

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072318\
 Data File : VX003614.D
 Acq On : 23 Jul 2018 19:36
 Operator : JC/SP
 Sample : J4048-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MSD

Quant Time: Jul 24 01:43:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	385641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	369032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224829	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	169701	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
35) Dibromofluoromethane	5.51	113	157901	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
50) Toluene-d8	8.72	98	581598	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	11.14	95	213280	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	107960	50.877	ug/l	100
3) Chloromethane	1.32	50	141831	54.005	ug/l	100
4) Vinyl Chloride	1.40	62	162513	47.850	ug/l	97
5) Bromomethane	1.64	94	72940	54.195	ug/l	97
6) Chloroethane	1.72	64	106055	52.771	ug/l	99
7) Trichlorofluoromethane	1.93	101	233328	51.495	ug/l	98
8) Diethyl Ether	2.19	74	101015	51.908	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	144799	48.826	ug/l	98
10) Methyl Iodide	2.51	142	205569	57.701	ug/l	93
11) Tert butyl alcohol	3.08	59	166620	266.068	ug/l	99
12) 1,1-Dichloroethene	2.37	96	141801	51.930	ug/l #	78
13) Acrolein	2.29	56	54482	192.552	ug/l	99
14) Allyl chloride	2.73	41	241840	50.030	ug/l	86
15) Acrylonitrile	3.15	53	429699	269.513	ug/l	98
16) Acetone	2.45	43	332643	278.270	ug/l #	88
17) Carbon Disulfide	2.57	76	356730	48.306	ug/l	98
18) Methyl Acetate	2.78	43	202187	53.652	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	486847	54.600	ug/l	99
20) Methylene Chloride	2.86	84	161284	55.271	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	150270	49.460	ug/l	94
22) Diisopropyl ether	3.88	45	484758	53.294	ug/l	92
23) Vinyl Acetate	3.83	43	1869456	249.514	ug/l	95
24) 1,1-Dichloroethane	3.70	63	282805	52.993	ug/l	99
25) 2-Butanone	4.71	43	545268	271.865	ug/l	92
26) 2,2-Dichloropropane	4.59	77	143759	35.467	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	175200	51.790	ug/l	91
28) Bromochloromethane	5.03	49	118391	50.754	ug/l	86
29) Tetrahydrofuran	5.17	42	365499	275.866	ug/l	91
30) Chloroform	5.22	83	284618	54.616	ug/l	98
31) Cyclohexane	5.57	56	239917	50.315	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	244938	54.888	ug/l	97
36) 1,1-Dichloropropene	5.80	75	206878	49.687	ug/l	97
37) Ethyl Acetate	4.87	43	198927	50.490	ug/l	95
38) Carbon Tetrachloride	5.78	117	220294	53.940	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	240561	48.781	ug/l	95
40) Benzene	6.15	78	669374	53.247	ug/l	100
41) Methacrylonitrile	5.07	41	121093	52.294	ug/l	91
42) 1,2-Dichloroethane	6.20	62	213413	53.881	ug/l	94
43) Isopropyl Acetate	6.47	43	332931	53.121	ug/l #	93
44) Trichloroethene	7.22	130	190263	50.750	ug/l	100
45) 1,2-Dichloropropane	7.53	63	173704	54.418	ug/l	99
46) Dibromomethane	7.67	93	112230	54.613	ug/l	95
47) Bromodichloromethane	7.90	83	215734	57.344	ug/l	98
48) Methyl methacrylate	7.78	41	182420	57.717	ug/l	85
49) 1,4-Dioxane	7.76	88	72631	1014.212	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1179421	297.874	ug/l	92
52) Toluene	8.79	92	419319	52.992	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	242034	52.269	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	225027	54.038	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	173877	55.221	ug/l	98
56) Ethyl methacrylate	9.18	69	257135	57.979	ug/l #	83
57) 1,3-Dichloropropane	9.38	76	279202	54.856	ug/l	100
59) 2-Hexanone	9.50	43	878904	299.595	ug/l	89
60) Dibromochloromethane	9.59	129	179036	57.445	ug/l	100
61) 1,2-Dibromoethane	9.68	107	178273	54.616	ug/l	99
64) Tetrachloroethene	9.34	164	218204	48.531	ug/l	100
65) Chlorobenzene	10.14	112	480072	50.490	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	176630	53.992	ug/l	99
67) Ethyl Benzene	10.26	91	801694	52.440	ug/l	100
68) m/p-Xylenes	10.36	106	622469	103.858	ug/l	97
69) o-Xylene	10.70	106	301847	52.082	ug/l	97
70) Styrene	10.71	104	517213	54.254	ug/l	97
71) Bromoform	10.86	173	141186	55.546	ug/l #	99
73) Isopropylbenzene	11.02	105	814705	52.396	ug/l	99
74) N-amyl acetate	6.47	43	332931	50.426	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	250399	54.954	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	283239	70.126	ug/l	80
77) Bromobenzene	11.26	156	224447	50.188	ug/l	97
78) n-propylbenzene	11.37	91	912893	52.817	ug/l	99
79) 2-Chlorotoluene	11.43	91	541357	51.594	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	671980	52.585	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	64047	45.272	ug/l	88
82) 4-Chlorotoluene	11.51	91	632881	51.475	ug/l	98
83) tert-Butylbenzene	11.77	119	662809	52.963	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	694429	53.406	ug/l	98
85) sec-Butylbenzene	11.95	105	806236	53.041	ug/l	99
86) p-Isopropyltoluene	12.07	119	710224	52.064	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	404837	49.246	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	405669	47.904	ug/l	99
89) n-Butylbenzene	12.39	91	585318	50.530	ug/l	98
90) Hexachloroethane	12.60	117	103307	53.273	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	411687	50.811	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51600	58.190	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	291202	49.040	ug/l	100

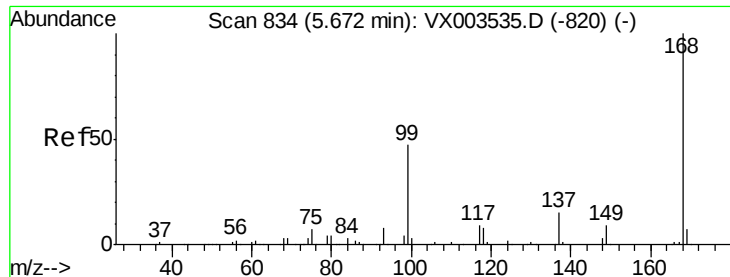
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	135563	47.470	ug/l	98
95) Naphthalene	13.83	128	863888	55.365	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	297974	50.691	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampled :

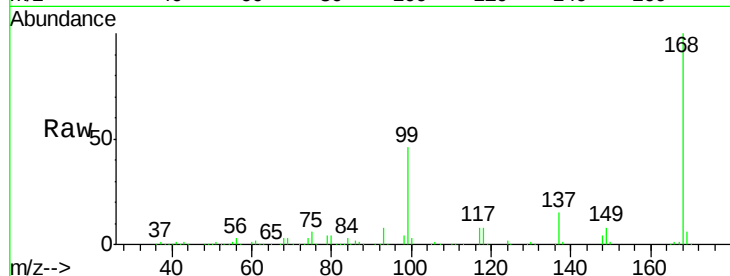
YT-MW-7MSD

Tgt Ion:168 Resp: 267351

Ion Ratio Lower Upper

168 100

99 45.8 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

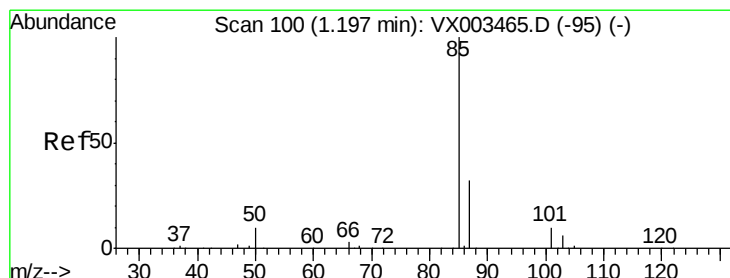
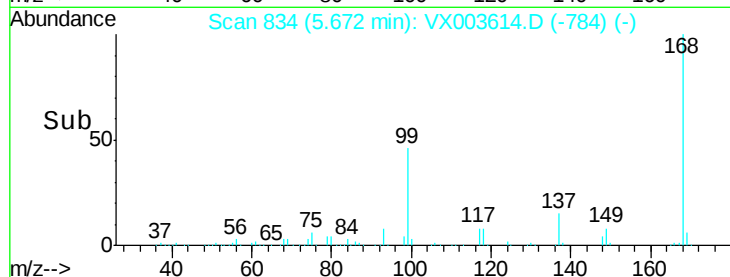
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.877 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003614.D

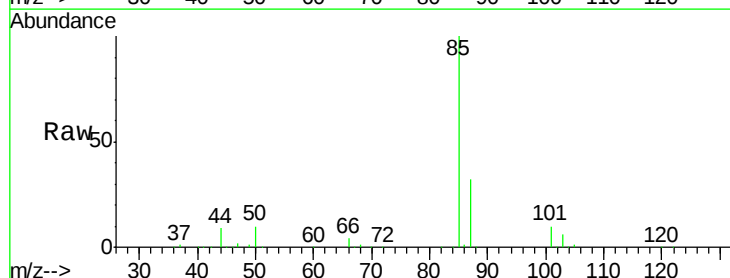
Acq: 23 Jul 2018 19:36

Tgt Ion: 85 Resp: 107960

Ion Ratio Lower Upper

85 100

87 32.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

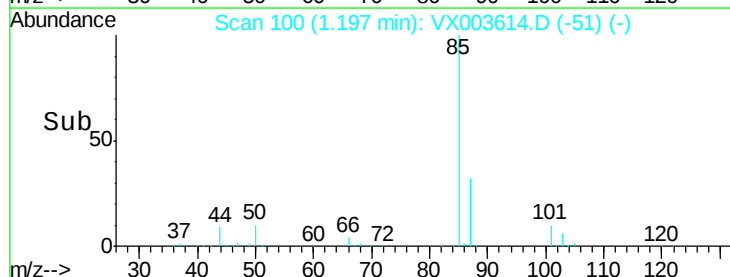
1.20

100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 54.005 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

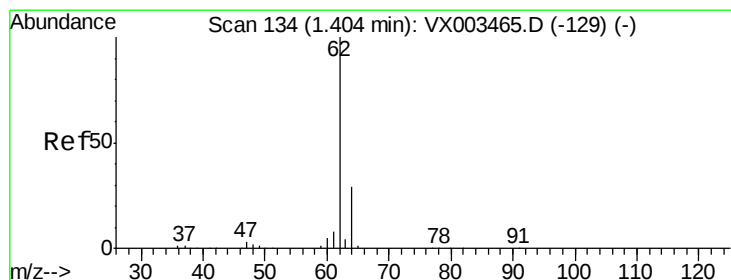
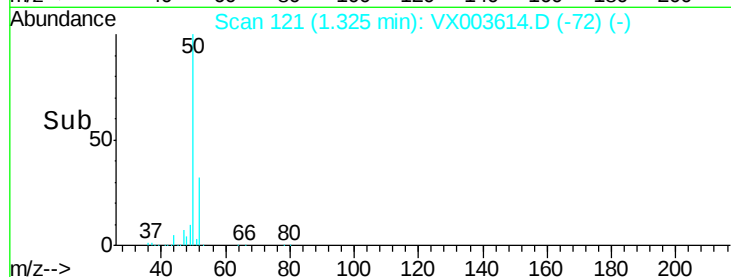
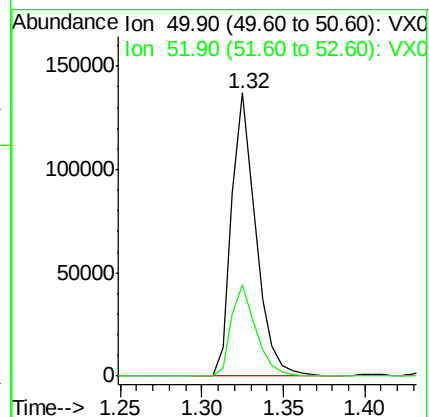
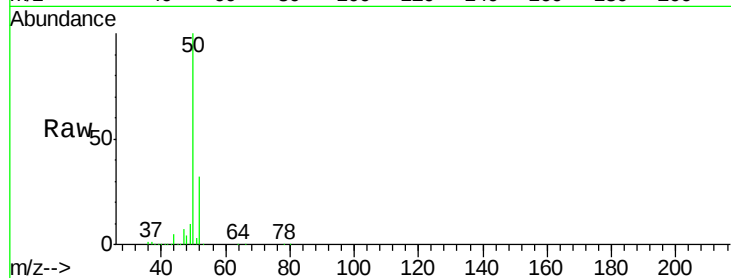
YT-MW-7MSD

Tgt Ion: 50 Resp: 141831

Ion Ratio Lower Upper

50 100

52 32.4 25.7 38.5



#4

Vinyl Chloride

Concen: 47.850 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003614.D

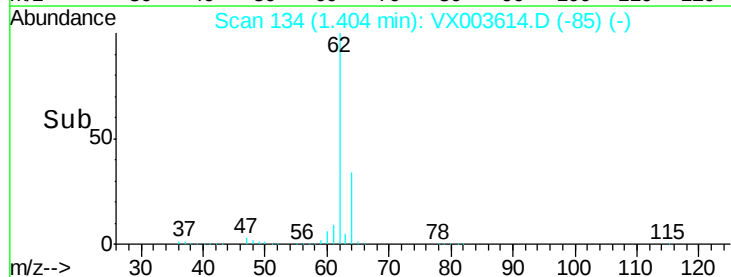
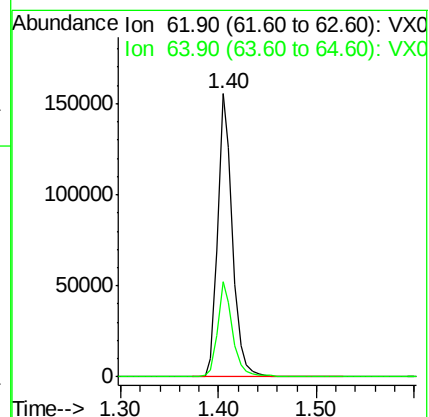
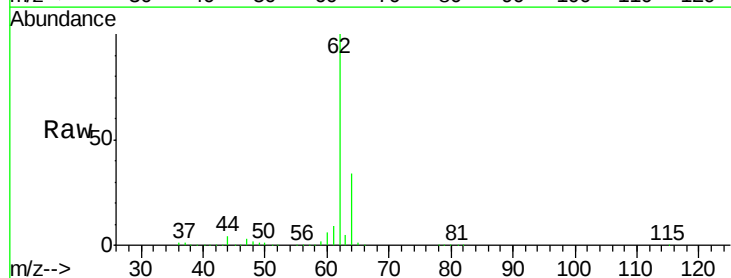
Acq: 23 Jul 2018 19:36

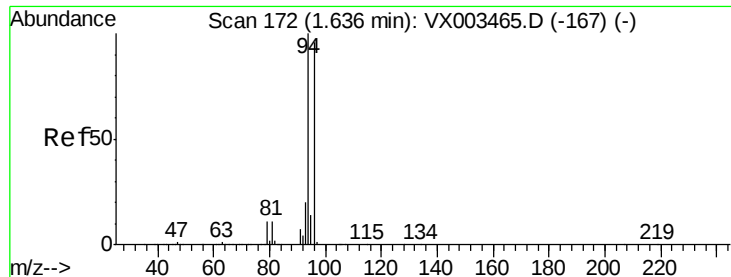
Tgt Ion: 62 Resp: 162513

Ion Ratio Lower Upper

62 100

64 33.6 25.4 38.2





#5

Bromomethane

Concen: 54.195 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

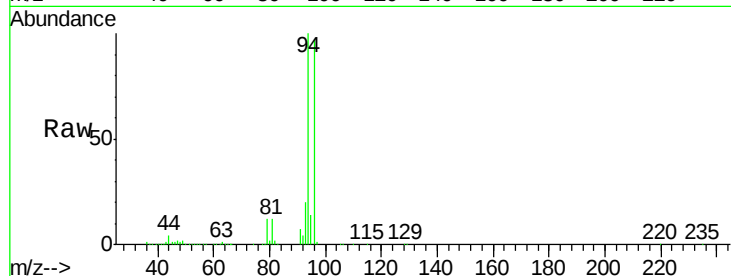
YT-MW-7MSD

Tgt Ion: 94 Resp: 72940

Ion Ratio Lower Upper

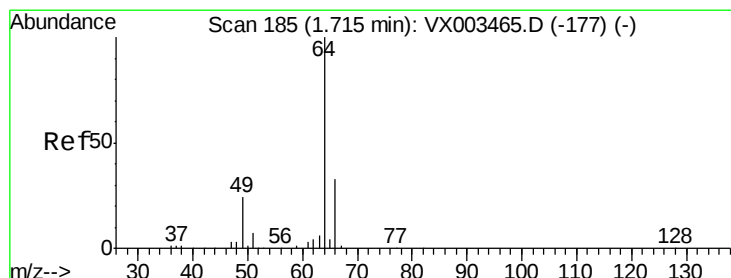
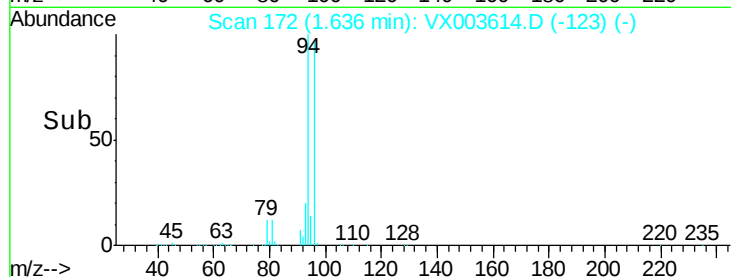
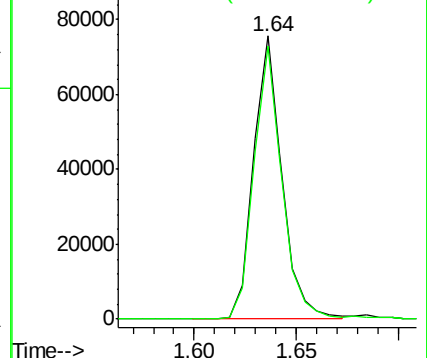
94 100

96 96.7 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: 52.771 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003614.D

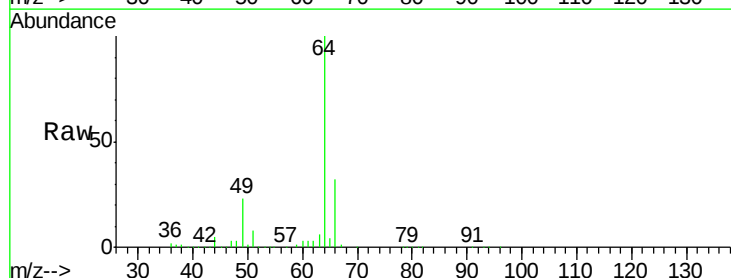
Acq: 23 Jul 2018 19:36

Tgt Ion: 64 Resp: 106055

Ion Ratio Lower Upper

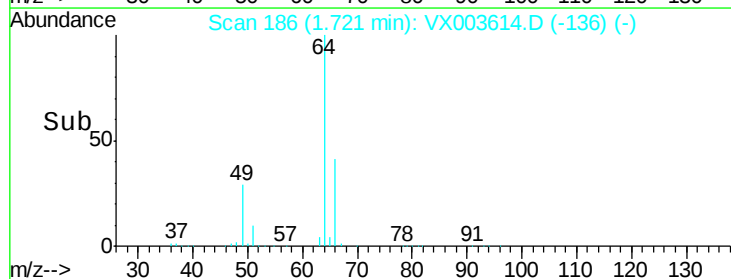
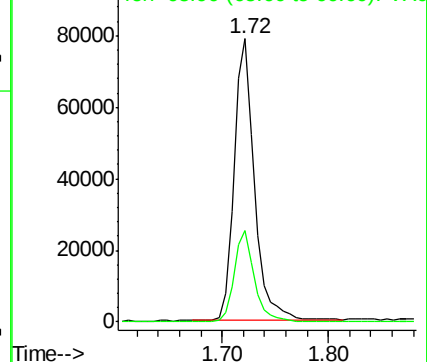
64 100

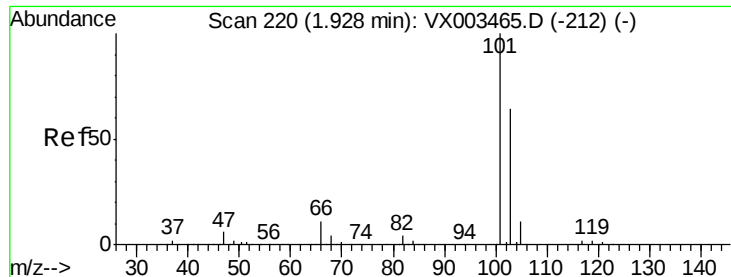
66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



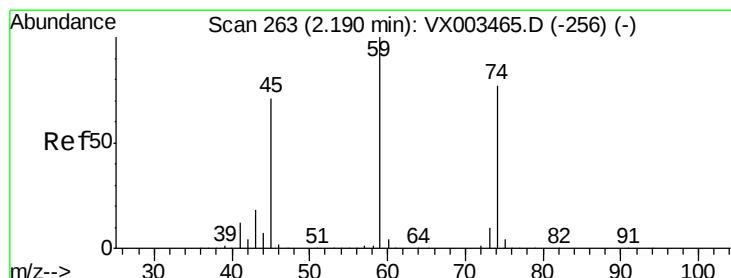
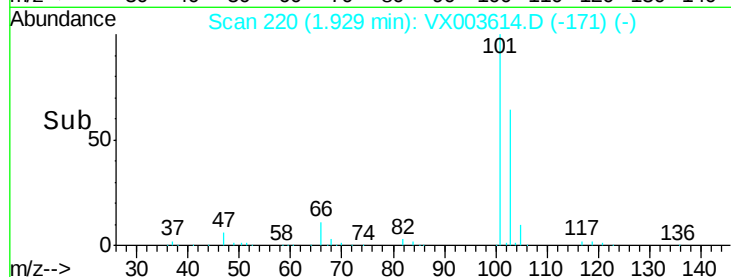
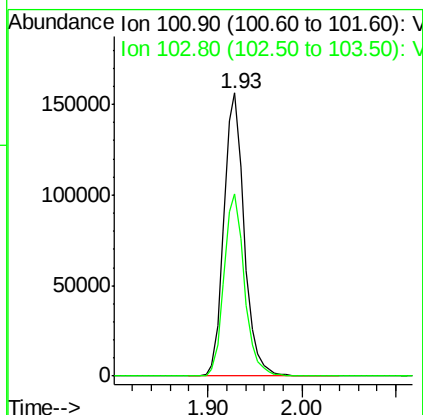
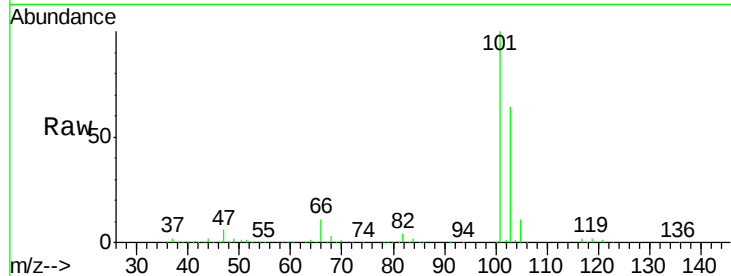


#7

Trichlorofluoromethane
 Concen: 51.495 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

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 MSVOA_X
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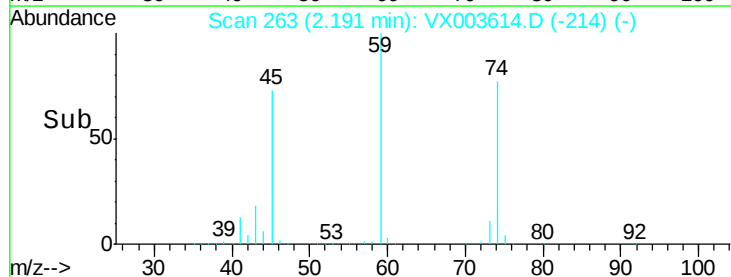
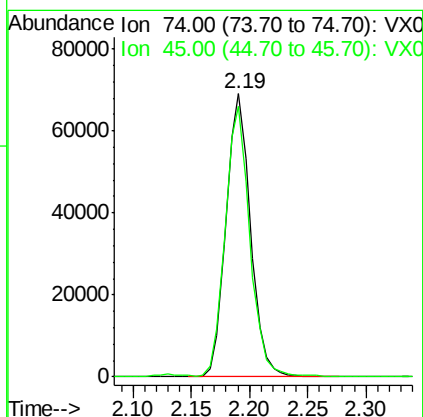
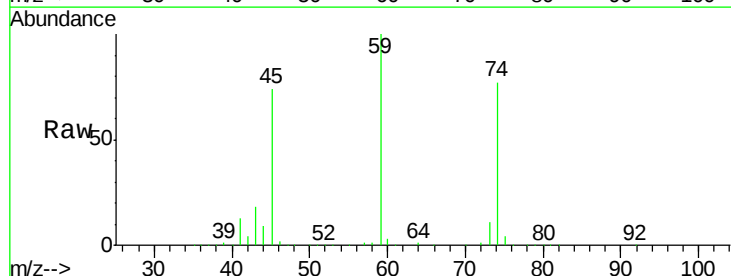
Tgt Ion:101 Resp: 233328
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.8 79.2

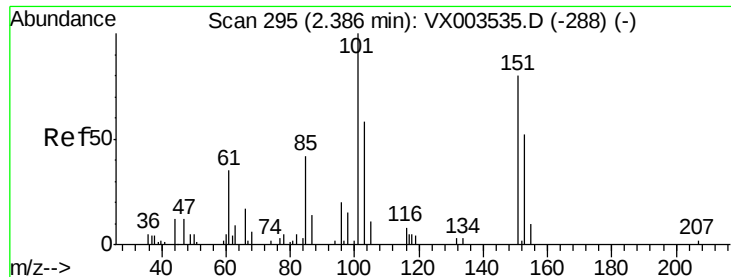


#8

Diethyl Ether
 Concen: 51.908 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

Tgt Ion: 74 Resp: 101015
 Ion Ratio Lower Upper
 74 100
 45 95.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.826 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MSD

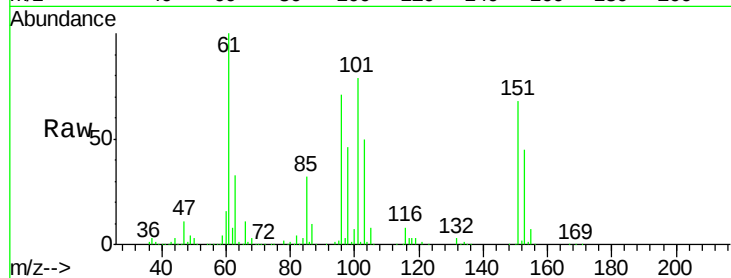
Tgt Ion:101 Resp: 144799

Ion Ratio Lower Upper

101 100

85 41.4 36.0 54.0

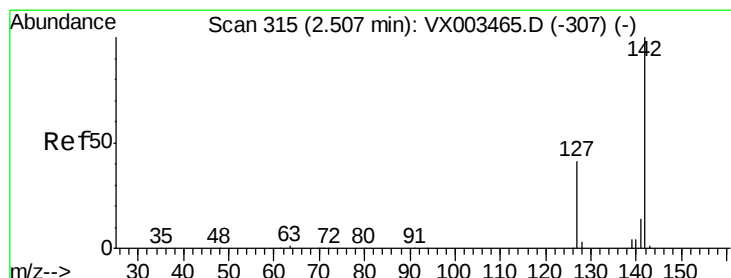
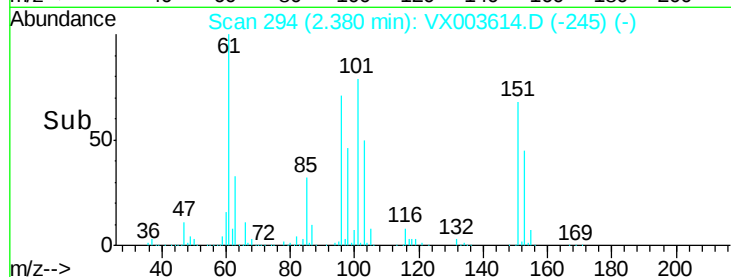
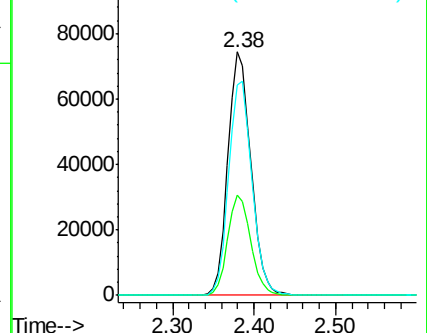
151 89.1 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 57.701 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

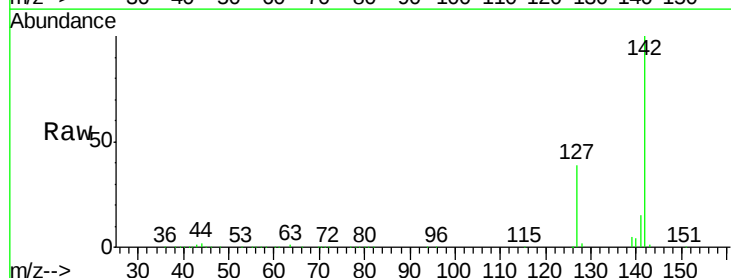
Tgt Ion:142 Resp: 205569

Ion Ratio Lower Upper

142 100

127 39.9 36.6 55.0

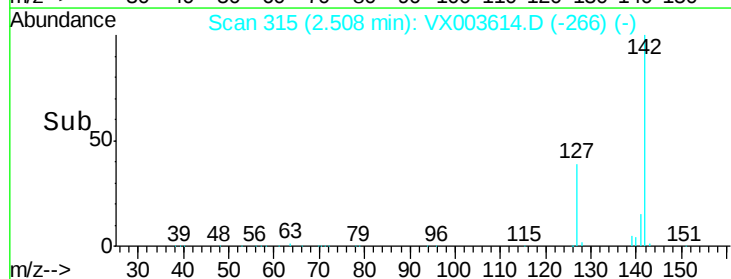
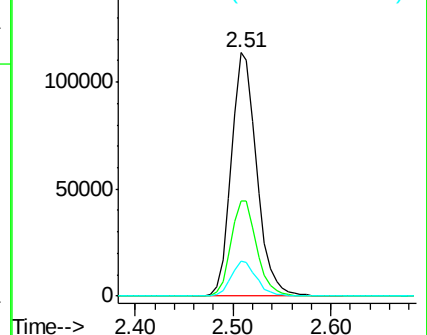
141 14.2 11.3 16.9

