

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003220.D
 Acq On : 06 Jul 2018 18:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 07 00:00:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208718	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	148995	39.73	ug/l	0.00
Spiked Amount			Recovery	=	79.46%	
35) Dibromofluoromethane	5.50	113	134226	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
50) Toluene-d8	8.72	98	442039	45.36	ug/l	0.00
Spiked Amount			Recovery	=	90.72%	
62) 4-Bromofluorobenzene	11.14	95	177670	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	125829	51.95	ug/l	100
3) Chloromethane	1.32	50	123500	49.07	ug/l	98
4) Vinyl Chloride	1.40	62	142446	46.42	ug/l	96
5) Bromomethane	1.64	94	76678	53.73	ug/l	98
6) Chloroethane	1.72	64	93563	52.05	ug/l	95
7) Trichlorofluoromethane	1.93	101	231289	44.68	ug/l	99
8) Diethyl Ether	2.19	74	87770	46.64	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	141758	47.26	ug/l	96
10) Methyl Iodide	2.51	142	136327	45.46	ug/l	97
11) Tert butyl alcohol	3.07	59	155787	208.51	ug/l	99
12) 1,1-Dichloroethene	2.37	96	122620	45.82	ug/l	90
13) Acrolein	2.29	56	78344	190.17	ug/l	99
14) Allyl chloride	2.73	41	244262	46.30	ug/l	94
15) Acrylonitrile	3.15	53	367357	230.19	ug/l	99
16) Acetone	2.45	43	334138	215.12	ug/l	93
17) Carbon Disulfide	2.57	76	318801	44.71	ug/l	99
18) Methyl Acetate	2.78	43	186243	42.89	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	444126	46.16	ug/l	97
20) Methylene Chloride	2.86	84	144869	47.93	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	136042	46.67	ug/l	87
22) Diisopropyl ether	3.88	45	469483	46.56	ug/l	92
23) Vinyl Acetate	3.82	43	2007334	235.09	ug/l	98
24) 1,1-Dichloroethane	3.70	63	255013	46.53	ug/l	99
25) 2-Butanone	4.71	43	546228	236.96	ug/l	98
26) 2,2-Dichloropropane	4.58	77	227663	51.08	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	161328	49.36	ug/l	92
28) Bromochloromethane	5.02	49	120645	45.99	ug/l	88
29) Tetrahydrofuran	5.17	42	346369	234.31	ug/l	96
30) Chloroform	5.21	83	276246	49.11	ug/l	93
31) Cyclohexane	5.57	56	223258	47.47	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	245779	49.66	ug/l	98
36) 1,1-Dichloropropene	5.80	75	198325	53.67	ug/l	99
37) Ethyl Acetate	4.86	43	210915	53.01	ug/l	98
38) Carbon Tetrachloride	5.78	117	218404	53.86	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003220.D
 Acq On : 06 Jul 2018 18:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 07 00:00:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	225715	52.44	ug/l	95
40) Benzene	6.14	78	561611	52.31	ug/l	98
41) Methacrylonitrile	5.06	41	121261	52.93	ug/l	98
42) 1,2-Dichloroethane	6.20	62	206770	47.67	ug/l	99
43) Isopropyl Acetate	6.47	43	328935	49.30	ug/l	97
44) Trichloroethene	7.21	130	166917	52.14	ug/l	97
45) 1,2-Dichloropropane	7.52	63	147796	51.89	ug/l	99
46) Dibromomethane	7.67	93	99360	50.27	ug/l	94
47) Bromodichloromethane	7.90	83	192836	52.77	ug/l	98
48) Methyl methacrylate	7.78	41	169622	49.33	ug/l	94
49) 1,4-Dioxane	7.76	88	67440	1008.18	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1056233	253.00	ug/l	97
52) Toluene	8.79	92	361078	52.50	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	227398	54.95	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	211404	53.09	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	149378	52.85	ug/l	97
56) Ethyl methacrylate	9.18	69	221467	53.61	ug/l	92
57) 1,3-Dichloropropane	9.38	76	242583	52.26	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	513993	257.92	ug/l	96
59) 2-Hexanone	9.50	43	802814	253.02	ug/l	96
60) Dibromochloromethane	9.59	129	161898	54.41	ug/l	100
61) 1,2-Dibromoethane	9.68	107	157340	53.07	ug/l	100
64) Tetrachloroethene	9.34	164	184689	51.34	ug/l	98
65) Chlorobenzene	10.14	112	421251	51.27	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	157595	52.80	ug/l	100
67) Ethyl Benzene	10.26	91	707338	52.11	ug/l	99
68) m/p-Xylenes	10.36	106	556655	106.41	ug/l	97
69) o-Xylene	10.70	106	268261	52.66	ug/l	98
70) Styrene	10.71	104	452148	54.63	ug/l	98
71) Bromoform	10.86	173	129214	48.07	ug/l	99
73) Isopropylbenzene	11.02	105	740984	52.77	ug/l	100
74) N-amyl acetate	6.47	43	328935	47.88	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	219547	50.76	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	250668	66.30	ug/l	80
77) Bromobenzene	11.26	156	205157	51.31	ug/l	95
78) n-propylbenzene	11.36	91	837616	52.41	ug/l	98
79) 2-Chlorotoluene	11.42	91	489941	50.63	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	616801	52.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	61419	47.33	ug/l	94
82) 4-Chlorotoluene	11.51	91	582876	50.88	ug/l	98
83) tert-Butylbenzene	11.77	119	618336	53.05	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	638584	52.12	ug/l	98
85) sec-Butylbenzene	11.95	105	743618	52.59	ug/l	99
86) p-Isopropyltoluene	12.07	119	683251	53.75	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	377832	51.74	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	380044	50.57	ug/l	99
89) n-Butylbenzene	12.39	91	580651	52.48	ug/l	98
90) Hexachloroethane	12.60	117	100442	53.12	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	375938	51.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47263	48.61	ug/l	93

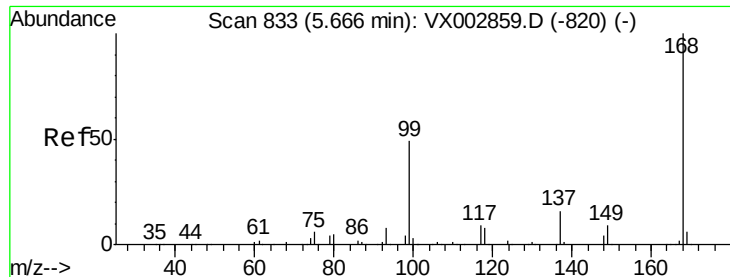
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
Data File : VX003220.D
Acq On : 06 Jul 2018 18:08
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 07 00:00:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	289701	54.00	ug/l	100
94) Hexachlorobutadiene	13.79	225	148505	55.51	ug/l	100
95) Naphthalene	13.84	128	775949	54.31	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	304103	56.76	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. -0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

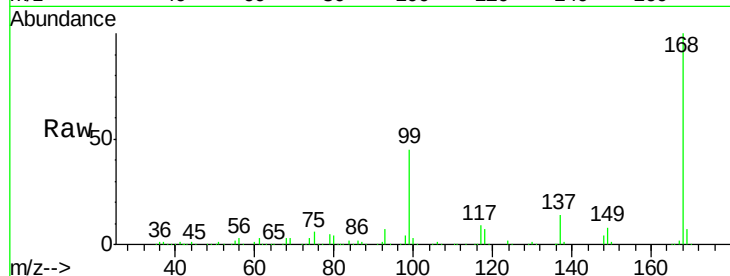
ClientSampleId :

Tot Ion:168 Resp: 271353

Ion Ratio Lower Upper

168 100

99 45.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

40000

20000

0

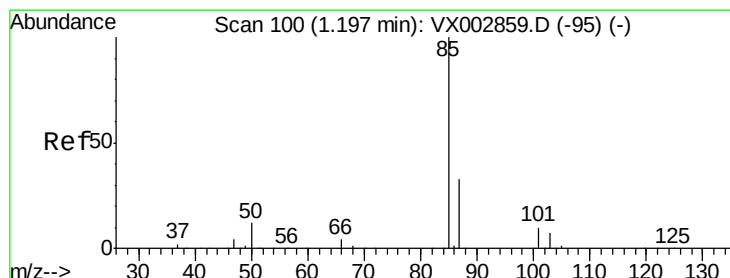
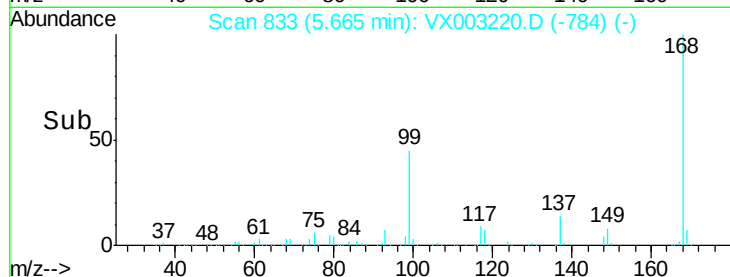
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 51.95 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003220.D

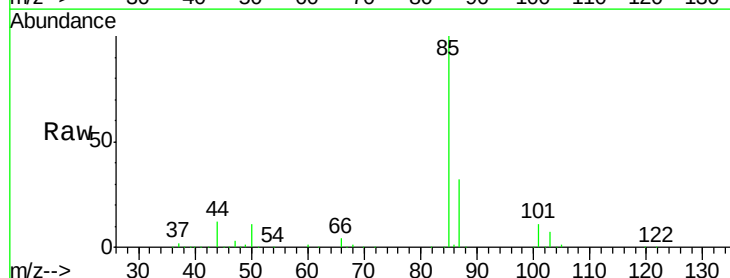
Acq: 06 Jul 2018 18:08

Tgt Ion: 85 Resp: 125829

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

100000

50000

0

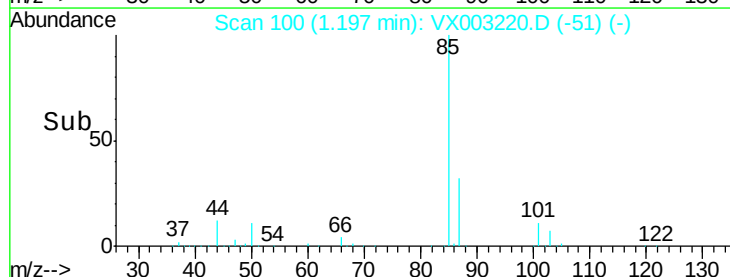
Time-->

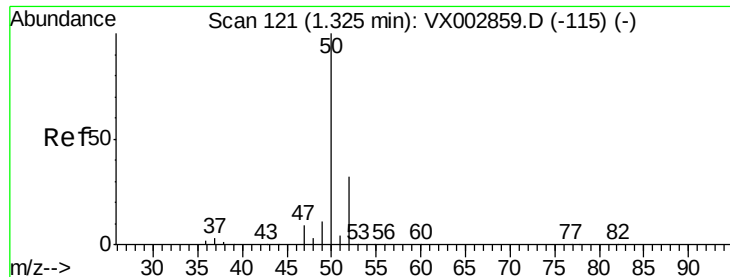
1.15

1.20

1.25

1.30

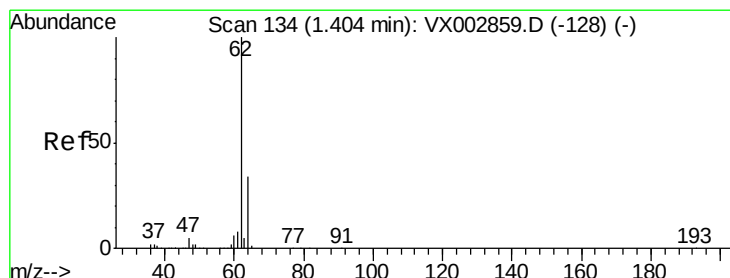
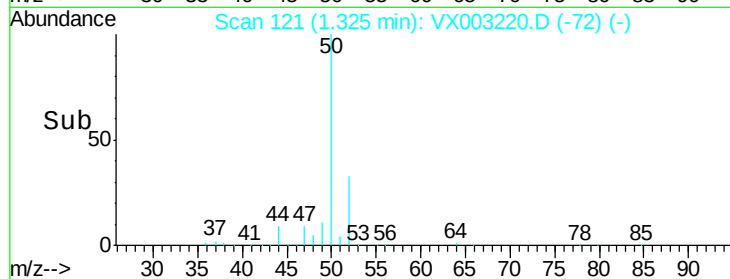
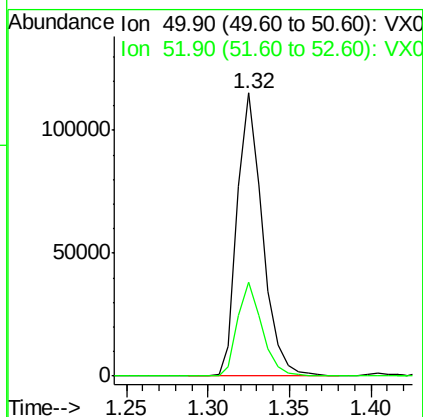
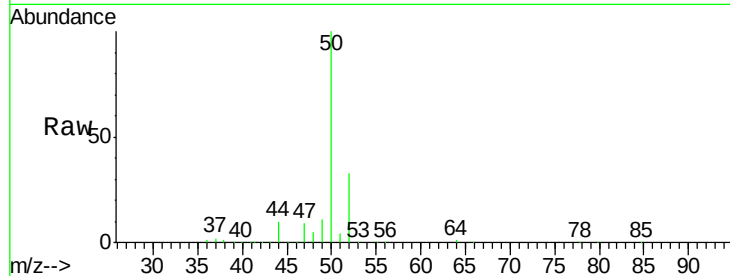




#3
Chloromethane
Concen: 49.07 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

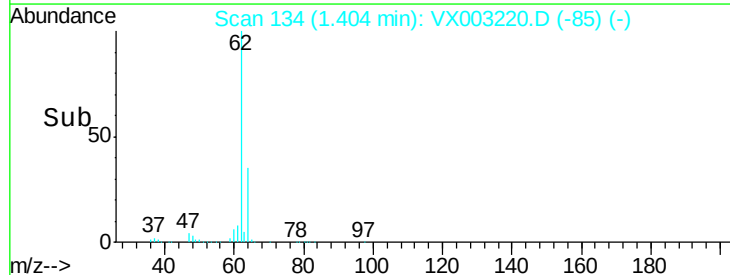
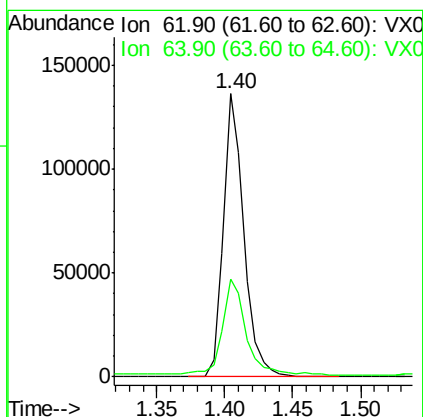
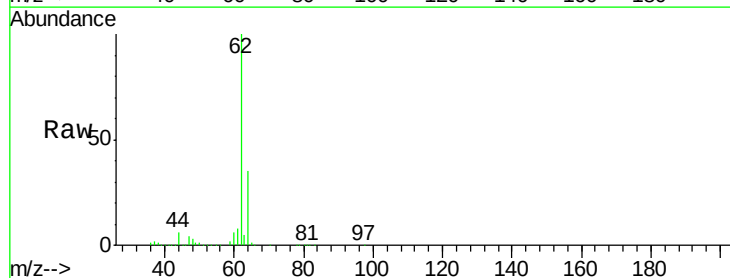
Instrument :
MSVOA_X
ClientSampled :

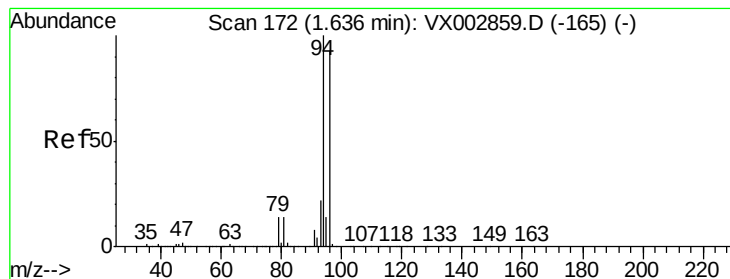
Tot Ion: 50 Resp: 123500
Ion Ratio Lower Upper
50 100
52 33.2 25.7 38.5



#4
Vinyl Chloride
Concen: 46.42 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Tgt Ion: 62 Resp: 142446
Ion Ratio Lower Upper
62 100
64 33.8 25.4 38.2





#5

Bromomethane

Concen: 53.73 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

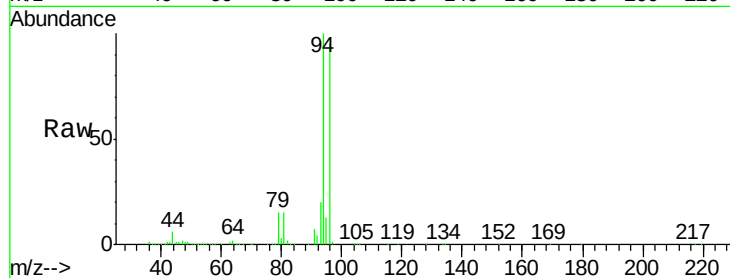
ClientSampleId :

Tot Ion: 94 Resp: 76678

Ion Ratio Lower Upper

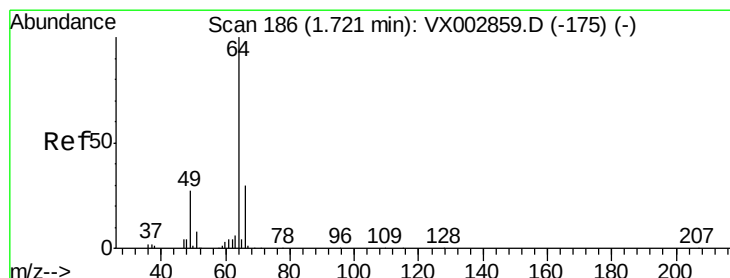
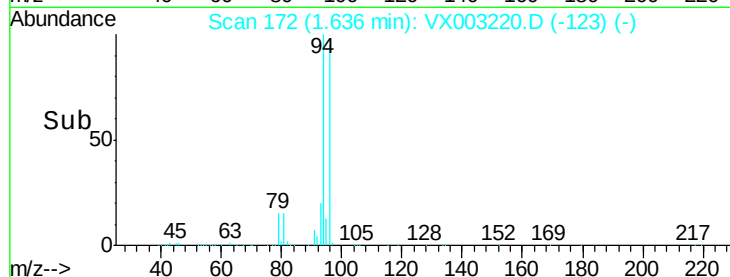
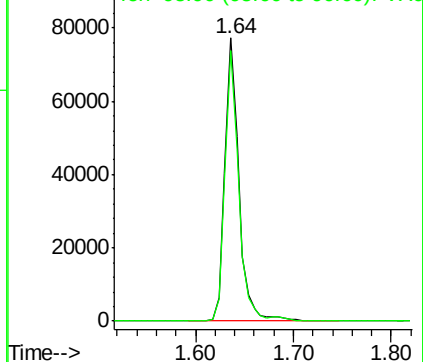
94 100

96 95.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.05 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003220.D

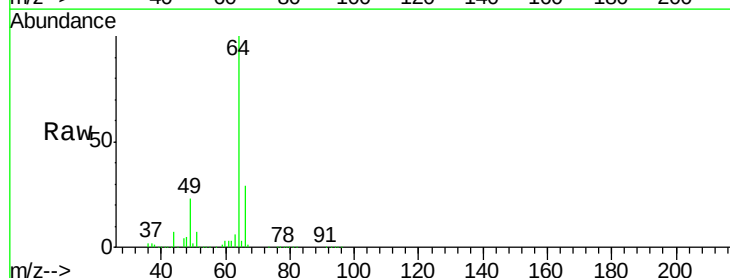
Acq: 06 Jul 2018 18:08

Tgt Ion: 64 Resp: 93563

Ion Ratio Lower Upper

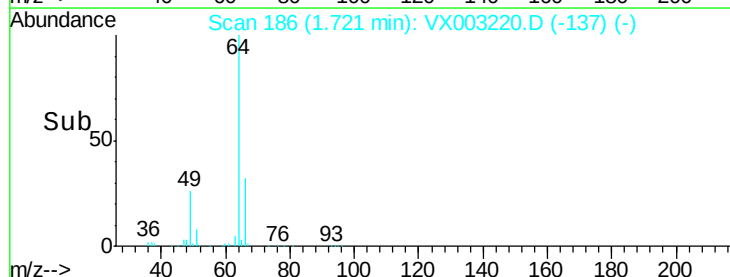
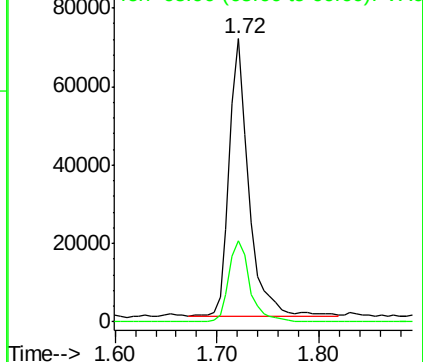
64 100

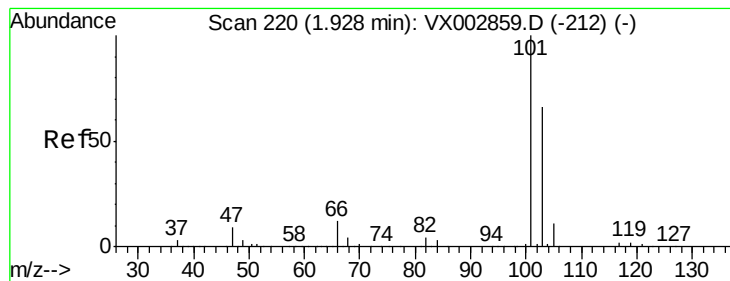
66 29.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 44.68 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

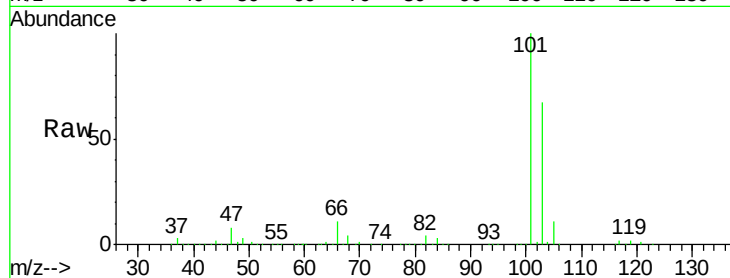
ClientSampleId :

Tot Ion:101 Resp: 231289

Ion Ratio Lower Upper

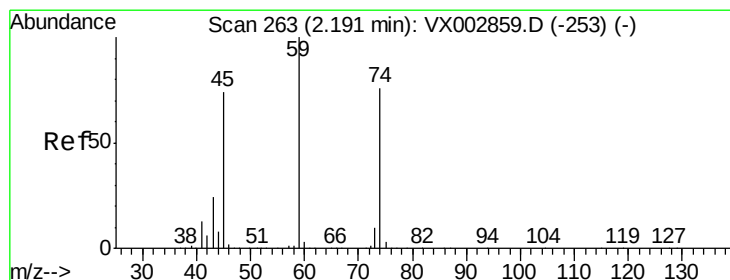
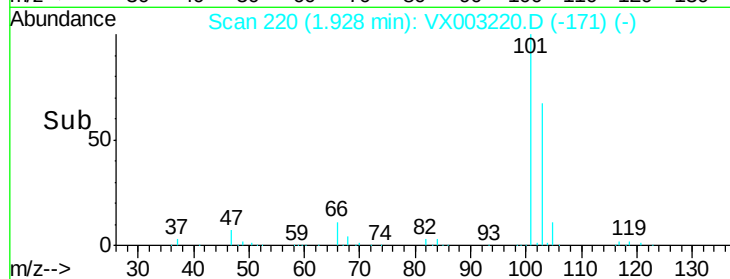
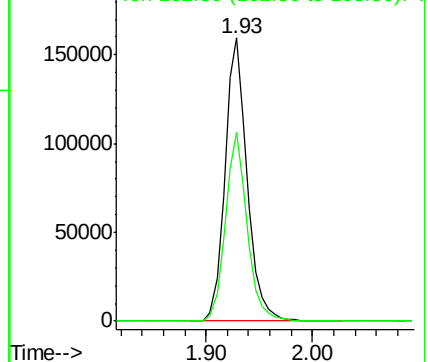
101 100

103 66.7 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 46.64 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003220.D

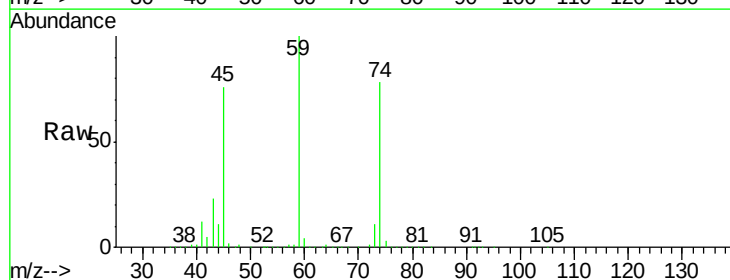
Acq: 06 Jul 2018 18:08

Tgt Ion: 74 Resp: 87770

Ion Ratio Lower Upper

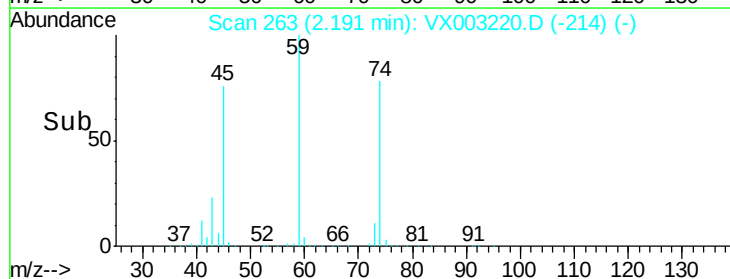
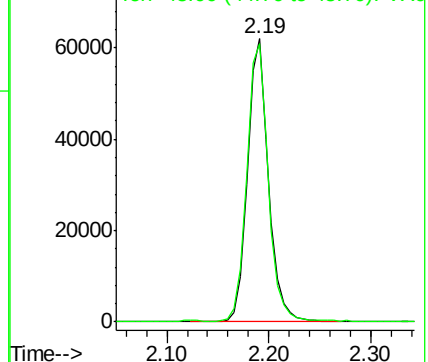
74 100

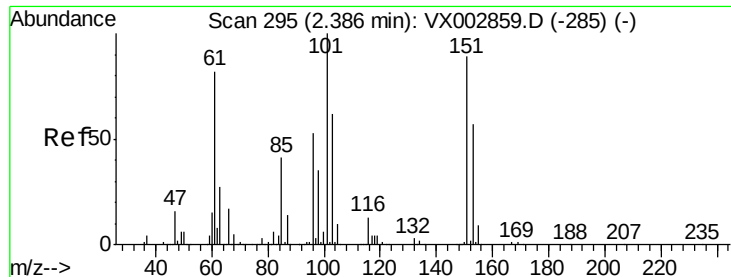
45 99.9 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.26 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

ClientSampleId :

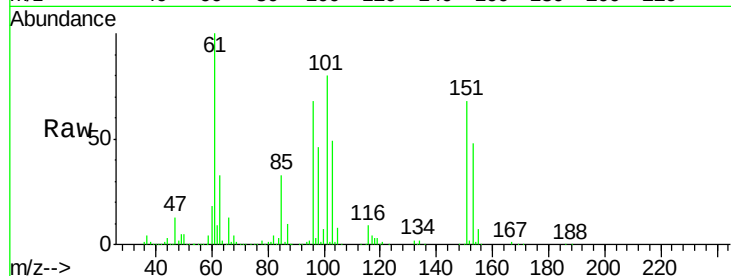
Tot Ion:101 Resp: 141758

Ion Ratio Lower Upper

101 100

85 42.5 36.0 54.0

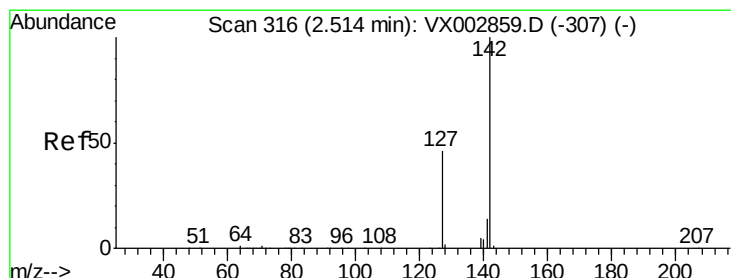
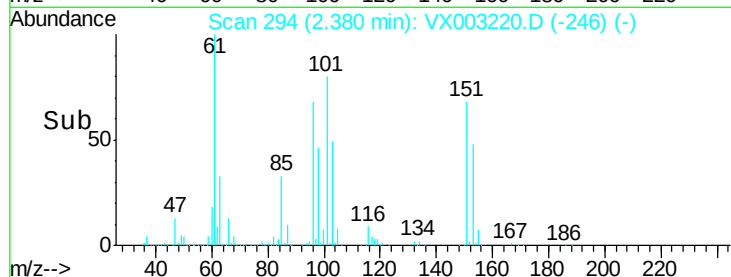
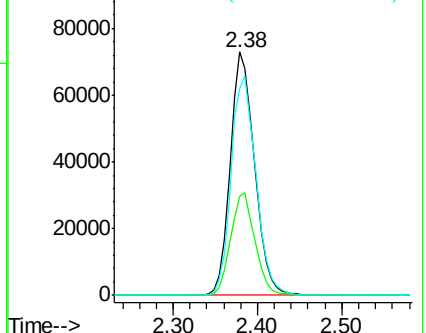
151 92.4 70.9 106.3



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: 45.46 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

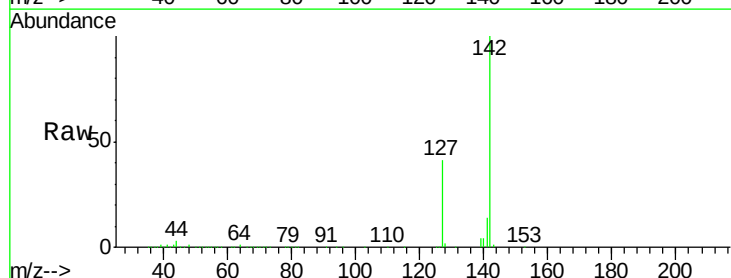
Tgt Ion:142 Resp: 136327

Ion Ratio Lower Upper

142 100

127 43.8 36.6 55.0

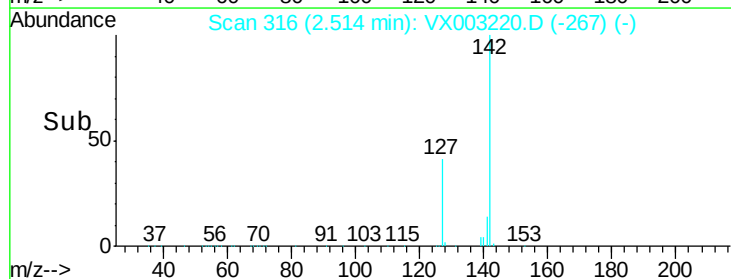
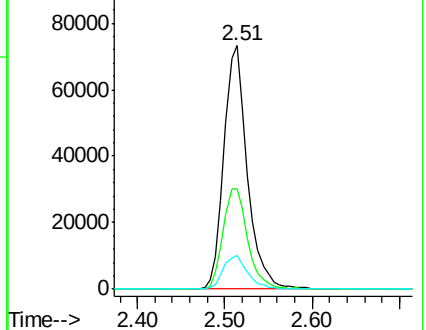
141 14.4 11.3 16.9

