.9 70.6 131.0



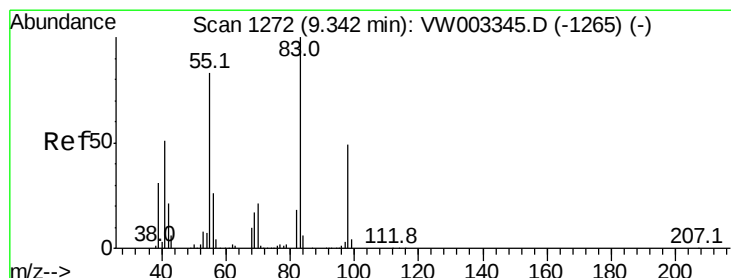
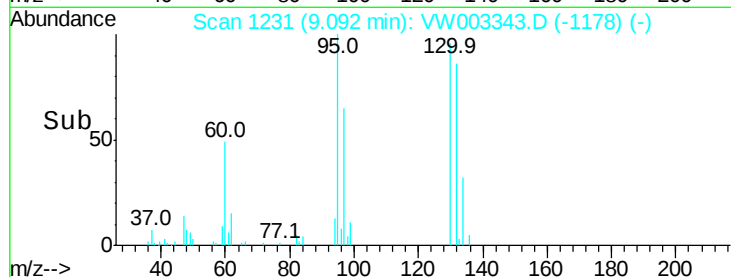
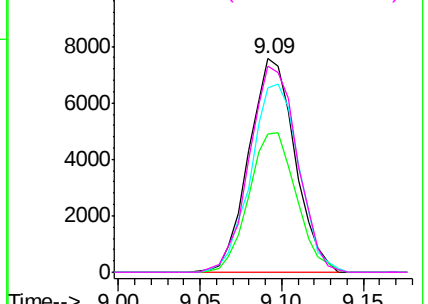
Abundance

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: 2.491 ug/L

RT: 9.34 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

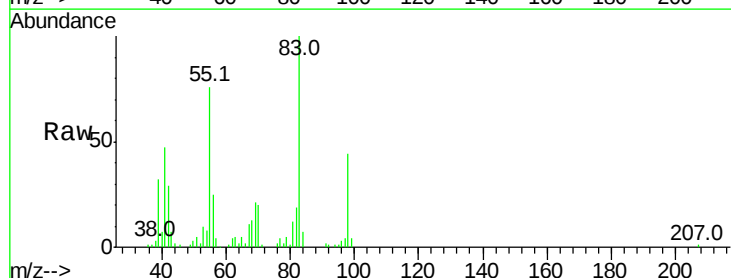
Tgt Ion: 83 Resp: 23214

Ion Ratio Lower Upper

83 100

55 81.3 63.9 95.9

98 46.6 37.1 55.7

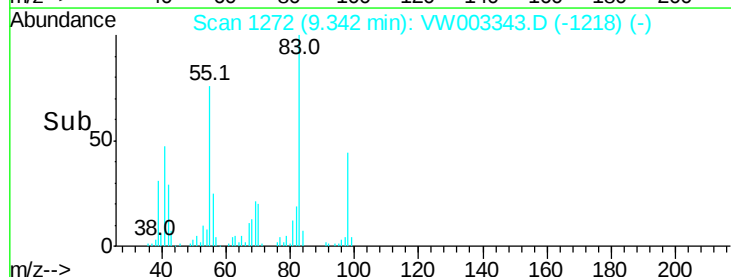
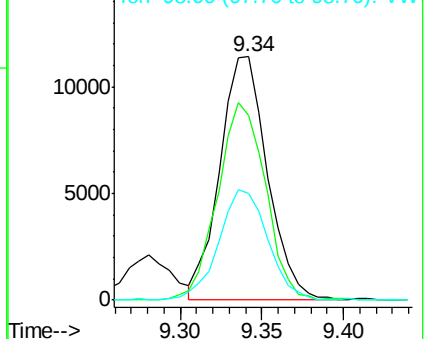


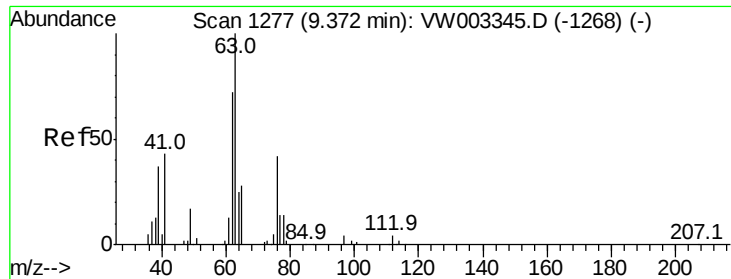
Abundance

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: 2.748 ug/L

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Instrument :

MSVOA_W

ClientSampleId :

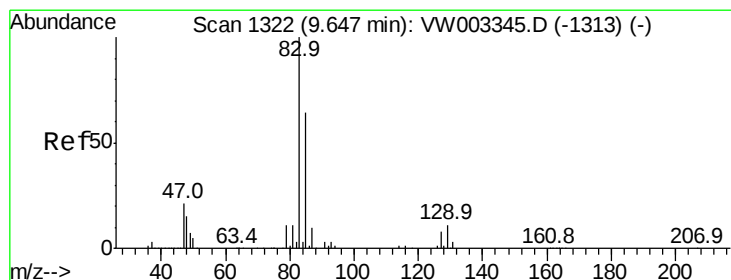
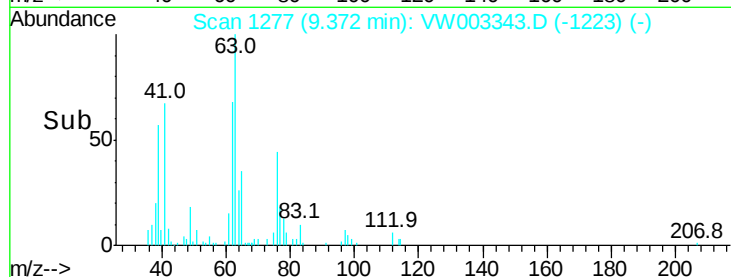
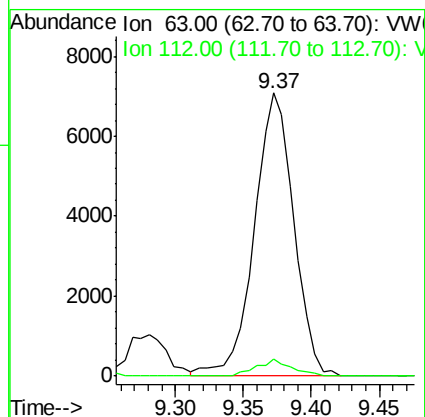
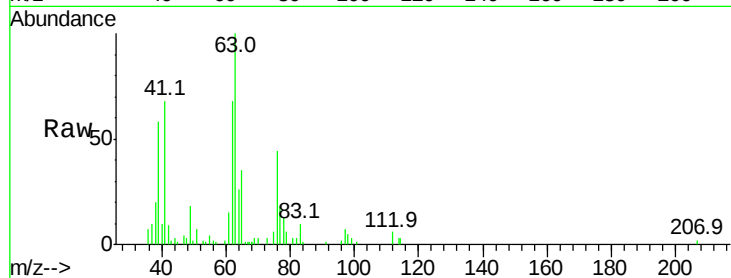
VSTD2.586

Tgt Ion: 63 Resp: 14356

Ion Ratio Lower Upper

63 100

112 5.3 3.4 5.0#



#41

Bromodichloromethane

Concen: 2.727 ug/L

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

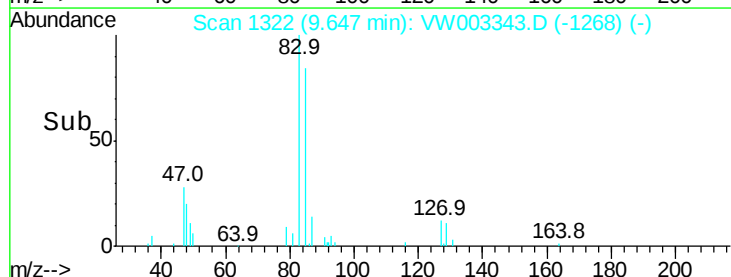
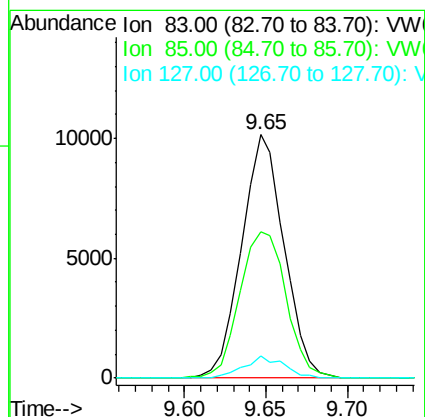
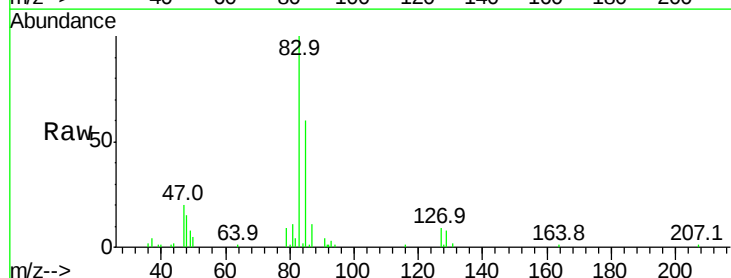
Tgt Ion: 83 Resp: 18440

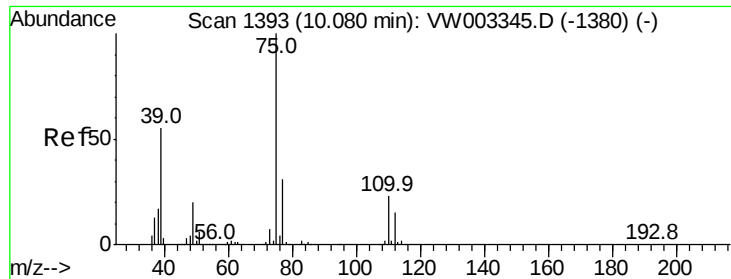
Ion Ratio Lower Upper

83 100

85 60.3 44.7 83.1

127 8.9 6.2 9.2





#42

cis-1,3-Dichloropropene

Concen: 2.376 ug/L

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Instrument :

