

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003143.D
 Acq On : 03 Jul 2018 12:31
 Operator : JC/MD
 Sample : VX0703WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS01

Quant Time: Jul 04 03:12:14 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	267680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208294	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	170092	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
35) Dibromofluoromethane	5.51	113	141591	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	8.72	98	504732	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	11.14	95	190118	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	52072	21.62	ug/l	98
3) Chloromethane	1.32	50	53018	20.67	ug/l	100
4) Vinyl Chloride	1.40	62	59937	19.80	ug/l	96
5) Bromomethane	1.64	94	24981	15.82	ug/l	96
6) Chloroethane	1.72	64	39870	21.23	ug/l	98
7) Trichlorofluoromethane	1.93	101	95921	18.78	ug/l	99
8) Diethyl Ether	2.19	74	35126	18.92	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	56780	19.19	ug/l	97
10) Methyl Iodide	2.51	142	39372	17.71	ug/l	98
11) Tert butyl alcohol	3.08	59	67608	91.73	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50252	19.04	ug/l	93
13) Acrolein	2.29	56	21334	55.56	ug/l	98
14) Allyl chloride	2.73	41	97262	18.69	ug/l	96
15) Acrylonitrile	3.15	53	153131	97.27	ug/l	100
16) Acetone	2.45	43	136365	89.00	ug/l	96
17) Carbon Disulfide	2.57	76	134964	19.19	ug/l	99
18) Methyl Acetate	2.78	43	72574	16.94	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	175167	18.46	ug/l	100
20) Methylene Chloride	2.85	84	56924	19.09	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	55227	19.21	ug/l	93
22) Diisopropyl ether	3.88	45	184220	18.52	ug/l	97
23) Vinyl Acetate	3.83	43	811826	96.38	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100199	18.53	ug/l	99
25) 2-Butanone	4.71	43	222388	97.80	ug/l	97
26) 2,2-Dichloropropane	4.59	77	80397	18.29	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	63019	19.55	ug/l	98
28) Bromochloromethane	5.02	49	46791	18.08	ug/l	92
29) Tetrahydrofuran	5.17	42	144334	98.98	ug/l	97
30) Chloroform	5.22	83	107657	19.40	ug/l	97
31) Cyclohexane	5.57	56	91439	19.71	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	93997	19.25	ug/l	99
36) 1,1-Dichloropropene	5.80	75	78012	20.13	ug/l	97
37) Ethyl Acetate	4.87	43	87431	20.95	ug/l	99
38) Carbon Tetrachloride	5.78	117	84978	19.98	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS01

Quant Time: Jul 04 03:12:14 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	91396	20.24	ug/l	95
40) Benzene	6.15	78	231368	20.55	ug/l	97
41) Methacrylonitrile	5.07	41	49256	20.50	ug/l	97
42) 1,2-Dichloroethane	6.20	62	87348	19.20	ug/l	99
43) Isopropyl Acetate	6.47	43	137299	19.62	ug/l	97
44) Trichloroethene	7.22	130	68803	20.49	ug/l	96
45) 1,2-Dichloropropane	7.52	63	60328	20.20	ug/l	98
46) Dibromomethane	7.66	93	41442	19.99	ug/l	96
47) Bromodichloromethane	7.90	83	76038	19.84	ug/l	96
48) Methyl methacrylate	7.78	41	69290	19.21	ug/l	95
49) 1,4-Dioxane	7.76	88	28169	401.49	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	440215	100.53	ug/l	97
52) Toluene	8.79	92	147934	20.51	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	88184	20.32	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	80275	19.22	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	61239	20.66	ug/l	99
56) Ethyl methacrylate	9.19	69	87221	20.13	ug/l	93
57) 1,3-Dichloropropane	9.38	76	97284	19.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	210424	100.67	ug/l	97
59) 2-Hexanone	9.50	43	336880	101.23	ug/l	97
60) Dibromochloromethane	9.59	129	62960	20.17	ug/l	100
61) 1,2-Dibromoethane	9.68	107	63957	20.57	ug/l	100
64) Tetrachloroethene	9.34	164	77944	21.25	ug/l	97
65) Chlorobenzene	10.14	112	170269	20.32	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	62751	20.62	ug/l	100
67) Ethyl Benzene	10.26	91	282631	20.42	ug/l	99
68) m/p-Xylenes	10.36	106	220626	41.37	ug/l	99
69) o-Xylene	10.70	106	105717	20.36	ug/l	98
70) Styrene	10.71	104	176383	20.90	ug/l	99
71) Bromoform	10.86	173	48475	20.16	ug/l #	99
73) Isopropylbenzene	11.02	105	290981	20.77	ug/l	99
74) N-amyl acetate	6.47	43	137299	20.03	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	89083	20.64	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	99471	26.36	ug/l	80
77) Bromobenzene	11.26	156	81076	20.32	ug/l	96
78) n-propylbenzene	11.37	91	328746	20.61	ug/l	99
79) 2-Chlorotoluene	11.43	91	195862	20.28	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	241787	20.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21418	18.72	ug/l	93
82) 4-Chlorotoluene	11.51	91	230014	20.12	ug/l	98
83) tert-Butylbenzene	11.77	119	236436	20.33	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	249899	20.44	ug/l	97
85) sec-Butylbenzene	11.95	105	284818	20.19	ug/l	99
86) p-Isopropyltoluene	12.07	119	258160	20.35	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	148969	20.44	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149679	19.96	ug/l	100
89) n-Butylbenzene	12.39	91	212797	19.27	ug/l	99
90) Hexachloroethane	12.60	117	38026	20.15	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	146907	19.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19439	20.03	ug/l	96

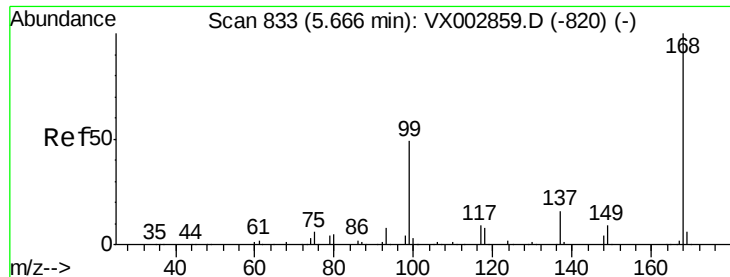
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
Data File : VX003143.D
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Quant Time: Jul 04 03:12:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	105838	19.77	ug/l	99
94) Hexachlorobutadiene	13.79	225	51950	19.46	ug/l	100
95) Naphthalene	13.84	128	291501	20.44	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110461	20.66	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

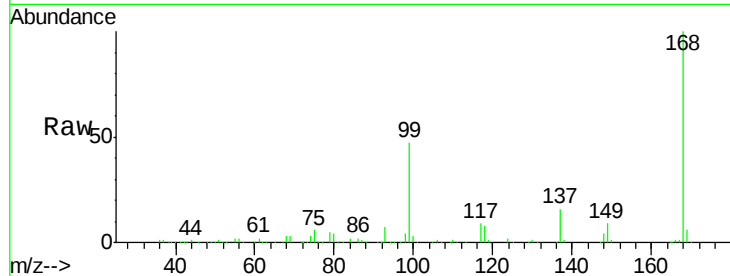
VX0703WBS01

Tot Ion:168 Resp: 267680

Ion Ratio Lower Upper

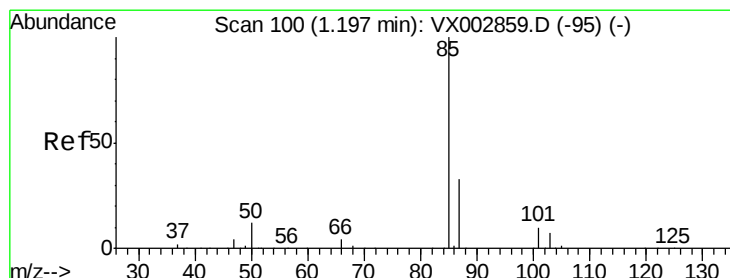
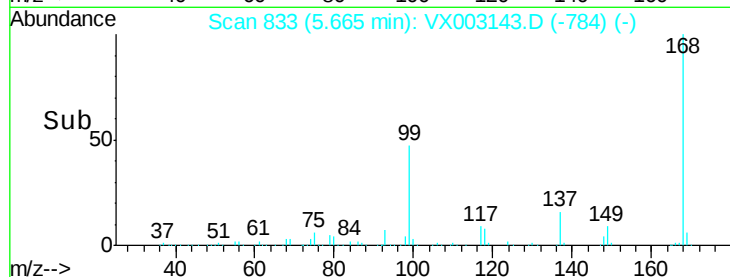
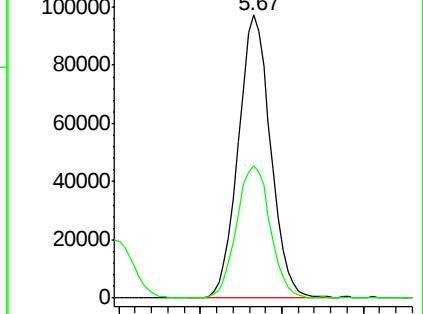
168 100

99 46.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.62 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003143.D

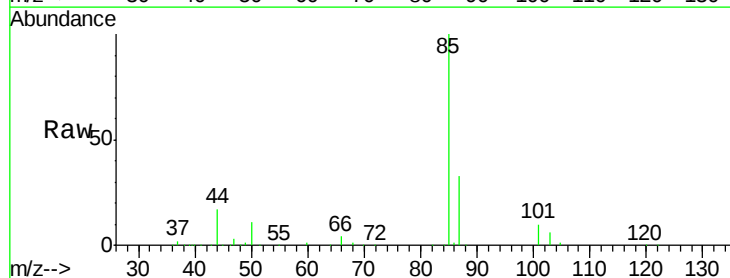
Acq: 03 Jul 2018 12:31

Tgt Ion: 85 Resp: 52072

Ion Ratio Lower Upper

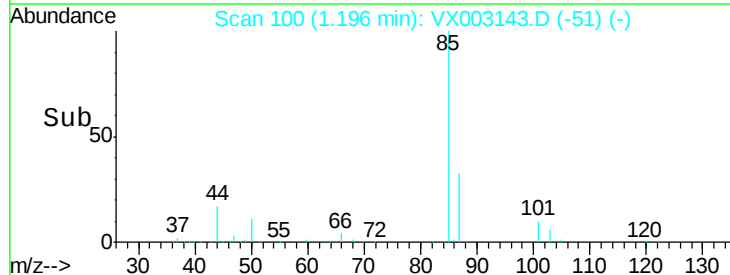
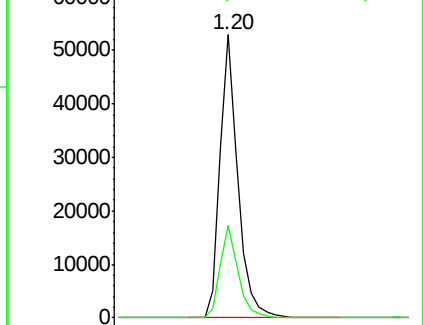
85 100

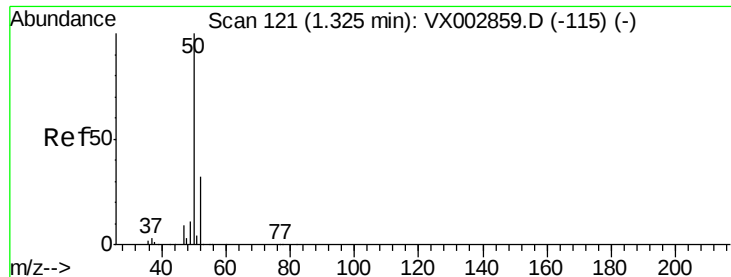
87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.67 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

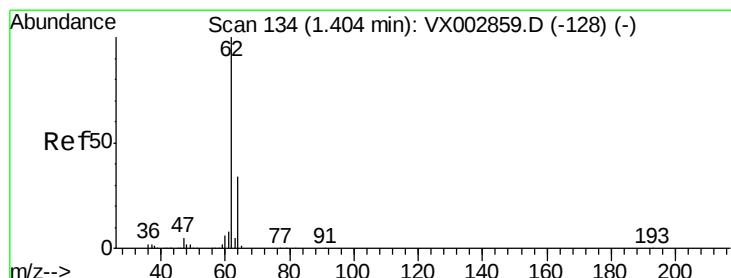
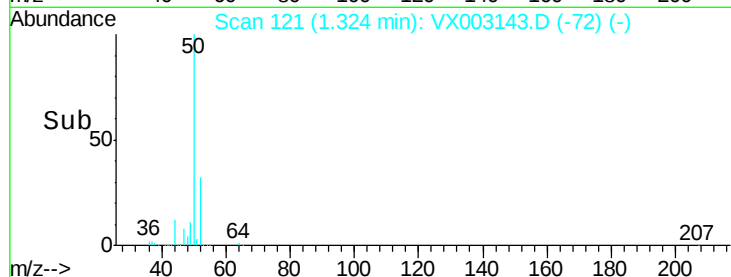
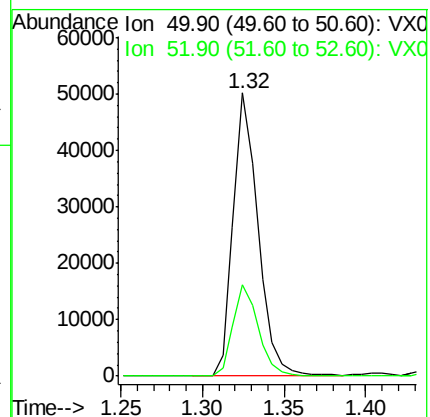
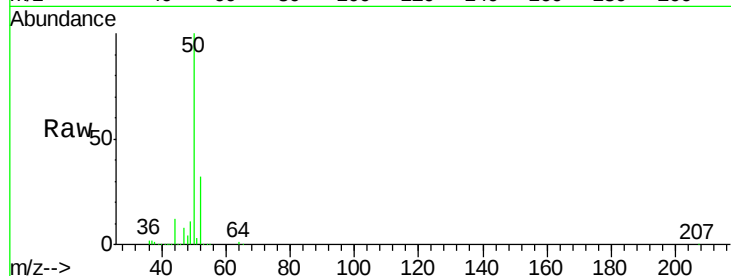
VX0703WBS01

Tot Ion: 50 Resp: 53018

Ion Ratio Lower Upper

50 100

52 32.3 25.7 38.5



#4

Vinyl Chloride

Concen: 19.80 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003143.D

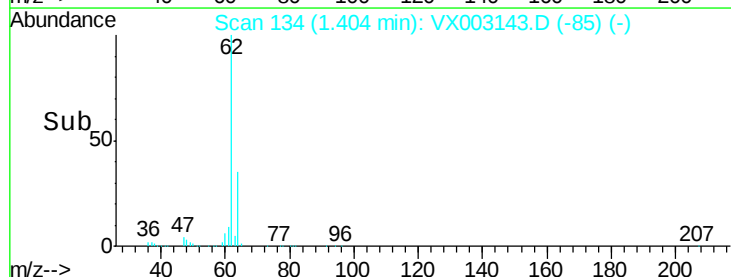
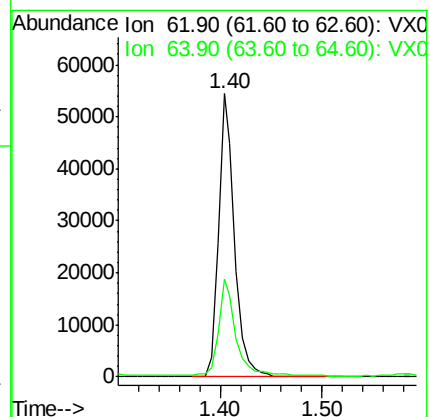
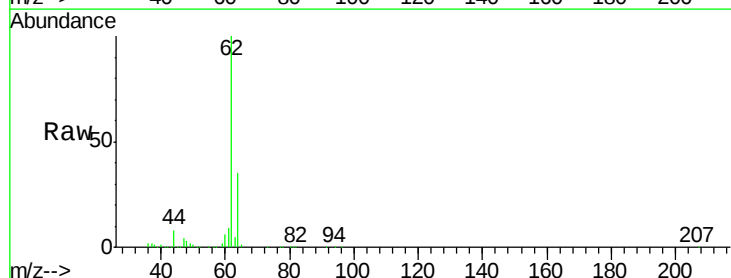
Acq: 03 Jul 2018 12:31

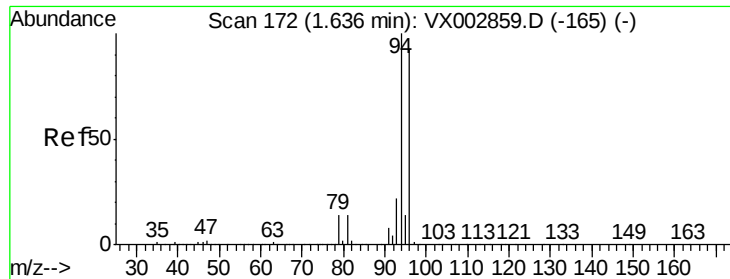
Tgt Ion: 62 Resp: 59937

Ion Ratio Lower Upper

62 100

64 34.2 25.4 38.2





#5

Bromomethane

Concen: 15.82 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

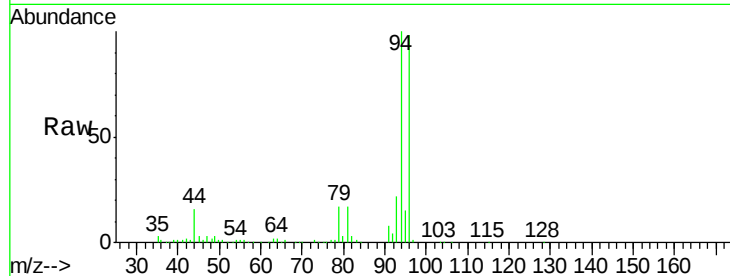
VX0703WBS01

Tot Ion: 94 Resp: 24981

Ion Ratio Lower Upper

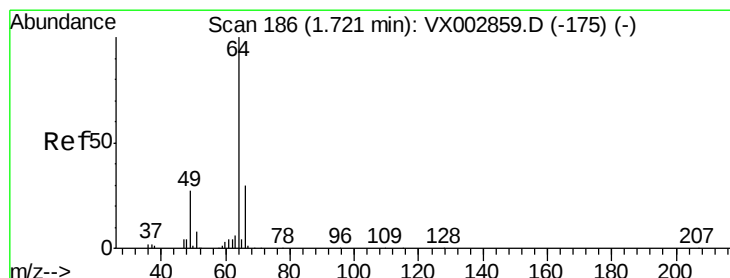
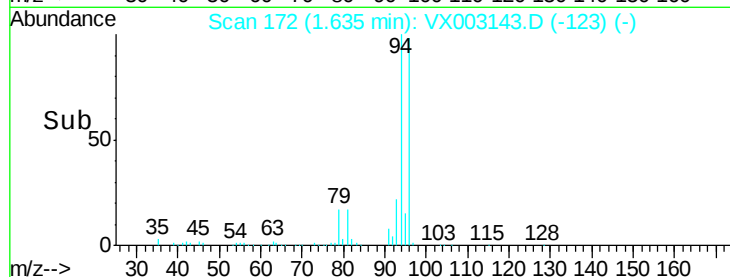
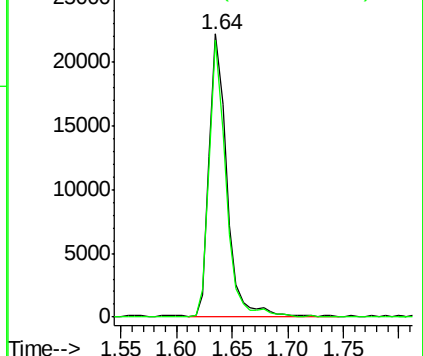
94 100

96 97.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.23 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX003143.D

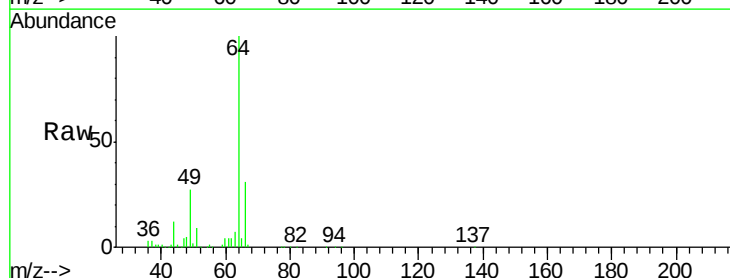
Acq: 03 Jul 2018 12:31

Tgt Ion: 64 Resp: 39870

Ion Ratio Lower Upper

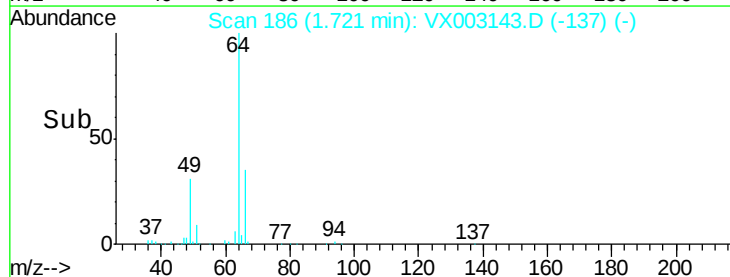
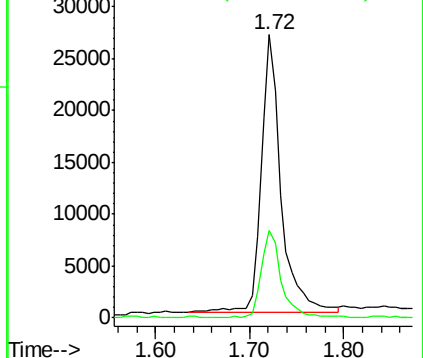
64 100

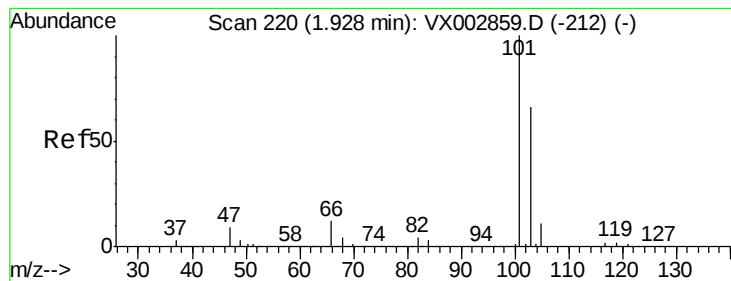
66 30.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



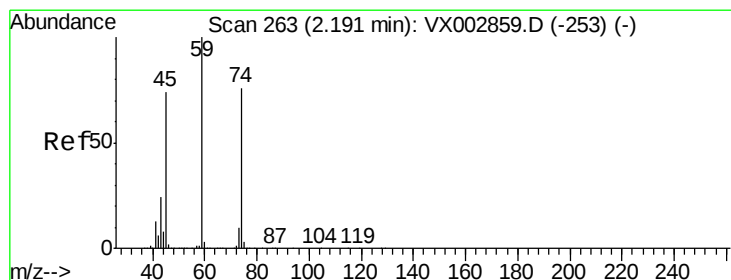
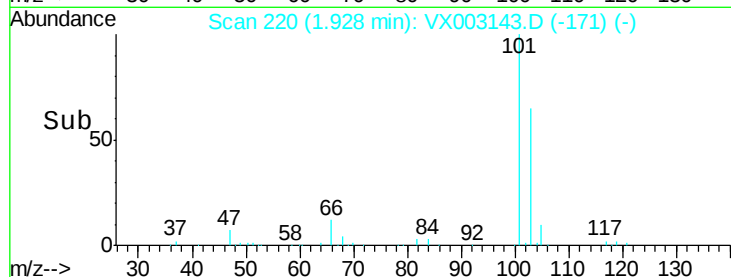
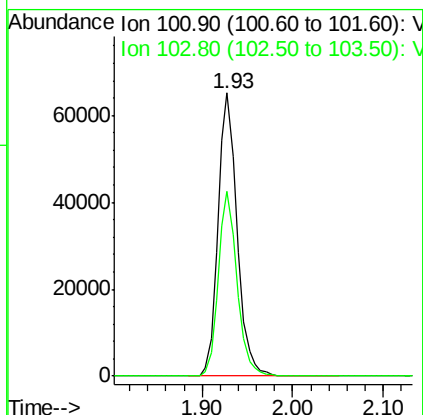
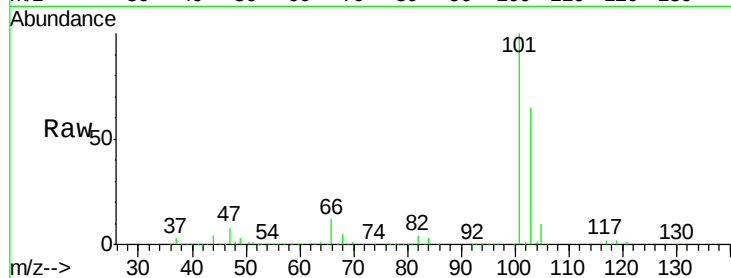


#7

Trichlorofluoromethane
 Concen: 18.78 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS01

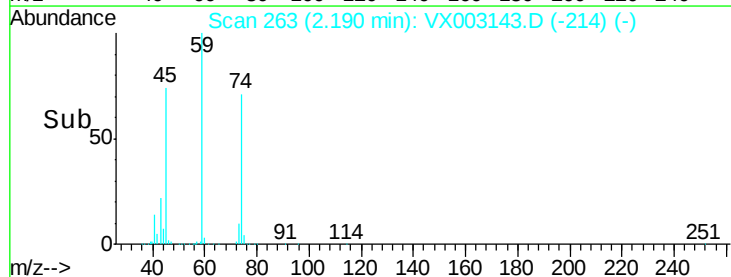
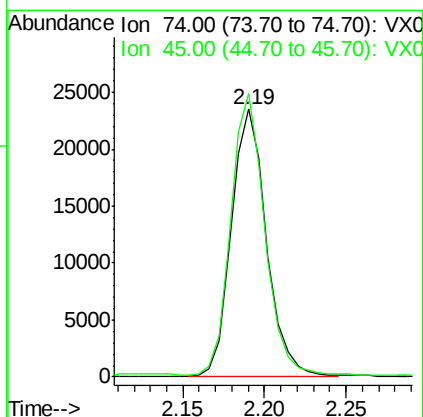
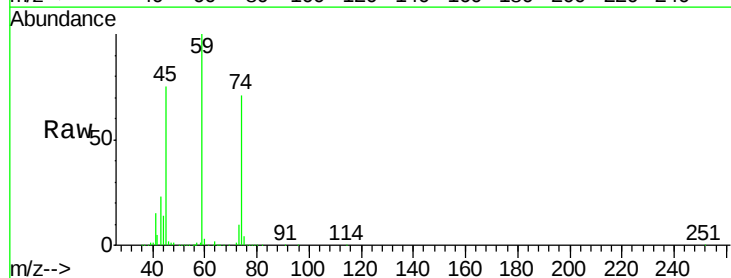
Tot Ion:101 Resp: 95921
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.8 79.2



#8

Diethyl Ether
 Concen: 18.92 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Tgt Ion: 74 Resp: 35126
 Ion Ratio Lower Upper
 74 100
 45 102.0 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.19 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS01

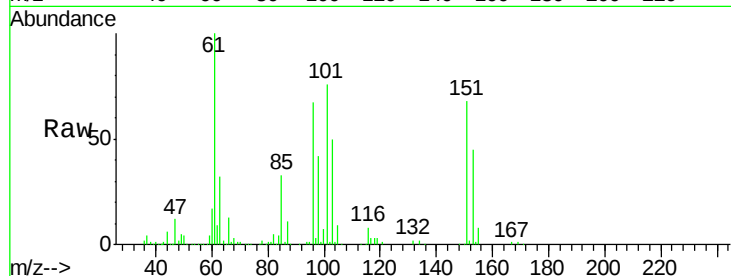
Tot Ion:101 Resp: 56780

Ion Ratio Lower Upper

101 100

85 43.2 36.0 54.0

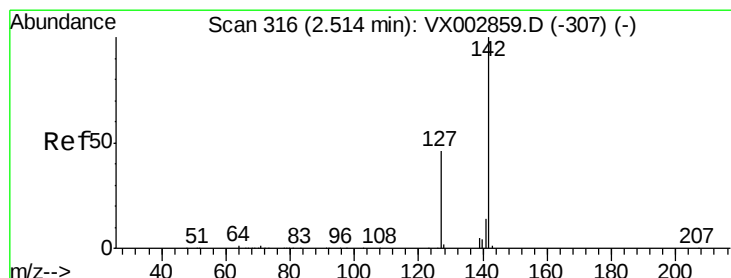
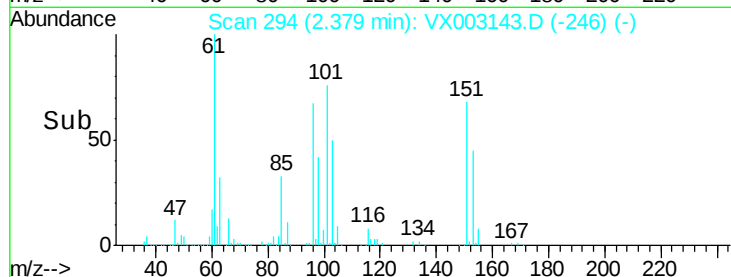
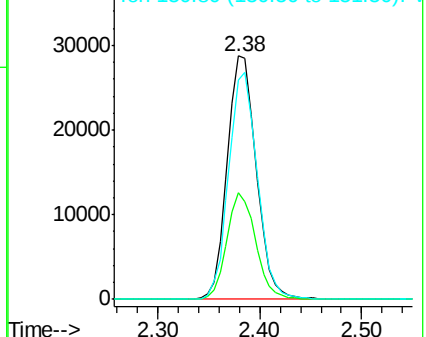
151 91.9 70.9 106.3



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: 17.71 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

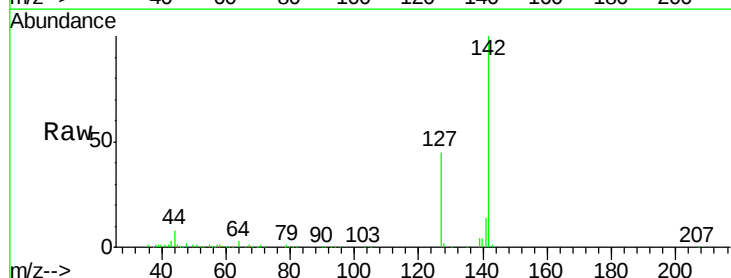
Tgt Ion:142 Resp: 39372

Ion Ratio Lower Upper

142 100

127 44.3 36.6 55.0

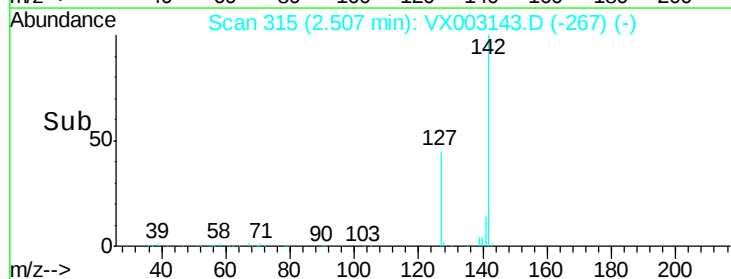
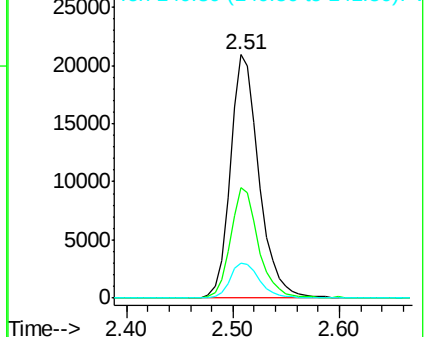
141 14.9 11.3 16.9