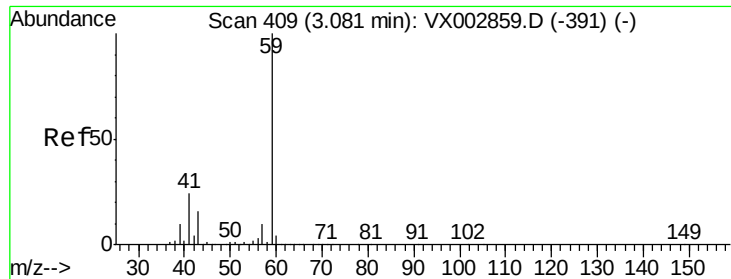


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



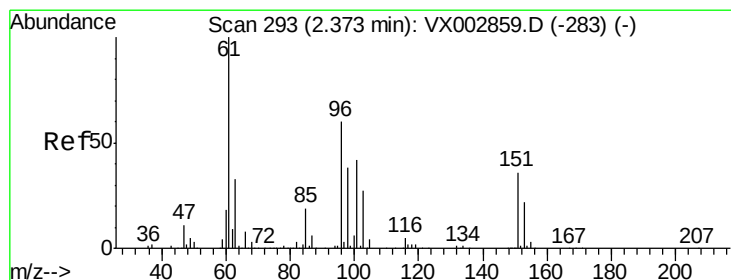
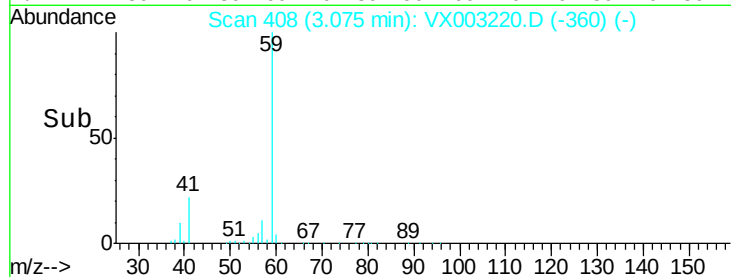
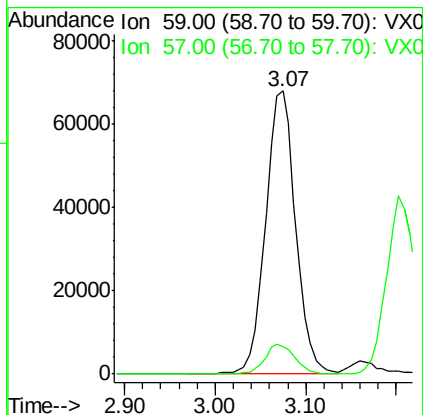
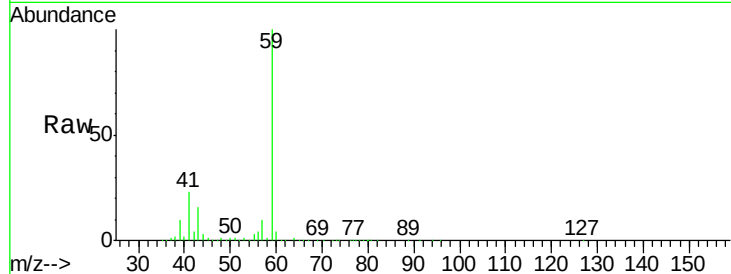


#11

Tert butyl alcohol
Concen: 208.51 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

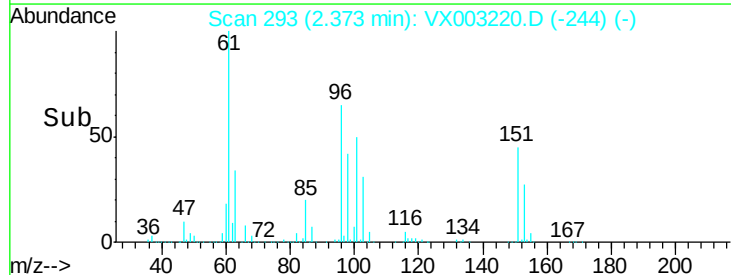
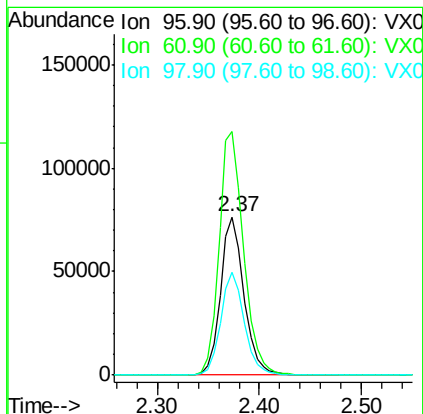
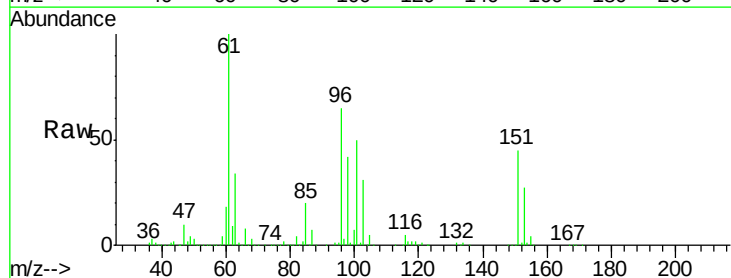
Tot Ion: 59 Resp: 155787
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

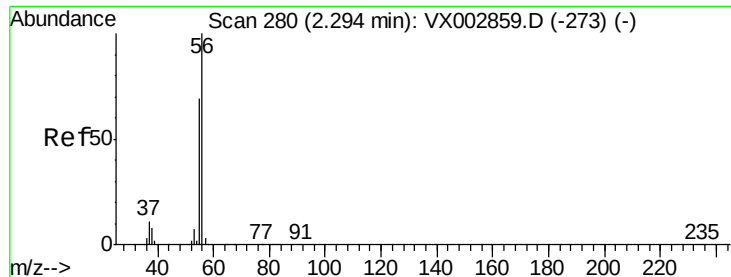


#12

1,1-Dichloroethene
Concen: 45.82 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Tgt Ion: 96 Resp: 122620
Ion Ratio Lower Upper
96 100
61 154.3 137.9 206.9
98 65.5 51.6 77.4





#13

Acrolein

Concen: 190.17 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

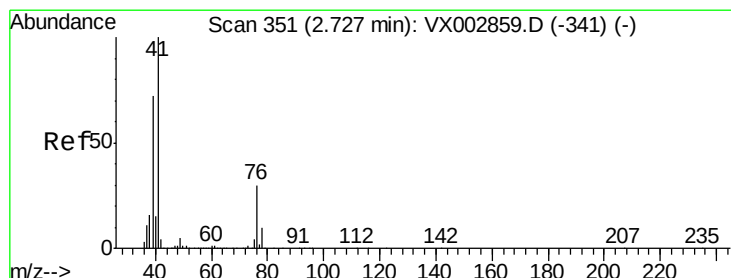
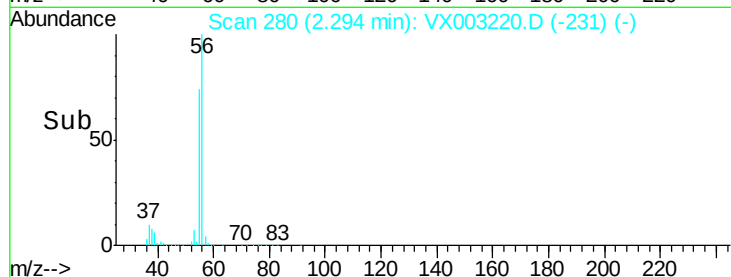
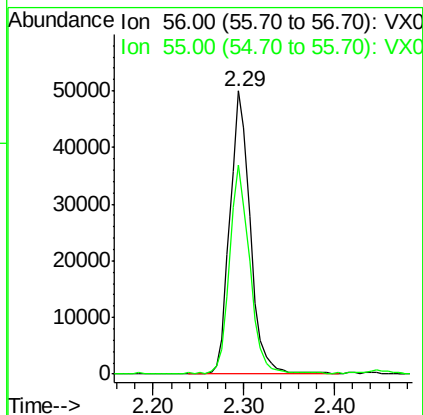
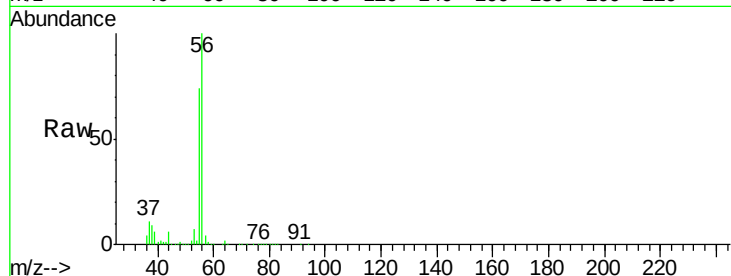
ClientSampled :

Tot Ion: 56 Resp: 78344

Ion Ratio Lower Upper

56 100

55 72.1 57.0 85.4



#14

Allyl chloride

Concen: 46.30 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

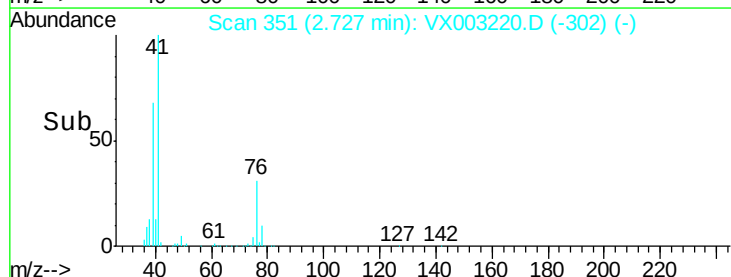
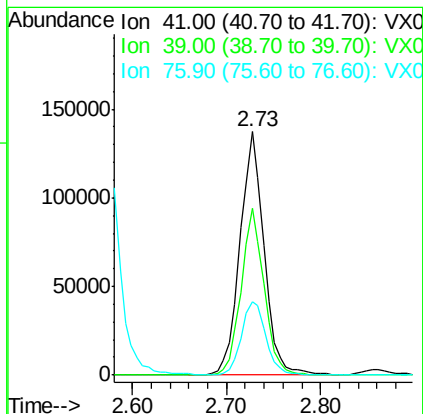
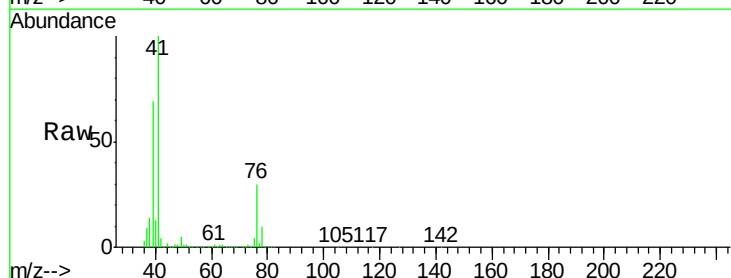
Tgt Ion: 41 Resp: 244262

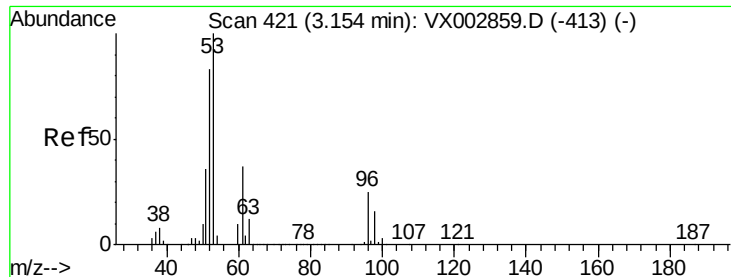
Ion Ratio Lower Upper

41 100

39 65.2 56.8 85.2

76 31.1 23.8 35.8





#15

Acrylonitrile

Concen: 230.19 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

ClientSampleId :

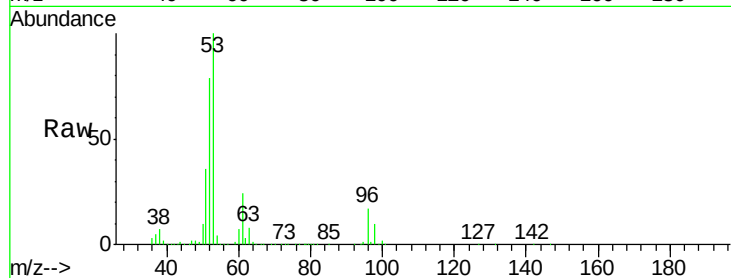
Tot Ion: 53 Resp: 367357

Ion Ratio Lower Upper

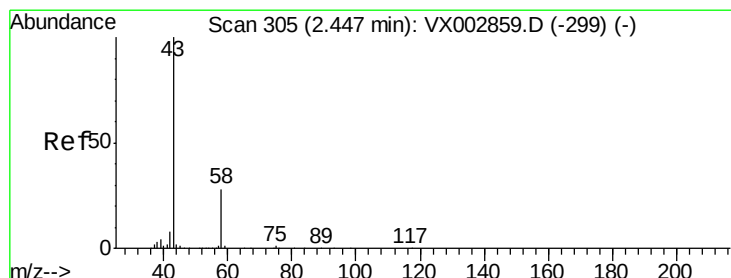
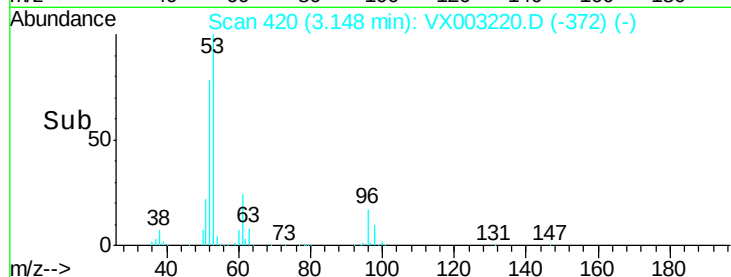
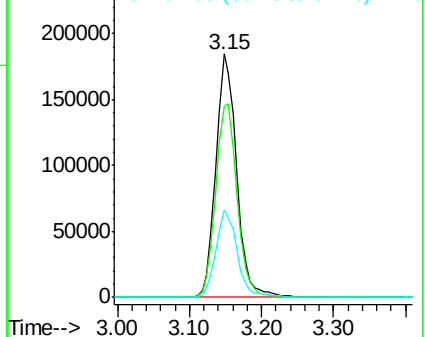
53 100

52 82.4 66.7 100.1

51 36.7 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: 215.12 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003220.D

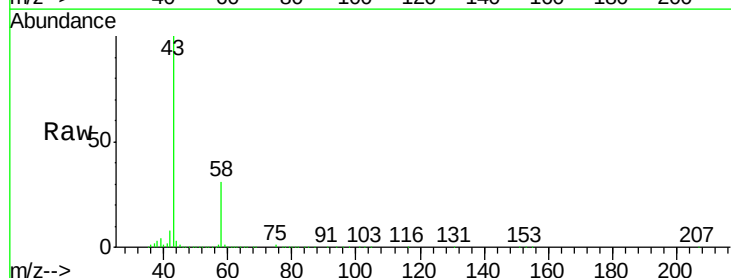
Acq: 06 Jul 2018 18:08

Tgt Ion: 43 Resp: 334138

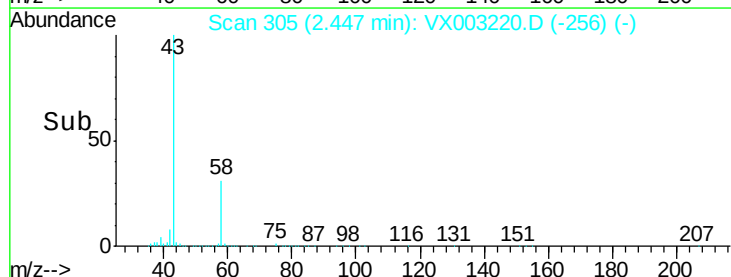
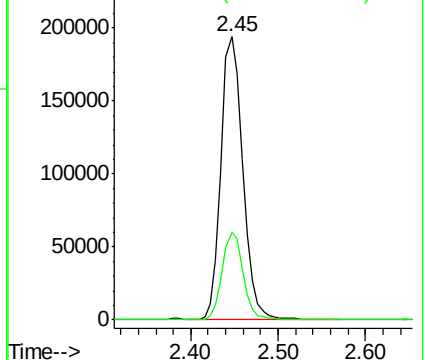
Ion Ratio Lower Upper

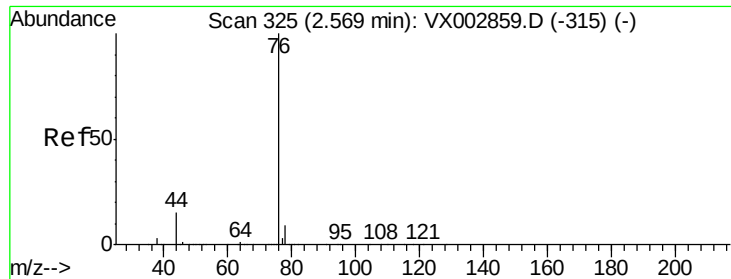
43 100

58 31.1 22.1 33.1



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

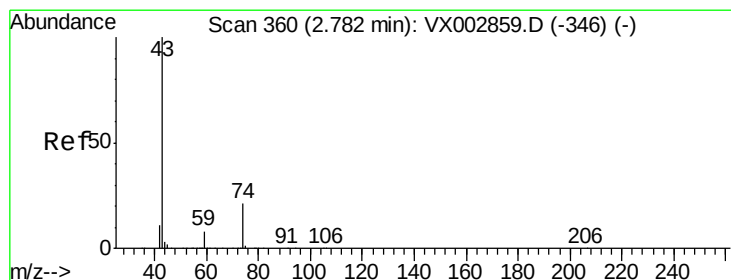
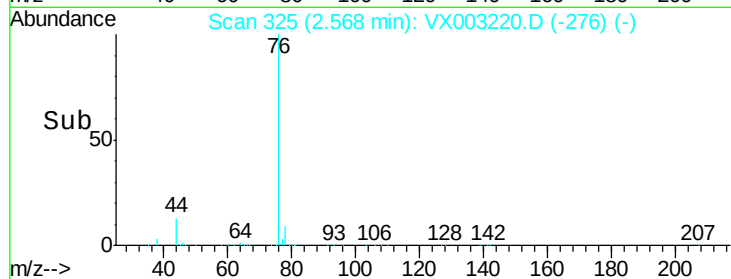
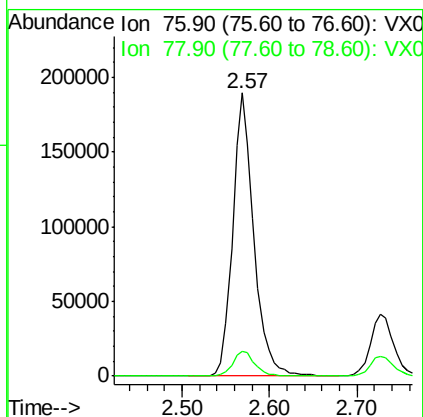
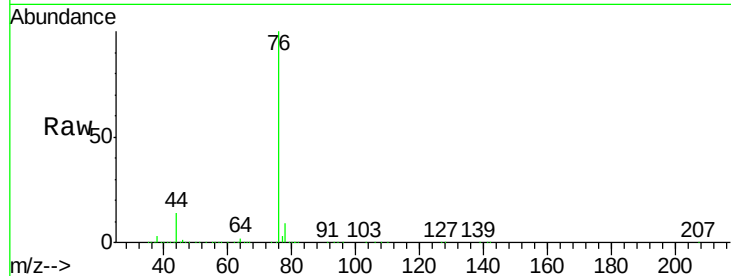




#17
Carbon Disulfide
Concen: 44.71 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

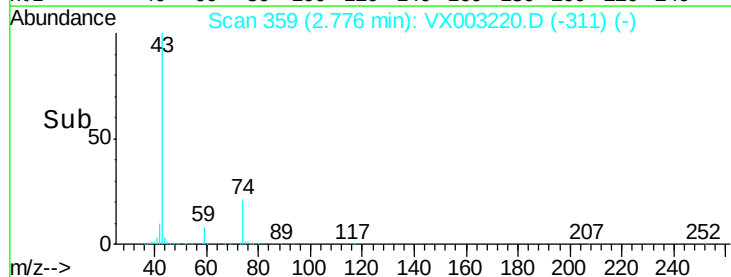
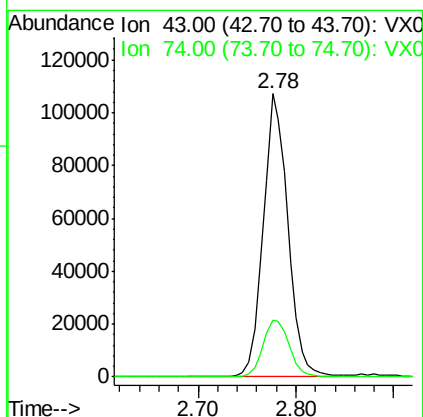
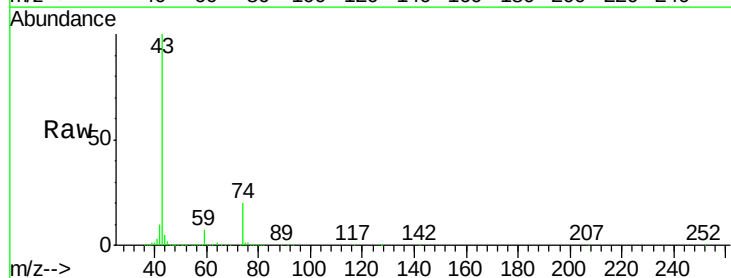
Instrument :
MSVOA_X
ClientSampleId :

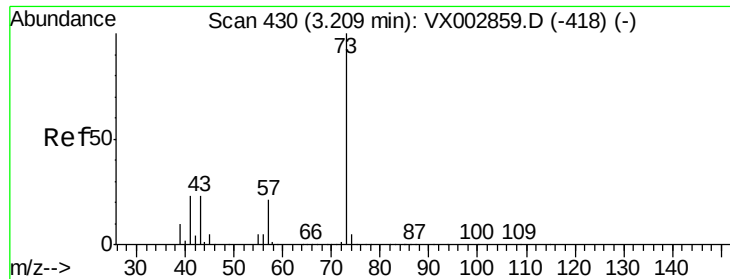
Tot Ion: 76 Resp: 318801
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 42.89 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Tgt Ion: 43 Resp: 186243
Ion Ratio Lower Upper
43 100
74 22.2 16.7 25.1



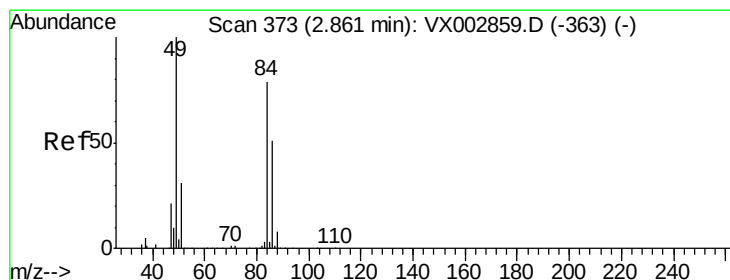
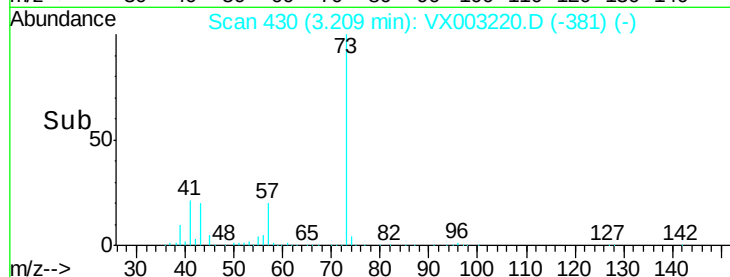
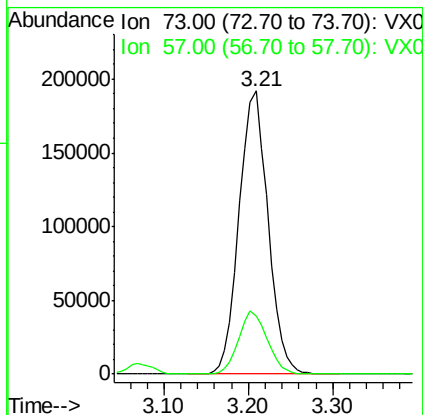
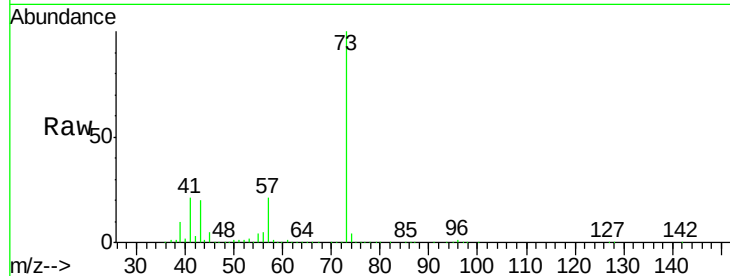


#19

Methyl tert-butyl Ether
 Concen: 46.16 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX003220.D
 Acq: 06 Jul 2018 18:08

Instrument :
 MSVOA_X
 ClientSampled :

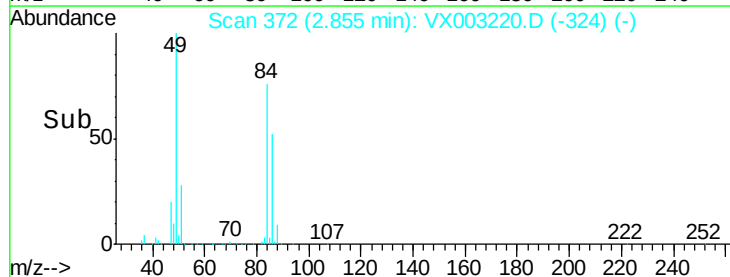
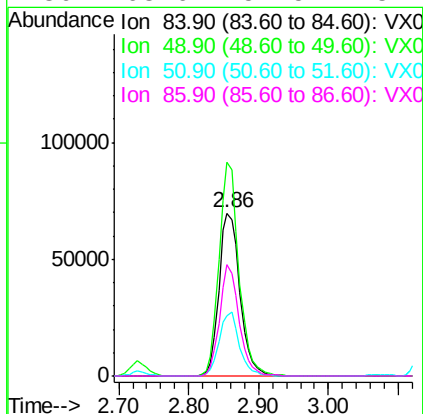
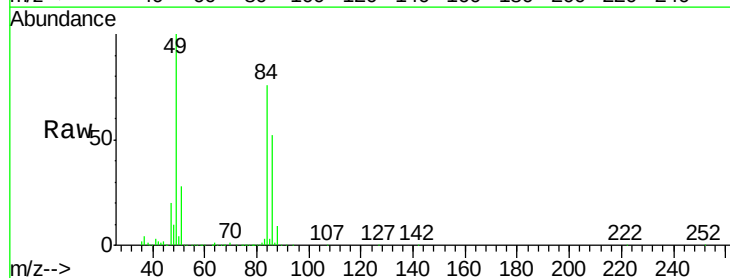
Tot Ion: 73 Resp: 444126
 Ion Ratio Lower Upper
 73 100
 57 20.5 17.7 26.5

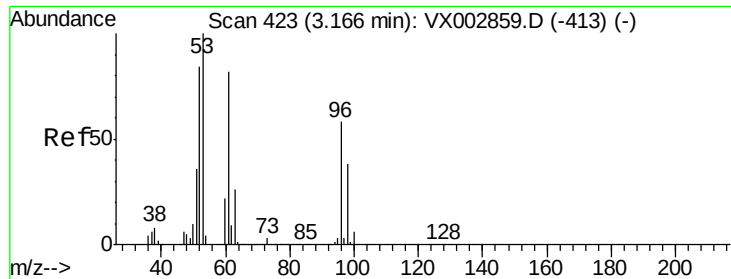


#20

Methylene Chloride
 Concen: 47.93 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX003220.D
 Acq: 06 Jul 2018 18:08

Tgt Ion: 84 Resp: 144869
 Ion Ratio Lower Upper
 84 100
 49 130.9 107.8 161.6
 51 37.1 32.8 49.2
 86 68.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.67 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

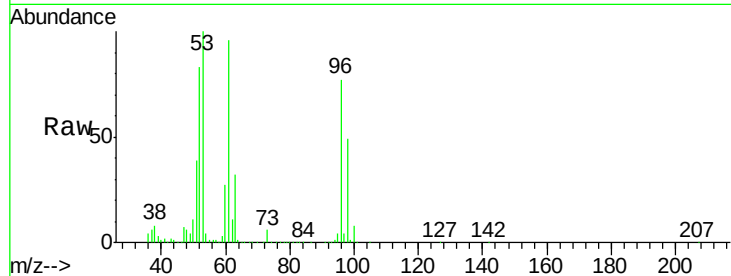
Tot Ion: 96 Resp: 136042

Ion Ratio Lower Upper

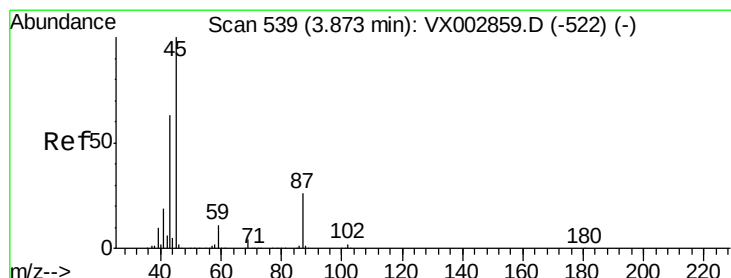
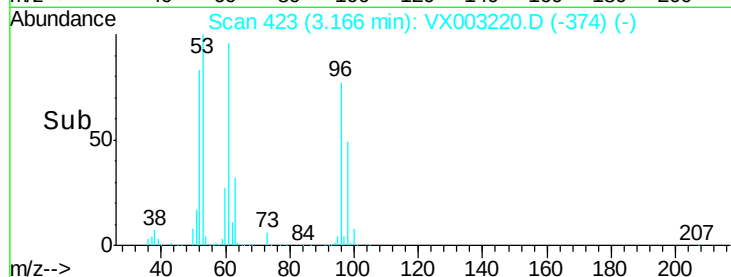
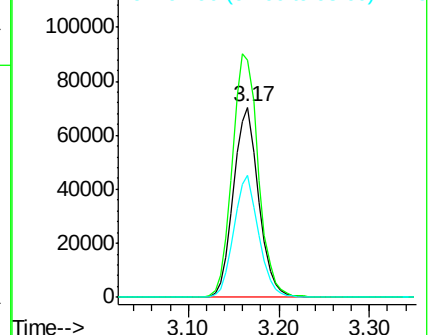
96 100

61 124.7 117.0 175.4

98 63.8 52.4 78.6



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



#22

Diisopropyl ether

Concen: 46.56 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Tgt Ion: 45 Resp: 469483

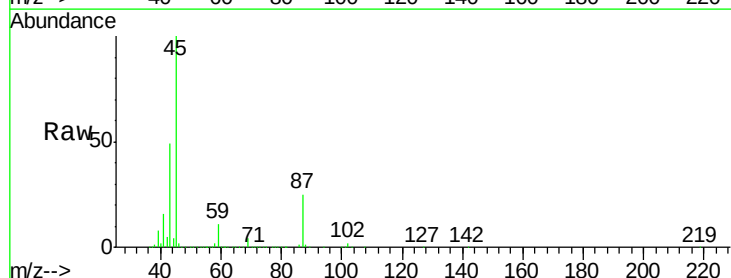
Ion Ratio Lower Upper

45 100

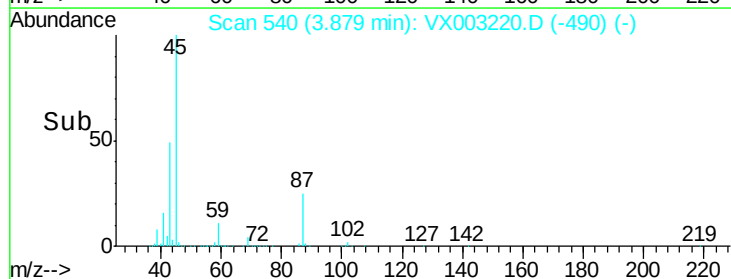
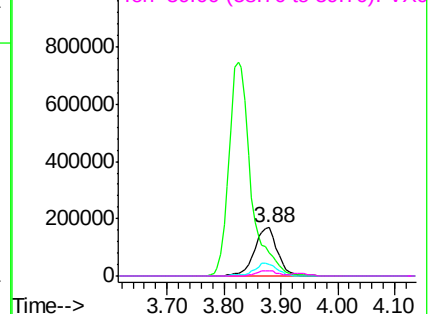
43 48.8 46.8 70.2

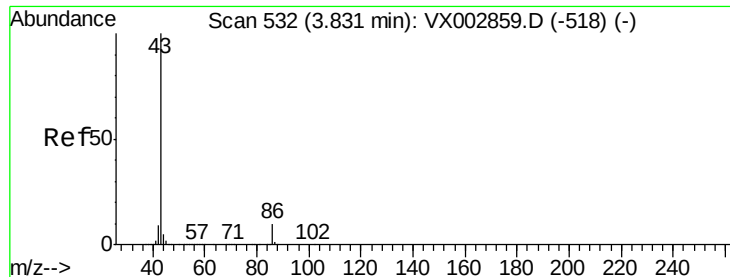
87 24.9 20.2 30.4

59 11.3 8.7 13.1



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





#23

Vinyl Acetate

Concen: 235.09 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

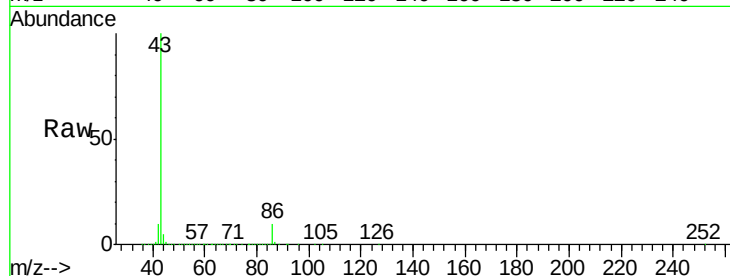
ClientSampleId :

