

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003205.D
 Acq On : 06 Jul 2018 06:48
 Operator : JC/MD
 Sample : J3844-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

Quant Time: Jul 06 07:36:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349762	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212220	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	145733	42.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.98%	
35) Dibromofluoromethane	5.51	113	129781	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
50) Toluene-d8	8.72	98	399933	39.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.08%	
62) 4-Bromofluorobenzene	11.14	95	175213	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113446	51.21	ug/l	98
3) Chloromethane	1.32	50	114075	49.58	ug/l	99
4) Vinyl Chloride	1.40	62	140278	49.98	ug/l	98
5) Bromomethane	1.64	94	33088	23.83	ug/l	99
6) Chloroethane	1.72	64	87286	53.15	ug/l	97
7) Trichlorofluoromethane	1.93	101	227585	48.07	ug/l	99
8) Diethyl Ether	2.19	74	88974	51.70	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	132480	48.30	ug/l	97
10) Methyl Iodide	2.51	142	169046	59.43	ug/l	97
11) Tert butyl alcohol	3.09	59	196260	287.22	ug/l	99
12) 1,1-Dichloroethene	2.37	96	123186	50.33	ug/l	89
13) Acrolein	2.30	56	104479	275.37	ug/l	100
14) Allyl chloride	2.73	41	224161	46.46	ug/l	93
15) Acrylonitrile	3.15	53	413805	283.53	ug/l	99
16) Acetone	2.45	43	375970	264.68	ug/l	95
17) Carbon Disulfide	2.57	76	308433	47.30	ug/l	99
18) Methyl Acetate	2.78	43	236177	59.47	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	460212	52.31	ug/l	99
20) Methylene Chloride	2.86	84	145042	52.47	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	135113	50.69	ug/l	93
22) Diisopropyl ether	3.88	45	478239	51.86	ug/l	97
23) Vinyl Acetate	3.83	43	1720702	220.35	ug/l	99
24) 1,1-Dichloroethane	3.70	63	260359	51.94	ug/l	99
25) 2-Butanone	4.72	43	634834	301.13	ug/l	97
26) 2,2-Dichloropropane	4.59	77	83519	20.49	ug/l	88
27) cis-1,2-Dichloroethene	4.60	96	162536	54.38	ug/l	89
28) Bromochloromethane	5.03	49	114749	47.83	ug/l	89
29) Tetrahydrofuran	5.17	42	404655	299.32	ug/l	96
30) Chloroform	5.22	83	285097	55.42	ug/l	95
31) Cyclohexane	5.58	56	225765	52.48	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	246692	54.51	ug/l	99
36) 1,1-Dichloropropene	5.80	75	198671	51.80	ug/l	98
37) Ethyl Acetate	4.87	43	207442	50.23	ug/l	98
38) Carbon Tetrachloride	5.78	117	224136	53.25	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	220027	49.25	ug/l	98
40) Benzene	6.15	78	611072	54.83	ug/l	100
41) Methacrylonitrile	5.07	41	133585	56.17	ug/l	97
42) 1,2-Dichloroethane	6.20	62	230428	51.19	ug/l	98
43) Isopropyl Acetate	6.48	43	346955	50.09	ug/l	97
44) Trichloroethene	7.22	130	176810	53.21	ug/l	99
45) 1,2-Dichloropropane	7.53	63	160093	54.15	ug/l	100
46) Dibromomethane	7.67	93	110055	53.64	ug/l	94
47) Bromodichloromethane	7.90	83	211112	55.66	ug/l	98
48) Methyl methacrylate	7.79	41	199722	55.96	ug/l	94
49) 1,4-Dioxane	7.76	88	84282	1213.86	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1261972	291.22	ug/l	97
52) Toluene	8.79	92	393266	55.08	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	209305	48.73	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	197612	47.81	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	165429	56.39	ug/l	98
56) Ethyl methacrylate	9.19	69	240354	56.06	ug/l	92
57) 1,3-Dichloropropane	9.38	76	265303	55.06	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.27	63	454	0.22	ug/l #	48
59) 2-Hexanone	9.50	43	968798	294.16	ug/l	95
60) Dibromochloromethane	9.59	129	178984	57.95	ug/l	100
61) 1,2-Dibromoethane	9.68	107	174440	56.69	ug/l	99
64) Tetrachloroethene	9.34	164	196795	53.30	ug/l	98
65) Chlorobenzene	10.14	112	454434	53.88	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	172509	56.30	ug/l	99
67) Ethyl Benzene	10.26	91	758712	54.46	ug/l	100
68) m/p-Xylenes	10.36	106	593396	110.51	ug/l	97
69) o-Xylene	10.70	106	292040	55.86	ug/l	96
70) Styrene	10.71	104	470952	55.43	ug/l	98
71) Bromoform	10.86	173	145953	52.51	ug/l	99
73) Isopropylbenzene	11.02	105	783854	54.90	ug/l	99
74) N-amyl acetate	6.48	43	346955	49.67	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	245050	55.72	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	267756	69.65	ug/l	80
77) Bromobenzene	11.26	156	221226	54.41	ug/l	95
78) n-propylbenzene	11.37	91	864356	53.19	ug/l	98
79) 2-Chlorotoluene	11.43	91	521711	53.03	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	656255	54.58	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	50765	39.10	ug/l	99
82) 4-Chlorotoluene	11.51	91	612887	52.62	ug/l	98
83) tert-Butylbenzene	11.77	119	661933	55.86	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	676428	54.29	ug/l	98
85) sec-Butylbenzene	11.95	105	772718	53.75	ug/l	99
86) p-Isopropyltoluene	12.07	119	691368	53.49	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	400162	53.89	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	400108	52.36	ug/l	99
89) n-Butylbenzene	12.39	91	553565	49.21	ug/l	98
90) Hexachloroethane	12.60	117	109117	56.76	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	408383	54.49	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57380	58.04	ug/l	92

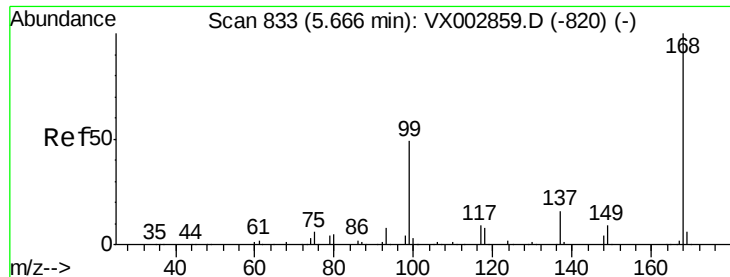
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QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	300908	55.17	ug/l	100
94) Hexachlorobutadiene	13.79	225	136372	50.13	ug/l	99
95) Naphthalene	13.84	128	867113	59.69	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	306856	56.32	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

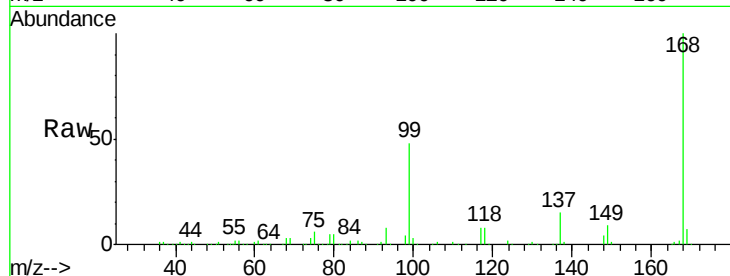
SS032MW061-180702MS

Tot Ion:168 Resp: 248161

Ion Ratio Lower Upper

168 100

99 48.2 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

100000

80000

60000

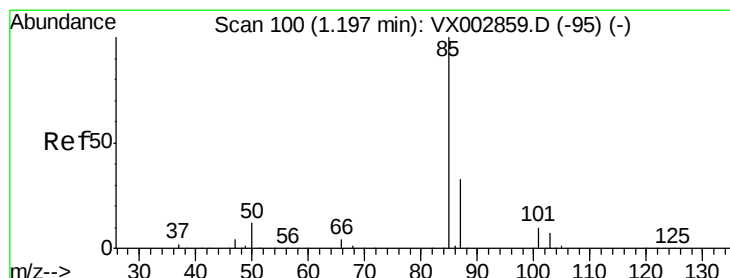
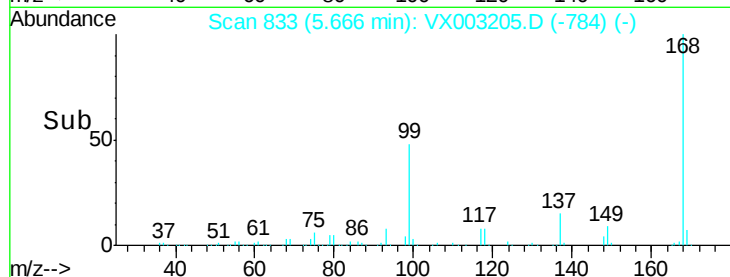
40000

20000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.21 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003205.D

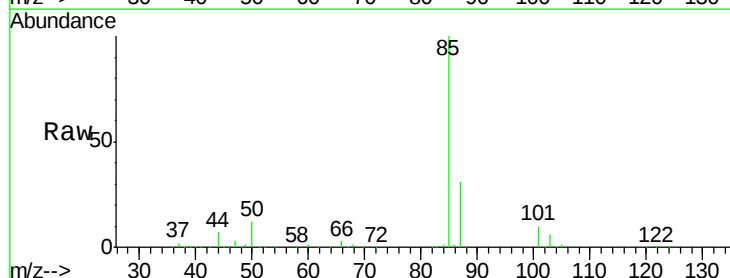
Acq: 06 Jul 2018 06:48

Tgt Ion: 85 Resp: 113446

Ion Ratio Lower Upper

85 100

87 31.0 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

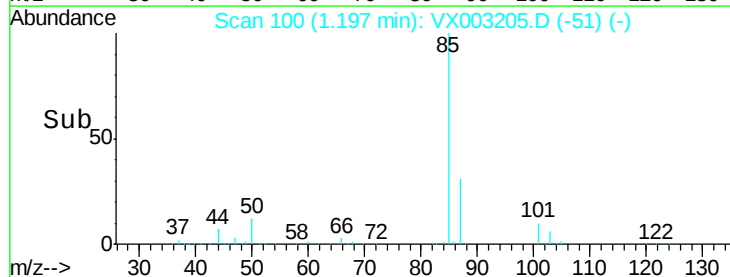
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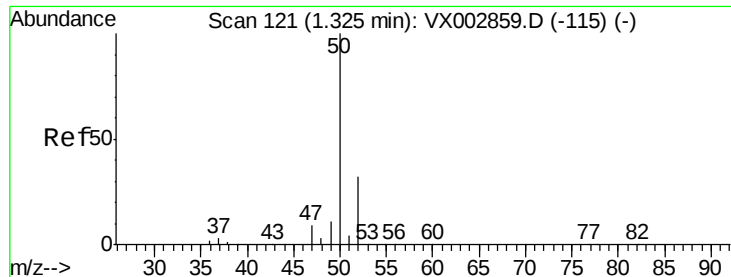
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.58 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

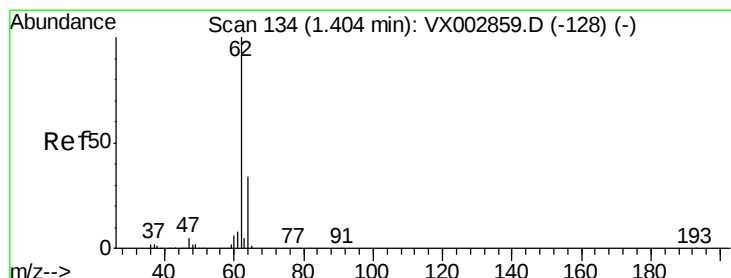
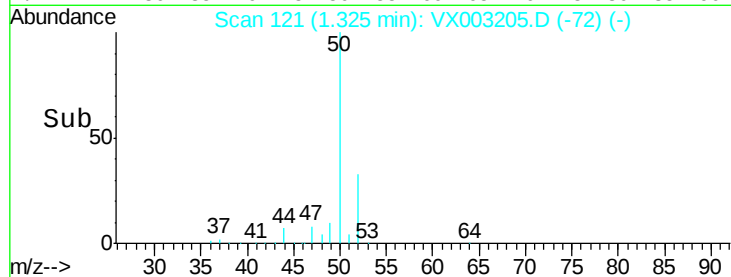
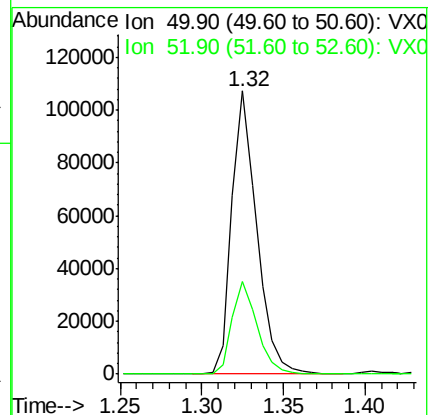
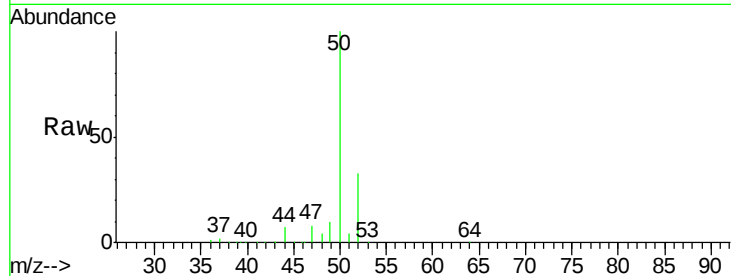
SS032MW061-180702MS

Tot Ion: 50 Resp: 114075

Ion Ratio Lower Upper

50 100

52 32.6 25.7 38.5



#4

Vinyl Chloride

Concen: 49.98 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003205.D

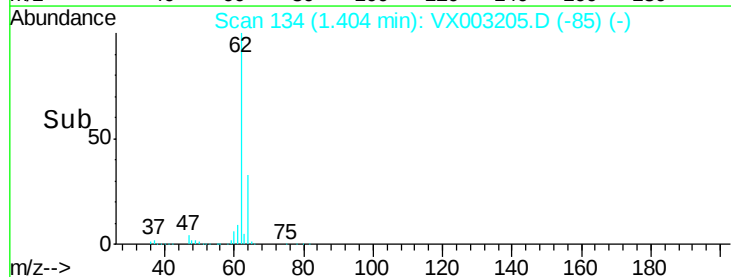
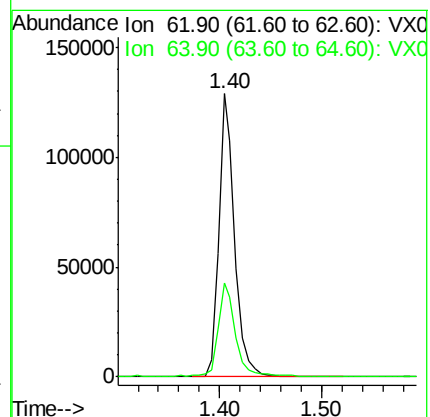
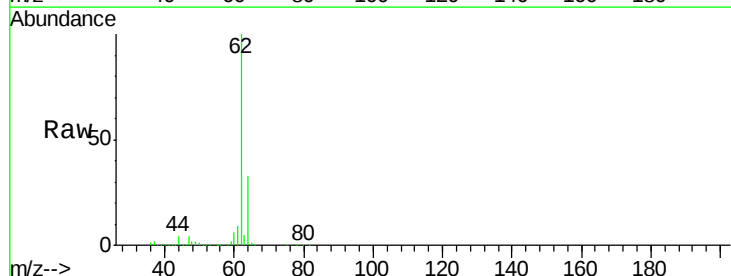
Acq: 06 Jul 2018 06:48

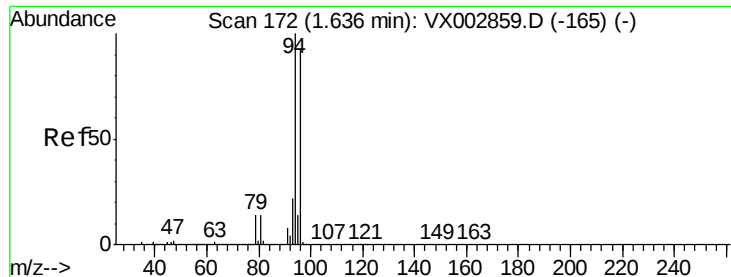
Tgt Ion: 62 Resp: 140278

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.2





#5

Bromomethane

Concen: 23.83 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

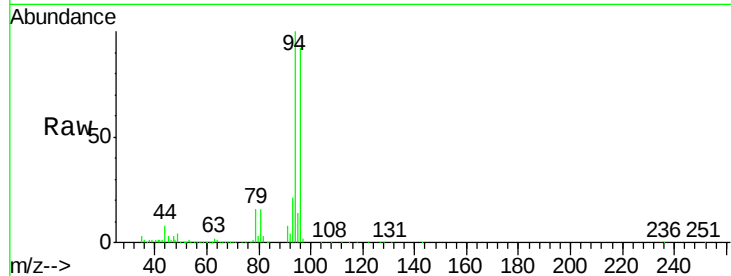
SS032MW061-180702MS

Tot Ion: 94 Resp: 33088

Ion Ratio Lower Upper

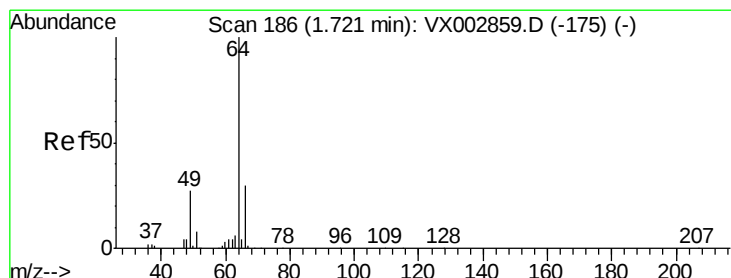
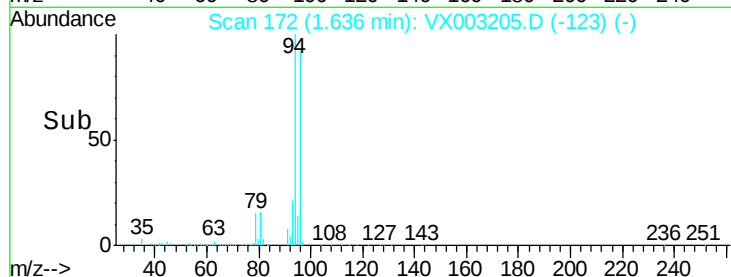
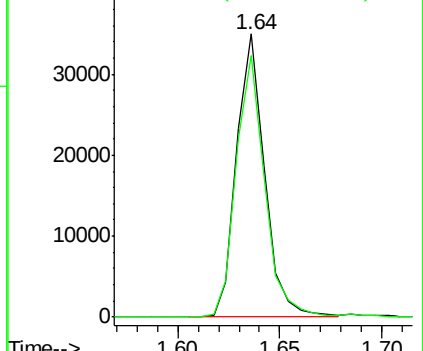
94 100

96 92.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.15 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003205.D

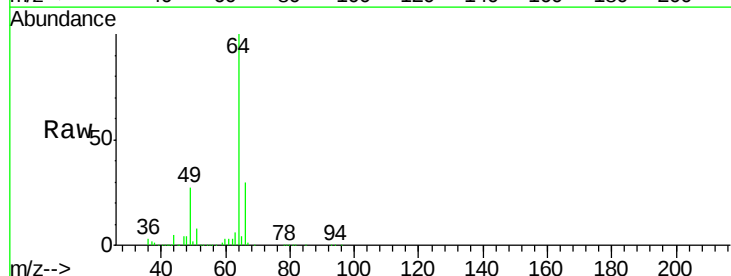
Acq: 06 Jul 2018 06:48

Tgt Ion: 64 Resp: 87286

Ion Ratio Lower Upper

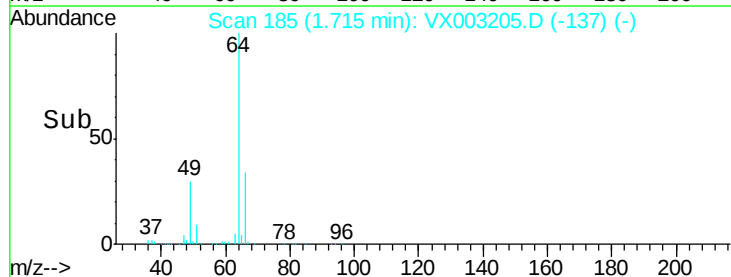
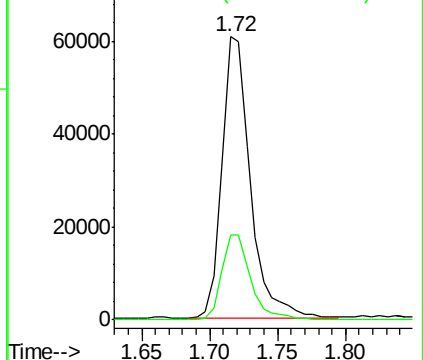
64 100

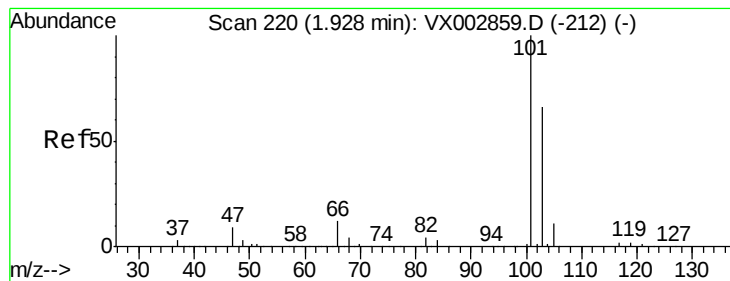
66 30.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



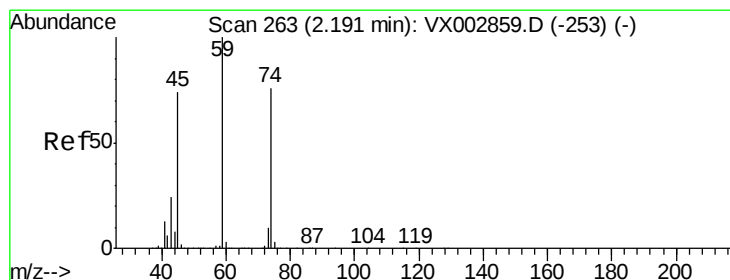
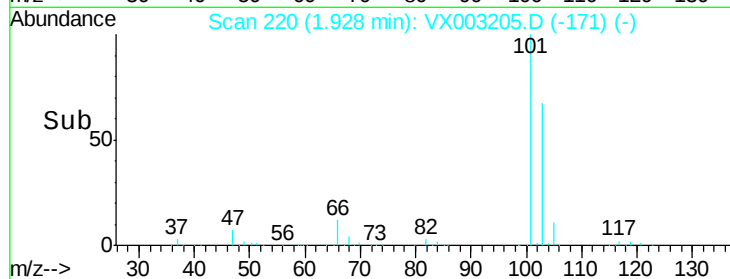
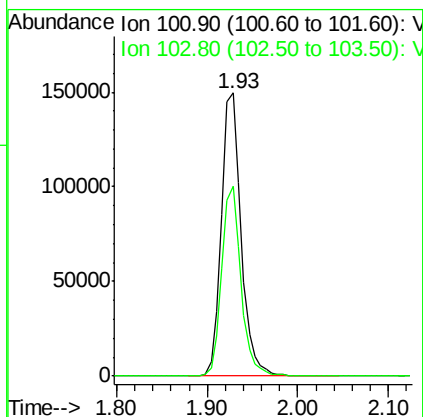
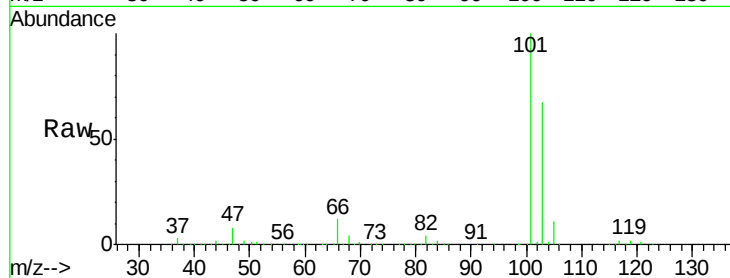


#7

Trichlorofluoromethane
 Concen: 48.07 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

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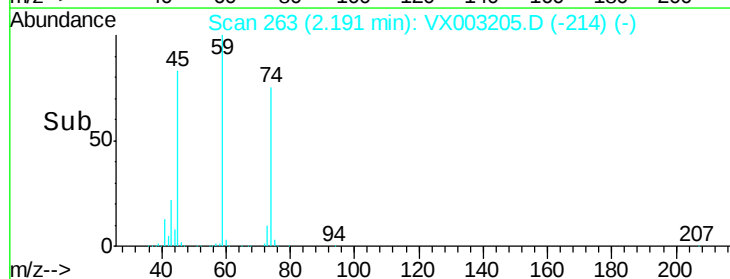
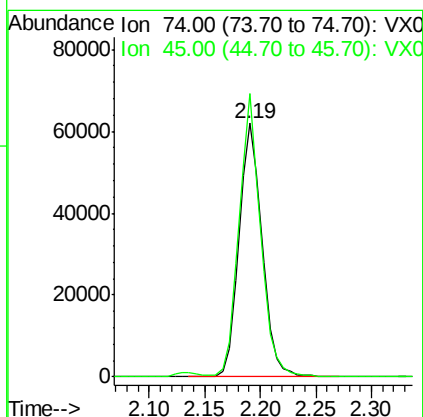
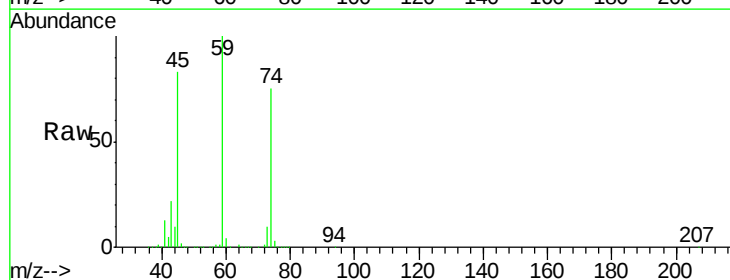
Tot Ion:101 Resp: 227585
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.8 79.2



#8

Diethyl Ether
 Concen: 51.70 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion: 74 Resp: 88974
 Ion Ratio Lower Upper
 74 100
 45 103.4 53.1 159.4

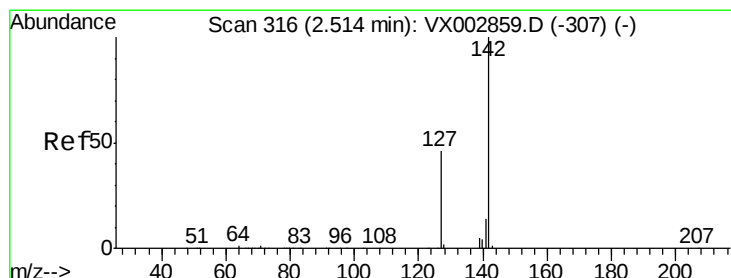
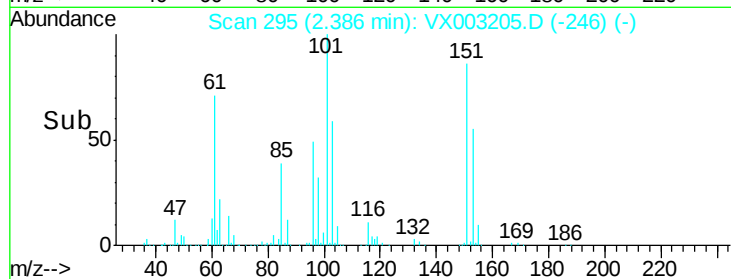
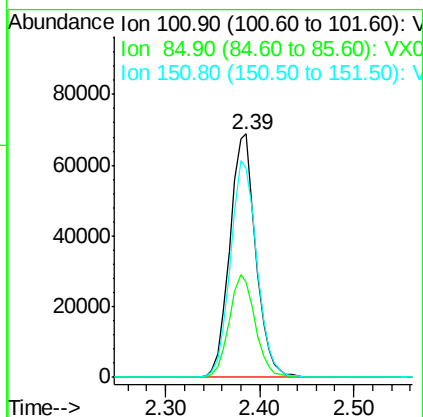
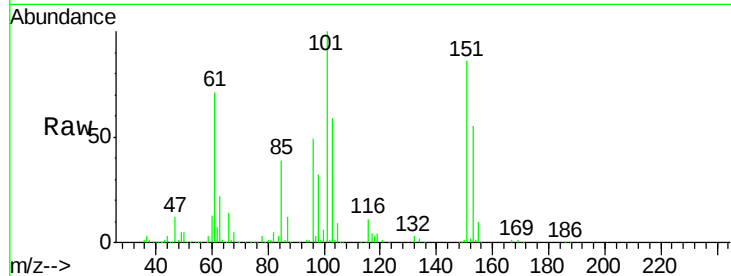




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.30 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

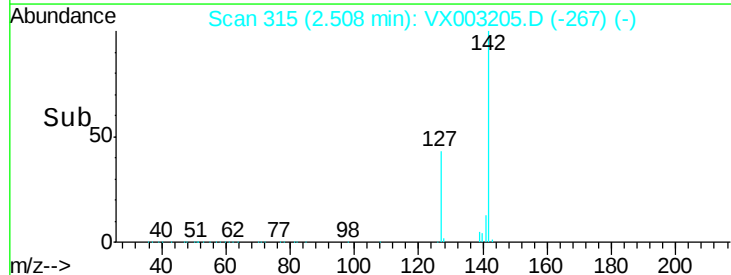
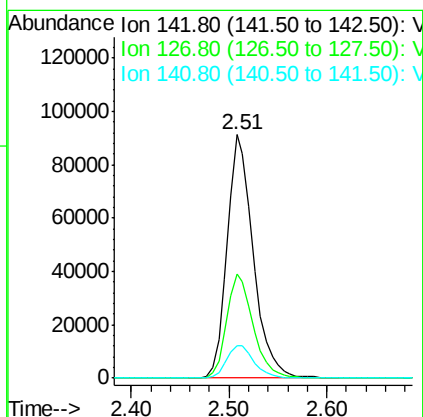
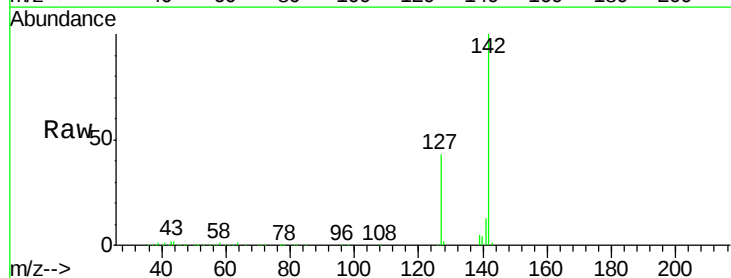
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 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