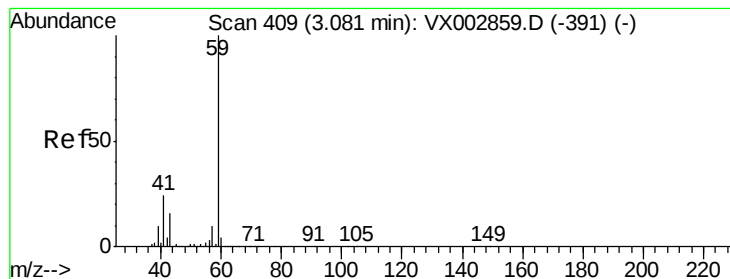


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.73 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

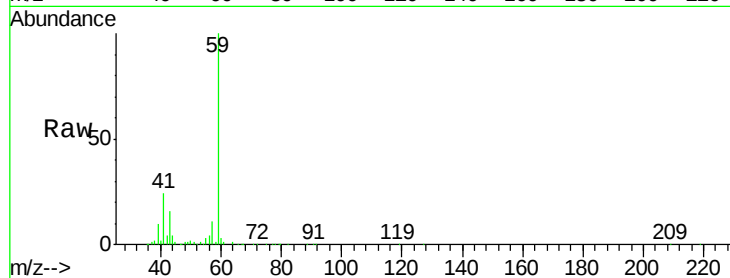
VX0703WBS01

Tot Ion: 59 Resp: 67608

Ion Ratio Lower Upper

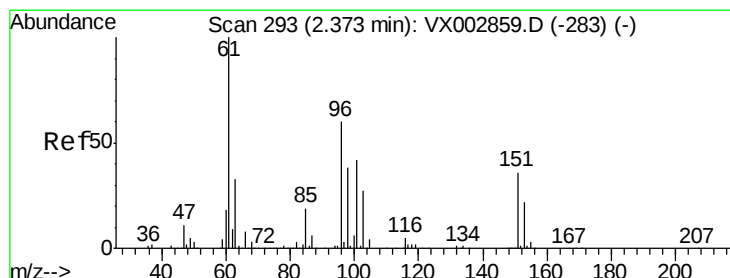
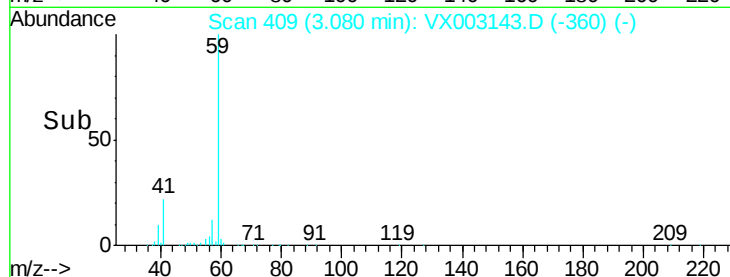
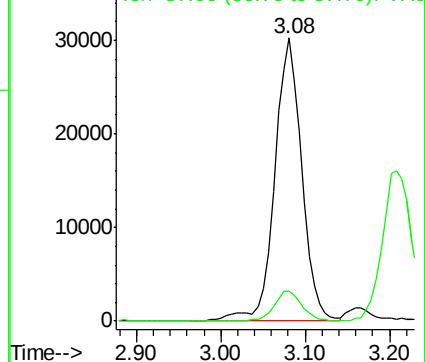
59 100

57 10.4 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 19.04 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

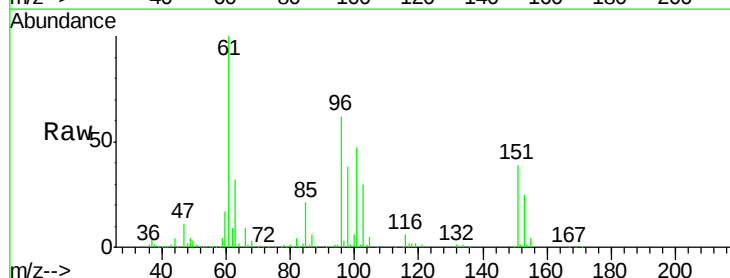
Tgt Ion: 96 Resp: 50252

Ion Ratio Lower Upper

96 100

61 160.2 137.9 206.9

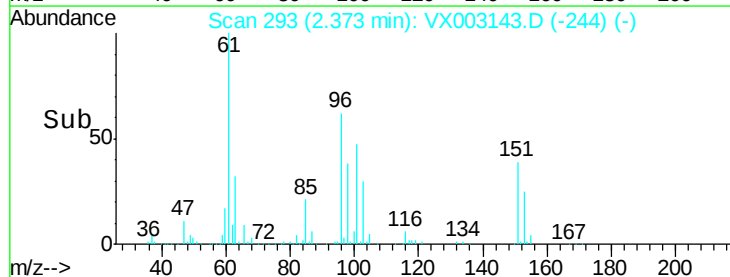
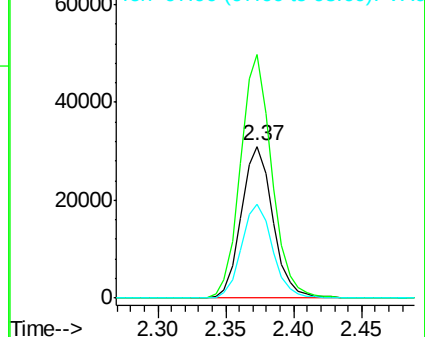
98 61.5 51.6 77.4



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

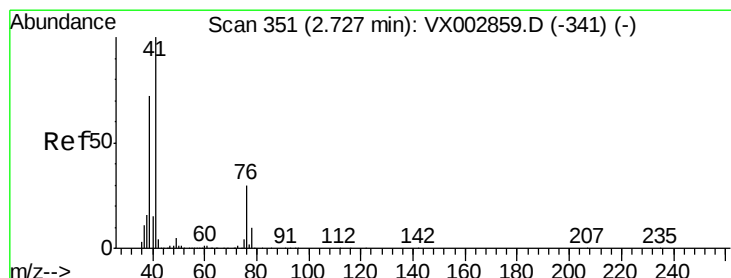
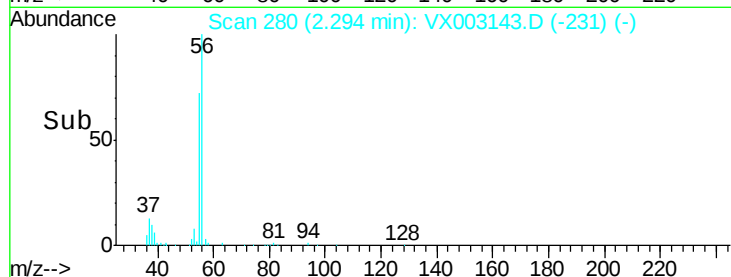
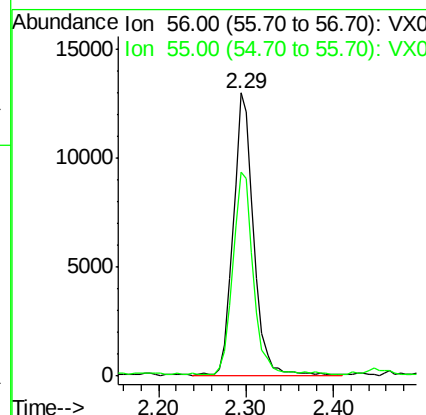
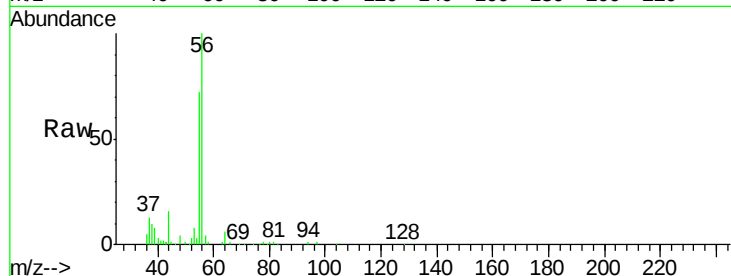




#13
Acrolein
Concen: 55.56 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

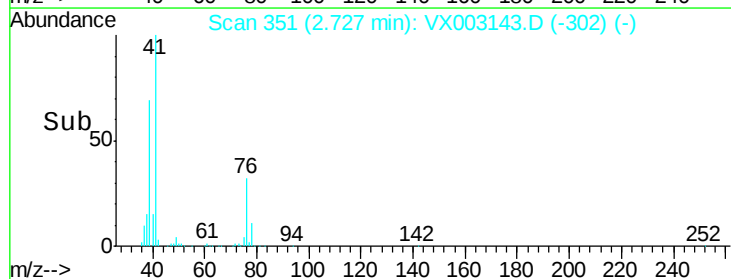
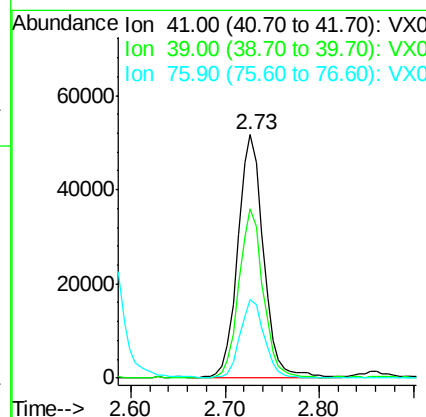
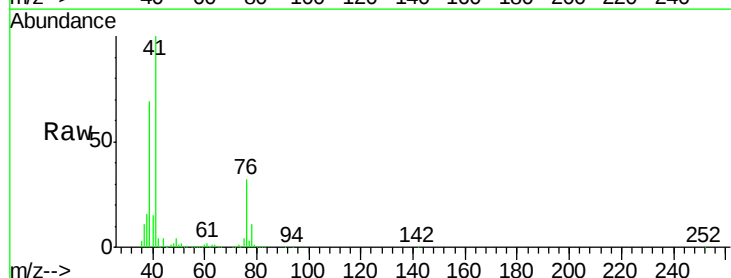
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

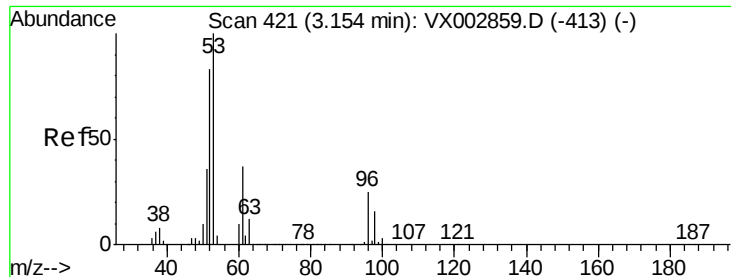
Tot Ion: 56 Resp: 21334
Ion Ratio Lower Upper
56 100
55 69.9 57.0 85.4



#14
Allyl chloride
Concen: 18.69 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 41 Resp: 97262
Ion Ratio Lower Upper
41 100
39 66.1 56.8 85.2
76 30.4 23.8 35.8





#15

Acrylonitrile

Concen: 97.27 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

VX0703WBS01

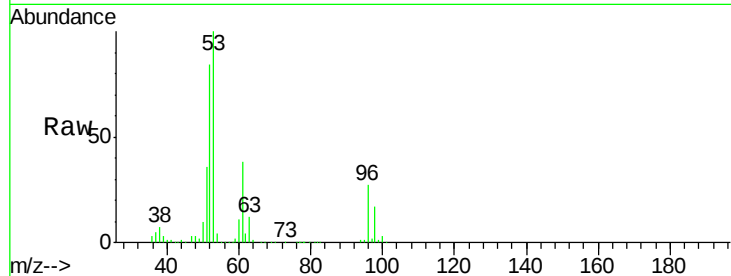
Tot Ion: 53 Resp: 153131

Ion Ratio Lower Upper

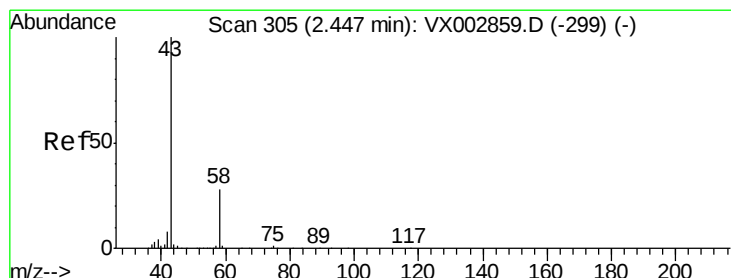
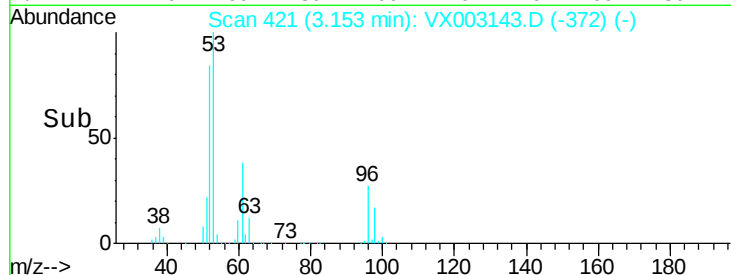
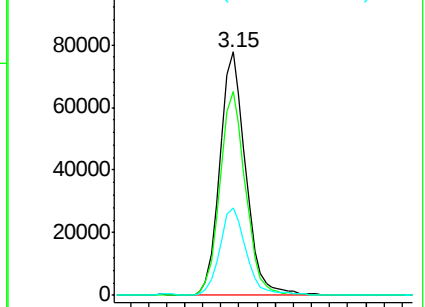
53 100

52 83.3 66.7 100.1

51 36.9 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: 89.00 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003143.D

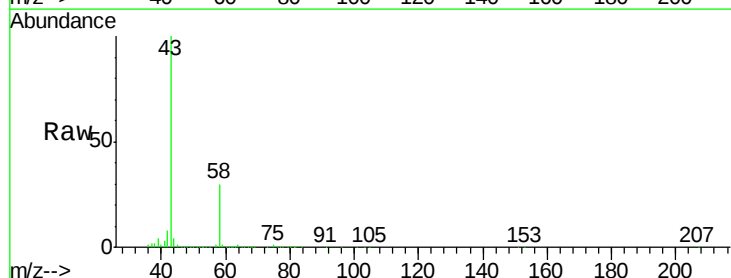
Acq: 03 Jul 2018 12:31

Tgt Ion: 43 Resp: 136365

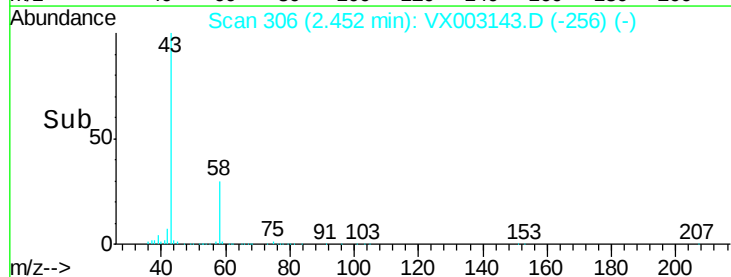
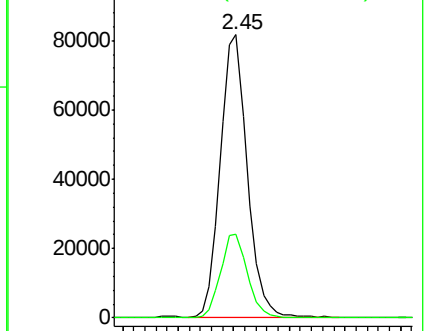
Ion Ratio Lower Upper

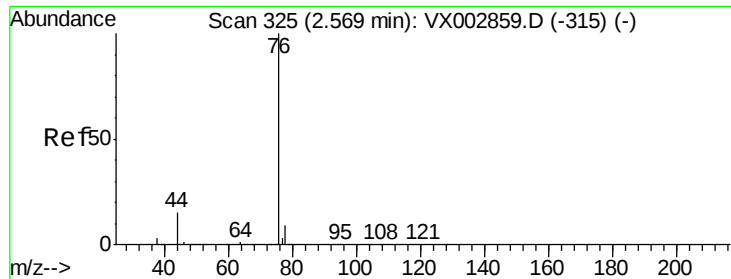
43 100

58 29.6 22.1 33.1



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

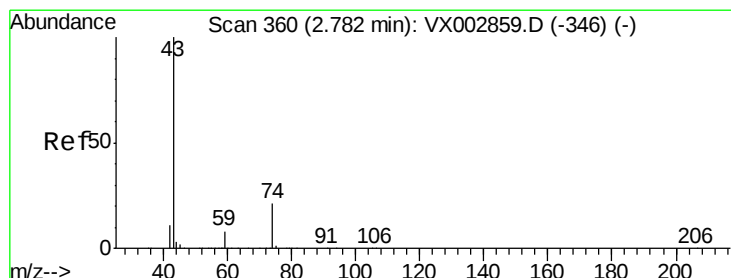
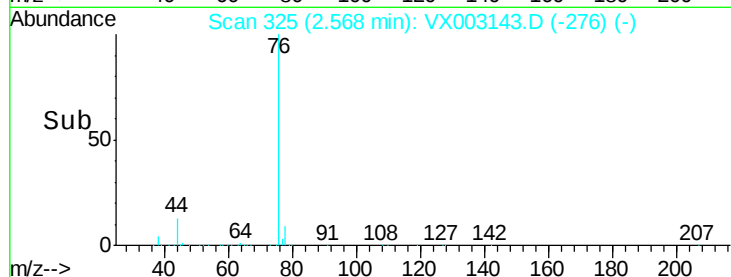
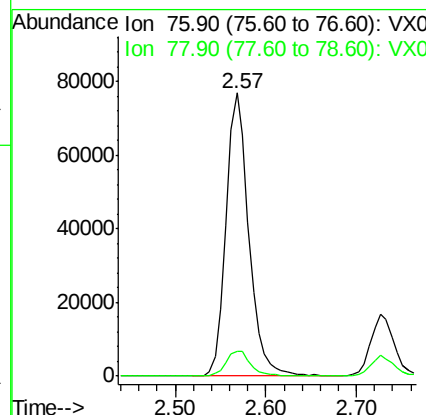
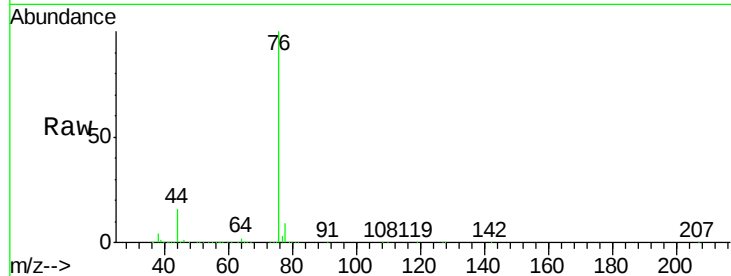




#17
Carbon Disulfide
Concen: 19.19 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

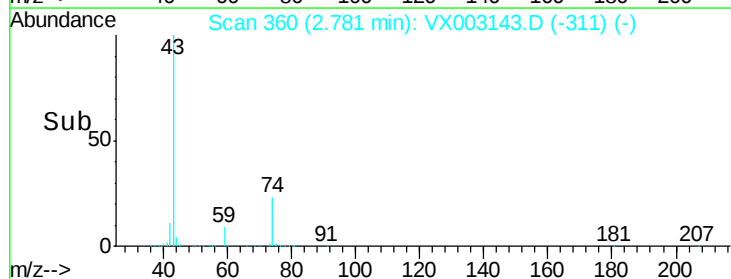
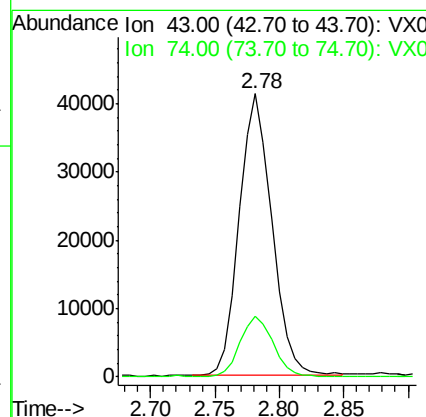
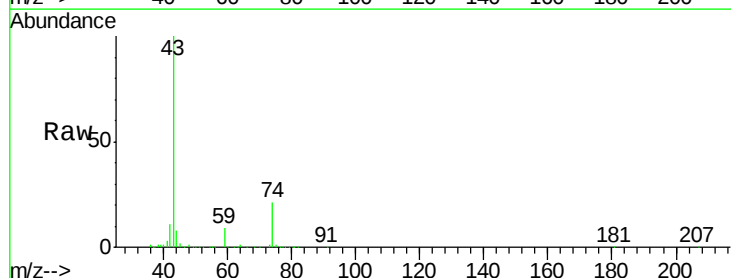
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

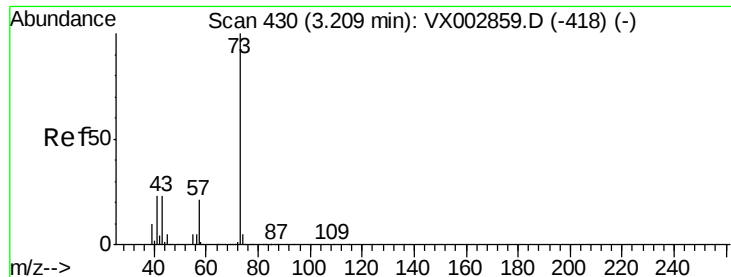
Tot Ion: 76 Resp: 134964
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 16.94 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 43 Resp: 72574
Ion Ratio Lower Upper
43 100
74 21.7 16.7 25.1

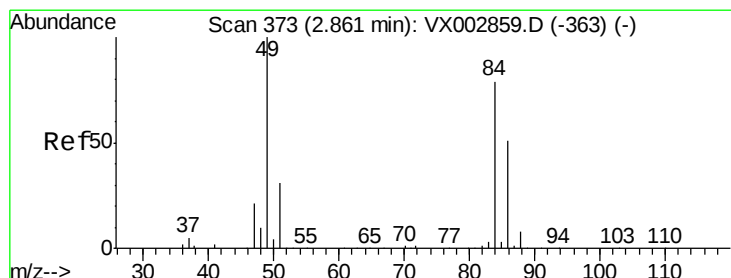
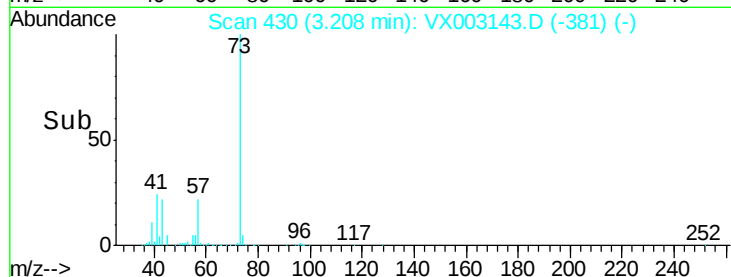
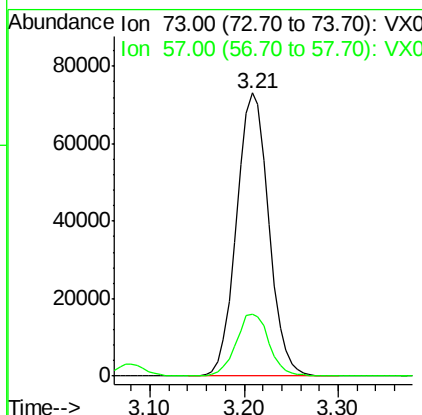
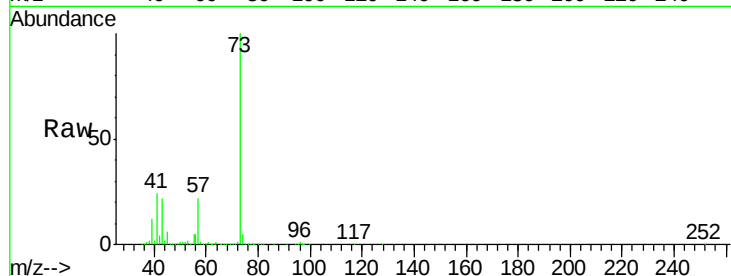




#19
Methvl tert-butvl Ether
Concen: 18.46 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

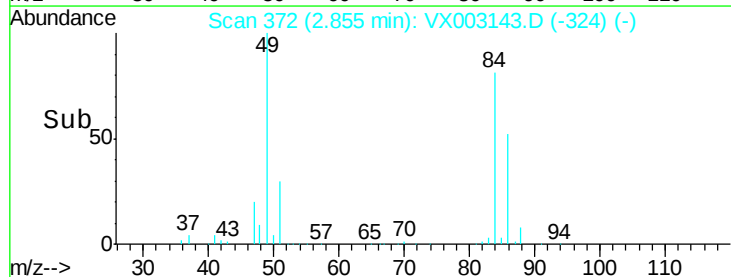
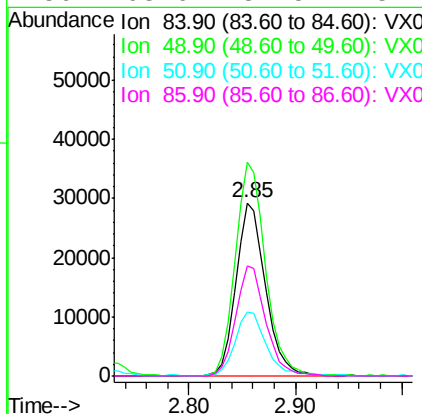
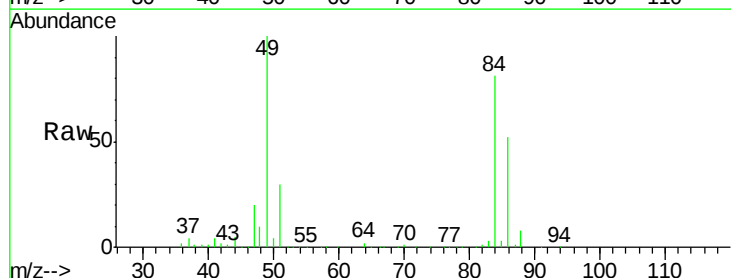
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Tot Ion: 73 Resp: 175167
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 19.09 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 84 Resp: 56924
Ion Ratio Lower Upper
84 100
49 122.9 107.8 161.6
51 36.7 32.8 49.2
86 63.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.21 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS01

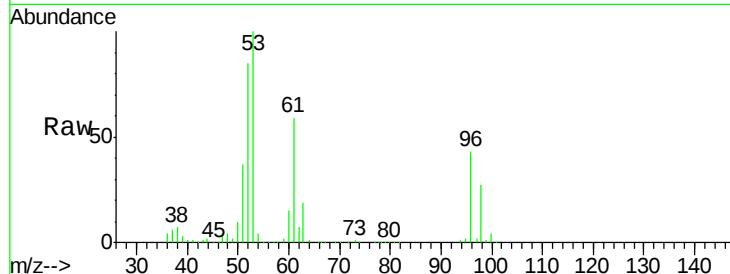
Tot Ion: 96 Resp: 55227

Ion Ratio Lower Upper

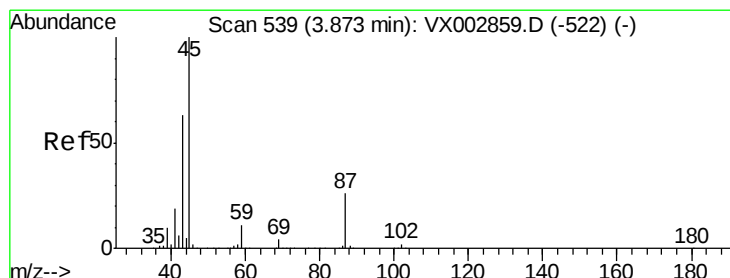
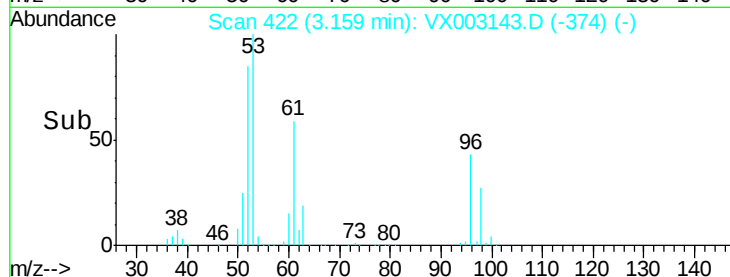
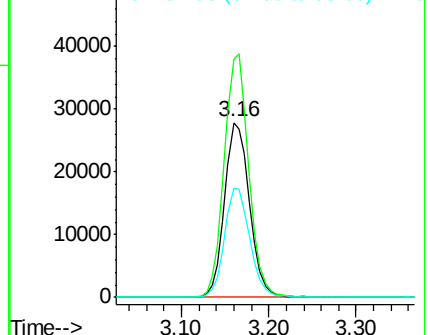
96 100

61 136.6 117.0 175.4

98 62.2 52.4 78.6



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



#22

Diisopropyl ether

Concen: 18.52 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Tgt Ion: 45 Resp: 184220

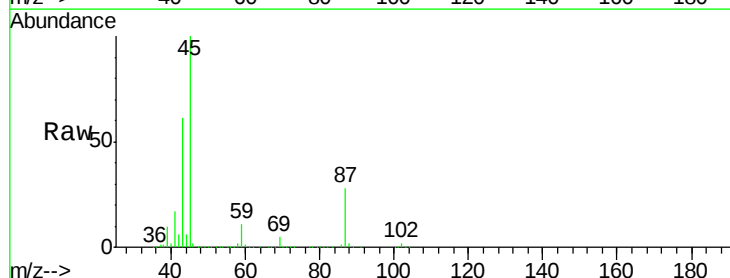
Ion Ratio Lower Upper

45 100

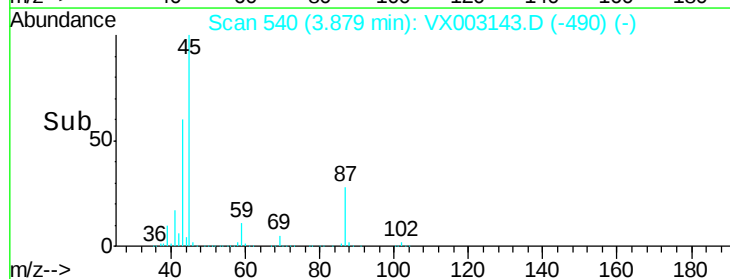
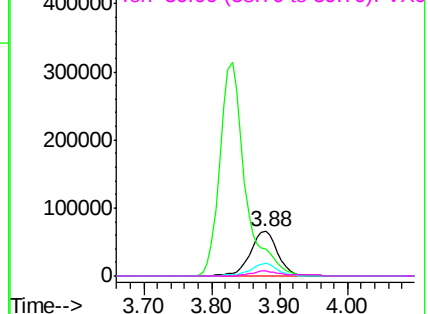
43 60.6 46.8 70.2

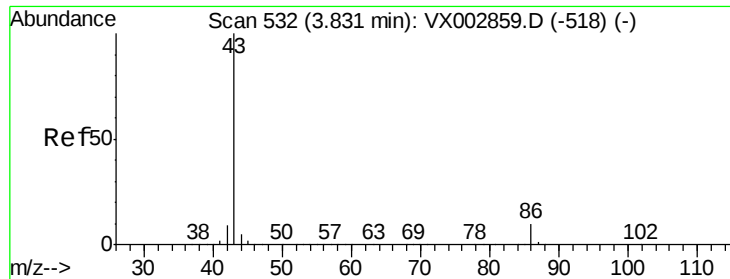
87 28.0 20.2 30.4

59 11.4 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: 96.38 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

