

Data Path : Y:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002292.D
 Acq On : 05 Jun 2018 06:18
 Operator : JC/MD
 Sample : J3269-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MS

Quant Time: Jun 05 07:26:02 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	346933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214616	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176193	62.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.14%	
35) Dibromofluoromethane	5.51	113	133117	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	8.72	98	485987	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
62) 4-Bromofluorobenzene	11.14	95	193512	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	72771	34.79	ug/l	98
3) Chloromethane	1.32	50	143992	60.70	ug/l	99
4) Vinyl Chloride	1.41	62	134358	50.97	ug/l	98
5) Bromomethane	1.64	94	94130	64.03	ug/l	99
6) Chloroethane	1.72	64	94622	55.49	ug/l	98
7) Trichlorofluoromethane	1.92	101	176739	44.00	ug/l	99
8) Diethyl Ether	2.19	74	99712	70.86	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78671	36.30	ug/l	98
10) Methyl Iodide	2.51	142	190909	62.62	ug/l	99
11) Tert butyl alcohol	3.09	59	184111	317.56	ug/l	98
12) 1,1-Dichloroethene	2.37	96	108877	50.83	ug/l	98
13) Acrolein	2.30	56	96200	340.24	ug/l	98
14) Allyl chloride	2.73	41	251092	54.01	ug/l	99
15) Acrylonitrile	3.15	53	424716	350.72	ug/l	100
16) Acetone	2.45	43	392888	323.10	ug/l	100
17) Carbon Disulfide	2.57	76	263336	46.64	ug/l	99
18) Methyl Acetate	2.78	43	182507	64.07	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	520537	70.78	ug/l	100
20) Methylene Chloride	2.86	84	154314	68.87	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	129417	54.79	ug/l	97
22) Diisopropyl ether	3.88	45	487521	63.17	ug/l	100
23) Vinyl Acetate	3.83	43	1897301	251.77	ug/l	99
24) 1,1-Dichloroethane	3.70	63	242712	52.83	ug/l	99
25) 2-Butanone	4.71	43	561142	284.43	ug/l	99
26) 2,2-Dichloropropane	4.59	77	125405	34.92	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	144088	56.09	ug/l	94
28) Bromochloromethane	5.03	49	135617	70.89	ug/l	99
29) Tetrahydrofuran	5.17	42	369178	290.24	ug/l	99
30) Chloroform	5.22	83	256600	57.88	ug/l	96
31) Cyclohexane	5.58	56	138820	38.21	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	199198	52.98	ug/l	100
36) 1,1-Dichloropropene	5.81	75	154941	42.48	ug/l	99
37) Ethyl Acetate	4.87	43	204525	46.63	ug/l	99
38) Carbon Tetrachloride	5.79	117	158408	41.52	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	123760	27.58	ug/l	97
40) Benzene	6.15	78	550409	49.22	ug/l	99
41) Methacrylonitrile	5.07	41	130938	52.15	ug/l	99
42) 1,2-Dichloroethane	6.20	62	230722	51.93	ug/l	100
43) Isopropyl Acetate	6.47	43	356280	47.82	ug/l	100
44) Trichloroethene	7.22	130	149330	48.11	ug/l	99
45) 1,2-Dichloropropane	7.52	63	151961	50.33	ug/l	99
46) Dibromomethane	7.67	93	104833	51.22	ug/l	98
47) Bromodichloromethane	7.90	83	189700	51.25	ug/l	99
48) Methyl methacrylate	7.78	41	195800	52.32	ug/l	99
49) 1,4-Dioxane	7.76	88	70165	1002.77	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1227275	264.53	ug/l	100
52) Toluene	8.79	92	350217	49.24	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	216277	48.72	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	204100	48.74	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	154667	52.87	ug/l	99
56) Ethyl methacrylate	9.18	69	243659	52.17	ug/l	99
57) 1,3-Dichloropropane	9.38	76	257229	52.41	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	446	0.21	ug/l #	48
59) 2-Hexanone	9.50	43	937369	261.57	ug/l	99
60) Dibromochloromethane	9.59	129	158401	53.83	ug/l	99
61) 1,2-Dibromoethane	9.68	107	164360	53.88	ug/l	100
64) Tetrachloroethene	9.34	164	151570	42.62	ug/l	99
65) Chlorobenzene	10.14	112	415435	48.42	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	154616	49.77	ug/l	100
67) Ethyl Benzene	10.26	91	681111	47.44	ug/l	98
68) m/p-Xylenes	10.37	106	534634	95.79	ug/l	98
69) o-Xylene	10.70	106	274167	49.36	ug/l	98
70) Styrene	10.71	104	439774	48.43	ug/l	99
71) Bromoform	10.86	173	124387	45.07	ug/l	100
73) Isopropylbenzene	11.02	105	673594	45.12	ug/l	100
74) N-amyl acetate	6.47	43	356280	44.29	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	235627	50.18	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	271722	57.70	ug/l	79
77) Bromobenzene	11.26	156	205172	48.95	ug/l	99
78) n-propylbenzene	11.37	91	748973	45.14	ug/l	100
79) 2-Chlorotoluene	11.43	91	488503	46.62	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	597342	46.65	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	56650	42.17	ug/l	96
82) 4-Chlorotoluene	11.51	91	574997	47.54	ug/l	100
83) tert-Butylbenzene	11.77	119	569262	45.65	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	630767	47.85	ug/l	99
85) sec-Butylbenzene	11.95	105	644098	44.06	ug/l	99
86) p-Isopropyltoluene	12.07	119	593173	44.55	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	359827	48.01	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	366556	47.45	ug/l	99
89) n-Butylbenzene	12.39	91	470256	42.11	ug/l	100
90) Hexachloroethane	12.60	117	93662	44.06	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	383813	49.50	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52194	50.83	ug/l	99

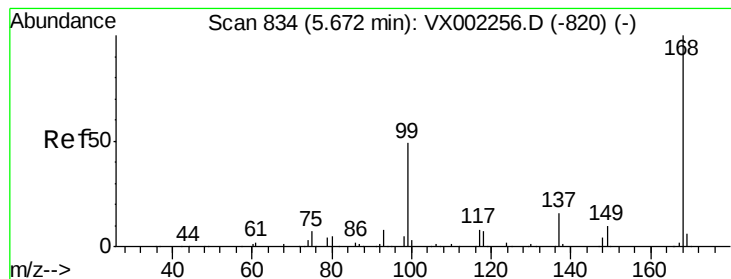
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	255844	47.06	ug/l	99
94) Hexachlorobutadiene	13.79	225	103311	38.45	ug/l	99
95) Naphthalene	13.84	128	813995	52.11	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	274883	49.57	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

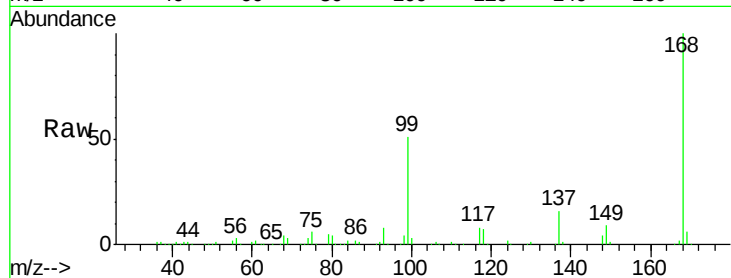
SS052MW750-180531MS

Tot Ion:168 Resp: 201212

Ion Ratio Lower Upper

168 100

99 50.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

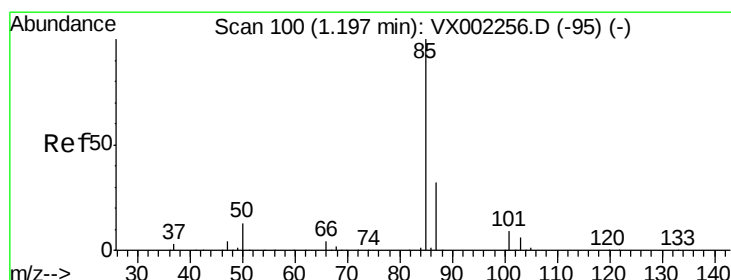
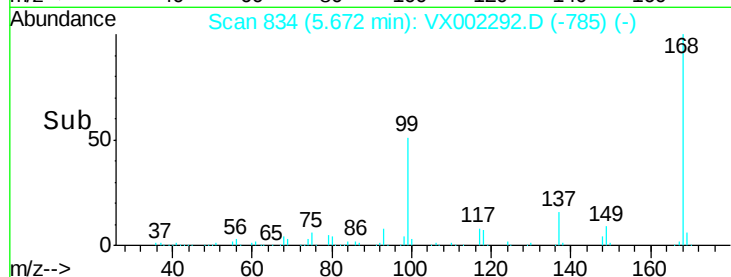
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 34.79 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002292.D

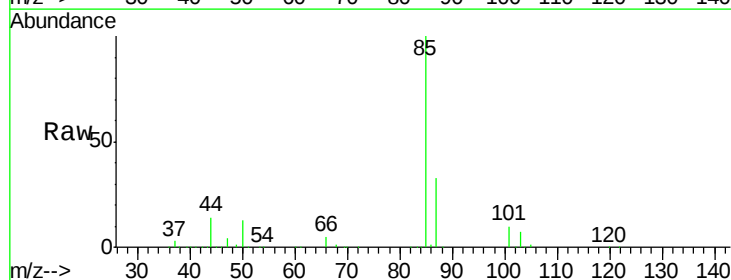
Acq: 05 Jun 2018 06:18

Tgt Ion: 85 Resp: 72771

Ion Ratio Lower Upper

85 100

87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

40000

20000

0

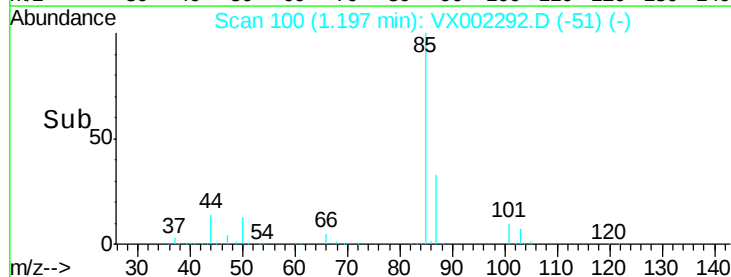
Time-->

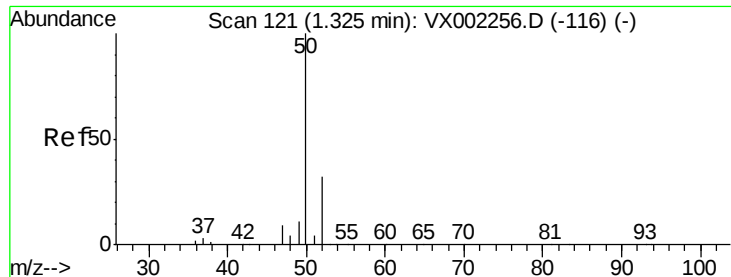
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 60.70 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

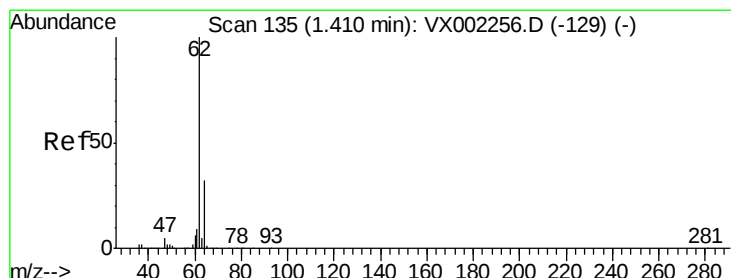
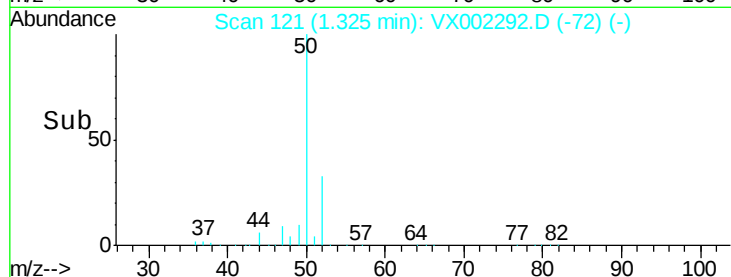
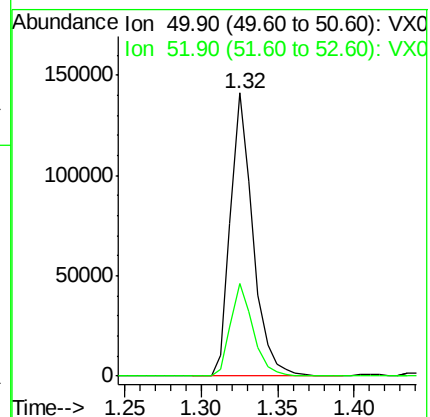
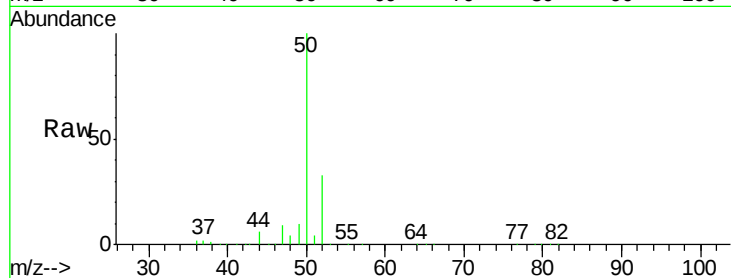
SS052MW750-180531MS

Tot Ion: 50 Resp: 143992

Ion Ratio Lower Upper

50 100

52 32.6 25.7 38.5



#4

Vinyl Chloride

Concen: 50.97 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002292.D

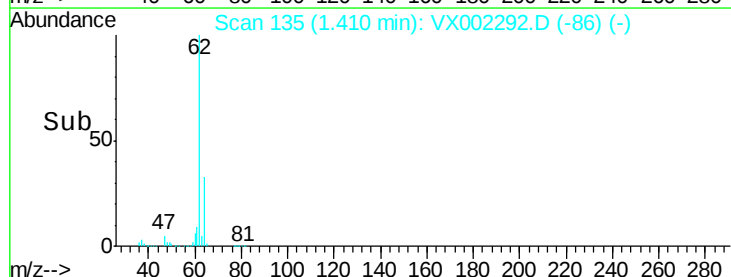
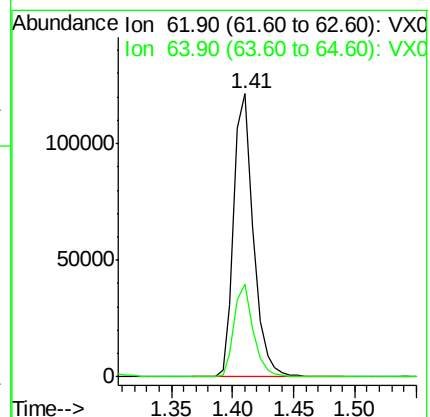
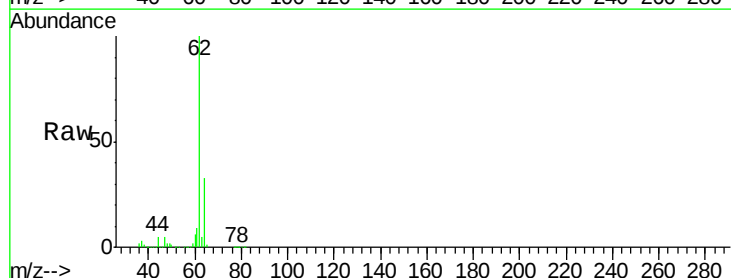
Acq: 05 Jun 2018 06:18

Tgt Ion: 62 Resp: 134358

Ion Ratio Lower Upper

62 100

64 32.9 25.4 38.2





#5

Bromomethane

Concen: 64.03 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

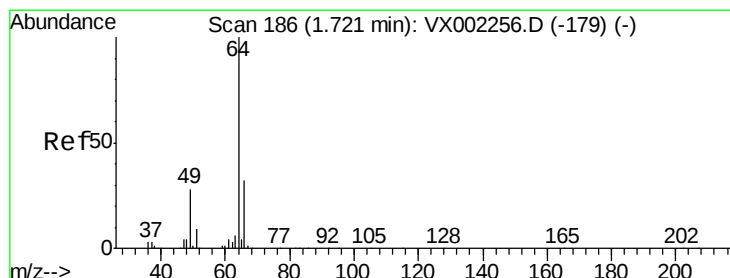
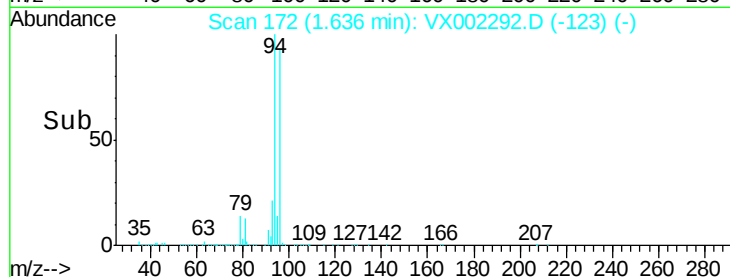
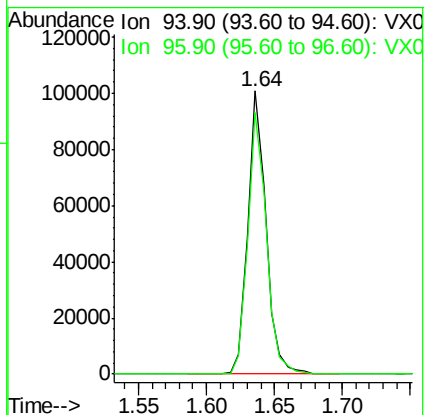
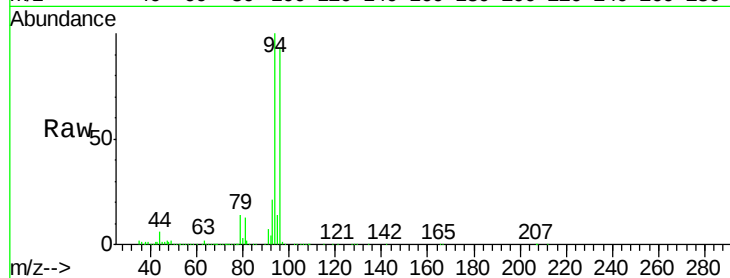
SS052MW750-180531MS

Tot Ion: 94 Resp: 94130

Ion Ratio Lower Upper

94 100

96 92.7 74.9 112.3



#6

Chloroethane

Concen: 55.49 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002292.D

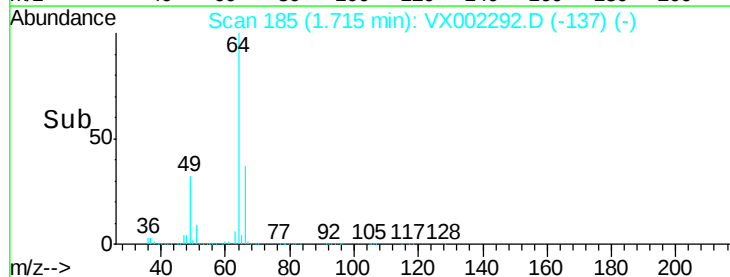
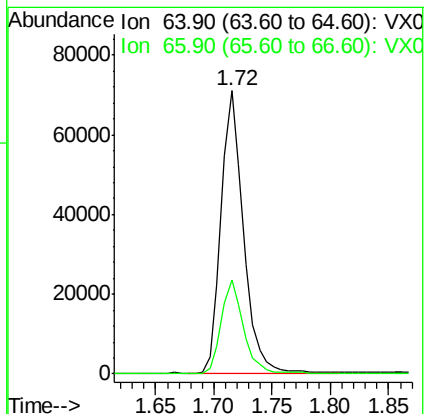
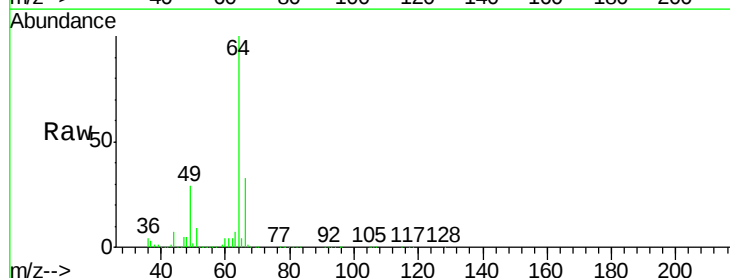
Acq: 05 Jun 2018 06:18

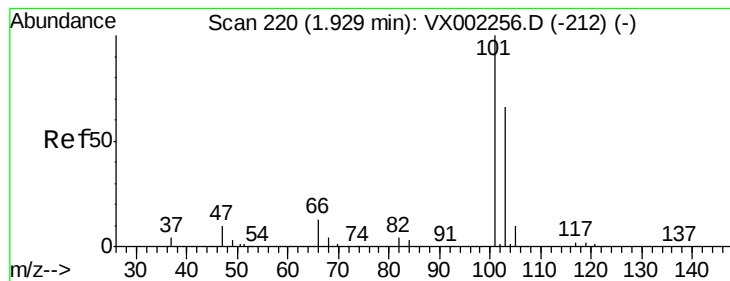
Tgt Ion: 64 Resp: 94622

Ion Ratio Lower Upper

64 100

66 33.1 25.5 38.3



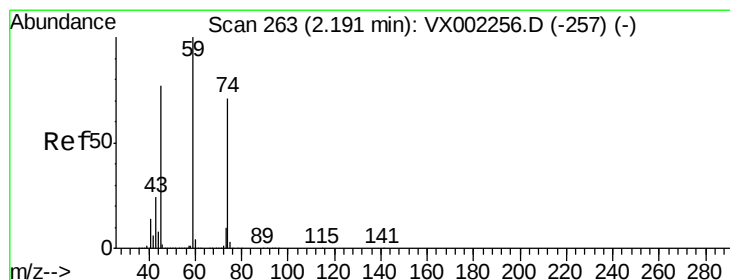
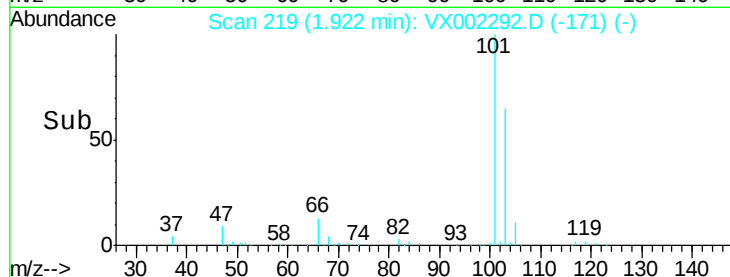
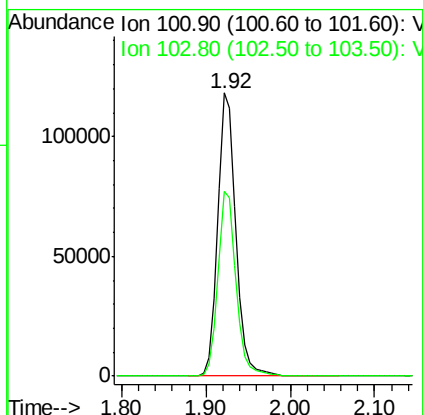
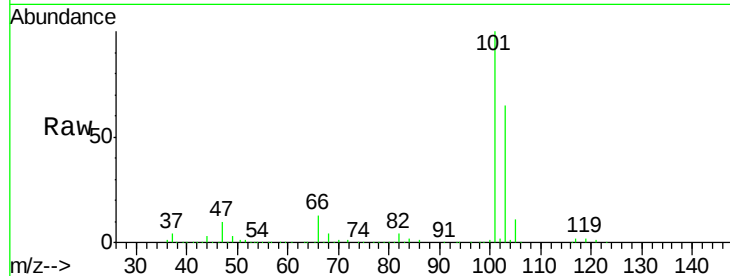


#7

Trichlorofluoromethane
 Concen: 44.00 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX002292.D
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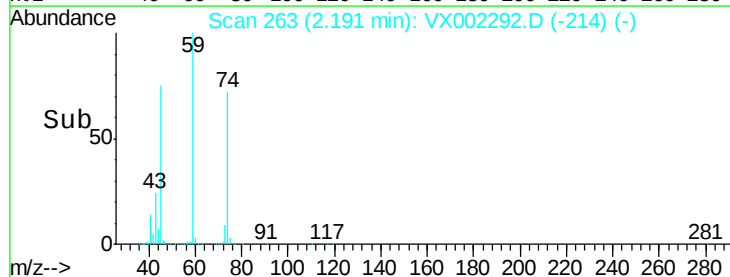
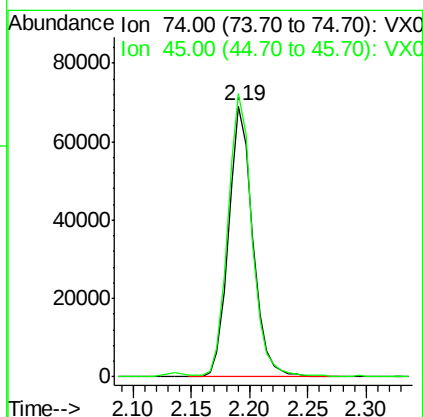
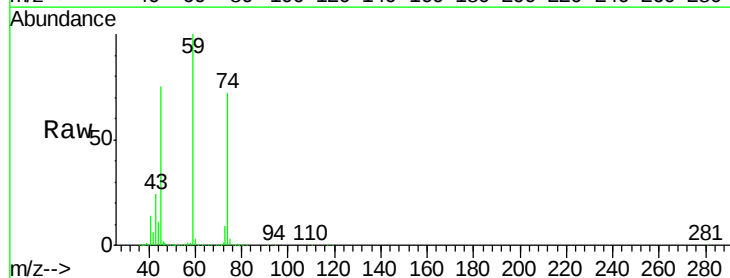
Tot Ion:101 Resp: 176739
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.8 79.2

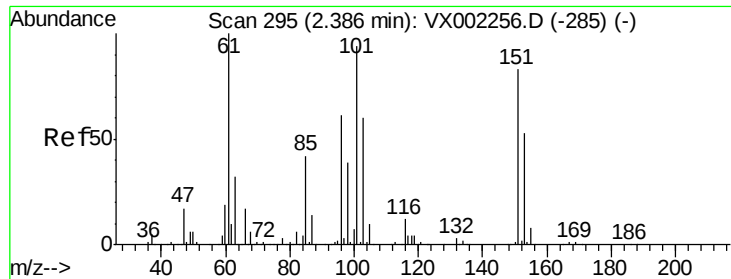


#8

Diethyl Ether
 Concen: 70.86 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002292.D
 Acq: 05 Jun 2018 06:18

Tgt Ion: 74 Resp: 99712
 Ion Ratio Lower Upper
 74 100
 45 104.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 36.30 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MS

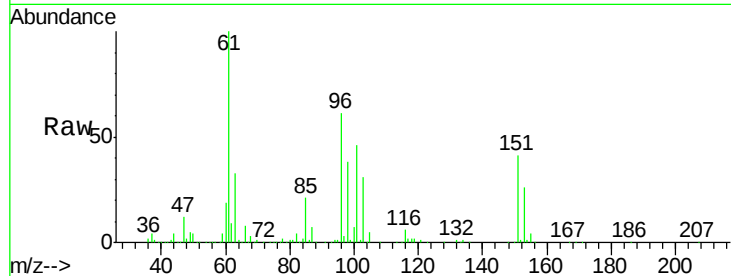
Tot Ion:101 Resp: 78671

Ion Ratio Lower Upper

101 100

85 45.6 36.0 54.0

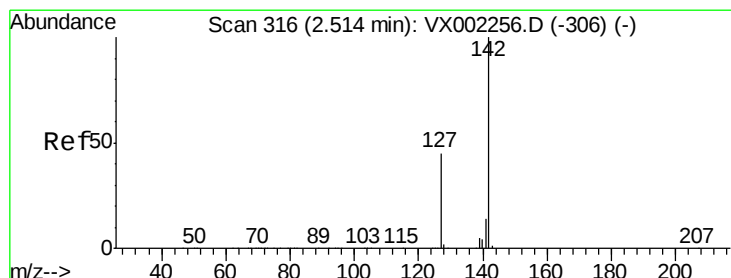
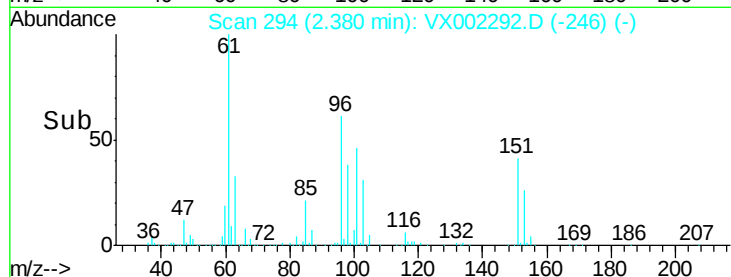
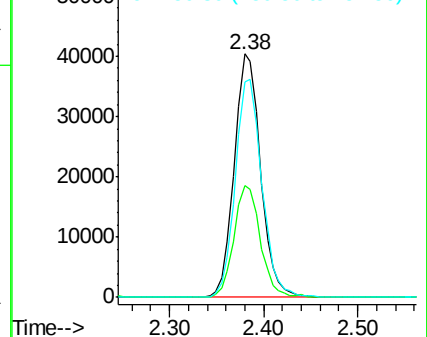
151 90.3 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 62.62 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

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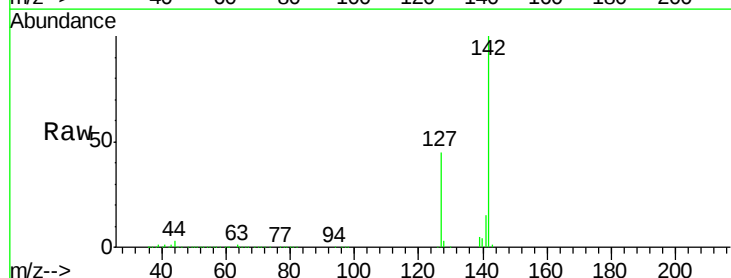
Tgt Ion:142 Resp: 190909