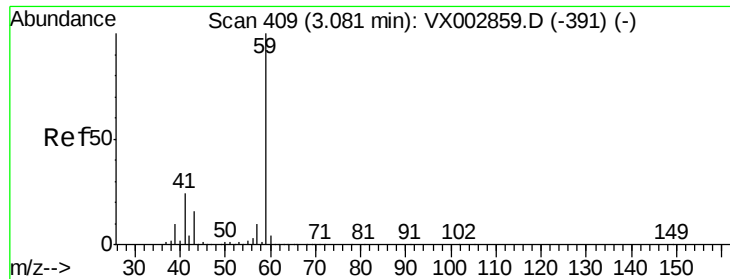
Tot Ion:101 Resp: 132480
 Ion Ratio Lower Upper
 101 100
 85 42.2 36.0 54.0
 151 90.7 70.9 106.3



#10
 Methyl Iodide
 Concen: 59.43 ug/l
 RT: 2.51 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion:142 Resp: 169046
 Ion Ratio Lower Upper
 142 100
 127 43.3 36.6 55.0
 141 14.2 11.3 16.9

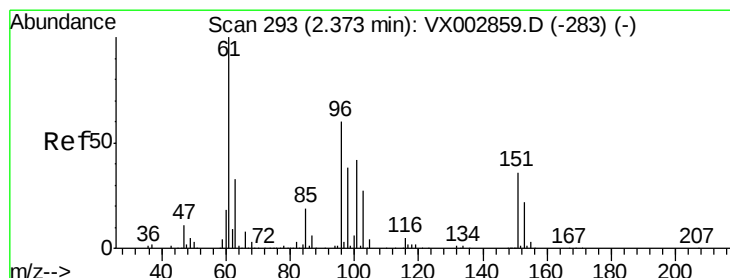
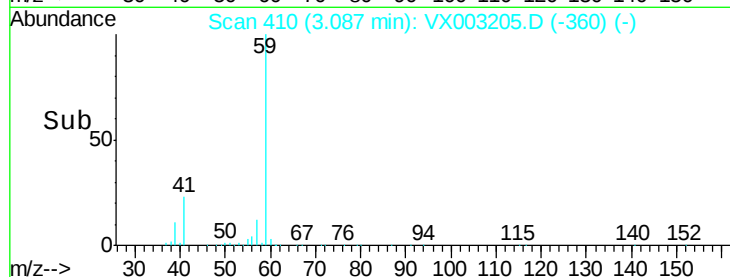
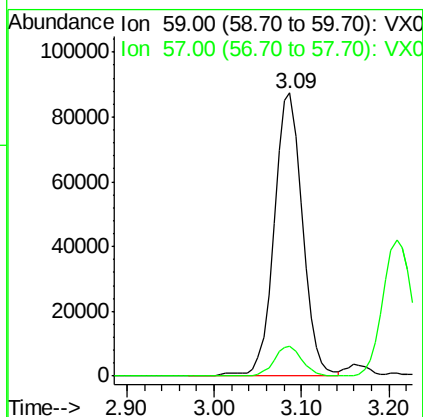
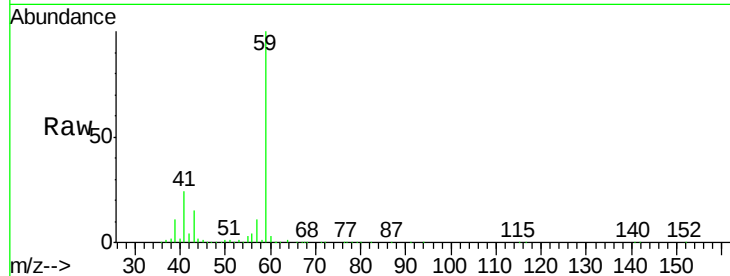




#11
Tert butyl alcohol
Concen: 287.22 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

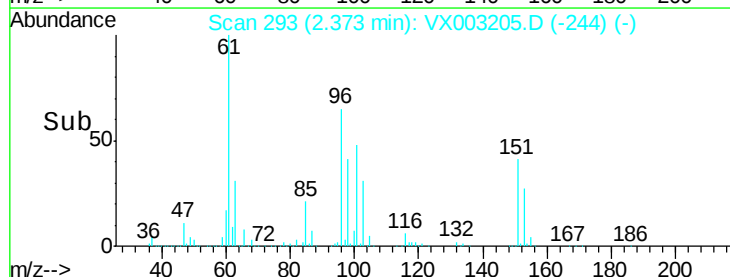
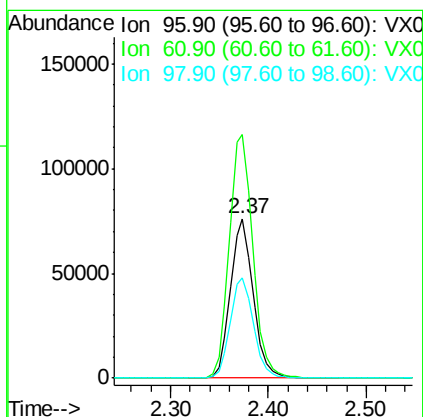
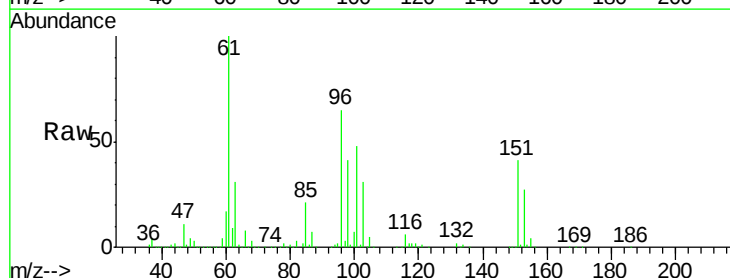
Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

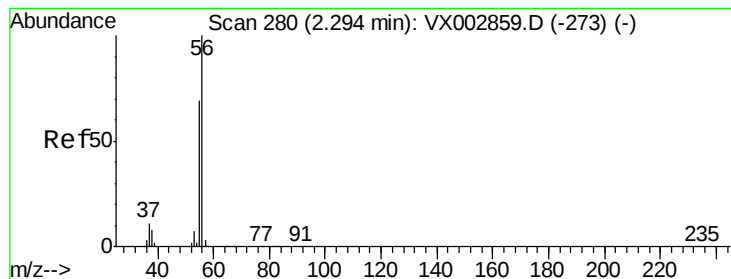
Tot Ion: 59 Resp: 196260
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 50.33 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion: 96 Resp: 123186
Ion Ratio Lower Upper
96 100
61 152.7 137.9 206.9
98 63.1 51.6 77.4





#13

Acrolein

Concen: 275.37 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

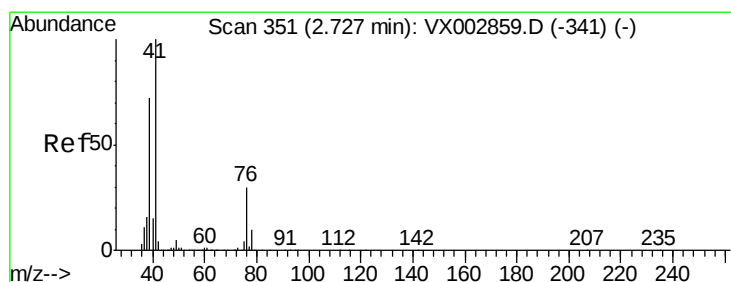
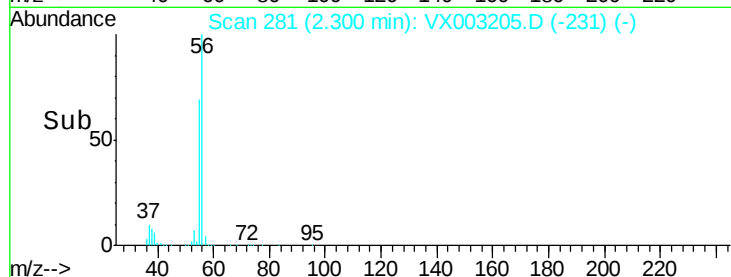
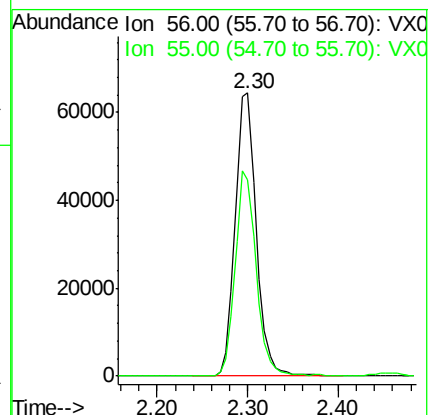
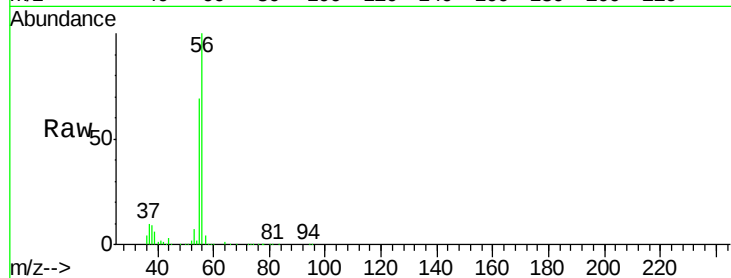
SS032MW061-180702MS

Tot Ion: 56 Resp: 104479

Ion Ratio Lower Upper

56 100

55 71.1 57.0 85.4



#14

Allyl chloride

Concen: 46.46 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

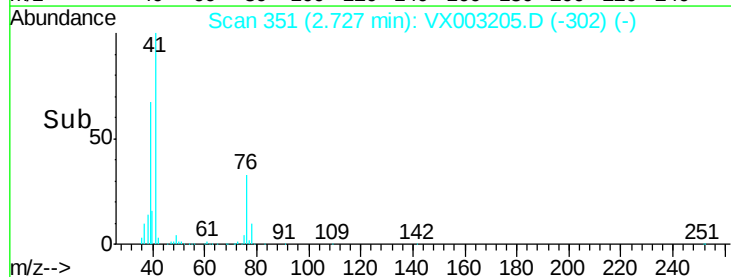
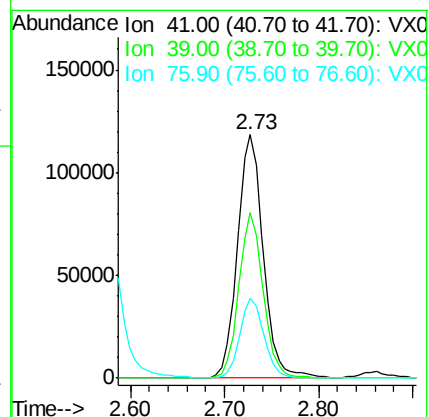
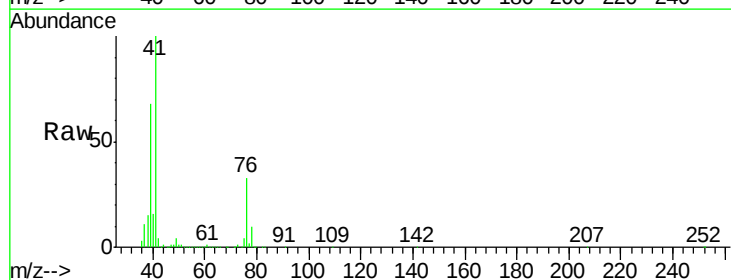
Tgt Ion: 41 Resp: 224161

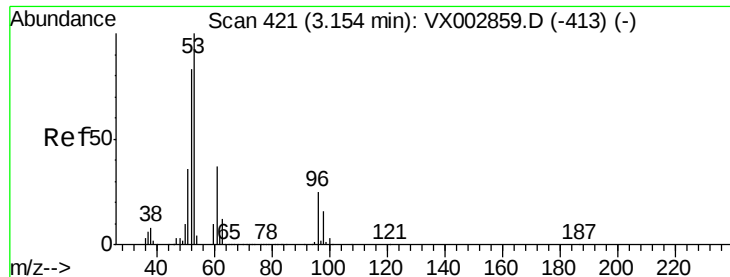
Ion Ratio Lower Upper

41 100

39 63.8 56.8 85.2

76 30.9 23.8 35.8





#15

Acrylonitrile

Concen: 283.53 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

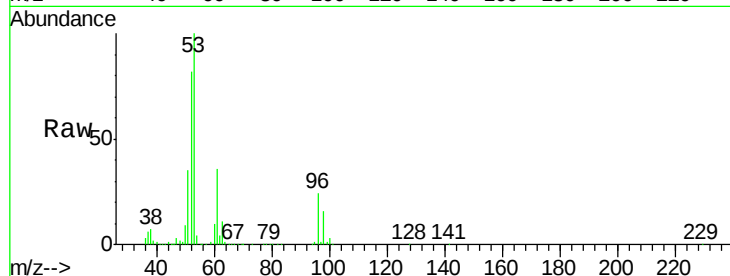
Tot Ion: 53 Resp: 413805

Ion Ratio Lower Upper

53 100

52 83.6 66.7 100.1

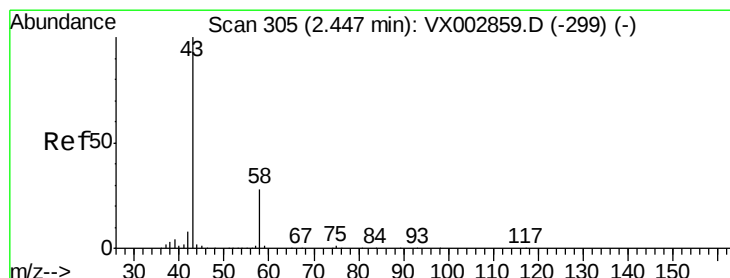
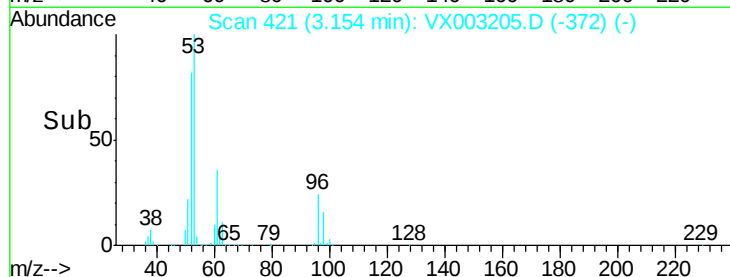
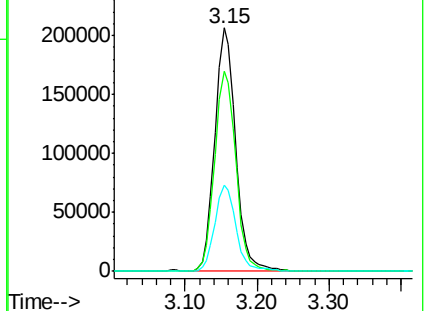
51 36.3 29.9 44.9



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: 264.68 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003205.D

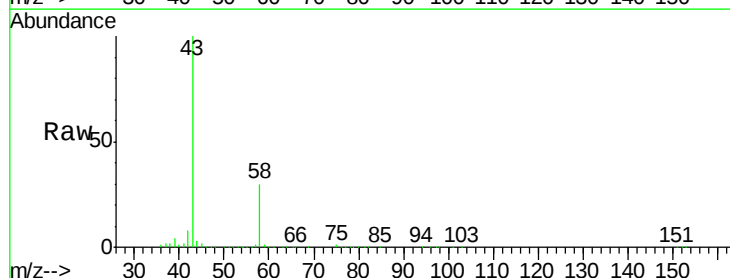
Acq: 06 Jul 2018 06:48

Tgt Ion: 43 Resp: 375970

Ion Ratio Lower Upper

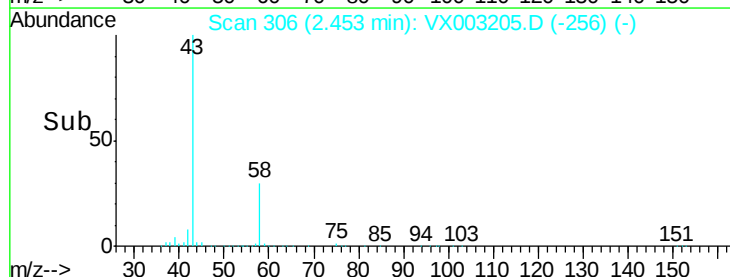
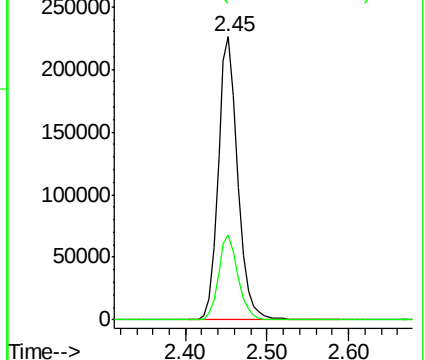
43 100

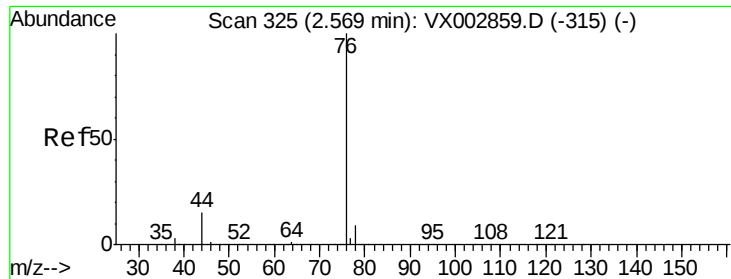
58 30.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

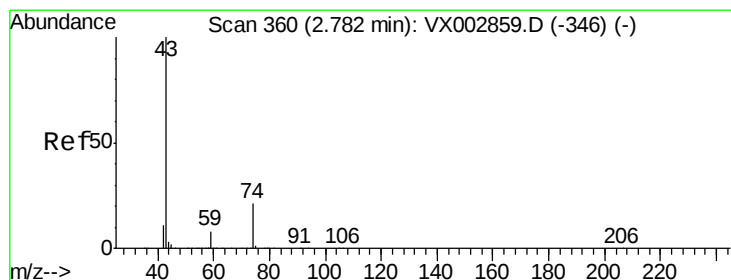
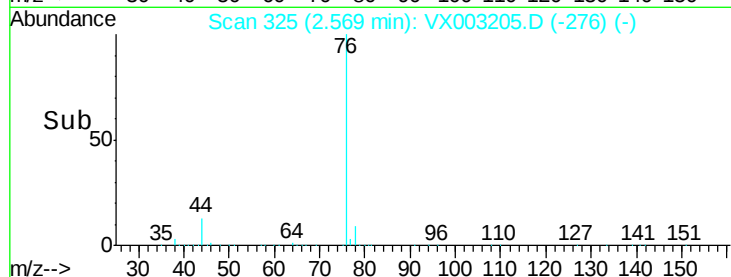
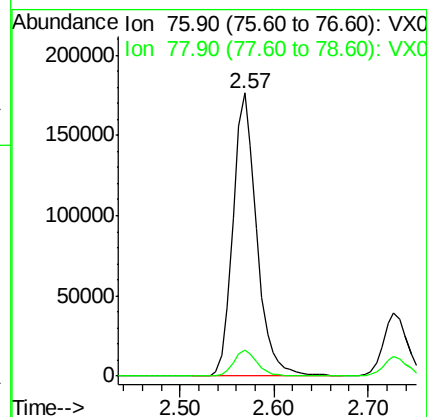
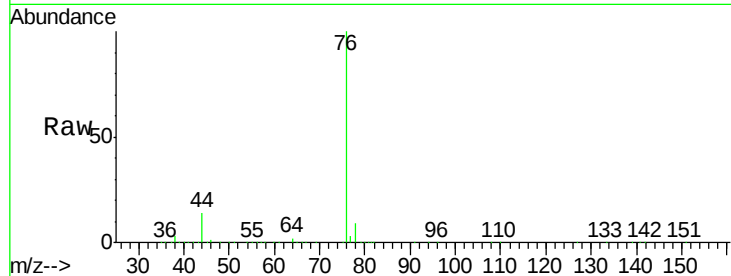




#17
Carbon Disulfide
Concen: 47.30 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

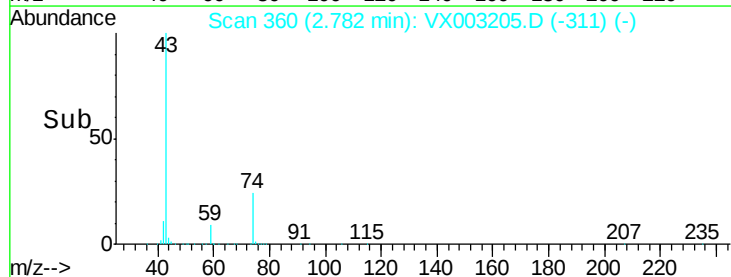
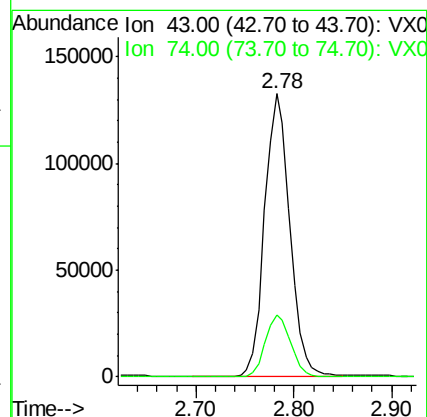
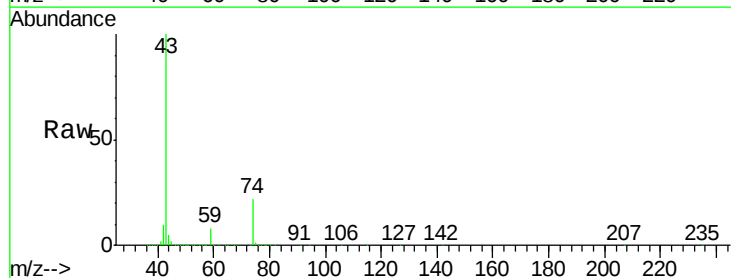
Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

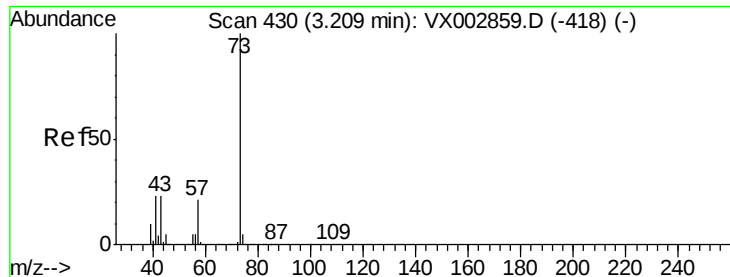
Tot Ion: 76 Resp: 308433
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 59.47 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion: 43 Resp: 236177
Ion Ratio Lower Upper
43 100
74 21.7 16.7 25.1

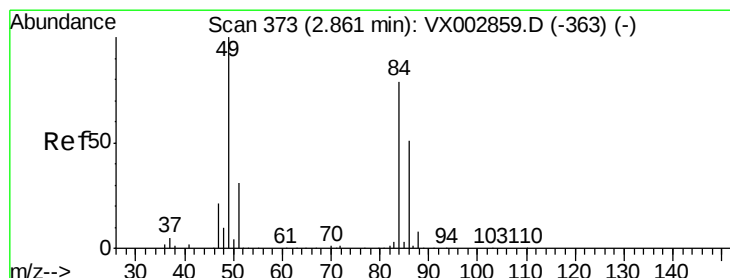
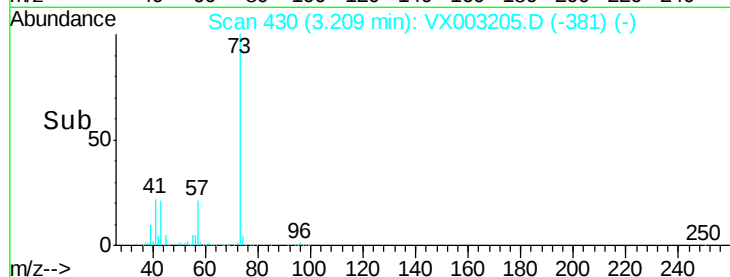
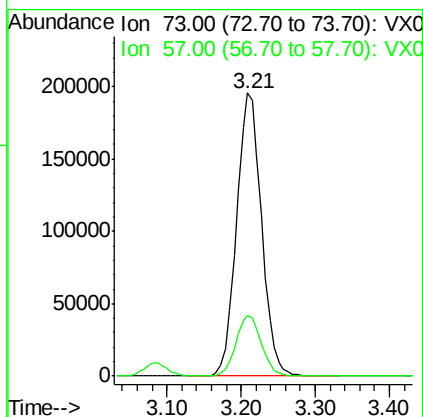
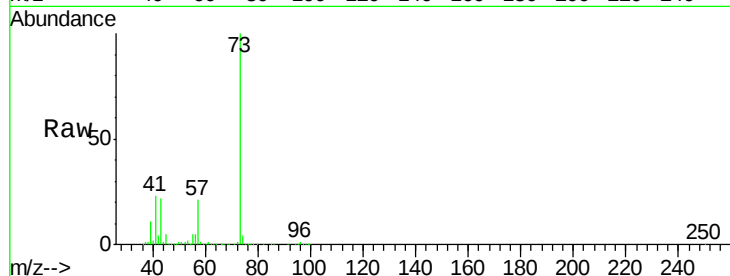




#19
Methvl tert-butvl Ether
Concen: 52.31 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

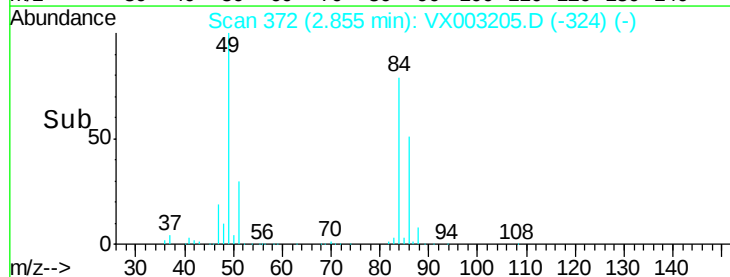
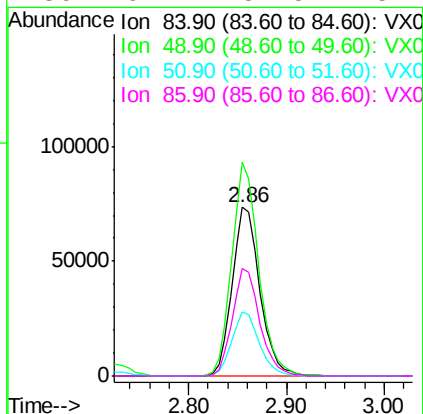
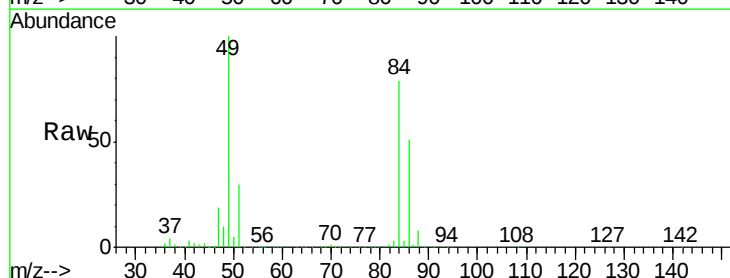
Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion: 73 Resp: 460212
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5



#20
Methylene Chloride
Concen: 52.47 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion: 84 Resp: 145042
Ion Ratio Lower Upper
84 100
49 126.8 107.8 161.6
51 37.9 32.8 49.2
86 64.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.69 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

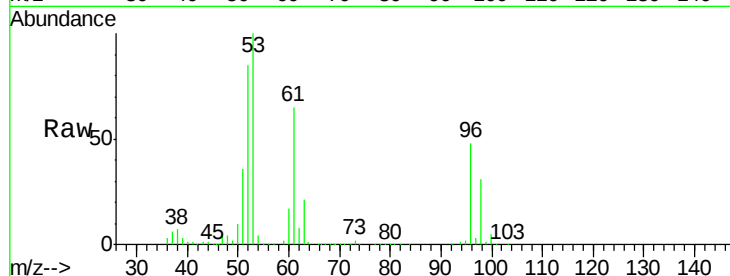
Tot Ion: 96 Resp: 135113

Ion Ratio Lower Upper

96 100

61 134.6 117.0 175.4

98 64.8 52.4 78.6

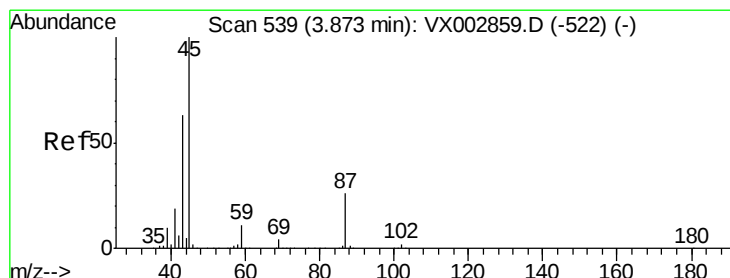
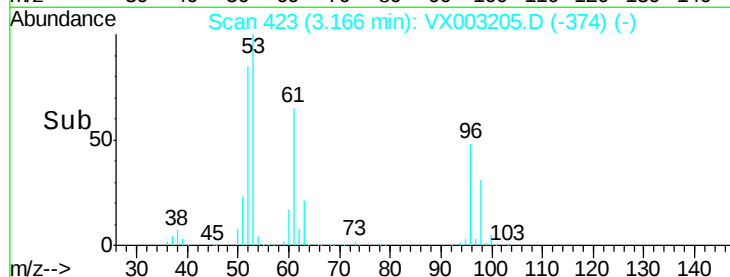
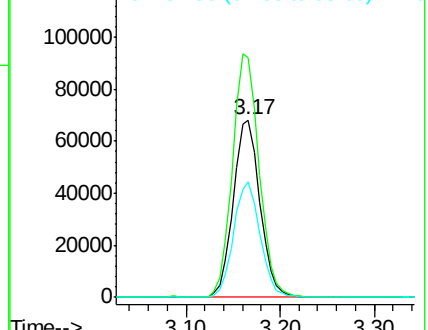


Abundance

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: 51.86 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Tgt Ion: 45 Resp: 478239

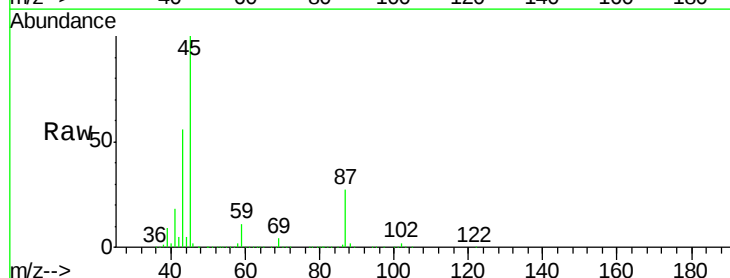
Ion Ratio Lower Upper

45 100

43 56.1 46.8 70.2

87 27.5 20.2 30.4

59 11.3 8.7 13.1



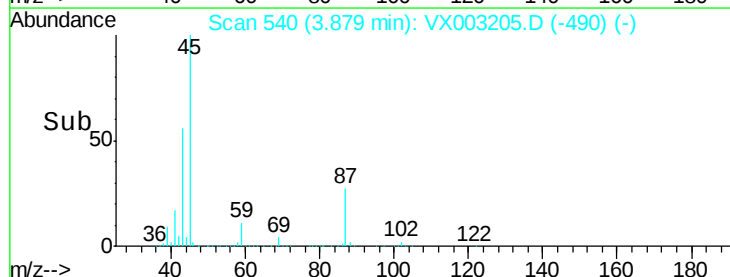
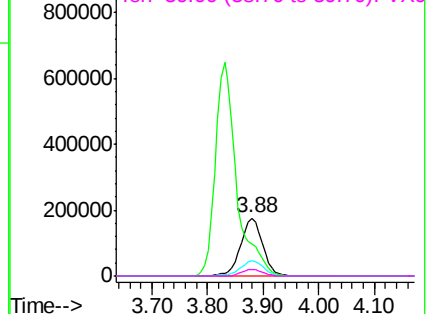
Abundance