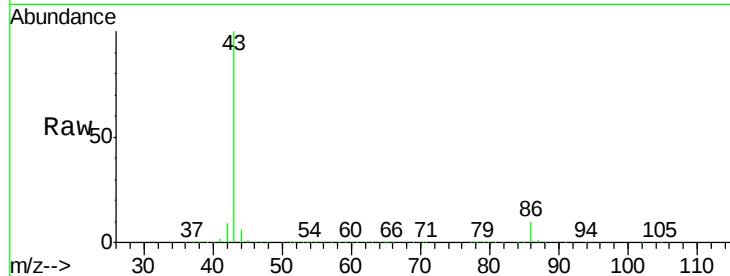
VX0703WBS01

Tot Ion: 43 Resp: 811826

Ion Ratio Lower Upper

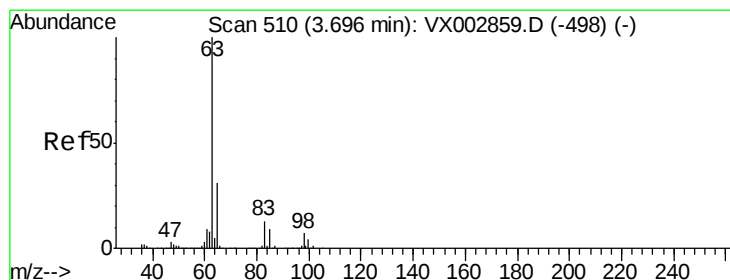
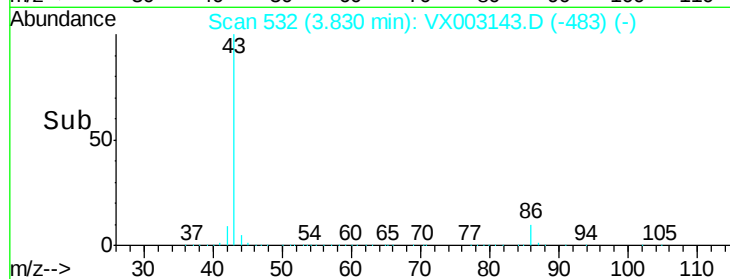
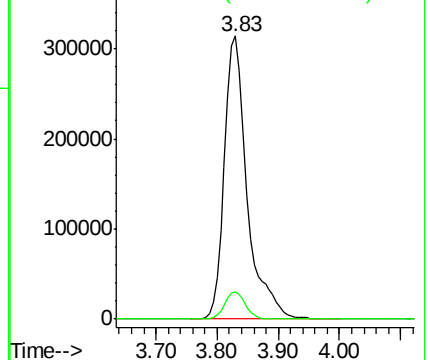
43 100

86 9.7 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.53 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

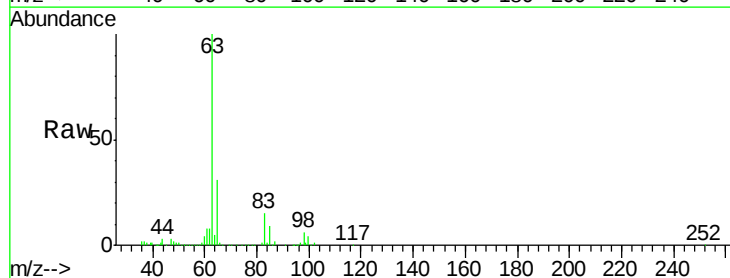
Tgt Ion: 63 Resp: 100199

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

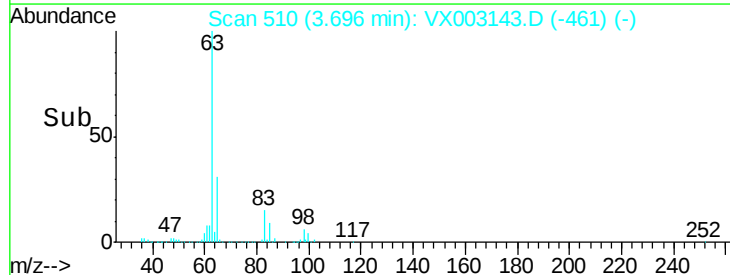
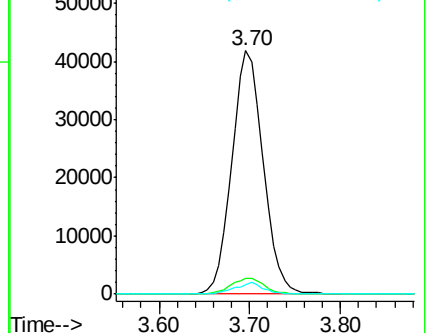
100 4.0 2.0 6.0

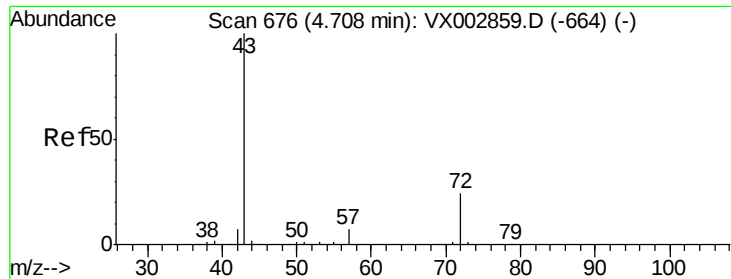


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.80 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

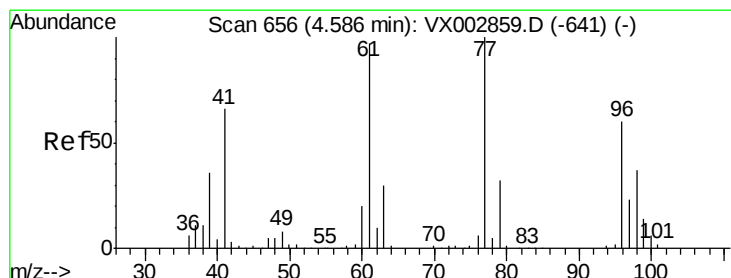
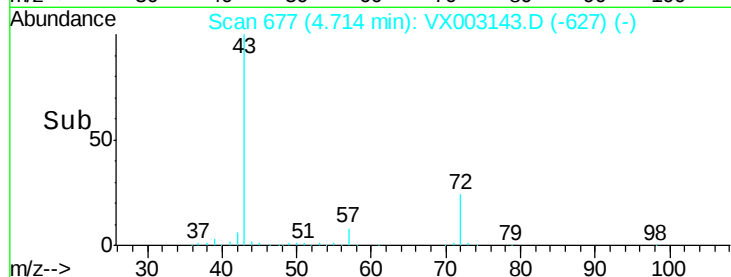
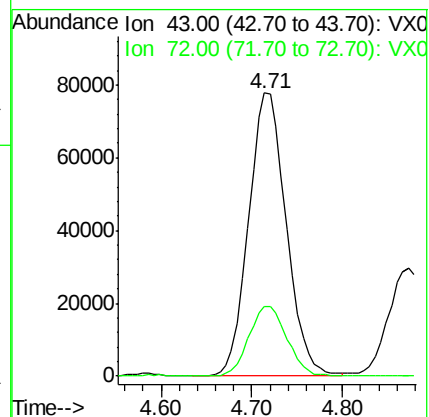
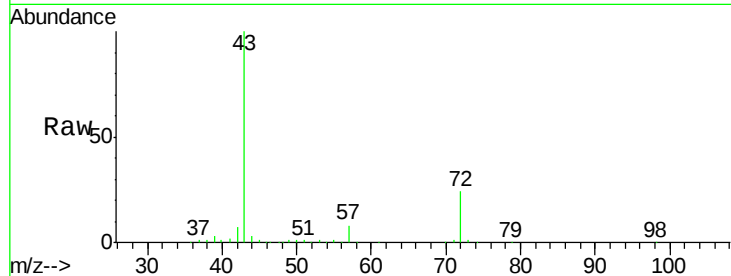
VX0703WBS01

Tot Ion: 43 Resp: 222388

Ion Ratio Lower Upper

43 100

72 24.3 18.5 27.7



#26

2,2-Dichloropropane

Concen: 18.29 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003143.D

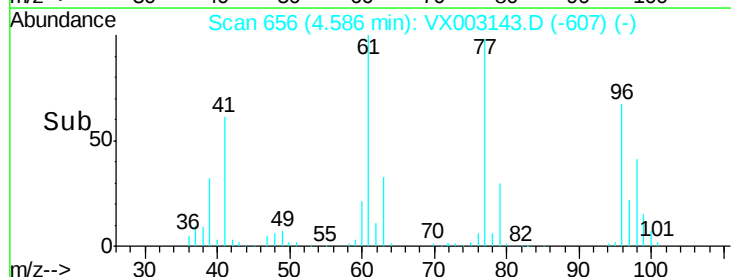
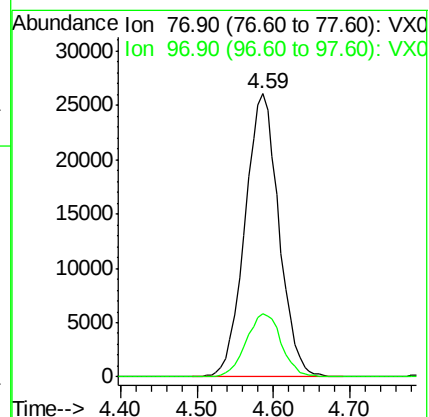
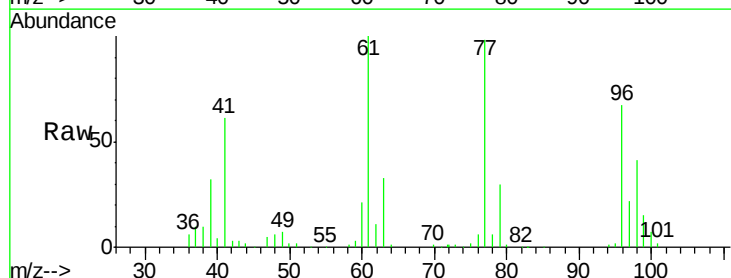
Acq: 03 Jul 2018 12:31

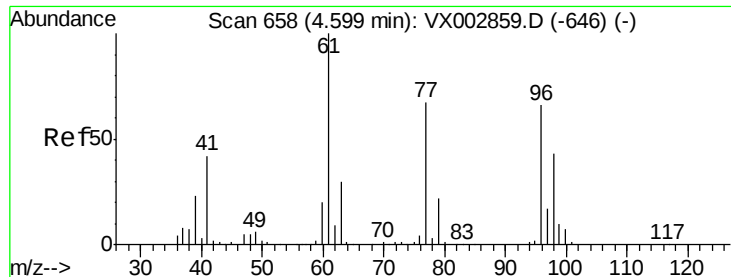
Tgt Ion: 77 Resp: 80397

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5



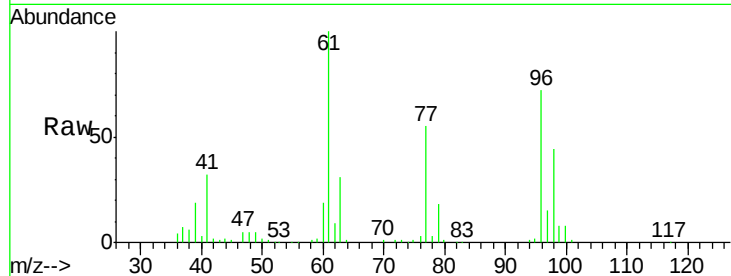


#27

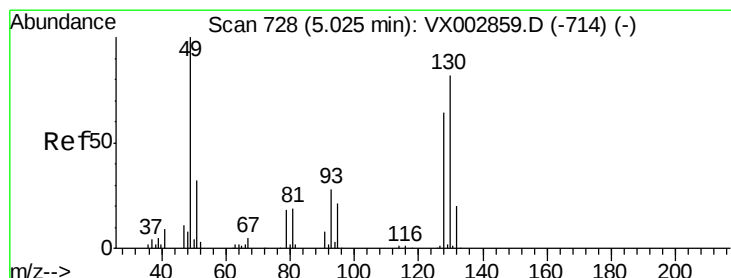
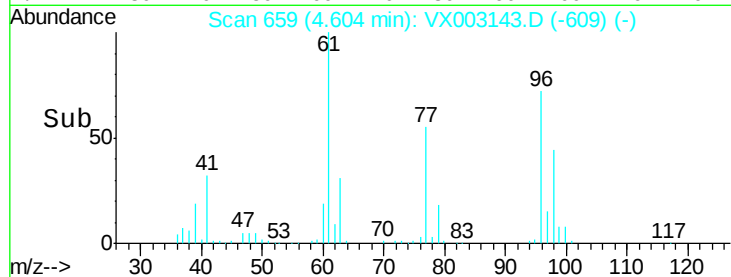
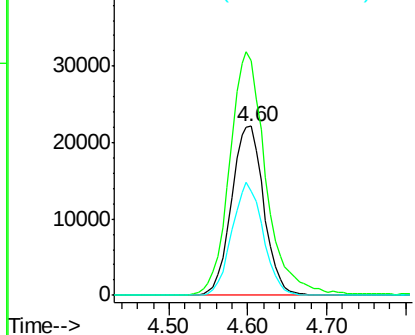
cis-1,2-Dichloroethene
Concen: 19.55 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Tot Ion: 96 Resp: 63019
Ion Ratio Lower Upper
96 100
61 161.3 0.0 330.2
98 64.7 0.0 130.2



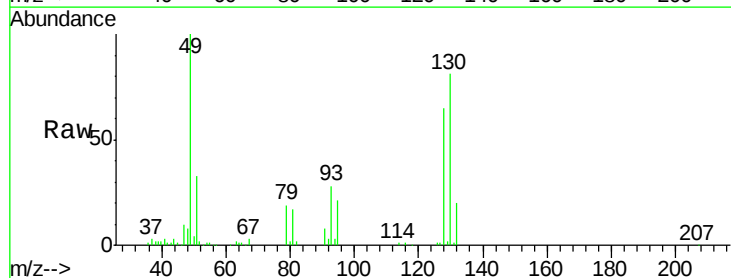
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



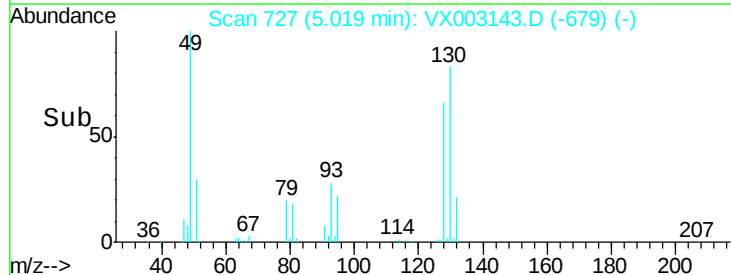
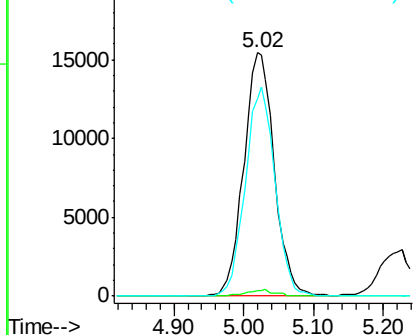
#28

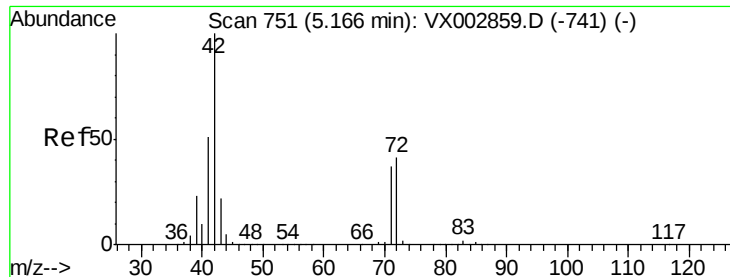
Bromochloromethane
Concen: 18.08 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 49 Resp: 46791
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.2
130 83.6 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: 98.98 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS01

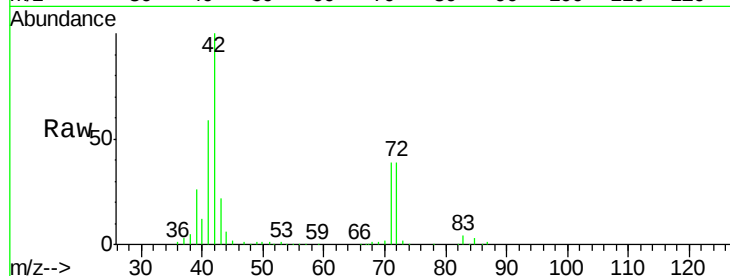
Tot Ion: 42 Resp: 144334

Ion Ratio Lower Upper

42 100

72 42.2 32.0 48.0

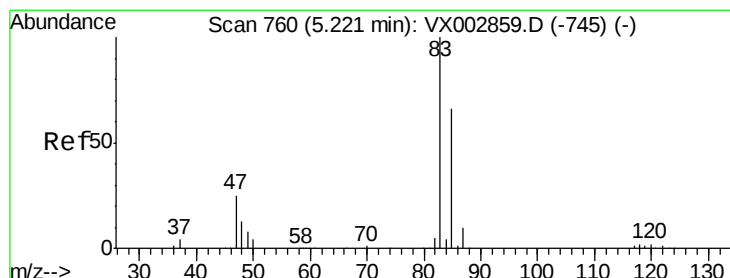
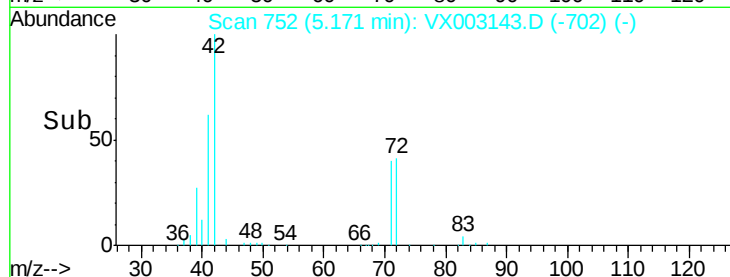
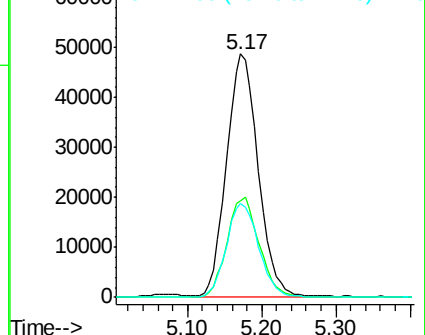
71 39.5 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.40 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX003143.D

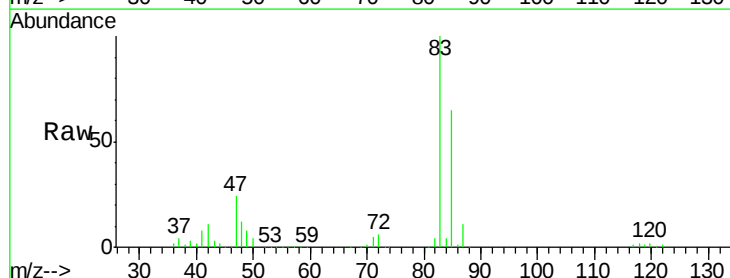
Acq: 03 Jul 2018 12:31

Tgt Ion: 83 Resp: 107657

Ion Ratio Lower Upper

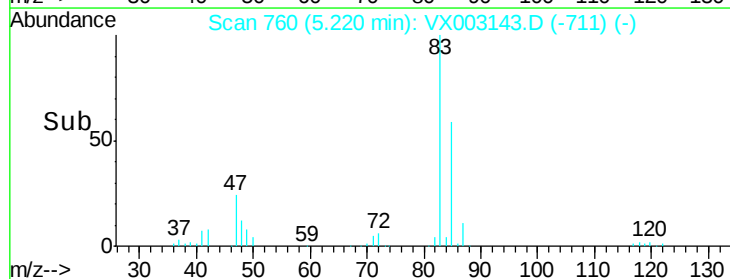
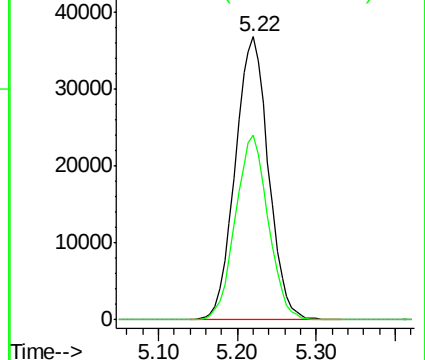
83 100

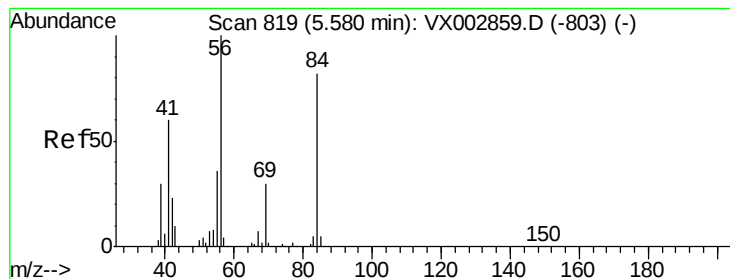
85 65.4 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.71 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

VX0703WBS01

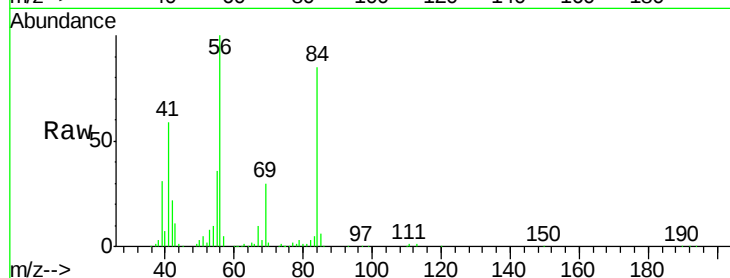
Tot Ion: 56 Resp: 91439

Ion Ratio Lower Upper

56 100

69 30.1 23.7 35.5

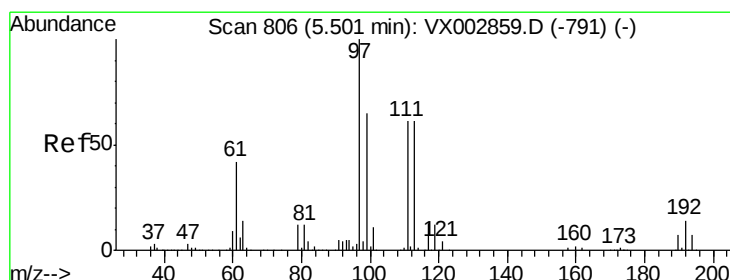
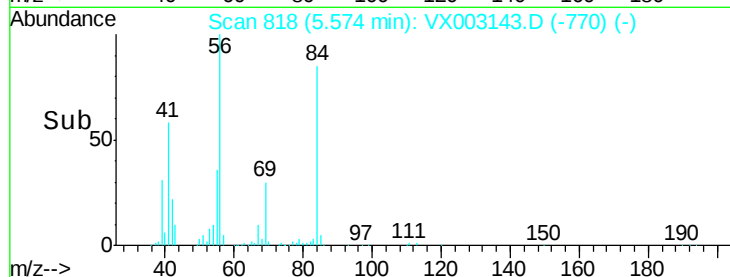
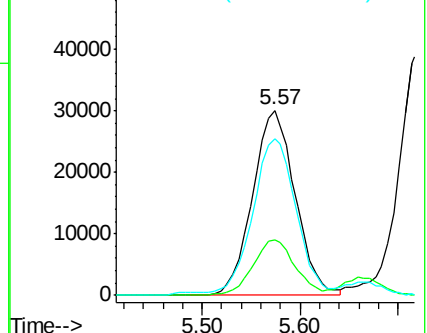
84 82.8 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.25 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

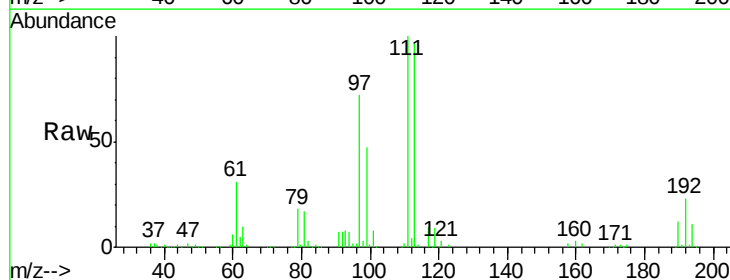
Tgt Ion: 97 Resp: 93997

Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

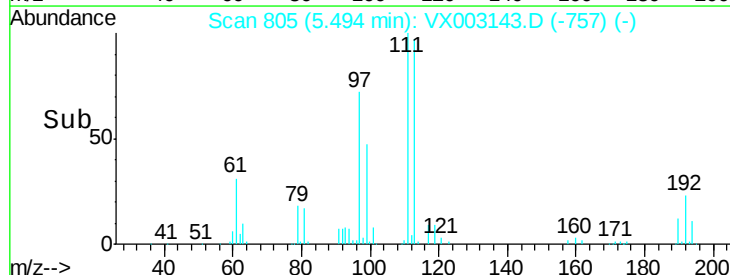
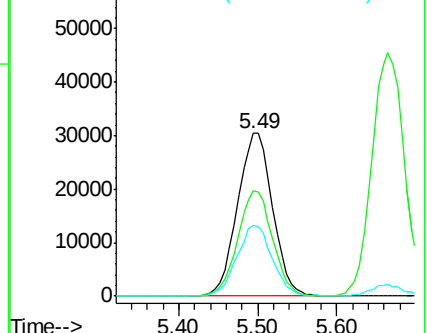
61 44.0 36.4 54.6

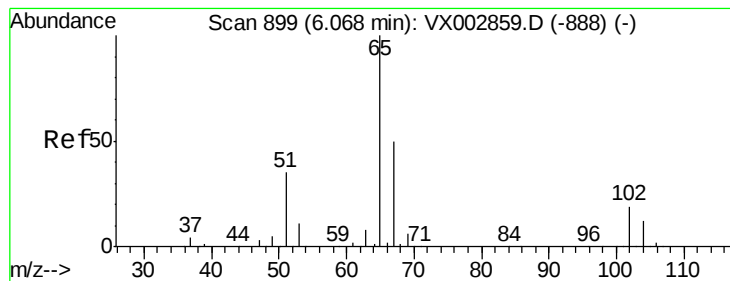


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.97 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

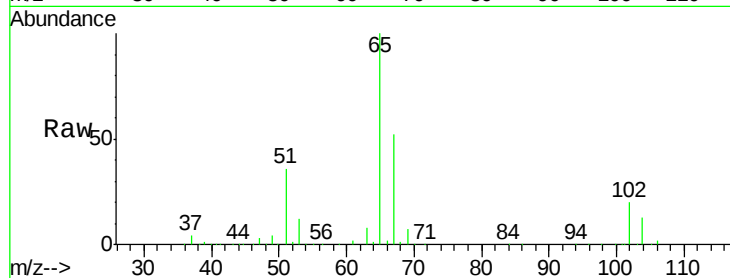
VX0703WBS01

Tot Ion: 65 Resp: 170092

Ion Ratio Lower Upper

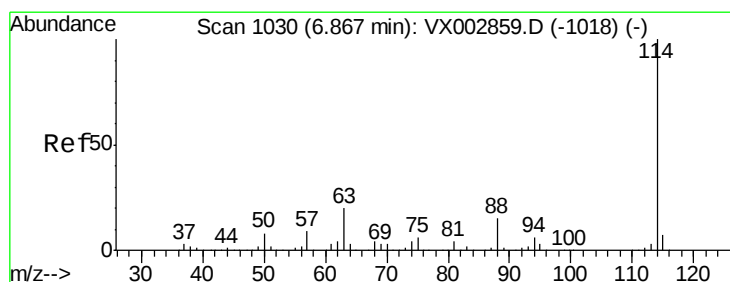
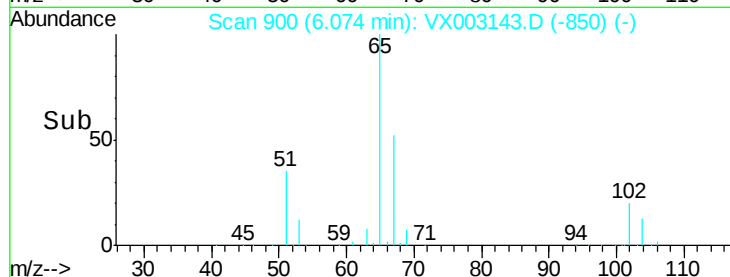
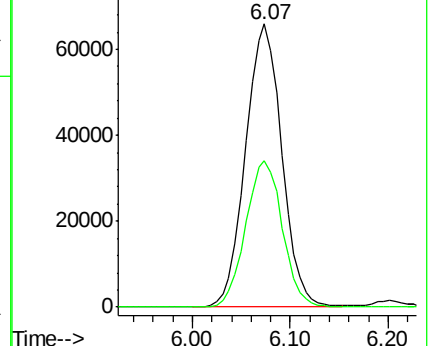
65 100

67 52.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

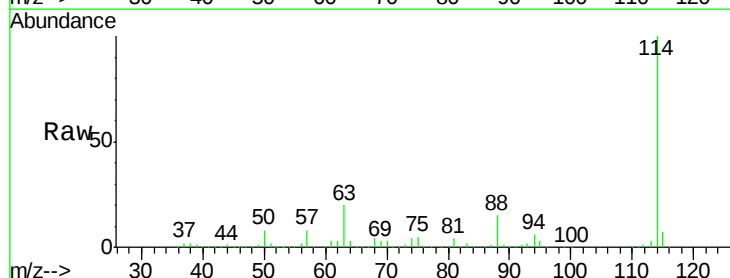
Tgt Ion: 114 Resp: 353431

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

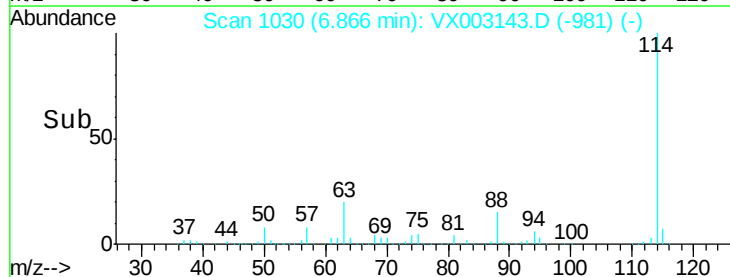
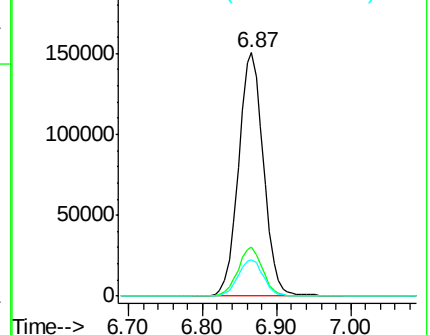
88 15.0 0.0 30.0

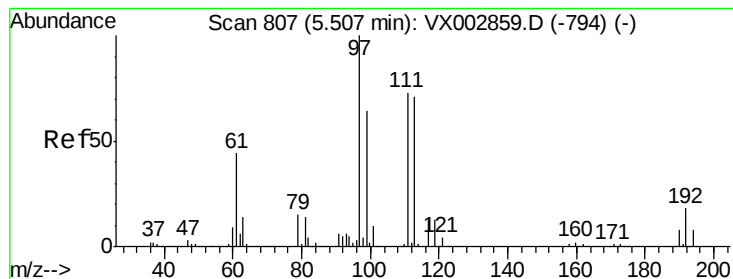


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.59 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS01

