

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003222.D
 Acq On : 06 Jul 2018 19:46
 Operator : JC/MD
 Sample : VX0706WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Quant Time: Jul 07 00:01:45 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	229506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186888	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	155579	49.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.08%	
35) Dibromofluoromethane	5.51	113	134791	54.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.30%	
50) Toluene-d8	8.72	98	455263	50.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.14	95	176861	50.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	45986	22.28	ug/l	98
3) Chloromethane	1.32	50	47903	21.84	ug/l	100
4) Vinyl Chloride	1.40	62	54385	20.95	ug/l	93
5) Bromomethane	1.64	94	24010	18.08	ug/l	98
6) Chloroethane	1.72	64	33742	20.93	ug/l	98
7) Trichlorofluoromethane	1.93	101	84904	19.39	ug/l	99
8) Diethyl Ether	2.19	74	32730	20.56	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50889	20.06	ug/l	95
10) Methyl Iodide	2.51	142	40388	19.97	ug/l	96
11) Tert butyl alcohol	3.08	59	63520	100.52	ug/l	98
12) 1,1-Dichloroethene	2.37	96	46328	20.47	ug/l	91
13) Acrolein	2.29	56	39643	115.47	ug/l	100
14) Allyl chloride	2.73	41	89650	20.09	ug/l	95
15) Acrylonitrile	3.15	53	143419	106.25	ug/l	99
16) Acetone	2.45	43	128170	97.56	ug/l	95
17) Carbon Disulfide	2.57	76	113585	18.83	ug/l	98
18) Methyl Acetate	2.78	43	71421	19.44	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	167331	20.56	ug/l	98
20) Methylene Chloride	2.85	84	58175	22.76	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	48440	19.65	ug/l	95
22) Diisopropyl ether	3.88	45	185586	21.76	ug/l	95
23) Vinyl Acetate	3.83	43	752964	104.26	ug/l	99
24) 1,1-Dichloroethane	3.70	63	95107	20.52	ug/l	99
25) 2-Butanone	4.71	43	215416	110.49	ug/l	96
26) 2,2-Dichloropropane	4.59	77	78688	20.88	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	60933	22.04	ug/l	98
28) Bromochloromethane	5.02	49	44912	20.24	ug/l	90
29) Tetrahydrofuran	5.17	42	137001	109.58	ug/l	96
30) Chloroform	5.22	83	105896	22.26	ug/l	96
31) Cyclohexane	5.58	56	82284	20.68	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	90291	21.57	ug/l	98
36) 1,1-Dichloropropene	5.80	75	73237	21.25	ug/l	98
37) Ethyl Acetate	4.87	43	82663	22.27	ug/l	99
38) Carbon Tetrachloride	5.78	117	79867	21.11	ug/l	97