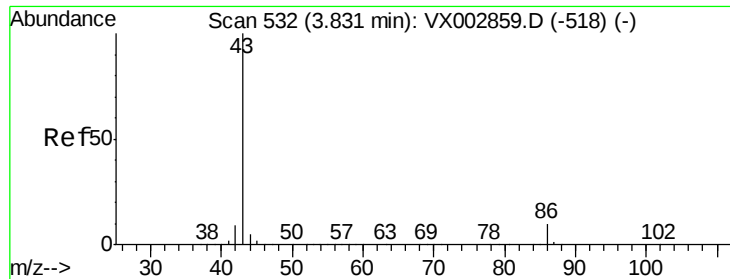
Ion 45.00 (44.70 to 45.70): VX0

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

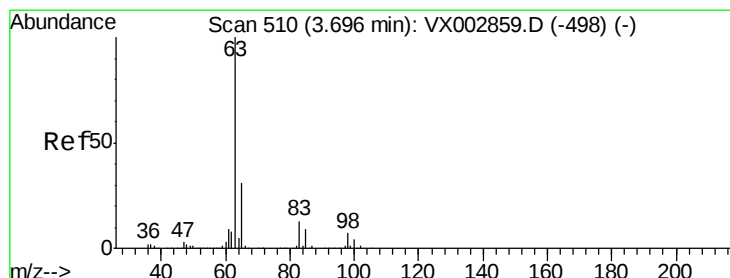
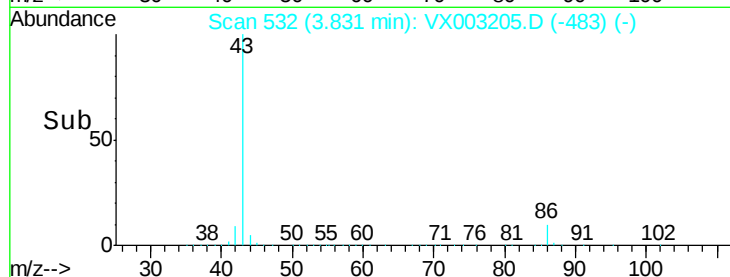
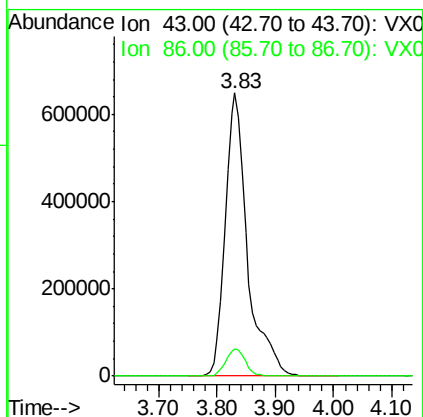
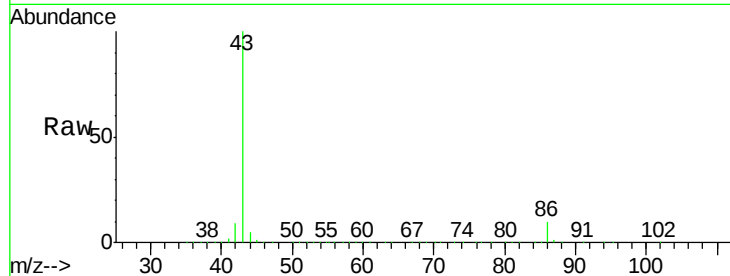




#23
 Vinyl Acetate
 Concen: 220.35 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

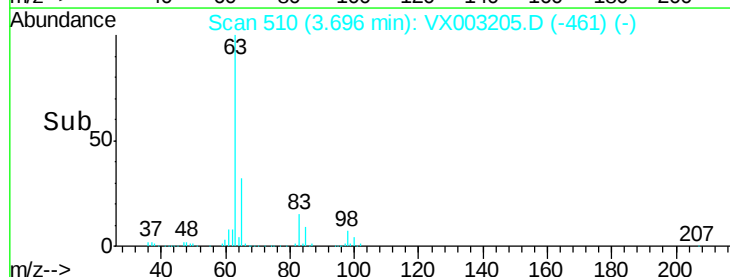
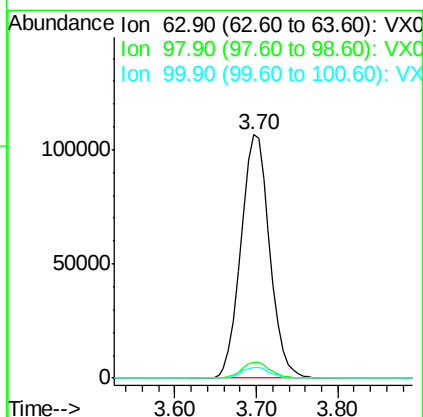
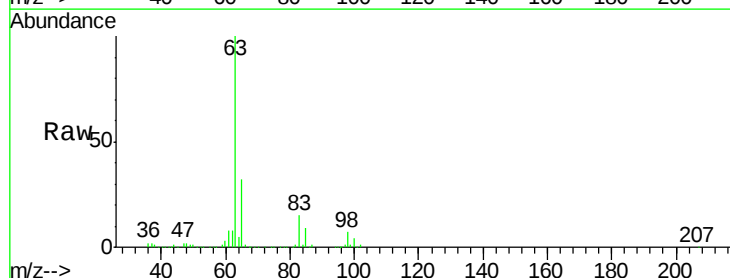
Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

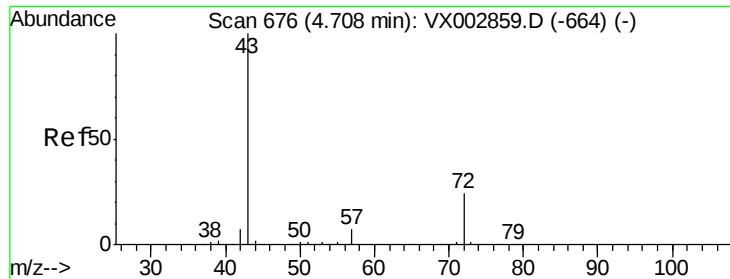
Tot Ion: 43 Resp: 1720702
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 51.94 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion: 63 Resp: 260359
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.4 2.0 6.0





#25

2-Butanone

Concen: 301.13 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

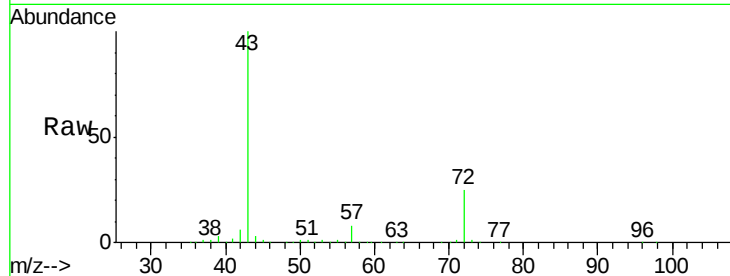
SS032MW061-180702MS

Tot Ion: 43 Resp: 634834

Ion Ratio Lower Upper

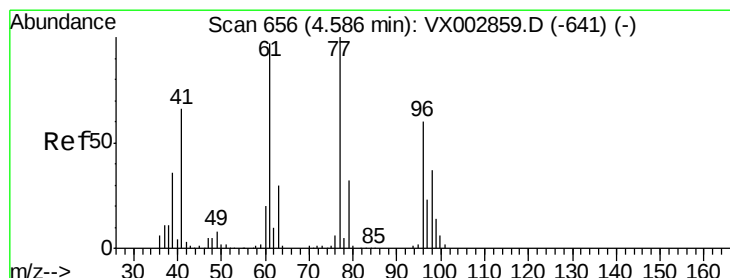
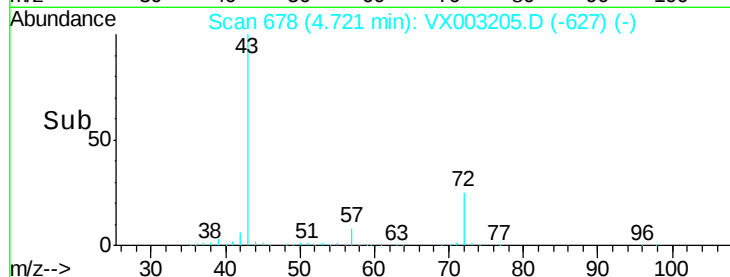
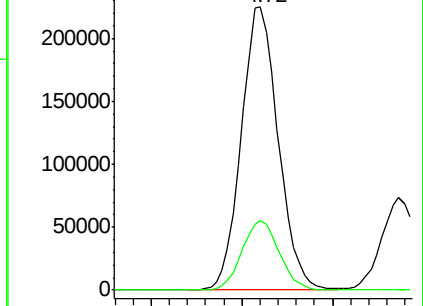
43 100

72 24.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.49 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003205.D

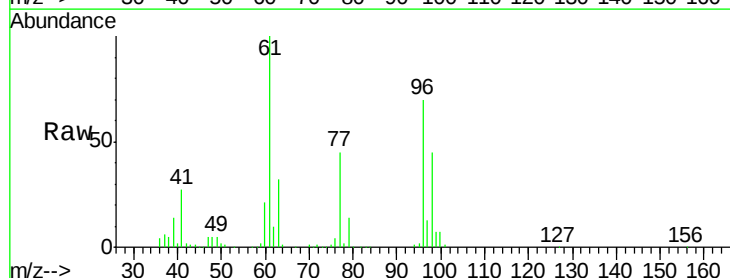
Acq: 06 Jul 2018 06:48

Tgt Ion: 77 Resp: 83519

Ion Ratio Lower Upper

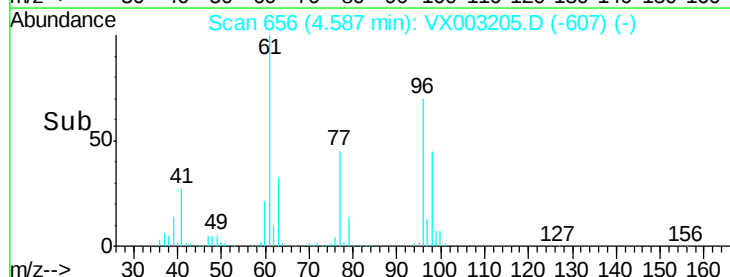
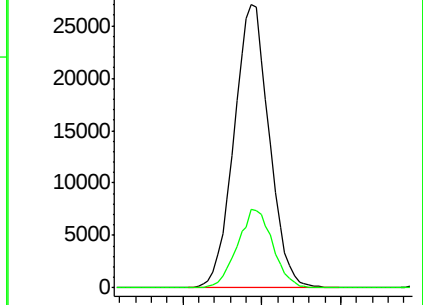
77 100

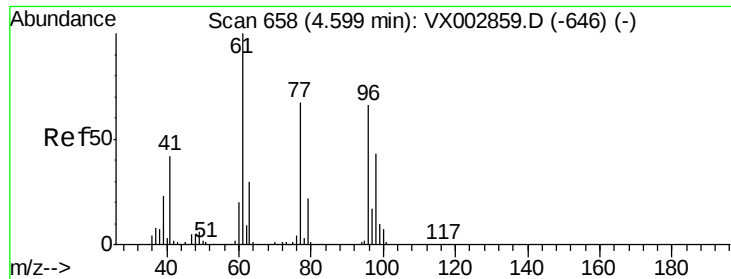
97 27.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 54.38 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

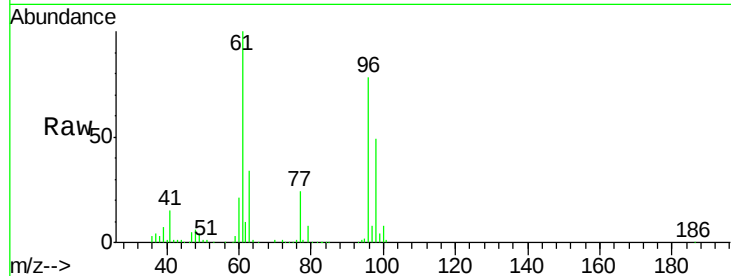
Tot Ion: 96 Resp: 162536

Ion Ratio Lower Upper

96 100

61 144.9 0.0 330.2

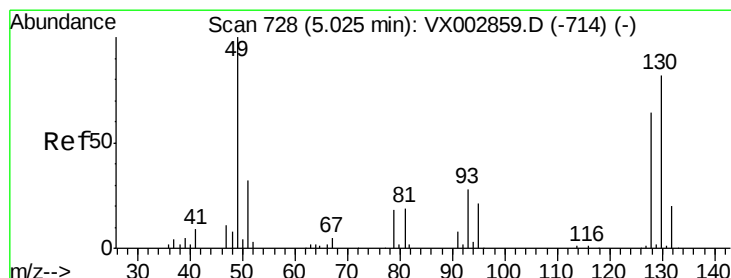
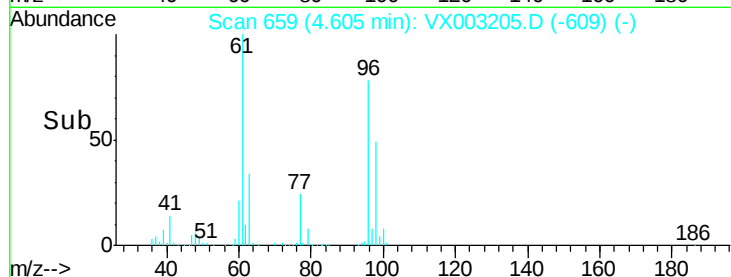
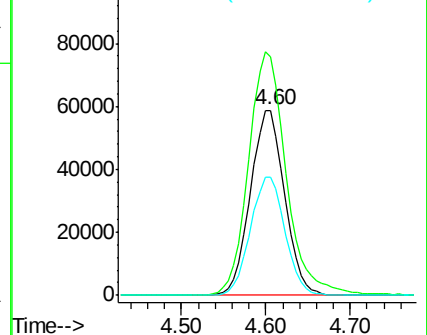
98 64.5 0.0 130.2



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: 47.83 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

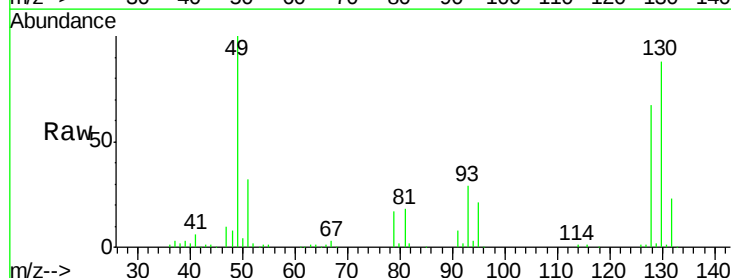
Tgt Ion: 49 Resp: 114749

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.2

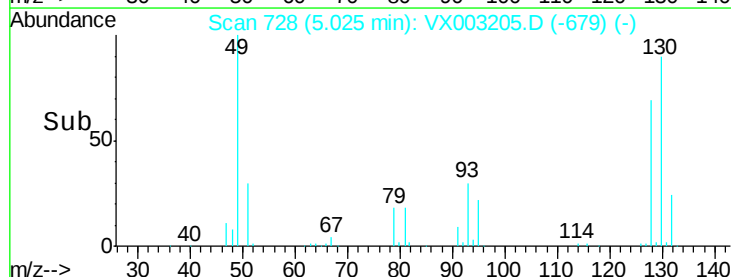
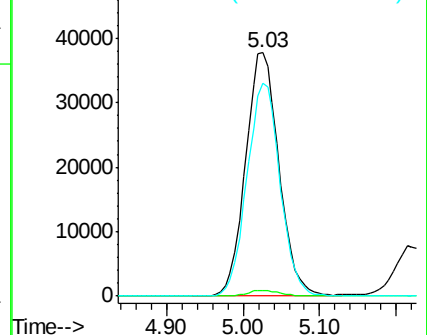
130 86.7 61.2 91.8

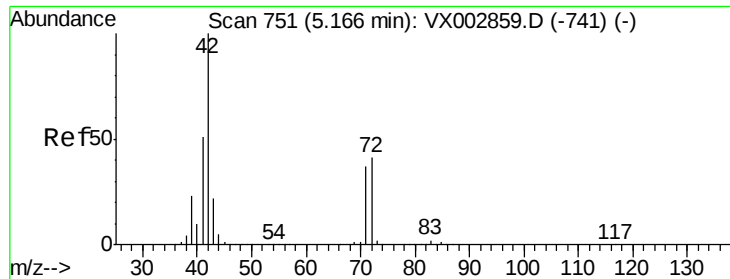


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

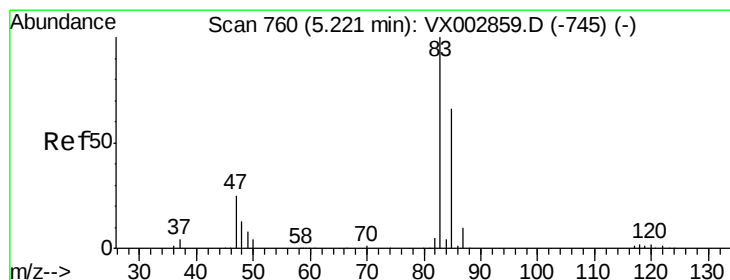
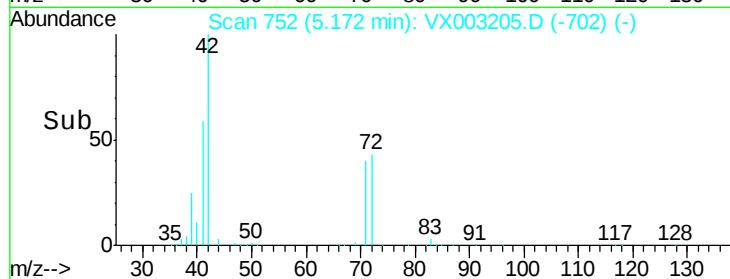
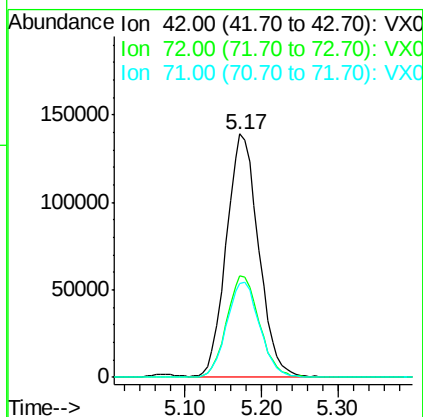
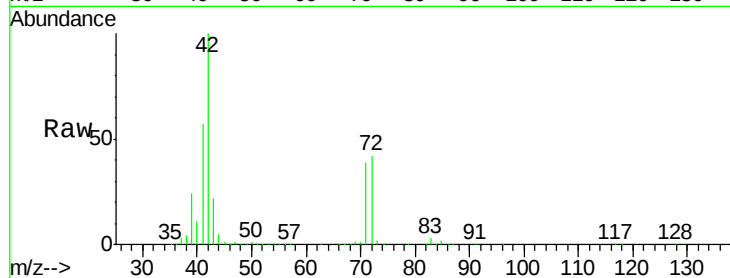




#29
Tetrahydrofuran
Concen: 299.32 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

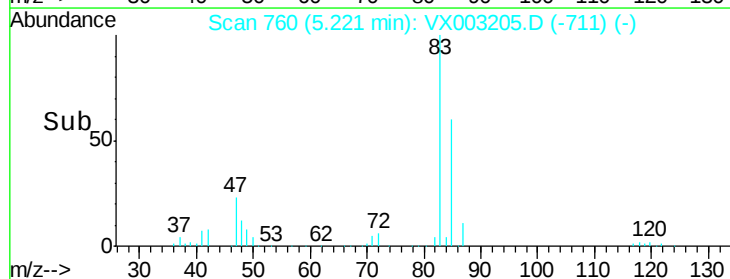
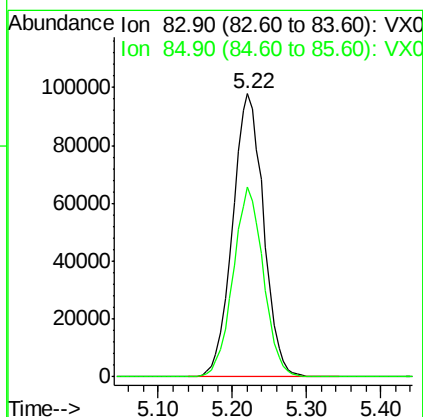
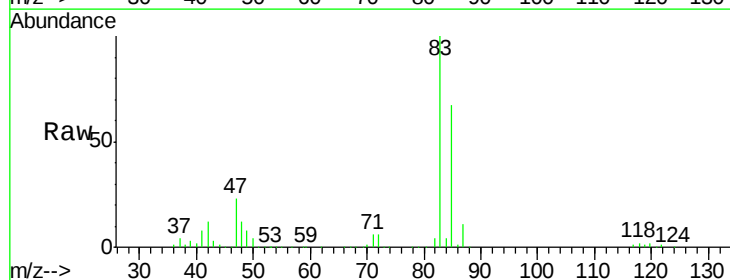
Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

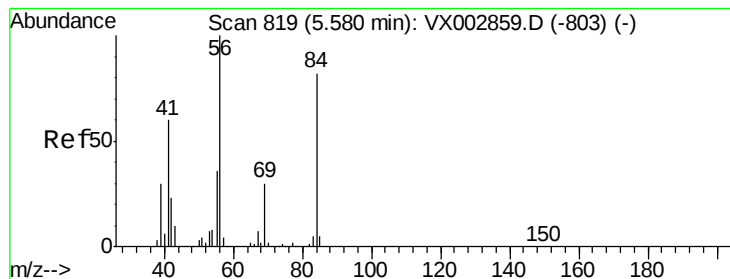
Tot Ion: 42 Resp: 404655
Ion Ratio Lower Upper
42 100
72 42.4 32.0 48.0
71 40.3 30.1 45.1



#30
Chloroform
Concen: 55.42 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion: 83 Resp: 285097
Ion Ratio Lower Upper
83 100
85 67.0 50.4 75.6





#31

Cyclohexane

Concen: 52.48 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

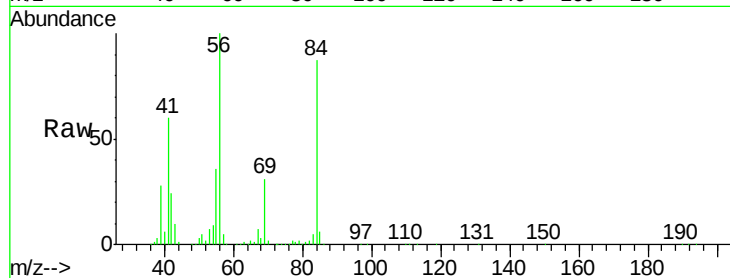
Tot Ion: 56 Resp: 225765

Ion Ratio Lower Upper

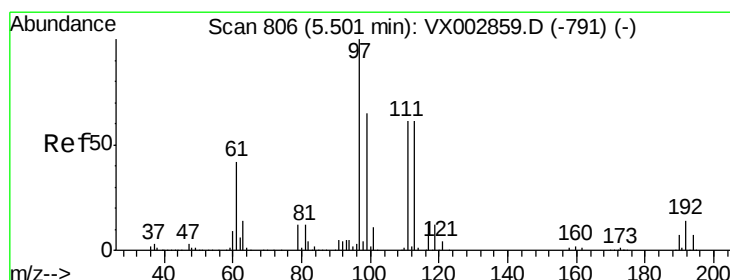
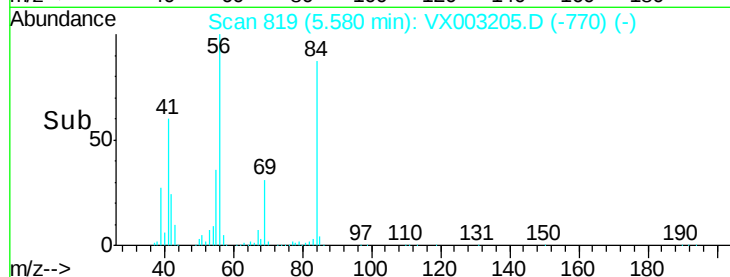
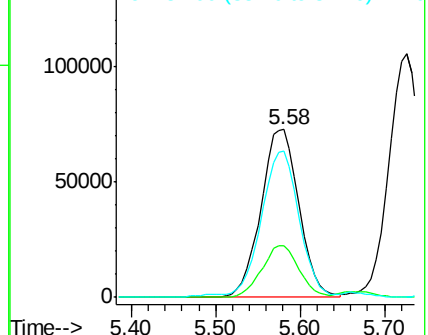
56 100

69 30.9 23.7 35.5

84 86.6 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 54.51 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

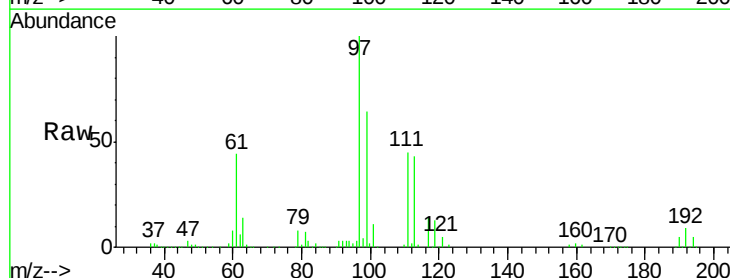
Tgt Ion: 97 Resp: 246692

Ion Ratio Lower Upper

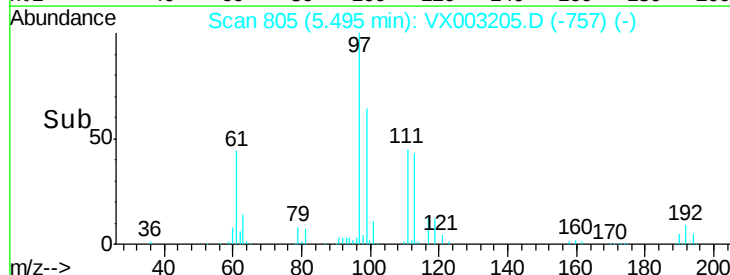
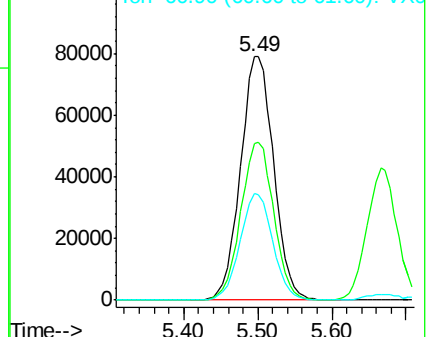
97 100

99 64.4 51.6 77.4

61 43.4 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

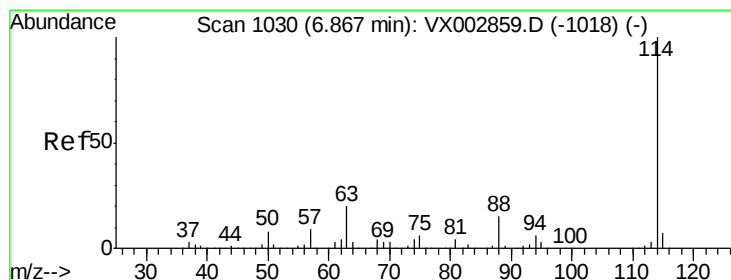
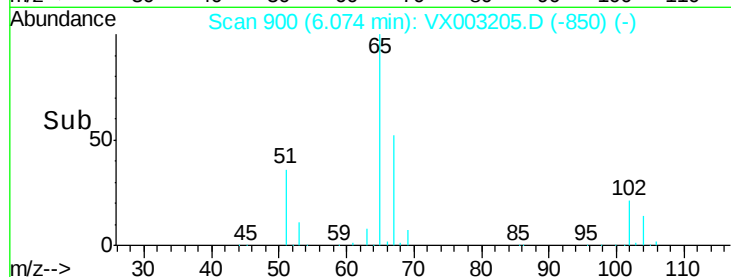
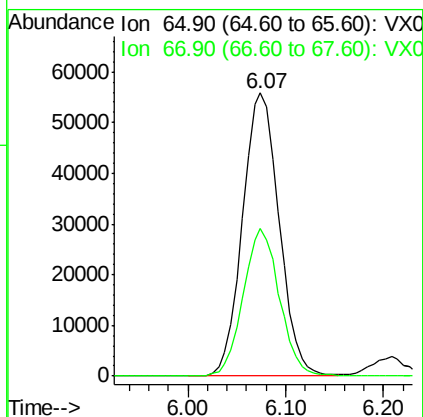
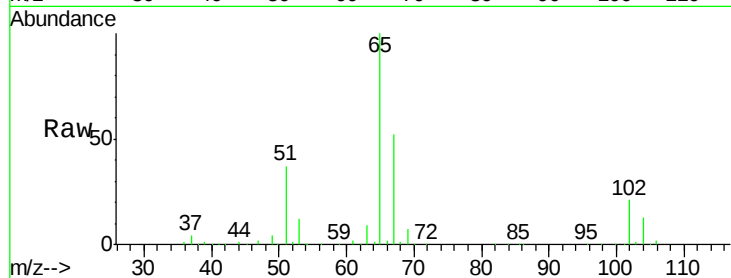




#33
 1,2-Dichloroethane-d4
 Concen: 42.49 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

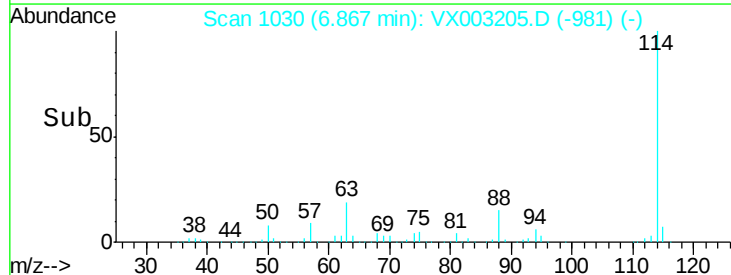
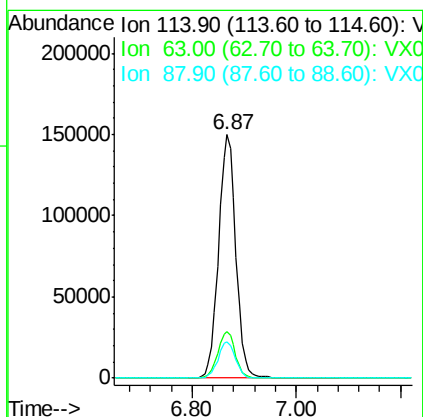
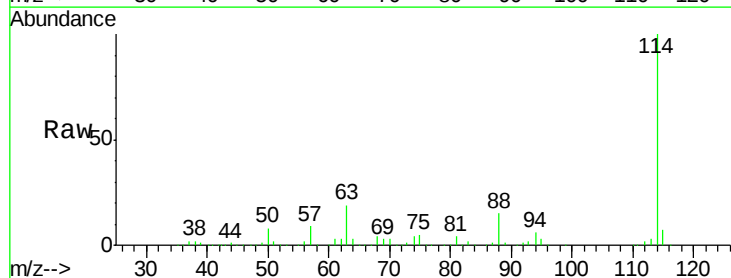
Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