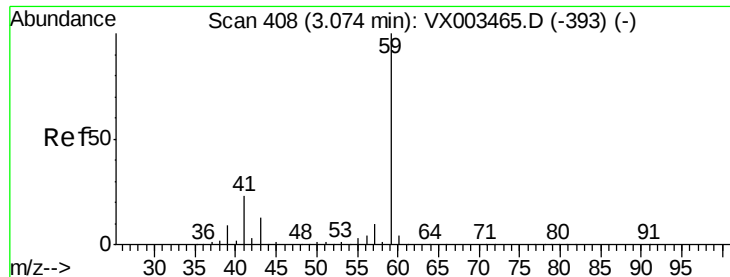


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



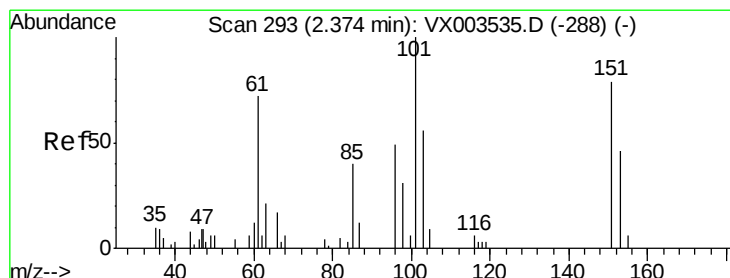
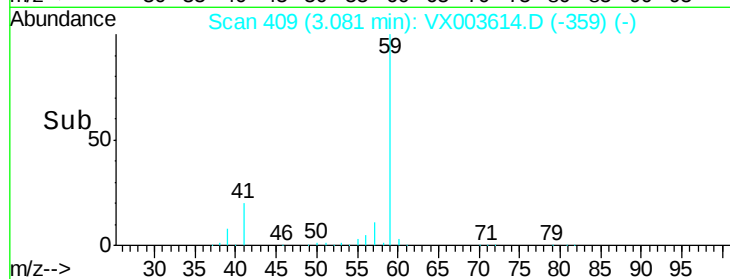
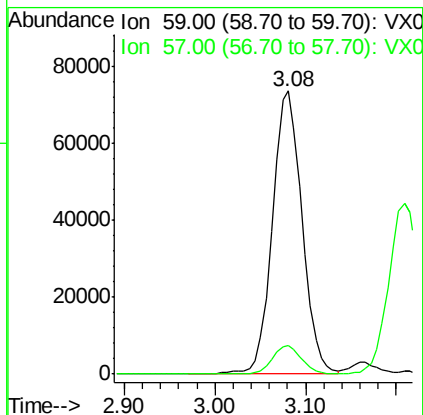
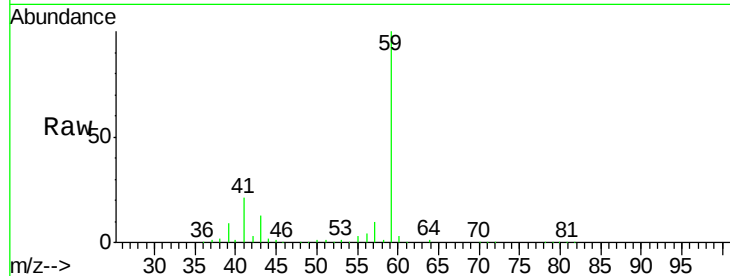


#11

Tert butyl alcohol
 Concen: 266.068 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MSD

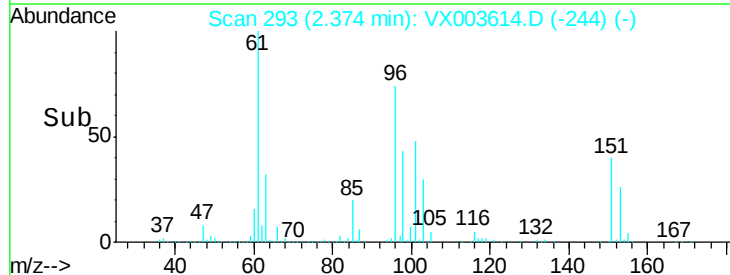
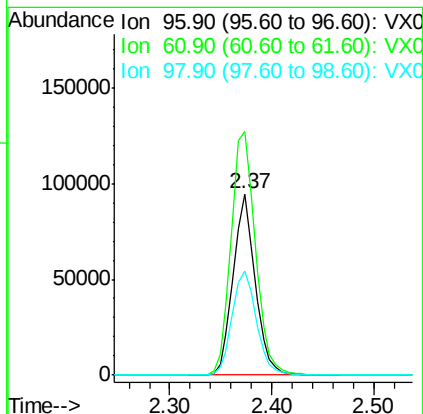
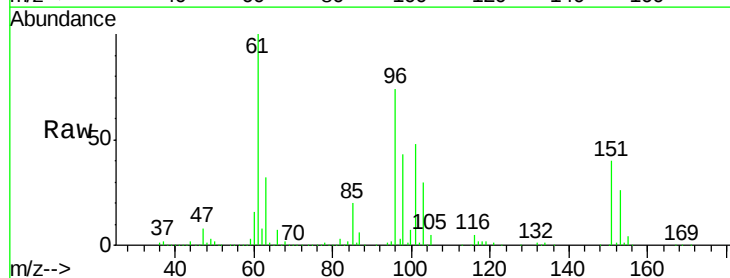
Tgt Ion: 59 Resp: 166620
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

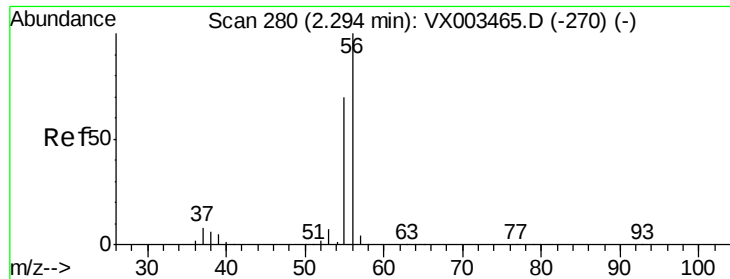


#12

1,1-Dichloroethene
 Concen: 51.930 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

Tgt Ion: 96 Resp: 141801
 Ion Ratio Lower Upper
 96 100
 61 134.5 137.9 206.9#
 98 57.8 51.6 77.4





#13

Acrolein

Concen: 192.552 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

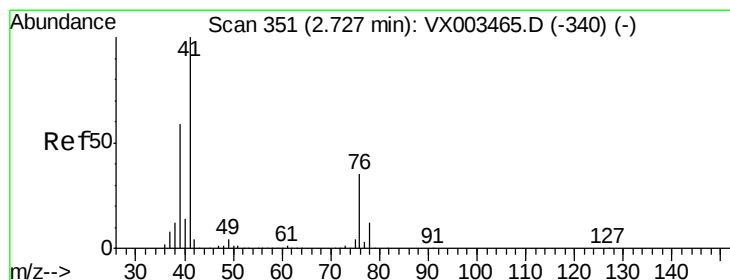
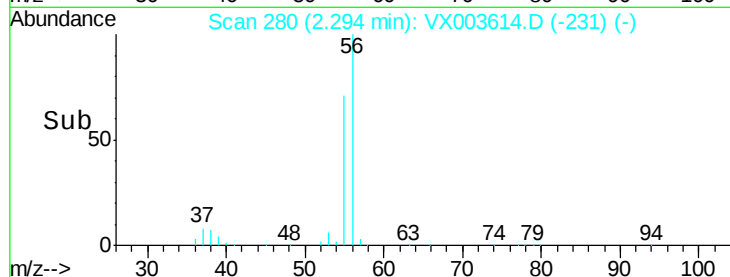
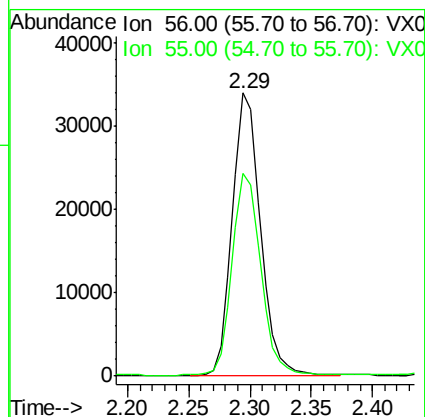
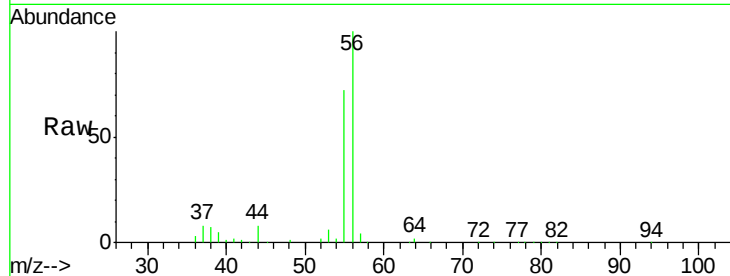
YT-MW-7MSD

Tgt Ion: 56 Resp: 54482

Ion Ratio Lower Upper

56 100

55 71.9 57.0 85.4



#14

Allyl chloride

Concen: 50.030 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

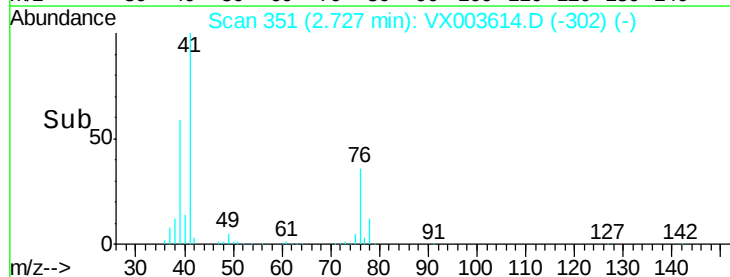
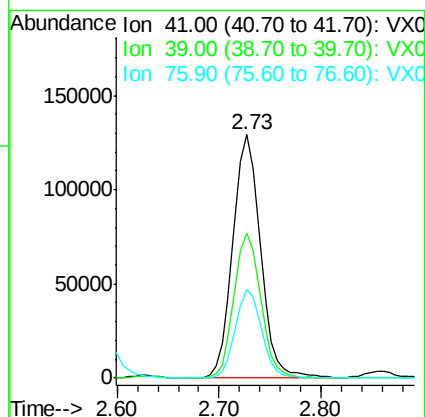
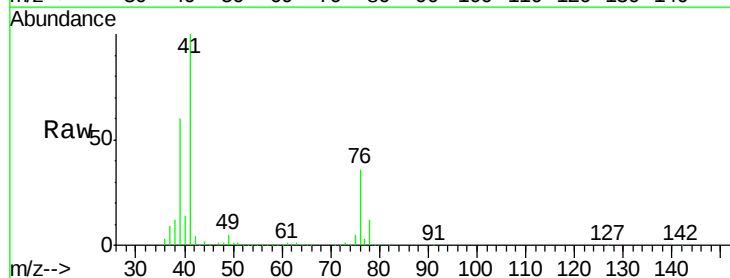
Tgt Ion: 41 Resp: 241840

Ion Ratio Lower Upper

41 100

39 57.8 56.8 85.2

76 34.8 23.8 35.8





#15

Acrylonitrile

Concen: 269.513 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MSD

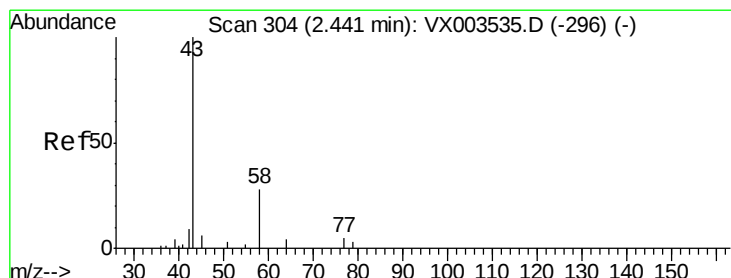
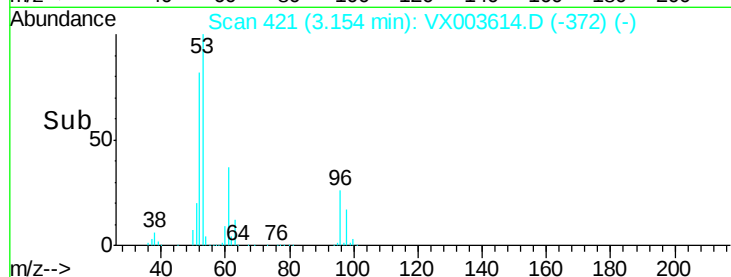
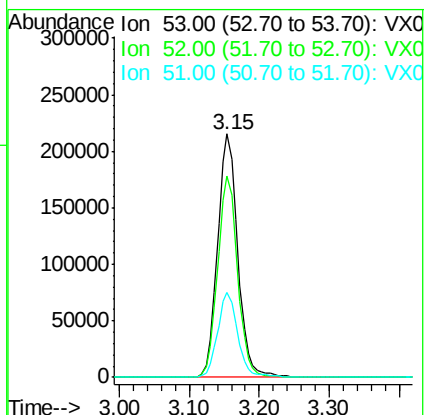
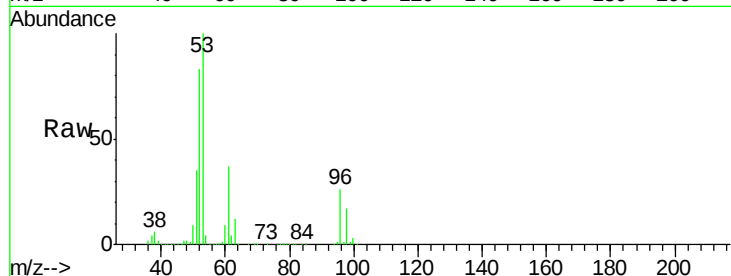
Tgt Ion: 53 Resp: 429699

Ion Ratio Lower Upper

53 100

52 81.9 66.7 100.1

51 35.0 29.9 44.9



#16

Acetone

Concen: 278.270 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003614.D

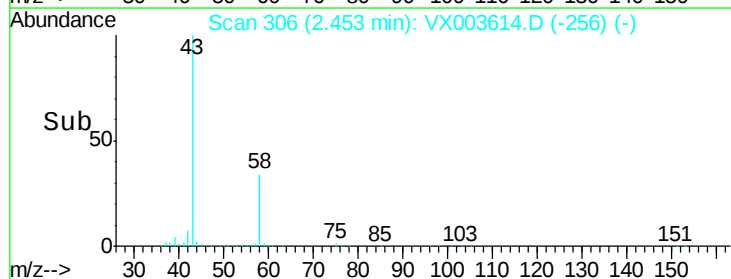
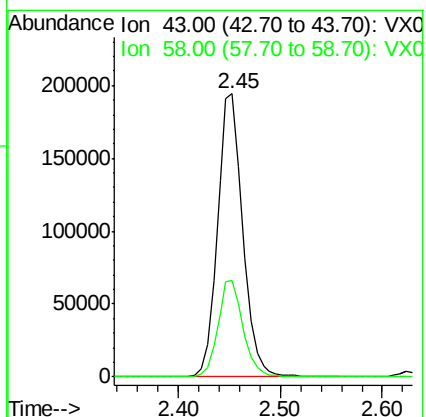
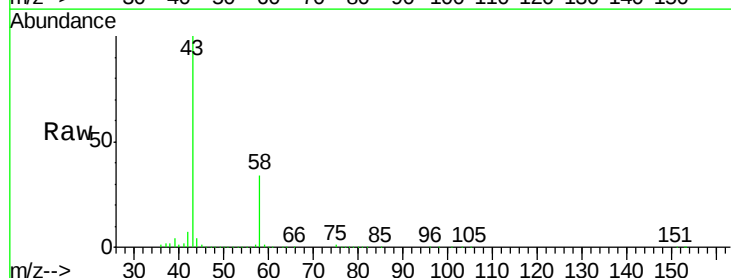
Acq: 23 Jul 2018 19:36

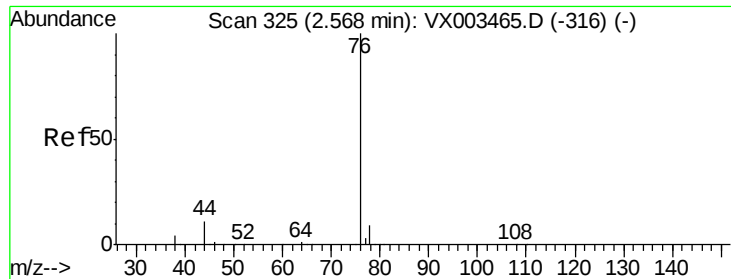
Tgt Ion: 43 Resp: 332643

Ion Ratio Lower Upper

43 100

58 34.1 22.1 33.1#

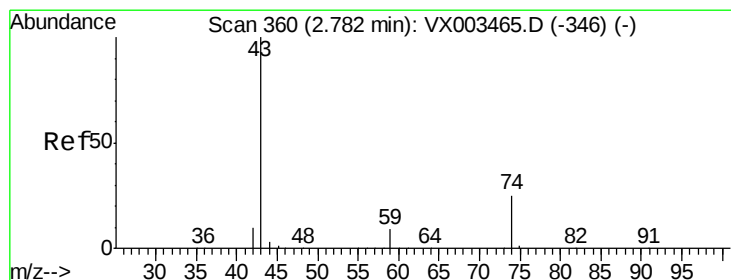
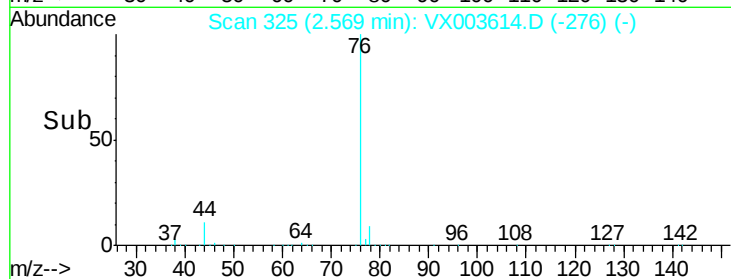
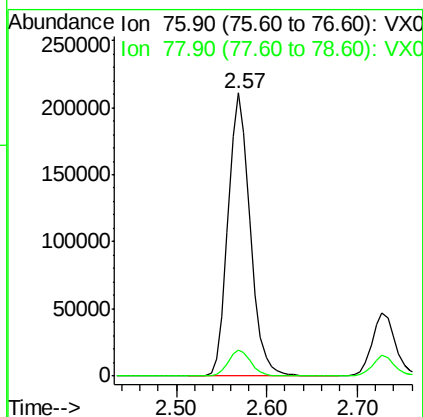
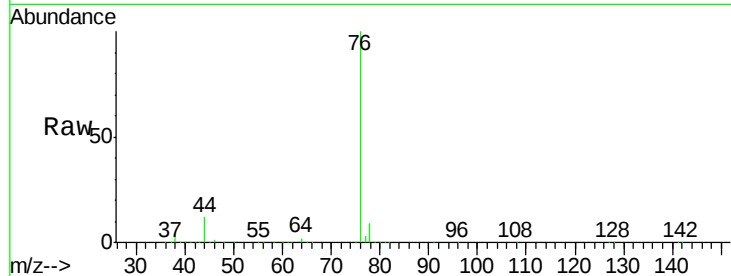




#17
Carbon Disulfide
Concen: 48.306 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

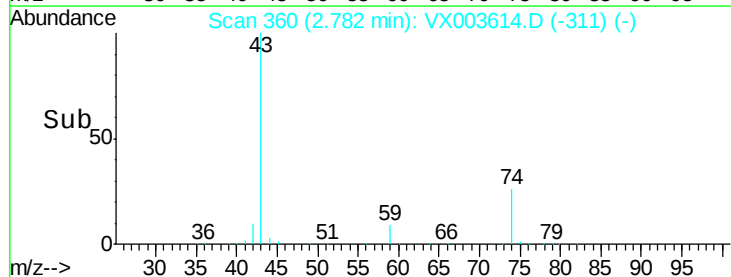
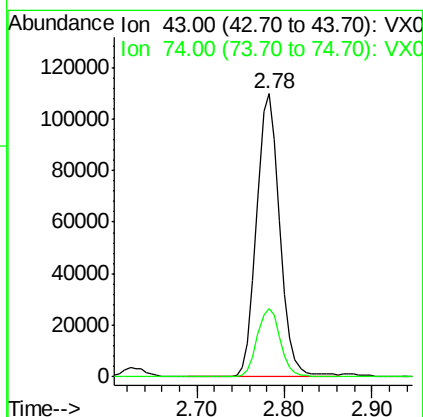
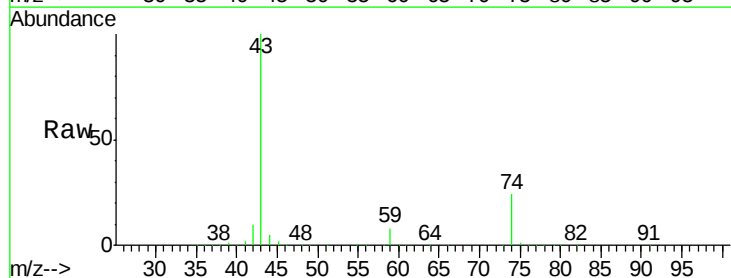
Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MSD

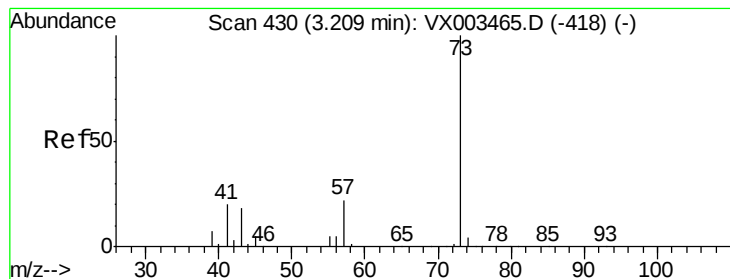
Tgt Ion: 76 Resp: 356730
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 53.652 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

Tgt Ion: 43 Resp: 202187
Ion Ratio Lower Upper
43 100
74 24.7 16.7 25.1



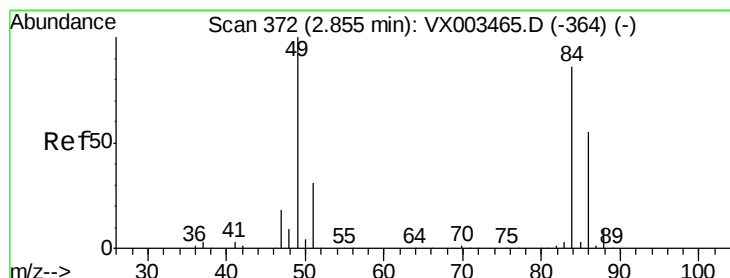
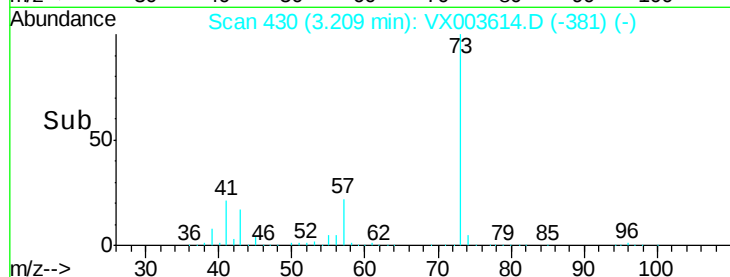
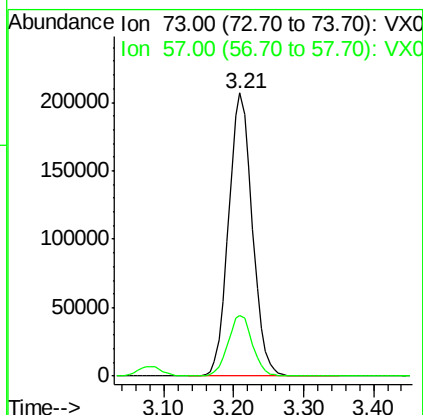
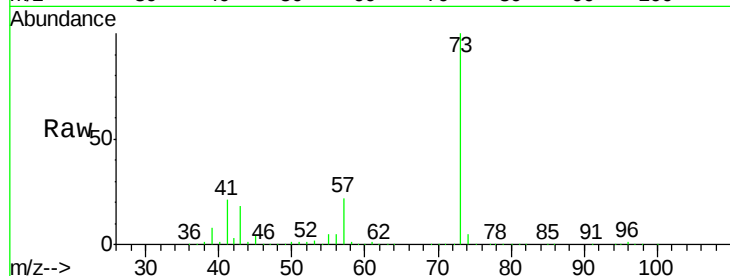


#19

Methyl tert-butyl Ether
 Concen: 54.600 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MSD

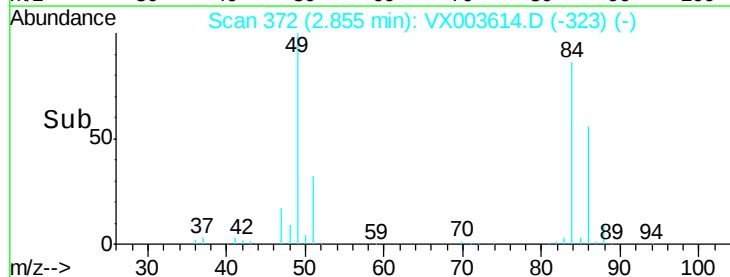
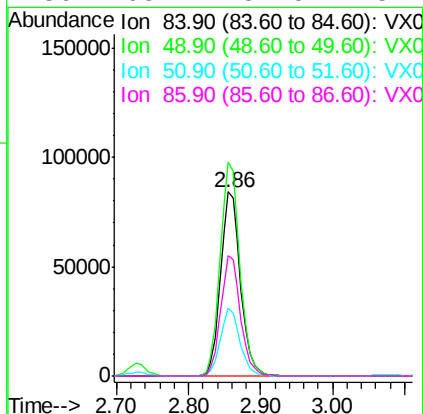
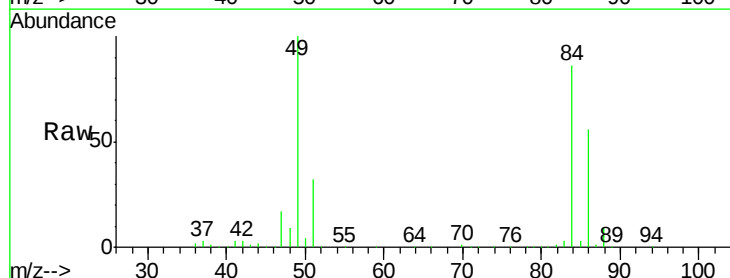
Tgt Ion: 73 Resp: 486847
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.7 26.5

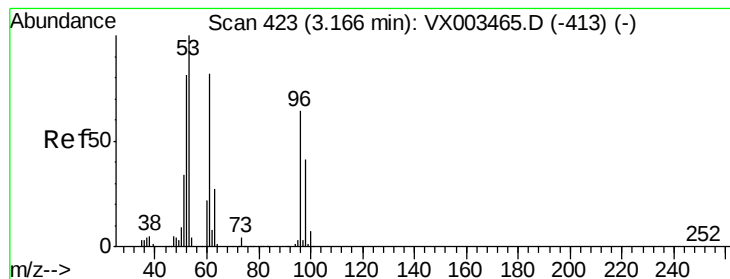


#20

Methylene Chloride
 Concen: 55.271 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

Tgt Ion: 84 Resp: 161284
 Ion Ratio Lower Upper
 84 100
 49 116.1 107.8 161.6
 51 36.8 32.8 49.2
 86 65.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.460 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MSD

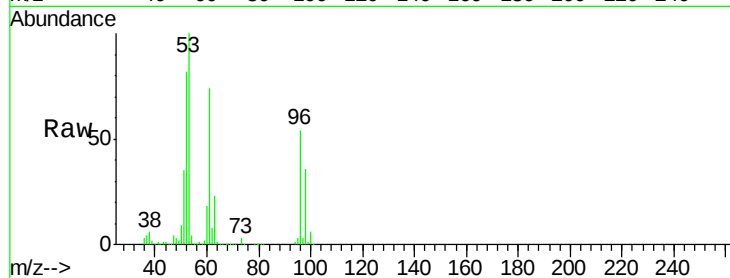
Tgt Ion: 96 Resp: 150270

Ion Ratio Lower Upper

96 100

61 134.9 117.0 175.4

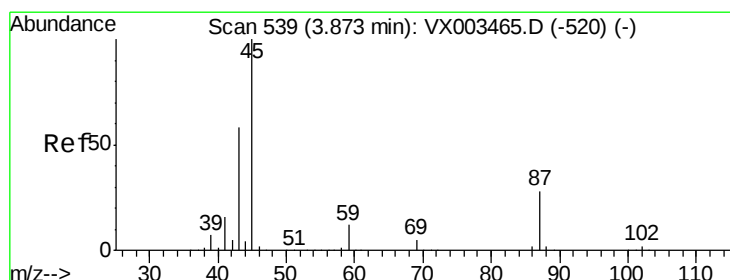
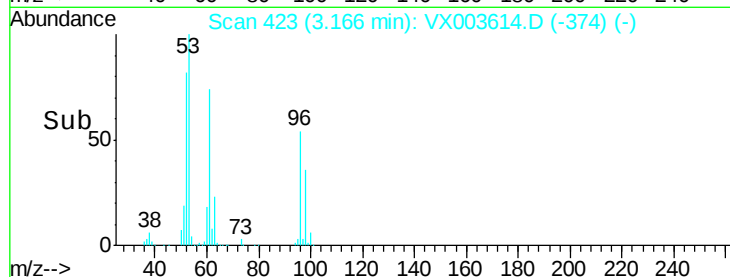
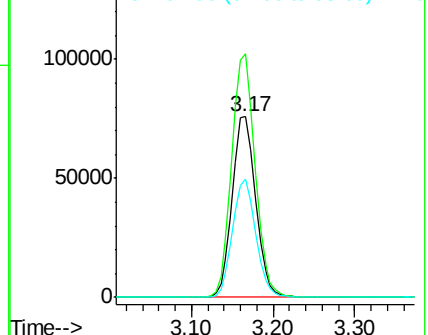
98 65.2 52.4 78.6



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: 53.294 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Tgt Ion: 45 Resp: 484758

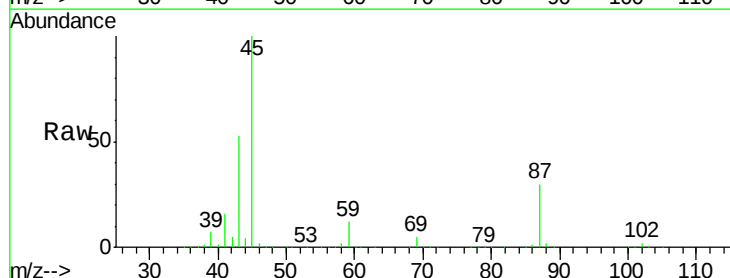
Ion Ratio Lower Upper

45 100

43 52.4 46.8 70.2

87 29.7 20.2 30.4

59 11.9 8.7 13.1

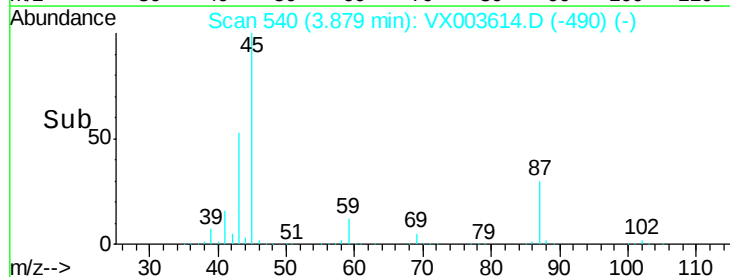
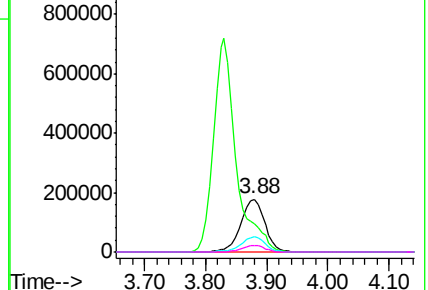


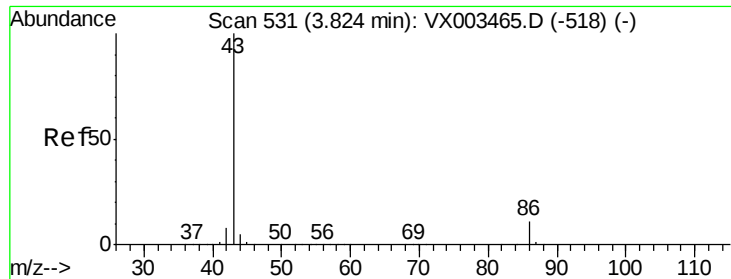
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 249.514 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.01 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