MSVOA_W

ClientSampleId :

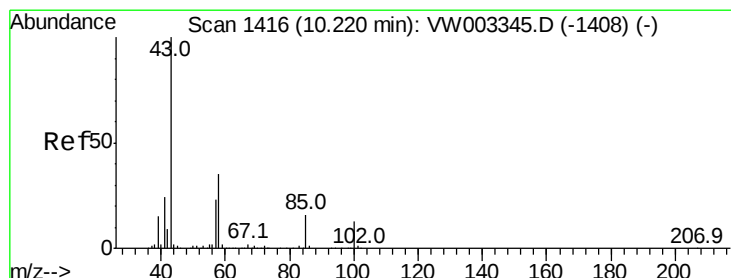
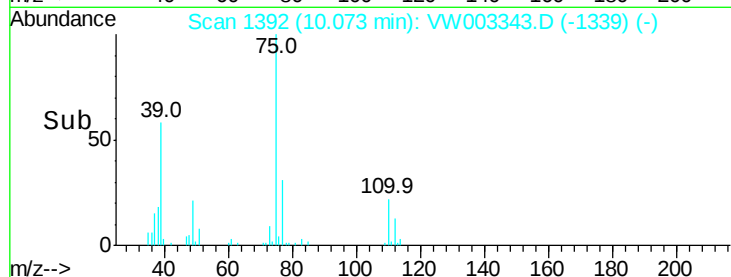
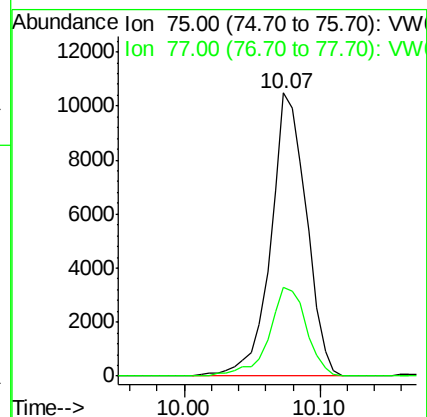
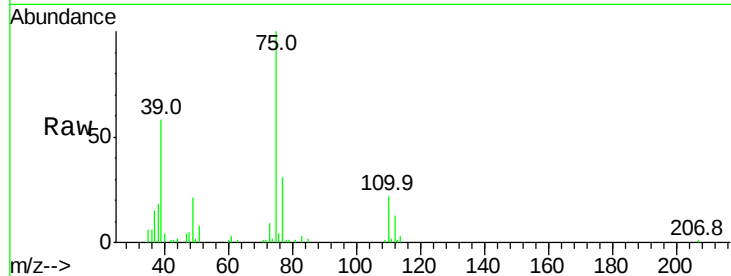
VSTD2.586

Tgt Ion: 75 Resp: 19152

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.6



#43

4-Methyl-2-pentanone

Concen: 4.461 ug/L

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

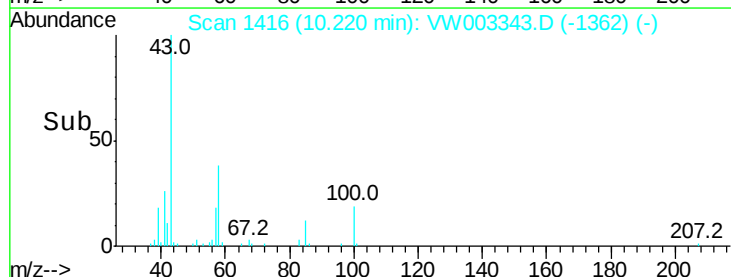
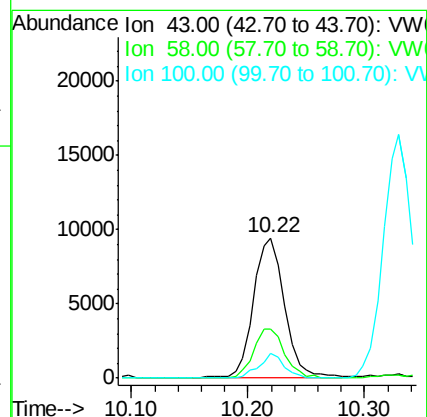
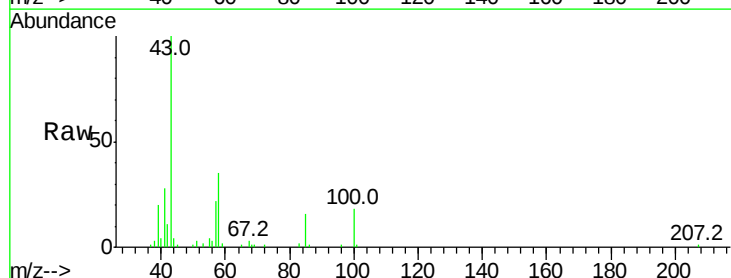
Tgt Ion: 43 Resp: 17670

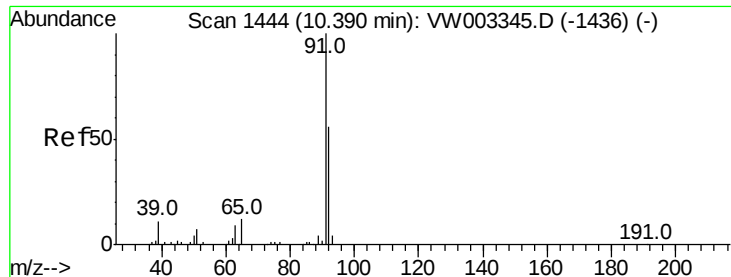
Ion Ratio Lower Upper

43 100

58 33.9 28.7 43.1

100 13.9 11.1 16.7





#44

Toluene

Concen: 2.519 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Instrument :

MSVOA_W

ClientSampleId :

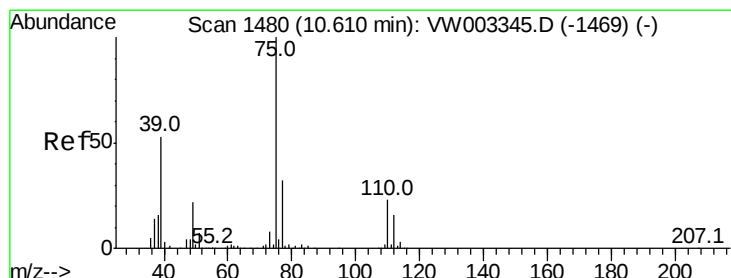
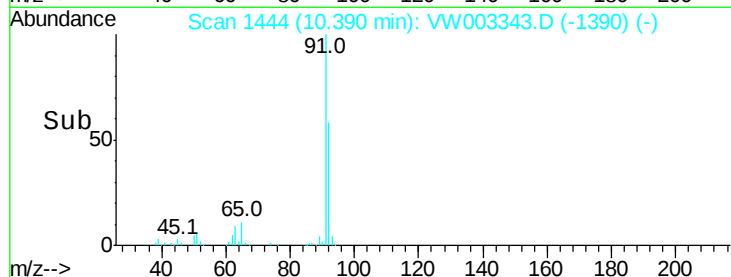
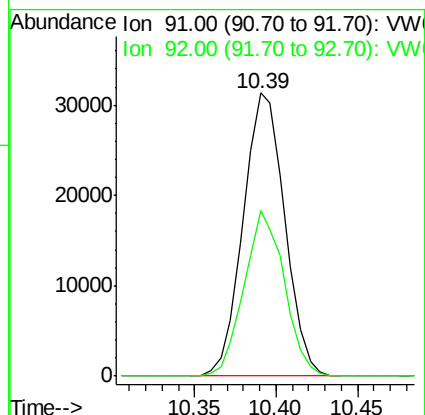
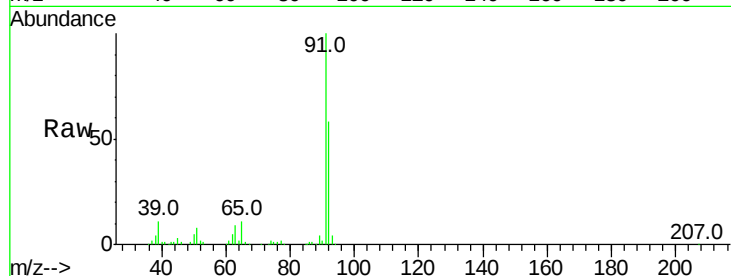
VSTD2.586

Tgt Ion: 91 Resp: 55632

Ion Ratio Lower Upper

91 100

92 58.4 39.5 73.4



#45

trans-1,3-Dichloropropene

Concen: 2.364 ug/L

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003343.D

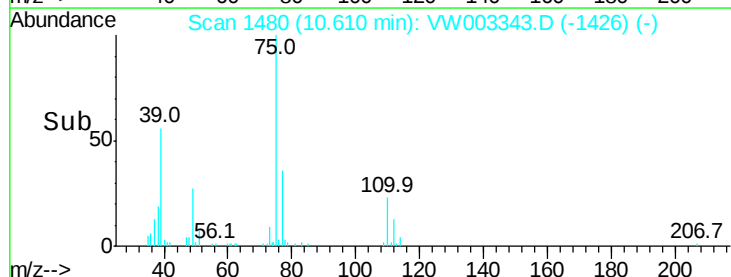
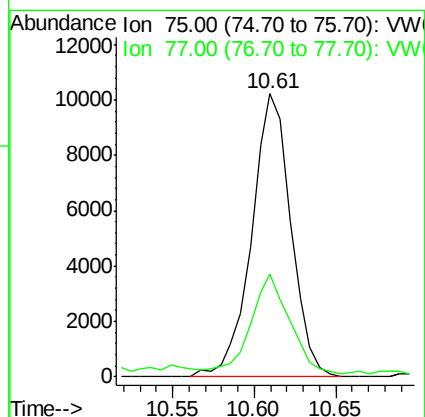
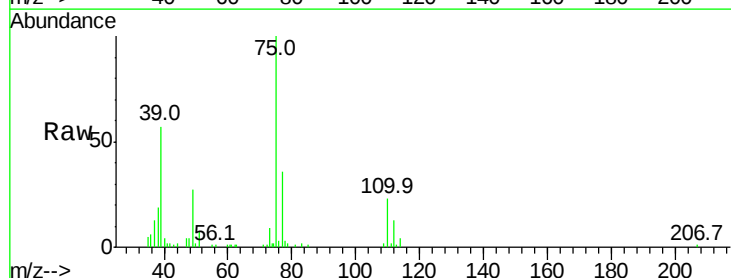
Acq: 20 Jun 2018 09:37

