

Data File : VW005937.D
Acq On : 09 Oct 2018 12:01
Operator : SY/AP
Sample : VSTD00595
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD00595

Quant Time: Oct 09 14:07:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 14:04:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	385860	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	364395	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	196160	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	24304	4.94	ug/L	0.00
7) Chloroethane-d5	2.89	69	19604	5.11	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	43834	4.08	ug/L	0.00
20) 2-Butanone-d5	7.10	46	11471	7.26	ug/L	0.01
24) Chloroform-d	7.65	84	39328	3.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	21476	3.58	ug/L	0.00
29) Benzene-d6	8.27	84	77162	4.28	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	22945	4.40	ug/L	0.00
37) Toluene-d8	10.33	98	77405	4.35	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	10431	3.81	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	9518	7.80	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	20280	4.00	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	30618	4.41	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15873	3.508	ug/L	93
3) Chloromethane	2.21	50	18600	4.413	ug/L	95
5) Vinyl chloride	2.37	62	31676	5.212	ug/L	98
6) Bromomethane	2.79	94	25352	6.934	ug/L	99
8) Chloroethane	2.93	64	20101	5.949	ug/L	98
9) Trichlorofluoromethane	3.26	101	23744	5.113	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	23690	4.516	ug/L #	84
12) 1,1-Dichloroethene	4.03	96	23817	4.754	ug/L	98
13) Acetone	4.14	43	12353	7.512	ug/L	99
14) Carbon disulfide	4.37	76	77138	4.911	ug/L	100
15) Methyl Acetate	4.68	43	11619	3.981	ug/L	93
16) Methylene chloride	4.91	84	28471	4.475	ug/L	93
17) Methyl tert-butyl Ether	5.43	73	38773	4.864	ug/L #	88
18) trans-1,2-Dichloroethene	5.42	96	26499	5.143	ug/L	95
19) 1,1-Dichloroethane	6.21	63	42319	4.439	ug/L	99
21) 2-Butanone	7.18	43	18623	9.456	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	29358	5.242	ug/L	94
23) Bromochloromethane	7.51	128	13333	5.129	ug/L	90
25) Chloroform	7.68	83	46686	4.577	ug/L	98
27) 1,2-Dichloroethane	8.40	62	30833	4.105	ug/L	99
30) Cyclohexane	7.96	56	42427	5.137	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	40145	4.499	ug/L	99
32) Carbon tetrachloride	8.07	117	38982	4.486	ug/L	99
34) Benzene	8.33	78	100977	4.904	ug/L	100
35) Trichloroethene	9.09	95	28233	5.126	ug/L	99
36) Methylcyclohexane	9.34	83	51081	5.333	ug/L	98
40) 1,2-Dichloropropane	9.37	63	24653	4.913	ug/L #	96
41) Bromodichloromethane	9.65	83	32720	4.638	ug/L #	99
42) cis-1,3-Dichloropropene	10.07	75	39009	4.708	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	37172	9.078	ug/L	98

Data File : VW005937.D
Acq On : 09 Oct 2018 12:01
Operator : SY/AP
Sample : VSTD00595
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD00595

Quant Time: Oct 09 14:07:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 14:04:00 2018
Response via : Initial Calibration

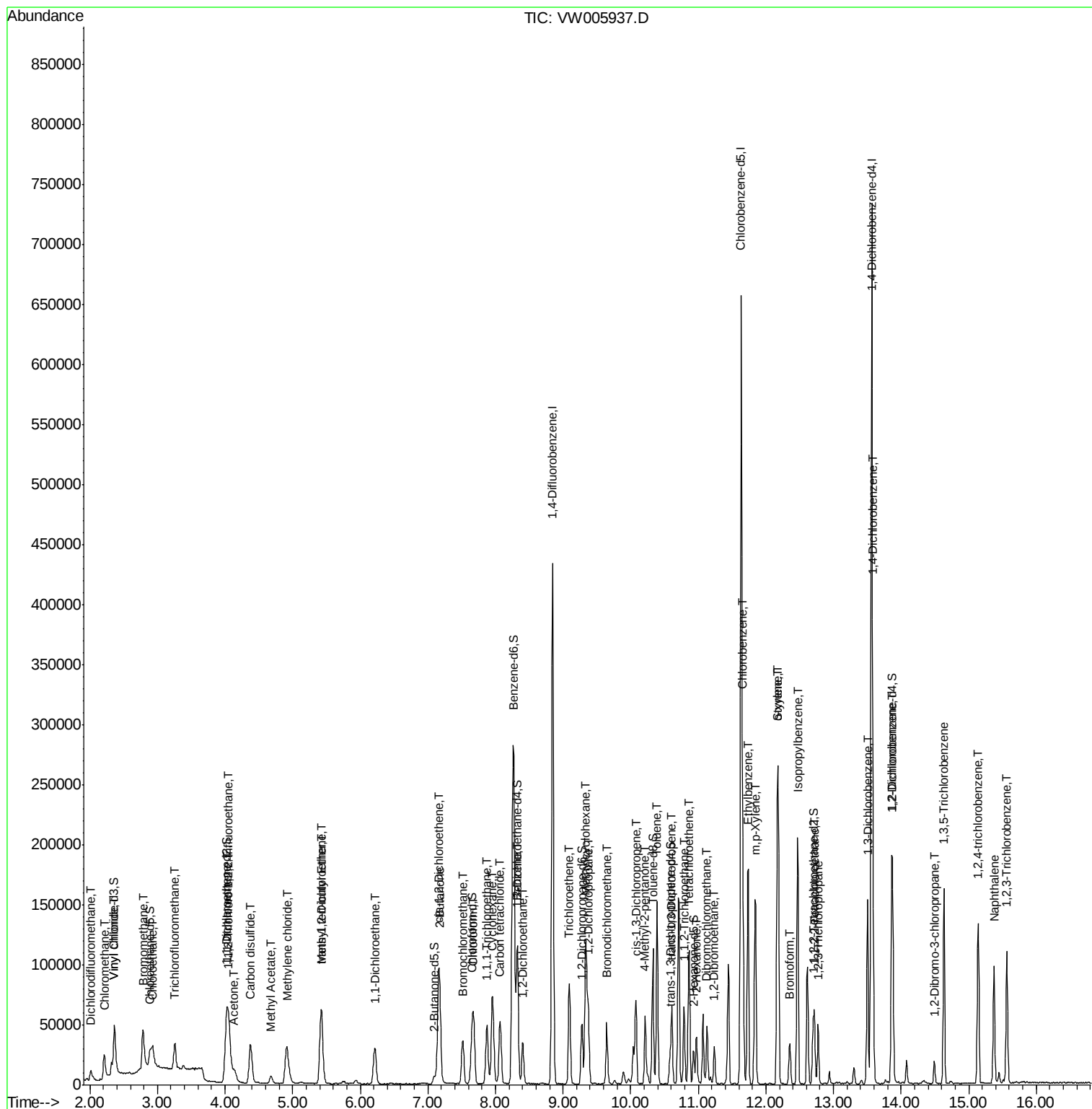
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	111156	4.831	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	33475	4.338	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	20409	4.874	ug/L	98
47) Tetrachloroethene	10.87	164	25802	5.317	ug/L	95
49) 2-Hexanone	10.98	43	25239	8.781	ug/L	97
50) Dibromochloromethane	11.13	129	25175	4.794	ug/L	97
51) 1,2-Dibromoethane	11.24	107	20811	5.141	ug/L	98
52) Chlorobenzene	11.66	112	75761	5.005	ug/L	99
53) Ethylbenzene	11.74	91	130392	4.949	ug/L	98
54) m,p-Xylene	11.84	106	50932	5.132	ug/L	99
55) o-xylene	12.17	106	47457	5.073	ug/L	99
56) Styrene	12.18	104	81676	4.975	ug/L	96
57) Isopropylbenzene	12.47	105	132771	4.969	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	24891	4.660	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	18720	4.318	ug/L	96
62) Bromoform	12.35	173	15953	4.573	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	64796	5.200	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	65149	5.007	ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	58556	4.884	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	4443	3.897	ug/L #	81
67) 1,3,5-Trichlorobenzene	14.63	180	52088	5.094	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	44196	5.261	ug/L	99
69) Naphthalene	15.38	128	86731	5.153	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	39998	5.080	ug/L	99

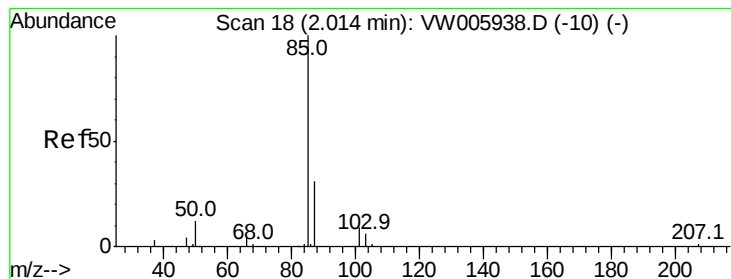
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW005937.D
Acq On : 09 Oct 2018 12:01
Operator : SY/AP
Sample : VSTD00595
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD00595

Quant Time: Oct 09 14:07:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 14:04:00 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 3.508 ug/L

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

Instrument :

MSVOA_W

ClientSampleId :

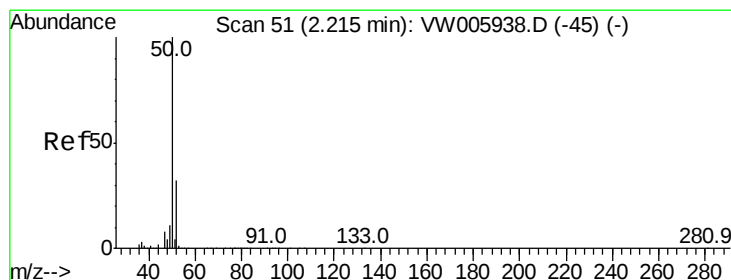
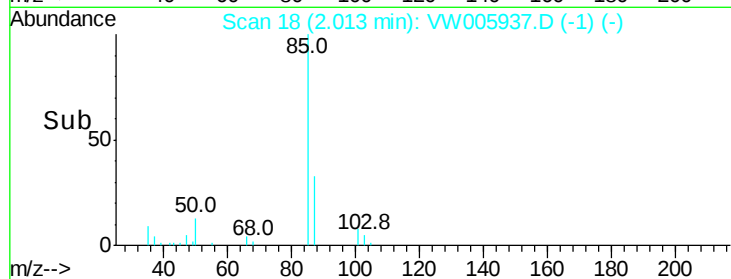
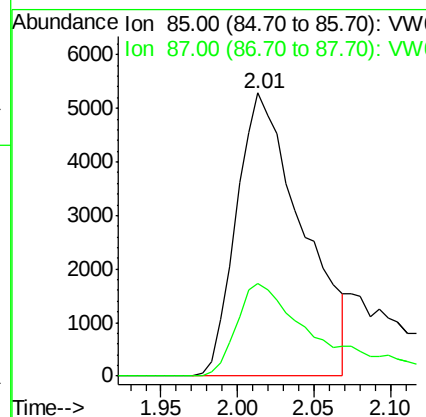
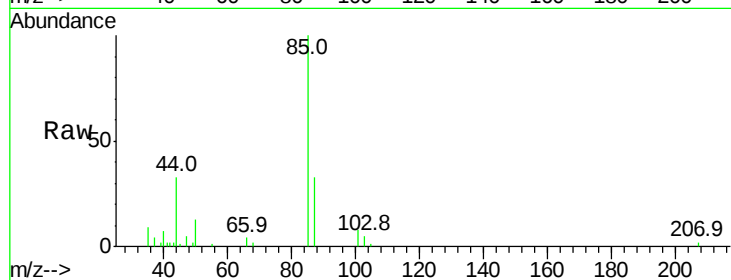
VSTD00595

Tgt Ion: 85 Resp: 15873

Ion Ratio Lower Upper

85 100

87 31.2 19.2 35.6



#3

Chloromethane

Concen: 4.413 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005937.D

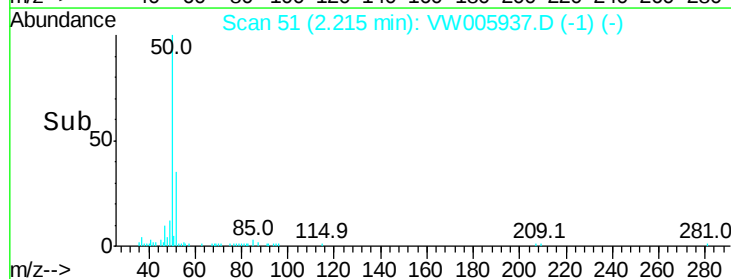
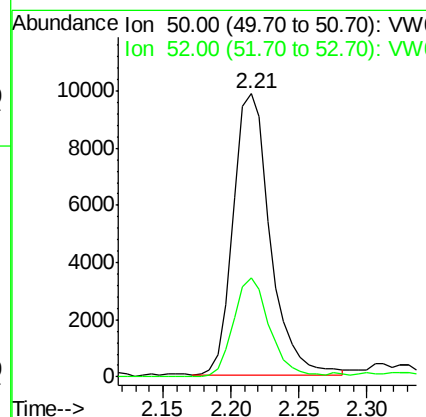
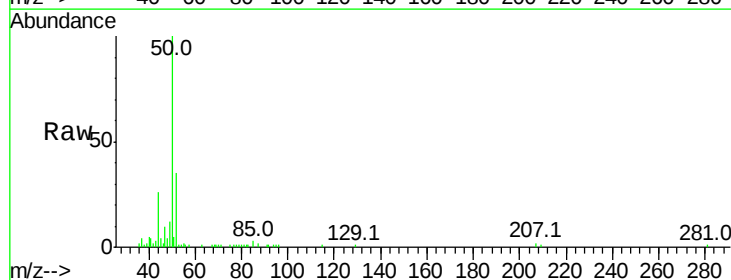
Acq: 09 Oct 2018 12:01

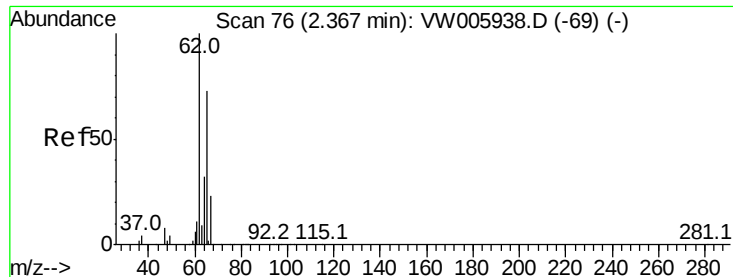
Tgt Ion: 50 Resp: 18600

Ion Ratio Lower Upper

50 100

52 34.8 22.3 41.3





#5

Vinyl chloride

Concen: 5.212 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

Instrument :

MSVOA_W

ClientSampleId :

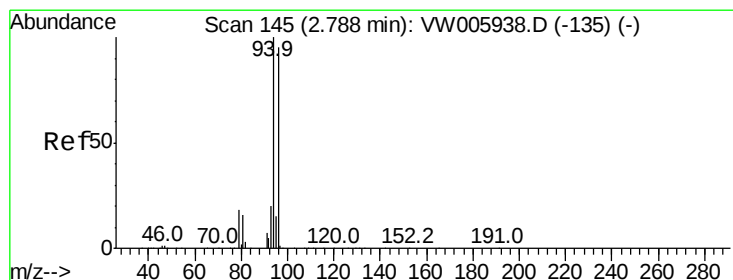
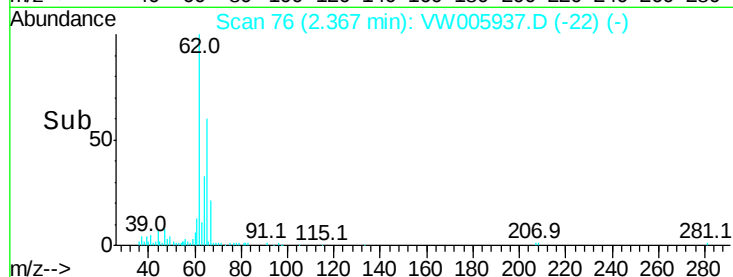
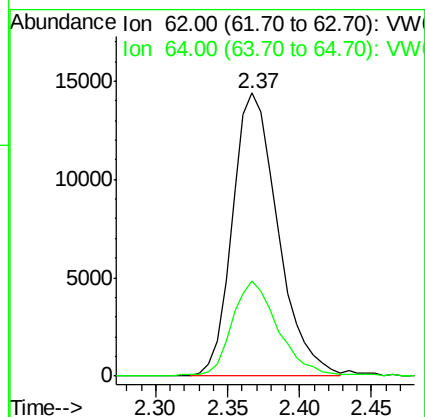
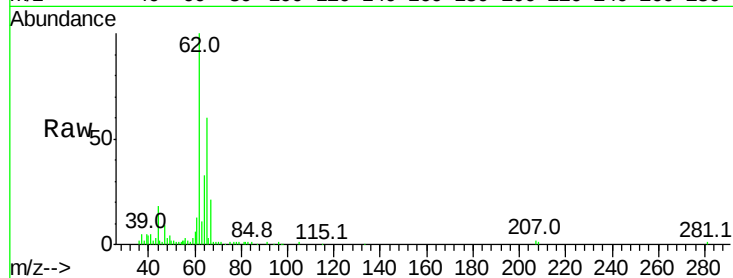
VSTD00595

Tgt Ion: 62 Resp: 31676

Ion Ratio Lower Upper

62 100

64 33.4 22.7 42.3



#6

Bromomethane

Concen: 6.934 ug/L

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW005937.D

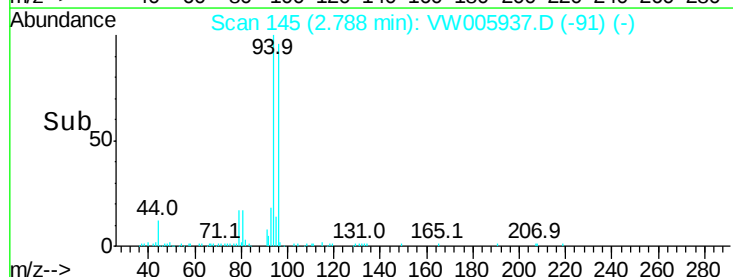
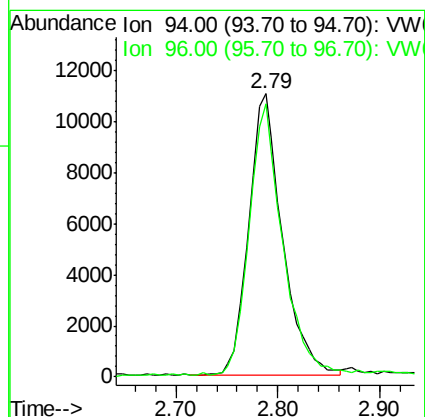
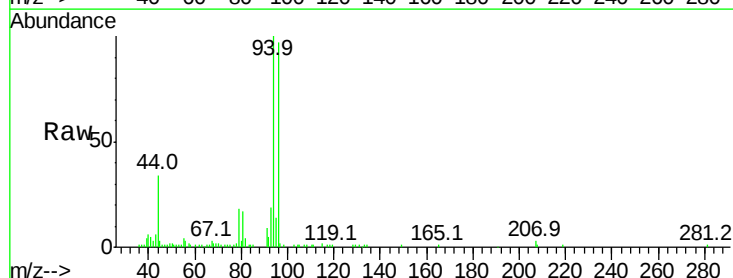
Acq: 09 Oct 2018 12:01