Ion Ratio Lower Upper

142 100

127 46.5 36.6 55.0

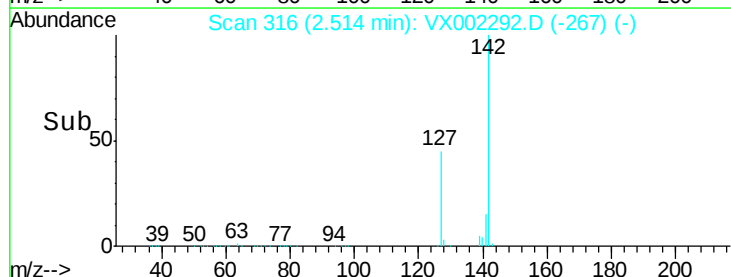
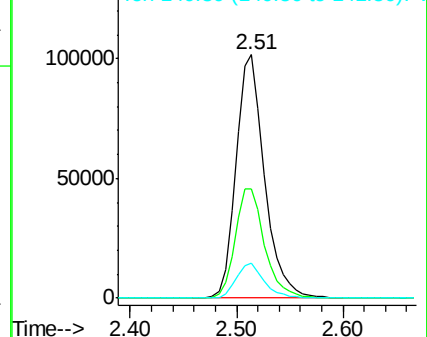
141 14.2 11.3 16.9

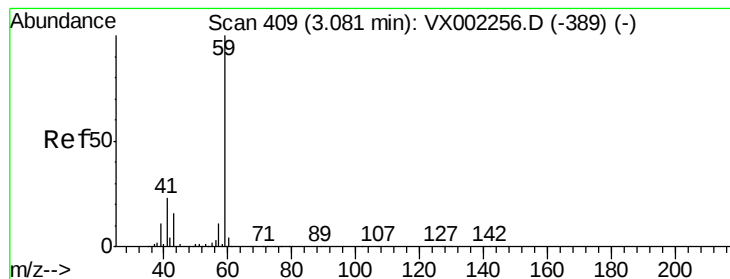


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



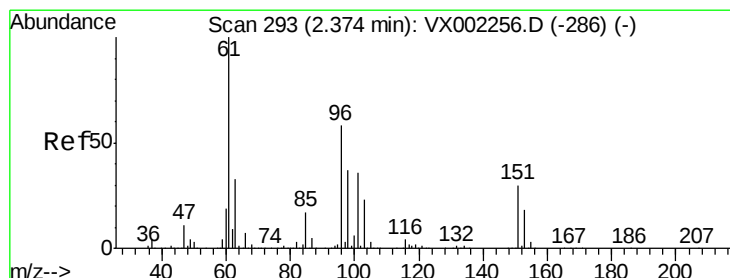
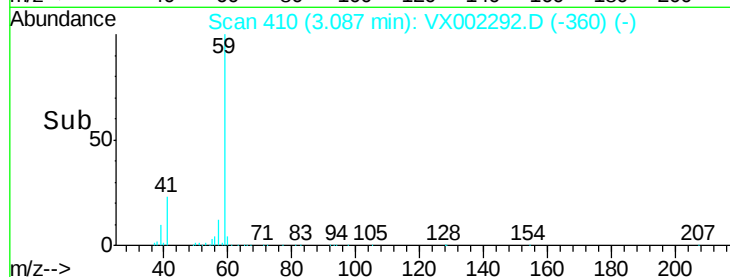
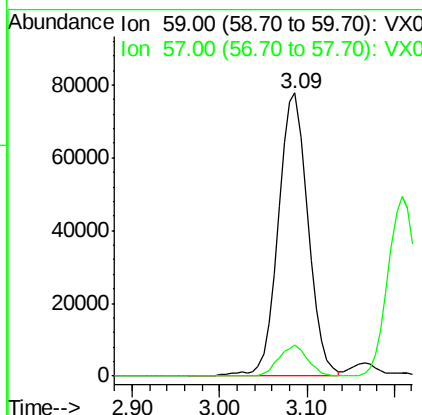
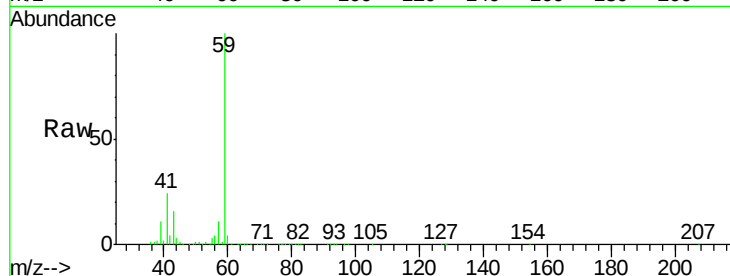


#11

Tert butyl alcohol
 Concen: 317.56 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX002292.D
 Acq: 05 Jun 2018 06:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MS

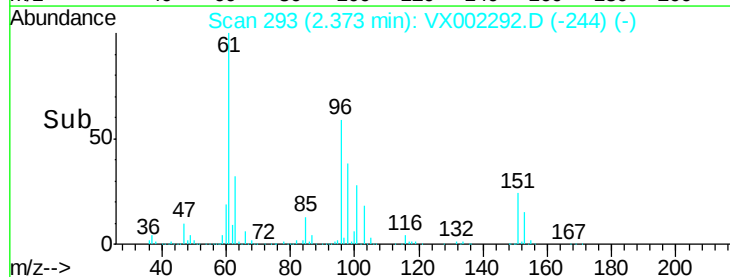
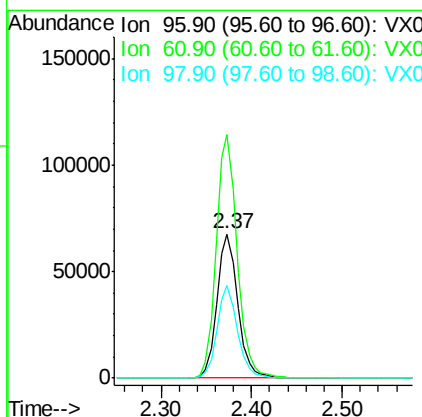
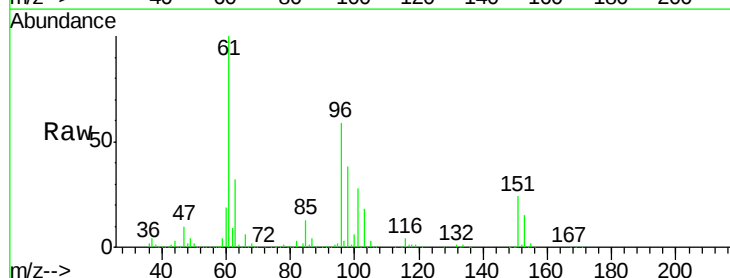
Tot Ion: 59 Resp: 184111
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.2

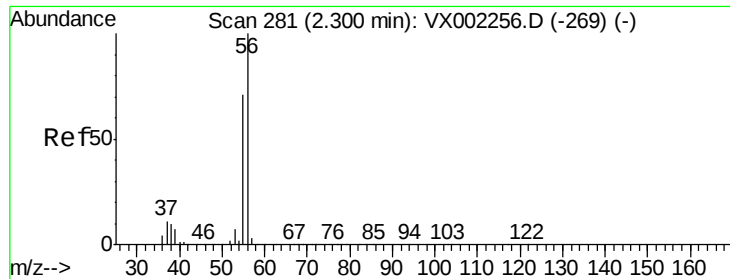


#12

1,1-Dichloroethene
 Concen: 50.83 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002292.D
 Acq: 05 Jun 2018 06:18

Tgt Ion: 96 Resp: 108877
 Ion Ratio Lower Upper
 96 100
 61 168.5 137.9 206.9
 98 64.1 51.6 77.4





#13

Acrolein

Concen: 340.24 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

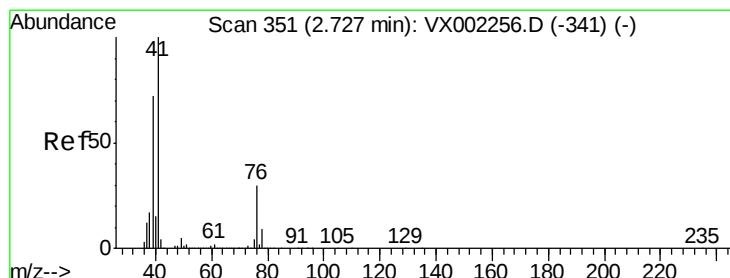
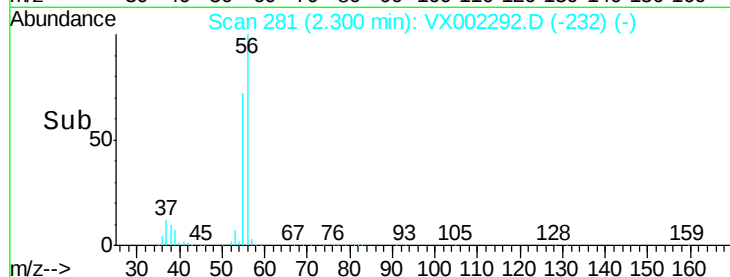
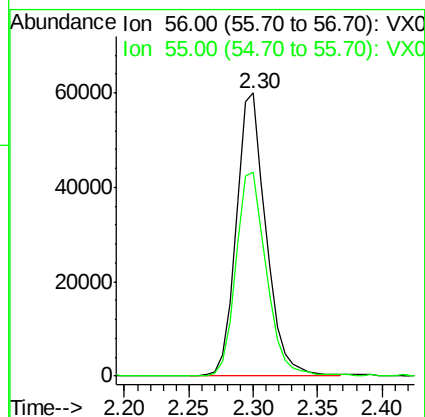
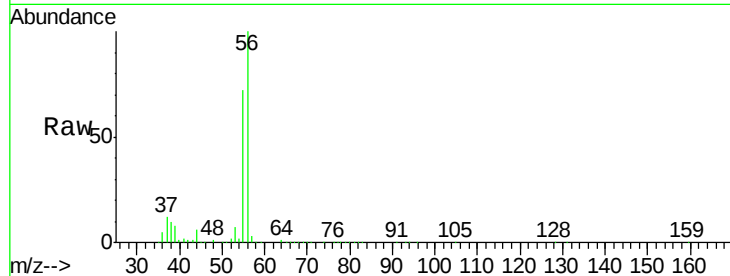
SS052MW750-180531MS

Tot Ion: 56 Resp: 96200

Ion Ratio Lower Upper

56 100

55 72.7 57.0 85.4



#14

Allyl chloride

Concen: 54.01 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

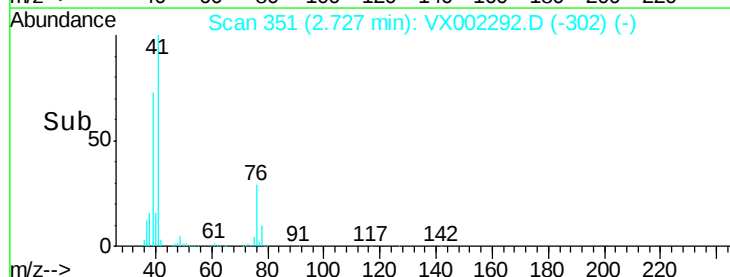
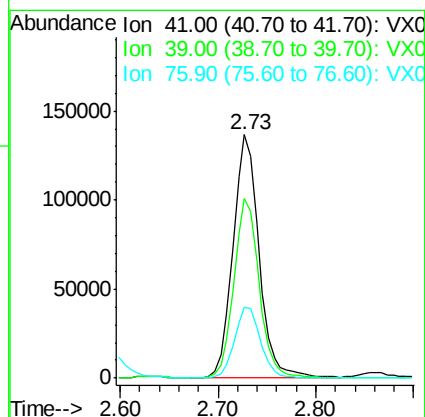
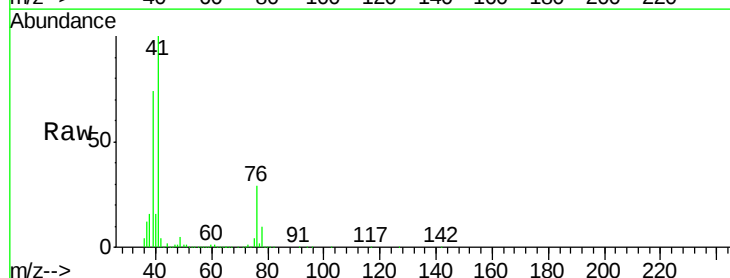
Tgt Ion: 41 Resp: 251092

Ion Ratio Lower Upper

41 100

39 71.3 56.8 85.2

76 29.2 23.8 35.8





#15

Acrylonitrile

Concen: 350.72 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MS

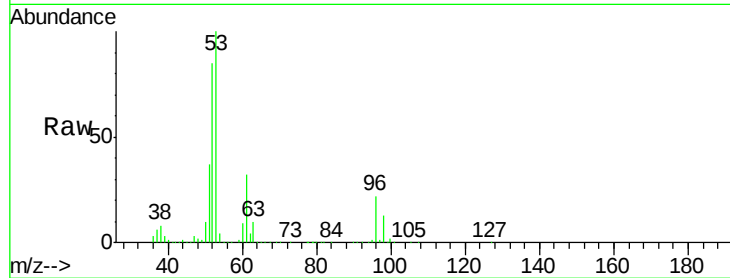
Tot Ion: 53 Resp: 424716

Ion Ratio Lower Upper

53 100

52 83.9 66.7 100.1

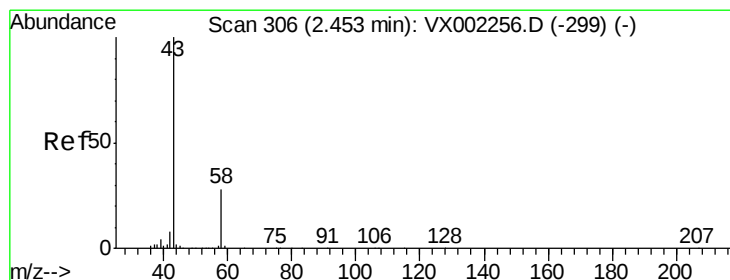
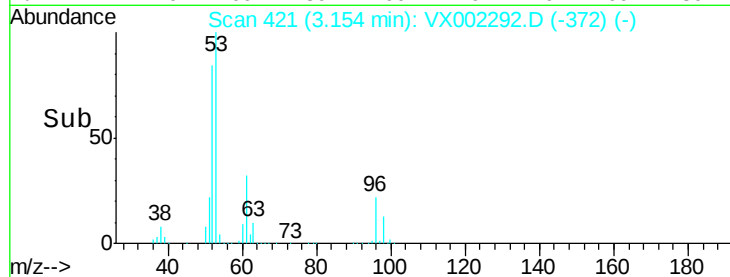
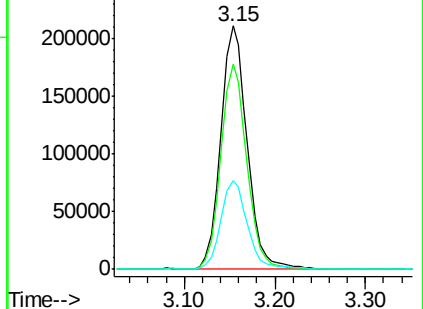
51 37.3 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 323.10 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002292.D

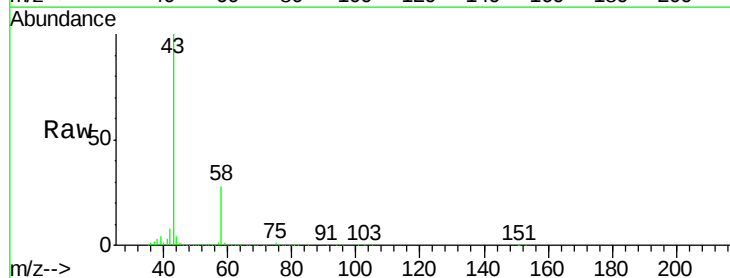
Acq: 05 Jun 2018 06:18

Tgt Ion: 43 Resp: 392888

Ion Ratio Lower Upper

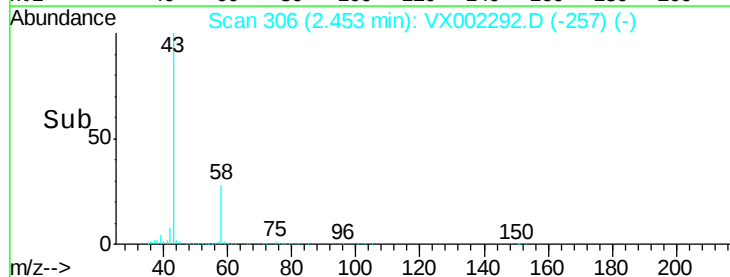
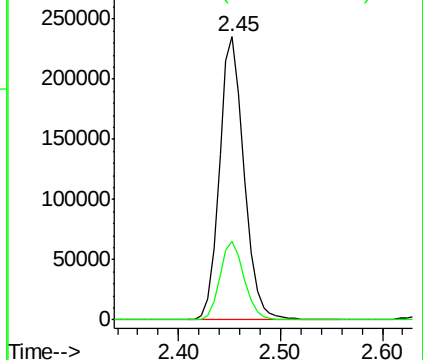
43 100

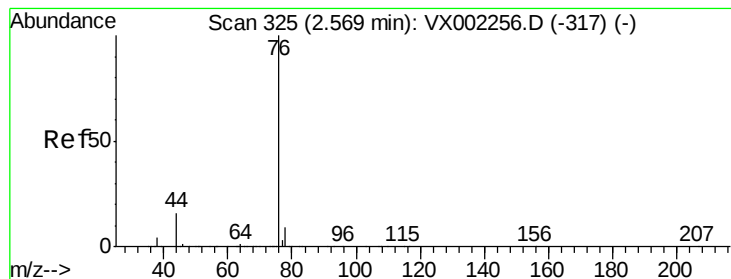
58 27.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.64 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

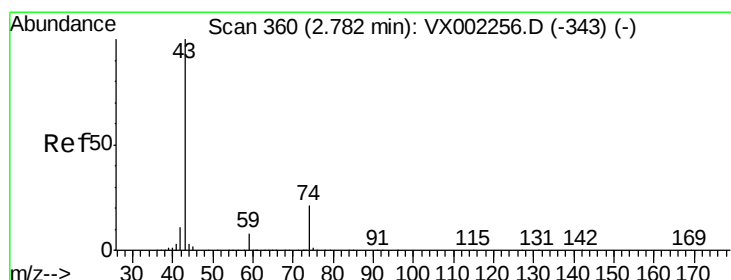
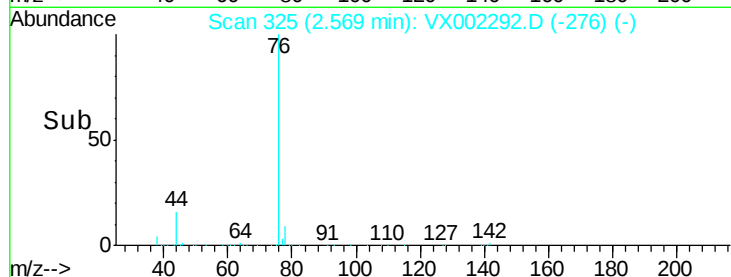
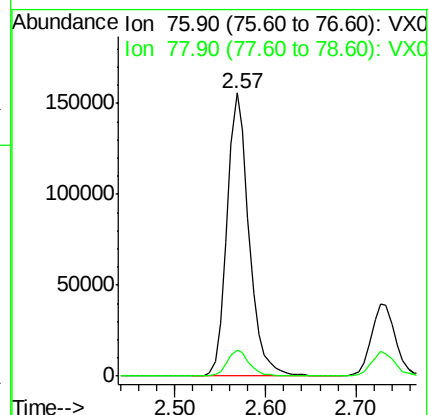
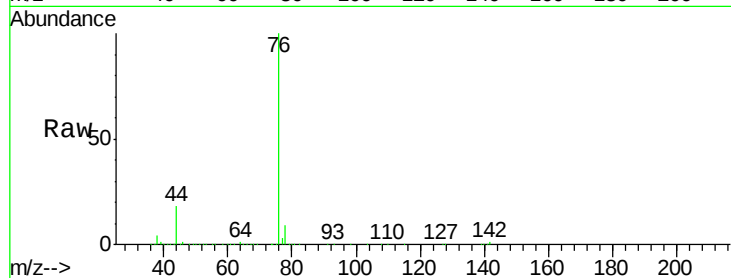
SS052MW750-180531MS

Tot Ion: 76 Resp: 263336

Ion Ratio Lower Upper

76 100

78 9.0 6.9 10.3



#18

Methyl Acetate

Concen: 64.07 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002292.D

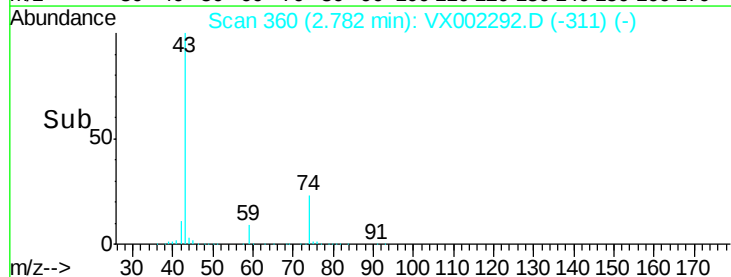
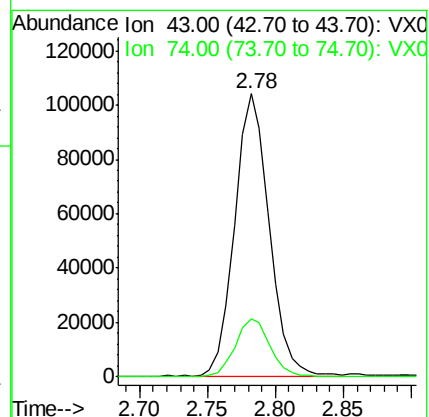
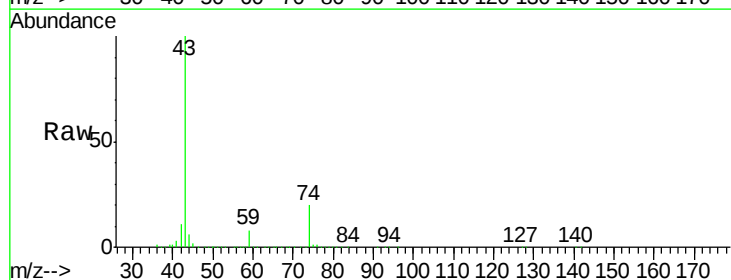
Acq: 05 Jun 2018 06:18

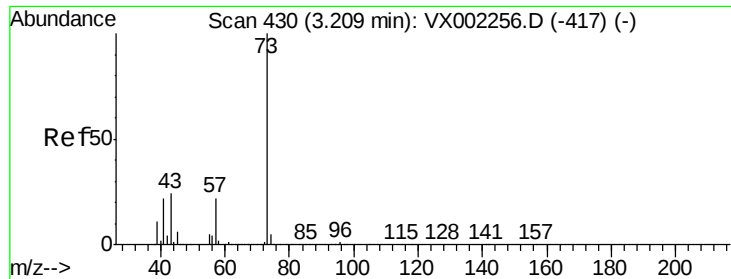
Tgt Ion: 43 Resp: 182507

Ion Ratio Lower Upper

43 100

74 20.7 16.7 25.1

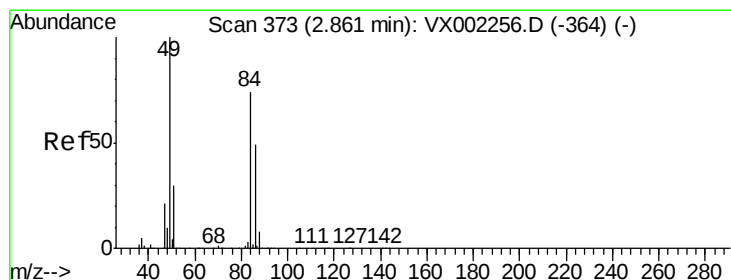
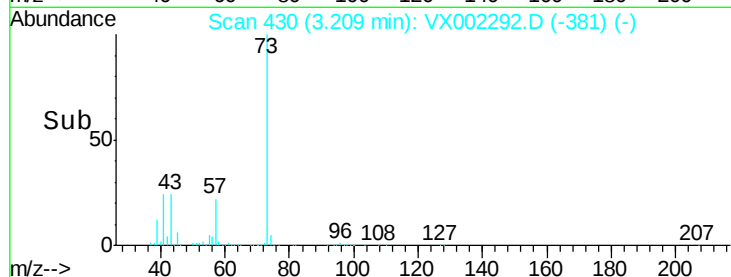
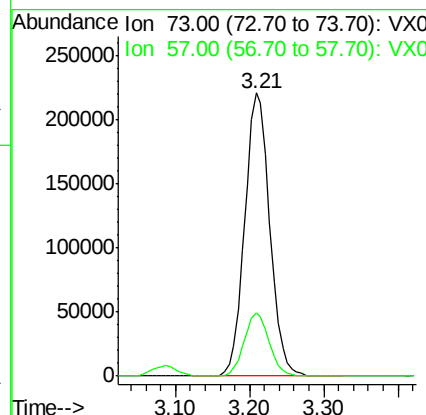
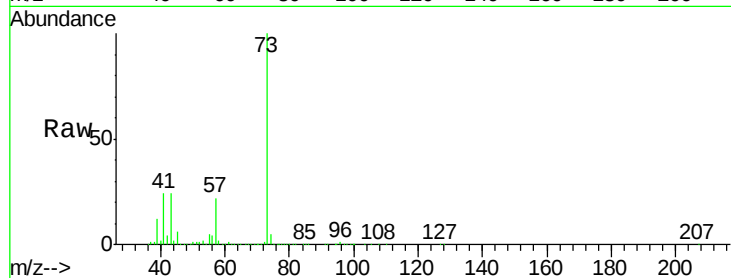




#19
Methvl tert-butvl Ether
Concen: 70.78 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

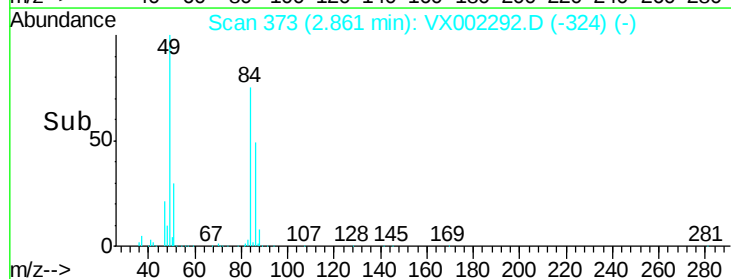
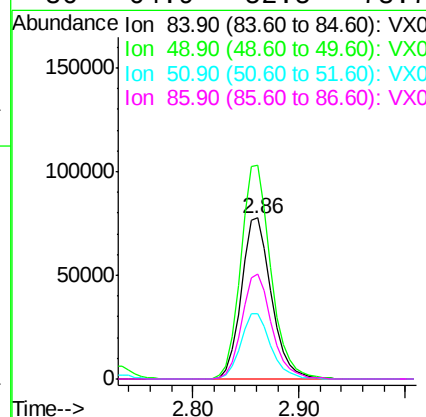
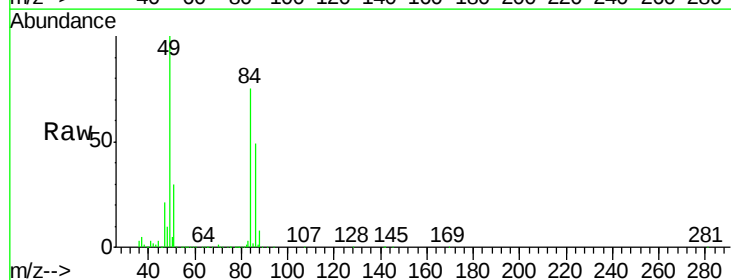
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MS

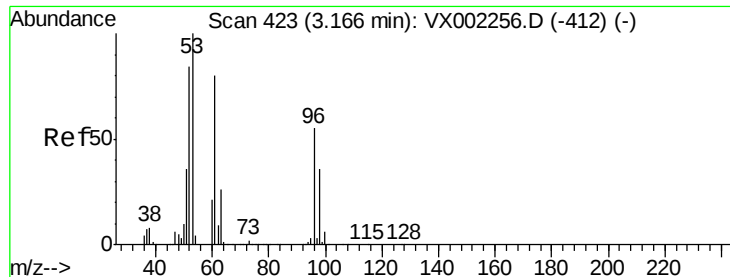
Tot Ion: 73 Resp: 520537
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5



#20
Methylene Chloride
Concen: 68.87 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

Tgt Ion: 84 Resp: 154314
Ion Ratio Lower Upper
84 100
49 132.6 107.8 161.6
51 40.2 32.8 49.2
86 64.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 54.79 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MS

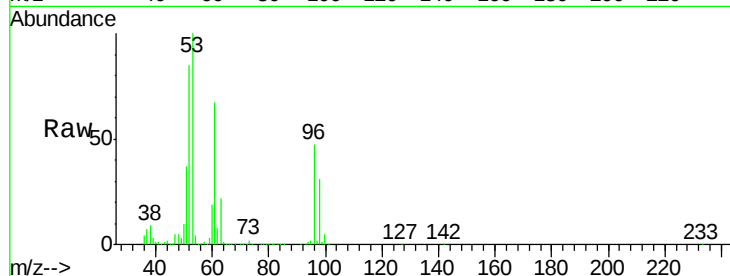
Tot Ion: 96 Resp: 129417

Ion Ratio Lower Upper

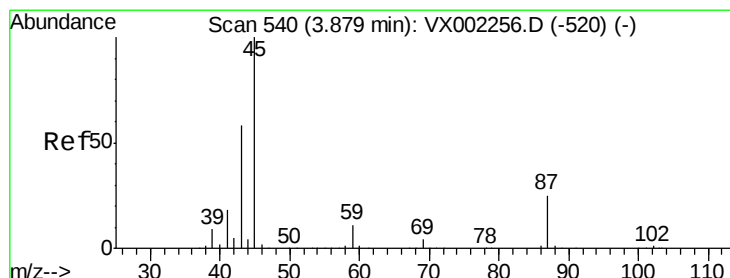
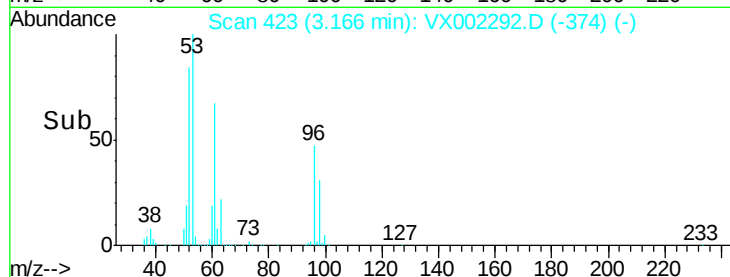
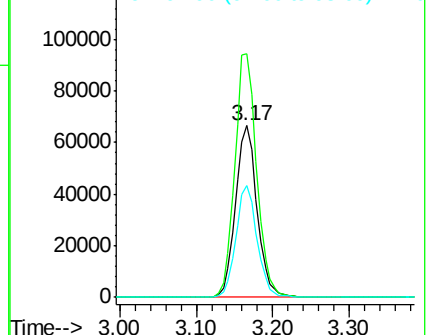
96 100

61 141.4 117.0 175.4

98 64.7 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 63.17 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Tgt Ion: 45 Resp: 487521

