

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002733.D
 Acq On : 20 Jun 2018 10:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 21 03:54:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	313361	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201407	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	147096	42.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.40%	
35) Dibromofluoromethane	5.50	113	116550	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
50) Toluene-d8	8.72	98	424366	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
62) 4-Bromofluorobenzene	11.14	95	166147	46.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	111918	45.96	ug/l	98
3) Chloromethane	1.32	50	115664	39.93	ug/l	98
4) Vinyl Chloride	1.40	62	127251	42.33	ug/l	98
5) Bromomethane	1.64	94	68481	37.75	ug/l	100
6) Chloroethane	1.71	64	85316	43.06	ug/l	100
7) Trichlorofluoromethane	1.92	101	218740	44.79	ug/l	98
8) Diethyl Ether	2.19	74	81665	43.96	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	124943	45.77	ug/l	99
10) Methyl Iodide	2.51	142	137625	38.66	ug/l	98
11) Tert butyl alcohol	3.07	59	139088	193.00	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107991	42.13	ug/l	97
13) Acrolein	2.29	56	98677	290.92	ug/l	99
14) Allyl chloride	2.73	41	220266	43.28	ug/l	99
15) Acrylonitrile	3.15	53	328717	209.03	ug/l	100
16) Acetone	2.45	43	347993	226.26	ug/l	100
17) Carbon Disulfide	2.57	76	286187	47.07	ug/l	99
18) Methyl Acetate	2.78	43	178451	43.55	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	419798	43.66	ug/l	100
20) Methylene Chloride	2.85	84	127628	40.47	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	118719	42.69	ug/l	98
22) Diisopropyl ether	3.87	45	435910	47.34	ug/l	97
23) Vinyl Acetate	3.82	43	1907435	247.50	ug/l	100
24) 1,1-Dichloroethane	3.70	63	231017	46.23	ug/l	100
25) 2-Butanone	4.71	43	459385	227.44	ug/l	98
26) 2,2-Dichloropropane	4.59	77	171371	47.72	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	131054	46.32	ug/l	93
28) Bromochloromethane	5.02	49	100990	43.15	ug/l	96
29) Tetrahydrofuran	5.16	42	286976	216.79	ug/l	97
30) Chloroform	5.21	83	230555	47.84	ug/l	99
31) Cyclohexane	5.57	56	186938	45.43	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	194905	48.36	ug/l	99
36) 1,1-Dichloropropene	5.80	75	163673	49.18	ug/l	99
37) Ethyl Acetate	4.86	43	178208	47.31	ug/l	99
38) Carbon Tetrachloride	5.78	117	175689	53.01	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002733.D
 Acq On : 20 Jun 2018 10:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 21 03:54:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	194402	49.97	ug/l	97
40) Benzene	6.15	78	485526	48.65	ug/l	99
41) Methacrylonitrile	5.06	41	102808	48.34	ug/l	98
42) 1,2-Dichloroethane	6.20	62	194551	50.36	ug/l	100
43) Isopropyl Acetate	6.46	43	299768	48.03	ug/l	99
44) Trichloroethene	7.21	130	142555	49.49	ug/l	100
45) 1,2-Dichloropropane	7.52	63	130029	49.51	ug/l	100
46) Dibromomethane	7.67	93	90665	51.61	ug/l	97
47) Bromodichloromethane	7.90	83	168940	54.52	ug/l	97
48) Methyl methacrylate	7.78	41	157552	49.40	ug/l	98
49) 1,4-Dioxane	7.76	88	52253	865.15	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	967799	241.51	ug/l	99
52) Toluene	8.79	92	315190	49.51	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	201449	49.16	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	188919	48.39	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	133941	52.07	ug/l	98
56) Ethyl methacrylate	9.18	69	201554	50.92	ug/l	98
57) 1,3-Dichloropropane	9.37	76	217890	50.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	440236	229.94	ug/l	99
59) 2-Hexanone	9.50	43	739272	244.82	ug/l	98
60) Dibromochloromethane	9.59	129	140500	48.67	ug/l	99
61) 1,2-Dibromoethane	9.68	107	141271	53.03	ug/l	99
64) Tetrachloroethene	9.34	164	156316	45.95	ug/l	97
65) Chlorobenzene	10.14	112	371687	49.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	136925	53.36	ug/l	99
67) Ethyl Benzene	10.26	91	626607	49.36	ug/l	98
68) m/p-Xylenes	10.36	106	490077	100.08	ug/l	99
69) o-Xylene	10.70	106	239414	49.76	ug/l	98
70) Styrene	10.71	104	406097	51.32	ug/l	99
71) Bromoform	10.86	173	110871	47.71	ug/l	99
73) Isopropylbenzene	11.02	105	643573	47.78	ug/l	100
74) N-amyl acetate	6.46	43	299768	44.79	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	199756	50.22	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	230042	60.53	ug/l	80
77) Bromobenzene	11.26	156	183986	49.03	ug/l	96
78) n-propylbenzene	11.37	91	741492	48.00	ug/l	99
79) 2-Chlorotoluene	11.43	91	437752	47.46	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	552451	48.53	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	54789	46.45	ug/l	97
82) 4-Chlorotoluene	11.51	91	530344	48.73	ug/l	99
83) tert-Butylbenzene	11.77	119	533182	48.62	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	574555	49.46	ug/l	99
85) sec-Butylbenzene	11.95	105	656716	48.16	ug/l	100
86) p-Isopropyltoluene	12.07	119	608064	49.28	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	335982	48.82	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	344878	49.25	ug/l	98
89) n-Butylbenzene	12.39	91	532627	48.93	ug/l	100
90) Hexachloroethane	12.60	117	86255	45.12	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	339728	49.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	42736	51.29	ug/l	96

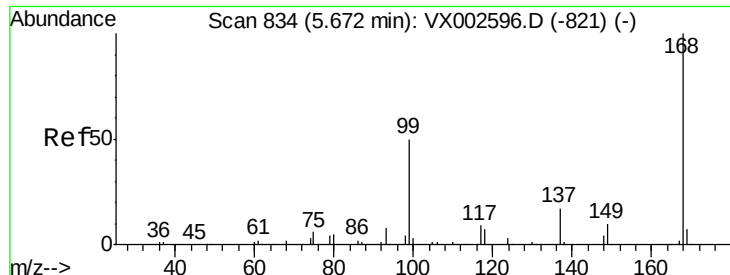
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
Data File : VX002733.D
Acq On : 20 Jun 2018 10:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 21 03:54:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	253394	50.41	ug/l	99
94) Hexachlorobutadiene	13.79	225	131013	49.47	ug/l	98
95) Naphthalene	13.84	128	692821	51.22	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	255630	50.63	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

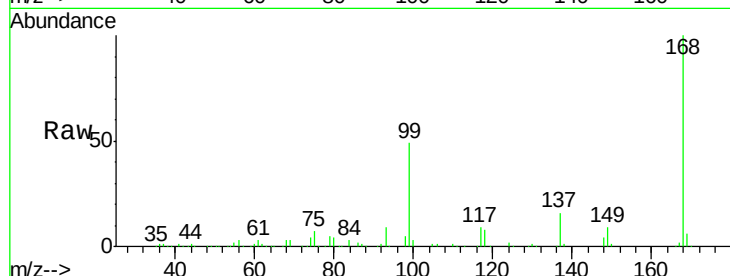
ClientSampled :

Tot Ion:168 Resp: 229402

Ion Ratio Lower Upper

168 100

99 49.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

40000

20000

0

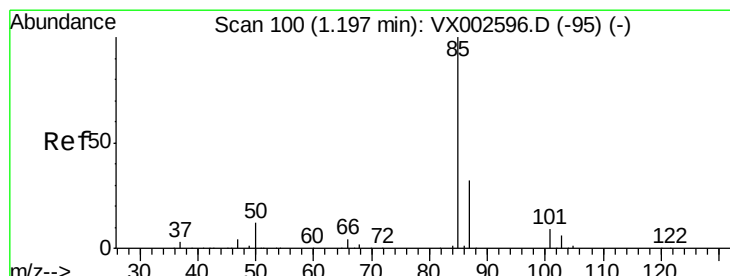
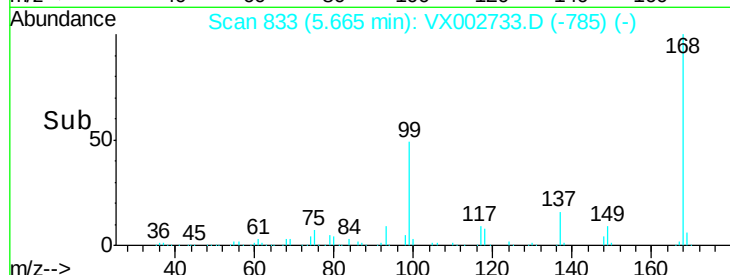
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.96 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002733.D

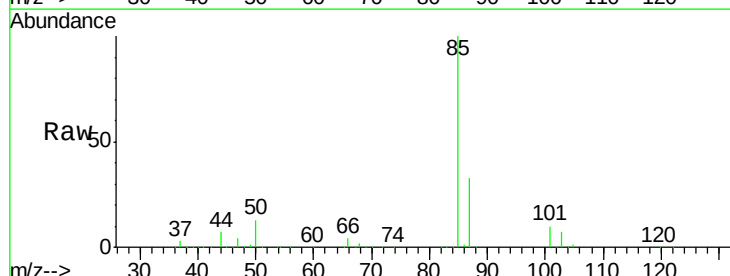
Acq: 20 Jun 2018 10:54

Tgt Ion: 85 Resp: 111918

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

40000

20000

0

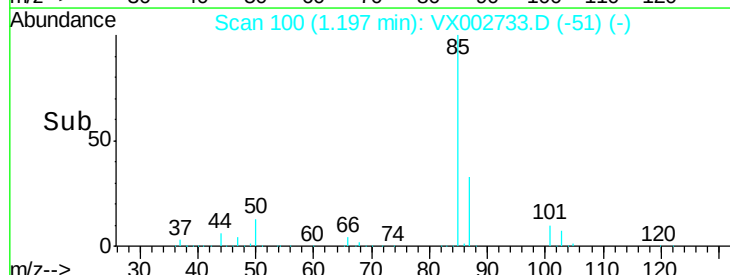
1.15

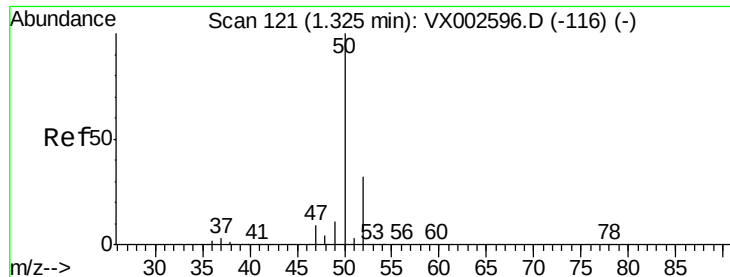
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 39.93 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

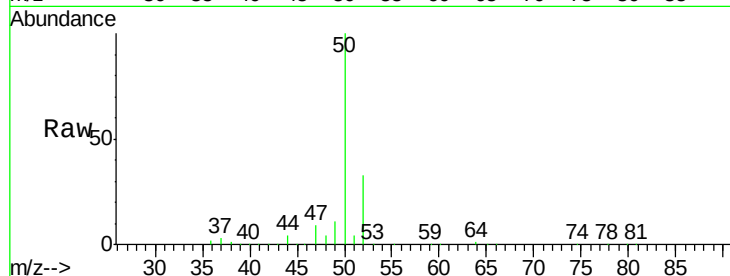
ClientSampled :

Tot Ion: 50 Resp: 115664

Ion Ratio Lower Upper

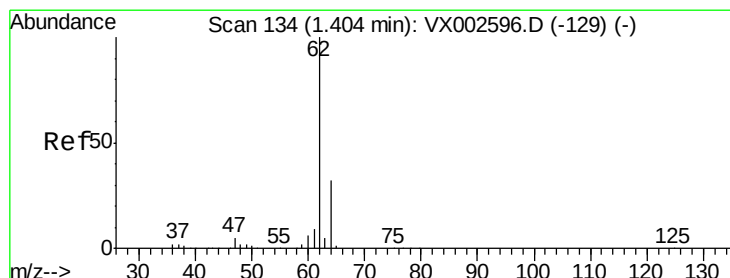
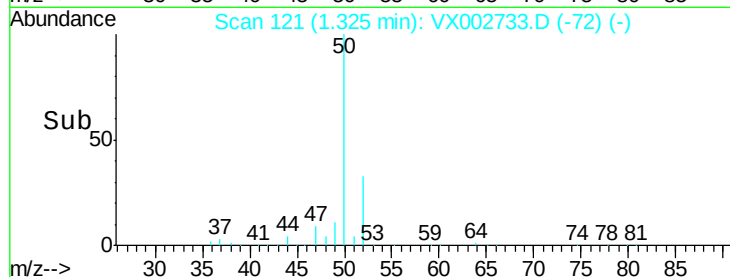
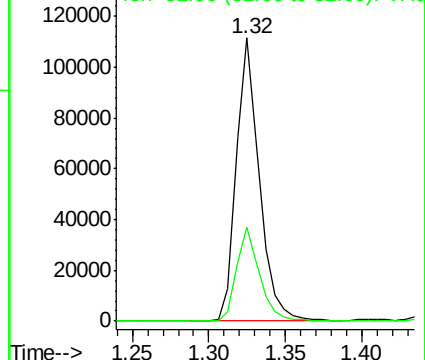
50 100

52 33.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.33 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002733.D

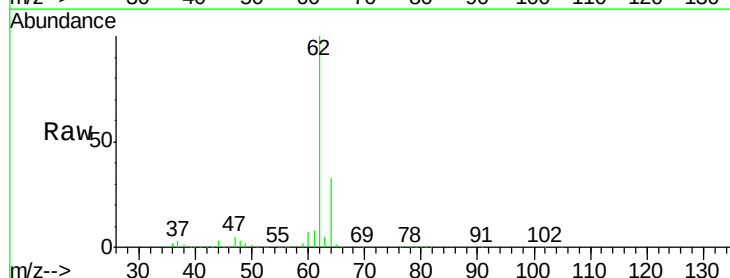
Acq: 20 Jun 2018 10:54

Tgt Ion: 62 Resp: 127251

Ion Ratio Lower Upper

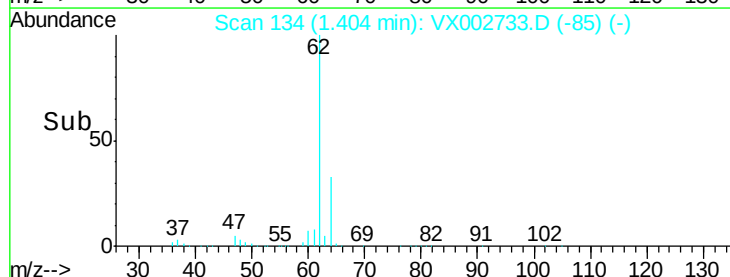
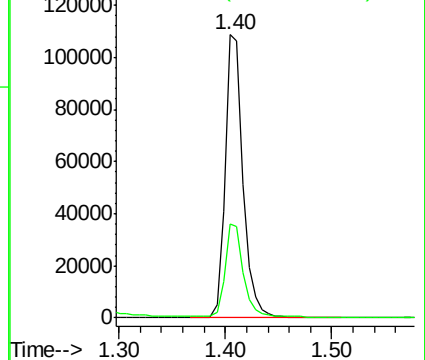
62 100

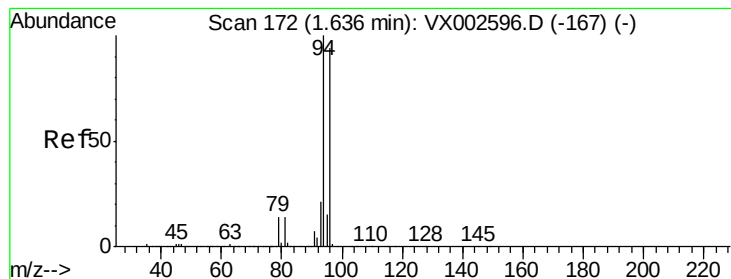
64 32.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 37.75 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

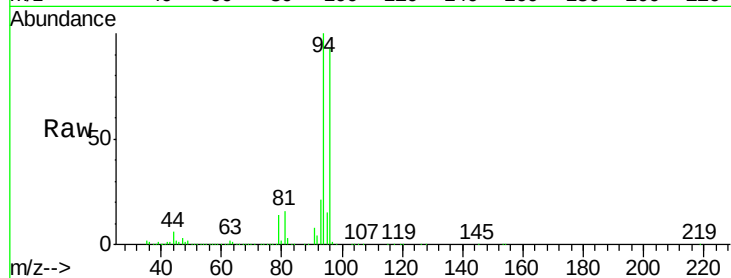
ClientSampleId :

Tot Ion: 94 Resp: 68481

Ion Ratio Lower Upper

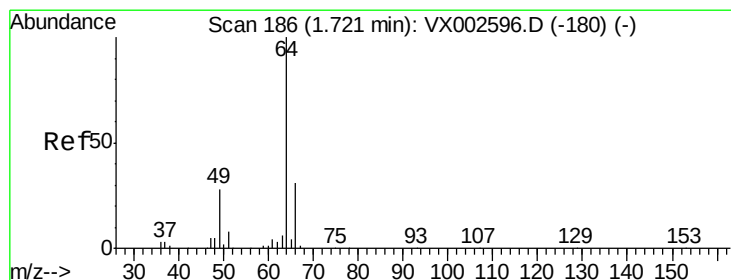
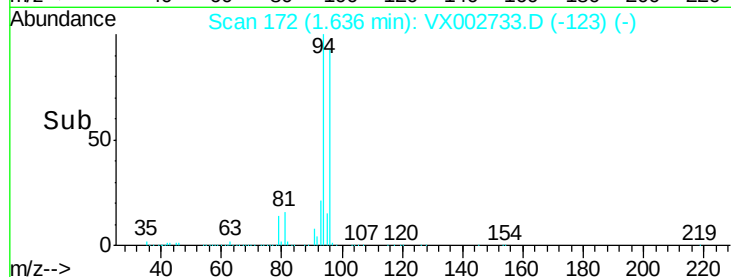
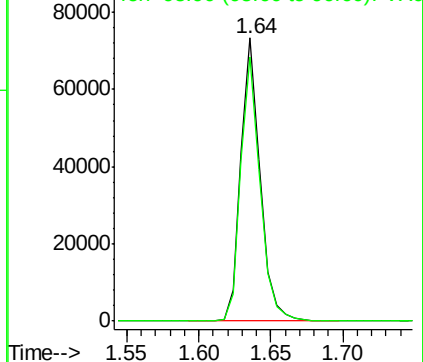
94 100

96 93.4 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: 43.06 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002733.D

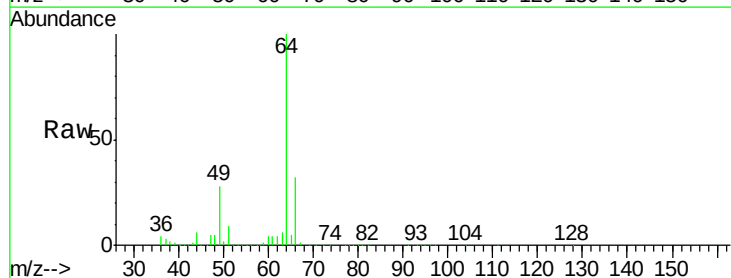
Acq: 20 Jun 2018 10:54

Tgt Ion: 64 Resp: 85316

Ion Ratio Lower Upper

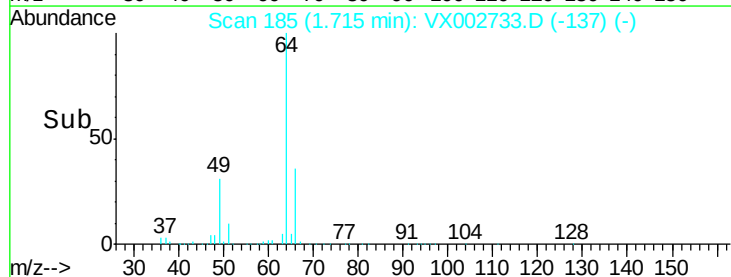
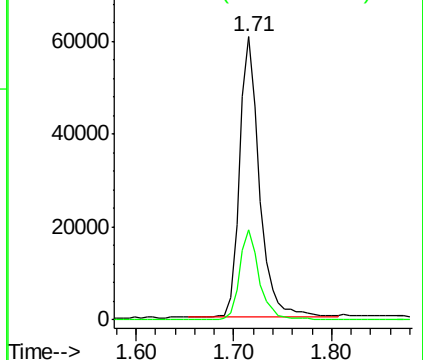
64 100

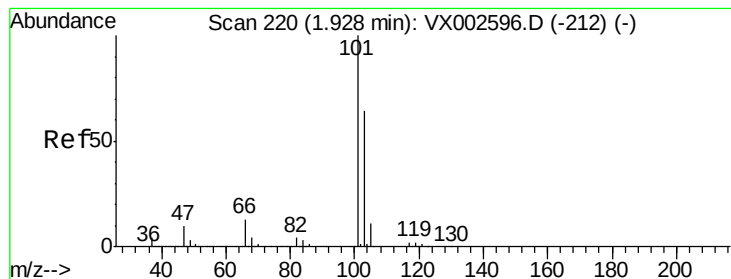
66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



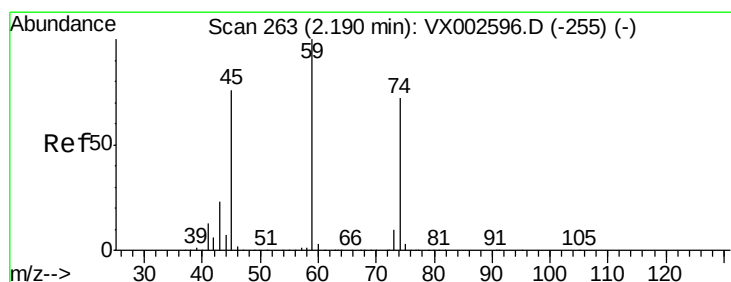
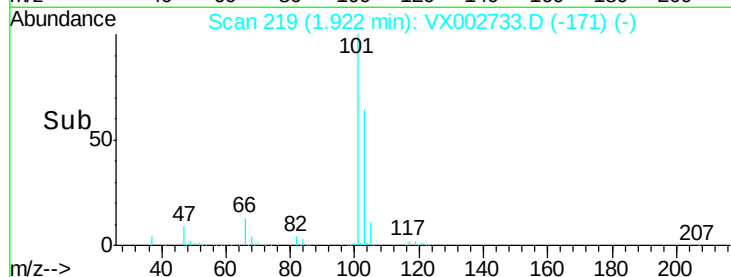
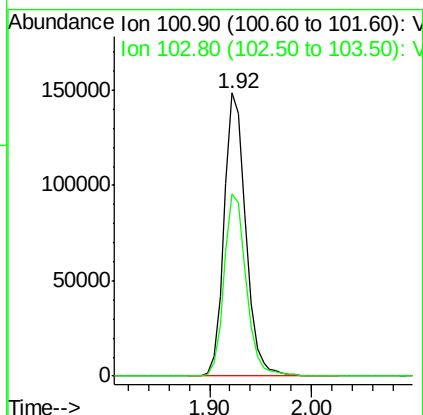
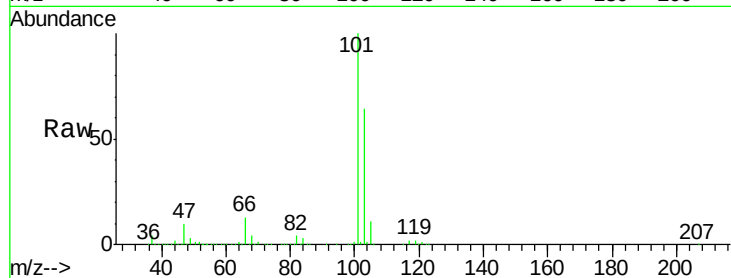


#7

Trichlorofluoromethane
 Concen: 44.79 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

Instrument :
 MSVOA_X
 ClientSampleId :

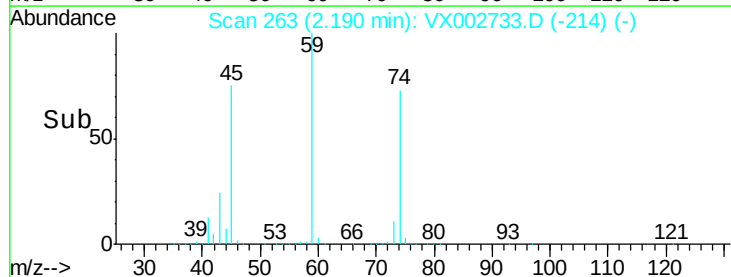
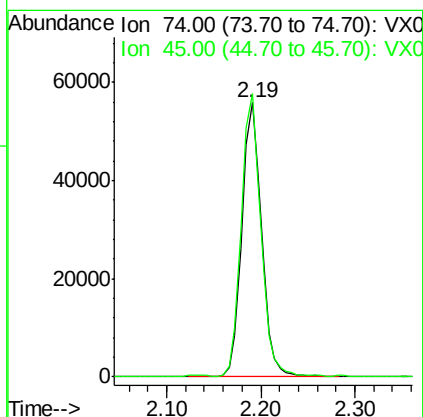
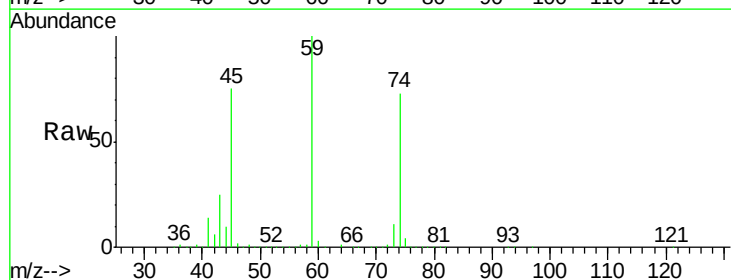
Tot Ion:101 Resp: 218740
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.8 79.2

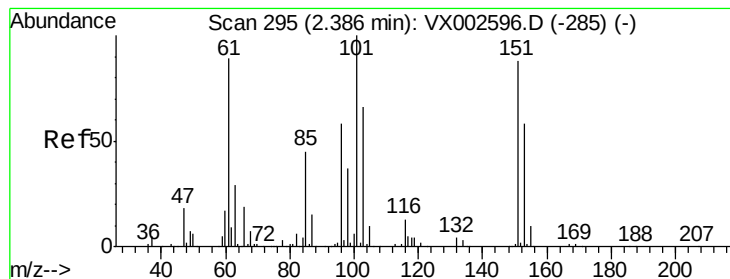


#8

Diethyl Ether
 Concen: 43.96 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

Tgt Ion: 74 Resp: 81665
 Ion Ratio Lower Upper
 74 100
 45 102.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.77 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

ClientSampled :

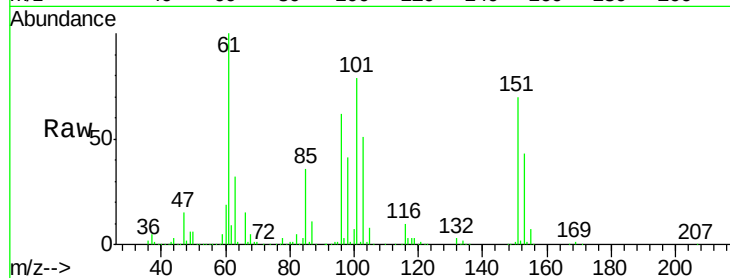
Tot Ion:101 Resp: 124943

Ion Ratio Lower Upper

101 100

85 45.2 36.0 54.0

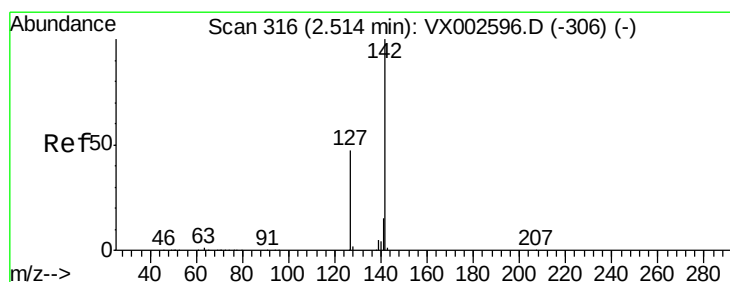
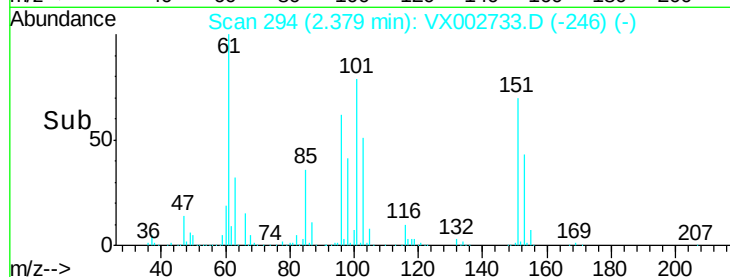
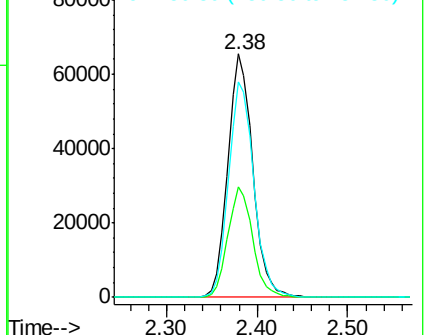
151 90.1 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 38.66 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

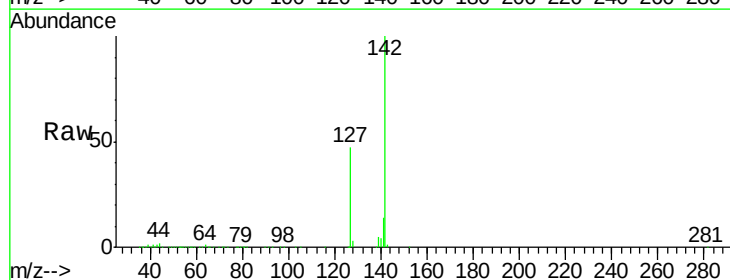
Tgt Ion:142 Resp: 137625

Ion Ratio Lower Upper

142 100

127 46.9 36.6 55.0

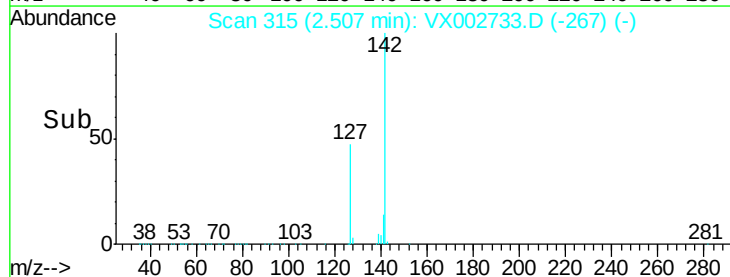
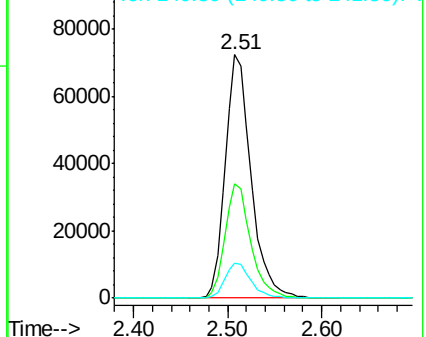
141 14.6 11.3 16.9