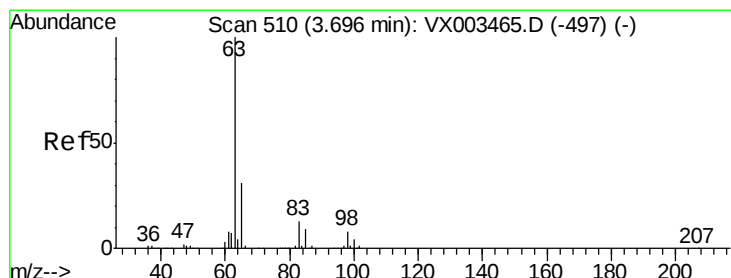
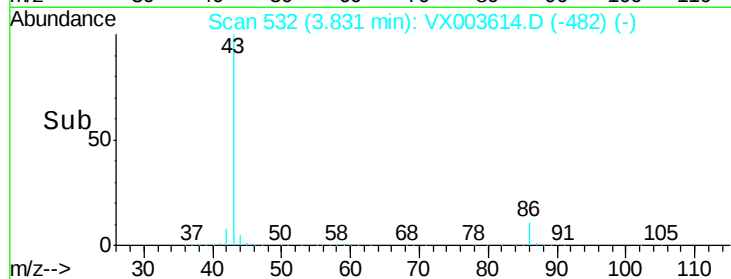
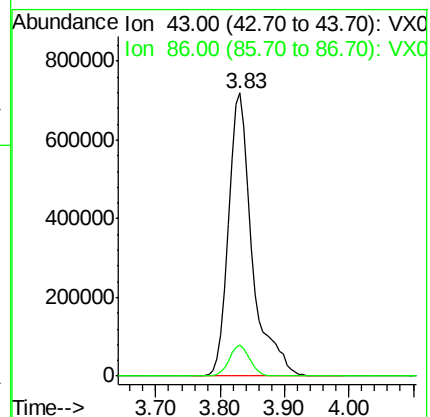
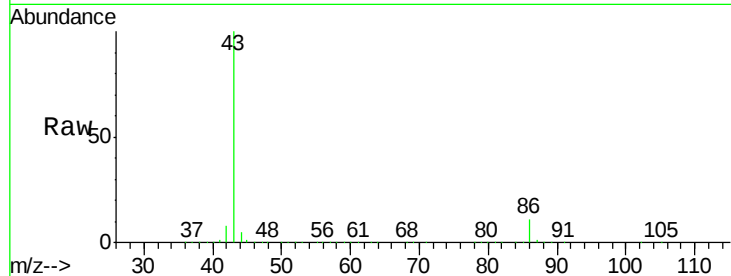
YT-MW-7MSD

Tgt Ion: 43 Resp: 1869456

Ion Ratio Lower Upper

43 100

86 10.9 7.4 11.0



#24

1,1-Dichloroethane

Concen: 52.993 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

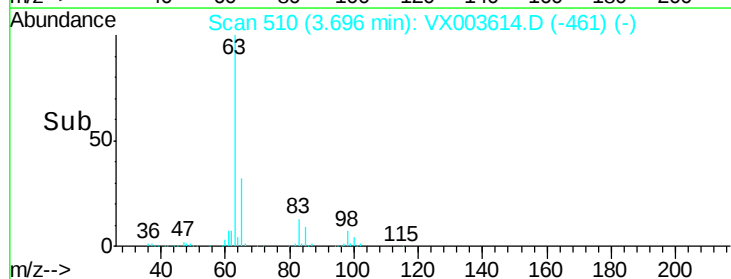
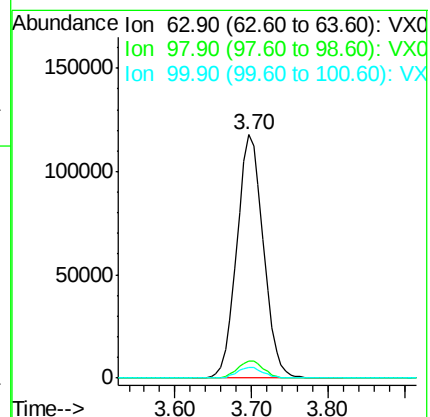
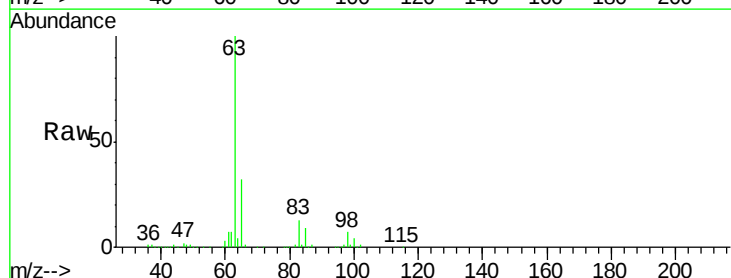
Tgt Ion: 63 Resp: 282805

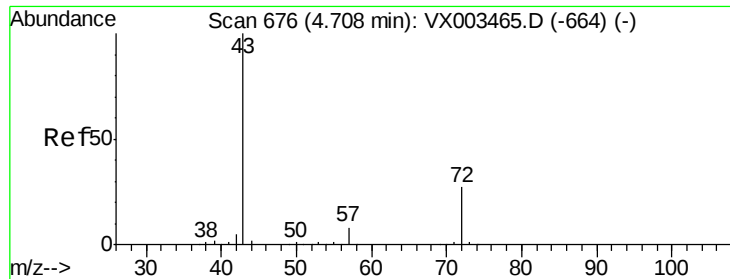
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 271.865 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

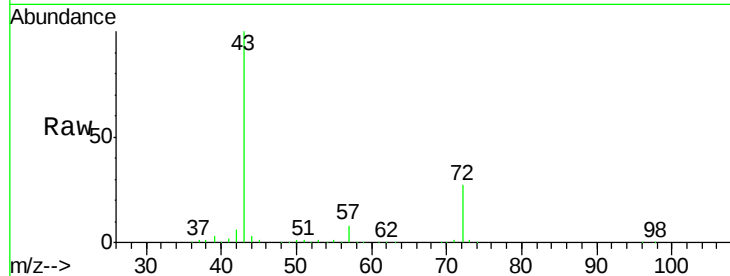
YT-MW-7MSD

Tgt Ion: 43 Resp: 545268

Ion Ratio Lower Upper

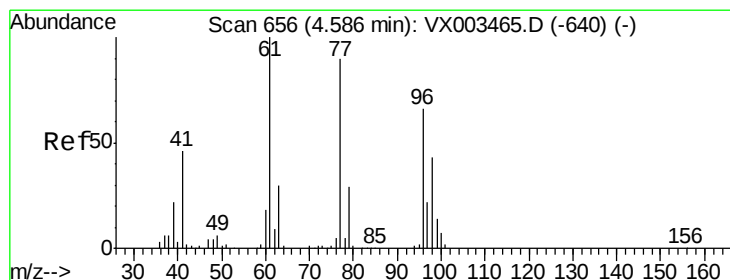
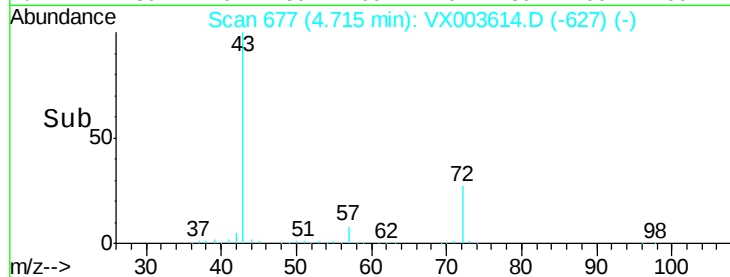
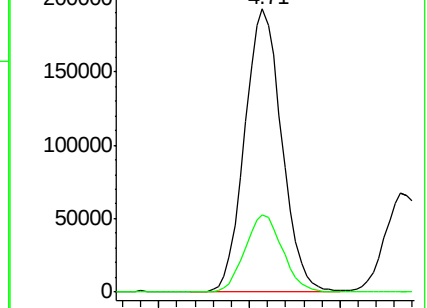
43 100

72 27.2 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: 35.467 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003614.D

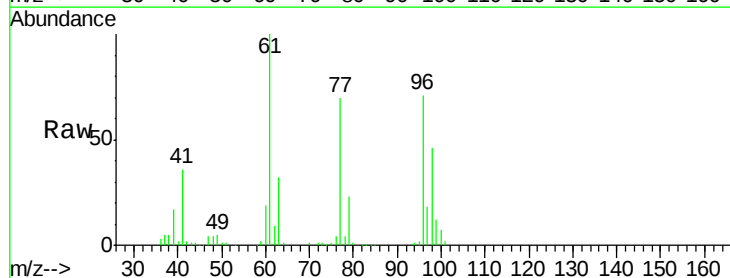
Acq: 23 Jul 2018 19:36

Tgt Ion: 77 Resp: 143759

Ion Ratio Lower Upper

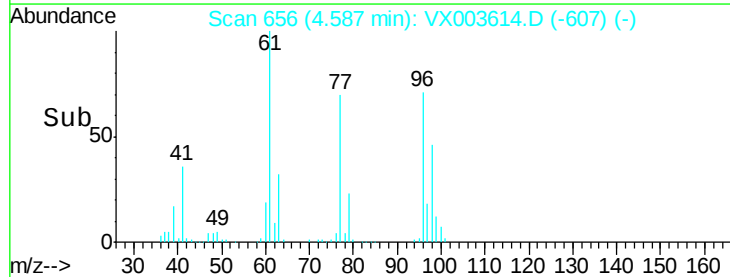
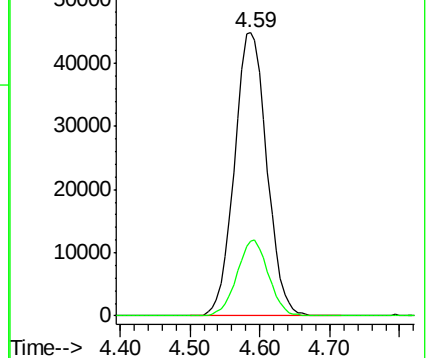
77 100

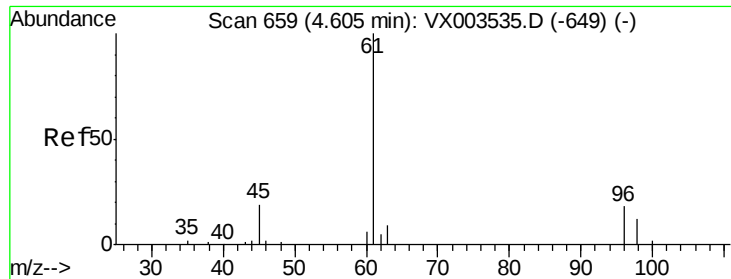
97 26.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



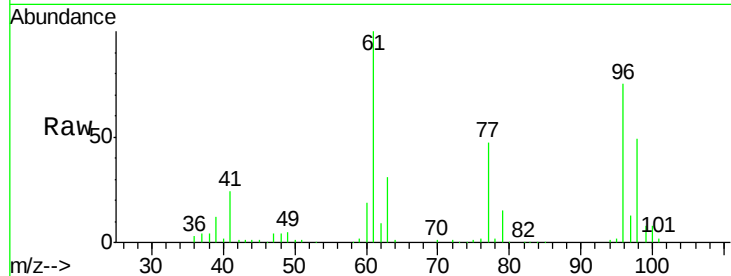


#27

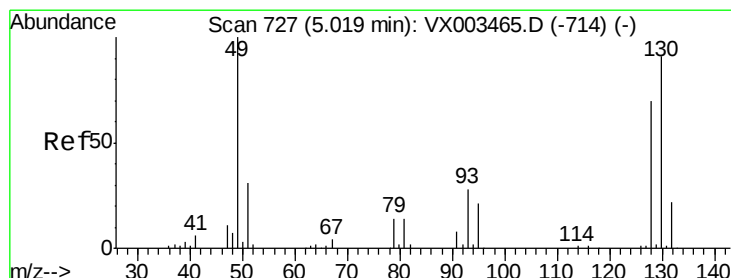
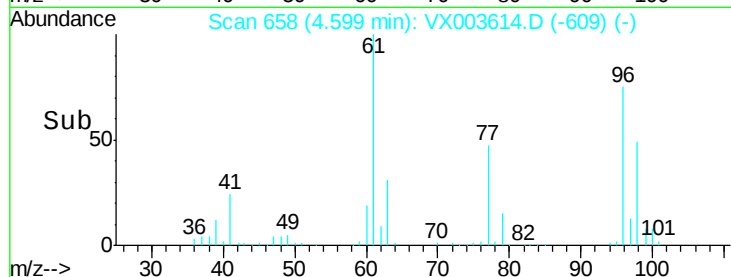
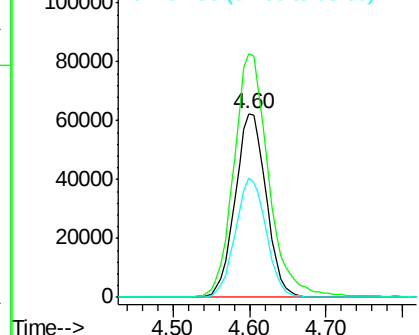
cis-1,2-Dichloroethene
Concen: 51.790 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MSD

Tgt Ion: 96 Resp: 175200
Ion Ratio Lower Upper
96 100
61 149.4 0.0 330.2
98 64.5 0.0 130.2



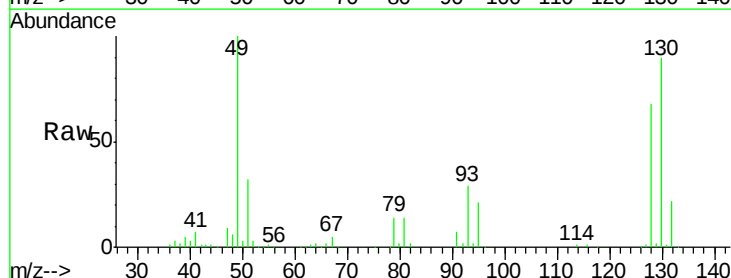
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



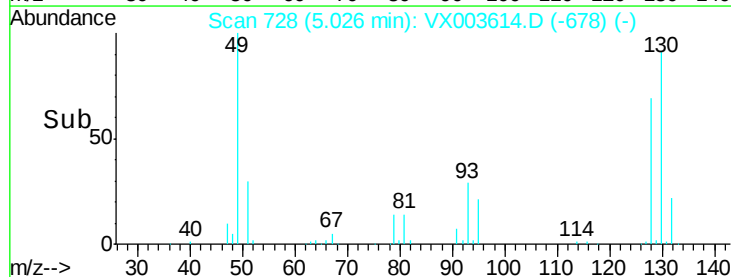
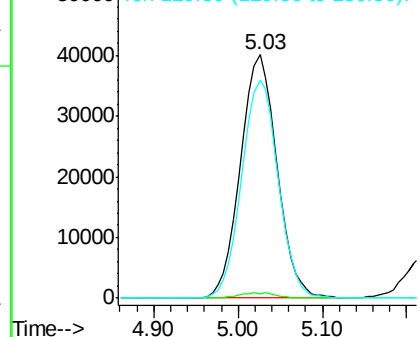
#28

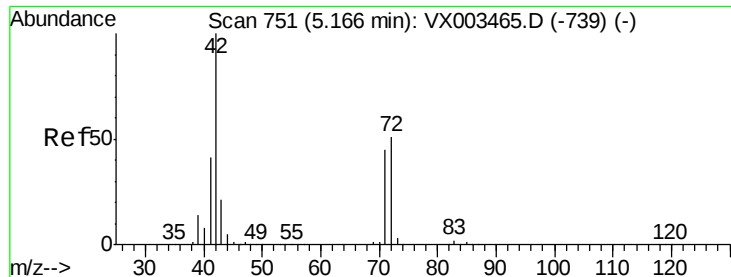
Bromochloromethane
Concen: 50.754 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

Tgt Ion: 49 Resp: 118391
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 89.3 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: 275.866 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MSD

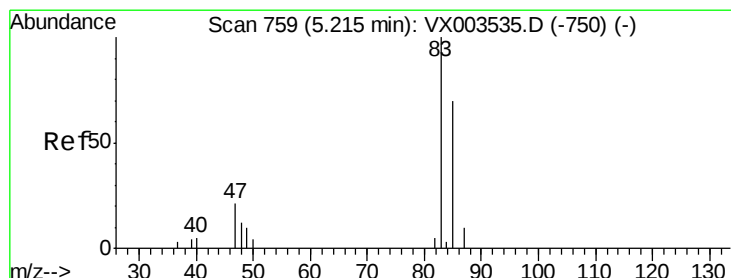
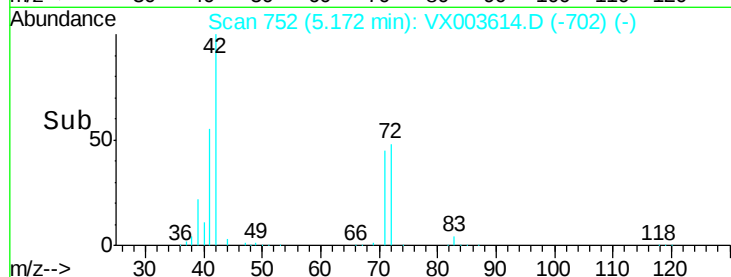
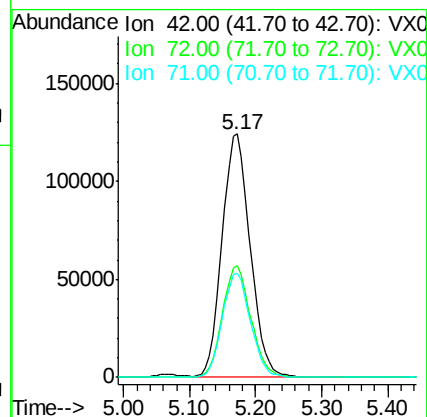
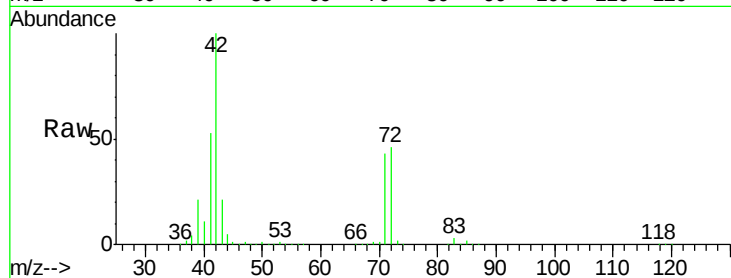
Tgt Ion: 42 Resp: 365499

Ion Ratio Lower Upper

42 100

72 46.3 32.0 48.0

71 42.8 30.1 45.1



#30

Chloroform

Concen: 54.616 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX003614.D

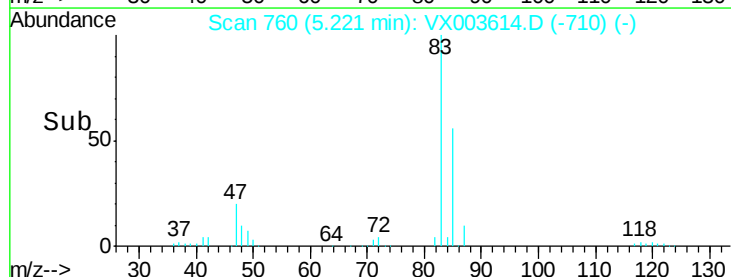
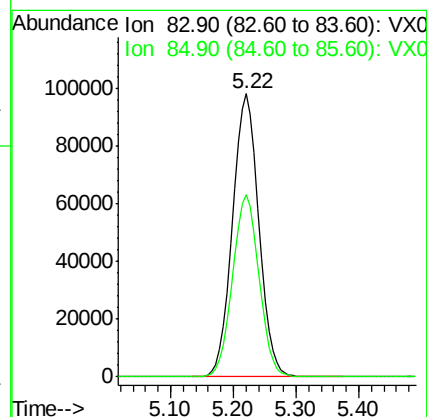
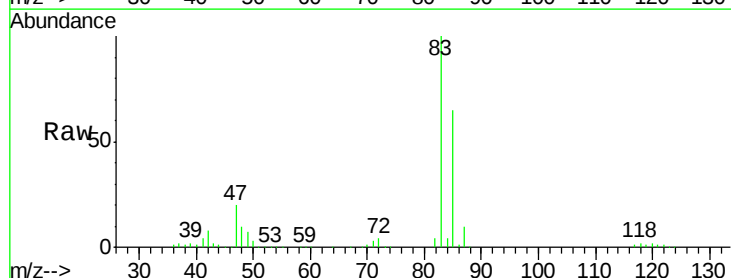
Acq: 23 Jul 2018 19:36

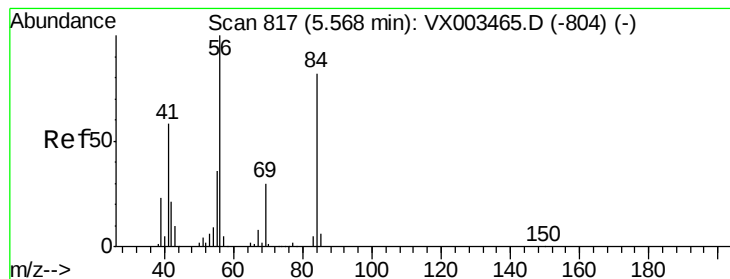
Tgt Ion: 83 Resp: 284618

Ion Ratio Lower Upper

83 100

85 64.6 50.4 75.6





#31

Cyclohexane

Concen: 50.315 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampled :

YT-MW-7MSD

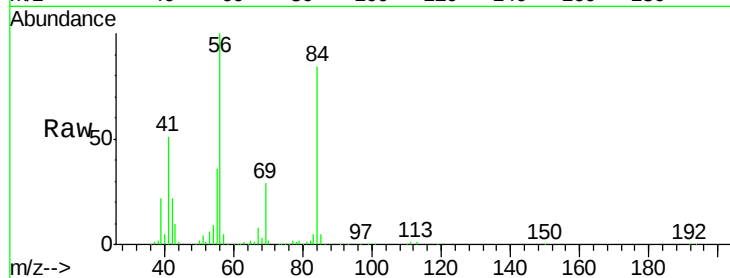
Tgt Ion: 56 Resp: 239917

Ion Ratio Lower Upper

56 100

69 28.7 23.7 35.5

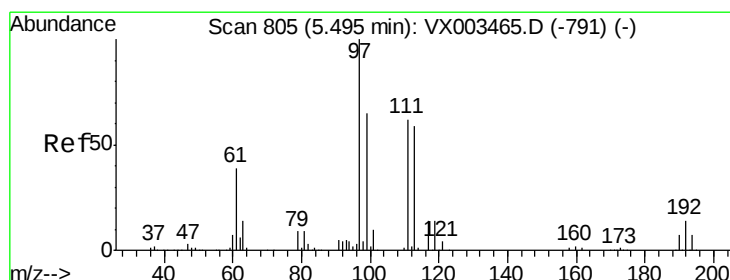
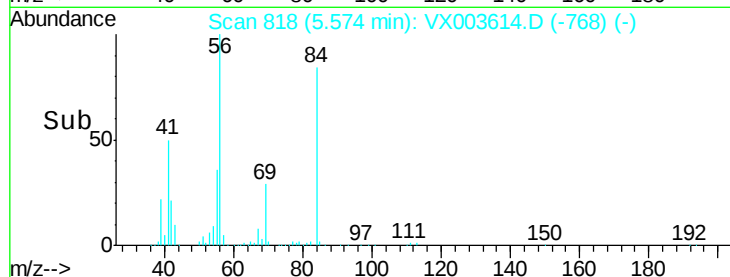
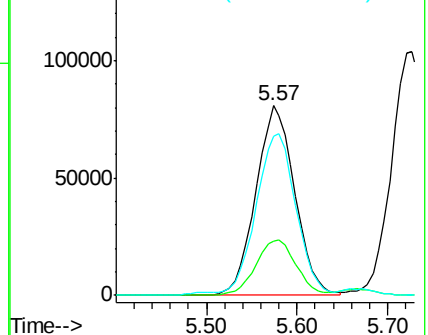
84 83.0 64.1 96.1



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: 54.888 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

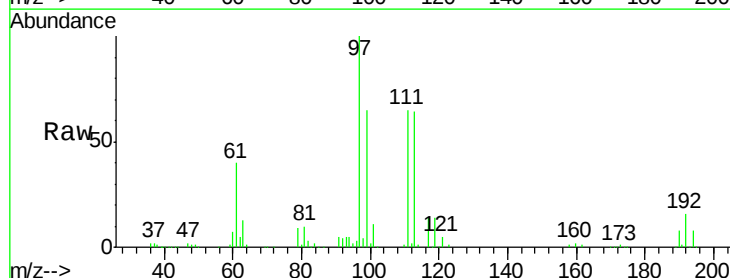
Tgt Ion: 97 Resp: 244938

Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

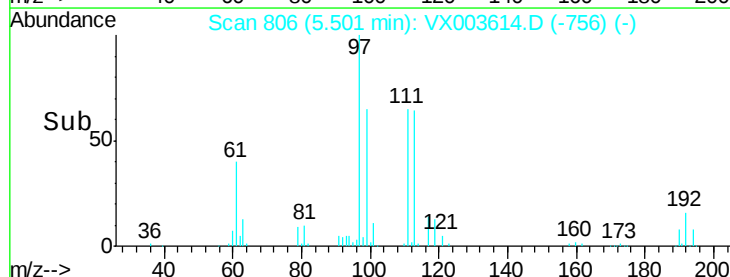
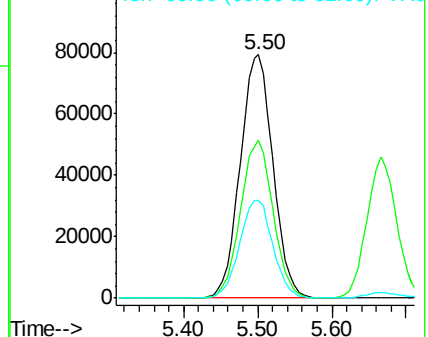
61 40.9 36.4 54.6

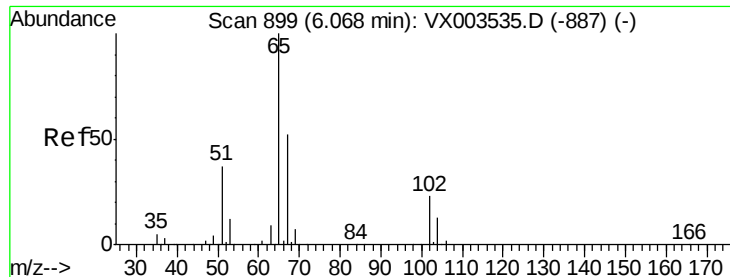


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.623 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

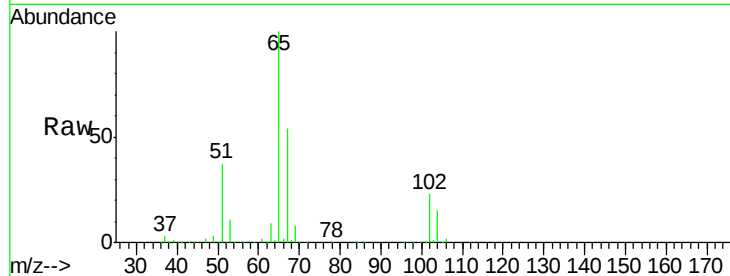
YT-MW-7MSD

Tgt Ion: 65 Resp: 169701

Ion Ratio Lower Upper

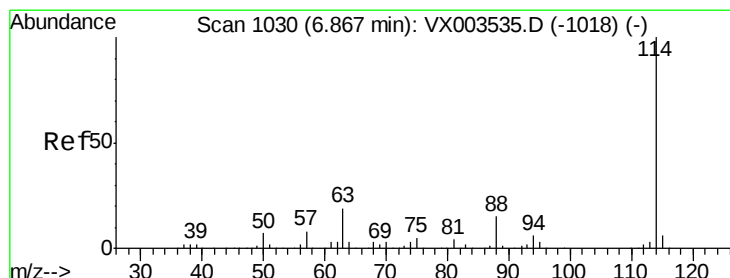
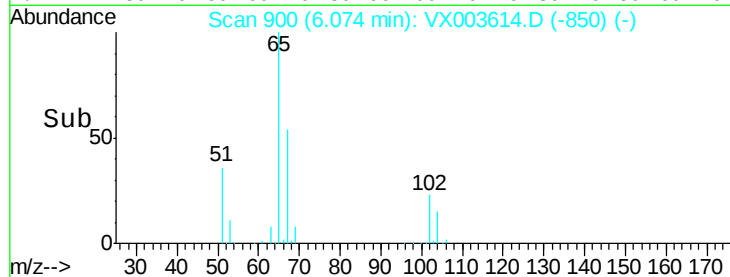
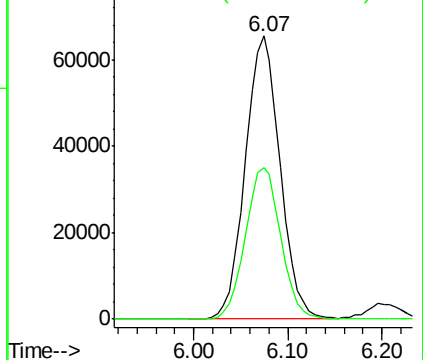
65 100

67 54.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

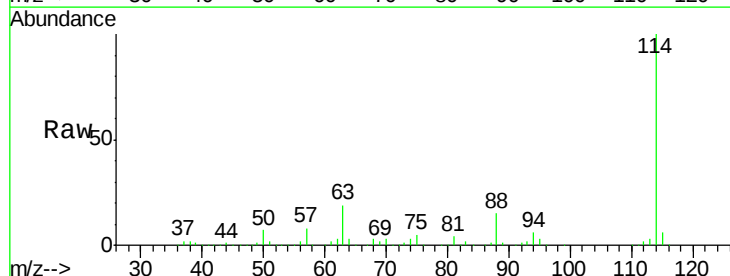
Tgt Ion: 114 Resp: 385641

Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.4

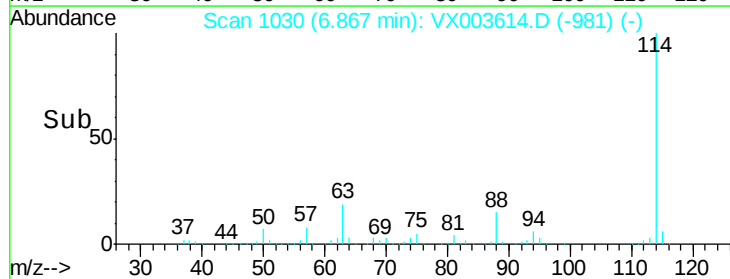
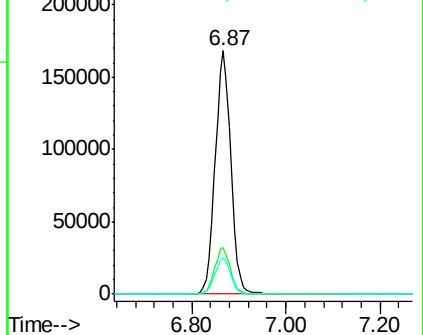
88 15.0 0.0 30.0

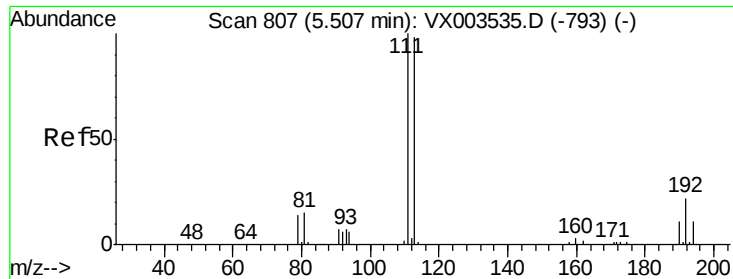


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.757 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MSD

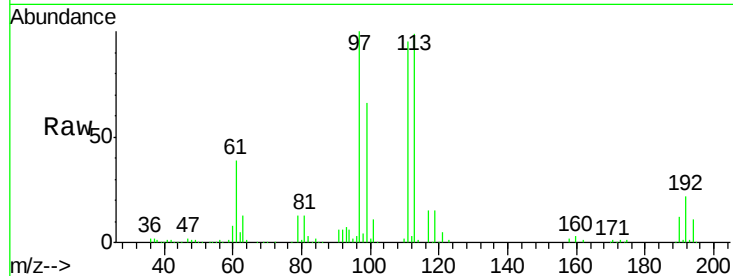
Tgt Ion:113 Resp: 157901

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

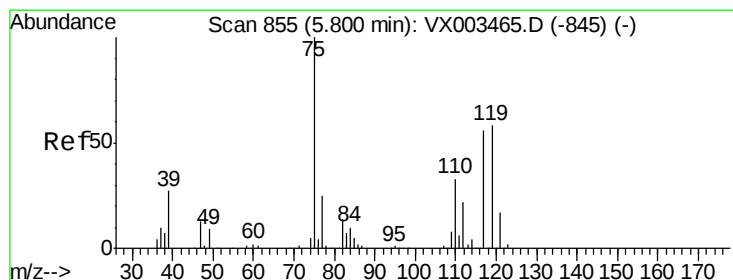
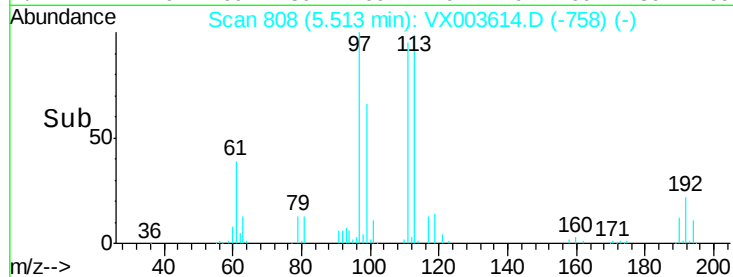
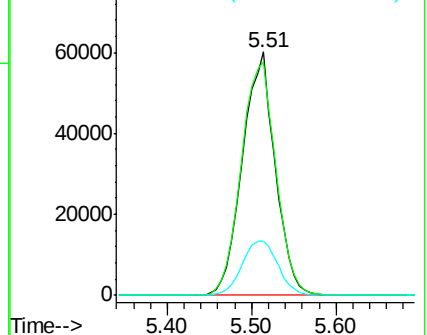
192 24.5 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.687 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