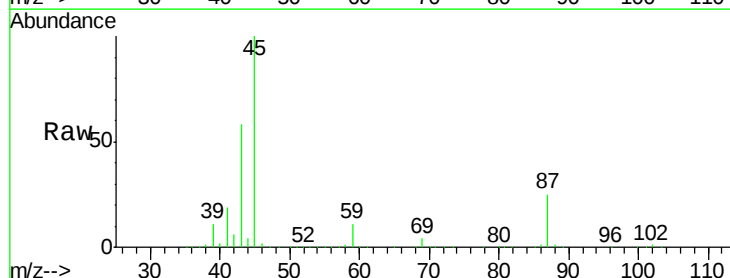
Ion Ratio Lower Upper

45 100

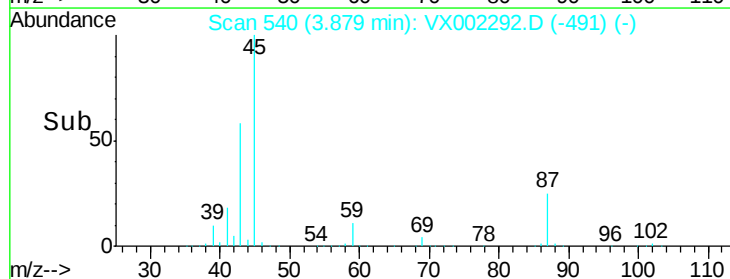
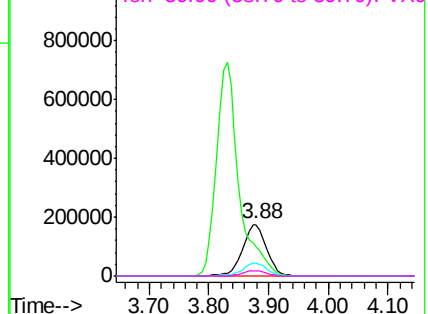
43 58.0 46.8 70.2

87 25.4 20.2 30.4

59 10.9 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 251.77 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

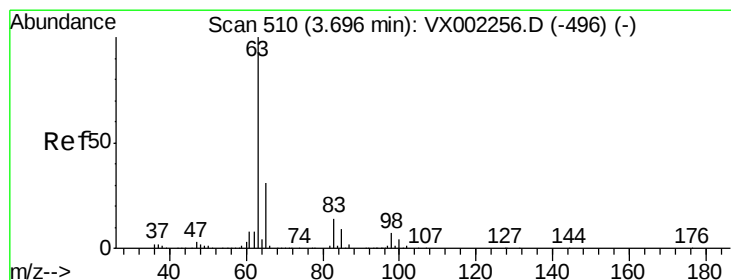
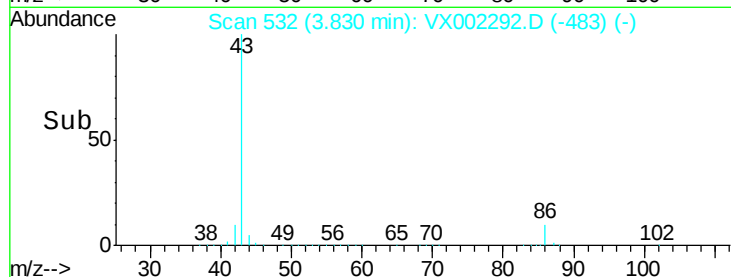
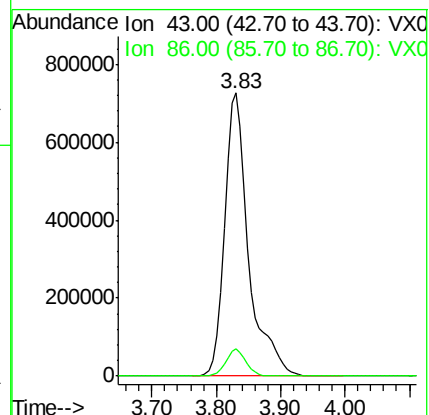
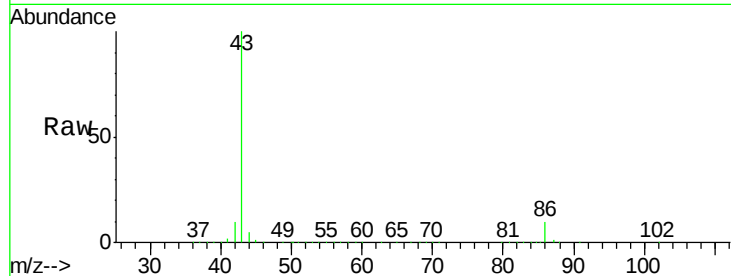
SS052MW750-180531MS

Tot Ion: 43 Resp: 1897301

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.0



#24

1,1-Dichloroethane

Concen: 52.83 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

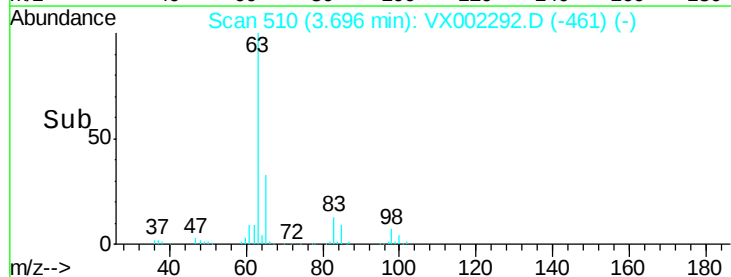
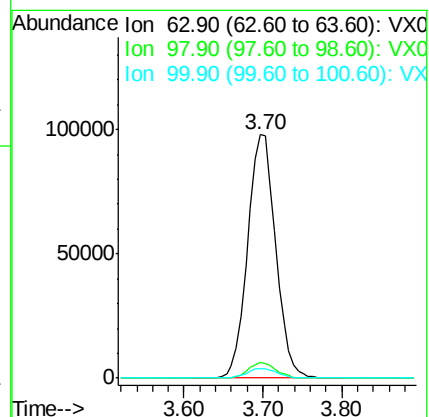
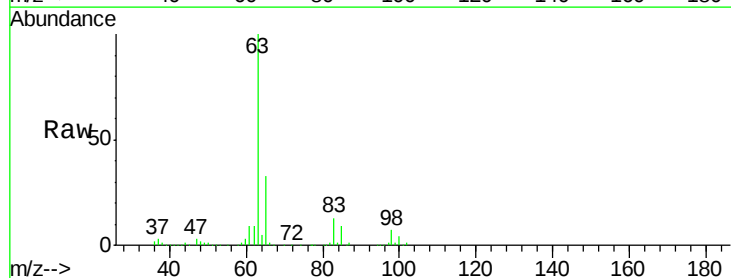
Tgt Ion: 63 Resp: 242712

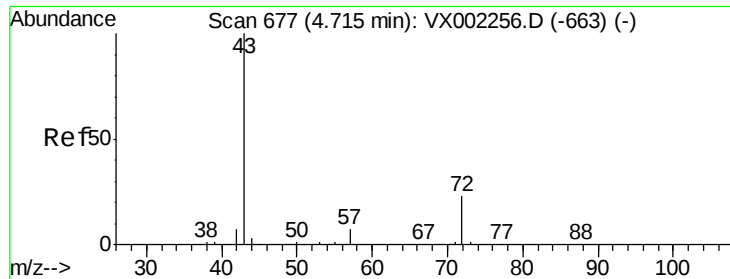
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 284.43 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

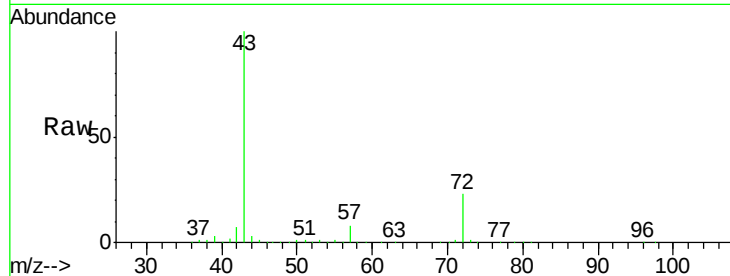
SS052MW750-180531MS

Tot Ion: 43 Resp: 561142

Ion Ratio Lower Upper

43 100

72 22.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

200000

150000

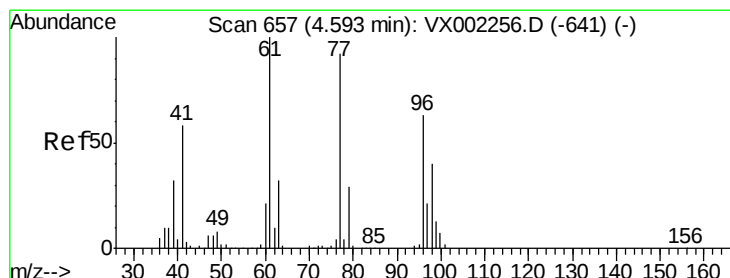
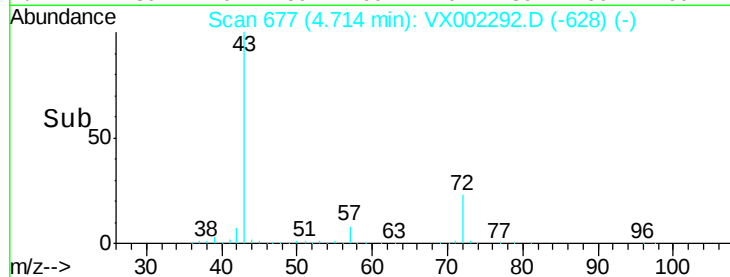
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 34.92 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002292.D

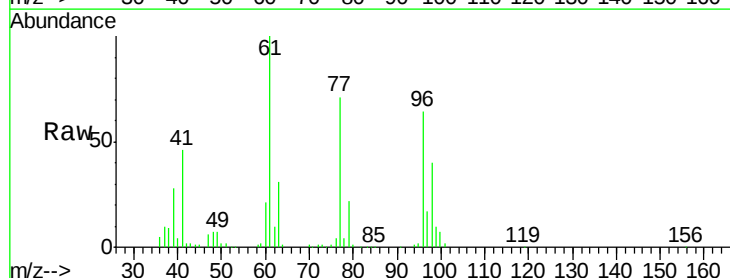
Acq: 05 Jun 2018 06:18

Tgt Ion: 77 Resp: 125405

Ion Ratio Lower Upper

77 100

97 24.6 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

40000

30000

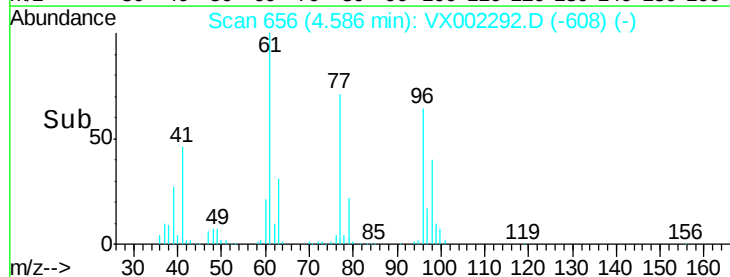
20000

10000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 56.09 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MS

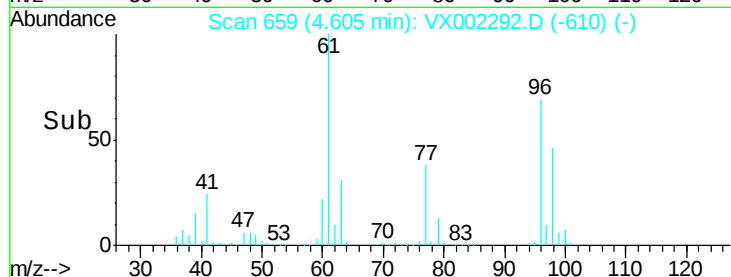
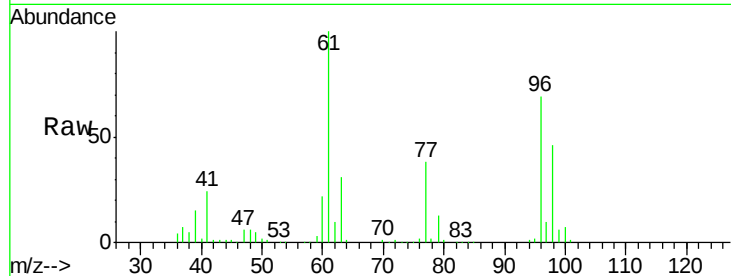
Tot Ion: 96 Resp: 144088

Ion Ratio Lower Upper

96 100

61 153.0 0.0 330.2

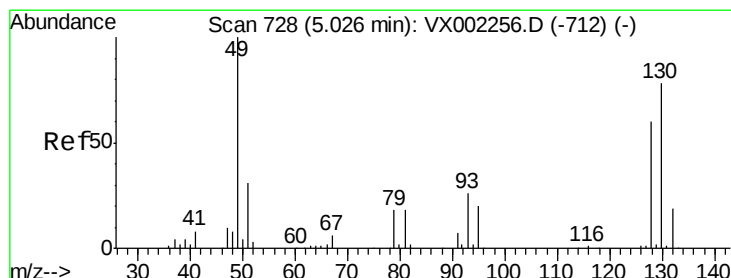
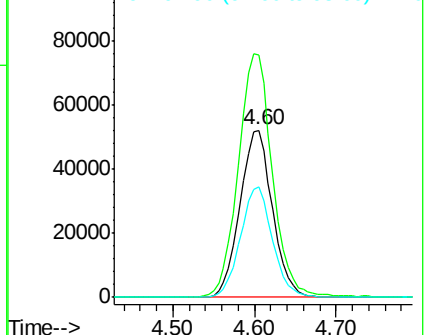
98 65.3 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 70.89 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

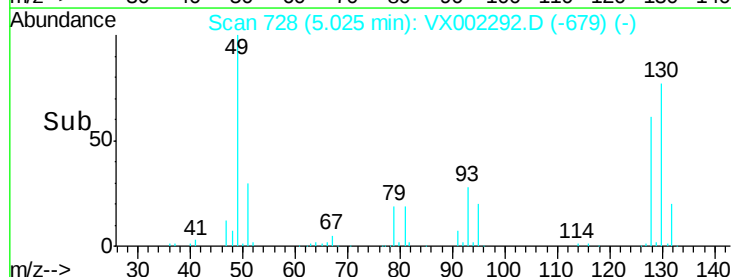
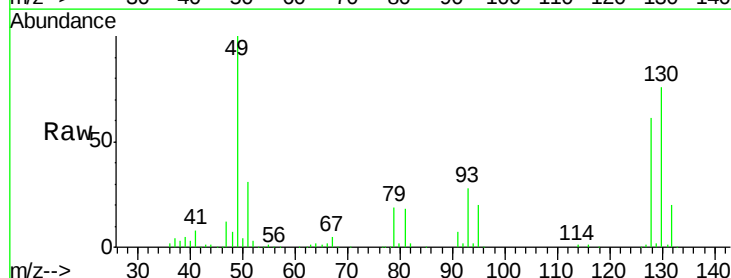
Tgt Ion: 49 Resp: 135617

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

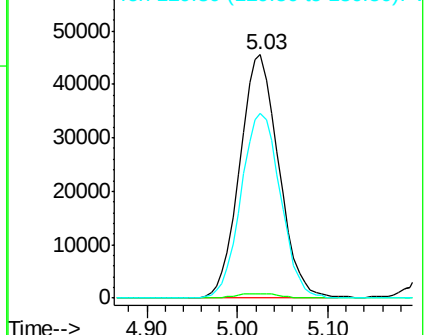
130 77.1 61.2 91.8

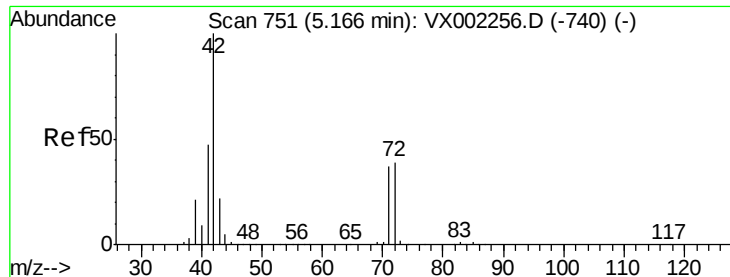


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

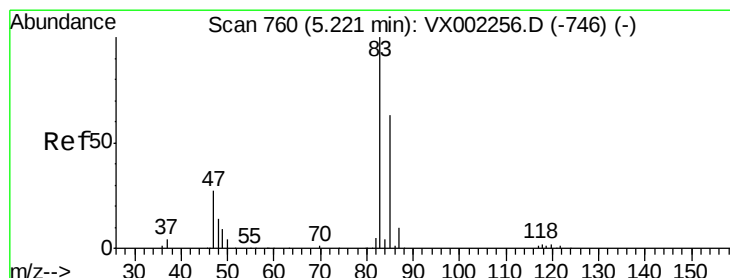
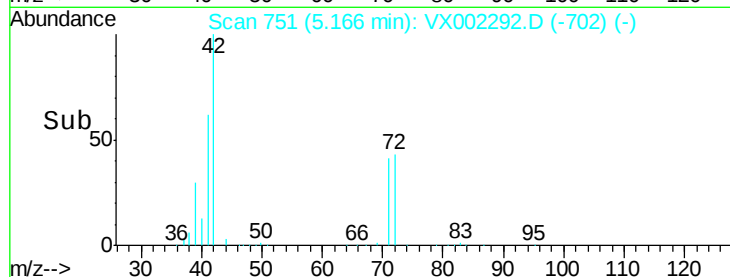
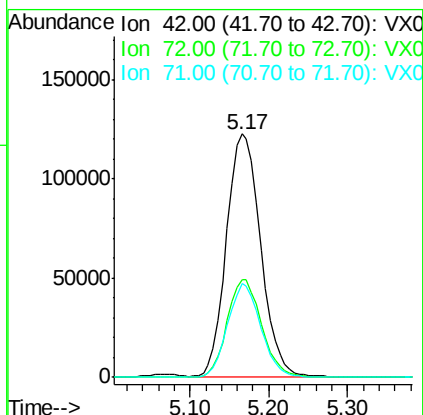
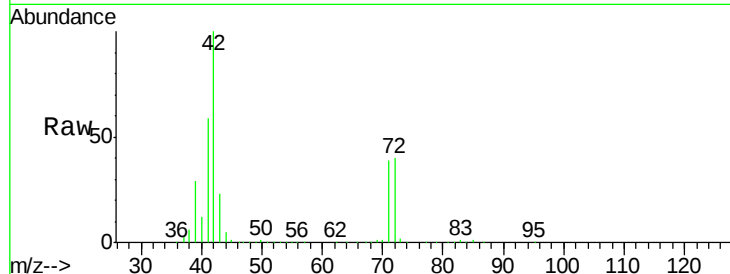




#29
Tetrahydrofuran
Concen: 290.24 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

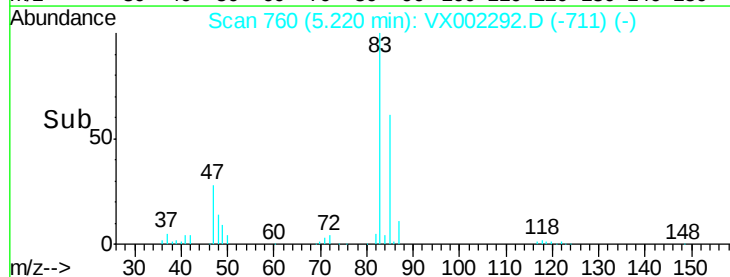
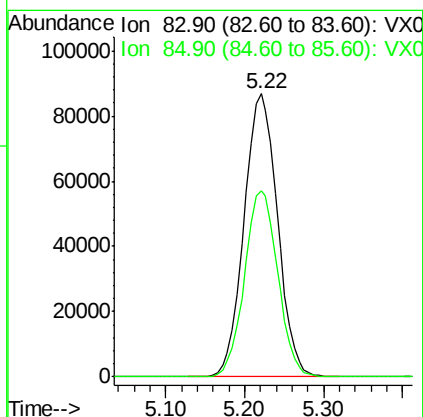
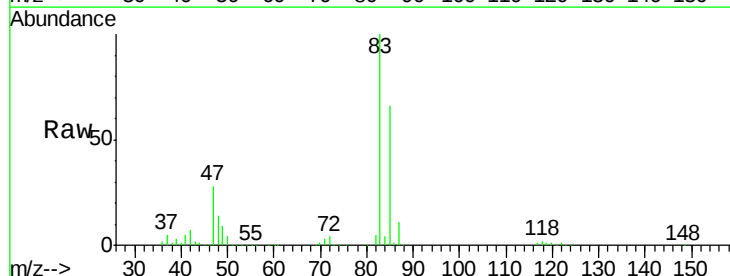
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MS

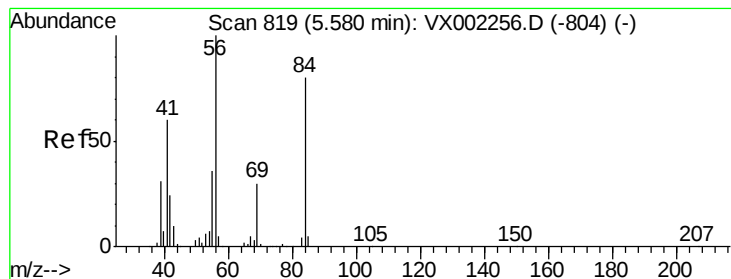
Tot Ion: 42 Resp: 369178
Ion Ratio Lower Upper
42 100
72 40.9 32.0 48.0
71 37.6 30.1 45.1



#30
Chloroform
Concen: 57.88 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

Tgt Ion: 83 Resp: 256600
Ion Ratio Lower Upper
83 100
85 65.8 50.4 75.6





#31

Cyclohexane

Concen: 38.21 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MS

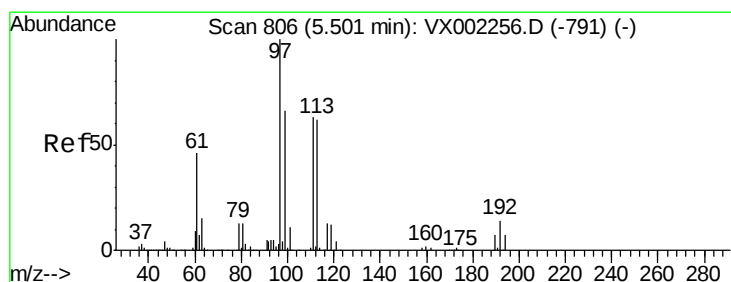
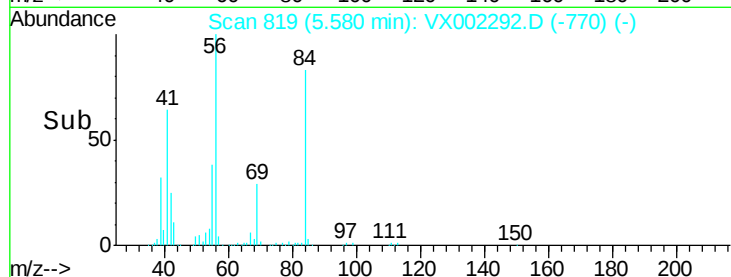
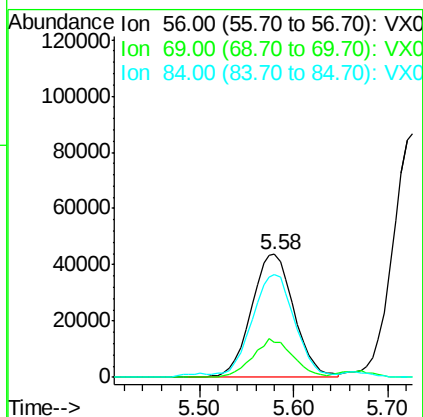
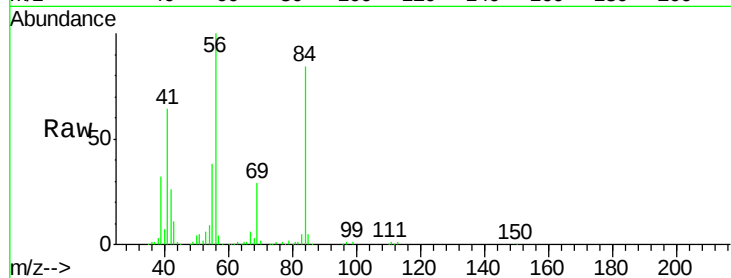
Tot Ion: 56 Resp: 138820

Ion Ratio Lower Upper

56 100

69 28.6 23.7 35.5

84 81.2 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 52.98 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

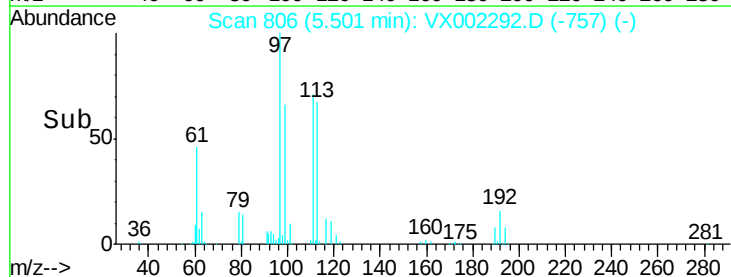
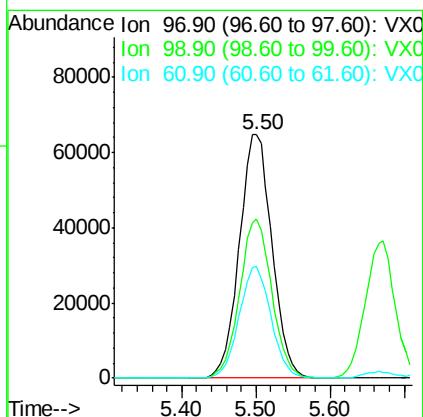
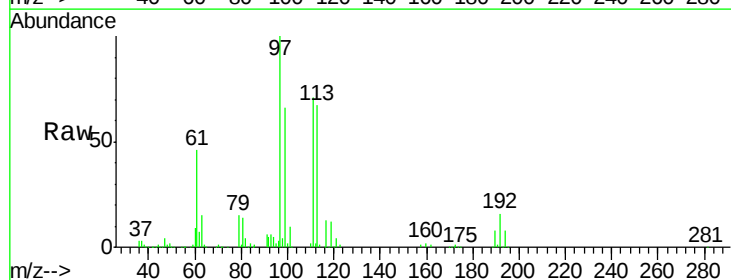
Tgt Ion: 97 Resp: 199198

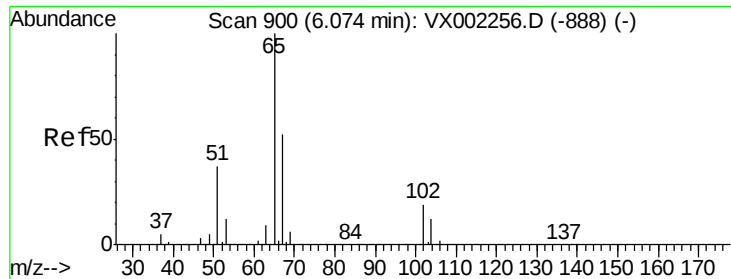
Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 45.0 36.4 54.6

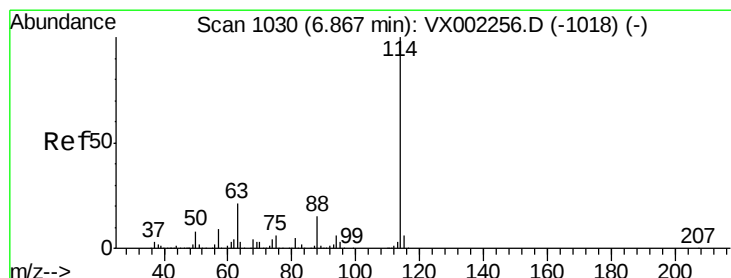
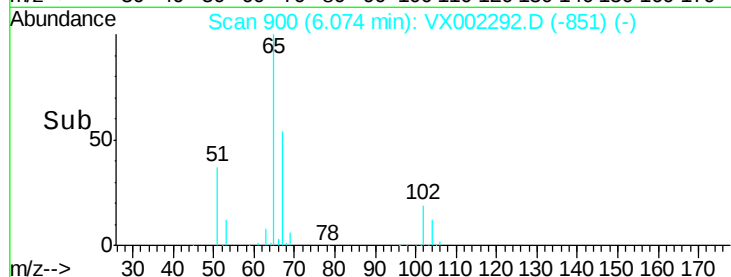
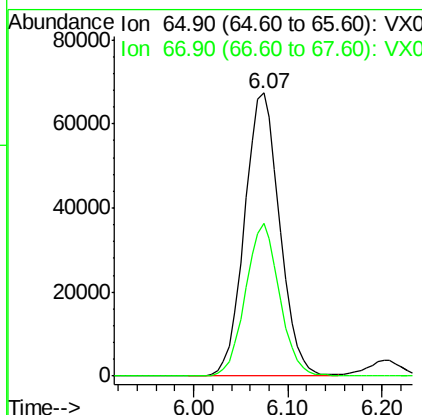
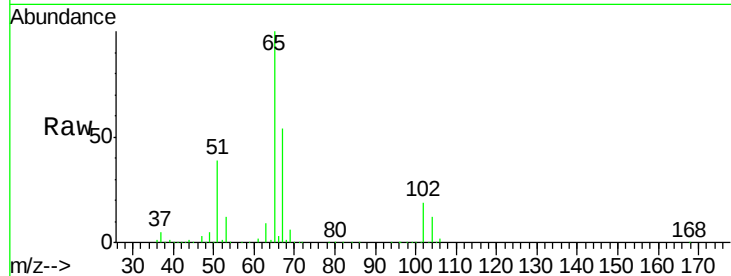




#33
 1,2-Dichloroethane-d4
 Concen: 62.07 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002292.D
 Acq: 05 Jun 2018 06:18