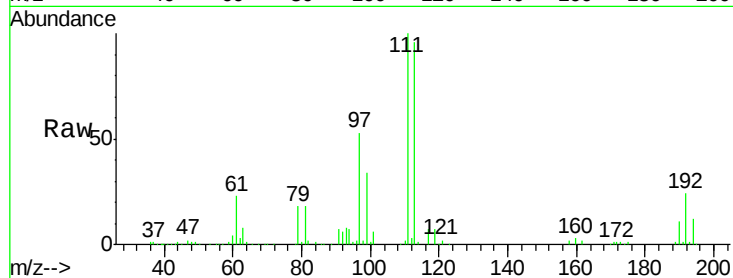
Tot Ion:113 Resp: 141591

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

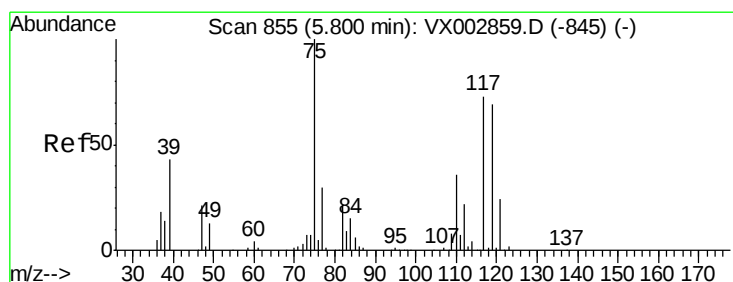
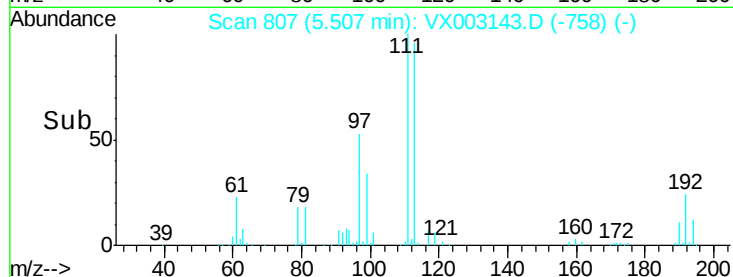
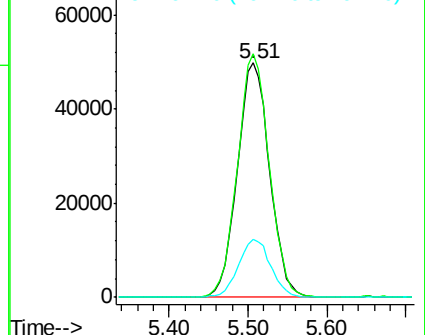
192 24.8 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.13 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

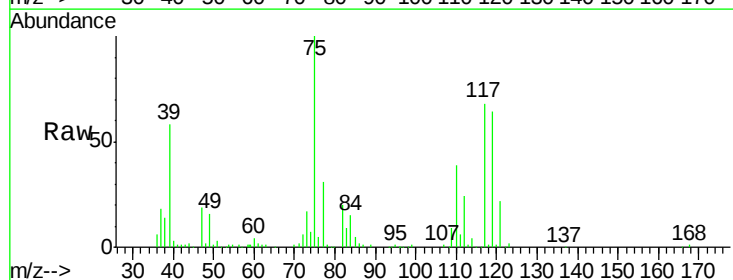
Tgt Ion: 75 Resp: 78012

Ion Ratio Lower Upper

75 100

110 38.5 18.1 54.4

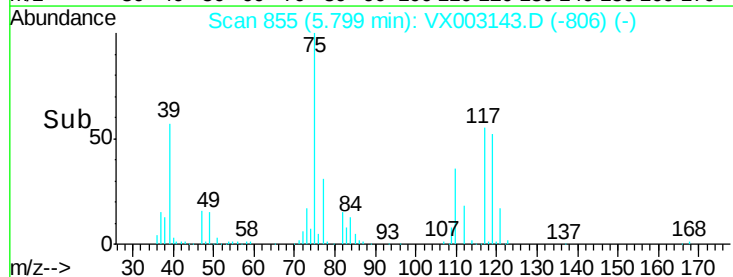
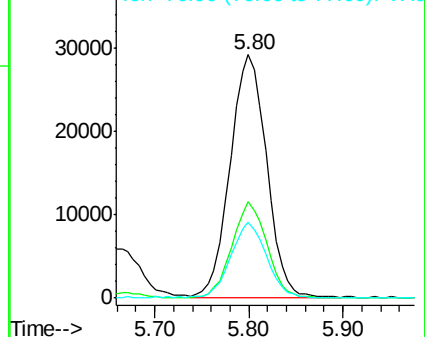
77 31.0 24.3 36.5

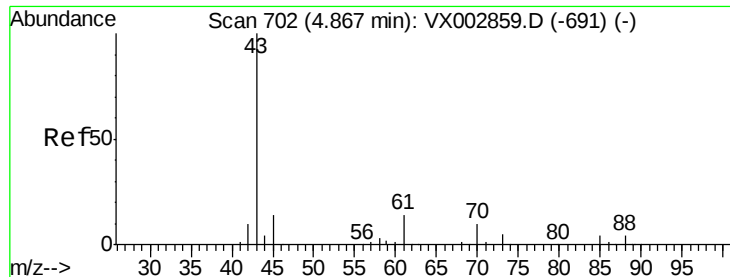


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

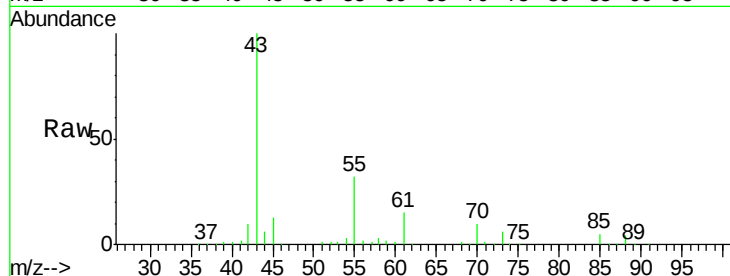




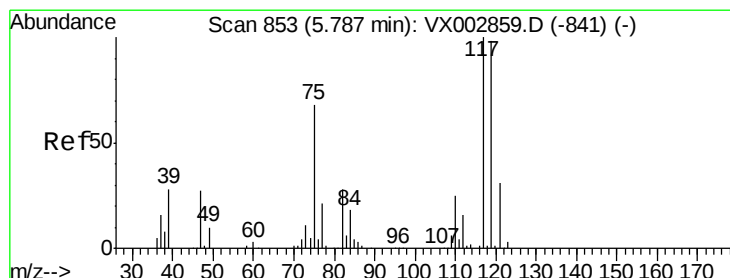
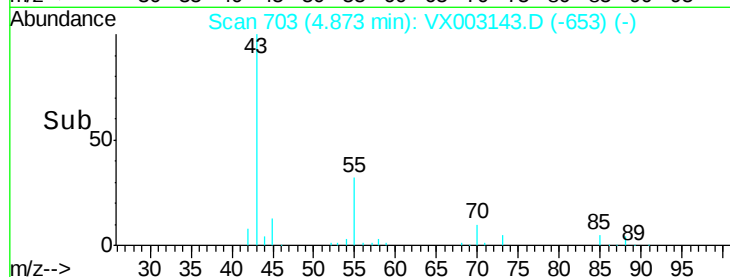
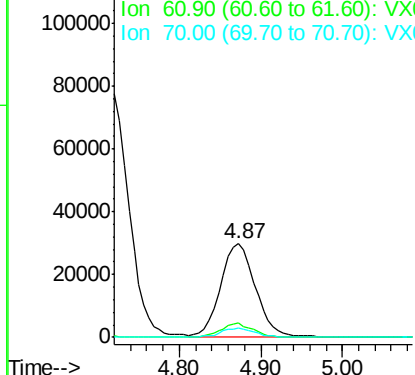
#37
Ethyl Acetate
Concen: 20.95 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Instrument :
MSVOA_X
ClientSampled :
VX0703WBS01

Tot Ion: 43 Resp: 87431
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 9.8 7.6 11.4

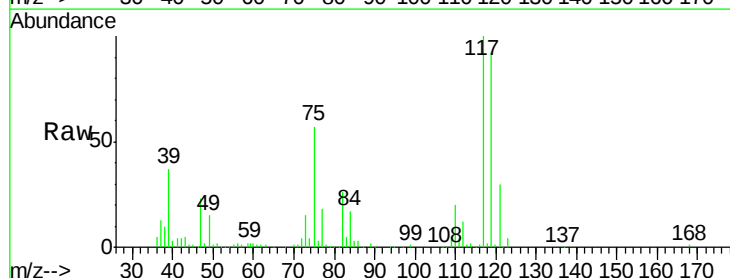


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

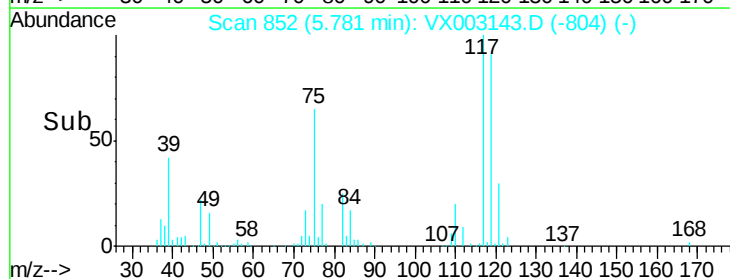
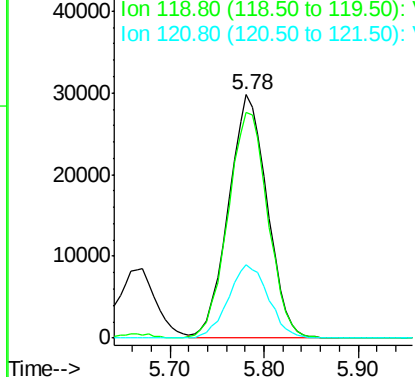


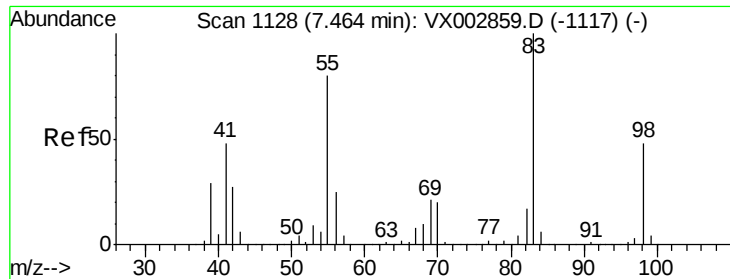
#38
Carbon Tetrachloride
Concen: 19.98 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 117 Resp: 84978
Ion Ratio Lower Upper
117 100
119 92.5 77.4 116.0
121 30.3 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

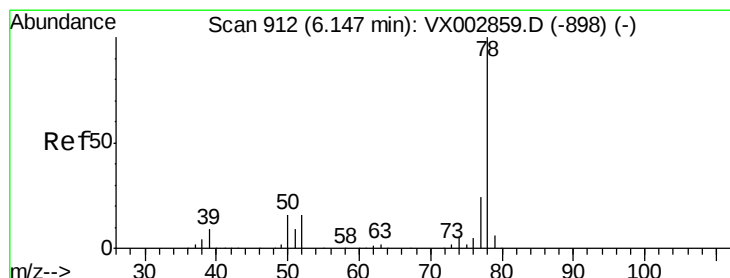
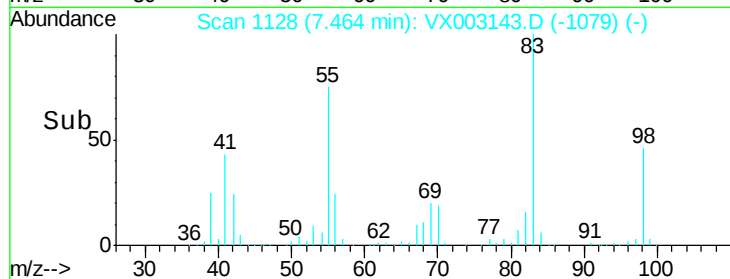
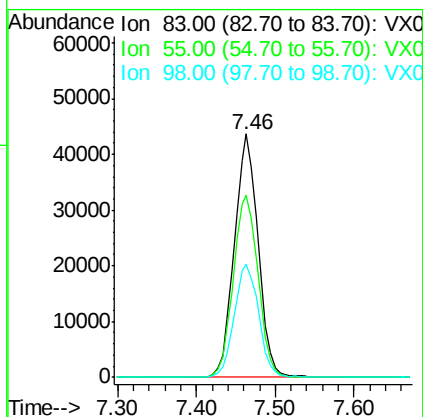
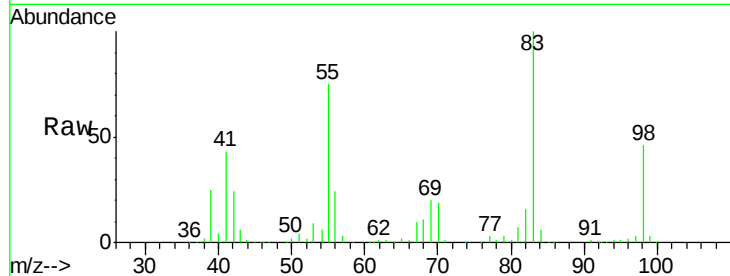




#39
Methvlcvclohexane
Concen: 20.24 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

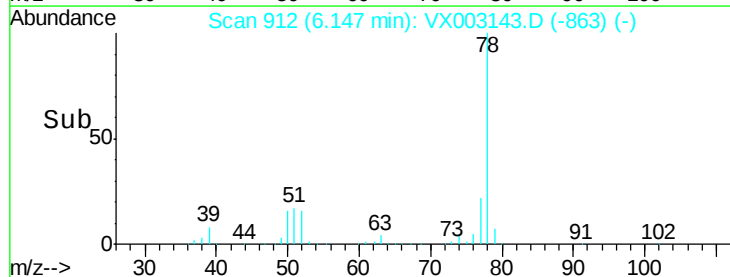
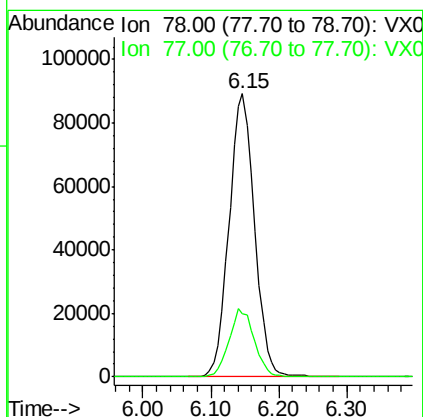
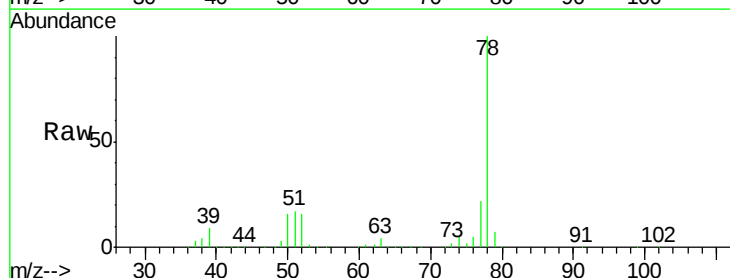
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

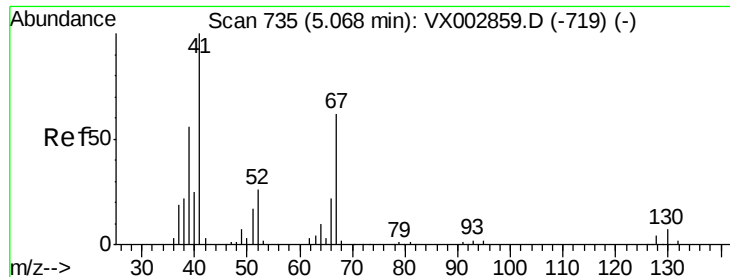
Tot Ion	83	Resp	91396
Ion Ratio	Lower	Upper	
83	100		
55	75.1	65.4	98.0
98	46.3	37.4	56.0



#40
Benzene
Concen: 20.55 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion	78	Resp	231368
Ion Ratio	Lower	Upper	
78	100		
77	22.3	19.1	28.7

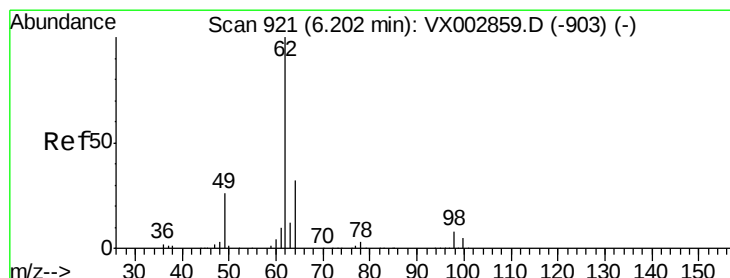
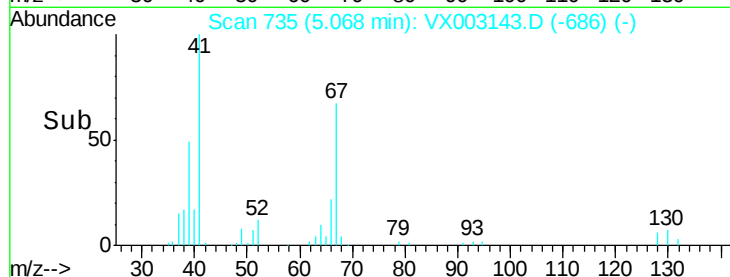
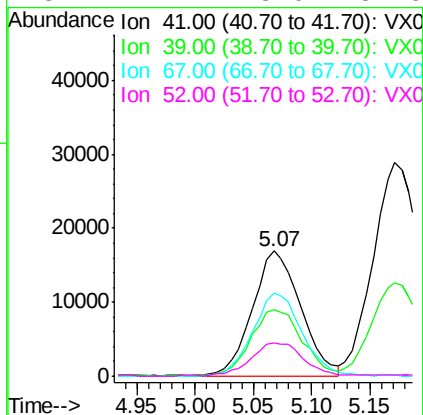
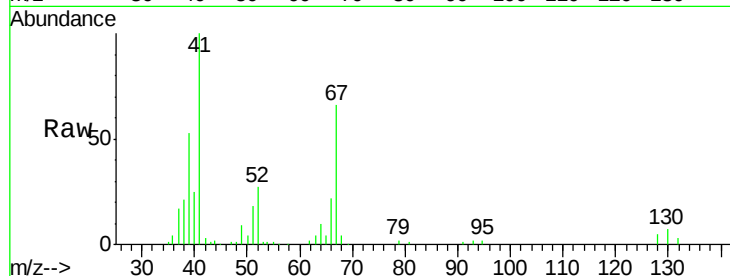




#41
Methacrylonitrile
Concen: 20.50 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

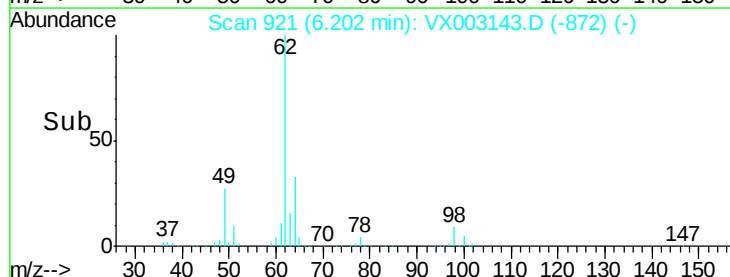
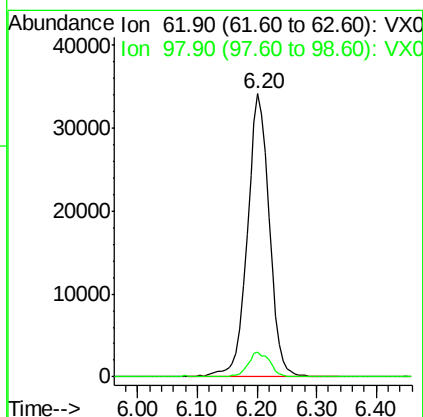
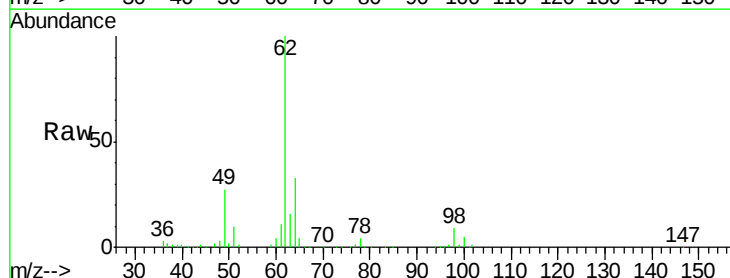
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

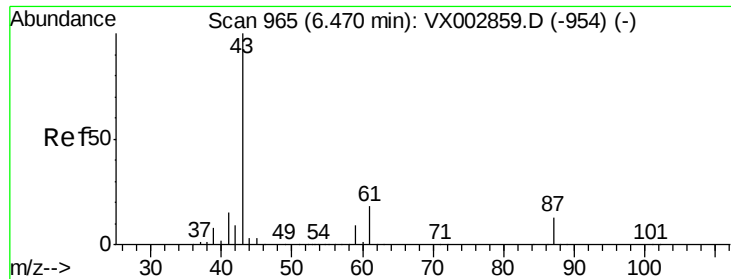
Tot Ion:	41	Resp:	49256
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.8	68.6
67	67.5	51.3	76.9
52	27.7	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.20 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion:	62	Resp:	87348
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.6



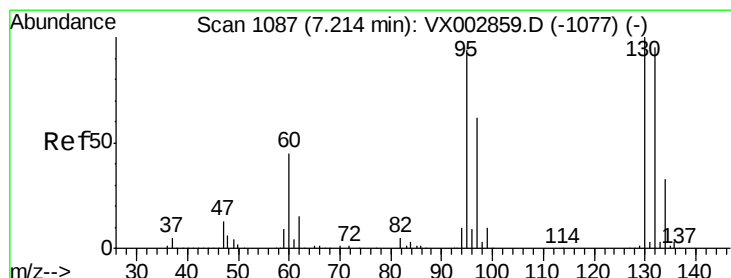
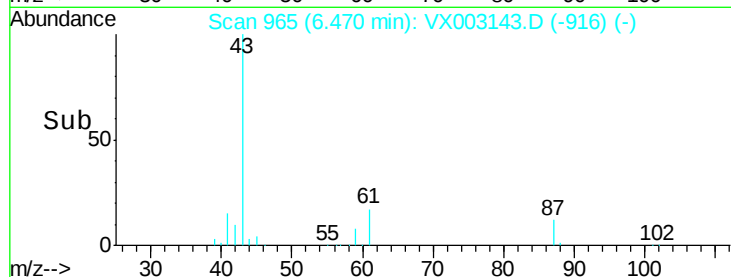
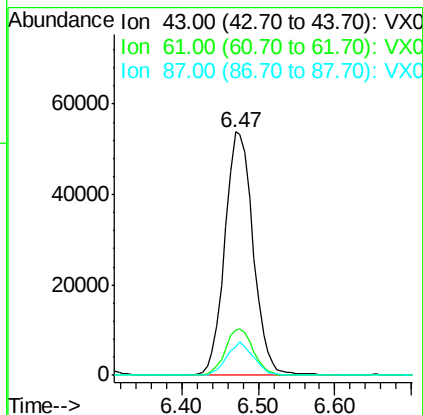
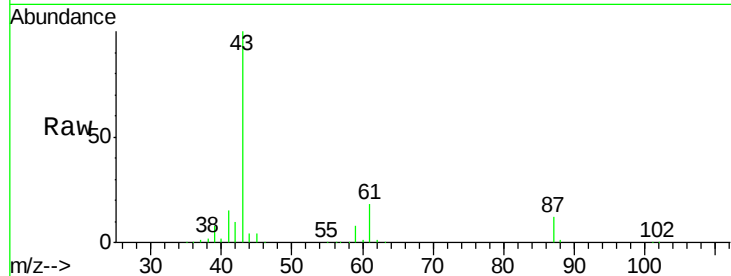


#43

Isopropyl Acetate
 Concen: 19.62 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS01

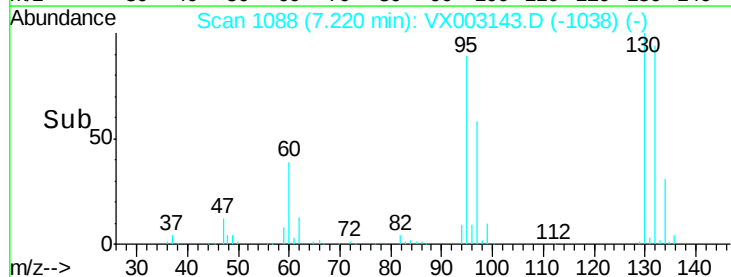
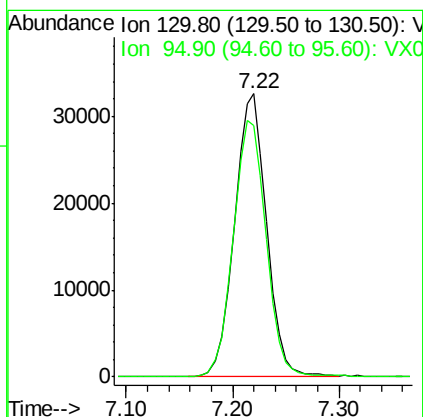
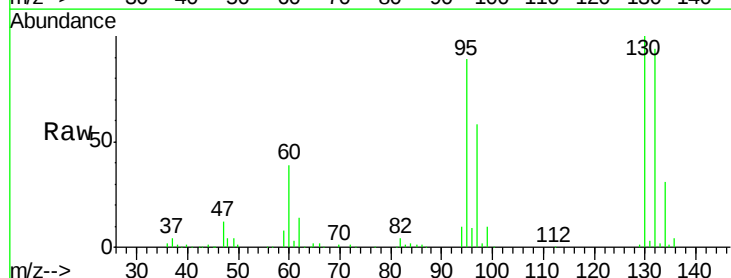
Tot Ion: 43 Resp: 137299
 Ion Ratio Lower Upper
 43 100
 61 19.0 14.4 21.6
 87 13.1 9.5 14.3

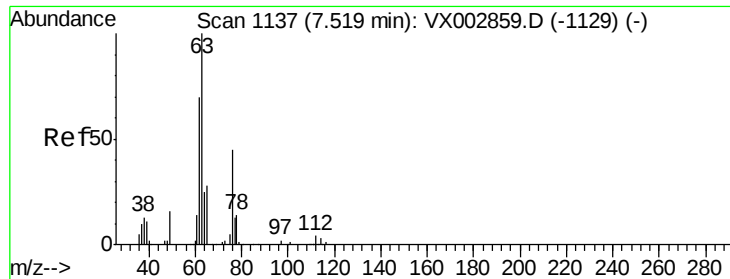


#44

Trichloroethene
 Concen: 20.49 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Tgt Ion:130 Resp: 68803
 Ion Ratio Lower Upper
 130 100
 95 89.0 0.0 185.4

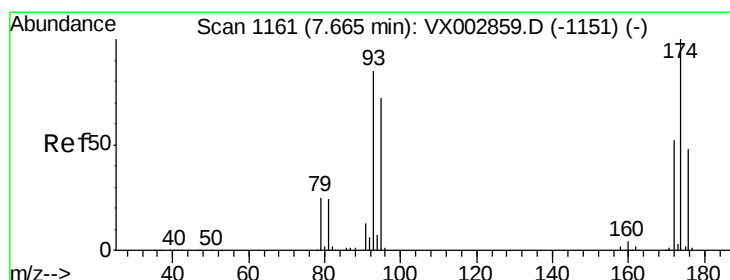
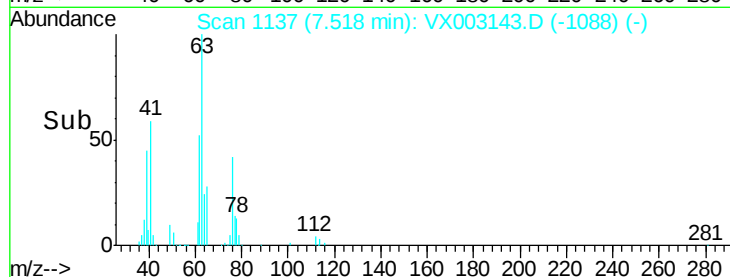
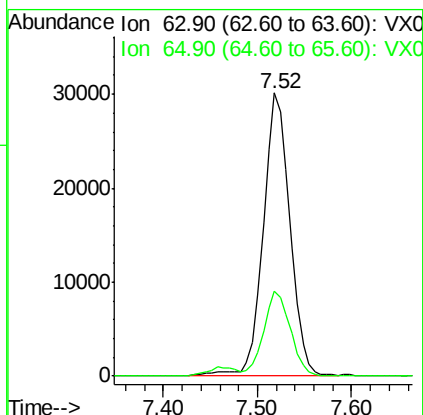
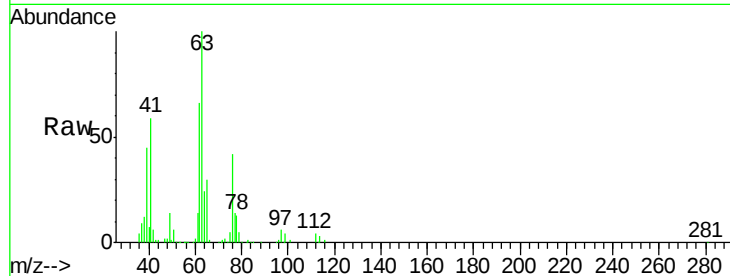




#45
 1,2-Dichloropropane
 Concen: 20.20 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

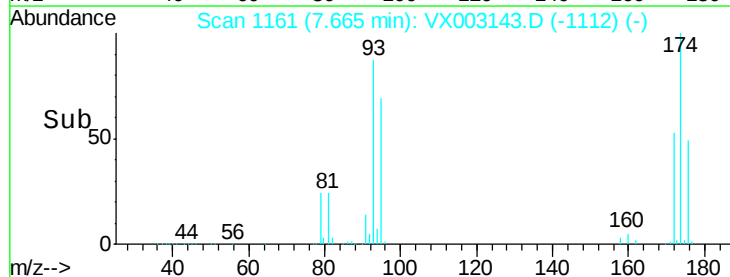
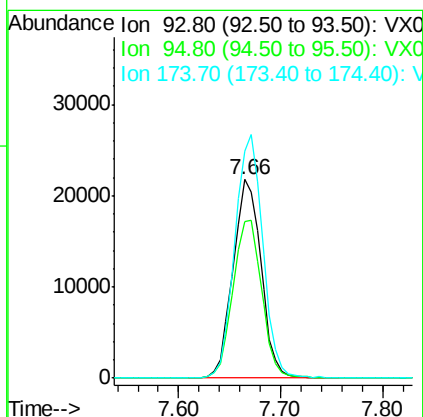
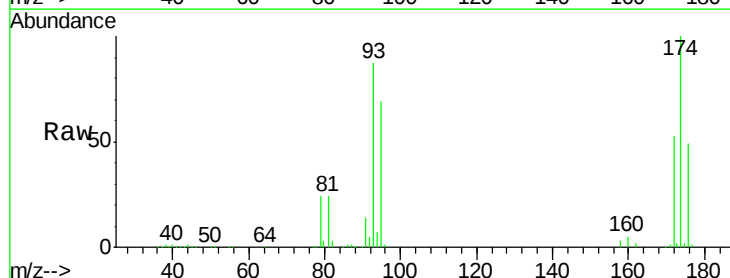
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS01

Tot Ion: 63 Resp: 60328
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.7 37.1



#46
 Dibromomethane
 Concen: 19.99 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Tgt Ion: 93 Resp: 41442
 Ion Ratio Lower Upper
 93 100
 95 81.5 65.9 98.9
 174 121.9 92.4 138.6