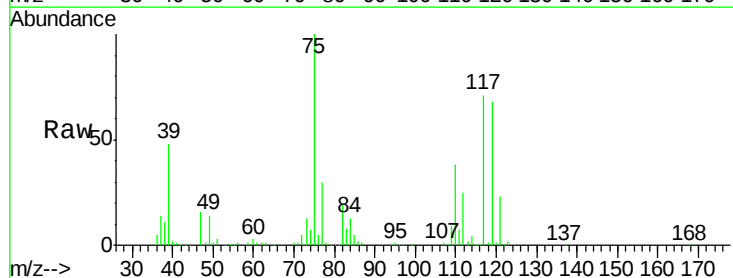
Tgt Ion: 75 Resp: 206878

Ion Ratio Lower Upper

75 100

110 38.7 18.1 54.4

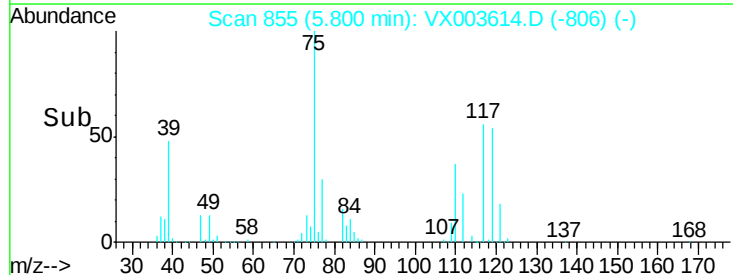
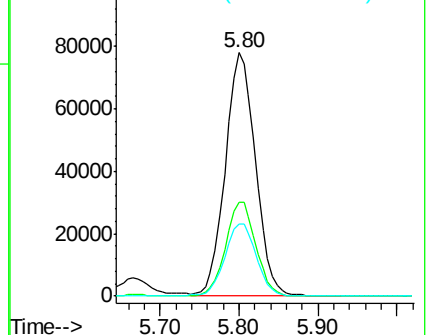
77 31.6 24.3 36.5

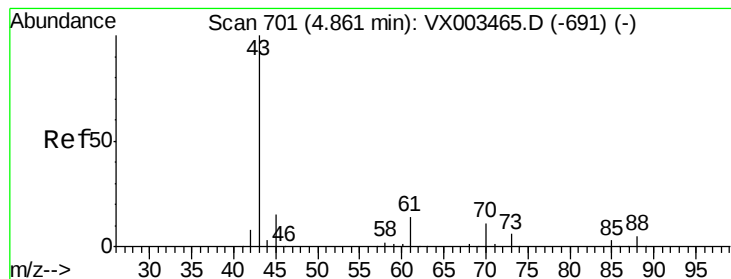


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.490 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.01 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampled :

YT-MW-7MSD

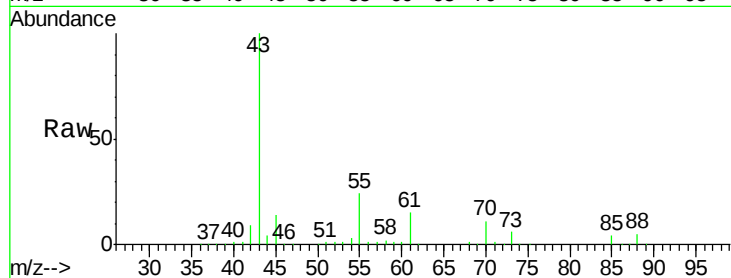
Tgt Ion: 43 Resp: 198927

Ion Ratio Lower Upper

43 100

61 15.2 10.4 15.6

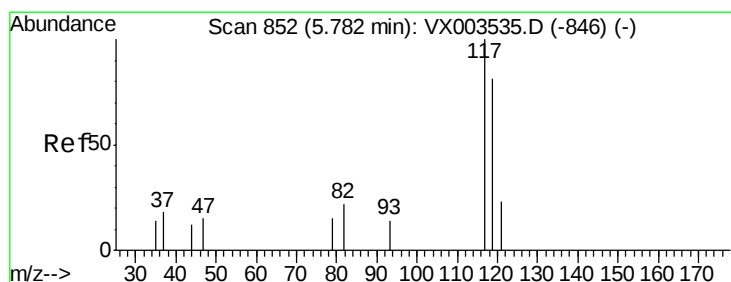
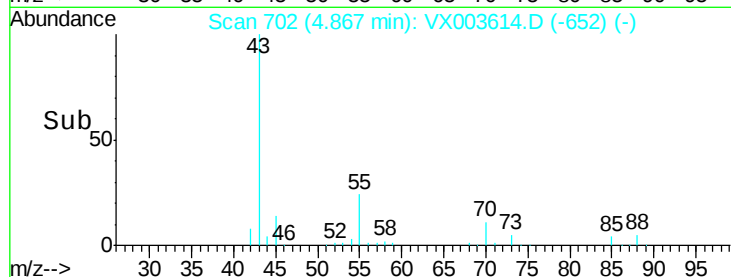
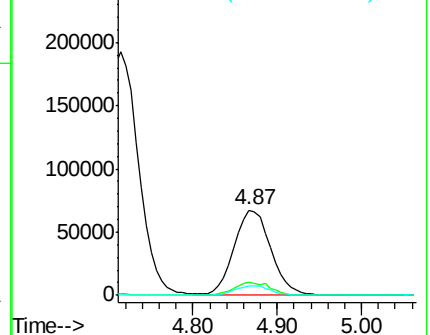
70 11.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX003465.D (-691) (-)

Ion 60.90 (60.60 to 61.60): VX003465.D (-691) (-)

Ion 70.00 (69.70 to 70.70): VX003465.D (-691) (-)



#38

Carbon Tetrachloride

Concen: 53.940 ug/l

RT: 5.78 min Scan# 852

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

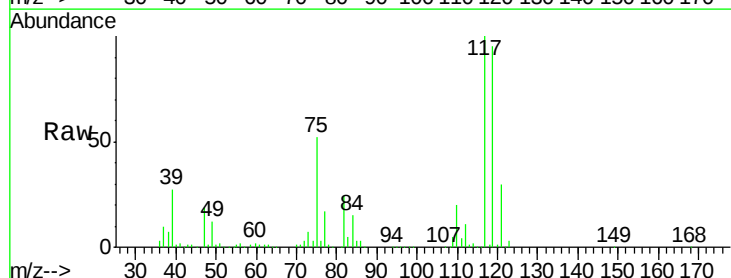
Tgt Ion: 117 Resp: 220294

Ion Ratio Lower Upper

117 100

119 94.8 77.4 116.0

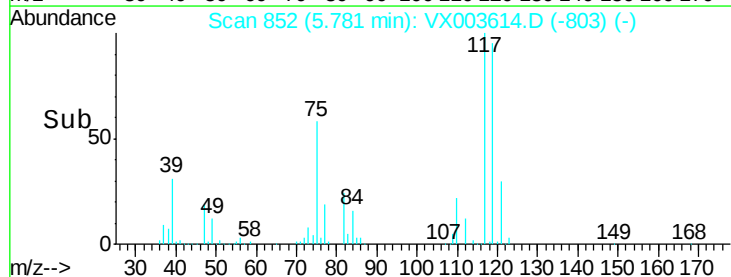
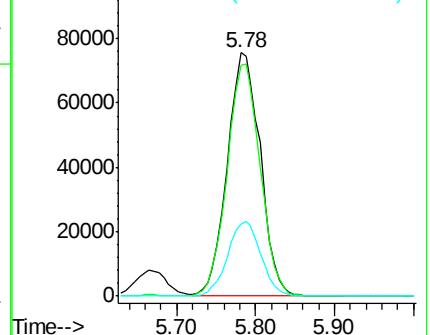
121 29.7 24.4 36.6

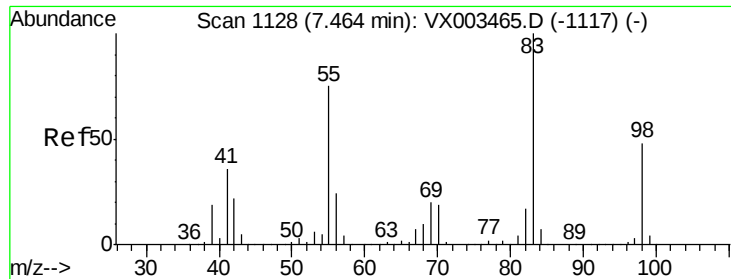


Abundance Ion 116.80 (116.50 to 117.50): VX003535.D (-846) (-)

Ion 118.80 (118.50 to 119.50): VX003535.D (-846) (-)

Ion 120.80 (120.50 to 121.50): VX003535.D (-846) (-)

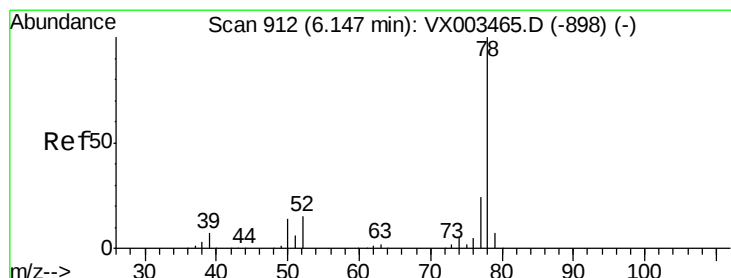
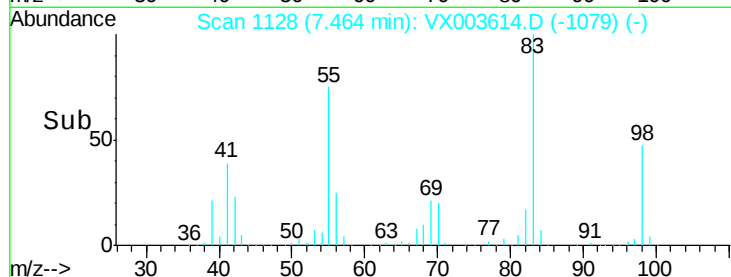
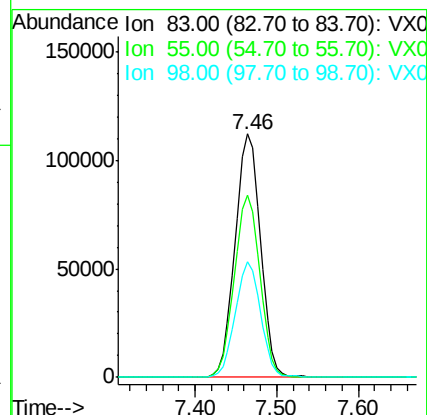
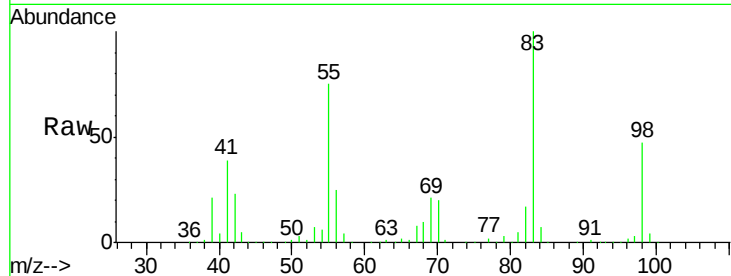




#39
Methylcyclohexane
Concen: 48.781 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

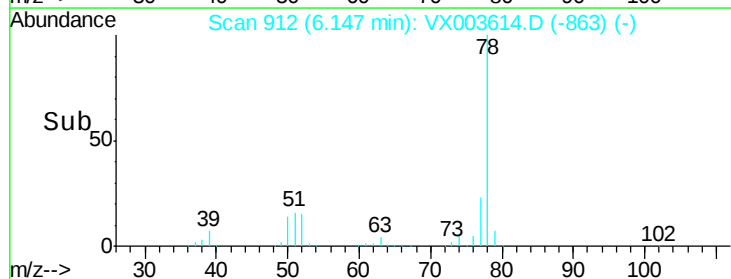
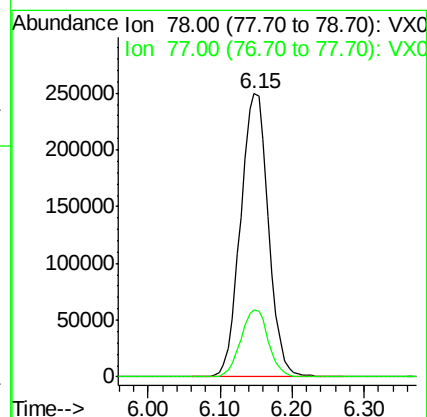
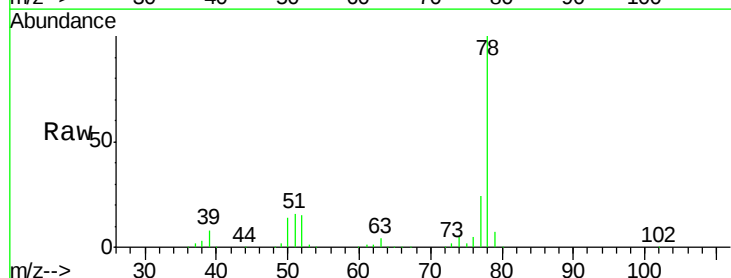
Instrument :
MSVOA_X
ClientSampled :
YT-MW-7MSD

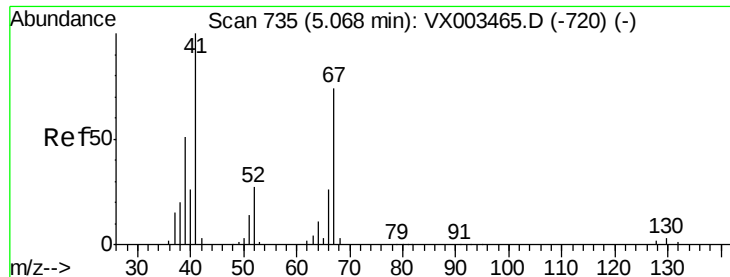
Tgt Ion: 83 Resp: 240561
Ion Ratio Lower Upper
83 100
55 74.7 65.4 98.0
98 47.5 37.4 56.0



#40
Benzene
Concen: 53.247 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

Tgt Ion: 78 Resp: 669374
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

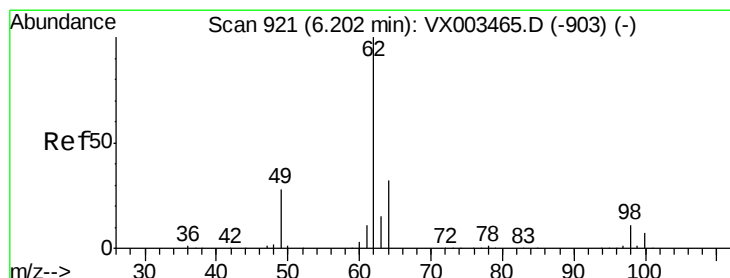
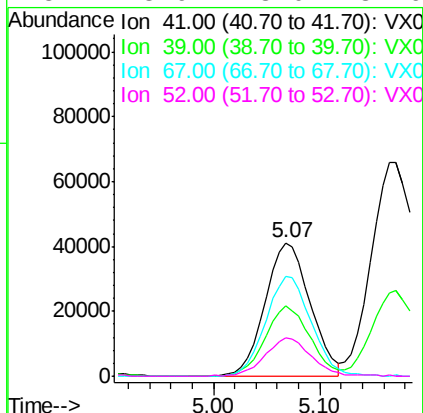
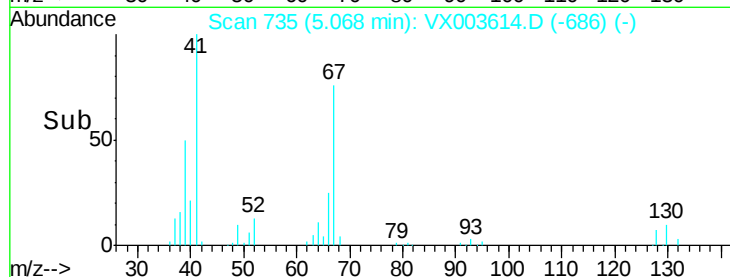
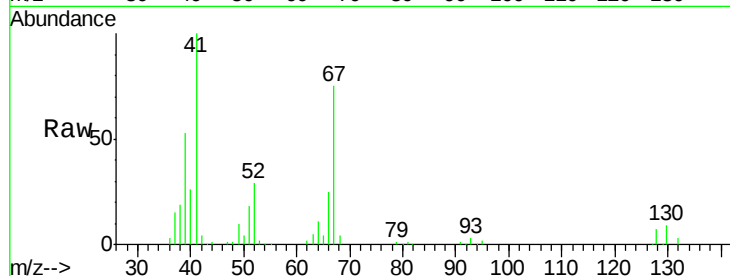




#41
Methacrylonitrile
Concen: 52.294 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

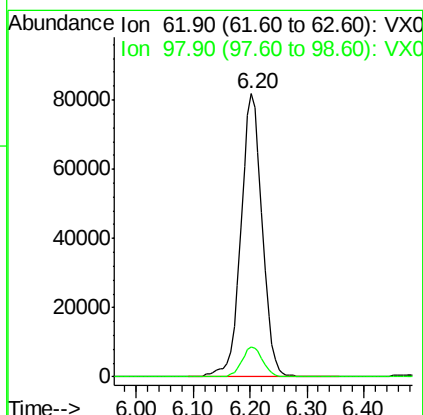
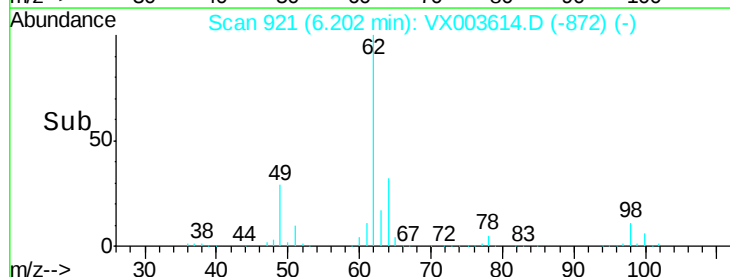
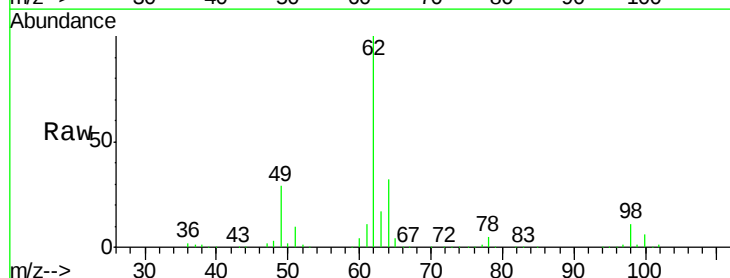
Instrument :
MSVOA_X
ClientSampled :
YT-MW-7MSD

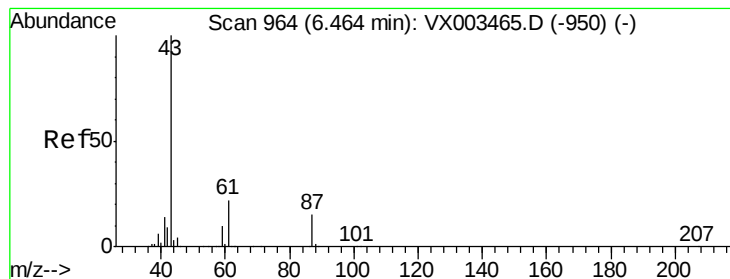
Tgt Ion:	41	Resp:	121093
Ion	Ratio	Lower	Upper
41	100		
39	52.8	45.8	68.6
67	75.6	51.3	76.9
52	28.9	23.0	34.6



#42
1,2-Dichloroethane
Concen: 53.881 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

Tgt Ion:	62	Resp:	213413
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	16.6





#43

Isopropyl Acetate

Concen: 53.121 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MSD

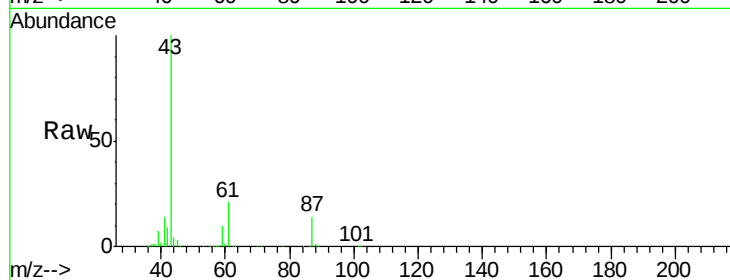
Tgt Ion: 43 Resp: 332931

Ion Ratio Lower Upper

43 100

61 21.0 14.4 21.6

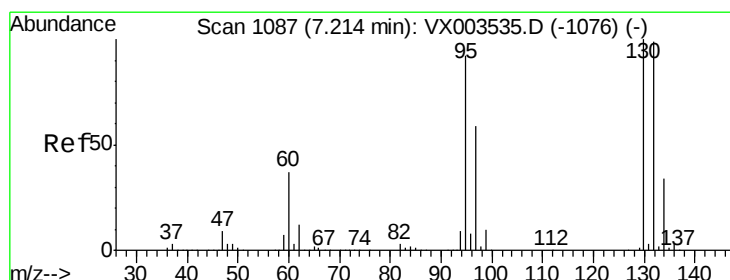
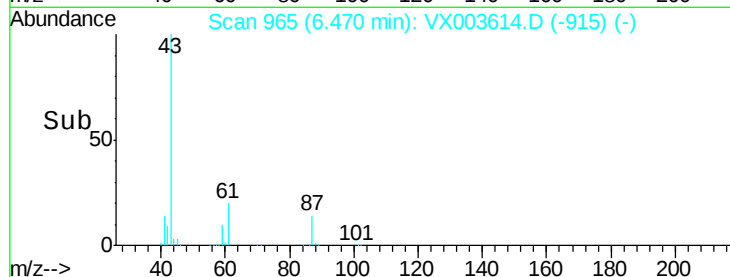
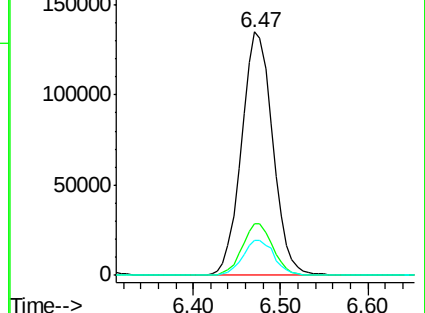
87 14.6 9.5 14.3#



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: 50.750 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003614.D

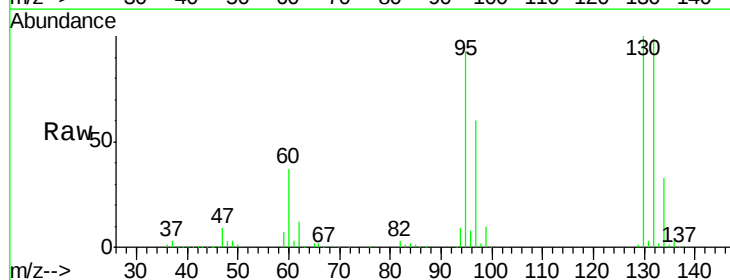
Acq: 23 Jul 2018 19:36

Tgt Ion: 130 Resp: 190263

Ion Ratio Lower Upper

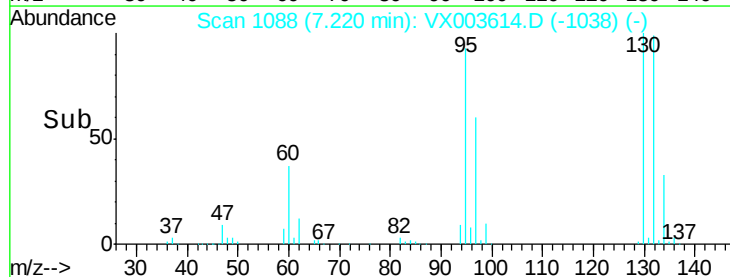
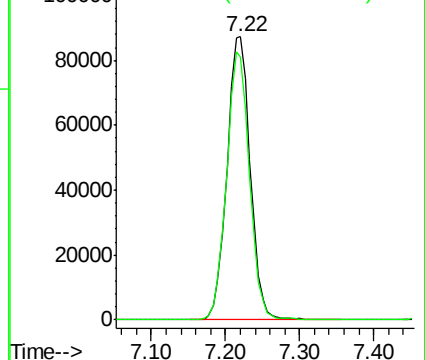
130 100

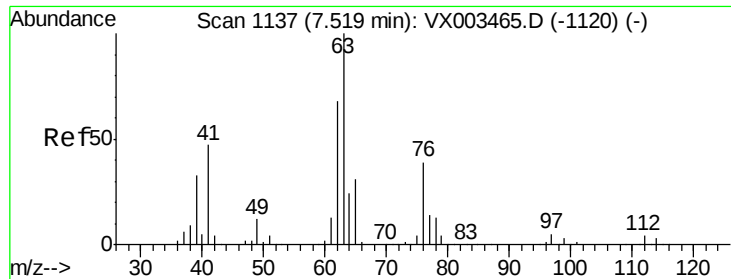
95 93.0 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

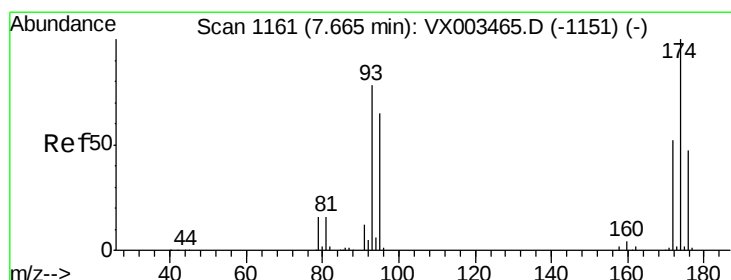
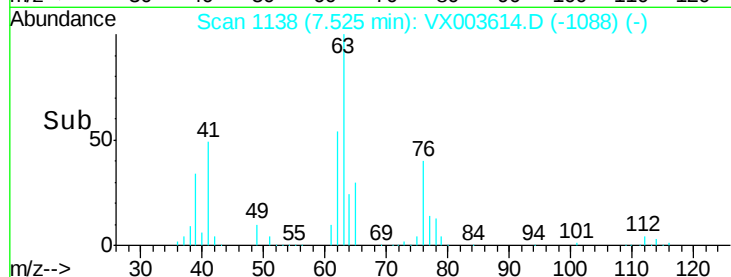
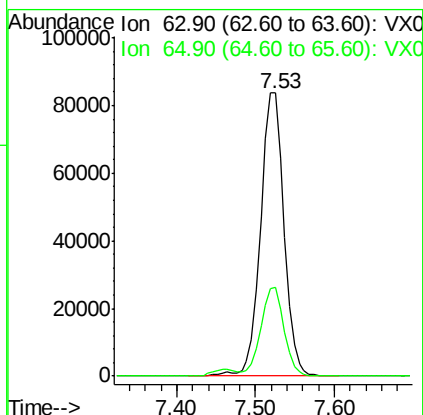
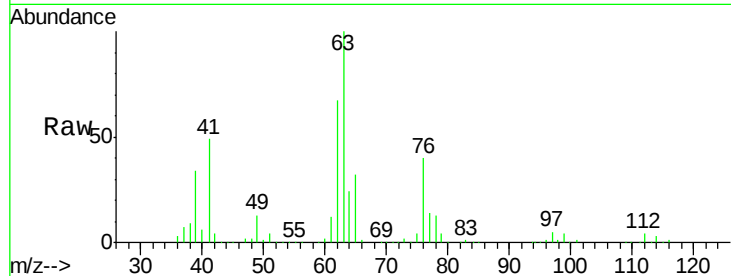




#45
 1,2-Dichloropropane
 Concen: 54.418 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

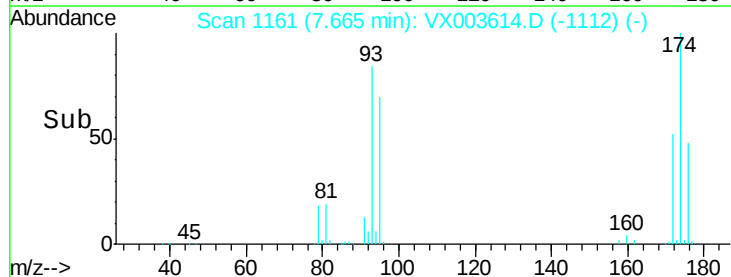
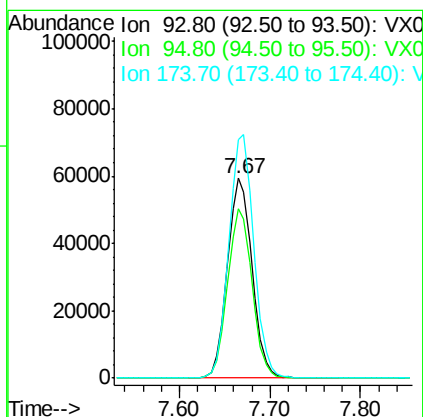
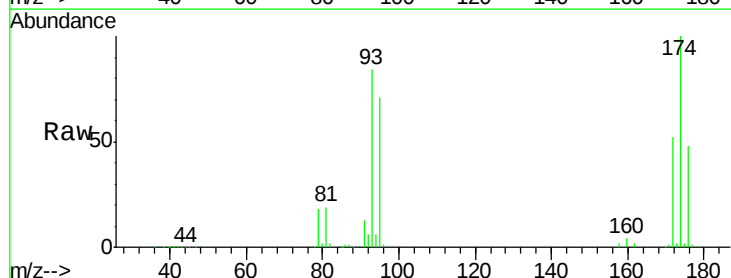
Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MSD

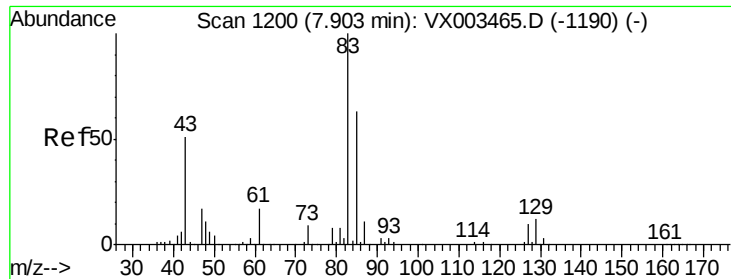
Tgt Ion: 63 Resp: 173704
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.7 37.1



#46
 Dibromomethane
 Concen: 54.613 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

Tgt Ion: 93 Resp: 112230
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.9 98.9
 174 122.8 92.4 138.6