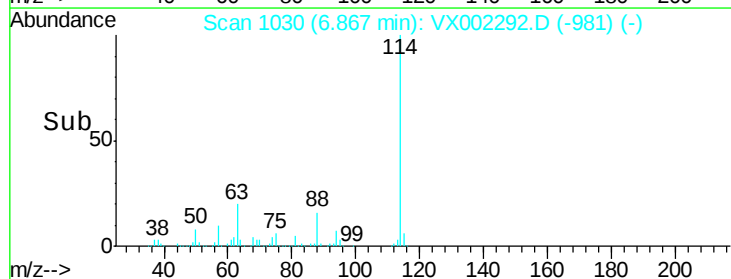
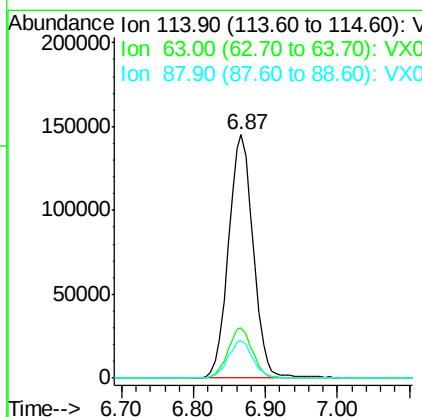
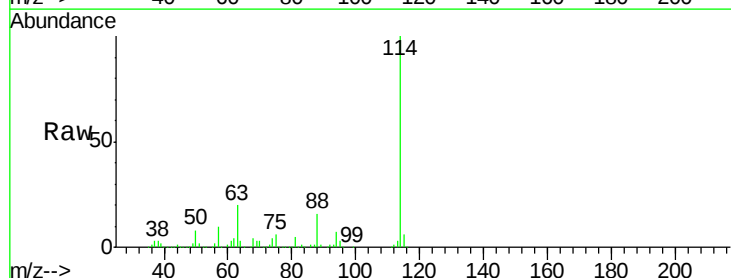
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MS

Tot Ion: 65 Resp: 176193
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002292.D
 Acq: 05 Jun 2018 06:18

Tgt Ion: 114 Resp: 346933
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.6 0.0 30.0

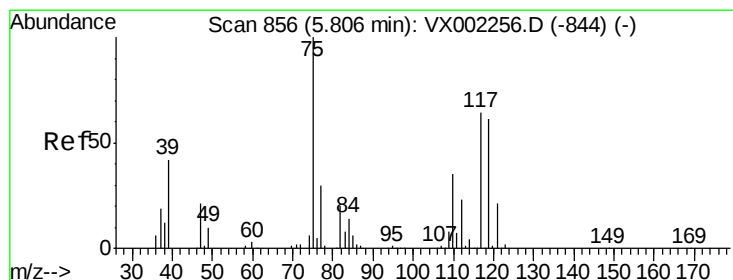
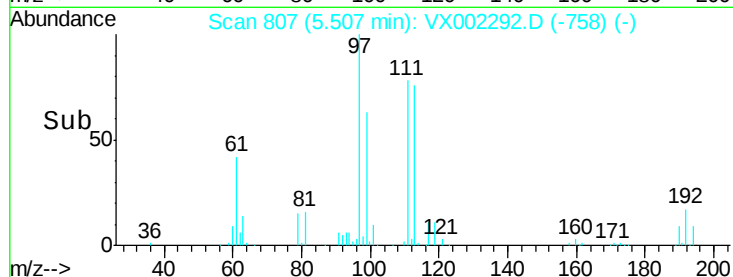
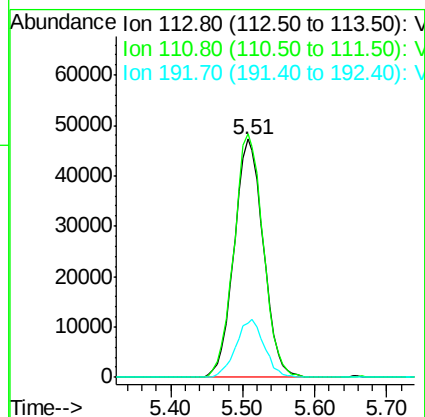
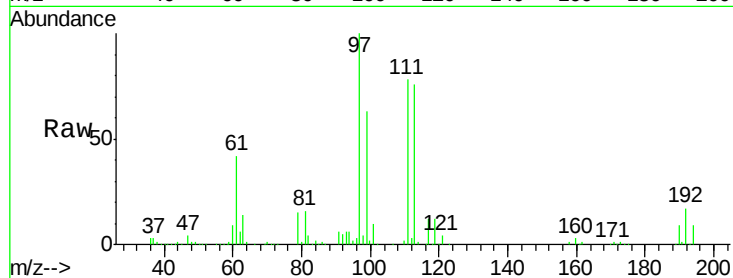




#35
Dibromofluoromethane
Concen: 48.79 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

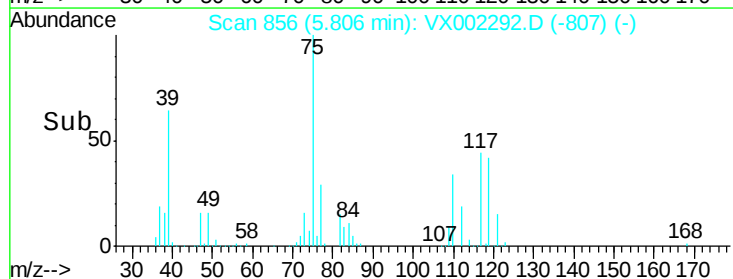
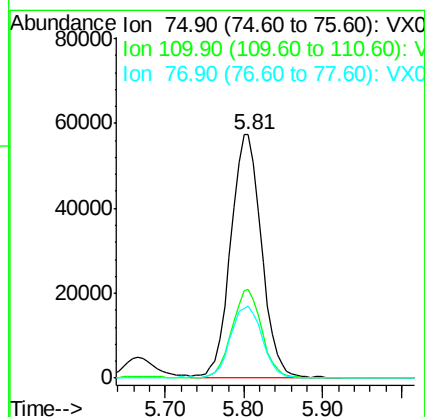
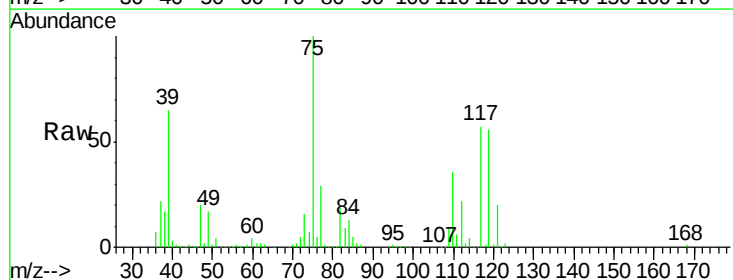
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MS

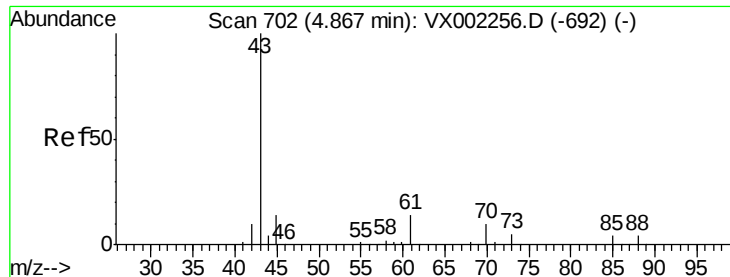
Tot Ion:113 Resp: 133117
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 23.7 19.1 28.7



#36
1,1-Dichloropropene
Concen: 42.48 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

Tgt Ion: 75 Resp: 154941
Ion Ratio Lower Upper
75 100
110 35.7 18.1 54.4
77 30.3 24.3 36.5





#37

Ethyl Acetate

Concen: 46.63 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MS

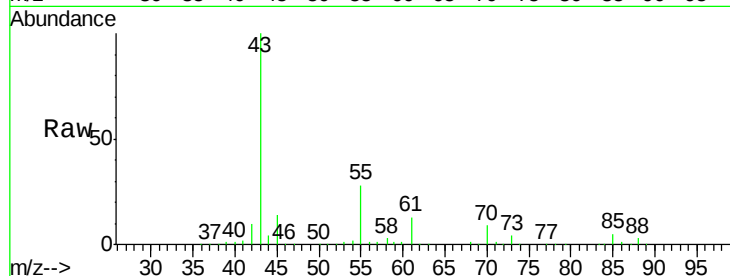
Tot Ion: 43 Resp: 204525

Ion Ratio Lower Upper

43 100

61 12.7 10.4 15.6

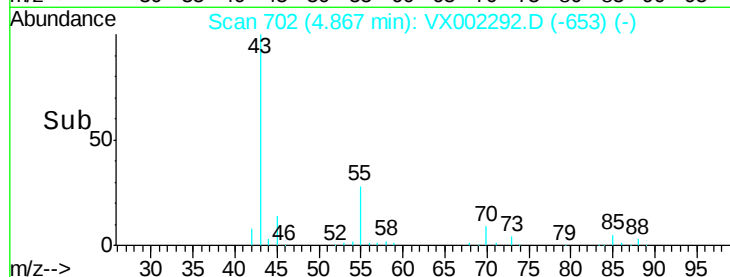
70 9.2 7.6 11.4



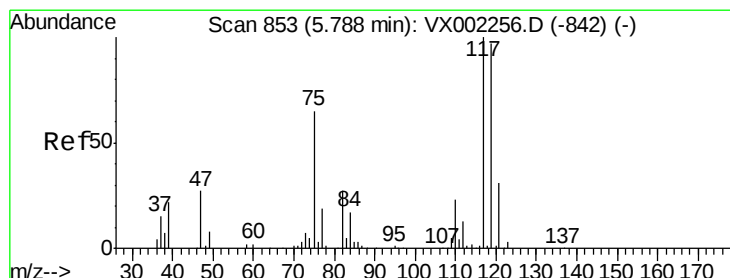
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



Time-->



#38

Carbon Tetrachloride

Concen: 41.52 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

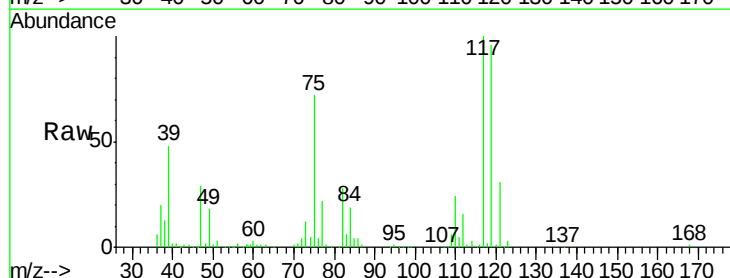
Tgt Ion: 117 Resp: 158408

Ion Ratio Lower Upper

117 100

119 96.4 77.4 116.0

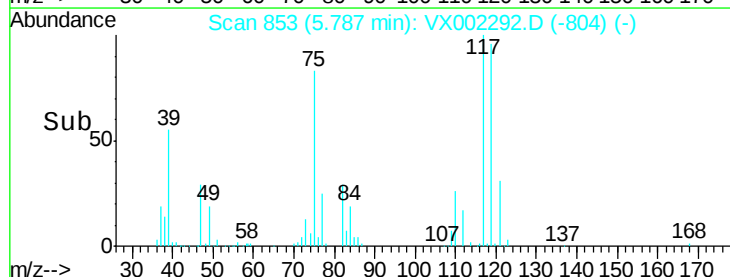
121 30.7 24.4 36.6



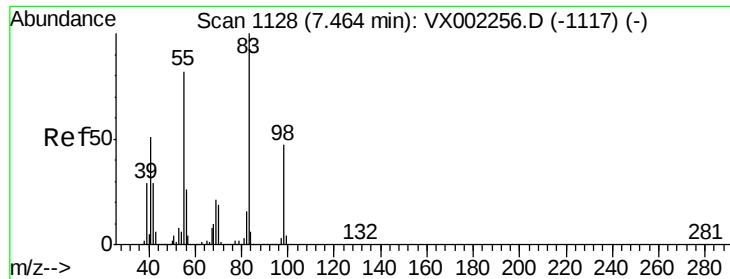
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



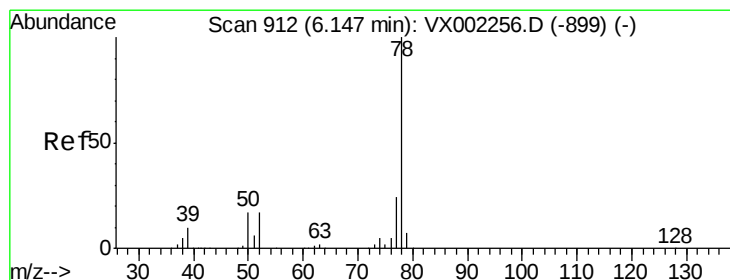
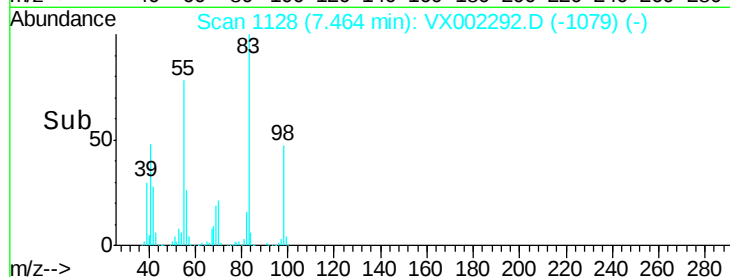
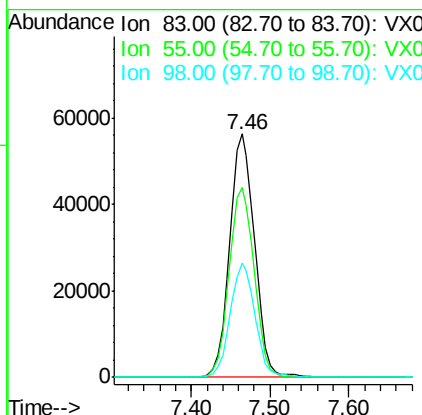
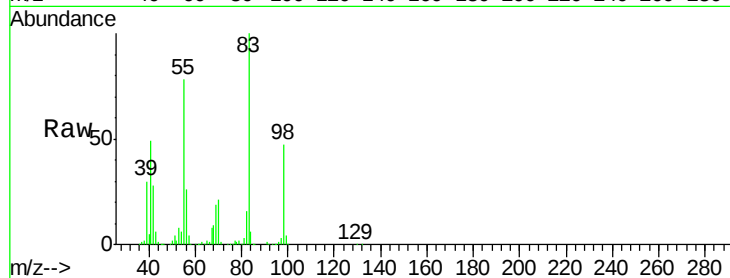
Time-->



#39
Methvlcvclohexane
Concen: 27.58 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

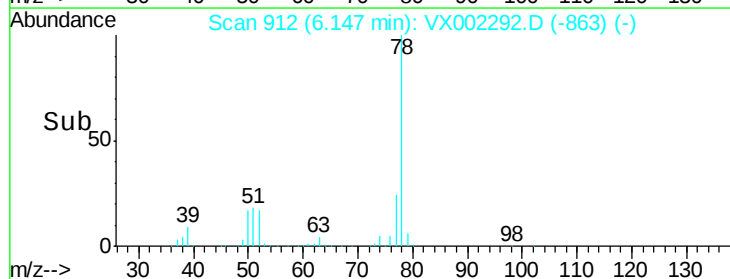
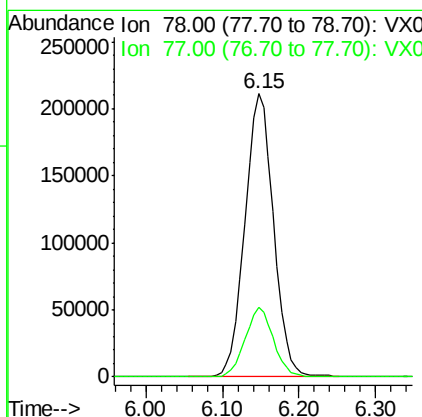
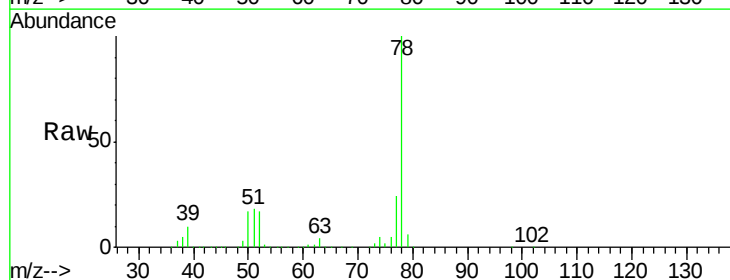
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MS

Tot Ion: 83 Resp: 123760
Ion Ratio Lower Upper
83 100
55 78.1 65.4 98.0
98 46.9 37.4 56.0



#40
Benzene
Concen: 49.22 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

Tgt Ion: 78 Resp: 550409
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7





#41

Methacrylonitrile

Concen: 52.15 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MS

Tot Ion: 41 Resp: 130938

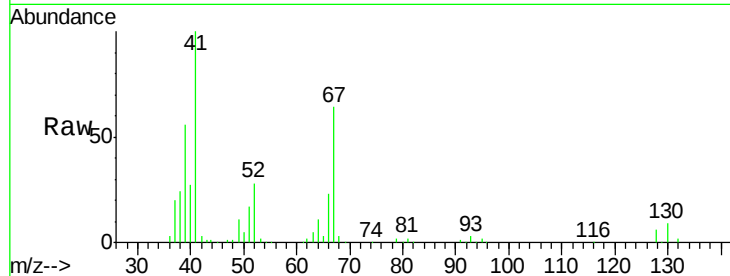
Ion Ratio Lower Upper

41 100

39 56.6 45.8 68.6

67 63.7 51.3 76.9

52 27.6 23.0 34.6

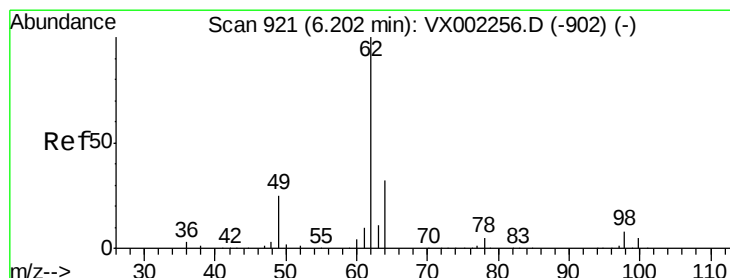
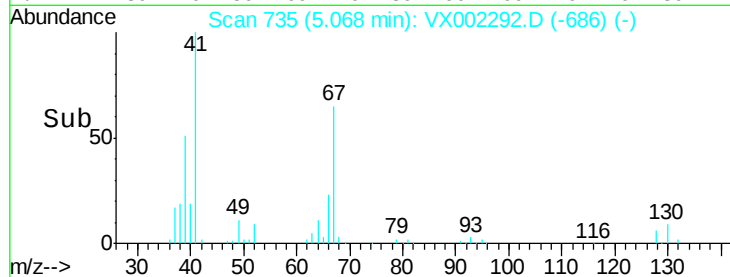
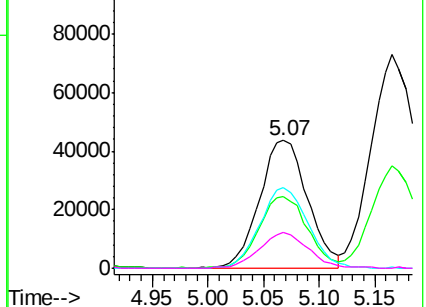


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.93 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX002292.D

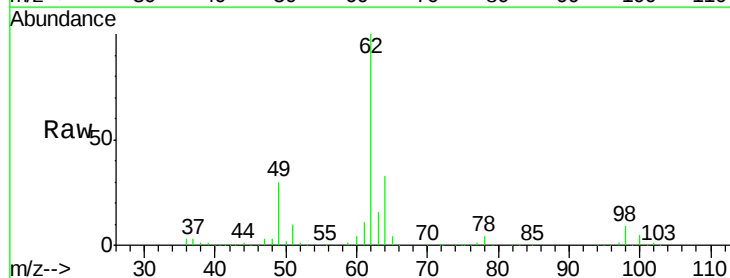
Acq: 05 Jun 2018 06:18

Tgt Ion: 62 Resp: 230722

Ion Ratio Lower Upper

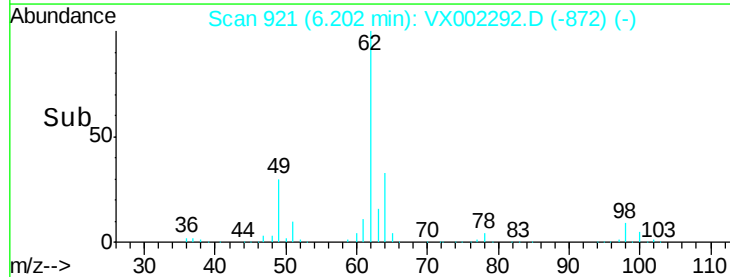
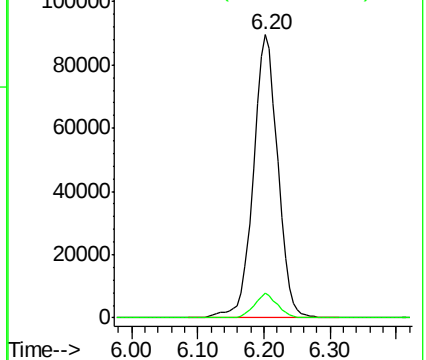
62 100

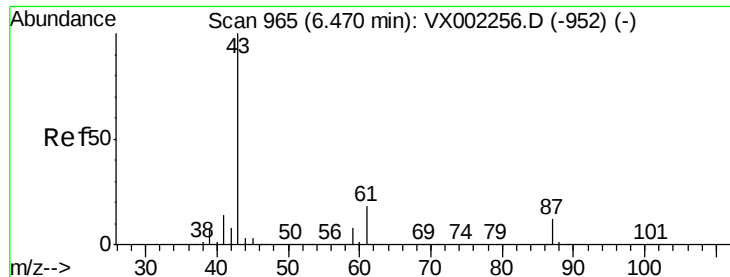
98 8.2 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.82 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MS

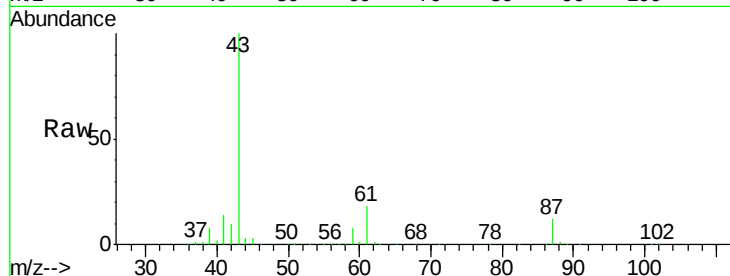
Tot Ion: 43 Resp: 356280

Ion Ratio Lower Upper

43 100

61 18.3 14.4 21.6

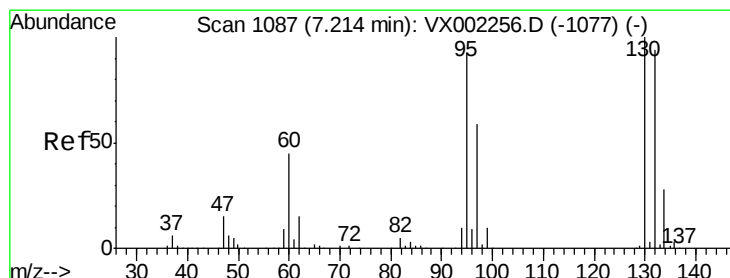
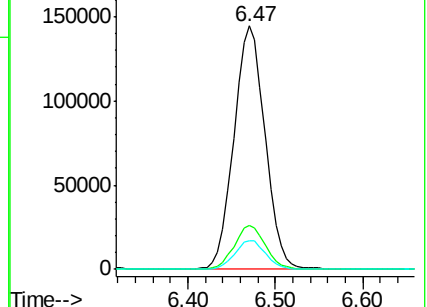
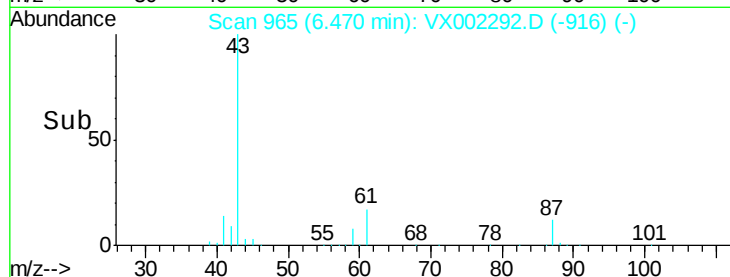
87 11.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX002292.D (-916) (-)

Ion 61.00 (60.70 to 61.70): VX002292.D (-916) (-)

Ion 87.00 (86.70 to 87.70): VX002292.D (-916) (-)



#44

Trichloroethene

Concen: 48.11 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002292.D

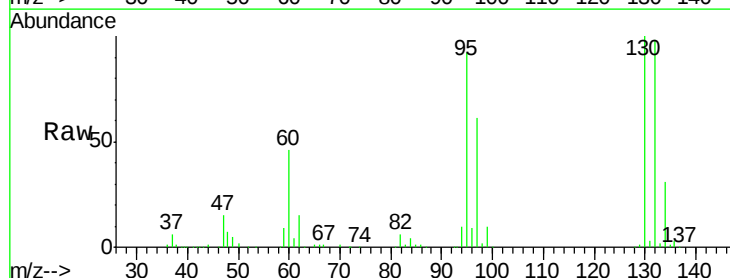
Acq: 05 Jun 2018 06:18

Tgt Ion:130 Resp: 149330

Ion Ratio Lower Upper

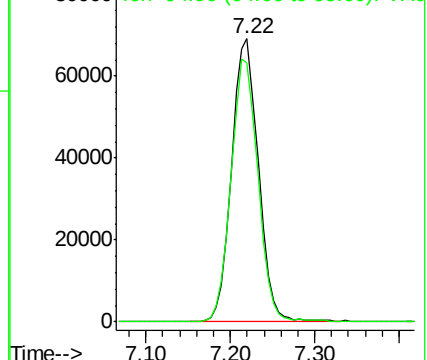
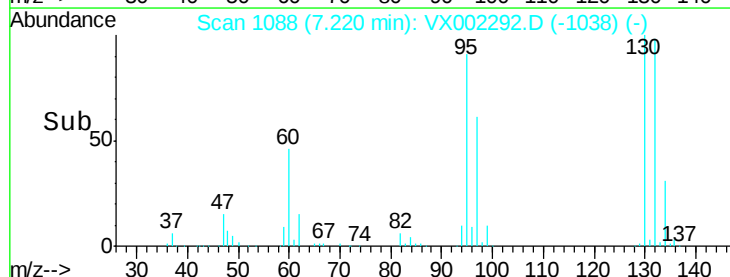
130 100

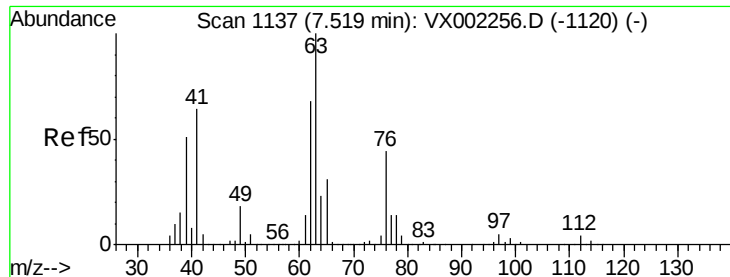
95 91.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX002292.D (-1038) (-)

Ion 94.90 (94.60 to 95.60): VX002292.D (-1038) (-)





#45

1,2-Dichloropropane

Concen: 50.33 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

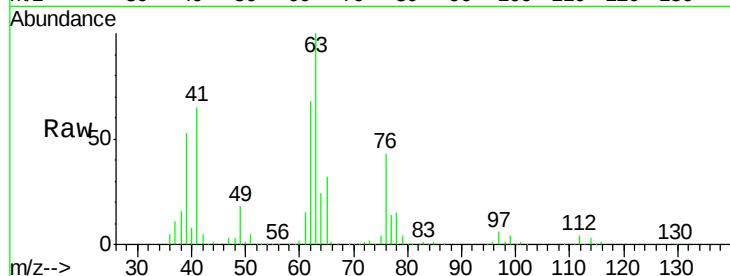
SS052MW750-180531MS

Tot Ion: 63 Resp: 151961

Ion Ratio Lower Upper

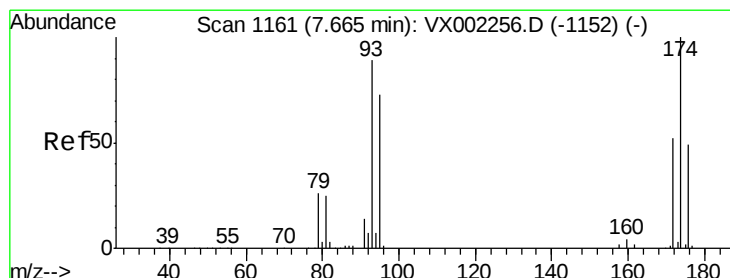
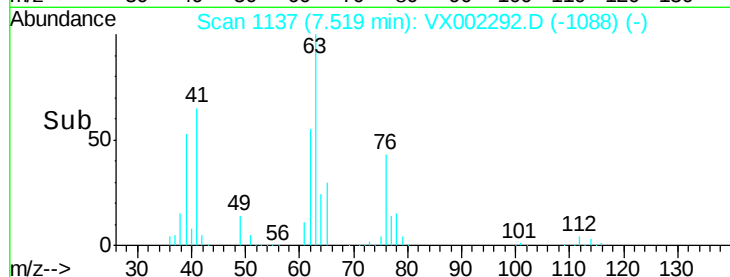
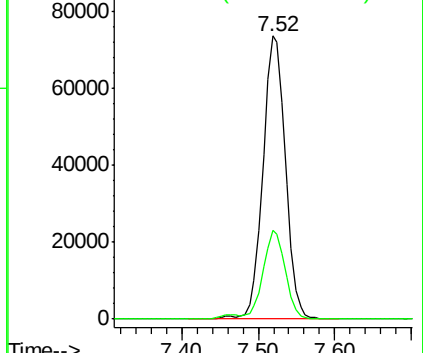
63 100

65 31.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.22 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

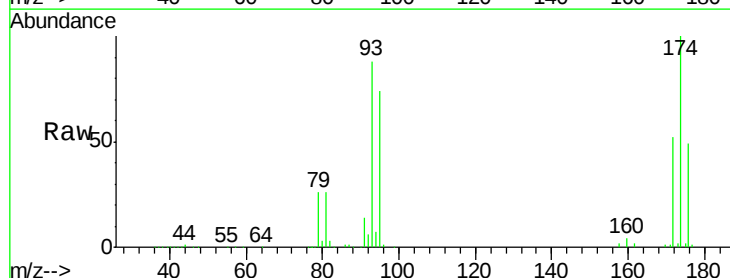
Tgt Ion: 93 Resp: 104833

Ion Ratio Lower Upper

93 100

95 84.3 65.9 98.9

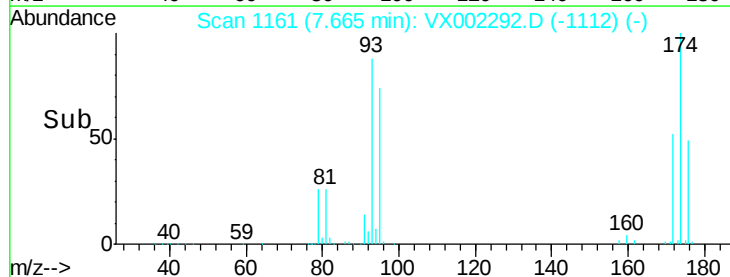
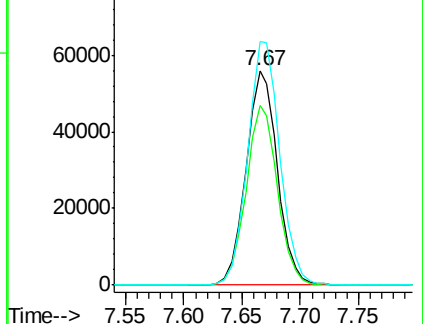
174 116.7 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.25 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MS