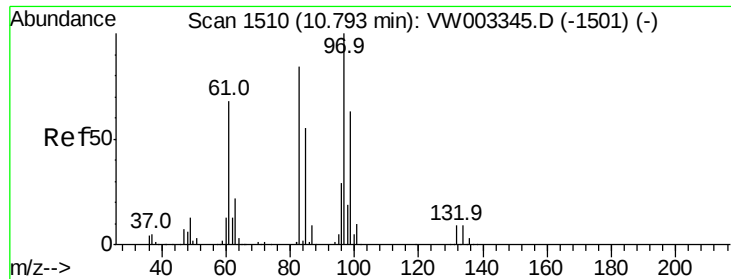
Tgt Ion: 75 Resp: 17147

Ion Ratio Lower Upper

75 100

77 36.3 22.4 41.6





#46

1,1,2-Trichloroethane

Concen: 2.564 ug/L

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Instrument :

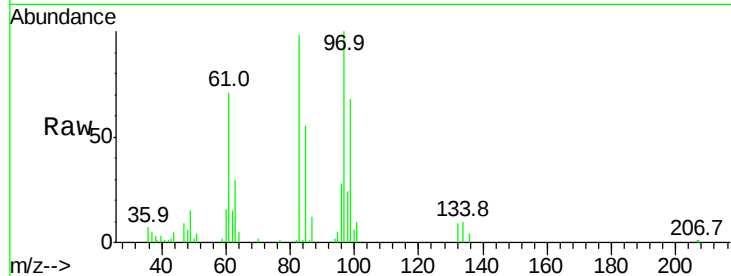
MSVOA_W

ClientSampleId :

VSTD2.586

Tgt Ion: 97 Resp: 10314

Ion	Ratio	Lower	Upper
97	100		
83	97.7	58.8	109.2
85	55.4	38.8	72.0
99	67.8	43.8	81.3



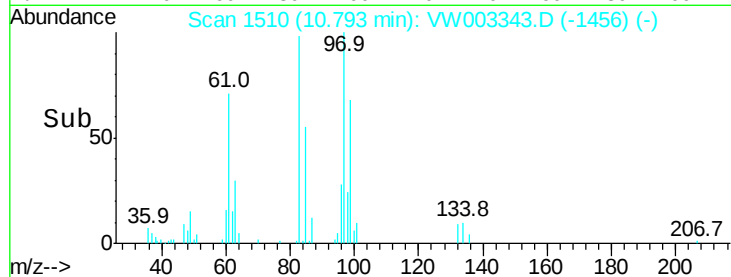
Abundance

Ion 97.00 (96.70 to 97.70): VW

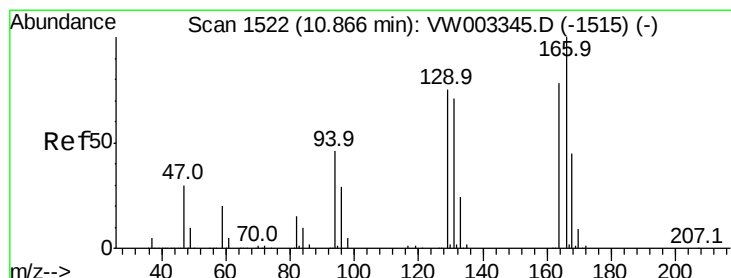
Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



Time-->



#47

Tetrachloroethene

Concen: 2.748 ug/L

RT: 10.87 min Scan# 1522

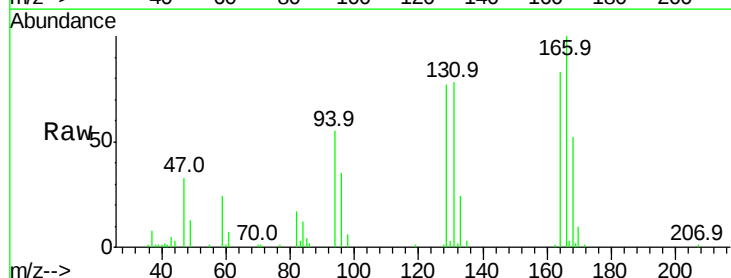
Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Tgt Ion: 164 Resp: 12493

Ion	Ratio	Lower	Upper
164	100		
129	93.3	67.3	124.9
131	94.6	63.8	118.4
166	120.8	90.2	167.4



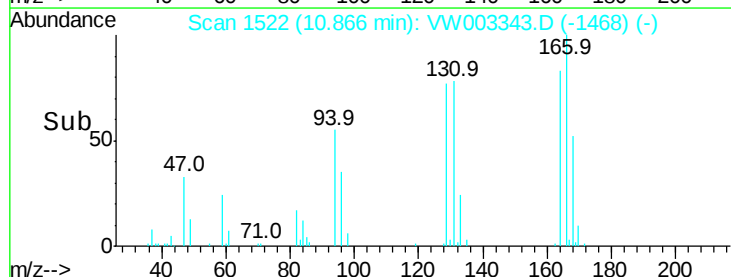
Abundance

Ion 164.00 (163.70 to 164.70): V

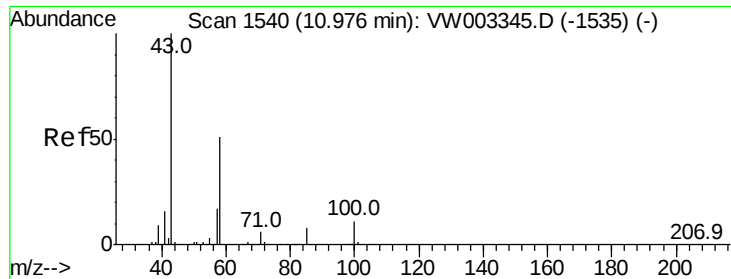
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Time-->

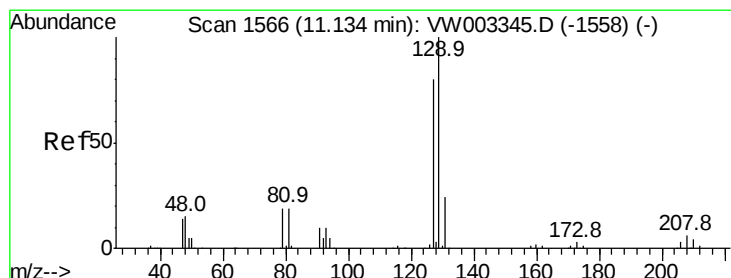
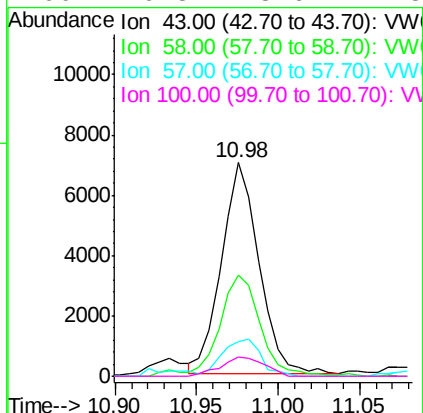
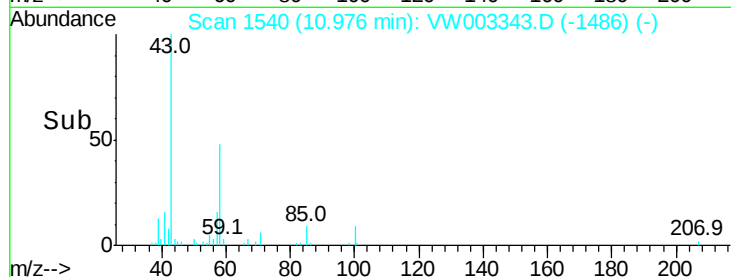
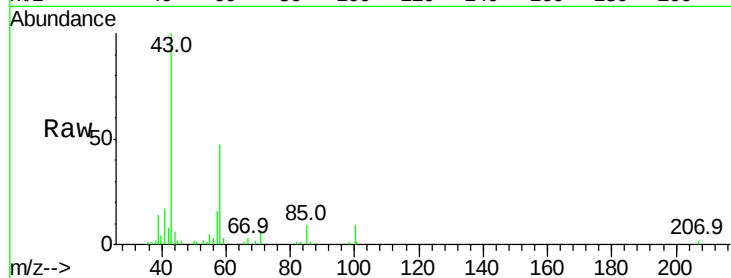


#49
2-Hexanone
Concen: 3.906 ug/L
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003343.D
Acq: 20 Jun 2018 09:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.586

Tgt Ion: 43 Resp: 11174

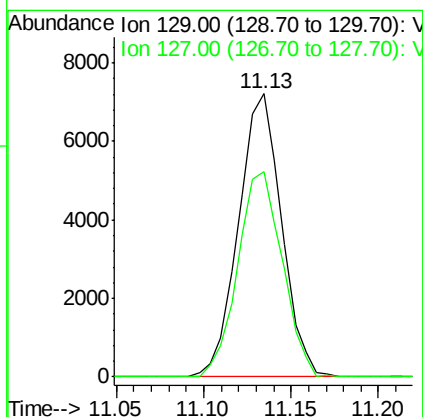
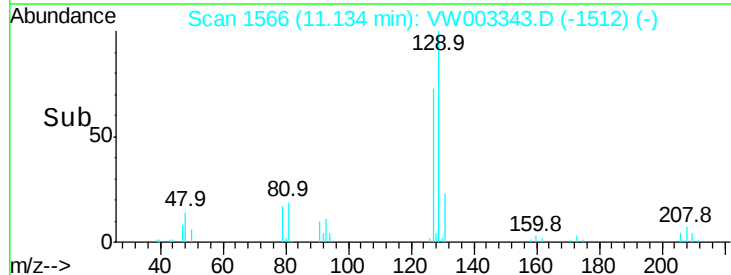
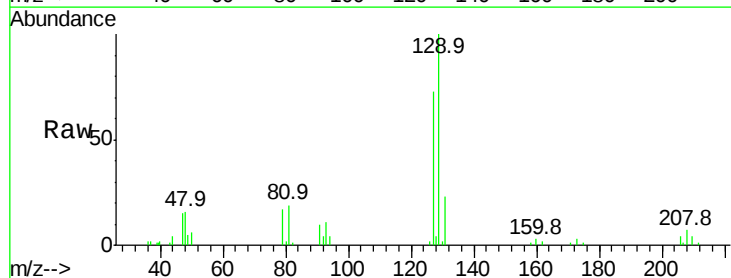
Ion	Ratio	Lower	Upper
43	100		
58	50.8	40.4	60.6
57	18.0	14.6	21.8
100	10.8	8.6	12.8