#47

Bromodichloromethane

Concen: 19.84 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS01

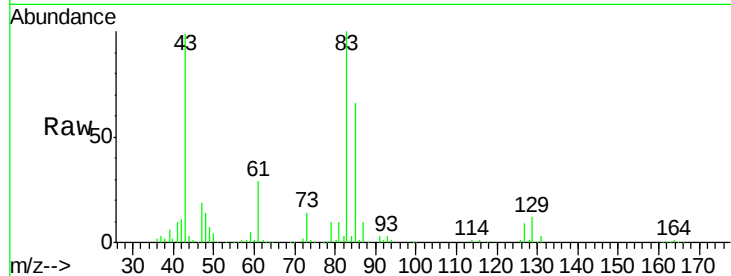
Tot Ion: 83 Resp: 76038

Ion Ratio Lower Upper

83 100

85 65.8 50.3 75.5

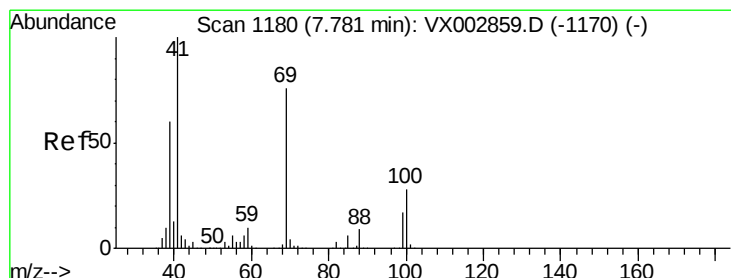
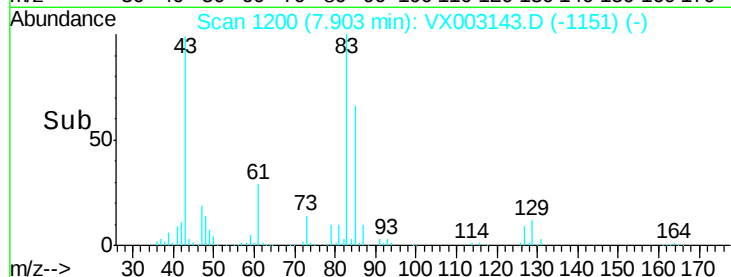
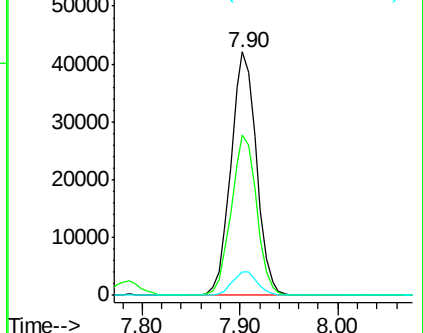
127 9.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.21 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

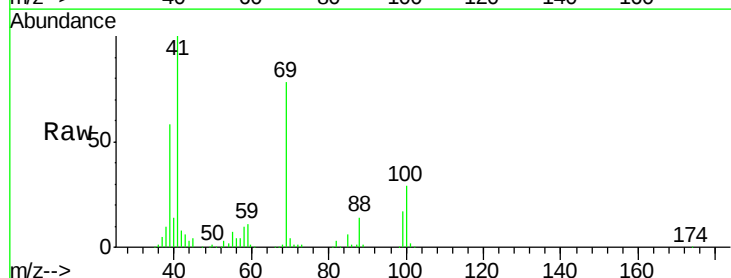
Tgt Ion: 41 Resp: 69290

Ion Ratio Lower Upper

41 100

69 79.7 59.1 88.7

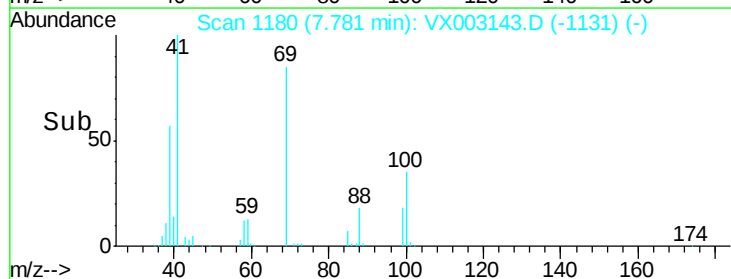
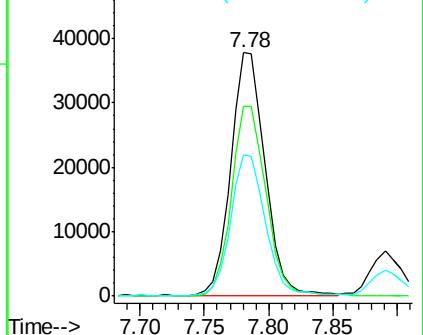
39 59.1 48.9 73.3

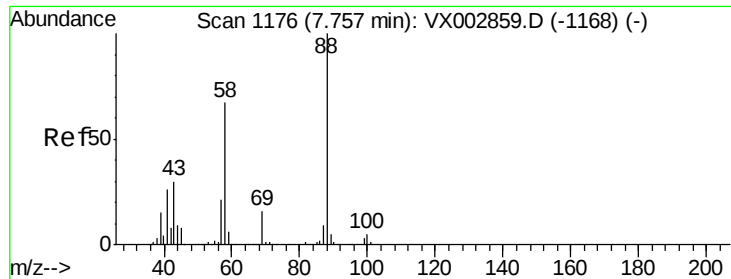


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

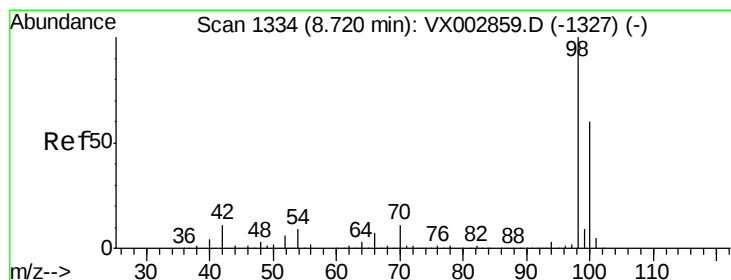
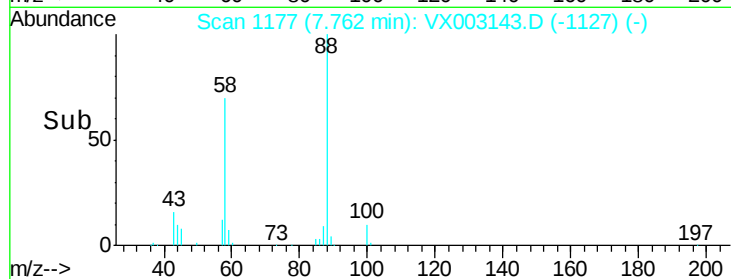
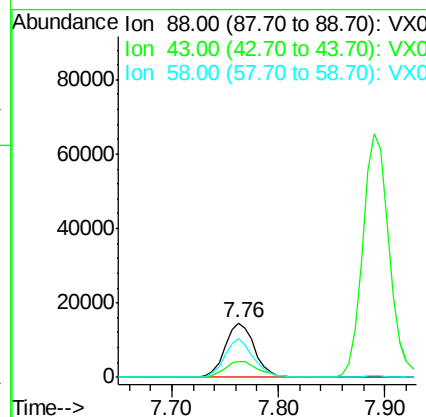
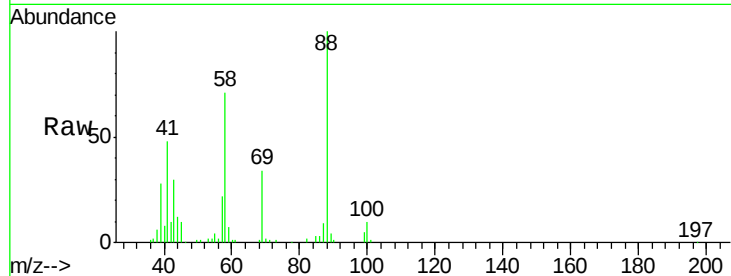




#49
1,4-Dioxane
Concen: 401.49 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

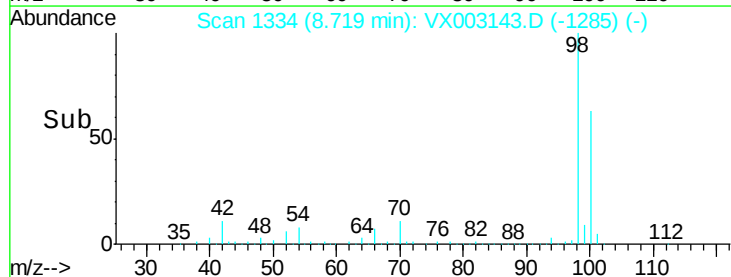
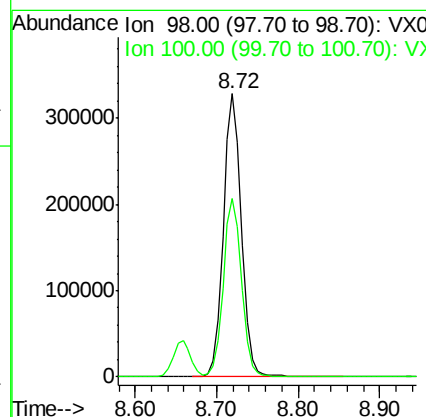
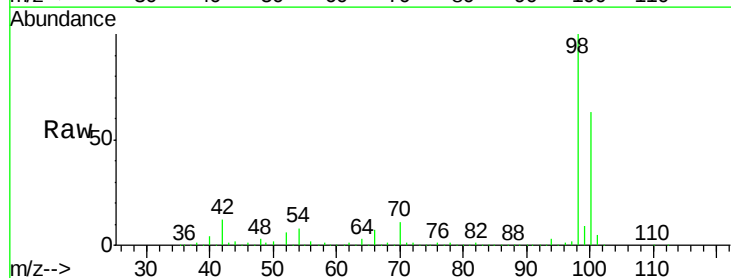
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

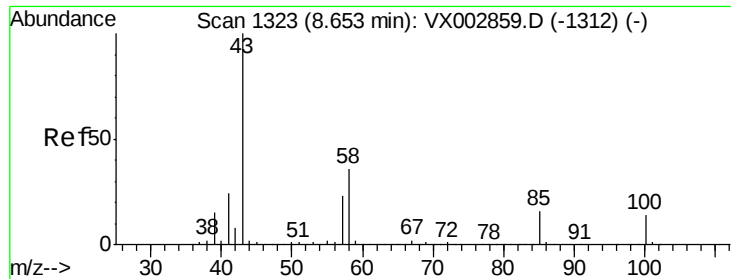
Tot Ion: 88 Resp: 28169
Ion Ratio Lower Upper
88 100
43 33.2 29.8 44.6
58 70.4 57.1 85.7



#50
Toluene-d8
Concen: 49.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 98 Resp: 504732
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 100.53 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

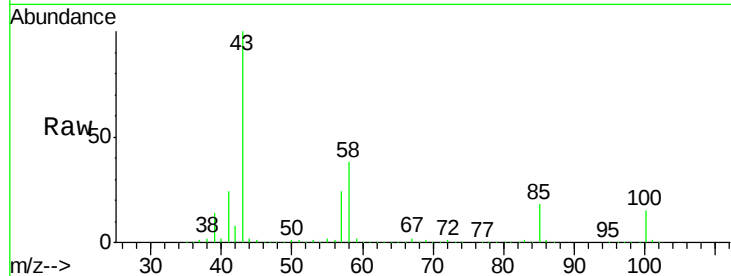
VX0703WBS01

Tot Ion: 43 Resp: 440215

Ion Ratio Lower Upper

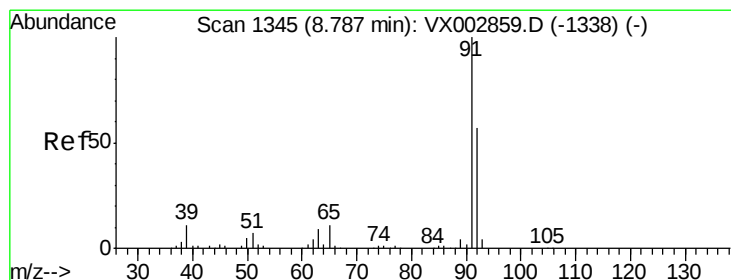
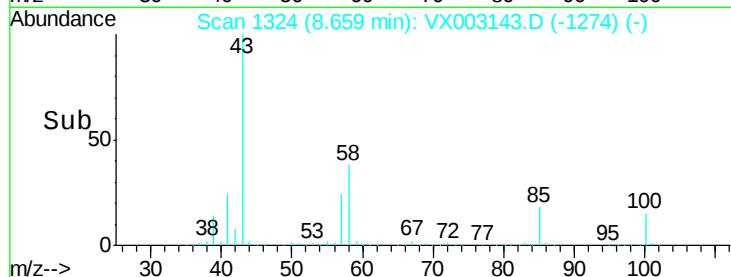
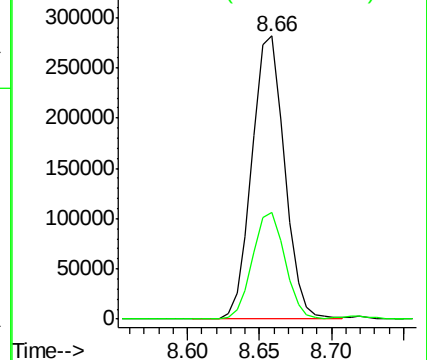
43 100

58 37.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.51 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003143.D

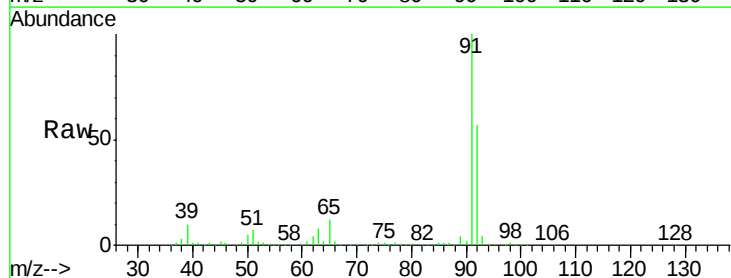
Acq: 03 Jul 2018 12:31

Tgt Ion: 92 Resp: 147934

Ion Ratio Lower Upper

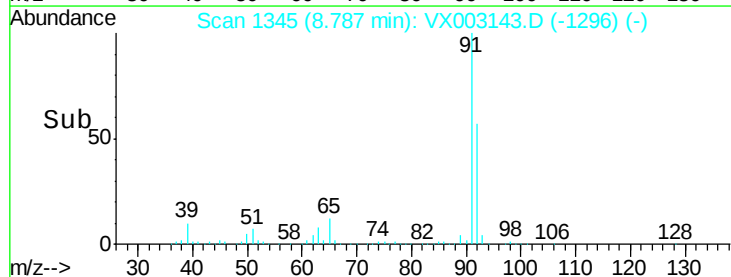
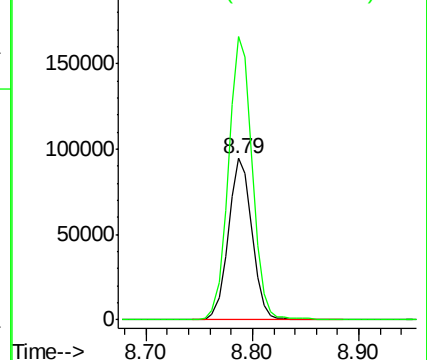
92 100

91 175.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.32 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

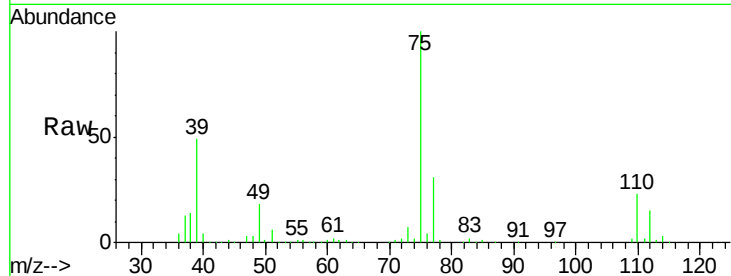
VX0703WBS01

Tot Ion: 75 Resp: 88184

Ion Ratio Lower Upper

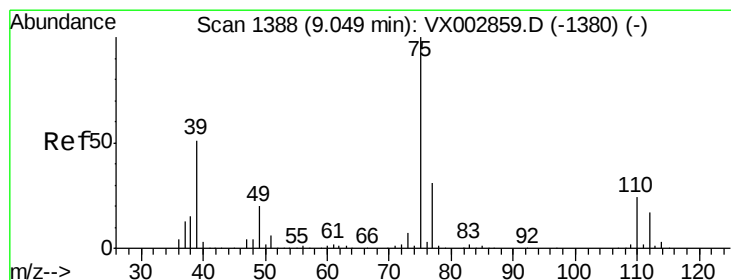
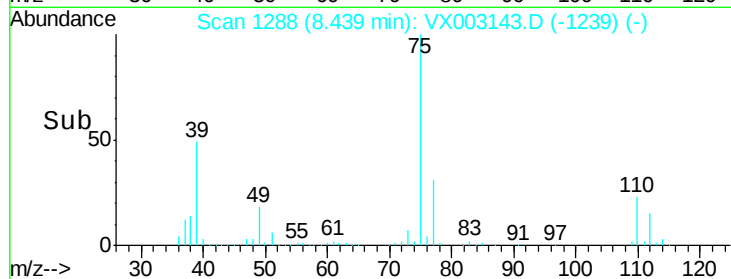
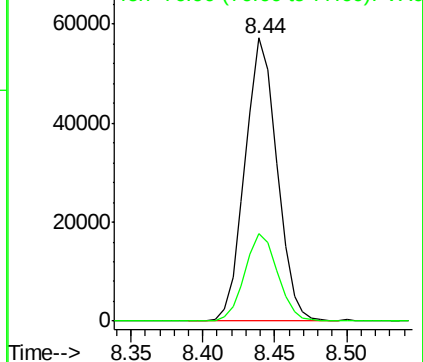
75 100

77 30.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.22 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

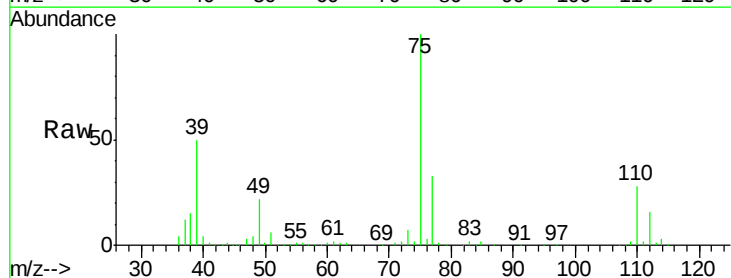
Tgt Ion: 75 Resp: 80275

Ion Ratio Lower Upper

75 100

77 32.5 24.8 37.2

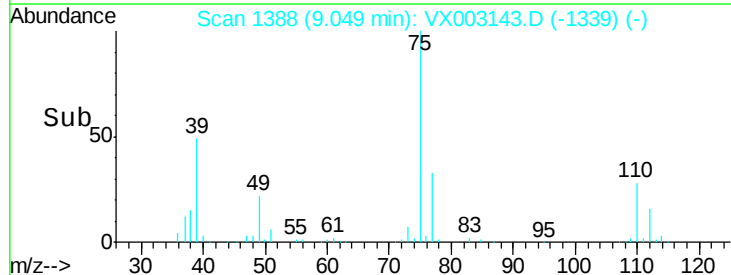
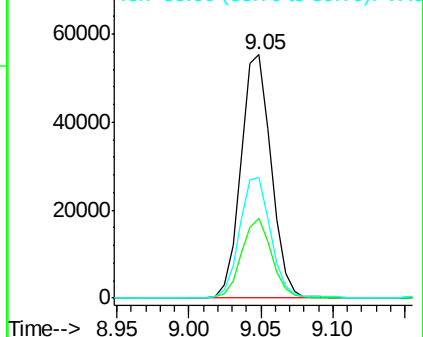
39 49.5 42.4 63.6

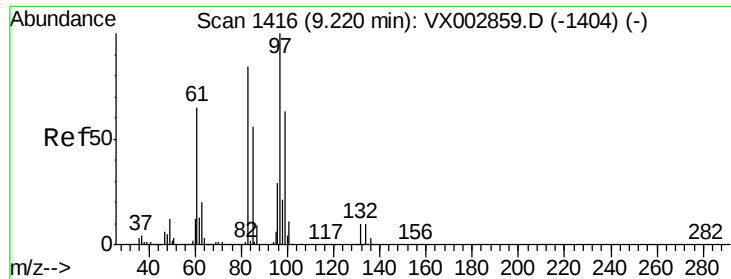


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

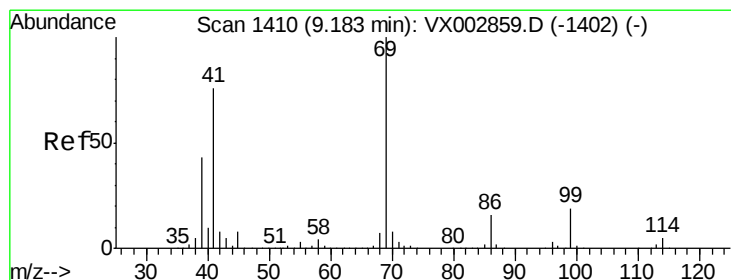
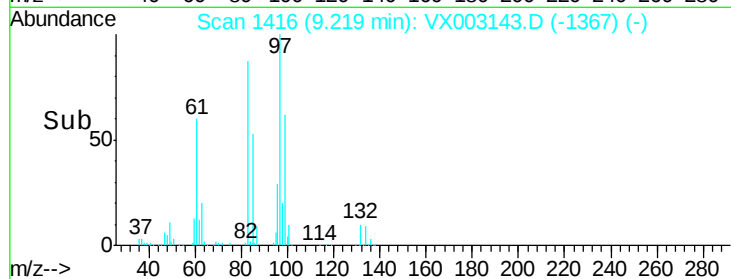
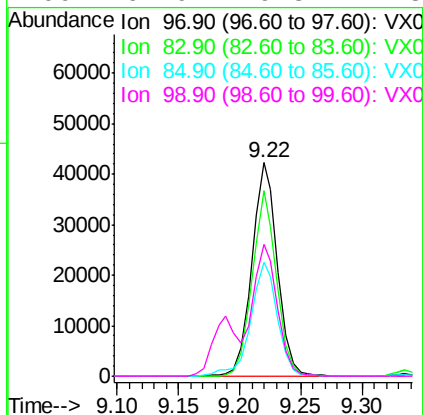
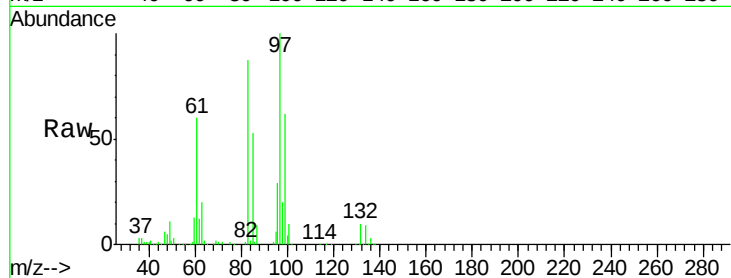




#55
 1,1,2-Trichloroethane
 Concen: 20.66 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

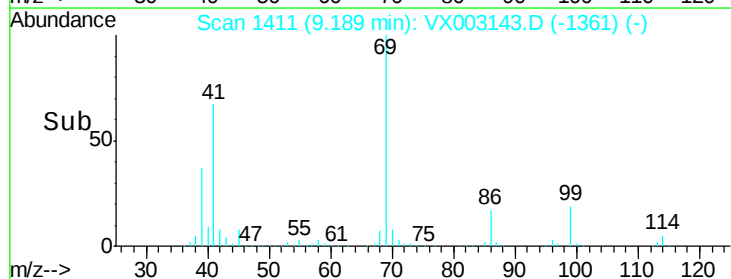
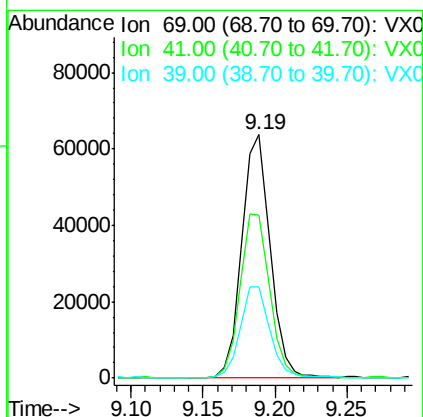
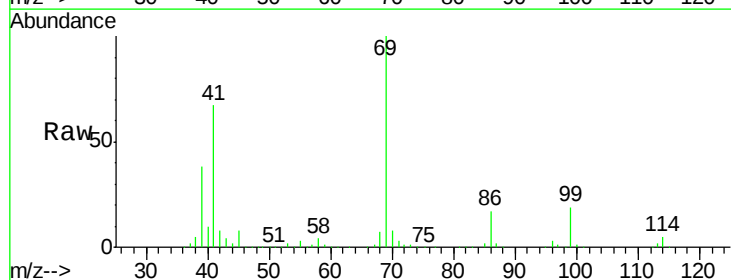
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS01

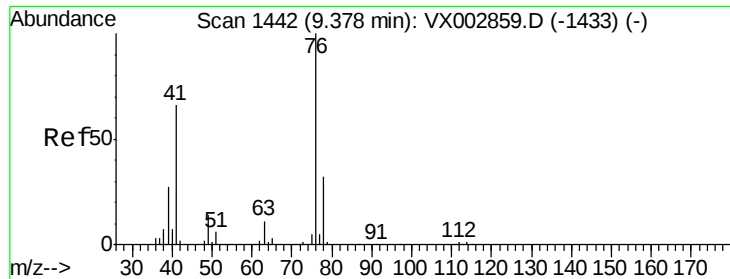
Tot Ion:	97	Resp:	61239
Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.2	105.2
85	53.3	44.9	67.3
99	61.9	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 20.13 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Tgt Ion:	69	Resp:	87221
Ion	Ratio	Lower	Upper
69	100		
41	70.4	60.3	90.5
39	39.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.98 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

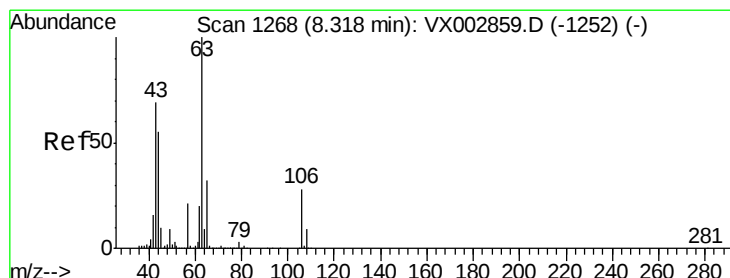
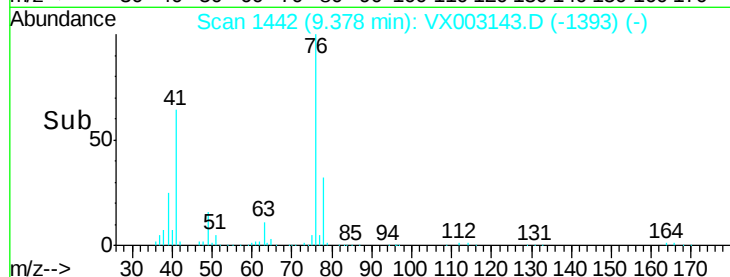
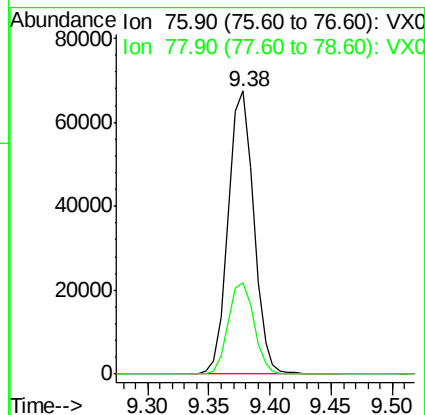
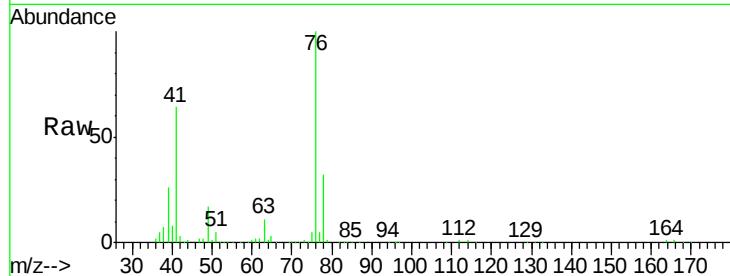
VX0703WBS01

Tot Ion: 76 Resp: 97284

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.67 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003143.D

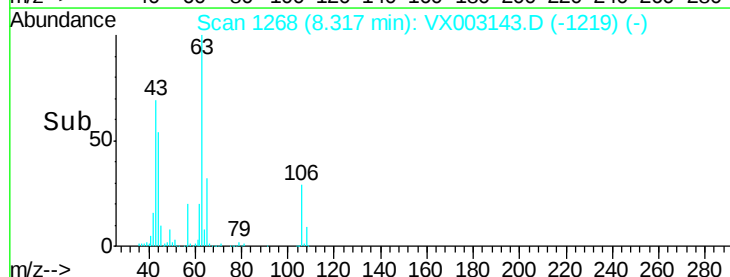
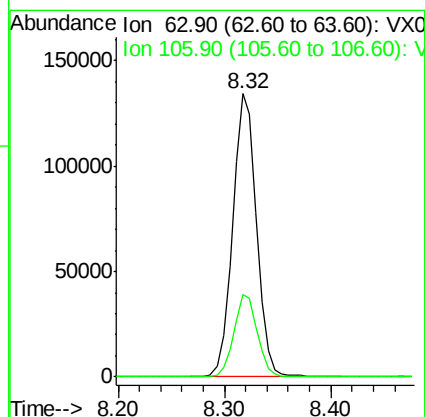
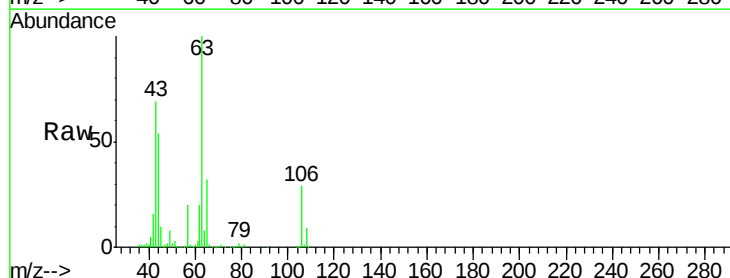
Acq: 03 Jul 2018 12:31