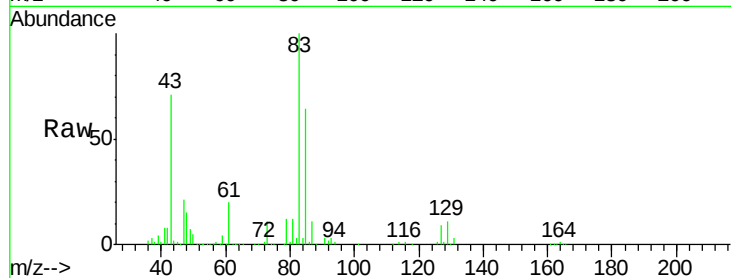
Tot Ion: 83 Resp: 189700

Ion Ratio Lower Upper

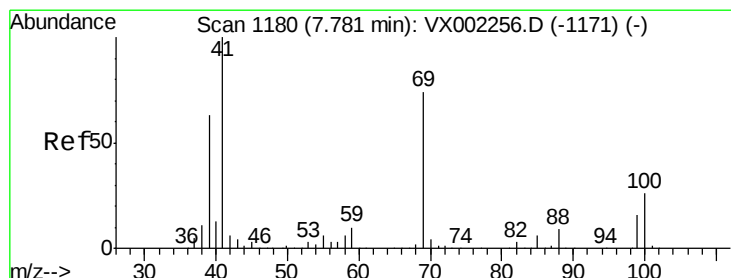
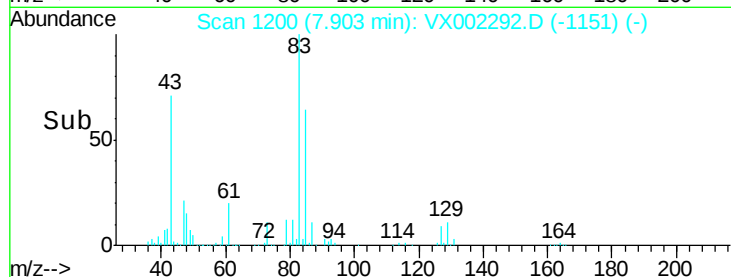
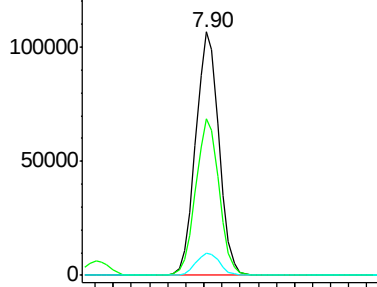
83 100

85 64.0 50.3 75.5

127 9.0 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.32 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

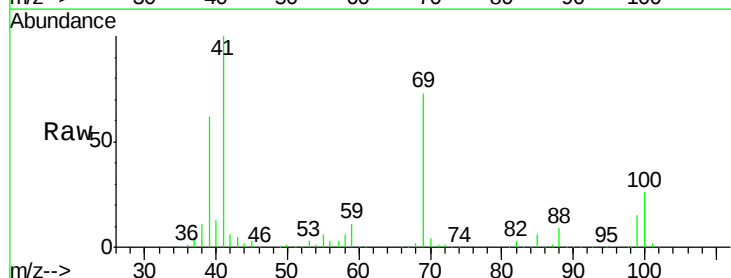
Tgt Ion: 41 Resp: 195800

Ion Ratio Lower Upper

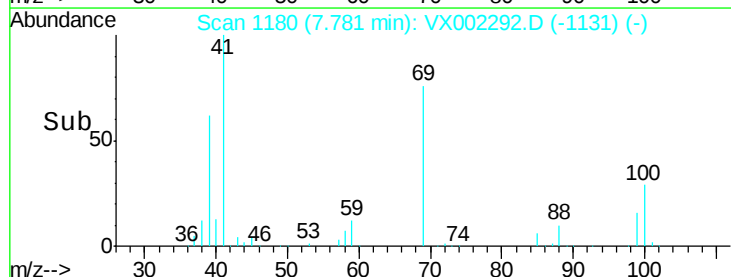
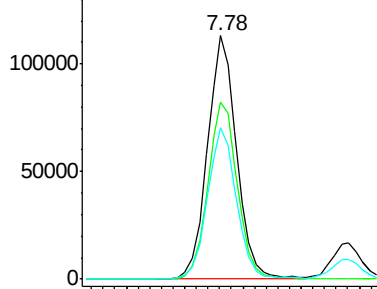
41 100

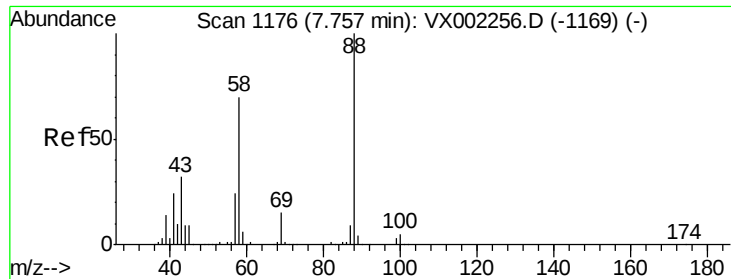
69 74.2 59.1 88.7

39 61.7 48.9 73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

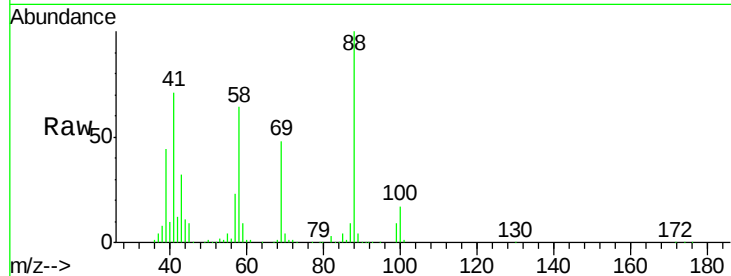




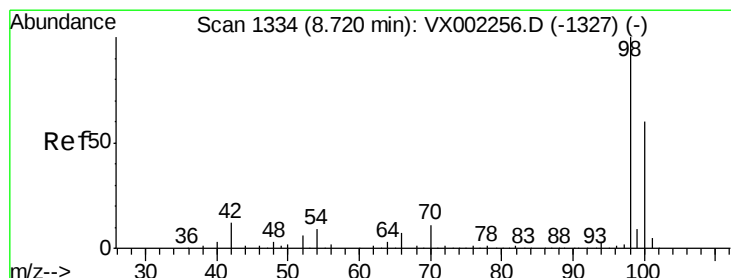
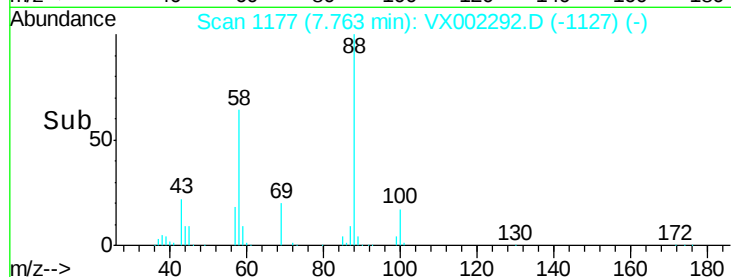
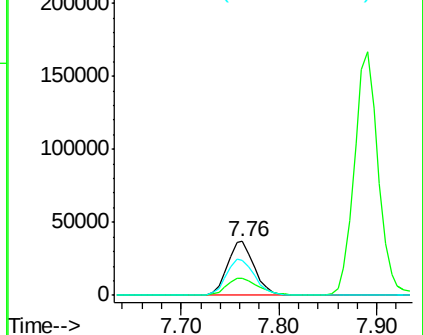
#49
1,4-Dioxane
Concen: 1002.77 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MS

Tot Ion: 88 Resp: 70165
Ion Ratio Lower Upper
88 100
43 36.1 29.8 44.6
58 71.0 57.1 85.7

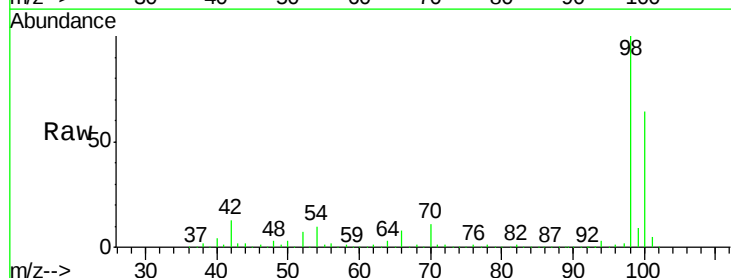


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

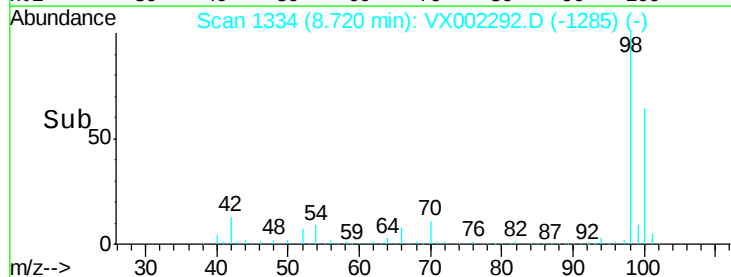
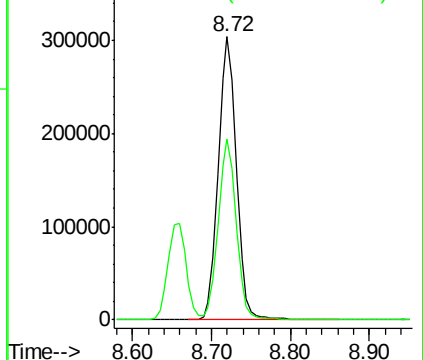


#50
Toluene-d8
Concen: 46.47 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

Tgt Ion: 98 Resp: 485987
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 264.53 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

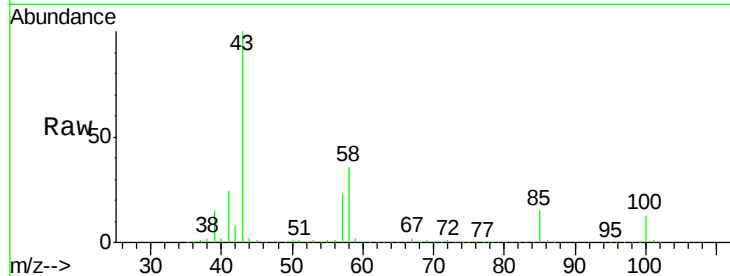
SS052MW750-180531MS

Tot Ion: 43 Resp: 1227275

Ion Ratio Lower Upper

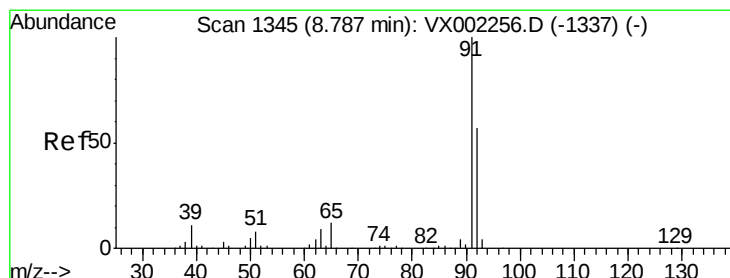
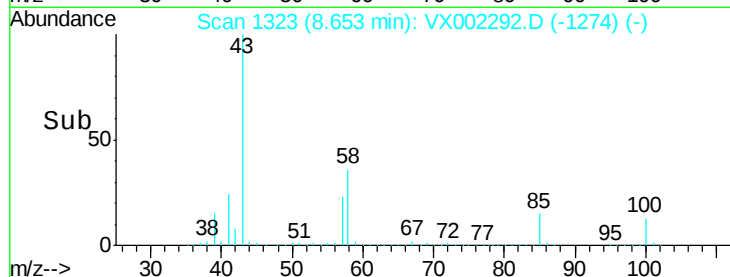
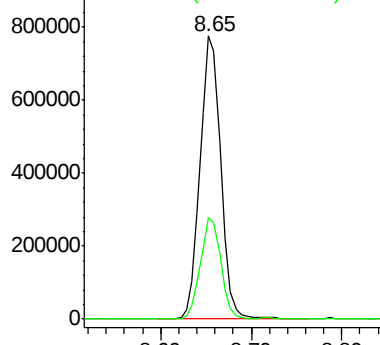
43 100

58 35.6 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.24 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002292.D

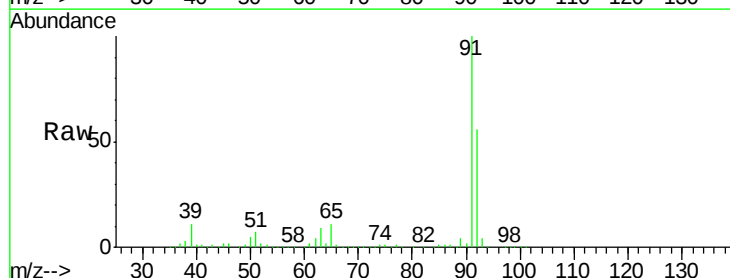
Acq: 05 Jun 2018 06:18

Tgt Ion: 92 Resp: 350217

Ion Ratio Lower Upper

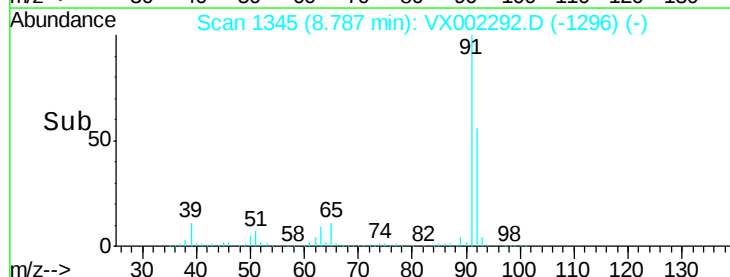
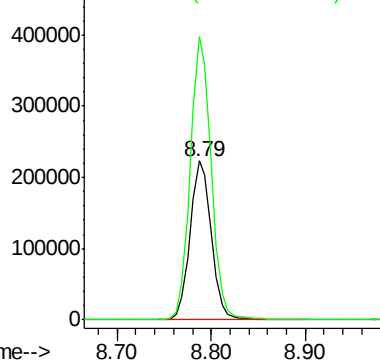
92 100

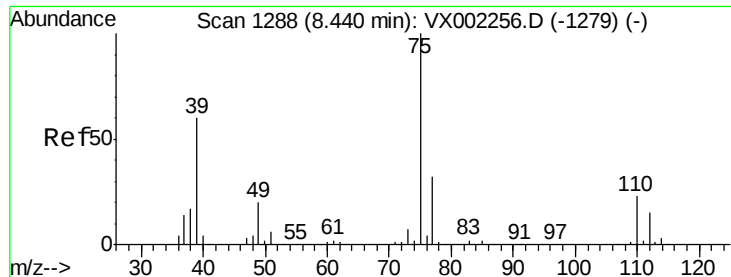
91 175.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.72 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

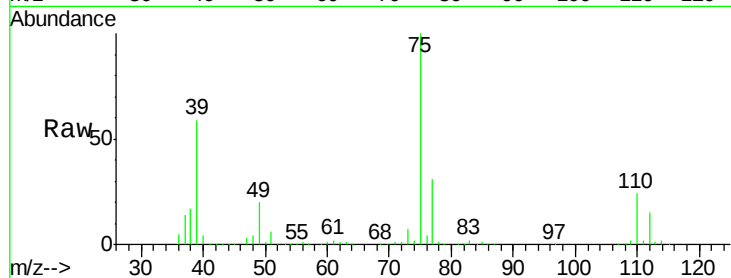
SS052MW750-180531MS

Tot Ion: 75 Resp: 216277

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

150000

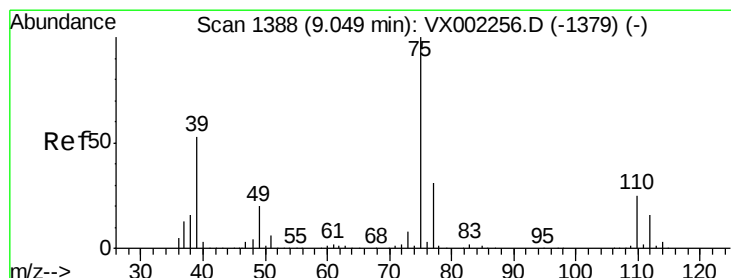
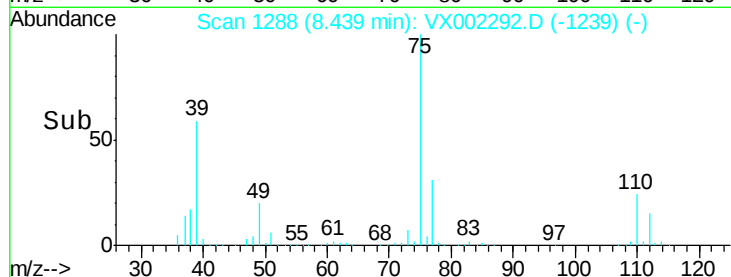
100000

50000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.74 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

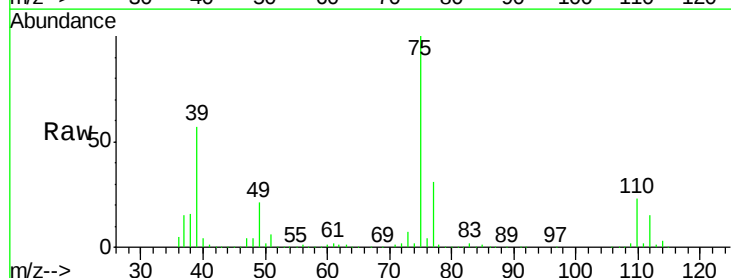
Tgt Ion: 75 Resp: 204100

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 57.3 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

150000

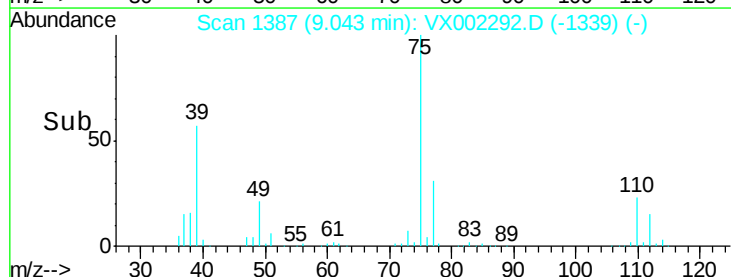
100000

50000

0

9.00 9.10

Time-->

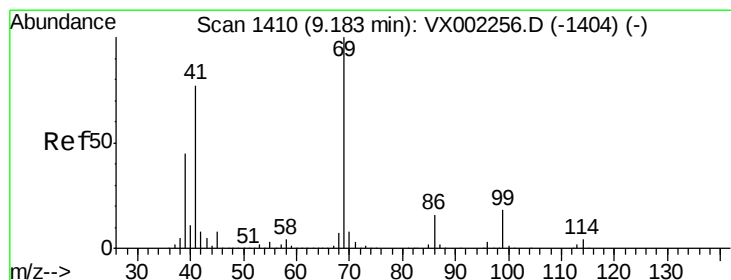
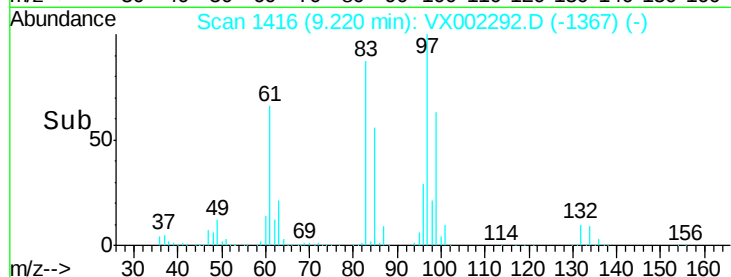
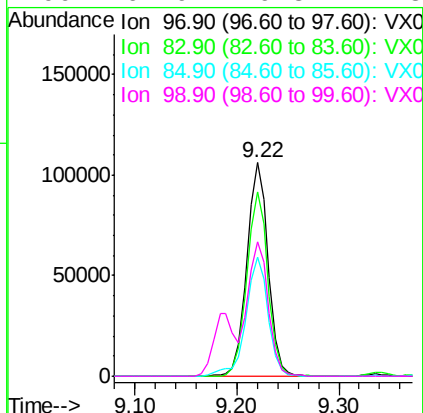
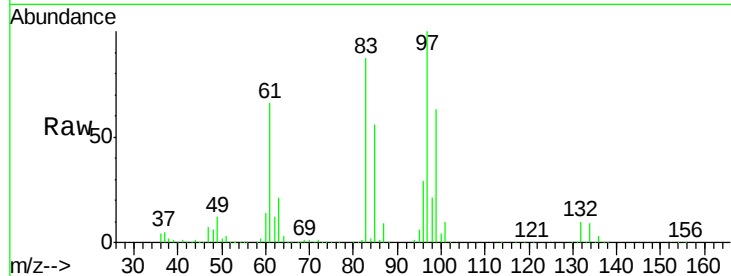




#55
 1,1,2-Trichloroethane
 Concen: 52.87 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002292.D
 Acq: 05 Jun 2018 06:18

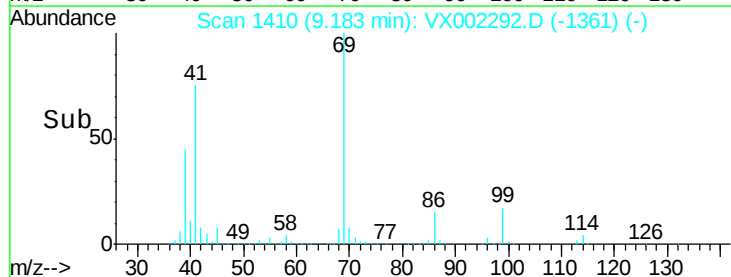
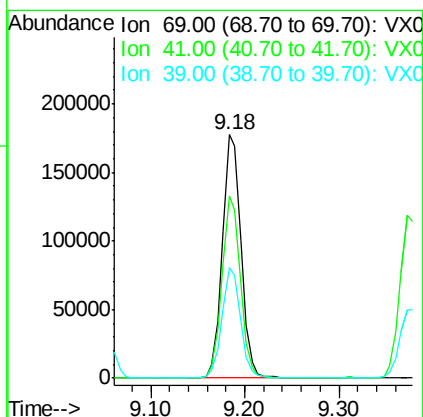
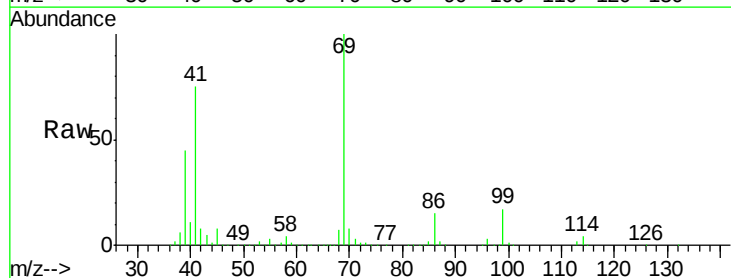
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MS

Tot Ion:	97	Resp:	154667
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.2	105.2
85	55.8	44.9	67.3
99	62.9	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 52.17 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002292.D
 Acq: 05 Jun 2018 06:18

Tgt Ion:	69	Resp:	243659
Ion	Ratio	Lower	Upper
69	100		
41	73.7	60.3	90.5
39	44.9	35.8	53.8





#57

1,3-Dichloropropane

Concen: 52.41 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

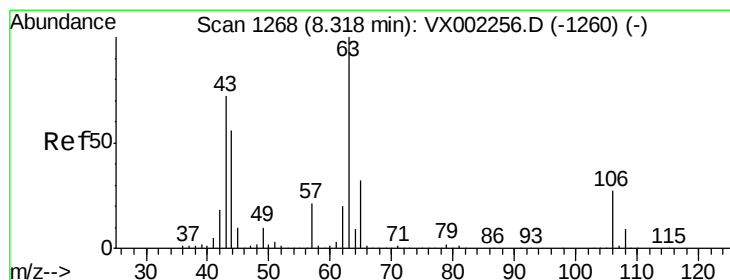
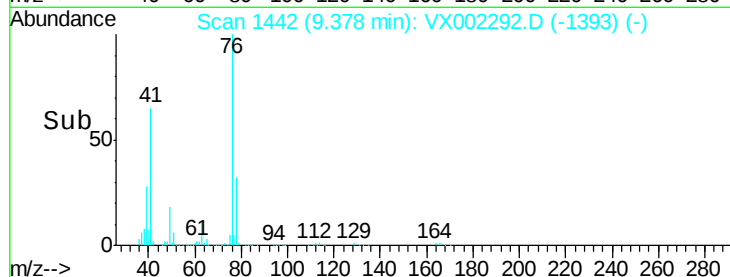
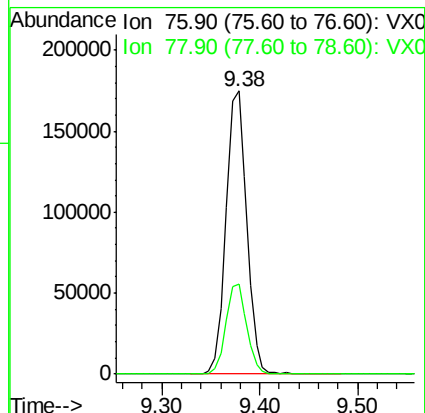
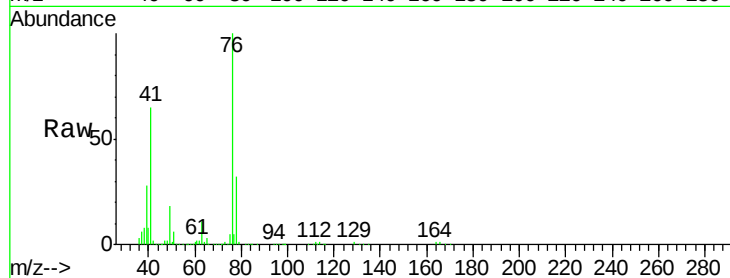
SS052MW750-180531MS

Tot Ion: 76 Resp: 257229

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 0.21 ug/l

RT: 8.29 min Scan# 1264

Delta R.T. -0.02 min

Lab File: VX002292.D

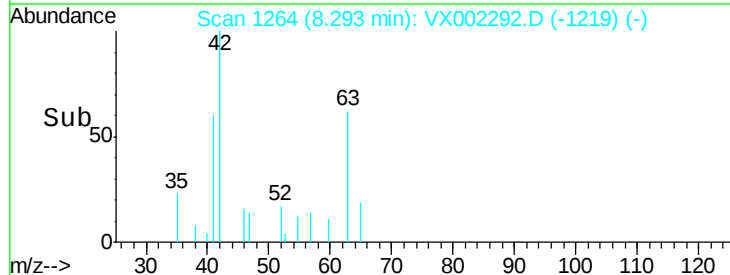
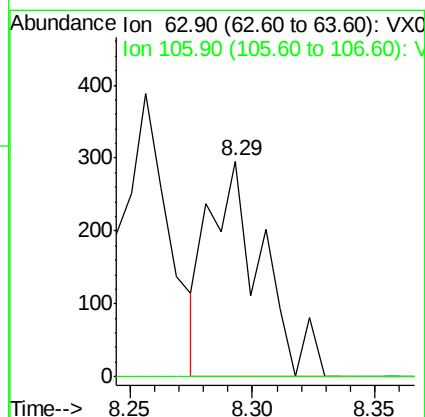
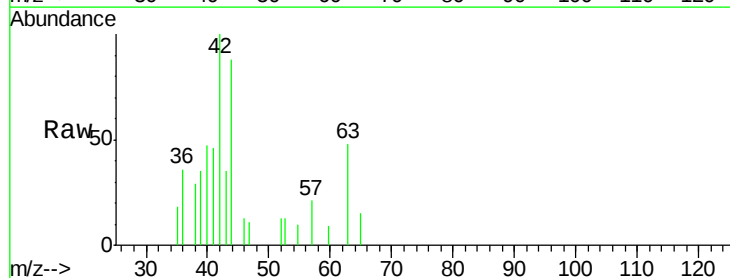
Acq: 05 Jun 2018 06:18

Tgt Ion: 63 Resp: 446

Ion Ratio Lower Upper

63 100

106 0.0 21.8 32.8#

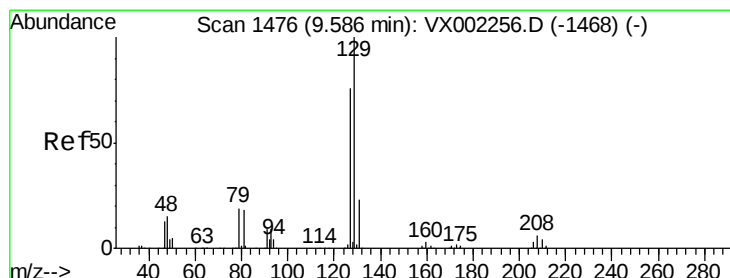
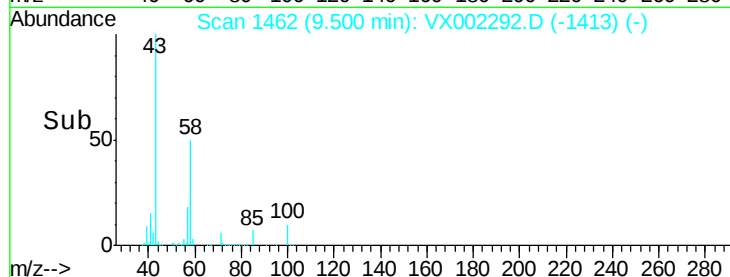
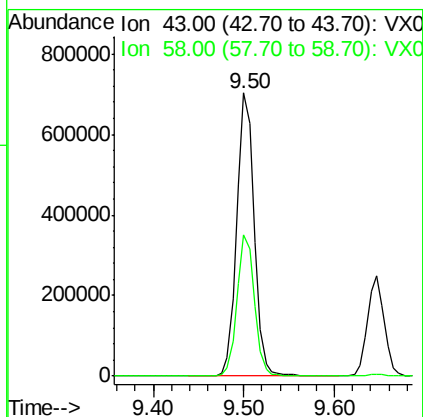
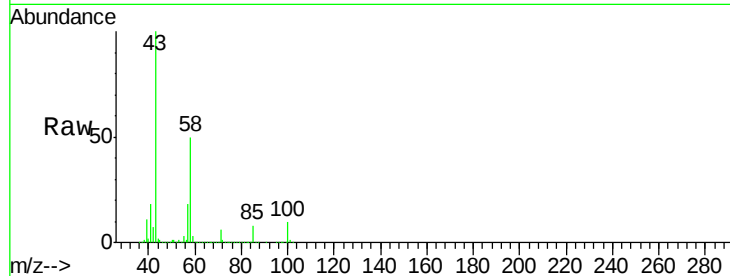