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 Data File : VX003222.D
 Acq On : 06 Jul 2018 19:46
 Operator : JC/MD
 Sample : VX0706WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Quant Time: Jul 07 00:01:45 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	82256	20.49	ug/l	98
40) Benzene	6.15	78	221507	22.12	ug/l	99
41) Methacrylonitrile	5.07	41	47793	22.36	ug/l	97
42) 1,2-Dichloroethane	6.20	62	84850	20.97	ug/l	98
43) Isopropyl Acetate	6.47	43	130899	21.03	ug/l	97
44) Trichloroethene	7.22	130	65160	21.82	ug/l	98
45) 1,2-Dichloropropane	7.52	63	58665	22.08	ug/l	98
46) Dibromomethane	7.67	93	39822	21.60	ug/l	94
47) Bromodichloromethane	7.90	83	73361	21.52	ug/l	98
48) Methyl methacrylate	7.78	41	65185	20.32	ug/l	94
49) 1,4-Dioxane	7.76	88	28058	449.64	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	430501	110.54	ug/l	98
52) Toluene	8.79	92	142383	22.19	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	85973	22.27	ug/l	96
54) cis-1,3-Dichloropropene	9.04	75	77812	20.95	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	59559	22.59	ug/l	99
56) Ethyl methacrylate	9.18	69	83189	21.59	ug/l	93
57) 1,3-Dichloropropane	9.38	76	97123	22.43	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	186014	100.06	ug/l	97
59) 2-Hexanone	9.50	43	322531	108.97	ug/l	97
60) Dibromochloromethane	9.59	129	61443	22.14	ug/l	98
61) 1,2-Dibromoethane	9.68	107	61643	22.29	ug/l	99
64) Tetrachloroethene	9.34	164	75950	22.67	ug/l	98
65) Chlorobenzene	10.14	112	165174	21.58	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	60249	21.67	ug/l	98
67) Ethyl Benzene	10.26	91	266900	21.11	ug/l	99
68) m/p-Xylenes	10.36	106	210596	43.22	ug/l	97
69) o-Xylene	10.70	106	101466	21.39	ug/l	98
70) Styrene	10.71	104	169311	21.96	ug/l	98
71) Bromoform	10.86	173	47262	21.25	ug/l	98
73) Isopropylbenzene	11.02	105	276327	21.98	ug/l	99
74) N-amyl acetate	6.47	43	130899	21.28	ug/l	# 97
75) 1,1,2,2-Tetrachloroethane	11.27	83	86711	22.39	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	93200	27.53	ug/l	82
77) Bromobenzene	11.26	156	79194	22.12	ug/l	96
78) n-propylbenzene	11.36	91	307429	21.48	ug/l	98
79) 2-Chlorotoluene	11.42	91	186952	21.58	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	232692	21.97	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19682	19.10	ug/l	91
82) 4-Chlorotoluene	11.51	91	217168	21.17	ug/l	99
83) tert-Butylbenzene	11.77	119	226846	21.74	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	237077	21.61	ug/l	98
85) sec-Butylbenzene	11.95	105	269224	21.27	ug/l	99
86) p-Isopropyltoluene	12.07	119	243040	21.35	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	140306	21.46	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	142236	21.14	ug/l	100
89) n-Butylbenzene	12.39	91	196064	19.79	ug/l	99
90) Hexachloroethane	12.60	117	33056	19.53	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	144521	21.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17551	20.16	ug/l	95

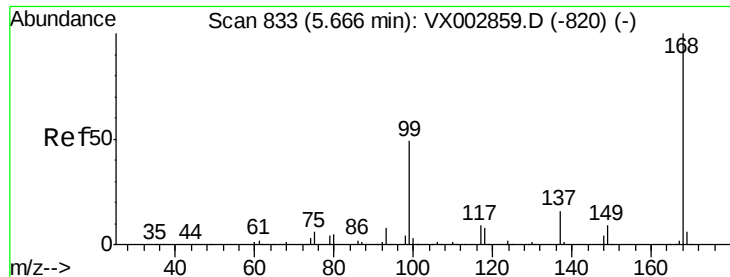
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070618\
Data File : VX003222.D
Acq On : 06 Jul 2018 19:46
Operator : JC/MD
Sample : VX0706WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Quant Time: Jul 07 00:01:45 2018
Quant Method : Z:\V0ASRV\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	99799	20.78	ug/l	99
94) Hexachlorobutadiene	13.79	225	49422	20.63	ug/l	99
95) Naphthalene	13.83	128	282616	22.09	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	105489	21.99	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: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