#47

Bromodichloromethane

Concen: 57.344 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MSD

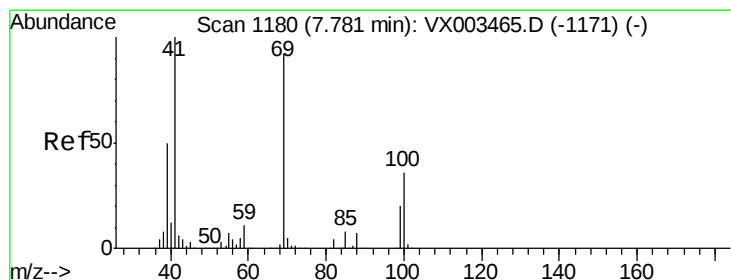
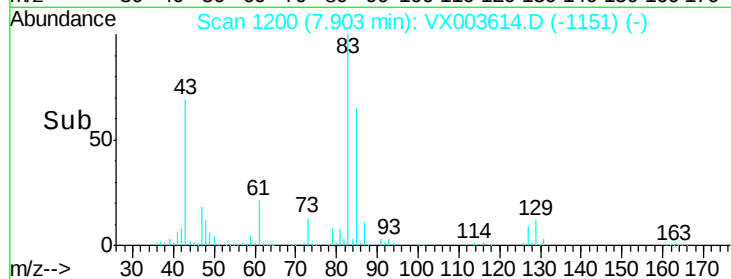
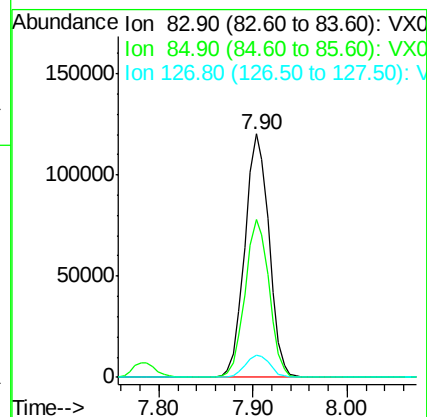
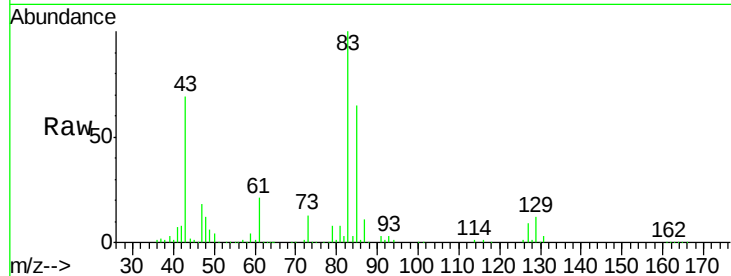
Tgt Ion: 83 Resp: 215734

Ion Ratio Lower Upper

83 100

85 64.7 50.3 75.5

127 9.1 7.0 10.4



#48

Methyl methacrylate

Concen: 57.717 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

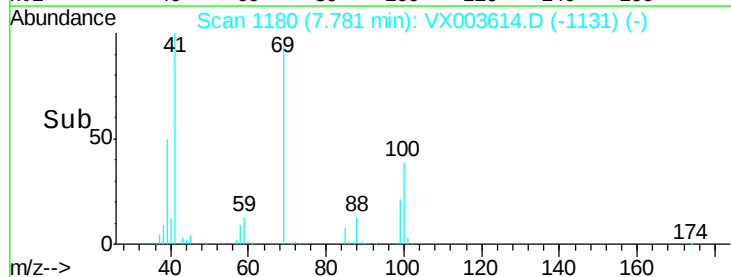
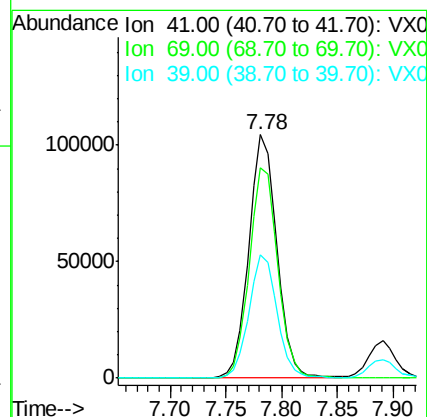
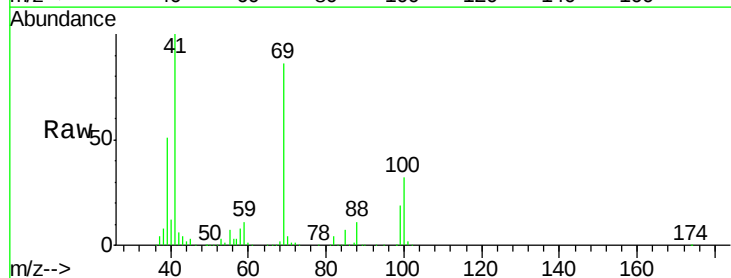
Tgt Ion: 41 Resp: 182420

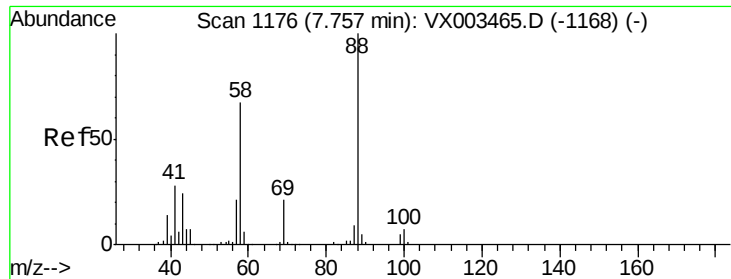
Ion Ratio Lower Upper

41 100

69 88.4 59.1 88.7

39 50.9 48.9 73.3

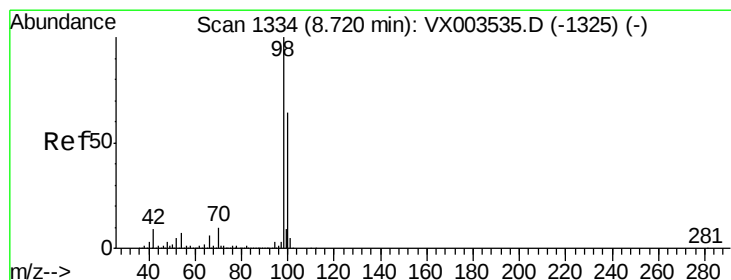
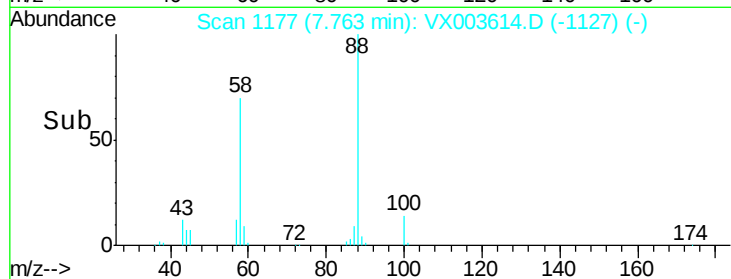
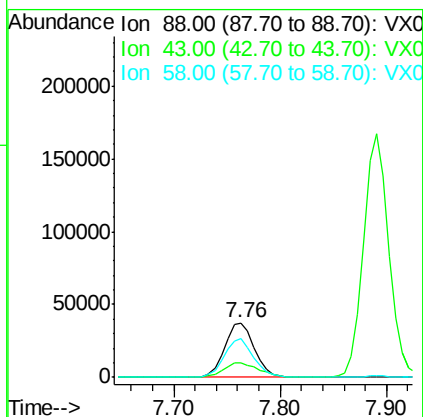
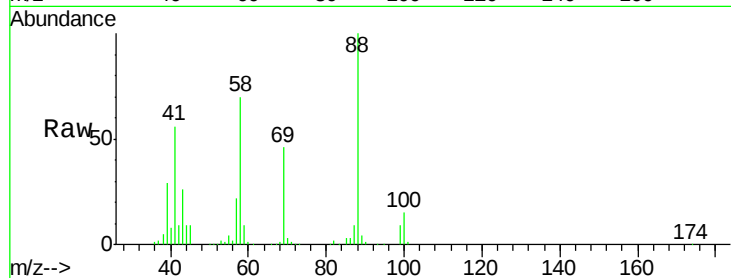




#49
 1,4-Dioxane
 Concen: 1014.212 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

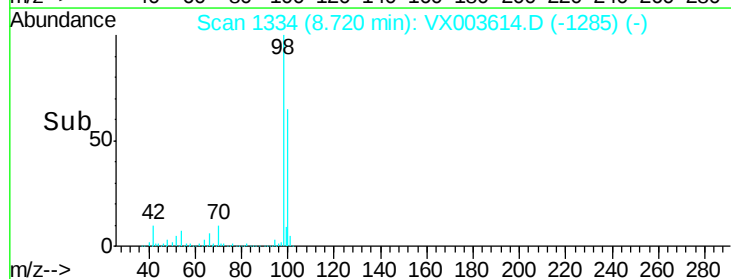
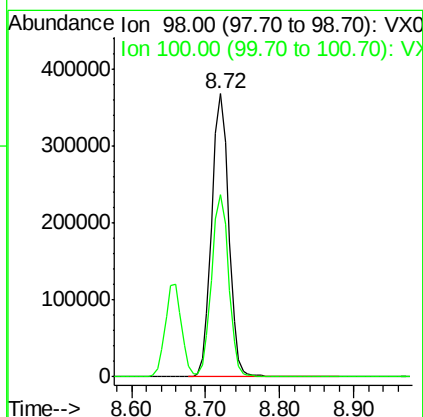
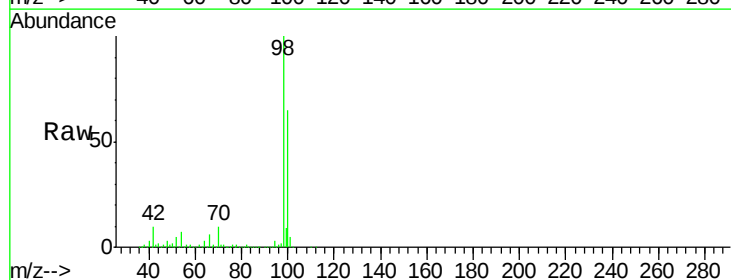
Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MSD

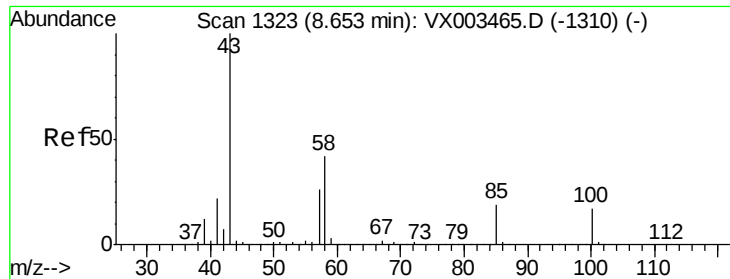
Tgt Ion: 88 Resp: 72631
 Ion Ratio Lower Upper
 88 100
 43 31.2 29.8 44.6
 58 71.3 57.1 85.7



#50
 Toluene-d8
 Concen: 52.680 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

Tgt Ion: 98 Resp: 581598
 Ion Ratio Lower Upper
 98 100
 100 64.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 297.874 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

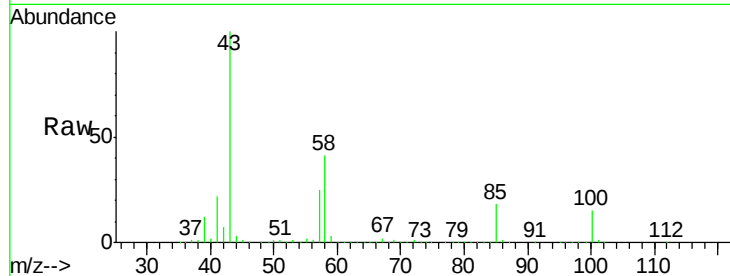
YT-MW-7MSD

Tgt Ion: 43 Resp: 1179421

Ion Ratio Lower Upper

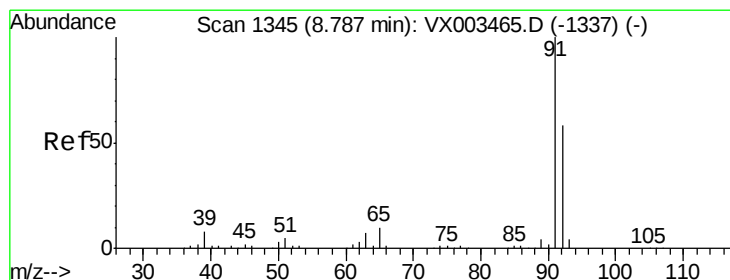
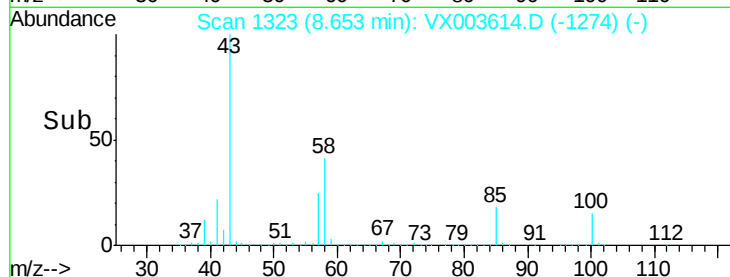
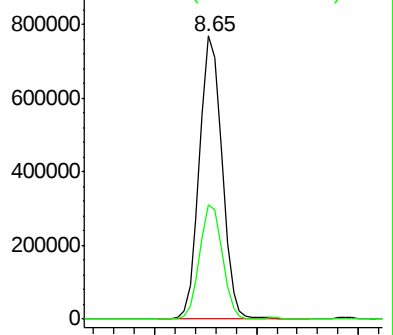
43 100

58 40.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.992 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003614.D

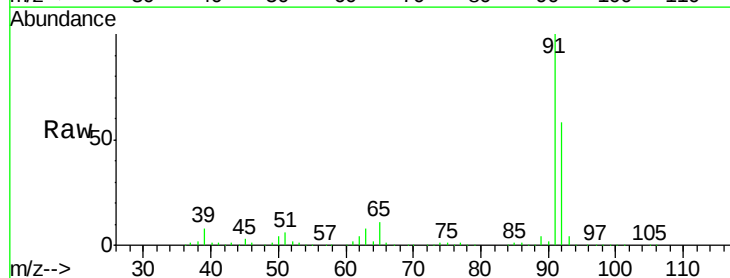
Acq: 23 Jul 2018 19:36

Tgt Ion: 92 Resp: 419319

Ion Ratio Lower Upper

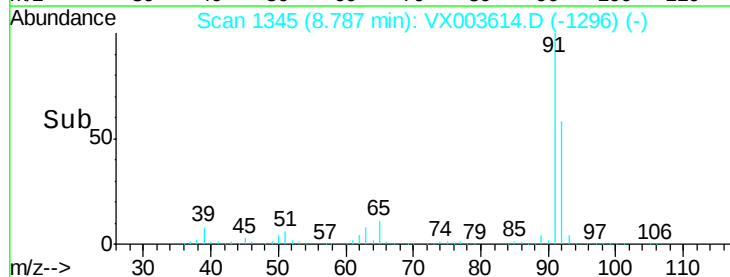
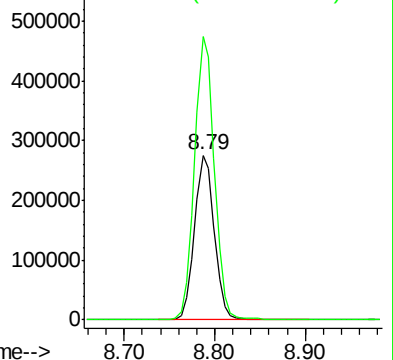
92 100

91 172.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

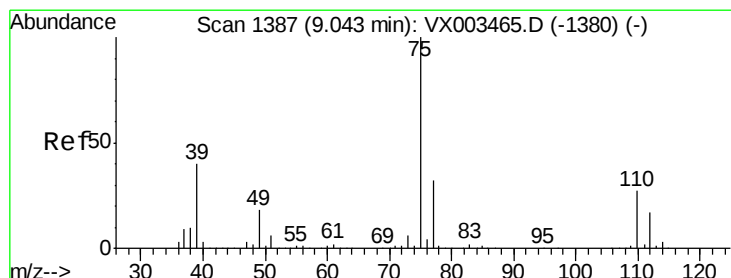
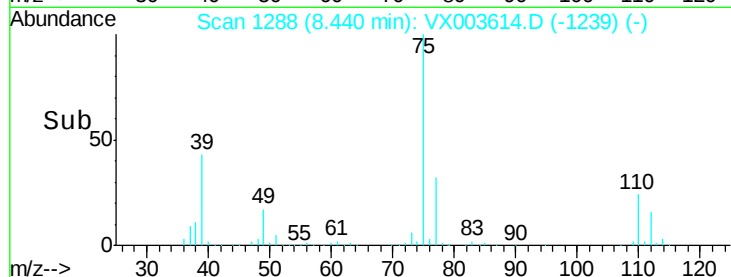
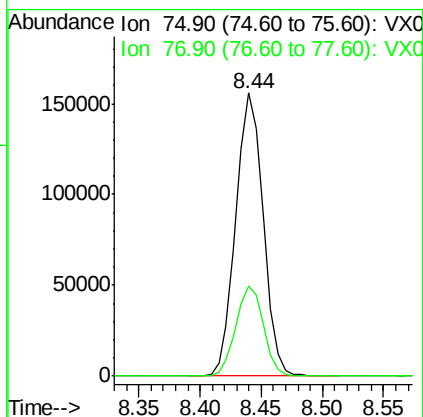
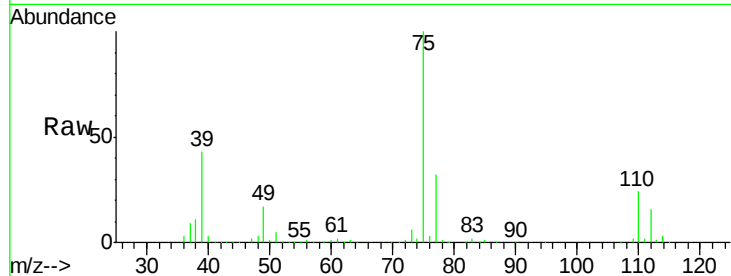




#53
 t-1,3-Dichloropropene
 Concen: 52.269 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

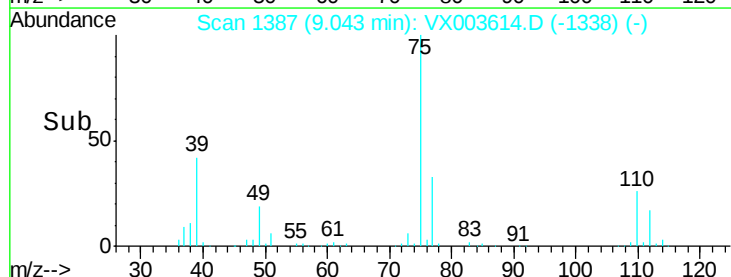
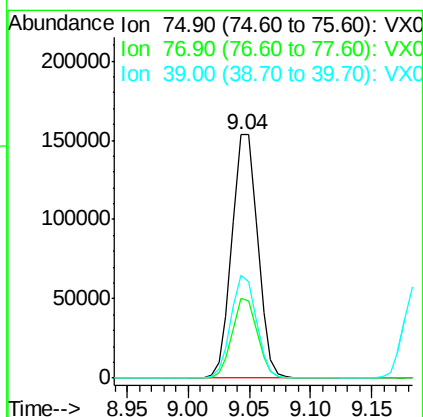
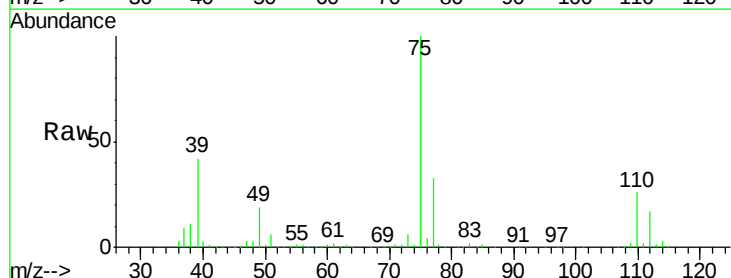
Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MSD

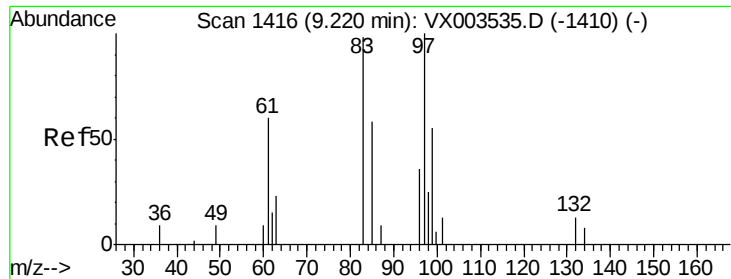
Tgt Ion: 75 Resp: 242034
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 54.038 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

Tgt Ion: 75 Resp: 225027
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.8 37.2
 39 42.2 42.4 63.6#

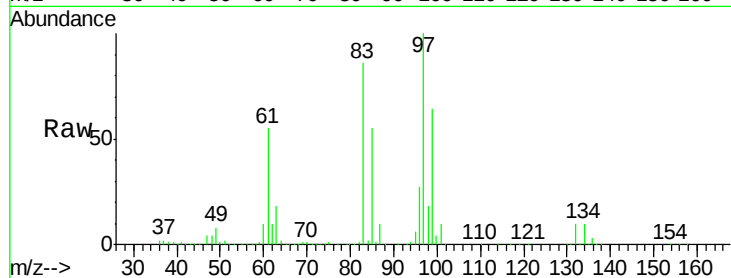




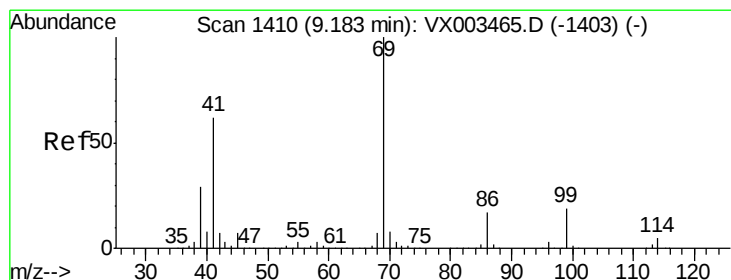
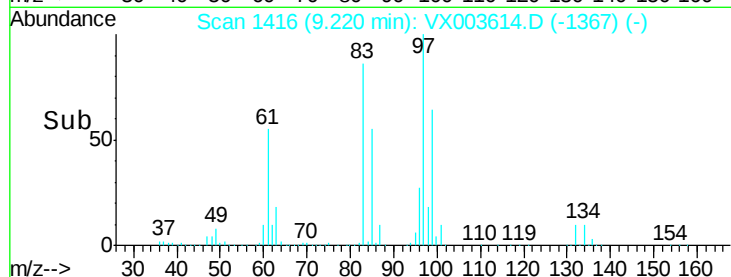
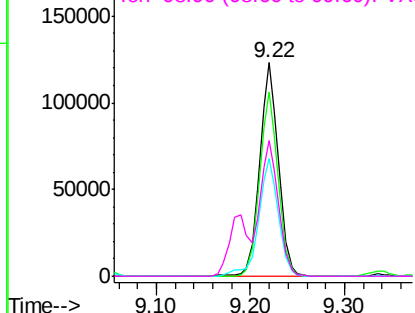
#55
 1,1,2-Trichloroethane
 Concen: 55.221 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MSD

Tgt Ion: 97 Resp: 173877
 Ion Ratio Lower Upper
 97 100
 83 86.1 70.2 105.2
 85 55.0 44.9 67.3
 99 63.7 49.8 74.8

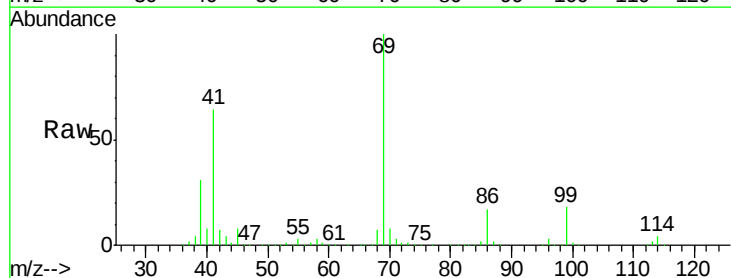


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

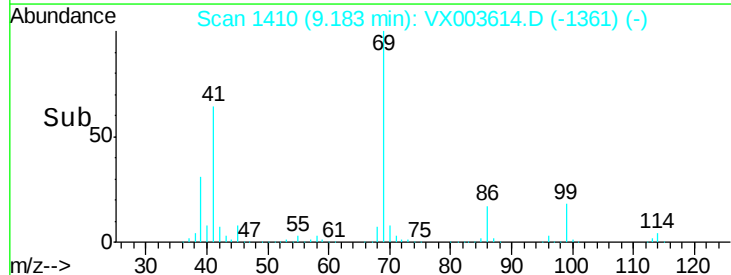
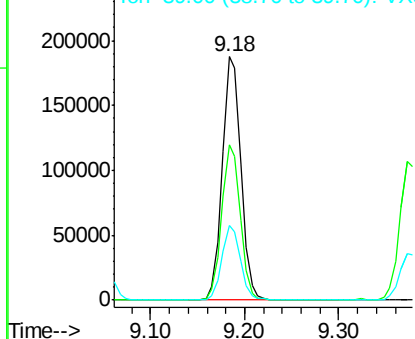


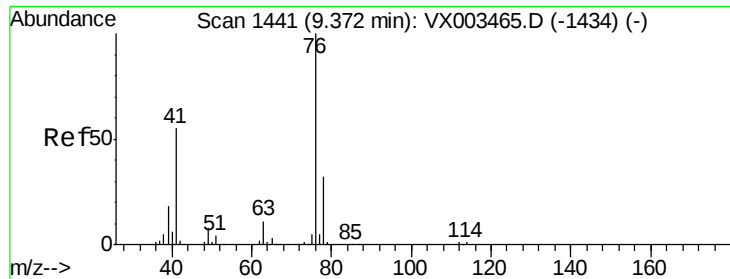
#56
 Ethyl methacrylate
 Concen: 57.979 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

Tgt Ion: 69 Resp: 257135
 Ion Ratio Lower Upper
 69 100
 41 63.3 60.3 90.5
 39 30.7 35.8 53.8#



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

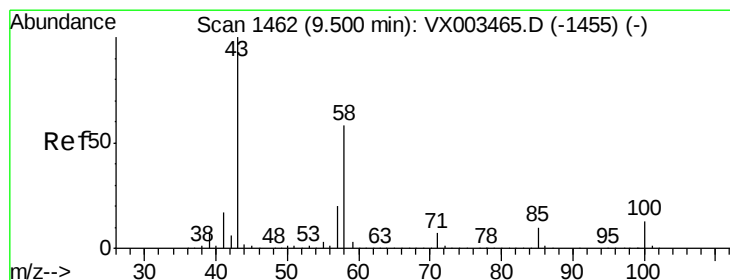
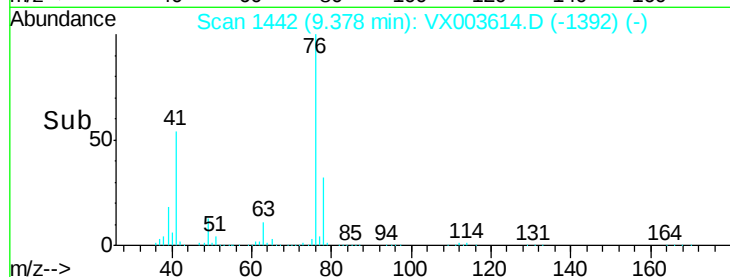
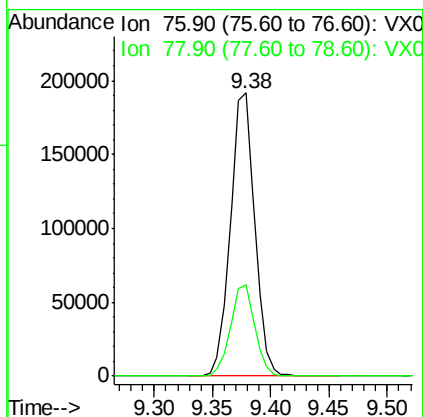
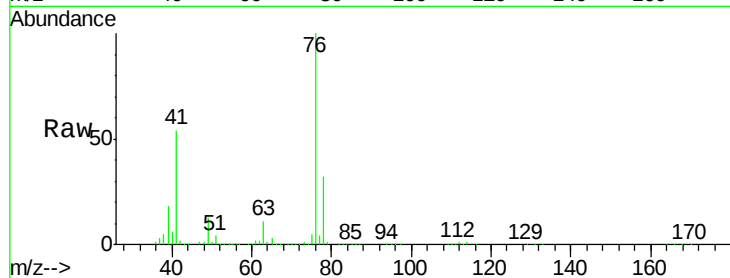




#57
 1,3-Dichloropropane
 Concen: 54.856 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

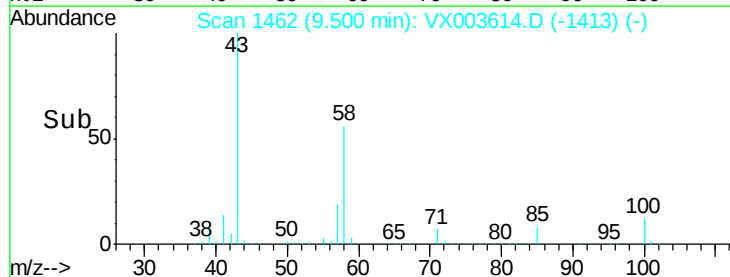
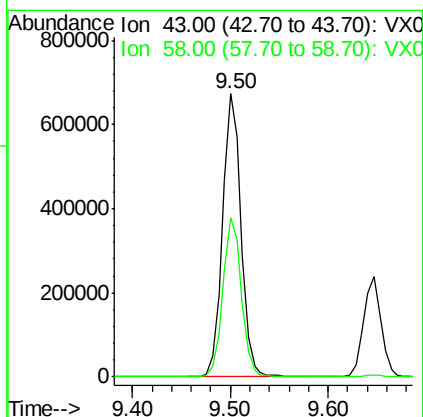
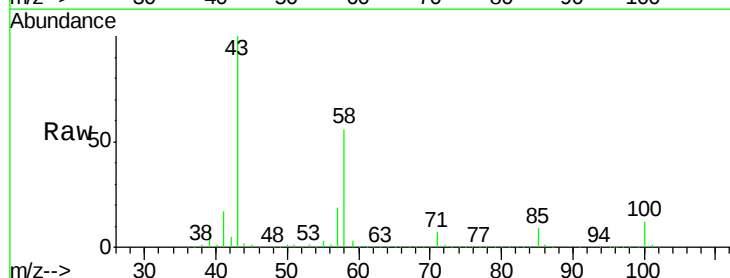
Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MSD

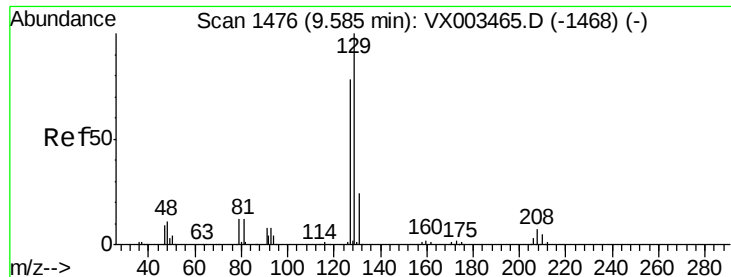
Tgt Ion: 76 Resp: 279202
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#59
 2-Hexanone
 Concen: 299.595 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

Tgt Ion: 43 Resp: 878904
 Ion Ratio Lower Upper
 43 100
 58 56.6 24.6 73.6





#60

Dibromochloromethane

Concen: 57.445 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

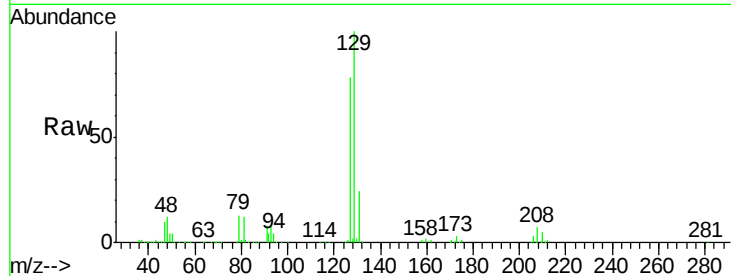
YT-MW-7MSD

Tgt Ion:129 Resp: 179036

Ion Ratio Lower Upper

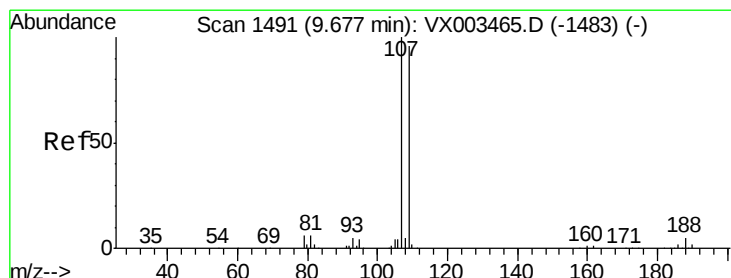
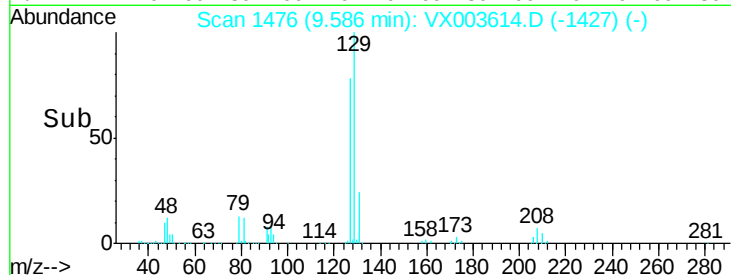
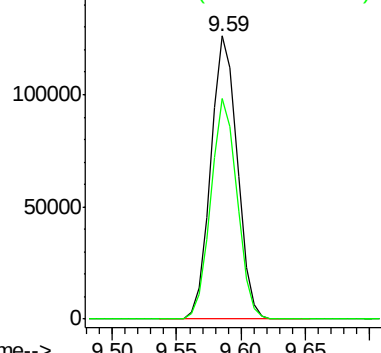
129 100