#59
2-Hexanone
Concen: 261.57 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

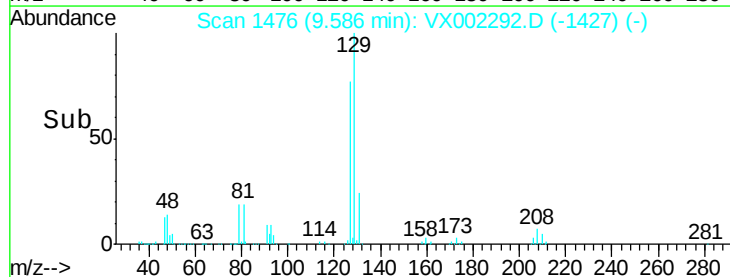
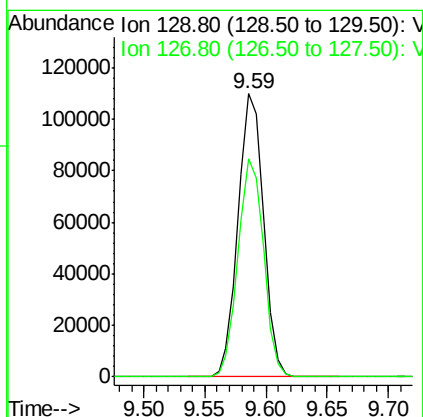
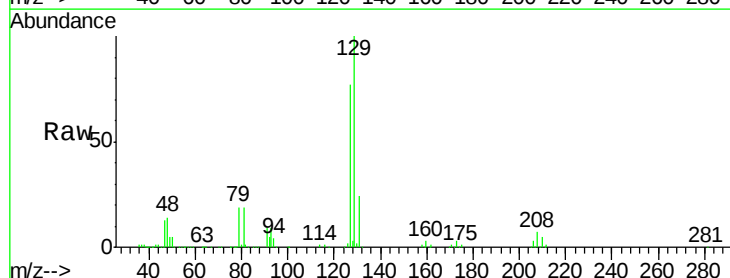
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MS

Tot Ion: 43 Resp: 937369
Ion Ratio Lower Upper
43 100
58 49.8 24.6 73.6



#60
Dibromochloromethane
Concen: 53.83 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

Tgt Ion: 129 Resp: 158401
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.88 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

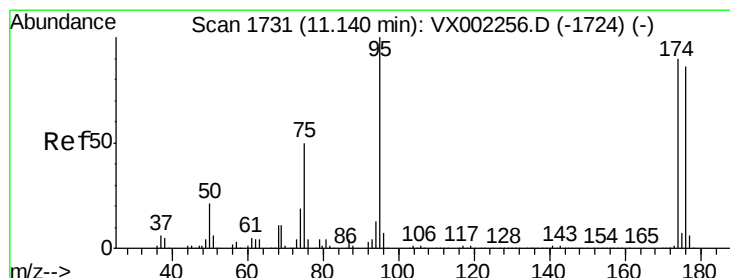
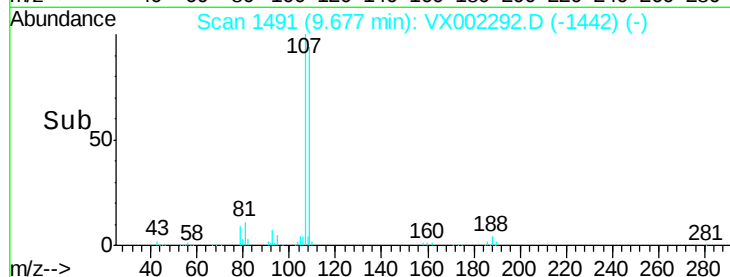
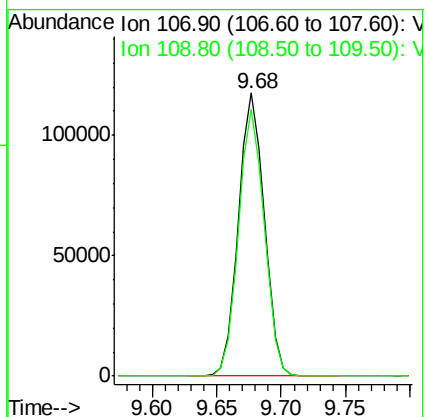
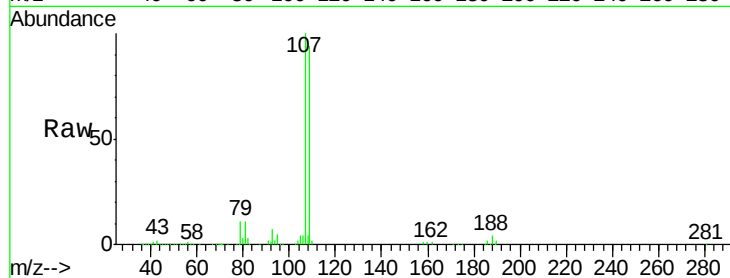
SS052MW750-180531MS

Tot Ion:107 Resp: 164360

Ion Ratio Lower Upper

107 100

109 93.8 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 47.99 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

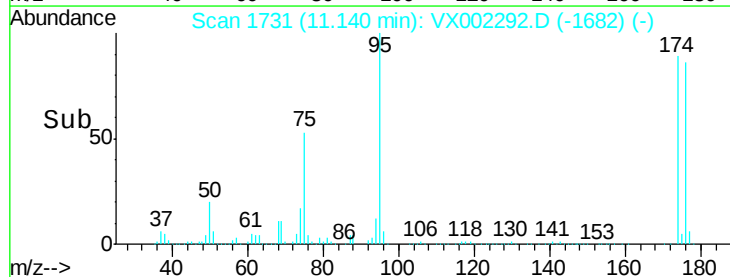
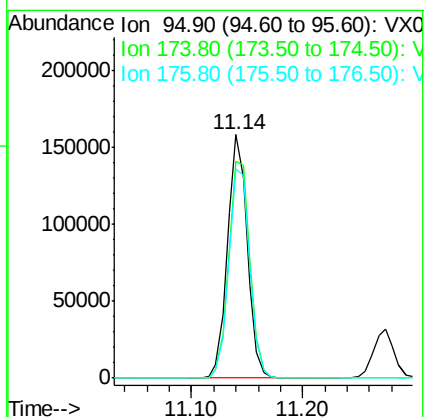
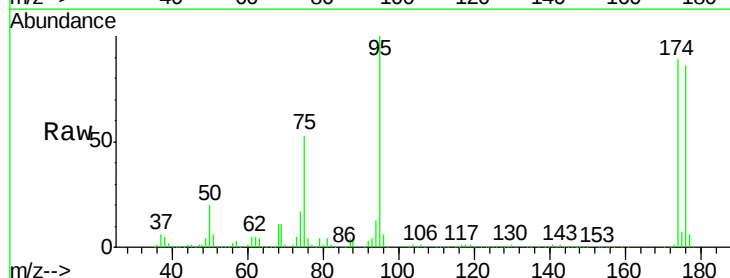
Tgt Ion: 95 Resp: 193512

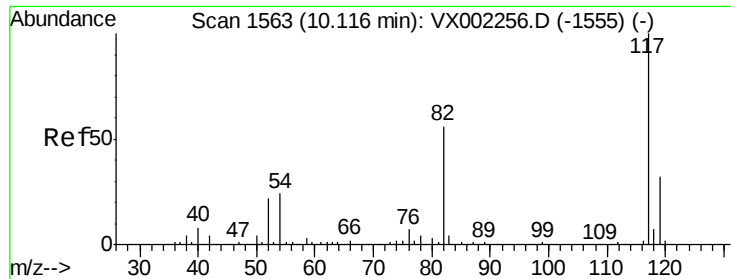
Ion Ratio Lower Upper

95 100

174 96.0 0.0 187.4

176 91.6 0.0 181.0

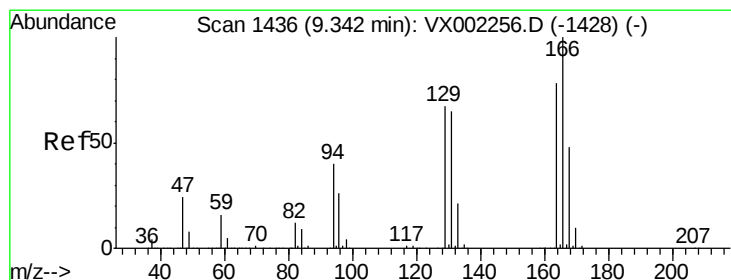
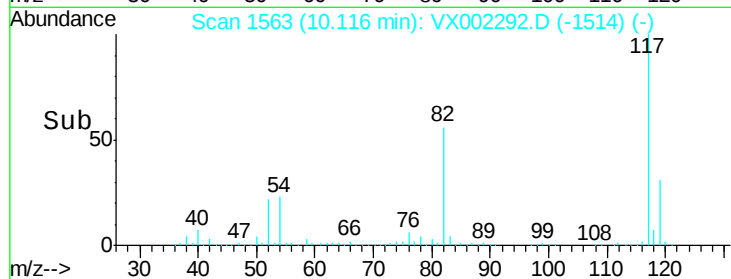
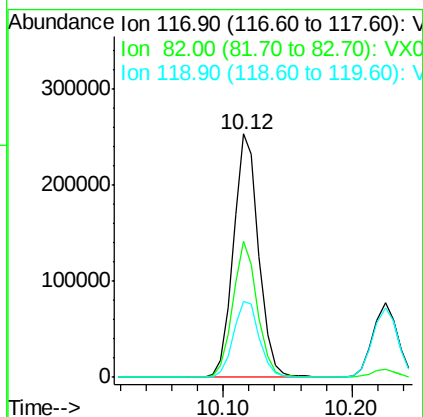
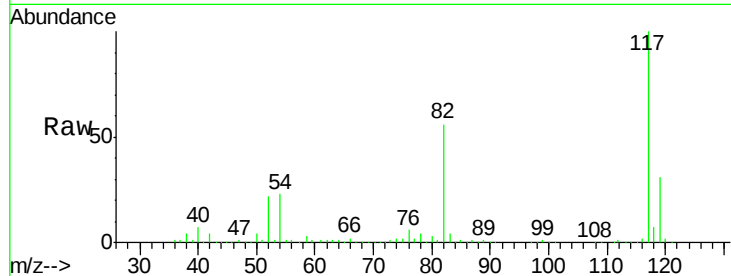




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

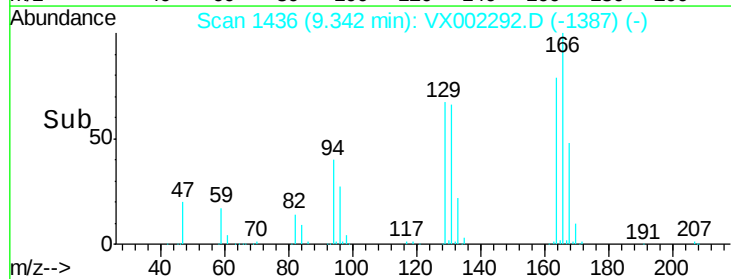
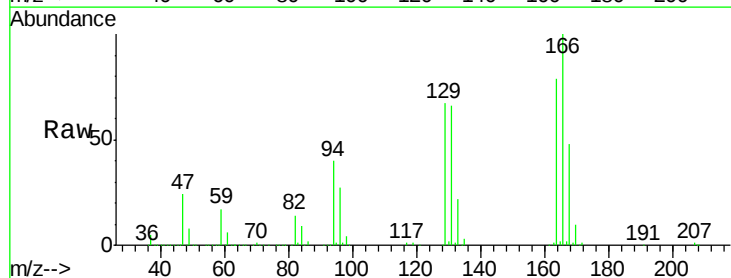
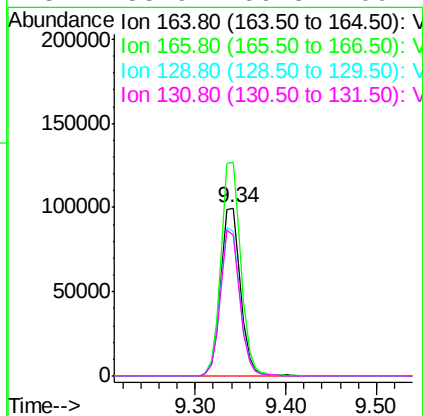
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MS

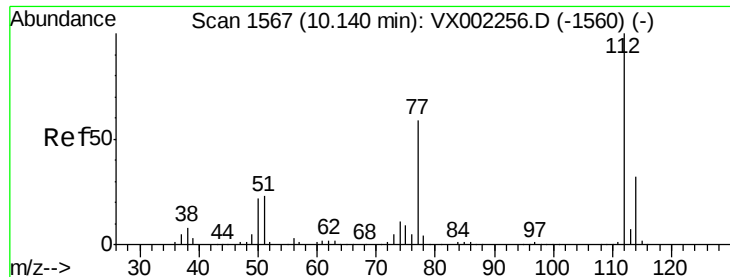
Tot Ion:117 Resp: 344799
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.4
119 31.2 25.8 38.6



#64
Tetrachloroethene
Concen: 42.62 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

Tgt Ion:164 Resp: 151570
Ion Ratio Lower Upper
164 100
166 127.3 102.9 154.3
129 85.9 68.6 102.8
131 83.9 66.8 100.2

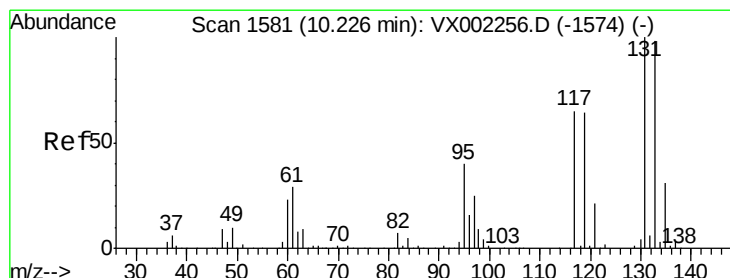
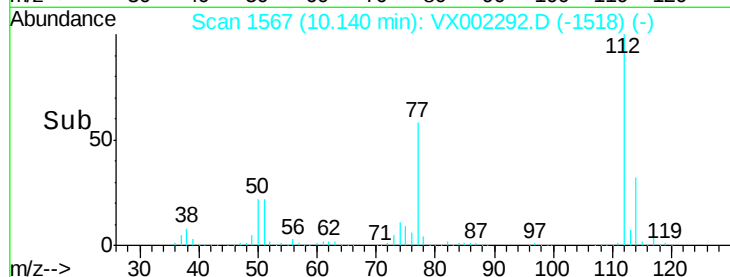
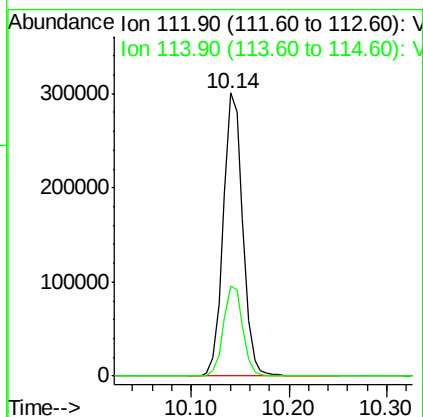
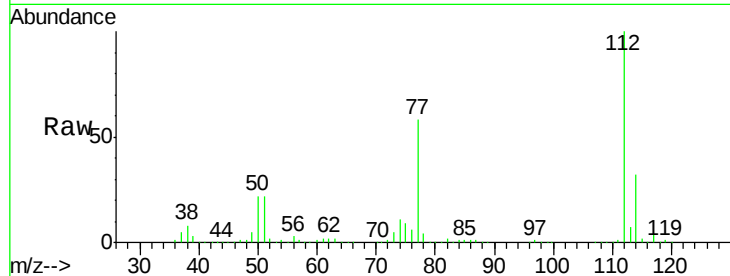




#65
Chlorobenzene
Concen: 48.42 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

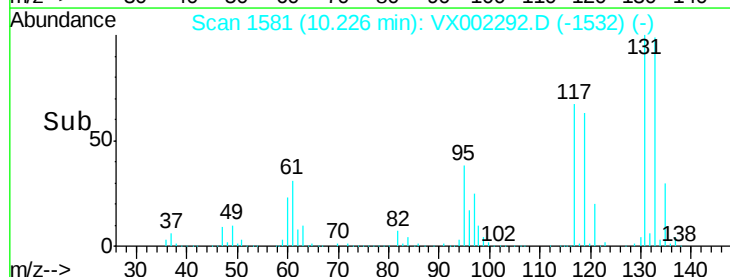
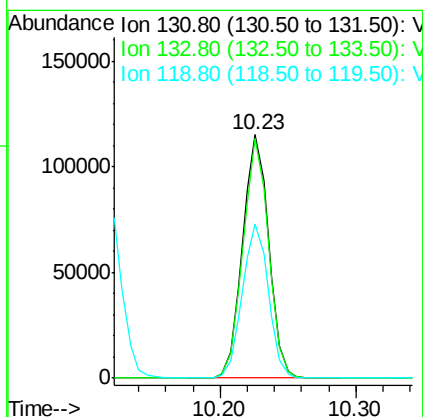
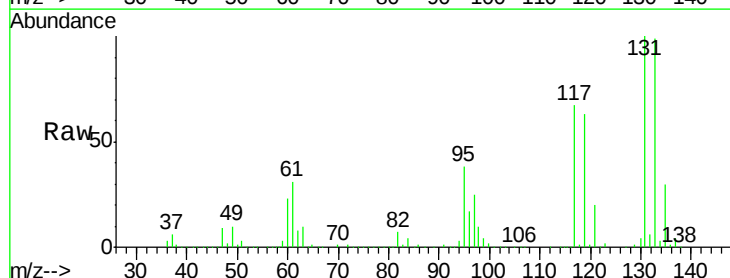
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MS

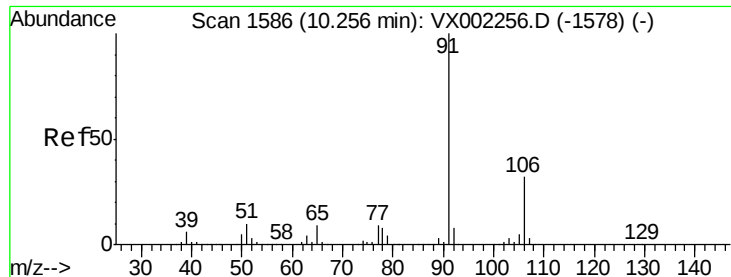
Tot Ion:112 Resp: 415435
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.77 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

Tgt Ion:131 Resp: 154616
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.6
119 63.3 31.8 95.3





#67

Ethyl Benzene

Concen: 47.44 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

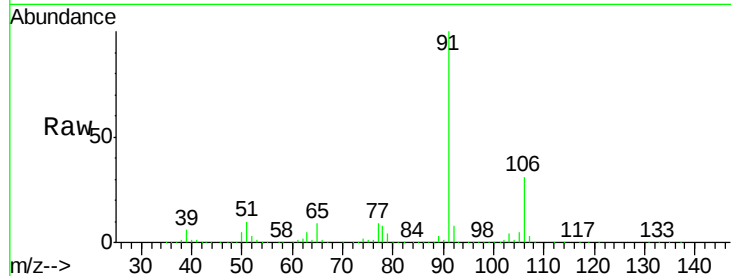
SS052MW750-180531MS

Tot Ion: 91 Resp: 681111

Ion Ratio Lower Upper

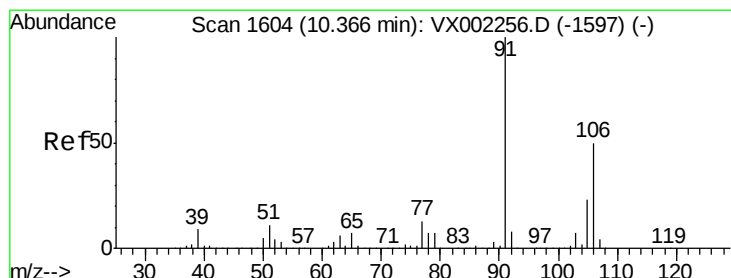
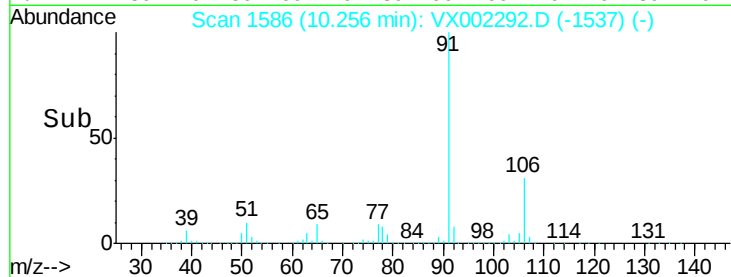
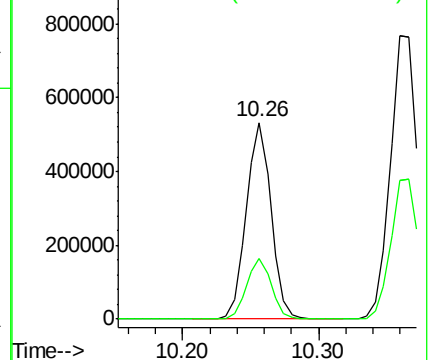
91 100

106 31.0 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 95.79 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002292.D

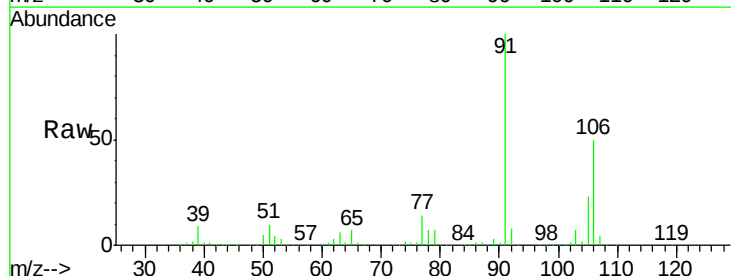
Acq: 05 Jun 2018 06:18

Tgt Ion: 106 Resp: 534634

Ion Ratio Lower Upper

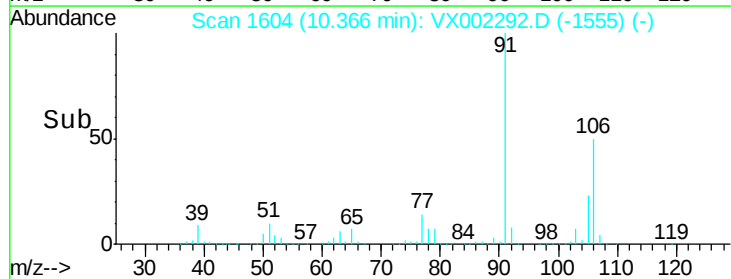
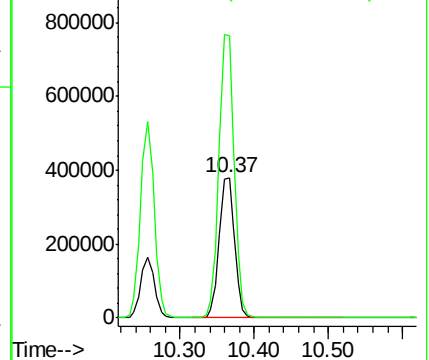
106 100

91 201.7 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

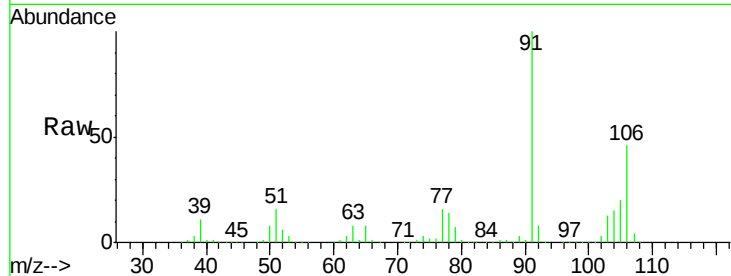




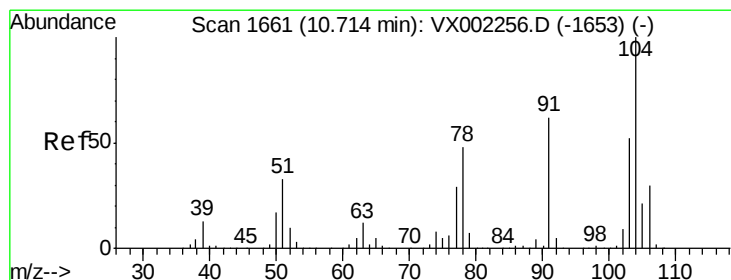
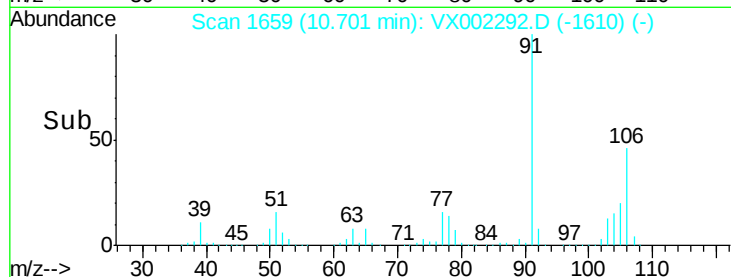
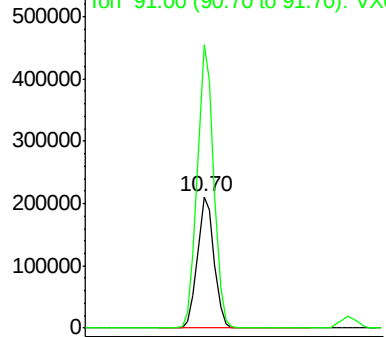
#69
o-Xylene
Concen: 49.36 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-180531MS

Tot Ion:106 Resp: 274167
Ion Ratio Lower Upper
106 100
91 214.0 108.2 324.6

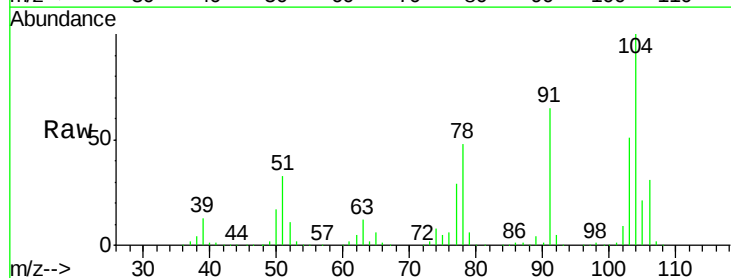


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

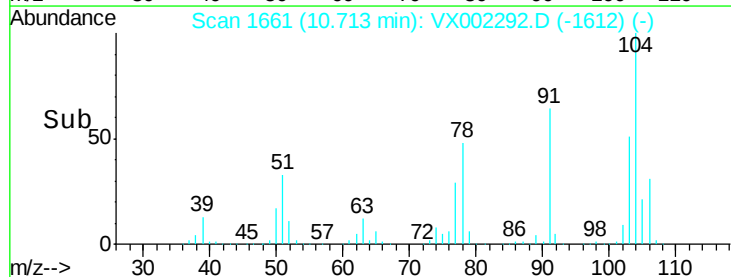
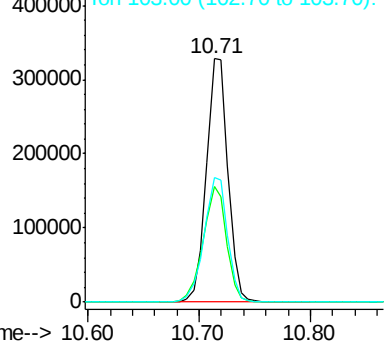


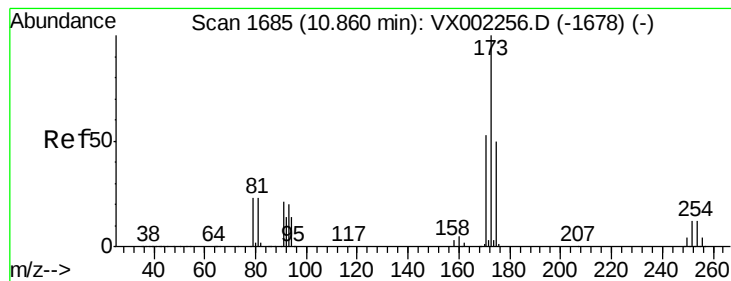
#70
Styrene
Concen: 48.43 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002292.D
Acq: 05 Jun 2018 06:18

Tgt Ion:104 Resp: 439774
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.6
103 55.8 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 45.07 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MS

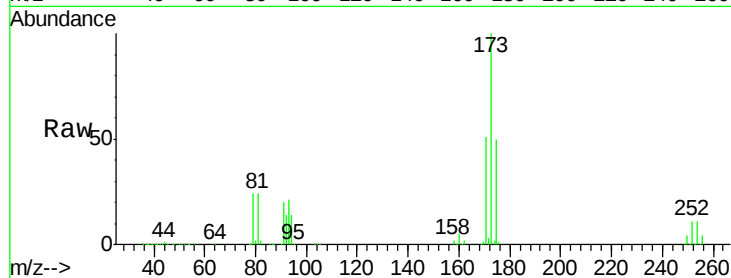
Tot Ion:173 Resp: 124387

Ion Ratio Lower Upper

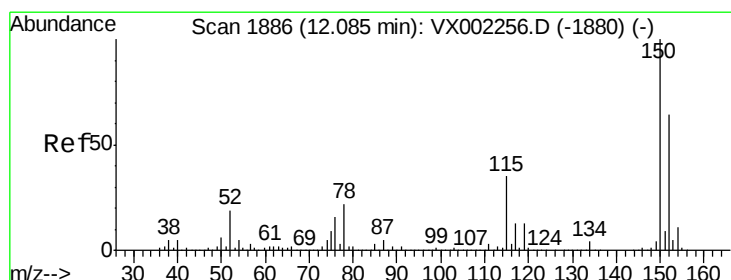
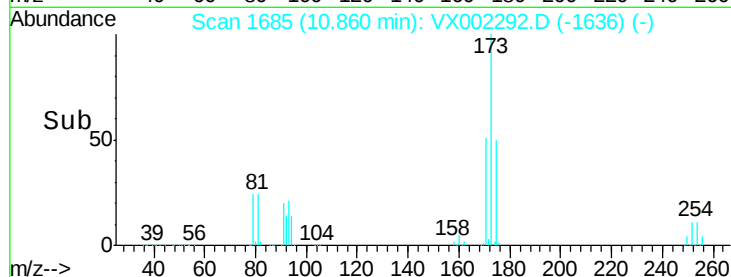
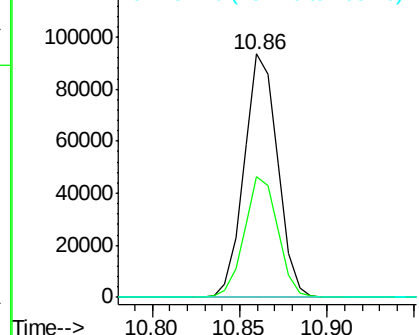
173 100