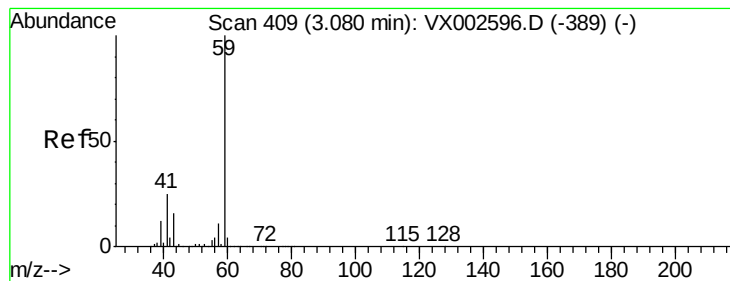


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



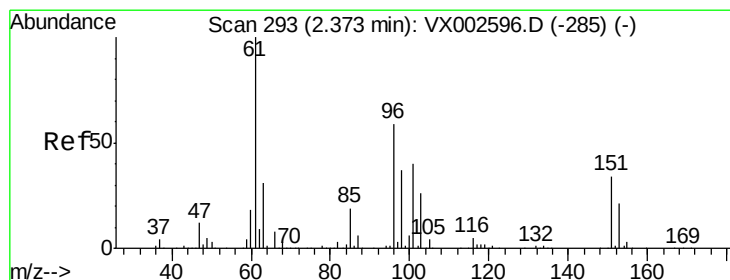
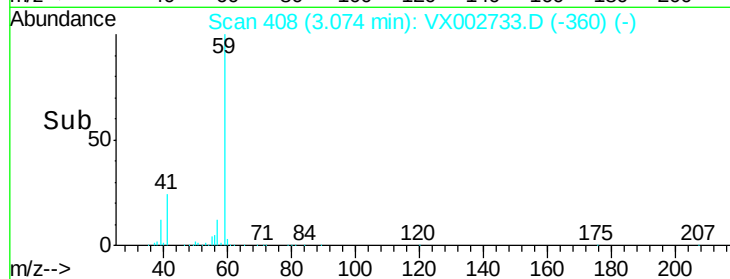
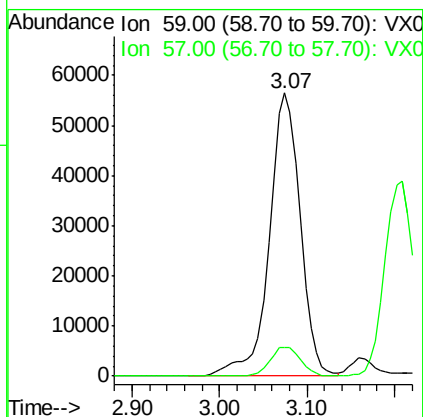
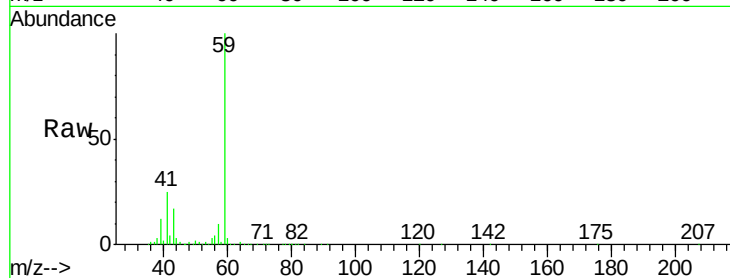


#11

Tert butyl alcohol
Concen: 193.00 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

Instrument :
MSVOA_X
ClientSampled :

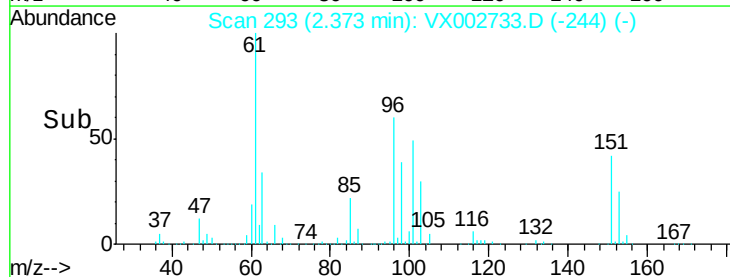
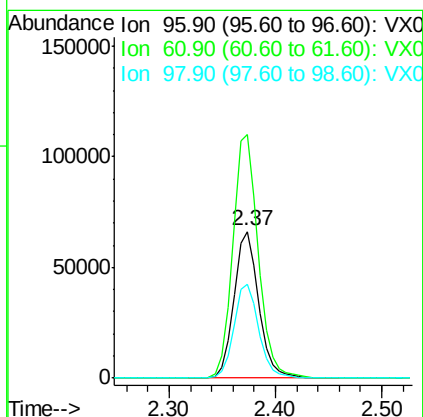
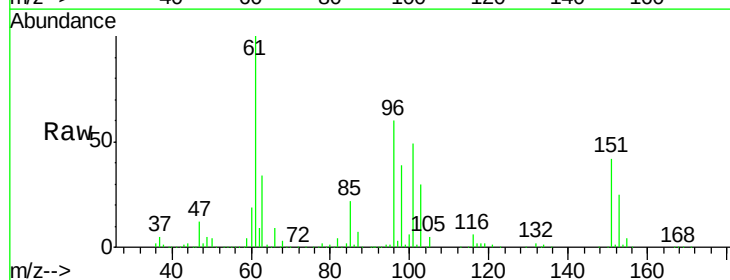
Tot Ion: 59 Resp: 139088
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

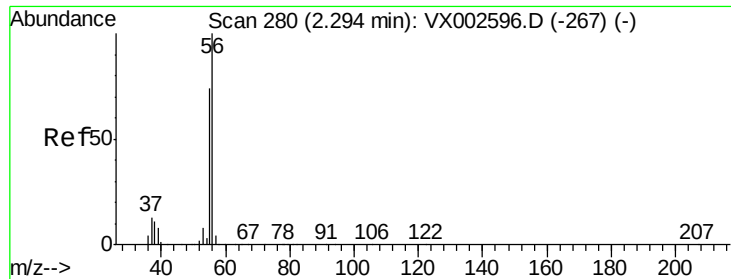


#12

1,1-Dichloroethene
Concen: 42.13 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

Tgt Ion: 96 Resp: 107991
Ion Ratio Lower Upper
96 100
61 166.0 137.9 206.9
98 64.3 51.6 77.4





#13

Acrolein

Concen: 290.92 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

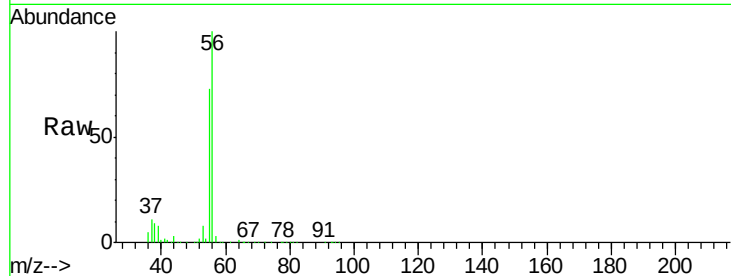
ClientSampleId :

Tot Ion: 56 Resp: 98677

Ion Ratio Lower Upper

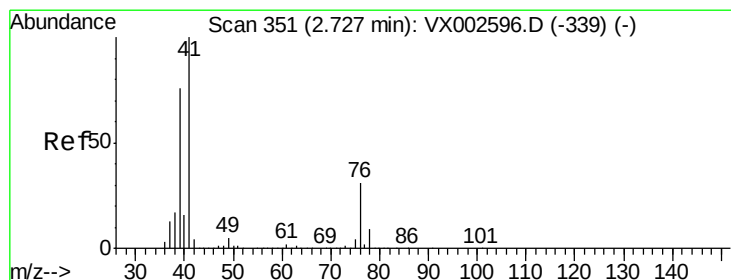
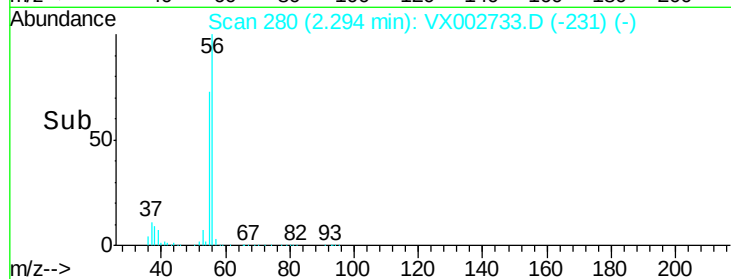
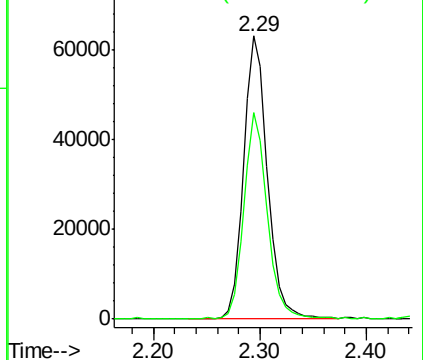
56 100

55 71.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 43.28 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

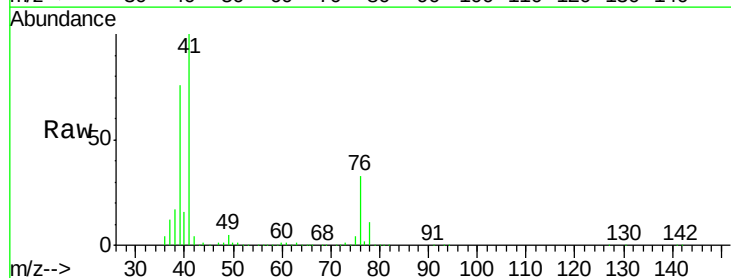
Tgt Ion: 41 Resp: 220266

Ion Ratio Lower Upper

41 100

39 72.3 56.8 85.2

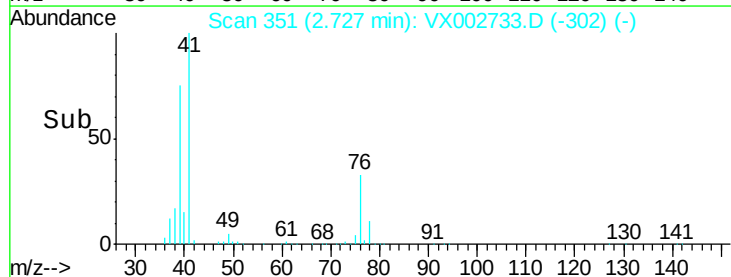
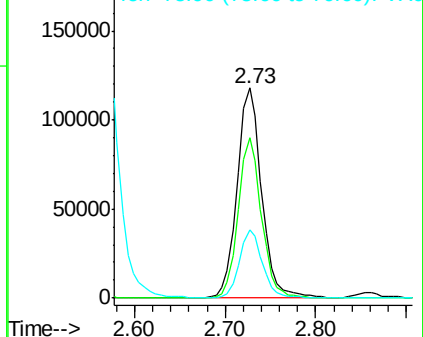
76 30.2 23.8 35.8

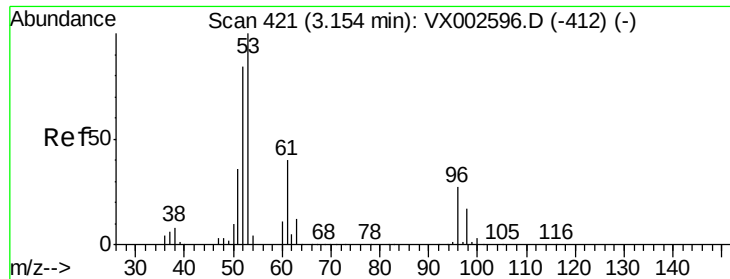


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 209.03 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :
MSVOA_X
ClientSampleId :

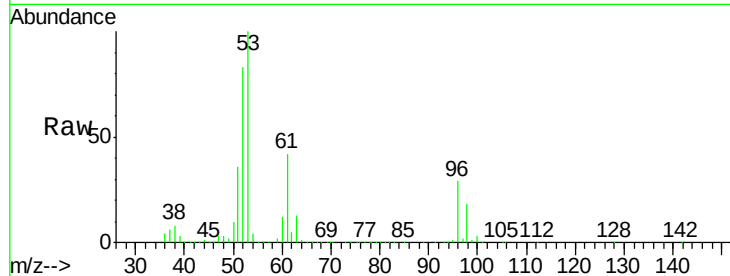
Tot Ion: 53 Resp: 328717

Ion Ratio Lower Upper

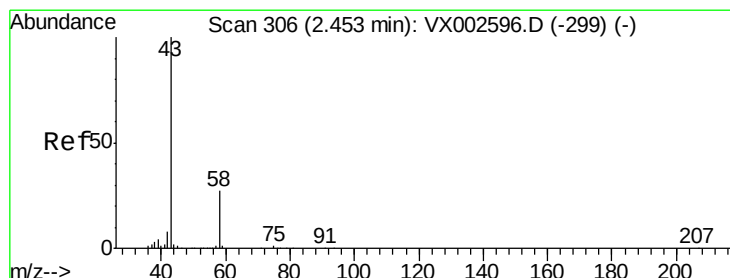
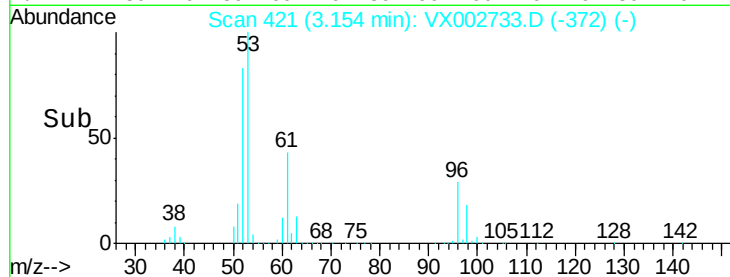
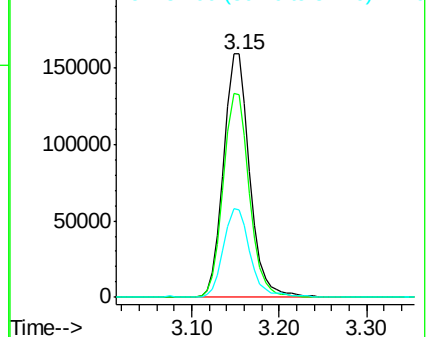
53 100

52 83.9 66.7 100.1

51 37.4 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 226.26 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002733.D

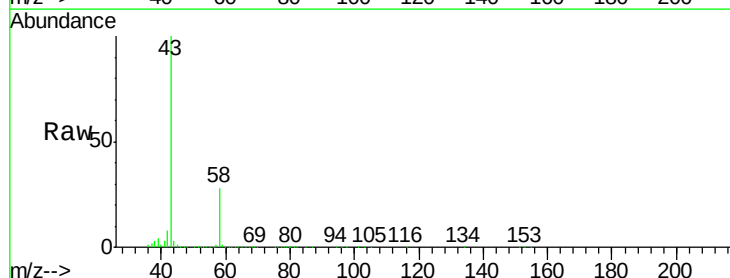
Acq: 20 Jun 2018 10:54

Tgt Ion: 43 Resp: 347993

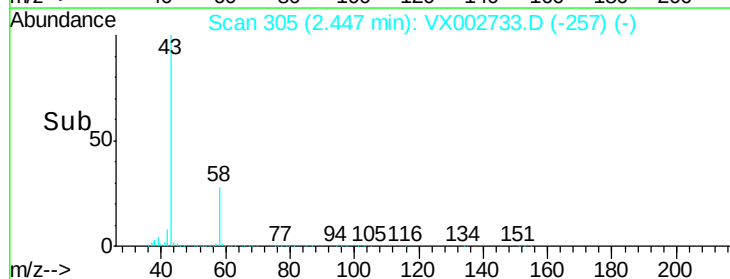
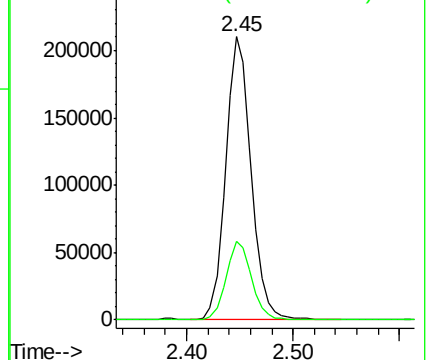
Ion Ratio Lower Upper

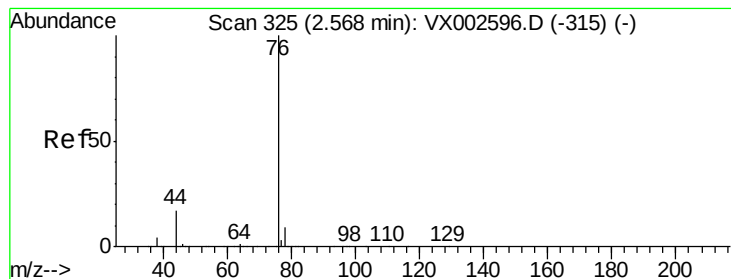
43 100

58 27.6 22.1 33.1



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





#17

Carbon Disulfide

Concen: 47.07 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

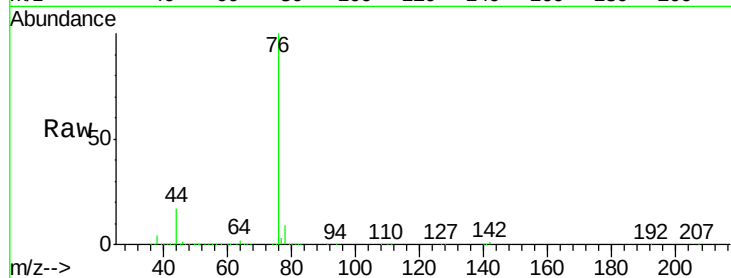
ClientSampleId :

Tot Ion: 76 Resp: 286187

Ion Ratio Lower Upper

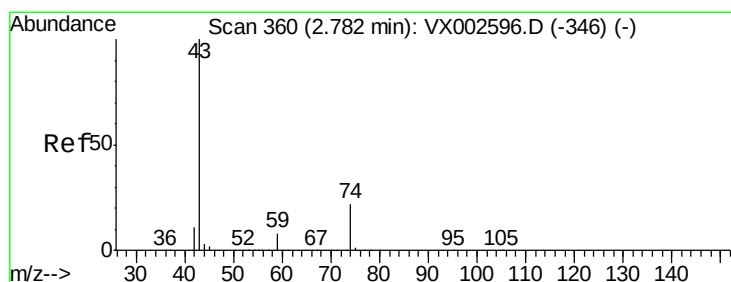
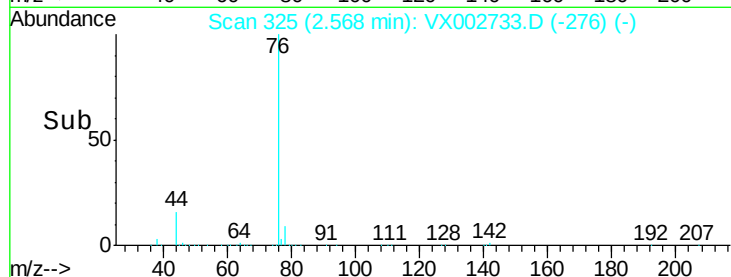
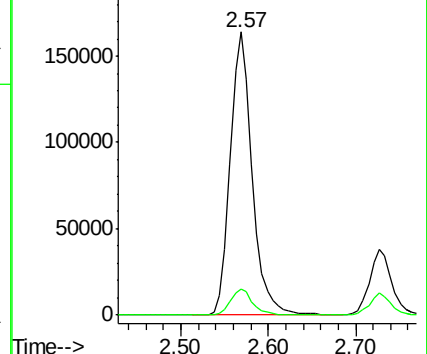
76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.55 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002733.D

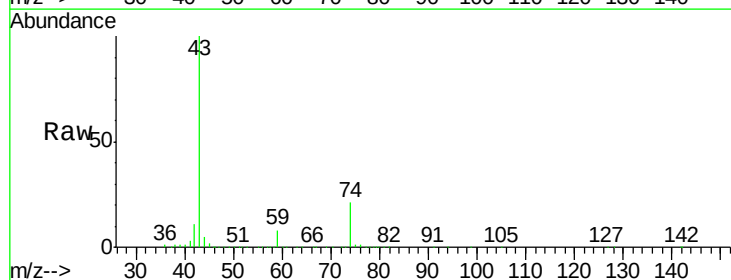
Acq: 20 Jun 2018 10:54

Tgt Ion: 43 Resp: 178451

Ion Ratio Lower Upper

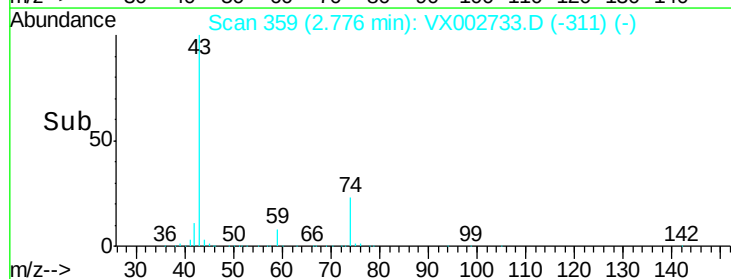
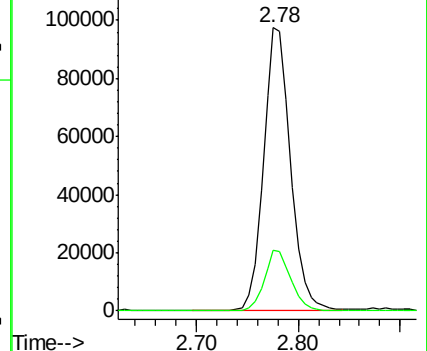
43 100

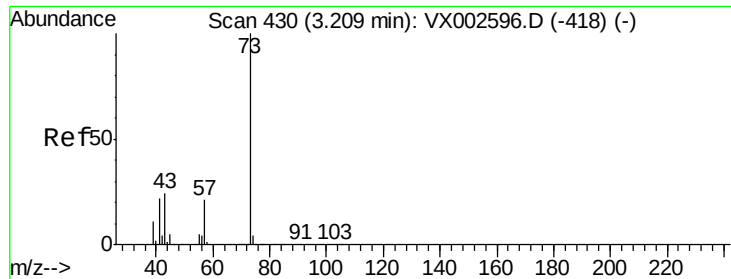
74 21.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



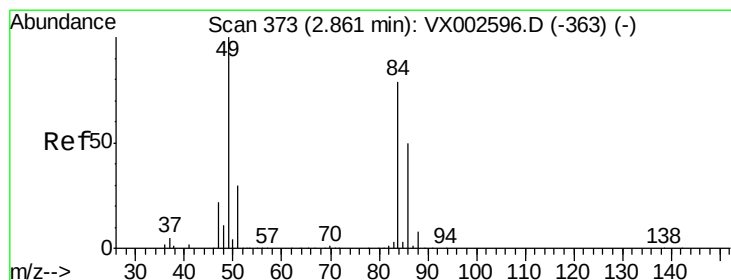
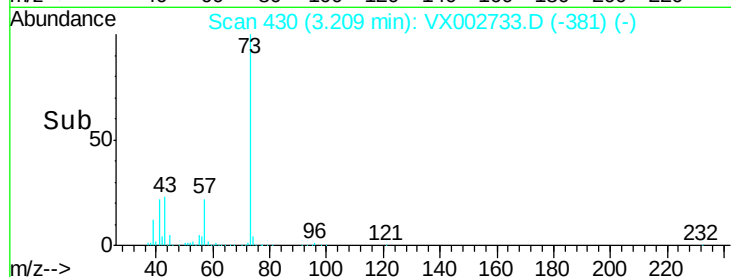
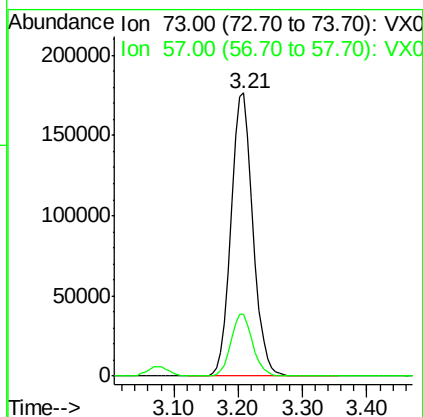
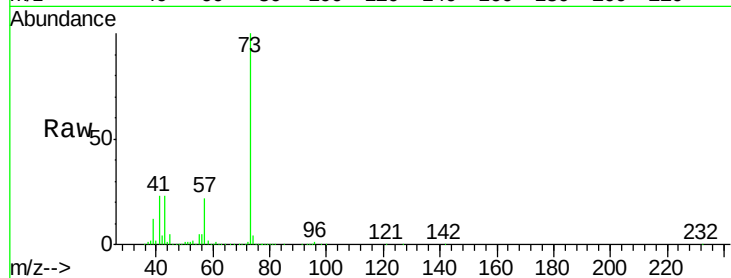


#19

Methyl tert-butyl Ether
Concen: 43.66 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

Instrument :
MSVOA_X
ClientSampleId :

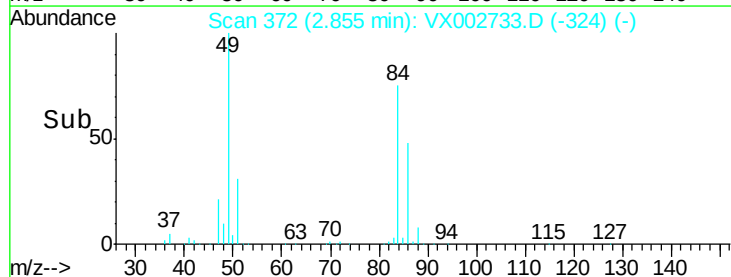
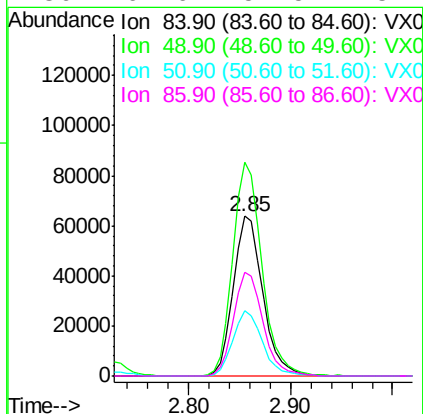
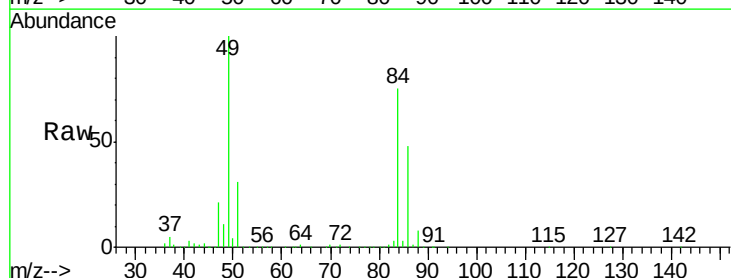
Tot Ion: 73 Resp: 419798
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5

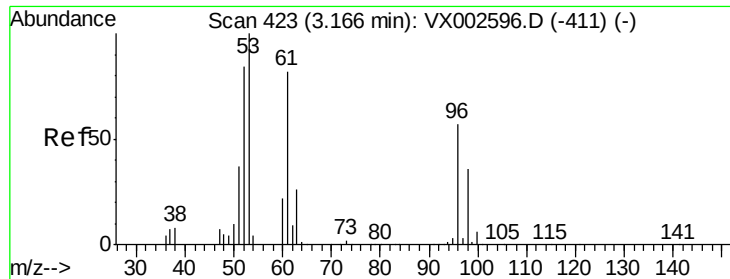


#20

Methylene Chloride
Concen: 40.47 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

Tgt Ion: 84 Resp: 127628
Ion Ratio Lower Upper
84 100
49 133.8 107.8 161.6
51 40.9 32.8 49.2
86 64.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 42.69 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

ClientSampled :

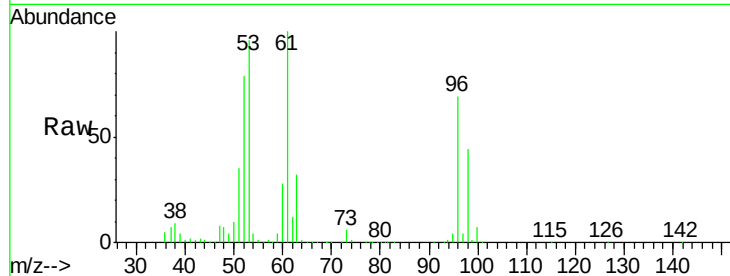
Tot Ion: 96 Resp: 118719

Ion Ratio Lower Upper

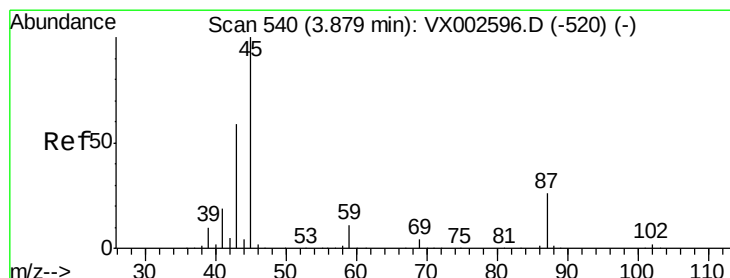
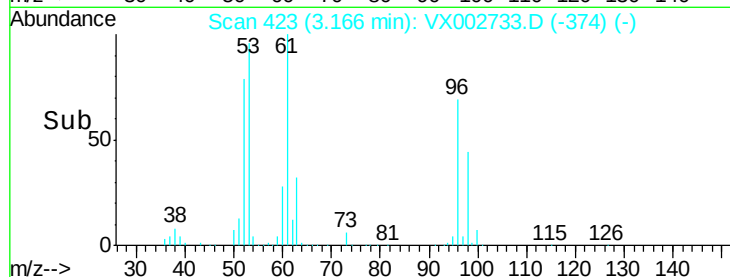
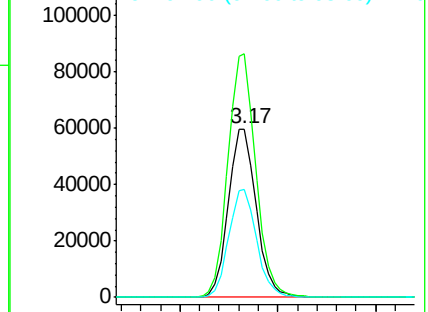
96 100

61 144.8 117.0 175.4

98 63.7 52.4 78.6



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



#22

Diisopropyl ether

Concen: 47.34 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Tgt Ion: 45 Resp: 435910

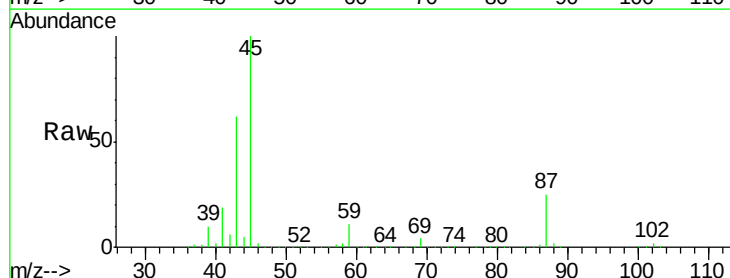
Ion Ratio Lower Upper

45 100

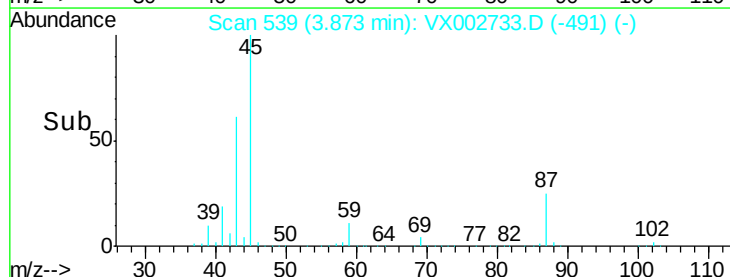
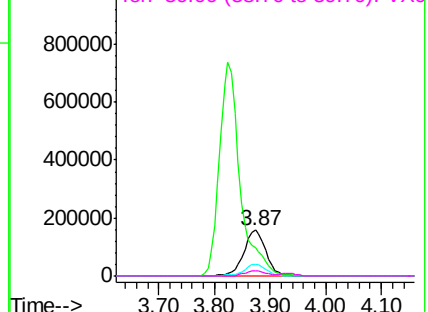
43 61.4 46.8 70.2

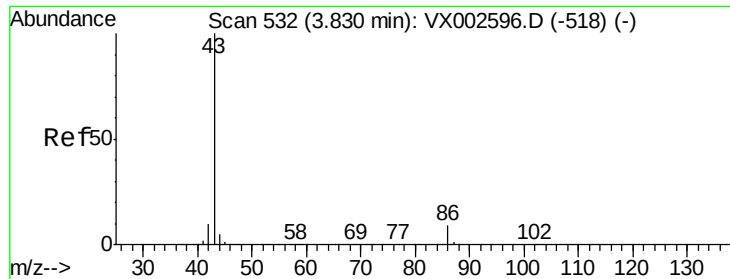
87 25.4 20.2 30.4

59 11.2 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: 247.50 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