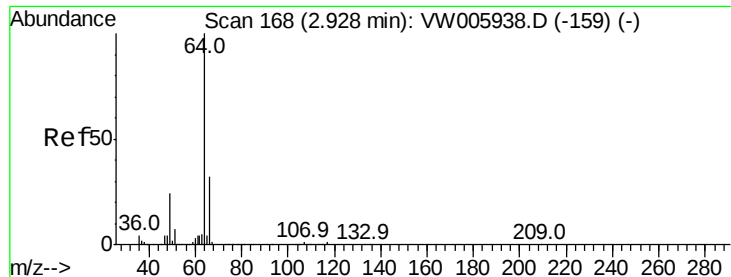
Tgt Ion: 94 Resp: 25352

Ion Ratio Lower Upper

94 100

96 96.3 9.5 181.3





#8

Chloroethane

Concen: 5.949 ug/L

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

Instrument :

MSVOA_W

ClientSampleId :

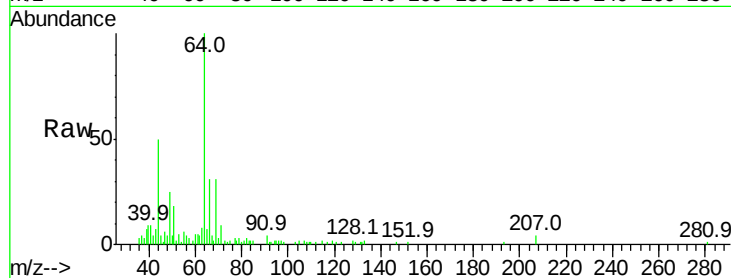
VSTD00595

Tgt Ion: 64 Resp: 20101

Ion Ratio Lower Upper

64 100

66 31.3 22.7 42.1



Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW

2.93

8000

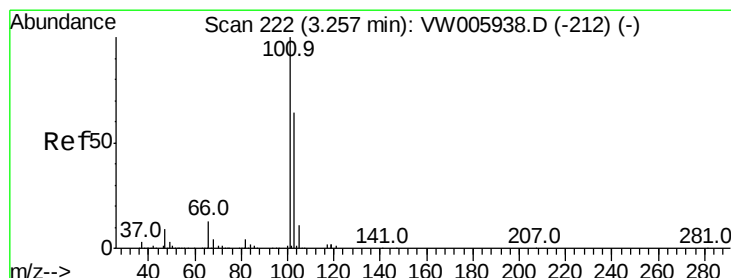
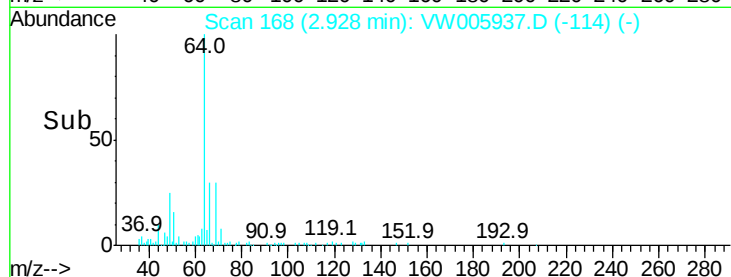
6000

4000

2000

0

Time--> 2.80 2.90 3.00 3.10



#9

Trichlorofluoromethane

Concen: 5.113 ug/L

RT: 3.26 min Scan# 222

Delta R.T. -0.00 min

Lab File: VW005937.D

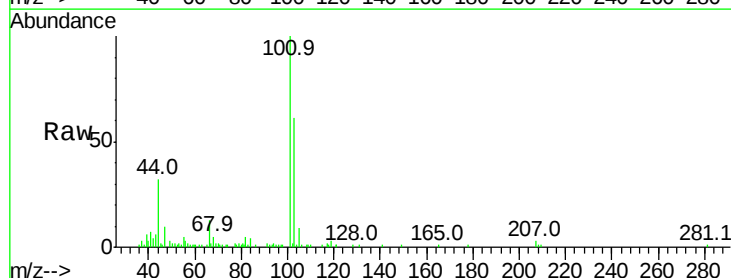
Acq: 09 Oct 2018 12:01

Tgt Ion: 101 Resp: 23744

Ion Ratio Lower Upper

101 100

103 64.9 45.6 84.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

3.26

10000

8000

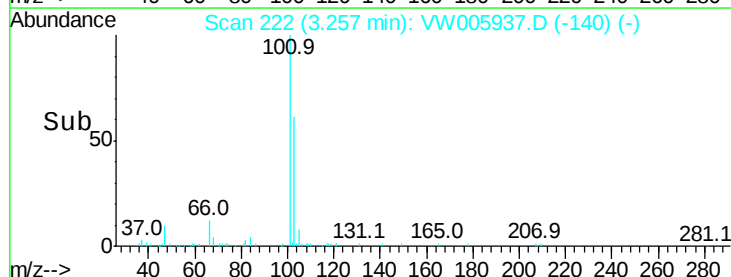
6000

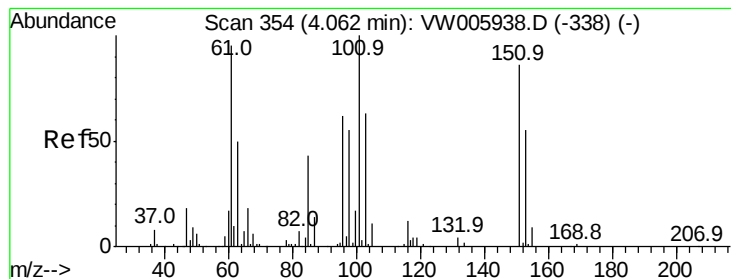
4000

2000

0

Time--> 3.15 3.20 3.25 3.30 3.35





#11

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

Concen: 4.516 ug/L

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD00595

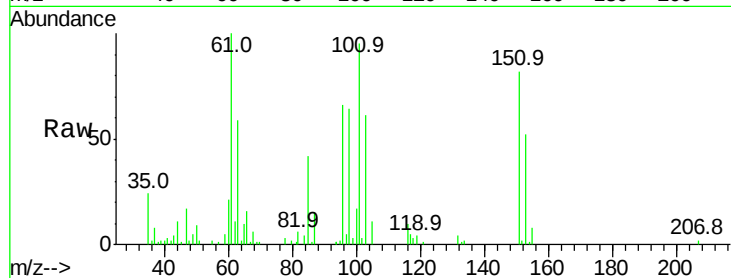
Tgt Ion:101 Resp: 23690

Ion Ratio Lower Upper

101 100

85 21.0 33.4 50.2#

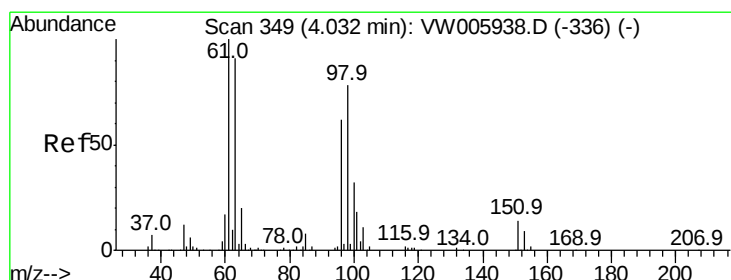
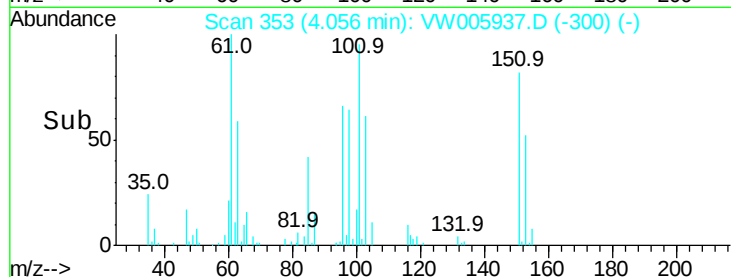
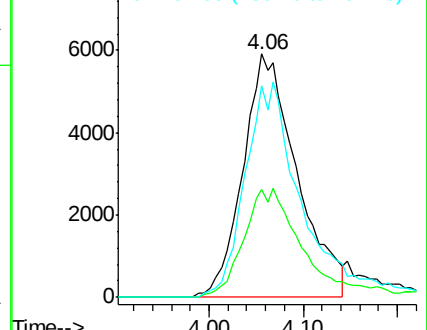
151 93.3 68.7 103.1



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: 4.754 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.01 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

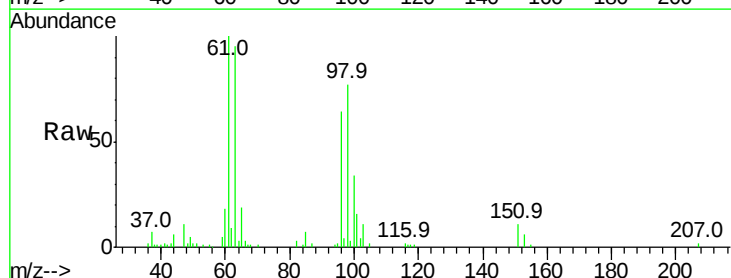
Tgt Ion: 96 Resp: 23817

Ion Ratio Lower Upper

96 100

61 157.3 112.3 208.7

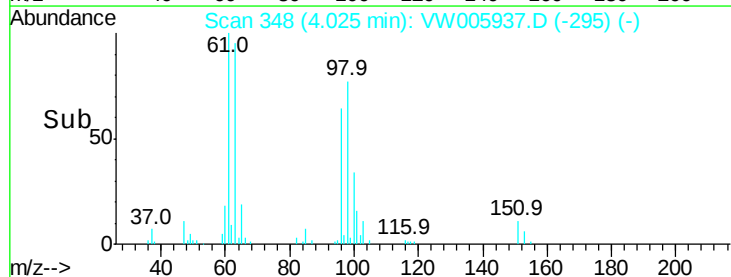
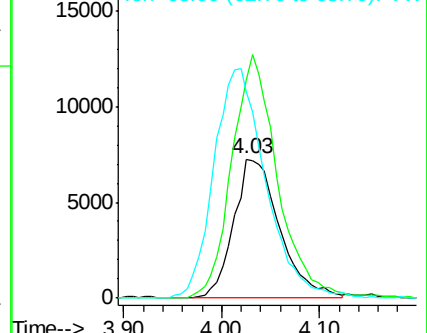
63 148.8 102.6 190.6

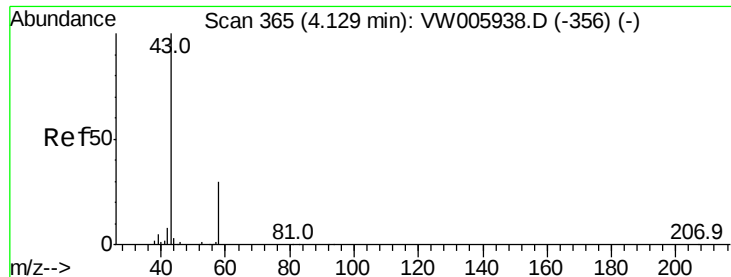


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 7.512 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

Instrument :

MSVOA_W

ClientSampleId :

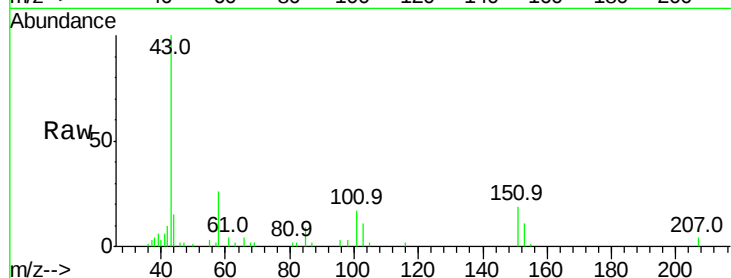
VSTD00595

Tgt Ion: 43 Resp: 12353

Ion Ratio Lower Upper

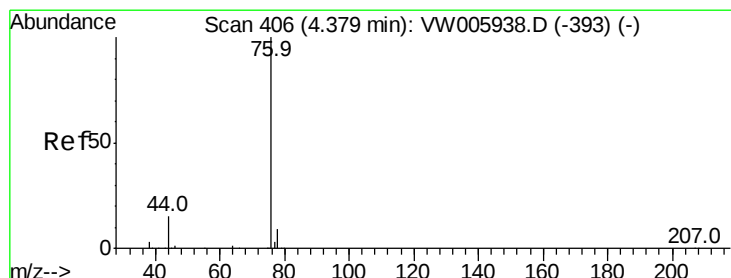
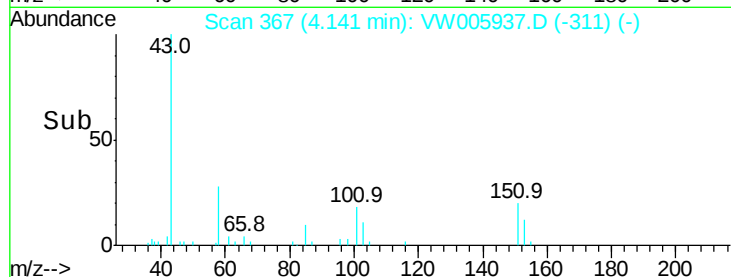
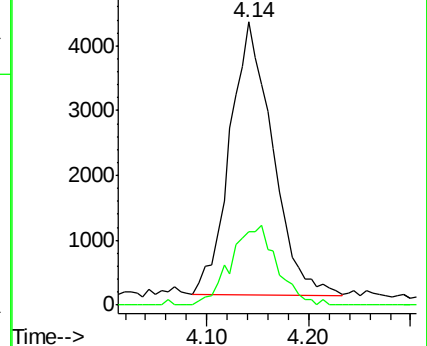
43 100

58 31.0 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 4.911 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW005937.D

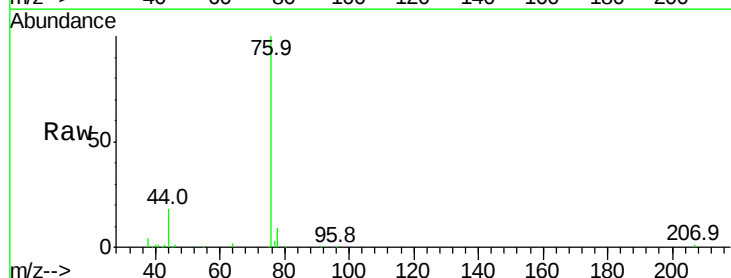
Acq: 09 Oct 2018 12:01

Tgt Ion: 76 Resp: 77138

Ion Ratio Lower Upper

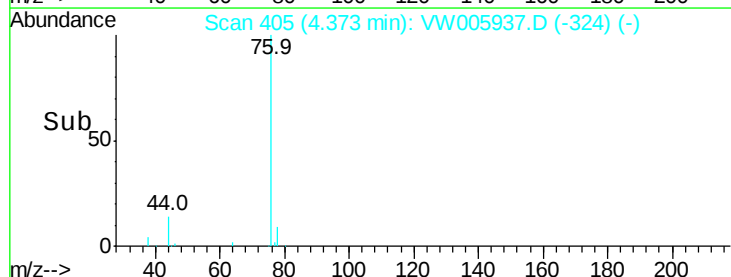
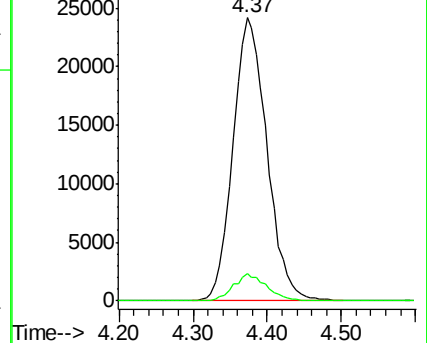
76 100

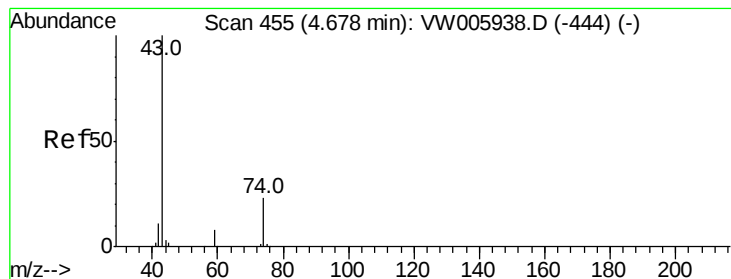
78 9.5 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#15

Methyl Acetate

Concen: 3.981 ug/L

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

Instrument :

MSVOA_W

ClientSampleId :

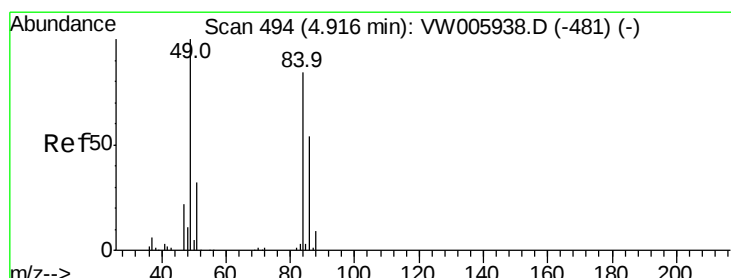
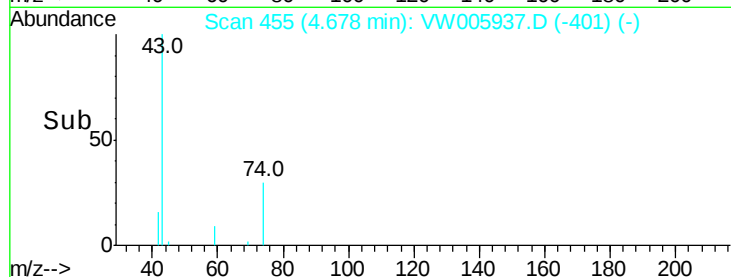
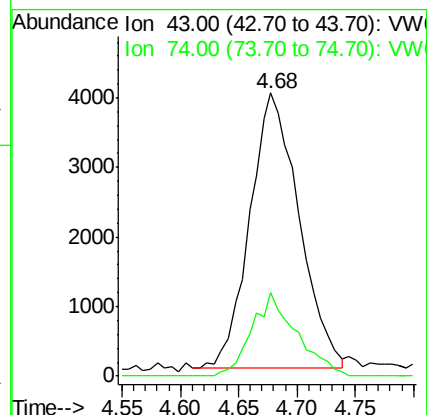
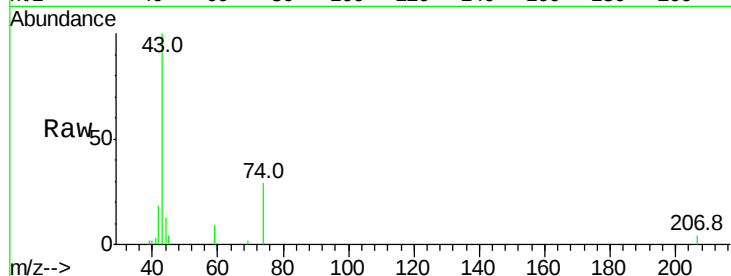
VSTD00595

Tgt Ion: 43 Resp: 11619

Ion Ratio Lower Upper

43 100

74 27.5 19.4 29.2



#16

Methylene chloride

Concen: 4.475 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

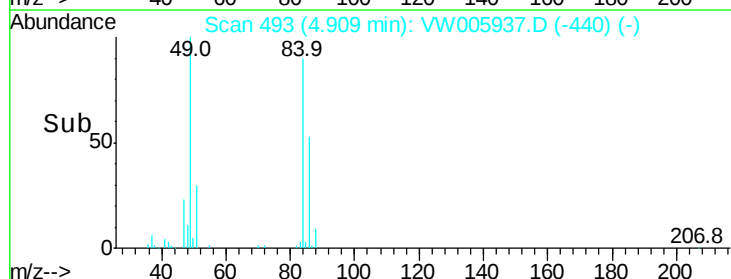
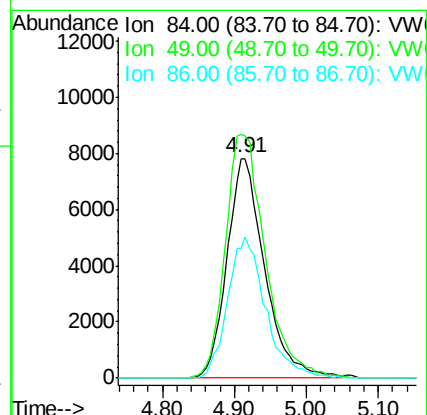
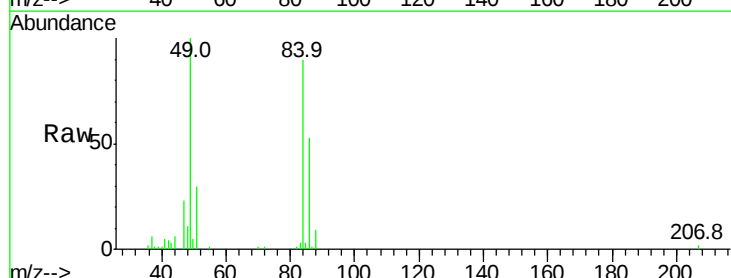
Tgt Ion: 84 Resp: 28471