175 49.6 24.7 74.1

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

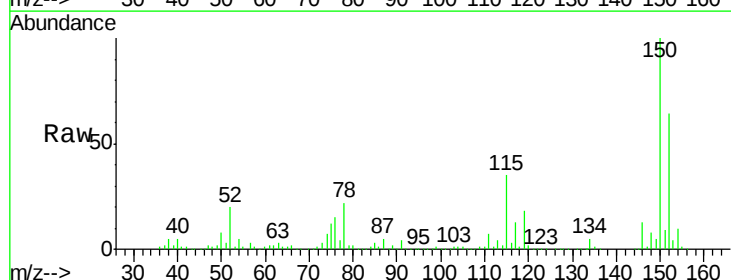
Tgt Ion:152 Resp: 214616

Ion Ratio Lower Upper

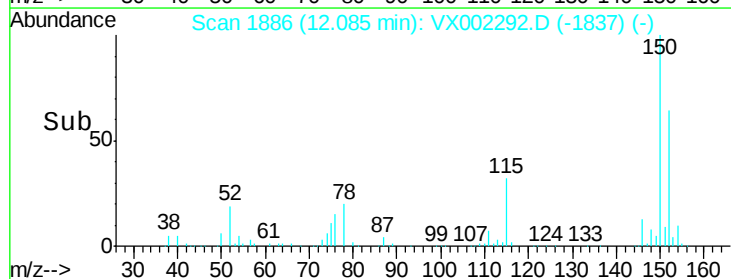
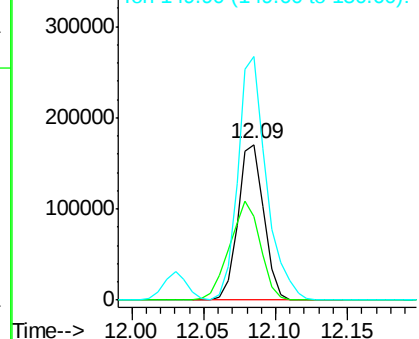
152 100

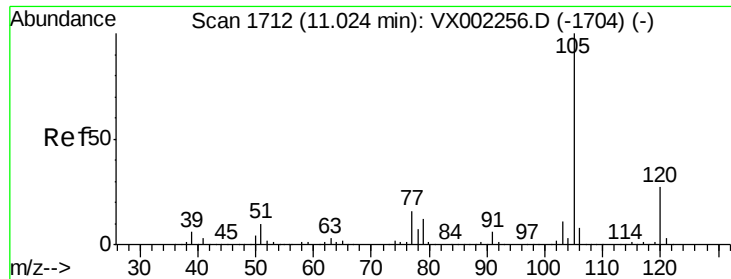
115 76.0 40.1 120.2

150 171.7 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.12 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

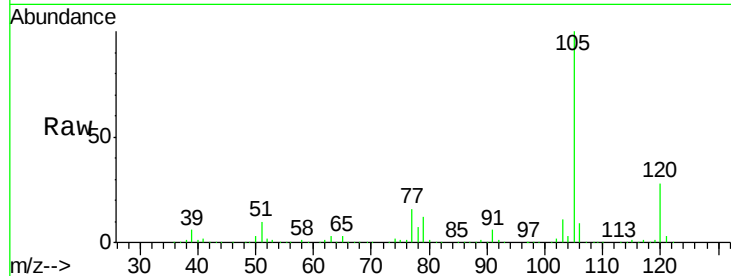
SS052MW750-180531MS

Tot Ion:105 Resp: 673594

Ion Ratio Lower Upper

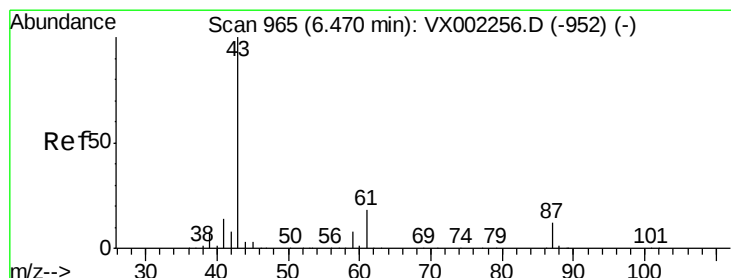
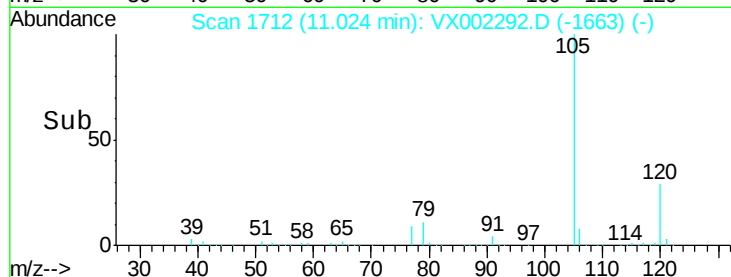
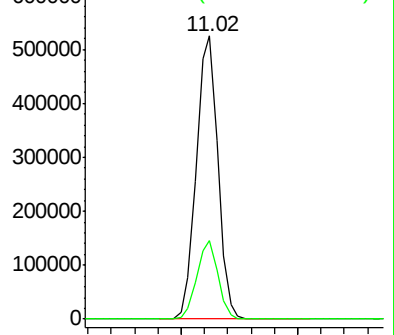
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.29 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Tgt Ion: 43 Resp: 356280

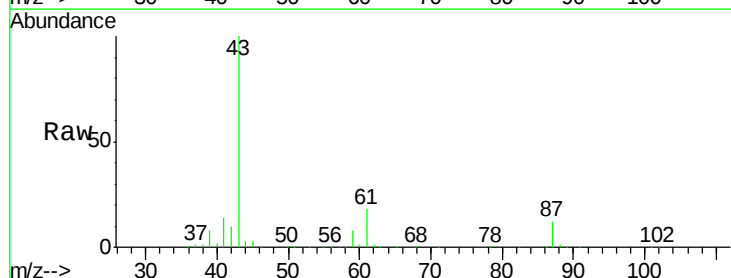
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.3 14.4 21.6

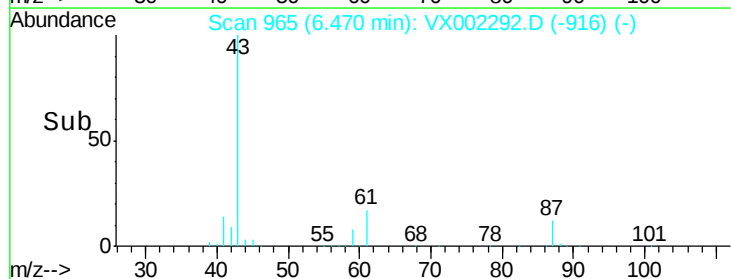
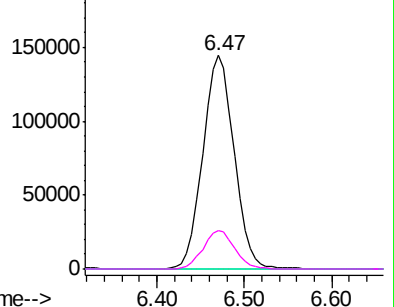


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.18 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

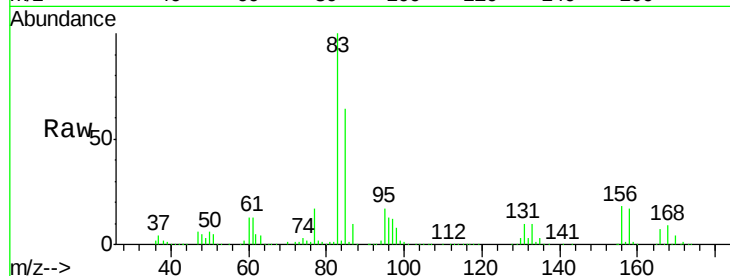
MSVOA_X

ClientSampleId :

SS052MW750-180531MS

Tot Ion: 83 Resp: 235627

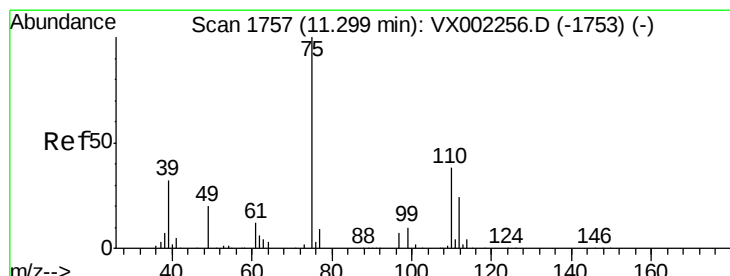
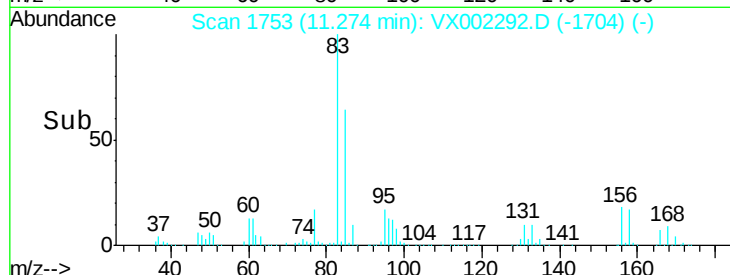
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.6	16.8
85	64.3	32.4	97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 57.70 ug/l

RT: 11.30 min Scan# 1757

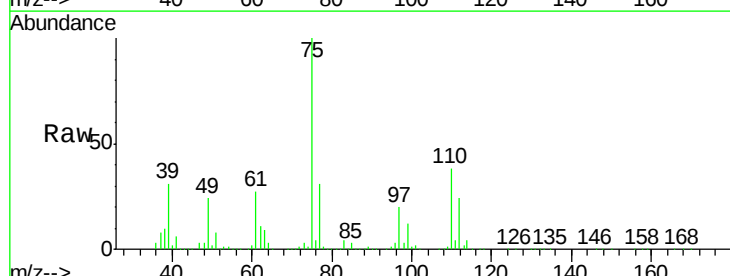
Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

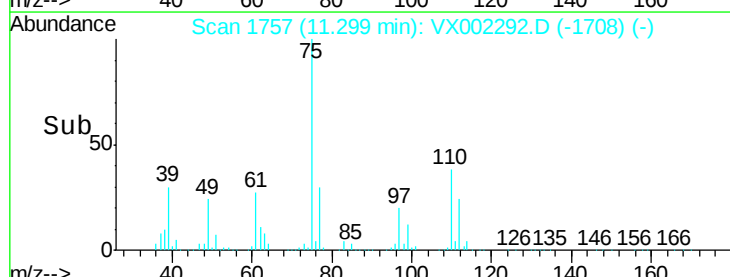
Tgt Ion: 75 Resp: 271722

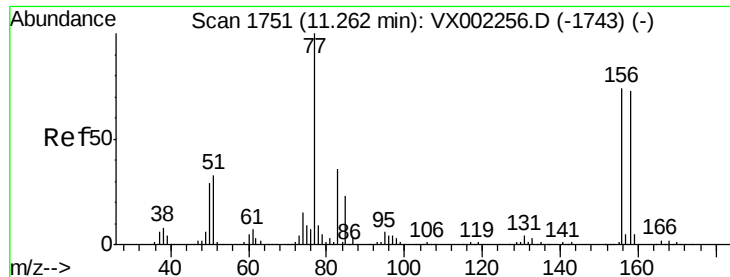
Ion	Ratio	Lower	Upper
75	100		
77	32.0	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.95 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MS

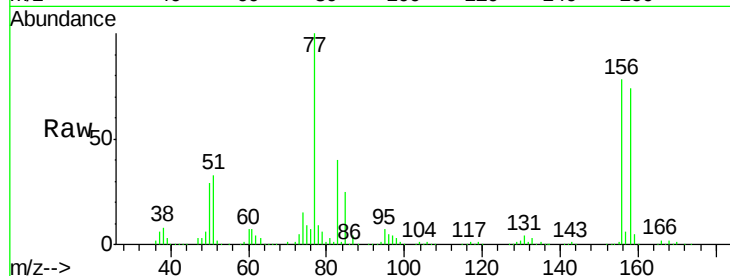
Tot Ion:156 Resp: 205172

Ion Ratio Lower Upper

156 100

77 141.0 71.4 214.2

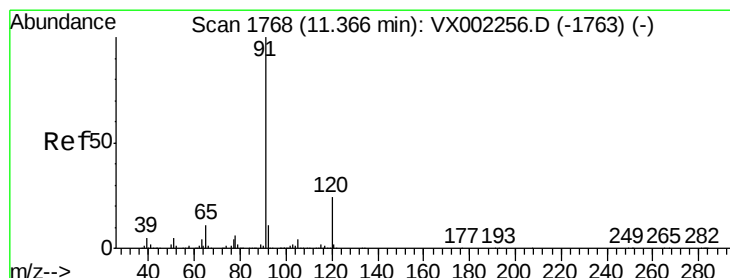
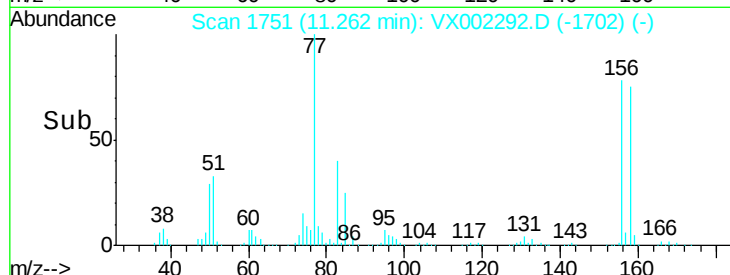
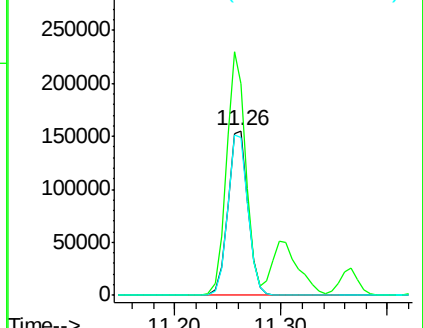
158 97.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.14 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002292.D

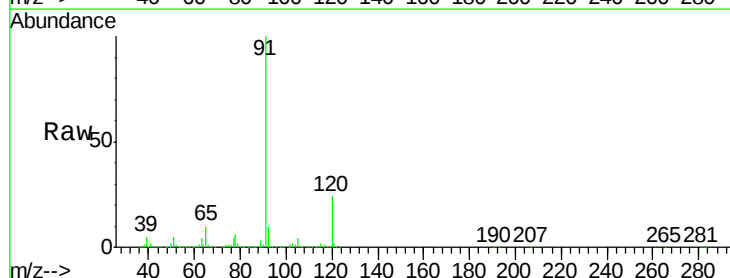
Acq: 05 Jun 2018 06:18

Tgt Ion: 91 Resp: 748973

Ion Ratio Lower Upper

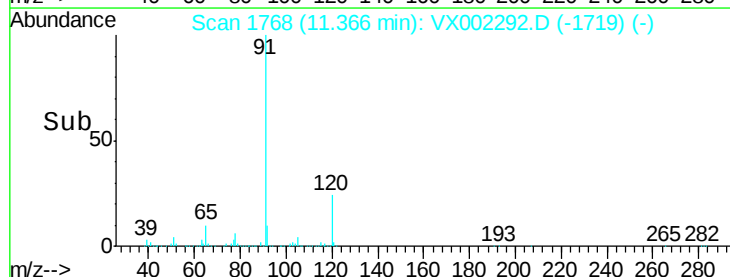
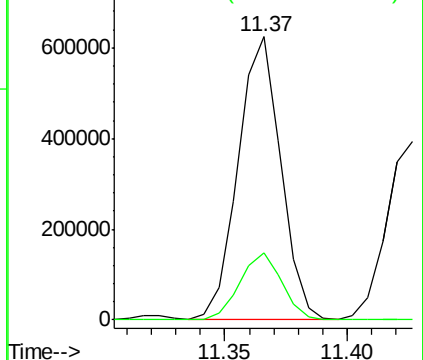
91 100

120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.62 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

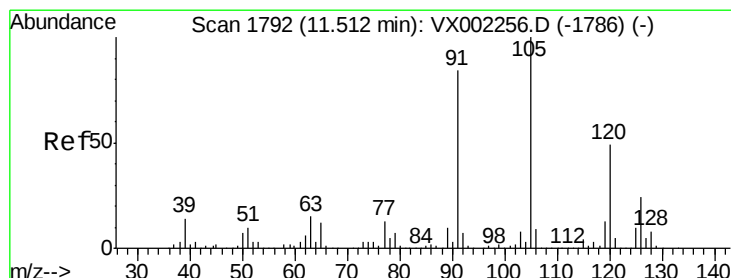
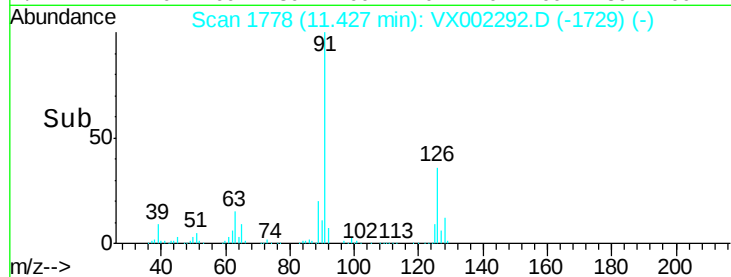
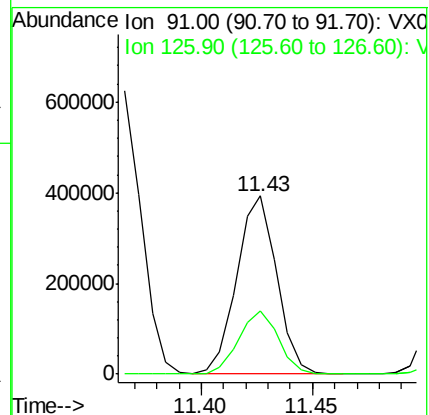
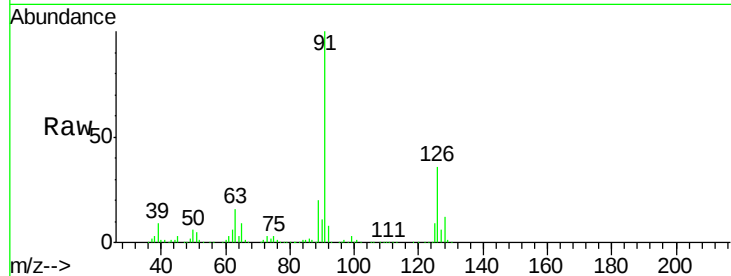
SS052MW750-180531MS

Tot Ion: 91 Resp: 488503

Ion Ratio Lower Upper

91 100

126 35.6 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 46.65 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002292.D

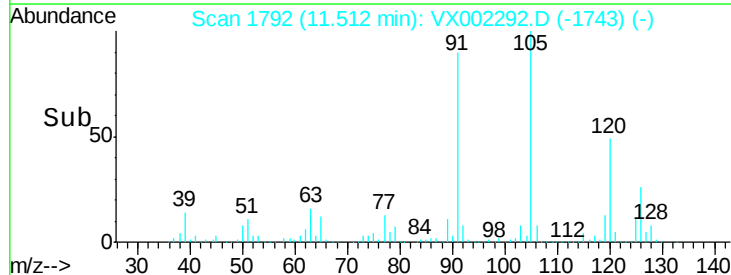
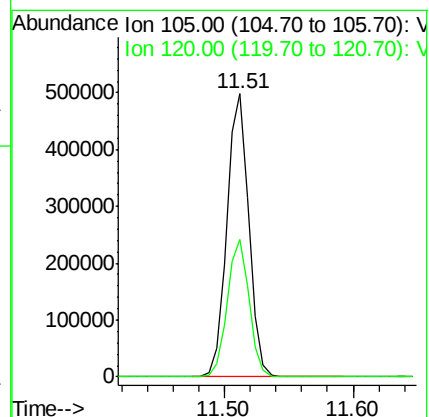
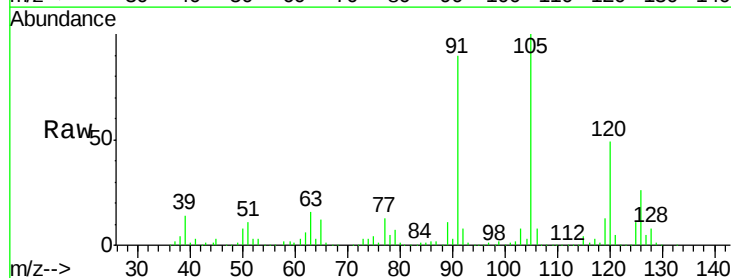
Acq: 05 Jun 2018 06:18

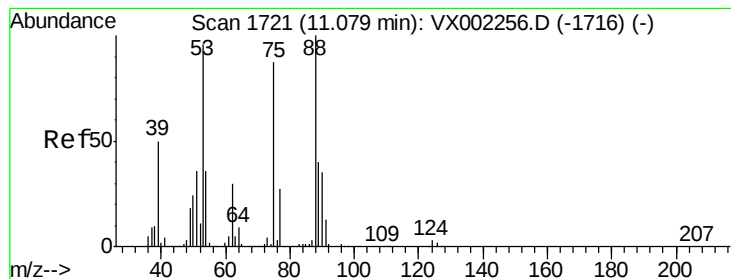
Tgt Ion: 105 Resp: 597342

Ion Ratio Lower Upper

105 100

120 48.4 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 42.17 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MS

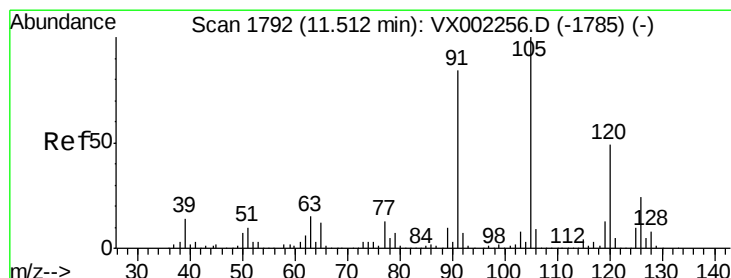
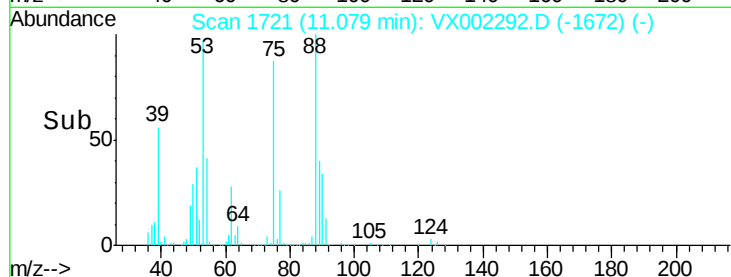
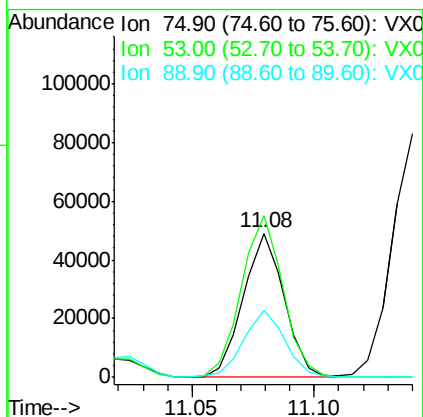
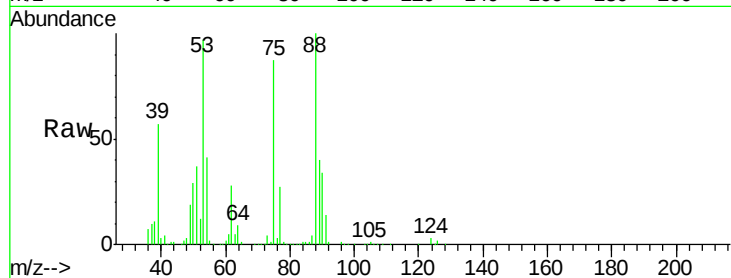
Tot Ion: 75 Resp: 56650

Ion Ratio Lower Upper

75 100

53 114.3 86.8 130.2

89 47.2 38.2 57.2



#82

4-Chlorotoluene

Concen: 47.54 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002292.D

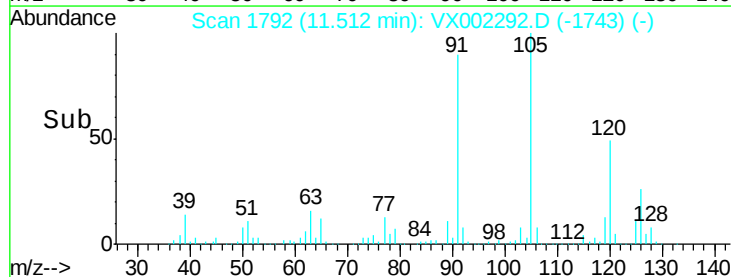
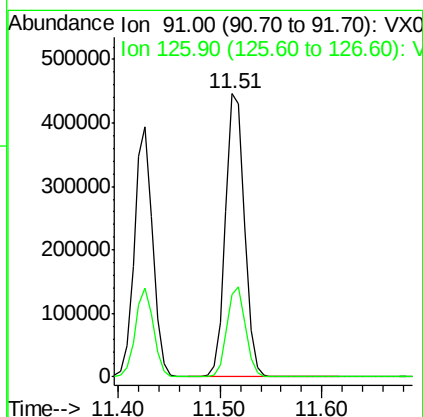
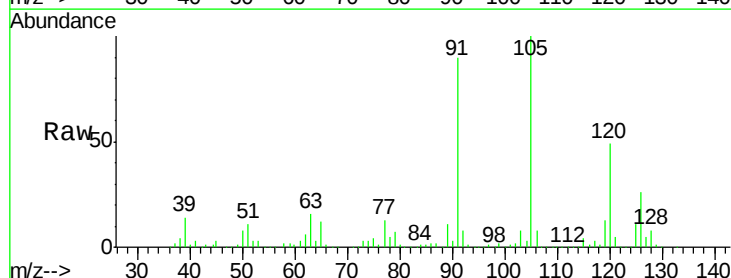
Acq: 05 Jun 2018 06:18

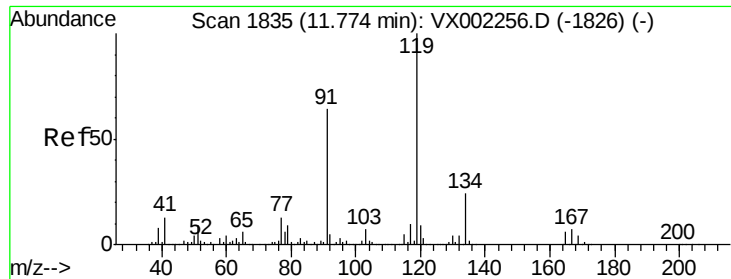
Tgt Ion: 91 Resp: 574997

Ion Ratio Lower Upper

91 100

126 30.9 15.4 46.4

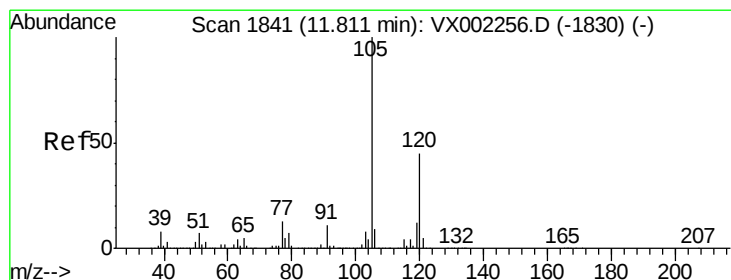
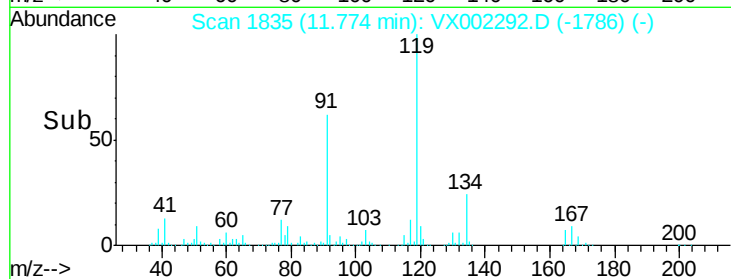
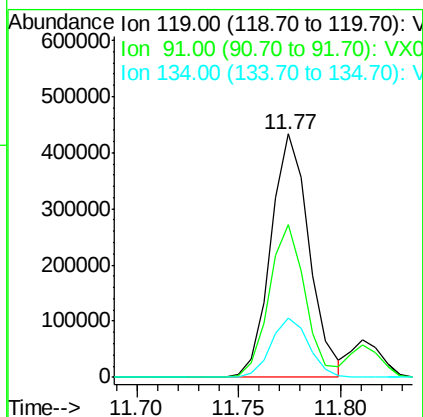
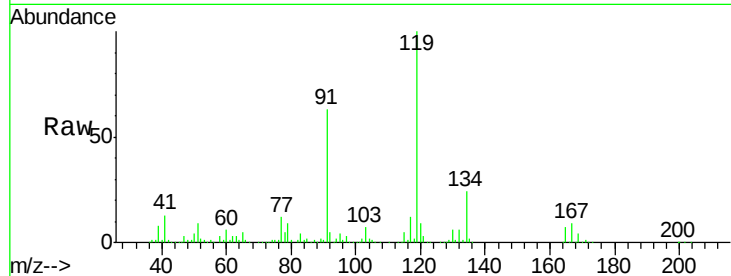




#83
 tert-Butylbenzene
 Concen: 45.65 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002292.D
 Acq: 05 Jun 2018 06:18