Tot Ion: 43 Resp: 2007334

Ion Ratio Lower Upper

43 100

86 10.1 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

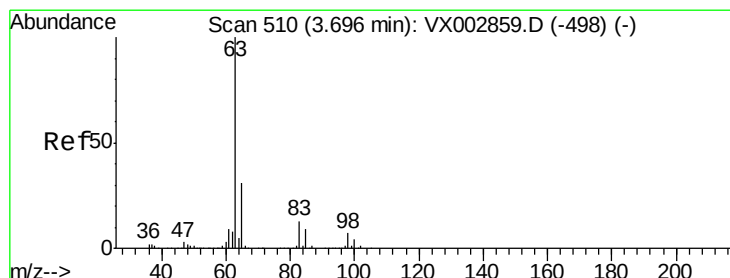
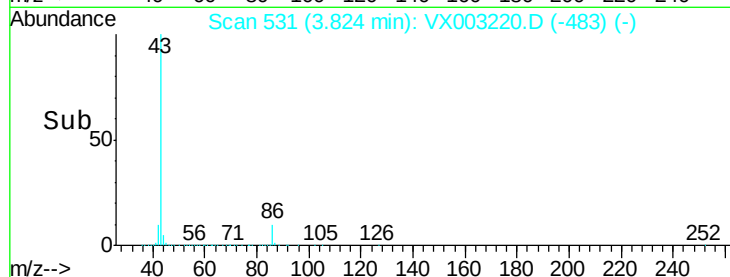
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 46.53 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

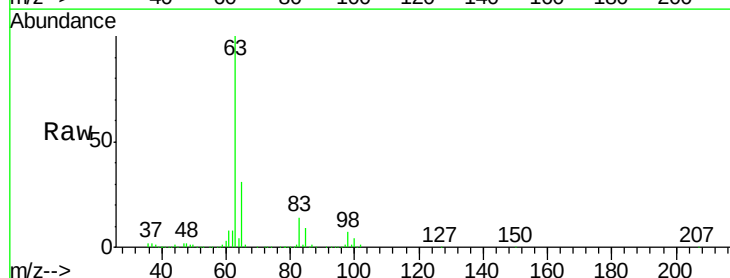
Tgt Ion: 63 Resp: 255013

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.5 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

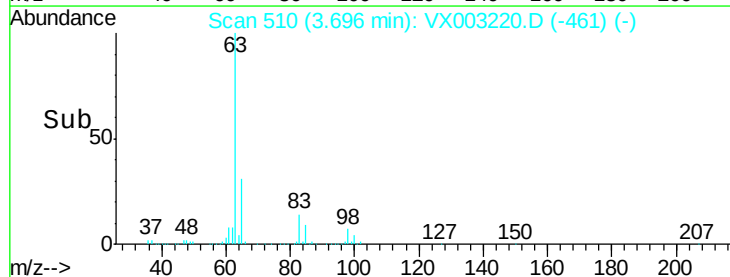
3.70

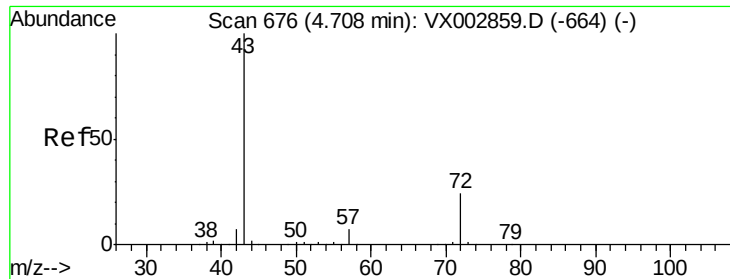
100000

50000

0

Time--> 3.50 3.60 3.70 3.80





#25

2-Butanone

Concen: 236.96 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

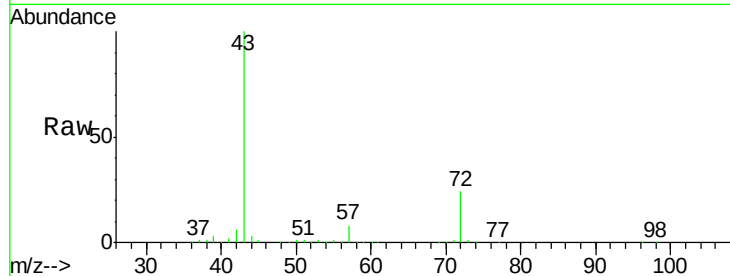
ClientSampled :

Tot Ion: 43 Resp: 546228

Ion Ratio Lower Upper

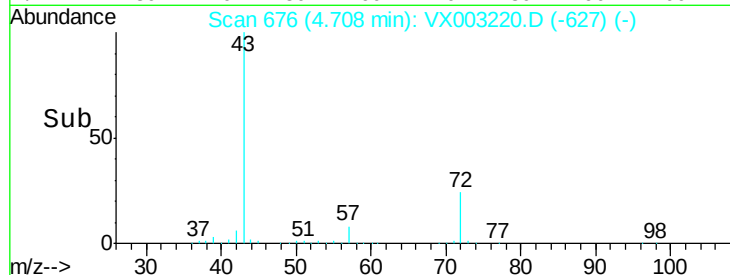
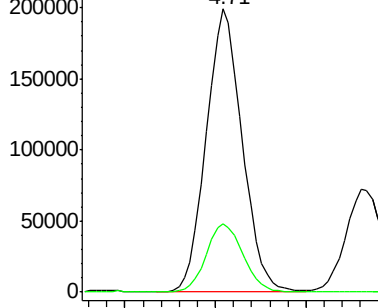
43 100

72 24.1 18.5 27.7

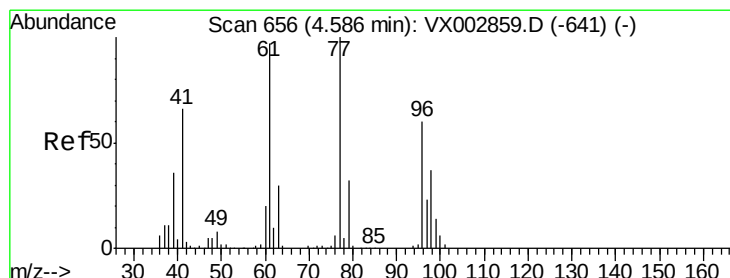


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 51.08 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003220.D

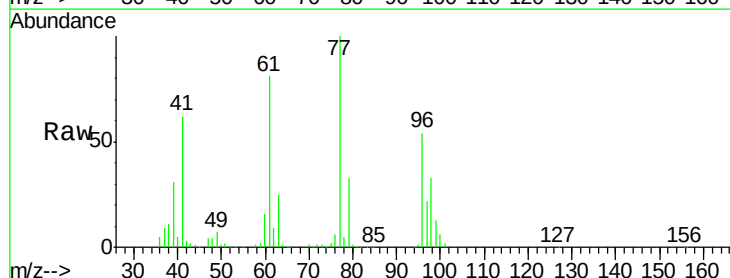
Acq: 06 Jul 2018 18:08

Tgt Ion: 77 Resp: 227663

Ion Ratio Lower Upper

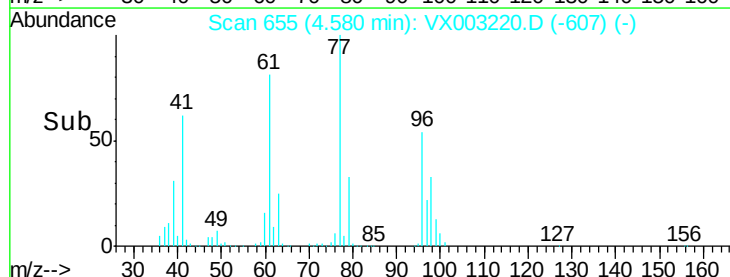
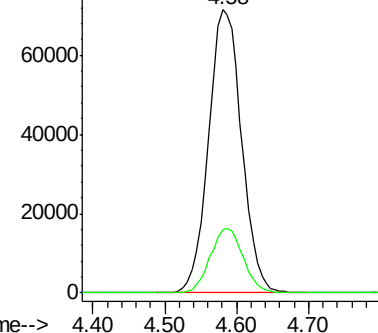
77 100

97 22.7 11.2 33.5

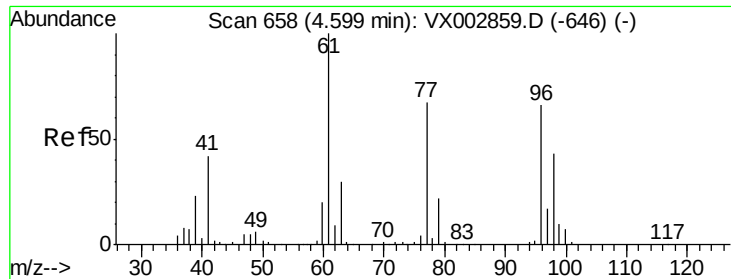


Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->



#27

cis-1,2-Dichloroethene

Concen: 49.36 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampled :

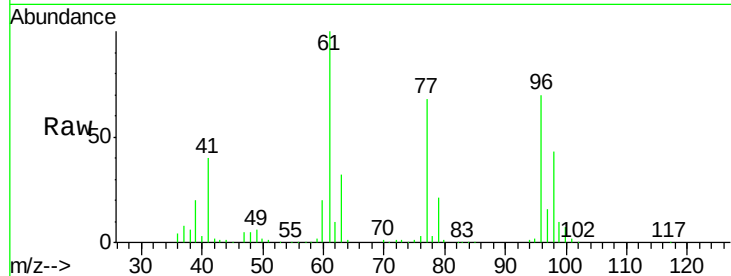
Tot Ion: 96 Resp: 161328

Ion Ratio Lower Upper

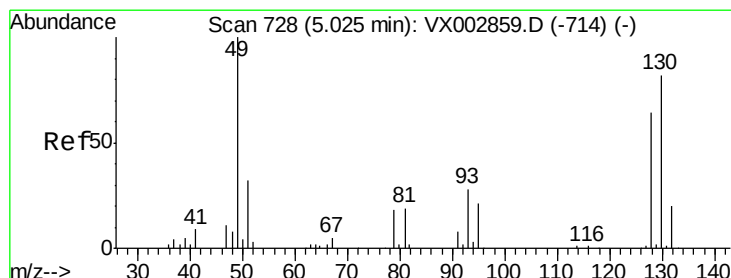
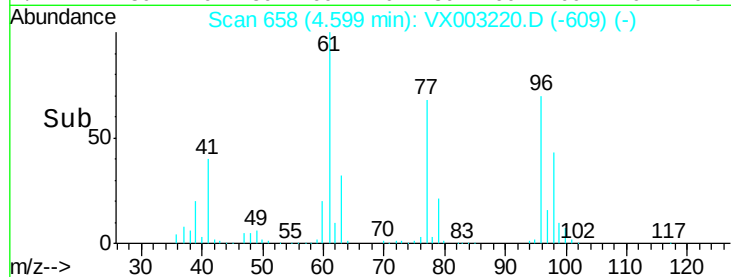
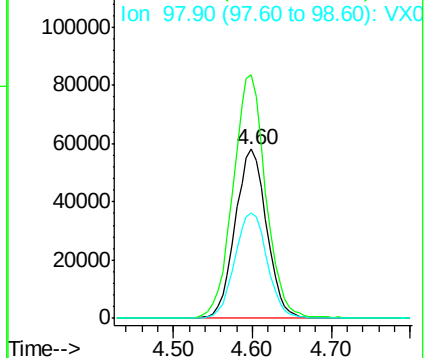
96 100

61 149.8 0.0 330.2

98 64.2 0.0 130.2



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



#28

Bromochloromethane

Concen: 45.99 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

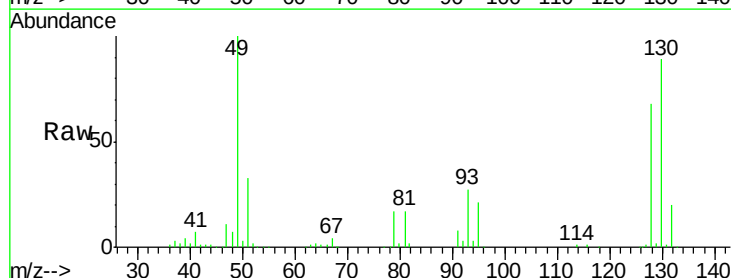
Tgt Ion: 49 Resp: 120645

Ion Ratio Lower Upper

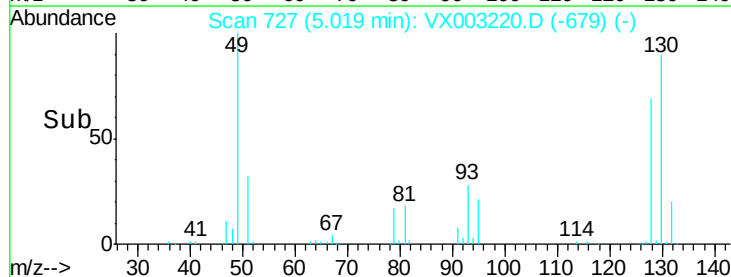
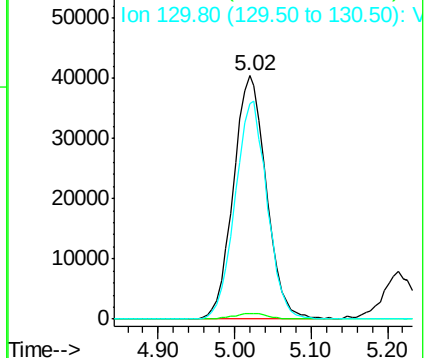
49 100

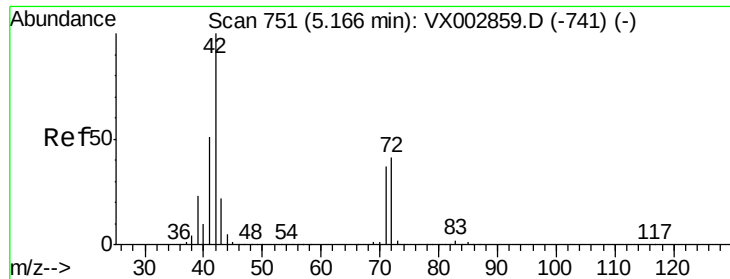
129 2.4 0.0 4.2

130 87.3 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

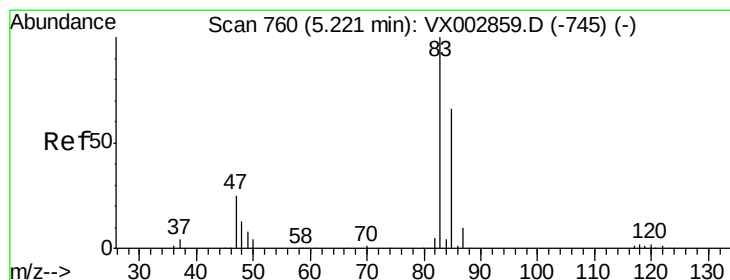
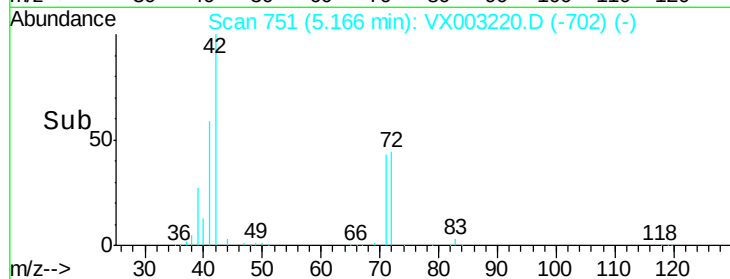
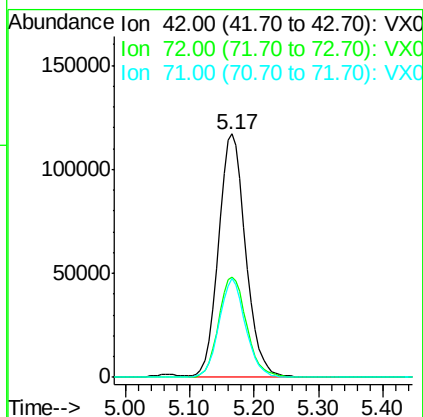
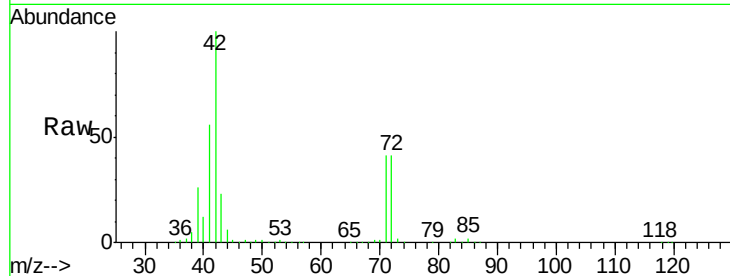




#29
Tetrahydrofuran
Concen: 234.31 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

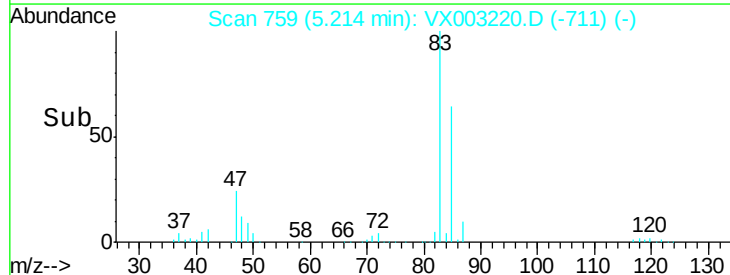
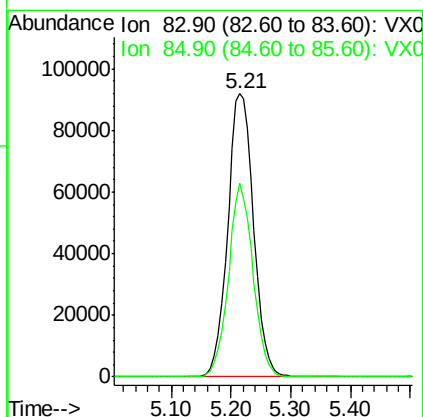
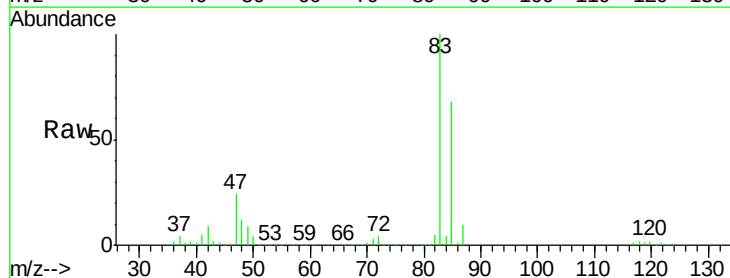
Instrument :
MSVOA_X
ClientSampled :

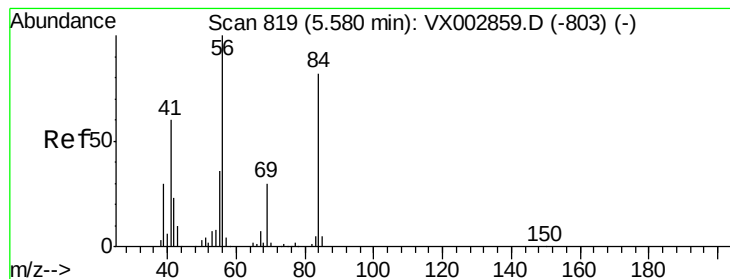
Tot Ion: 42 Resp: 346369
Ion Ratio Lower Upper
42 100
72 42.8 32.0 48.0
71 39.5 30.1 45.1



#30
Chloroform
Concen: 49.11 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Tgt Ion: 83 Resp: 276246
Ion Ratio Lower Upper
83 100
85 68.4 50.4 75.6





#31

Cyclohexane

Concen: 47.47 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

ClientSampleId :

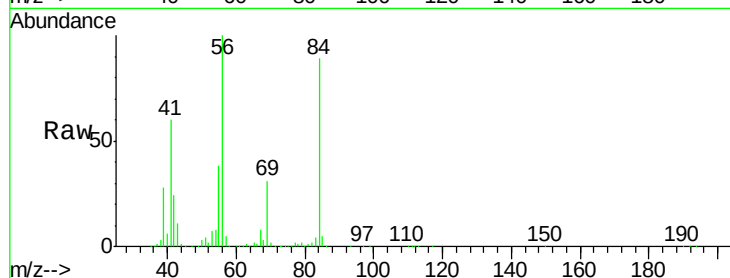
Tot Ion: 56 Resp: 223258

Ion Ratio Lower Upper

56 100

69 31.5 23.7 35.5

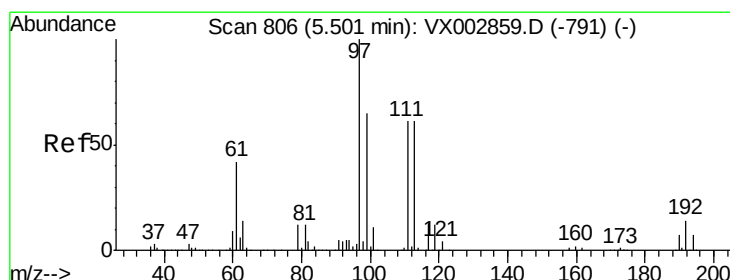
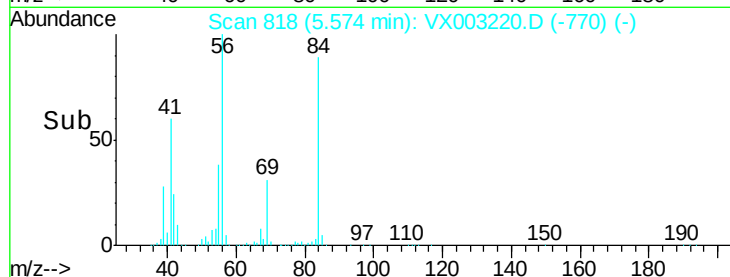
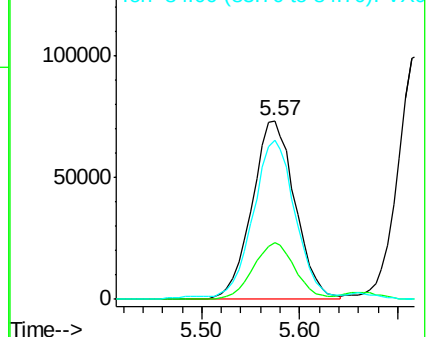
84 87.4 64.1 96.1



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: 49.66 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

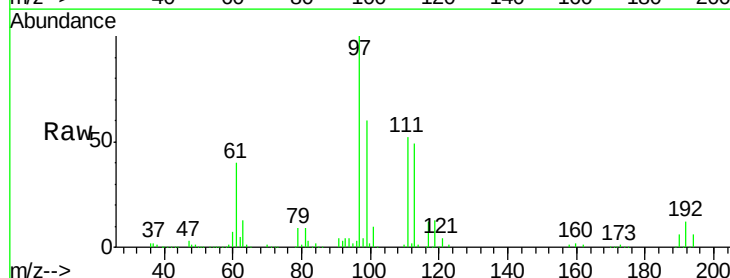
Tgt Ion: 97 Resp: 245779

Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

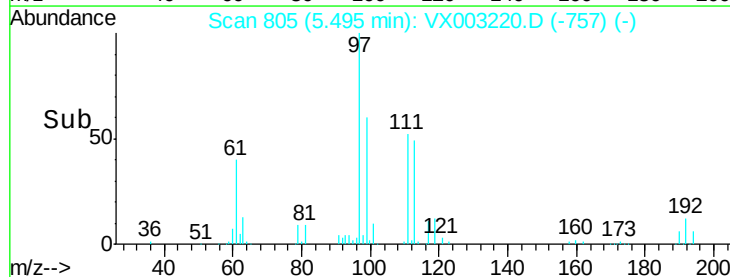
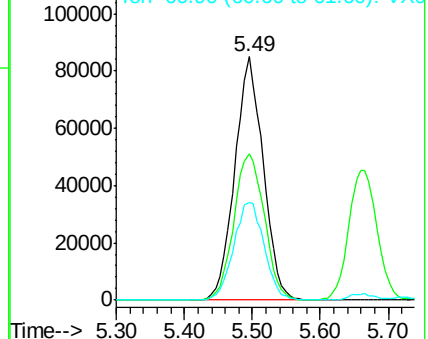
61 43.2 36.4 54.6

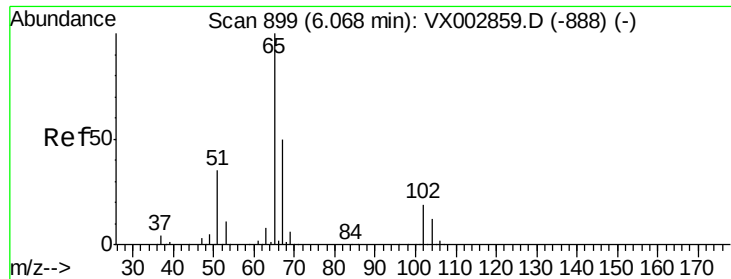


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

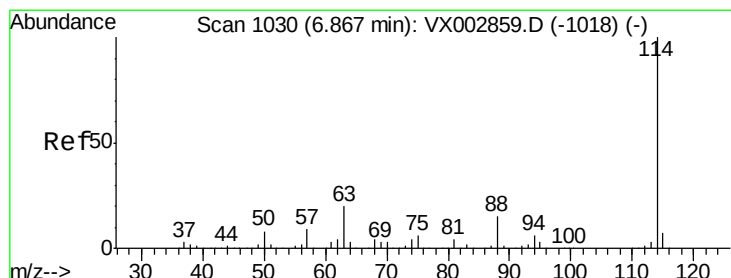
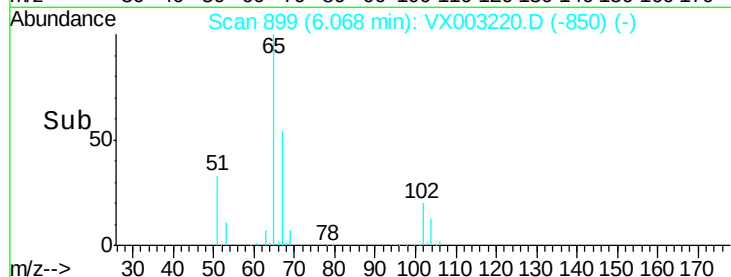
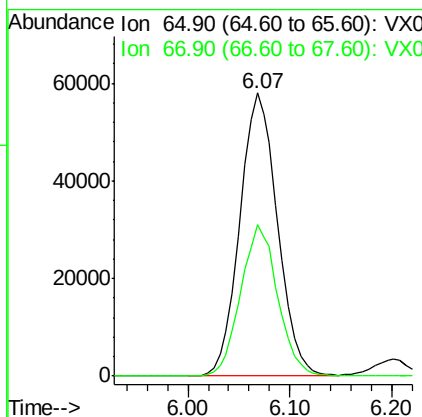
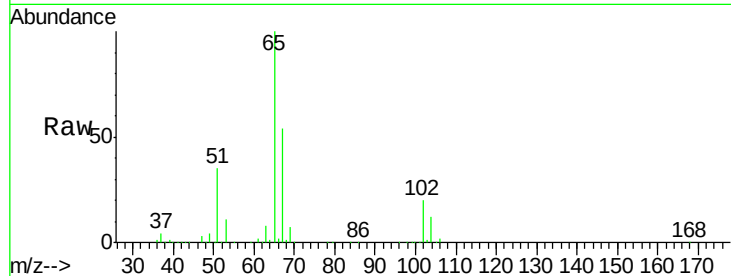




#33
 1,2-Dichloroethane-d4
 Concen: 39.73 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003220.D
 Acq: 06 Jul 2018 18:08

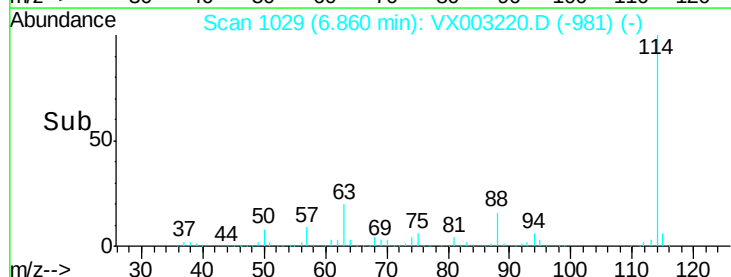
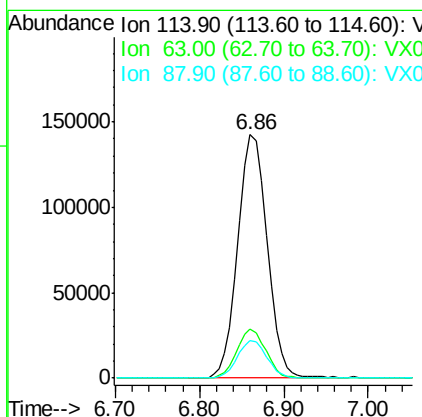
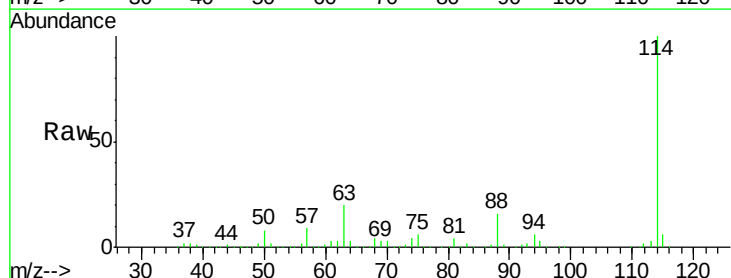
Instrument :
 MSVOA_X
 ClientSampleId :

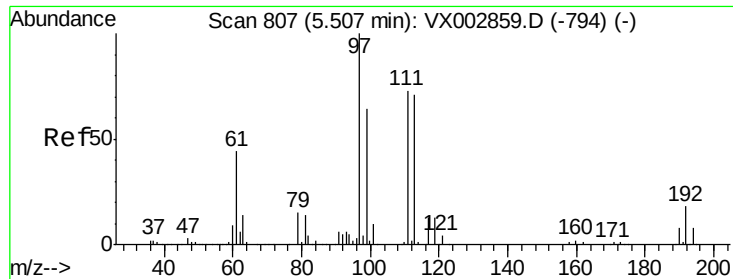
Tot Ion: 65 Resp: 148995
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003220.D
 Acq: 06 Jul 2018 18:08

Tgt Ion: 114 Resp: 336966
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.6 0.0 30.0

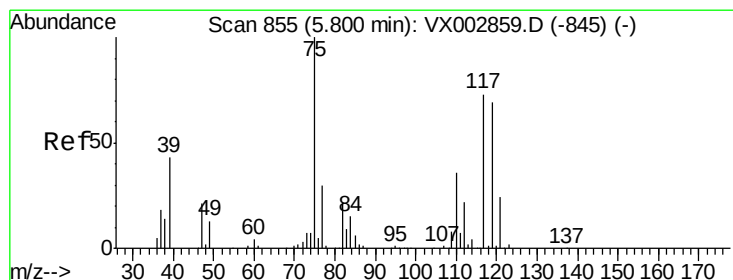
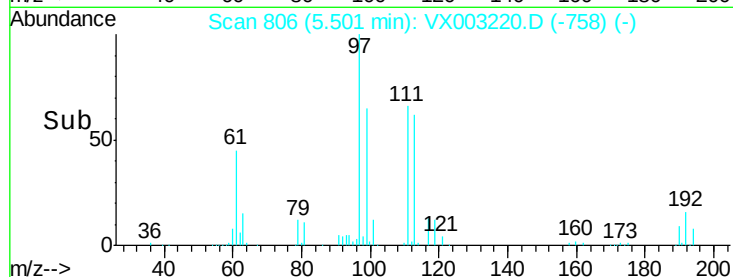
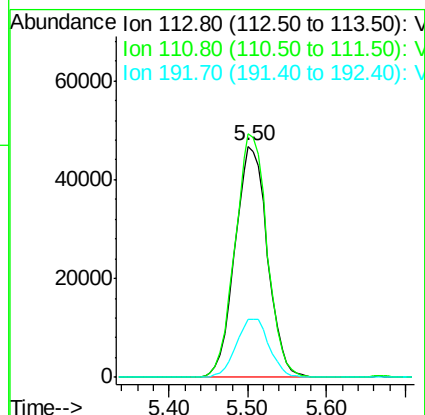
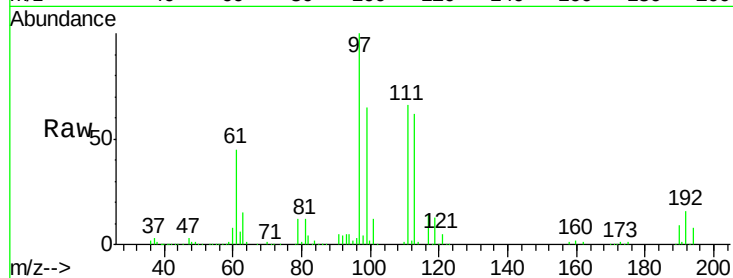