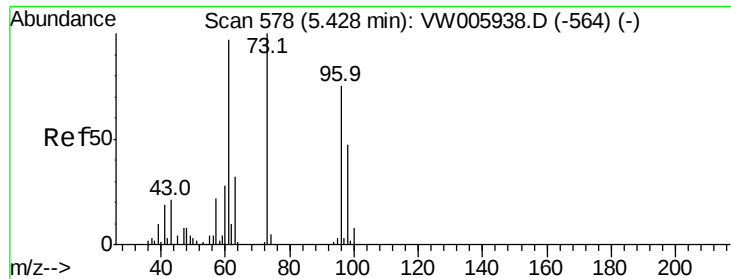
Ion Ratio Lower Upper

84 100

49 110.8 83.5 155.1

86 59.2 44.9 83.5

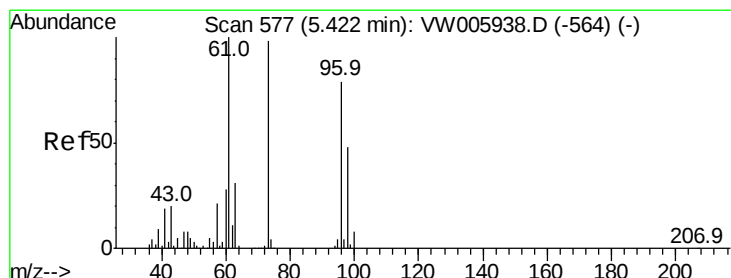
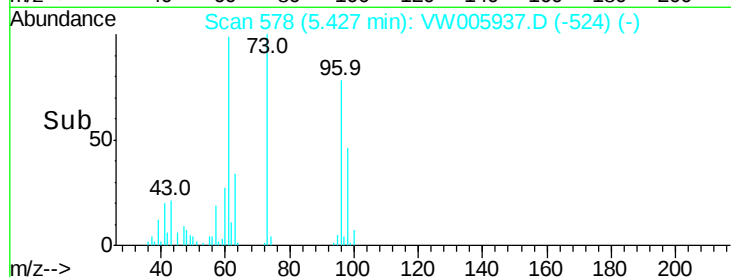
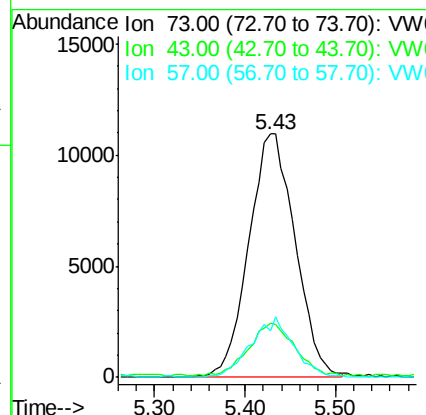
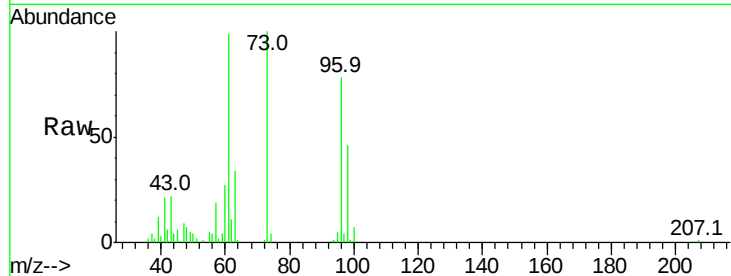




#17
Methyl tert-butyl Ether
Concen: 4.864 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW005937.D
Acq: 09 Oct 2018 12:01

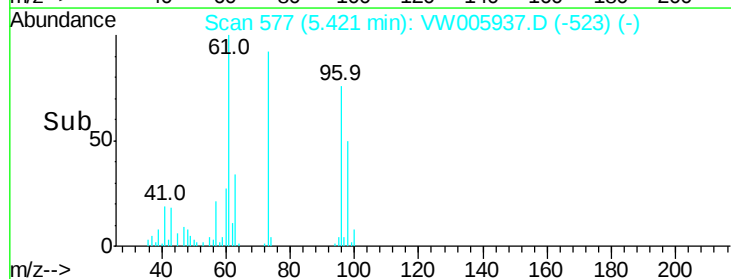
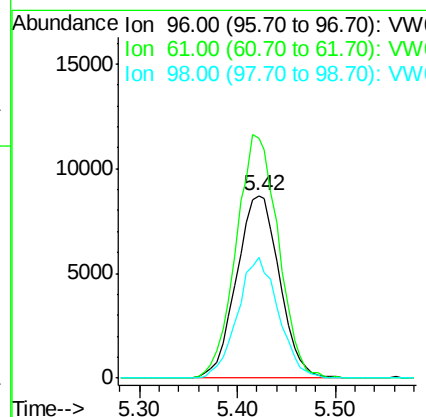
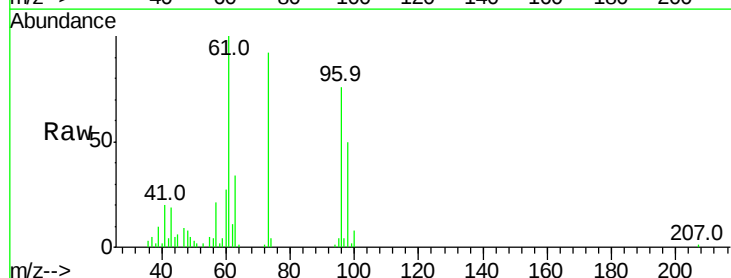
Instrument :
MSVOA_W
ClientSampleId :
VSTD00595

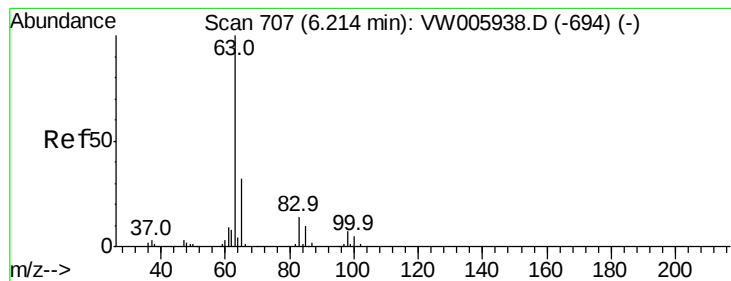
Tgt Ion: 73 Resp: 38773
Ion Ratio Lower Upper
73 100
43 20.4 17.0 25.4
57 10.4 17.1 25.7#



#18
trans-1,2-Dichloroethene
Concen: 5.143 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW005937.D
Acq: 09 Oct 2018 12:01

Tgt Ion: 96 Resp: 26499
Ion Ratio Lower Upper
96 100
61 131.2 89.0 165.2
98 65.9 42.4 78.6





#19

1,1-Dichloroethane

Concen: 4.439 ug/L

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD00595

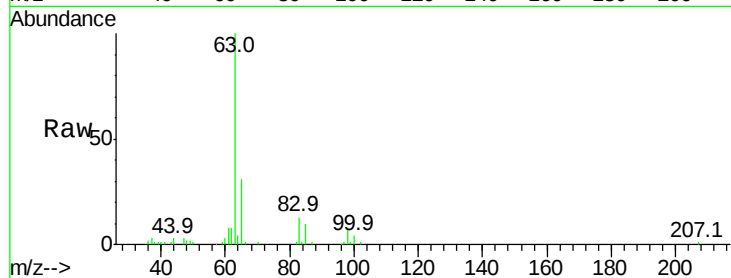
Tgt Ion: 63 Resp: 42319

Ion Ratio Lower Upper

63 100

65 31.2 22.3 41.5

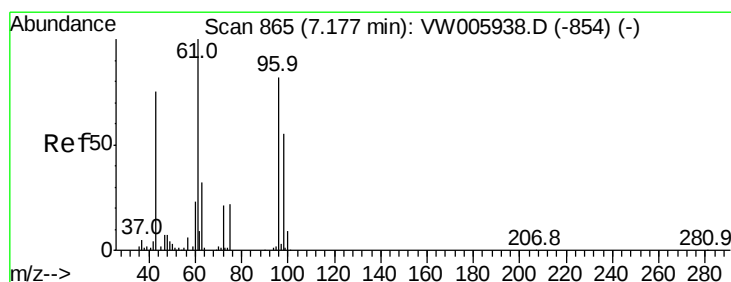
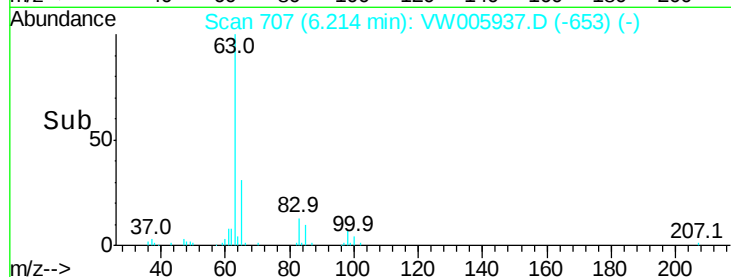
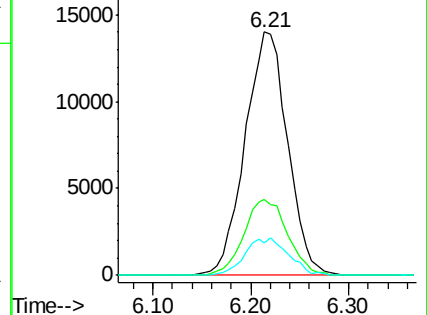
83 13.4 9.7 18.1



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 65.00 (64.70 to 65.70): VW

Ion 83.00 (82.70 to 83.70): VW



#21

2-Butanone

Concen: 9.456 ug/L

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005937.D

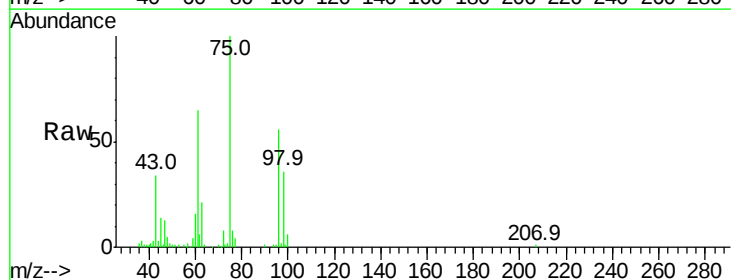
Acq: 09 Oct 2018 12:01

Tgt Ion: 43 Resp: 18623

Ion Ratio Lower Upper

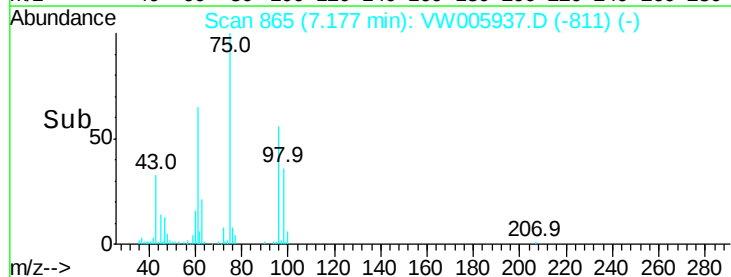
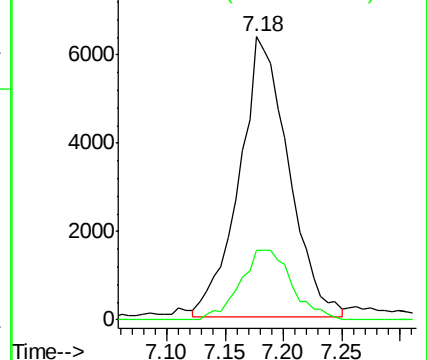
43 100

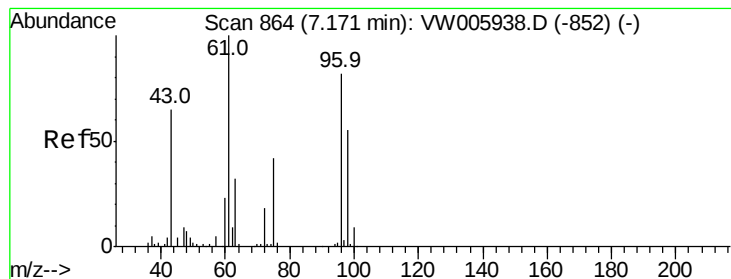
72 26.2 13.8 41.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



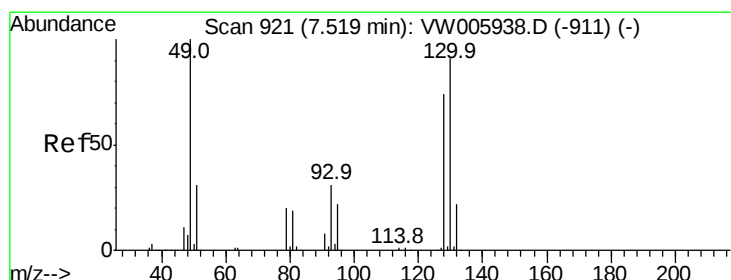
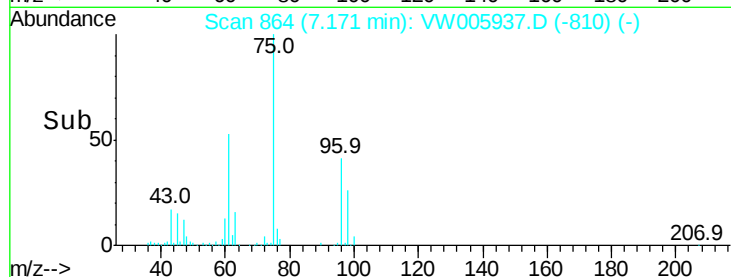
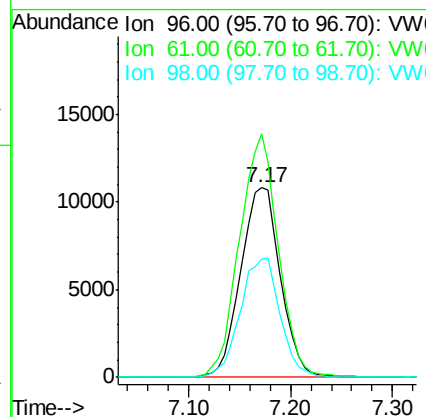
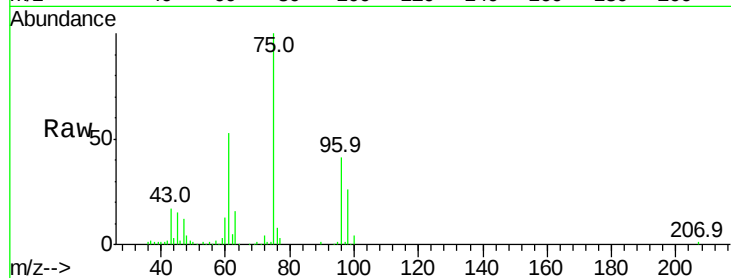


#22

cis-1,2-Dichloroethene
 Concen: 5.242 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW005937.D
 Acq: 09 Oct 2018 12:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00595

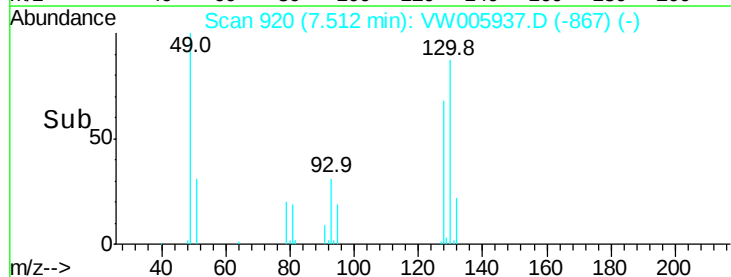
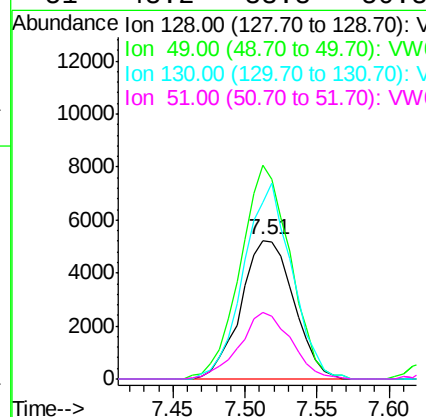
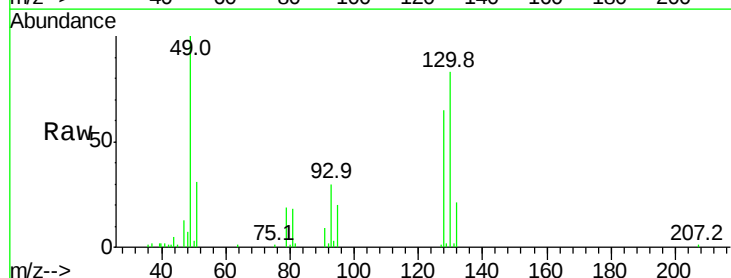
Tgt Ion: 96 Resp: 29358
 Ion Ratio Lower Upper
 96 100
 61 128.4 85.1 158.1
 98 62.5 46.3 86.1

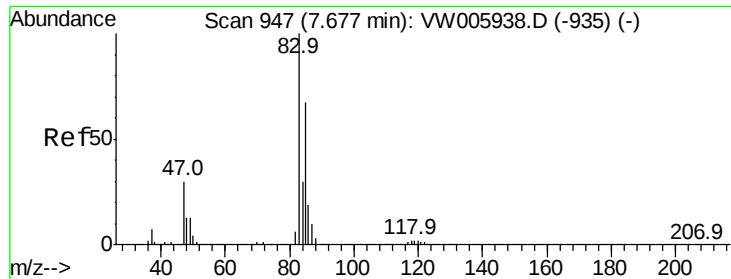


#23

Bromochloromethane
 Concen: 5.129 ug/L
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW005937.D
 Acq: 09 Oct 2018 12:01

Tgt Ion: 128 Resp: 13333
 Ion Ratio Lower Upper
 128 100
 49 153.9 95.2 176.8
 130 127.5 86.3 160.3
 51 48.2 33.8 50.8