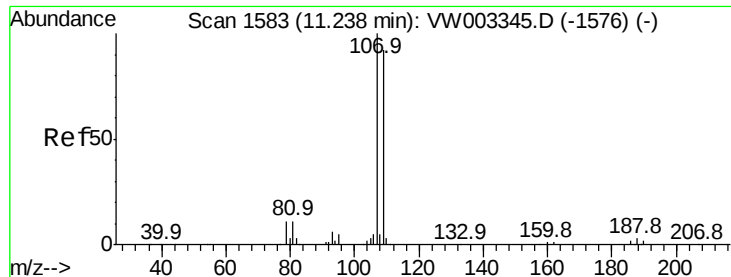


#50
Dibromochloromethane
Concen: 2.516 ug/L
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW003343.D
Acq: 20 Jun 2018 09:37

Tgt Ion: 129 Resp: 12326

Ion	Ratio	Lower	Upper
129	100		
127	72.7	56.0	104.0





#51

1,2-Dibromoethane

Concen: 2.577 ug/L

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

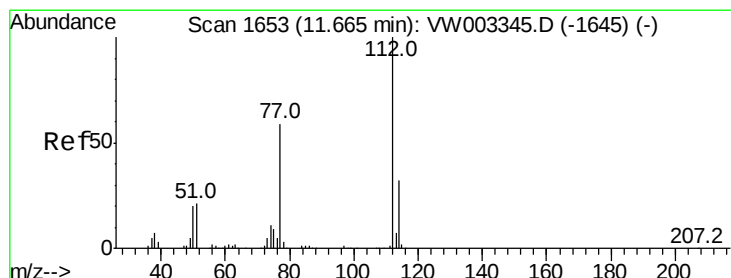
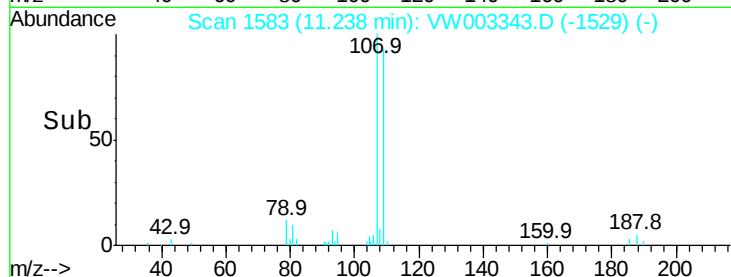
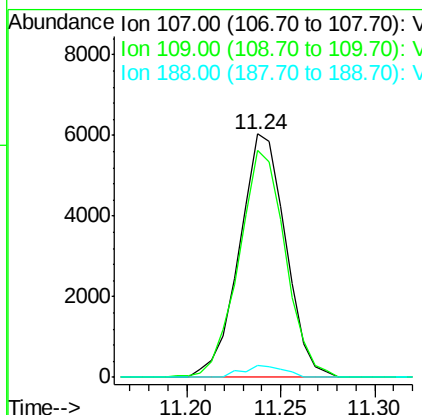
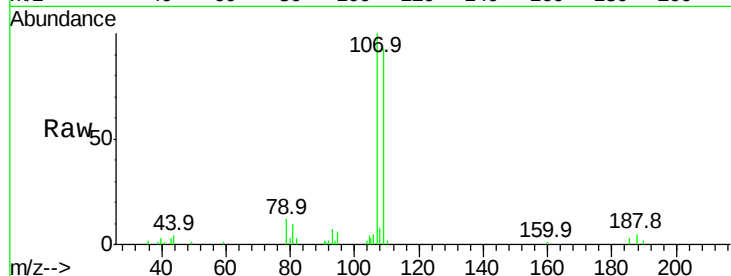
Instrument :

MSVOA_W

ClientSampleId :

VSTD2.586

Tgt Ion:	107	Resp:	10271
Ion	Ratio	Lower	Upper
107	100		
109	93.3	64.5	119.9
188	4.7	2.8	4.2#



#52

Chlorobenzene

Concen: 2.674 ug/L

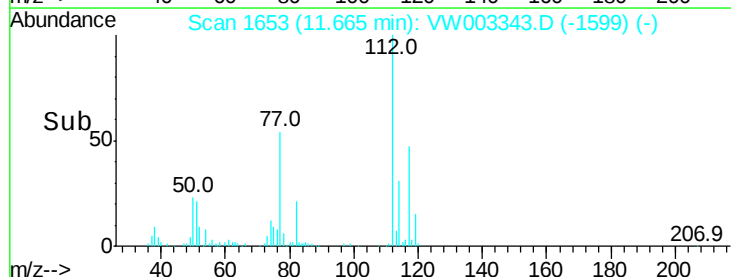
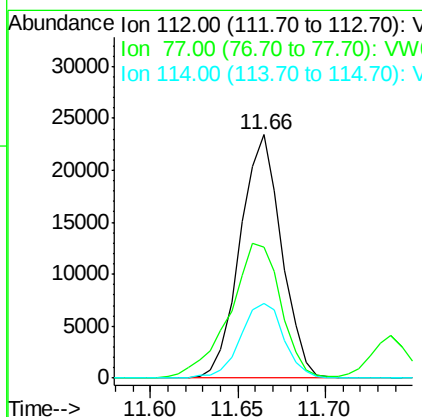
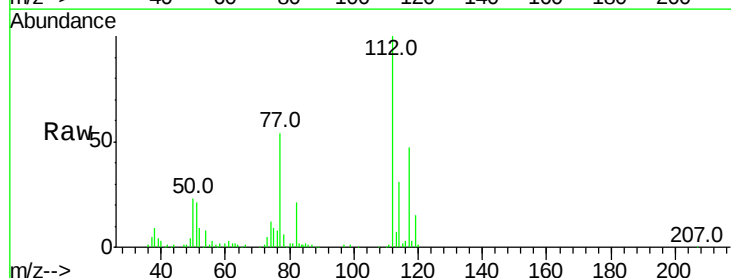
RT: 11.66 min Scan# 1653

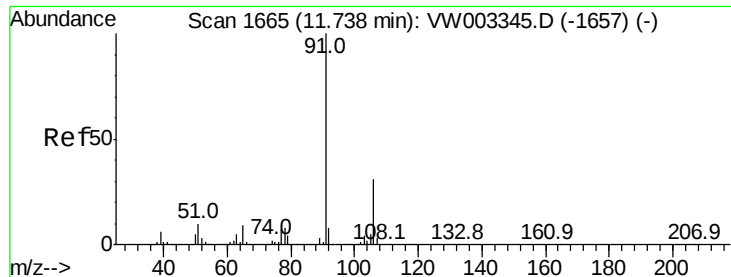
Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Tgt Ion:	112	Resp:	38563
Ion	Ratio	Lower	Upper
112	100		
77	53.9	47.3	70.9
114	30.7	22.2	41.2





#53

Ethylbenzene

Concen: 2.370 ug/L

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Instrument :

MSVOA_W

ClientSampleId :

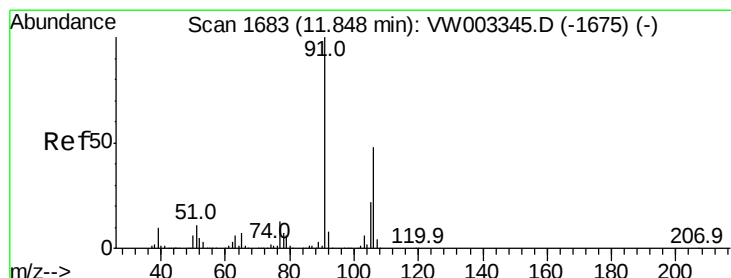
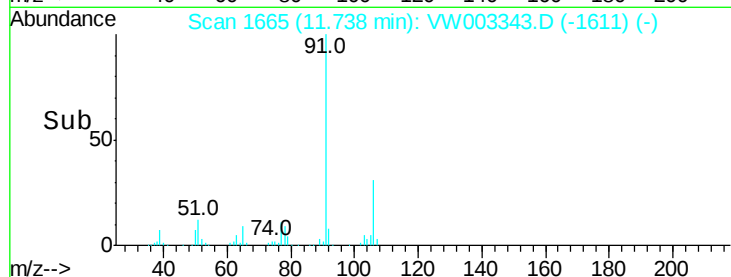
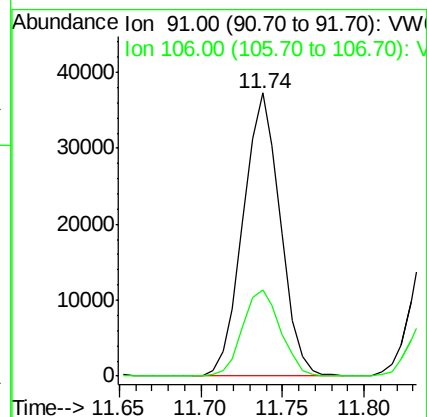
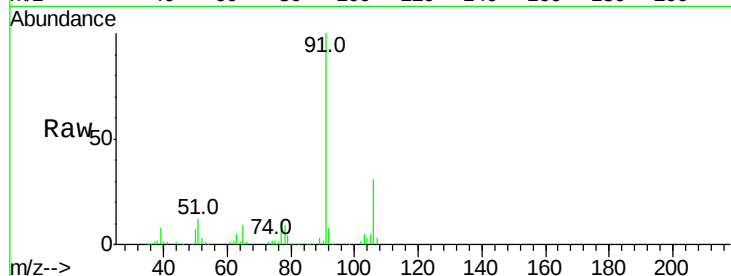
VSTD2.586