#35
Dibromofluoromethane
Concen: 50.30 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

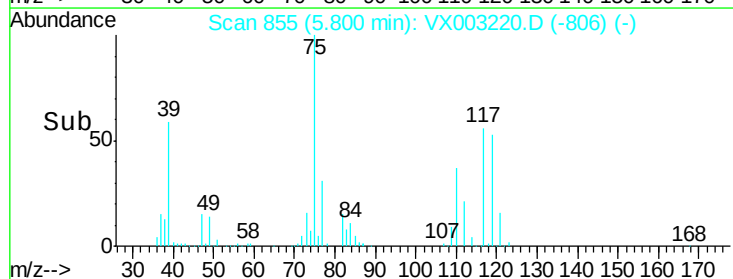
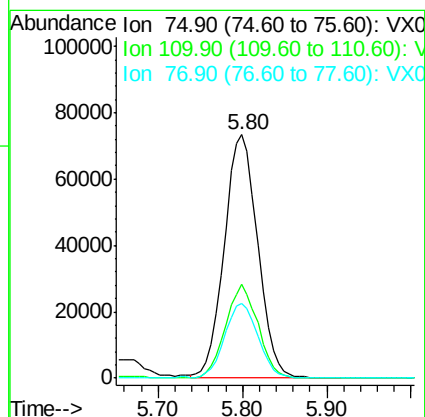
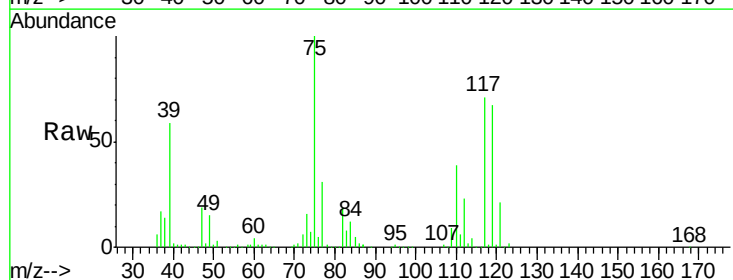
Instrument :
MSVOA_X
ClientSampleId :

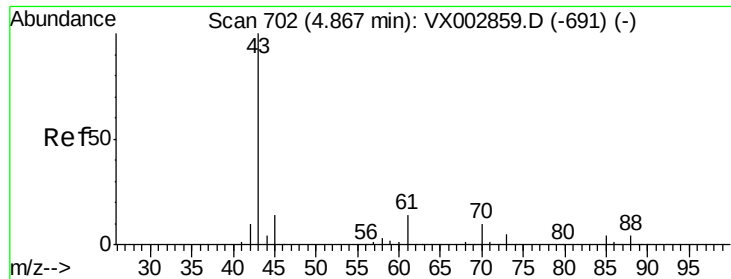
Tot Ion:113 Resp: 134226
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 25.6 19.1 28.7



#36
1,1-Dichloropropene
Concen: 53.67 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Tgt Ion: 75 Resp: 198325
Ion Ratio Lower Upper
75 100
110 37.6 18.1 54.4
77 30.6 24.3 36.5

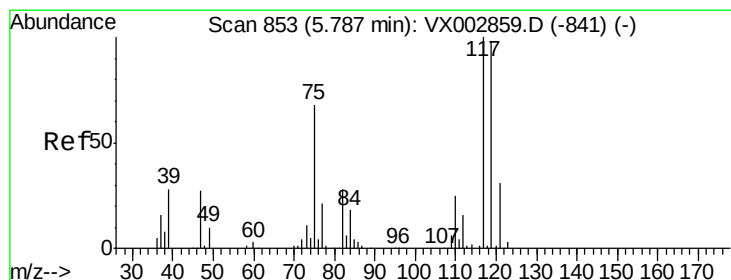
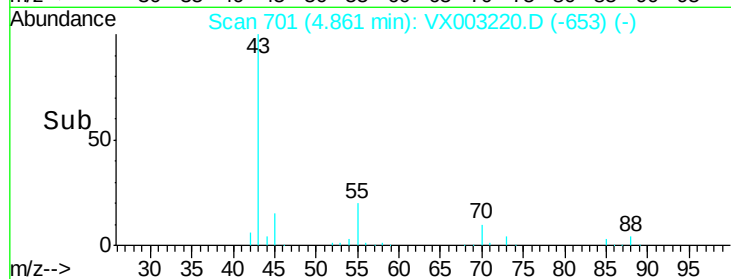
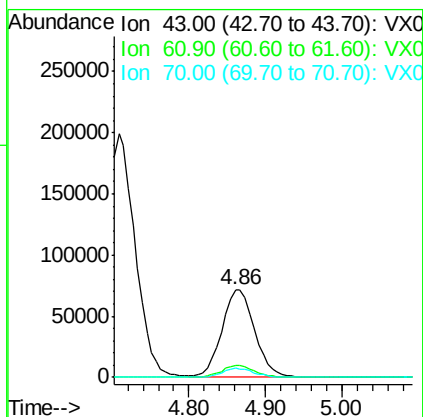
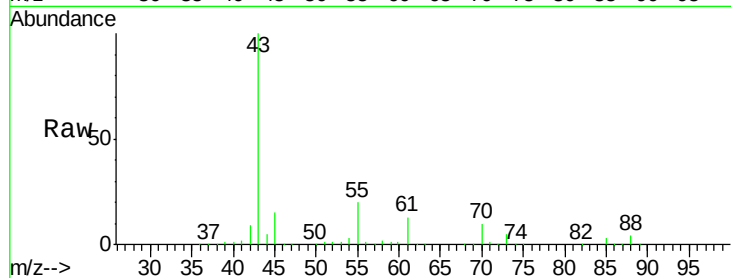




#37
Ethyl Acetate
Concen: 53.01 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

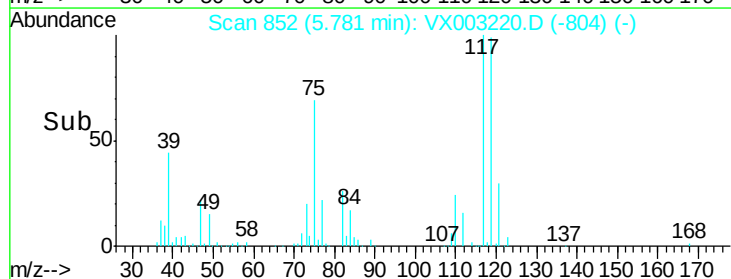
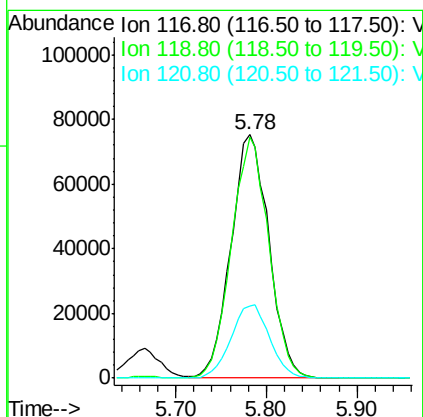
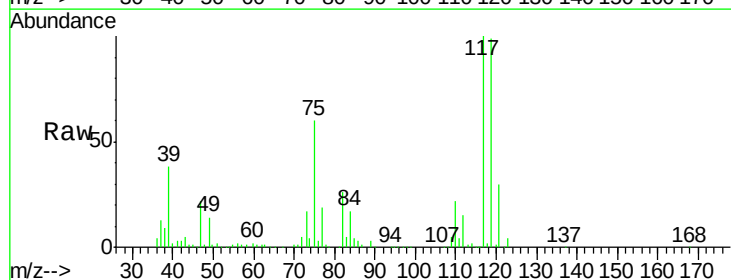
Instrument :
MSVOA_X
ClientSampled :

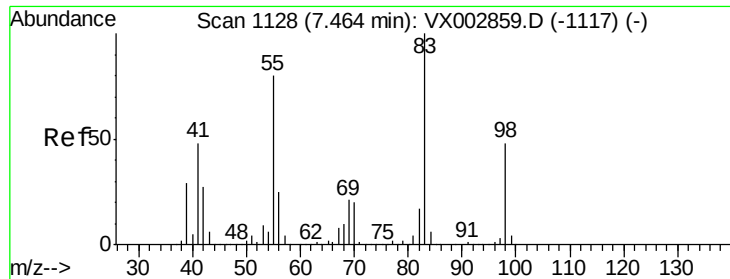
Tot Ion: 43 Resp: 210915
Ion Ratio Lower Upper
43 100
61 13.7 10.4 15.6
70 10.1 7.6 11.4



#38
Carbon Tetrachloride
Concen: 53.86 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Tgt Ion: 117 Resp: 218404
Ion Ratio Lower Upper
117 100
119 98.8 77.4 116.0
121 29.9 24.4 36.6

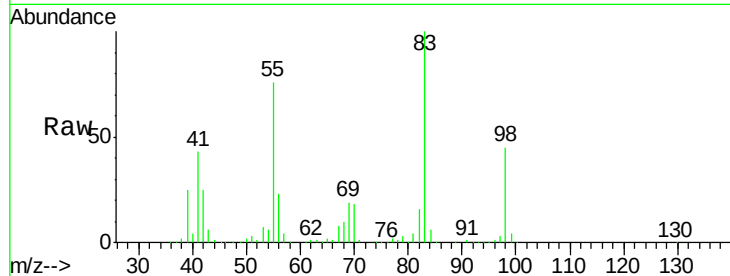




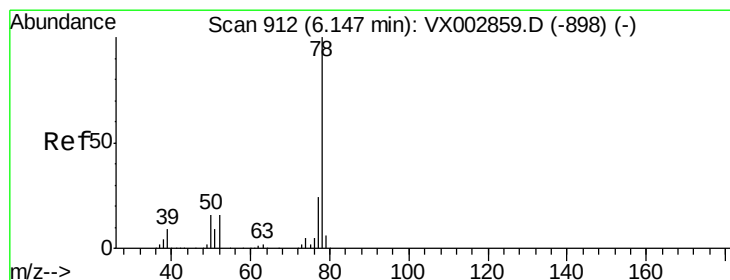
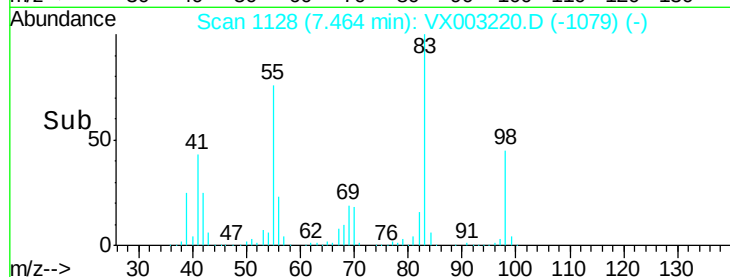
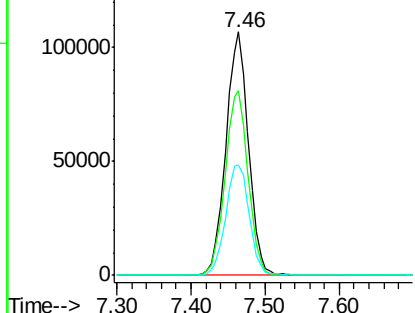
#39
Methylvlcyclohexane
Concen: 52.44 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 225715
Ion Ratio Lower Upper
83 100
55 75.8 65.4 98.0
98 45.3 37.4 56.0

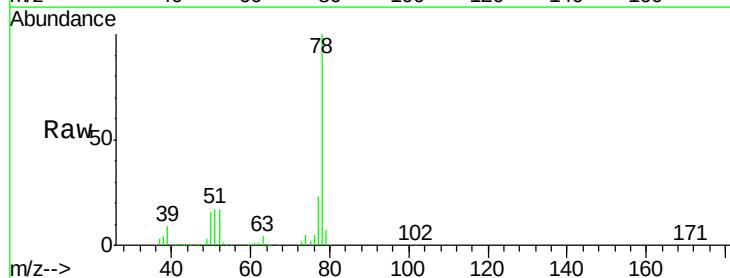


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

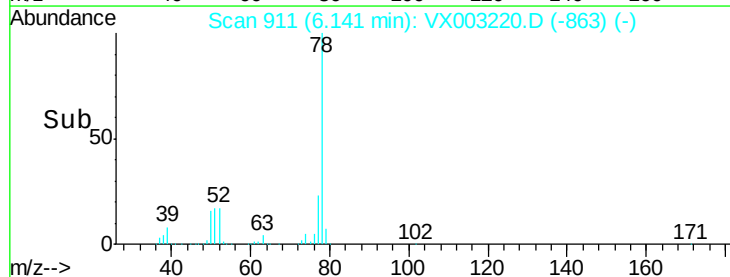
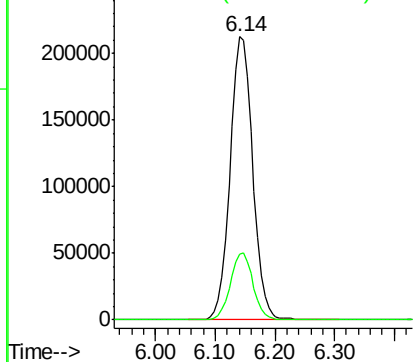


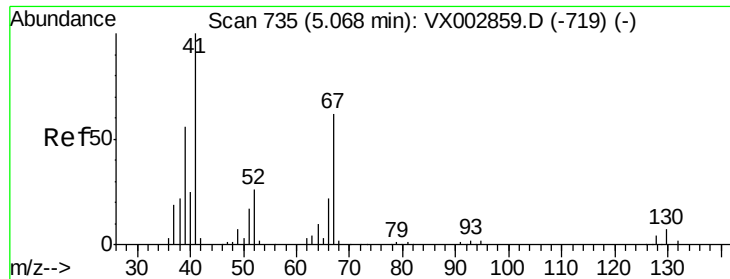
#40
Benzene
Concen: 52.31 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Tgt Ion: 78 Resp: 561611
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

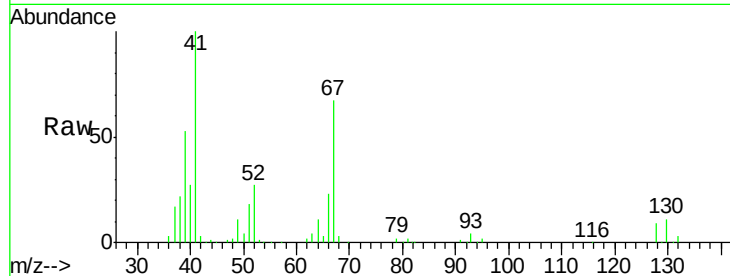




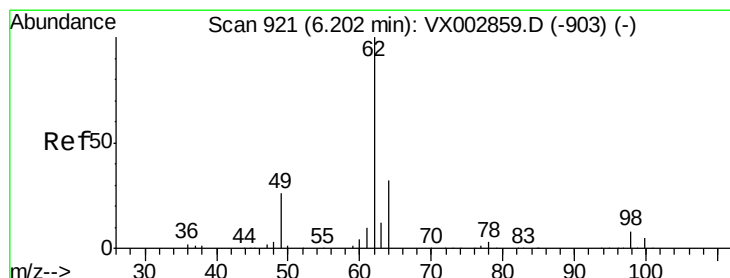
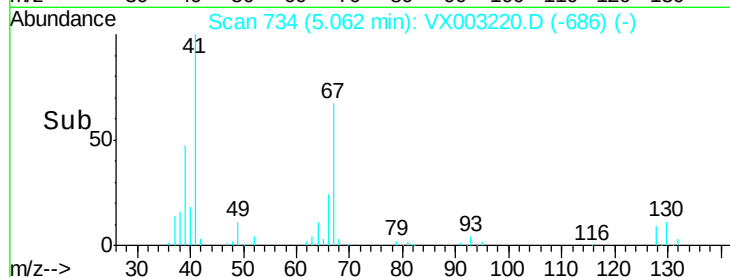
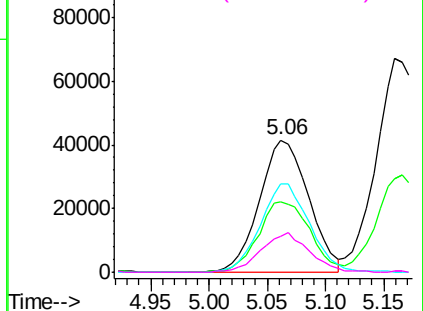
#41
Methacrylonitrile
Concen: 52.93 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	121261
Ion	Ratio	Lower	Upper
41	100		
39	56.4	45.8	68.6
67	67.4	51.3	76.9
52	28.6	23.0	34.6

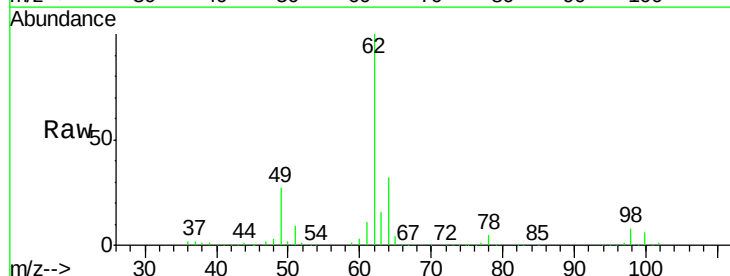


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

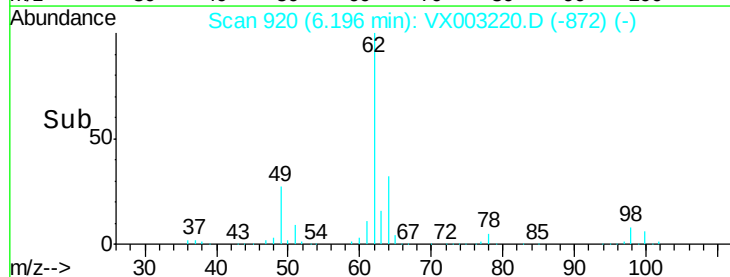
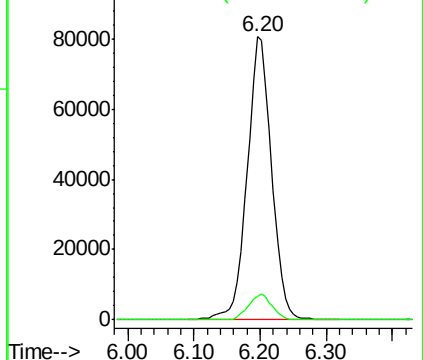


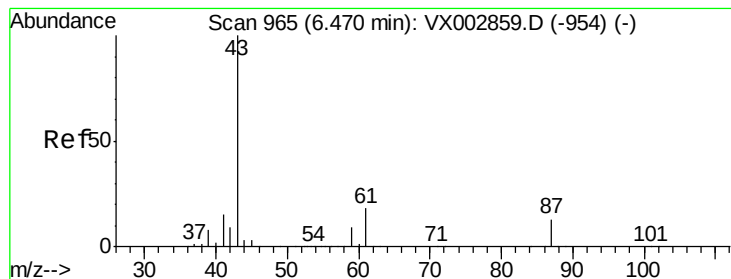
#42
1,2-Dichloroethane
Concen: 47.67 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Tgt Ion:	62	Resp:	206770
Ion	Ratio	Lower	Upper
62	100		
98	8.8	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: 49.30 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

ClientSampled :

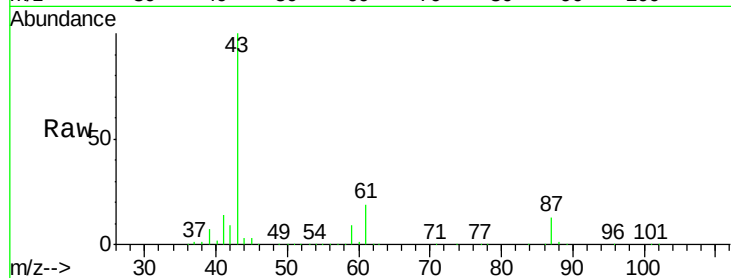
Tot Ion: 43 Resp: 328935

Ion Ratio Lower Upper

43 100

61 19.1 14.4 21.6

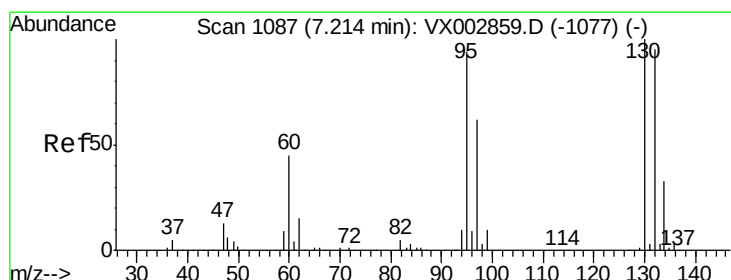
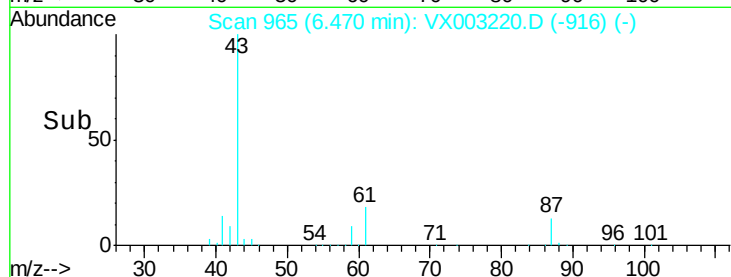
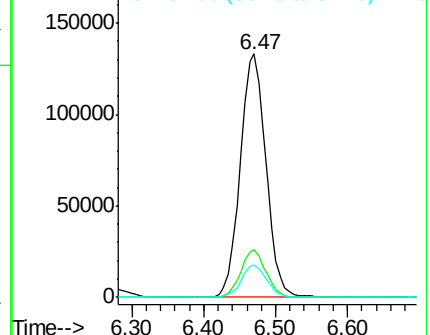
87 13.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.14 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003220.D

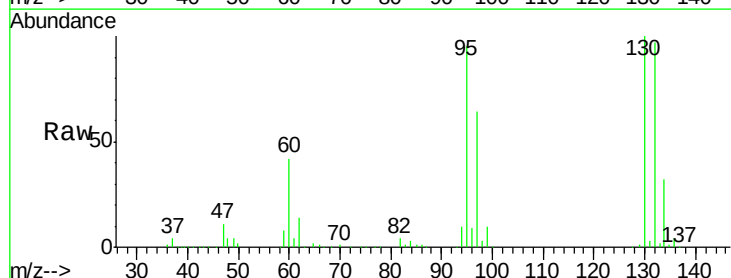
Acq: 06 Jul 2018 18:08

Tgt Ion:130 Resp: 166917

Ion Ratio Lower Upper

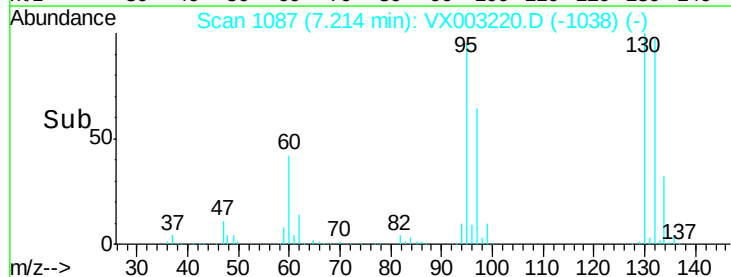
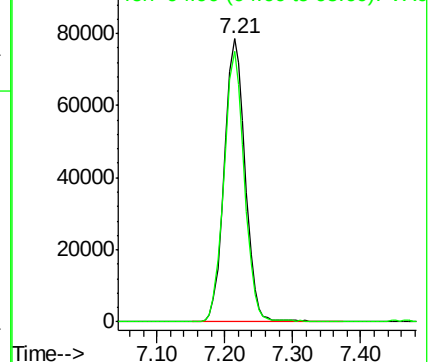
130 100

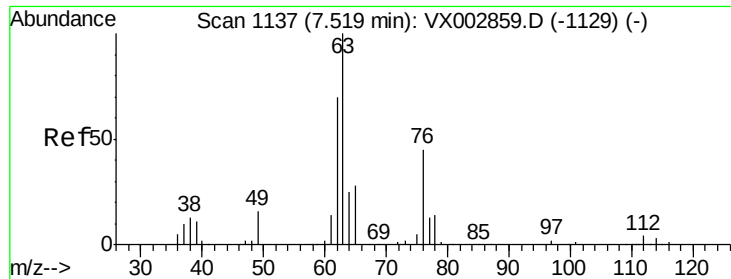
95 95.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

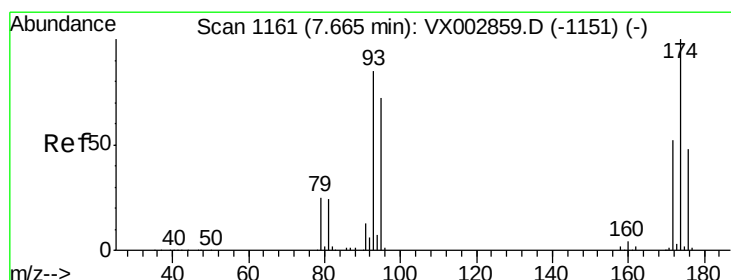
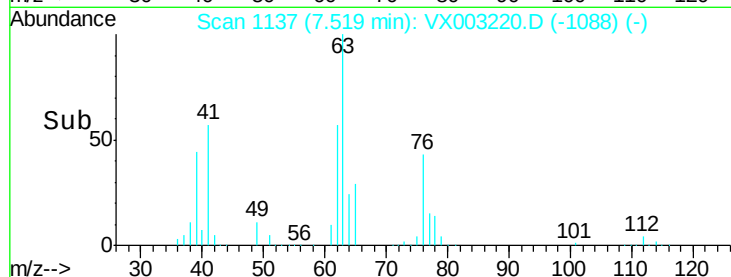
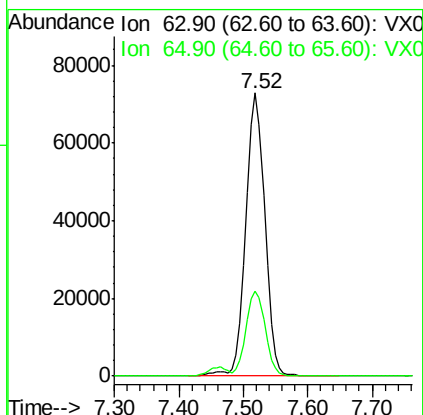
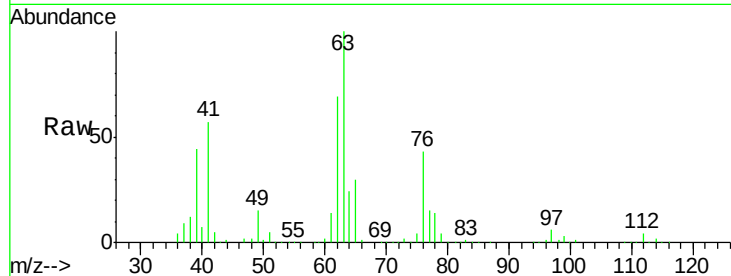




#45
 1,2-Dichloropropane
 Concen: 51.89 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003220.D
 Acq: 06 Jul 2018 18:08

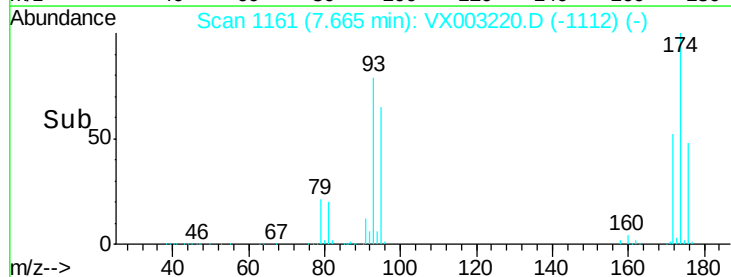
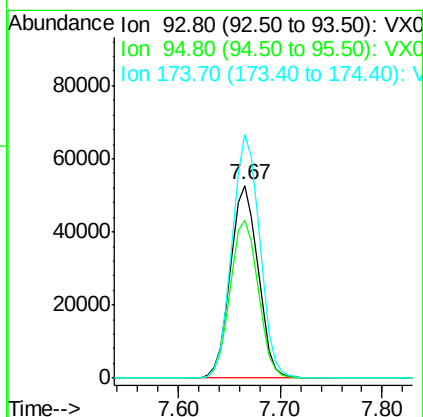
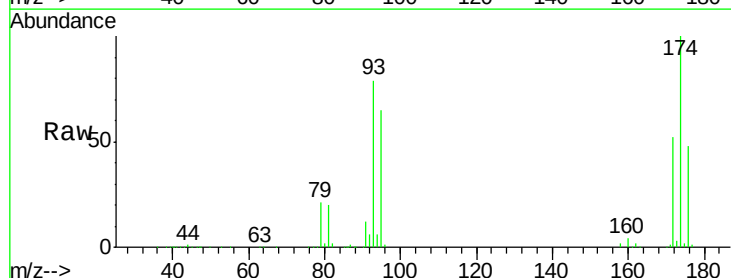
Instrument :
 MSVOA_X
 ClientSampled :

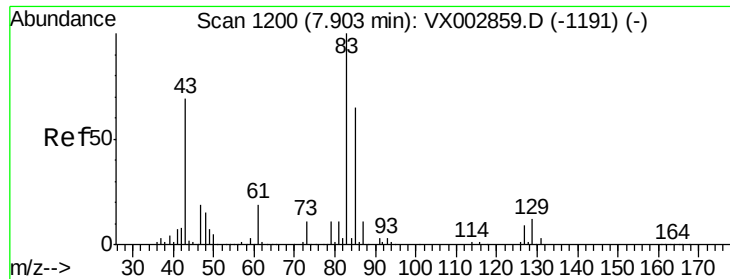
Tot Ion: 63 Resp: 147796
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.7 37.1



#46
 Dibromomethane
 Concen: 50.27 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003220.D
 Acq: 06 Jul 2018 18:08

Tgt Ion: 93 Resp: 99360
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.9 98.9
 174 125.8 92.4 138.6





#47

Bromodichloromethane

Concen: 52.77 ug/l

RT: 7.90 min Scan# 1200

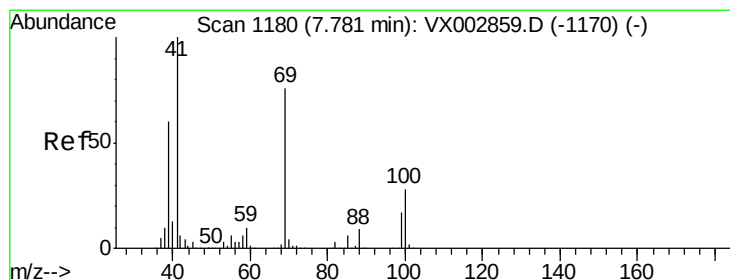
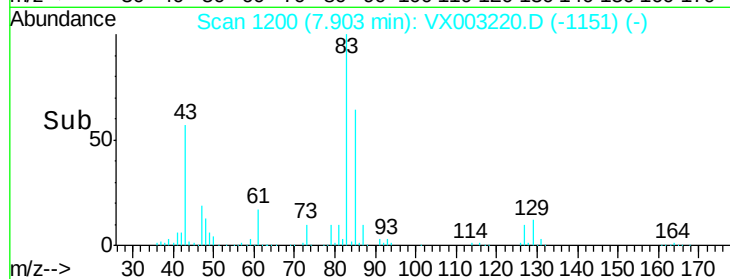
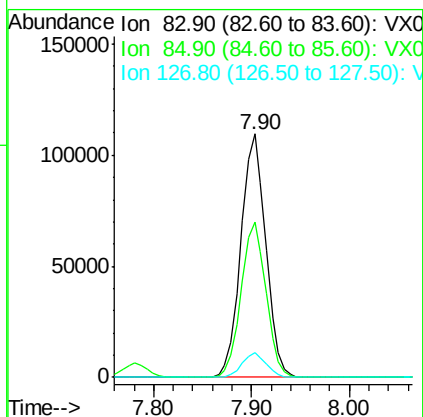
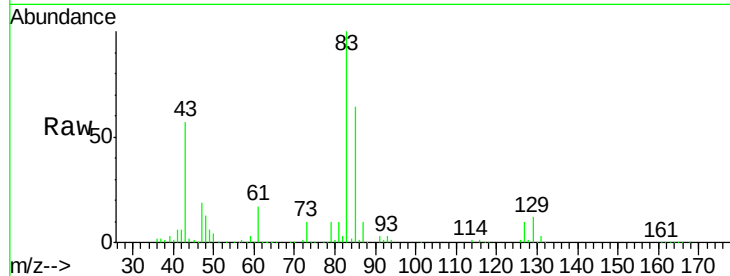
Delta R.T. -0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	83	Resp:	192836
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.3	75.5
127	10.0	7.0	10.4