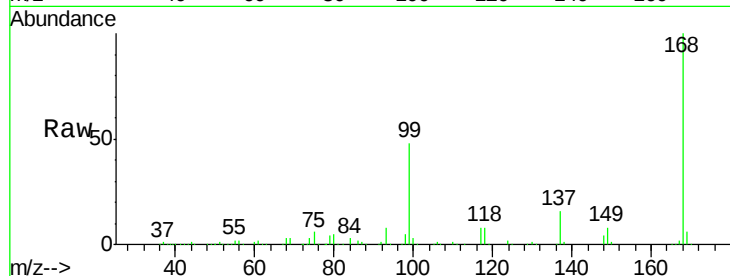
VX0706WBS01

Tot Ion:168 Resp: 229506

Ion Ratio Lower Upper

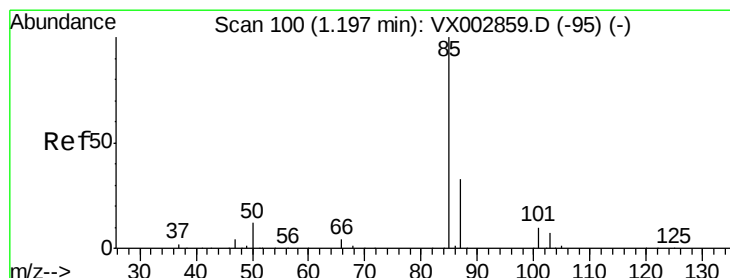
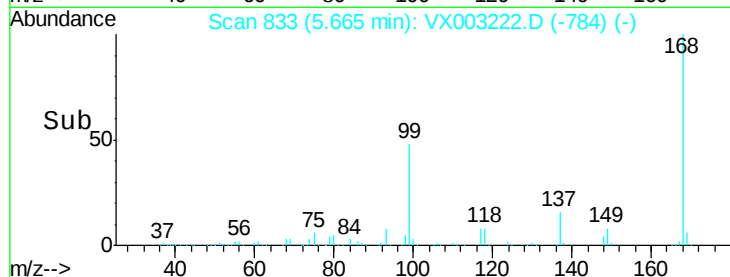
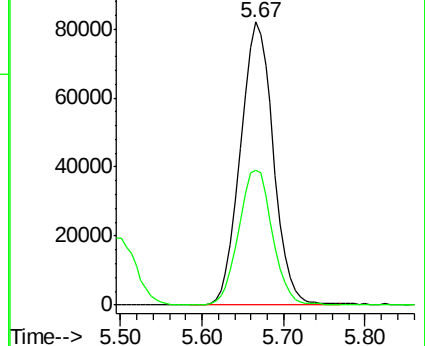
168 100

99 47.6 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: 22.28 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003222.D

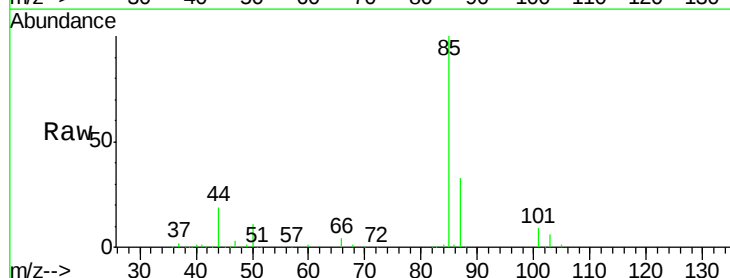
Acq: 06 Jul 2018 19:46

Tgt Ion: 85 Resp: 45986

Ion Ratio Lower Upper

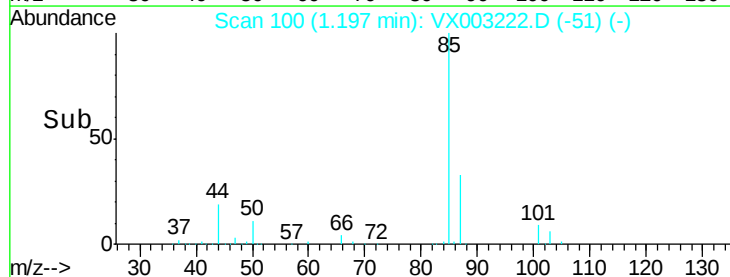
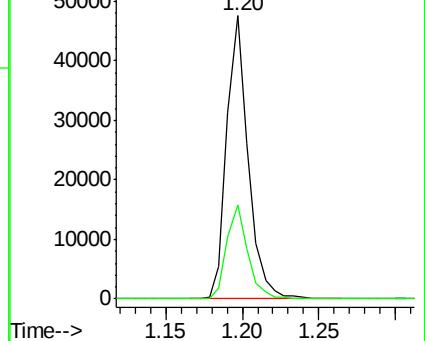
85 100