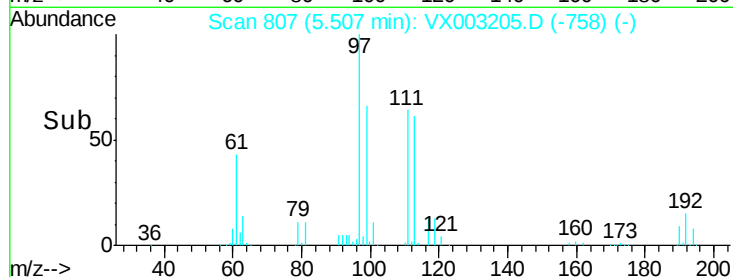
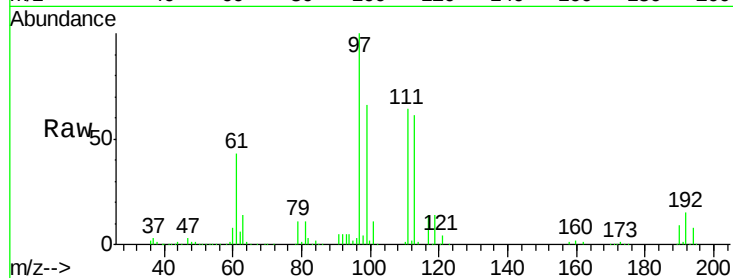
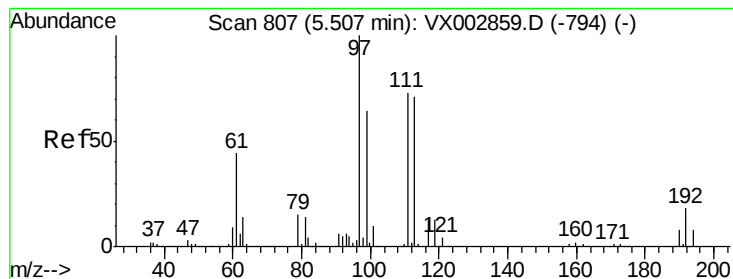
Tot Ion: 65 Resp: 145733
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion: 114 Resp: 349762
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.4
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.86 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

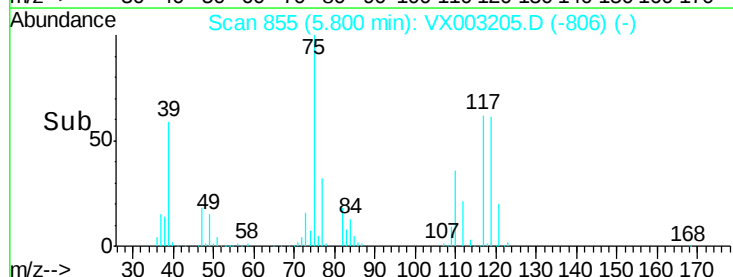
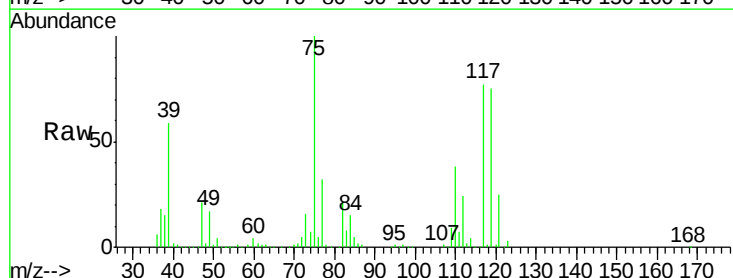
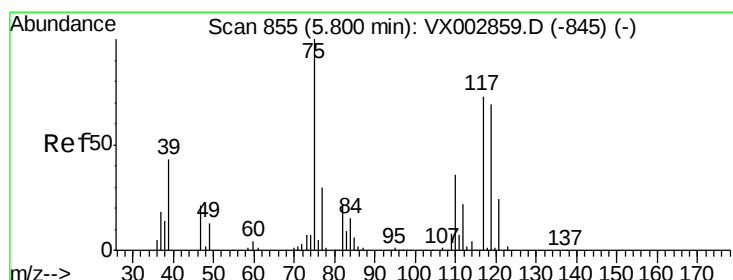
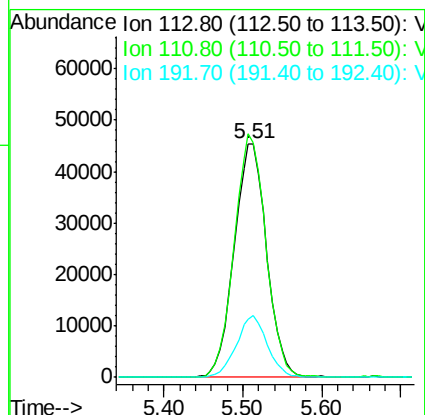
Tot Ion:113 Resp: 129781

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

192 25.1 19.1 28.7



#36

1,1-Dichloropropene

Concen: 51.80 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

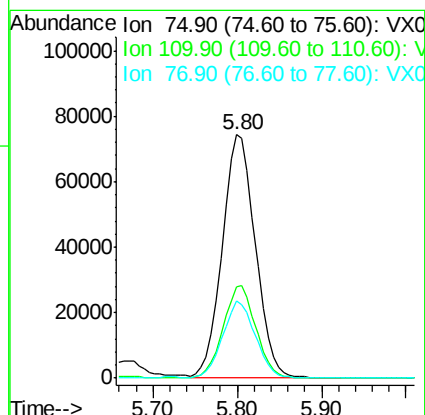
Tgt Ion: 75 Resp: 198671

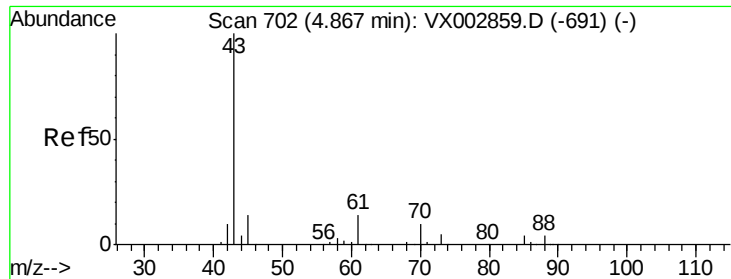
Ion Ratio Lower Upper

75 100

110 37.8 18.1 54.4

77 31.2 24.3 36.5

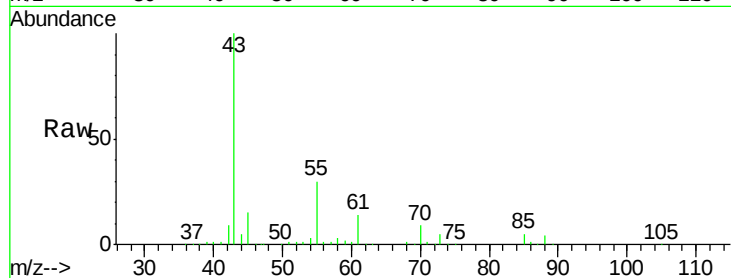




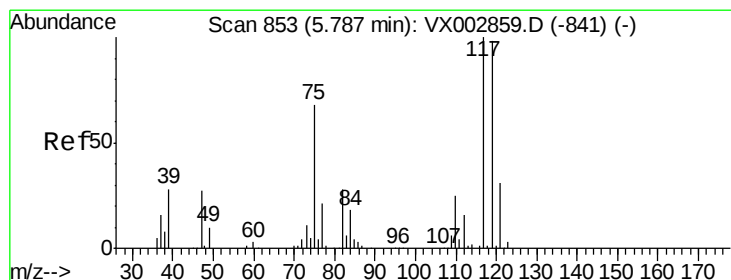
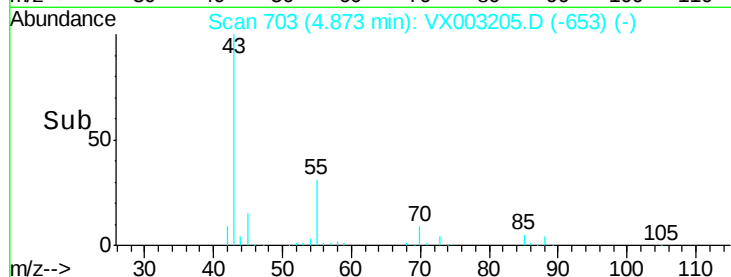
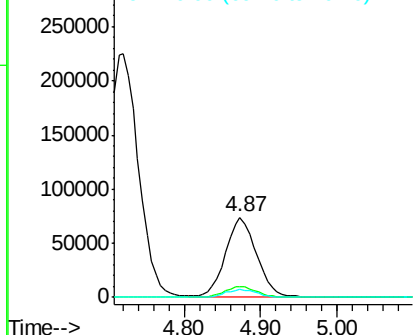
#37
Ethyl Acetate
Concen: 50.23 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion: 43 Resp: 207442
Ion Ratio Lower Upper
43 100
61 14.0 10.4 15.6
70 9.9 7.6 11.4

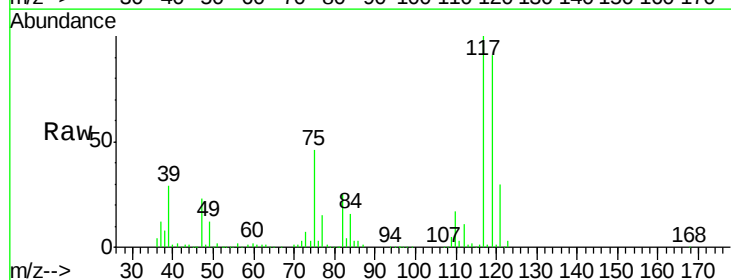


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

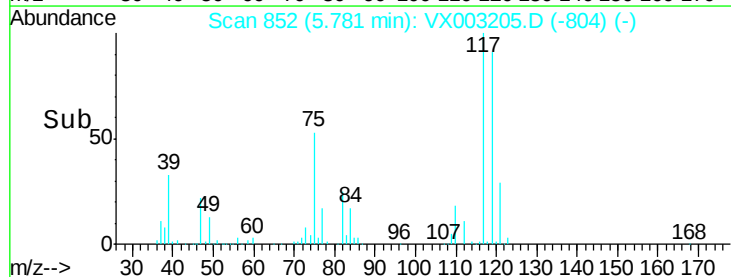
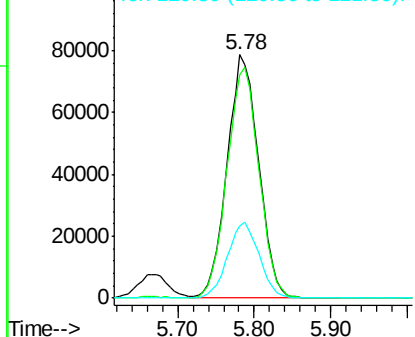


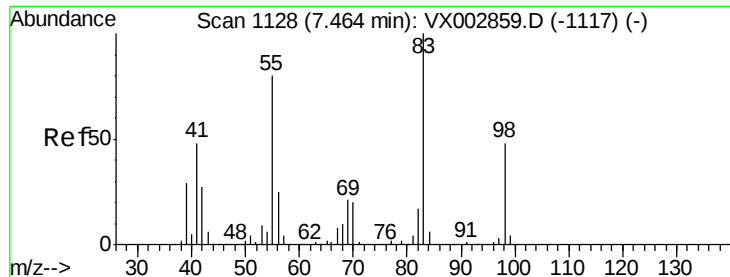
#38
Carbon Tetrachloride
Concen: 53.25 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion: 117 Resp: 224136
Ion Ratio Lower Upper
117 100
119 91.5 77.4 116.0
121 29.7 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

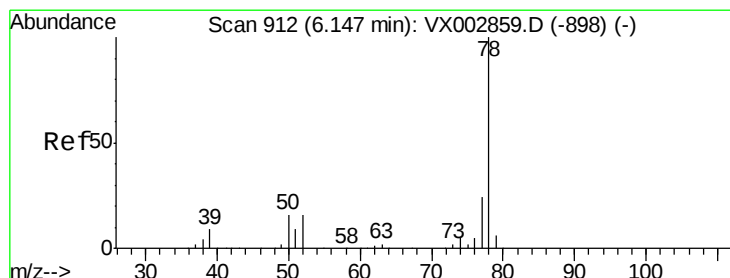
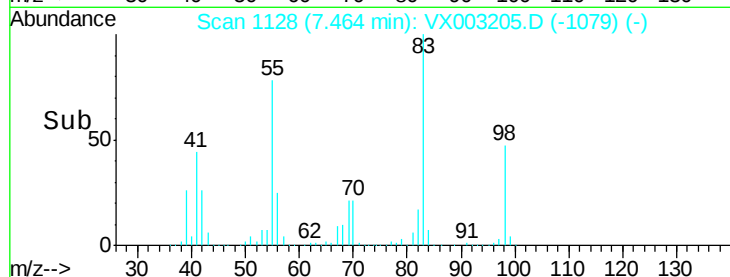
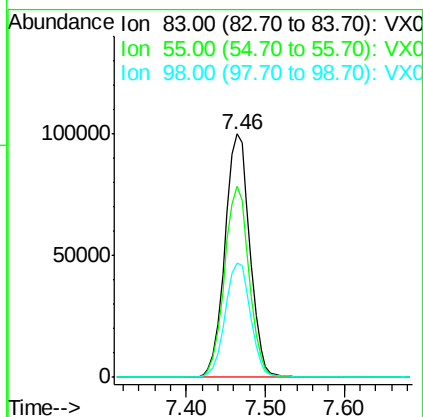
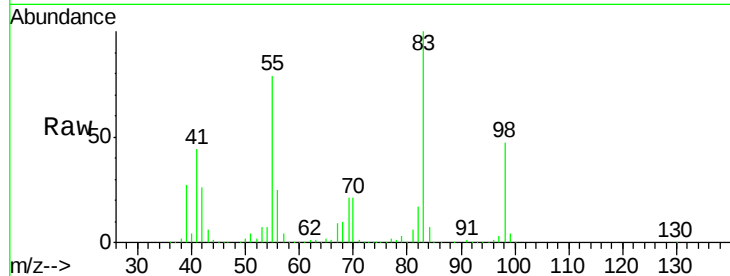




#39
Methvlcvclohexane
Concen: 49.25 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

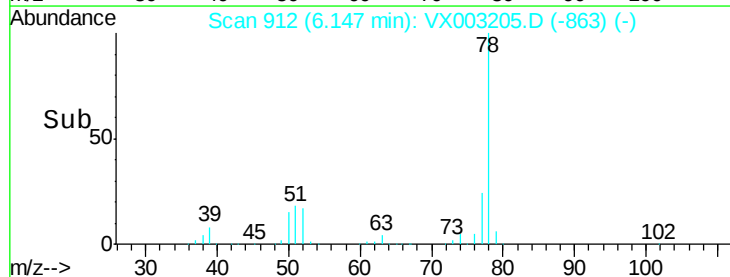
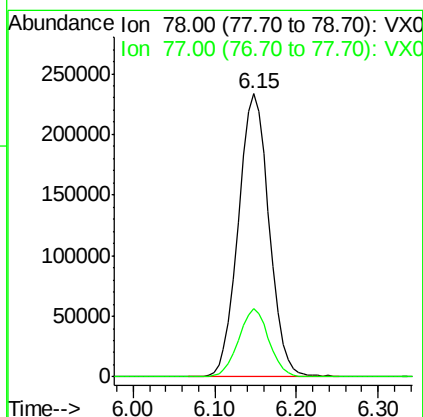
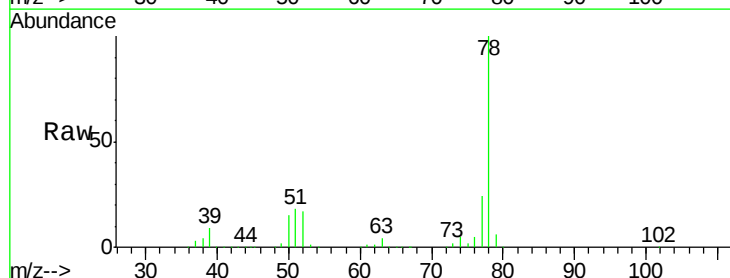
Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion: 83 Resp: 220027
Ion Ratio Lower Upper
83 100
55 78.5 65.4 98.0
98 47.0 37.4 56.0



#40
Benzene
Concen: 54.83 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion: 78 Resp: 611072
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

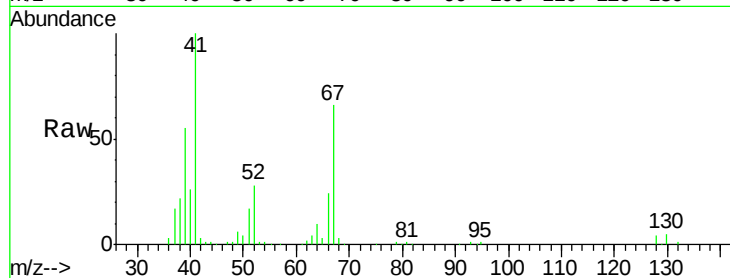




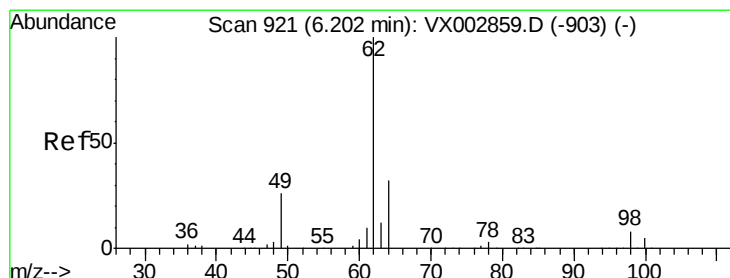
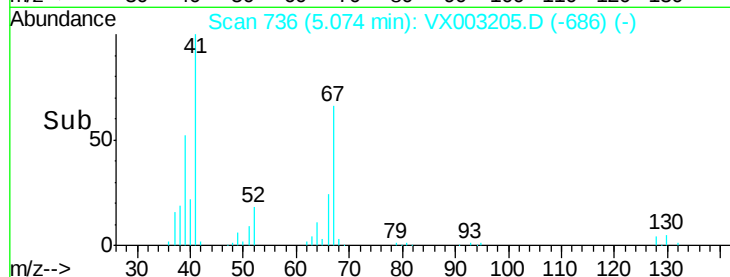
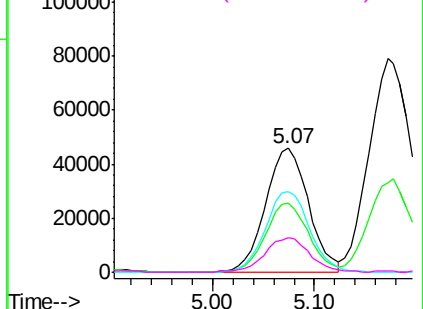
#41
Methacrylonitrile
Concen: 56.17 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion:	41	Resp:	133585
Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.8	68.6
67	67.5	51.3	76.9
52	28.7	23.0	34.6

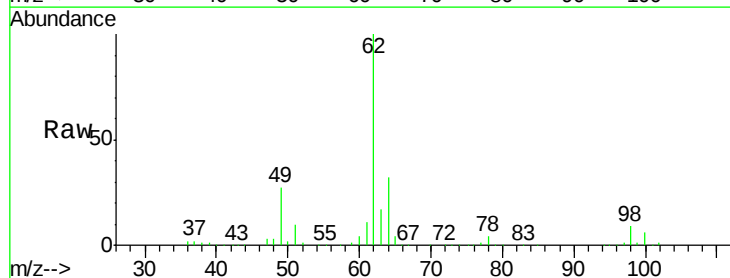


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

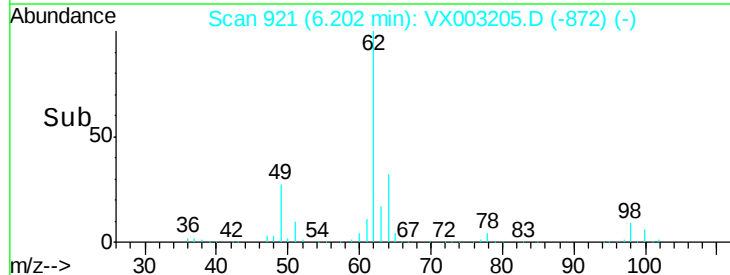
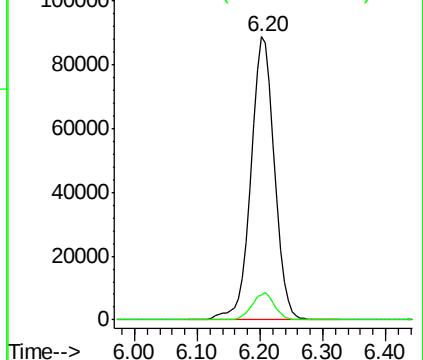


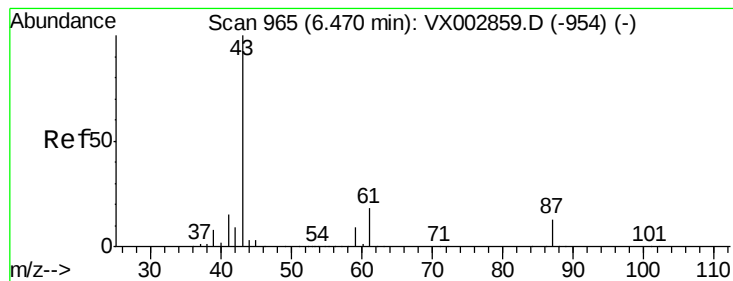
#42
1,2-Dichloroethane
Concen: 51.19 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion:	62	Resp:	230428
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



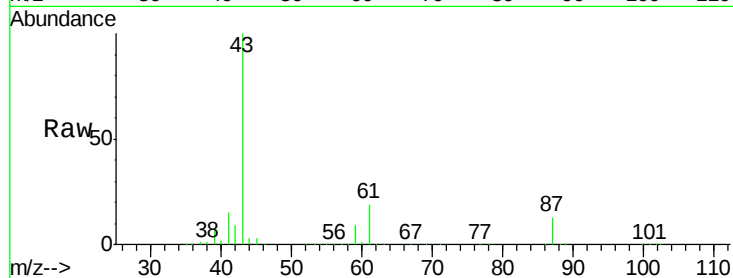


#43

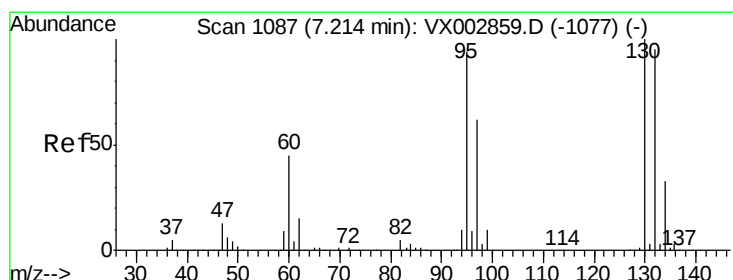
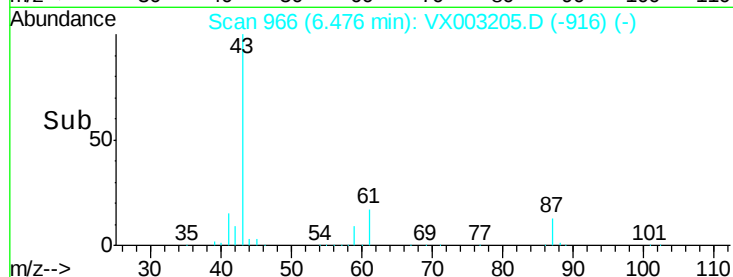
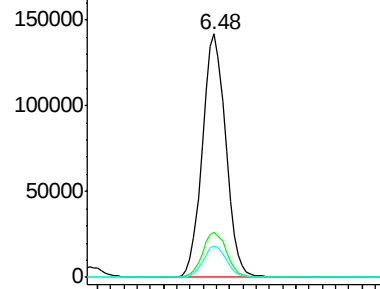
Isopropyl Acetate
 Concen: 50.09 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

Tot Ion: 43 Resp: 346955
 Ion Ratio Lower Upper
 43 100
 61 19.2 14.4 21.6
 87 13.1 9.5 14.3



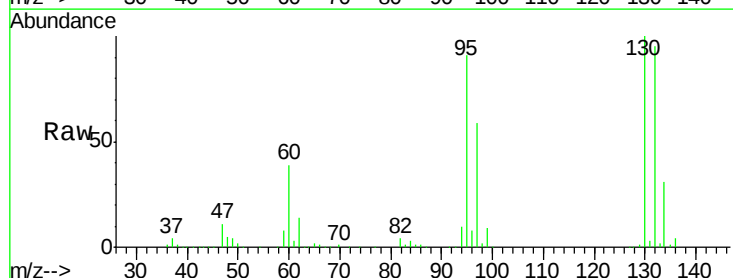
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



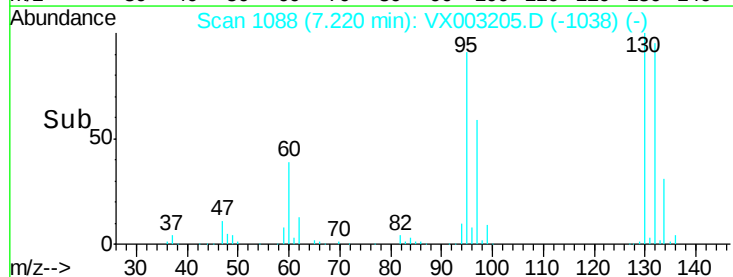
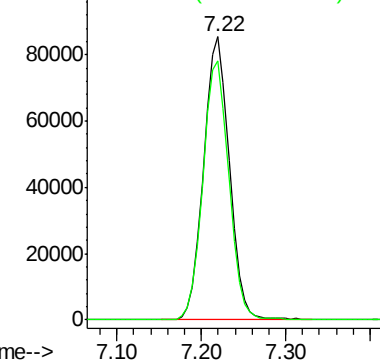
#44

Trichloroethene
 Concen: 53.21 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion: 130 Resp: 176810
 Ion Ratio Lower Upper
 130 100
 95 91.3 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 54.15 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

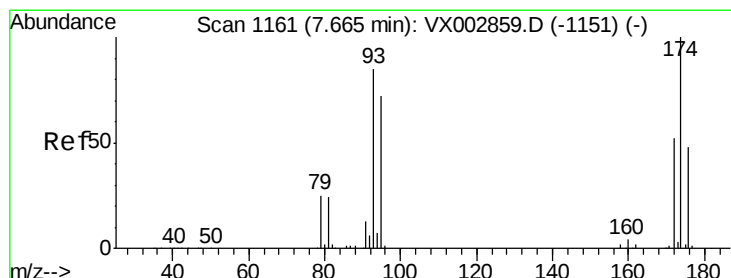
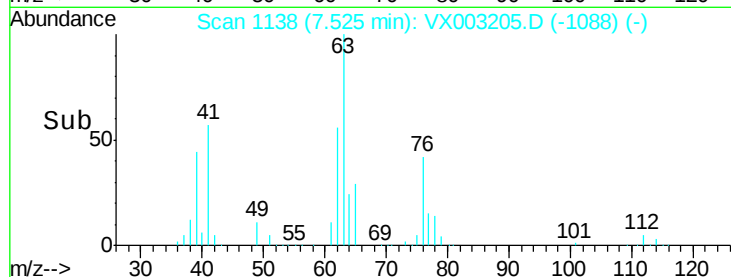
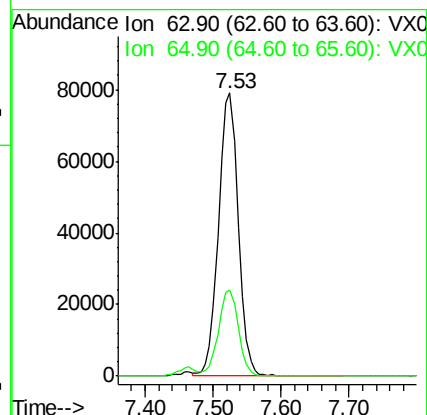
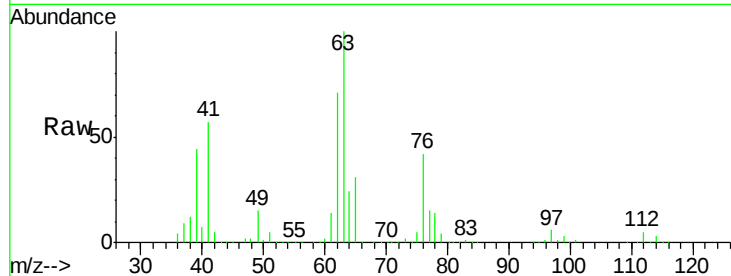
SS032MW061-180702MS

Tot Ion: 63 Resp: 160093

Ion Ratio Lower Upper

63 100

65 30.6 24.7 37.1



#46

Dibromomethane

Concen: 53.64 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

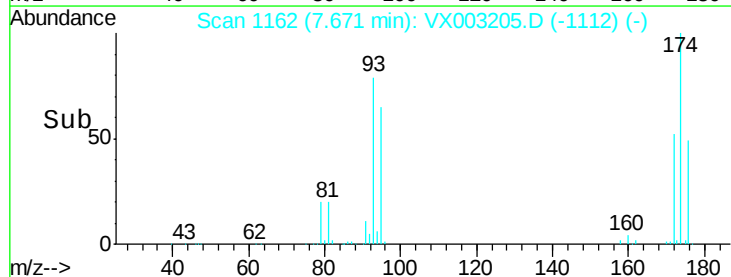
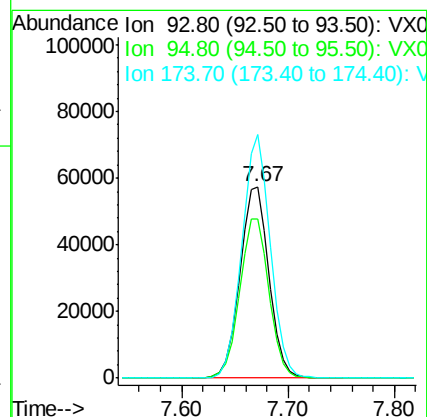
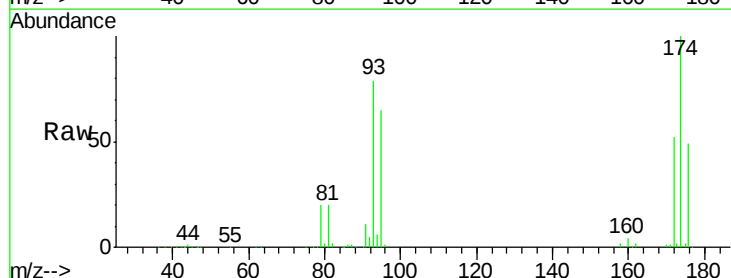
Tgt Ion: 93 Resp: 110055