#48

Methyl methacrylate

Concen: 49.33 ug/l

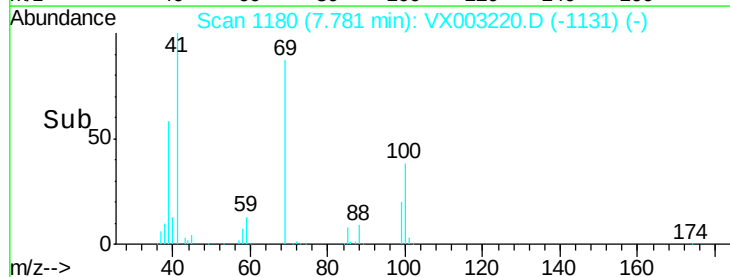
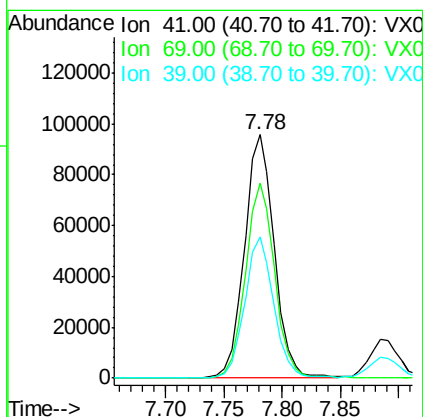
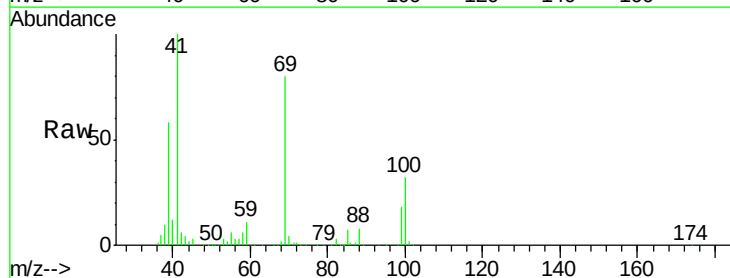
RT: 7.78 min Scan# 1180

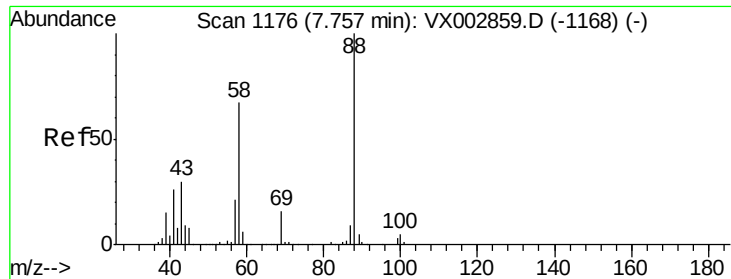
Delta R.T. -0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Tgt Ion:	41	Resp:	169622
Ion	Ratio	Lower	Upper
41	100		
69	79.3	59.1	88.7
39	56.5	48.9	73.3

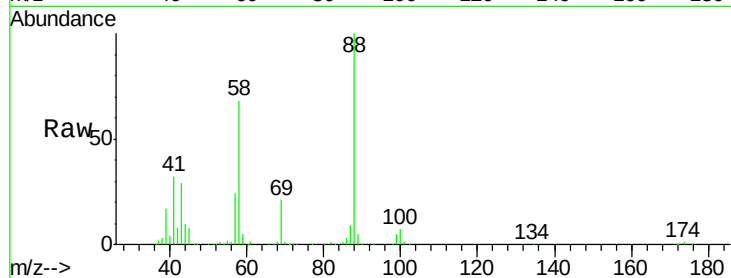




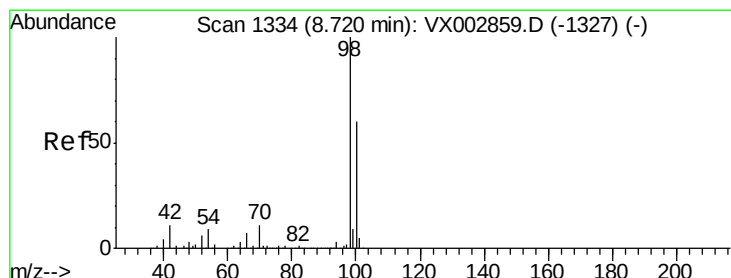
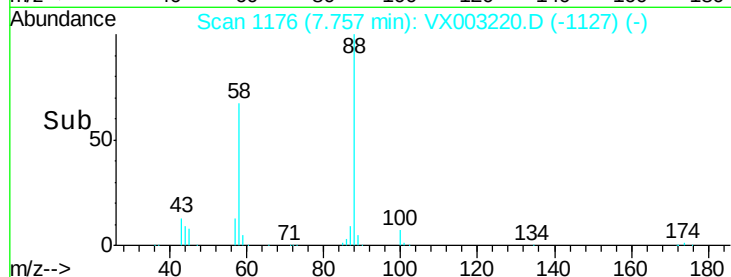
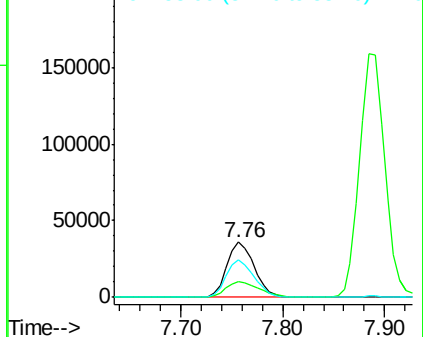
#49
1,4-Dioxane
Concen: 1008.18 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	67440
Ion	Ratio	Lower	Upper
88	100		
43	33.2	29.8	44.6
58	69.8	57.1	85.7

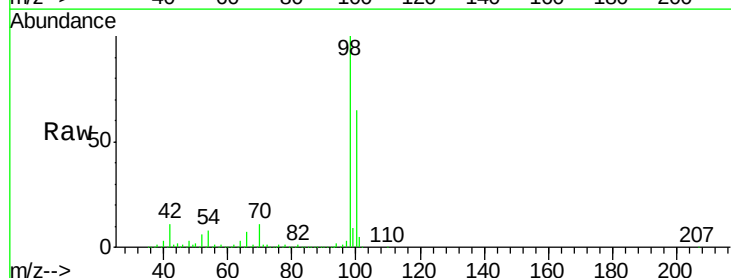


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

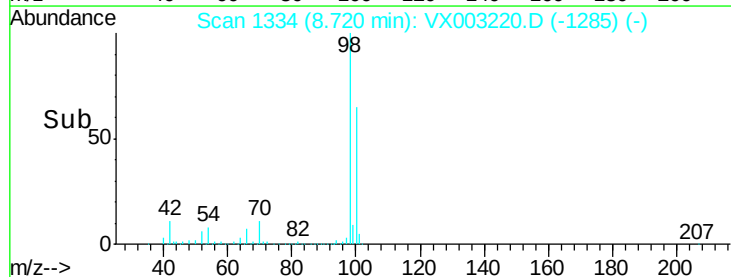
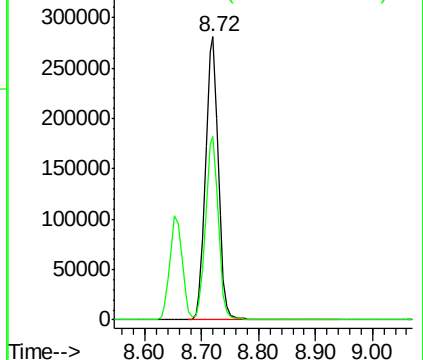


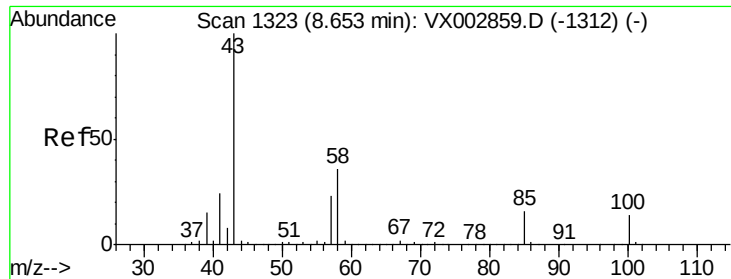
#50
Toluene-d8
Concen: 45.36 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Tgt Ion	98	Resp	442039
Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3



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

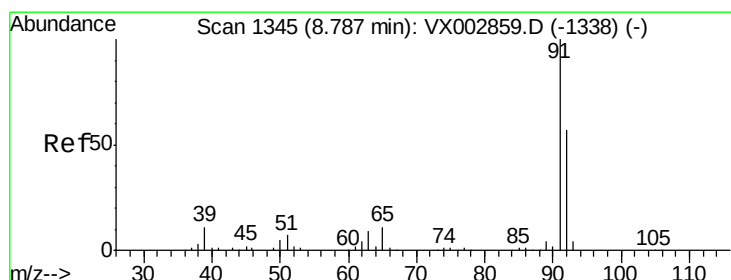
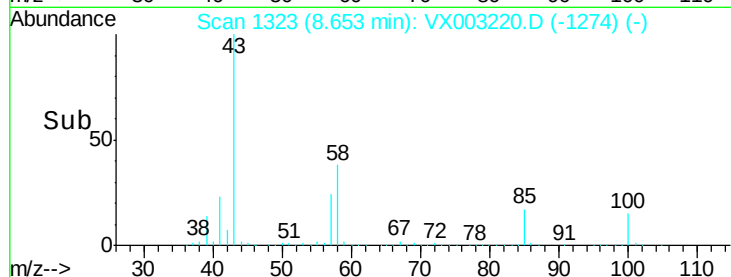
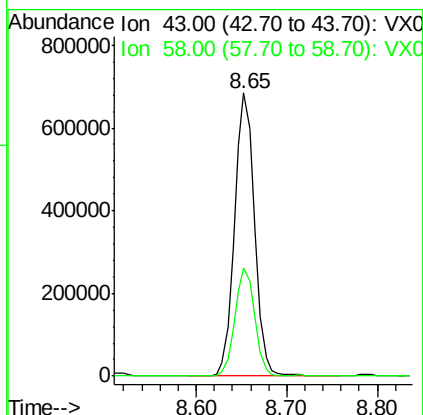
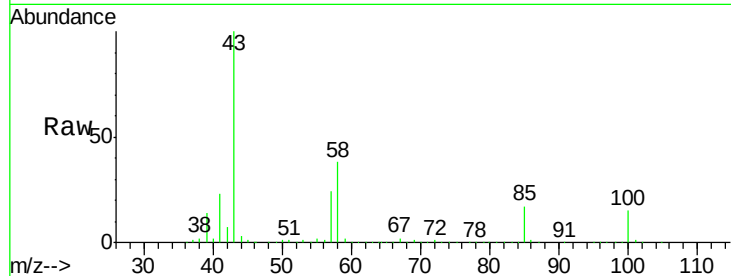




#51
4-Methyl-2-Pentanone
Concen: 253.00 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

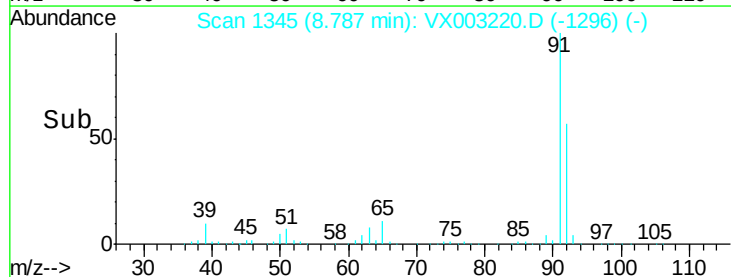
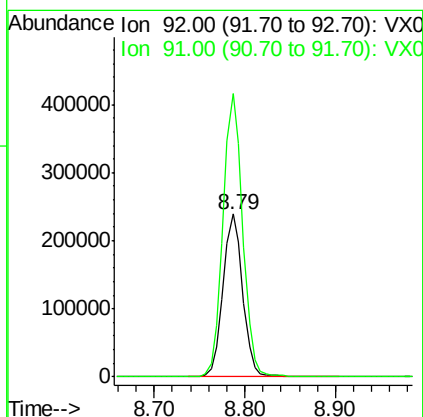
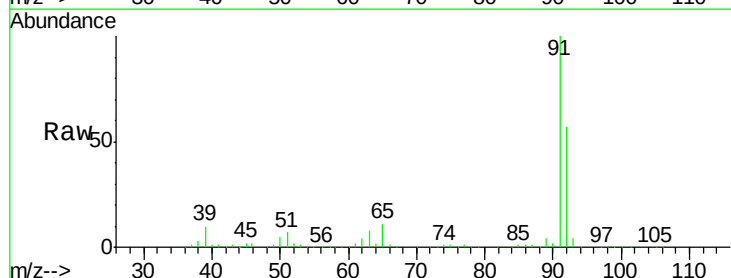
Instrument :
MSVOA_X
ClientSampleId :

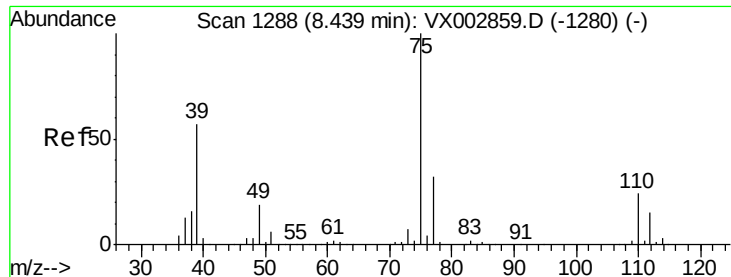
Tot Ion: 43 Resp: 1056233
Ion Ratio Lower Upper
43 100
58 37.7 28.6 42.8



#52
Toluene
Concen: 52.50 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Tgt Ion: 92 Resp: 361078
Ion Ratio Lower Upper
92 100
91 174.7 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 54.95 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

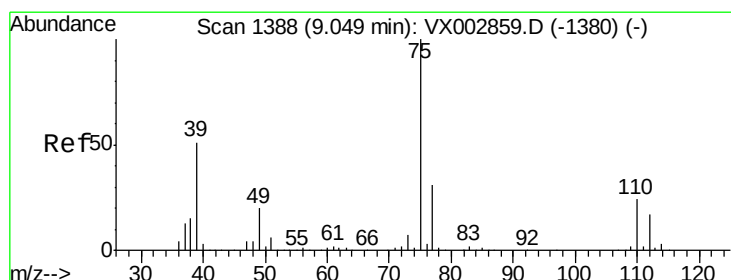
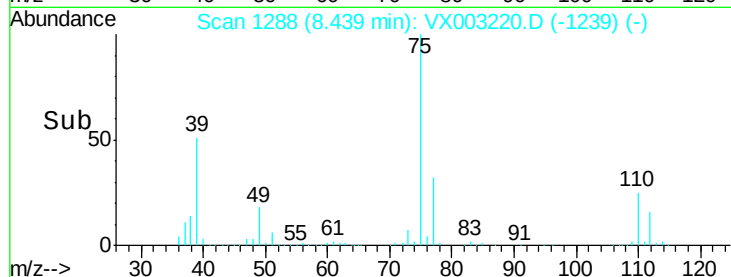
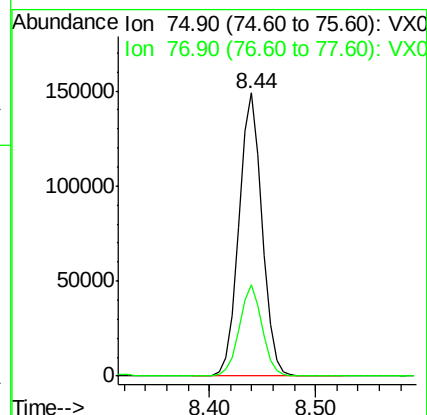
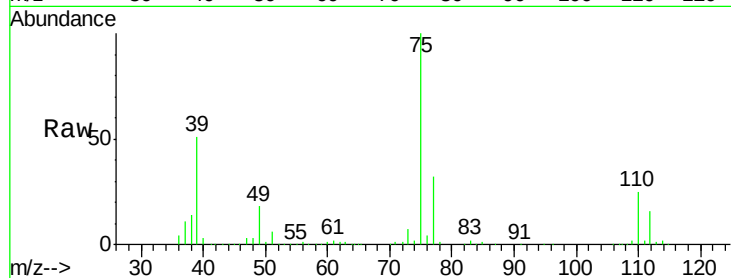
ClientSampleId :

Tot Ion: 75 Resp: 227398

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 53.09 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

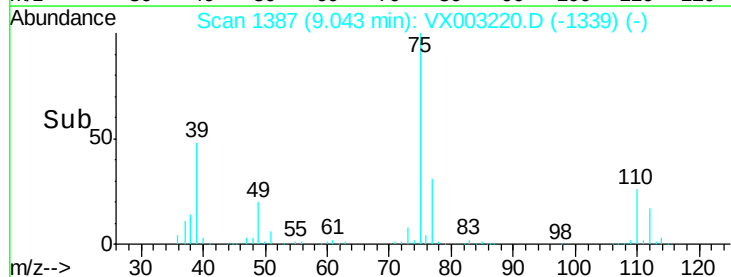
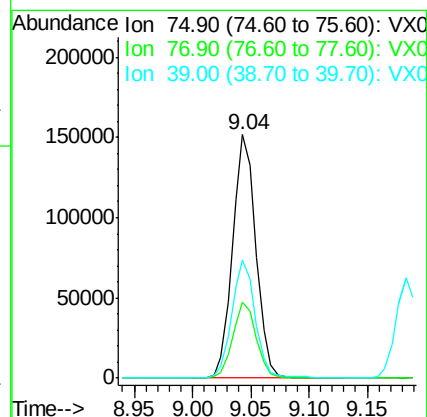
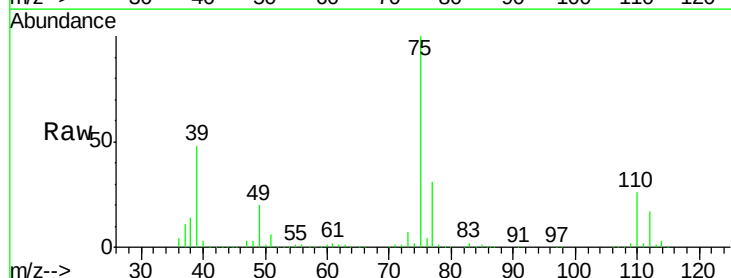
Tgt Ion: 75 Resp: 211404

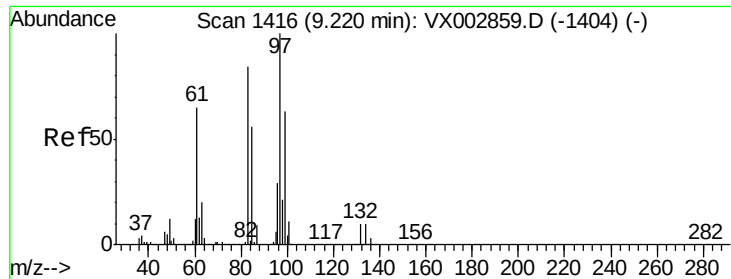
Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

39 48.3 42.4 63.6

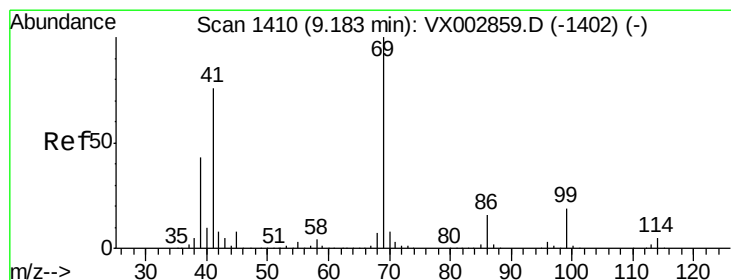
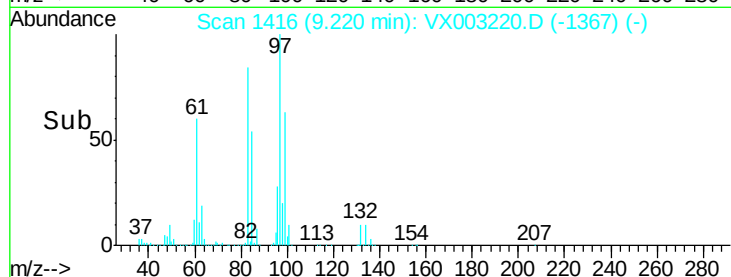
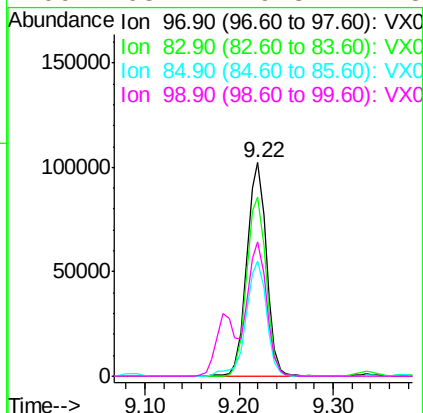
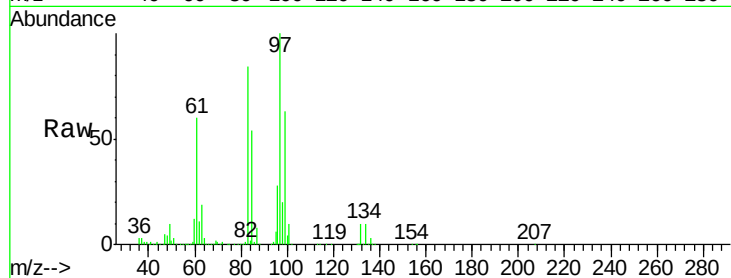




#55
 1,1,2-Trichloroethane
 Concen: 52.85 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003220.D
 Acq: 06 Jul 2018 18:08

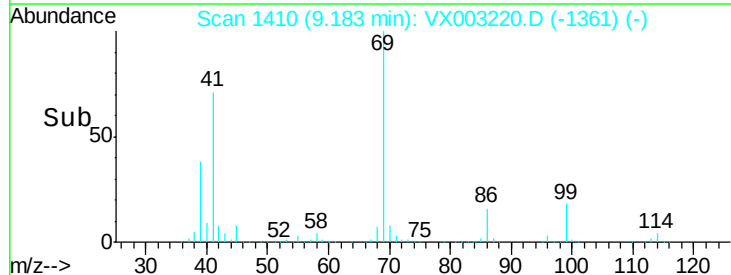
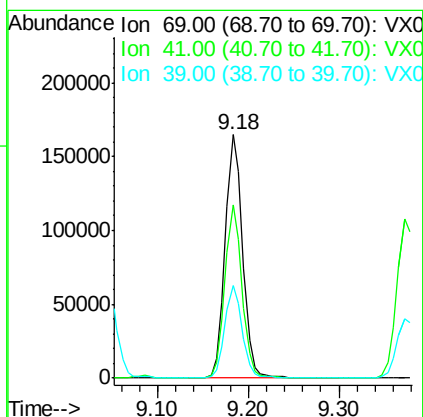
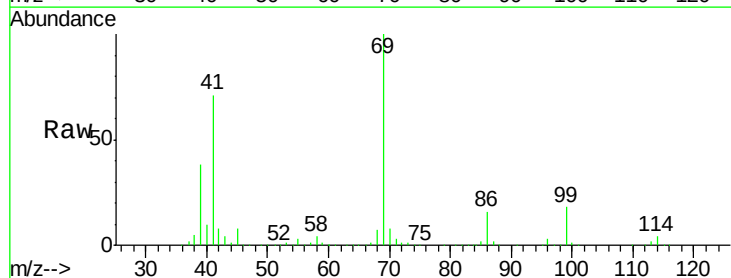
Instrument :
 MSVOA_X
 ClientSampleId :

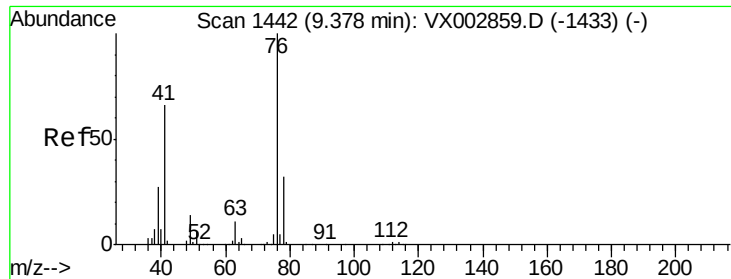
Tot Ion:	97	Resp:	149378
Ion	Ratio	Lower	Upper
97	100		
83	83.6	70.2	105.2
85	54.0	44.9	67.3
99	63.1	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 53.61 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003220.D
 Acq: 06 Jul 2018 18:08

Tgt Ion:	69	Resp:	221467
Ion	Ratio	Lower	Upper
69	100		
41	69.7	60.3	90.5
39	37.8	35.8	53.8

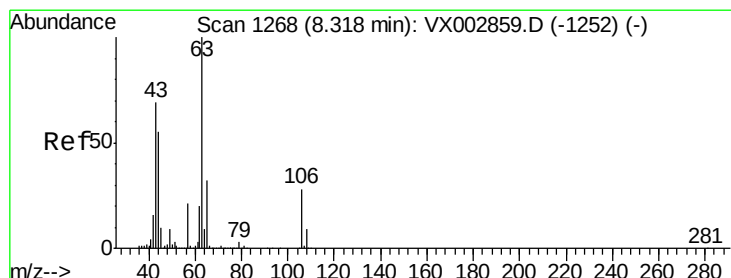
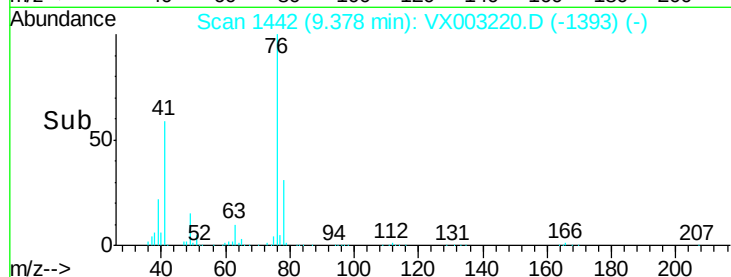
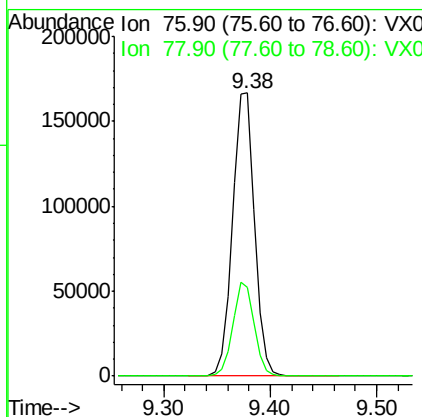
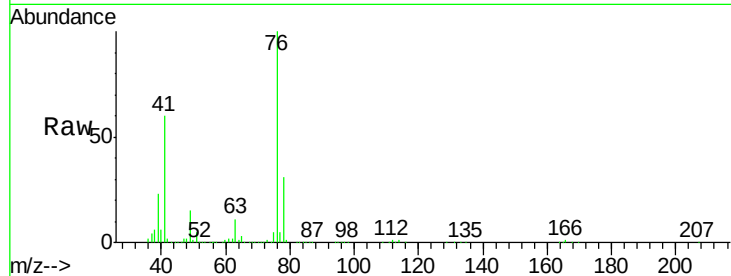




#57
 1,3-Dichloropropane
 Concen: 52.26 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003220.D
 Acq: 06 Jul 2018 18:08

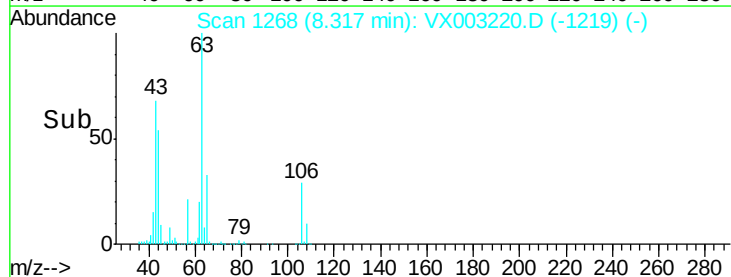
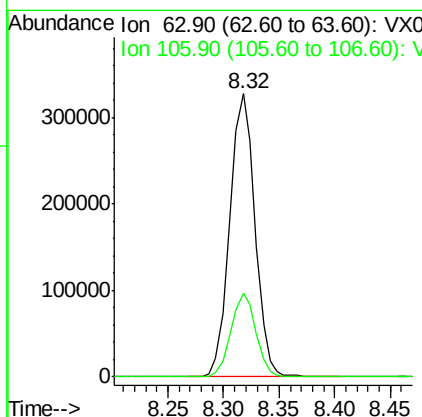
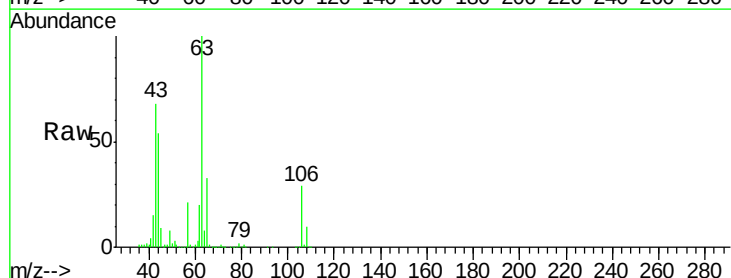
Instrument :
 MSVOA_X
 ClientSampleId :

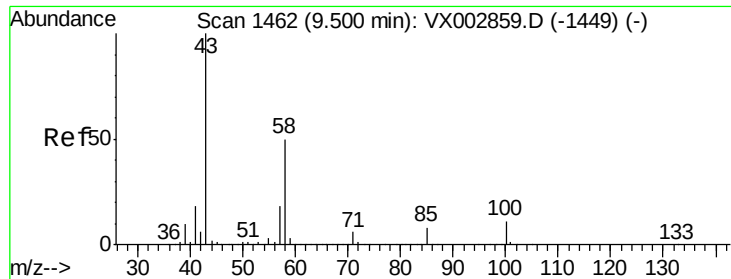
Tot Ion: 76 Resp: 242583
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.92 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003220.D
 Acq: 06 Jul 2018 18:08

Tgt Ion: 63 Resp: 513993
 Ion Ratio Lower Upper
 63 100
 106 29.1 21.8 32.8

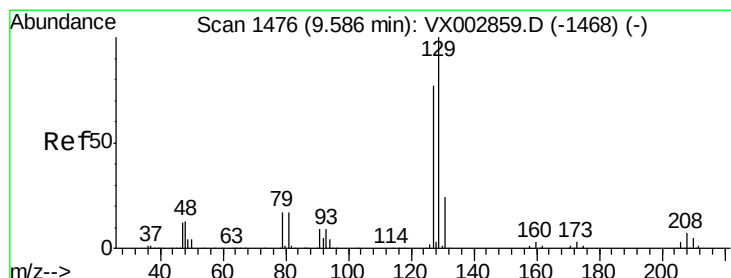
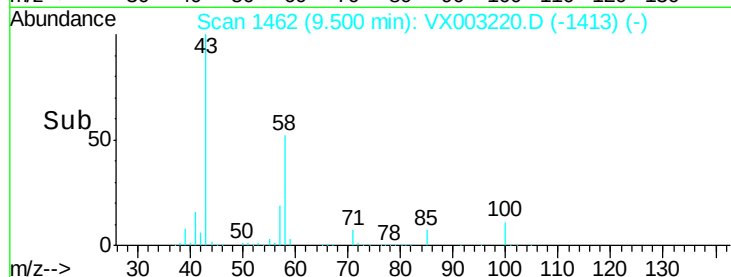
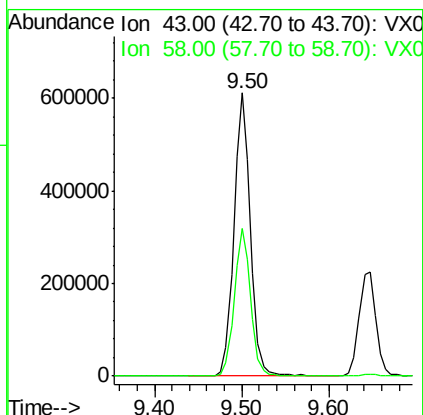
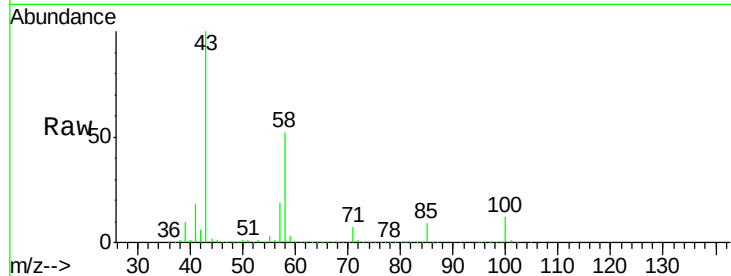