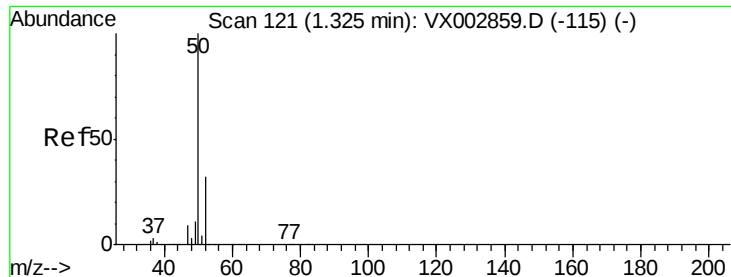
87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.84 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

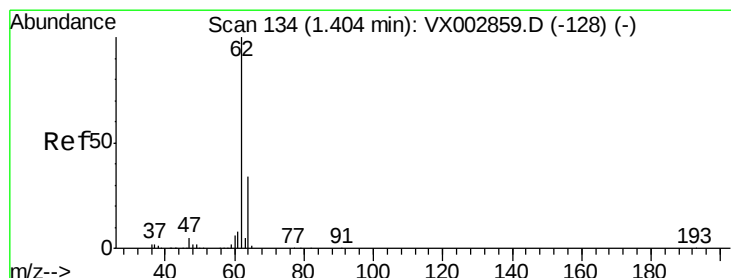
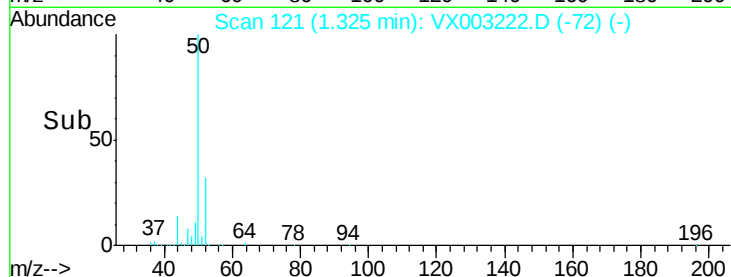
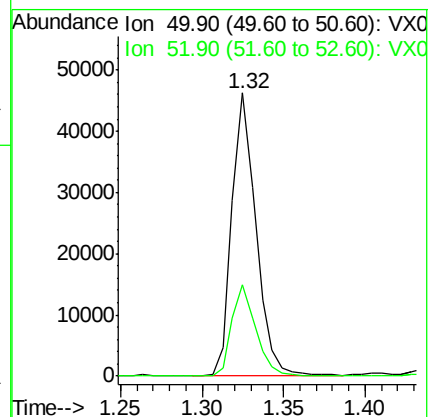
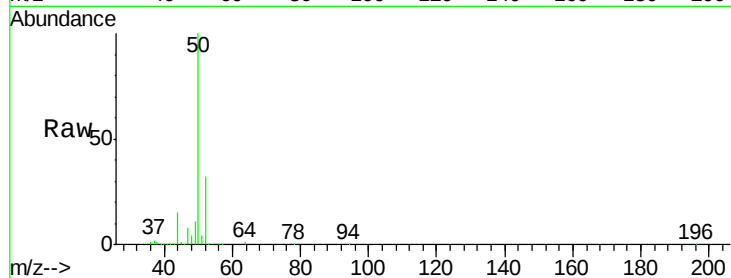
VX0706WBS01