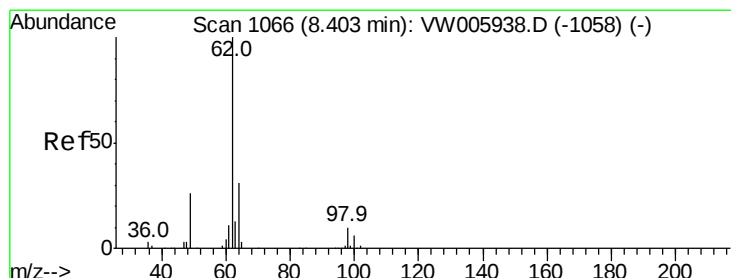
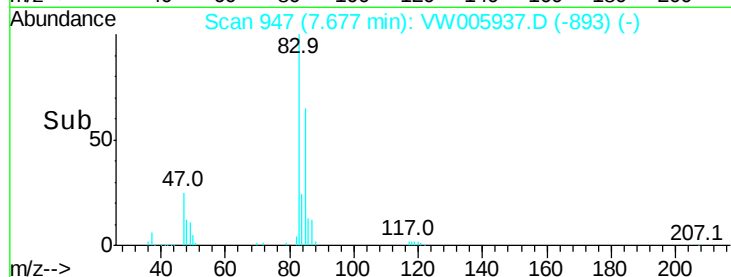
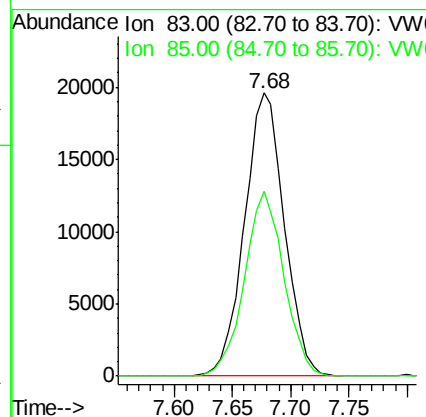
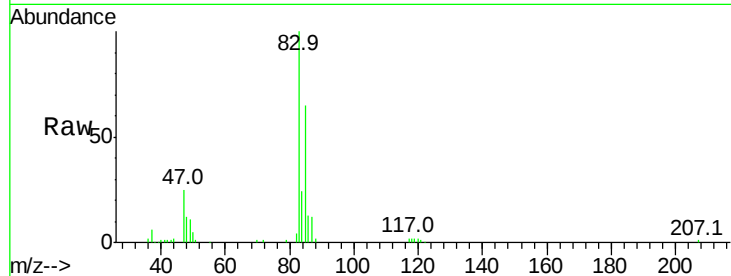




#25
Chloroform
Concen: 4.577 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005937.D
Acq: 09 Oct 2018 12:01

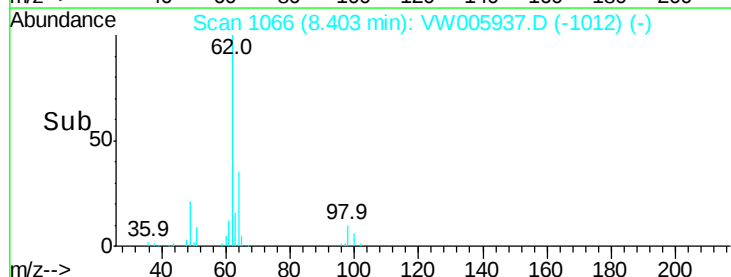
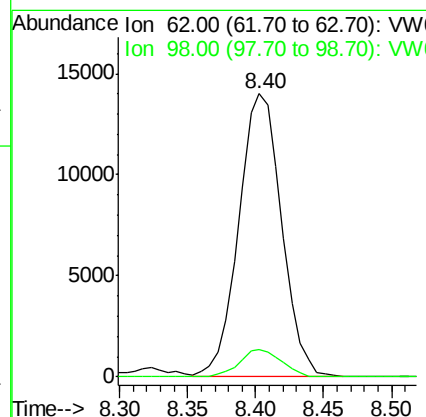
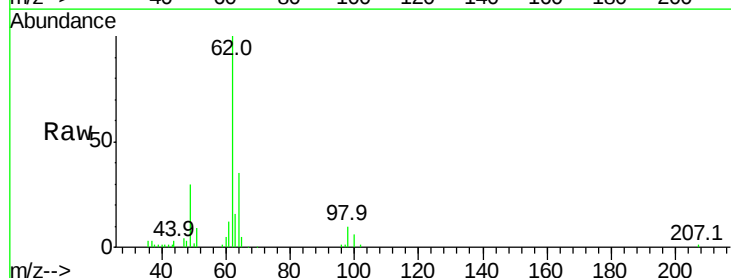
Instrument :
MSVOA_W
ClientSampleId :
VSTD00595

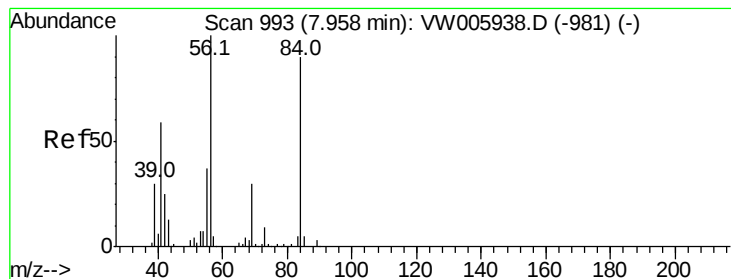
Tgt Ion: 83 Resp: 46686
Ion Ratio Lower Upper
83 100
85 64.4 46.3 85.9



#27
1,2-Dichloroethane
Concen: 4.105 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005937.D
Acq: 09 Oct 2018 12:01

Tgt Ion: 62 Resp: 30833
Ion Ratio Lower Upper
62 100
98 9.8 8.0 12.0





#30

Cyclohexane

Concen: 5.137 ug/L

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD00595

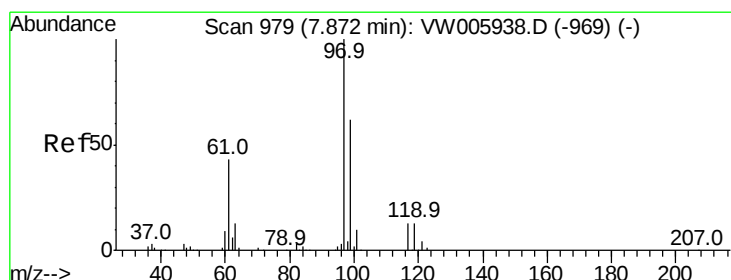
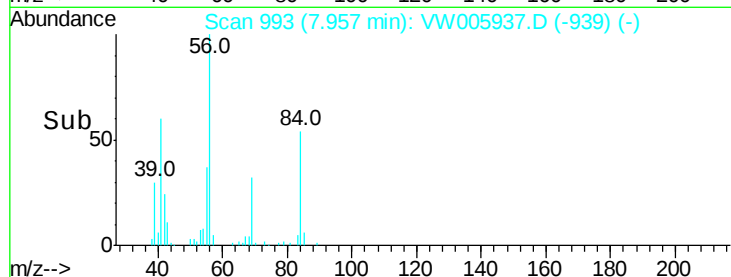
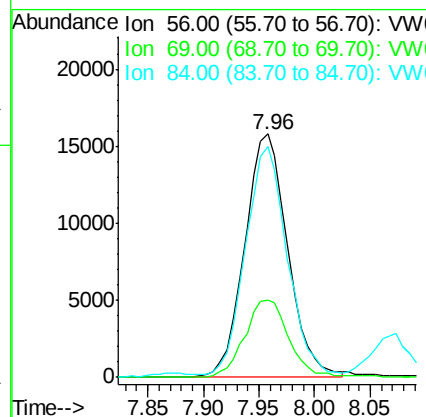
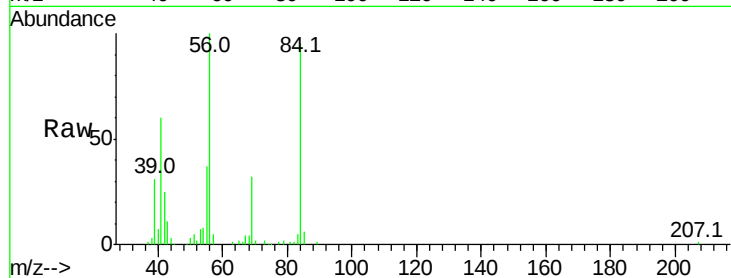
Tgt Ion: 56 Resp: 42427

Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.0

84 93.5 73.9 110.9



#31

1,1,1-Trichloroethane

Concen: 4.499 ug/L

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

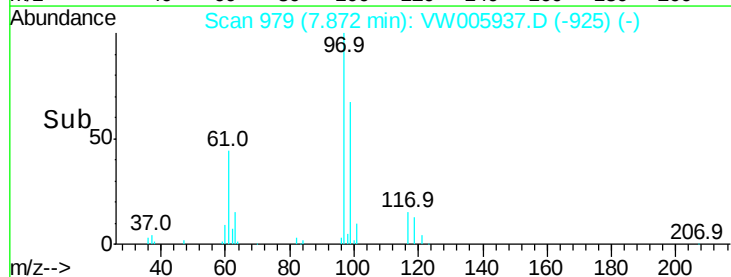
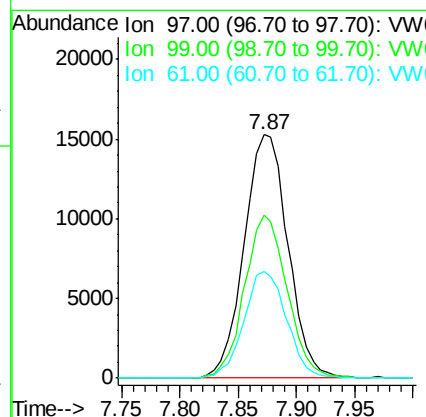
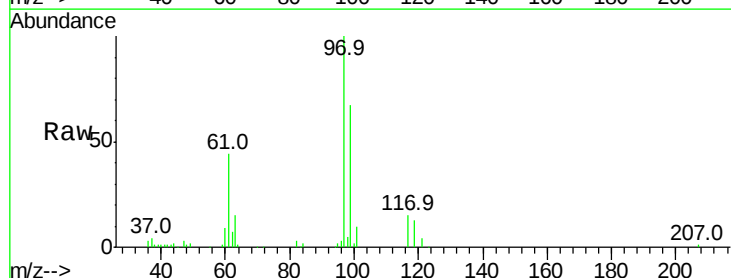
Tgt Ion: 97 Resp: 40145

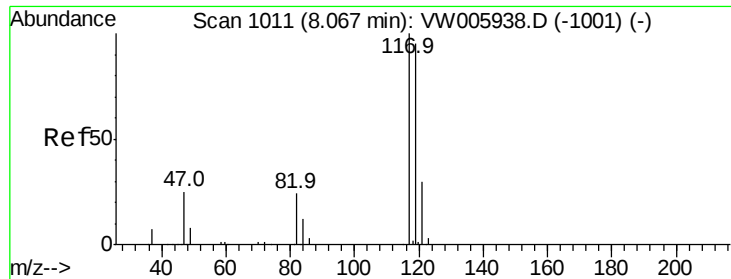
Ion Ratio Lower Upper

97 100

99 64.9 51.0 76.4

61 42.7 33.6 50.4





#32

Carbon tetrachloride

Concen: 4.486 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

Instrument :

MSVOA_W

ClientSampleId :

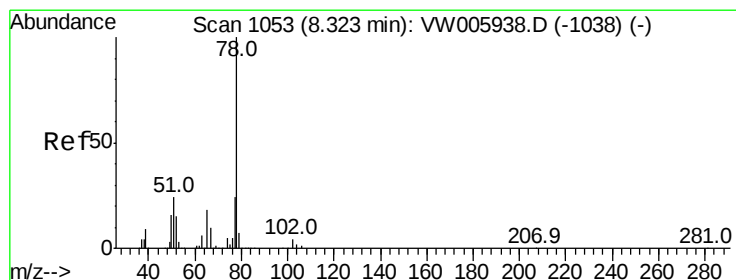
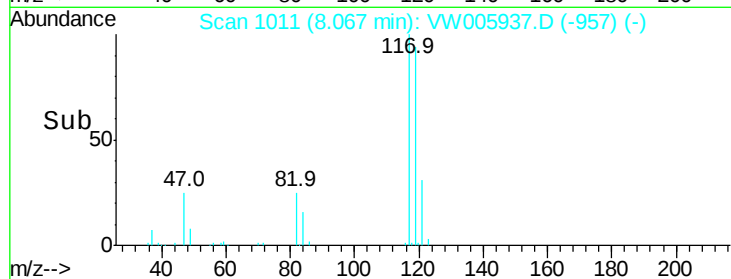
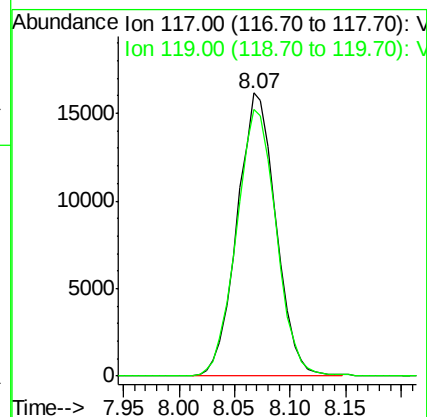
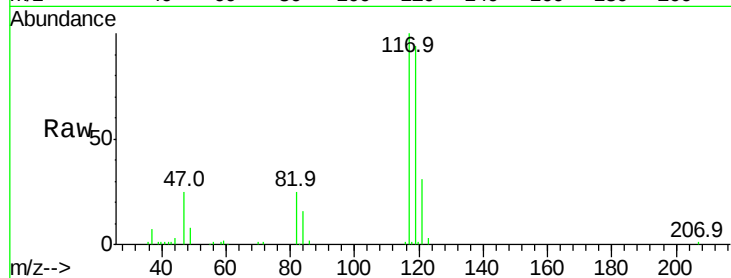
VSTD00595

Tgt Ion:117 Resp: 38982

Ion Ratio Lower Upper

117 100

119 96.8 76.9 115.3



#34

Benzene

Concen: 4.904 ug/L

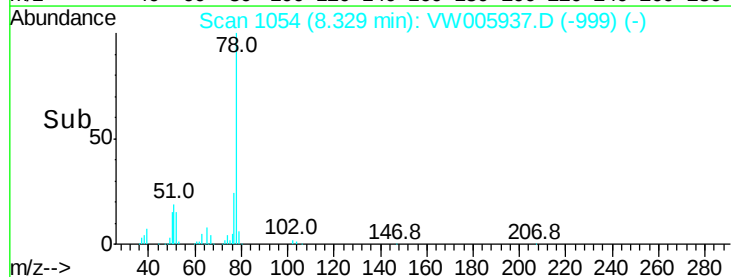
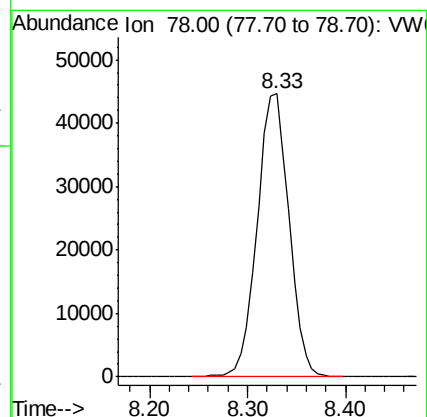
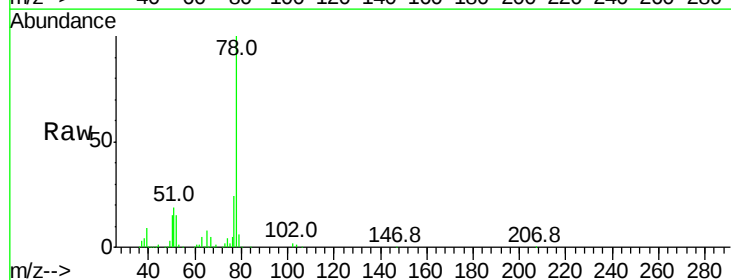
RT: 8.33 min Scan# 1054

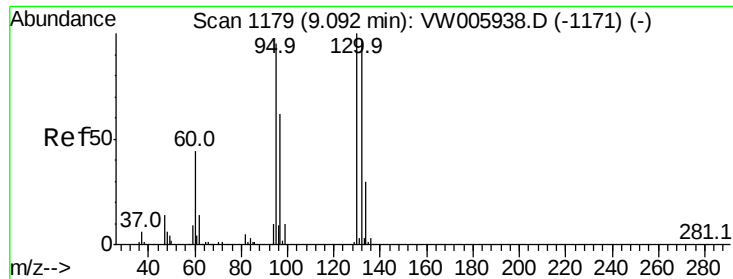
Delta R.T. 0.01 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

Tgt Ion: 78 Resp: 100977

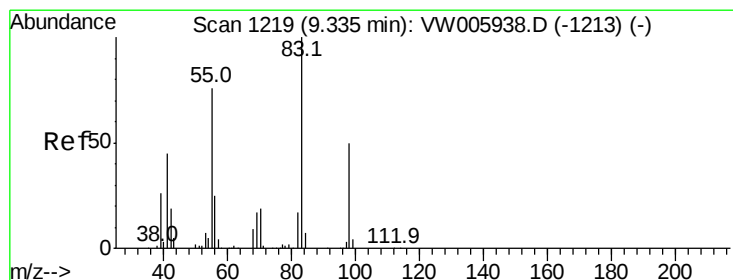
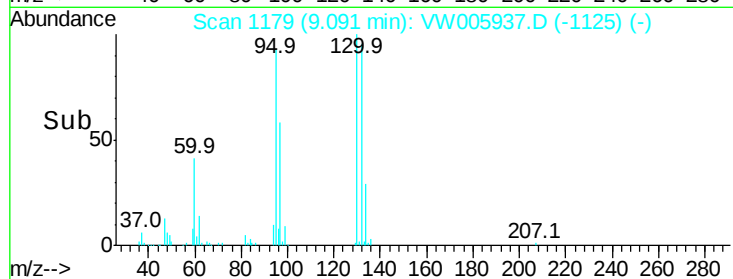
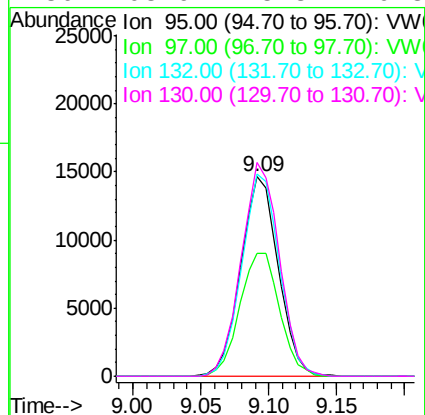
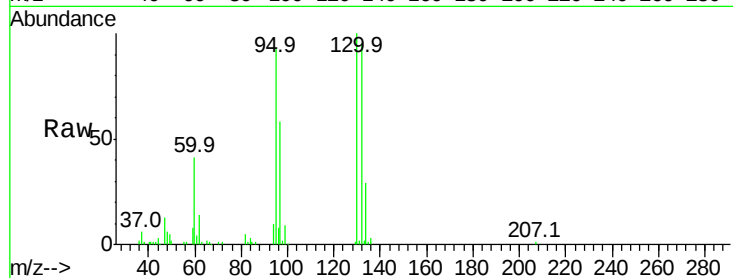




#35
 Trichloroethene
 Concen: 5.126 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW005937.D
 Acq: 09 Oct 2018 12:01

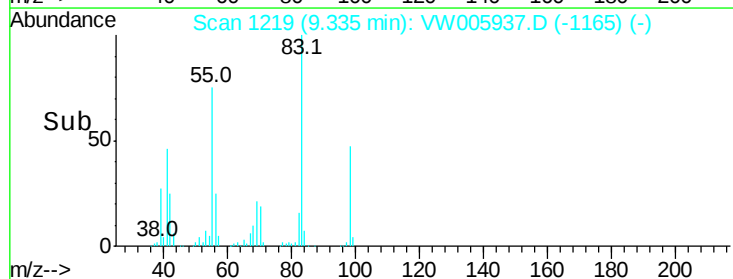
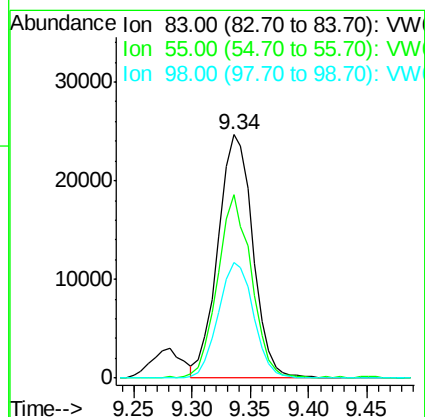
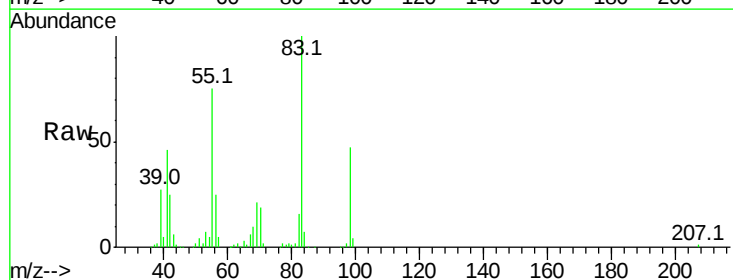
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00595