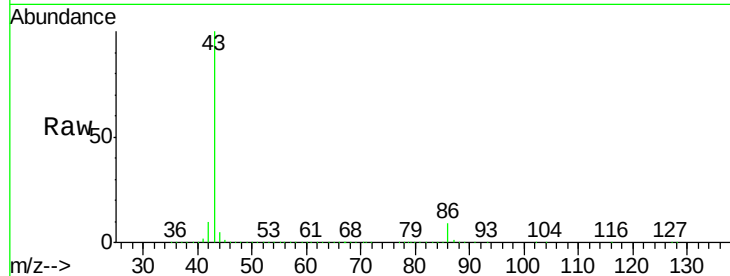
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1907435

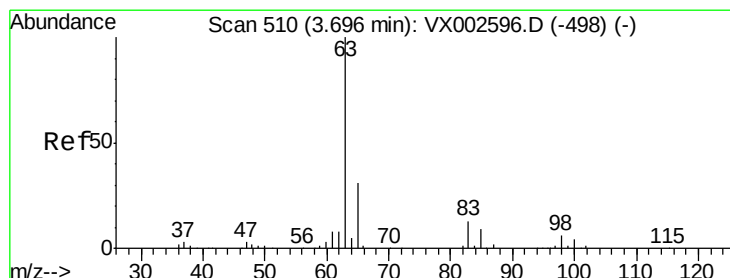
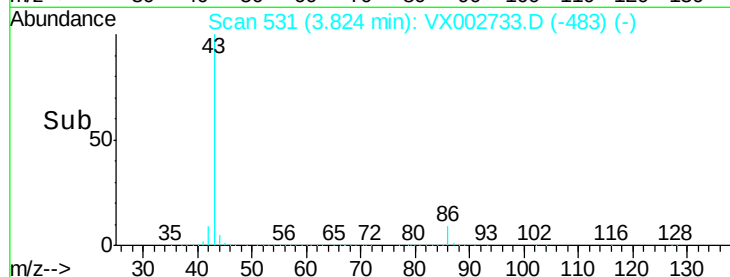
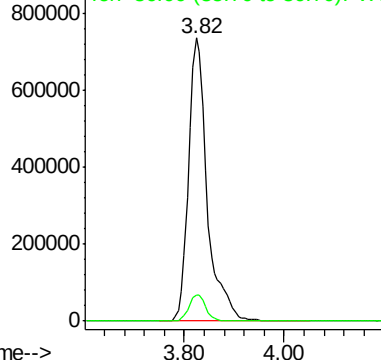
Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.23 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

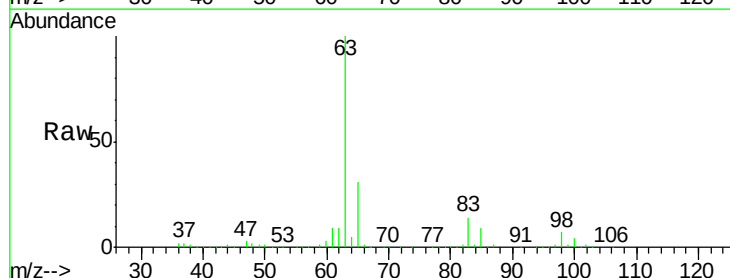
Tgt Ion: 63 Resp: 231017

Ion Ratio Lower Upper

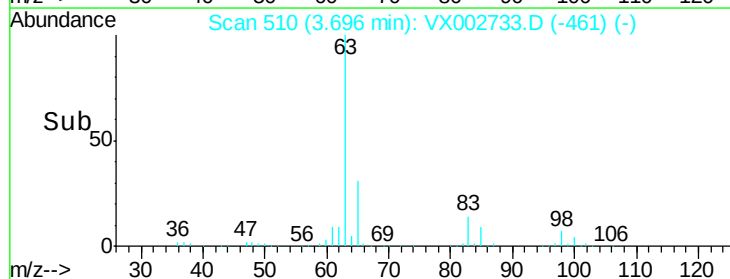
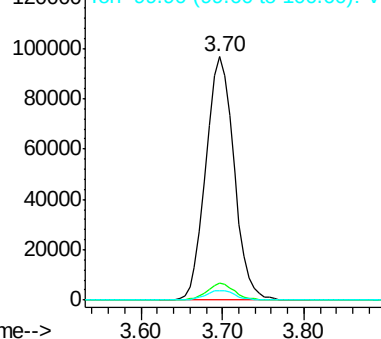
63 100

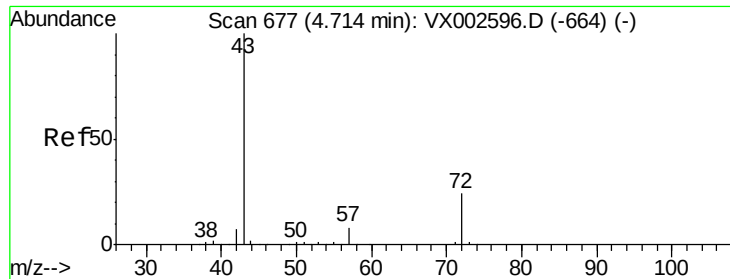
98 6.9 3.4 10.2

100 3.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 227.44 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

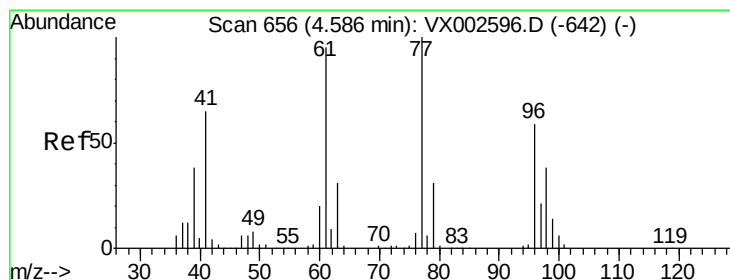
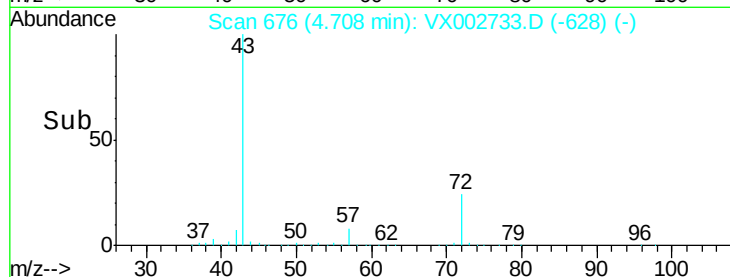
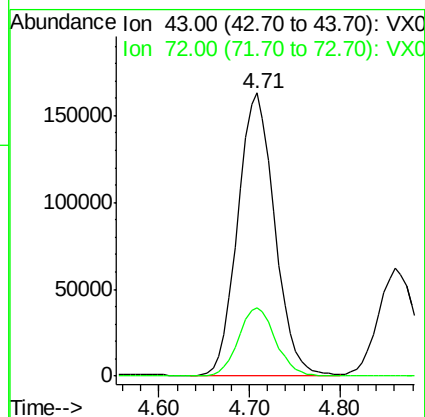
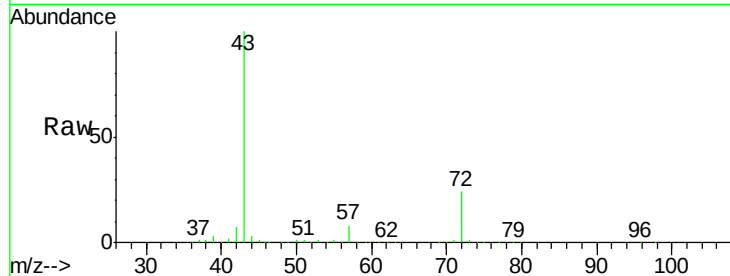
ClientSampleId :

Tot Ion: 43 Resp: 459385

Ion Ratio Lower Upper

43 100

72 23.9 18.5 27.7



#26

2,2-Dichloropropane

Concen: 47.72 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002733.D

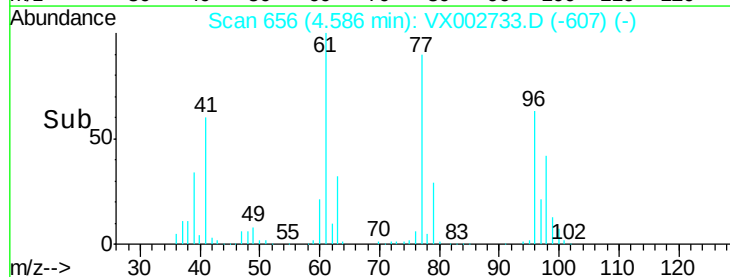
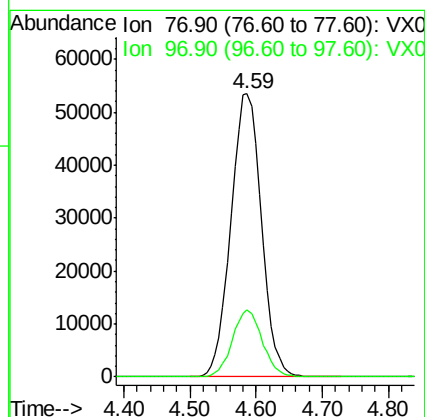
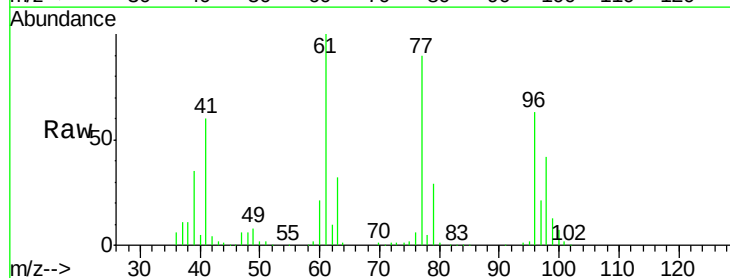
Acq: 20 Jun 2018 10:54

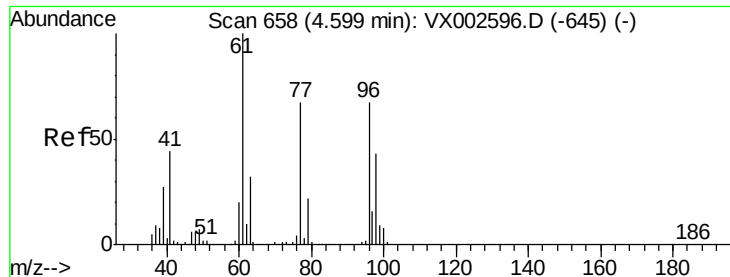
Tgt Ion: 77 Resp: 171371

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5



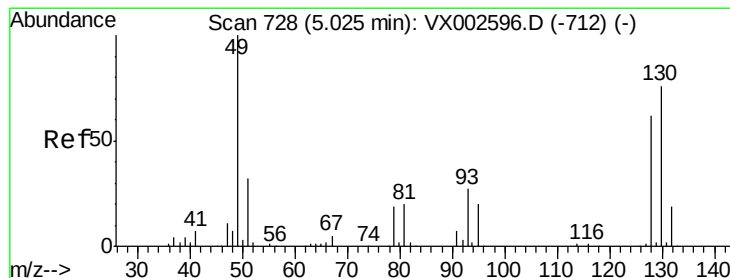
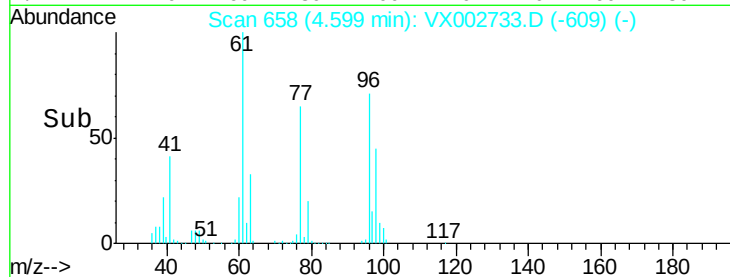
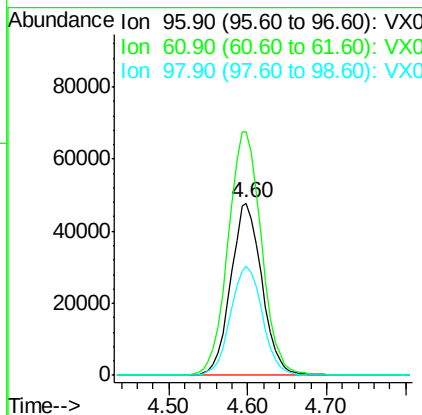
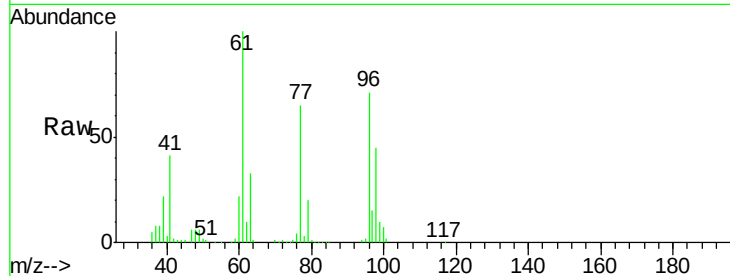


#27

cis-1,2-Dichloroethene
Concen: 46.32 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

Instrument :
MSVOA_X
ClientSampleId :

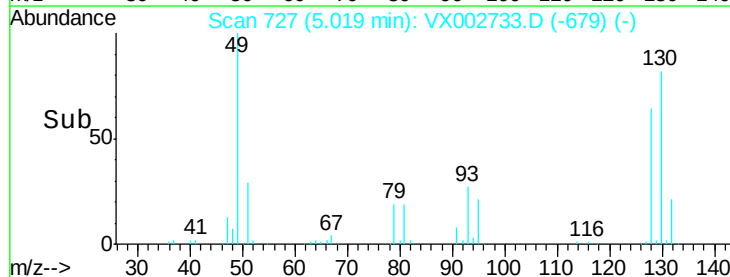
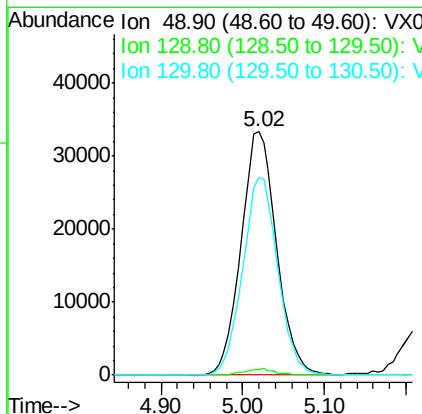
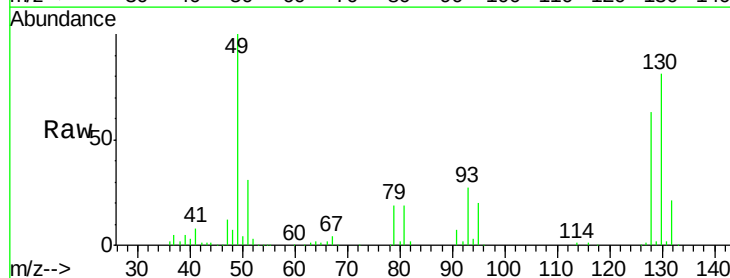
Tot Ion	Ratio	Lower	Upper
96	100		
61	152.4	0.0	330.2
98	64.9	0.0	130.2

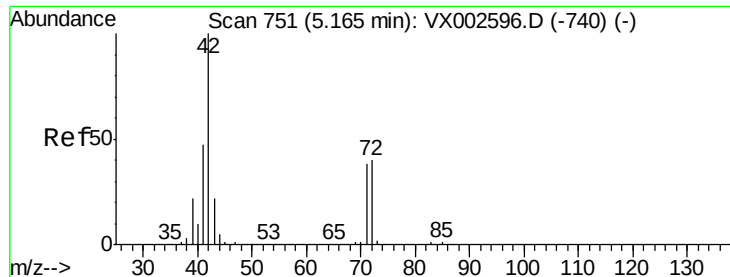


#28

Bromochloromethane
Concen: 43.15 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	80.4	61.2	91.8

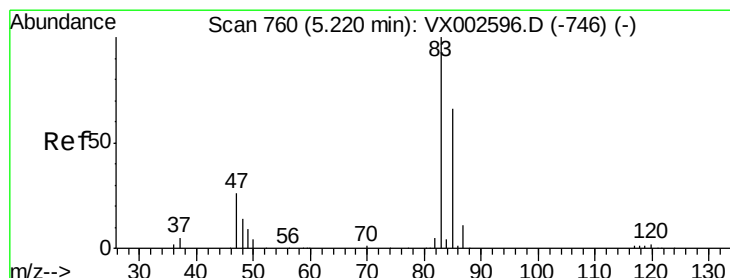
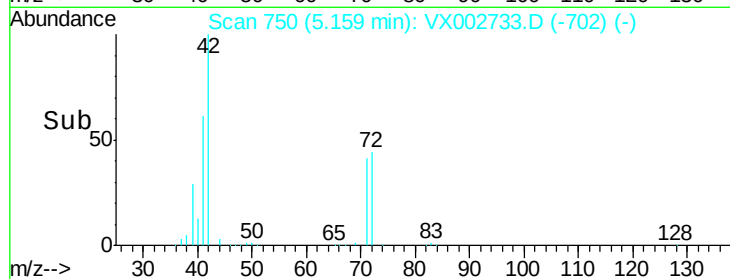
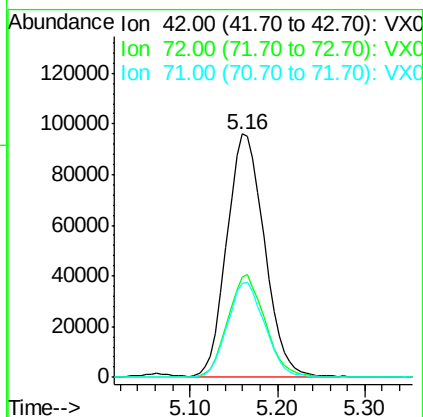
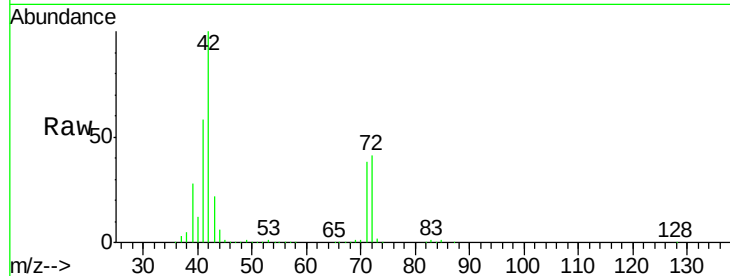




#29
Tetrahydrofuran
Concen: 216.79 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

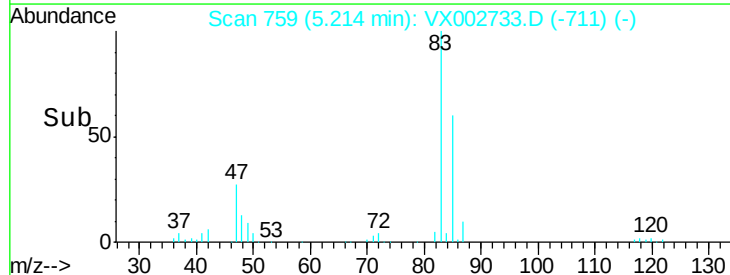
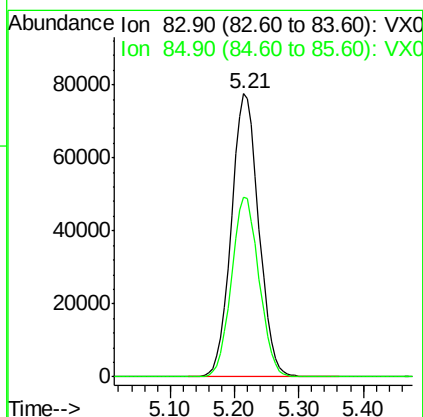
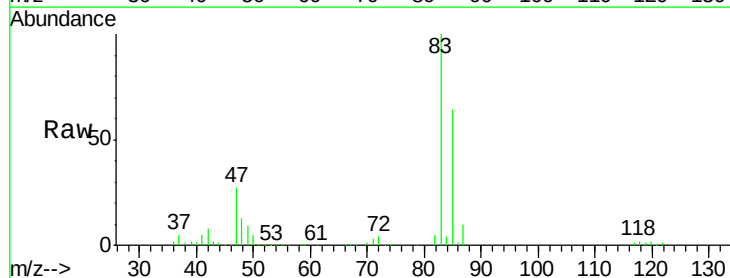
Instrument :
MSVOA_X
ClientSampleId :

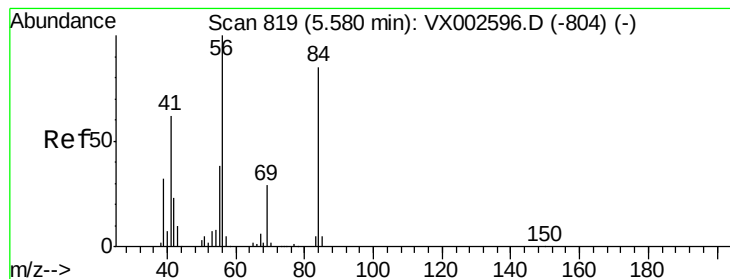
Tot Ion: 42 Resp: 286976
Ion Ratio Lower Upper
42 100
72 42.1 32.0 48.0
71 38.9 30.1 45.1



#30
Chloroform
Concen: 47.84 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

Tgt Ion: 83 Resp: 230555
Ion Ratio Lower Upper
83 100
85 63.6 50.4 75.6





#31

Cyclohexane

Concen: 45.43 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

ClientSampleId :

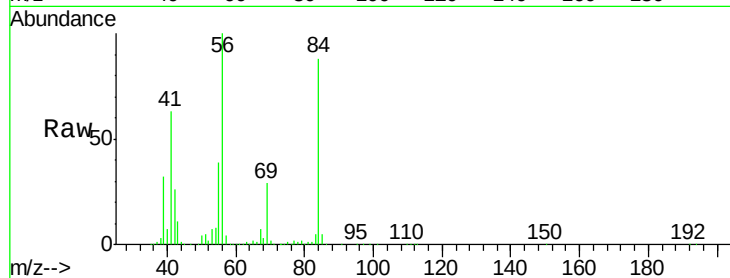
Tot Ion: 56 Resp: 186938

Ion Ratio Lower Upper

56 100

69 28.9 23.7 35.5

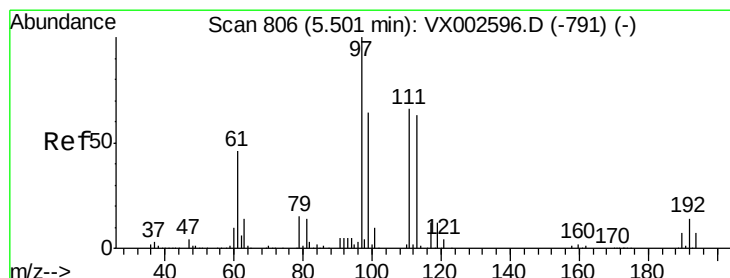
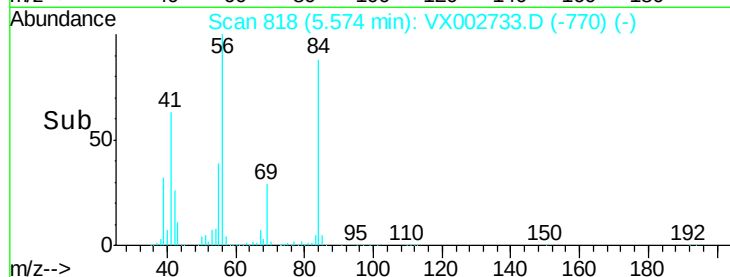
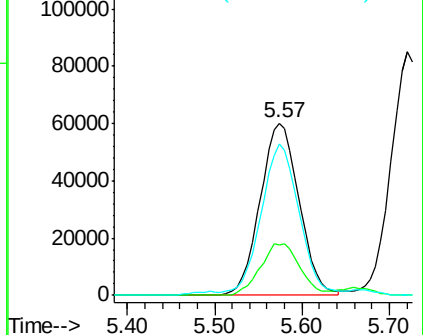
84 86.8 64.1 96.1



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: 48.36 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

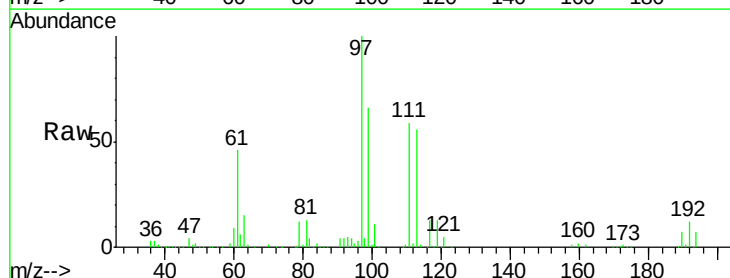
Tgt Ion: 97 Resp: 194905

Ion Ratio Lower Upper

97 100

99 64.1 51.6 77.4

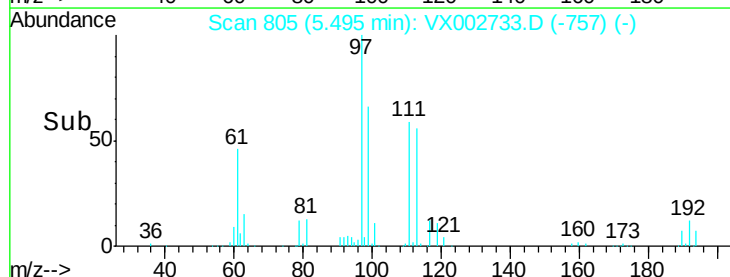
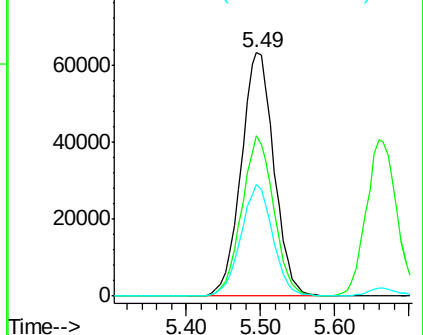
61 44.7 36.4 54.6

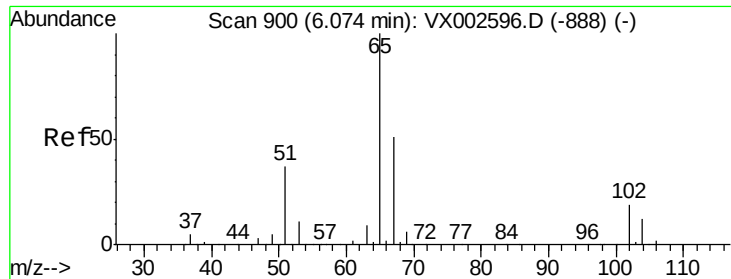


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

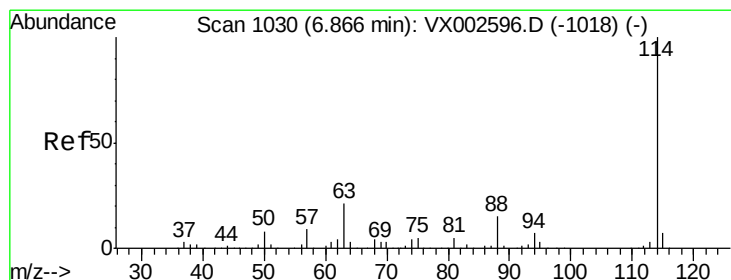
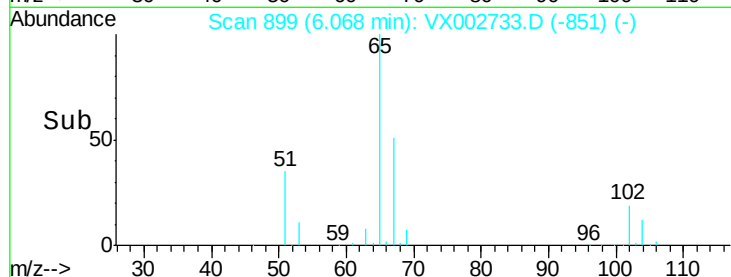
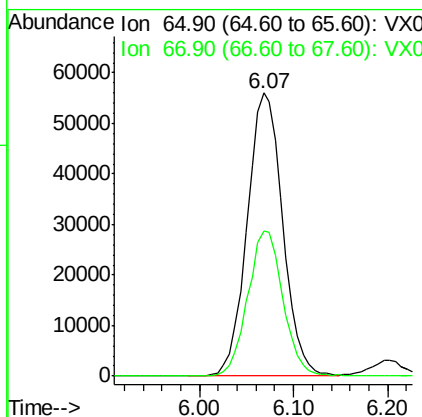
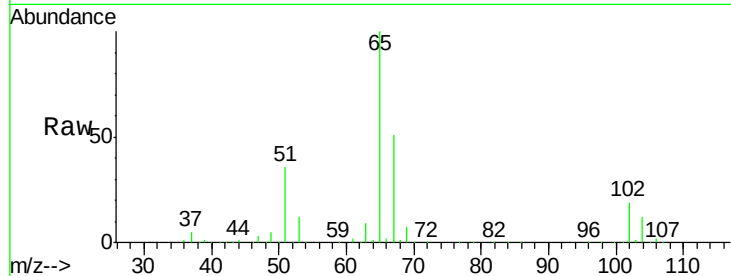




#33
 1,2-Dichloroethane-d4
 Concen: 42.20 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

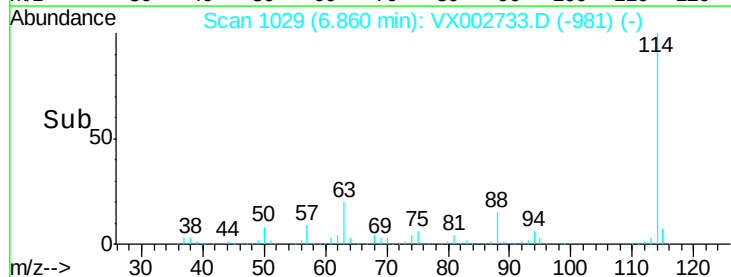
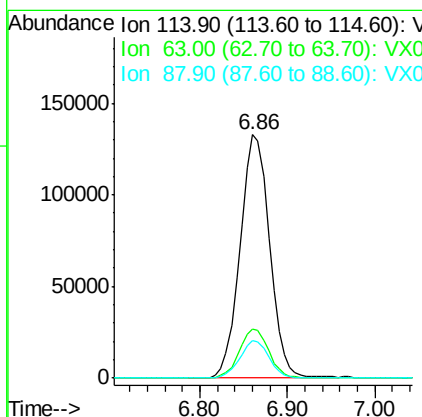
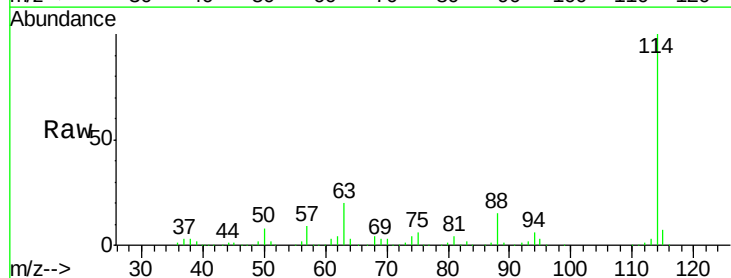
Instrument :
 MSVOA_X
 ClientSampleId :

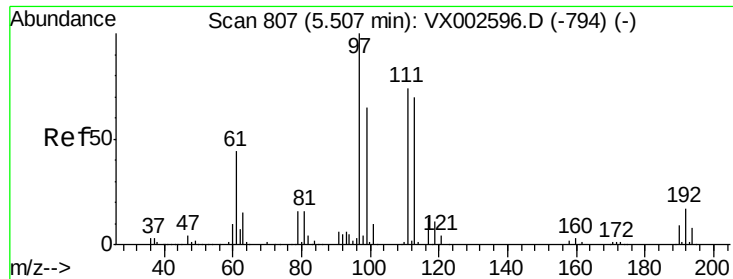
Tot Ion: 65 Resp: 147096
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

Tgt Ion: 114 Resp: 313361
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.2 0.0 30.0