#59
2-Hexanone
Concen: 253.02 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

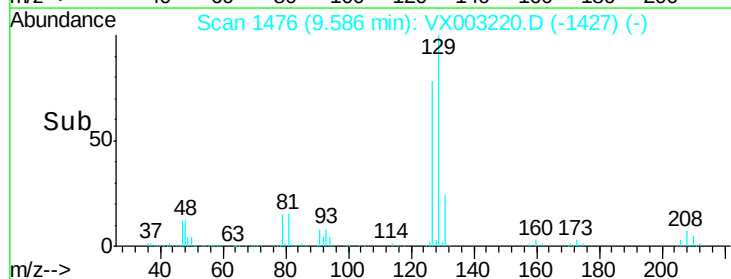
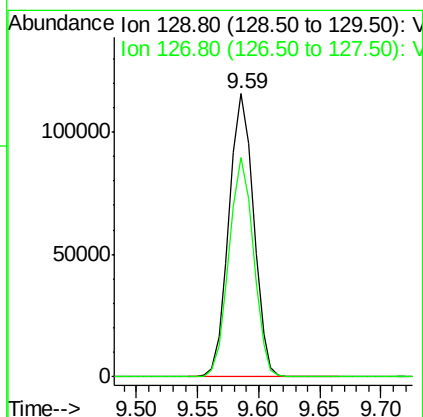
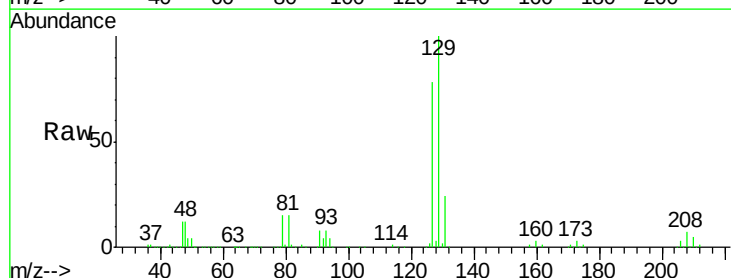
Instrument :
MSVOA_X
ClientSampleId :

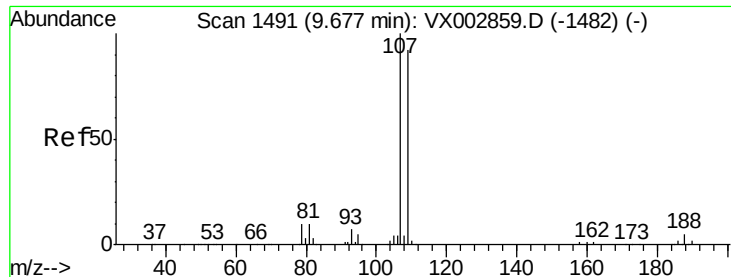
Tot Ion: 43 Resp: 802814
Ion Ratio Lower Upper
43 100
58 52.1 24.6 73.6



#60
Dibromochloromethane
Concen: 54.41 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Tgt Ion: 129 Resp: 161898
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.07 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

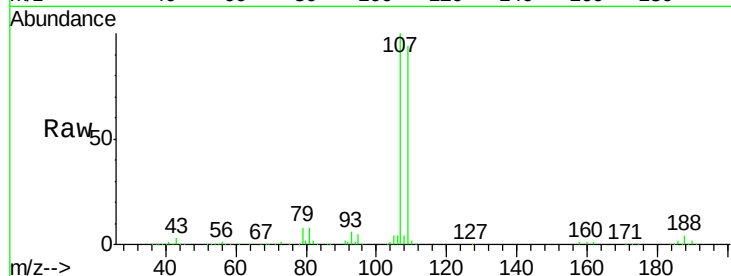
ClientSampleId :

Tot Ion:107 Resp: 157340

Ion Ratio Lower Upper

107 100

109 93.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

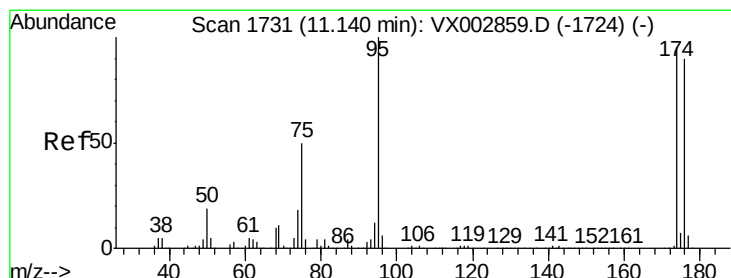
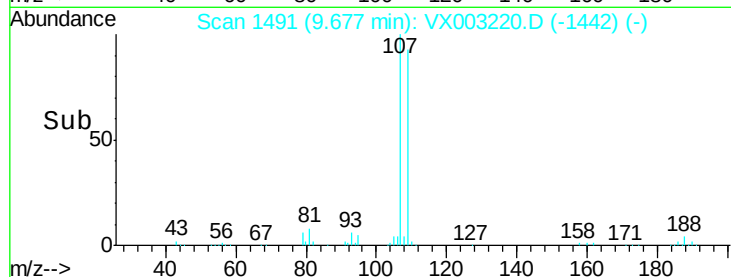
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

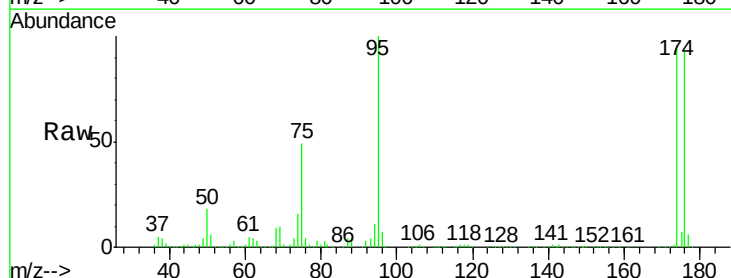
Tgt Ion: 95 Resp: 177670

Ion Ratio Lower Upper

95 100

174 98.0 0.0 187.4

176 95.3 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

200000

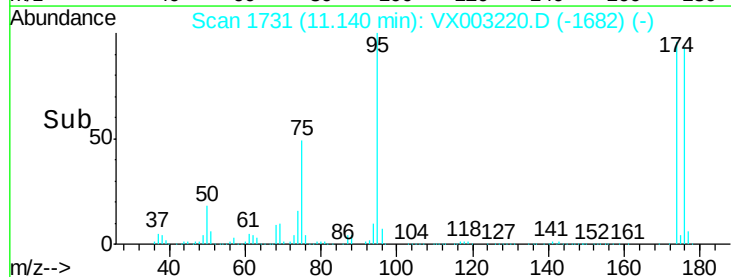
150000

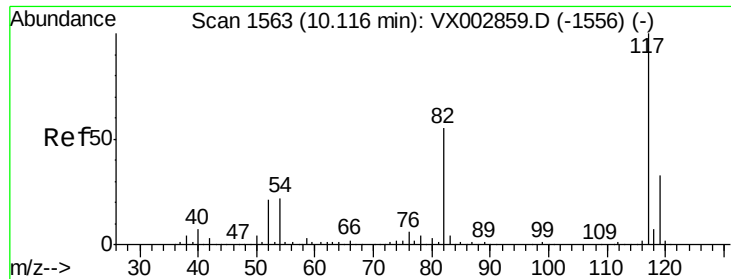
100000

50000

0

Time-->

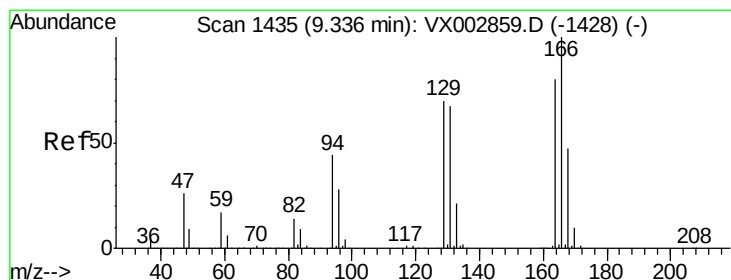
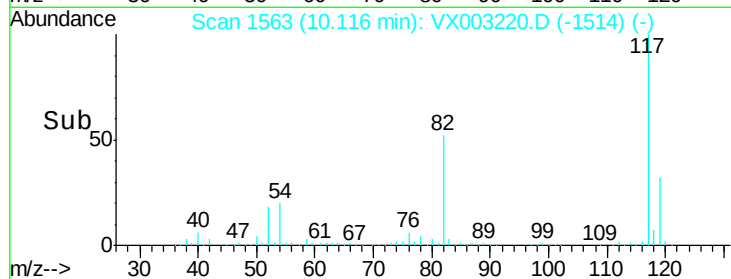
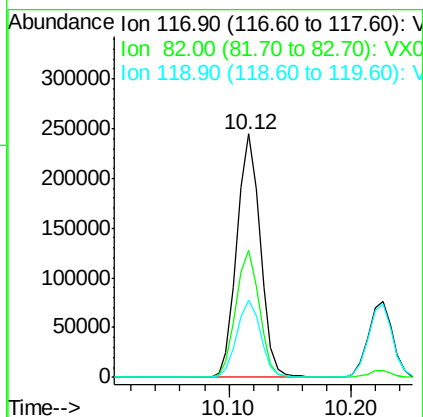
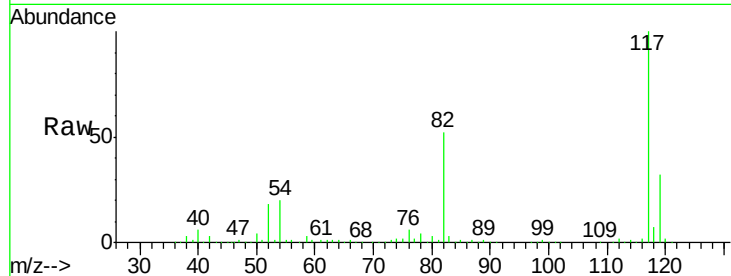




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

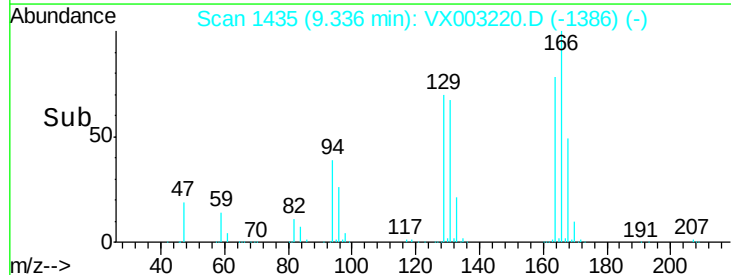
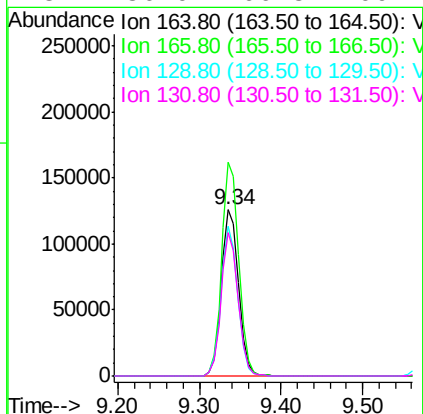
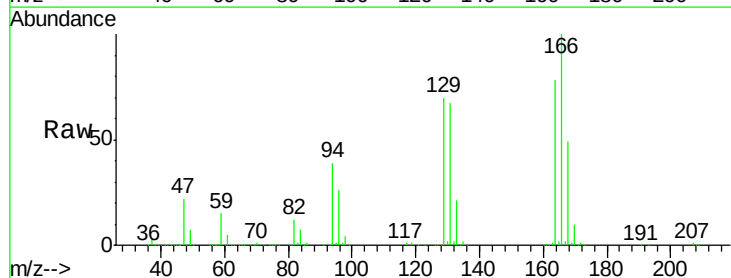
Instrument :
MSVOA_X
ClientSampled :

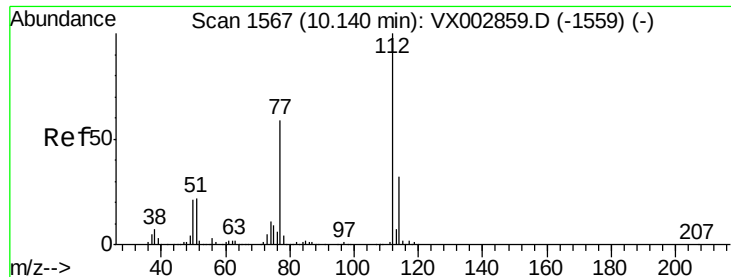
Tot Ion:117 Resp: 323502
Ion Ratio Lower Upper
117 100
82 52.1 45.0 67.4
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 51.34 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Tgt Ion:164 Resp: 184689
Ion Ratio Lower Upper
164 100
166 128.7 102.9 154.3
129 90.1 68.6 102.8
131 86.0 66.8 100.2

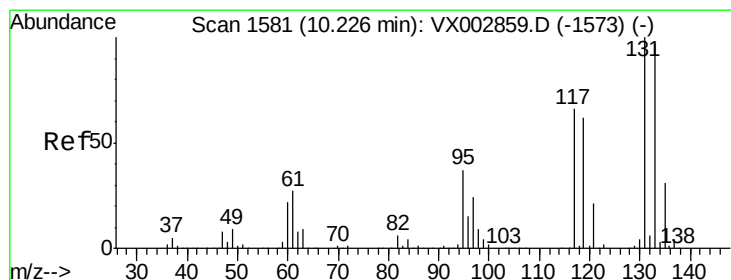
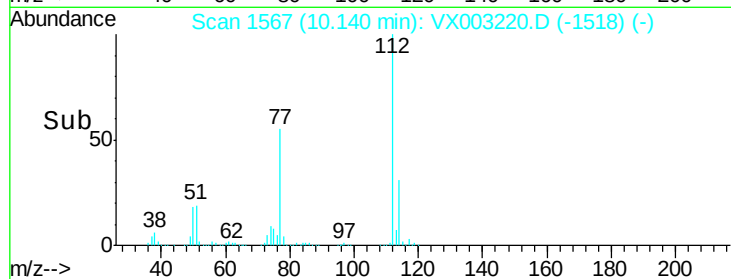
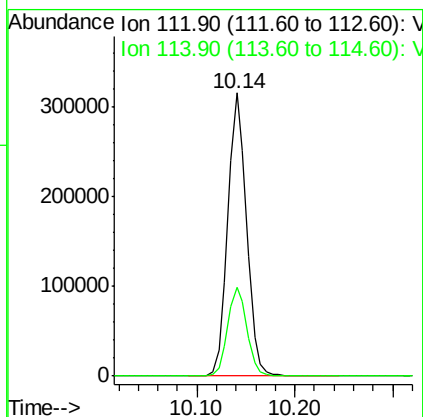
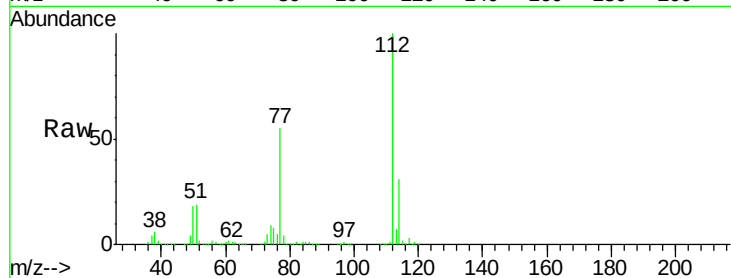




#65
Chlorobenzene
Concen: 51.27 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

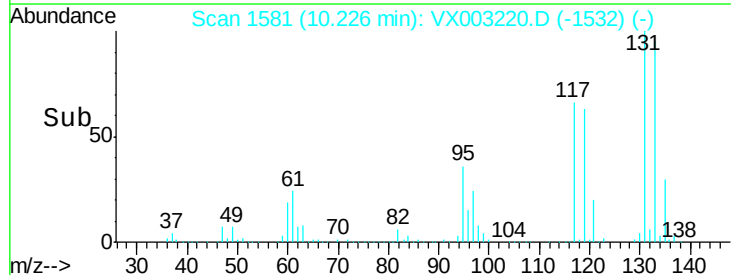
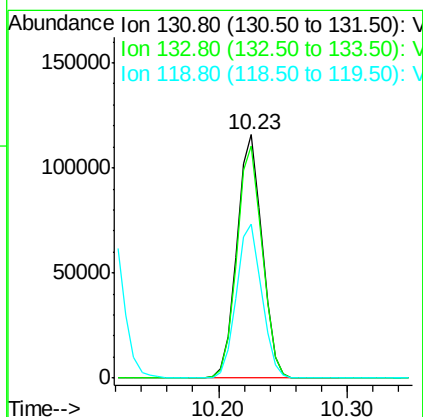
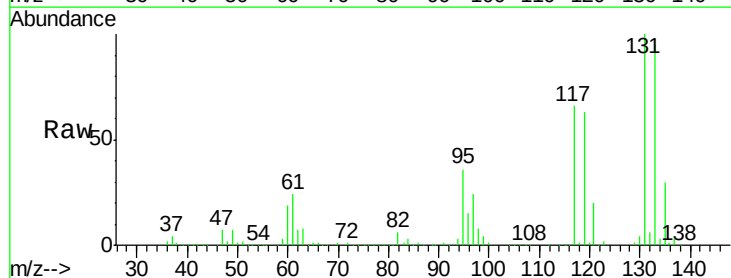
Instrument :
MSVOA_X
ClientSampleId :

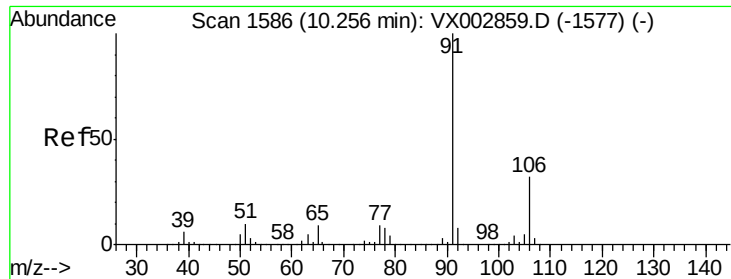
Tot Ion:112 Resp: 421251
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.80 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Tgt Ion:131 Resp: 157595
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.6
119 63.6 31.8 95.3

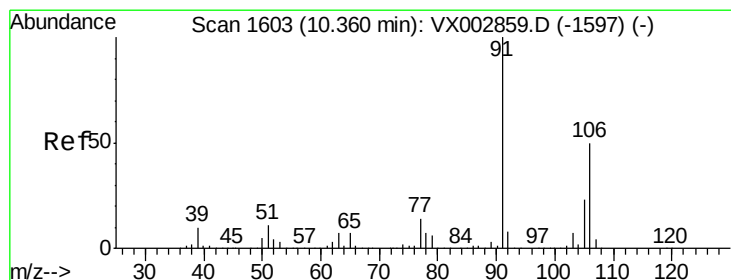
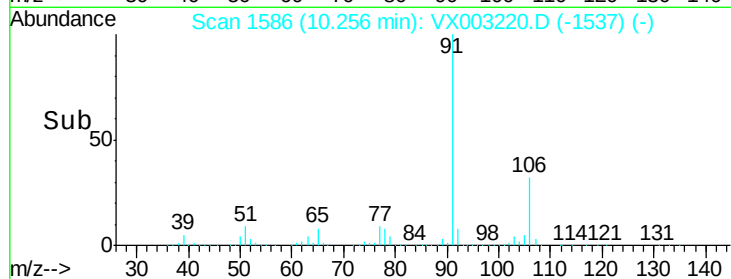
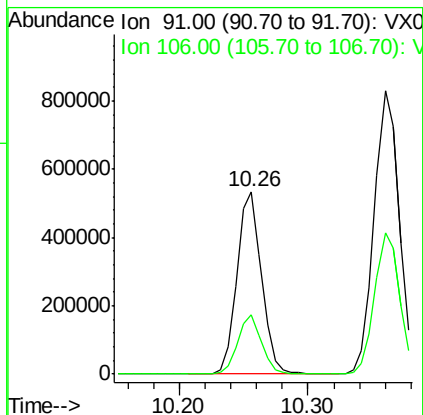
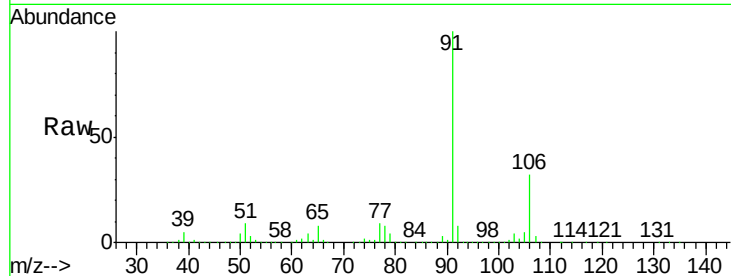




#67
Ethyl Benzene
Concen: 52.11 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

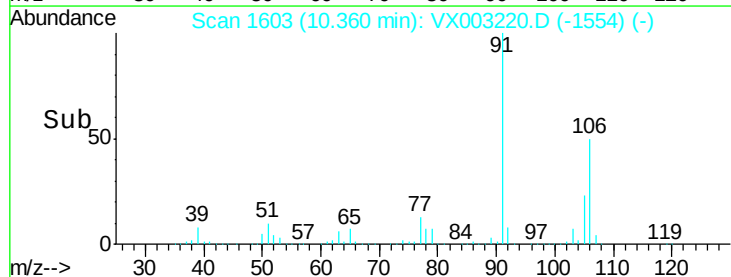
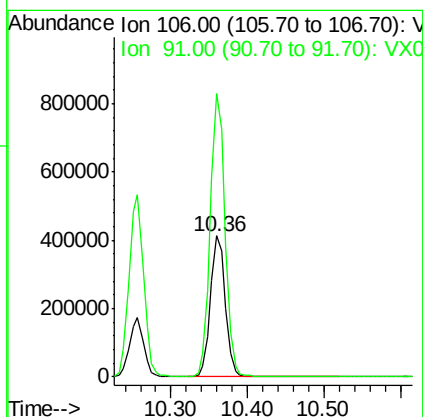
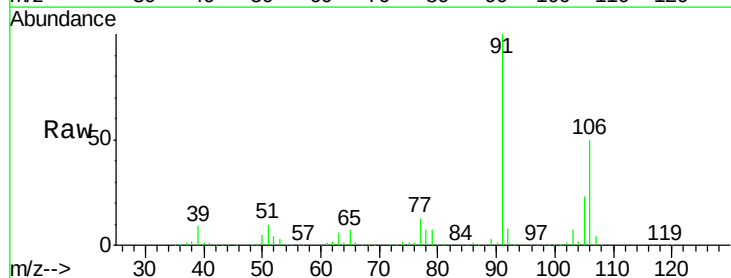
Instrument :
MSVOA_X
ClientSampleId :

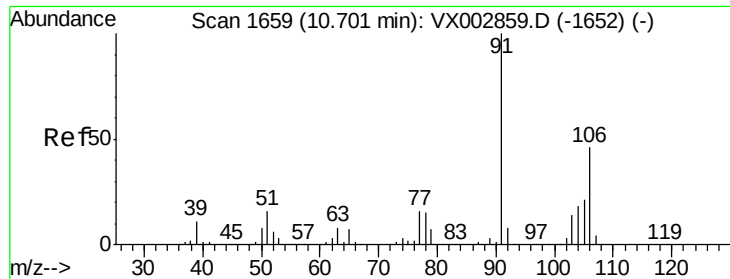
Tot Ion: 91 Resp: 707338
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3



#68
m/p-Xylenes
Concen: 106.41 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Tgt Ion: 106 Resp: 556655
Ion Ratio Lower Upper
106 100
91 200.4 163.4 245.2

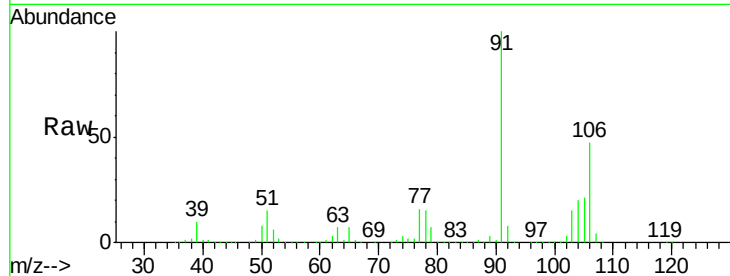




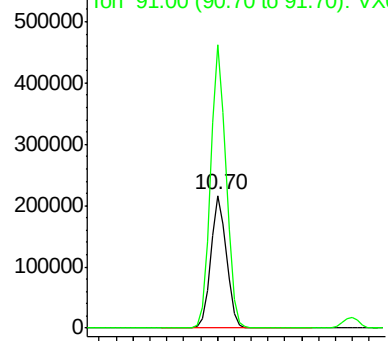
#69
o-Xylene
Concen: 52.66 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Instrument :
MSVOA_X
ClientSampleId :

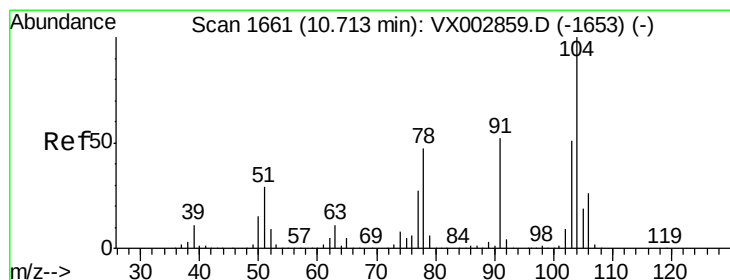
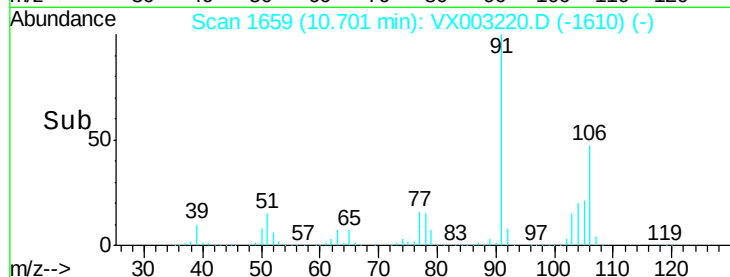
Tot Ion:106 Resp: 268261
Ion Ratio Lower Upper
106 100
91 212.7 108.2 324.6



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

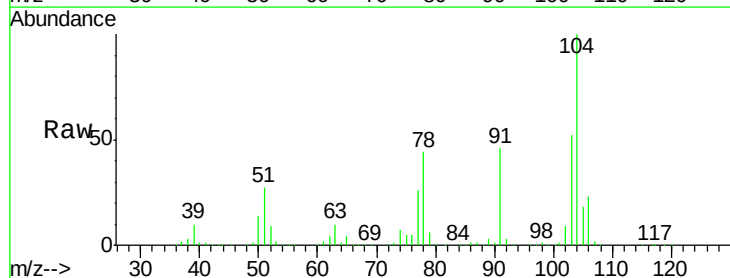


Time-->

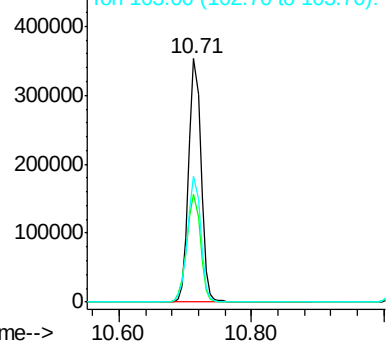


#70
Styrene
Concen: 54.63 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

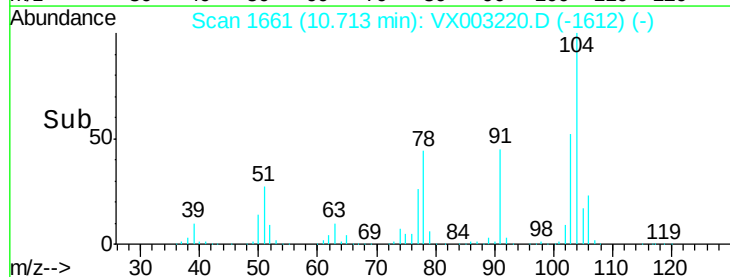
Tgt Ion:104 Resp: 452148
Ion Ratio Lower Upper
104 100
78 49.2 41.0 61.6
103 55.6 44.2 66.4

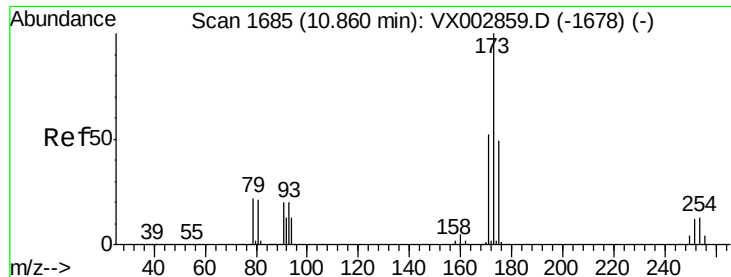


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 48.07 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

ClientSampleId :

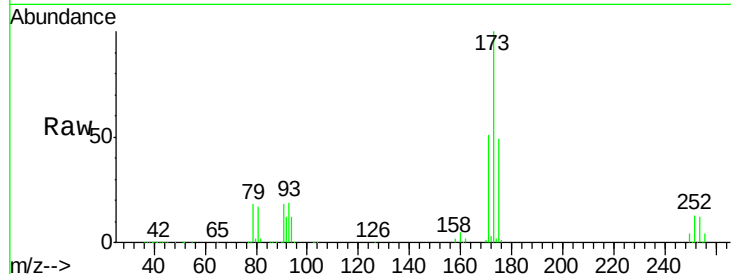
Tot Ion:173 Resp: 129214

Ion Ratio Lower Upper

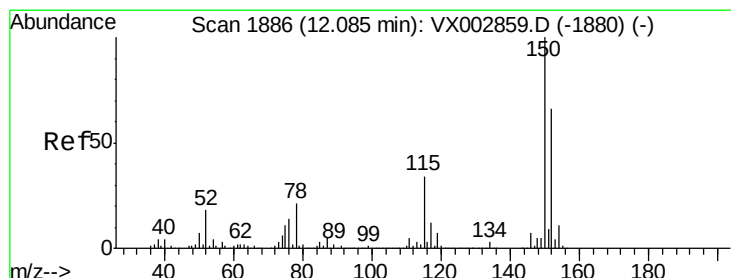
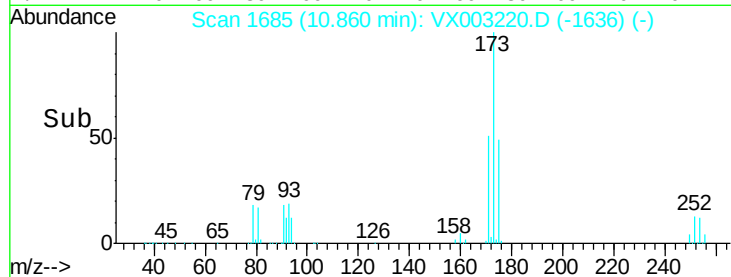
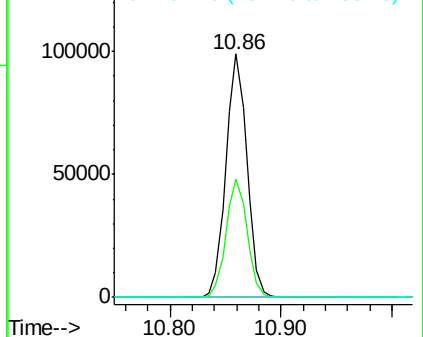
173 100