Tgt Ion: 91 Resp: 59336

Ion Ratio Lower Upper

91 100

106 30.6 21.8 40.4



#54

m,p-Xylene

Concen: 2.336 ug/L

RT: 11.84 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VW003343.D

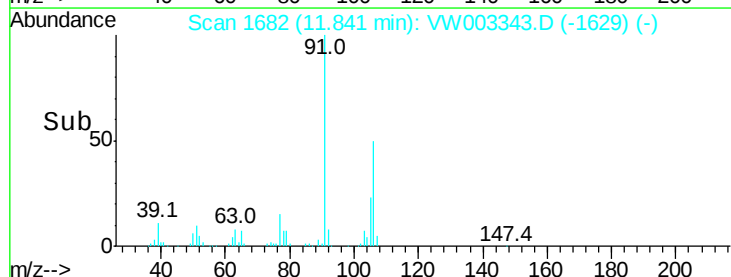
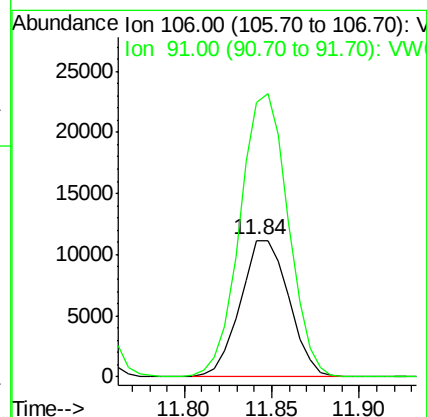
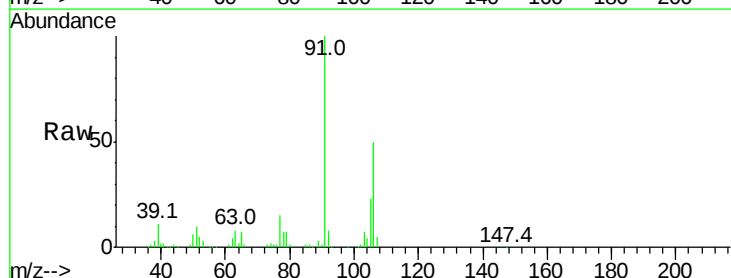
Acq: 20 Jun 2018 09:37

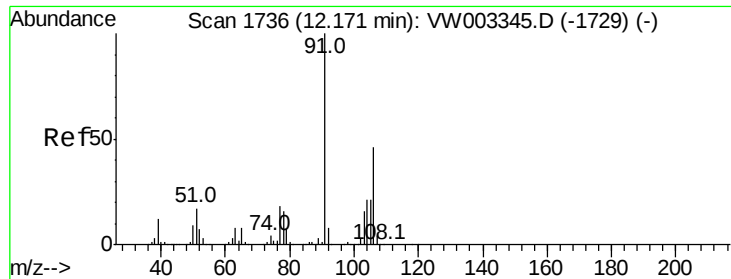
Tgt Ion: 106 Resp: 21626

Ion Ratio Lower Upper

106 100

91 201.4 146.4 271.8

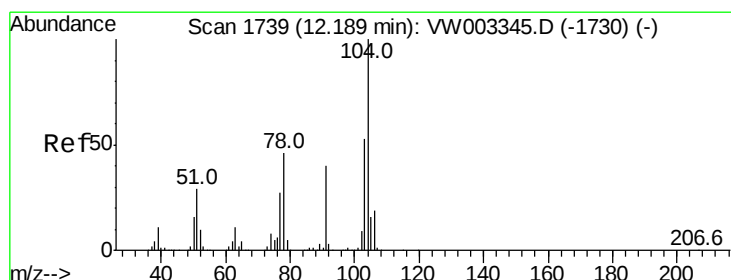
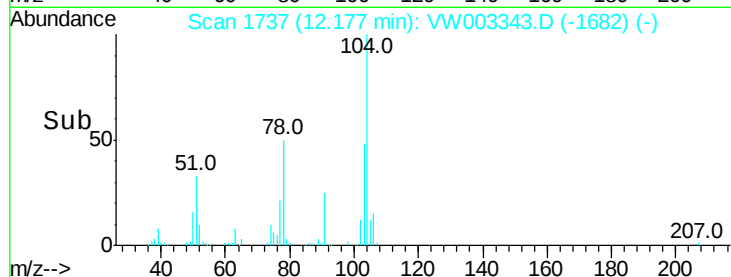
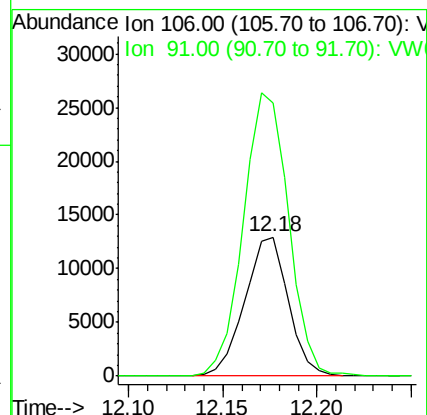
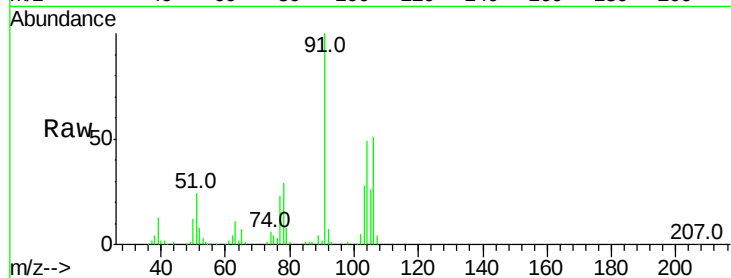




#55
o-xylene
Concen: 2.358 ug/L
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW003343.D
Acq: 20 Jun 2018 09:37

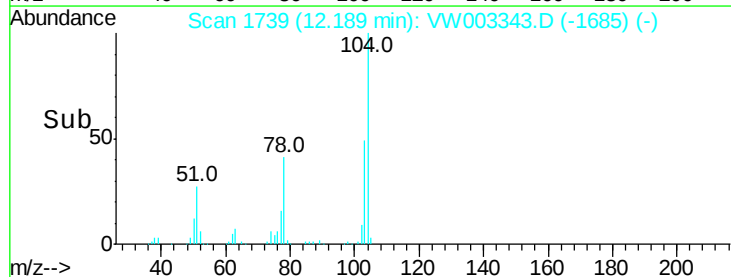
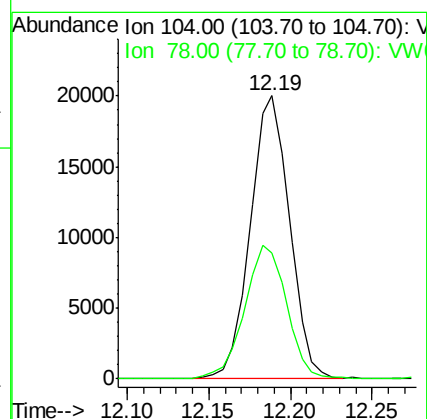
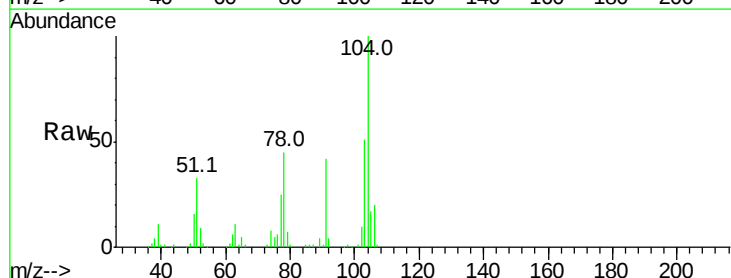
Instrument :
MSVOA_W
ClientSampled :
VSTD2.586

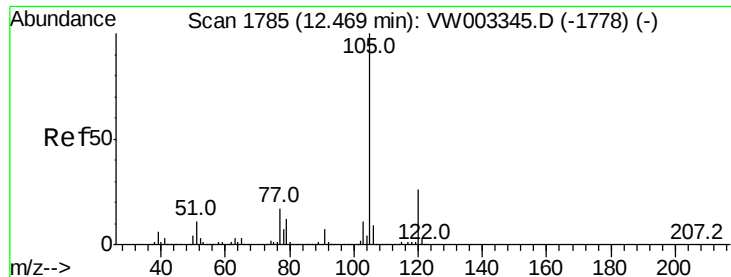
Tgt Ion:106 Resp: 20761
Ion Ratio Lower Upper
106 100
91 196.3 153.4 285.0



#56
Styrene
Concen: 2.192 ug/L
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW003343.D
Acq: 20 Jun 2018 09:37

Tgt Ion:104 Resp: 33638
Ion Ratio Lower Upper
104 100
78 44.6 32.1 59.7





#57

Isopropylbenzene

Concen: 2.256 ug/L

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

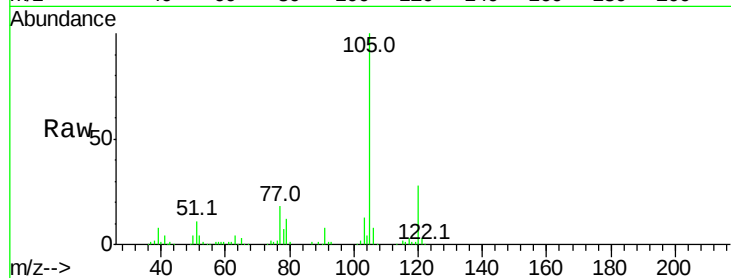
Instrument :

MSVOA_W

ClientSampleId :