Ion Ratio Lower Upper

93 100

95 84.2 65.9 98.9

174 124.8 92.4 138.6





#47

Bromodichloromethane

Concen: 55.66 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

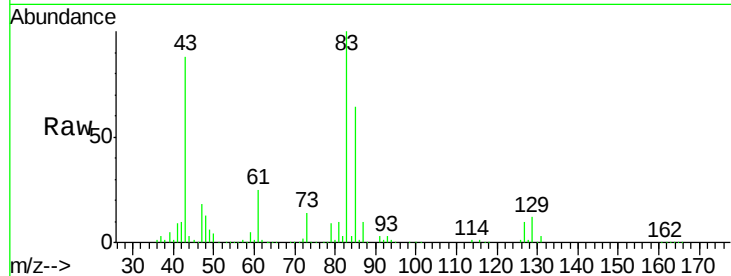
Tot Ion: 83 Resp: 211112

Ion Ratio Lower Upper

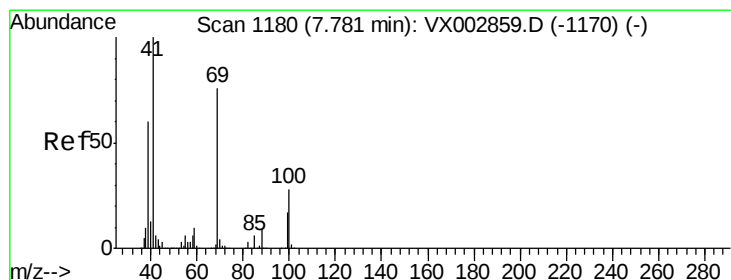
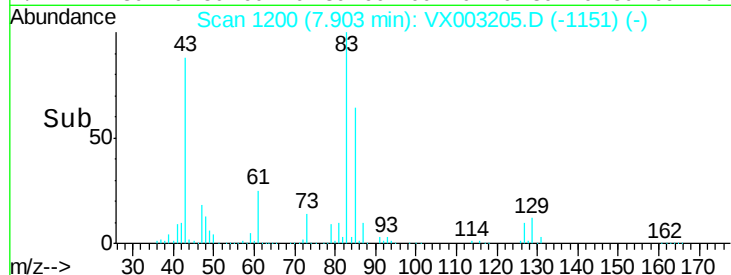
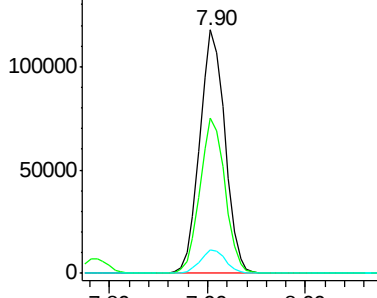
83 100

85 64.0 50.3 75.5

127 9.8 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: 55.96 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

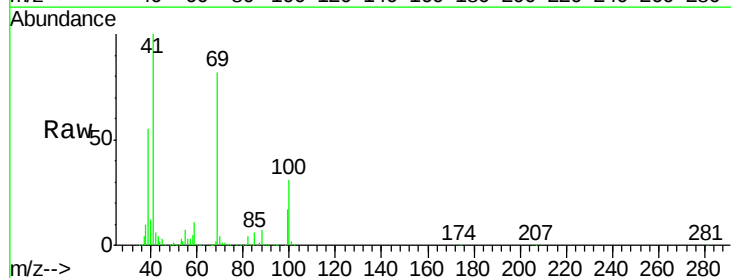
Tgt Ion: 41 Resp: 199722

Ion Ratio Lower Upper

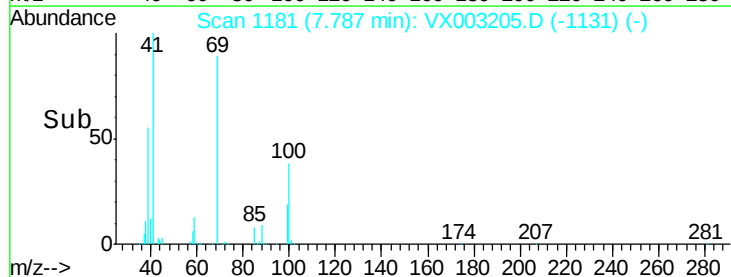
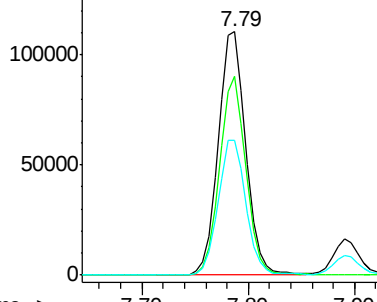
41 100

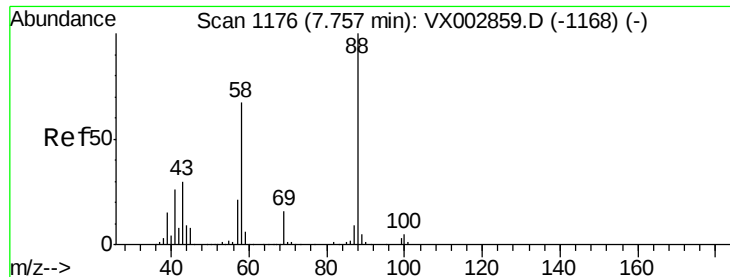
69 78.7 59.1 88.7

39 56.1 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

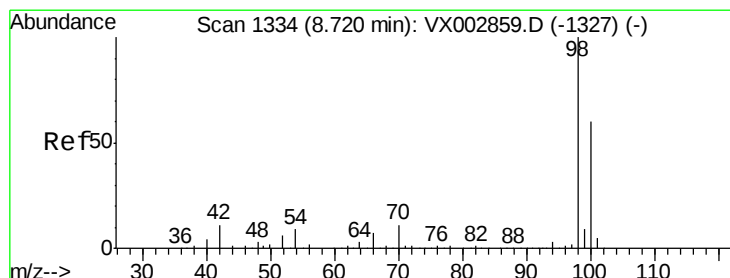
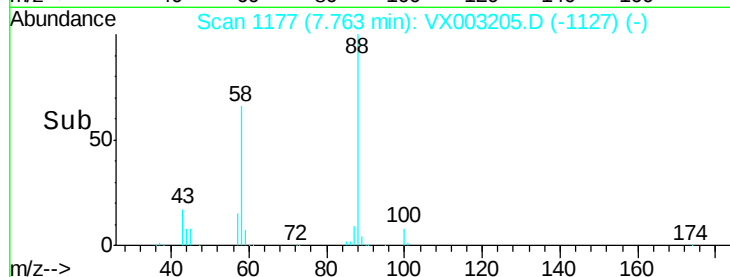
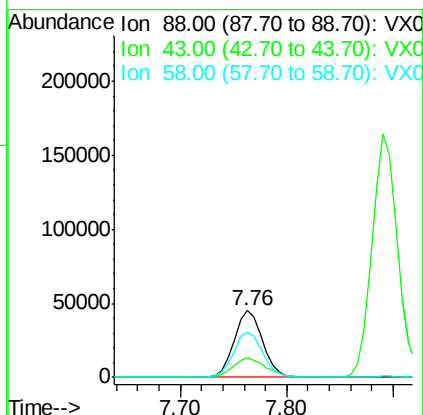
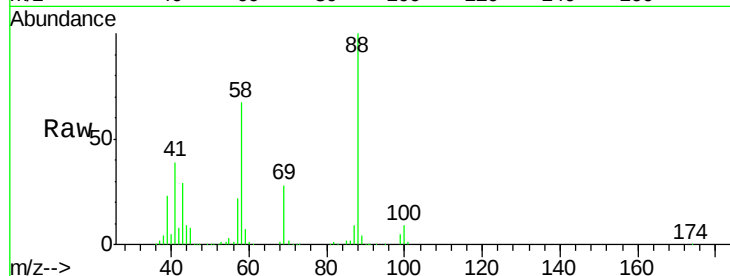




#49
1,4-Dioxane
Concen: 1213.86 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

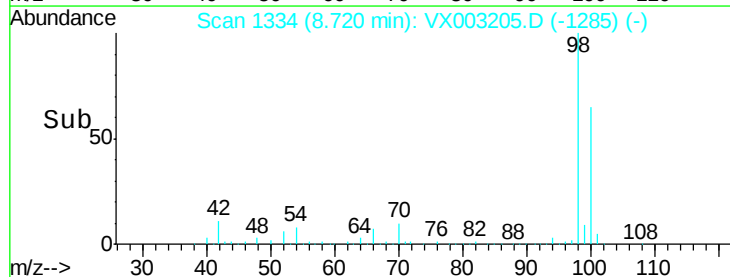
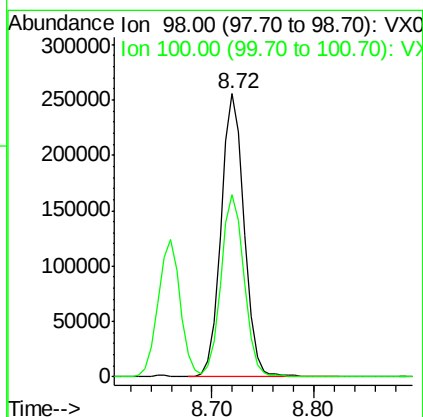
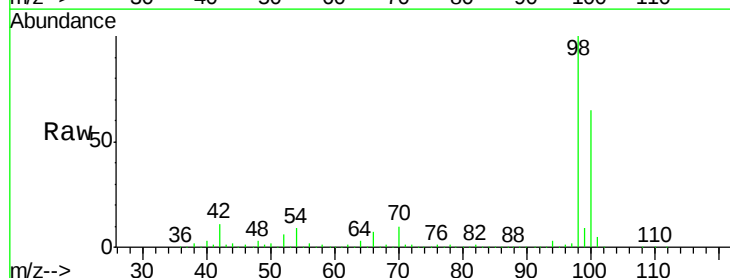
Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

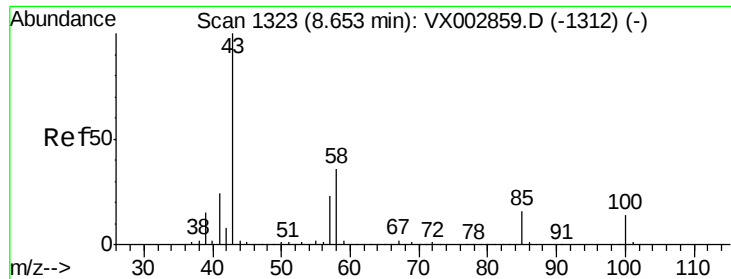
Tot Ion: 88 Resp: 84282
Ion Ratio Lower Upper
88 100
43 33.0 29.8 44.6
58 70.8 57.1 85.7



#50
Toluene-d8
Concen: 39.54 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion: 98 Resp: 399933
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3

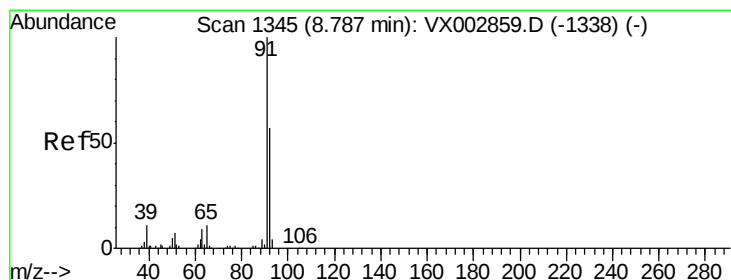
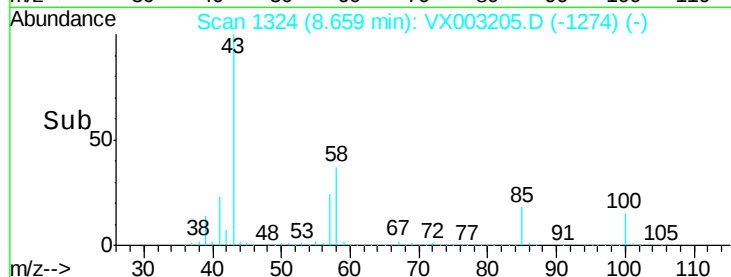
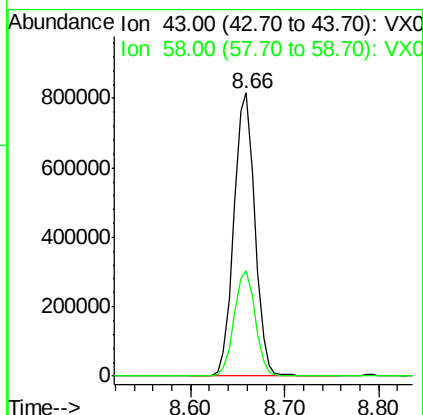
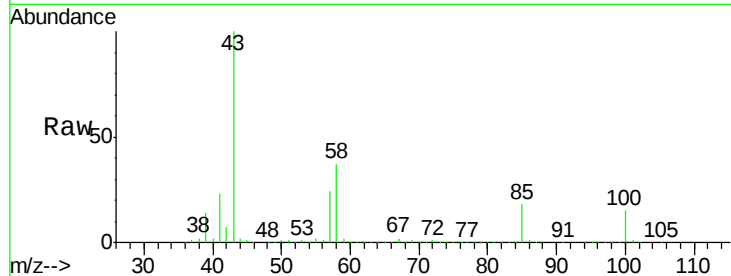




#51
4-Methyl-2-Pentanone
Concen: 291.22 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

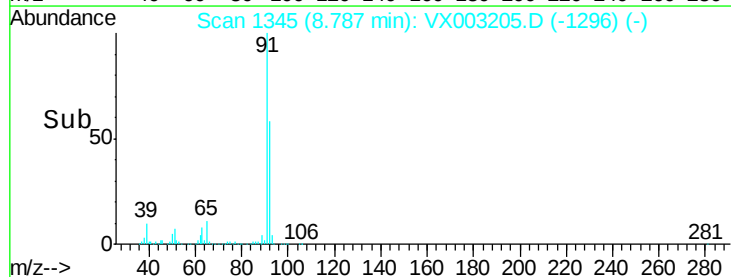
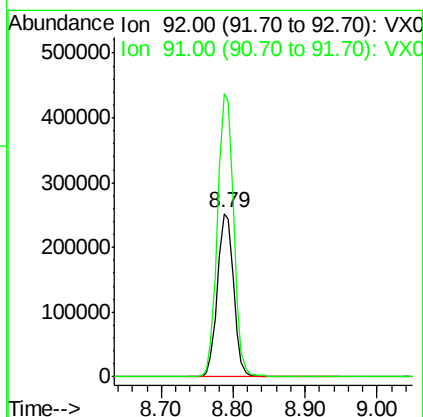
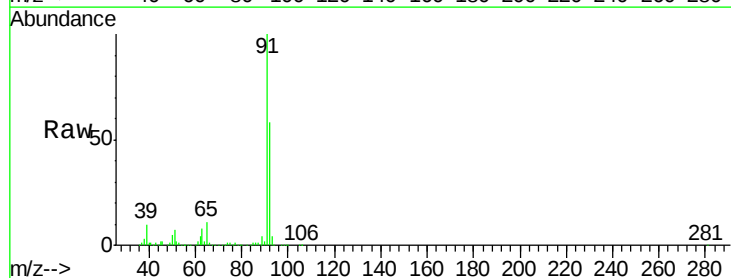
Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion: 43 Resp: 1261972
Ion Ratio Lower Upper
43 100
58 37.4 28.6 42.8



#52
Toluene
Concen: 55.08 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion: 92 Resp: 393266
Ion Ratio Lower Upper
92 100
91 173.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 48.73 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

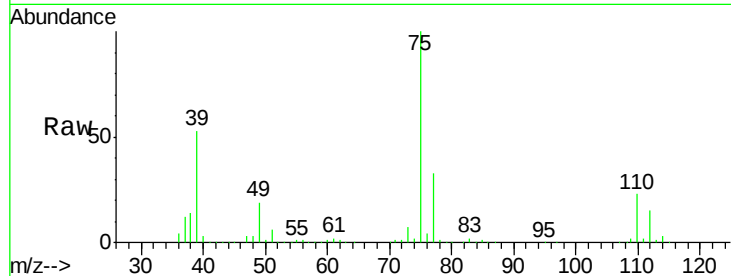
SS032MW061-180702MS

Tot Ion: 75 Resp: 209305

Ion Ratio Lower Upper

75 100

77 32.7 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

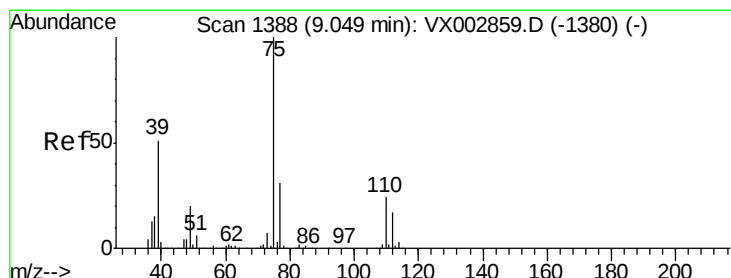
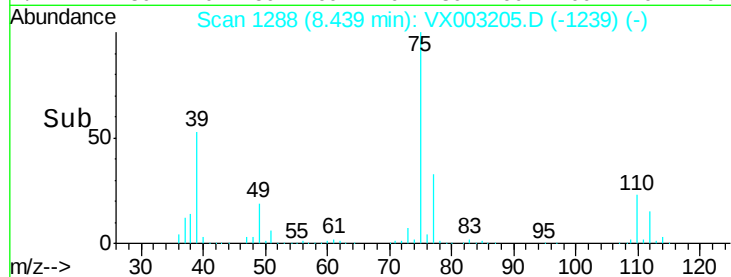
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.81 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

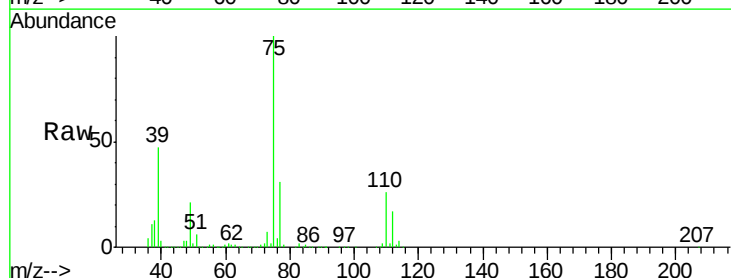
Tgt Ion: 75 Resp: 197612

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 47.1 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

9.05

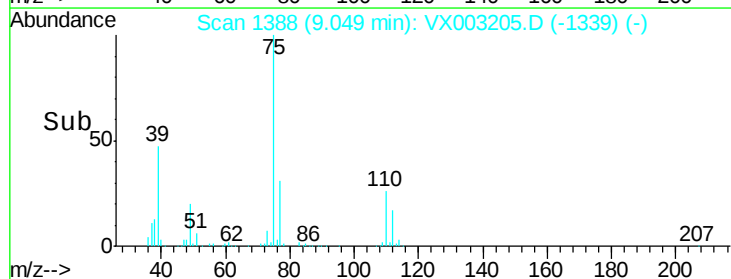
150000

100000

50000

0

Time-->



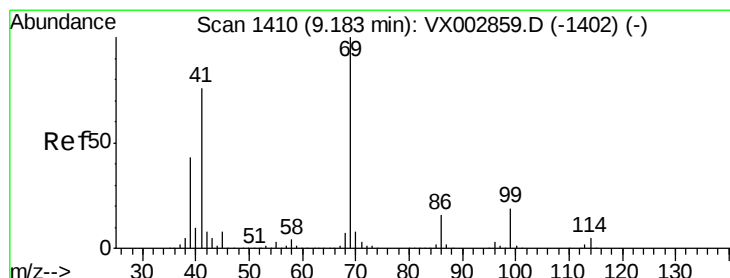
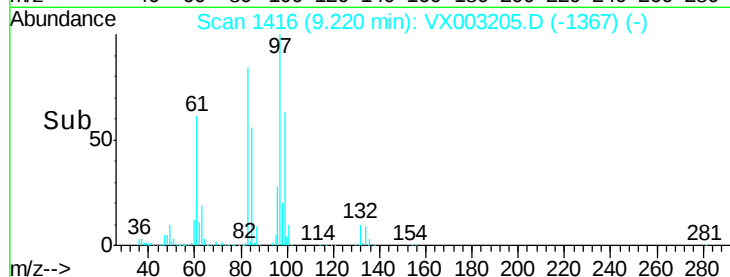
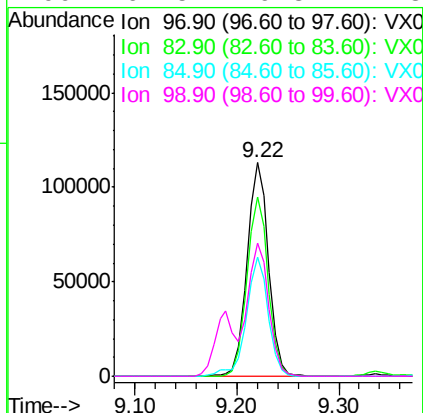
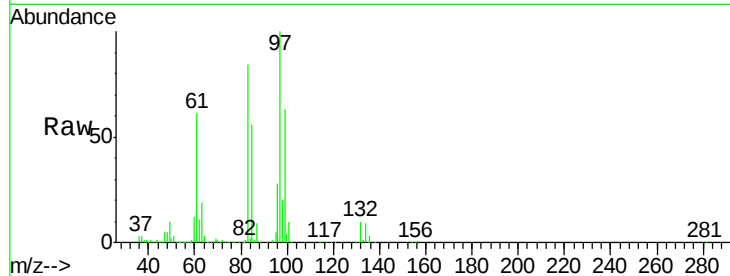


#55
 1,1,2-Trichloroethane
 Concen: 56.39 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

Tot Ion: 97 Resp: 165429

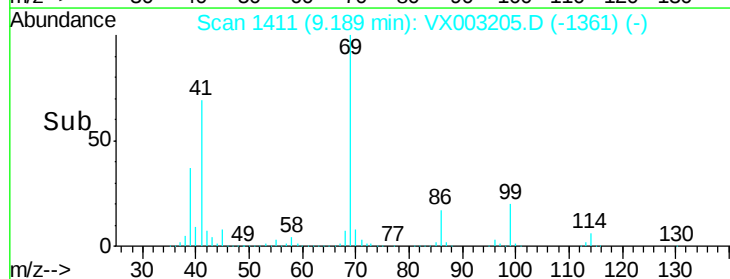
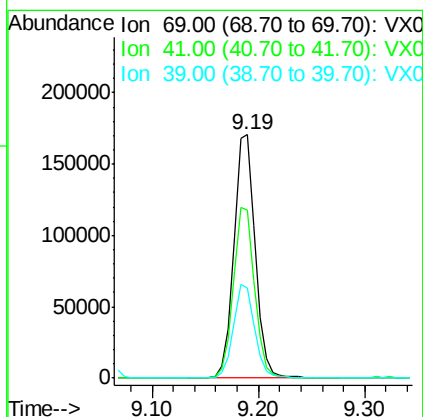
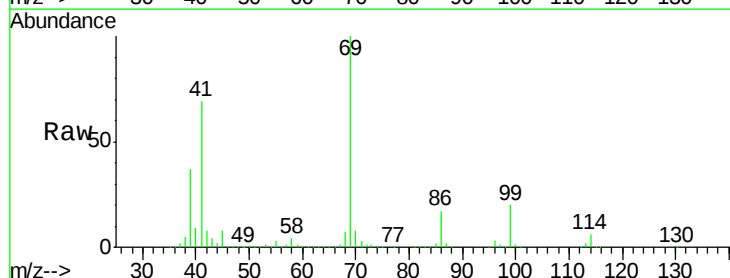
Ion	Ratio	Lower	Upper
97	100		
83	84.0	70.2	105.2
85	55.9	44.9	67.3
99	62.5	49.8	74.8

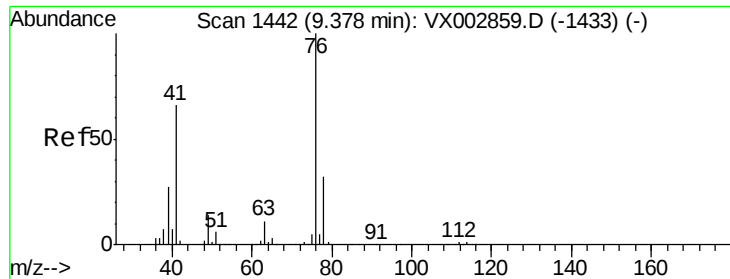


#56
 Ethyl methacrylate
 Concen: 56.06 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion: 69 Resp: 240354

Ion	Ratio	Lower	Upper
69	100		
41	69.7	60.3	90.5
39	38.0	35.8	53.8

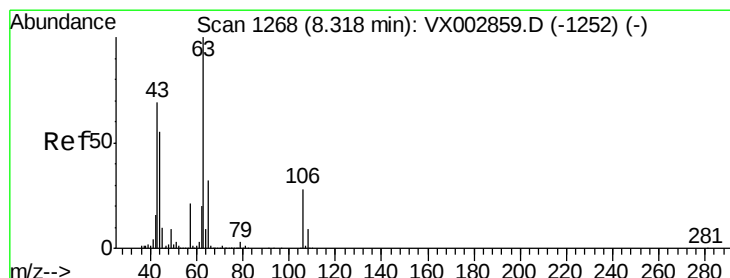
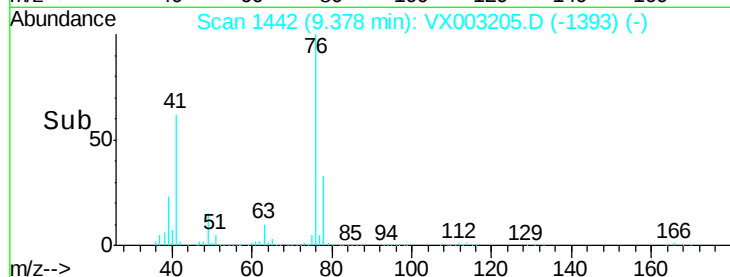
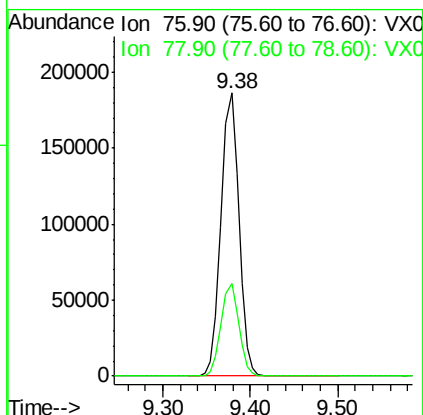
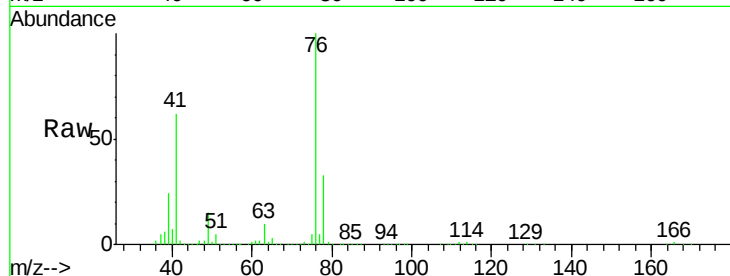




#57
 1,3-Dichloropropane
 Concen: 55.06 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

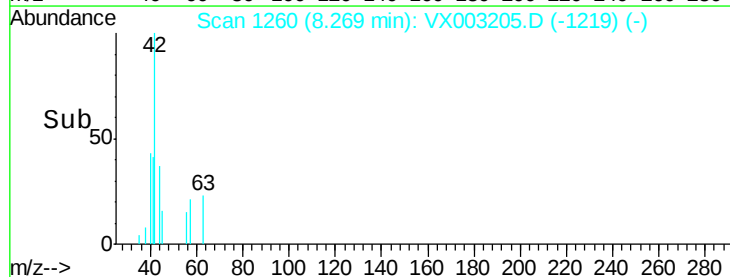
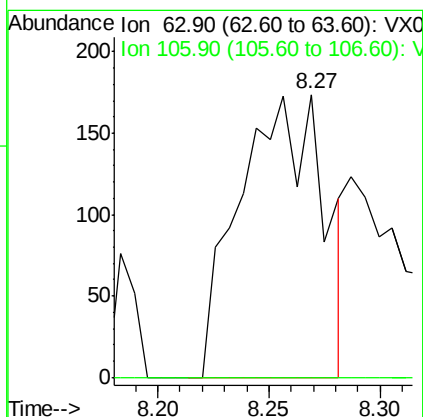
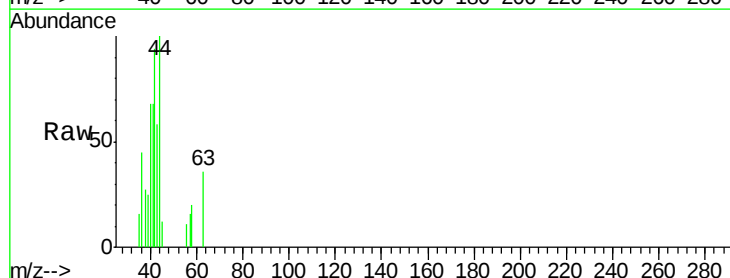
Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

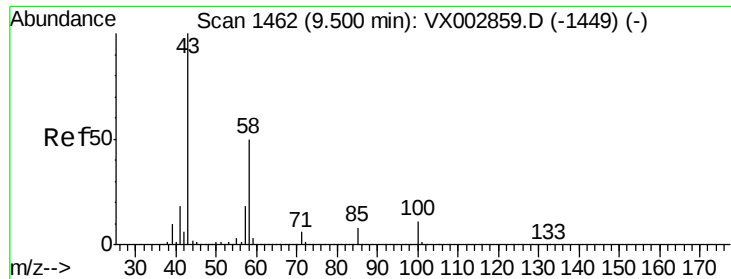
Tot Ion: 76 Resp: 265303
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.22 ug/l
 RT: 8.27 min Scan# 1260
 Delta R.T. -0.05 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion: 63 Resp: 454
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.8 32.8#