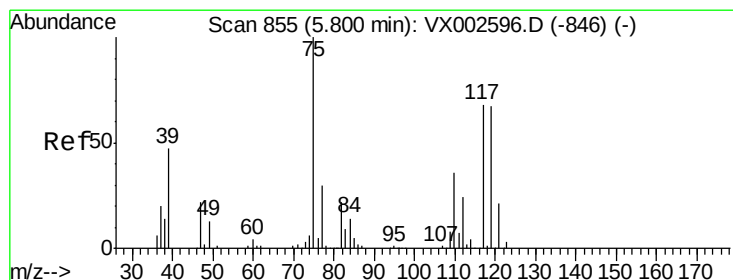
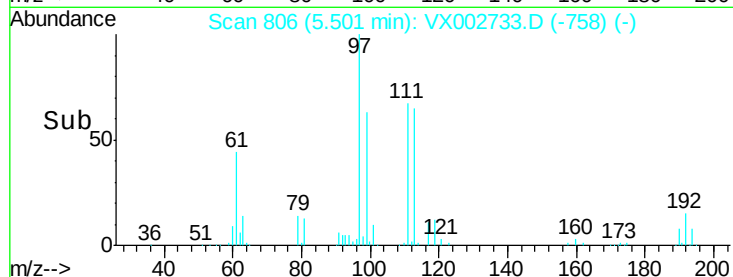
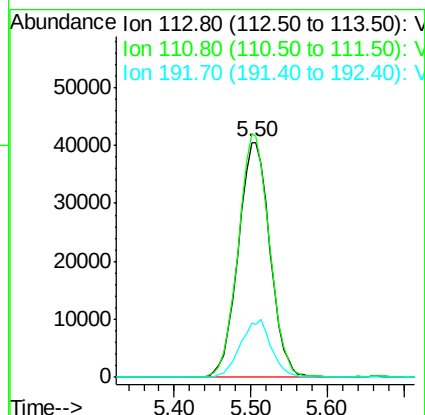
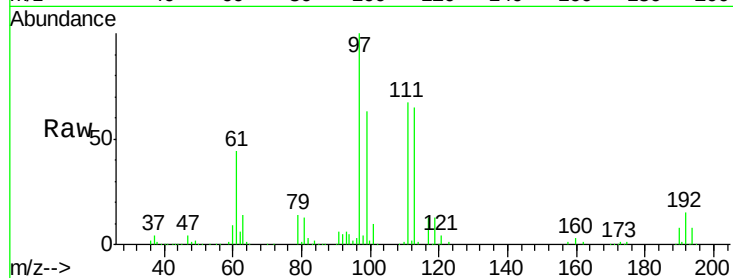




#35
 Dibromofluoromethane
 Concen: 46.60 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

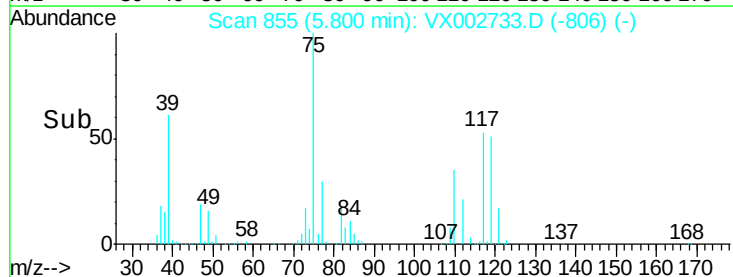
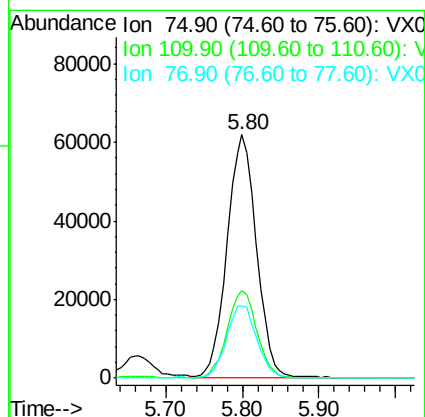
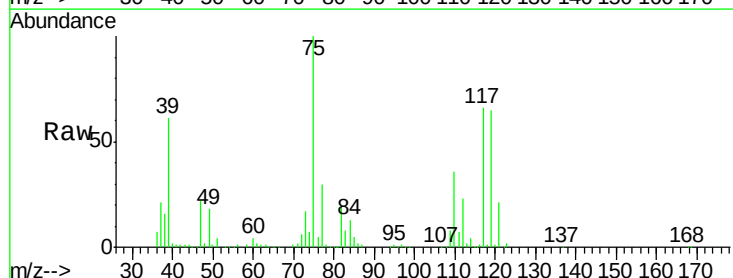
Instrument :
 MSVOA_X
 ClientSampleId :

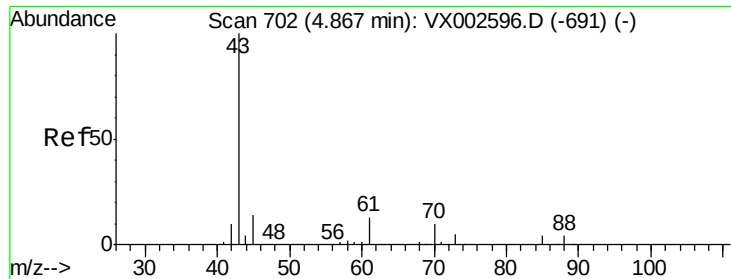
Tot Ion:113 Resp: 116550
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 23.7 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 49.18 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

Tgt Ion: 75 Resp: 163673
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.1 54.4
 77 30.6 24.3 36.5





#37

Ethyl Acetate

Concen: 47.31 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

ClientSampled :

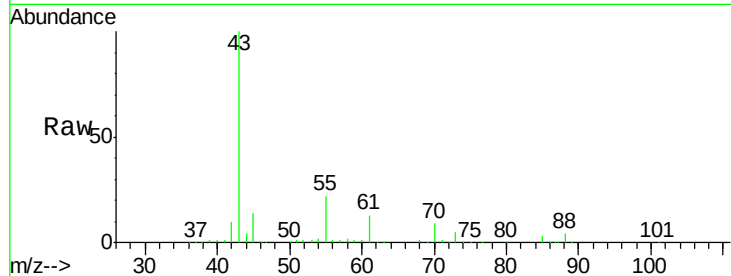
Tot Ion: 43 Resp: 178208

Ion Ratio Lower Upper

43 100

61 13.4 10.4 15.6

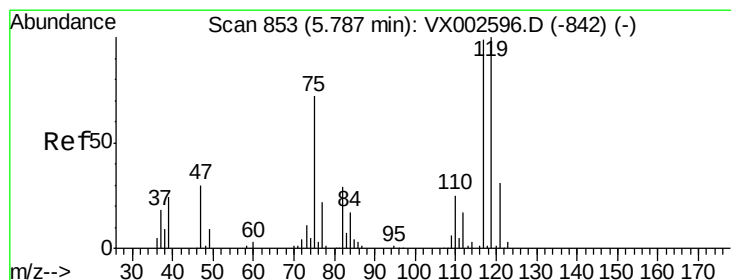
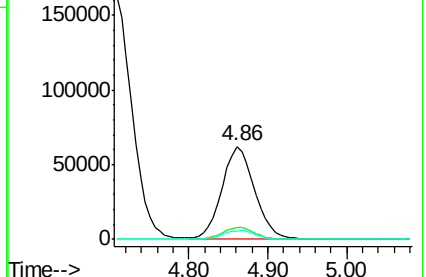
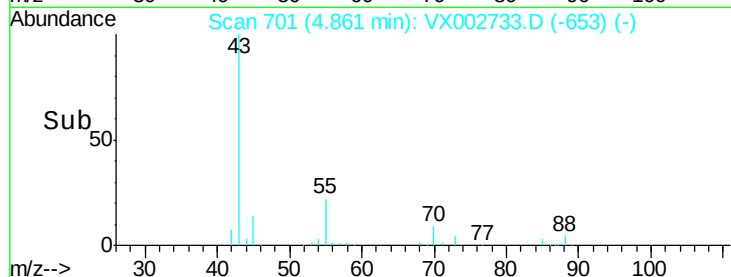
70 9.8 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002733.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX002733.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX002733.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 53.01 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

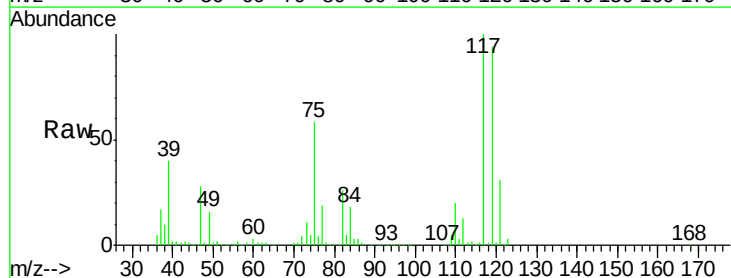
Tgt Ion: 117 Resp: 175689

Ion Ratio Lower Upper

117 100

119 94.1 77.4 116.0

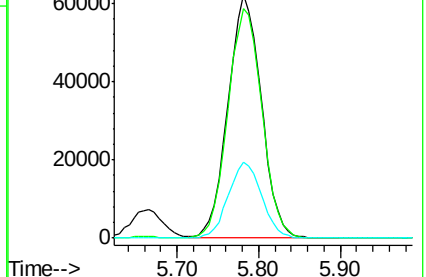
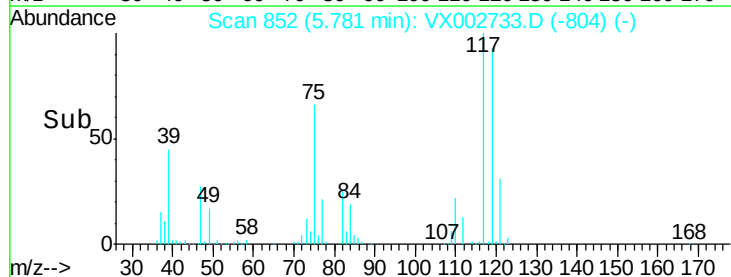
121 31.3 24.4 36.6

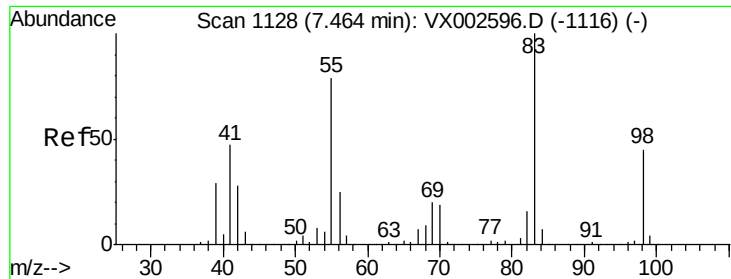


Abundance Ion 116.80 (116.50 to 117.50): VX002733.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX002733.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX002733.D (-804) (-)

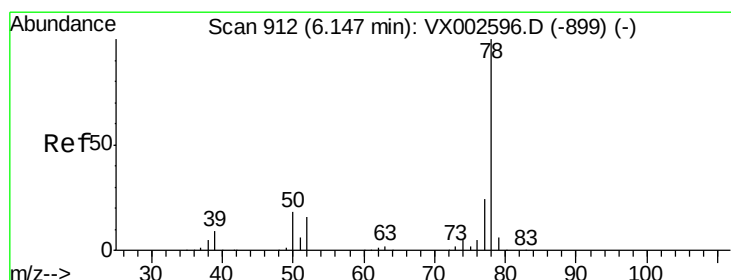
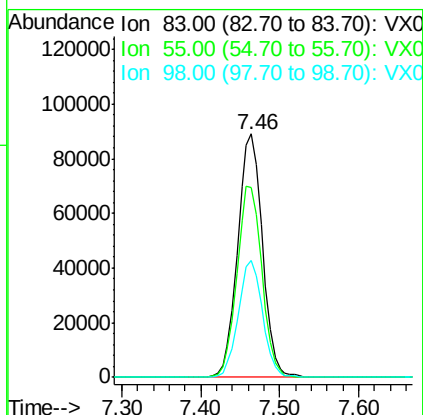
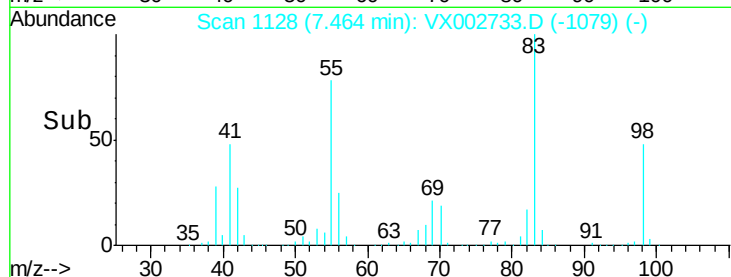
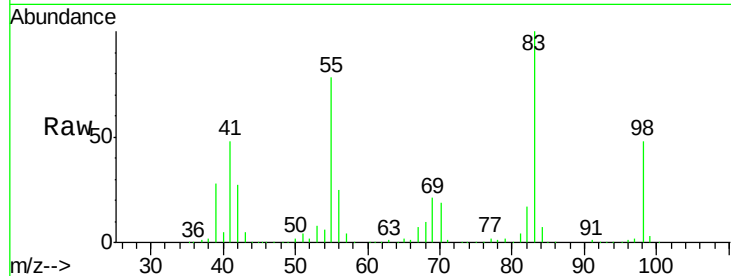




#39
Methylvlcyclohexane
Concen: 49.97 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

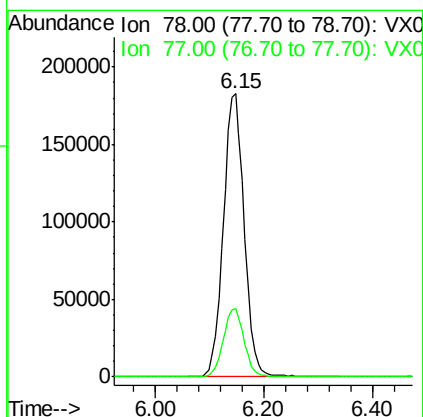
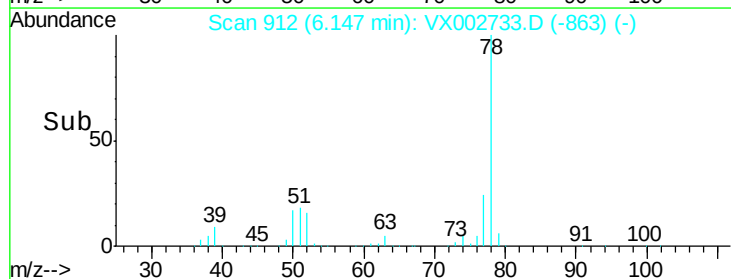
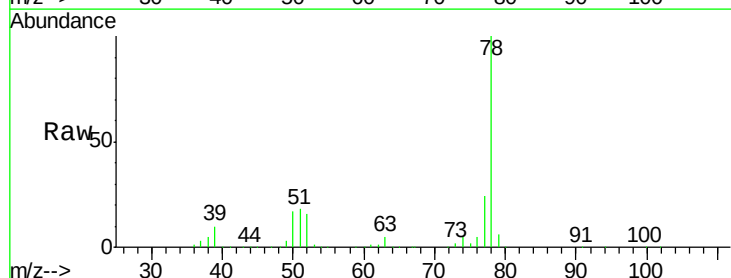
Instrument :
MSVOA_X
ClientSampled :

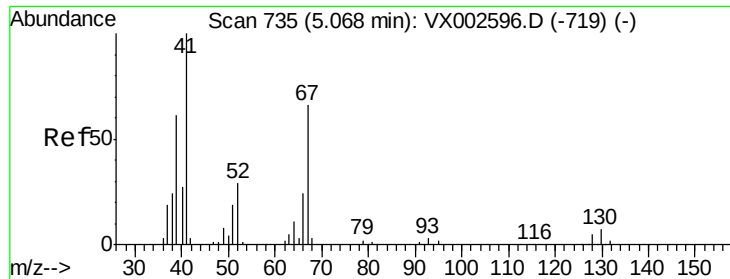
Tot Ion: 83 Resp: 194402
Ion Ratio Lower Upper
83 100
55 77.9 65.4 98.0
98 48.1 37.4 56.0



#40
Benzene
Concen: 48.65 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

Tgt Ion: 78 Resp: 485526
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7

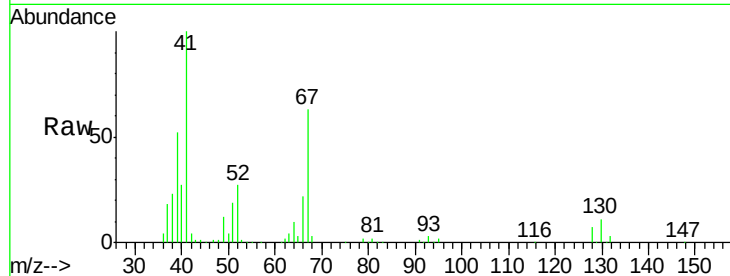




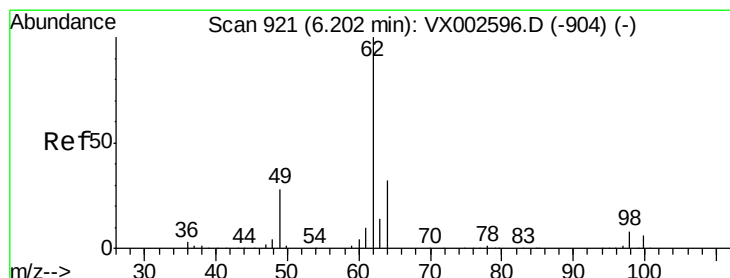
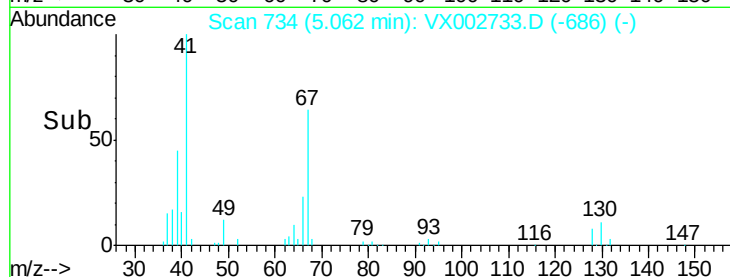
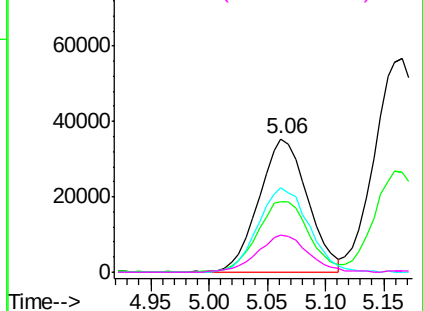
#41
Methacrylonitrile
Concen: 48.34 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	102808
Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.8	68.6
67	66.2	51.3	76.9
52	29.2	23.0	34.6

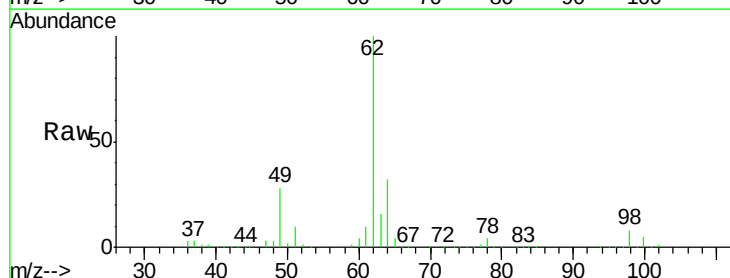


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

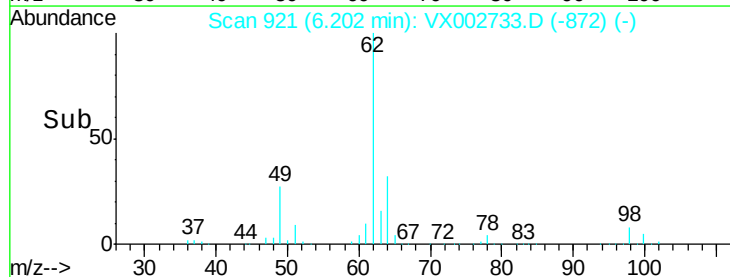
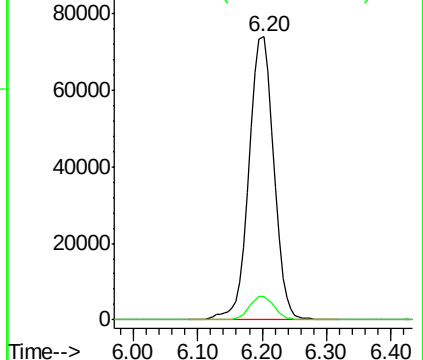


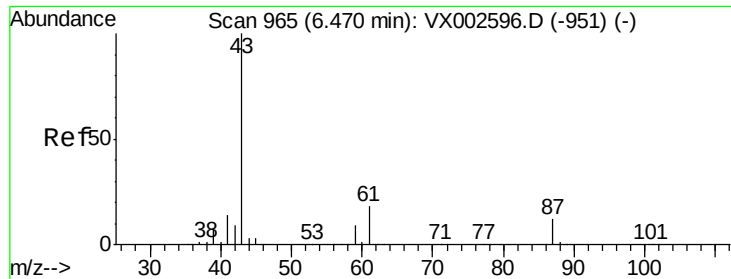
#42
1,2-Dichloroethane
Concen: 50.36 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

Tgt Ion:	62	Resp:	194551
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 48.03 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

ClientSampleId :

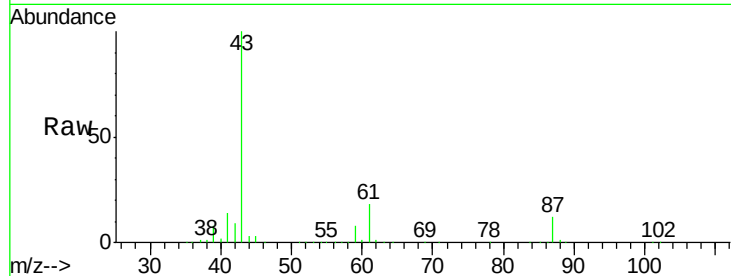
Tot Ion: 43 Resp: 299768

Ion Ratio Lower Upper

43 100

61 17.9 14.4 21.6

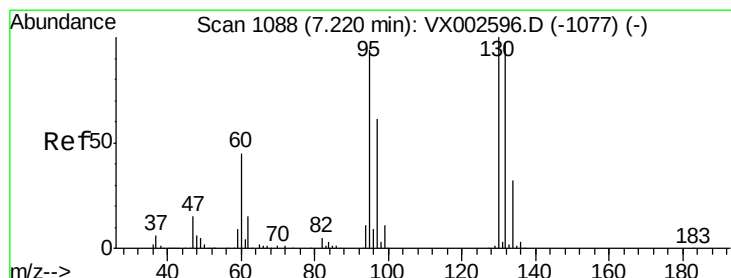
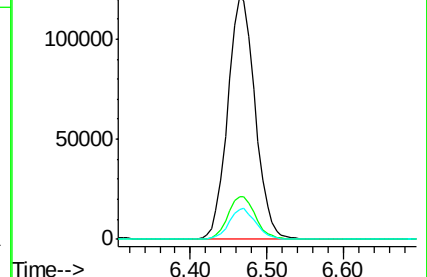
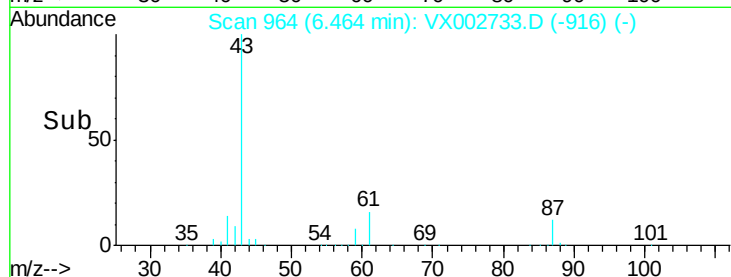
87 12.4 9.5 14.3



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: 49.49 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002733.D

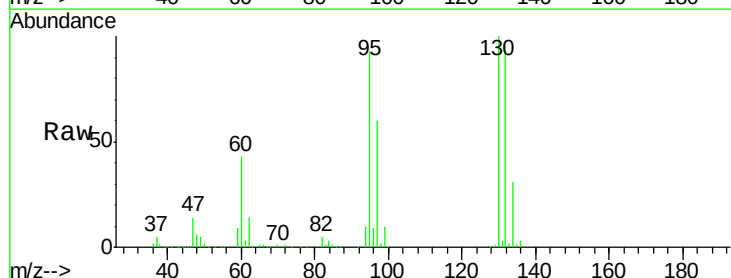
Acq: 20 Jun 2018 10:54

Tgt Ion:130 Resp: 142555

Ion Ratio Lower Upper

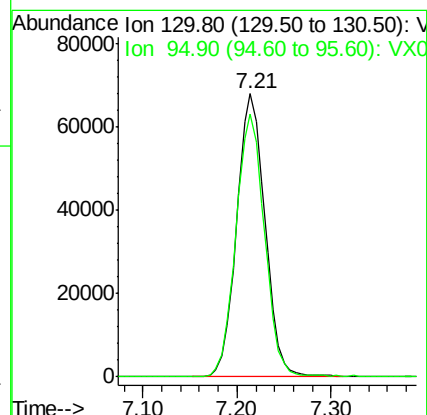
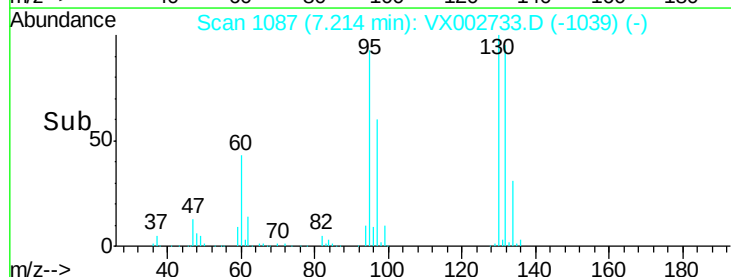
130 100

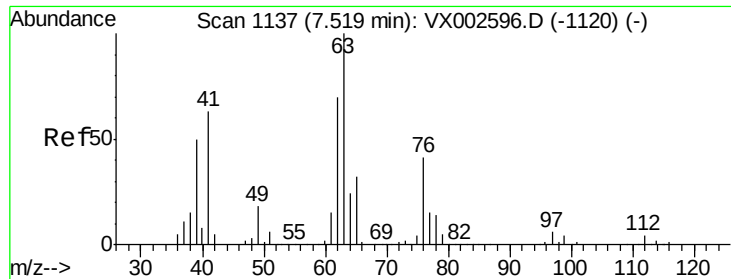
95 92.9 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

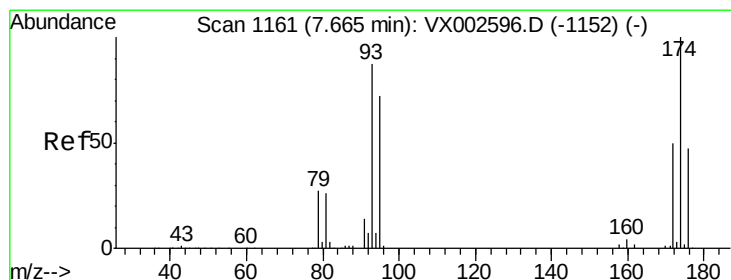
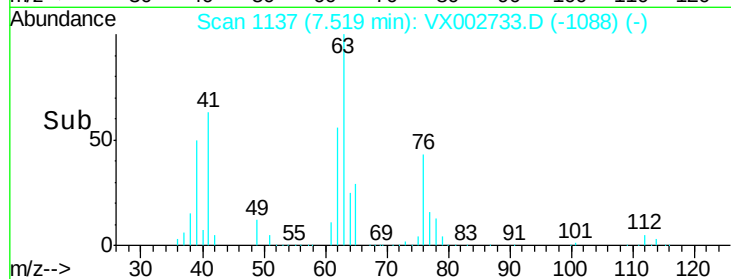
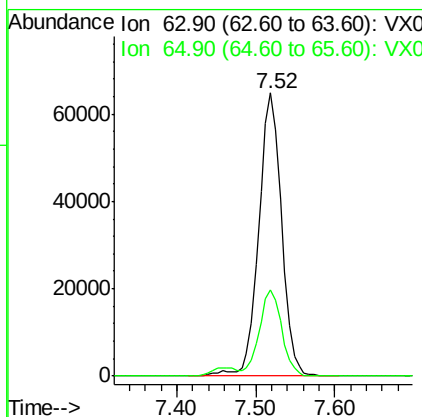
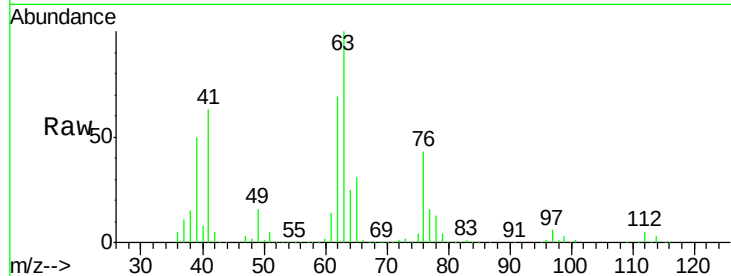




#45
 1,2-Dichloropropane
 Concen: 49.51 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

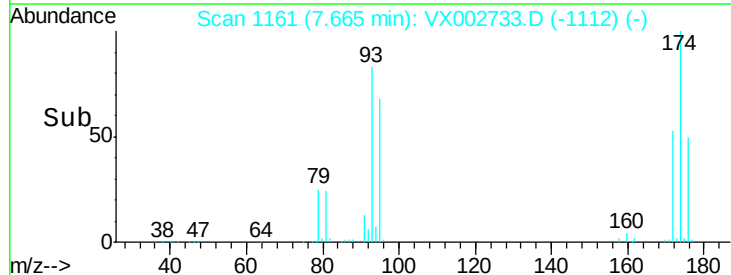
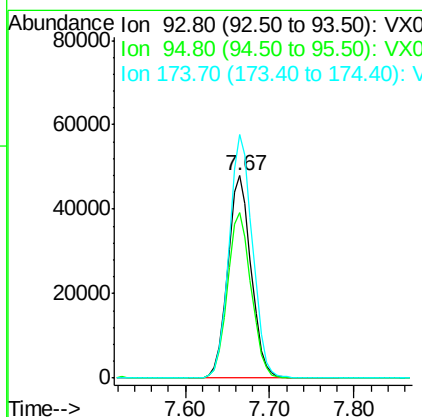
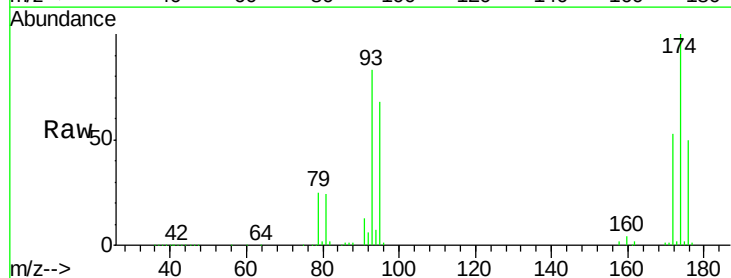
Instrument :
 MSVOA_X
 ClientSampleId :

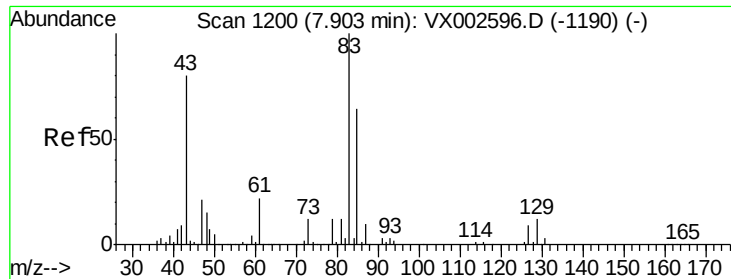
Tot Ion: 63 Resp: 130029
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1



#46
 Dibromomethane
 Concen: 51.61 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

Tgt Ion: 93 Resp: 90665
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.9 98.9
 174 119.9 92.4 138.6





#47

Bromodichloromethane

Concen: 54.52 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

ClientSampleId :