175 48.6 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

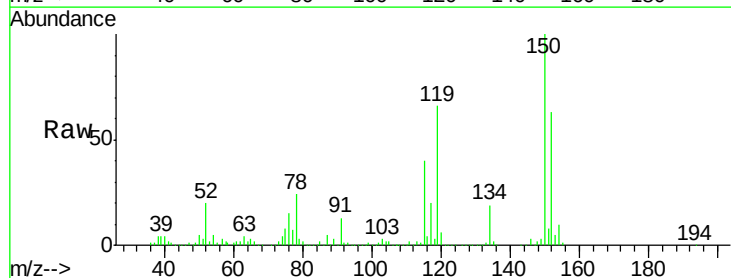
Tgt Ion:152 Resp: 208718

Ion Ratio Lower Upper

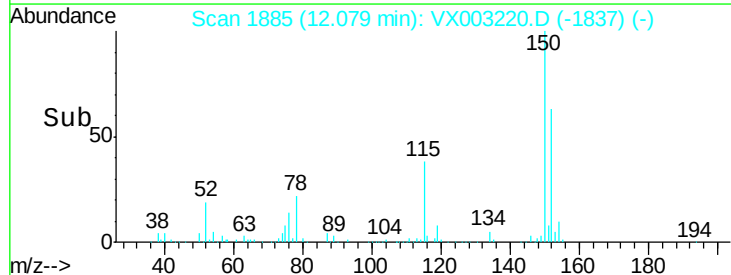
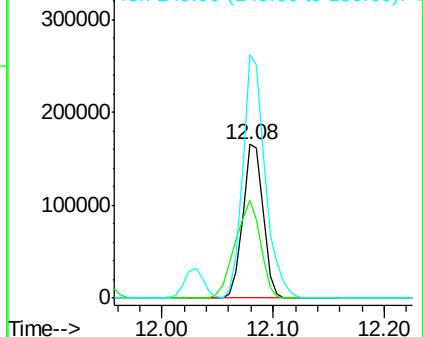
152 100

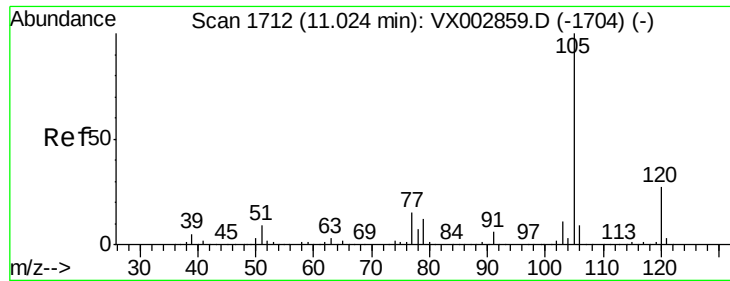
115 78.8 40.1 120.2

150 174.5 0.0 347.2



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





#73

Isopropylbenzene

Concen: 52.77 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

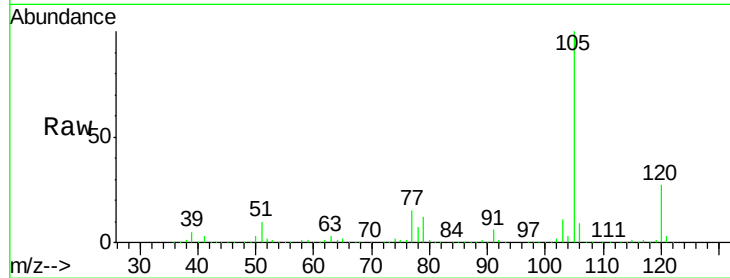
ClientSampleId :

Tot Ion:105 Resp: 740984

Ion Ratio Lower Upper

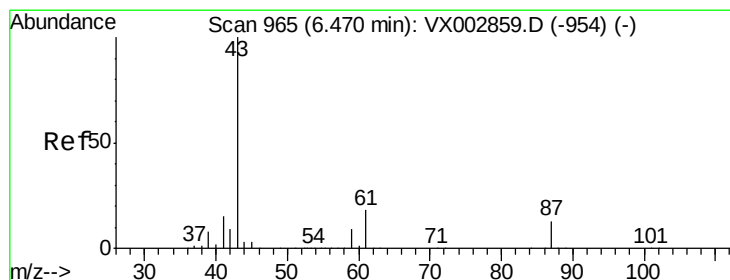
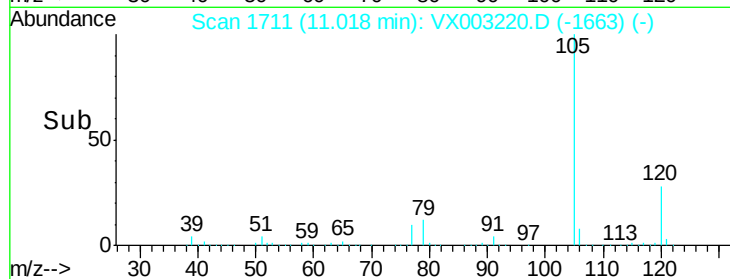
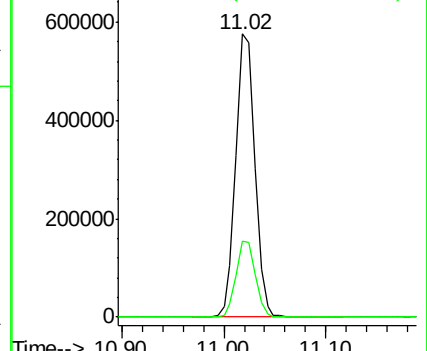
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.88 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Tgt Ion: 43 Resp: 328935

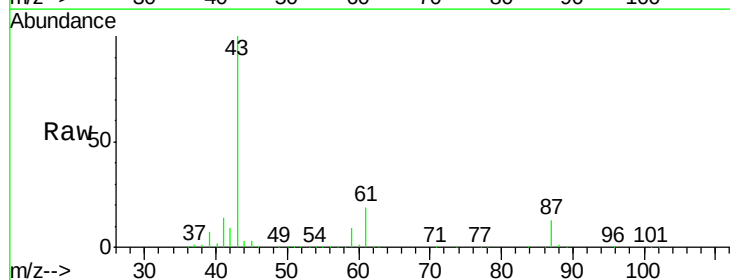
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.1 14.4 21.6

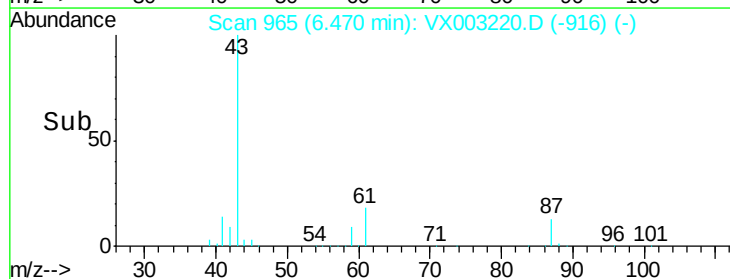
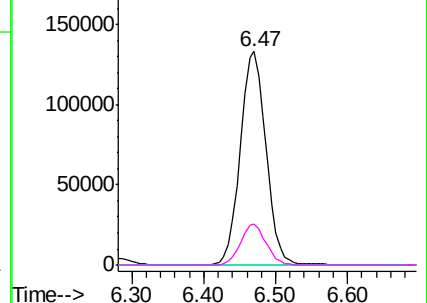


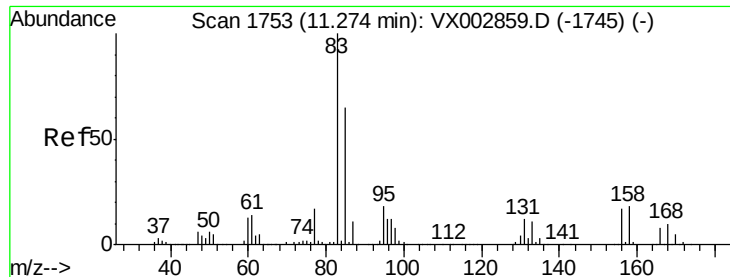
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.76 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

ClientSampled :

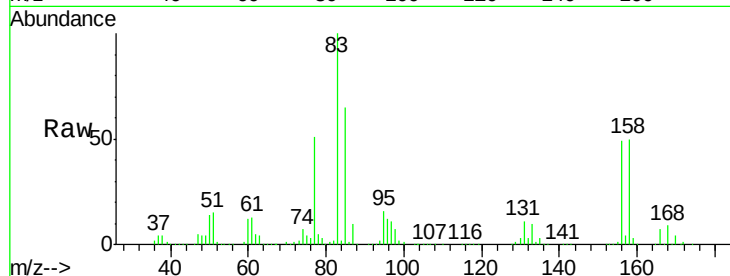
Tot Ion: 83 Resp: 219547

Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.6	16.8
85	64.3	32.4	97.2

83 100

131 11.3 5.6 16.8

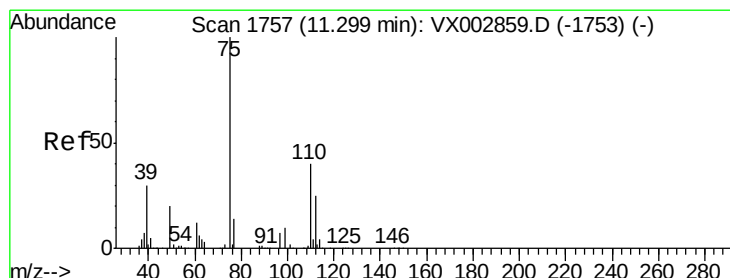
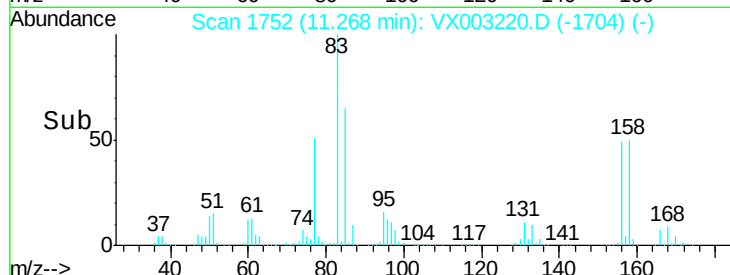
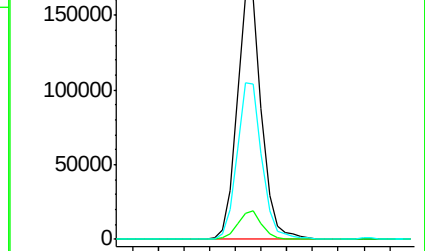
85 64.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.30 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003220.D

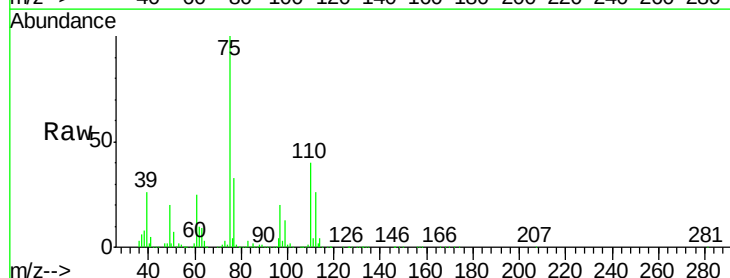
Acq: 06 Jul 2018 18:08

Tgt Ion: 75 Resp: 250668

Ion	Ratio	Lower	Upper
75	100		
77	32.4	22.8	68.3

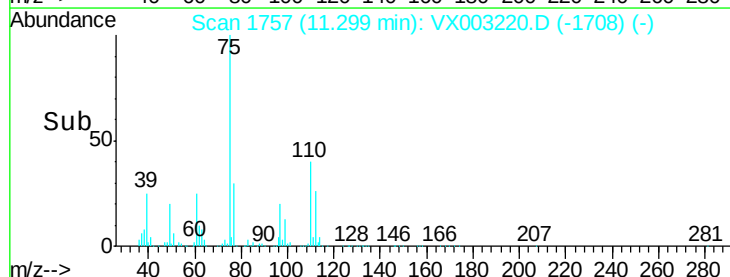
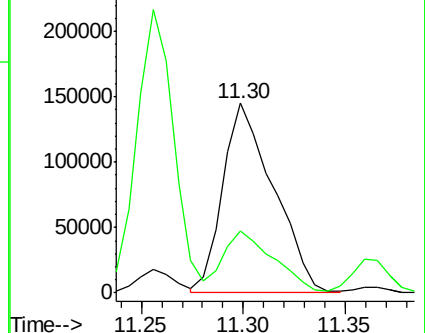
75 100

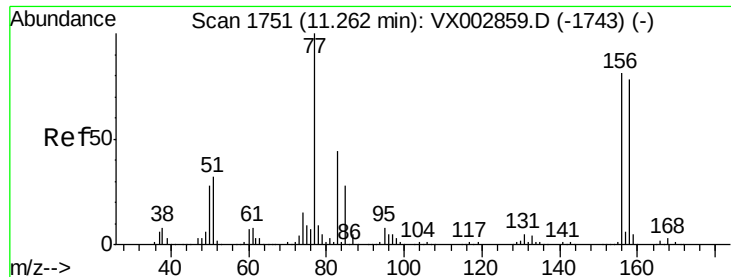
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.31 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

ClientSampleId :

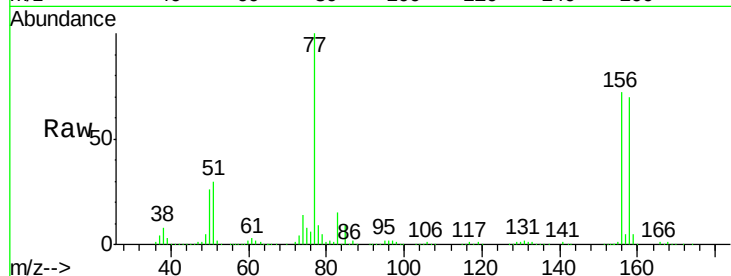
Tot Ion:156 Resp: 205157

Ion Ratio Lower Upper

156 100

77 133.2 71.4 214.2

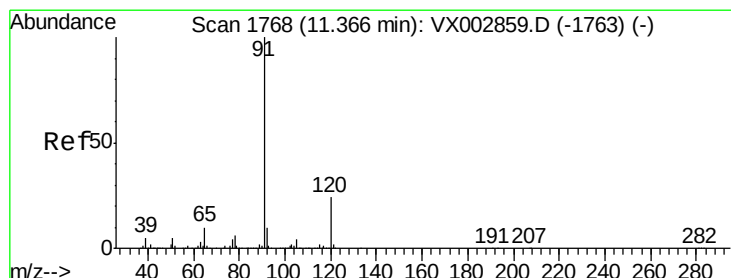
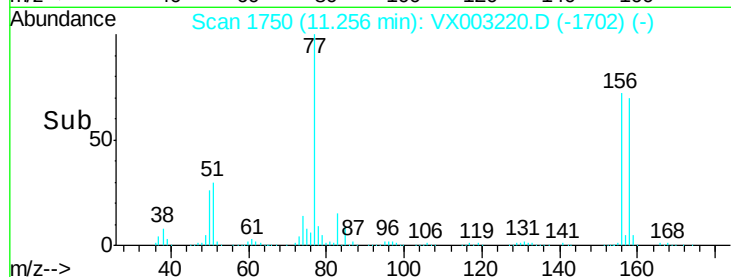
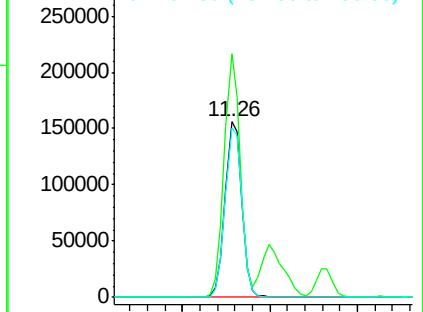
158 97.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.41 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003220.D

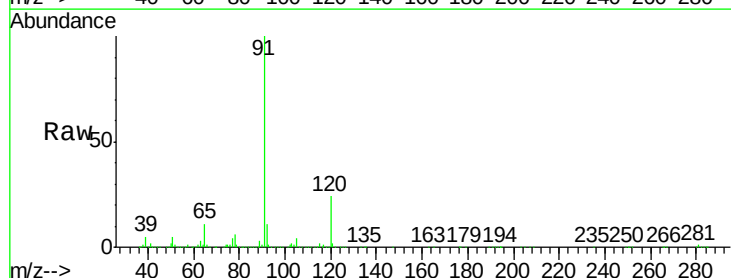
Acq: 06 Jul 2018 18:08

Tgt Ion: 91 Resp: 837616

Ion Ratio Lower Upper

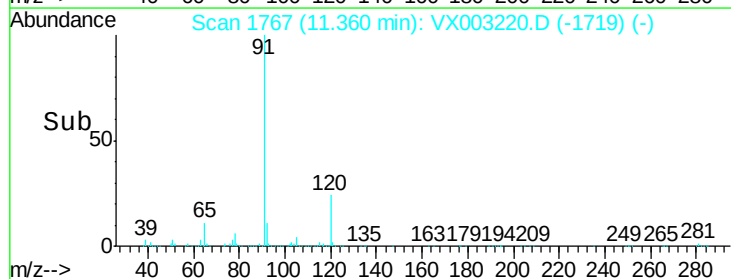
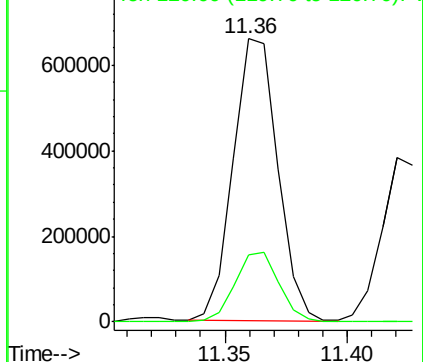
91 100

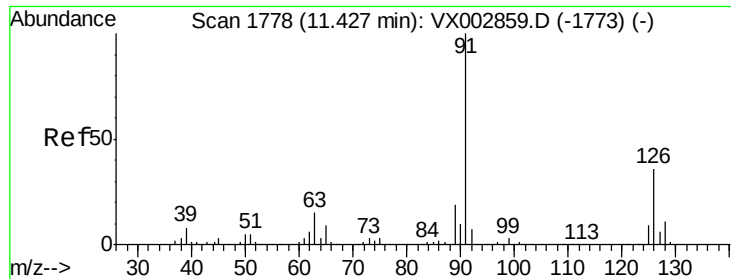
120 24.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.63 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

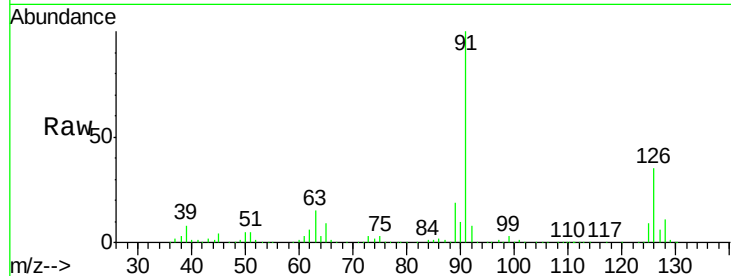
ClientSampled :

Tot Ion: 91 Resp: 489941

Ion Ratio Lower Upper

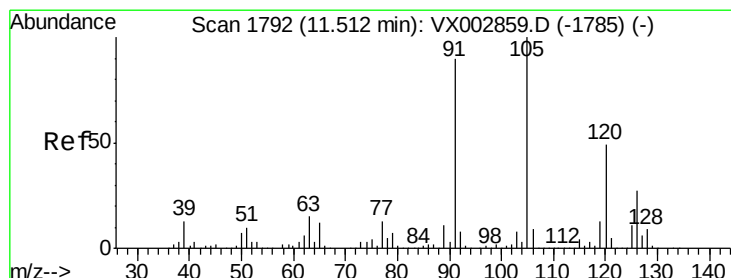
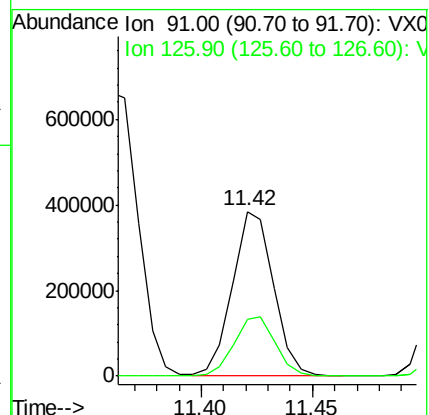
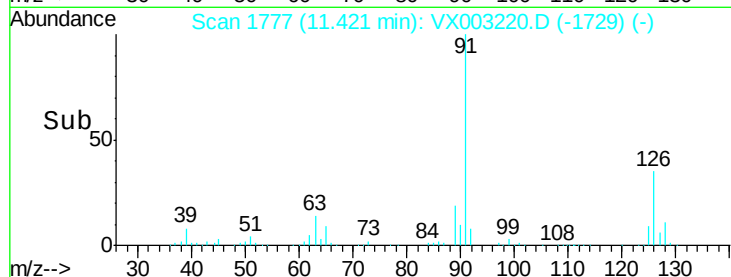
91 100

126 36.5 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.16 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003220.D

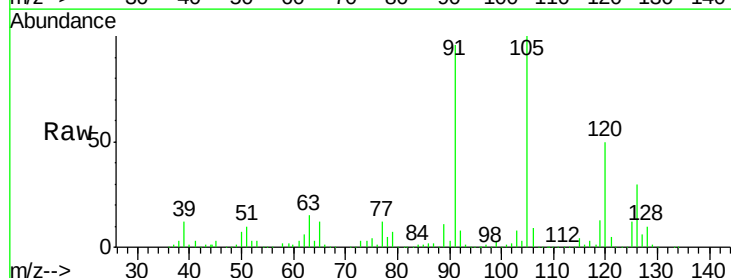
Acq: 06 Jul 2018 18:08

Tgt Ion: 105 Resp: 616801

Ion Ratio Lower Upper

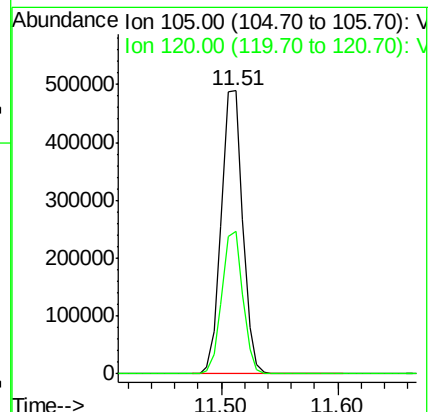
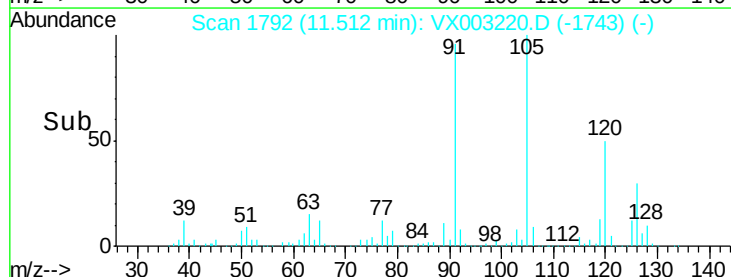
105 100

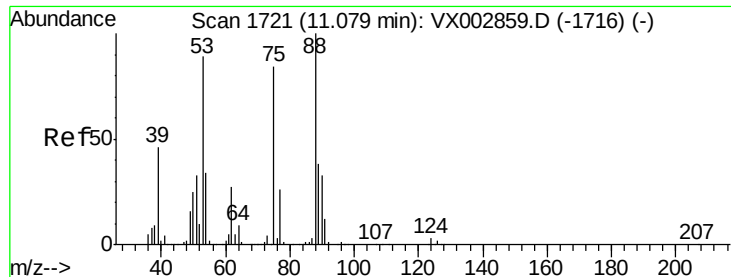
120 49.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.33 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

ClientSampled :

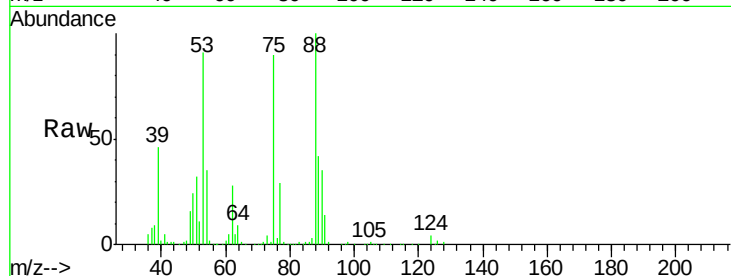
Tot Ion: 75 Resp: 61419

Ion Ratio Lower Upper

75 100

53 103.3 86.8 130.2

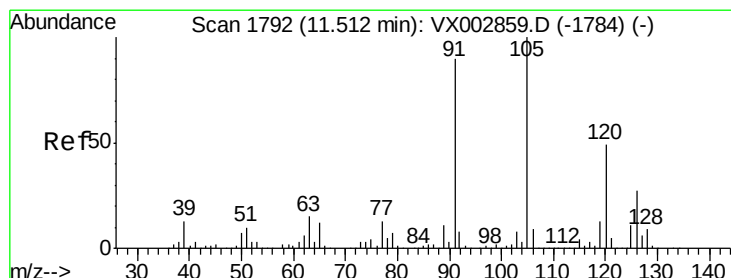
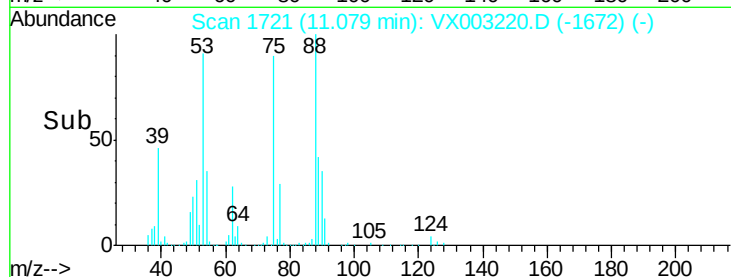
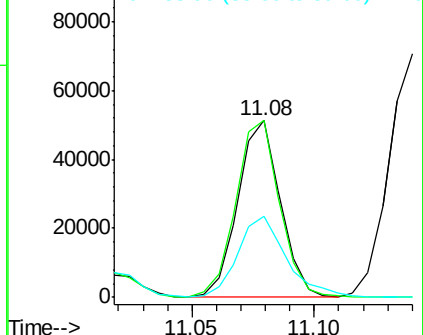
89 52.8 38.2 57.2



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: 50.88 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003220.D

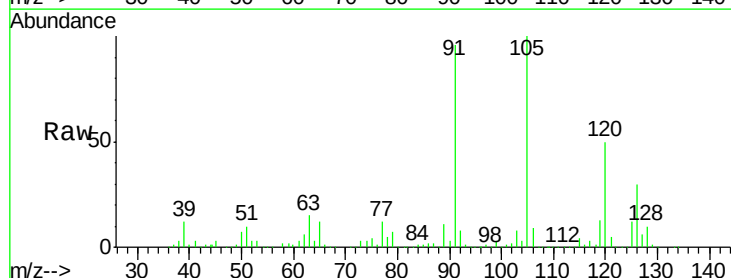
Acq: 06 Jul 2018 18:08

Tgt Ion: 91 Resp: 582876

Ion Ratio Lower Upper

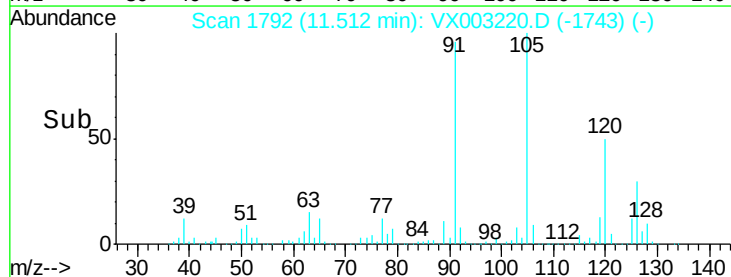
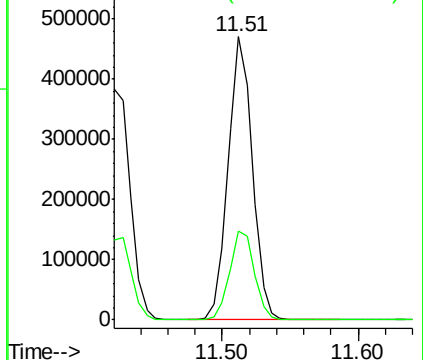
91 100

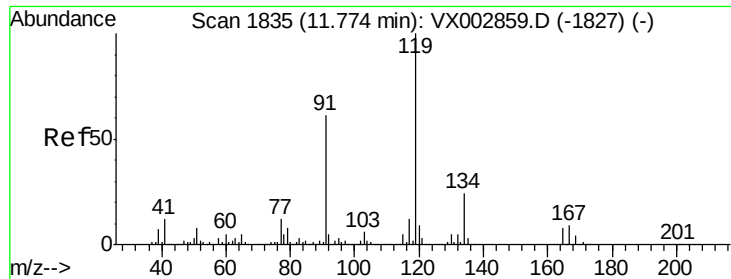
126 32.0 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

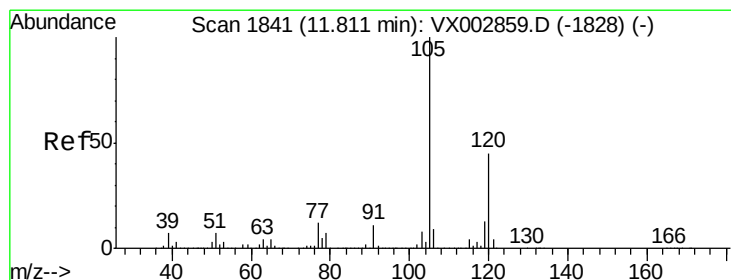
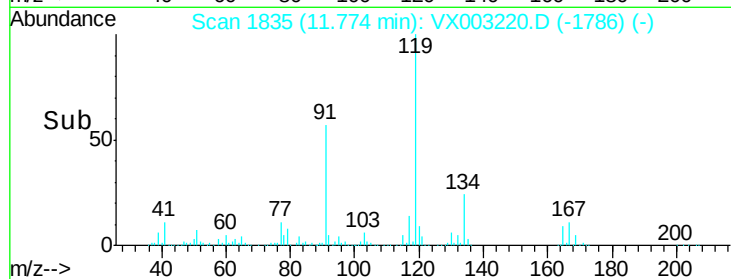
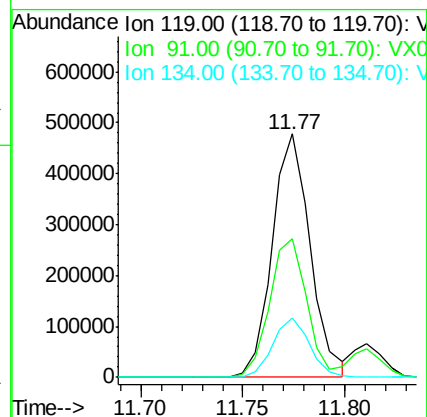
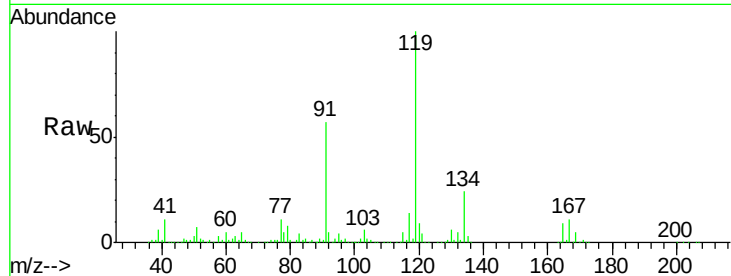




#83
 tert-Butylbenzene
 Concen: 53.05 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003220.D
 Acq: 06 Jul 2018 18:08