Tot Ion: 50 Resp: 47903

Ion Ratio Lower Upper

50 100

52 32.3 25.7 38.5



#4

Vinyl Chloride

Concen: 20.95 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003222.D

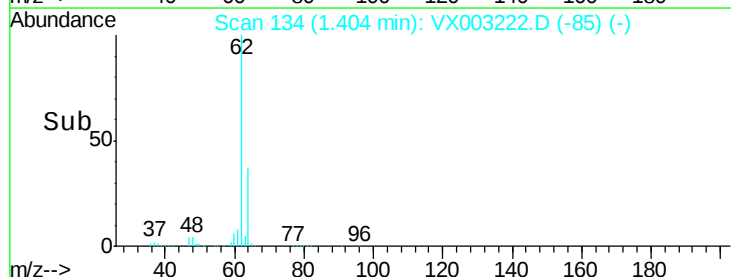
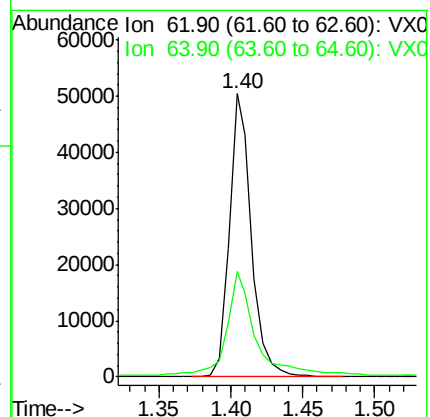
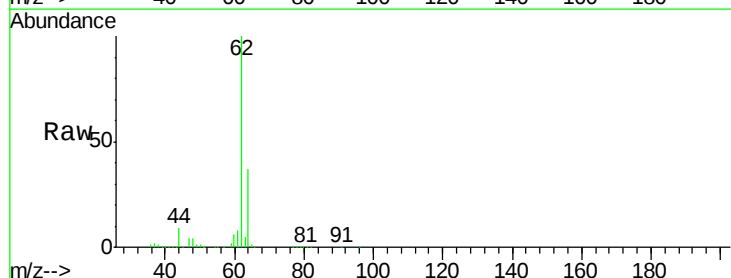
Acq: 06 Jul 2018 19:46

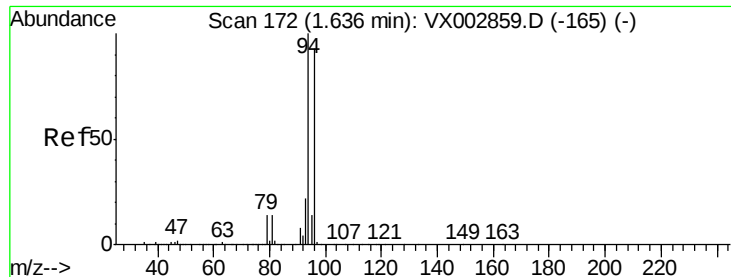
Tgt Ion: 62 Resp: 54385

Ion Ratio Lower Upper

62 100

64 35.8 25.4 38.2





#5

Bromomethane

Concen: 18.08 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

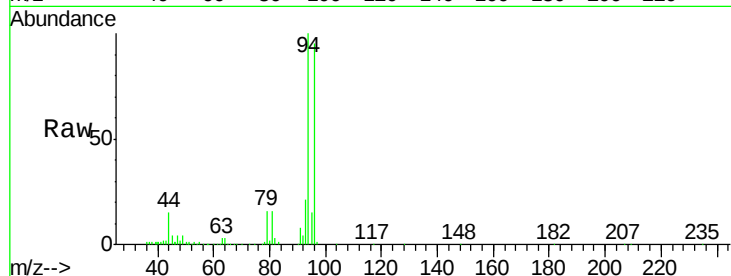
VX0706WBS01

Tot Ion: 94 Resp: 24010

Ion Ratio Lower Upper

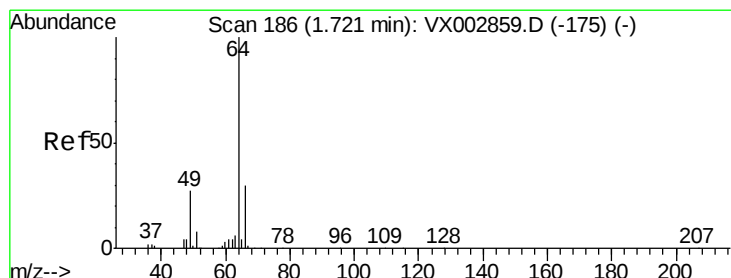
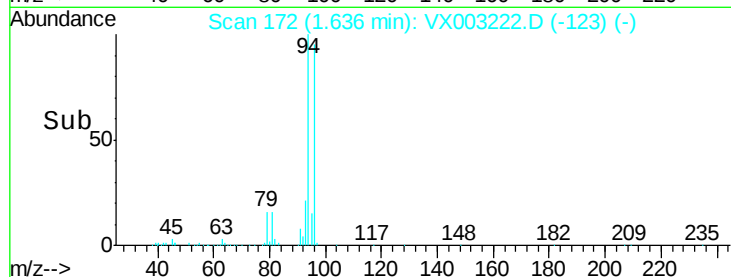
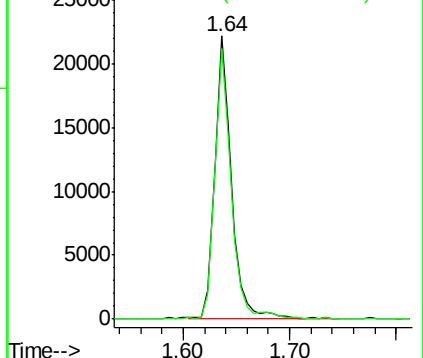
94 100