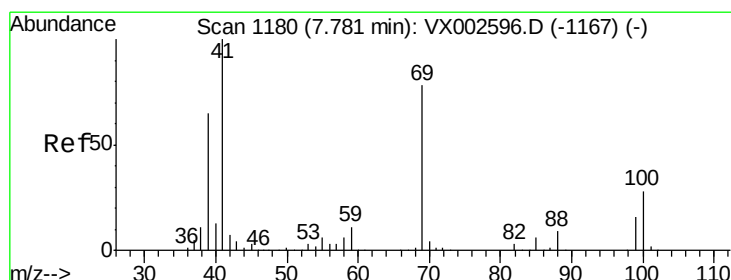
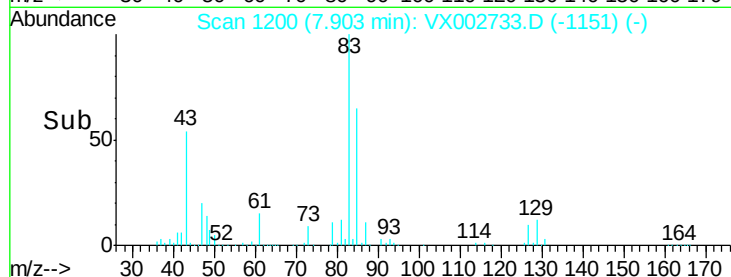
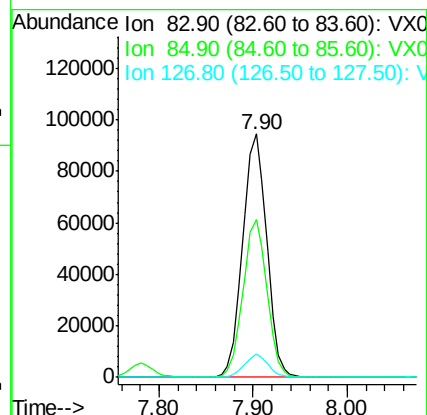
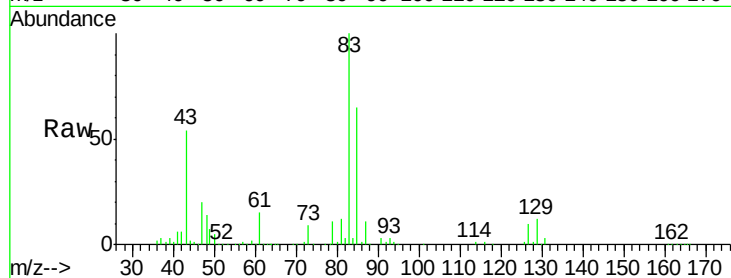
Tot Ion: 83 Resp: 168940

Ion Ratio Lower Upper

83 100

85 65.0 50.3 75.5

127 9.8 7.0 10.4



#48

Methyl methacrylate

Concen: 49.40 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

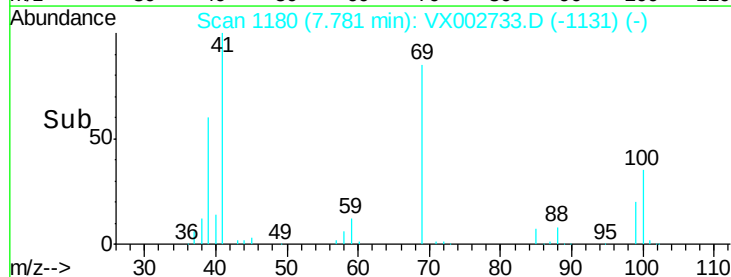
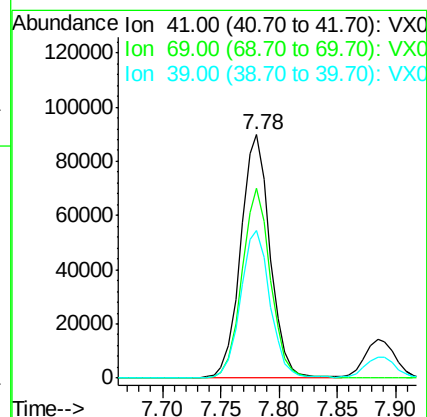
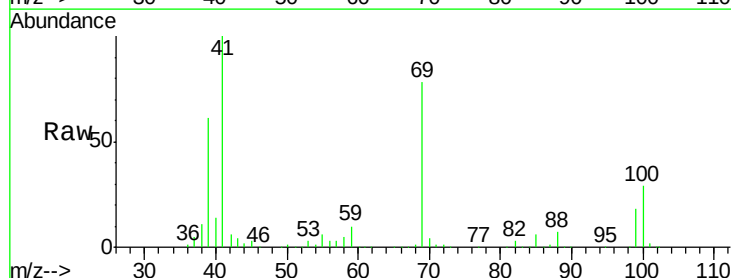
Tgt Ion: 41 Resp: 157552

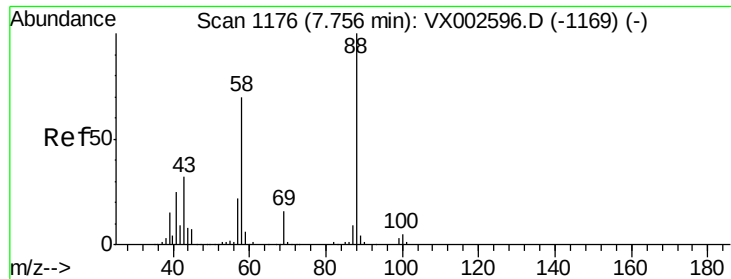
Ion Ratio Lower Upper

41 100

69 76.4 59.1 88.7

39 61.1 48.9 73.3





#49

1,4-Dioxane

Concen: 865.15 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :
MSVOA_X
ClientSampleId :

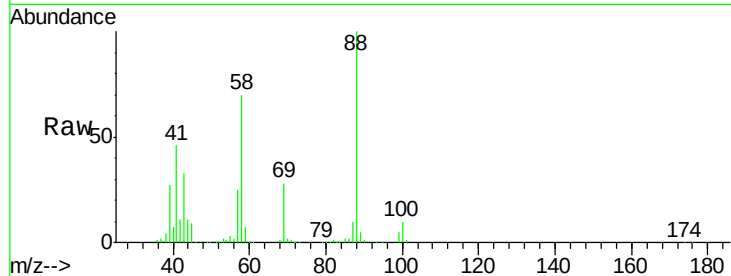
Tot Ion: 88 Resp: 52253

Ion Ratio Lower Upper

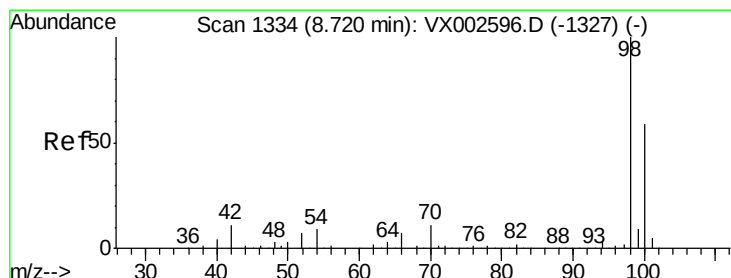
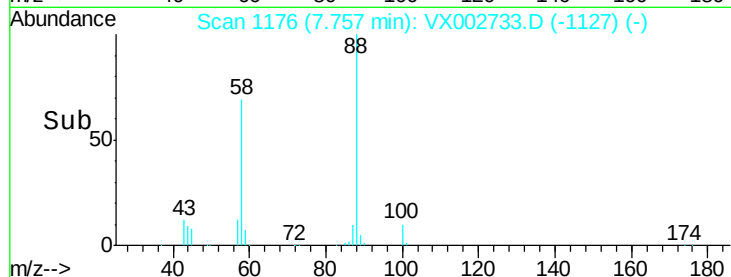
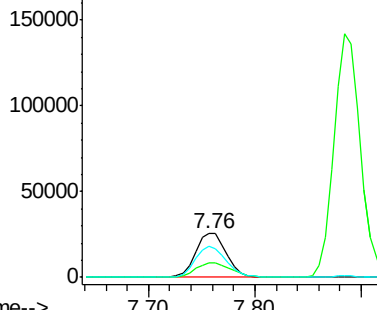
88 100

43 38.2 29.8 44.6

58 70.9 57.1 85.7



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



#50

Toluene-d8

Concen: 44.69 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002733.D

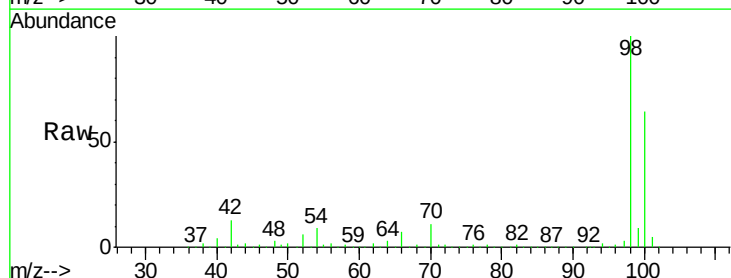
Acq: 20 Jun 2018 10:54

Tgt Ion: 98 Resp: 424366

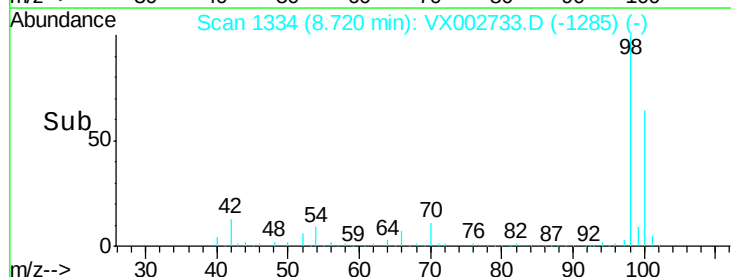
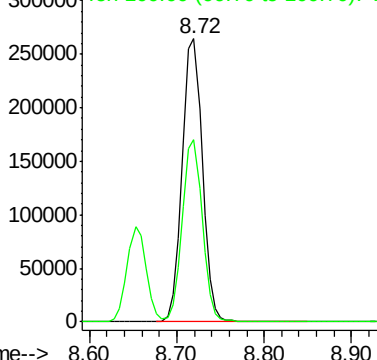
Ion Ratio Lower Upper

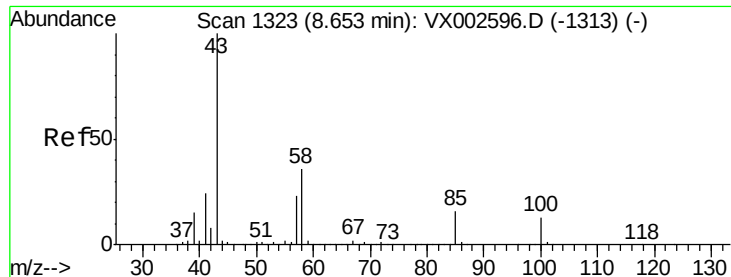
98 100

100 63.9 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 241.51 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

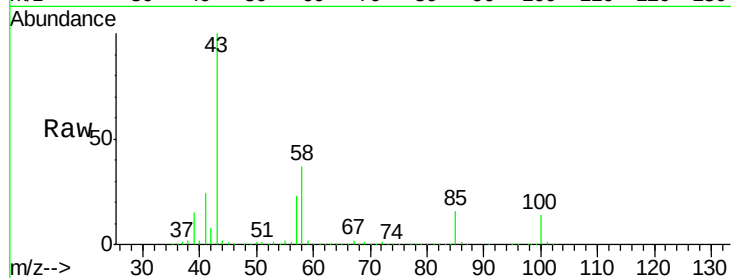
ClientSampleId :

Tot Ion: 43 Resp: 967799

Ion Ratio Lower Upper

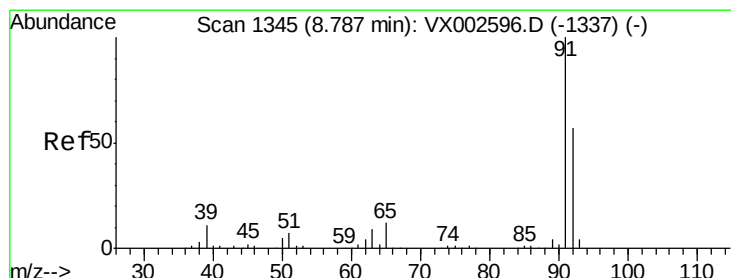
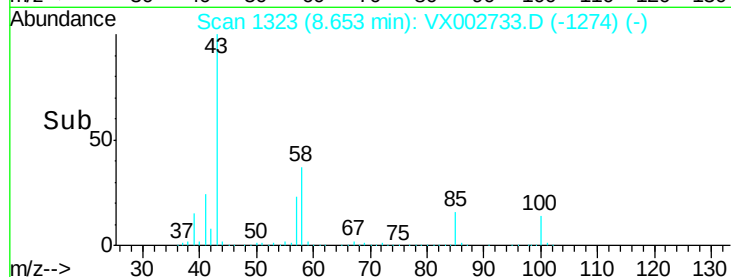
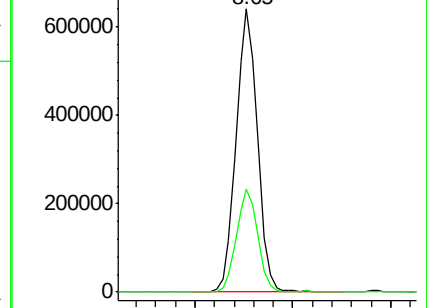
43 100

58 36.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.51 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002733.D

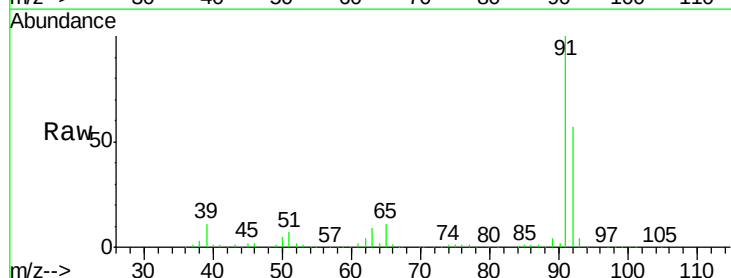
Acq: 20 Jun 2018 10:54

Tgt Ion: 92 Resp: 315190

Ion Ratio Lower Upper

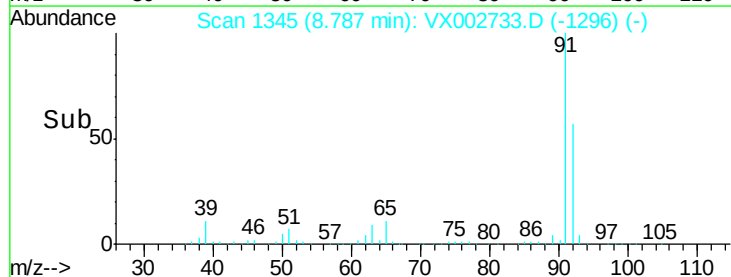
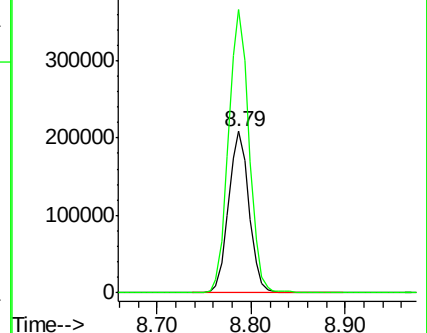
92 100

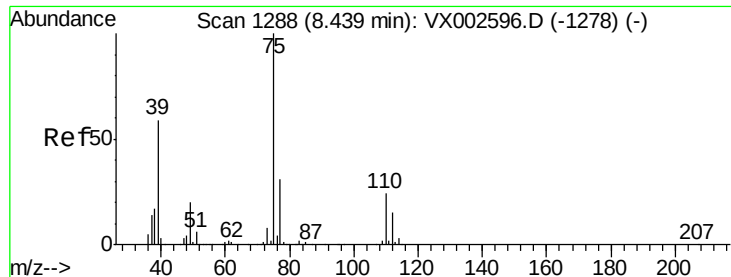
91 175.5 140.4 210.6



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: 49.16 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

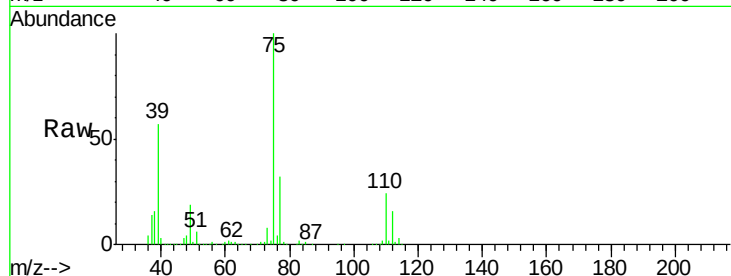
ClientSampled :

Tot Ion: 75 Resp: 201449

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

150000

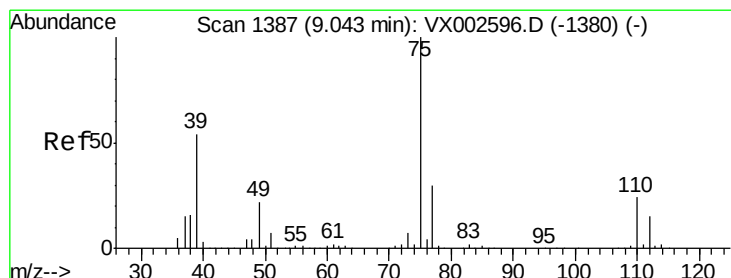
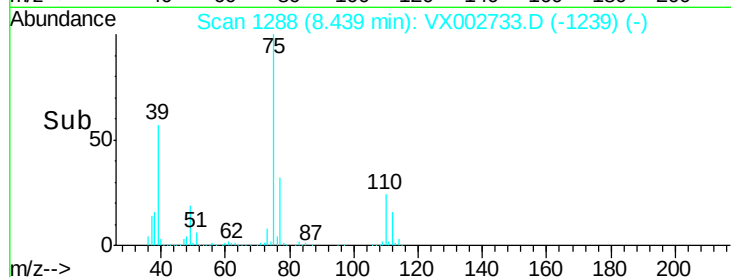
100000

50000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.39 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

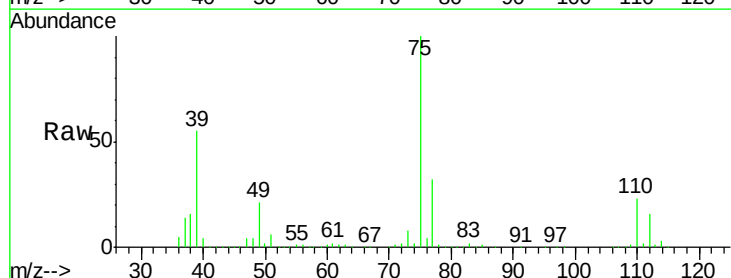
Tgt Ion: 75 Resp: 188919

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

39 54.7 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

150000

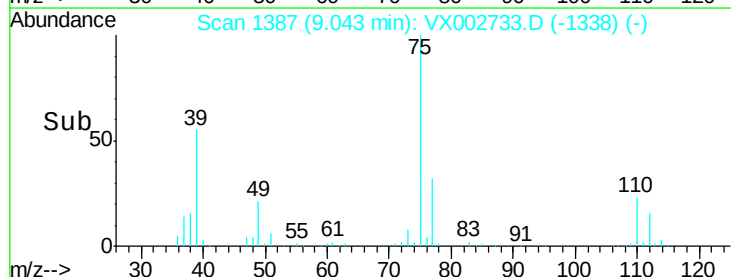
100000

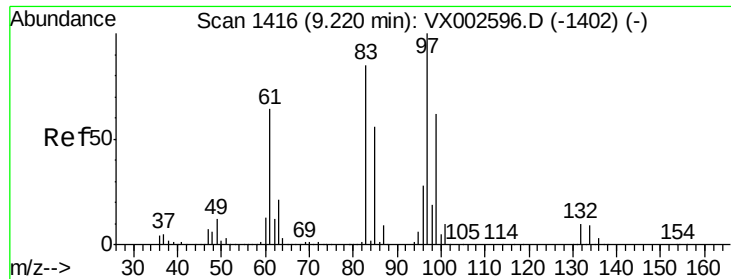
50000

0

9.00 9.10

Time-->



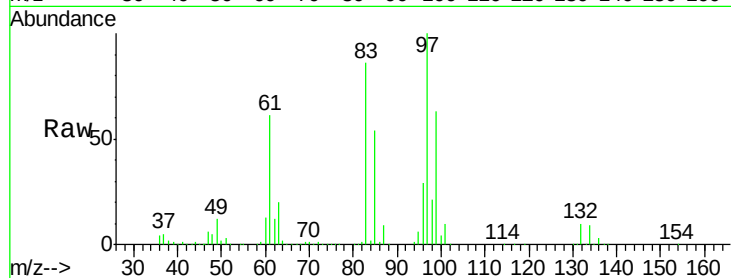


#55
 1,1,2-Trichloroethane
 Concen: 52.07 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

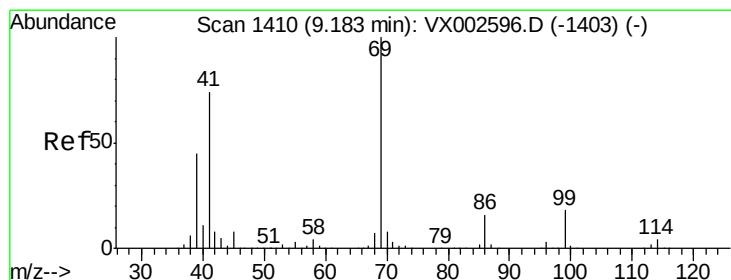
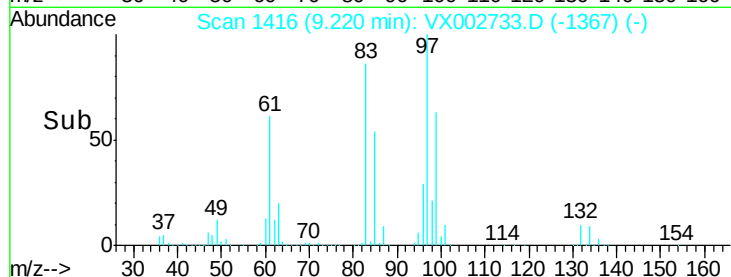
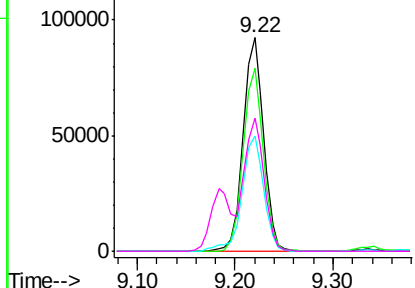
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 133941

Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.2	105.2
85	53.7	44.9	67.3
99	62.5	49.8	74.8



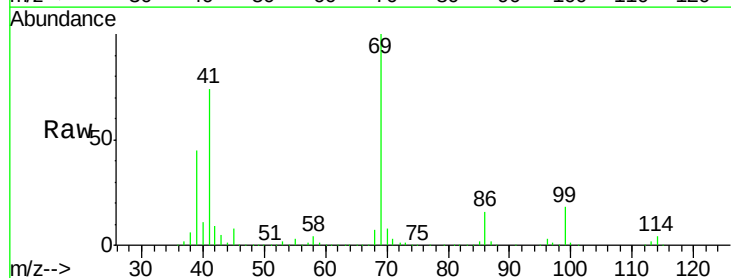
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



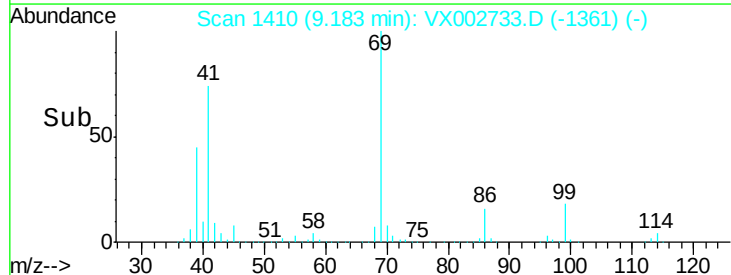
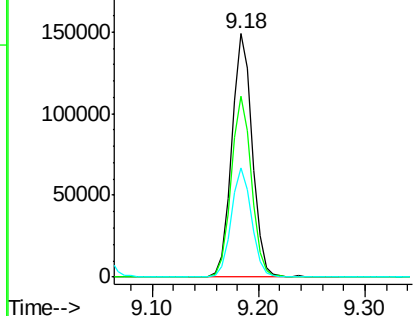
#56
 Ethyl methacrylate
 Concen: 50.92 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

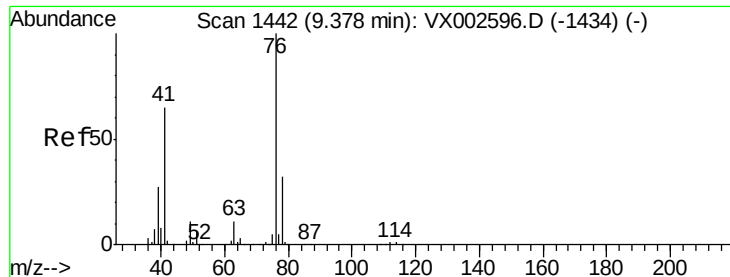
Tgt Ion: 69 Resp: 201554

Ion	Ratio	Lower	Upper
69	100		
41	73.0	60.3	90.5
39	44.1	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

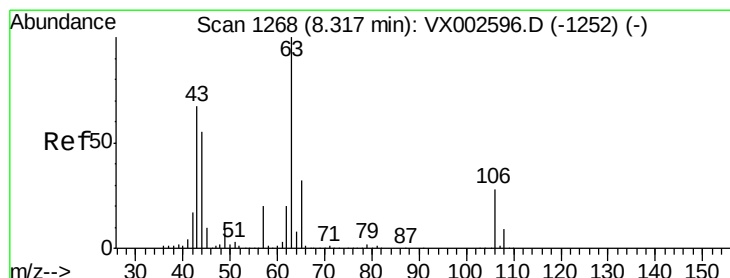
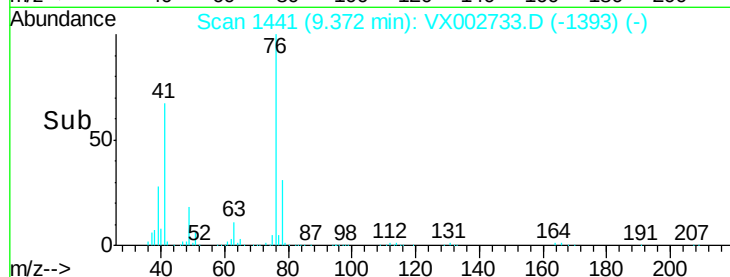
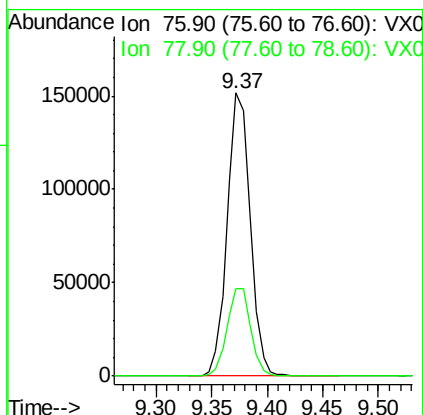
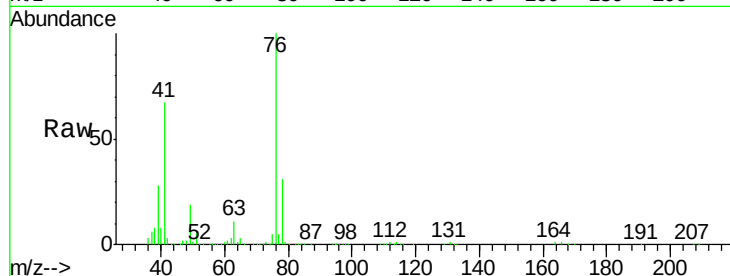




#57
 1,3-Dichloropropane
 Concen: 50.09 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

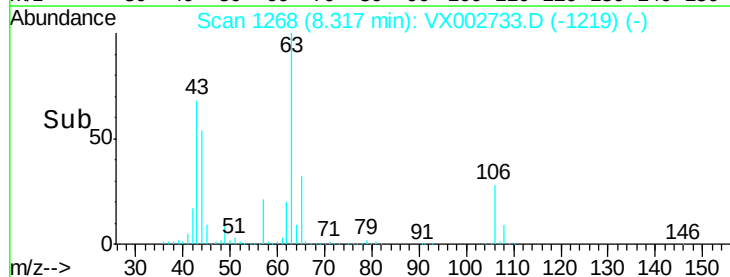
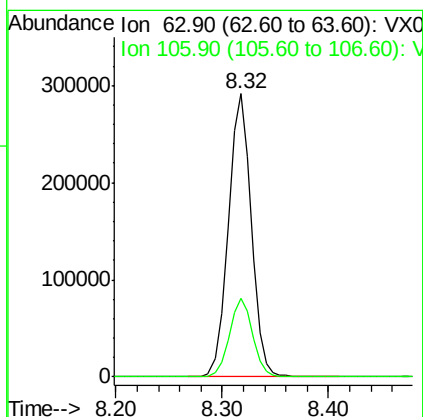
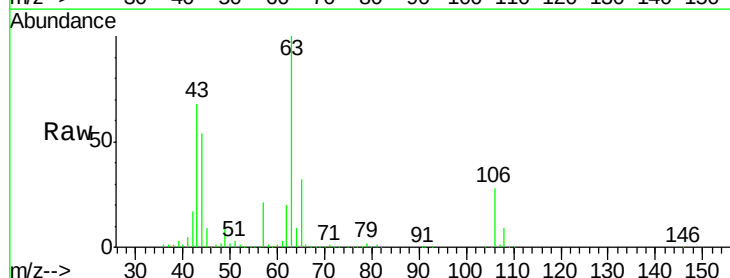
Instrument :
 MSVOA_X
 ClientSampleId :

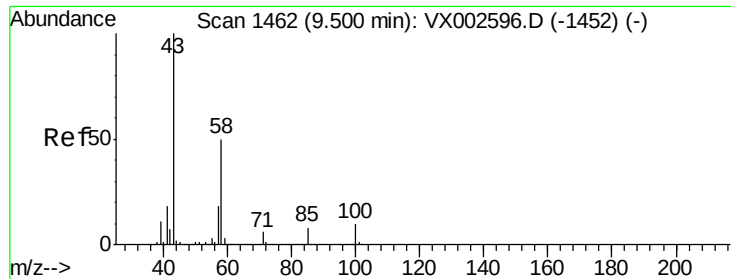
Tot Ion: 76 Resp: 217890
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 229.94 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

Tgt Ion: 63 Resp: 440236
 Ion Ratio Lower Upper
 63 100
 106 28.0 21.8 32.8

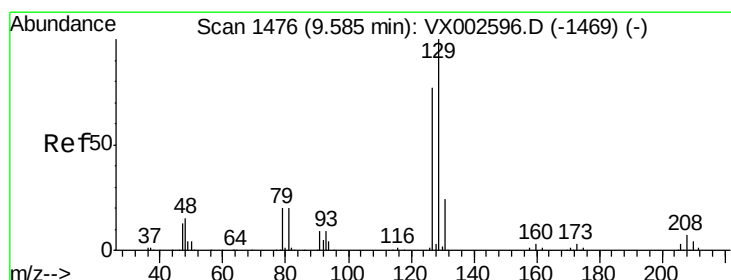
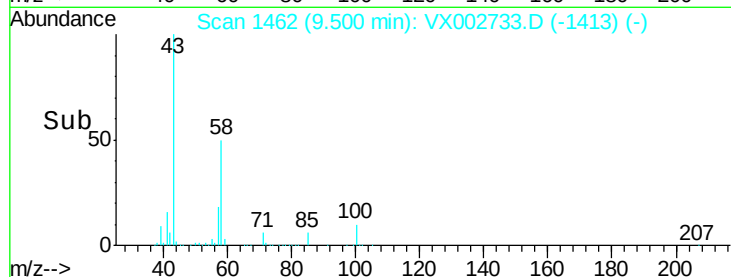
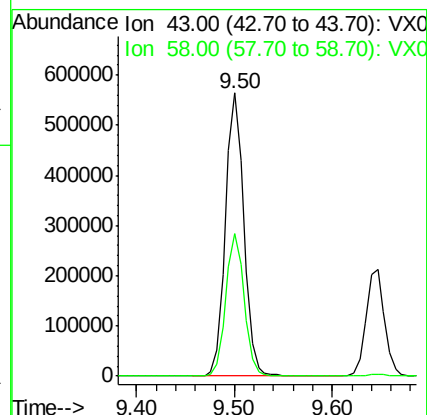
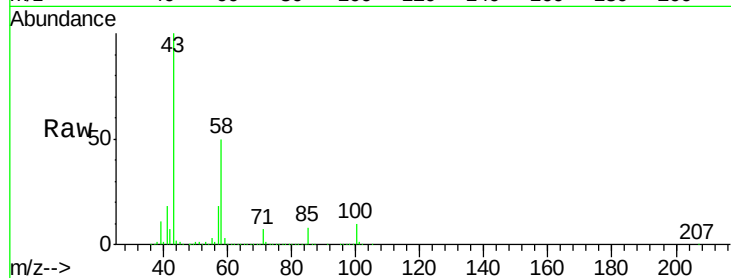