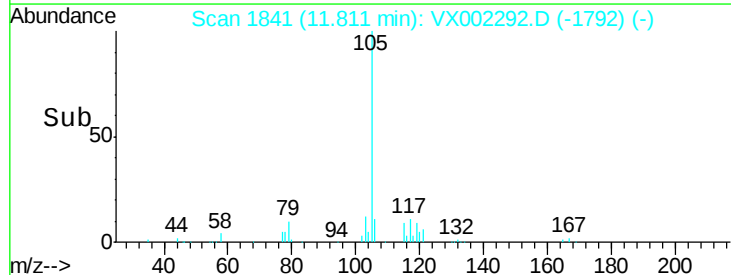
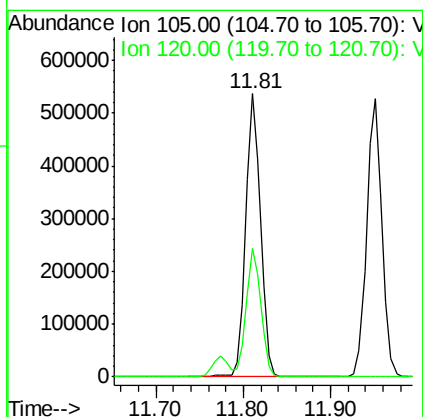
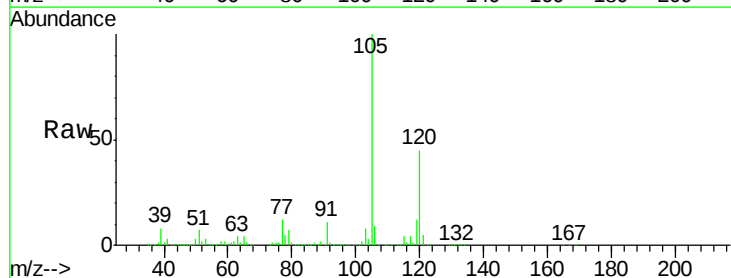
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MS

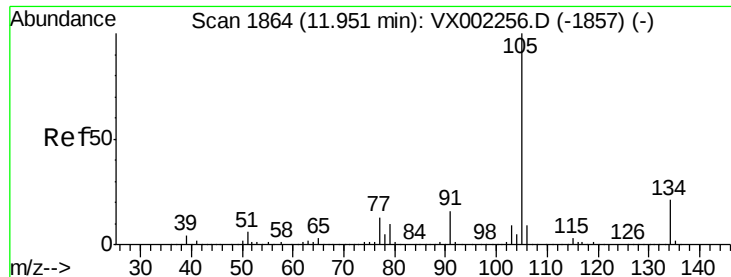
Tot Ion:119 Resp: 569262
 Ion Ratio Lower Upper
 119 100
 91 59.1 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 47.85 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002292.D
 Acq: 05 Jun 2018 06:18

Tgt Ion:105 Resp: 630767
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 44.06 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

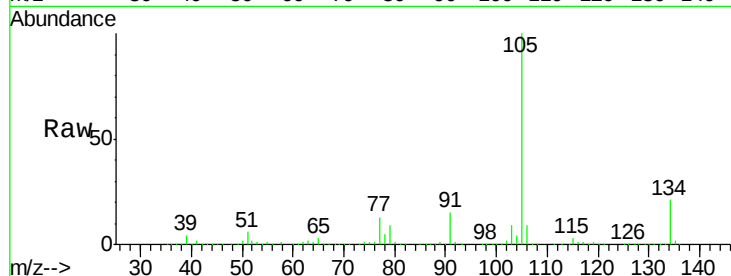
SS052MW750-180531MS

Tot Ion:105 Resp: 644098

Ion Ratio Lower Upper

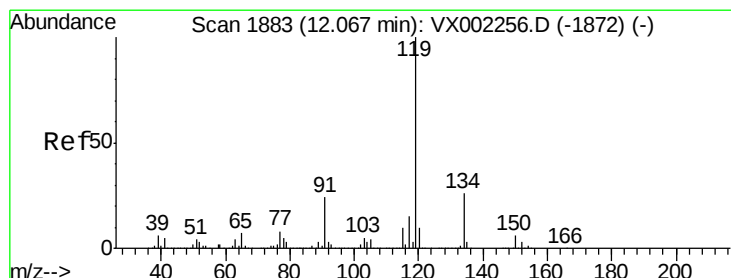
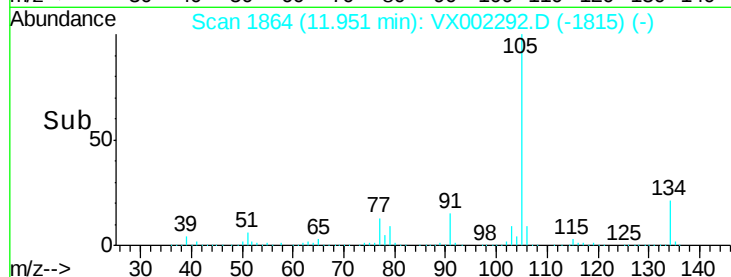
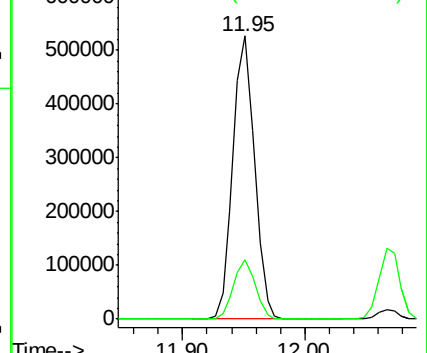
105 100

134 21.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.55 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

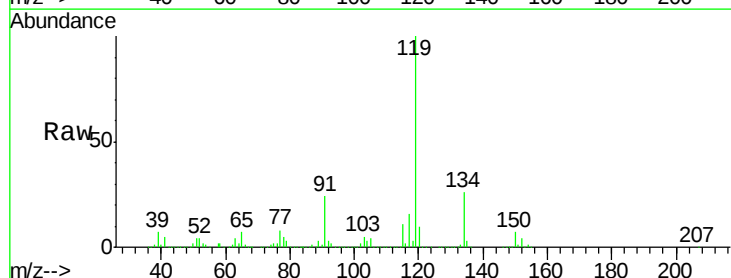
Tgt Ion:119 Resp: 593173

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

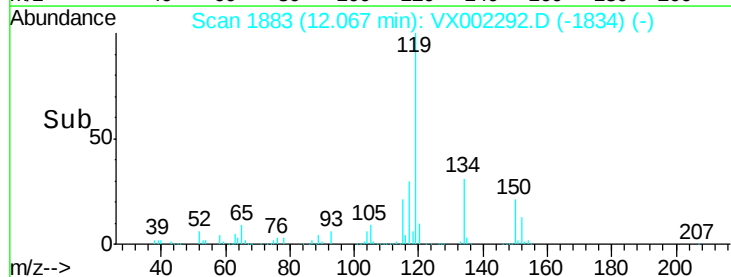
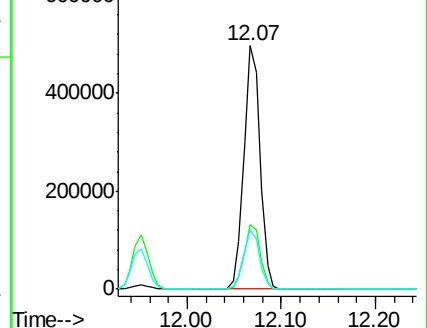
91 24.0 11.9 35.7

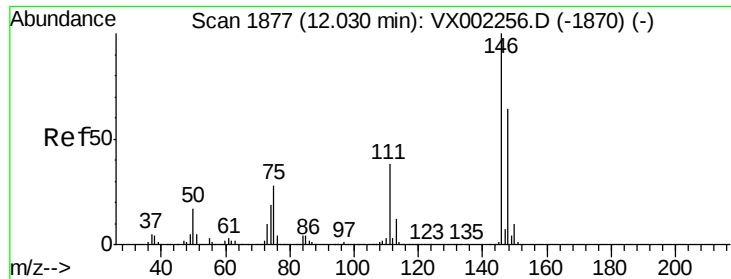


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.01 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MS

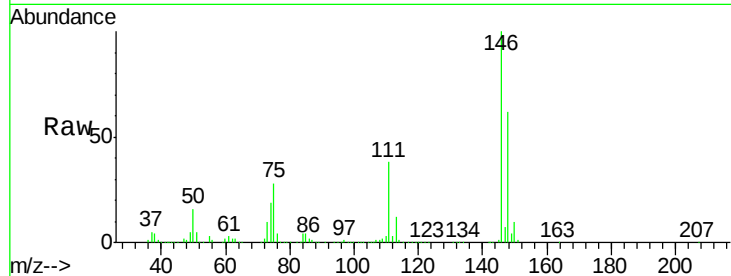
Tot Ion:146 Resp: 359827

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.7

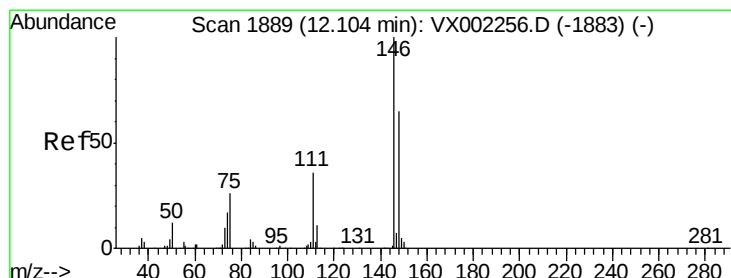
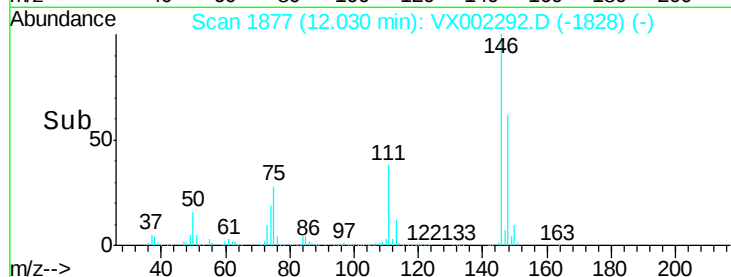
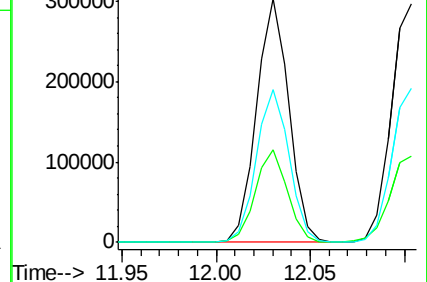
148 63.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.45 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

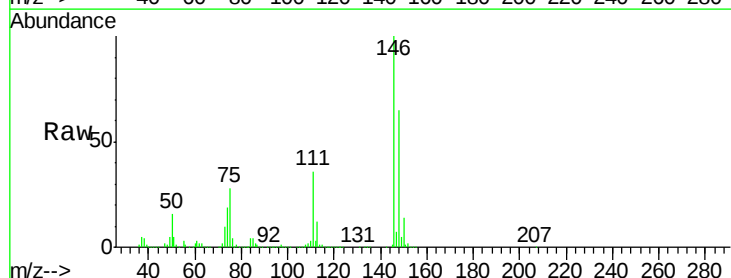
Tgt Ion:146 Resp: 366556

Ion Ratio Lower Upper

146 100

111 36.8 18.7 56.1

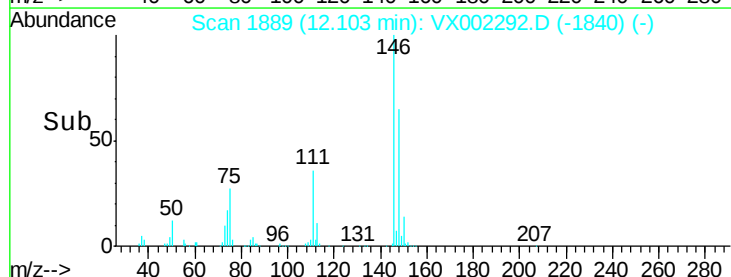
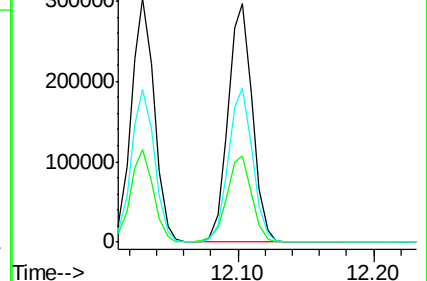
148 64.2 32.4 97.0

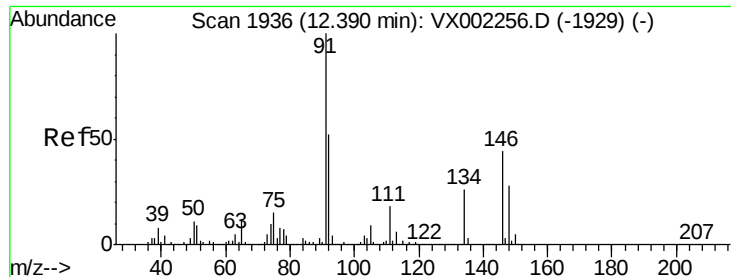


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 42.11 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MS

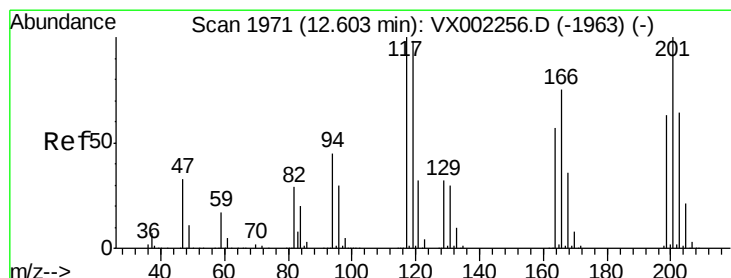
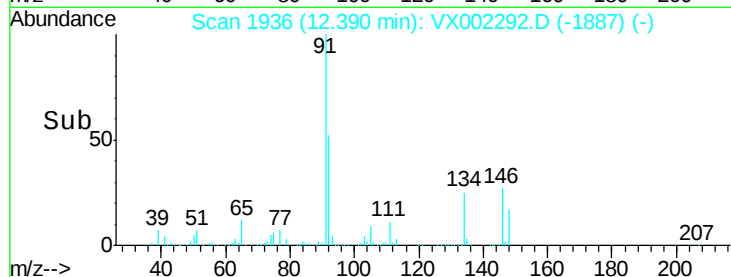
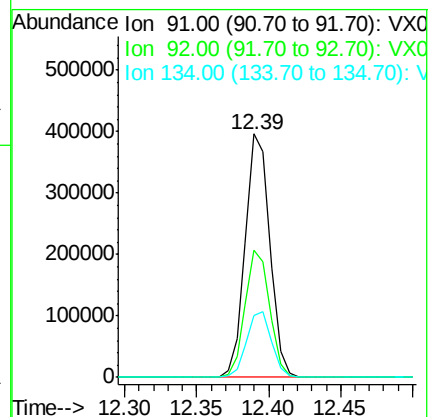
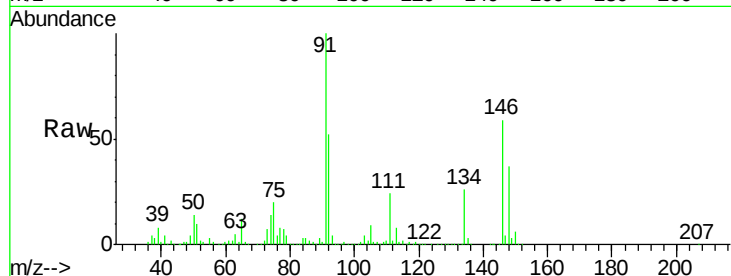
Tot Ion: 91 Resp: 470256

Ion Ratio Lower Upper

91 100

92 52.2 26.0 78.0

134 27.1 13.5 40.5



#90

Hexachloroethane

Concen: 44.06 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002292.D

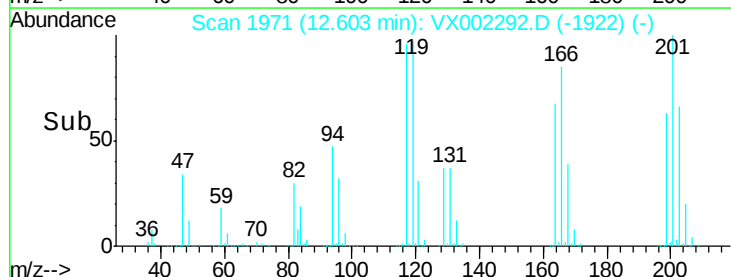
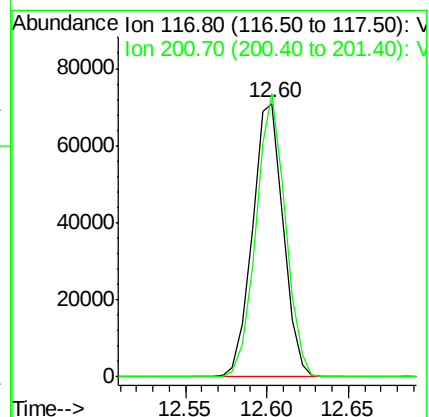
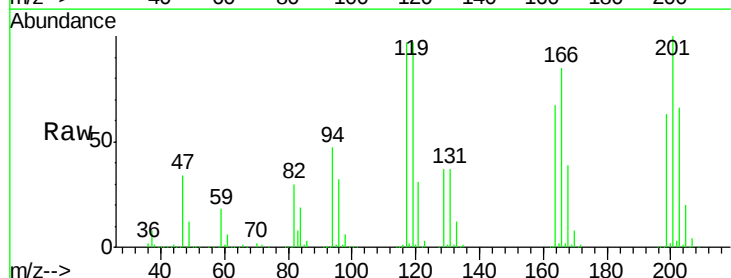
Acq: 05 Jun 2018 06:18

Tgt Ion: 117 Resp: 93662

Ion Ratio Lower Upper

117 100

201 97.9 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 49.50 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MS

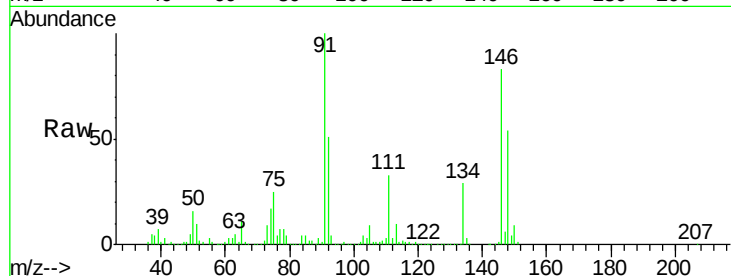
Tot Ion:146 Resp: 383813

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.1

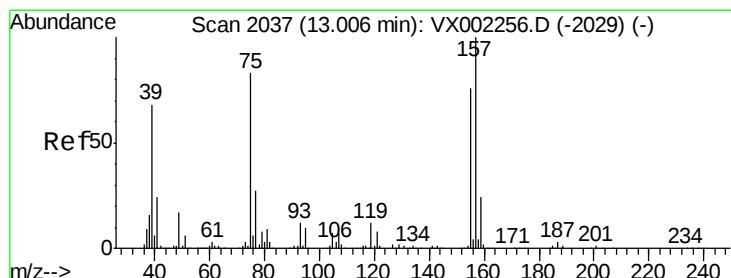
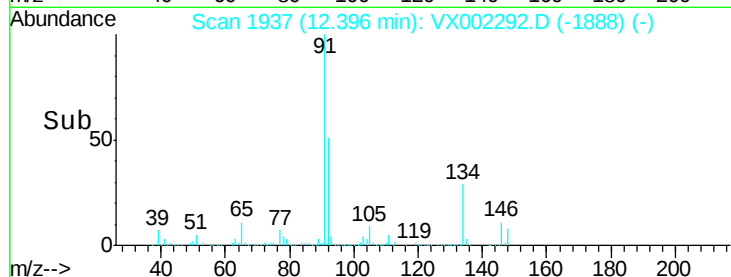
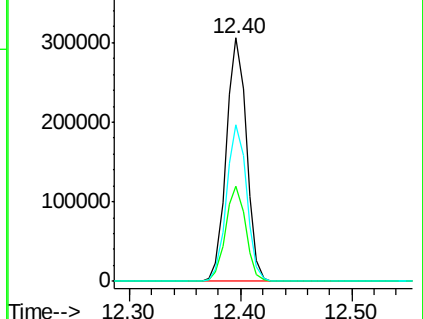
148 64.3 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.83 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

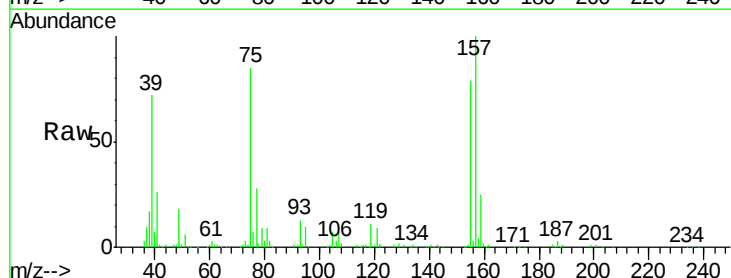
Tgt Ion: 75 Resp: 52194

Ion Ratio Lower Upper

75 100

155 93.7 45.8 137.4

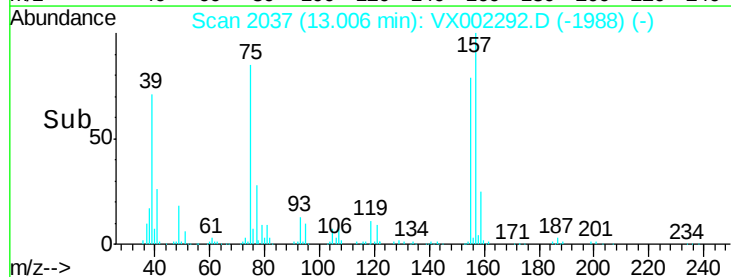
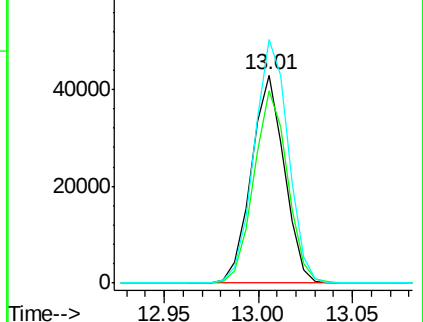
157 120.7 60.1 180.3

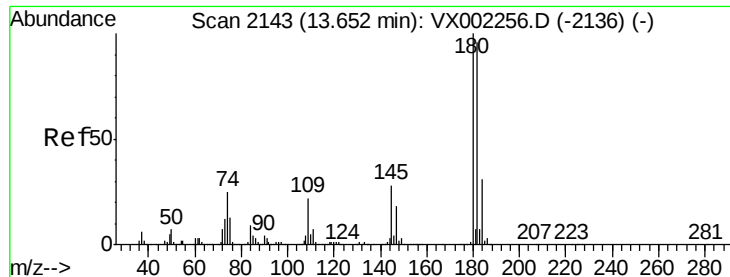


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

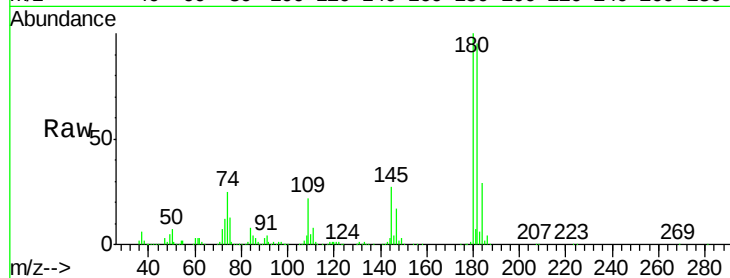




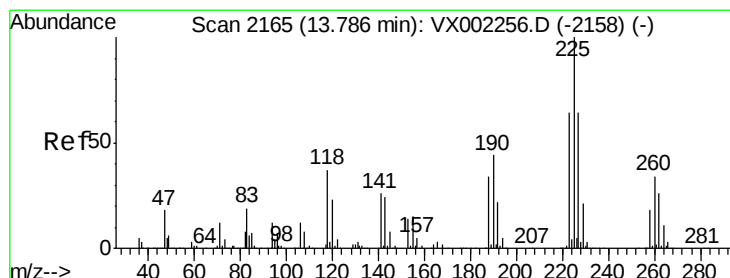
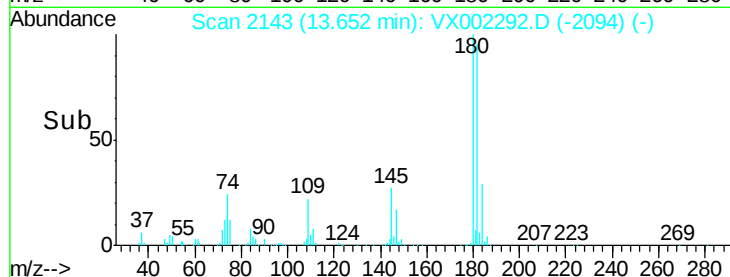
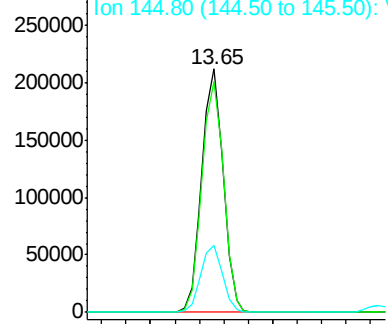
#93
 1,2,4-Trichlorobenzene
 Concen: 47.06 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002292.D
 Acq: 05 Jun 2018 06:18

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MS

Tot Ion:180 Resp: 255844
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.7 143.1
 145 27.9 14.1 42.4

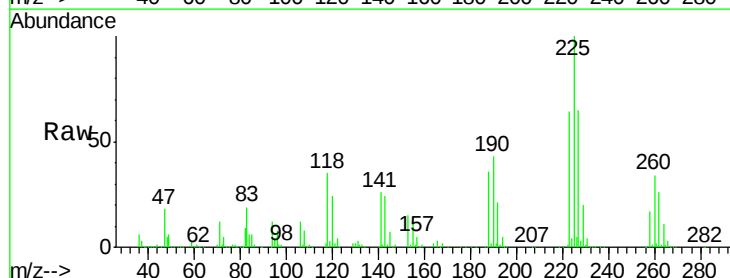


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

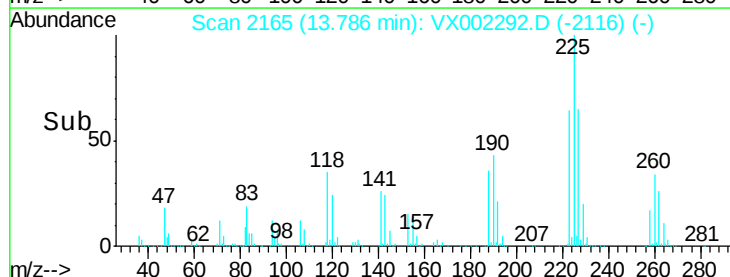
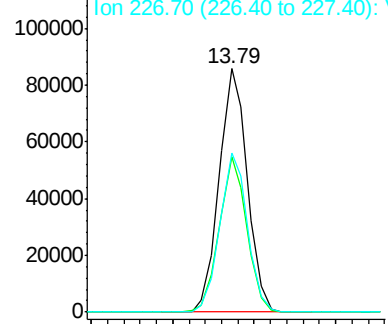


#94
 Hexachlorobutadiene
 Concen: 38.45 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002292.D
 Acq: 05 Jun 2018 06:18

Tgt Ion:225 Resp: 103311
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.6 95.0
 227 64.2 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.11 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-180531MS

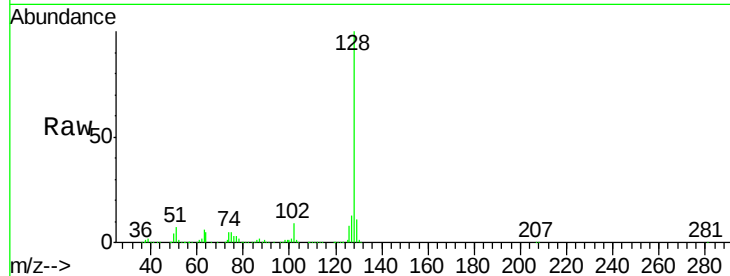
Tot Ion:128 Resp: 813995

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

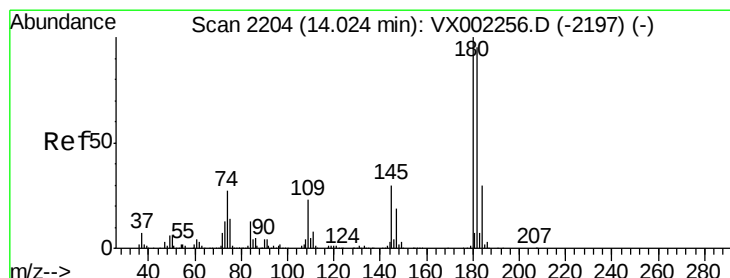
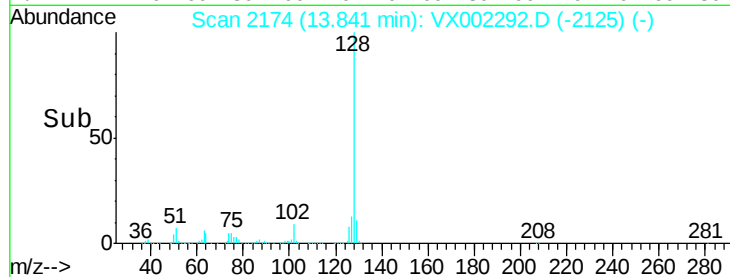
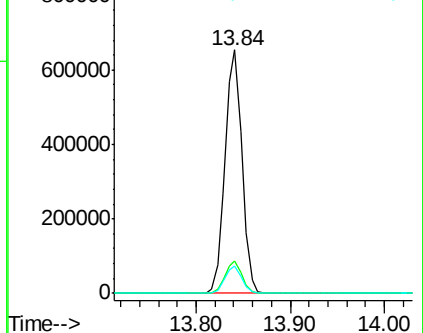
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.57 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002292.D

Acq: 05 Jun 2018 06:18

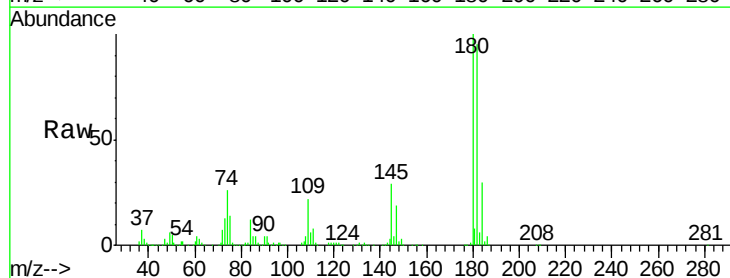
Tgt Ion:180 Resp: 274883

Ion Ratio Lower Upper

180 100

182 95.3 48.0 144.0

145 29.3 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