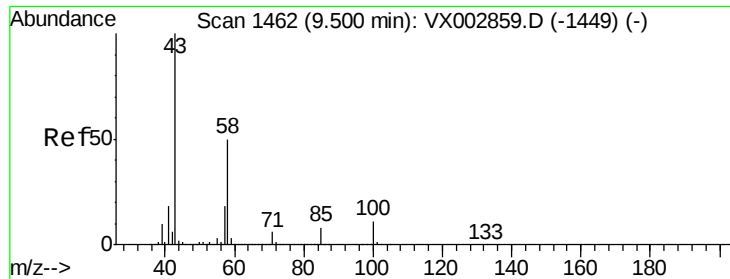
Tgt Ion: 63 Resp: 210424

Ion Ratio Lower Upper

63 100

106 28.8 21.8 32.8

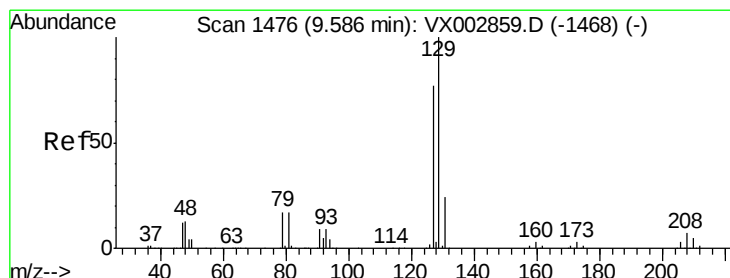
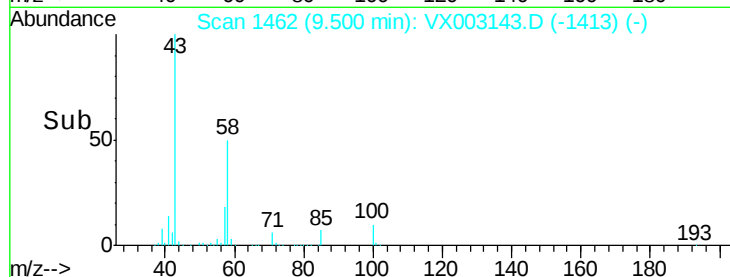
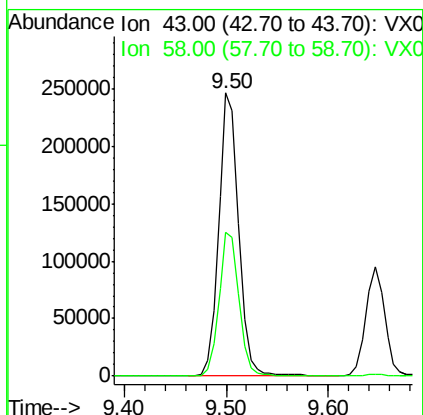
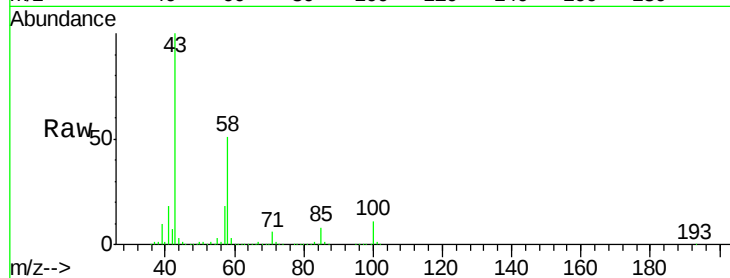




#59
2-Hexanone
Concen: 101.23 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

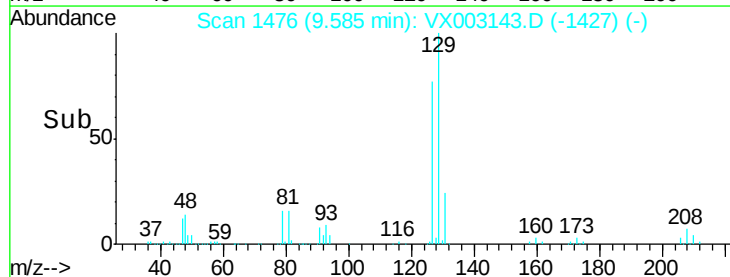
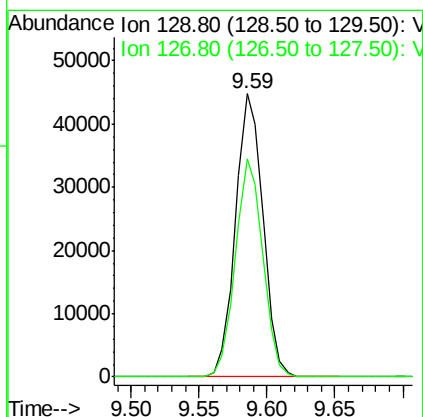
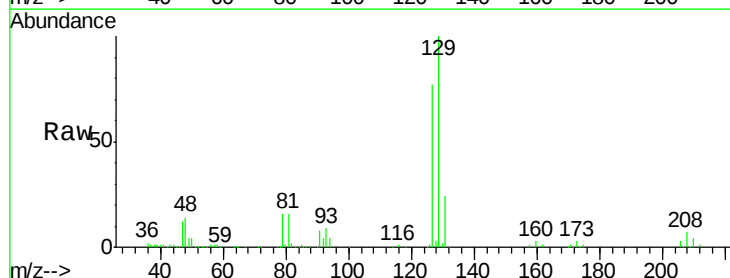
Instrument :
MSVOA_X
ClientSampled :
VX0703WBS01

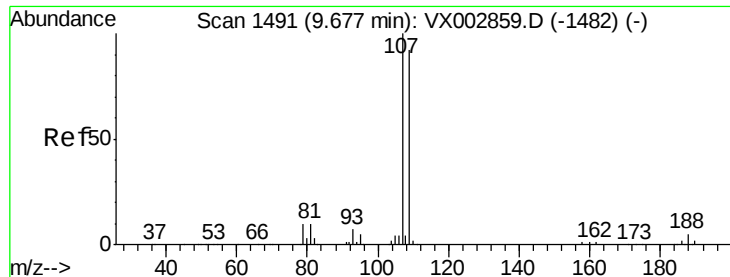
Tot Ion: 43 Resp: 336880
Ion Ratio Lower Upper
43 100
58 51.3 24.6 73.6



#60
Dibromochloromethane
Concen: 20.17 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion:129 Resp: 62960
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.57 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

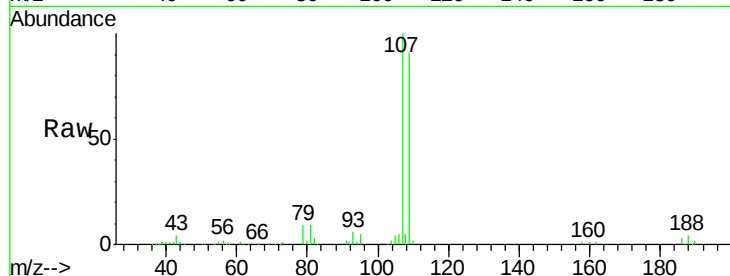
VX0703WBS01

Tot Ion:107 Resp: 63957

Ion Ratio Lower Upper

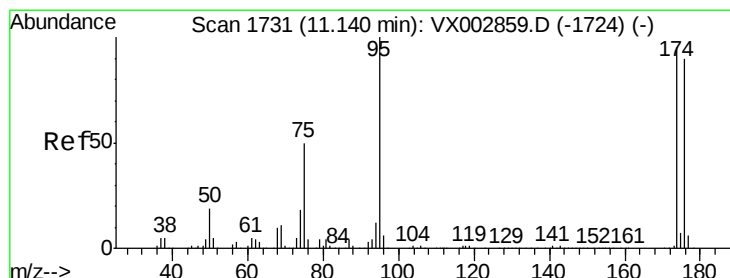
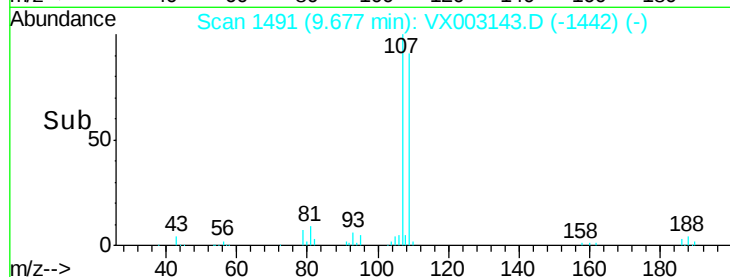
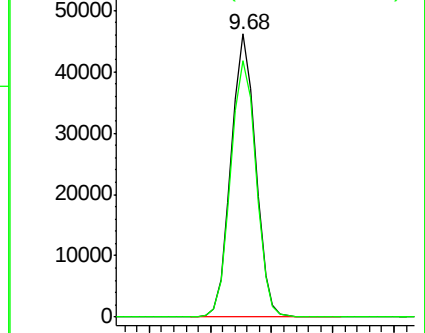
107 100

109 93.8 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

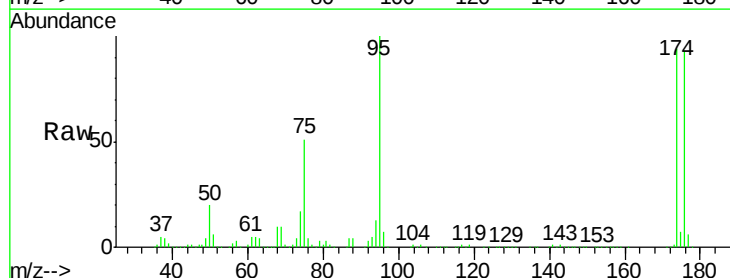
Tgt Ion: 95 Resp: 190118

Ion Ratio Lower Upper

95 100

174 97.1 0.0 187.4

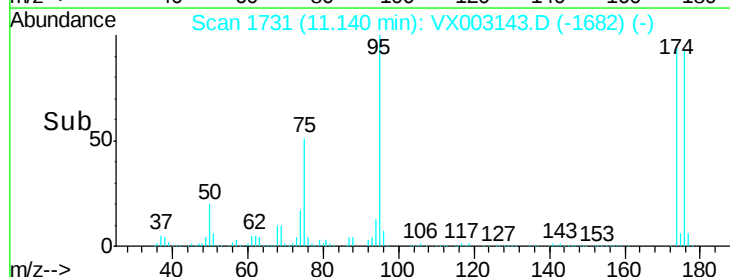
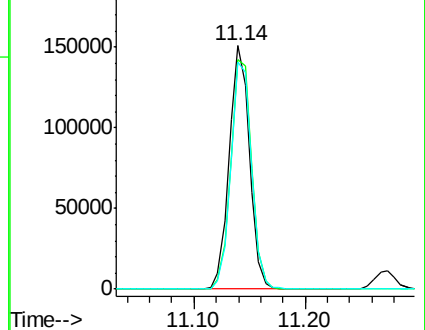
176 95.0 0.0 181.0

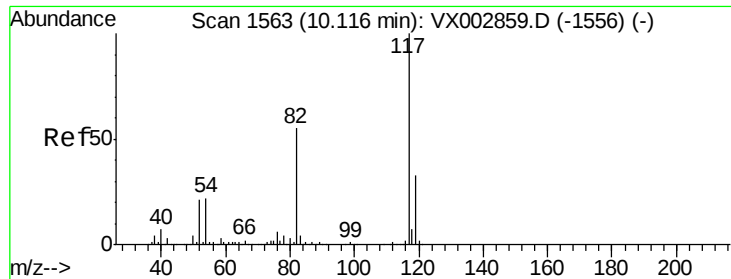


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

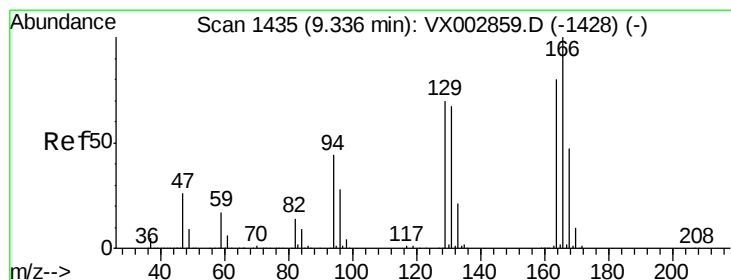
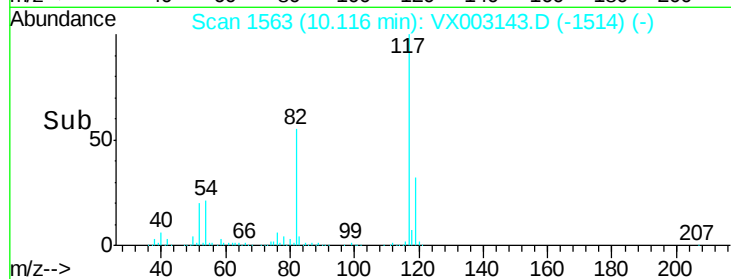
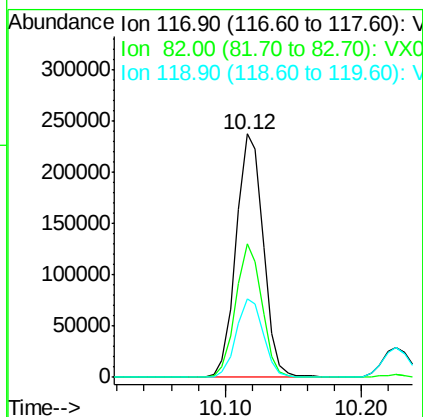
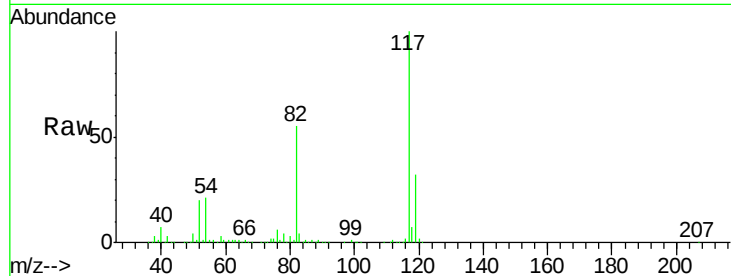




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

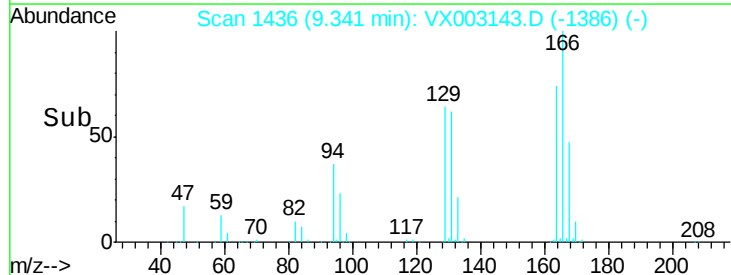
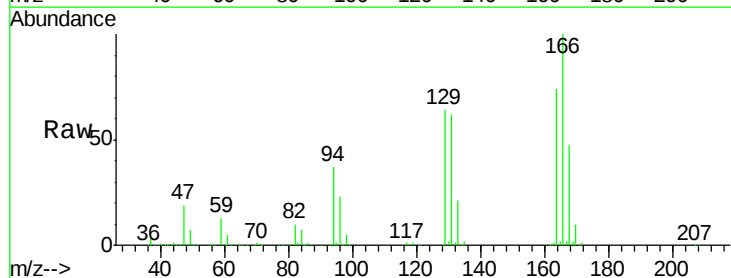
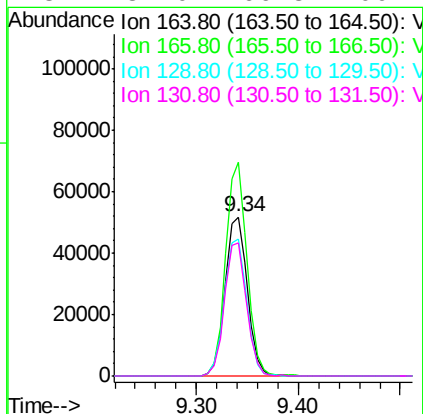
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Tot Ion:117 Resp: 329821
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 21.25 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion:164 Resp: 77944
Ion Ratio Lower Upper
164 100
166 134.5 102.9 154.3
129 86.2 68.6 102.8
131 84.0 66.8 100.2

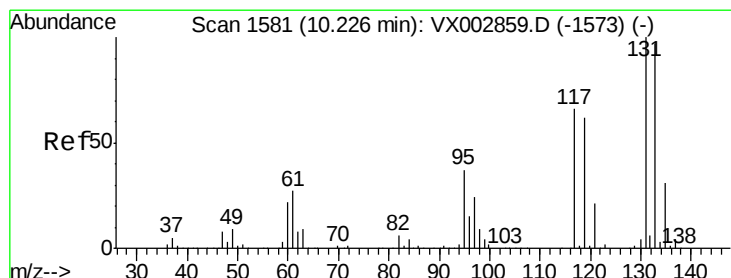
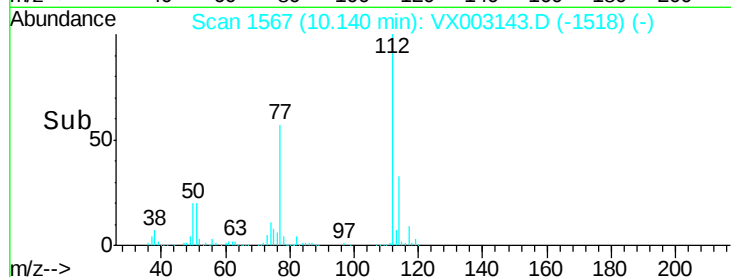
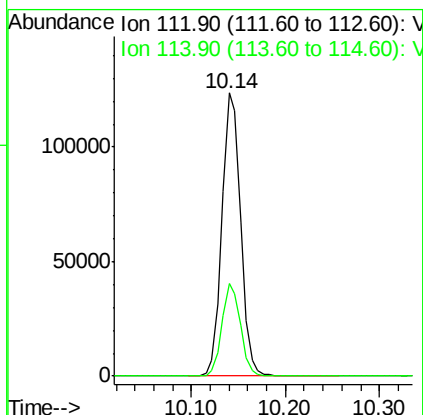
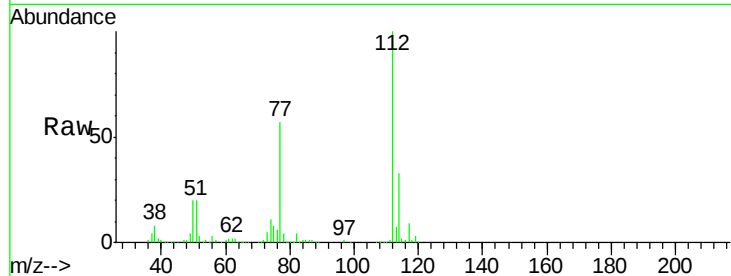




#65
Chlorobenzene
Concen: 20.32 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

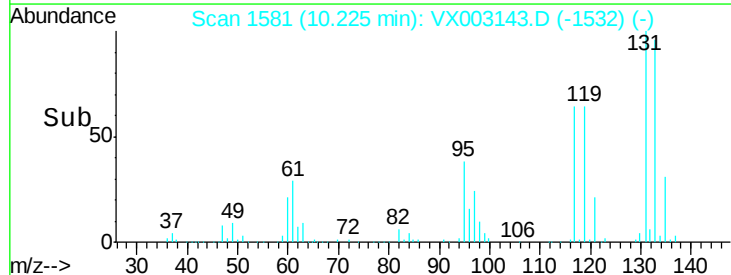
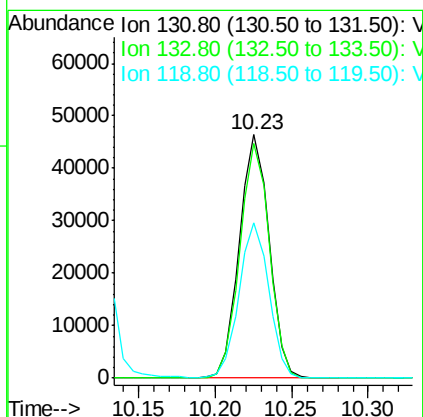
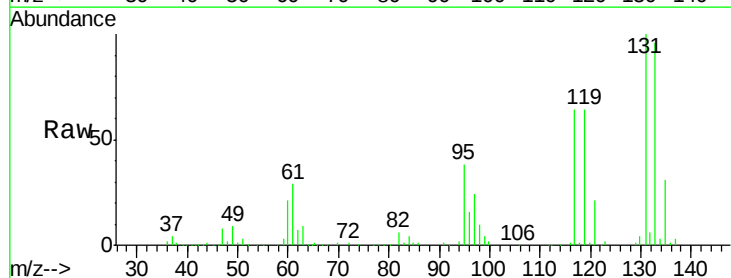
Instrument :
MSVOA_X
ClientSampled :
VX0703WBS01

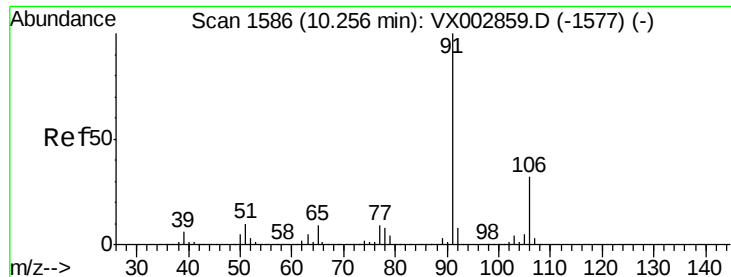
Tot Ion:112 Resp: 170269
Ion Ratio Lower Upper
112 100
114 32.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.62 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion:131 Resp: 62751
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 64.3 31.8 95.3

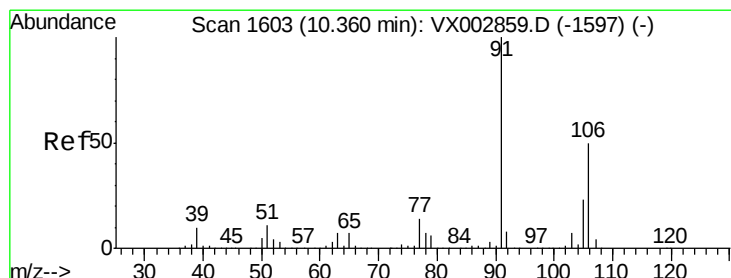
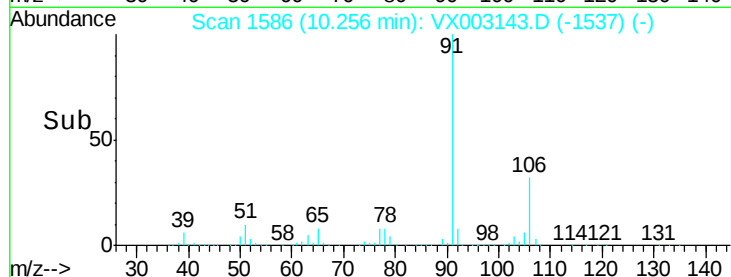
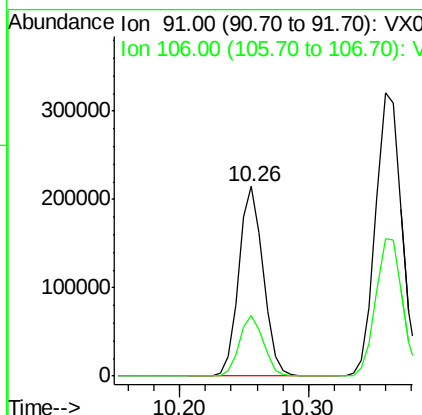
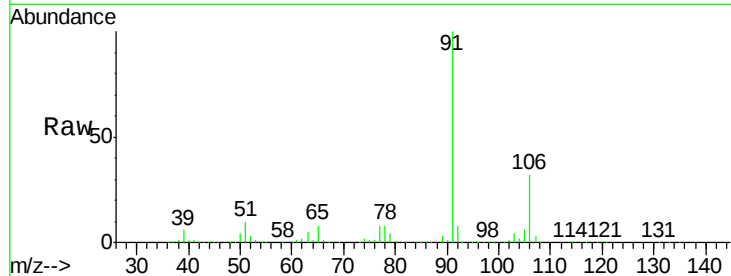




#67
Ethyl Benzene
Concen: 20.42 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

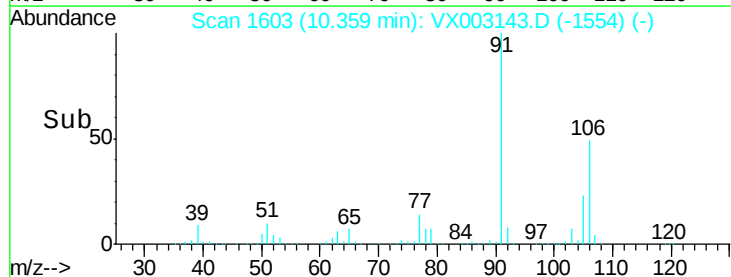
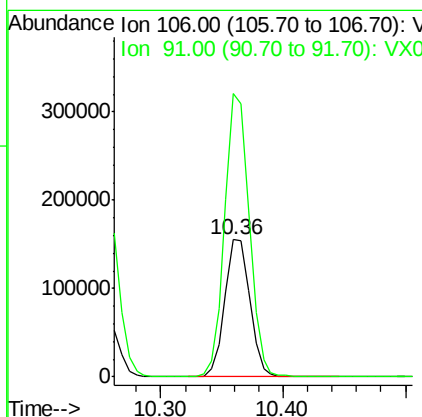
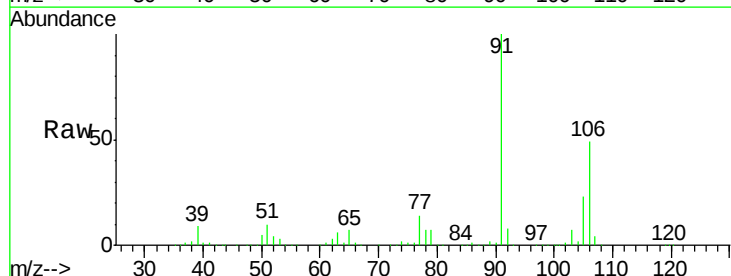
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

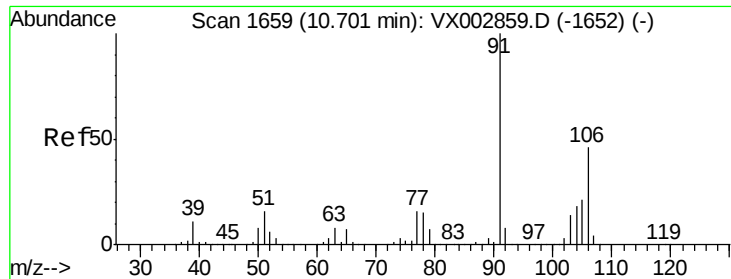
Tot Ion: 91 Resp: 282631
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3



#68
m/p-Xylenes
Concen: 41.37 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 106 Resp: 220626
Ion Ratio Lower Upper
106 100
91 203.3 163.4 245.2

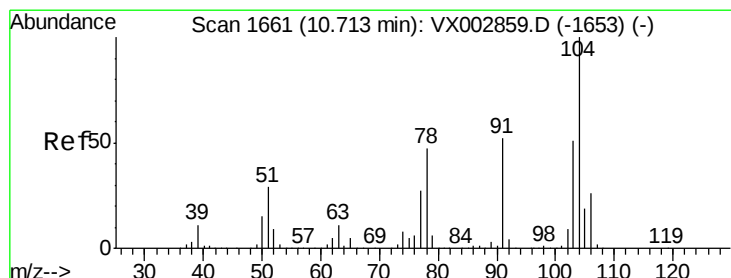
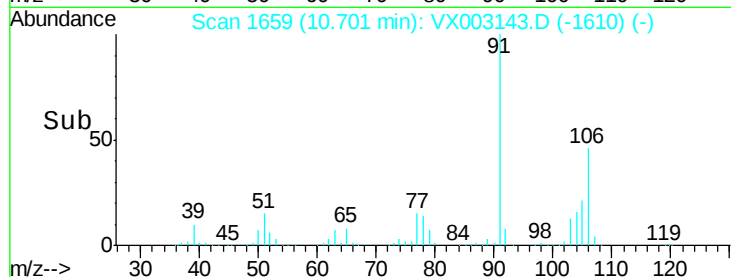
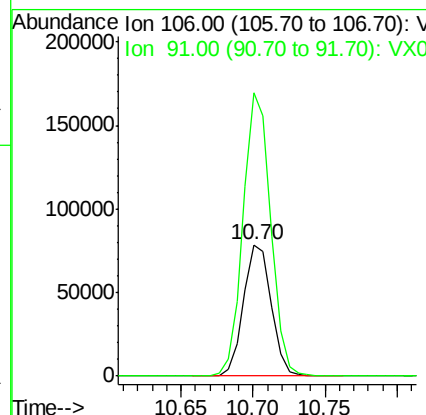
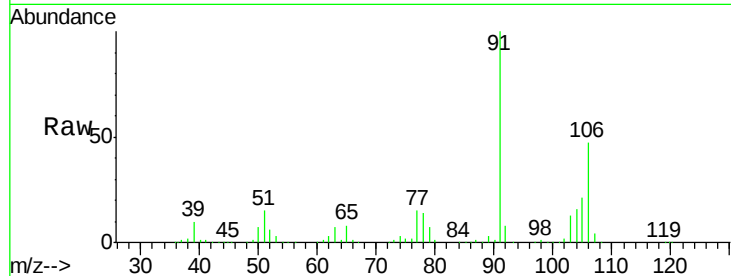




#69
o-Xylene
Concen: 20.36 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

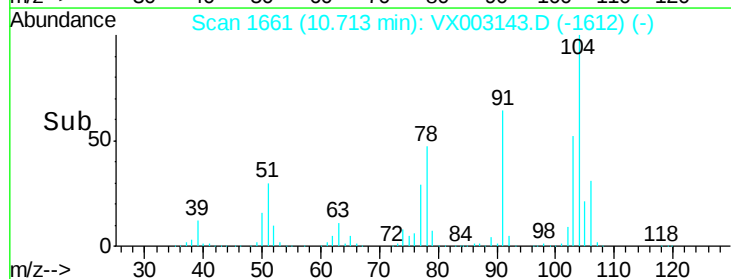
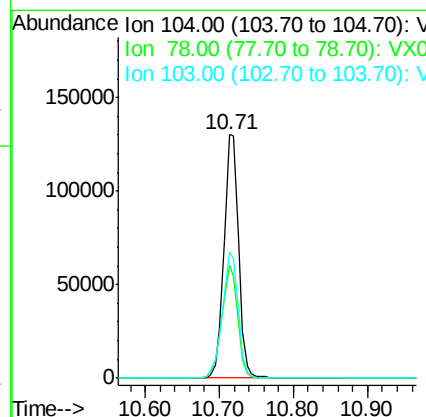
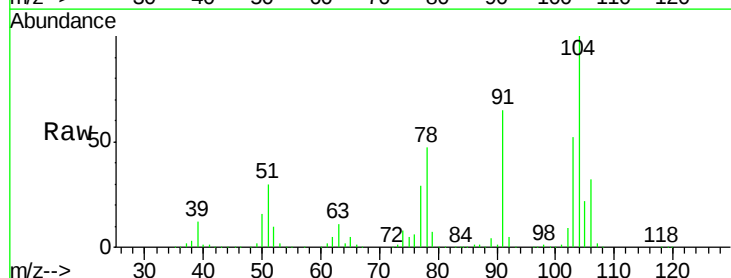
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Tot Ion:106 Resp: 105717
Ion Ratio Lower Upper
106 100
91 213.8 108.2 324.6



#70
Styrene
Concen: 20.90 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion:104 Resp: 176383
Ion Ratio Lower Upper
104 100
78 49.7 41.0 61.6
103 55.5 44.2 66.4