#59
2-Hexanone
Concen: 244.82 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

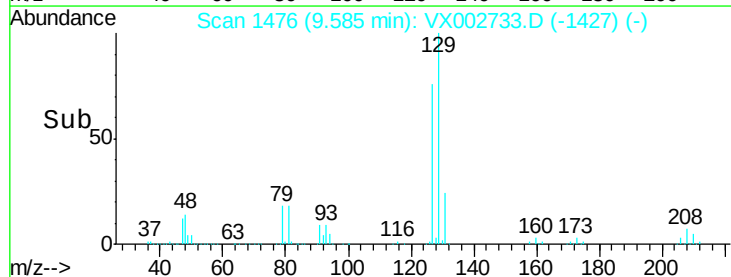
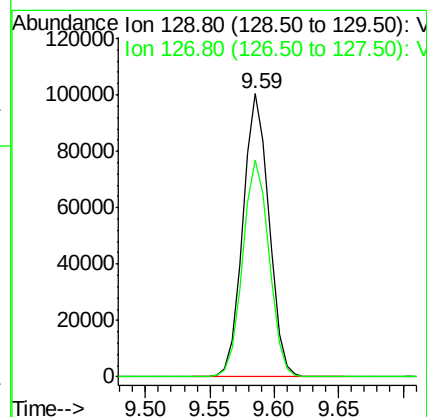
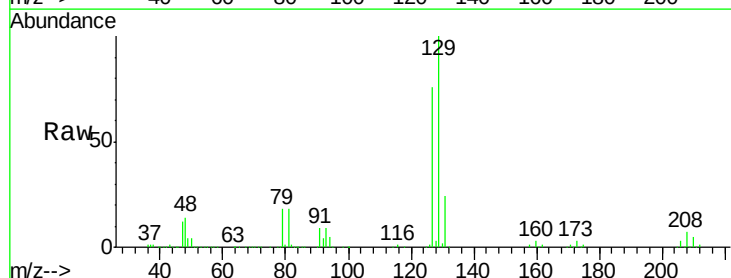
Instrument :
MSVOA_X
ClientSampleId :

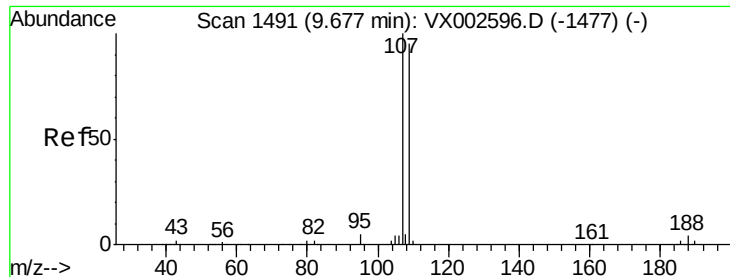
Tot Ion: 43 Resp: 739272
Ion Ratio Lower Upper
43 100
58 50.3 24.6 73.6



#60
Dibromochloromethane
Concen: 48.67 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

Tgt Ion: 129 Resp: 140500
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.03 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

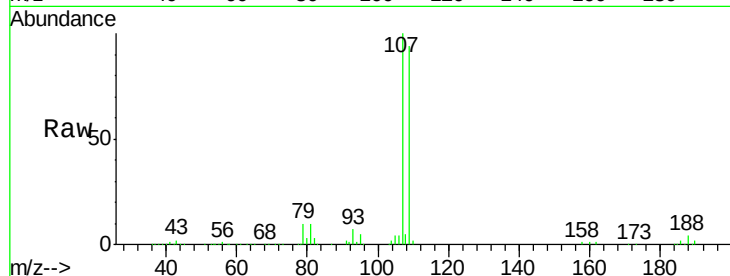
ClientSampled :

Tot Ion:107 Resp: 141271

Ion Ratio Lower Upper

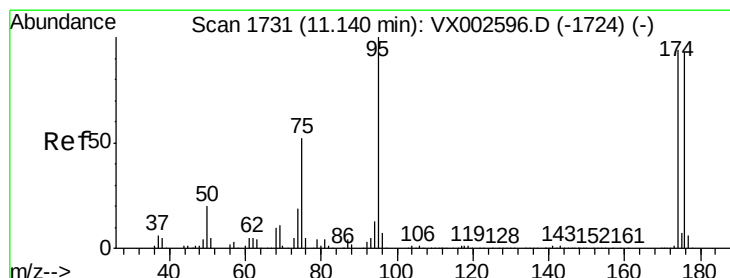
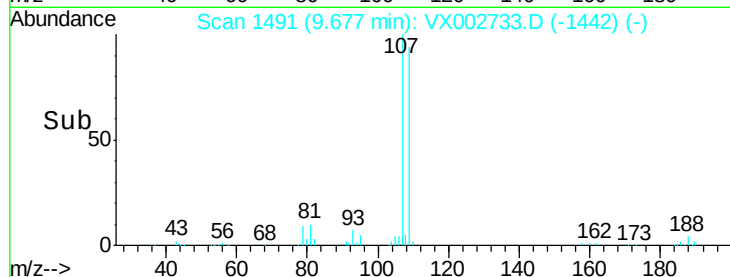
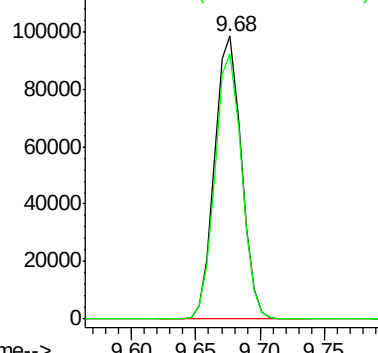
107 100

109 93.3 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: 46.17 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

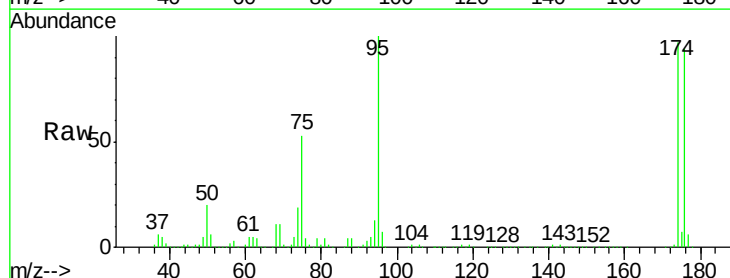
Tgt Ion: 95 Resp: 166147

Ion Ratio Lower Upper

95 100

174 98.8 0.0 187.4

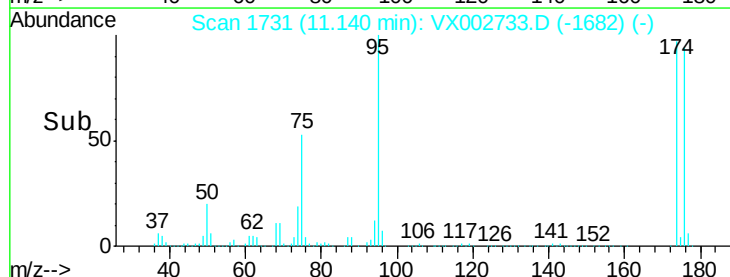
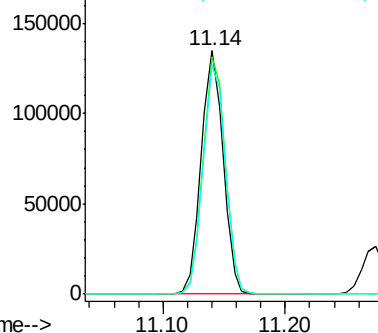
176 96.0 0.0 181.0

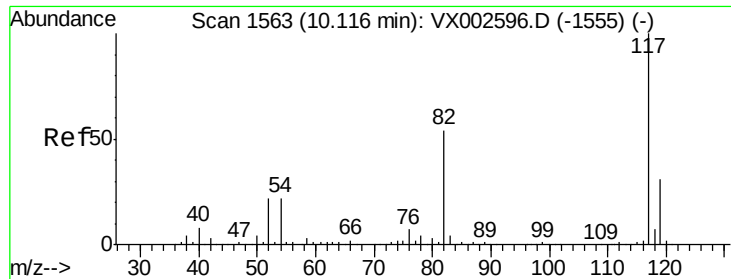


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

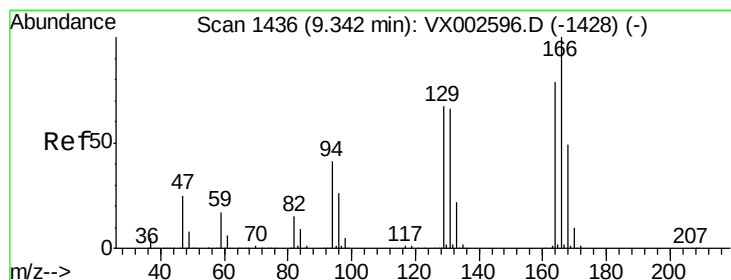
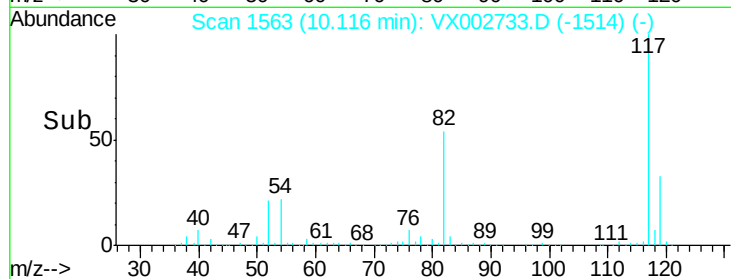
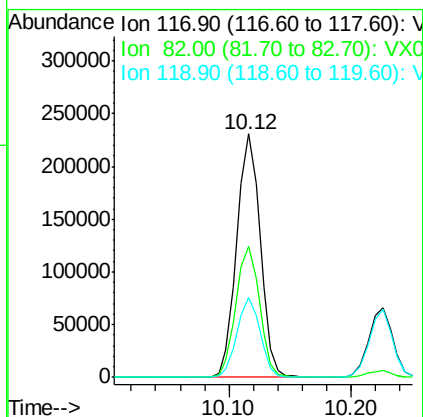
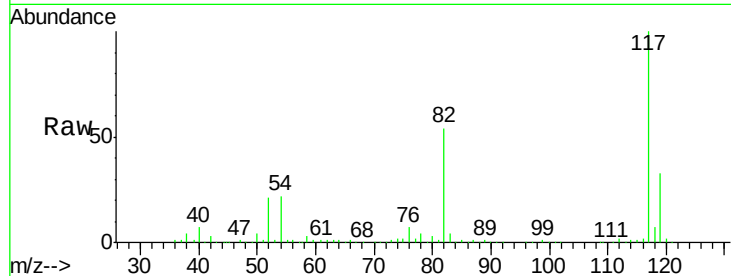




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

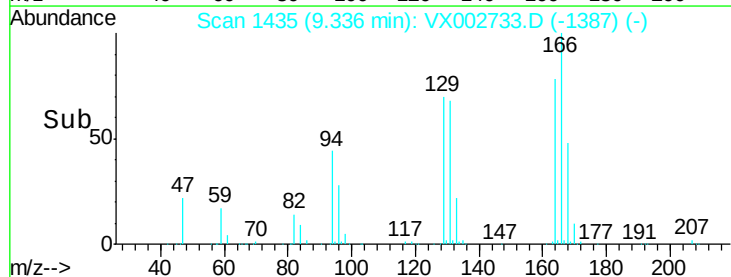
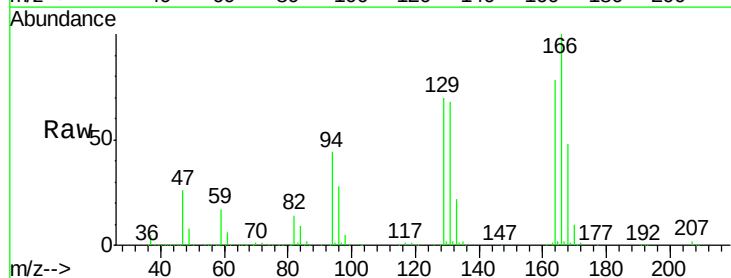
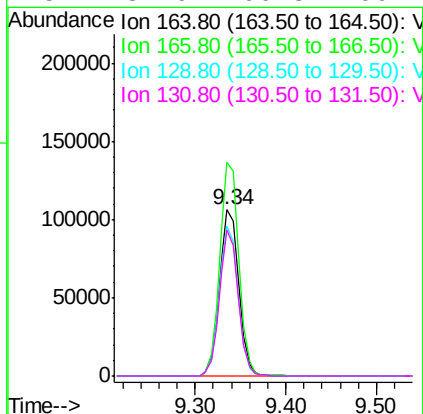
Instrument :
MSVOA_X
ClientSampleId :

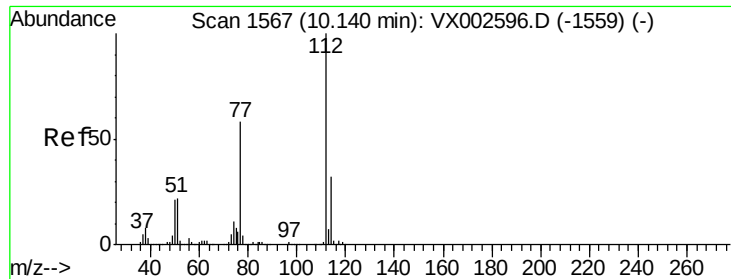
Tot Ion:117 Resp: 306475
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 45.95 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

Tgt Ion:164 Resp: 156316
Ion Ratio Lower Upper
164 100
166 128.7 102.9 154.3
129 90.5 68.6 102.8
131 87.9 66.8 100.2

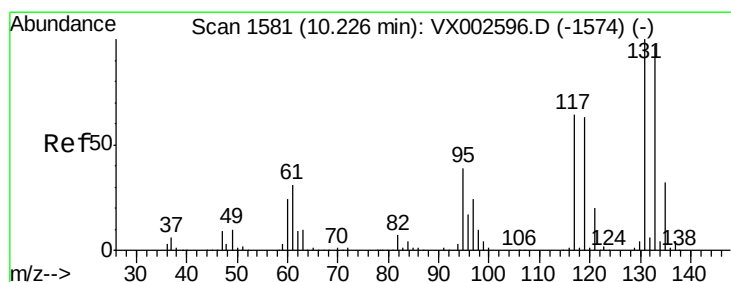
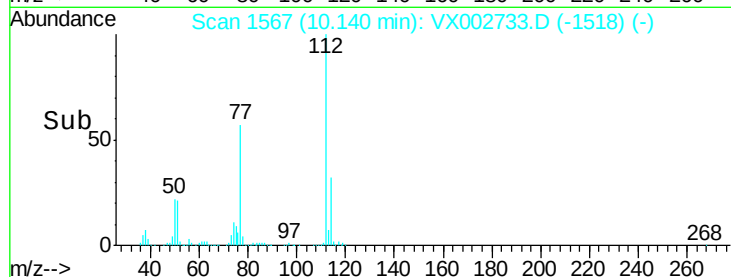
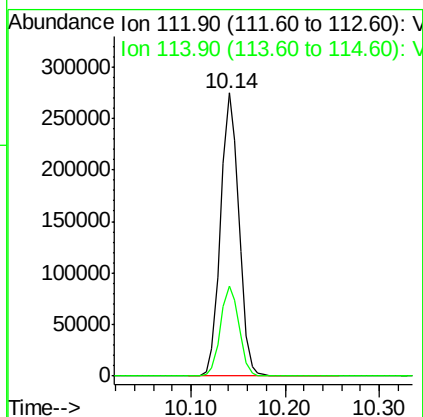
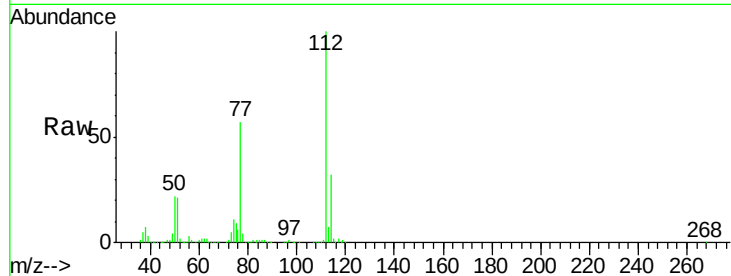




#65
Chlorobenzene
Concen: 49.38 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

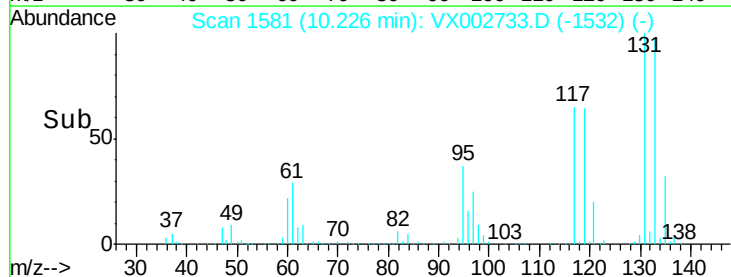
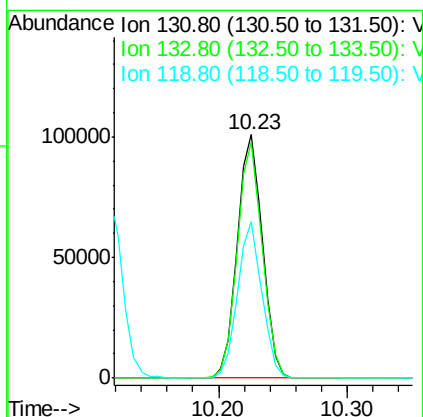
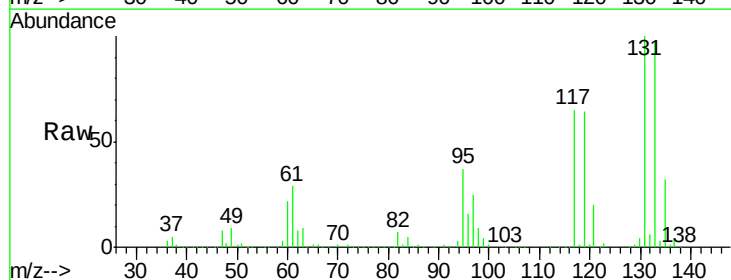
Instrument :
MSVOA_X
ClientSampleId :

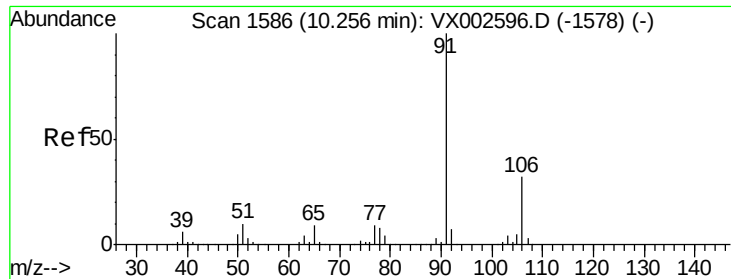
Tot Ion:112 Resp: 371687
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.36 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

Tgt Ion:131 Resp: 136925
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 62.5 31.8 95.3

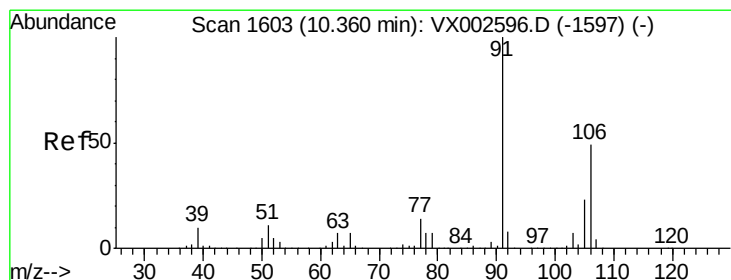
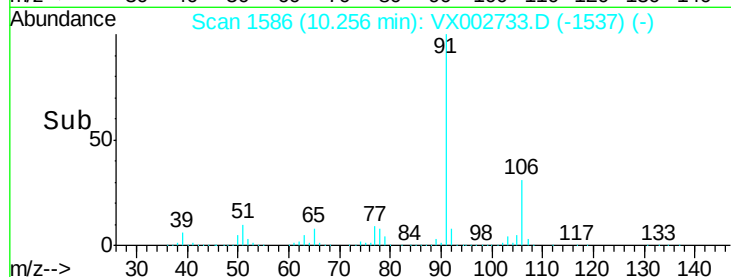
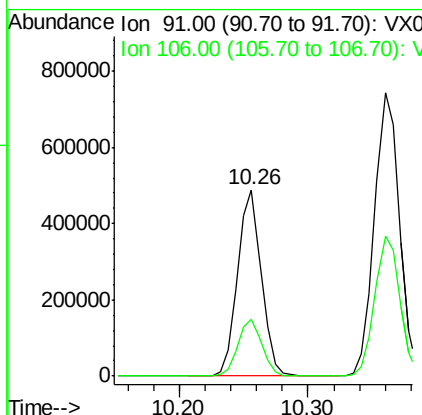
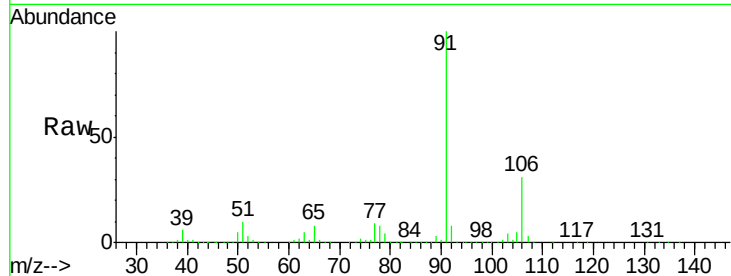




#67
Ethyl Benzene
Concen: 49.36 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

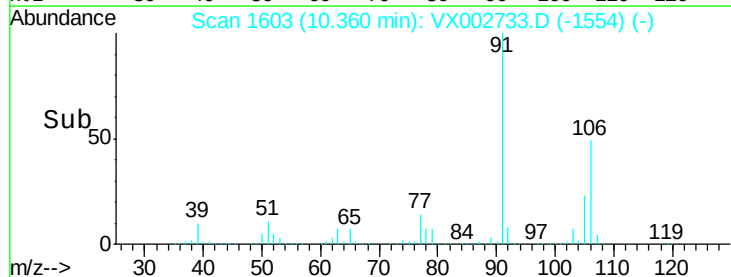
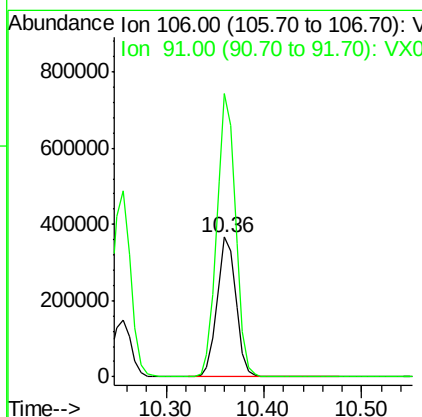
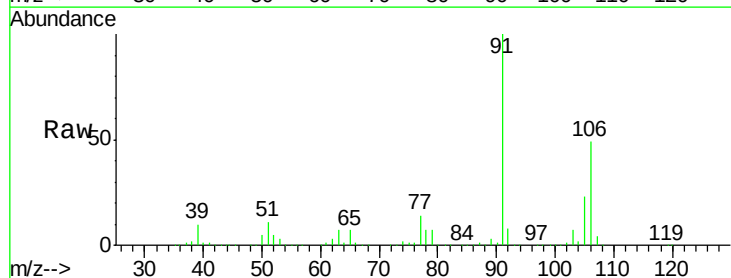
Instrument :
MSVOA_X
ClientSampleId :

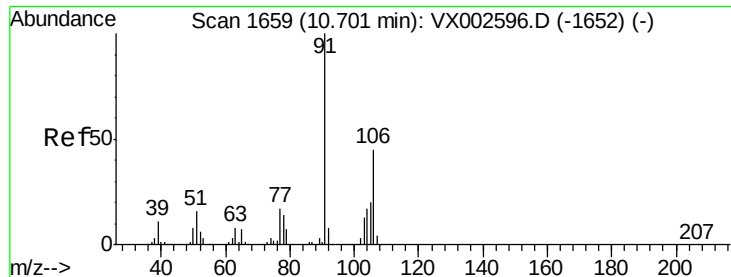
Tot Ion: 91 Resp: 626607
Ion Ratio Lower Upper
91 100
106 30.8 25.5 38.3



#68
m/p-Xylenes
Concen: 100.08 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

Tgt Ion: 106 Resp: 490077
Ion Ratio Lower Upper
106 100
91 202.6 163.4 245.2

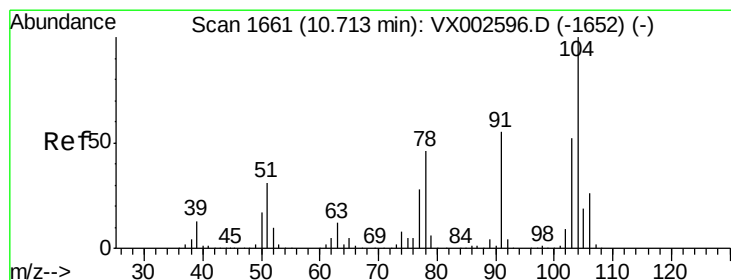
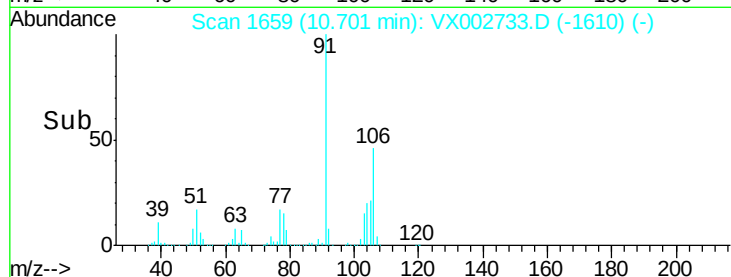
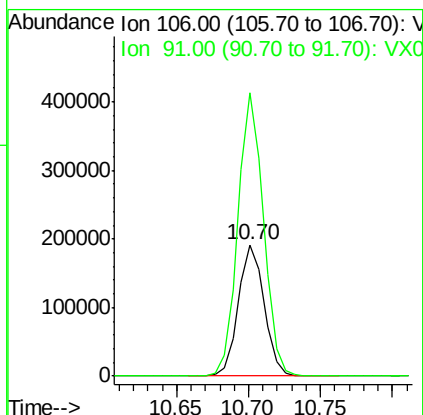
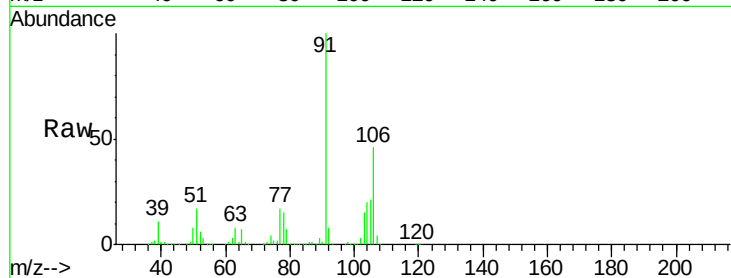




#69
o-Xylene
Concen: 49.76 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

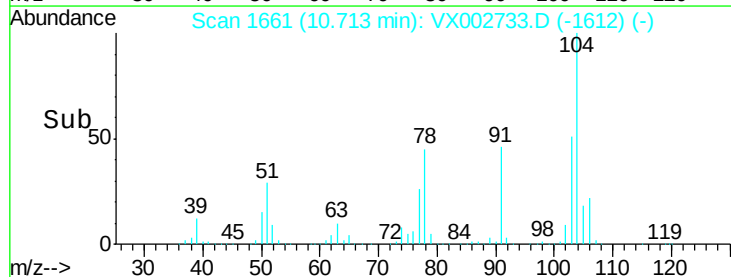
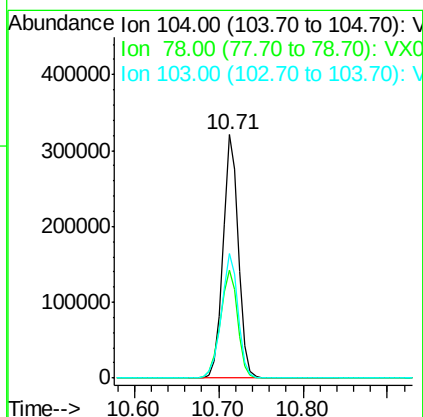
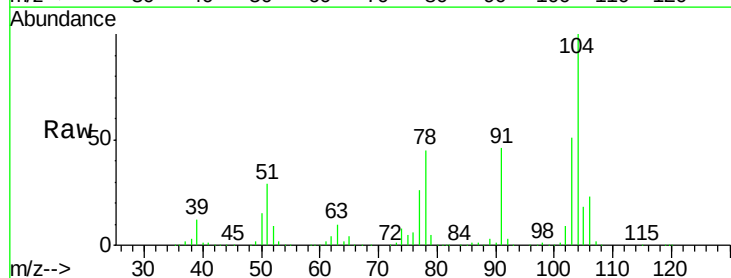
Instrument :
MSVOA_X
ClientSampled :

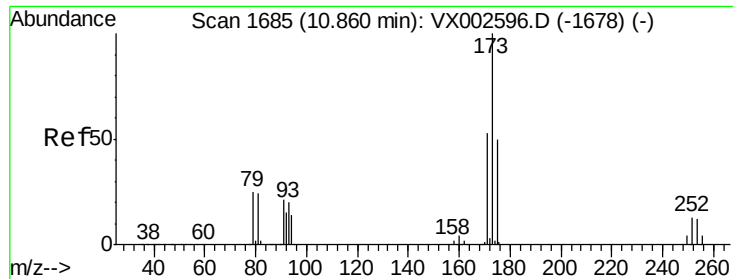
Tot Ion:106 Resp: 239414
Ion Ratio Lower Upper
106 100
91 213.5 108.2 324.6



#70
Styrene
Concen: 51.32 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 10:54

Tgt Ion:104 Resp: 406097
Ion Ratio Lower Upper
104 100
78 50.3 41.0 61.6
103 55.7 44.2 66.4





#71

Bromoform

Concen: 47.71 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

ClientSampled :

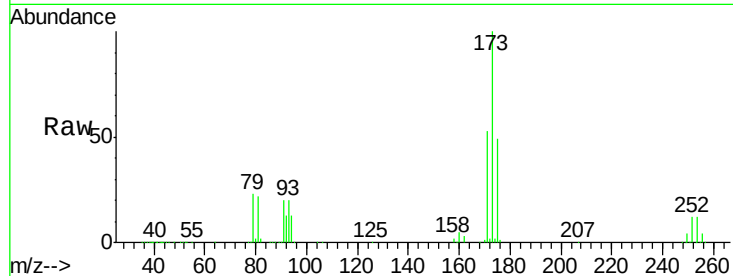
Tot Ion:173 Resp: 110871

Ion Ratio Lower Upper

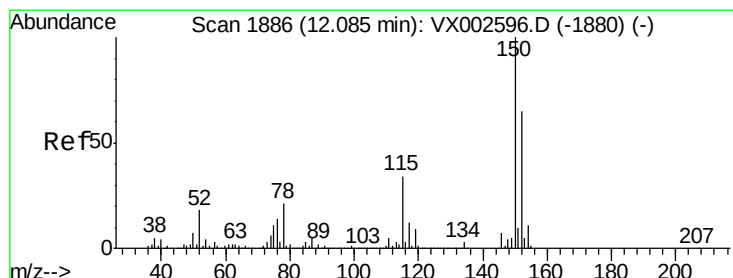
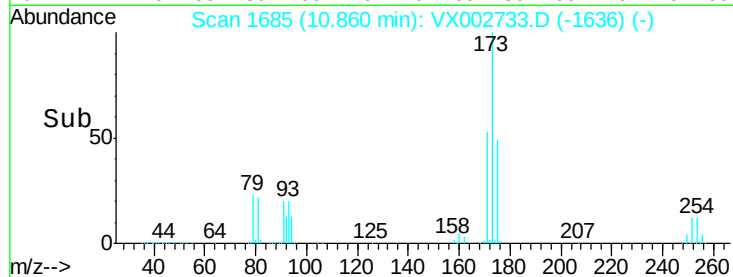
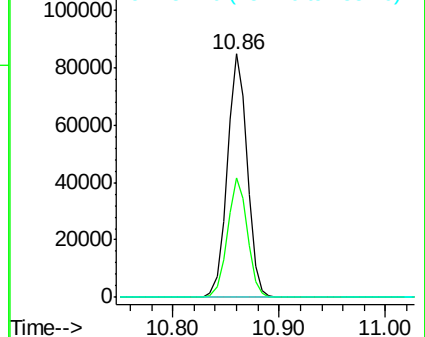
173 100