VSTD2.586

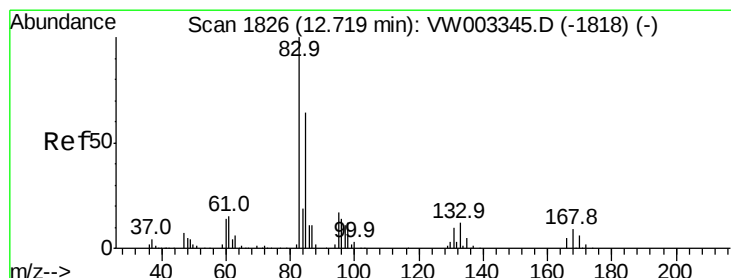
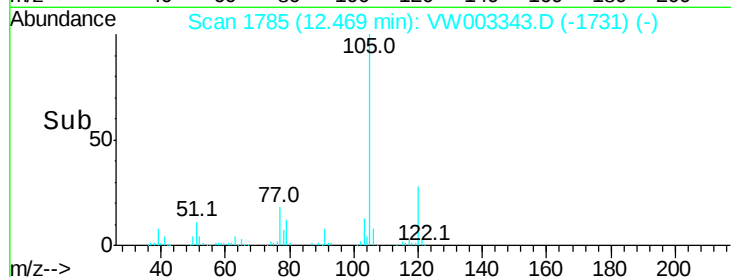
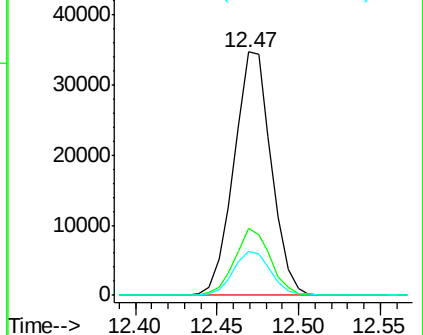
Tgt Ion:	105	Resp:	55437
Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.0	31.4
77	18.2	13.3	19.9



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): V



#58

1,1,2,2-Tetrachloroethane

Concen: 2.424 ug/L

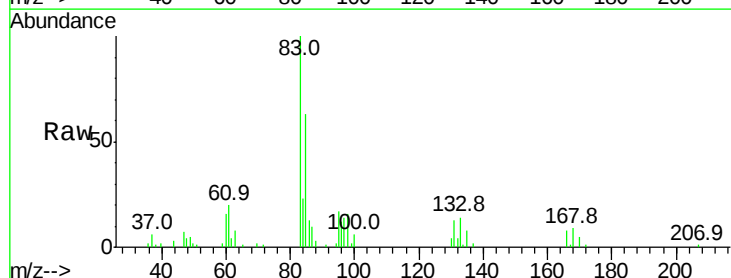
RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

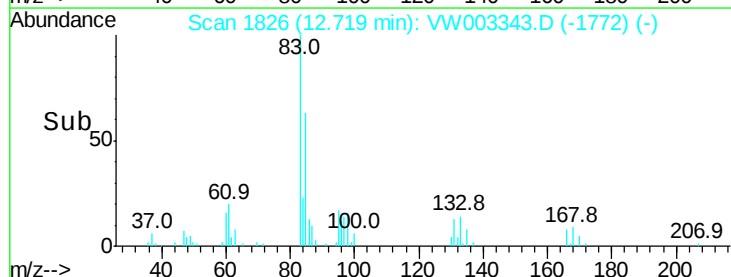
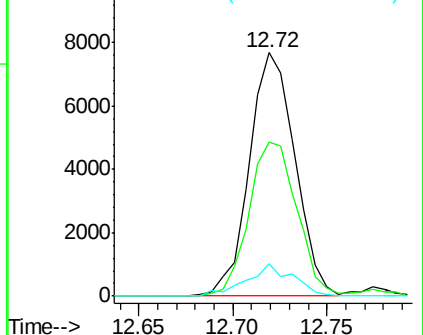
Tgt Ion:	83	Resp:	12912
Ion	Ratio	Lower	Upper
83	100		
85	63.1	45.1	83.9
131	13.1	8.2	12.2#

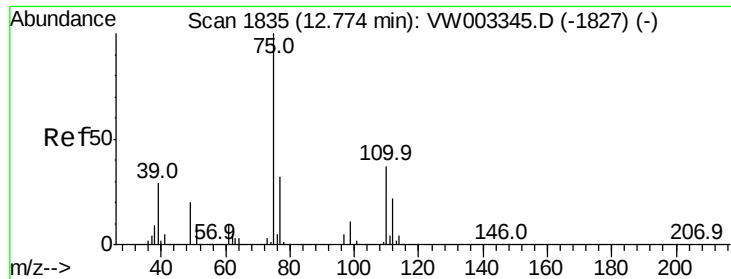


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 2.492 ug/L

RT: 12.78 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Instrument :

MSVOA_W

ClientSampleId :

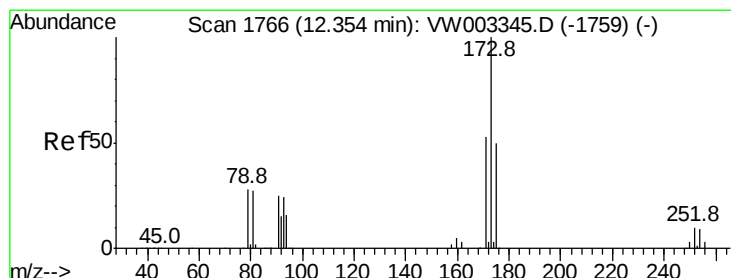
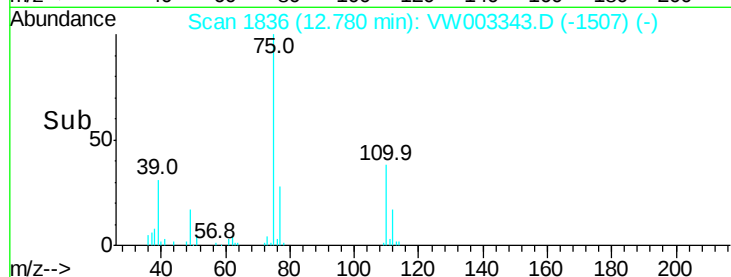
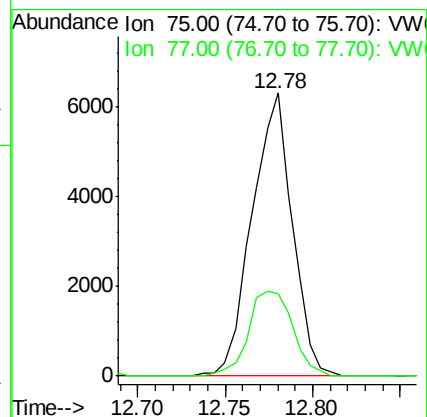
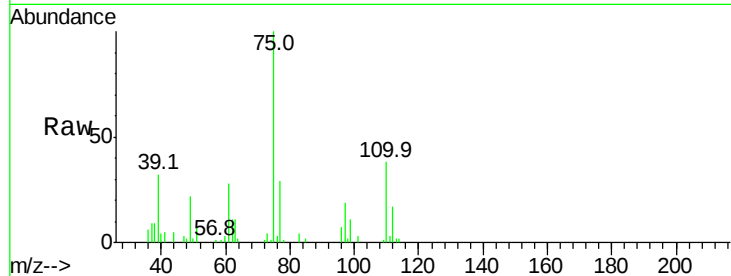
VSTD2.586

Tgt Ion: 75 Resp: 10110

Ion Ratio Lower Upper

75 100

77 33.1 26.0 39.0



#62

Bromoform

Concen: 2.410 ug/L

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

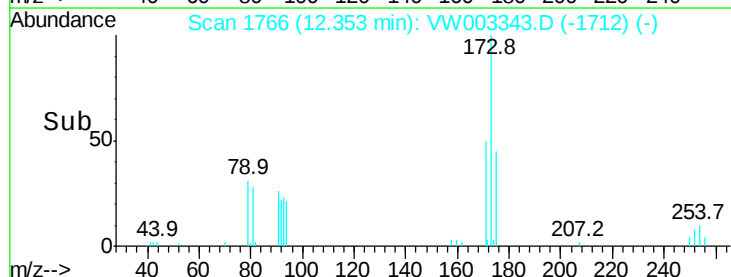
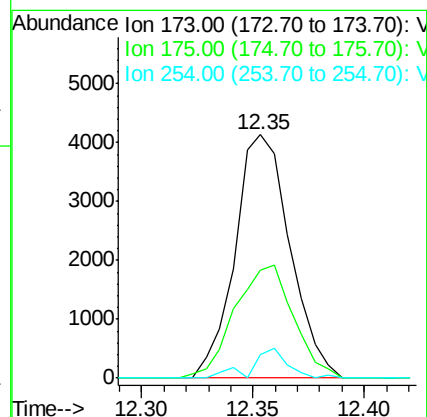
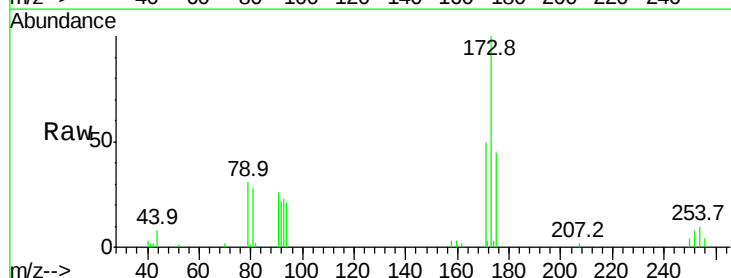
Tgt Ion: 173 Resp: 7120