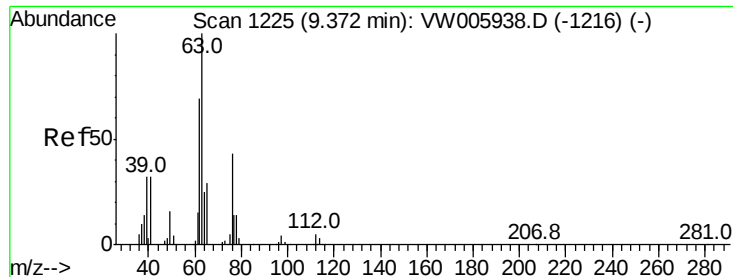
Tgt Ion: 95 Resp: 28233
 Ion Ratio Lower Upper
 95 100
 97 65.5 45.8 85.0
 132 102.1 72.9 135.3
 130 108.9 75.8 140.8



#36
 Methylcyclohexane
 Concen: 5.333 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VW005937.D
 Acq: 09 Oct 2018 12:01

Tgt Ion: 83 Resp: 51081
 Ion Ratio Lower Upper
 83 100
 55 73.2 57.1 85.7
 98 47.9 38.9 58.3

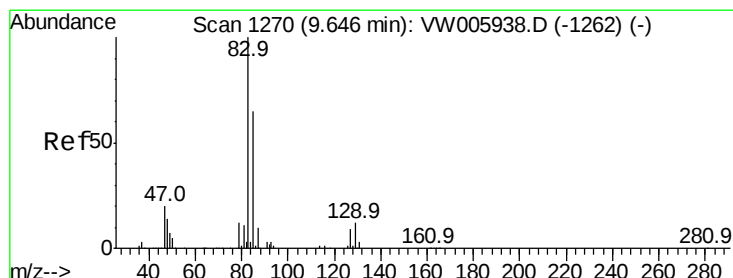
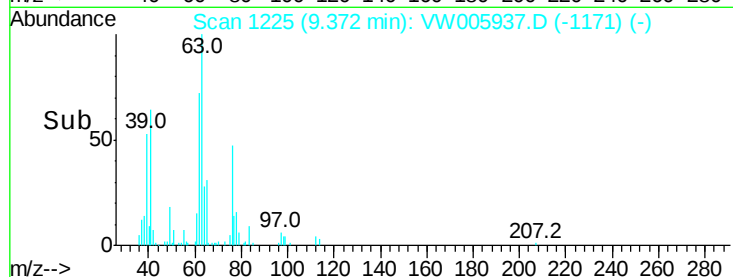
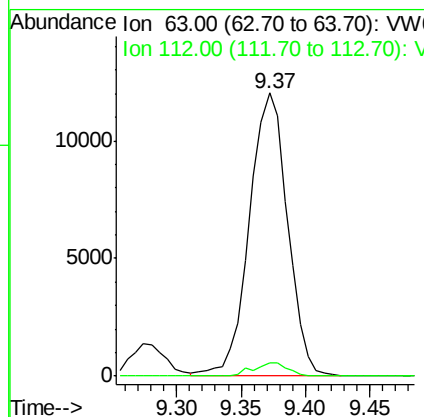
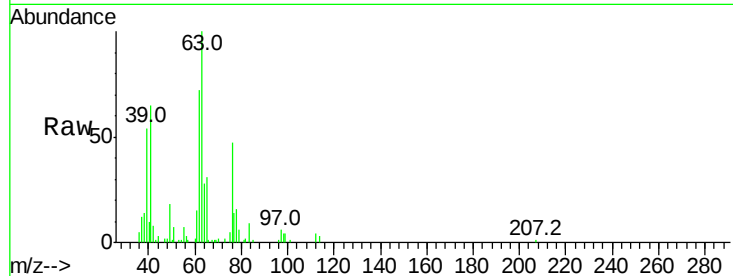




#40
 1,2-Dichloropropane
 Concen: 4.913 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005937.D
 Acq: 09 Oct 2018 12:01

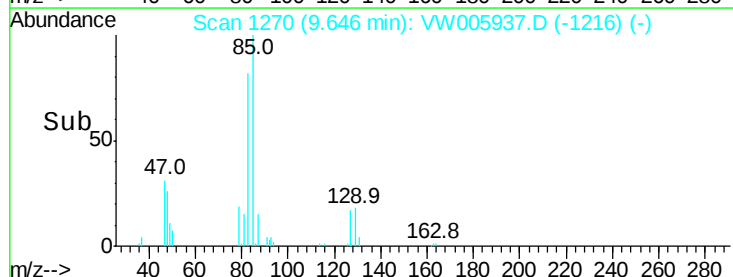
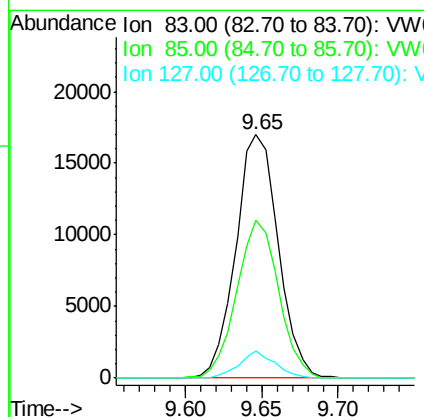
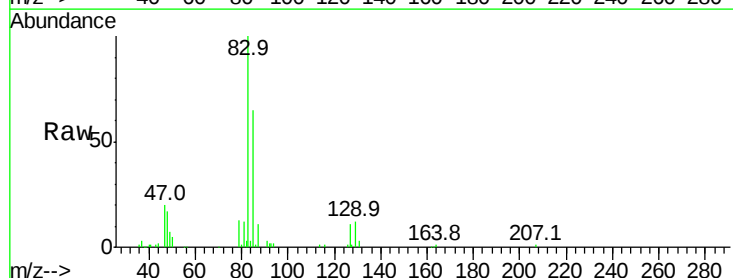
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00595

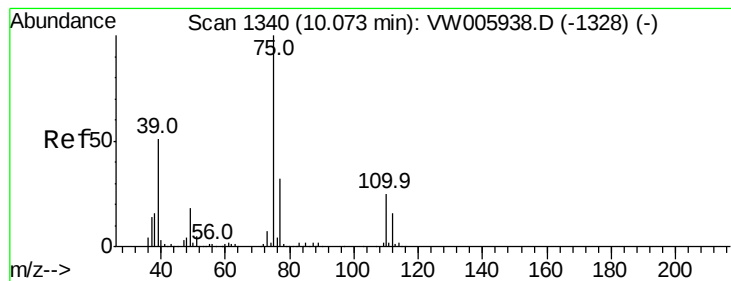
Tgt Ion: 63 Resp: 24653
 Ion Ratio Lower Upper
 63 100
 112 3.2 3.5 5.3#



#41
 Bromodichloromethane
 Concen: 4.638 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW005937.D
 Acq: 09 Oct 2018 12:01

Tgt Ion: 83 Resp: 32720
 Ion Ratio Lower Upper
 83 100
 85 64.8 45.5 84.5
 127 11.9 7.4 11.2#





#42

cis-1,3-Dichloropropene

Concen: 4.708 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

Instrument :

MSVOA_W

ClientSampleId :

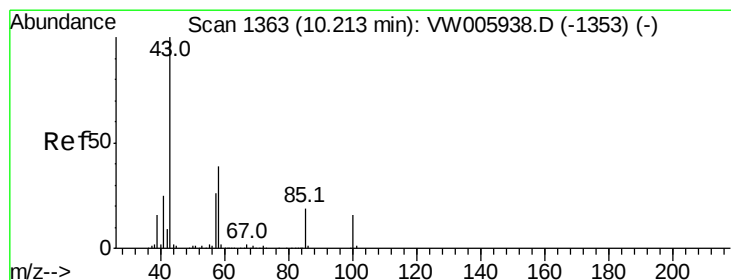
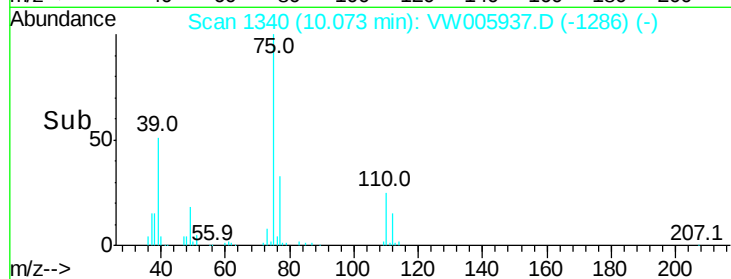
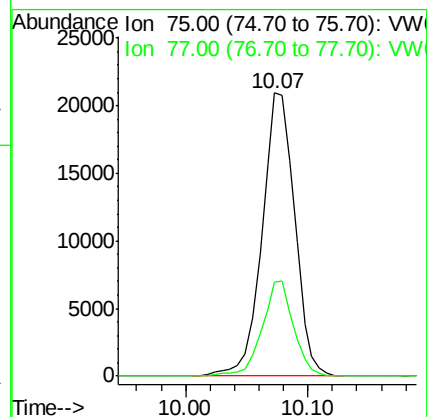
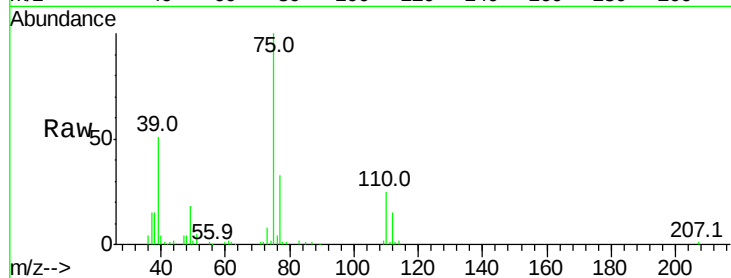
VSTD00595

Tgt Ion: 75 Resp: 39009

Ion Ratio Lower Upper

75 100

77 33.2 22.6 42.0



#43

4-Methyl-2-pentanone

Concen: 9.078 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

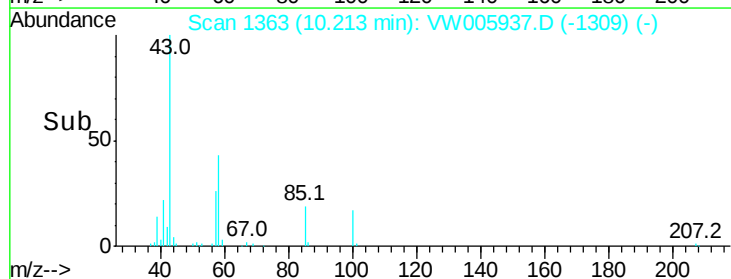
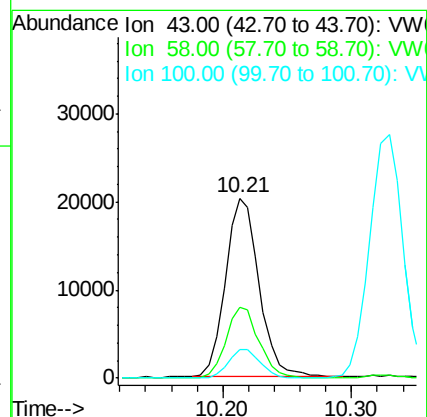
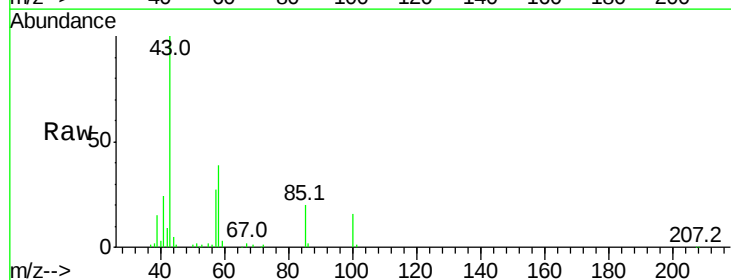
Tgt Ion: 43 Resp: 37172

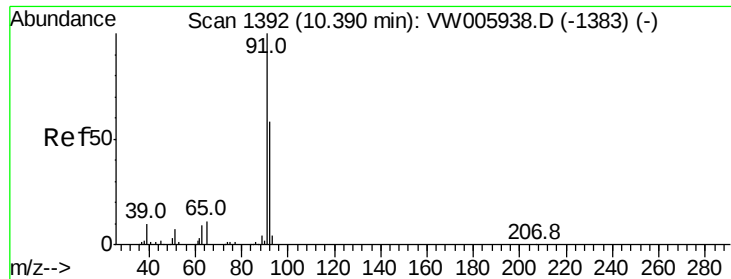
Ion Ratio Lower Upper

43 100

58 38.8 31.4 47.2

100 15.1 13.3 19.9





#44

Toluene

Concen: 4.831 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

Instrument :

MSVOA_W

ClientSampleId :

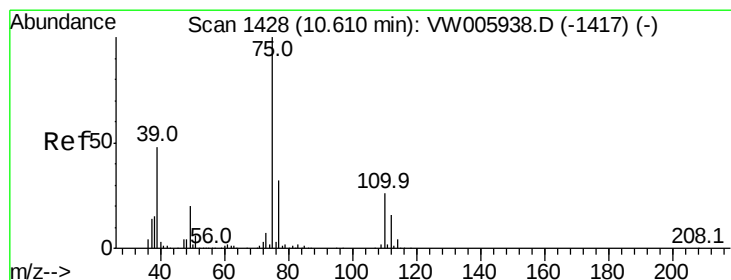
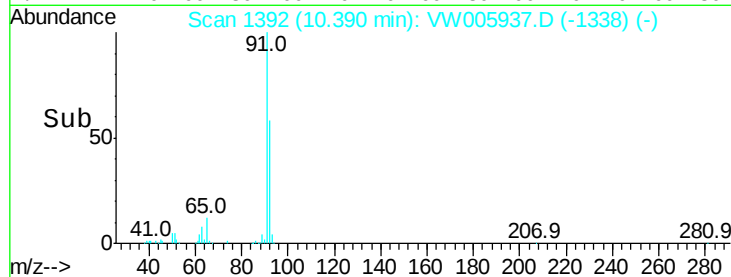
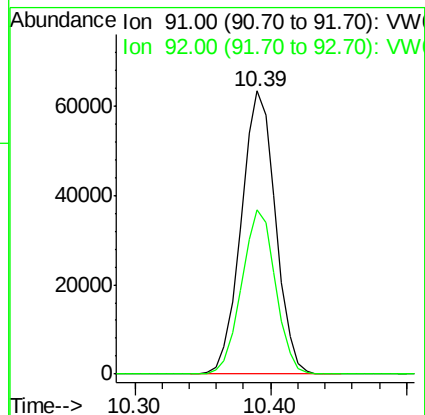
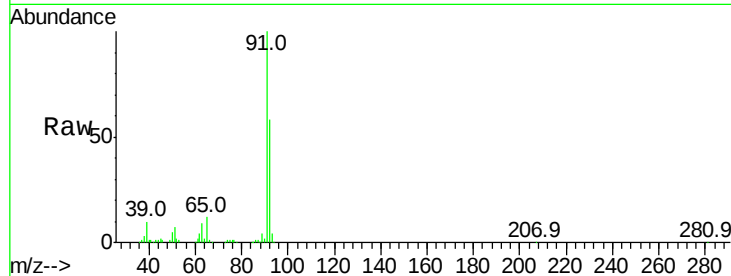
VSTD00595

Tgt Ion: 91 Resp: 111156

Ion Ratio Lower Upper

91 100

92 57.9 40.4 75.0



#45

trans-1,3-Dichloropropene

Concen: 4.338 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005937.D

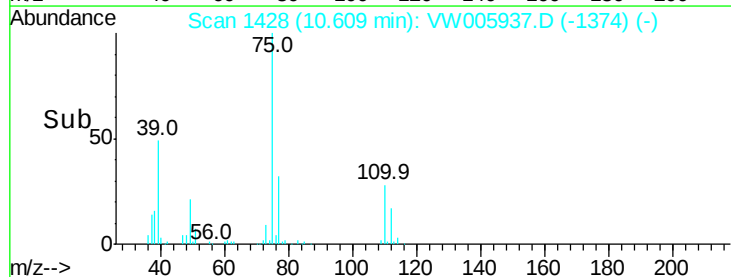
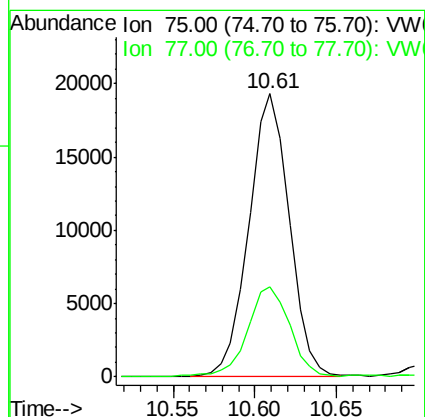
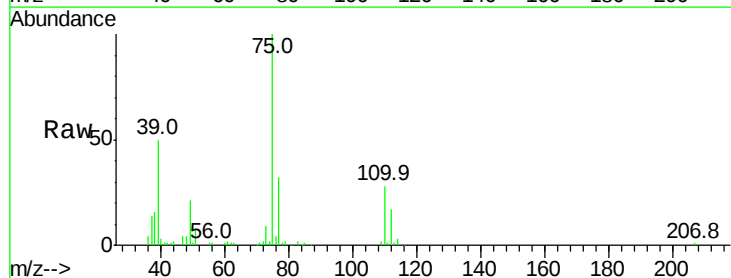
Acq: 09 Oct 2018 12:01

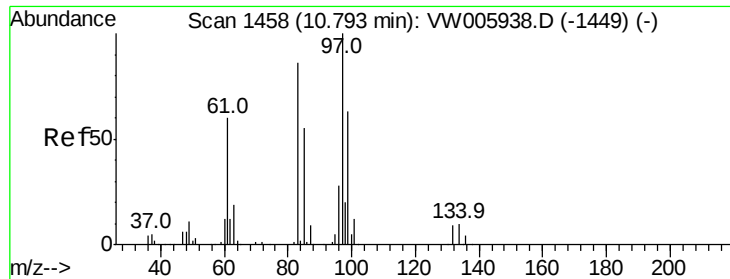
Tgt Ion: 75 Resp: 33475

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6

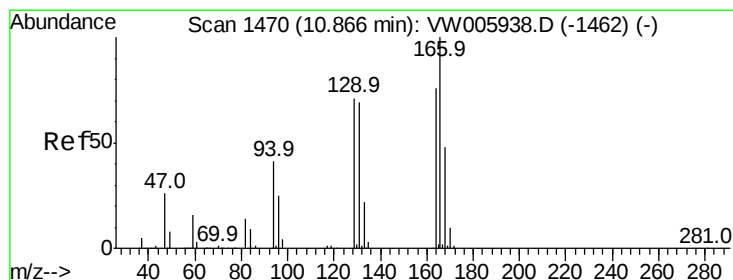
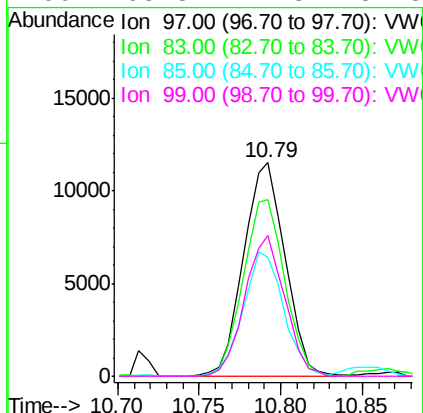
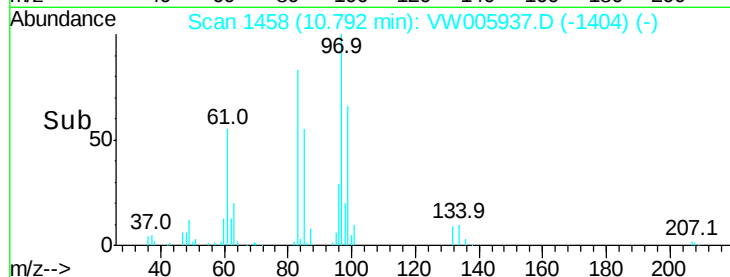
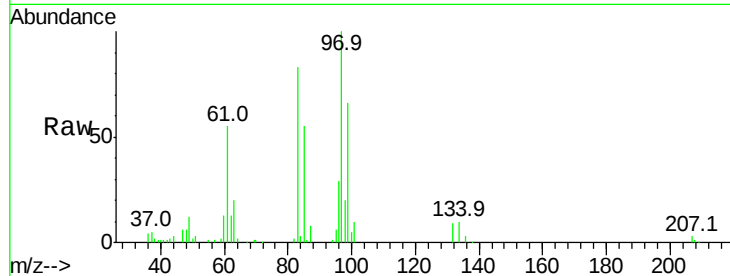