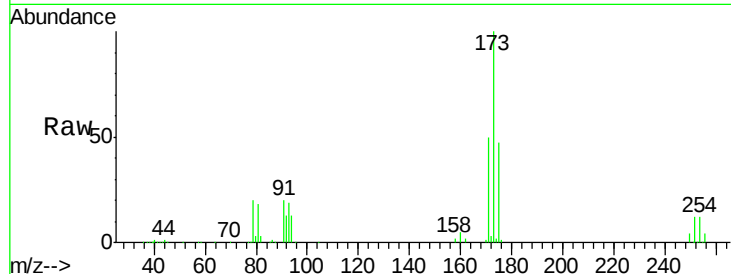




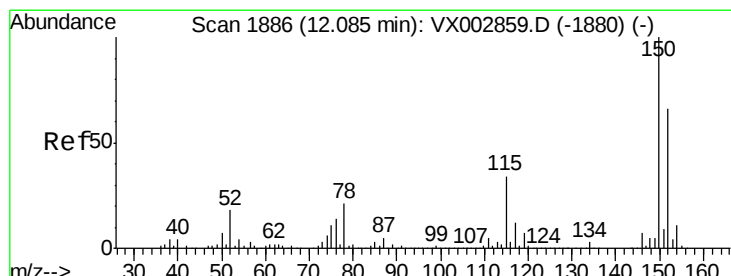
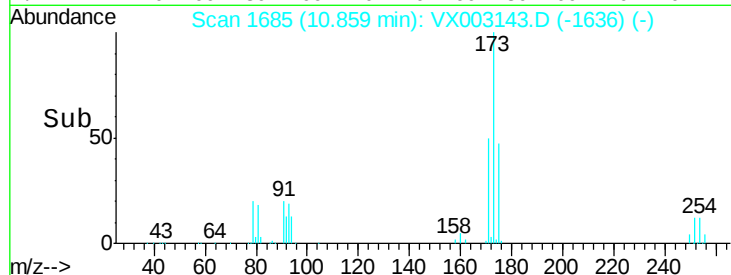
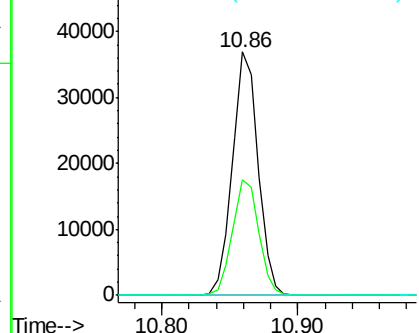
#71
Bromoform
Concen: 20.16 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Tot Ion:173 Resp: 48475
Ion Ratio Lower Upper
173 100
175 48.6 24.7 74.1
254 0.1 0.2 0.2#

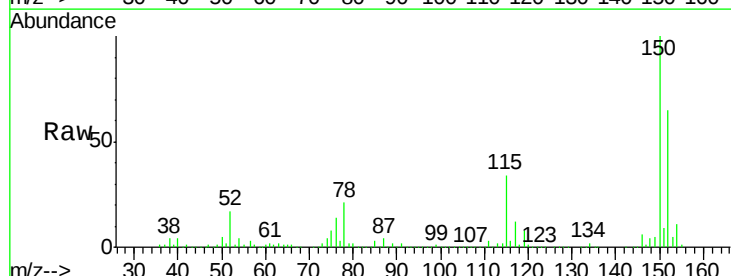


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

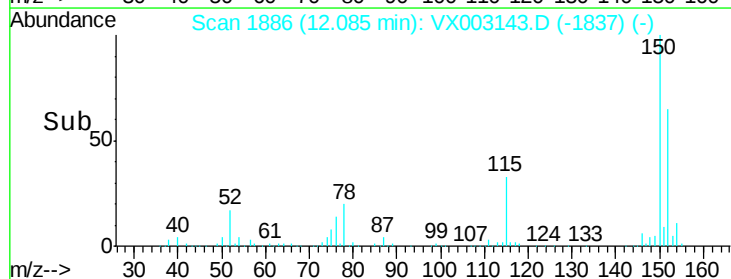
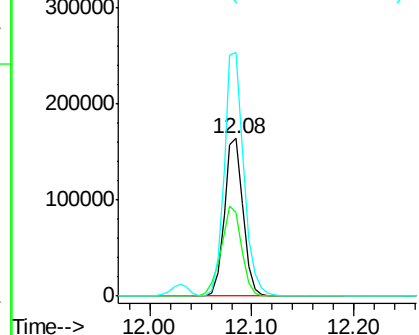


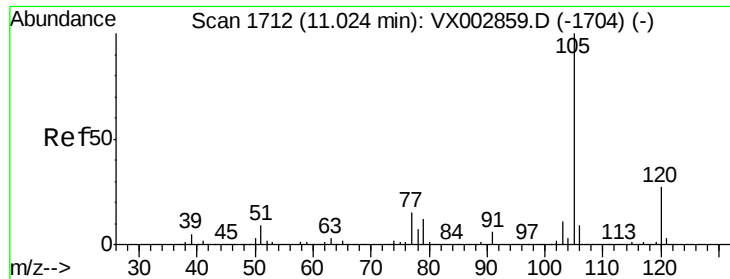
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion:152 Resp: 208294
Ion Ratio Lower Upper
152 100
115 63.1 40.1 120.2
150 162.9 0.0 347.2



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





#73

Isopropylbenzene

Concen: 20.77 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

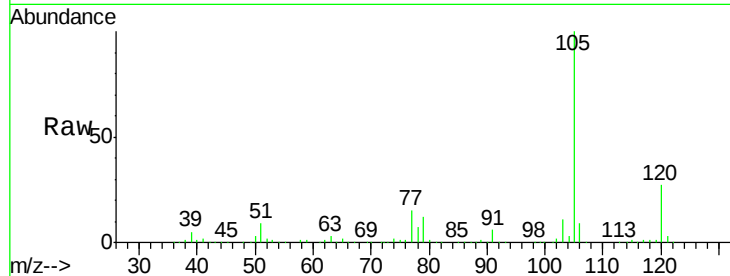
VX0703WBS01

Tot Ion:105 Resp: 290981

Ion Ratio Lower Upper

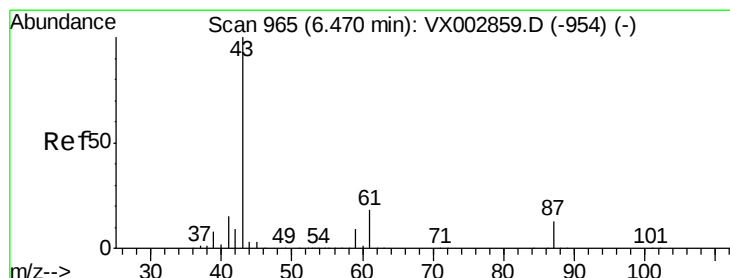
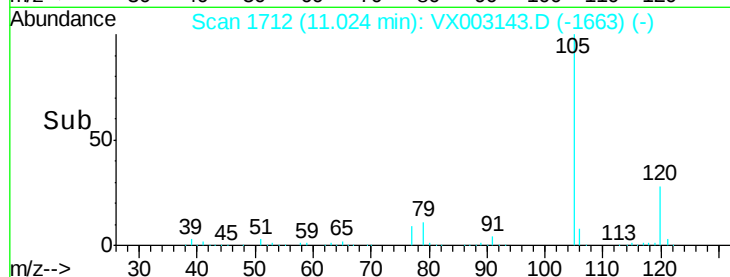
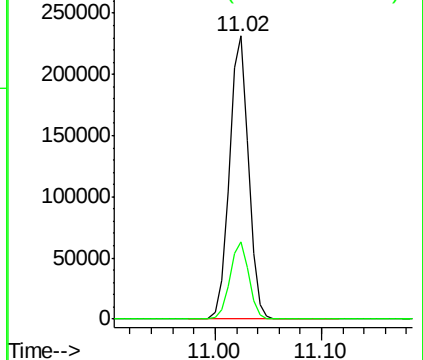
105 100

120 27.2 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: 20.03 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Tgt Ion: 43 Resp: 137299

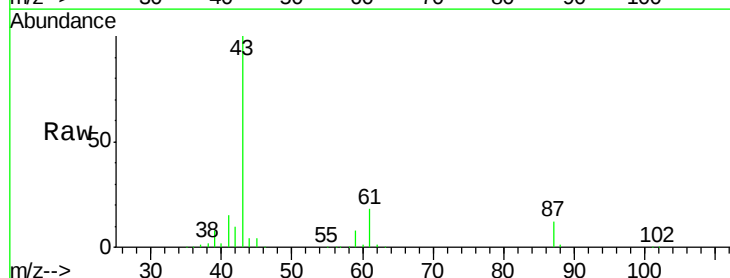
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.0 14.4 21.6

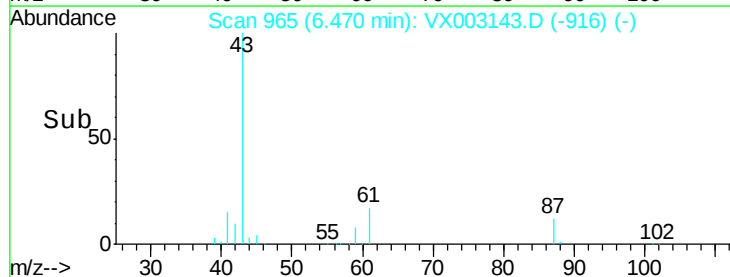
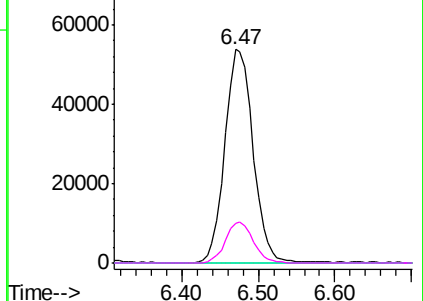


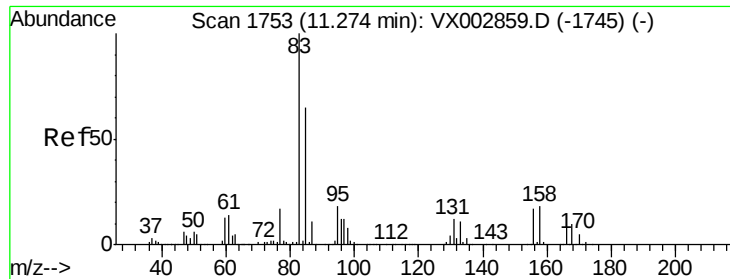
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.64 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS01

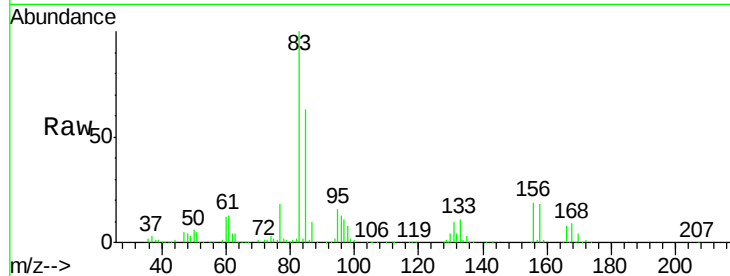
Tot Ion: 83 Resp: 89083

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

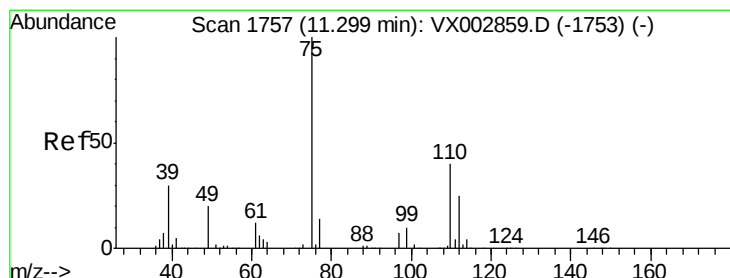
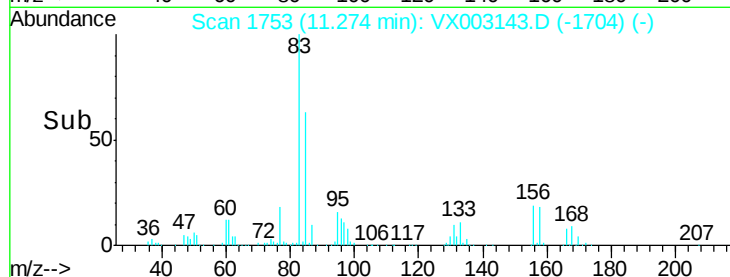
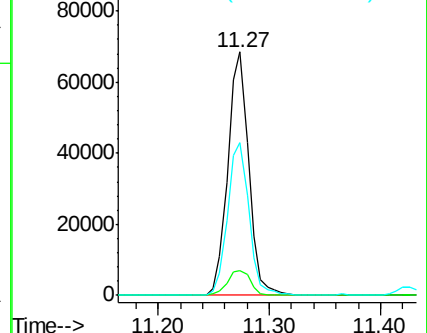
85 64.5 32.4 97.2



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: 26.36 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003143.D

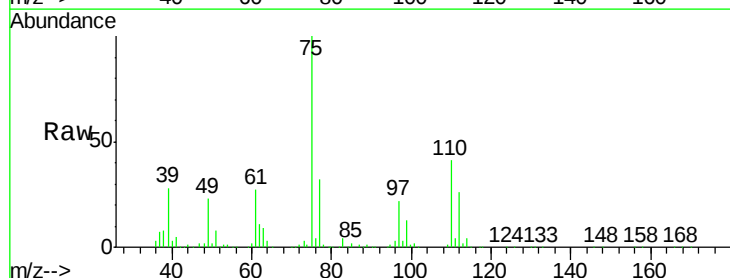
Acq: 03 Jul 2018 12:31

Tgt Ion: 75 Resp: 99471

Ion Ratio Lower Upper

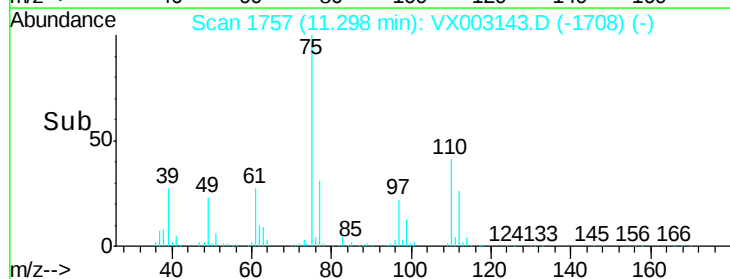
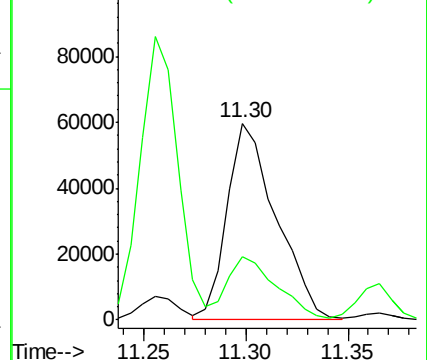
75 100

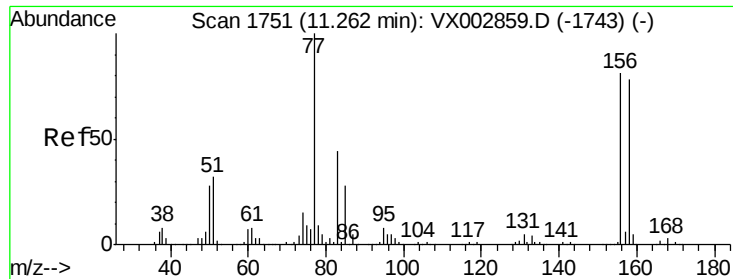
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.32 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS01

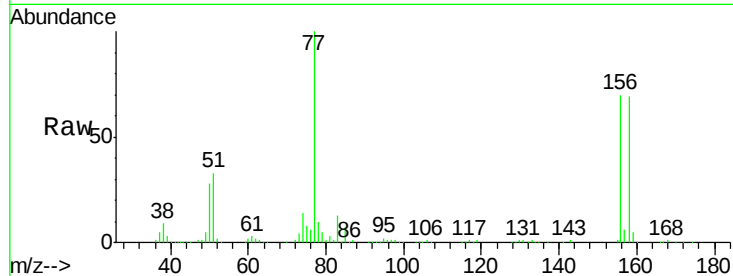
Tot Ion:156 Resp: 81076

Ion Ratio Lower Upper

156 100

77 135.8 71.4 214.2

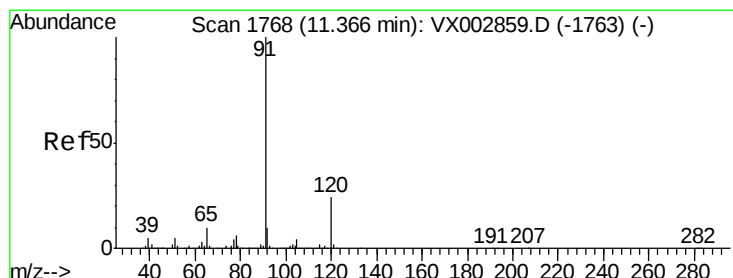
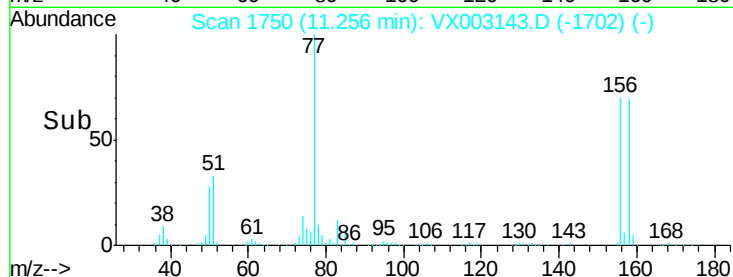
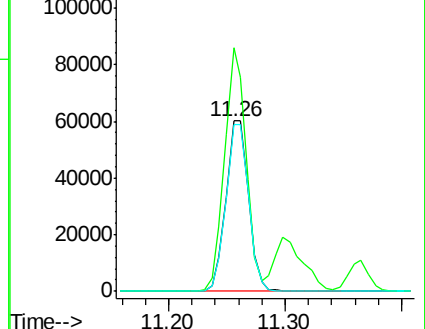
158 98.3 48.9 146.6



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: 20.61 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003143.D

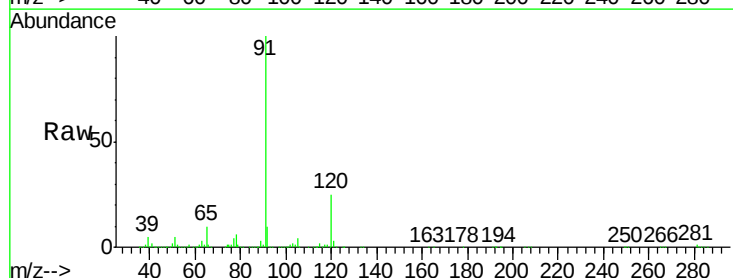
Acq: 03 Jul 2018 12:31

Tgt Ion: 91 Resp: 328746

Ion Ratio Lower Upper

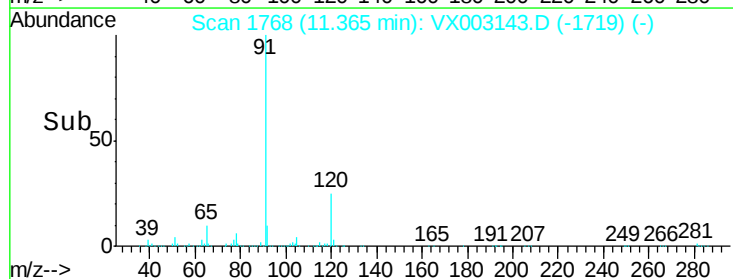
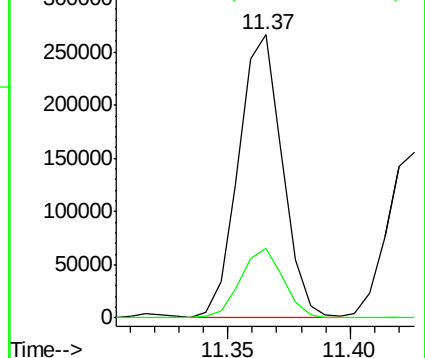
91 100

120 24.3 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: 20.28 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

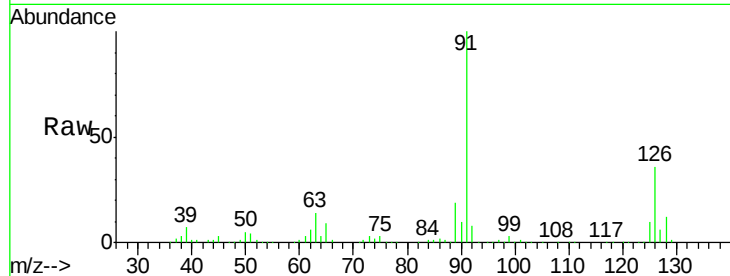
VX0703WBS01

Tot Ion: 91 Resp: 195862

Ion Ratio Lower Upper

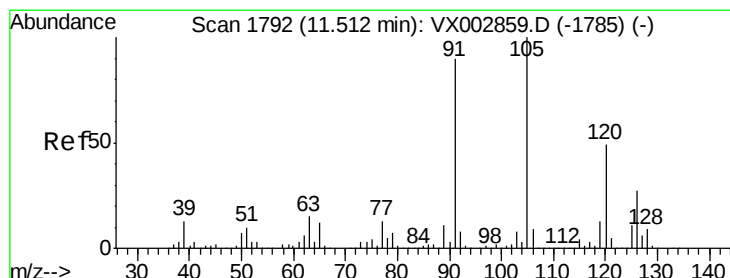
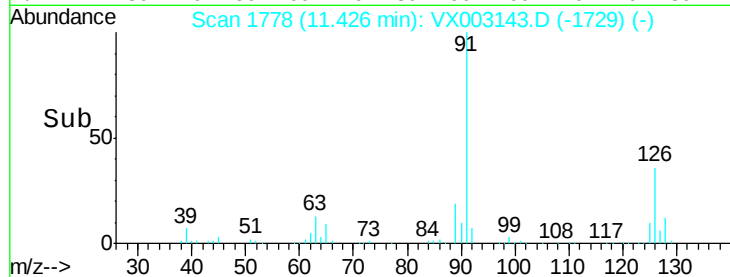
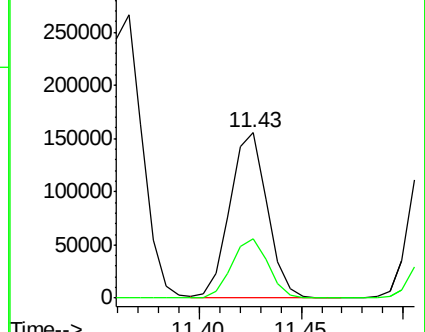
91 100

126 35.8 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: 20.49 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003143.D

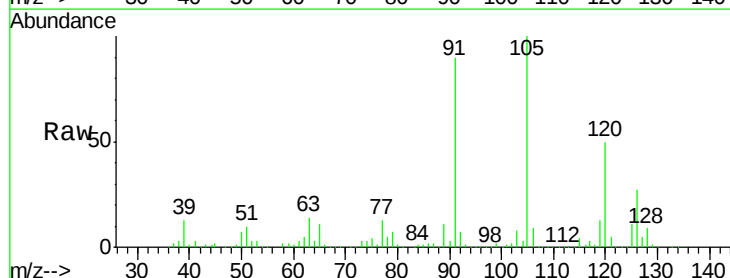
Acq: 03 Jul 2018 12:31

Tgt Ion:105 Resp: 241787

Ion Ratio Lower Upper

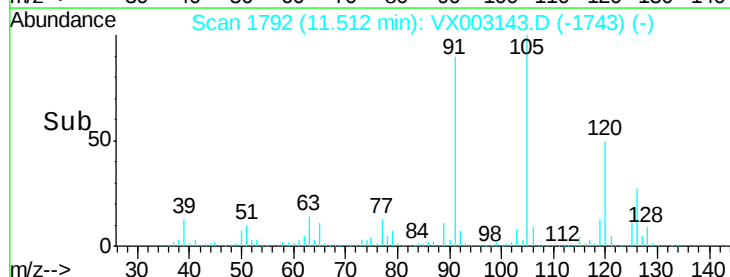
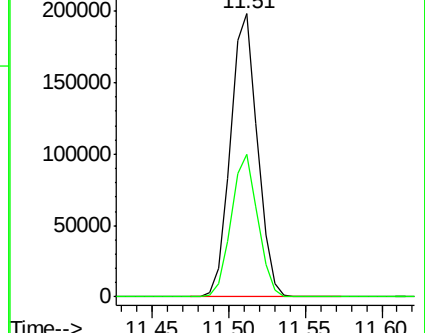
105 100

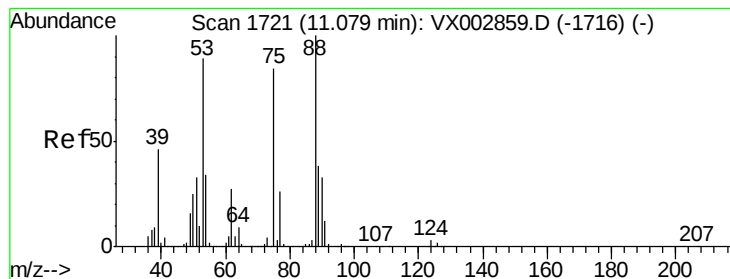
120 49.6 24.4 73.4



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: 18.72 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampled :

VX0703WBS01

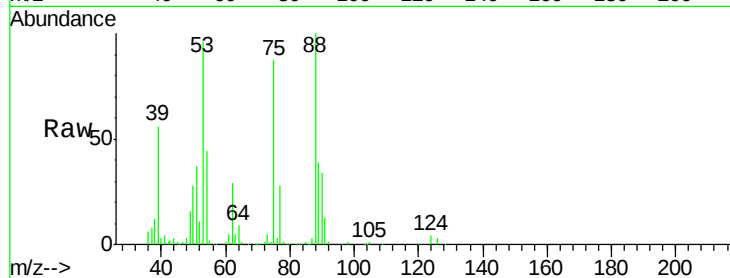
Tot Ion: 75 Resp: 21418

Ion Ratio Lower Upper

75 100

53 117.7 86.8 130.2

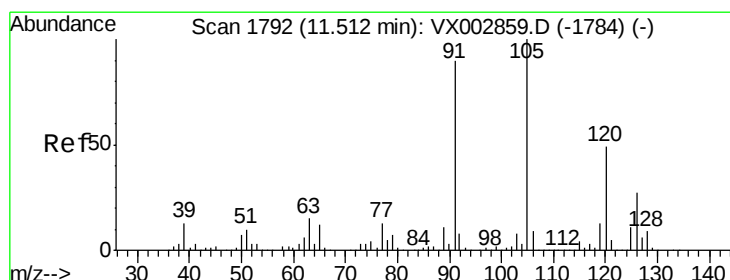
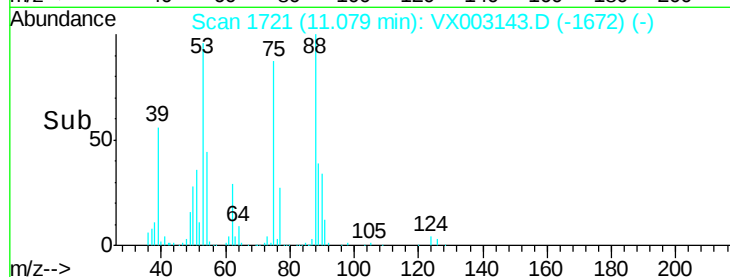
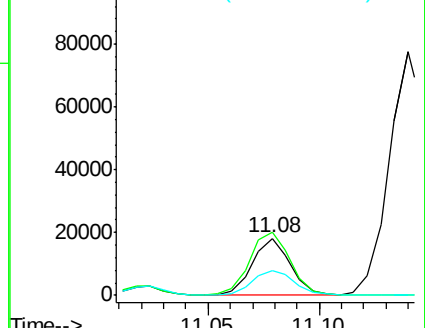
89 49.1 38.2 57.2



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: 20.12 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003143.D

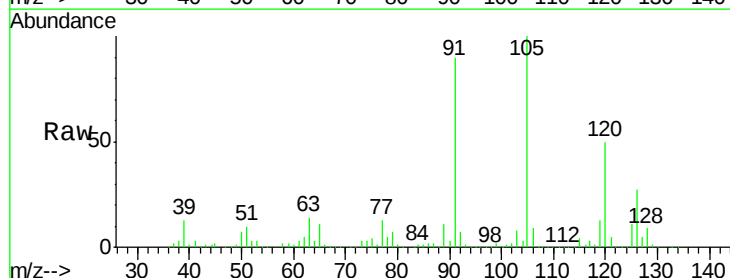
Acq: 03 Jul 2018 12:31

Tgt Ion: 91 Resp: 230014

Ion Ratio Lower Upper

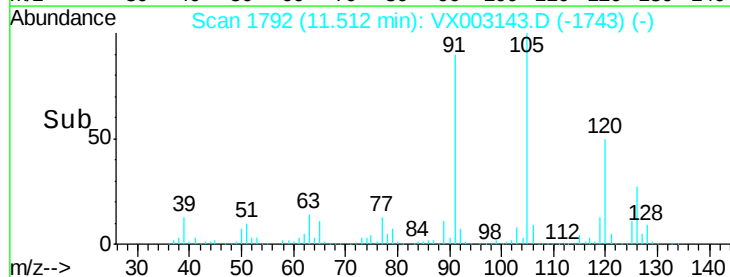
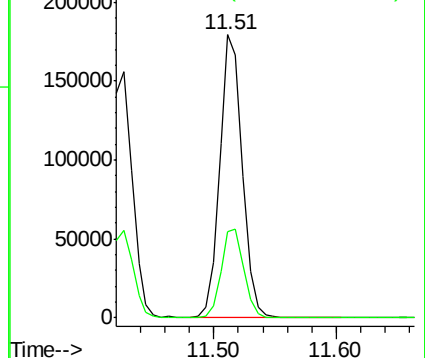
91 100

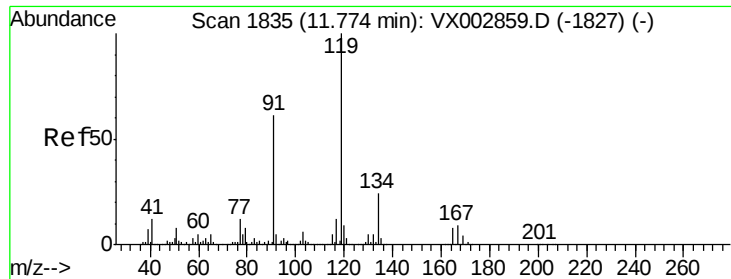
126 31.8 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

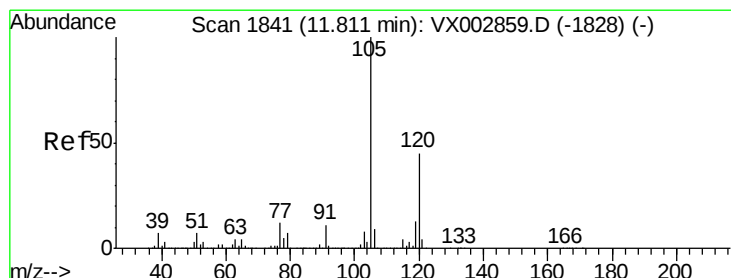
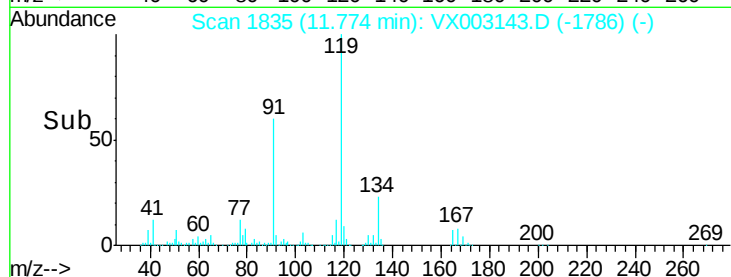
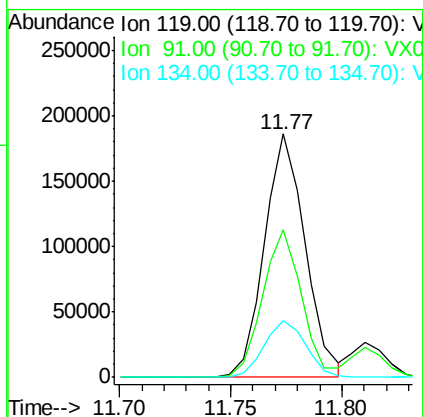
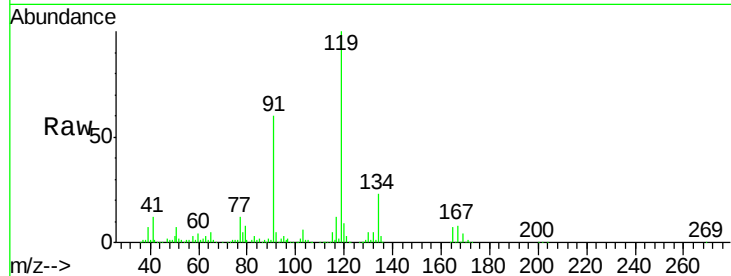