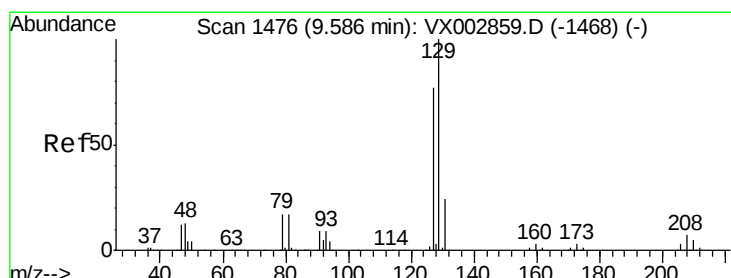
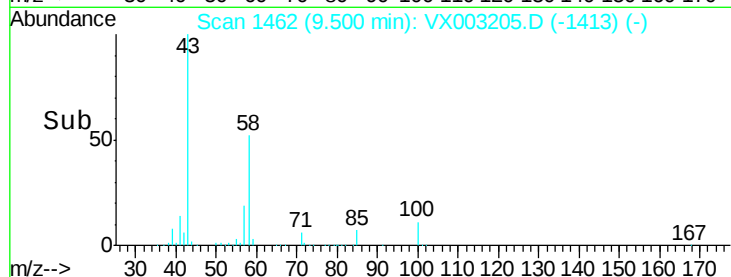
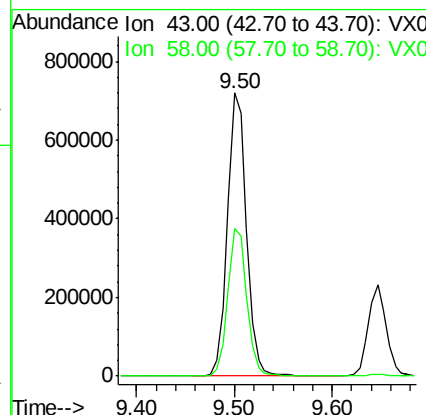
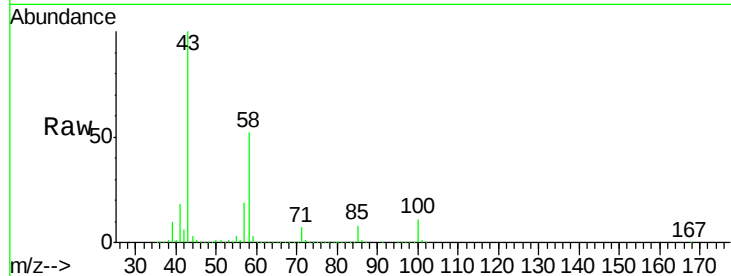




#59
2-Hexanone
Concen: 294.16 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

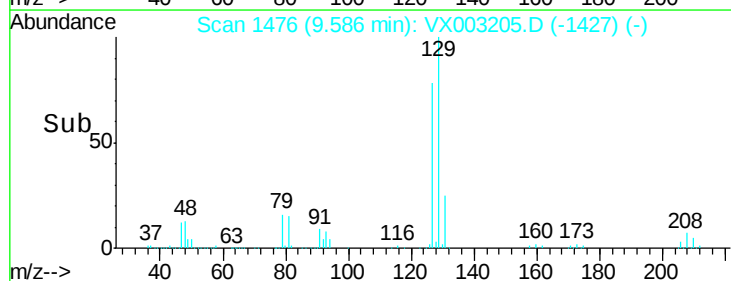
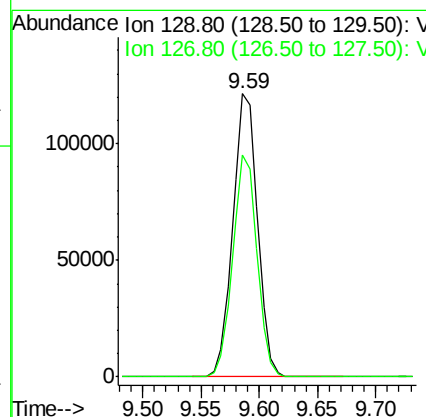
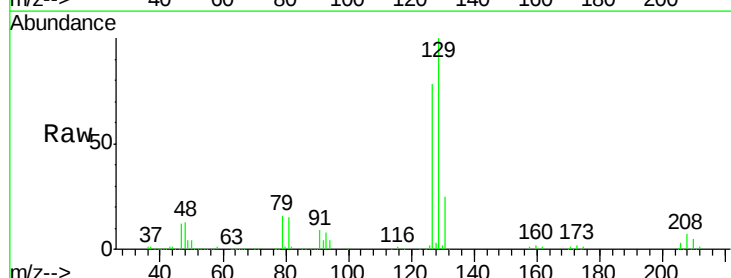
Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

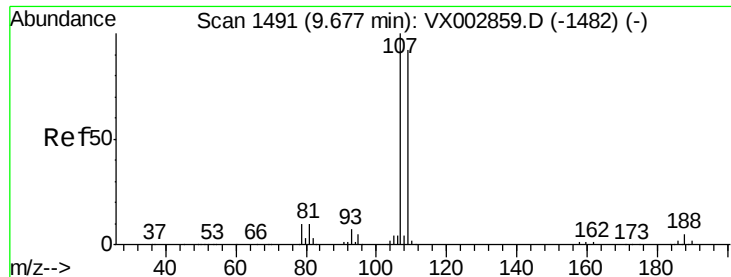
Tot Ion: 43 Resp: 968798
Ion Ratio Lower Upper
43 100
58 52.6 24.6 73.6



#60
Dibromochloromethane
Concen: 57.95 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion: 129 Resp: 178984
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3

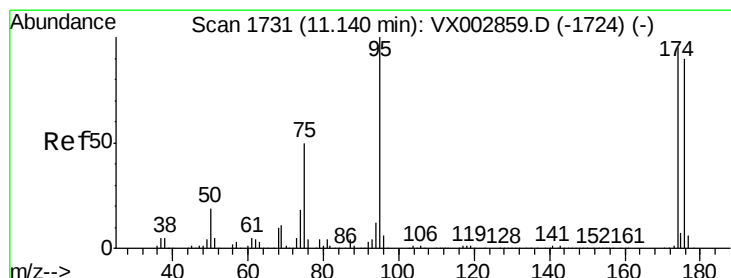
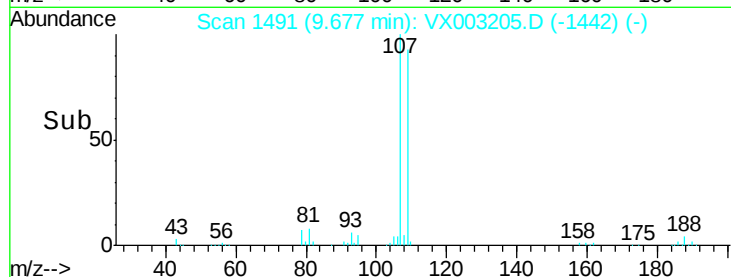
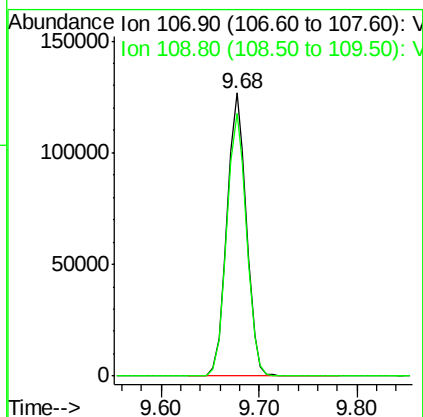
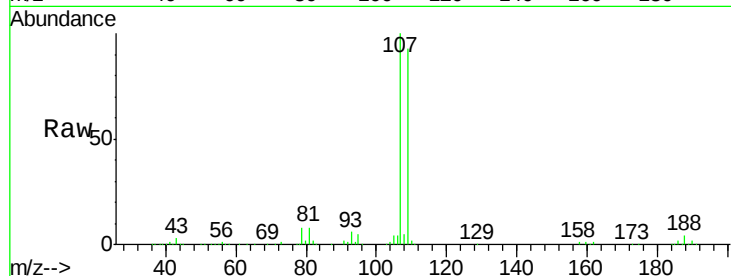




#61
 1,2-Dibromoethane
 Concen: 56.69 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

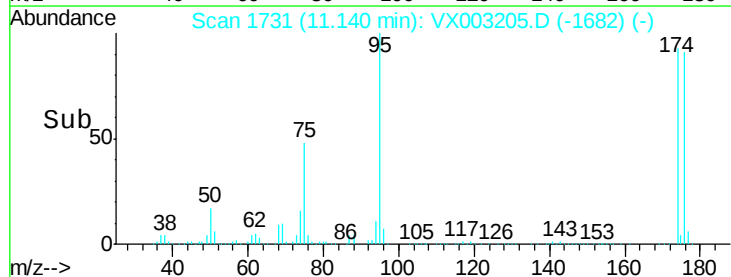
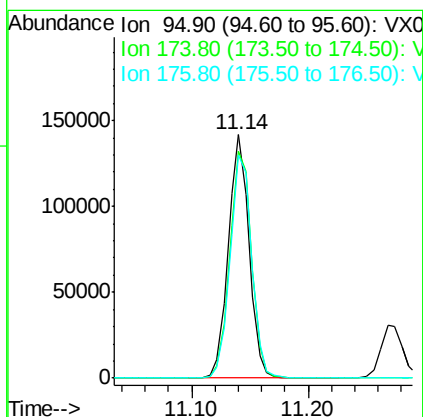
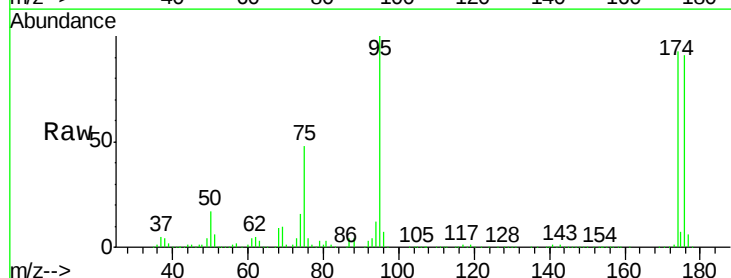
Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

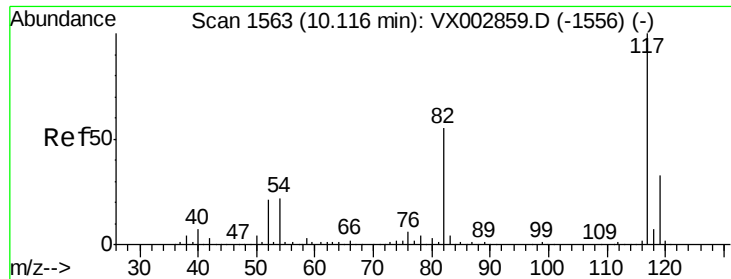
Tot Ion:107 Resp: 174440
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 44.92 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion: 95 Resp: 175213
 Ion Ratio Lower Upper
 95 100
 174 97.9 0.0 187.4
 176 96.0 0.0 181.0

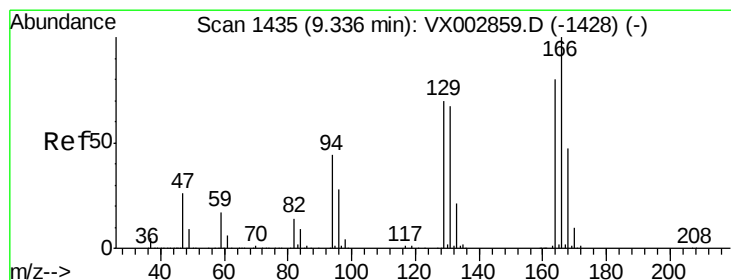
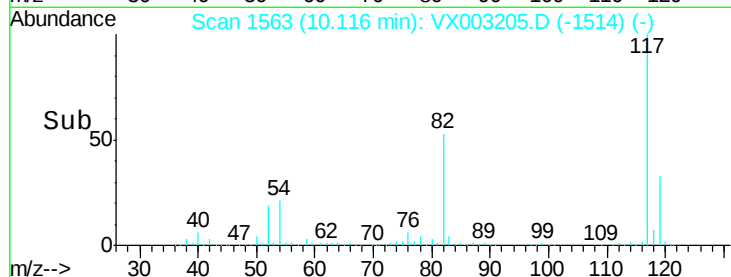
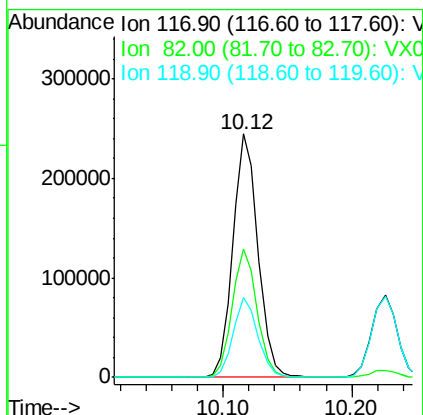
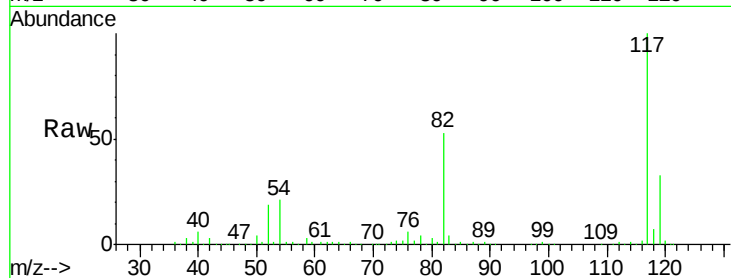




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

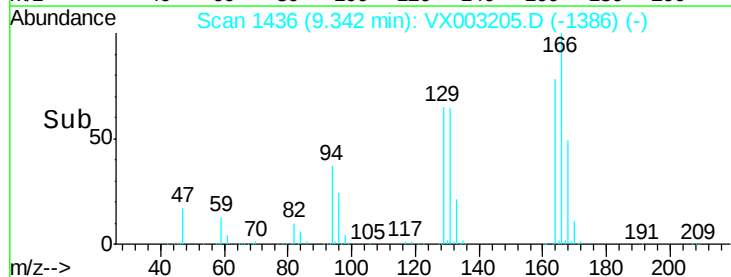
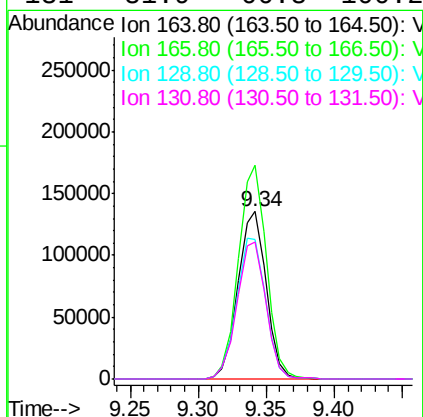
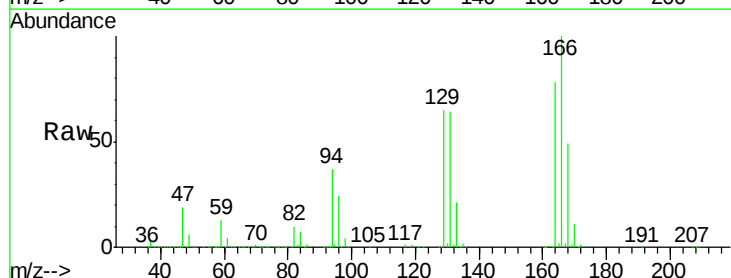
Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion:117 Resp: 332053
Ion Ratio Lower Upper
117 100
82 53.0 45.0 67.4
119 32.7 25.8 38.6



#64
Tetrachloroethene
Concen: 53.30 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion:164 Resp: 196795
Ion Ratio Lower Upper
164 100
166 127.6 102.9 154.3
129 83.4 68.6 102.8
131 81.9 66.8 100.2





#65

Chlorobenzene

Concen: 53.88 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

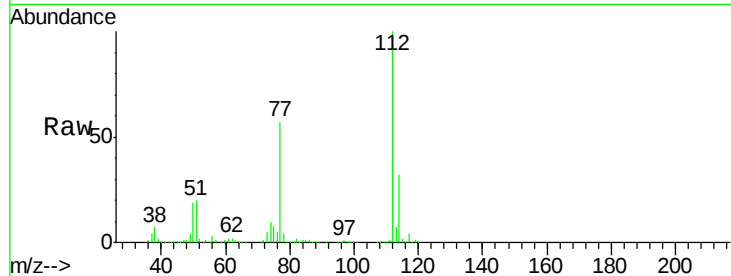
SS032MW061-180702MS

Tot Ion:112 Resp: 454434

Ion Ratio Lower Upper

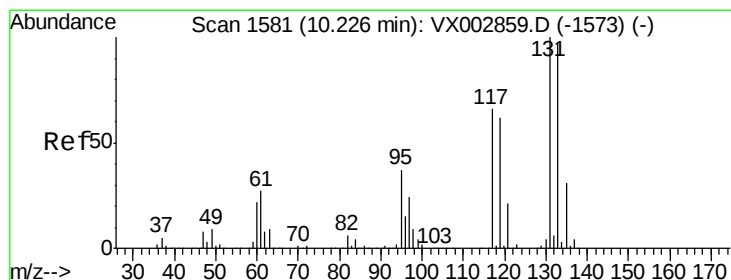
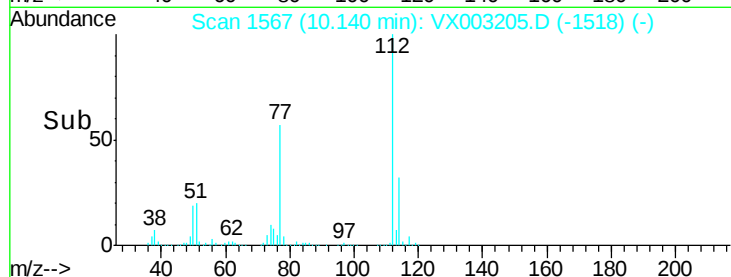
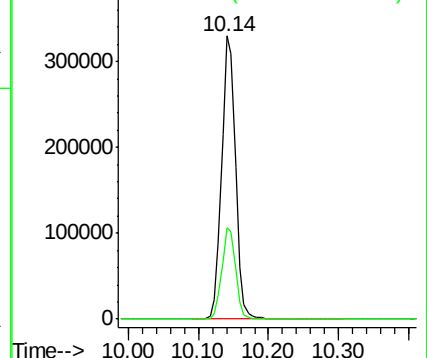
112 100

114 32.3 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 56.30 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

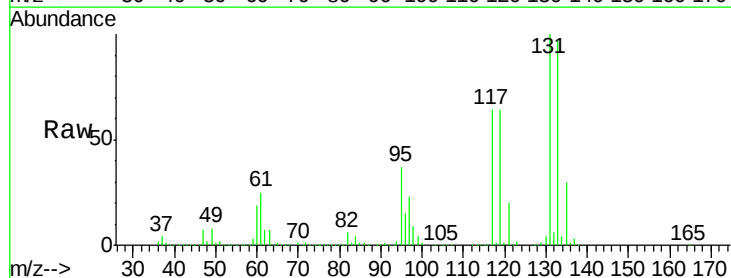
Tgt Ion:131 Resp: 172509

Ion Ratio Lower Upper

131 100

133 96.9 47.9 143.6

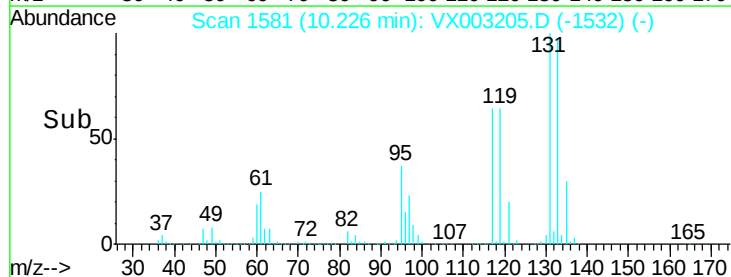
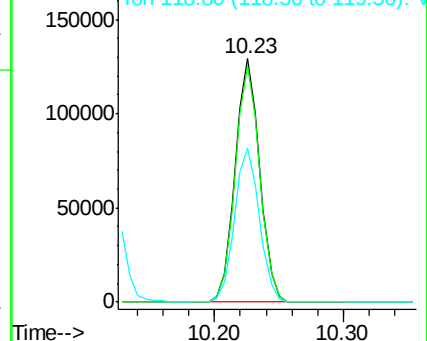
119 64.1 31.8 95.3

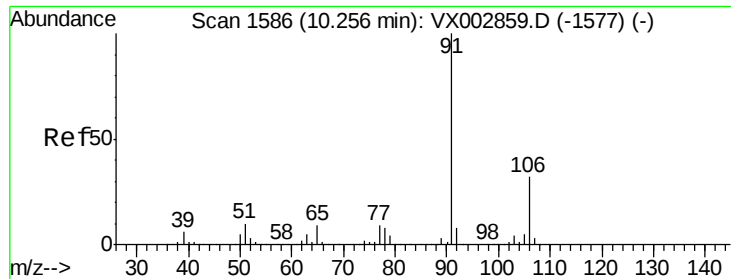


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.46 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

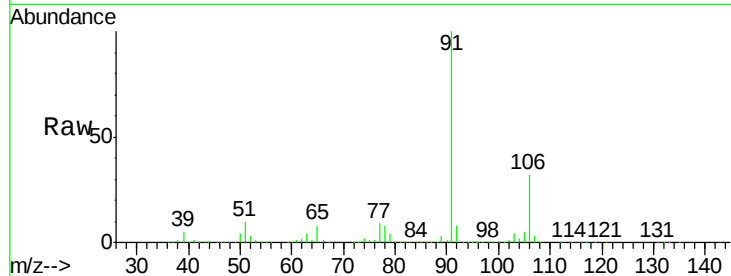
SS032MW061-180702MS

Tot Ion: 91 Resp: 758712

Ion Ratio Lower Upper

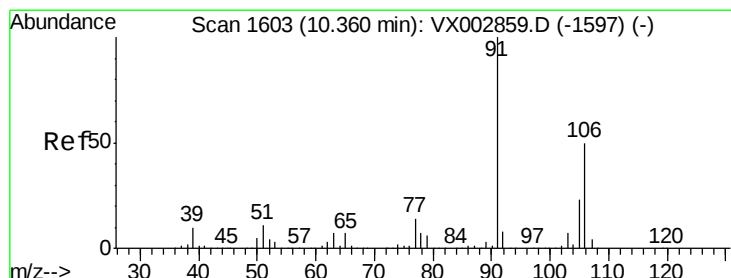
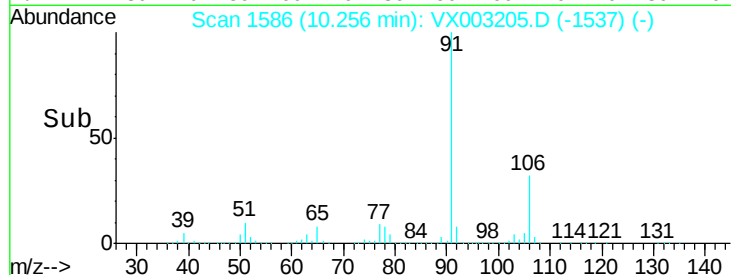
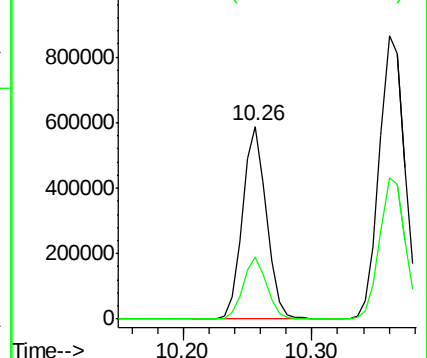
91 100

106 31.9 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: 110.51 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003205.D

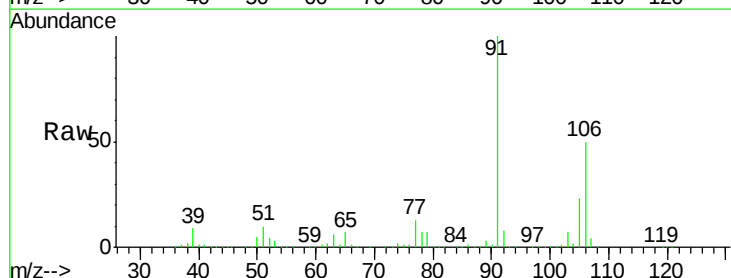
Acq: 06 Jul 2018 06:48

Tgt Ion: 106 Resp: 593396

Ion Ratio Lower Upper

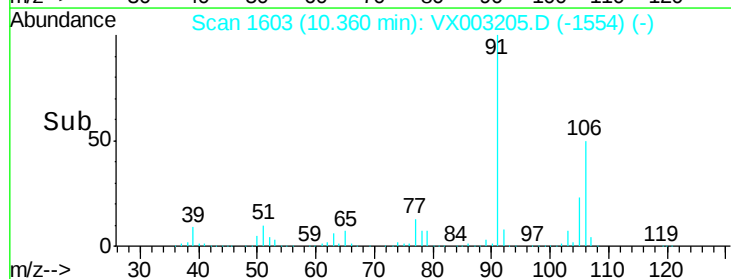
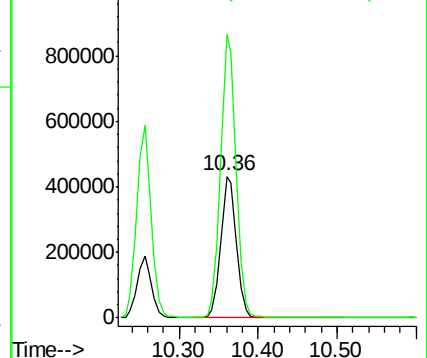
106 100

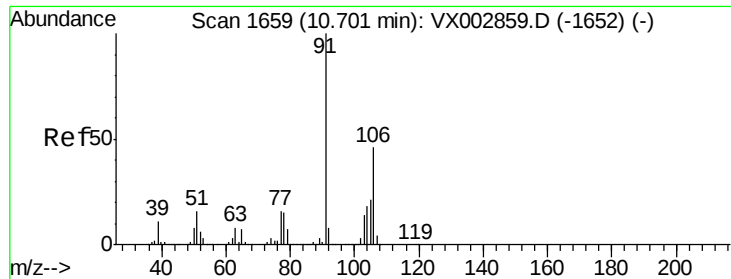
91 199.4 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

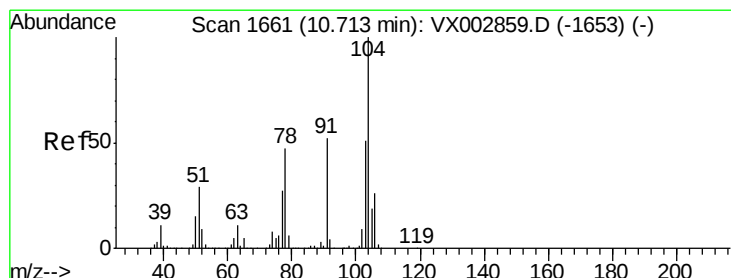
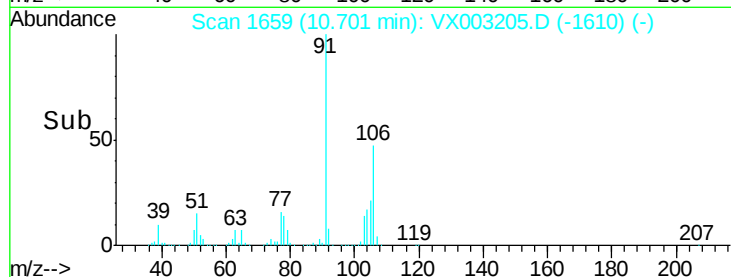
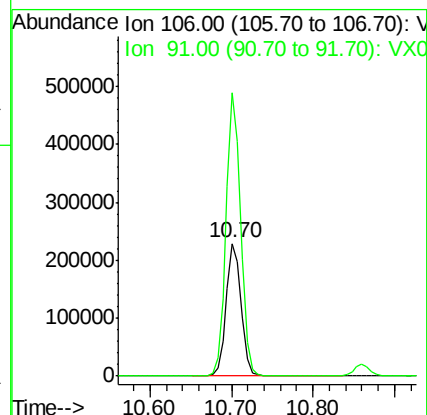
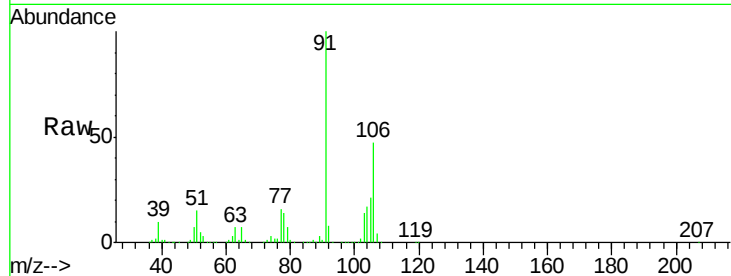




#69
o-Xylene
Concen: 55.86 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

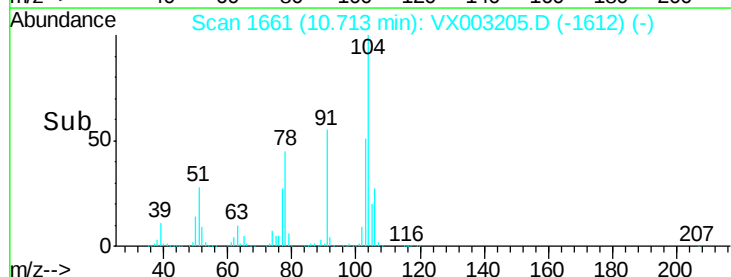
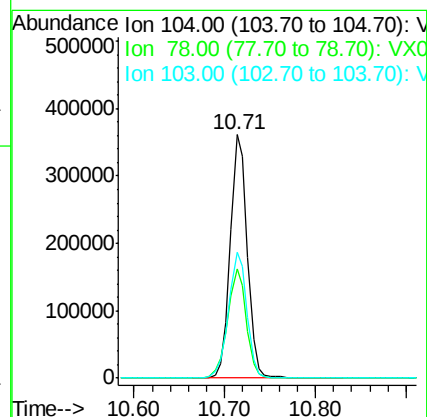
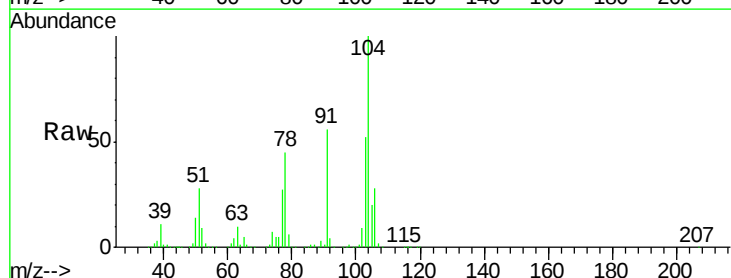
Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion:106 Resp: 292040
Ion Ratio Lower Upper
106 100
91 210.1 108.2 324.6



#70
Styrene
Concen: 55.43 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion:104 Resp: 470952
Ion Ratio Lower Upper
104 100
78 49.4 41.0 61.6
103 56.0 44.2 66.4