127 77.0 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 54.616 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003614.D

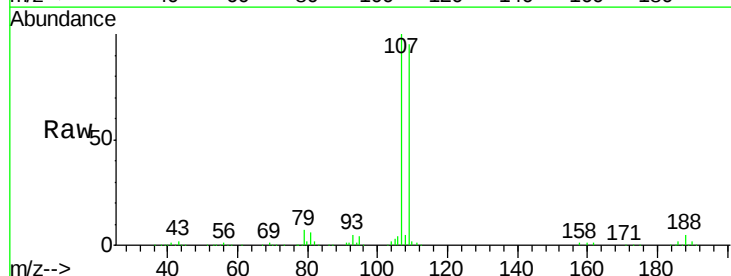
Acq: 23 Jul 2018 19:36

Tgt Ion:107 Resp: 178273

Ion Ratio Lower Upper

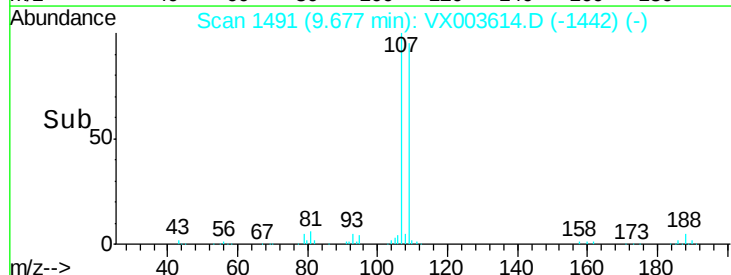
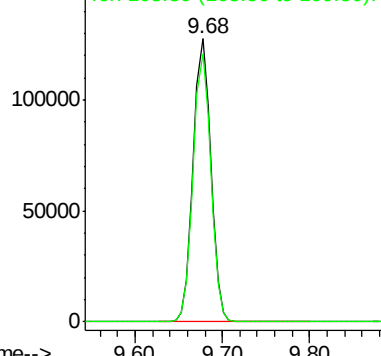
107 100

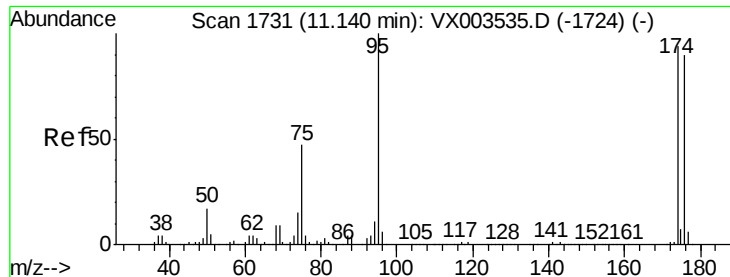
109 95.2 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 52.936 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MSD

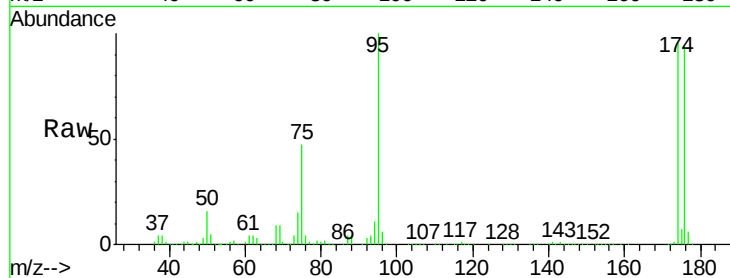
Tgt Ion: 95 Resp: 213280

Ion Ratio Lower Upper

95 100

174 96.8 0.0 187.4

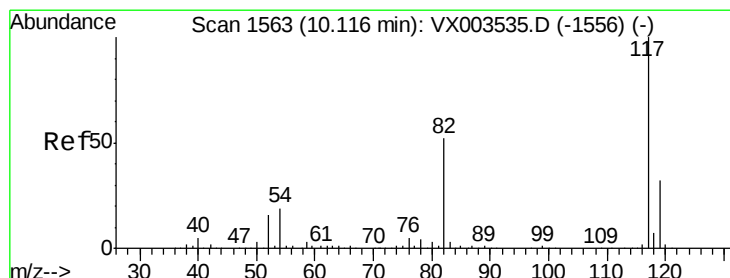
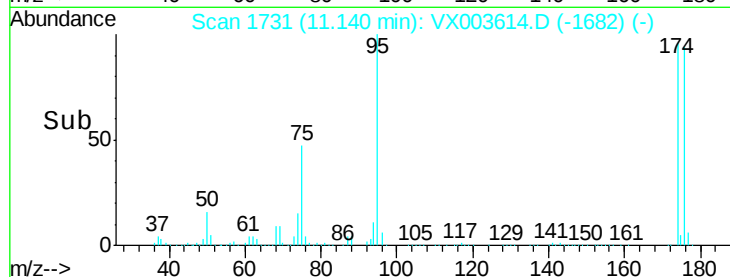
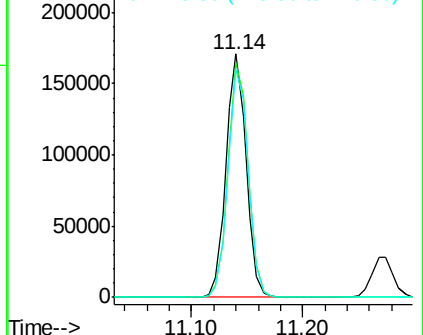
176 94.3 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

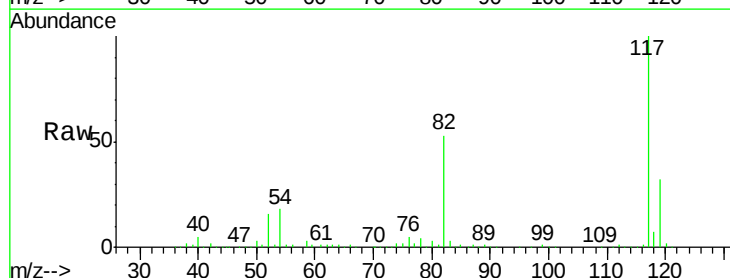
Tgt Ion: 117 Resp: 369032

Ion Ratio Lower Upper

117 100

82 52.7 45.0 67.4

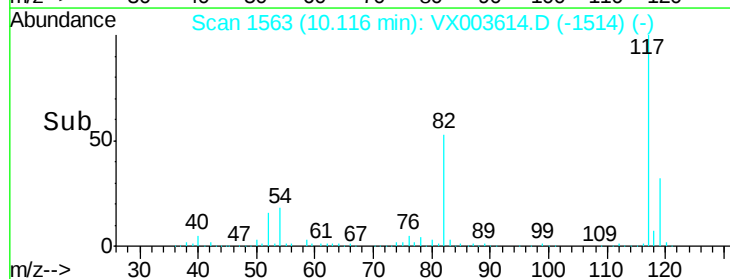
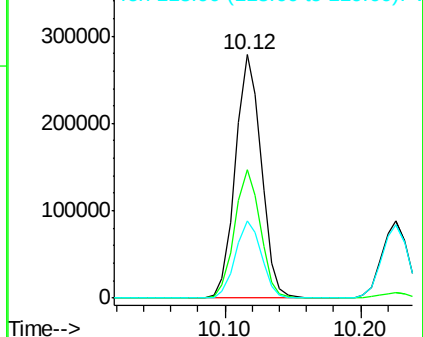
119 31.9 25.8 38.6

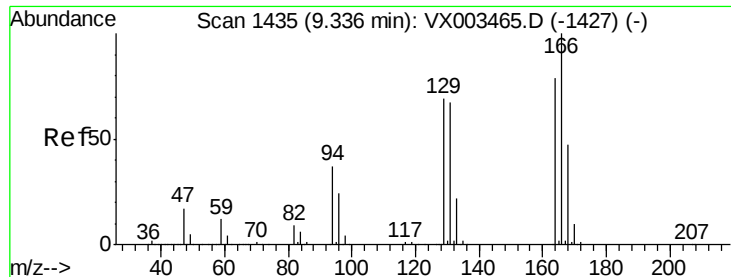


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

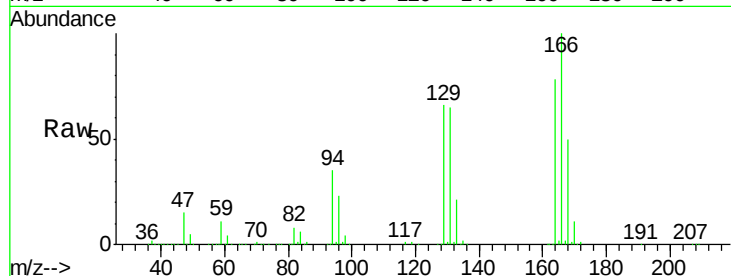




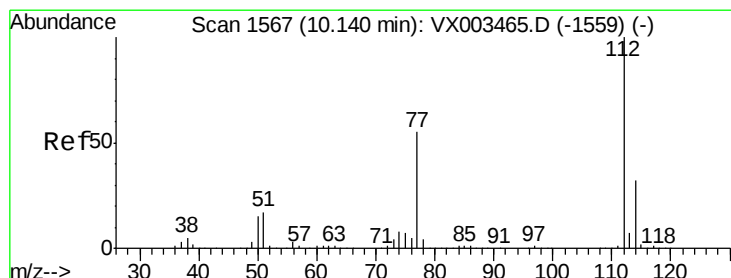
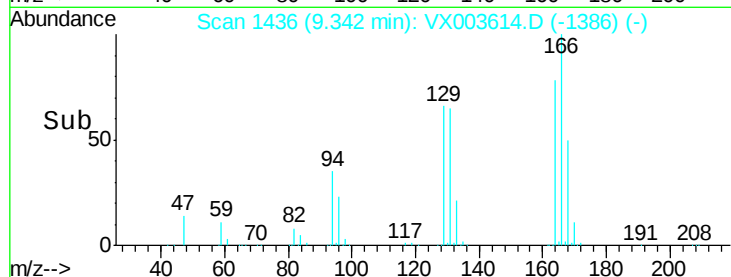
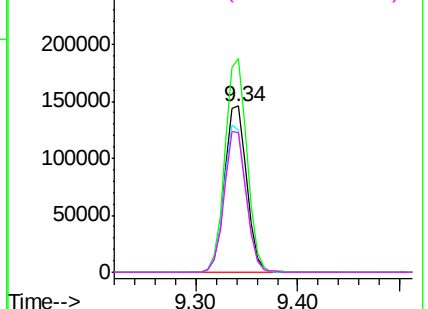
#64
Tetrachloroethene
Concen: 48.531 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MSD

Tgt Ion:164 Resp: 218204
Ion Ratio Lower Upper
164 100
166 128.4 102.9 154.3
129 85.2 68.6 102.8
131 83.7 66.8 100.2

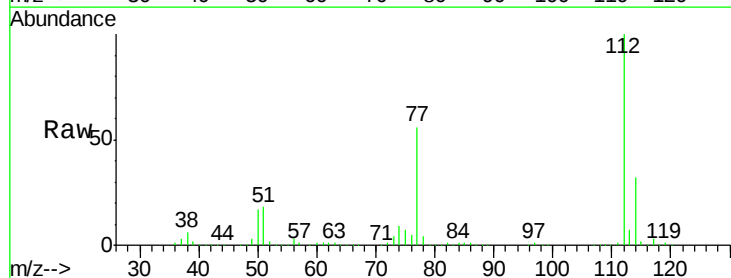


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

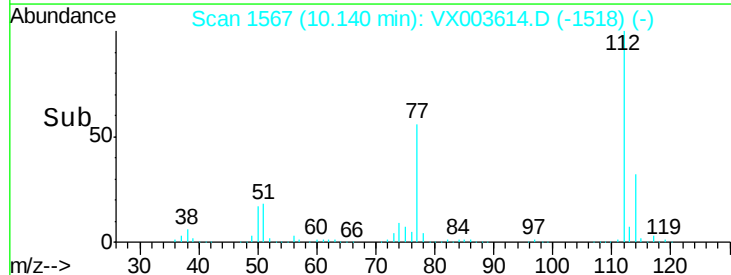
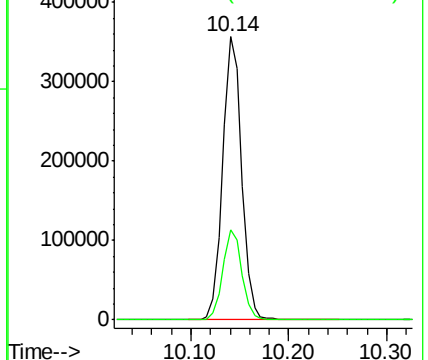


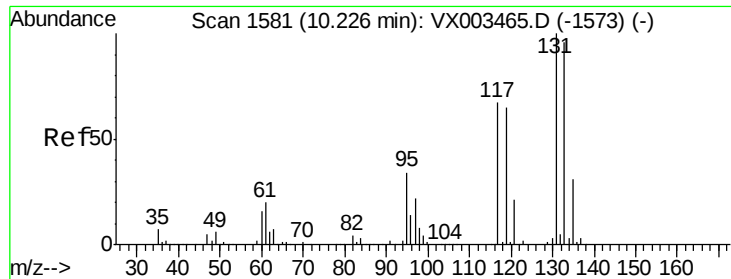
#65
Chlorobenzene
Concen: 50.490 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

Tgt Ion:112 Resp: 480072
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

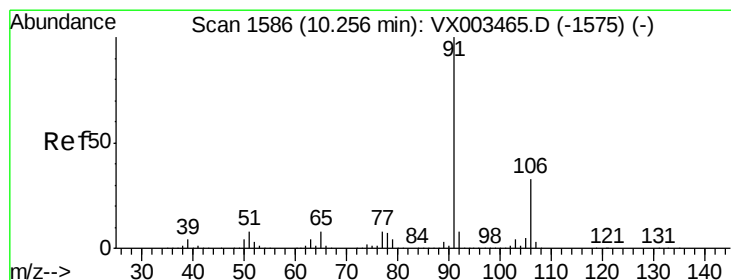
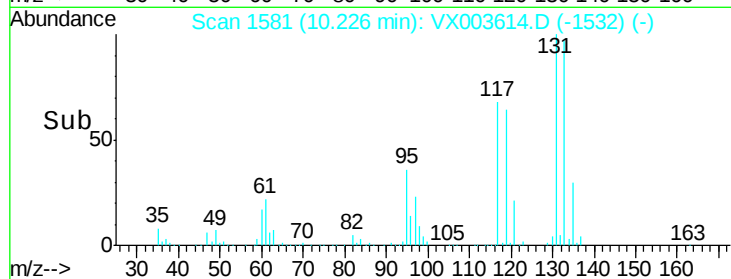
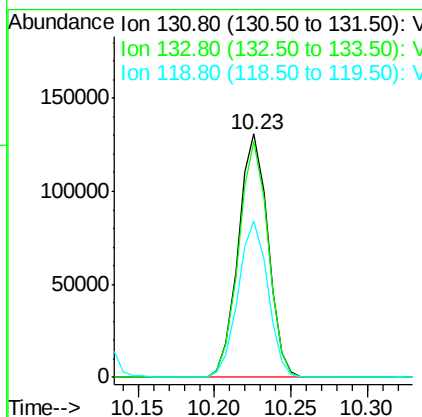
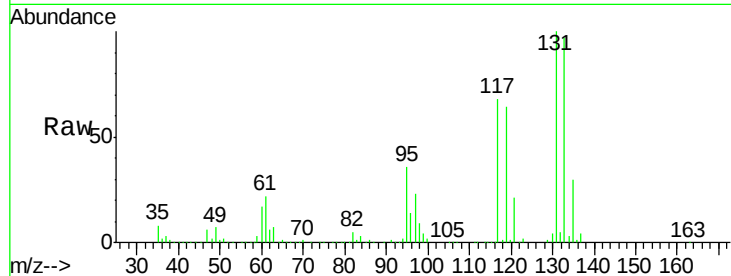




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.992 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

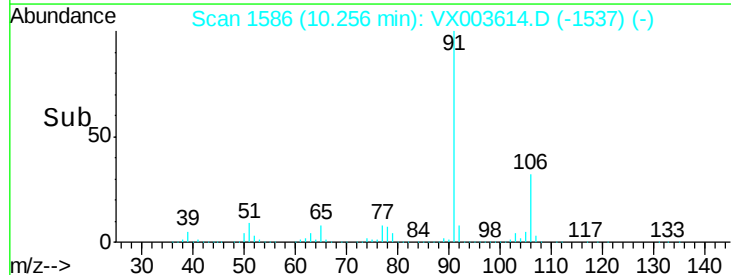
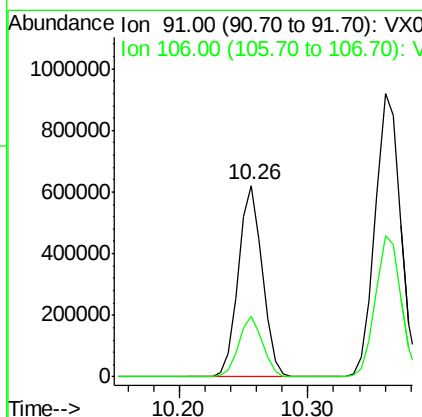
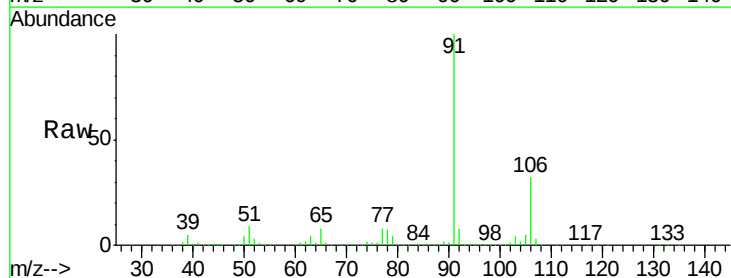
Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MSD

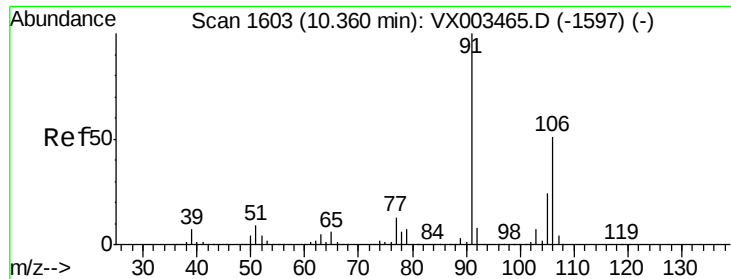
Tgt Ion: 131 Resp: 176630
 Ion Ratio Lower Upper
 131 100
 133 95.9 47.9 143.6
 119 64.3 31.8 95.3



#67
 Ethyl Benzene
 Concen: 52.440 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

Tgt Ion: 91 Resp: 801694
 Ion Ratio Lower Upper
 91 100
 106 31.8 25.5 38.3

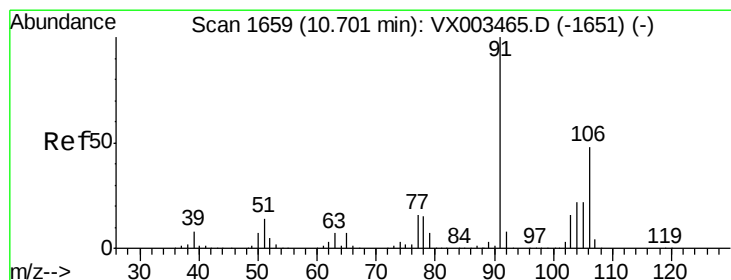
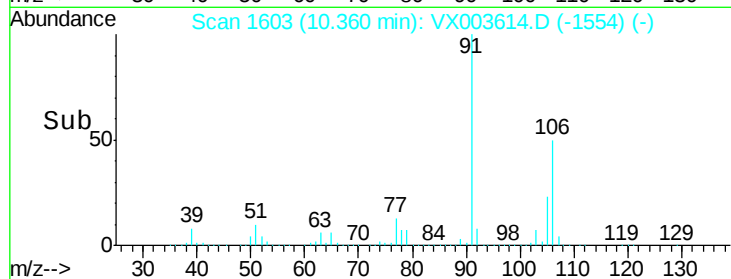
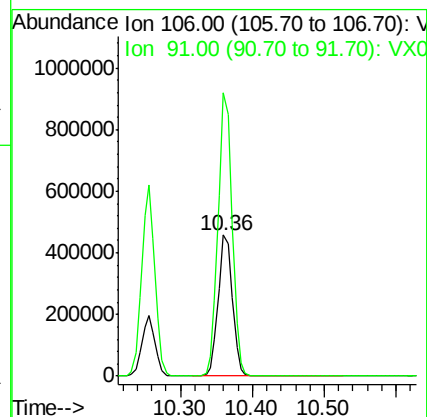
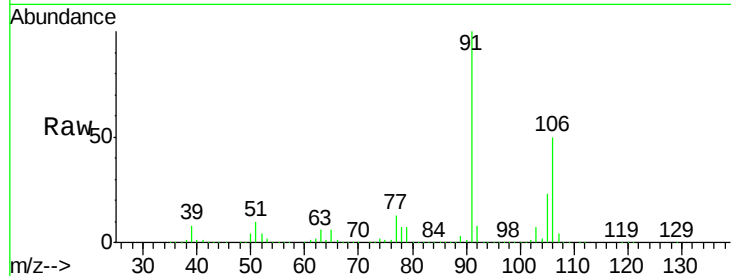




#68
m/p-Xylenes
Concen: 103.858 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

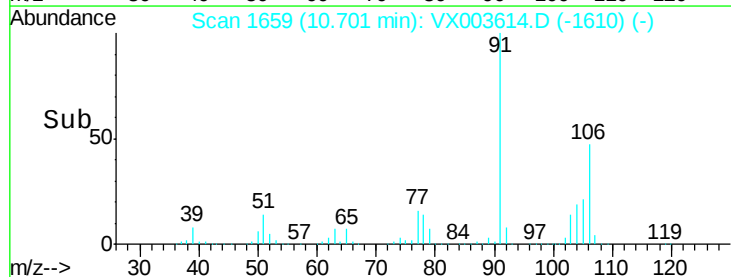
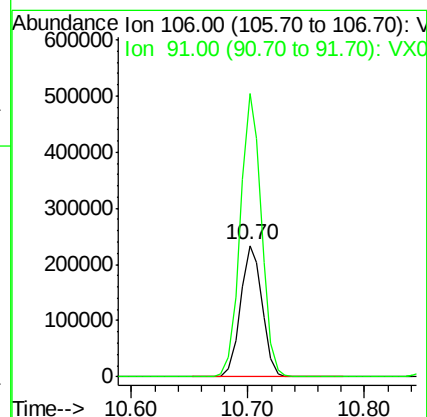
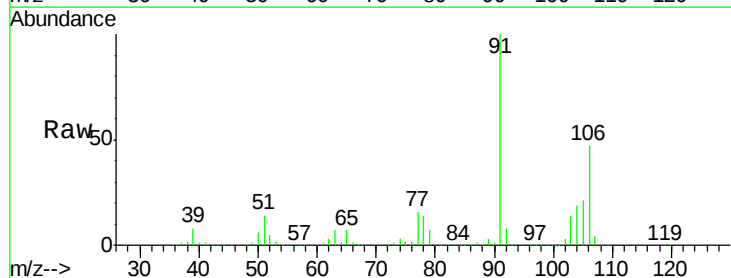
Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MSD

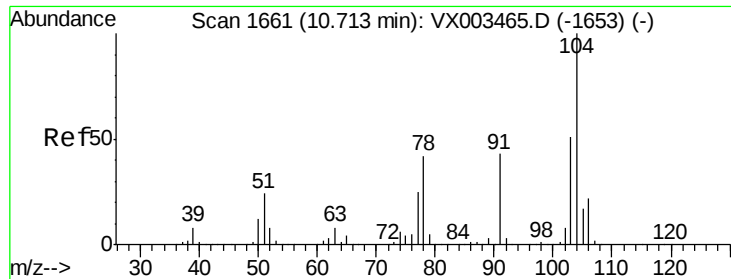
Tgt Ion:106 Resp: 622469
Ion Ratio Lower Upper
106 100
91 199.8 163.4 245.2



#69
o-Xylene
Concen: 52.082 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

Tgt Ion:106 Resp: 301847
Ion Ratio Lower Upper
106 100
91 211.4 108.2 324.6

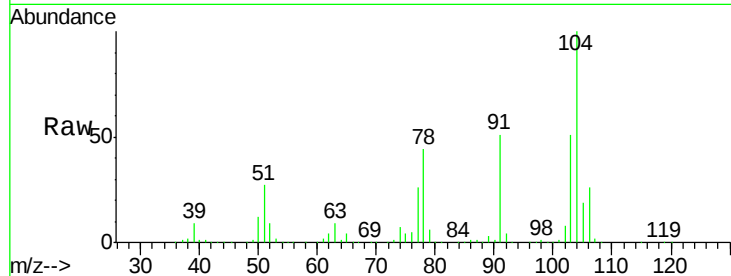




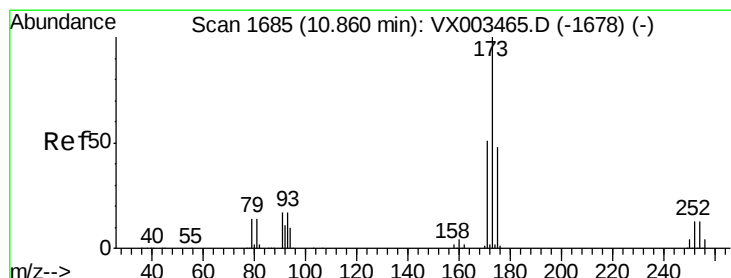
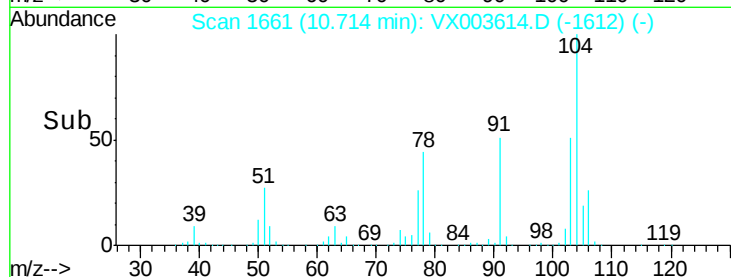
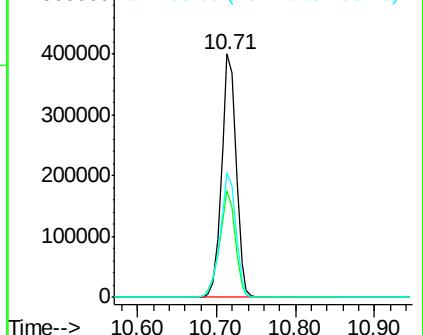
#70
Styrene
Concen: 54.254 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

Instrument :
MSVOA_X
ClientSampled :
YT-MW-7MSD

Tgt Ion:104 Resp: 517213
Ion Ratio Lower Upper
104 100
78 47.1 41.0 61.6
103 54.6 44.2 66.4

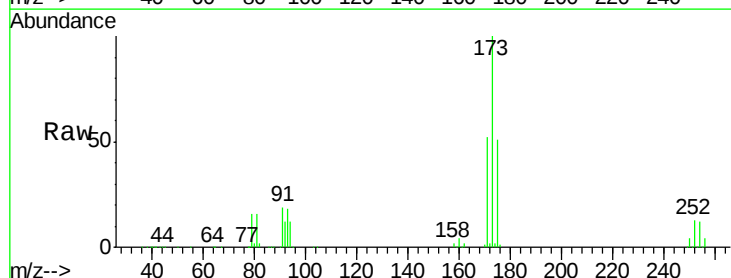


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

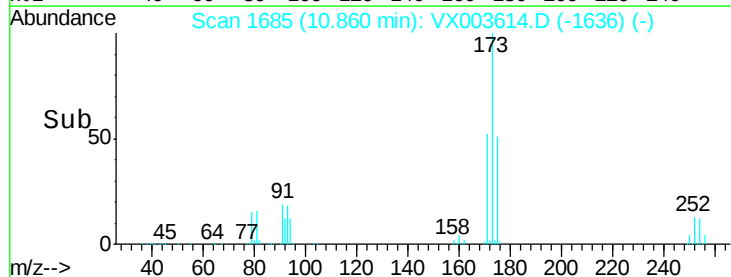
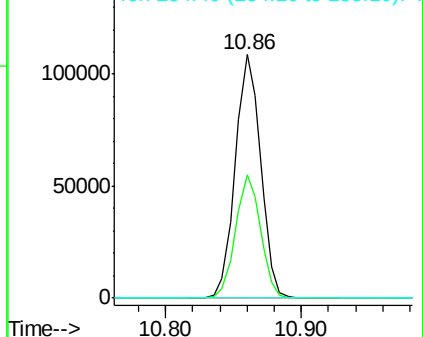


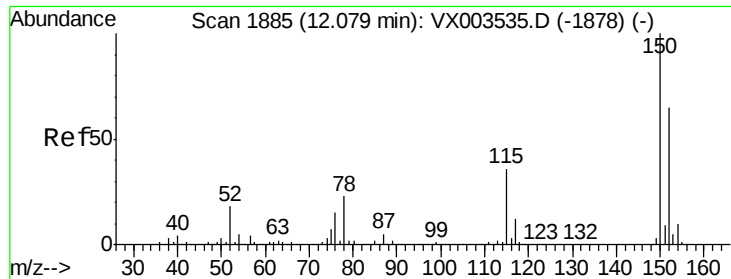
#71
Bromoform
Concen: 55.546 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

Tgt Ion:173 Resp: 141186
Ion Ratio Lower Upper
173 100
175 49.8 24.7 74.1
254 0.1 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: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MSD

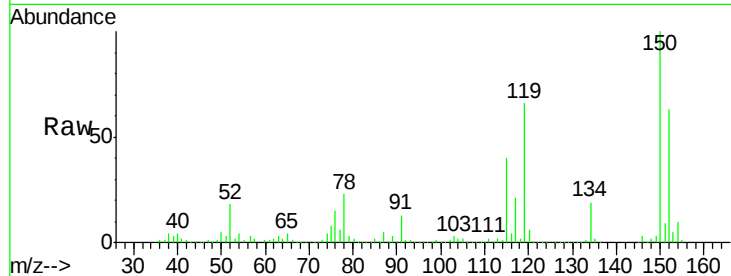
Tgt Ion:152 Resp: 224829

Ion Ratio Lower Upper

152 100

115 77.2 40.1 120.2

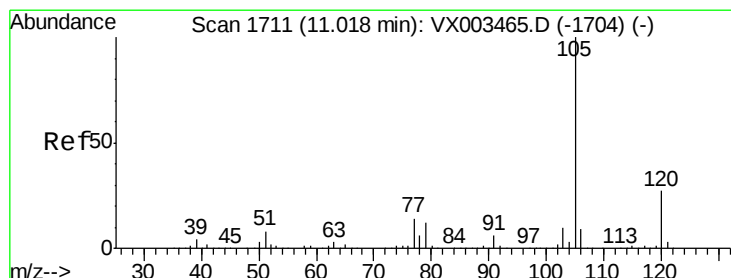
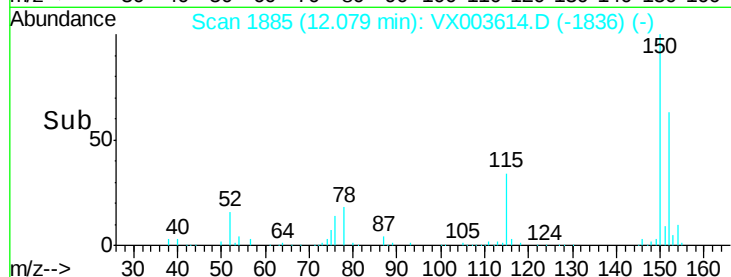
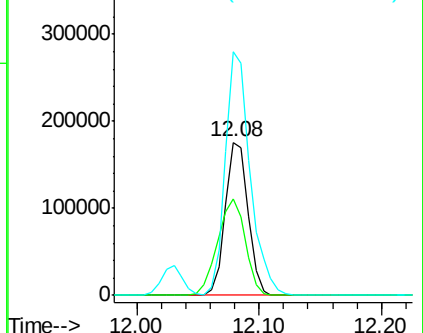
150 174.6 0.0 347.2