#46
 1,1,2-Trichloroethane
 Concen: 4.874 ug/L
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005937.D
 Acq: 09 Oct 2018 12:01

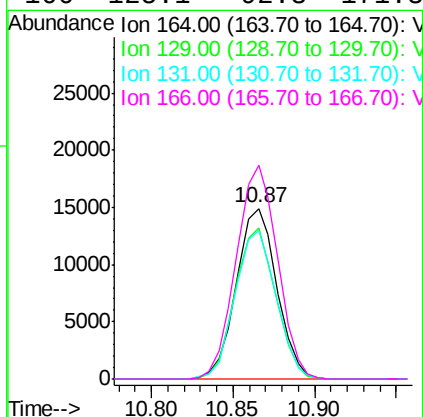
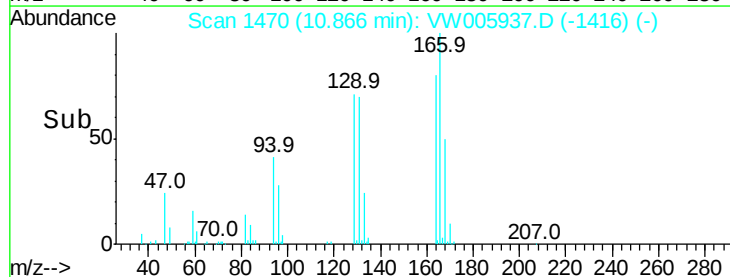
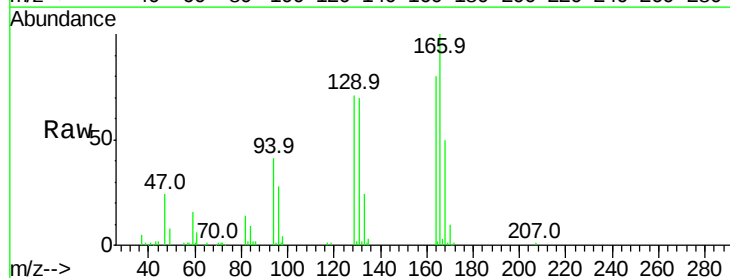
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00595

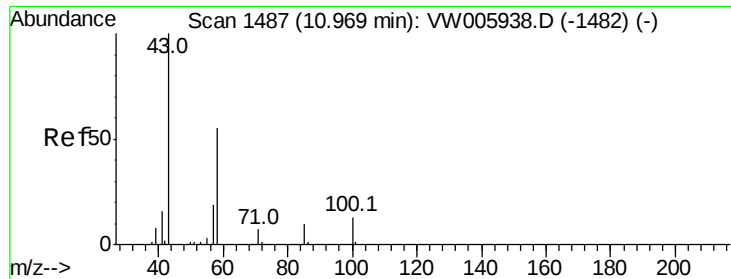
Tgt Ion:	97	Resp:	20409
Ion	Ratio	Lower	Upper
97	100		
83	82.8	60.0	111.4
85	55.5	38.7	71.9
99	65.8	44.3	82.3



#47
 Tetrachloroethene
 Concen: 5.317 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW005937.D
 Acq: 09 Oct 2018 12:01

Tgt Ion:	164	Resp:	25802
Ion	Ratio	Lower	Upper
164	100		
129	88.5	65.4	121.4
131	87.1	63.8	118.4
166	125.1	92.3	171.3





#49

2-Hexanone

Concen: 8.781 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD00595

Tgt Ion: 43 Resp: 25239

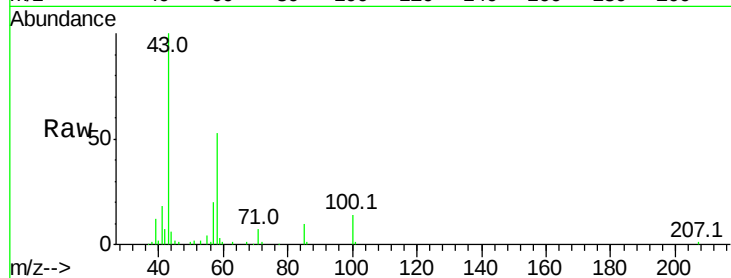
Ion Ratio Lower Upper

43 100

58 51.1 42.1 63.1

57 20.9 15.1 22.7

100 12.8 9.9 14.9

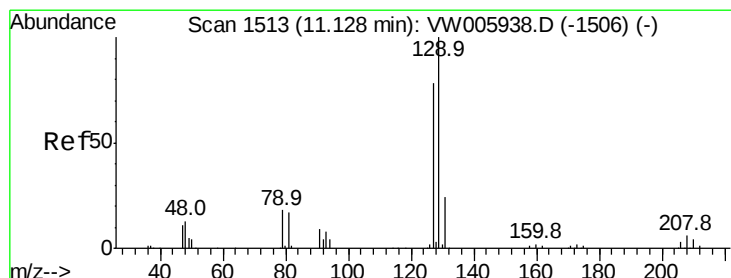
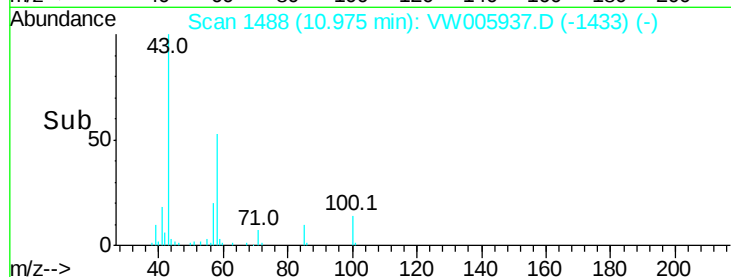
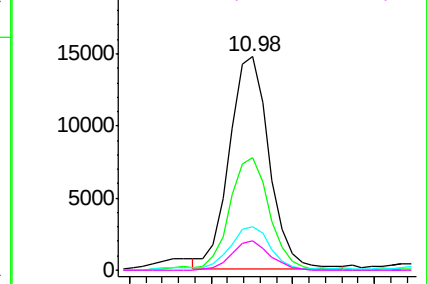


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#50

Dibromochloromethane

Concen: 4.794 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW005937.D

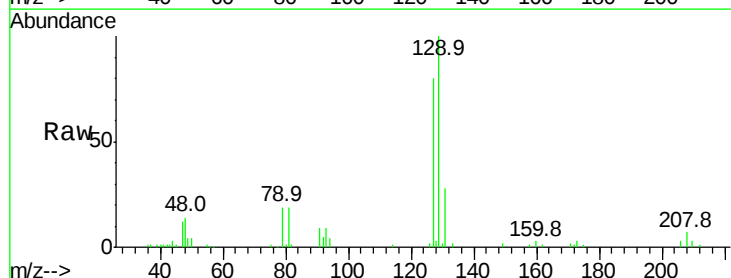
Acq: 09 Oct 2018 12:01

Tgt Ion: 129 Resp: 25175

Ion Ratio Lower Upper

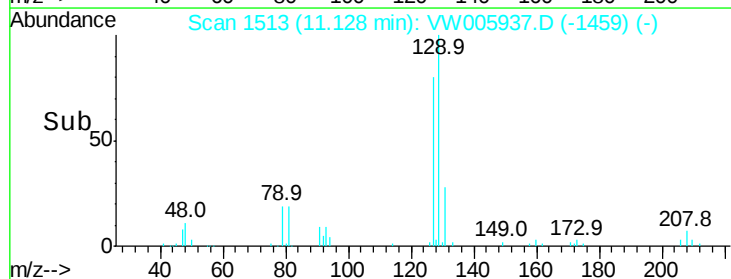
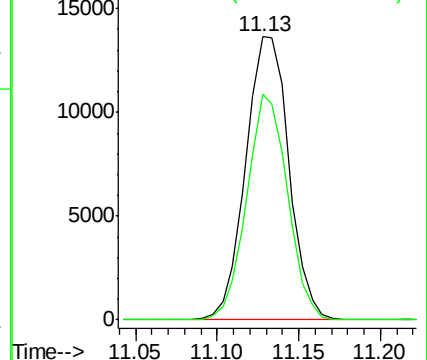
129 100

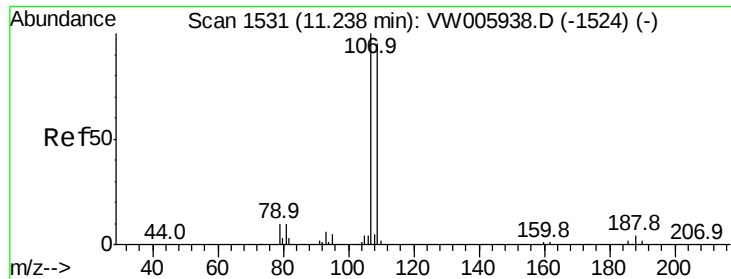
127 79.9 54.4 101.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

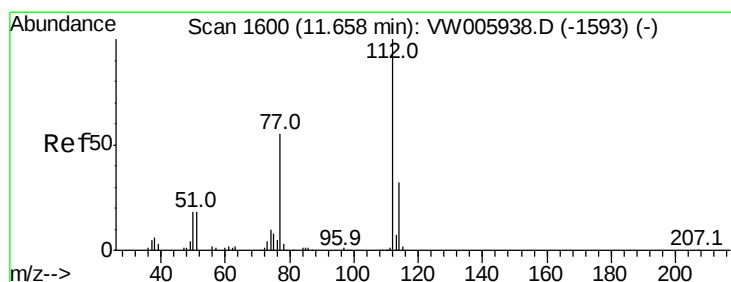
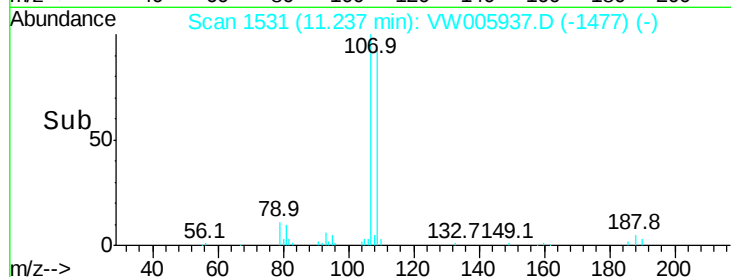
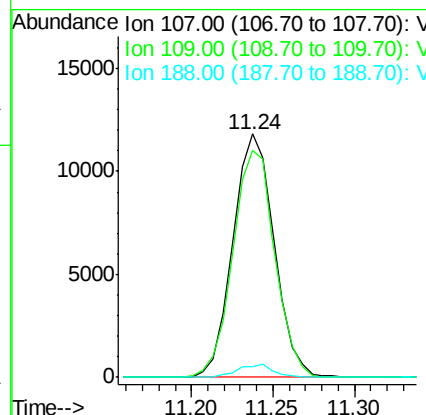
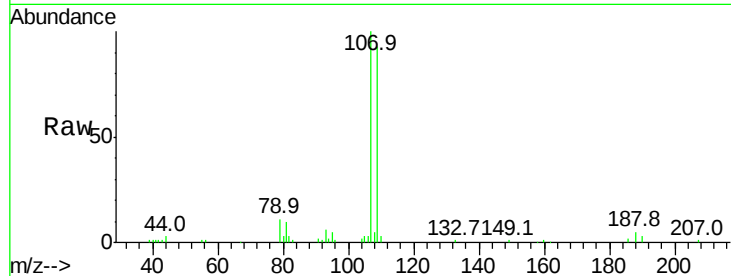




#51
1,2-Dibromoethane
Concen: 5.141 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW005937.D
Acq: 09 Oct 2018 12:01

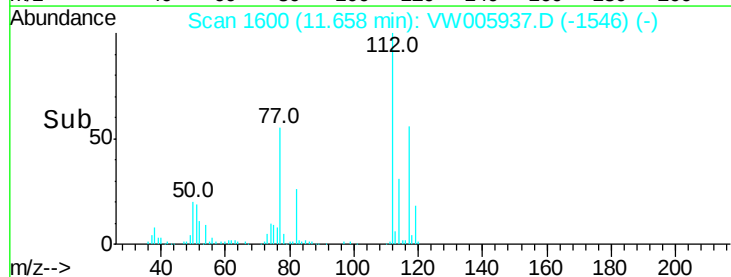
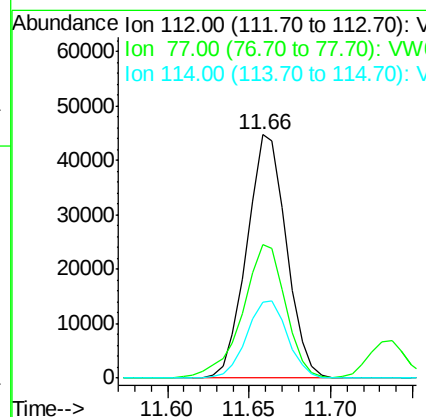
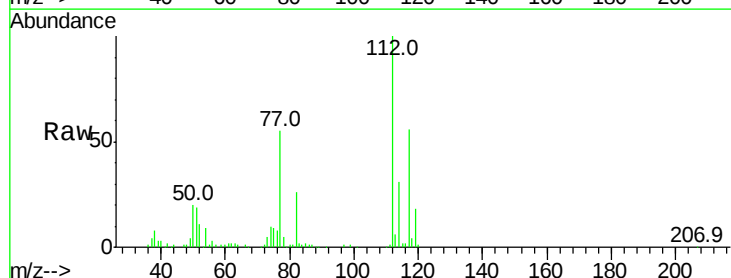
Instrument :
MSVOA_W
ClientSampleId :
VSTD00595

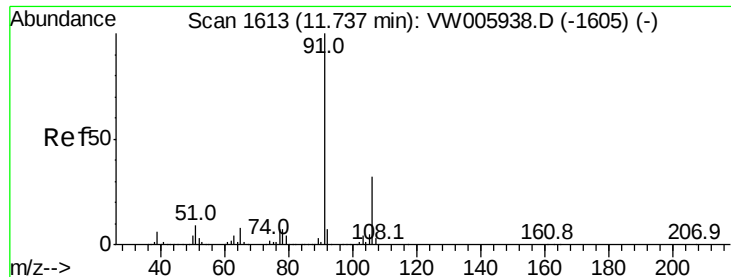
Tgt Ion:107 Resp: 20811
Ion Ratio Lower Upper
107 100
109 93.2 66.6 123.8
188 4.6 3.4 5.0



#52
Chlorobenzene
Concen: 5.005 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW005937.D
Acq: 09 Oct 2018 12:01

Tgt Ion:112 Resp: 75761
Ion Ratio Lower Upper
112 100
77 54.9 44.2 66.2
114 31.0 22.1 41.1

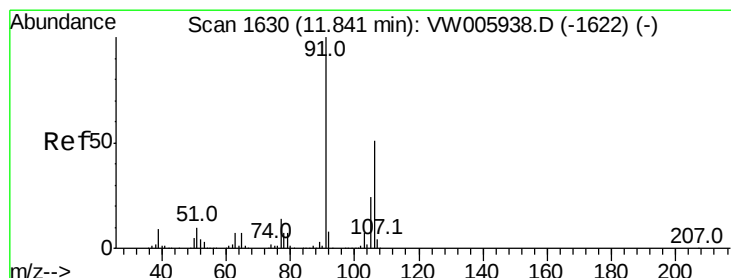
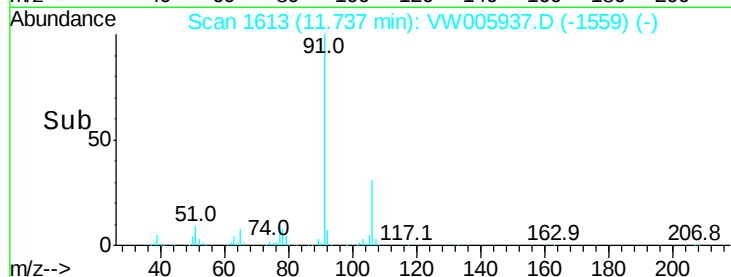
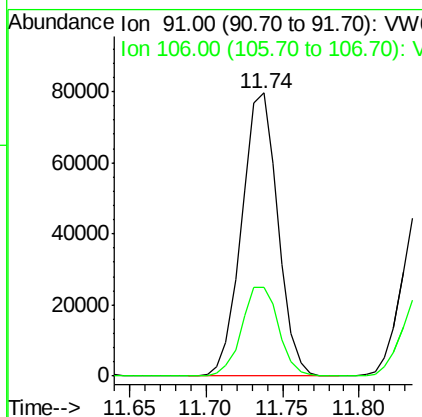
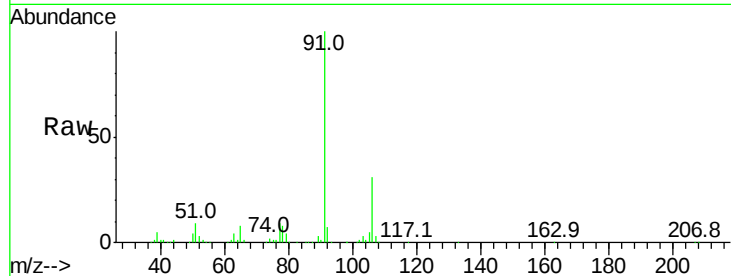




#53
Ethylbenzene
Concen: 4.949 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005937.D
Acq: 09 Oct 2018 12:01

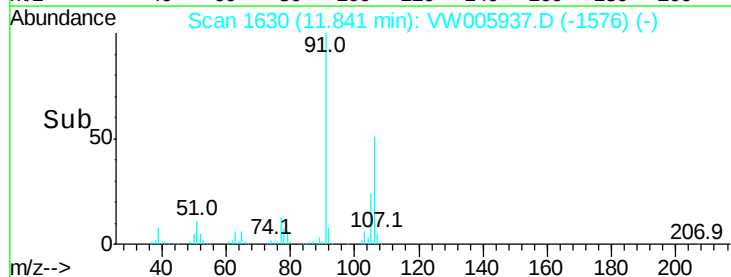
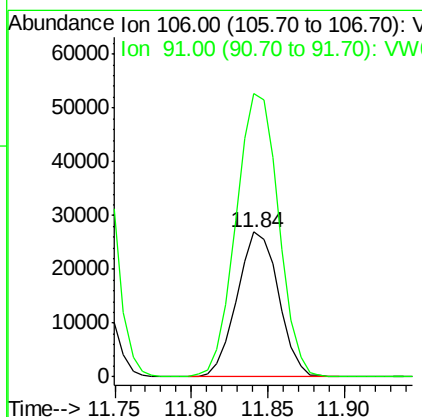
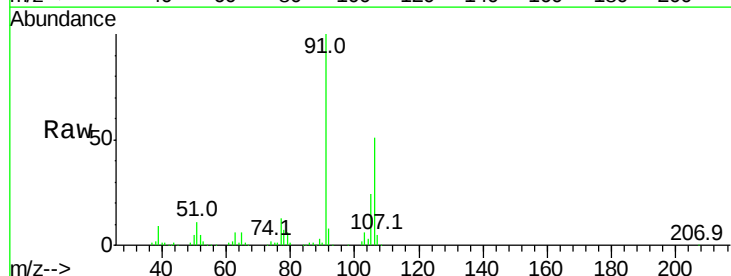
Instrument :
MSVOA_W
ClientSampleId :
VSTD00595