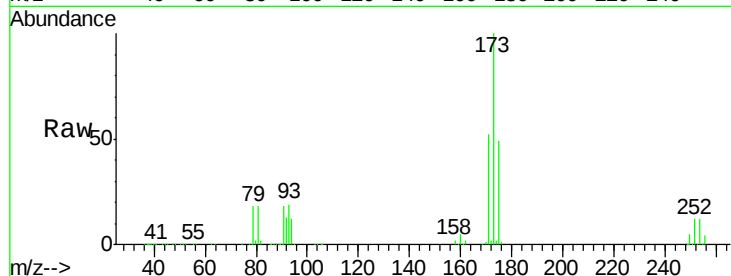




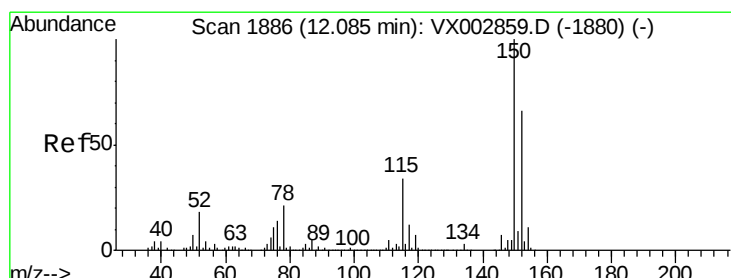
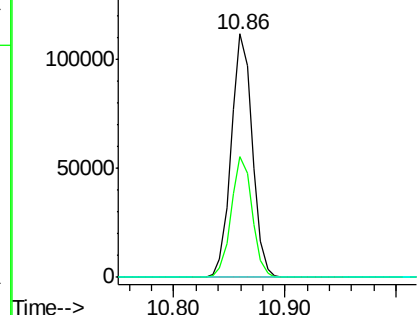
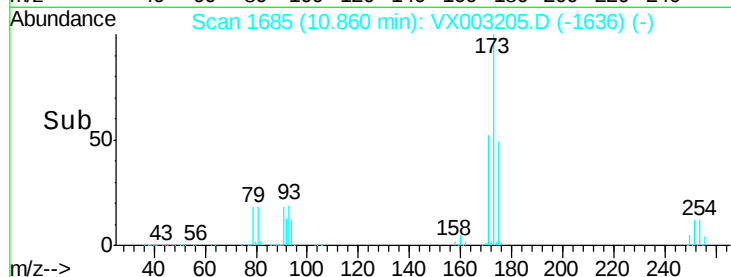
#71
Bromoform
Concen: 52.51 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion:173 Resp: 145953
Ion Ratio Lower Upper
173 100
175 49.0 24.7 74.1
254 0.2 0.2 0.2

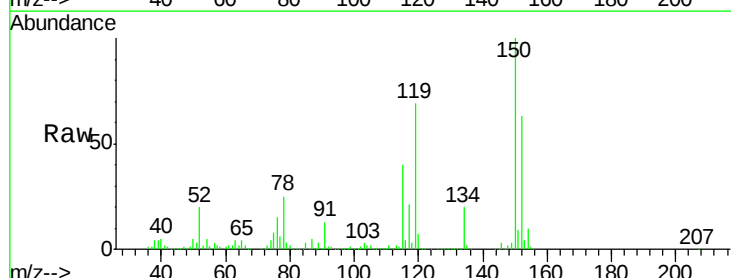


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

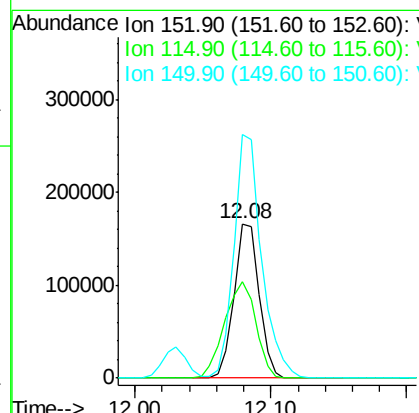
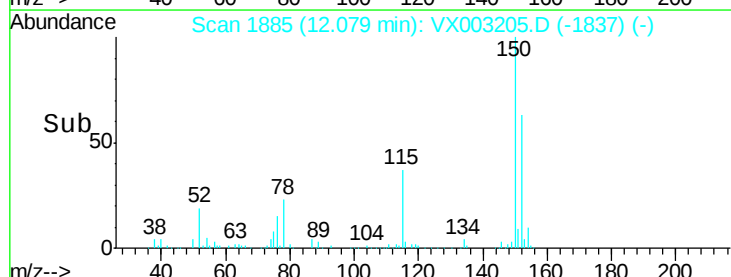


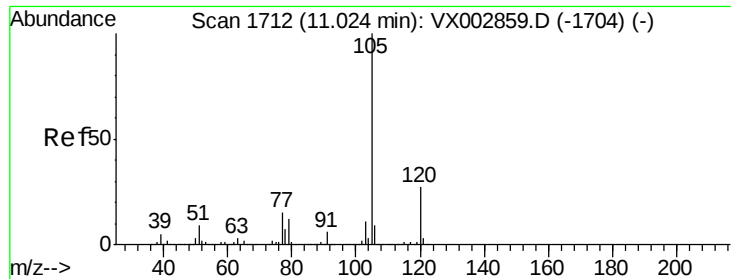
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion:152 Resp: 212220
Ion Ratio Lower Upper
152 100
115 78.3 40.1 120.2
150 174.7 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

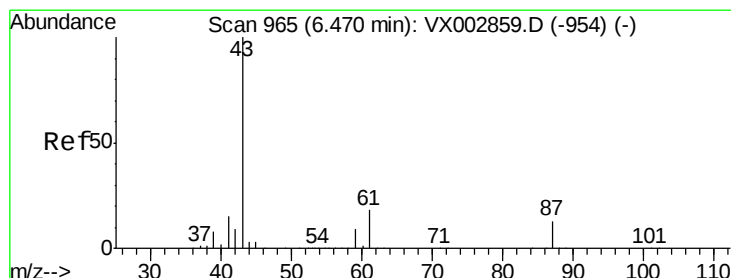
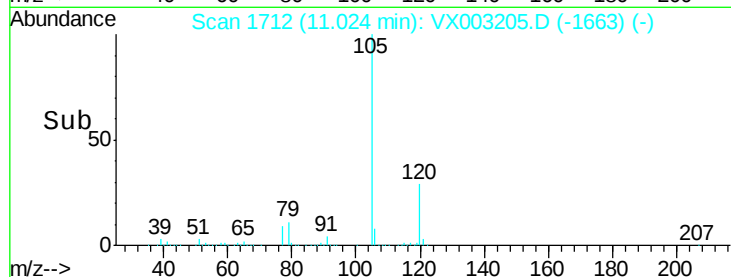
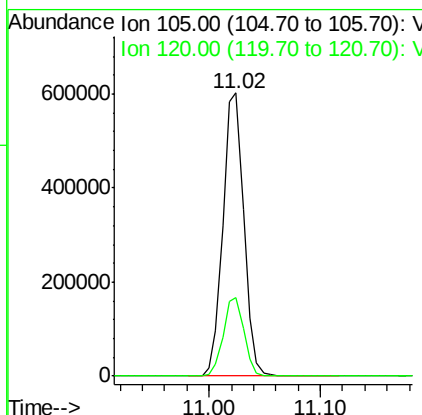
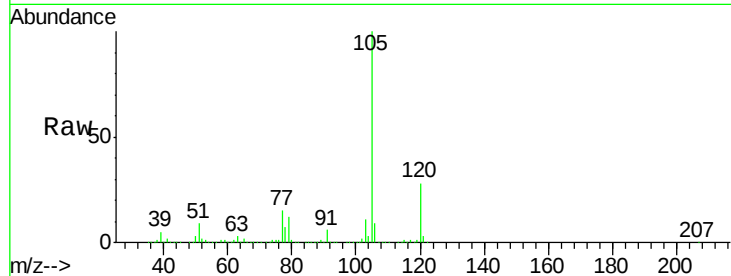




#73
Isopropylbenzene
Concen: 54.90 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

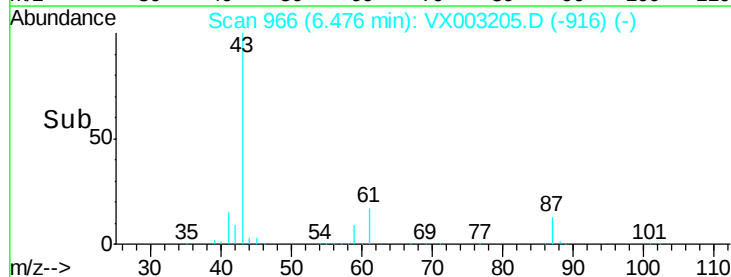
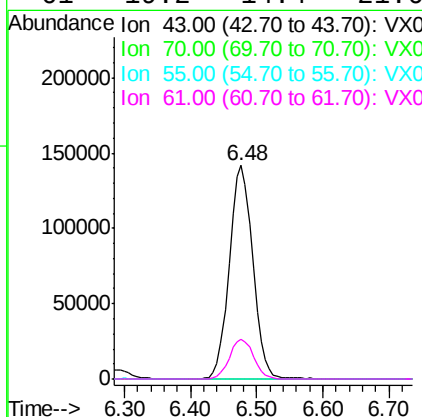
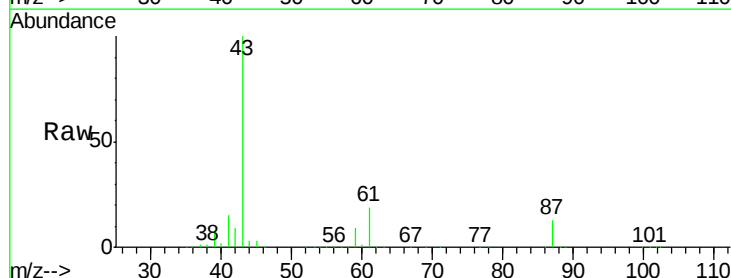
Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

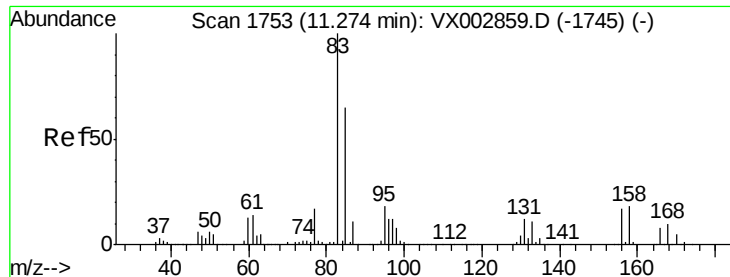
Tot Ion:105 Resp: 783854
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4



#74
N-ethyl acetate
Concen: 49.67 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion: 43 Resp: 346955
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.0 0.0 0.0#
61 19.2 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 55.72 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

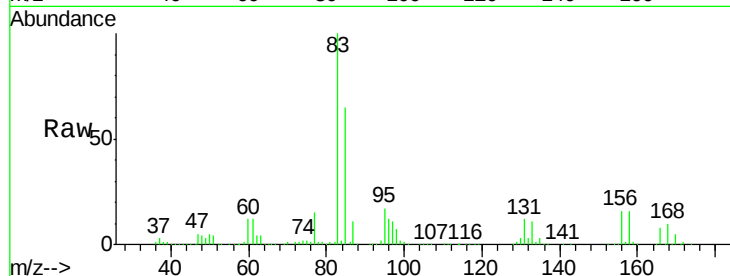
Tot Ion: 83 Resp: 245050

Ion Ratio Lower Upper

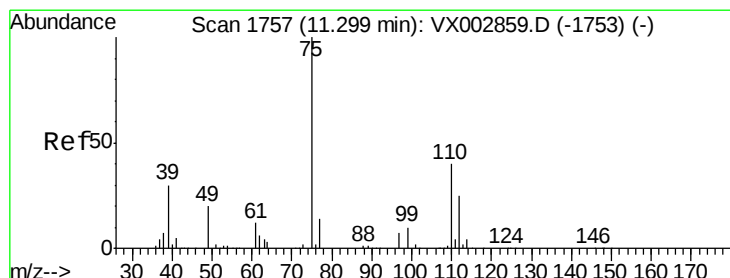
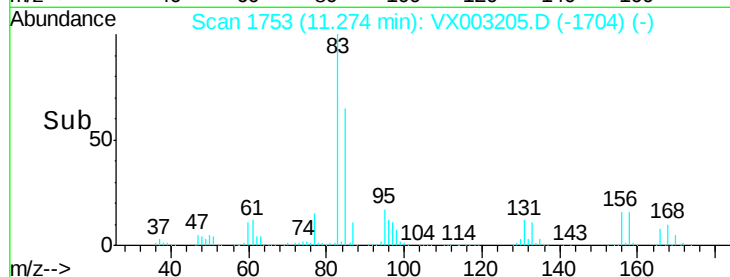
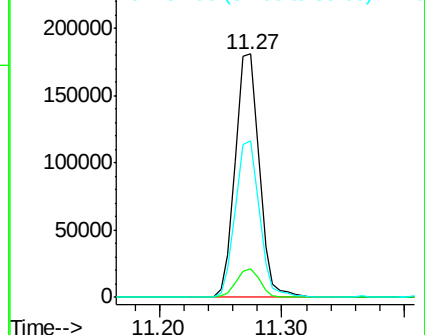
83 100

131 11.5 5.6 16.8

85 64.7 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: 69.65 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003205.D

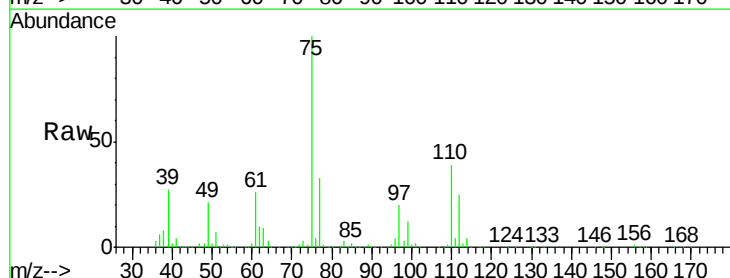
Acq: 06 Jul 2018 06:48

Tgt Ion: 75 Resp: 267756

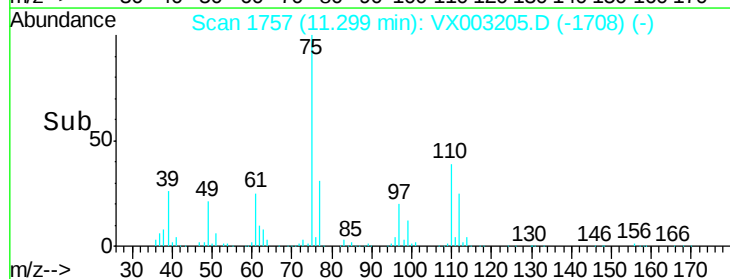
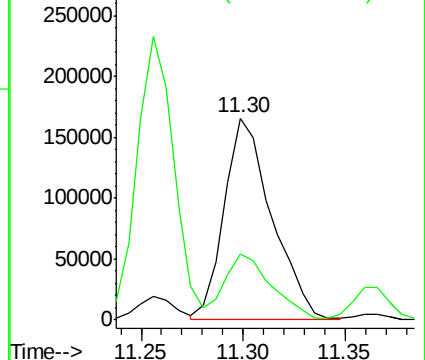
Ion Ratio Lower Upper

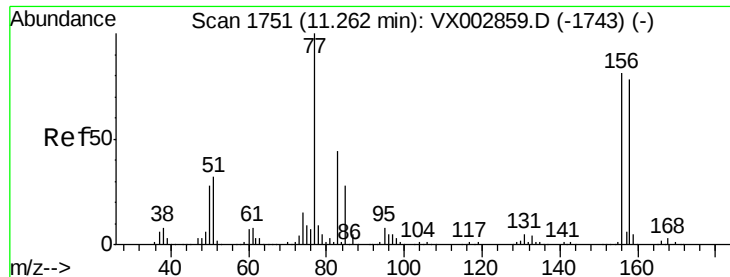
75 100

77 32.6 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: 54.41 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

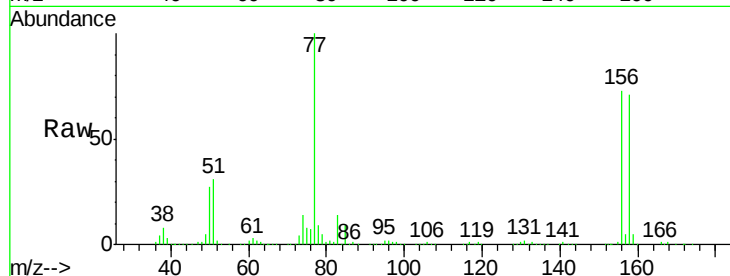
Tot Ion:156 Resp: 221226

Ion Ratio Lower Upper

156 100

77 132.8 71.4 214.2

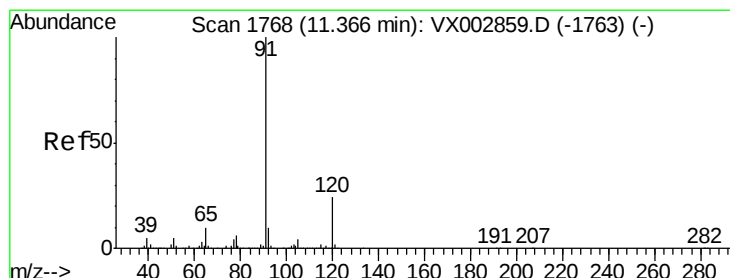
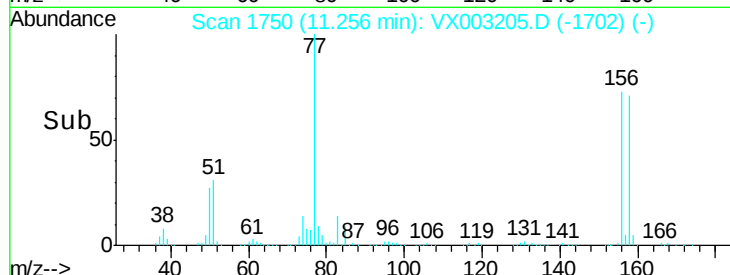
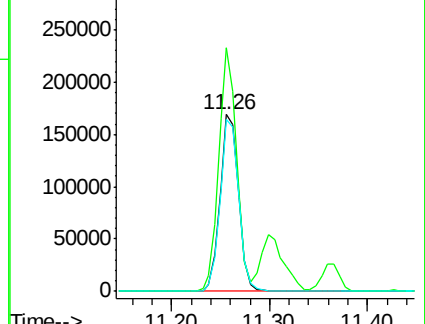
158 97.7 48.9 146.6



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: 53.19 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003205.D

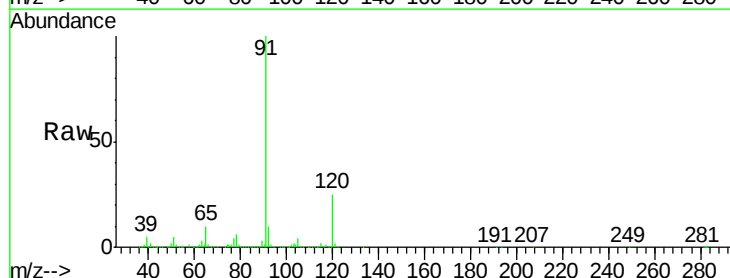
Acq: 06 Jul 2018 06:48

Tgt Ion: 91 Resp: 864356

Ion Ratio Lower Upper

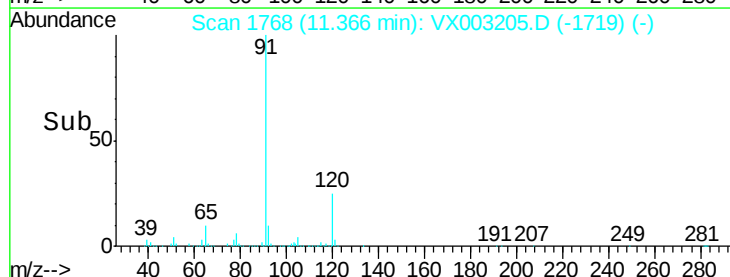
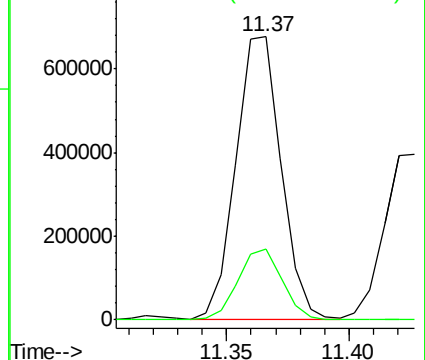
91 100

120 24.6 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: 53.03 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

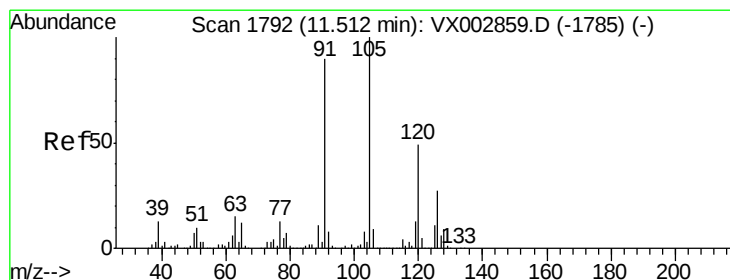
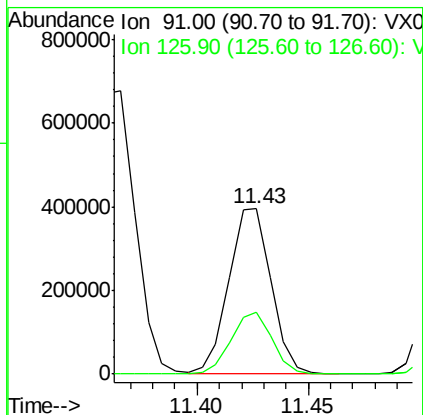
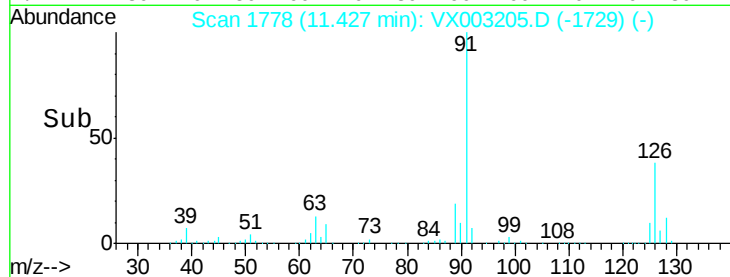
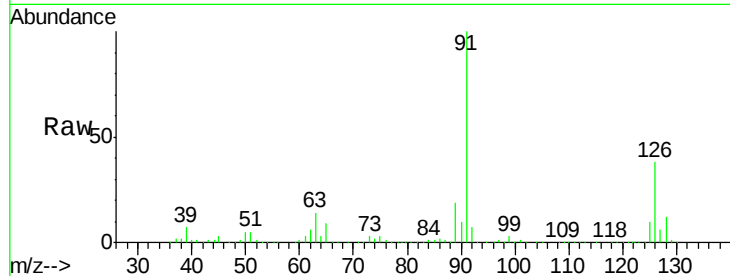
SS032MW061-180702MS

Tot Ion: 91 Resp: 521711

Ion Ratio Lower Upper

91 100

126 36.6 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 54.58 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003205.D

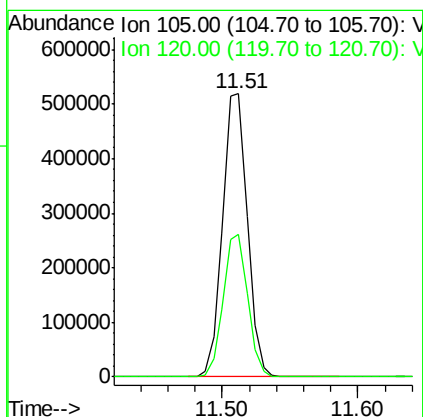
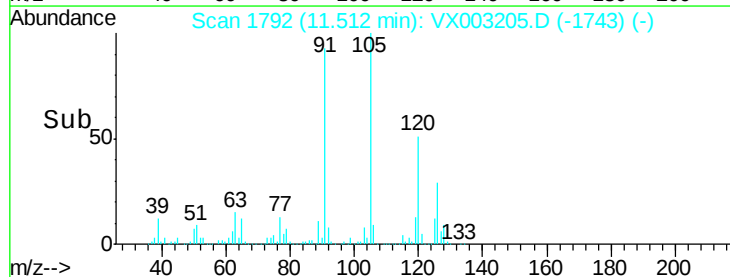
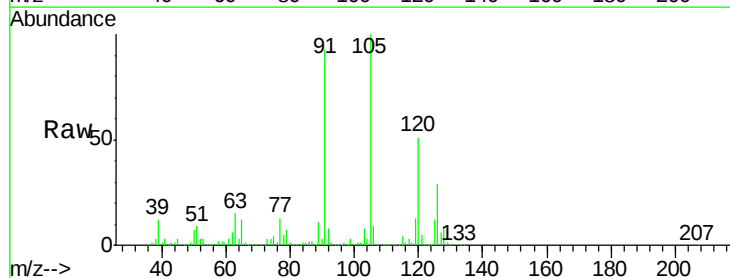
Acq: 06 Jul 2018 06:48

Tgt Ion: 105 Resp: 656255

Ion Ratio Lower Upper

105 100

120 49.8 24.4 73.4

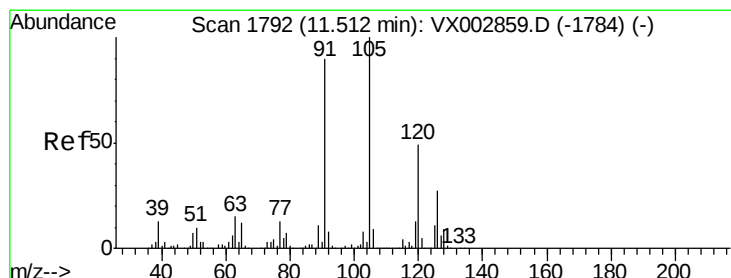
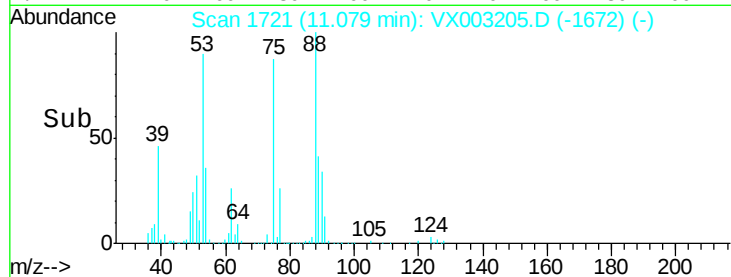
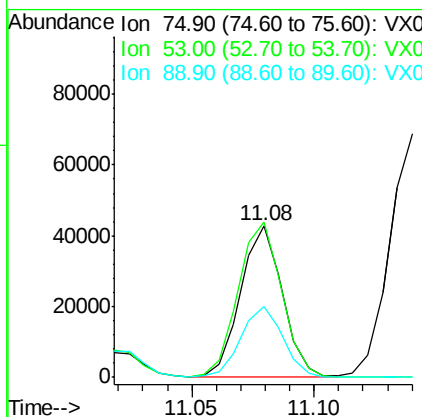
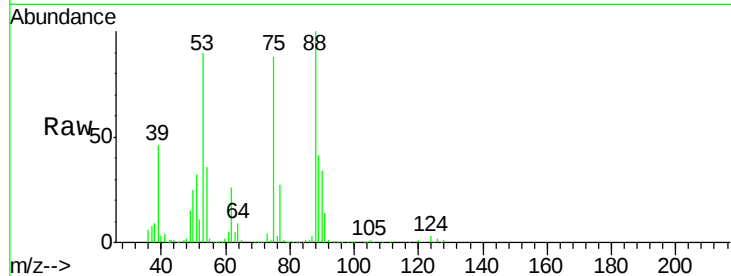




#81
trans-1,4-Dichloro-2-butene
Concen: 39.10 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

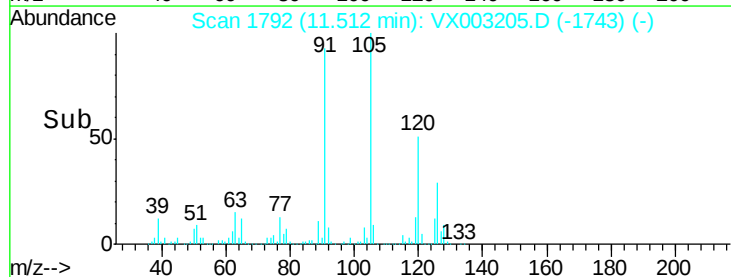
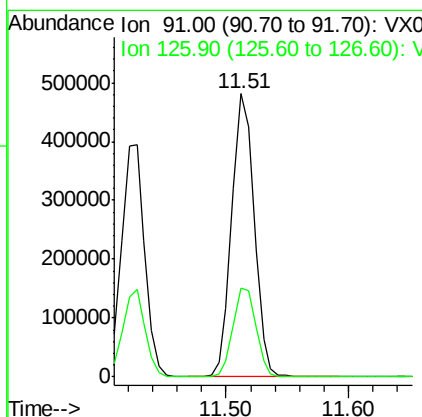
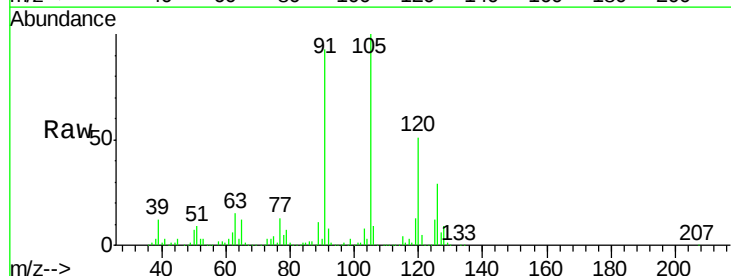
Instrument :
MSVOA_X
ClientSampleId :
SS032MW061-180702MS

Tot Ion: 75 Resp: 50765
Ion Ratio Lower Upper
75 100
53 106.8 86.8 130.2
89 47.1 38.2 57.2



#82
4-Chlorotoluene
Concen: 52.62 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003205.D
Acq: 06 Jul 2018 06:48

Tgt Ion: 91 Resp: 612887
Ion Ratio Lower Upper
91 100
126 32.1 15.4 46.4

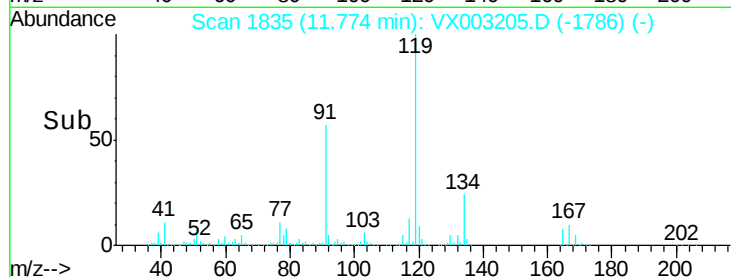
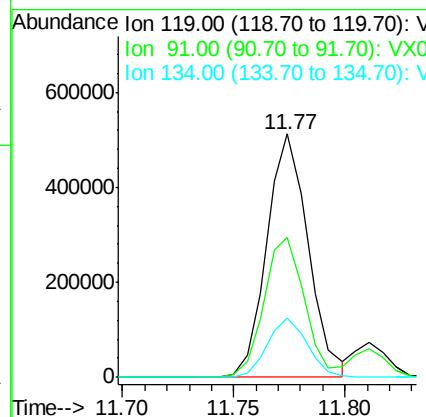
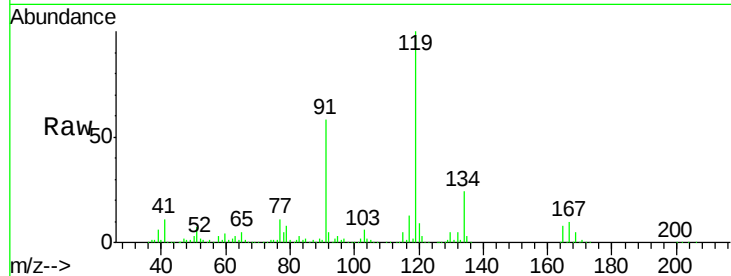