175 49.0 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

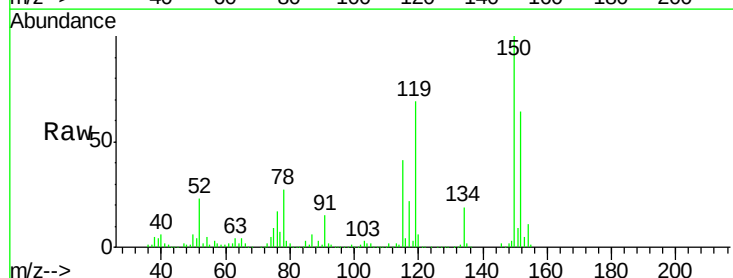
Tgt Ion:152 Resp: 201407

Ion Ratio Lower Upper

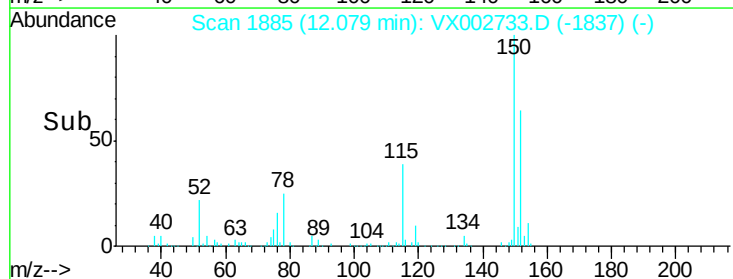
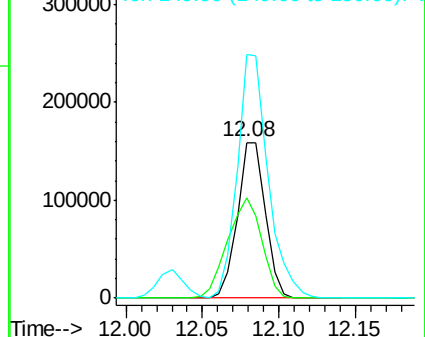
152 100

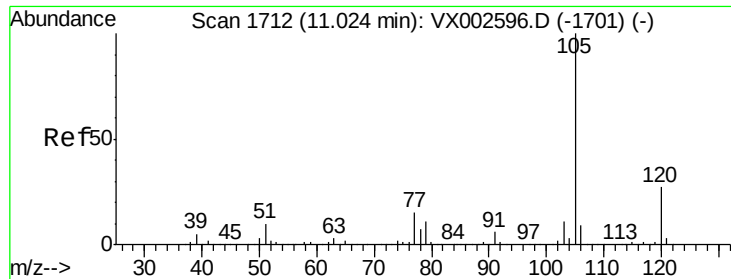
115 78.6 40.1 120.2

150 172.9 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: 47.78 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

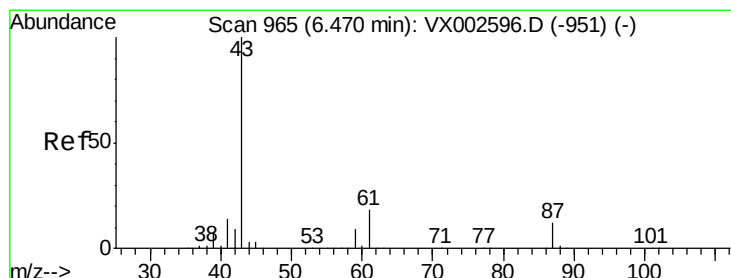
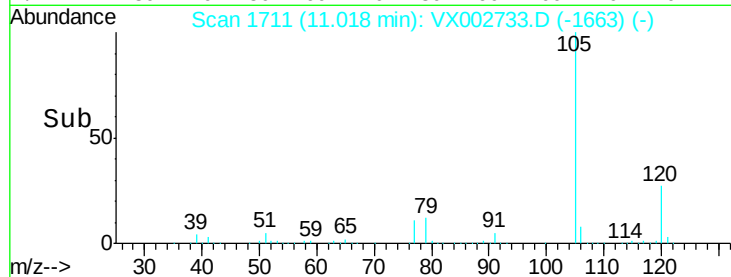
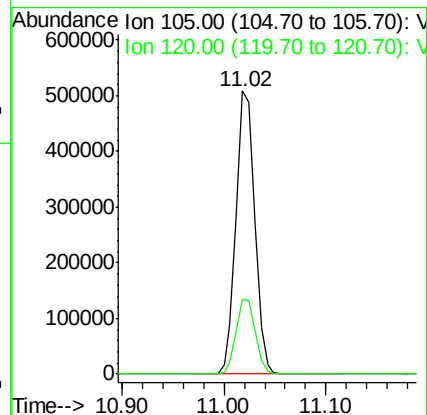
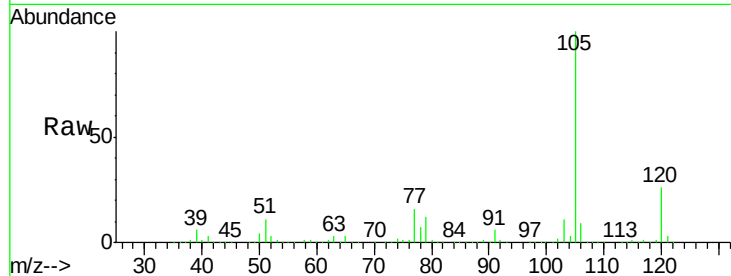
ClientSampled :

Tot Ion:105 Resp: 643573

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#74

N-ethyl acetate

Concen: 44.79 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Tgt Ion: 43 Resp: 299768

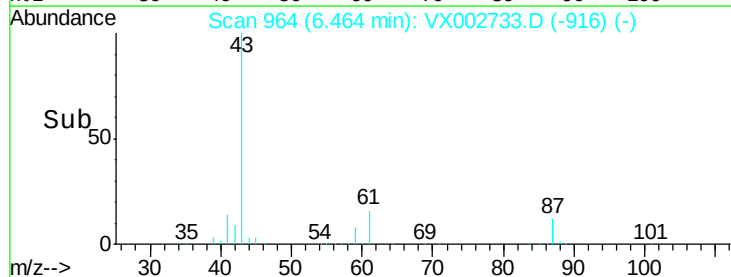
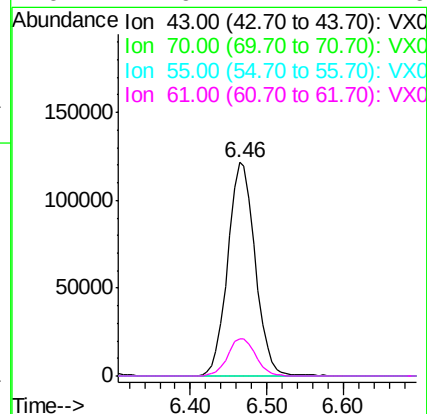
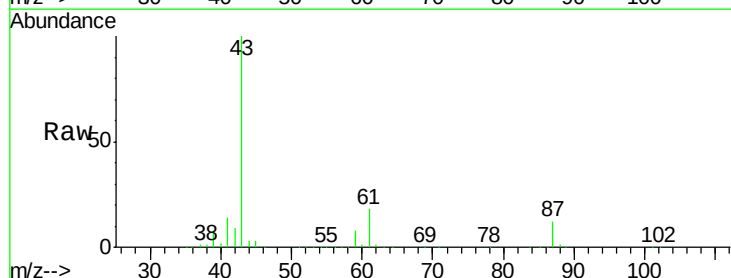
Ion Ratio Lower Upper

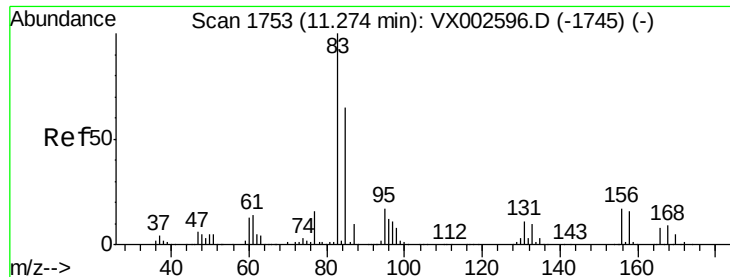
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.22 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

ClientSampled :

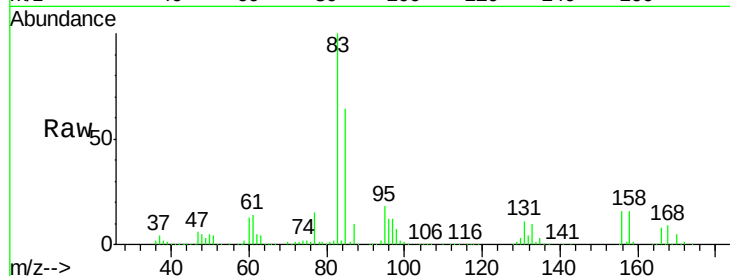
Tot Ion: 83 Resp: 199756

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

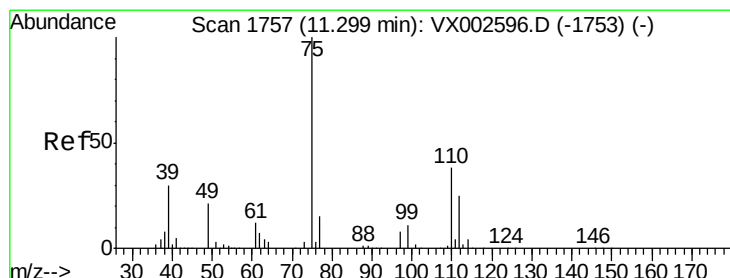
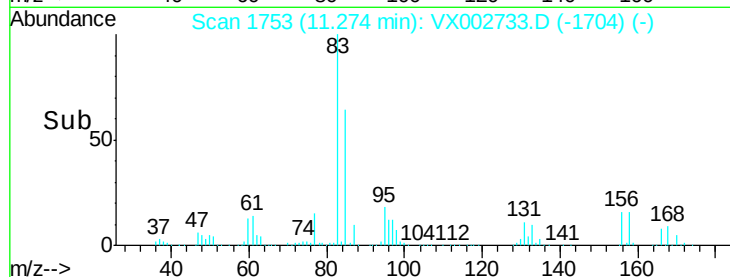
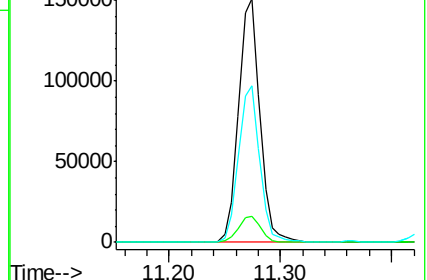
85 64.1 32.4 97.2



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: 60.53 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002733.D

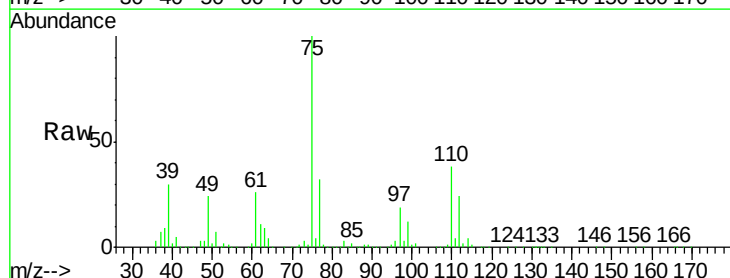
Acq: 20 Jun 2018 10:54

Tgt Ion: 75 Resp: 230042

Ion Ratio Lower Upper

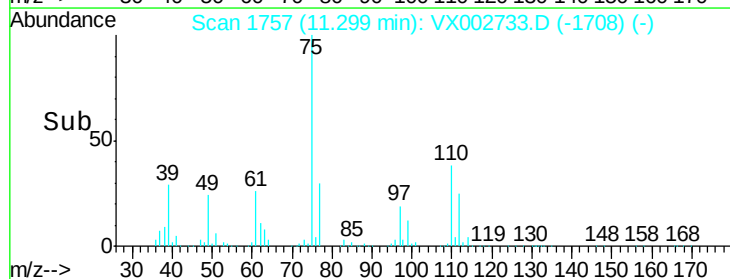
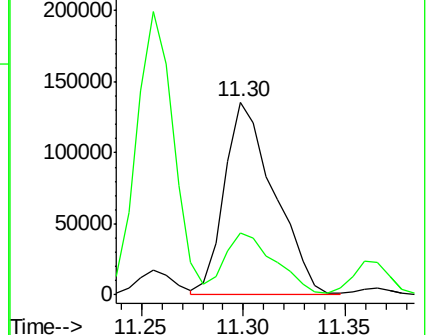
75 100

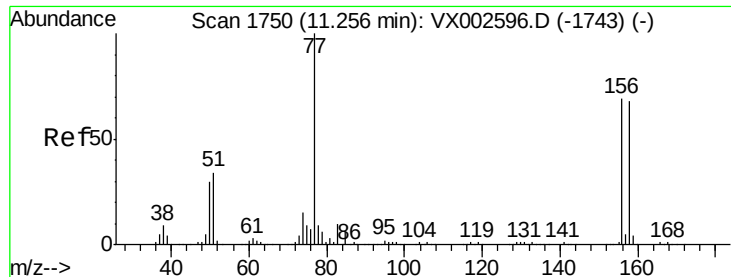
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.03 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

ClientSampled :

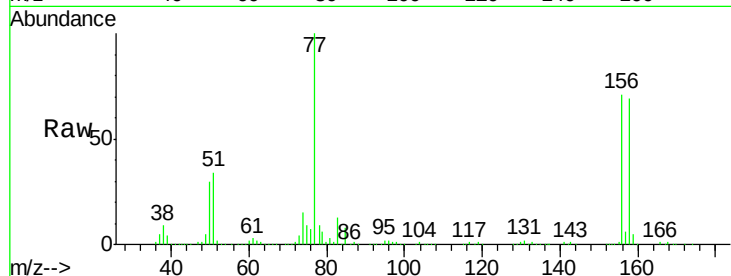
Tot Ion:156 Resp: 183986

Ion Ratio Lower Upper

156 100

77 136.5 71.4 214.2

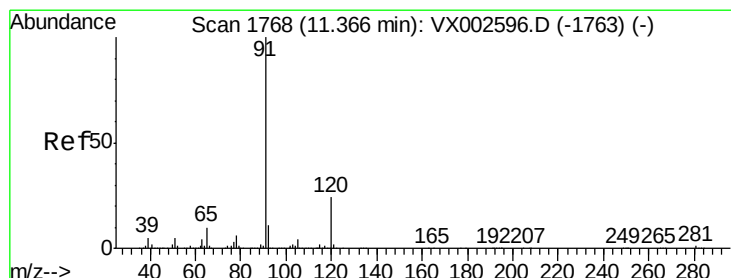
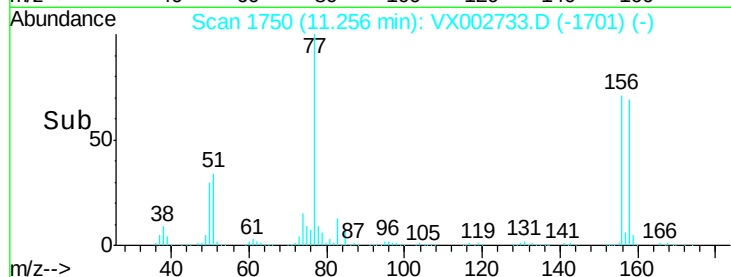
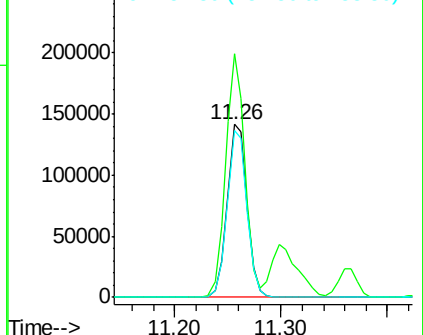
158 96.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.00 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002733.D

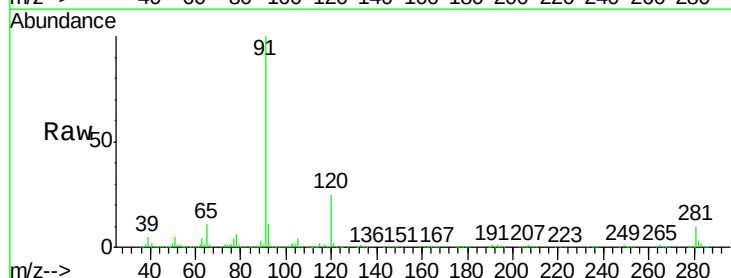
Acq: 20 Jun 2018 10:54

Tgt Ion: 91 Resp: 741492

Ion Ratio Lower Upper

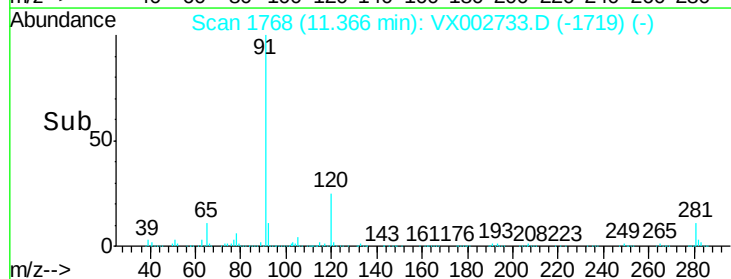
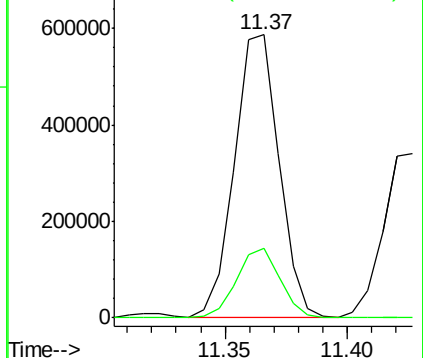
91 100

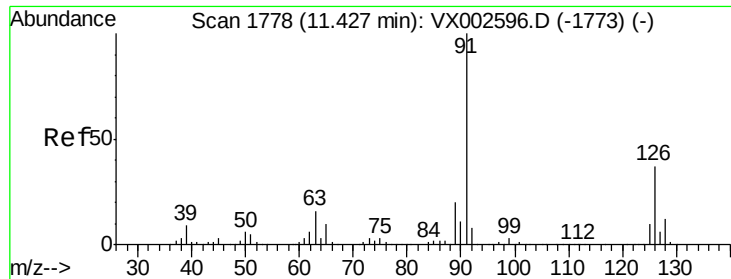
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

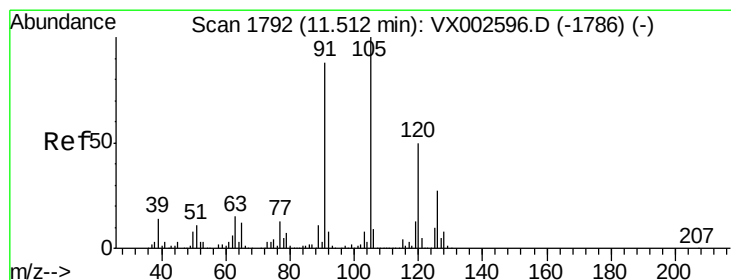
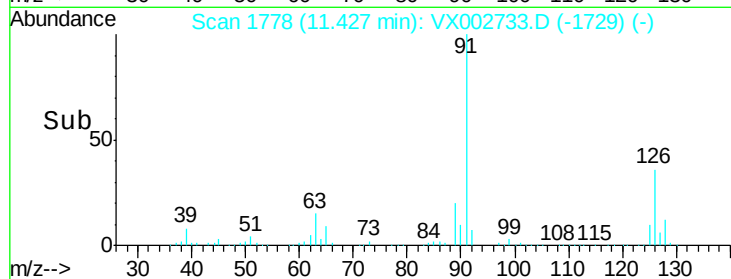
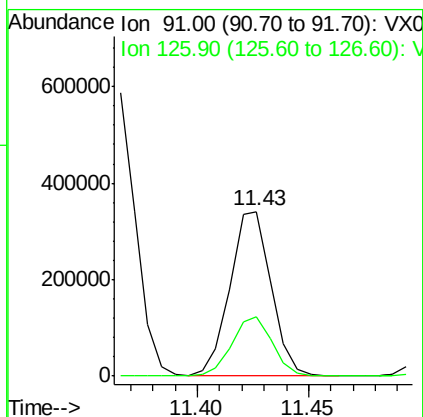
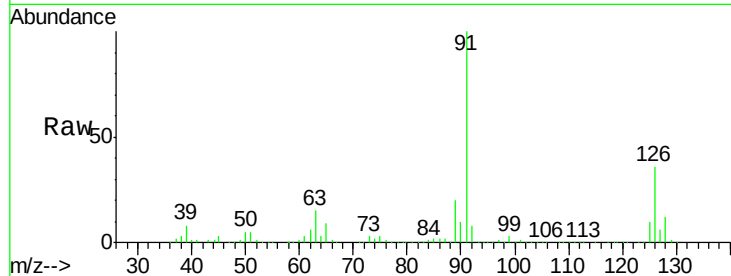




#79
 2-Chlorotoluene
 Concen: 47.46 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

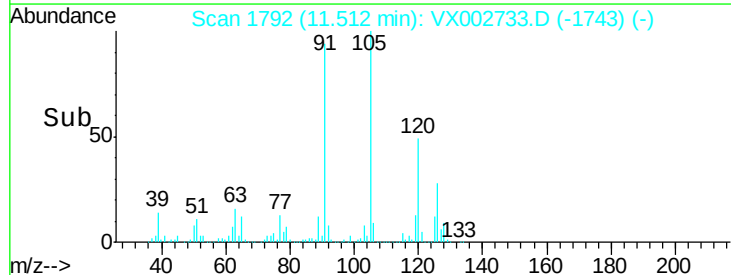
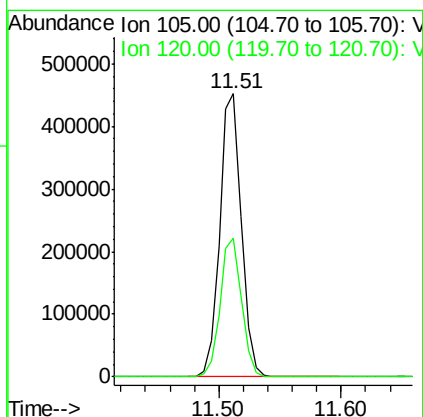
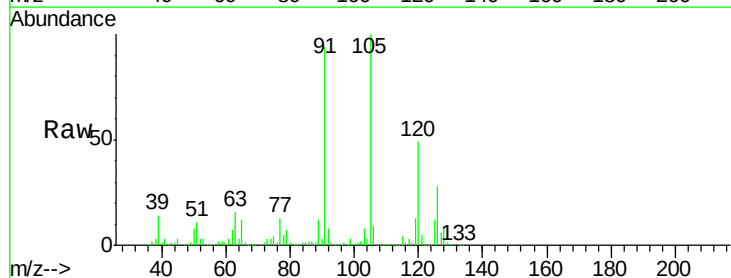
Instrument :
 MSVOA_X
 ClientSampled :

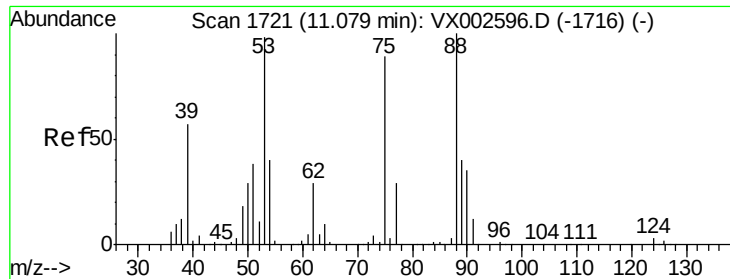
Tot Ion: 91 Resp: 437752
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 48.53 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

Tgt Ion: 105 Resp: 552451
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 46.45 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

ClientSampleId :

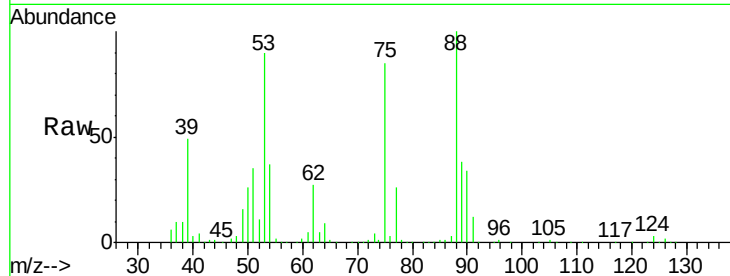
Tot Ion: 75 Resp: 54789

Ion Ratio Lower Upper

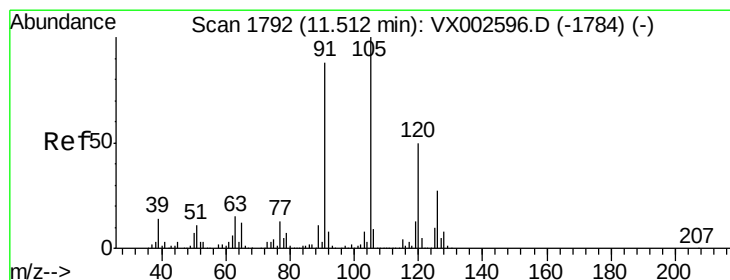
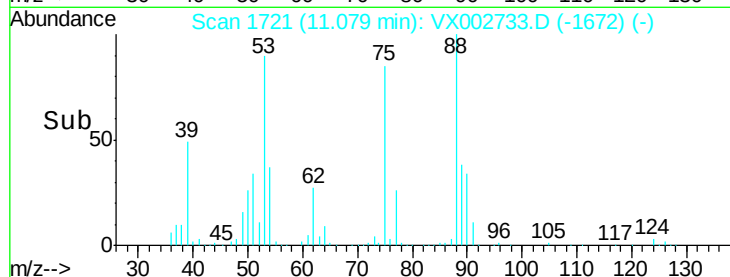
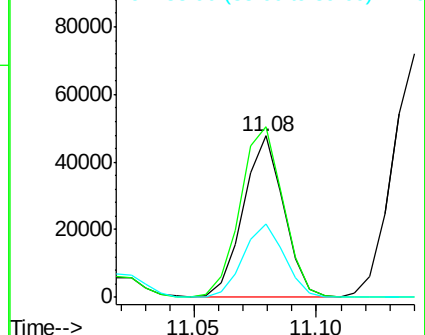
75 100

53 112.3 86.8 130.2

89 46.8 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.73 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002733.D

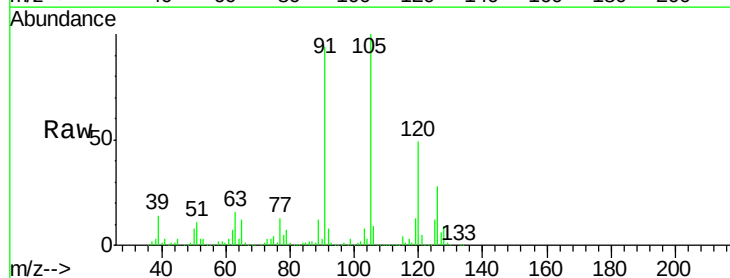
Acq: 20 Jun 2018 10:54

Tgt Ion: 91 Resp: 530344

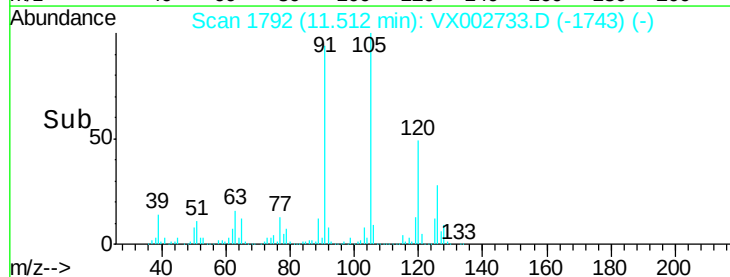
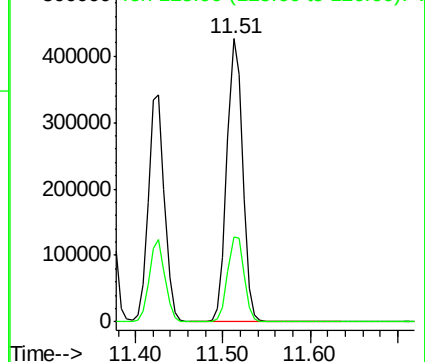
Ion Ratio Lower Upper

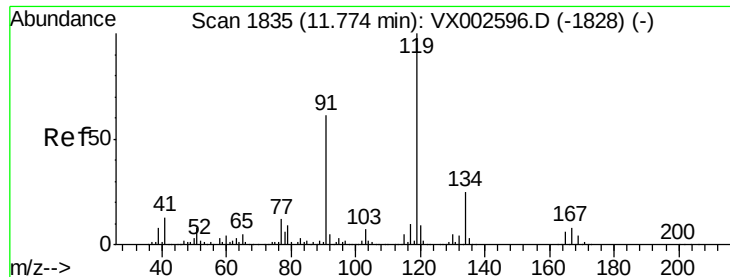
91 100

126 31.5 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

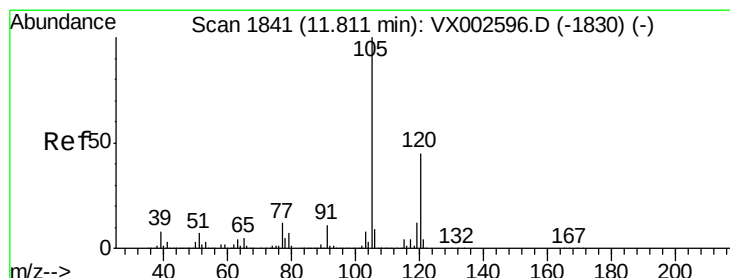
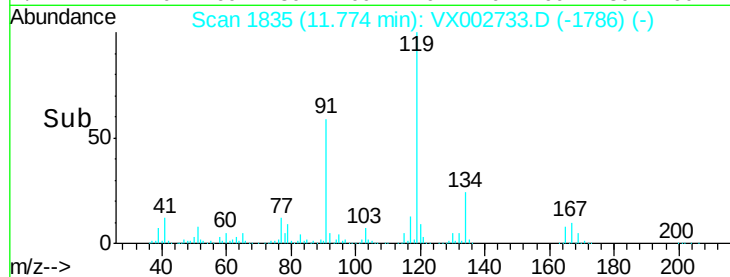
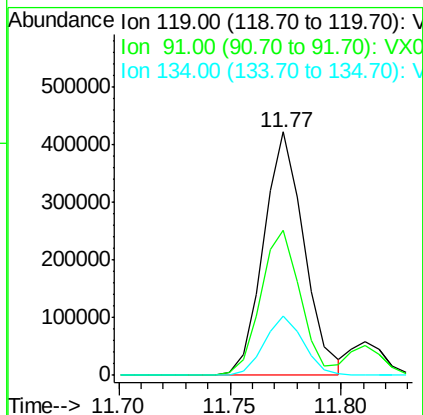
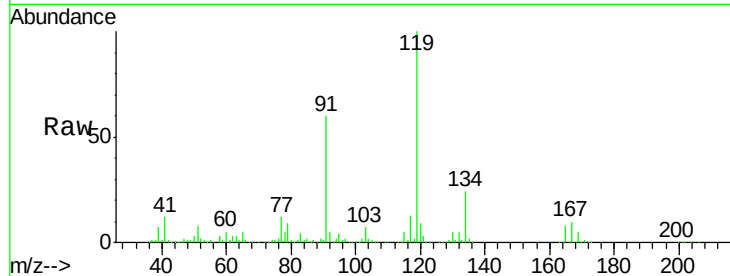




#83
 tert-Butylbenzene
 Concen: 48.62 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