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: 52.396 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003614.D

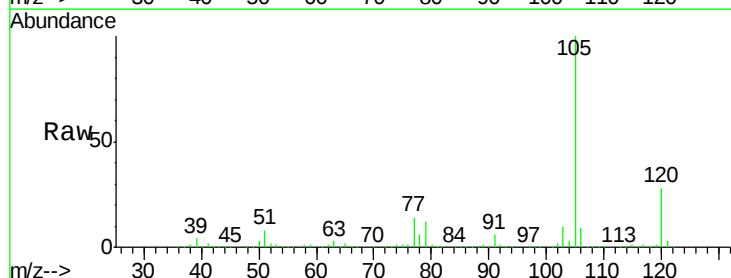
Acq: 23 Jul 2018 19:36

Tgt Ion:105 Resp: 814705

Ion Ratio Lower Upper

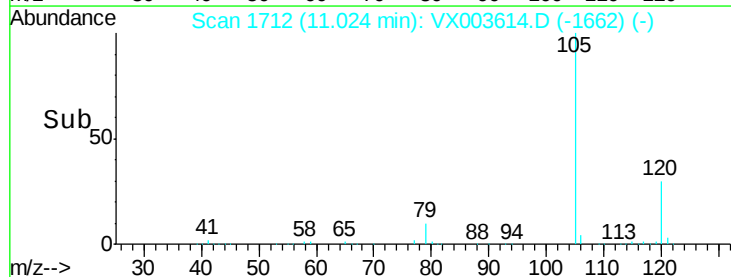
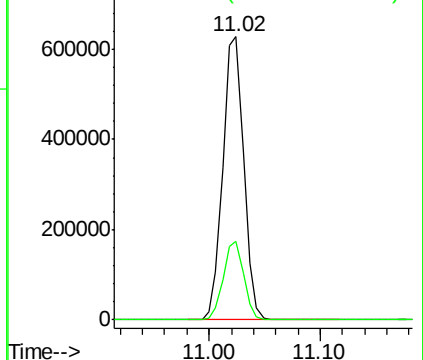
105 100

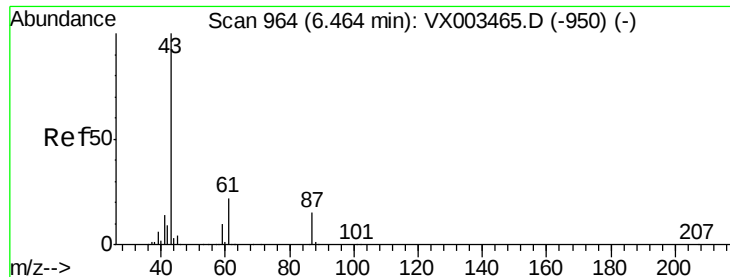
120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 50.426 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MSD

Tgt Ion: 43 Resp: 332931

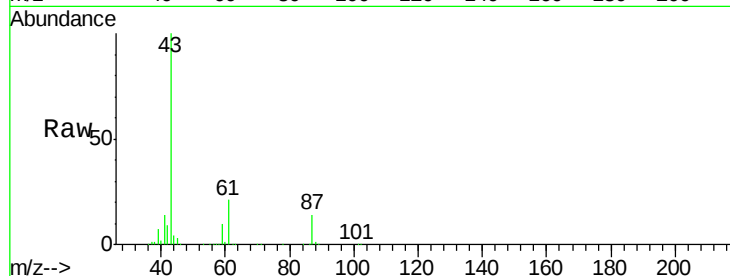
Ion Ratio Lower Upper

43 100

70 0.1 0.0 0.0#

55 0.2 0.0 0.0#

61 21.0 14.4 21.6

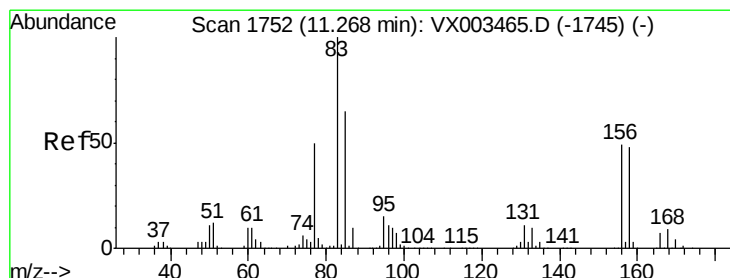
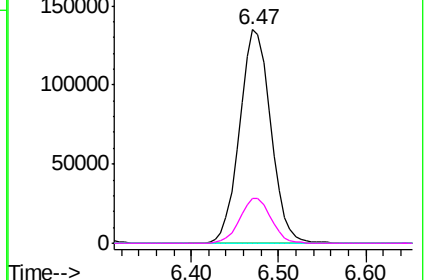
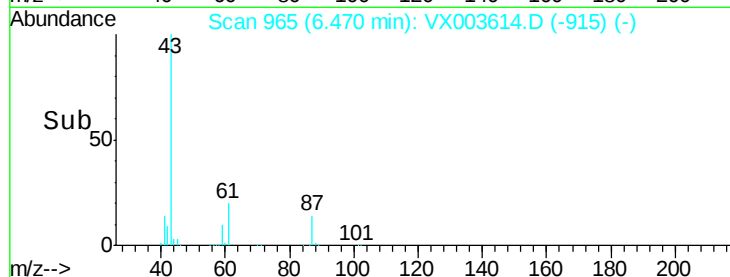


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 54.954 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

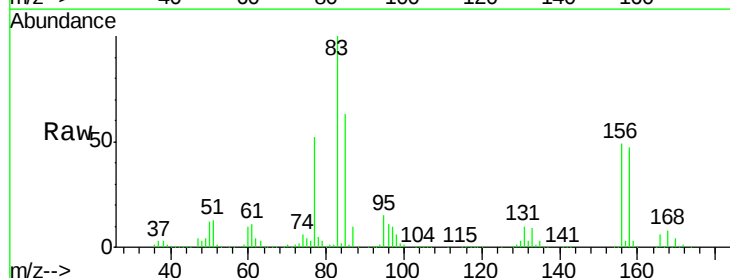
Tgt Ion: 83 Resp: 250399

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

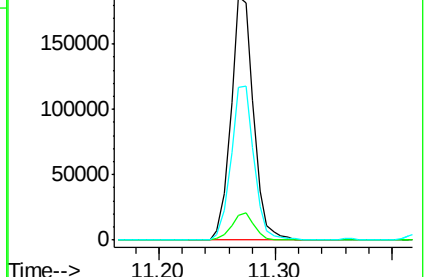
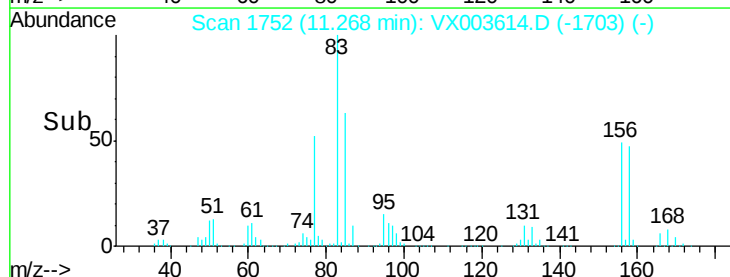
85 64.6 32.4 97.2

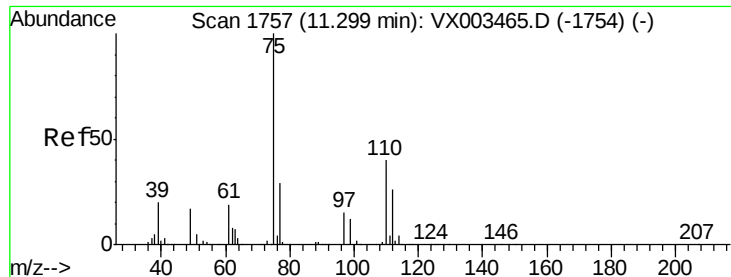


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

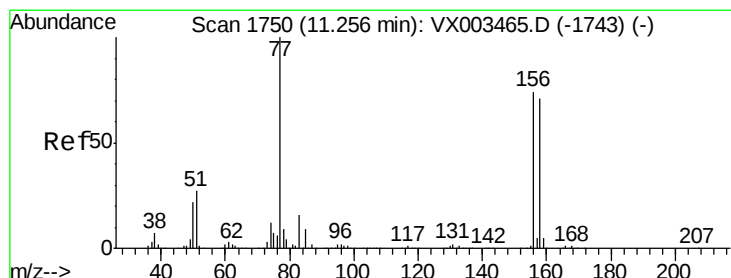
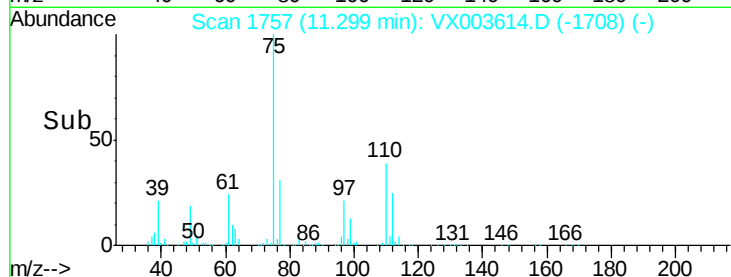
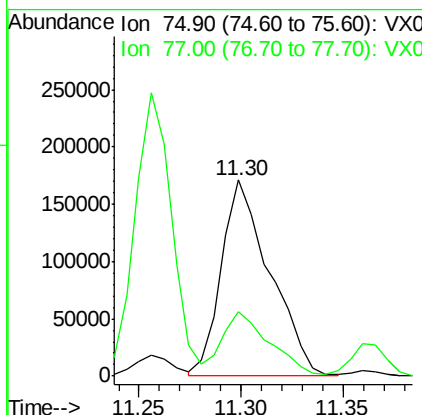
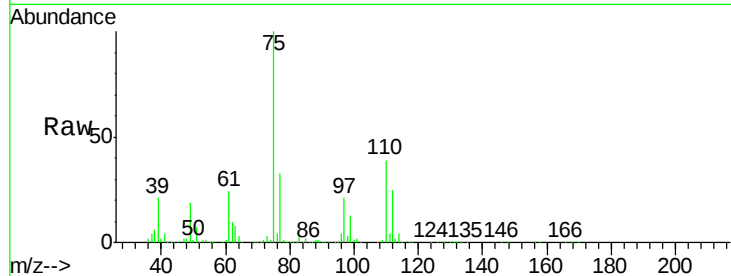




#76
1,2,3-Trichloropropane
Concen: 70.126 ug/l
RT: 11.30 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

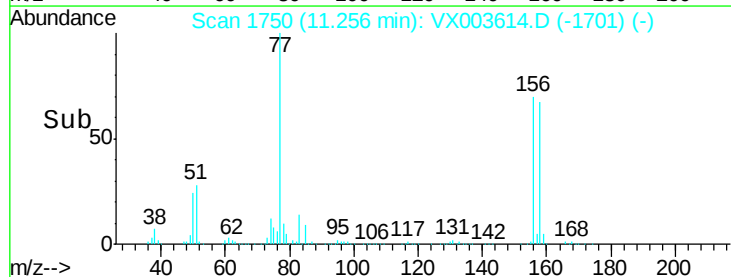
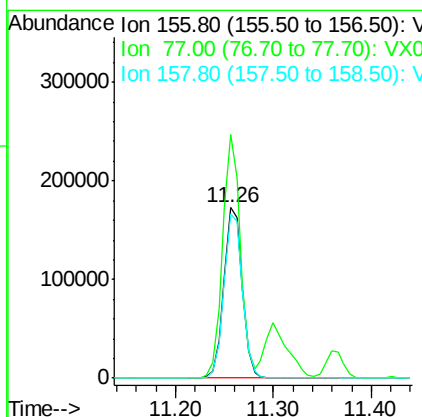
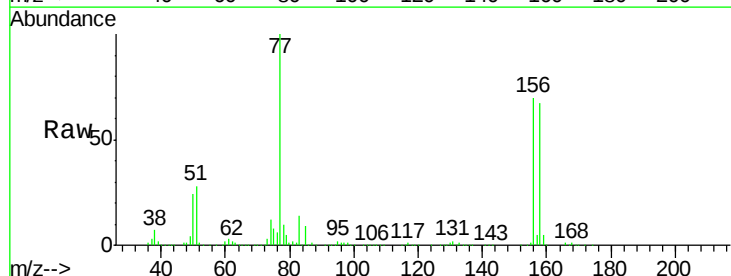
Instrument :
MSVOA_X
ClientSampled :
YT-MW-7MSD

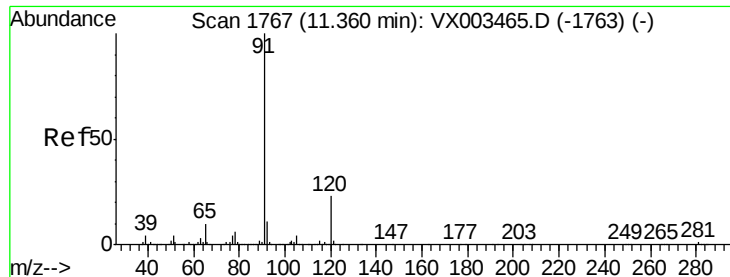
Tgt Ion: 75 Resp: 283239
Ion Ratio Lower Upper
75 100
77 32.0 22.8 68.3



#77
Bromobenzene
Concen: 50.188 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

Tgt Ion: 156 Resp: 224447
Ion Ratio Lower Upper
156 100
77 137.8 71.4 214.2
158 97.1 48.9 146.6





#78

n-propylbenzene

Concen: 52.817 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

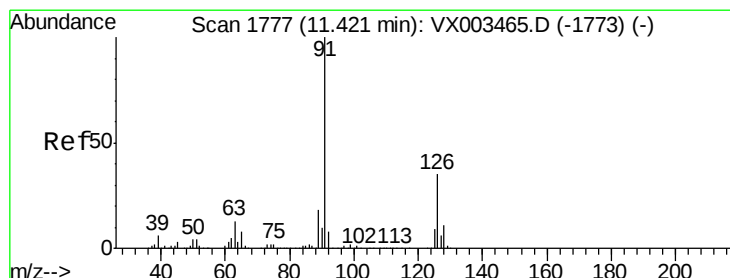
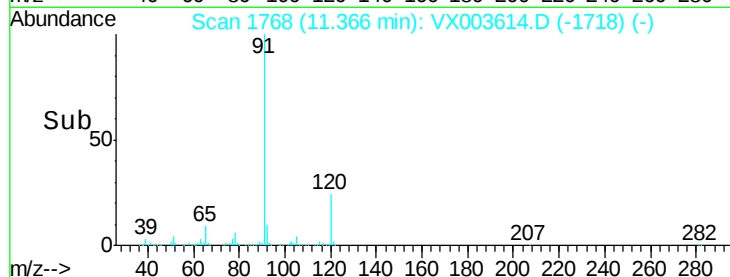
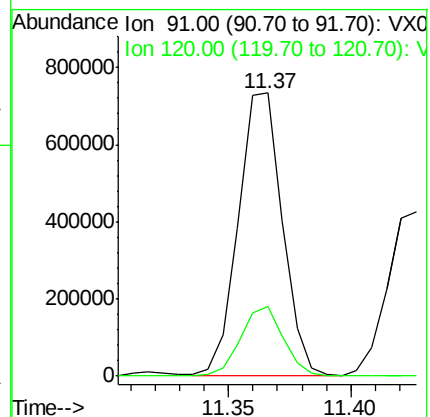
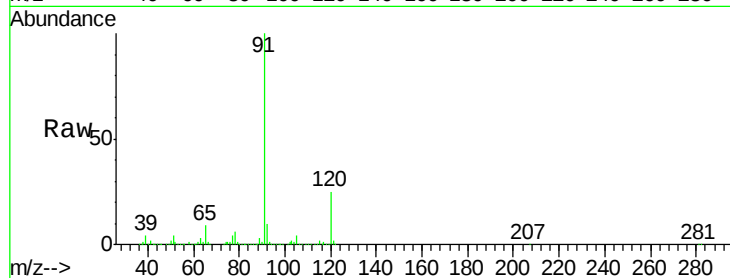
YT-MW-7MSD

Tgt Ion: 91 Resp: 912893

Ion Ratio Lower Upper

91 100

120 24.0 11.8 35.4



#79

2-Chlorotoluene

Concen: 51.594 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.01 min

Lab File: VX003614.D

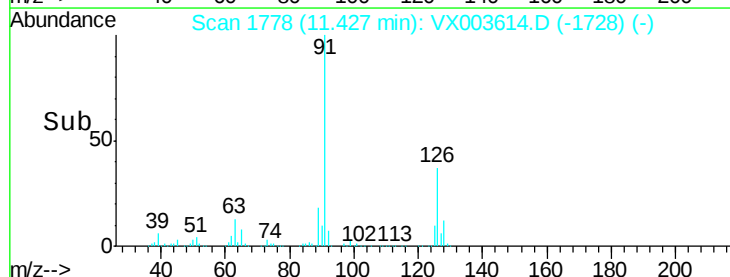
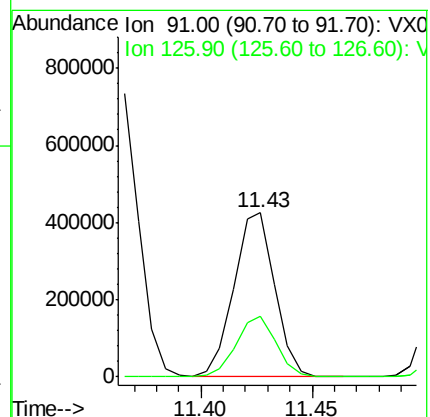
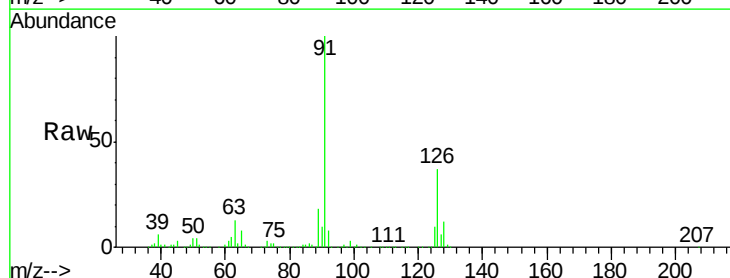
Acq: 23 Jul 2018 19:36

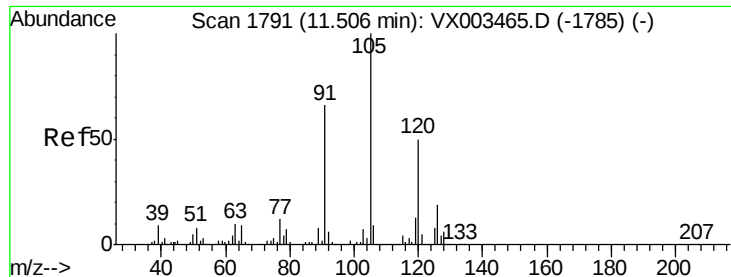
Tgt Ion: 91 Resp: 541357

Ion Ratio Lower Upper

91 100

126 36.0 17.7 53.1

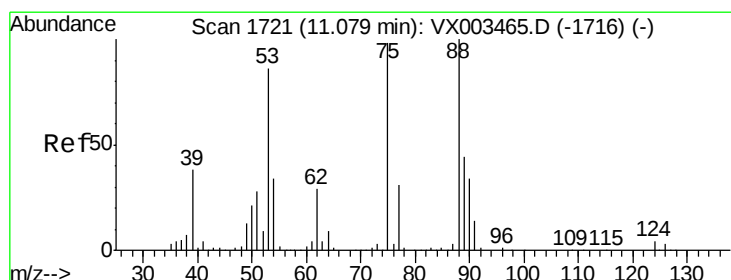
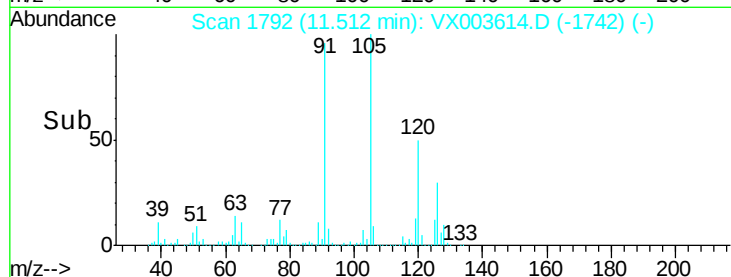
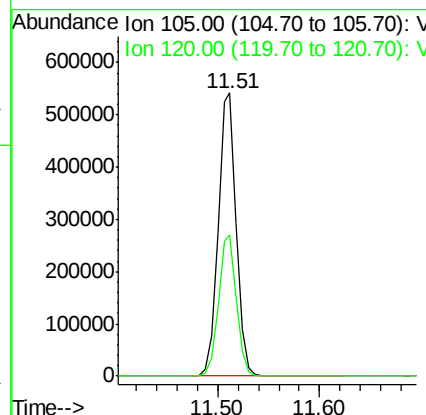
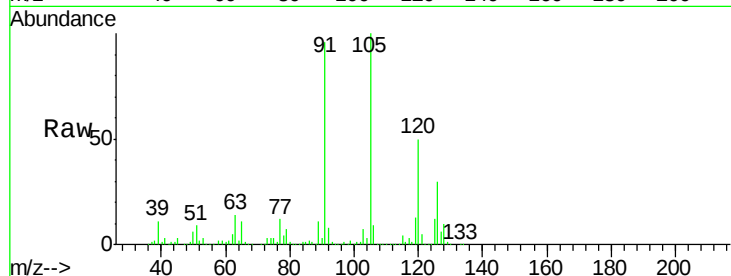




#80
 1,3,5-Trimethylbenzene
 Concen: 52.585 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

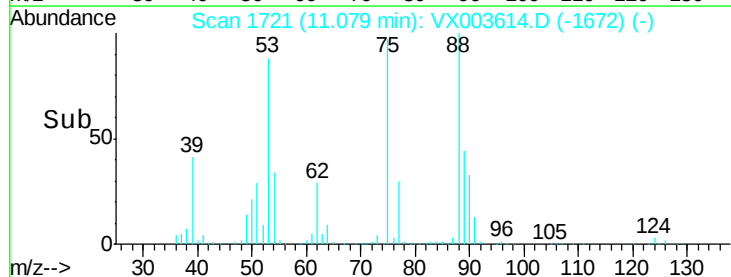
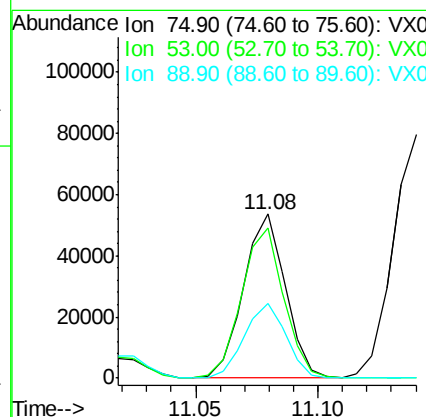
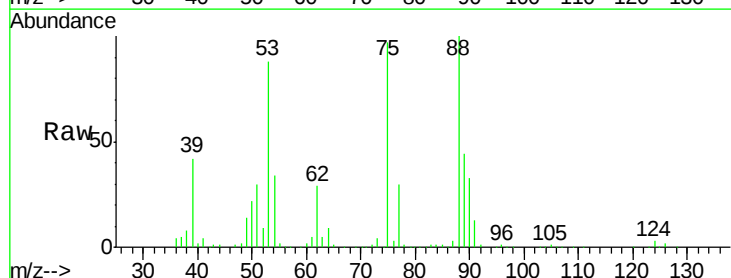
Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MSD

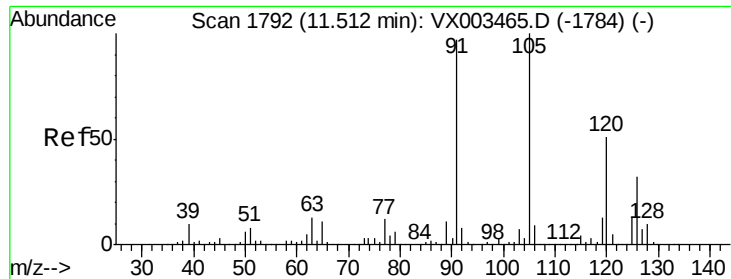
Tgt Ion: 105 Resp: 671980
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.272 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

Tgt Ion: 75 Resp: 64047
 Ion Ratio Lower Upper
 75 100
 53 91.6 86.8 130.2
 89 45.6 38.2 57.2

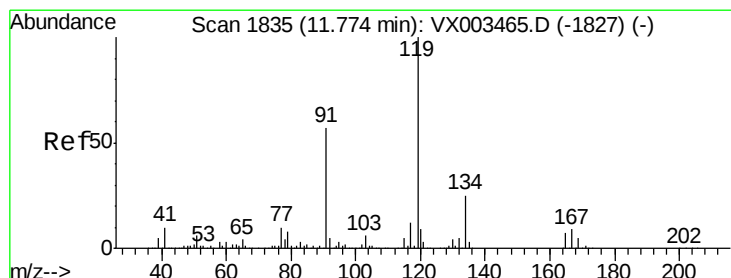
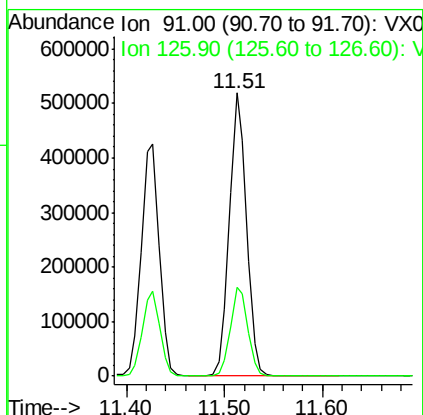
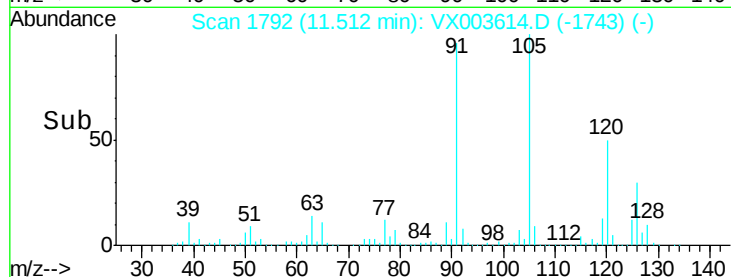
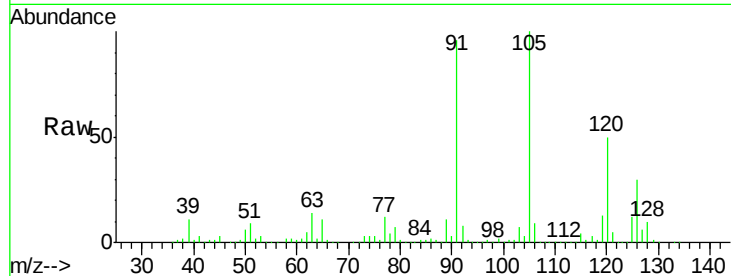




#82
4-Chlorotoluene
Concen: 51.475 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

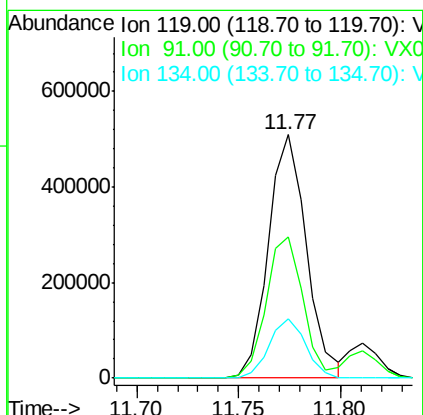
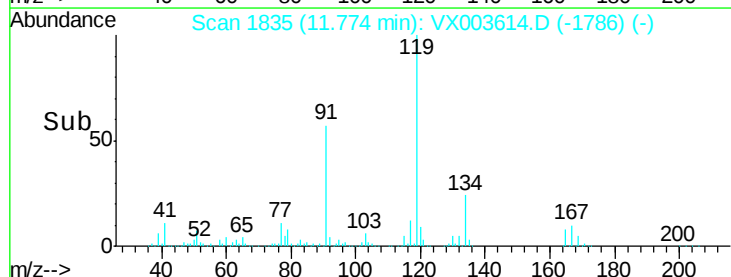
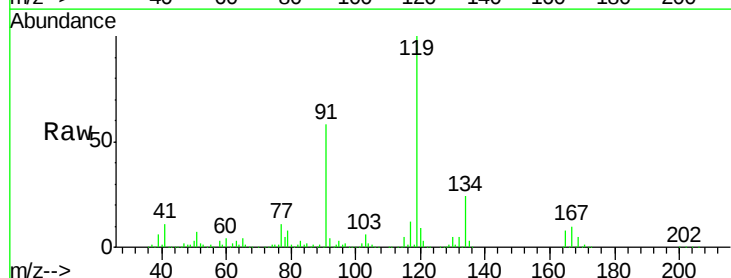
Instrument :
MSVOA_X
ClientSampled :
YT-MW-7MSD

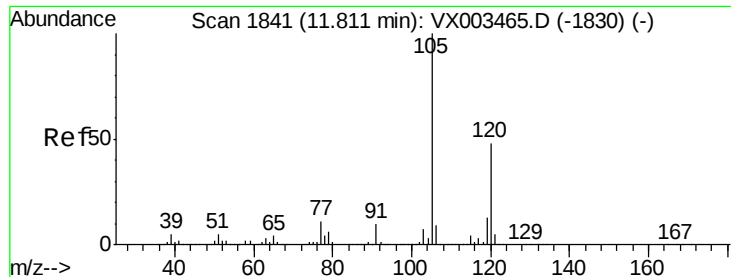
Tgt Ion: 91 Resp: 632881
Ion Ratio Lower Upper
91 100
126 31.9 15.4 46.4



#83
tert-Butylbenzene
Concen: 52.963 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

Tgt Ion: 119 Resp: 662809
Ion Ratio Lower Upper
119 100
91 55.8 30.3 90.9
134 23.5 11.7 35.1

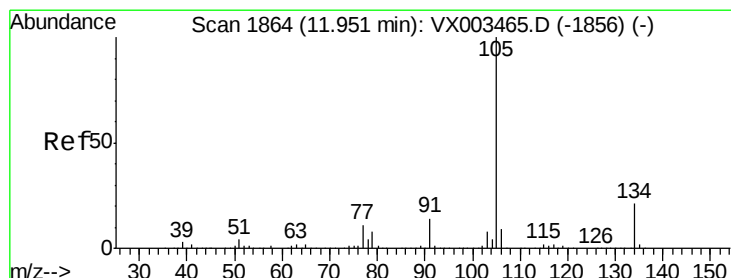
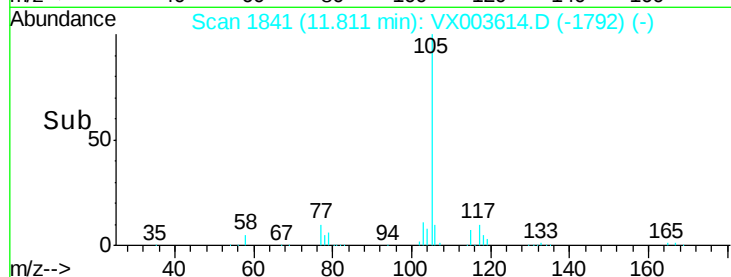
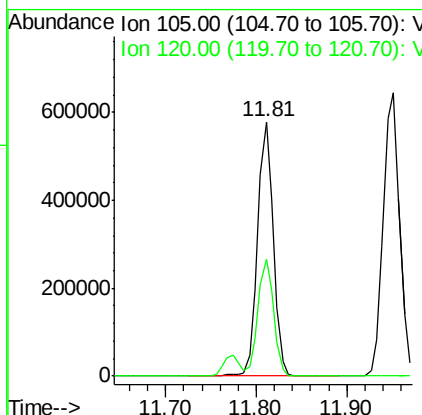
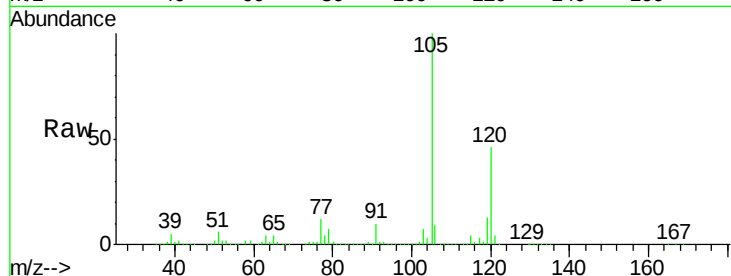