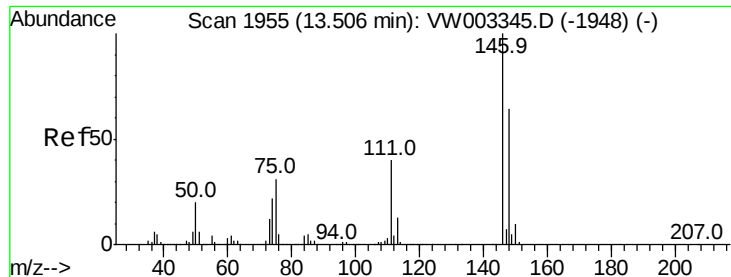
Ion Ratio Lower Upper

173 100

175 49.6 39.9 59.9

254 6.3 7.7 11.5#

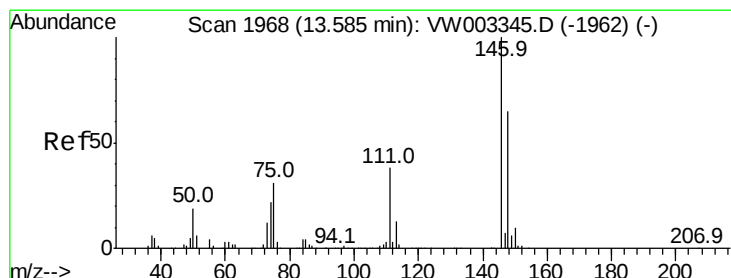
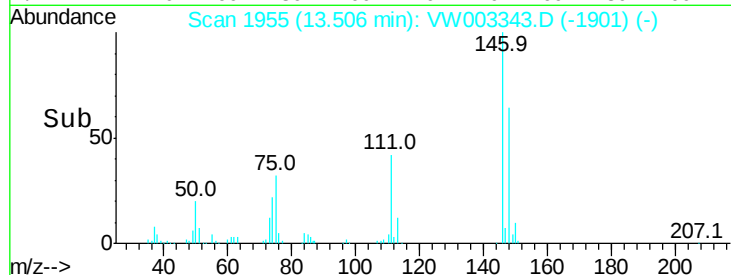
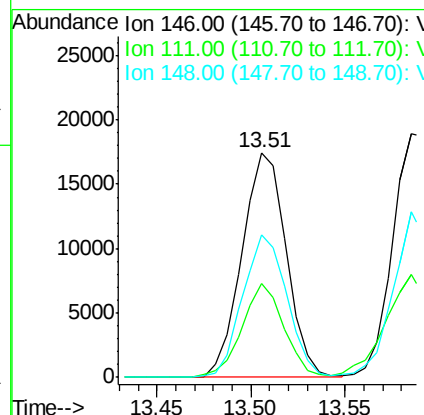
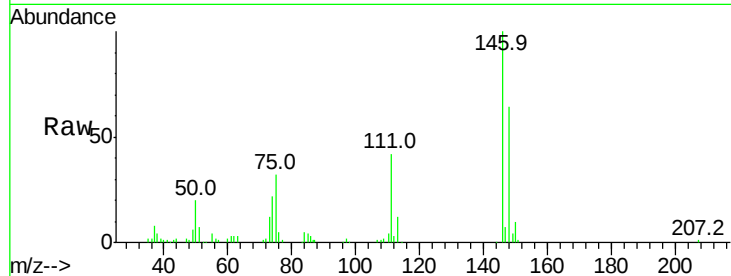




#63
 1,3-Dichlorobenzene
 Concen: 2.643 ug/L
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003343.D
 Acq: 20 Jun 2018 09:37

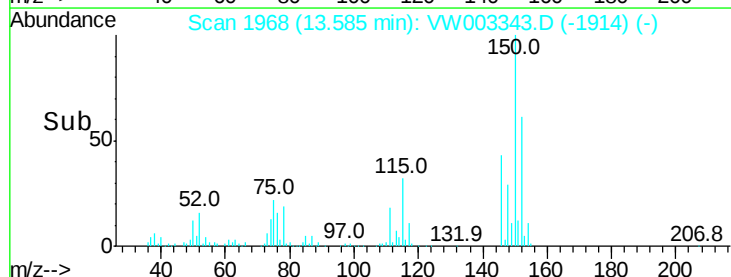
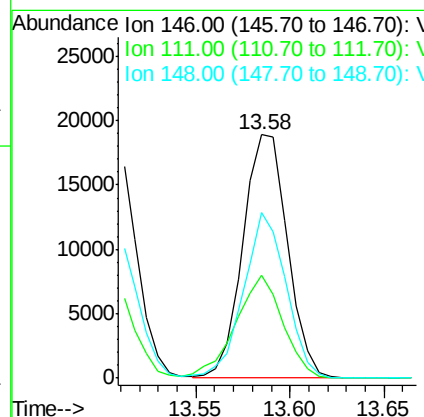
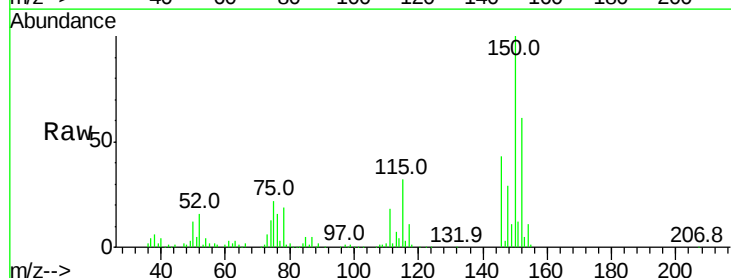
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.586

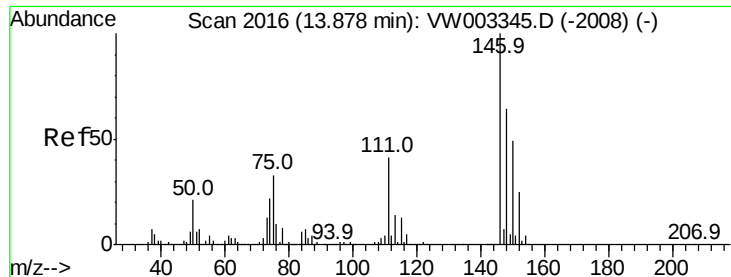
Tgt Ion:146 Resp: 28491
 Ion Ratio Lower Upper
 146 100
 111 41.5 27.9 51.7
 148 63.6 44.9 83.3



#64
 1,4-Dichlorobenzene
 Concen: 2.758 ug/L
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003343.D
 Acq: 20 Jun 2018 09:37

Tgt Ion:146 Resp: 31078
 Ion Ratio Lower Upper
 146 100
 111 42.5 26.8 49.8
 148 68.0 45.4 84.2





#65

1,2-Dichlorobenzene

Concen: 2.644 ug/L

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.586

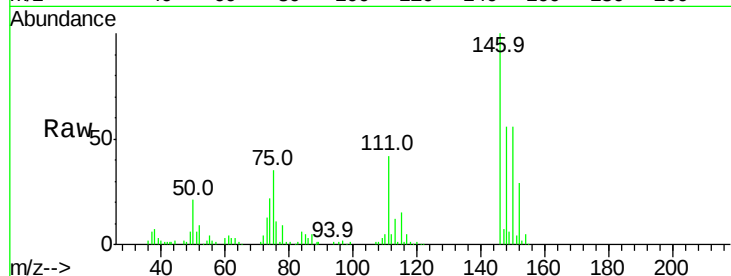
Tgt Ion:146 Resp: 26947

Ion Ratio Lower Upper

146 100

111 41.6 33.1 49.7

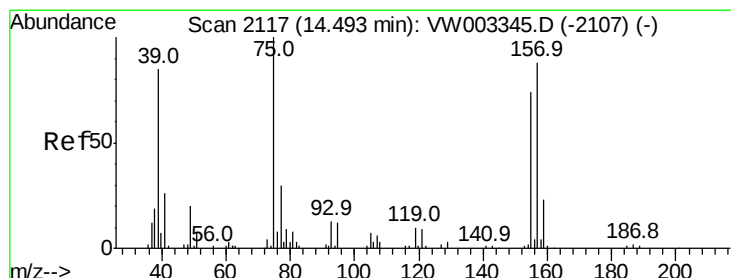
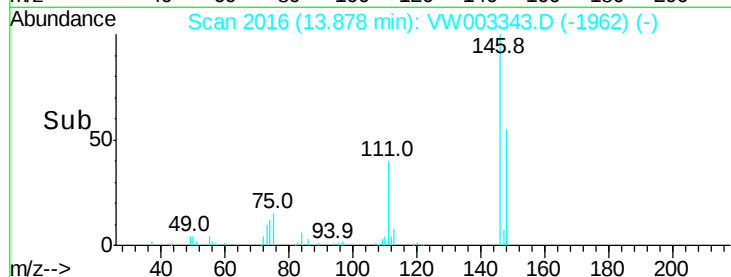
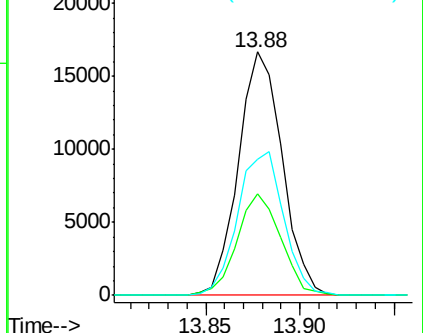
148 56.1 51.0 76.6



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



#66

1,2-Dibromo-3-chloropropane

Concen: 2.581 ug/L

RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

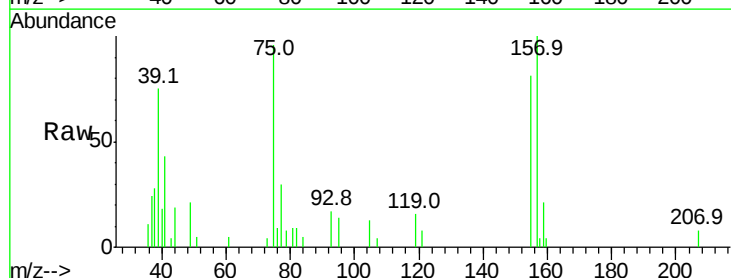
Tgt Ion: 75 Resp: 2254

Ion Ratio Lower Upper

75 100

157 103.8 70.7 106.1

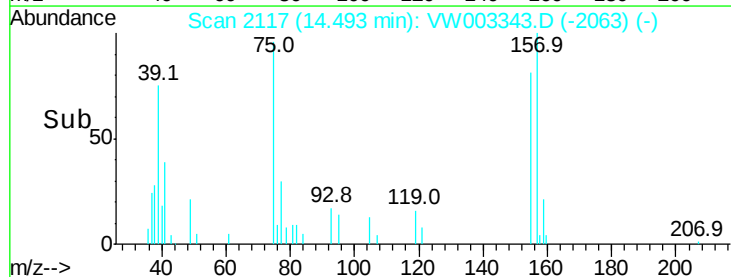
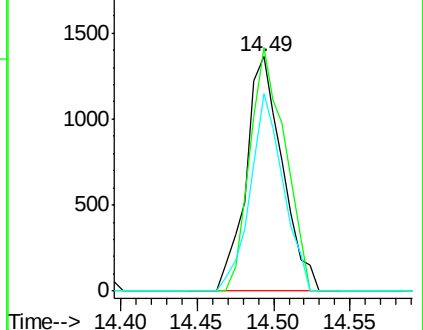
155 84.2 59.0 88.6