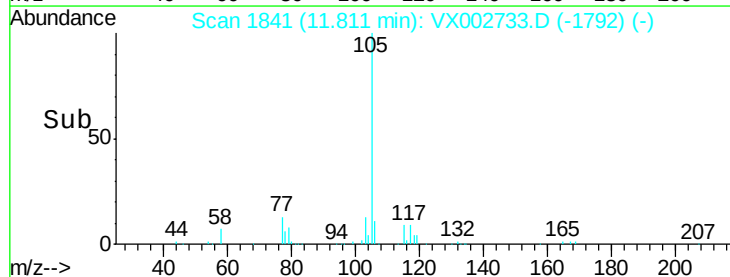
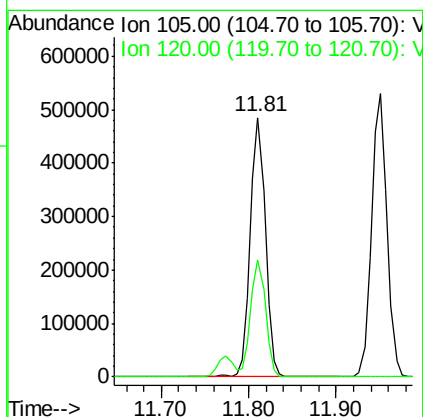
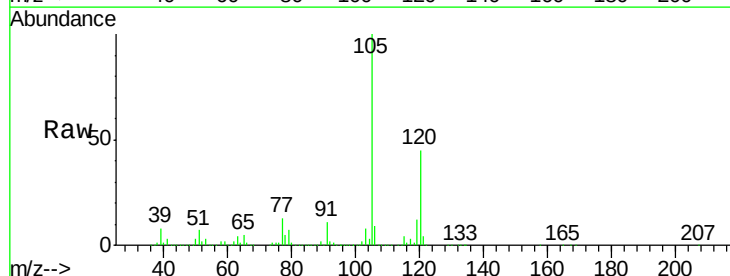
Instrument :
 MSVOA_X
 ClientSampleId :

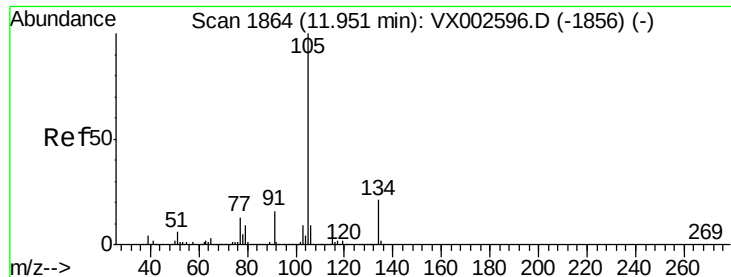
Tot Ion:119 Resp: 533182
 Ion Ratio Lower Upper
 119 100
 91 59.2 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.46 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

Tgt Ion:105 Resp: 574555
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 48.16 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

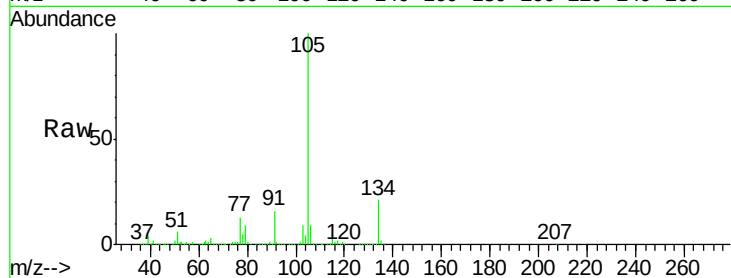
ClientSampled :

Tot Ion:105 Resp: 656716

Ion Ratio Lower Upper

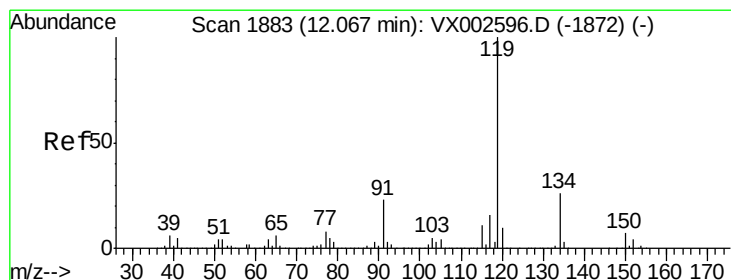
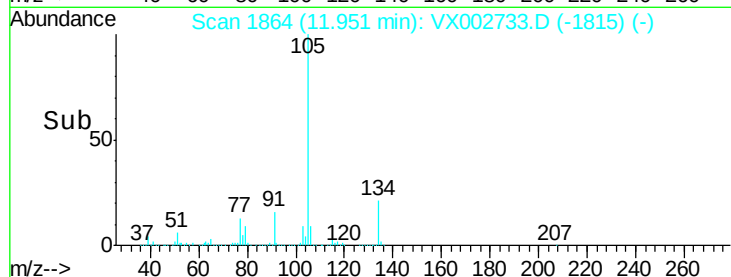
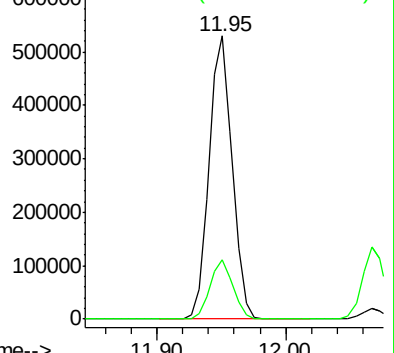
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.28 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

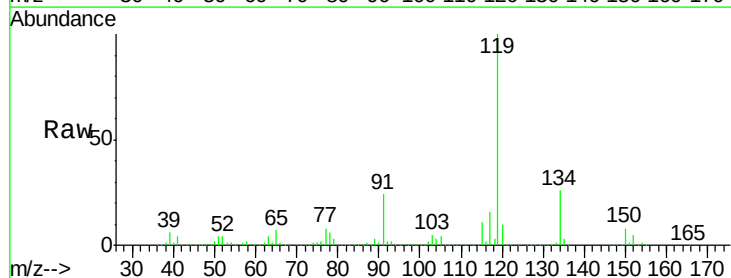
Tgt Ion:119 Resp: 608064

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

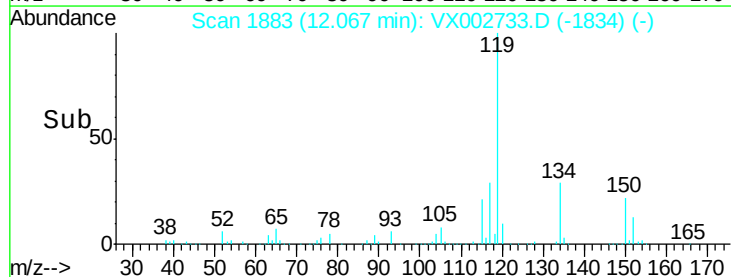
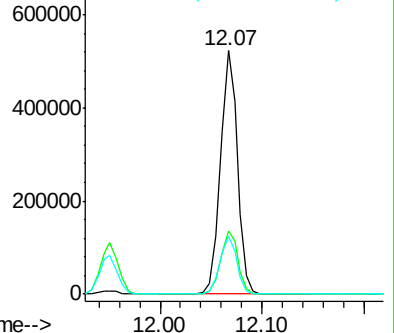
91 23.6 11.9 35.7

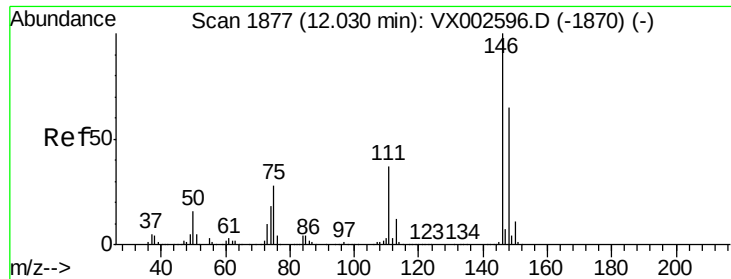


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

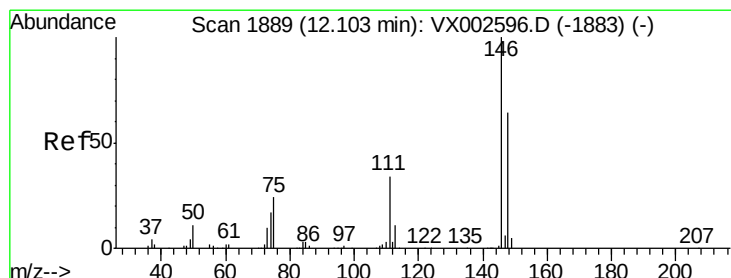
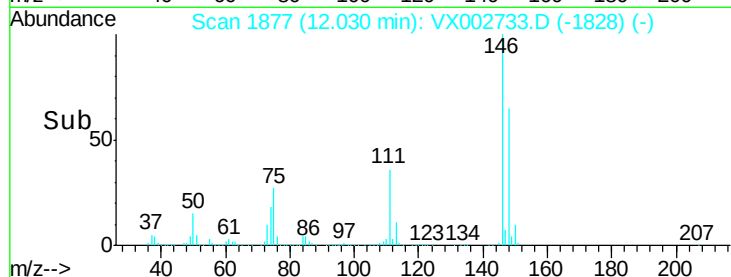
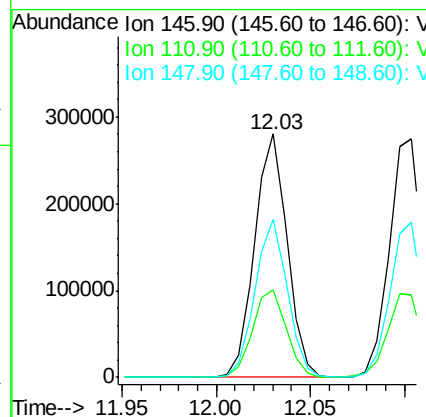
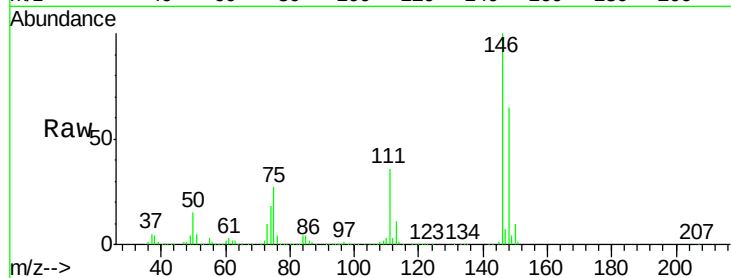




#87
 1,3-Dichlorobenzene
 Concen: 48.82 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

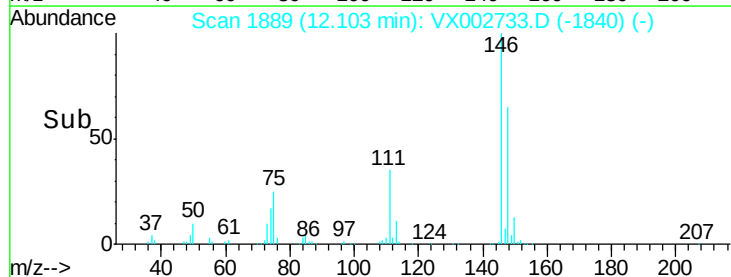
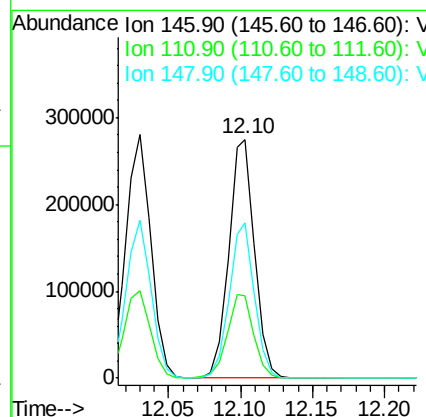
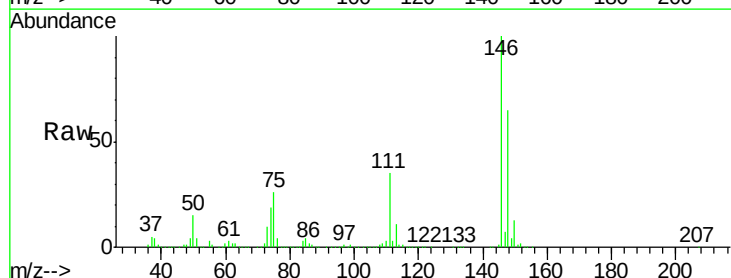
Instrument :
 MSVOA_X
 ClientSampleId :

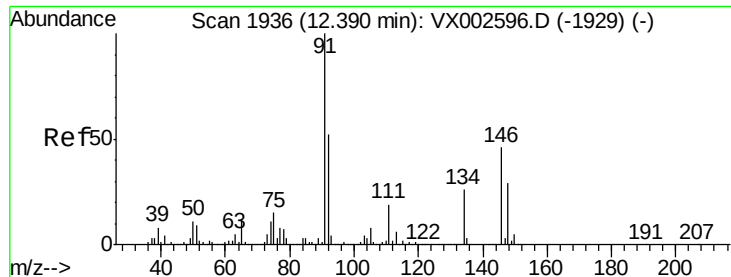
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.7
148	64.4	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.25 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.7	56.1
148	63.8	32.4	97.0





#89

n-Butylbenzene

Concen: 48.93 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

ClientSampled :

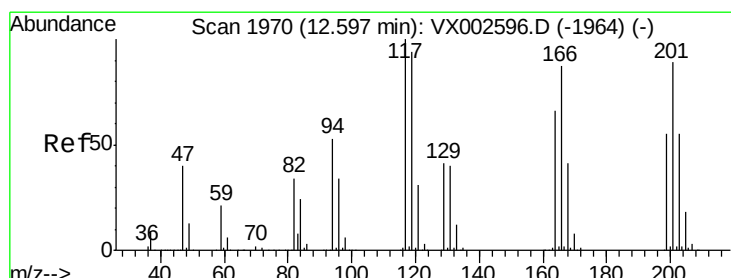
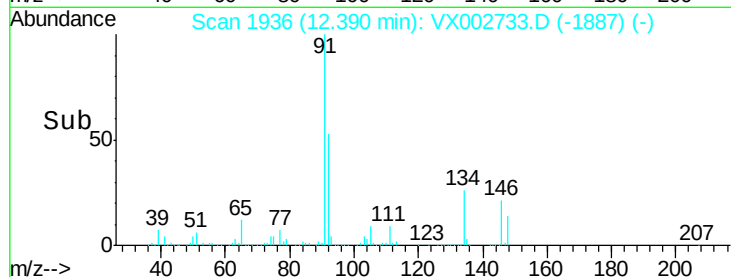
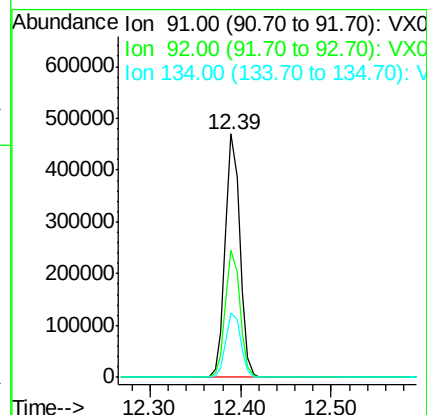
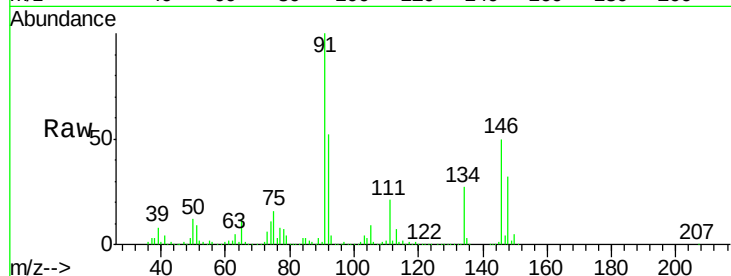
Tot Ion: 91 Resp: 532627

Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	27.3	13.5	40.5

91 100

92 52.2 26.0 78.0

134 27.3 13.5 40.5



#90

Hexachloroethane

Concen: 45.12 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX002733.D

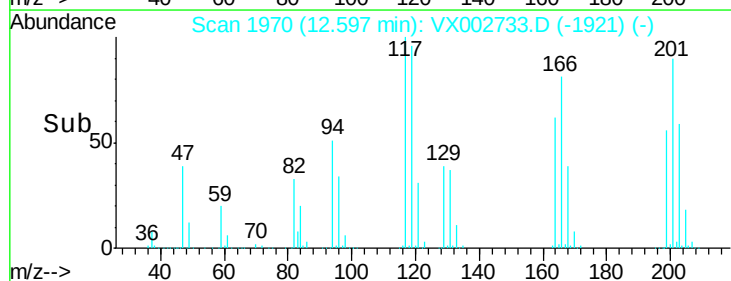
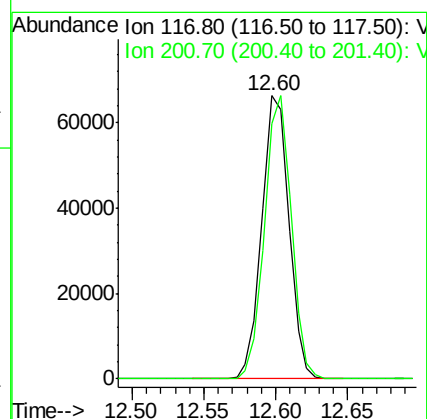
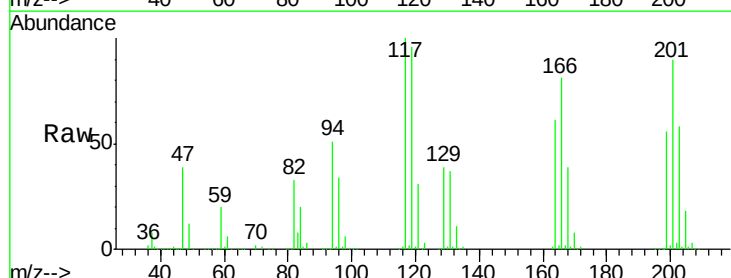
Acq: 20 Jun 2018 10:54

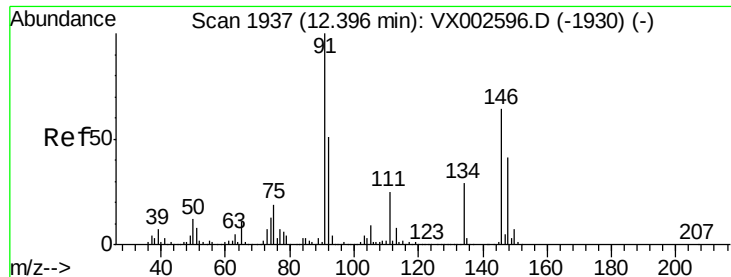
Tgt Ion: 117 Resp: 86255

Ion	Ratio	Lower	Upper
117	100		
201	98.1	49.0	147.0

117 100

201 98.1 49.0 147.0

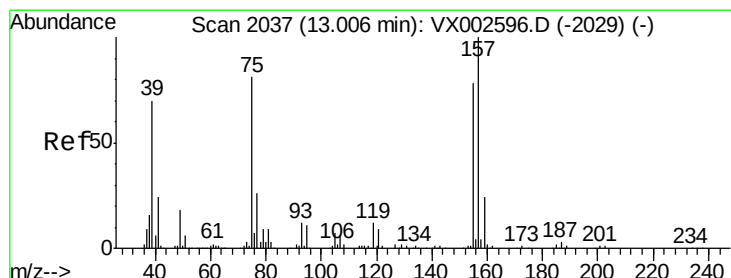
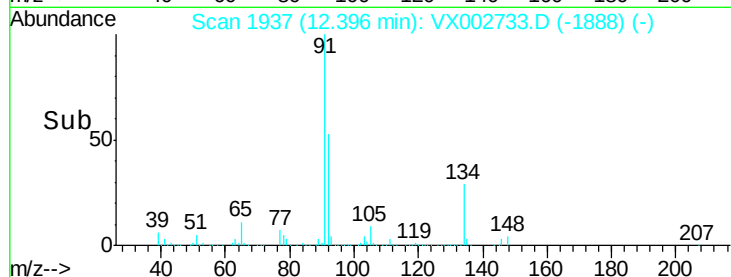
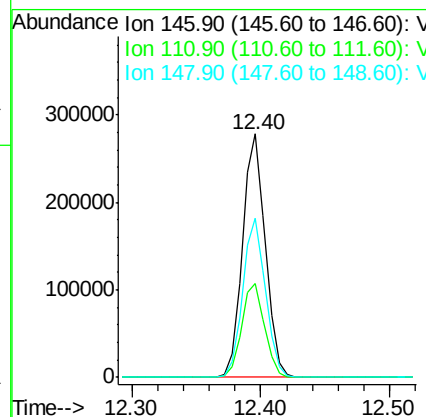
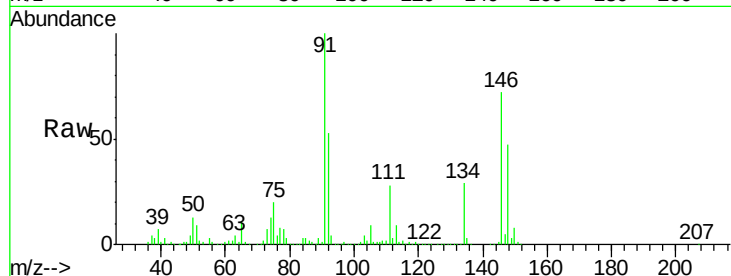




#91
 1,2-Dichlorobenzene
 Concen: 49.05 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

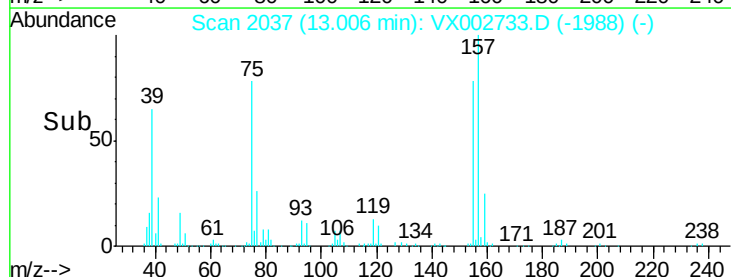
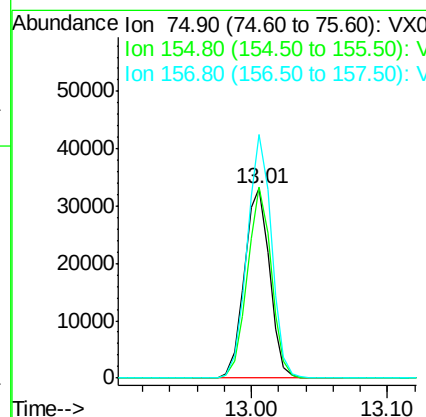
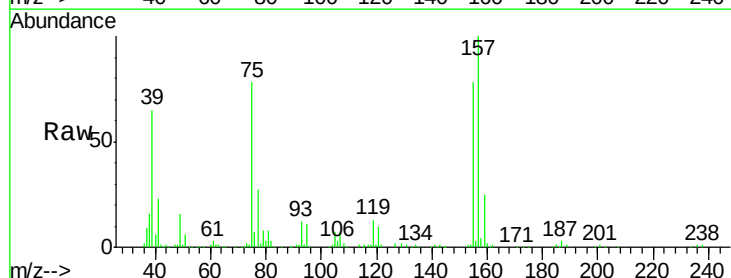
Instrument :
 MSVOA_X
 ClientSampleId :

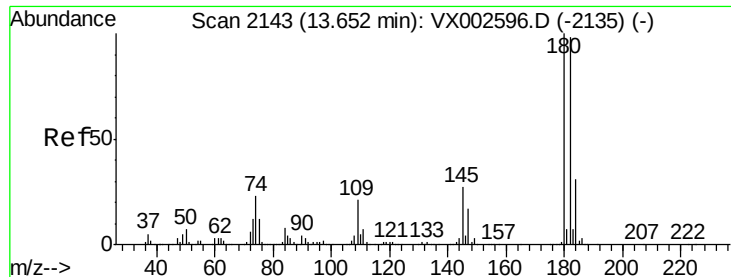
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.1
148	65.0	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.29 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	45.8	137.4
157	123.6	60.1	180.3

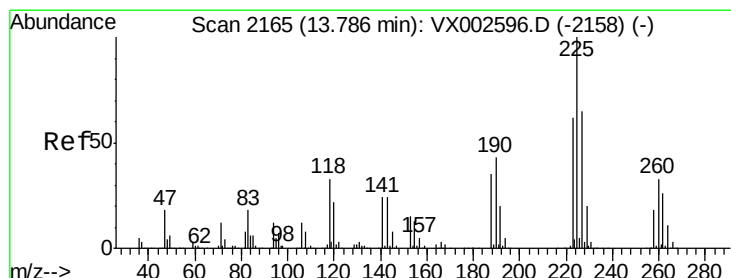
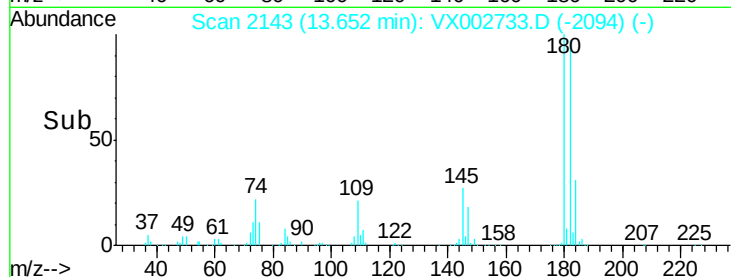
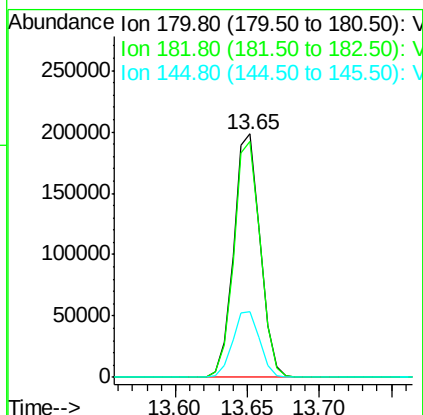
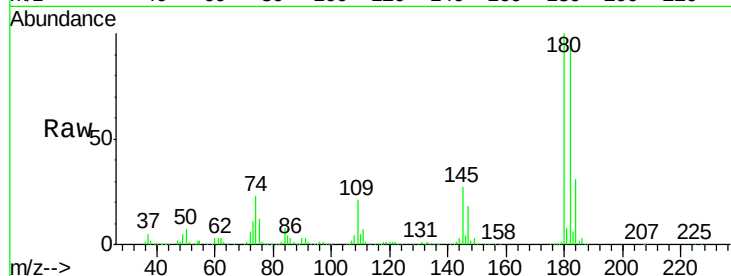




#93
 1,2,4-Trichlorobenzene
 Concen: 50.41 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

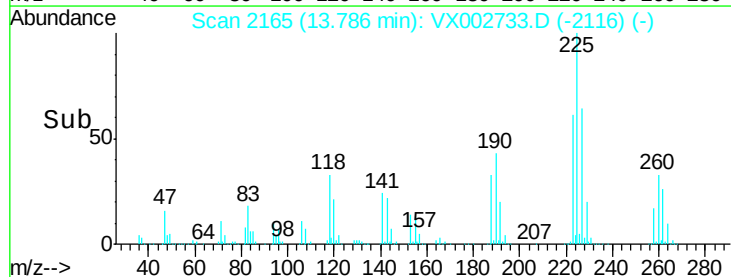
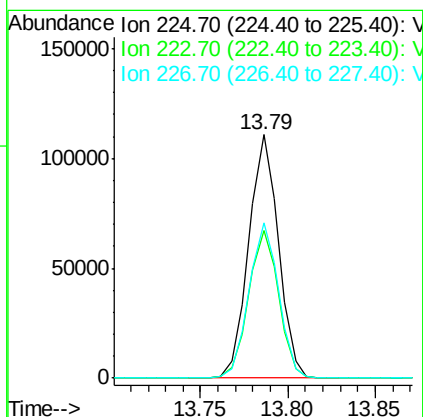
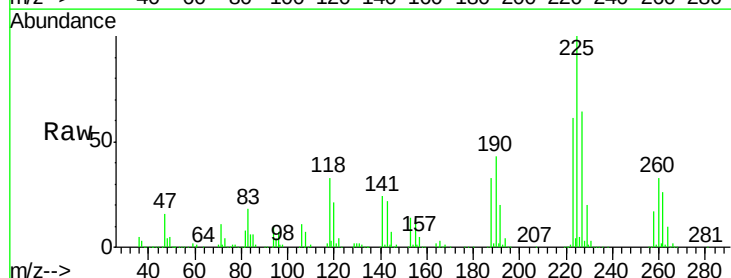
Instrument :
 MSVOA_X
 ClientSampleId :

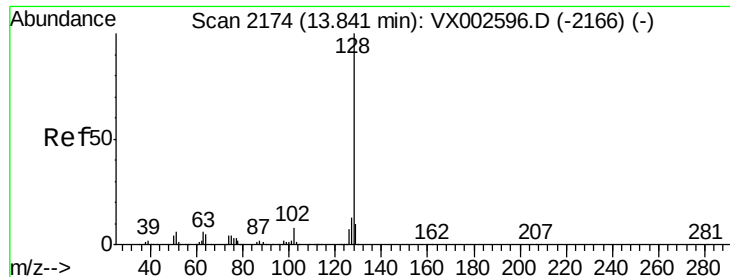
Tot Ion:180 Resp: 253394
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.7 143.1
 145 27.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 49.47 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 10:54

Tgt Ion:225 Resp: 131013
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.6 95.0
 227 63.4 32.4 97.2





#95

Naphthalene

Concen: 51.22 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

Instrument :

MSVOA_X

ClientSampleId :

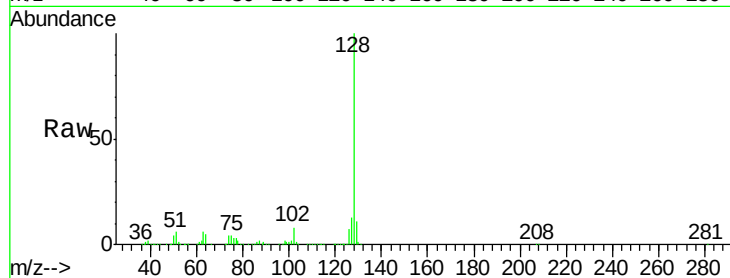
Tot Ion:128 Resp: 692821

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

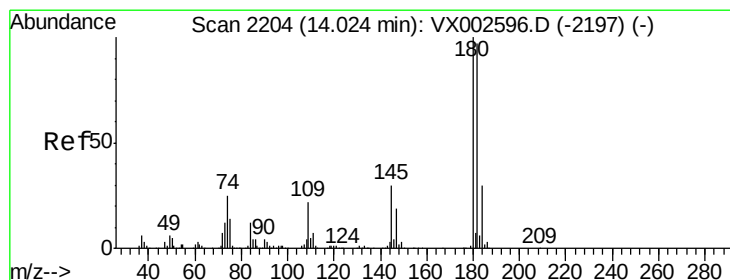
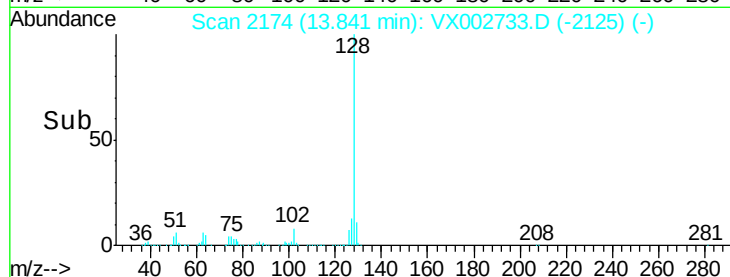
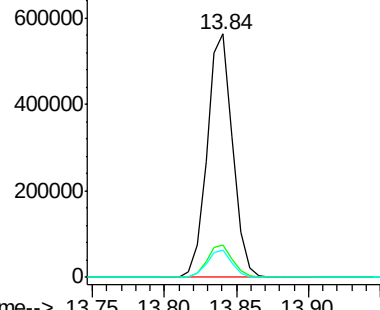
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.63 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 10:54

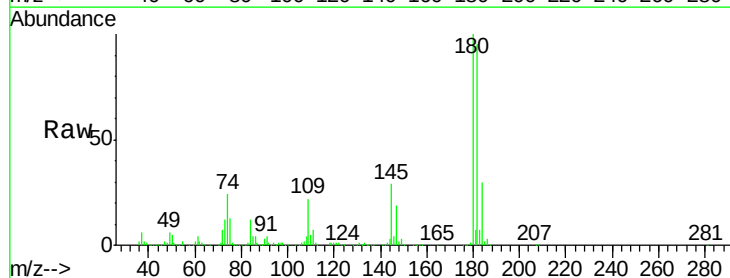
Tgt Ion:180 Resp: 255630

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.0

145 28.8 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