#84
 1,2,4-Trimethylbenzene
 Concen: 53.406 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

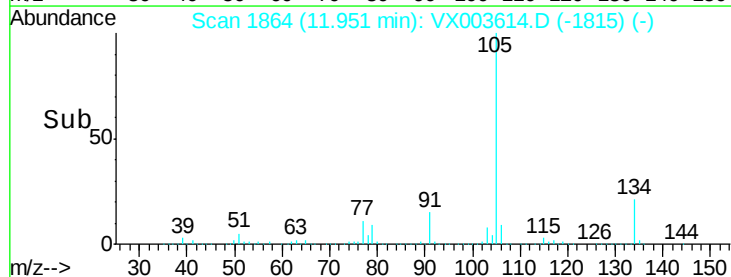
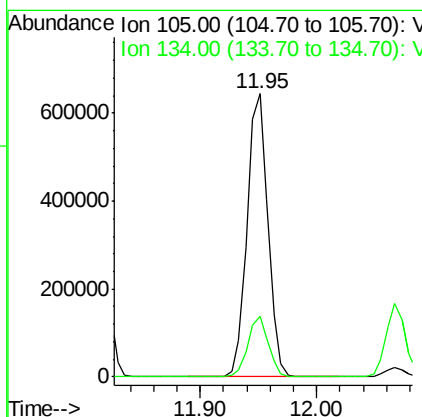
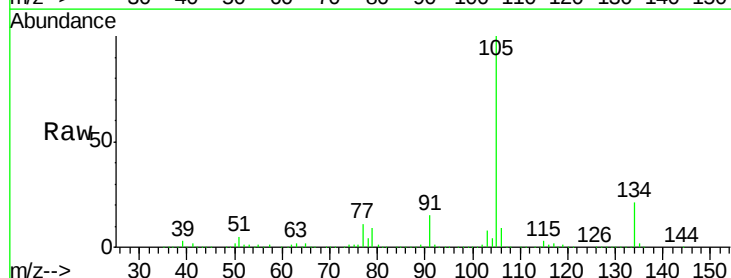
Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MSD

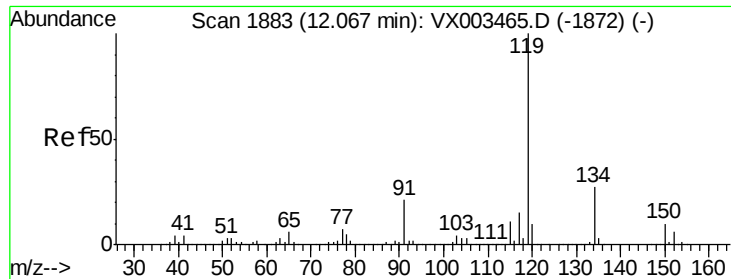
Tgt Ion:105 Resp: 694429
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 53.041 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

Tgt Ion:105 Resp: 806236
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

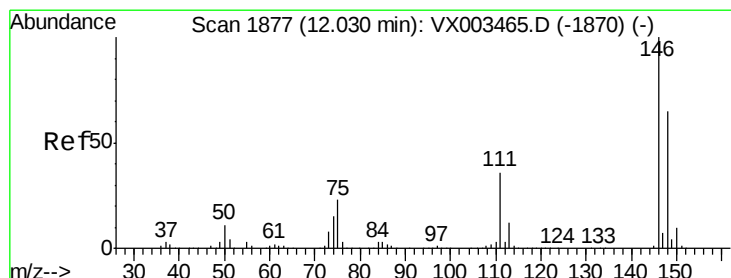
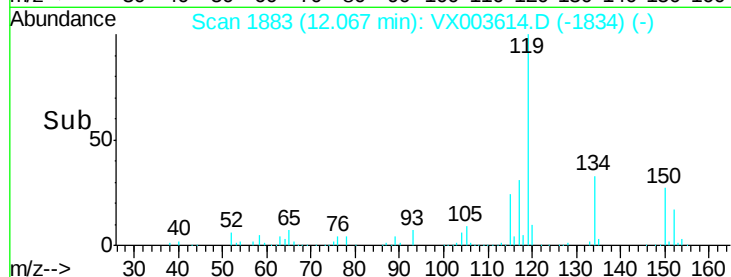
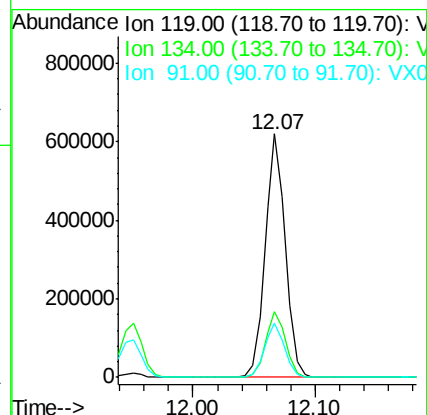
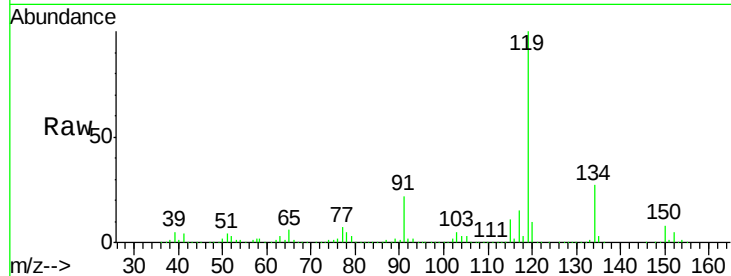




#86
p-Isopropyltoluene
Concen: 52.064 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

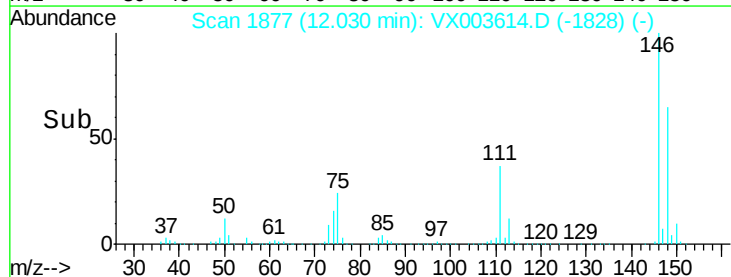
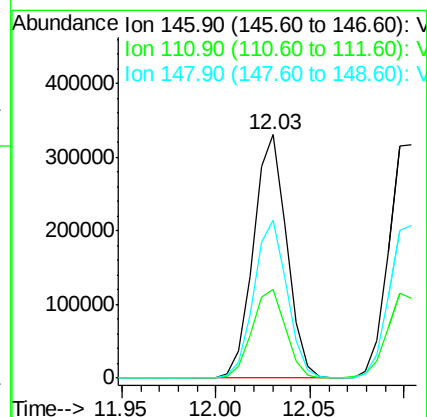
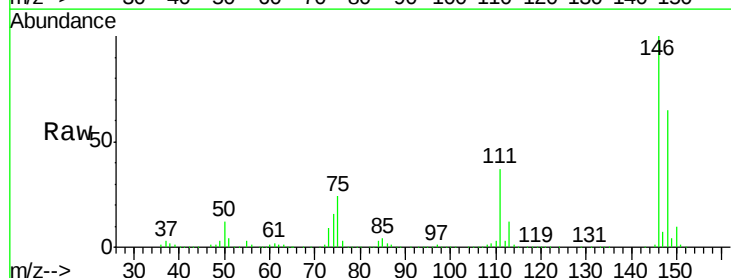
Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MSD

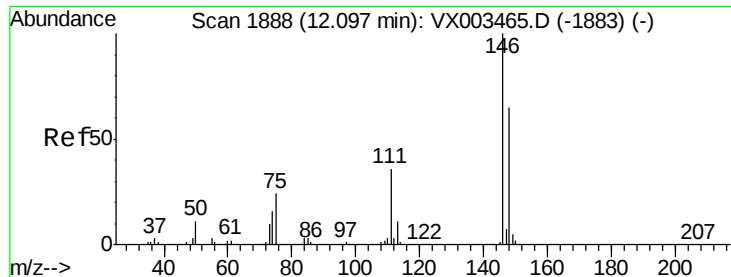
Tgt Ion:119 Resp: 710224
Ion Ratio Lower Upper
119 100
134 27.1 13.4 40.1
91 21.9 11.9 35.7



#87
1,3-Dichlorobenzene
Concen: 49.246 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

Tgt Ion:146 Resp: 404837
Ion Ratio Lower Upper
146 100
111 37.1 18.9 56.7
148 64.4 32.1 96.3

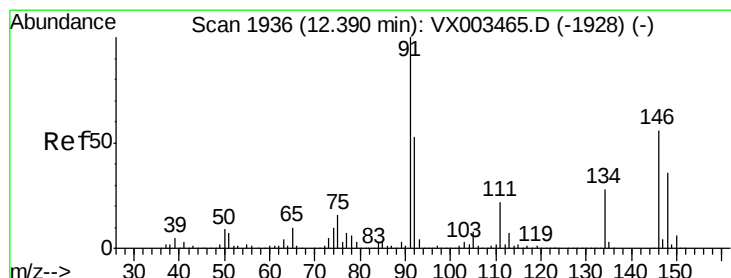
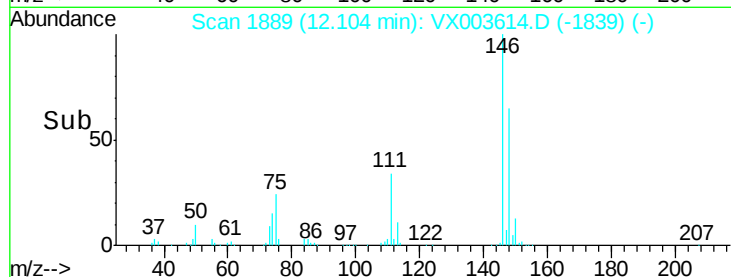
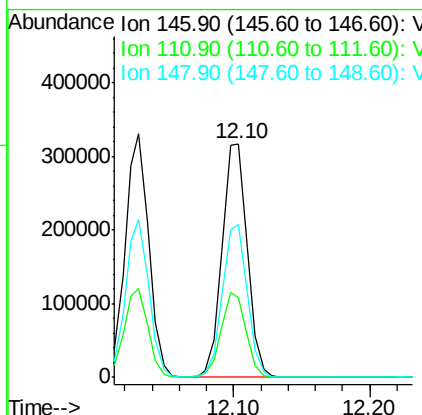
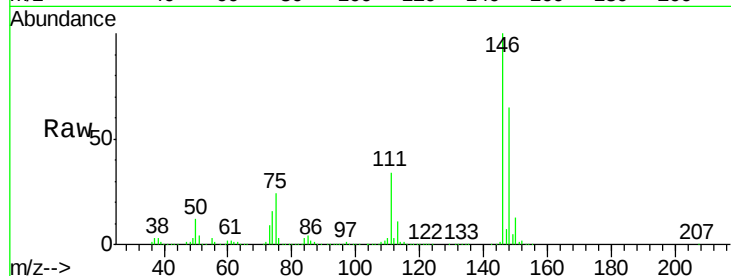




#88
 1,4-Dichlorobenzene
 Concen: 47.904 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

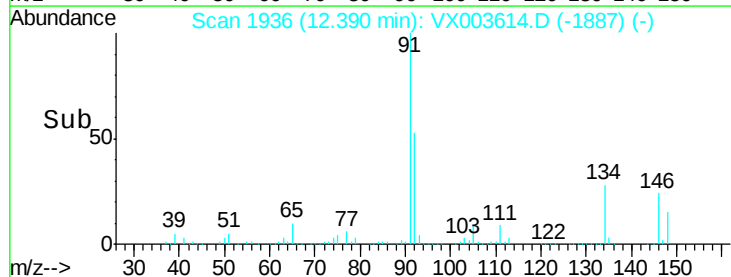
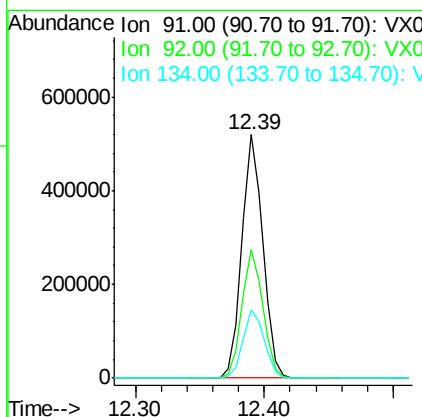
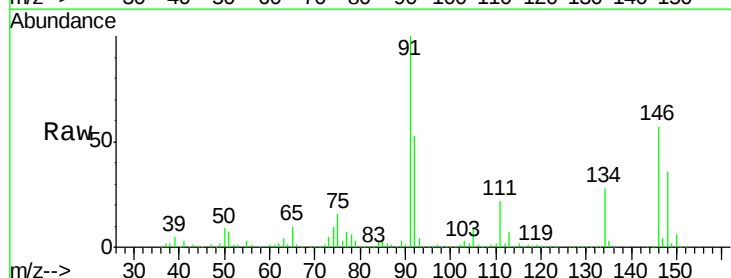
Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MSD

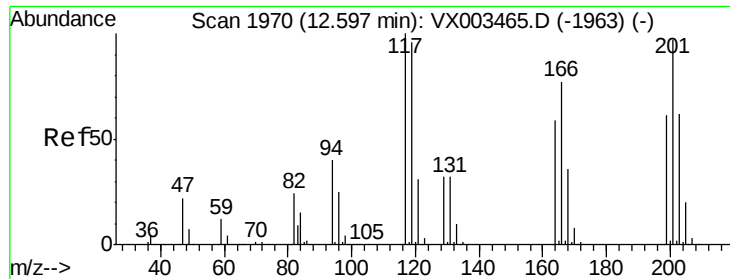
Tgt Ion: 146 Resp: 405669
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.7 56.1
 148 64.6 32.4 97.0



#89
 n-Butylbenzene
 Concen: 50.530 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

Tgt Ion: 91 Resp: 585318
 Ion Ratio Lower Upper
 91 100
 92 52.8 26.0 78.0
 134 28.2 13.5 40.5

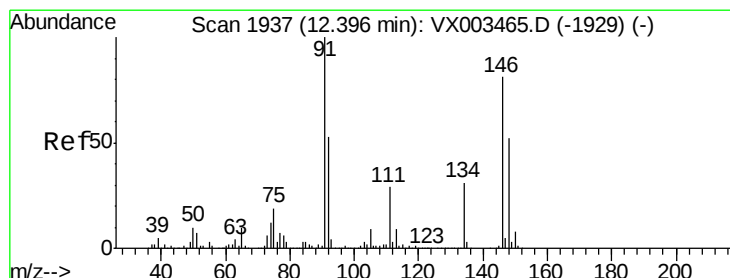
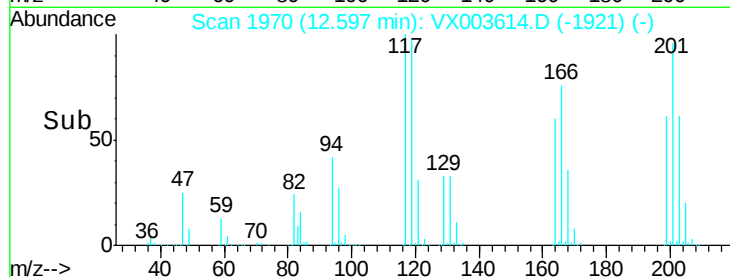
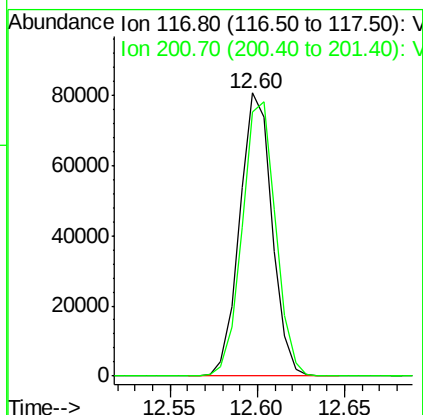
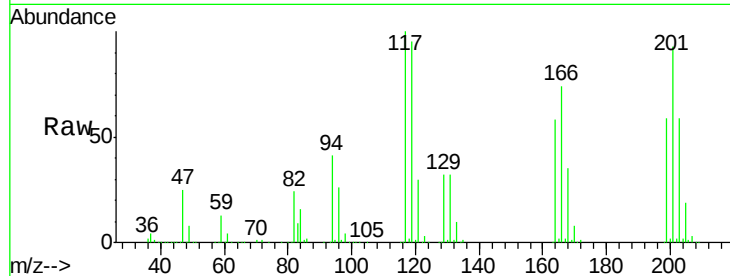




#90
Hexachloroethane
Concen: 53.273 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

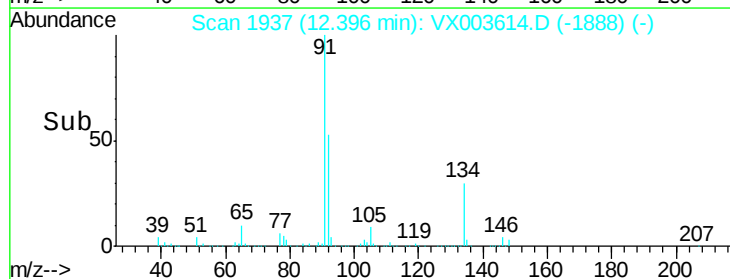
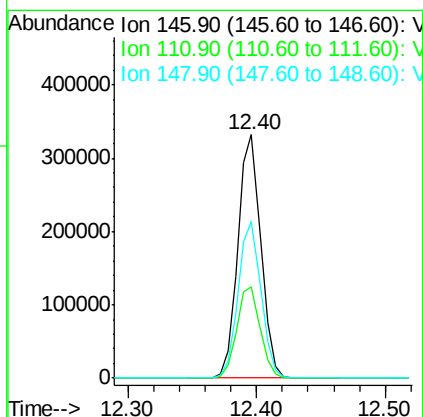
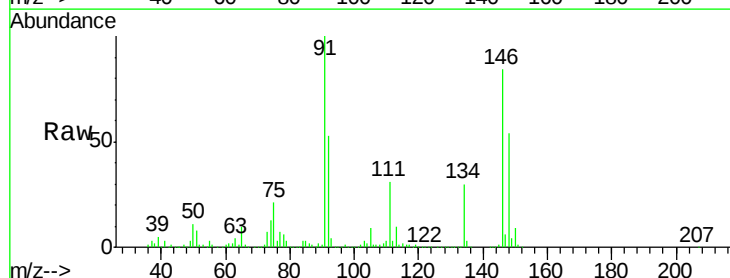
Instrument :
MSVOA_X
ClientSampleId :
YT-MW-7MSD

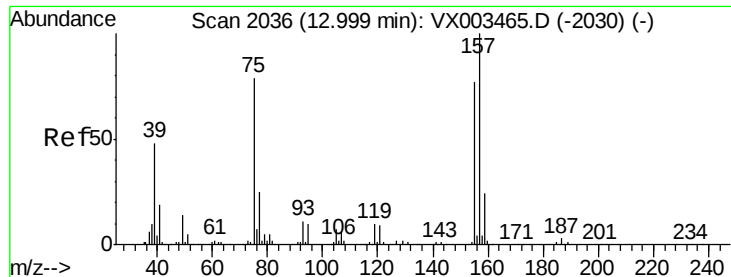
Tgt Ion:117 Resp: 103307
Ion Ratio Lower Upper
117 100
201 99.7 49.0 147.0



#91
1,2-Dichlorobenzene
Concen: 50.811 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003614.D
Acq: 23 Jul 2018 19:36

Tgt Ion:146 Resp: 411687
Ion Ratio Lower Upper
146 100
111 38.2 19.4 58.1
148 64.0 31.7 95.1

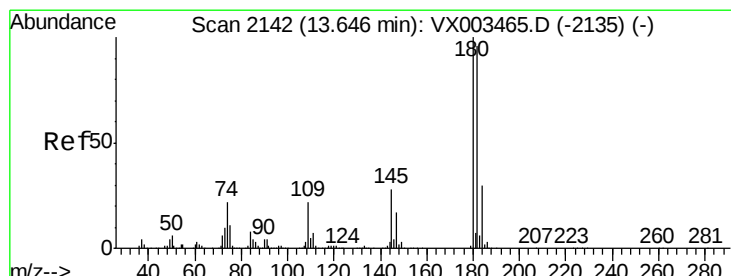
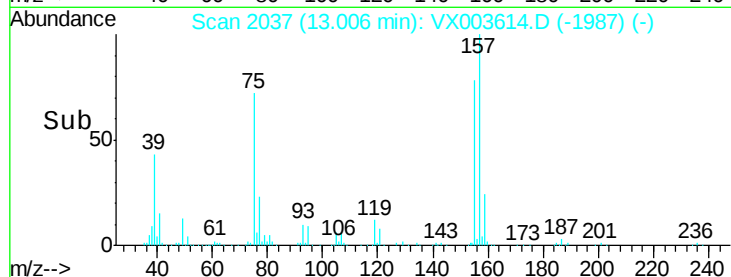
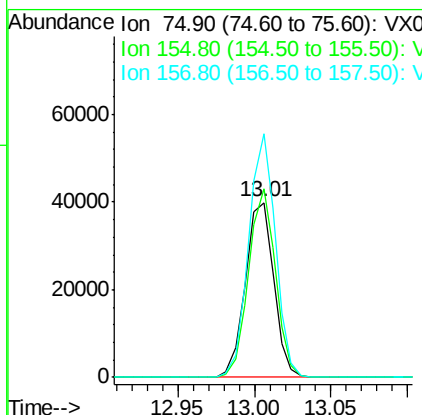
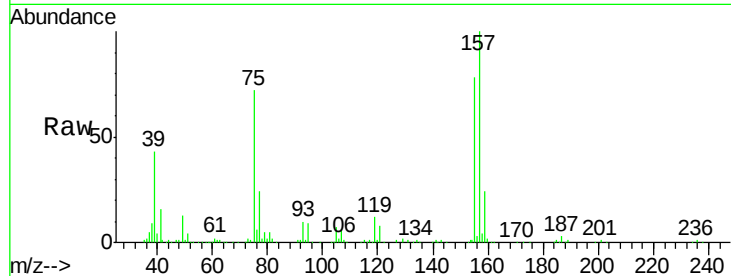




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.190 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

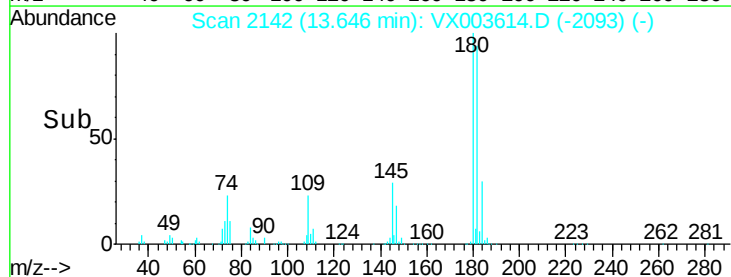
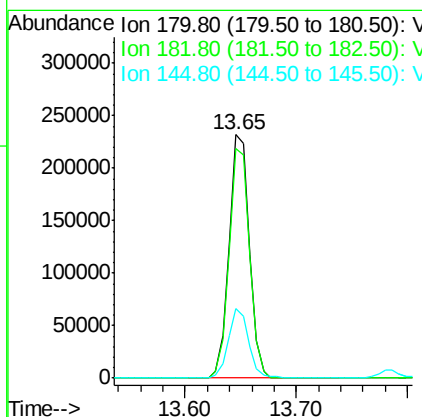
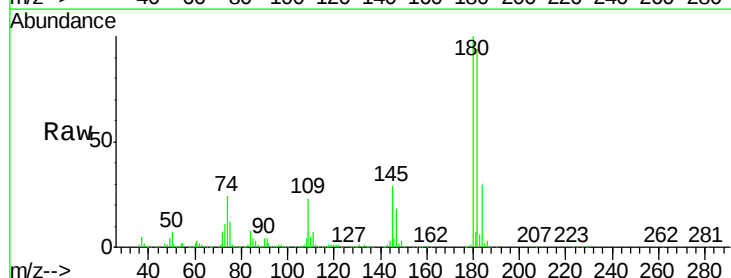
Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MSD

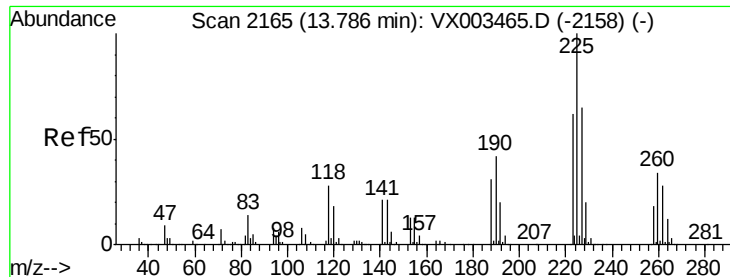
Tgt Ion: 75 Resp: 51600
 Ion Ratio Lower Upper
 75 100
 155 102.0 45.8 137.4
 157 130.8 60.1 180.3



#93
 1,2,4-Trichlorobenzene
 Concen: 49.040 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

Tgt Ion: 180 Resp: 291202
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.7 143.1
 145 28.9 14.1 42.4





#94

Hexachlorobutadiene

Concen: 47.470 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

YT-MW-7MSD

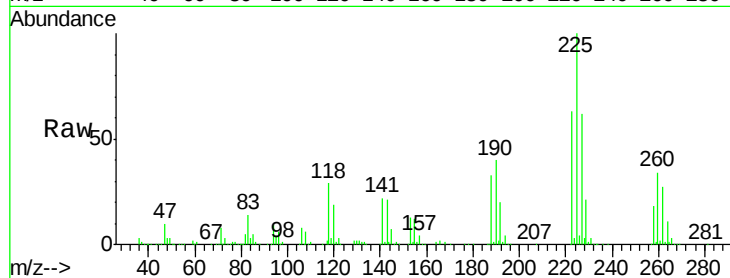
Tgt Ion:225 Resp: 135563

Ion Ratio Lower Upper

225 100

223 62.3 31.6 95.0

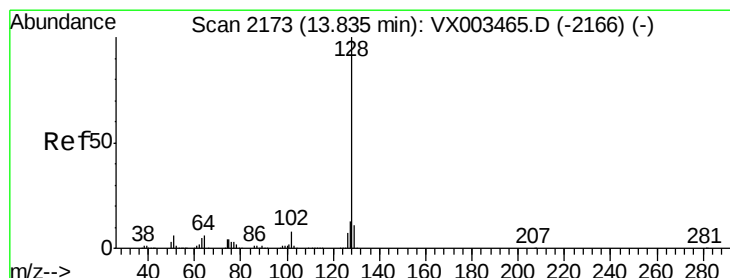
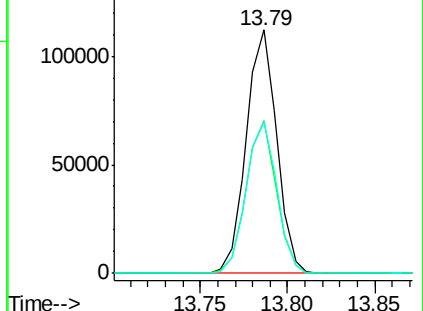
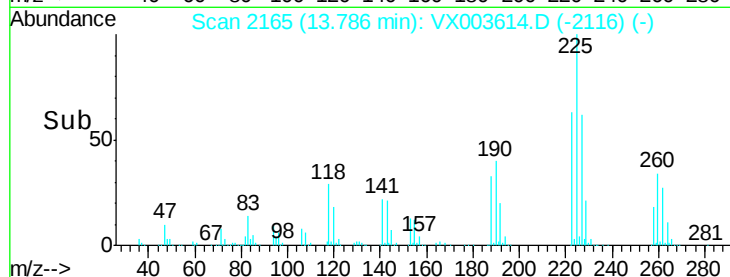
227 62.8 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 55.365 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003614.D

Acq: 23 Jul 2018 19:36

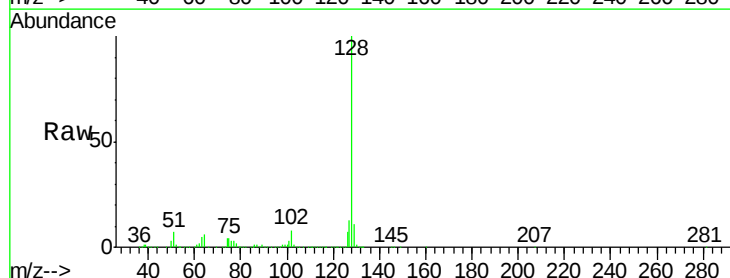
Tgt Ion:128 Resp: 863888

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

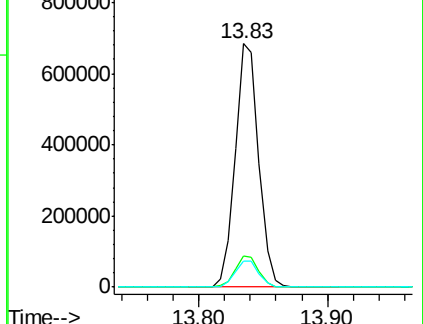
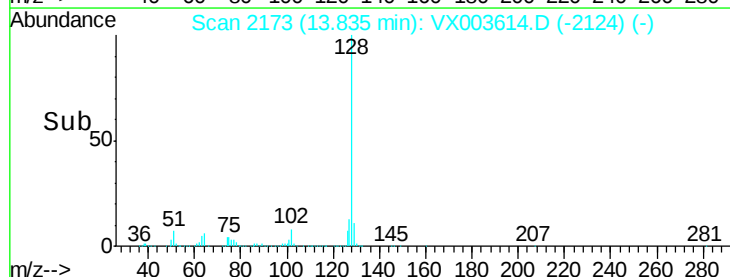
129 11.0 8.6 13.0

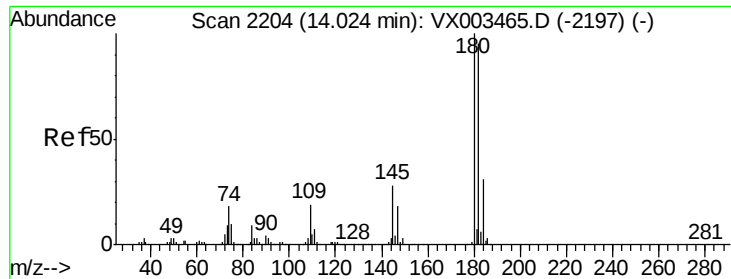


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

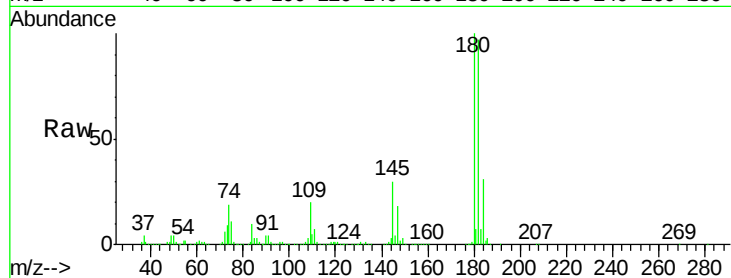




#96
 1,2,3-Trichlorobenzene
 Concen: 50.691 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003614.D
 Acq: 23 Jul 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 YT-MW-7MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.0	144.0
145	30.8	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