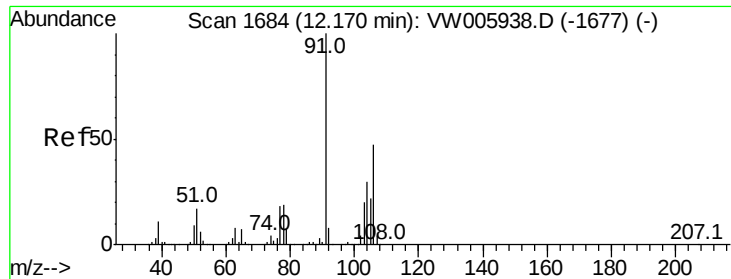
Tgt Ion: 91 Resp: 130392
Ion Ratio Lower Upper
91 100
106 31.3 22.6 42.0



#54
m,p-Xylene
Concen: 5.132 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005937.D
Acq: 09 Oct 2018 12:01

Tgt Ion: 106 Resp: 50932
Ion Ratio Lower Upper
106 100
91 195.8 138.4 257.0

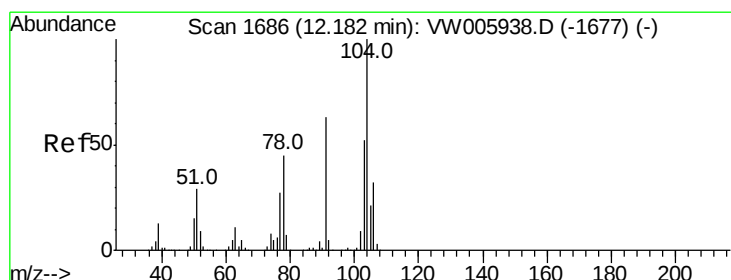
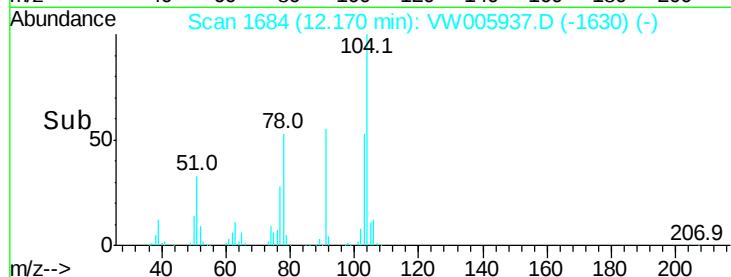
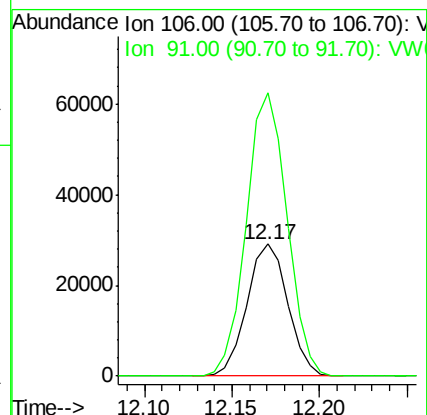
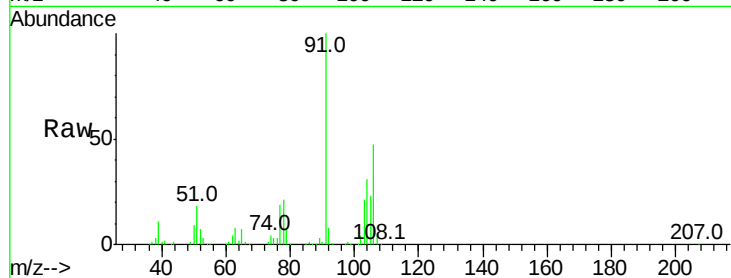




#55
o-xylene
Concen: 5.073 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005937.D
Acq: 09 Oct 2018 12:01

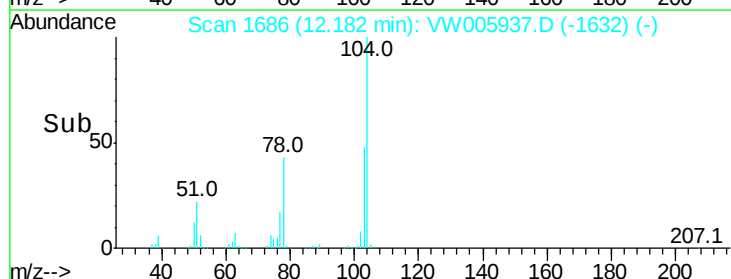
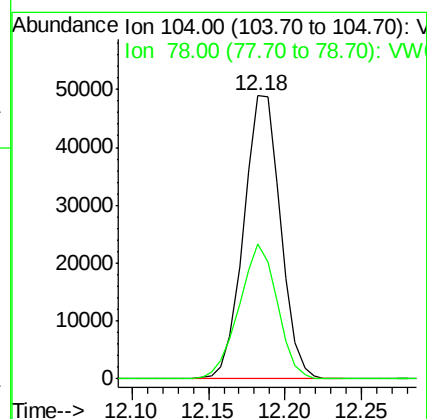
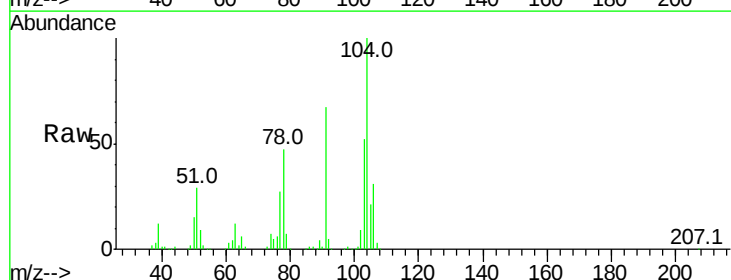
Instrument :
MSVOA_W
ClientSampleId :
VSTD00595

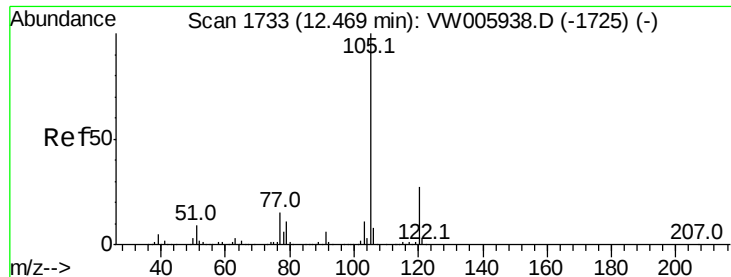
Tgt Ion:106 Resp: 47457
Ion Ratio Lower Upper
106 100
91 214.4 148.7 276.1



#56
Styrene
Concen: 4.975 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW005937.D
Acq: 09 Oct 2018 12:01

Tgt Ion:104 Resp: 81676
Ion Ratio Lower Upper
104 100
78 47.5 31.2 58.0





#57

Isopropylbenzene

Concen: 4.969 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

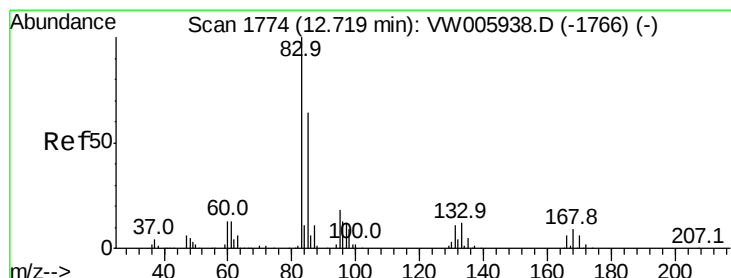
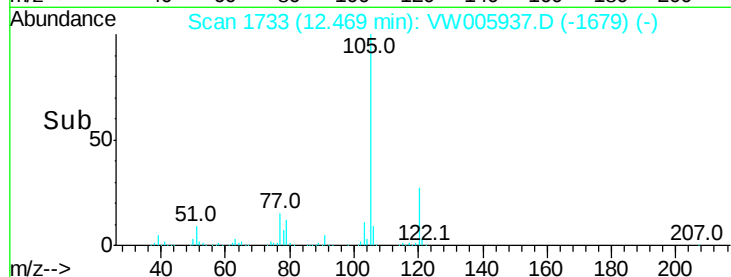
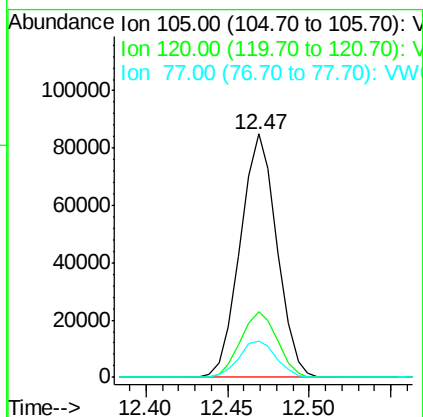
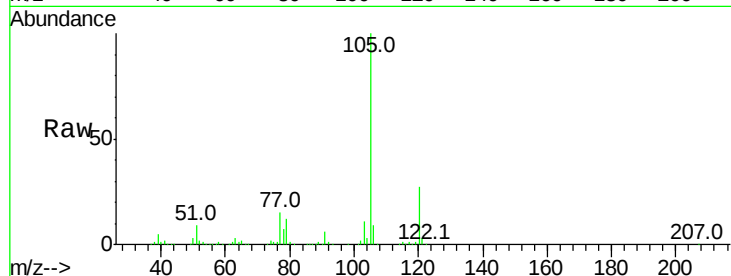
Instrument :

MSVOA_W

ClientSampled :

VSTD00595

Tgt Ion:	105	Resp:	132771
Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.8	32.6
77	15.4	12.2	18.2



#58

1,1,2,2-Tetrachloroethane

Concen: 4.660 ug/L

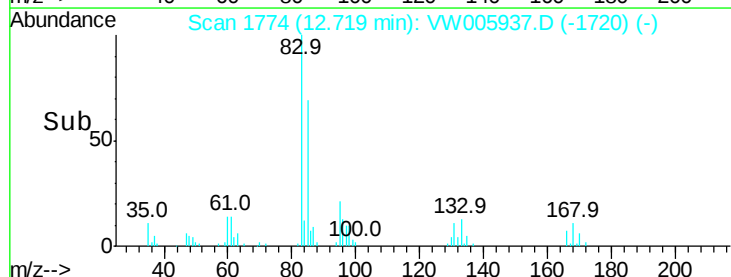
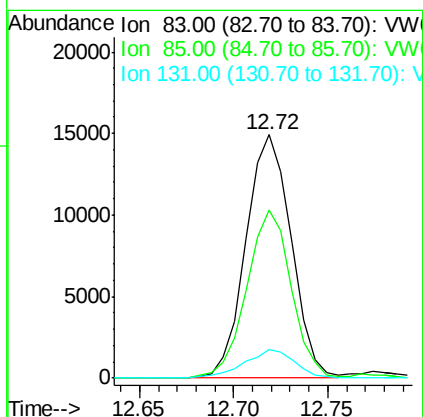
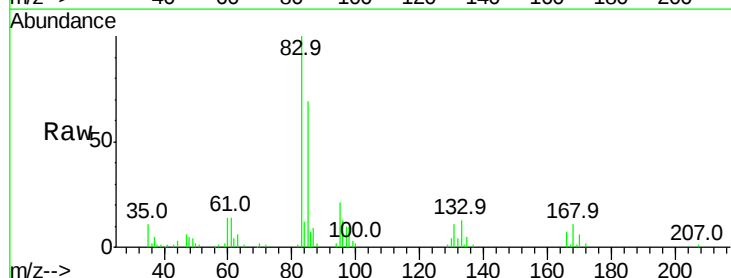
RT: 12.72 min Scan# 1774

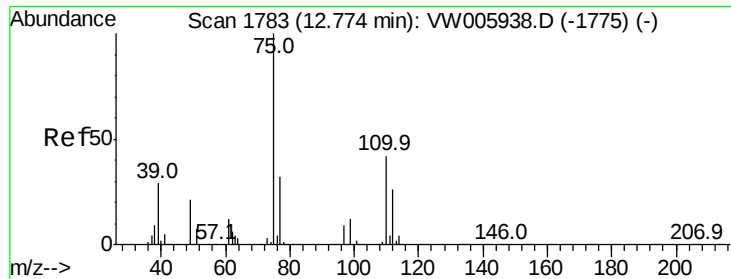
Delta R.T. -0.00 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

Tgt Ion:	83	Resp:	24891
Ion	Ratio	Lower	Upper
83	100		
85	68.9	44.8	83.2
131	11.5	9.0	13.4





#59

1,2,3-Trichloropropane

Concen: 4.318 ug/L

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

Instrument :

MSVOA_W

ClientSampleId :

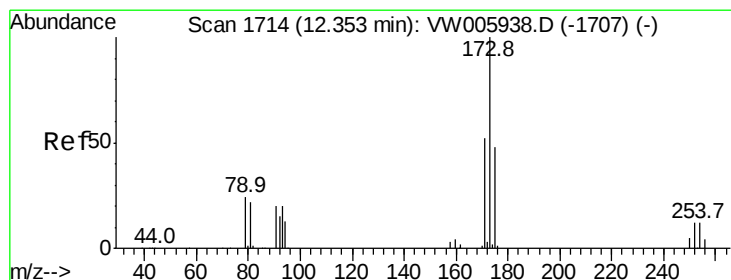
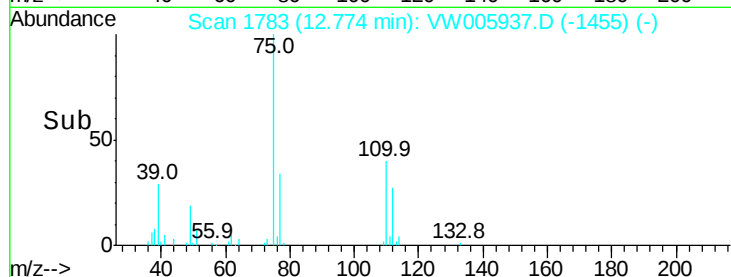
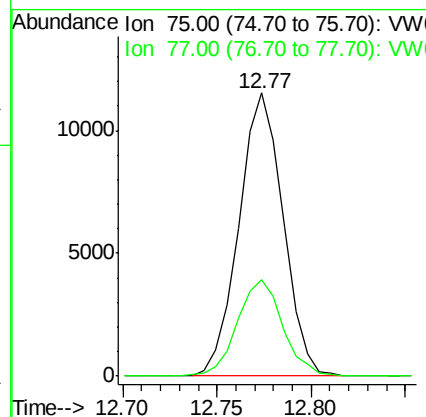
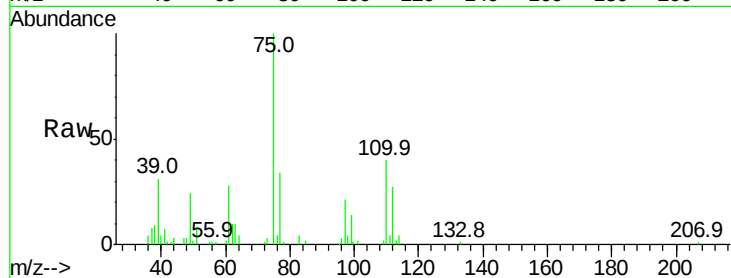
VSTD00595

Tgt Ion: 75 Resp: 18720

Ion Ratio Lower Upper

75 100

77 34.9 25.9 38.9



#62

Bromoform

Concen: 4.573 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

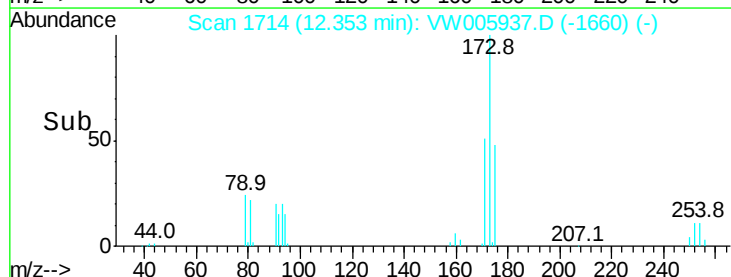
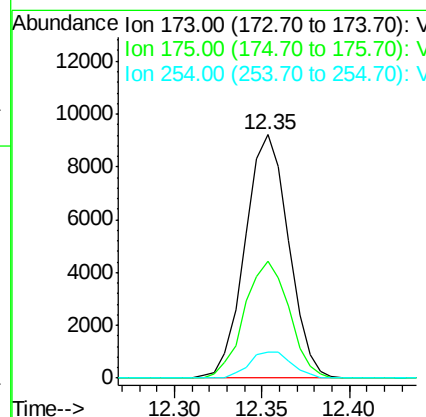
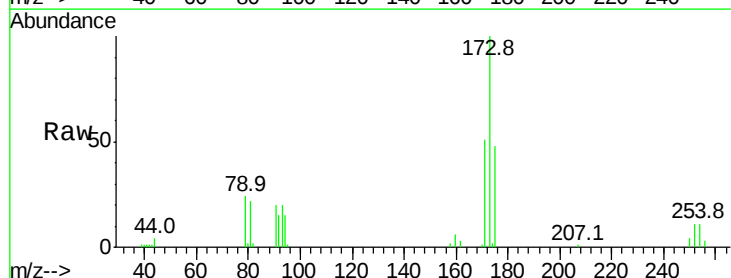
Tgt Ion: 173 Resp: 15953

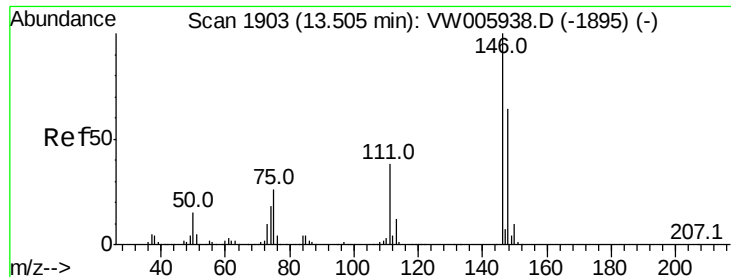
Ion Ratio Lower Upper

173 100

175 49.0 39.1 58.7

254 10.4 9.2 13.8

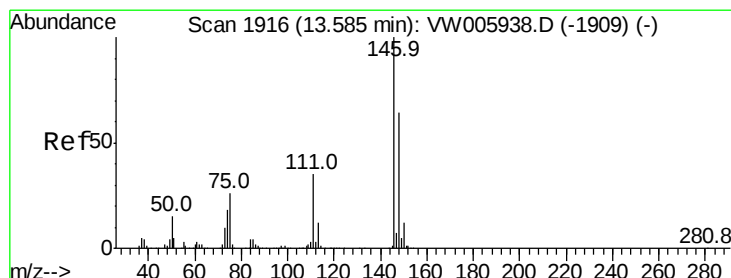
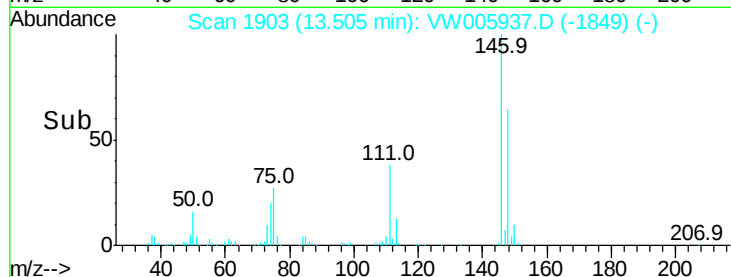
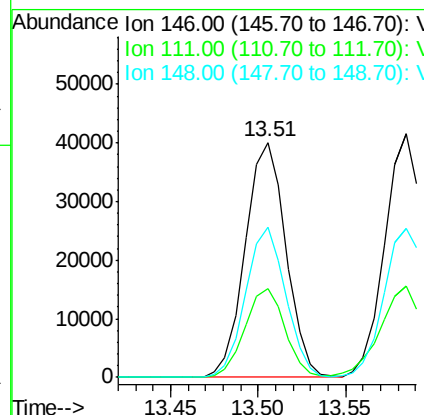
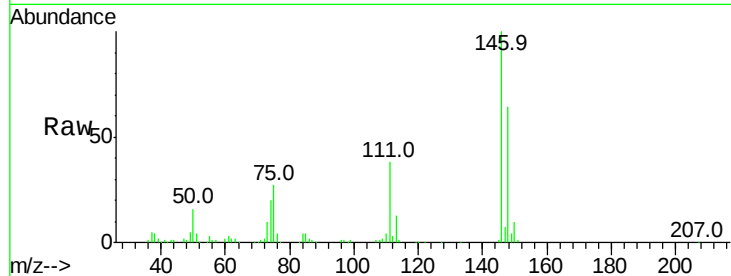