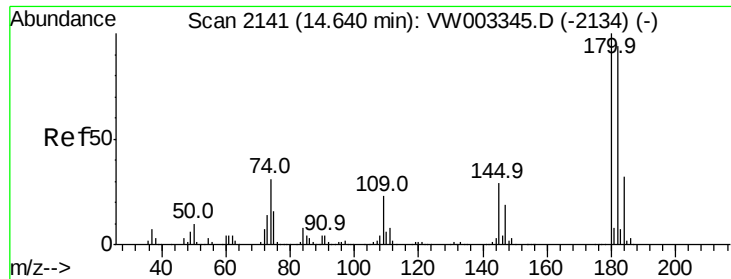


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

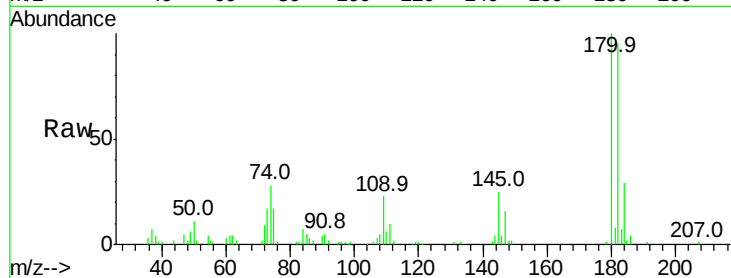




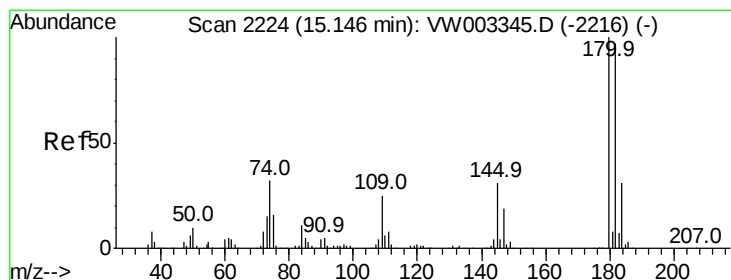
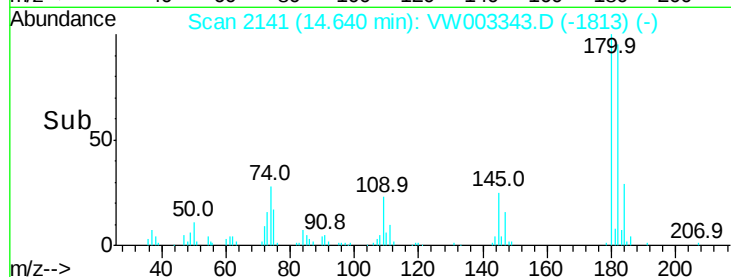
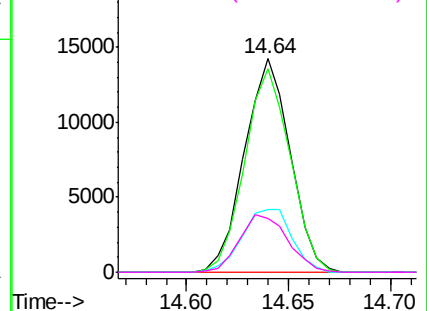
#67
 1,3,5-Trichlorobenzene
 Concen: 2.627 ug/L
 RT: 14.64 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VW003343.D
 Acq: 20 Jun 2018 09:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.586

Tgt Ion:180 Resp: 22172
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.9 113.9
 184 32.5 24.5 36.7
 145 28.5 23.4 35.2

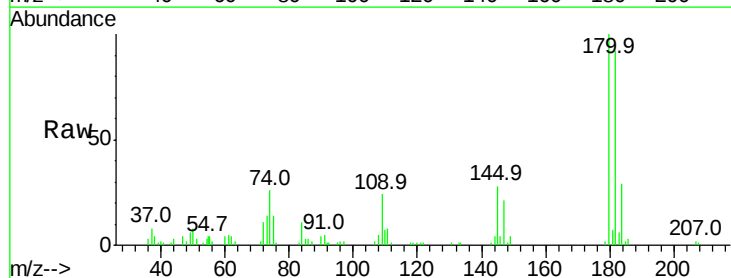


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

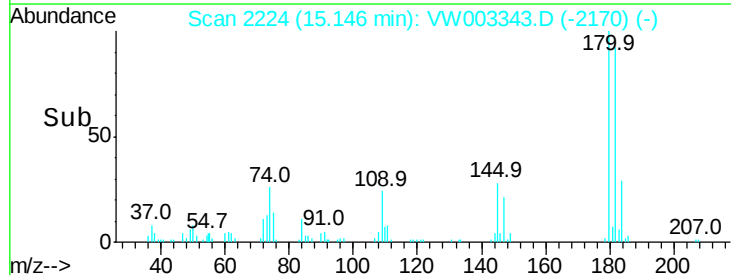
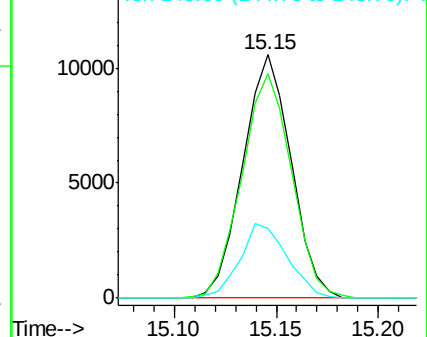


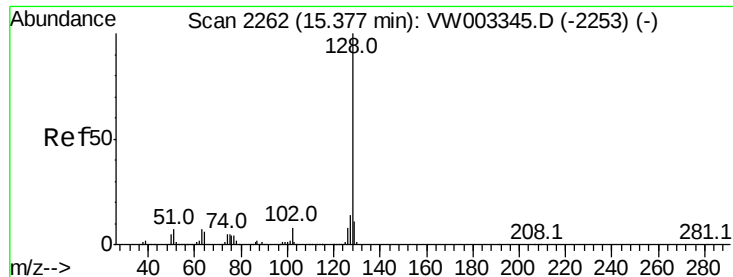
#68
 1,2,4-trichlorobenzene
 Concen: 2.518 ug/L
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW003343.D
 Acq: 20 Jun 2018 09:37

Tgt Ion:180 Resp: 17385
 Ion Ratio Lower Upper
 180 100
 182 95.2 74.8 112.2
 145 30.1 23.6 35.4



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 2.126 ug/L

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

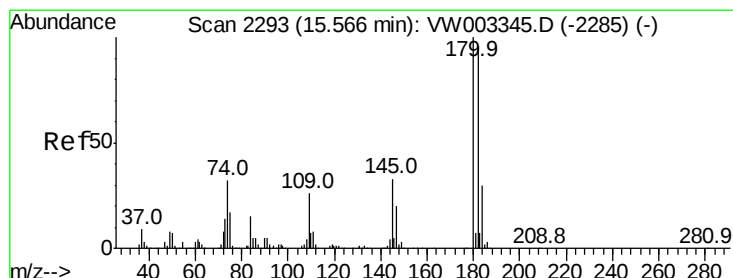
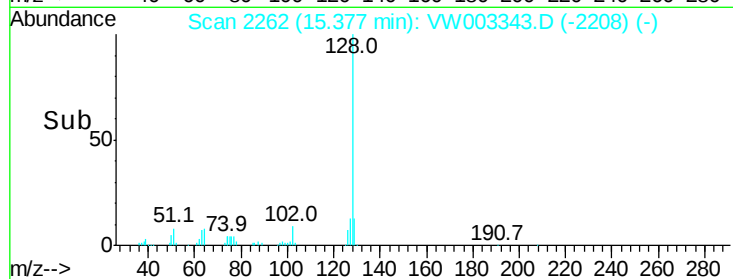
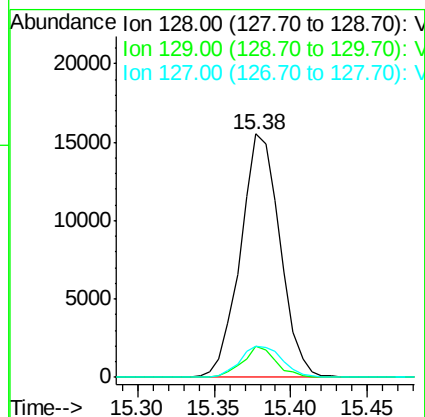
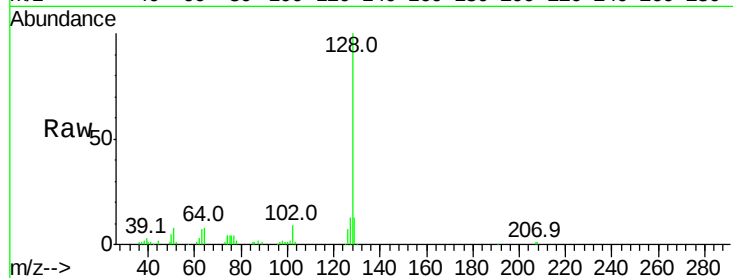
Instrument :

MSVOA_W

ClientSampleId :

VSTD2.586

Tgt Ion:	128	Resp:	27887
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.7	10.9	16.3



#70

1,2,3-Trichlorobenzene

Concen: 2.392 ug/L

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW003343.D

Acq: 20 Jun 2018 09:37

Tgt Ion:	180	Resp:	15346
Ion	Ratio	Lower	Upper
180	100		
182	99.1	75.4	113.0
145	31.0	25.4	38.2