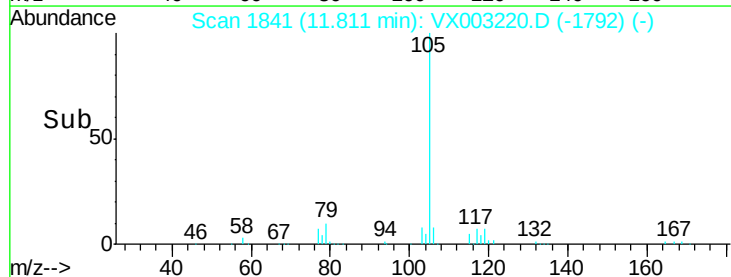
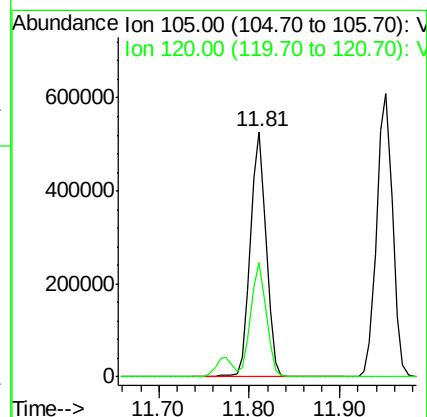
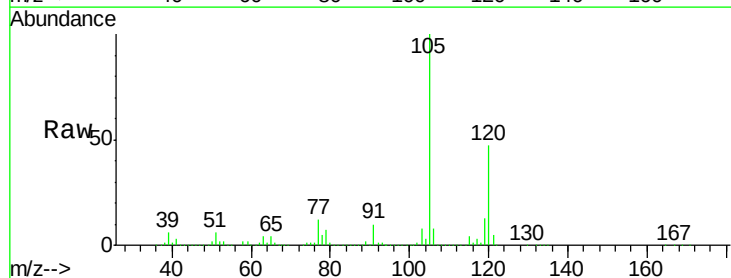
Instrument :
 MSVOA_X
 ClientSampleId :

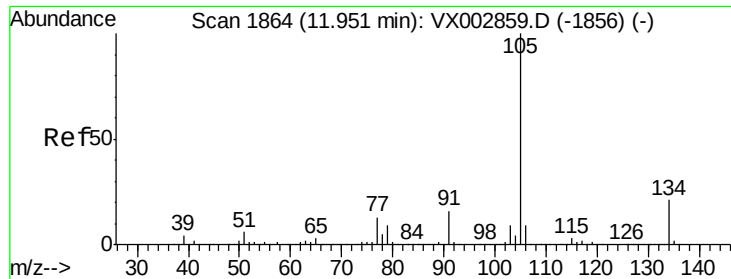
Tot Ion:119 Resp: 618336
 Ion Ratio Lower Upper
 119 100
 91 55.5 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.12 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003220.D
 Acq: 06 Jul 2018 18:08

Tgt Ion:105 Resp: 638584
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 52.59 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

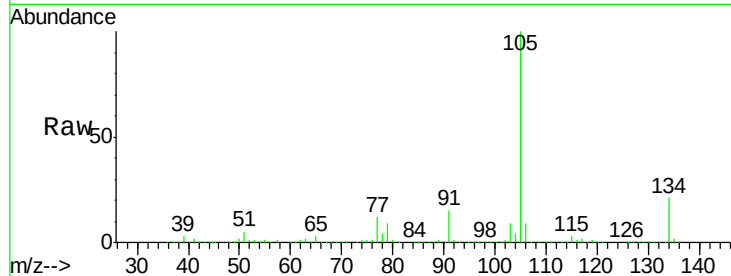
ClientSampleId :

Tot Ion:105 Resp: 743618

Ion Ratio Lower Upper

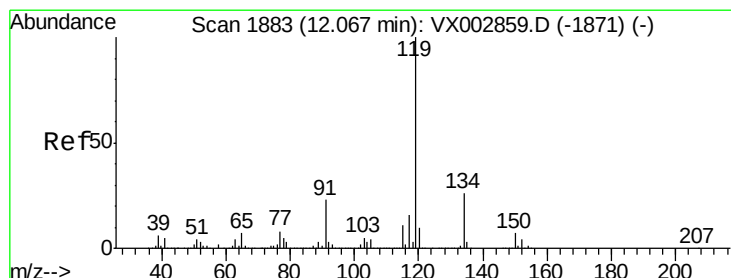
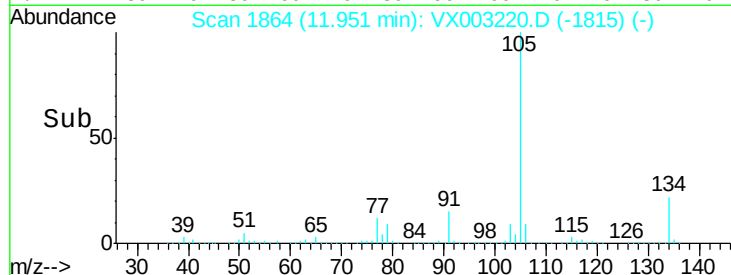
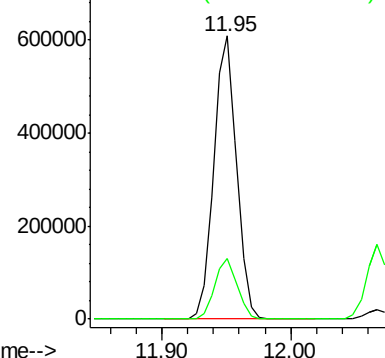
105 100

134 21.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.75 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

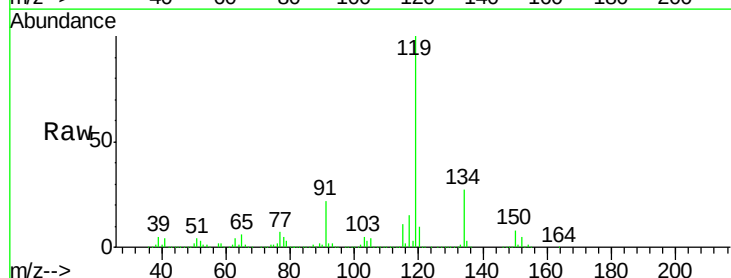
Tgt Ion:119 Resp: 683251

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

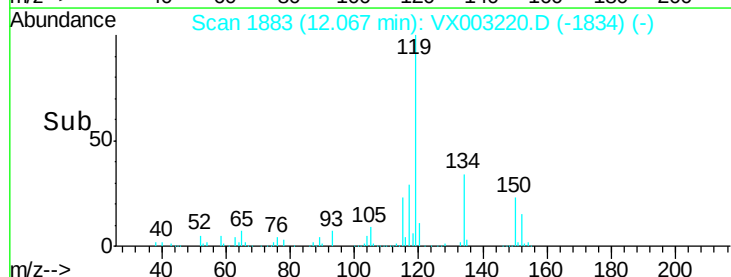
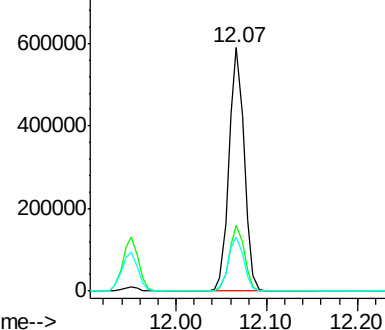
91 22.9 11.9 35.7

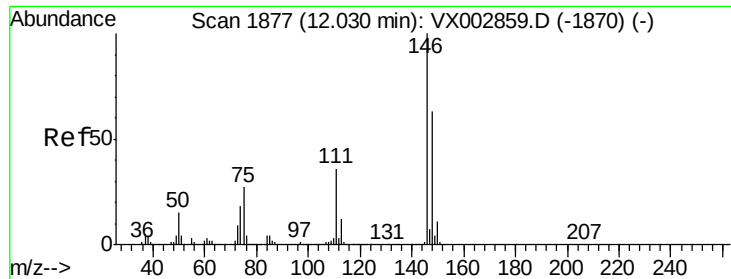


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

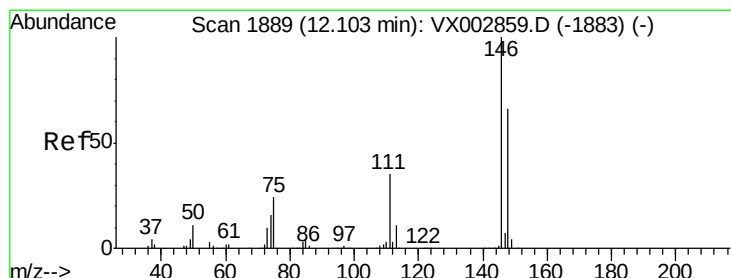
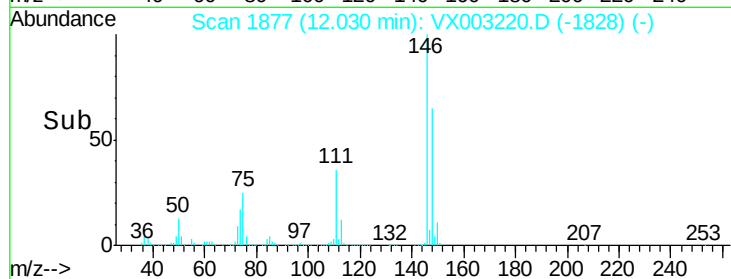
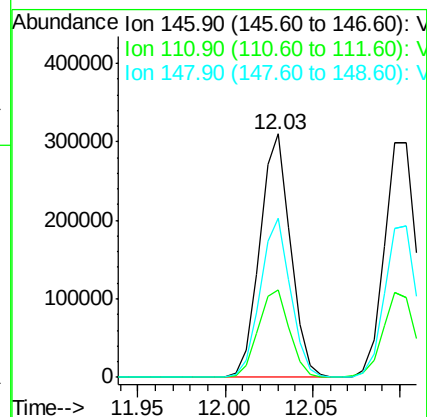
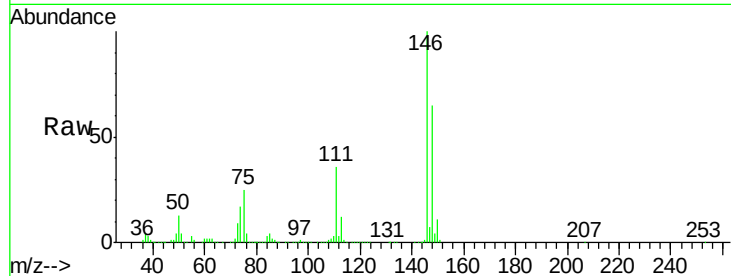




#87
 1,3-Dichlorobenzene
 Concen: 51.74 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003220.D
 Acq: 06 Jul 2018 18:08

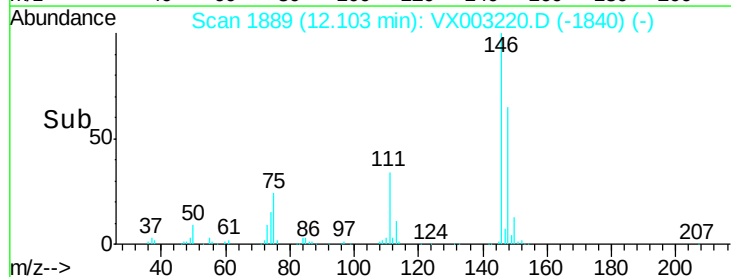
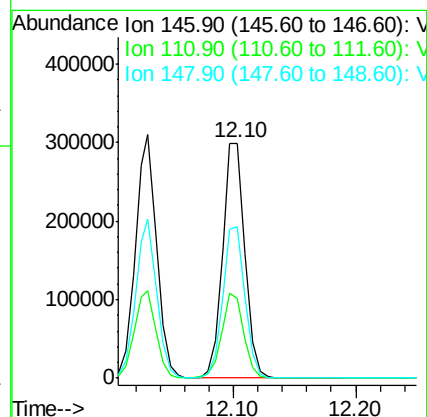
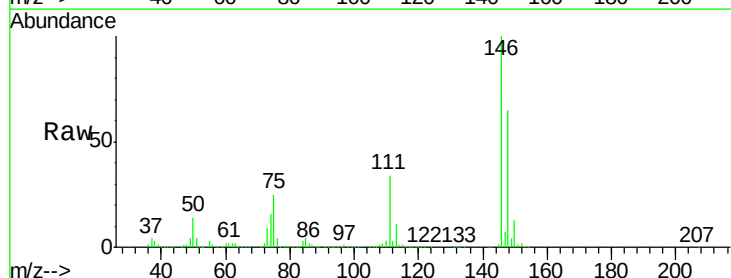
Instrument :
 MSVOA_X
 ClientSampleId :

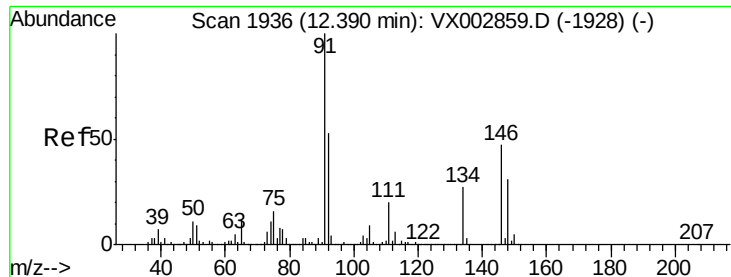
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.9	56.7
148	64.5	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 50.57 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003220.D
 Acq: 06 Jul 2018 18:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.7	56.1
148	64.6	32.4	97.0

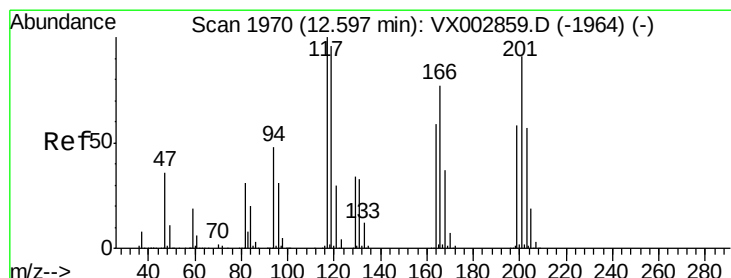
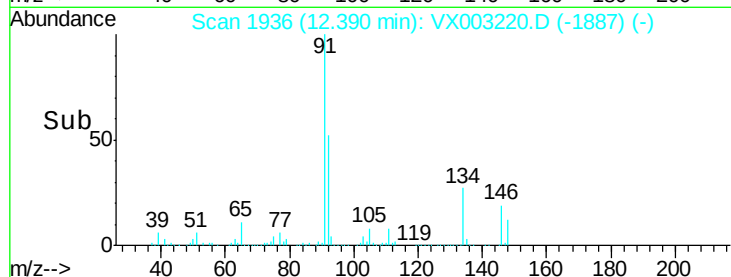
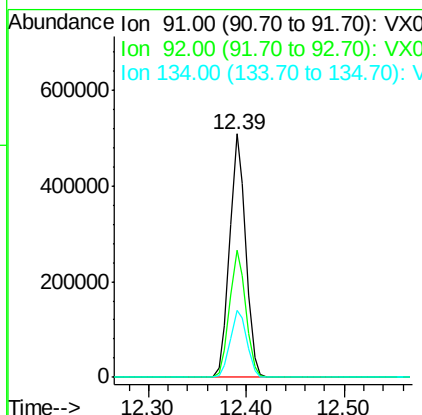
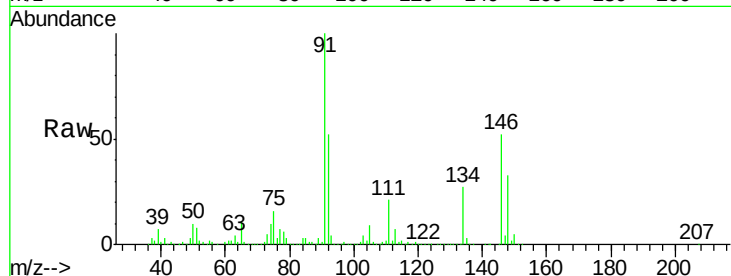




#89
n-Butylbenzene
Concen: 52.48 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

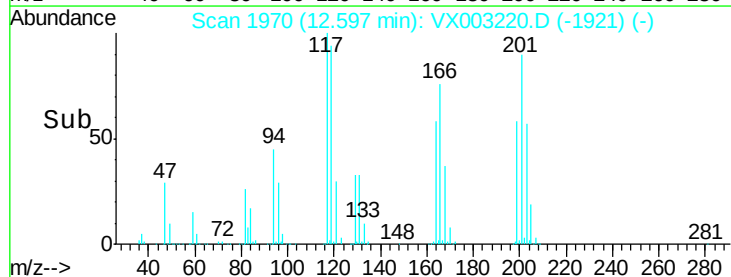
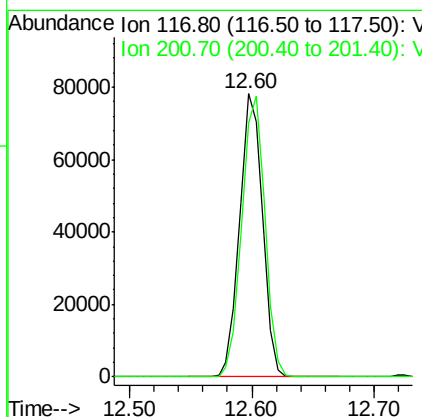
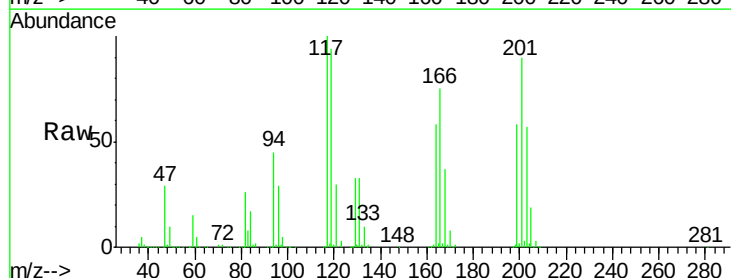
Instrument :
MSVOA_X
ClientSampleId :

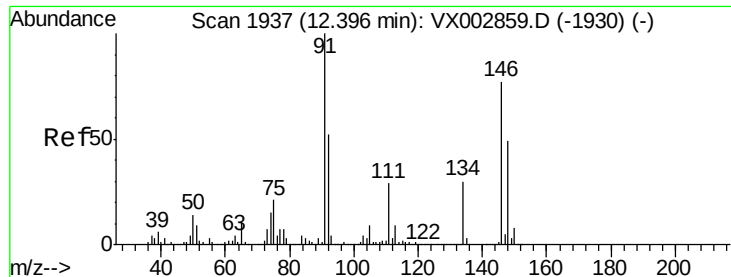
Tot Ion: 91 Resp: 580651
Ion Ratio Lower Upper
91 100
92 52.8 26.0 78.0
134 28.3 13.5 40.5



#90
Hexachloroethane
Concen: 53.12 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Tgt Ion: 117 Resp: 100442
Ion Ratio Lower Upper
117 100
201 100.8 49.0 147.0

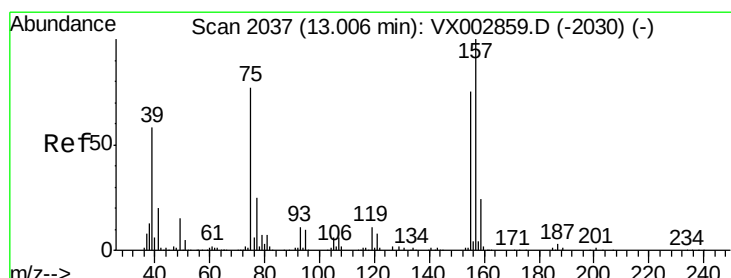
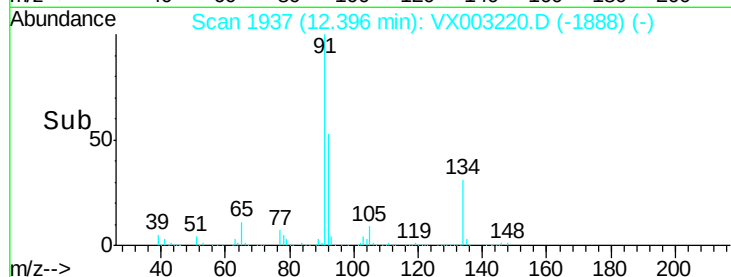
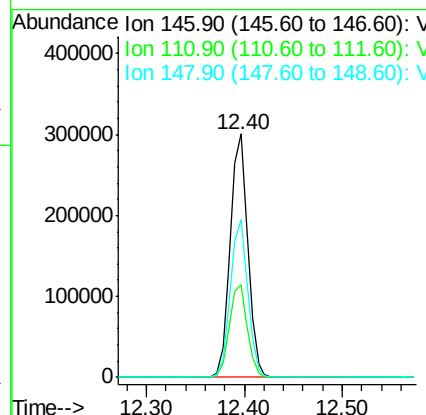
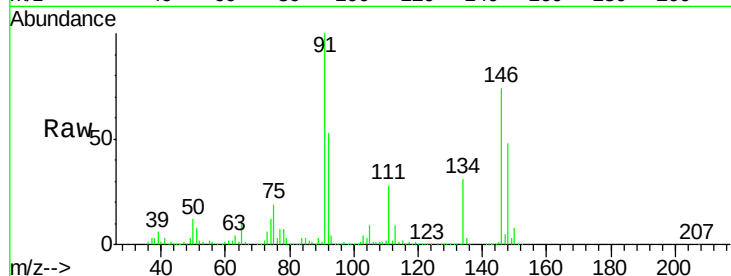




#91
1,2-Dichlorobenzene
Concen: 51.00 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

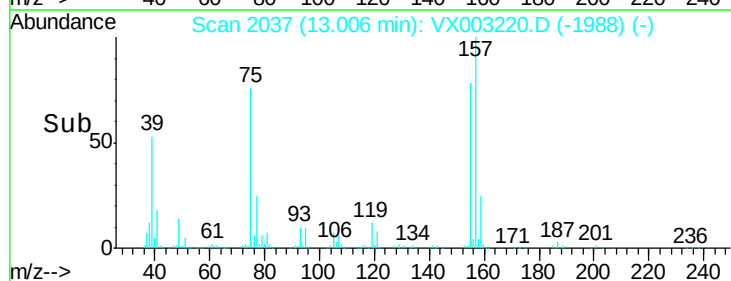
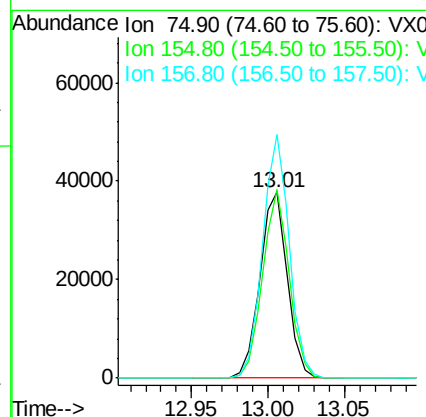
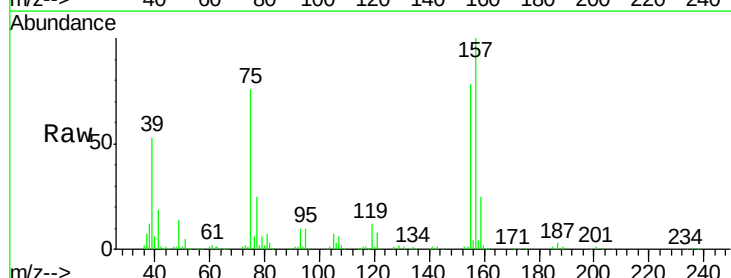
Instrument :
MSVOA_X
ClientSampled :

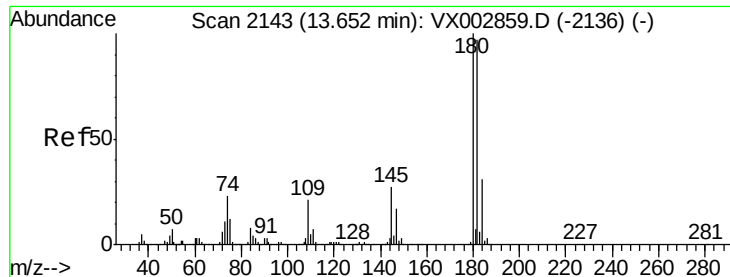
Tot Ion:146 Resp: 375938
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.1
148 64.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.61 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX003220.D
Acq: 06 Jul 2018 18:08

Tgt Ion: 75 Resp: 47263
Ion Ratio Lower Upper
75 100
155 98.4 45.8 137.4
157 126.9 60.1 180.3

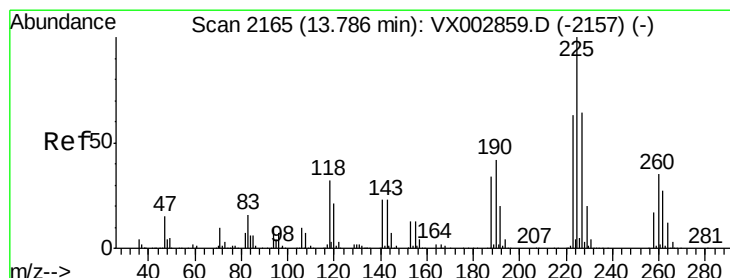
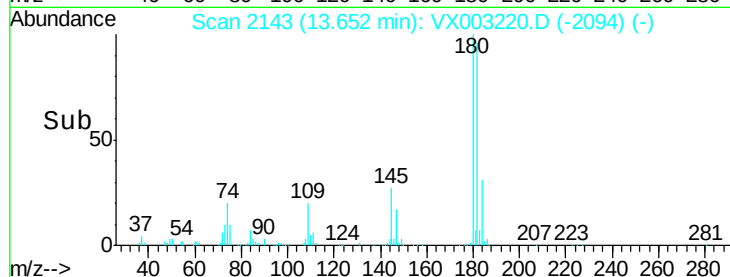
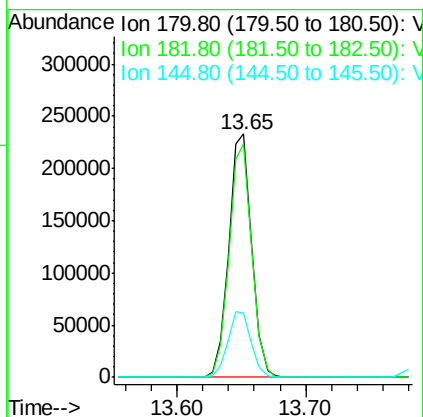
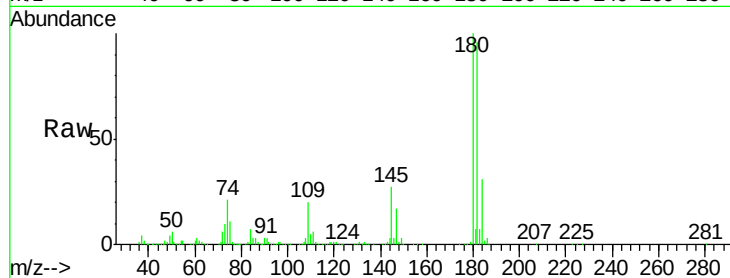




#93
 1,2,4-Trichlorobenzene
 Concen: 54.00 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003220.D
 Acq: 06 Jul 2018 18:08

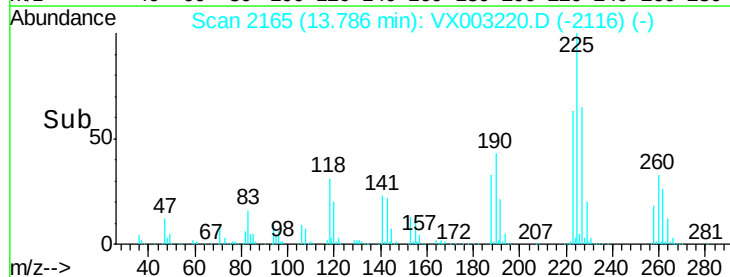
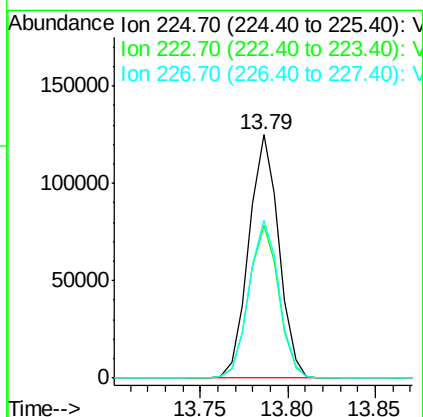
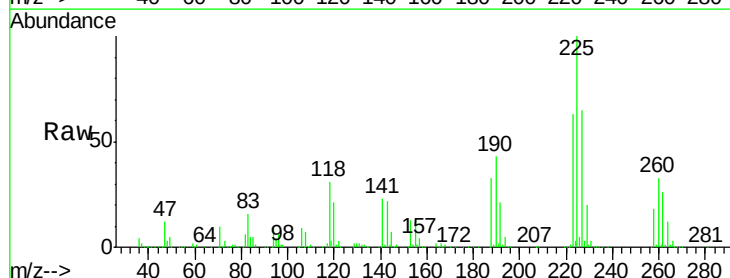
Instrument :
 MSVOA_X
 ClientSampleId :

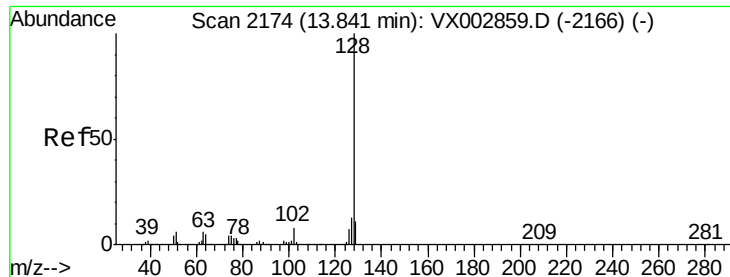
Tot Ion:180 Resp: 289701
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.7 143.1
 145 27.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 55.51 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003220.D
 Acq: 06 Jul 2018 18:08

Tgt Ion:225 Resp: 148505
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 65.1 32.4 97.2





#95

Naphthalene

Concen: 54.31 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

Instrument :

MSVOA_X

ClientSampled :

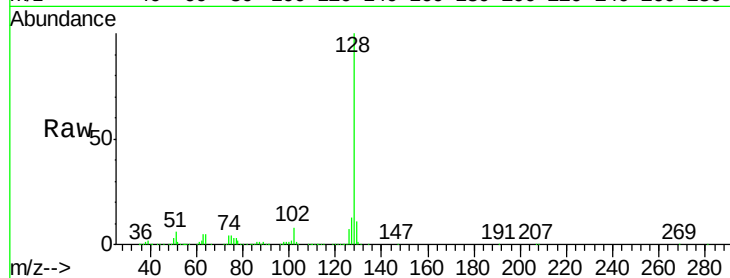
Tot Ion:128 Resp: 775949

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

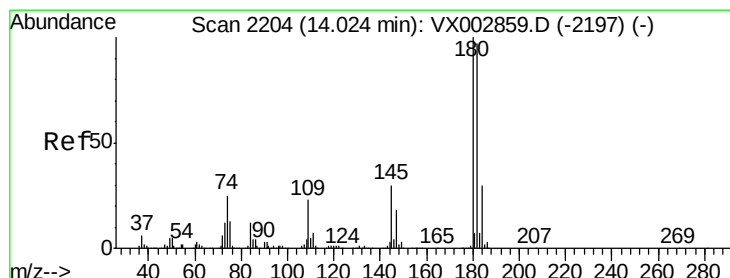
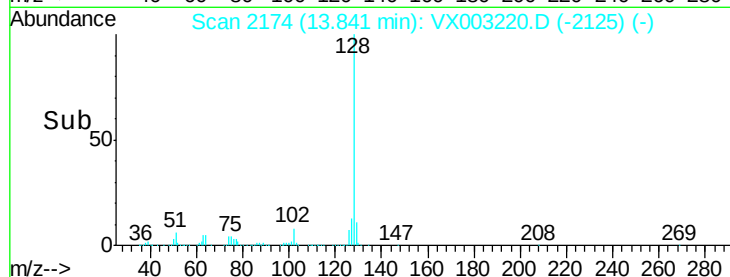
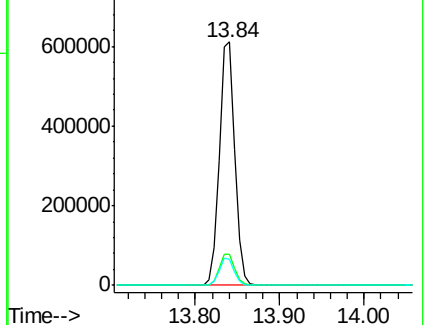
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 56.76 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003220.D

Acq: 06 Jul 2018 18:08

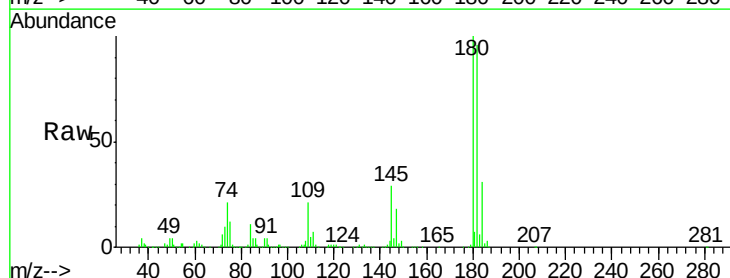
Tgt Ion:180 Resp: 304103

Ion Ratio Lower Upper

180 100

182 95.6 48.0 144.0

145 29.3 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