#63
 1,3-Dichlorobenzene
 Concen: 5.200 ug/L
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005937.D
 Acq: 09 Oct 2018 12:01

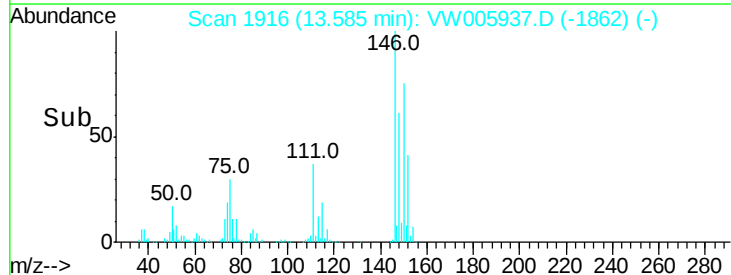
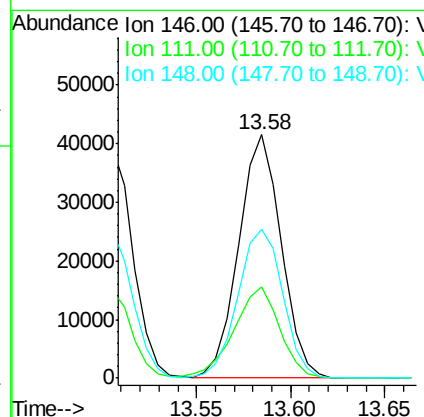
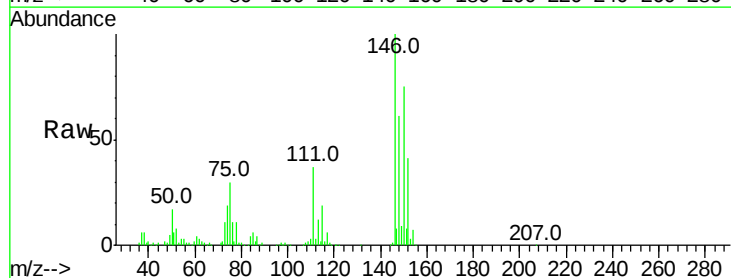
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00595

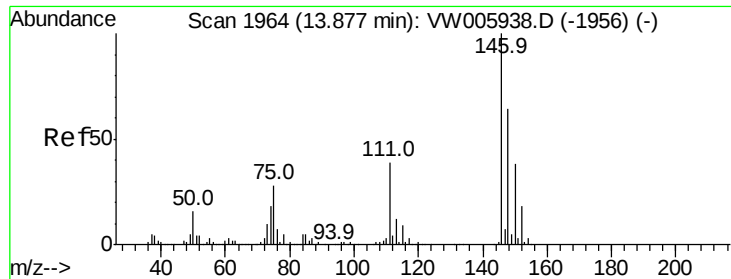
Tgt Ion:146 Resp: 64796
 Ion Ratio Lower Upper
 146 100
 111 37.9 26.3 48.9
 148 64.0 44.7 82.9



#64
 1,4-Dichlorobenzene
 Concen: 5.007 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005937.D
 Acq: 09 Oct 2018 12:01

Tgt Ion:146 Resp: 65149
 Ion Ratio Lower Upper
 146 100
 111 37.5 24.7 45.9
 148 61.3 44.9 83.5

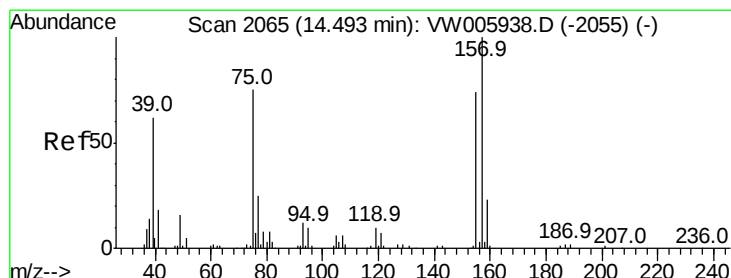
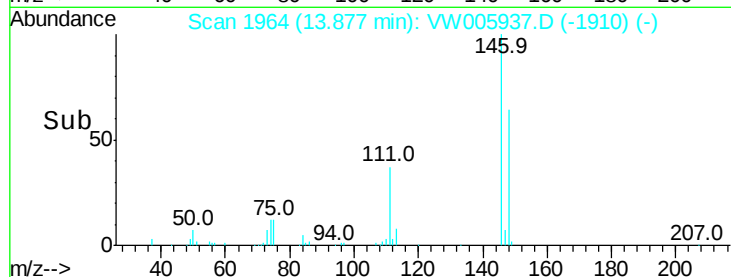
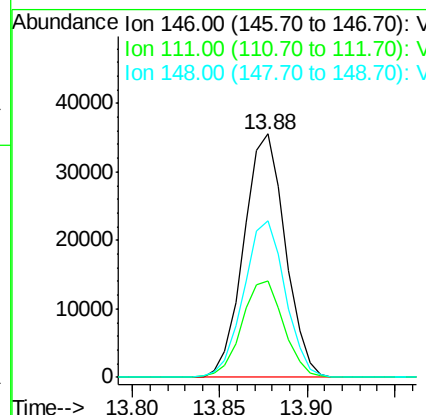
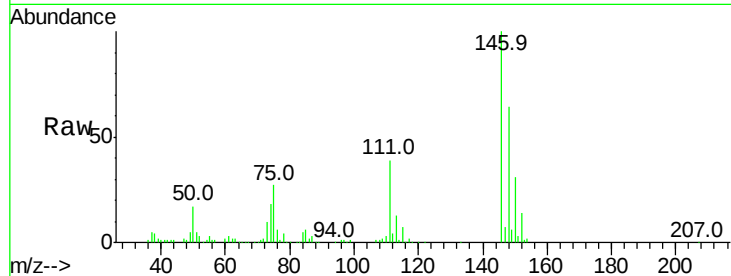




#65
 1,2-Dichlorobenzene
 Concen: 4.884 ug/L
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005937.D
 Acq: 09 Oct 2018 12:01

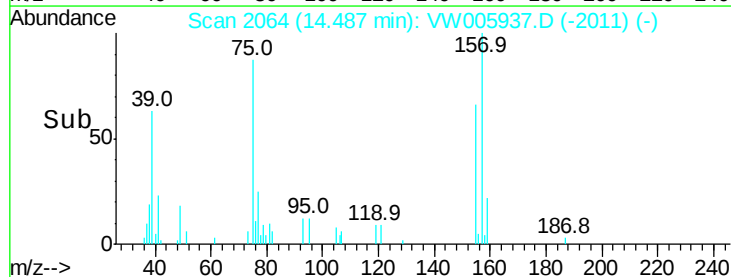
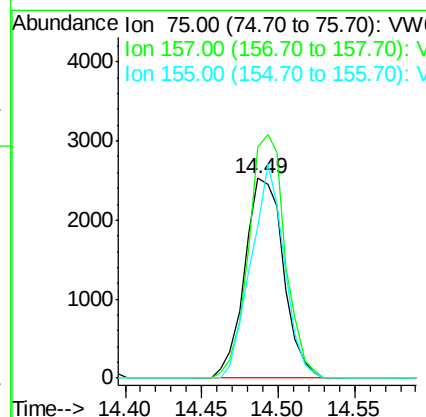
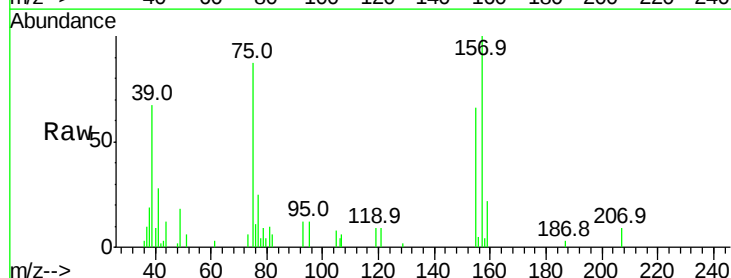
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00595

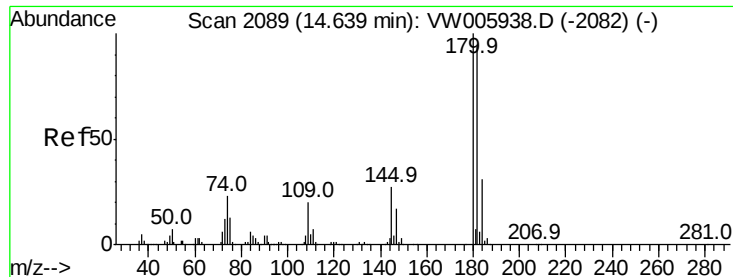
Tgt Ion:146 Resp: 58556
 Ion Ratio Lower Upper
 146 100
 111 39.3 31.1 46.7
 148 64.4 51.2 76.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 3.897 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW005937.D
 Acq: 09 Oct 2018 12:01

Tgt Ion: 75 Resp: 4443
 Ion Ratio Lower Upper
 75 100
 157 115.2 106.8 160.2
 155 75.9 79.2 118.8#

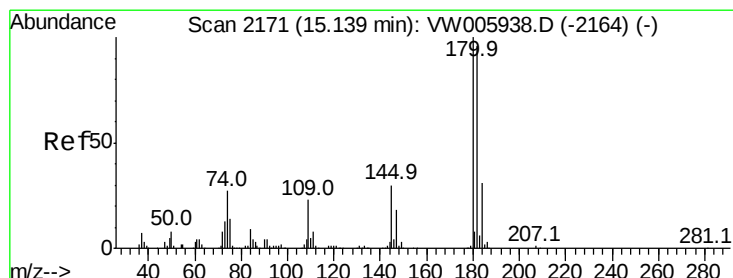
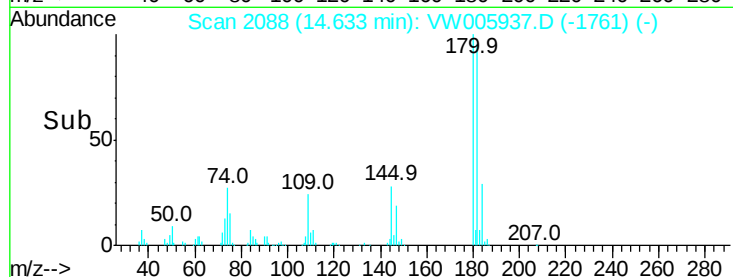
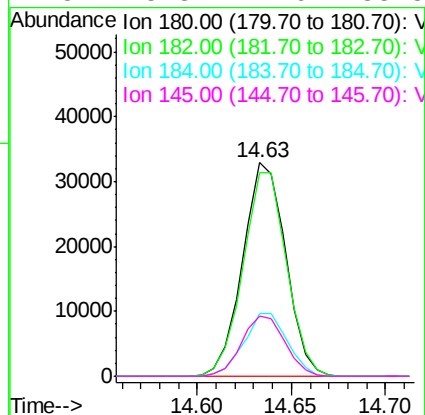
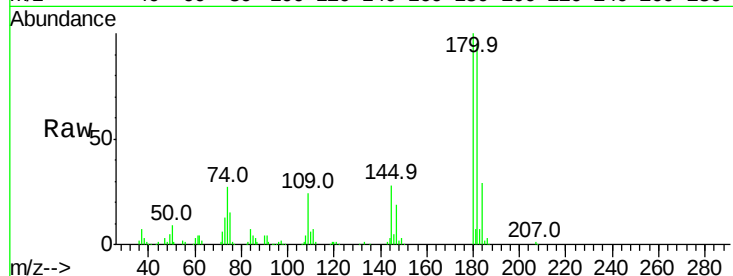




#67
 1,3,5-Trichlorobenzene
 Concen: 5.094 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: VW005937.D
 Acq: 09 Oct 2018 12:01

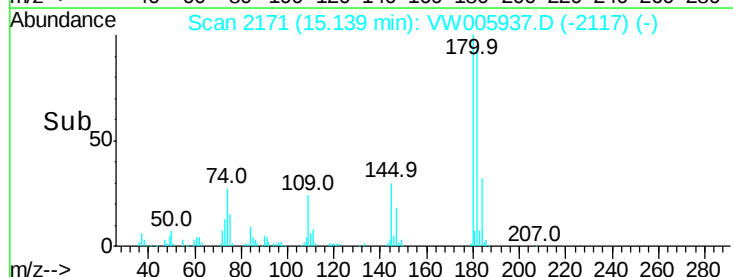
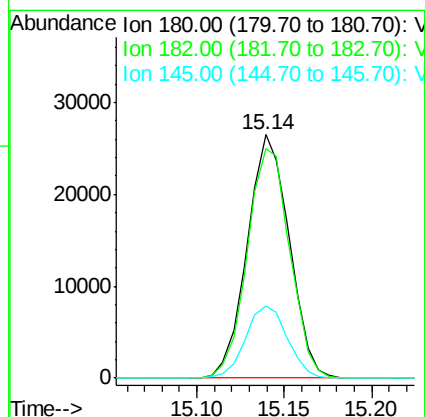
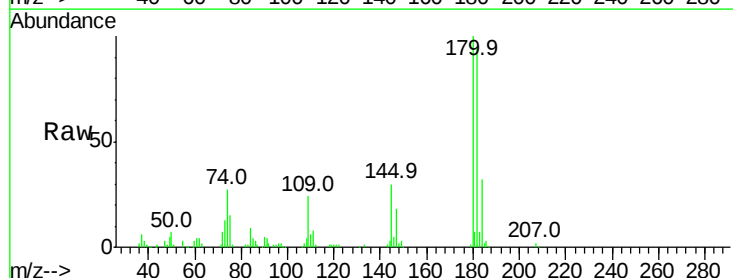
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00595

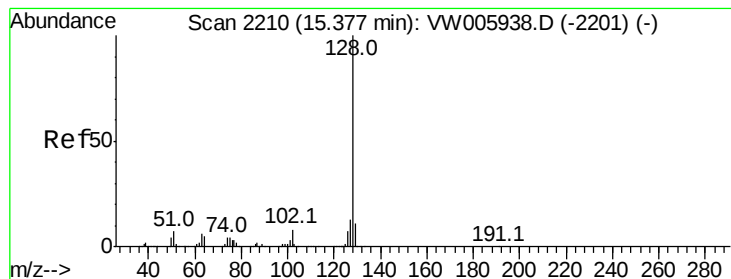
Tgt Ion:	180	Resp:	52088
Ion Ratio	Lower	Upper	
180	100		
182	96.6	76.0	114.0
184	29.8	24.3	36.5
145	28.3	22.6	33.8



#68
 1,2,4-trichlorobenzene
 Concen: 5.261 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW005937.D
 Acq: 09 Oct 2018 12:01

Tgt Ion:	180	Resp:	44196
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.2	114.2
145	29.5	23.0	34.6





#69

Naphthalene

Concen: 5.153 ug/L

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

Instrument :

MSVOA_W

ClientSampleId :

VSTD00595

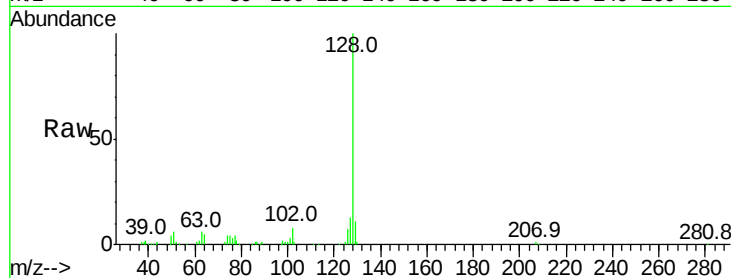
Tgt Ion:128 Resp: 86731

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

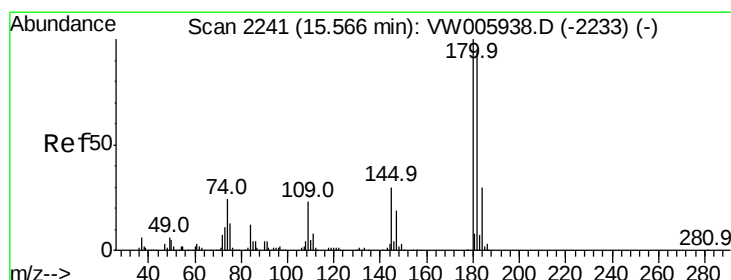
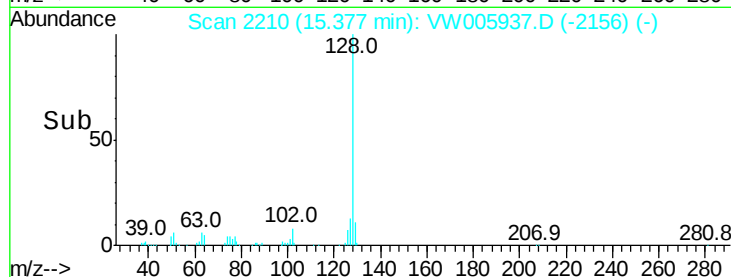
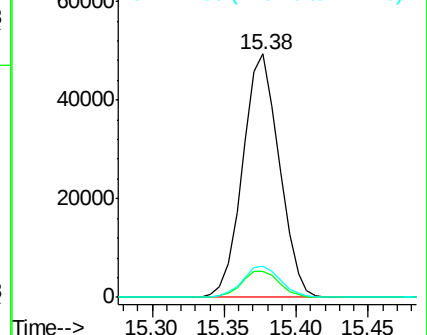
127 13.1 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.080 ug/L

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW005937.D

Acq: 09 Oct 2018 12:01

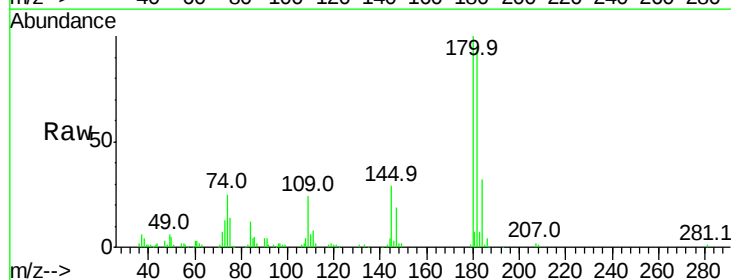
Tgt Ion:180 Resp: 39998

Ion Ratio Lower Upper

180 100

182 96.1 75.5 113.3

145 30.8 24.5 36.7



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