#83
tert-Butylbenzene
Concen: 20.33 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

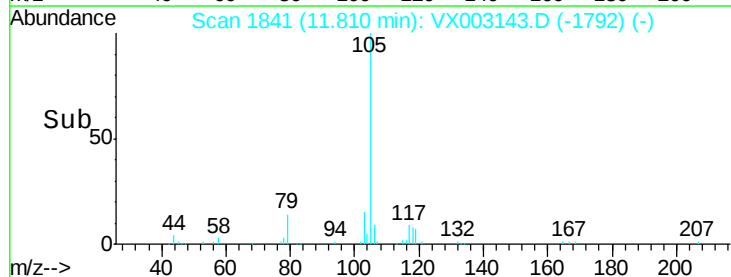
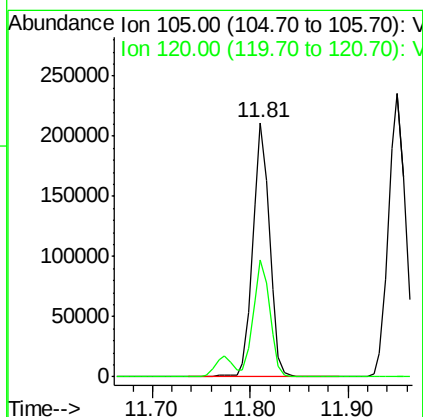
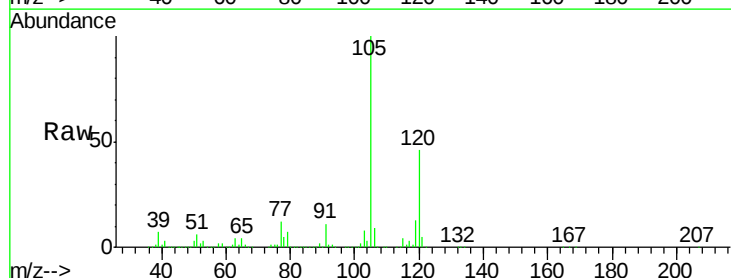
Instrument :
MSVOA_X
ClientSampled :
VX0703WBS01

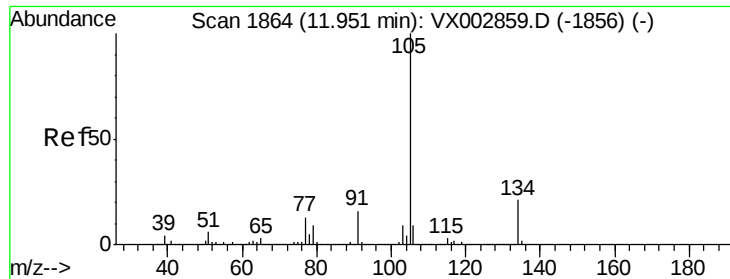
Tot Ion:119 Resp: 236436
Ion Ratio Lower Upper
119 100
91 58.4 30.3 90.9
134 23.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.44 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion:105 Resp: 249899
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.8

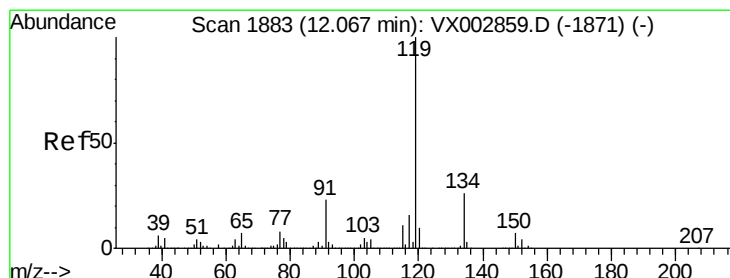
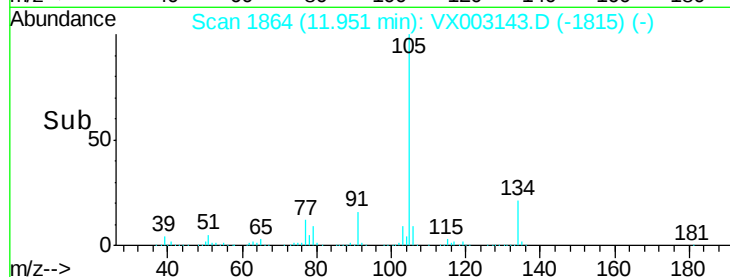
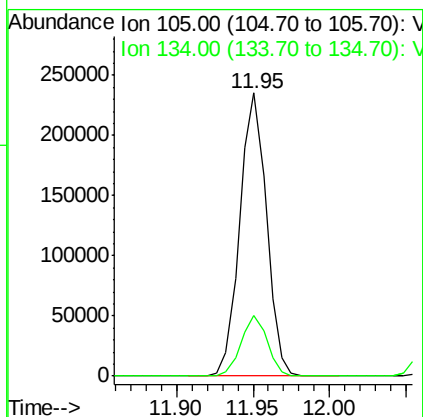
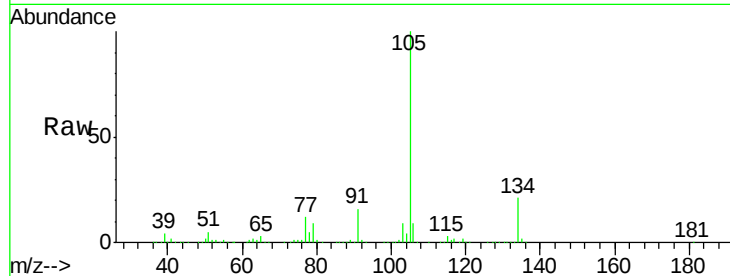




#85
 sec-Butylbenzene
 Concen: 20.19 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

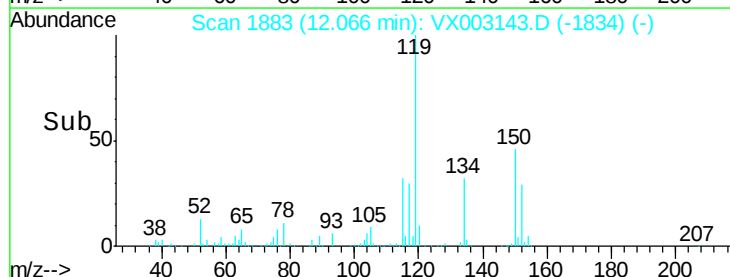
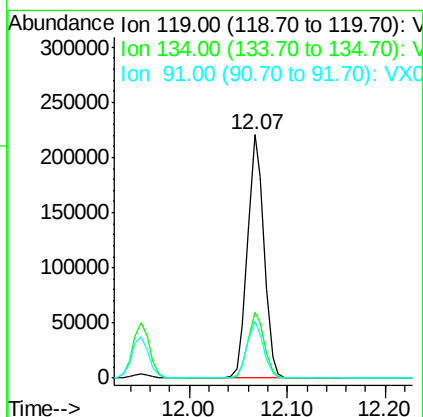
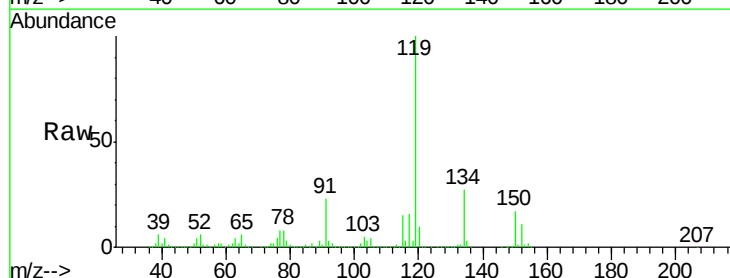
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS01

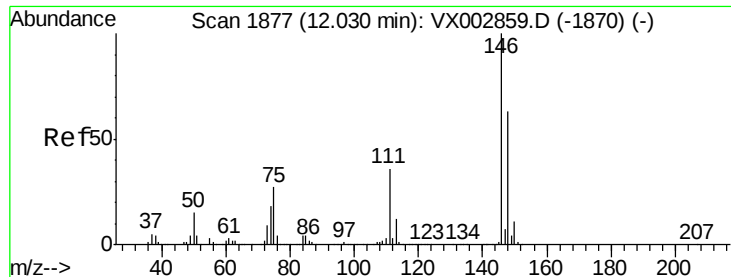
Tot Ion:105 Resp: 284818
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.35 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Tgt Ion:119 Resp: 258160
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 23.4 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 20.44 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0703WBS01

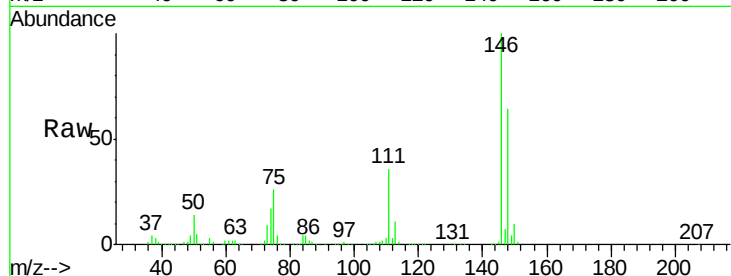
Tot Ion:146 Resp: 148969

Ion Ratio Lower Upper

146 100

111 36.9 18.9 56.7

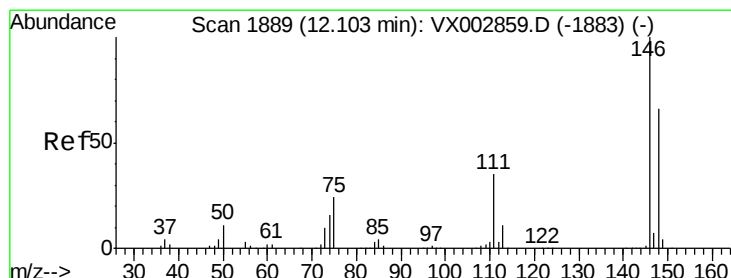
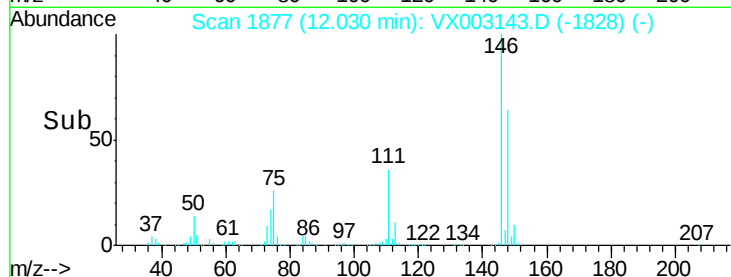
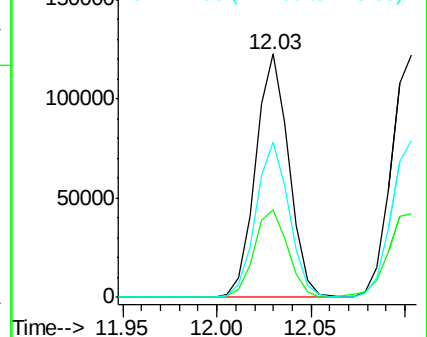
148 63.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.96 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003143.D

Acq: 03 Jul 2018 12:31

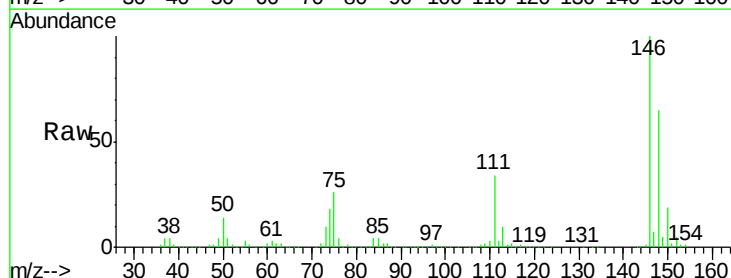
Tgt Ion:146 Resp: 149679

Ion Ratio Lower Upper

146 100

111 37.2 18.7 56.1

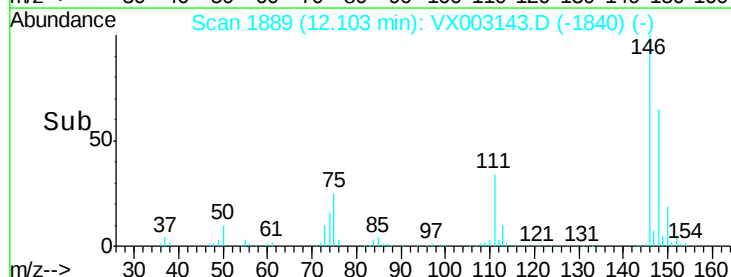
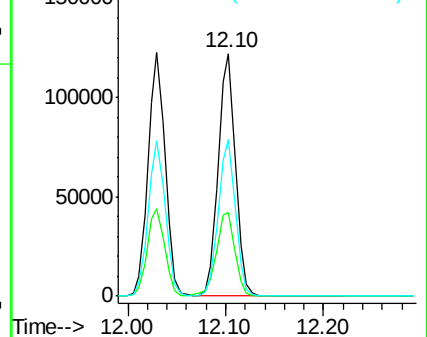
148 64.4 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

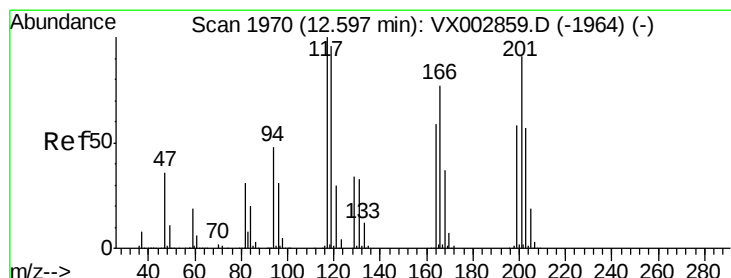
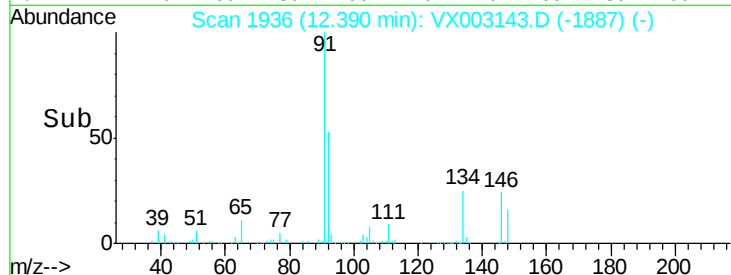
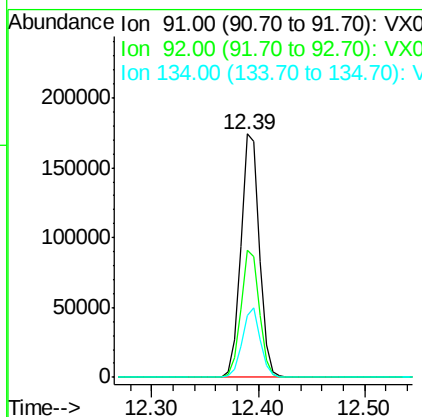
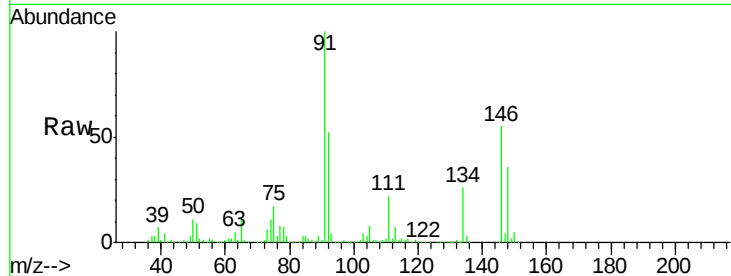




#89
n-Butylbenzene
Concen: 19.27 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

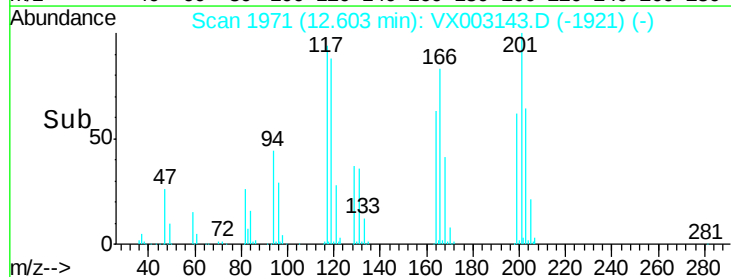
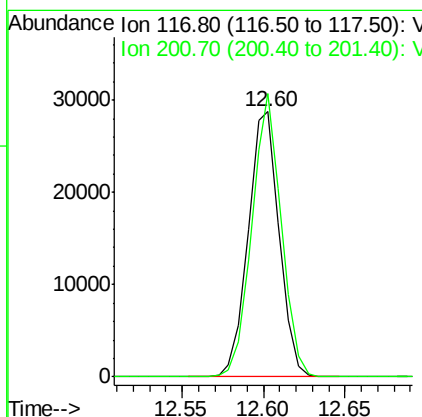
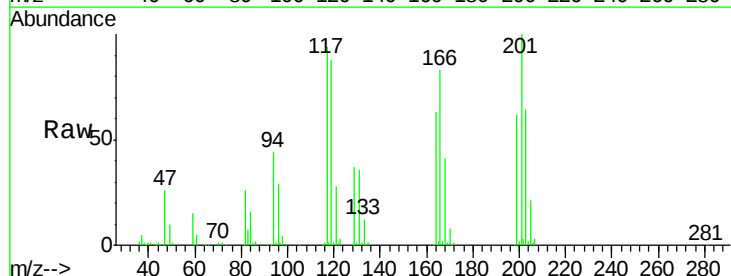
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Tot Ion: 91 Resp: 212797
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 27.8 13.5 40.5



#90
Hexachloroethane
Concen: 20.15 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 117 Resp: 38026
Ion Ratio Lower Upper
117 100
201 100.4 49.0 147.0

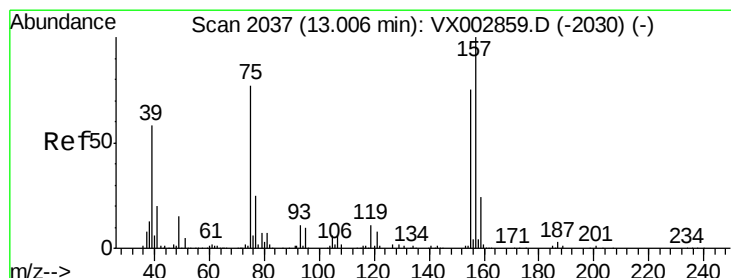
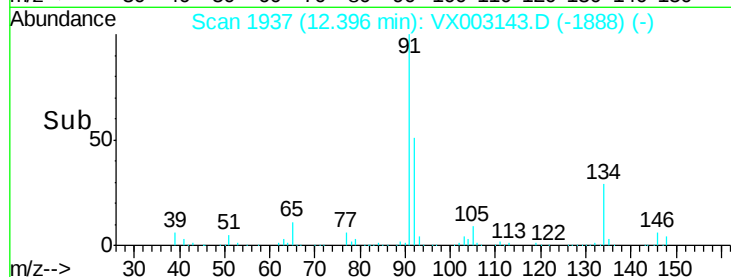
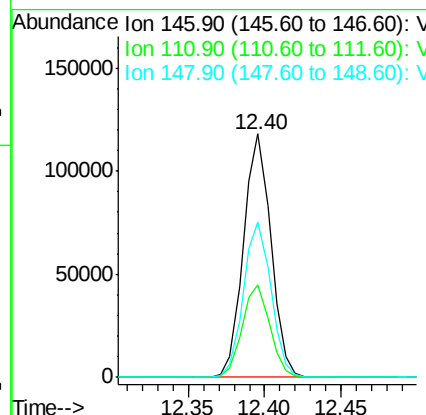
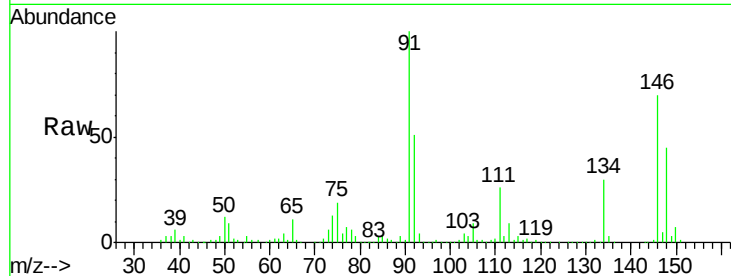




#91
1,2-Dichlorobenzene
Concen: 19.97 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

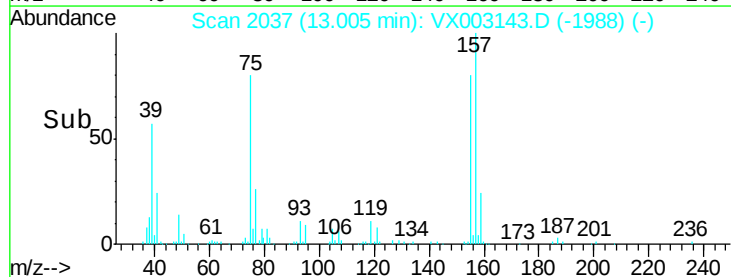
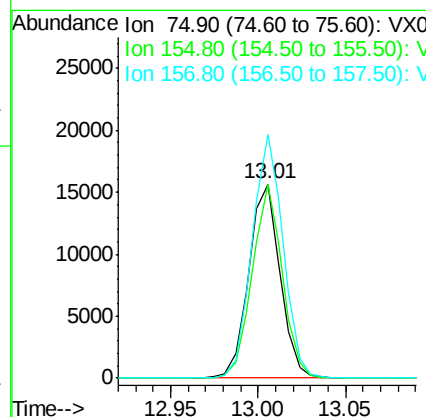
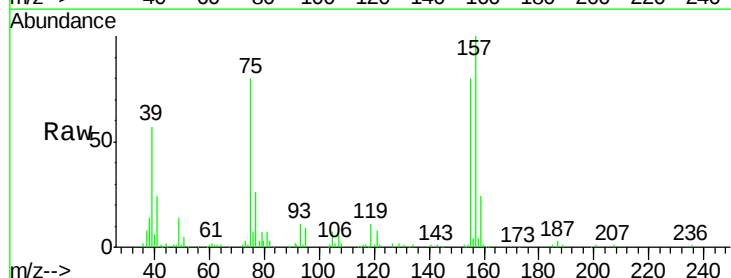
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

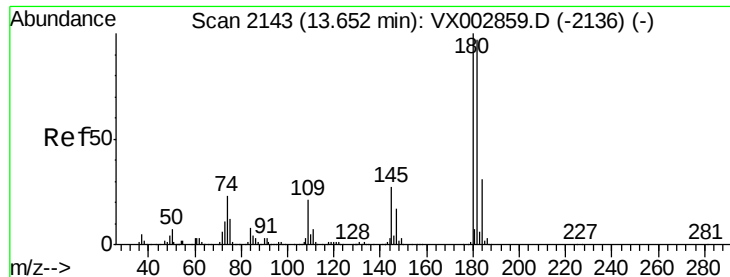
Tot Ion:146 Resp: 146907
Ion Ratio Lower Upper
146 100
111 38.2 19.4 58.1
148 64.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.03 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion: 75 Resp: 19439
Ion Ratio Lower Upper
75 100
155 95.3 45.8 137.4
157 124.0 60.1 180.3

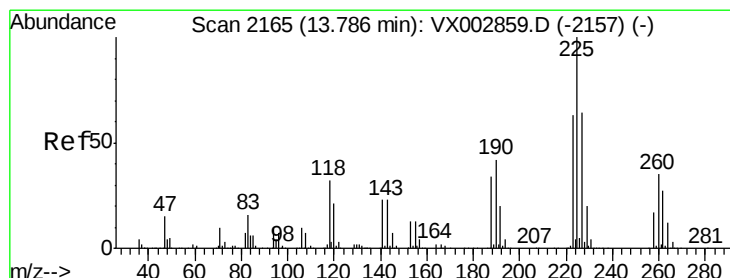
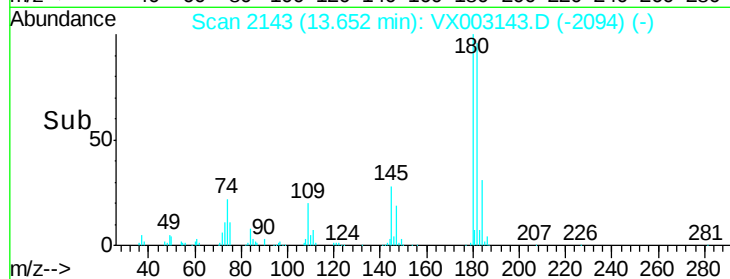
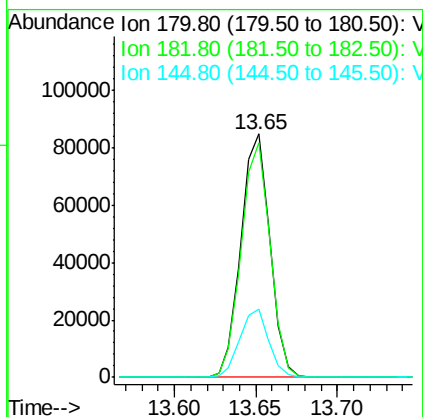
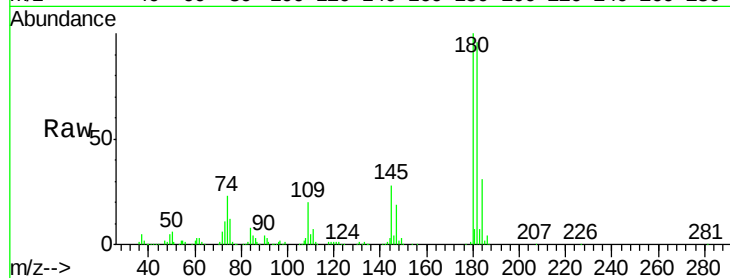




#93
 1,2,4-Trichlorobenzene
 Concen: 19.77 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

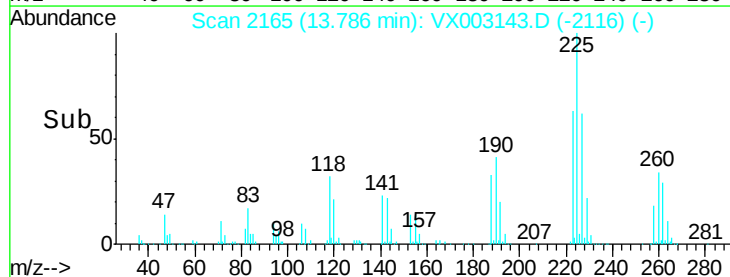
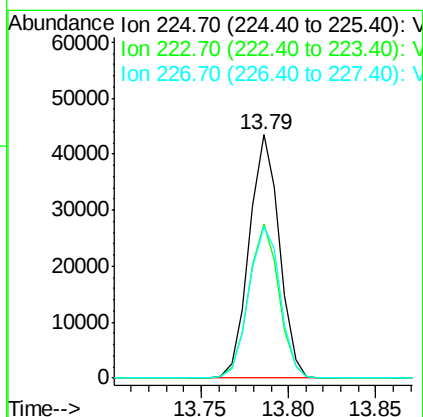
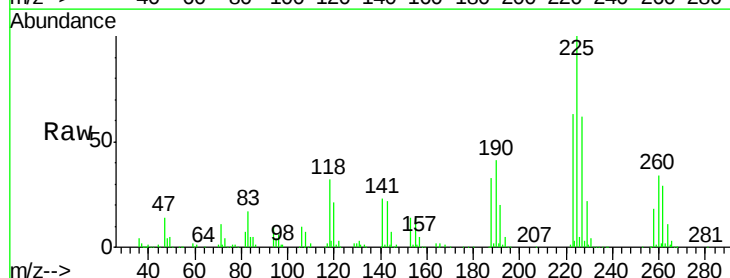
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0703WBS01

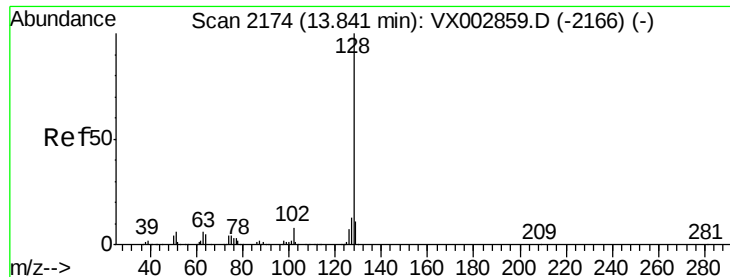
Tot Ion:180 Resp: 105838
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.7 143.1
 145 27.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.46 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003143.D
 Acq: 03 Jul 2018 12:31

Tgt Ion:225 Resp: 51950
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 64.6 32.4 97.2

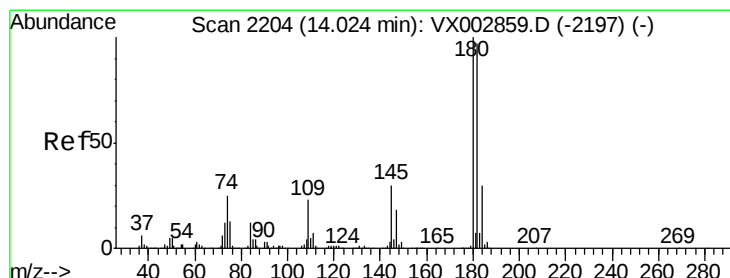
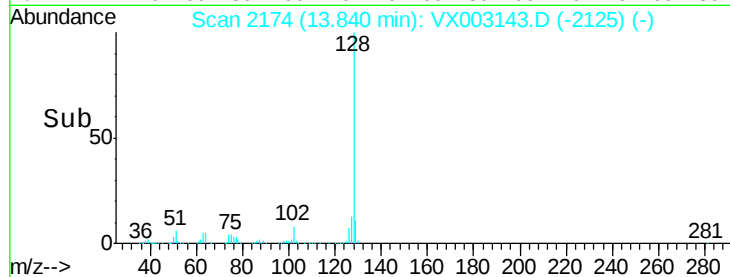
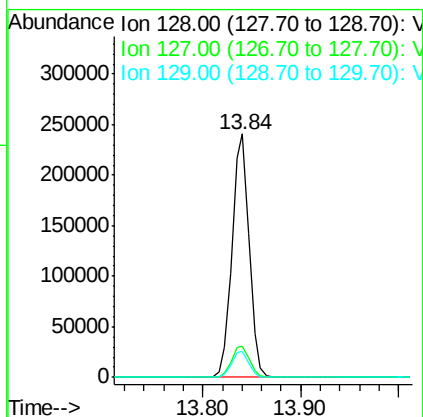
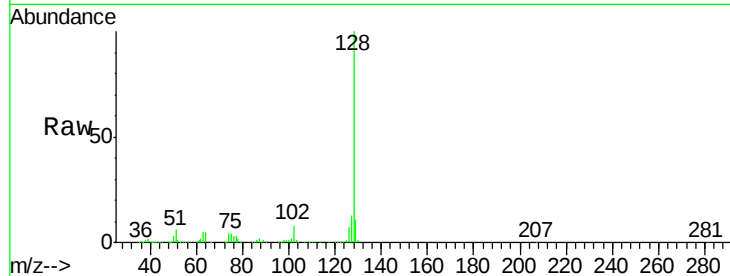




#95
Naphthalene
Concen: 20.44 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Tot Ion:128 Resp: 291501
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.66 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003143.D
Acq: 03 Jul 2018 12:31

Tgt Ion:180 Resp: 110461
Ion Ratio Lower Upper
180 100
182 95.1 48.0 144.0
145 29.4 14.8 44.3