#83
 tert-Butylbenzene
 Concen: 55.86 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

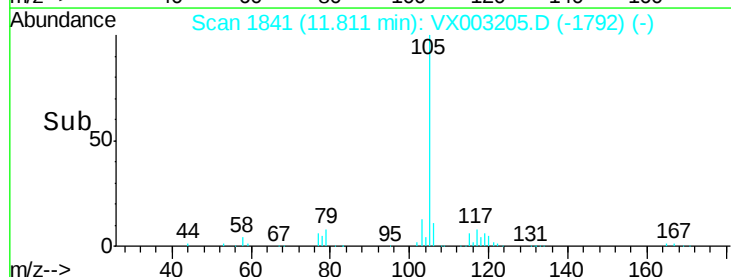
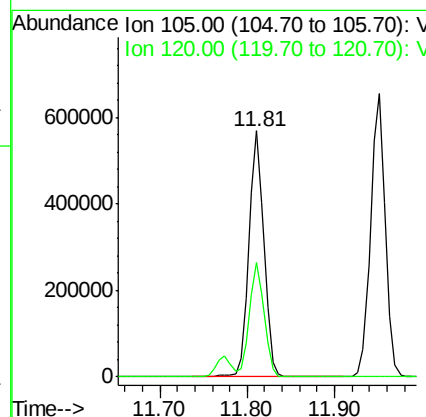
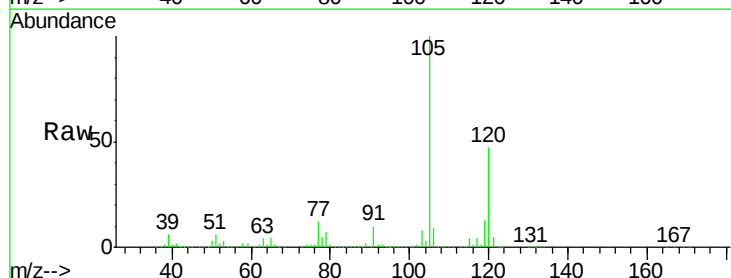
Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

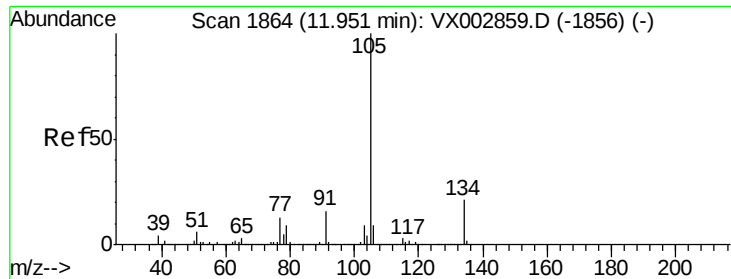
Tot Ion:119 Resp: 661933
 Ion Ratio Lower Upper
 119 100
 91 56.9 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.29 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion:105 Resp: 676428
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 53.75 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

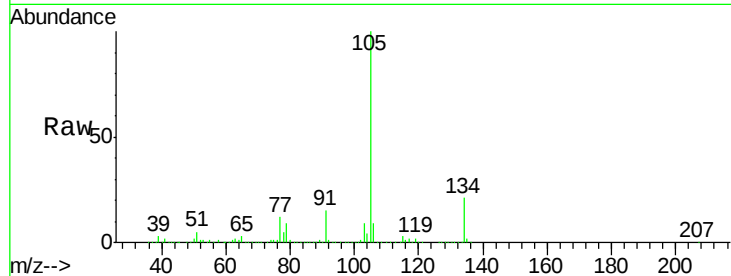
SS032MW061-180702MS

Tot Ion:105 Resp: 772718

Ion Ratio Lower Upper

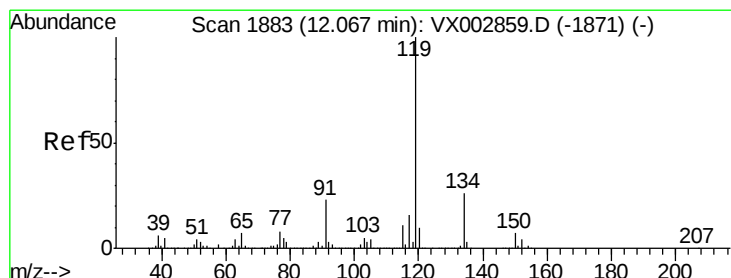
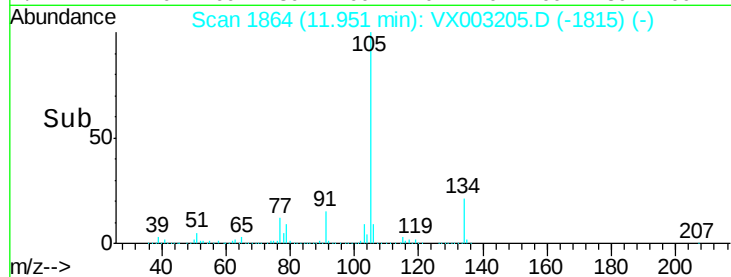
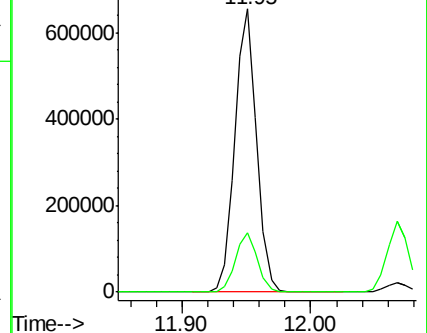
105 100

134 21.2 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: 53.49 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

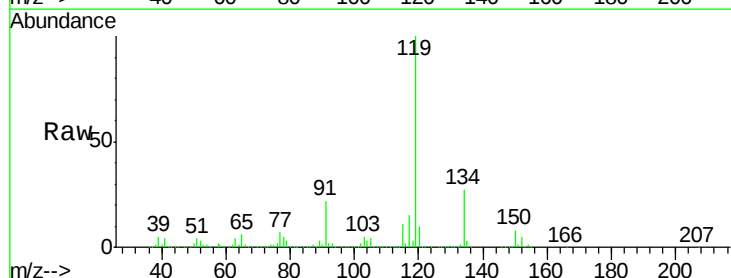
Tgt Ion:119 Resp: 691368

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

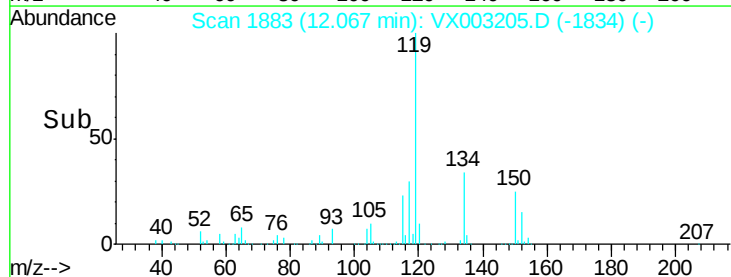
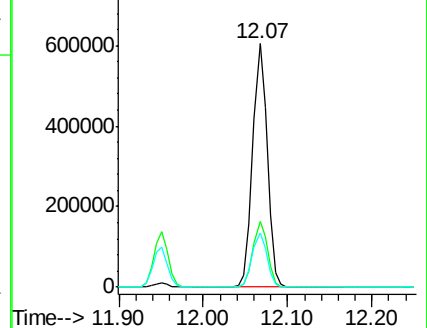
91 22.6 11.9 35.7

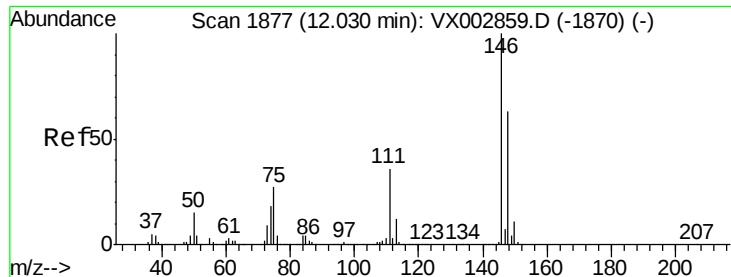


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 53.89 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

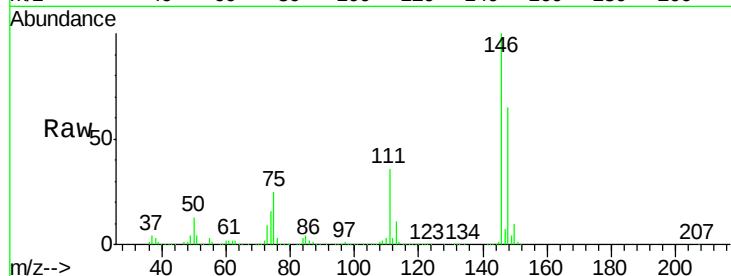
Tot Ion:146 Resp: 400162

Ion Ratio Lower Upper

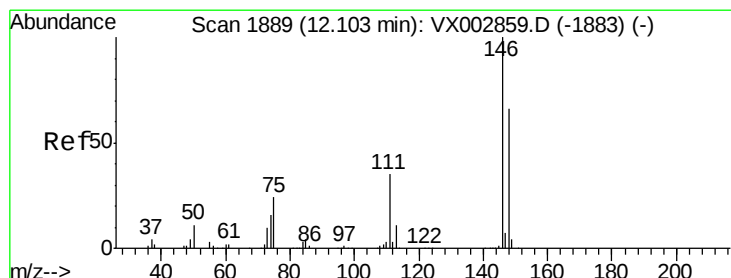
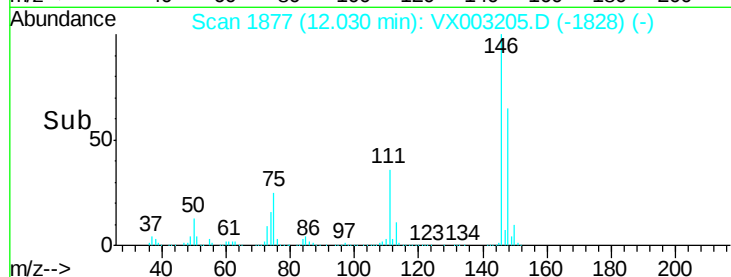
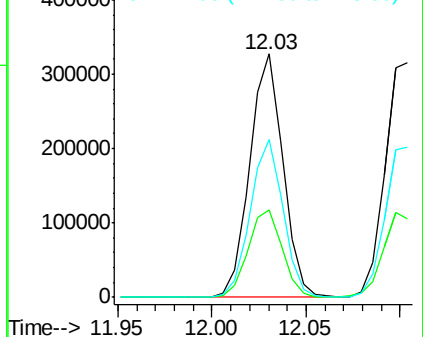
146 100

111 37.0 18.9 56.7

148 64.0 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: 52.36 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

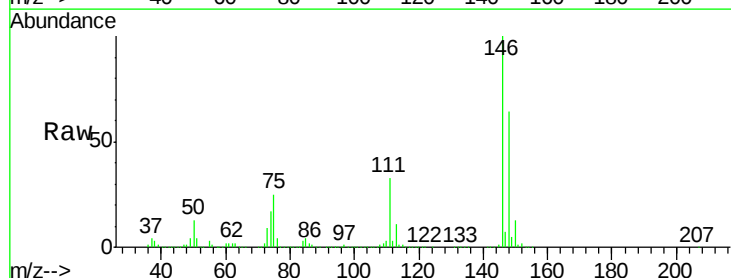
Tgt Ion:146 Resp: 400108

Ion Ratio Lower Upper

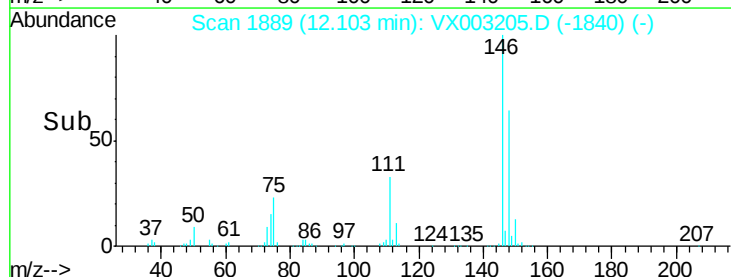
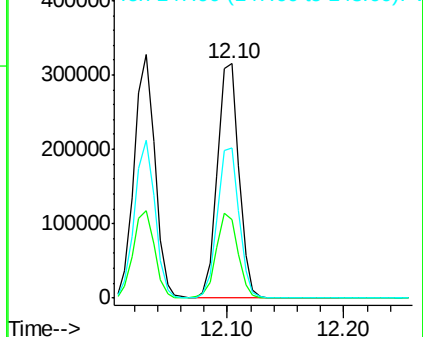
146 100

111 36.2 18.7 56.1

148 64.5 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: 49.21 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

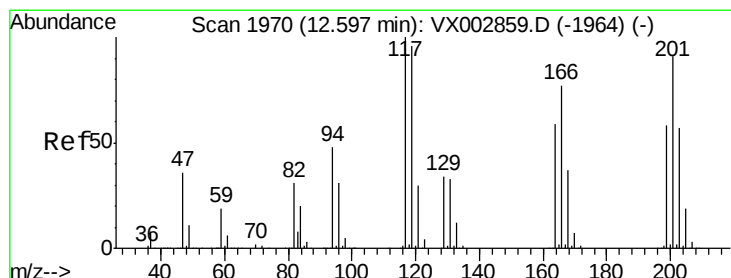
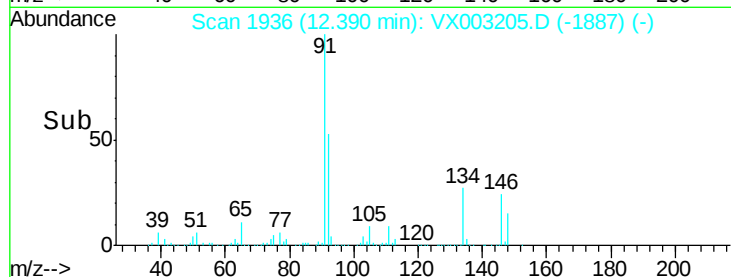
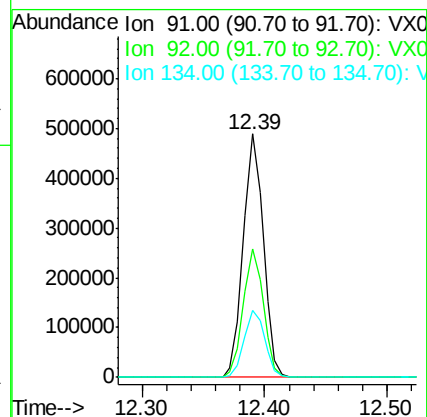
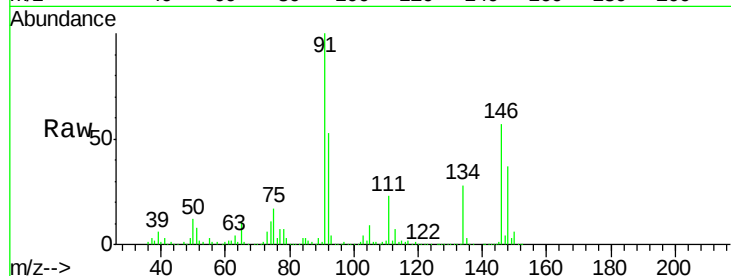
Tot Ion: 91 Resp: 553565

Ion Ratio Lower Upper

91 100

92 52.7 26.0 78.0

134 28.5 13.5 40.5



#90

Hexachloroethane

Concen: 56.76 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003205.D

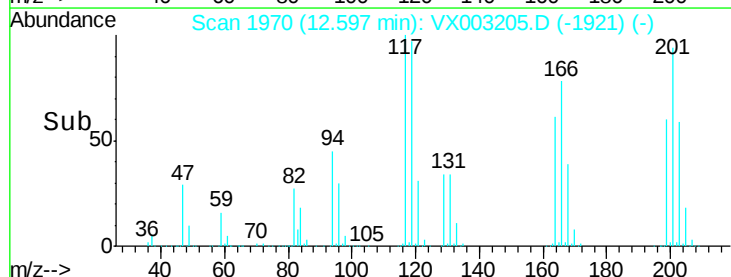
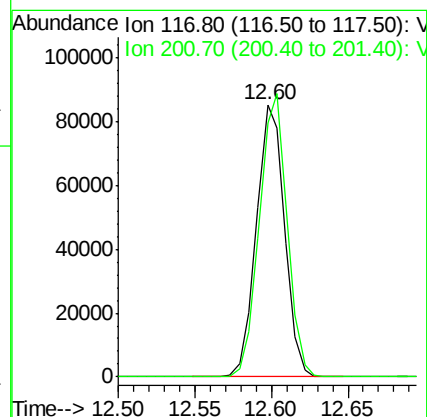
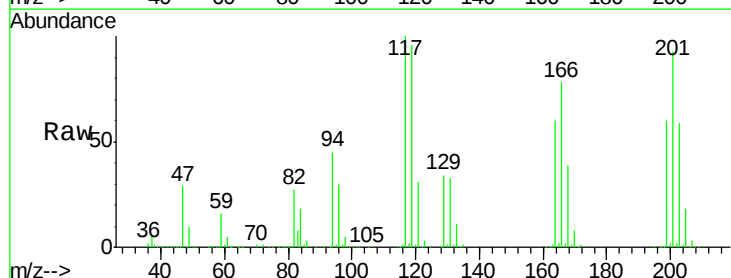
Acq: 06 Jul 2018 06:48

Tgt Ion: 117 Resp: 109117

Ion Ratio Lower Upper

117 100

201 102.9 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 54.49 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

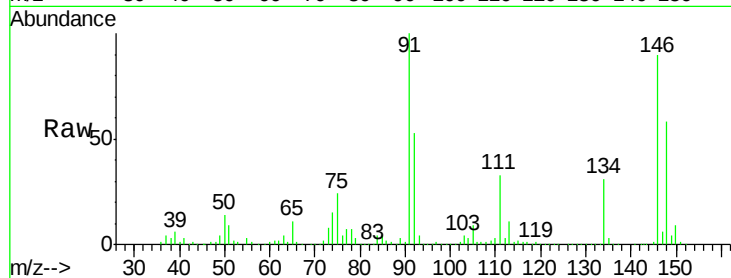
Tot Ion:146 Resp: 408383

Ion Ratio Lower Upper

146 100

111 37.7 19.4 58.1

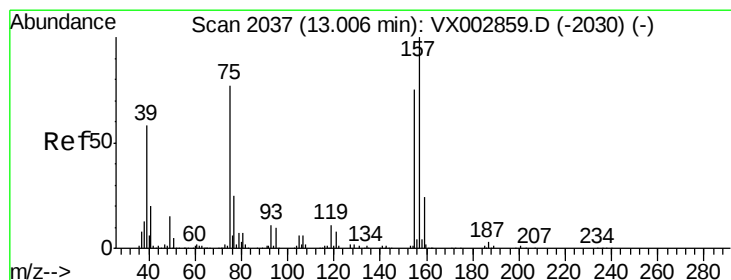
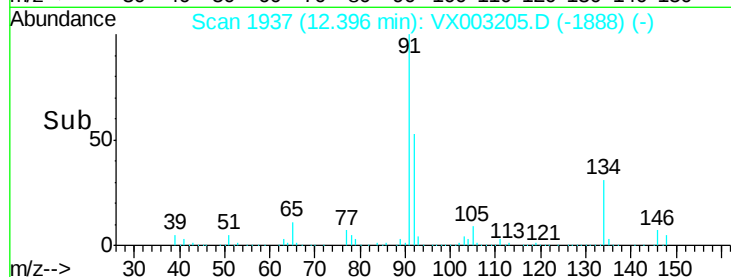
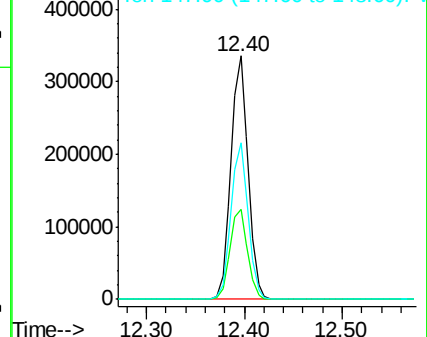
148 64.1 31.7 95.1



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: 58.04 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

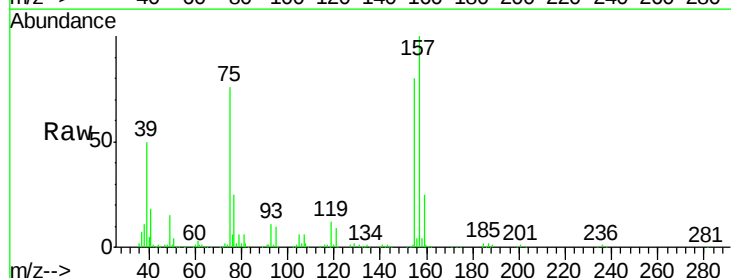
Tgt Ion: 75 Resp: 57380

Ion Ratio Lower Upper

75 100

155 99.0 45.8 137.4

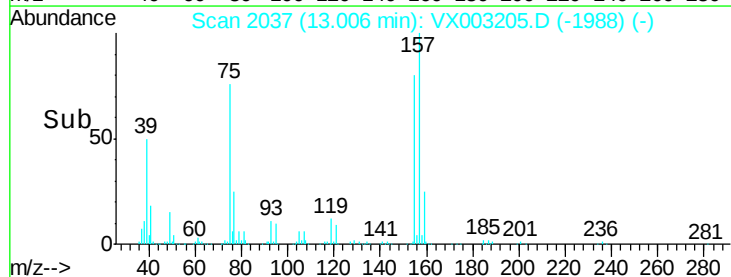
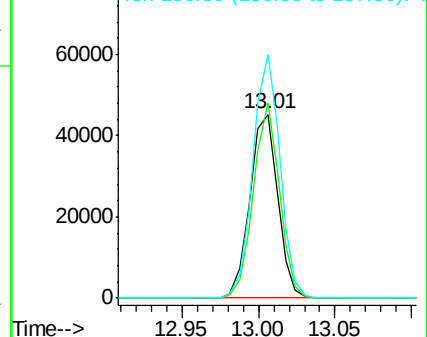
157 128.7 60.1 180.3



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

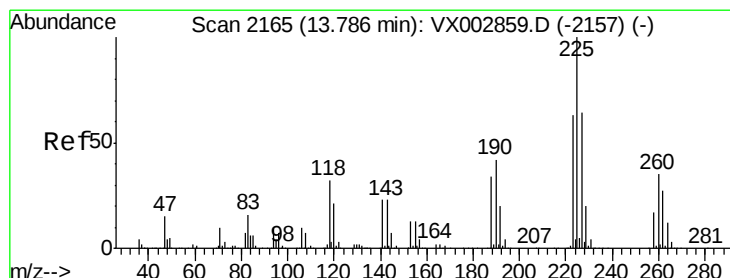
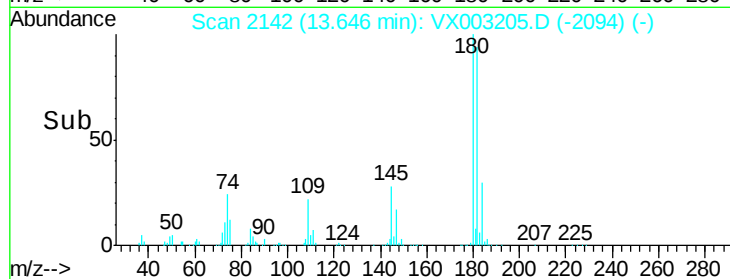
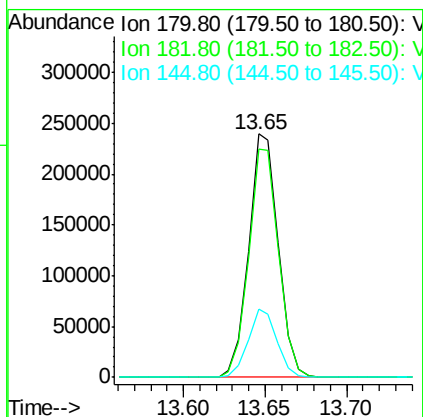
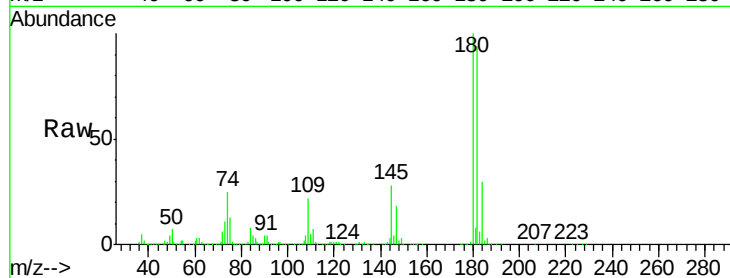




#93
 1,2,4-Trichlorobenzene
 Concen: 55.17 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

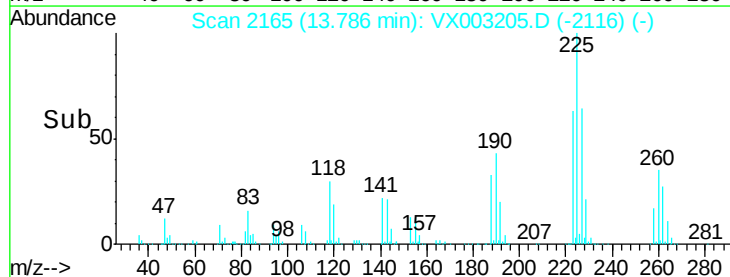
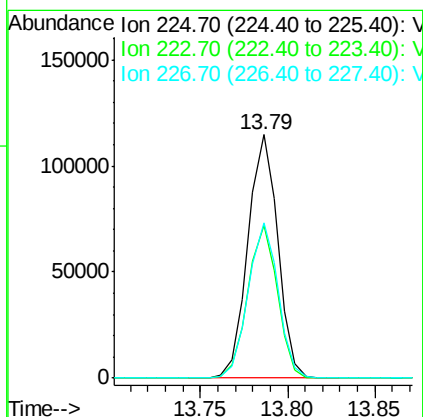
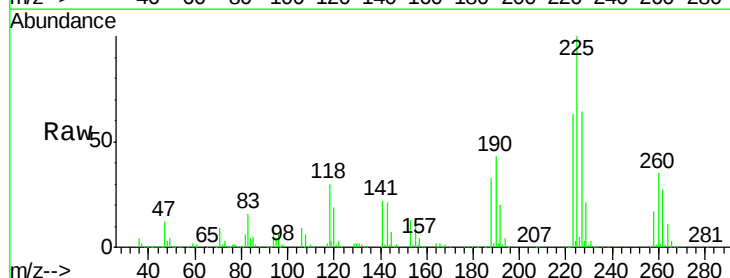
Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW061-180702MS

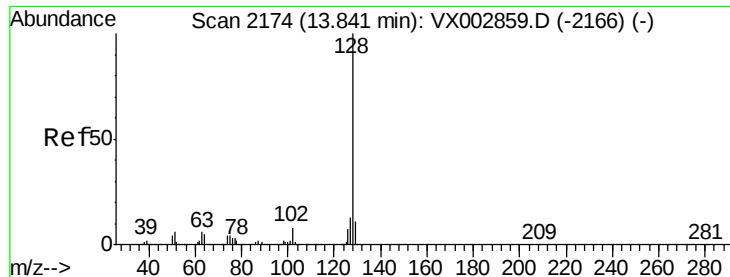
Tot Ion:180 Resp: 300908
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 27.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 50.13 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003205.D
 Acq: 06 Jul 2018 06:48

Tgt Ion:225 Resp: 136372
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 95.0
 227 64.0 32.4 97.2





#95

Naphthalene

Concen: 59.69 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

Instrument :

MSVOA_X

ClientSampleId :

SS032MW061-180702MS

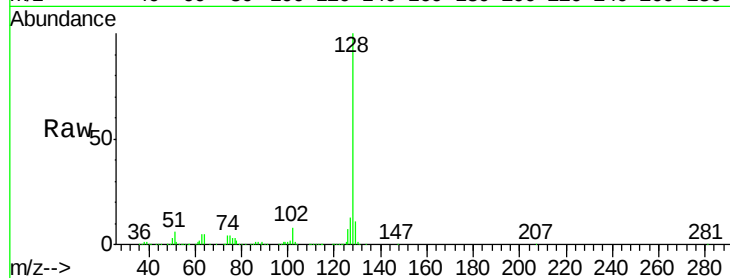
Tot Ion:128 Resp: 867113

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

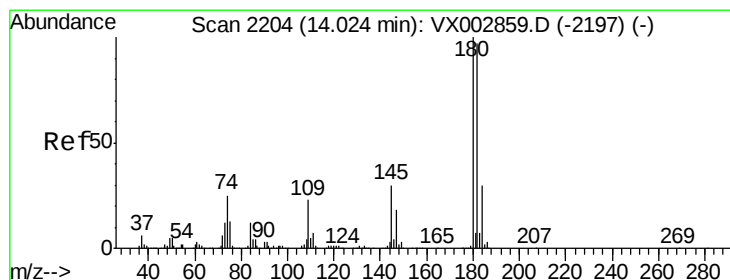
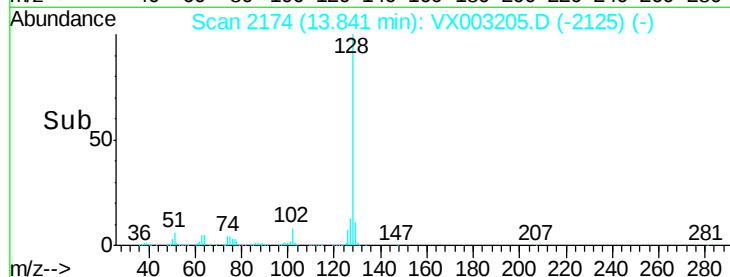
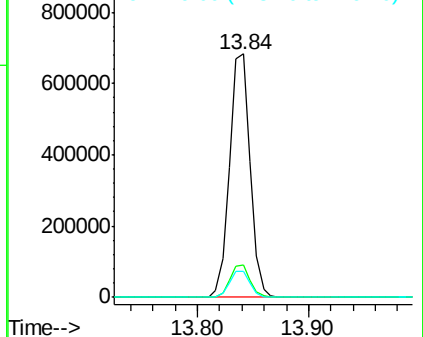
129 11.0 8.6 13.0



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: 56.32 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003205.D

Acq: 06 Jul 2018 06:48

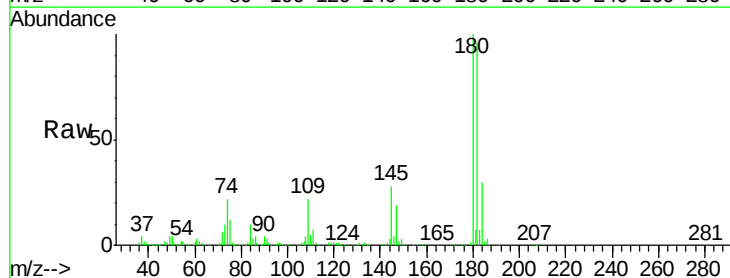
Tgt Ion:180 Resp: 306856

Ion Ratio Lower Upper

180 100

182 95.3 48.0 144.0

145 28.9 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