96 95.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.93 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003222.D

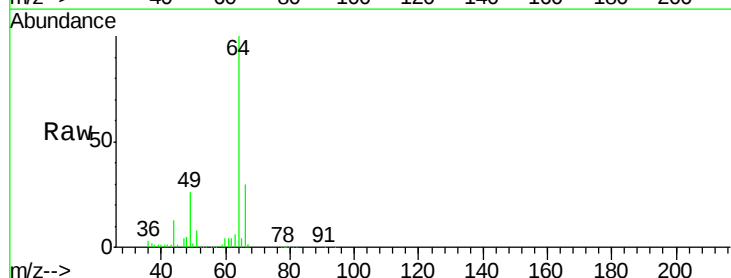
Acq: 06 Jul 2018 19:46

Tgt Ion: 64 Resp: 33742

Ion Ratio Lower Upper

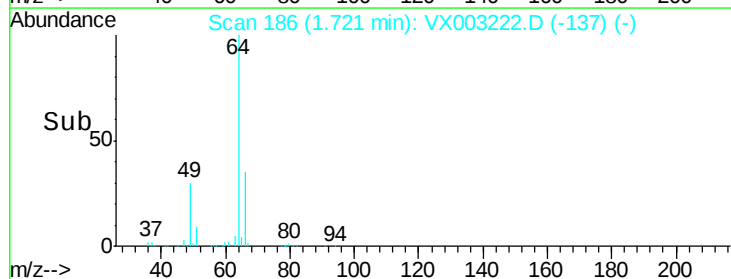
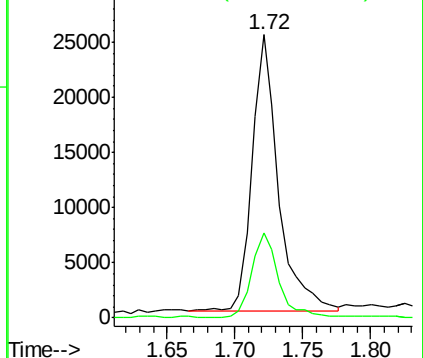
64 100

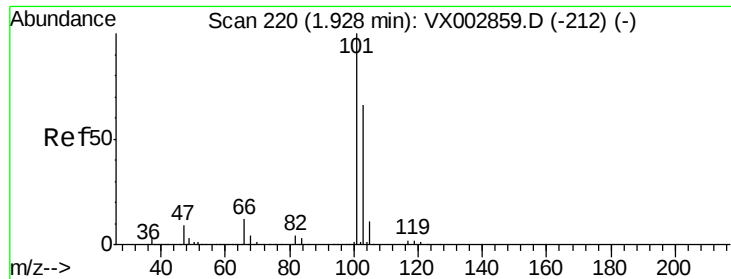
66 30.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 19.39 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

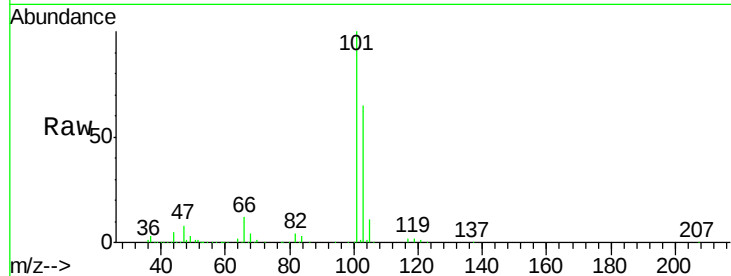
VX0706WBS01

Tot Ion:101 Resp: 84904

Ion Ratio Lower Upper

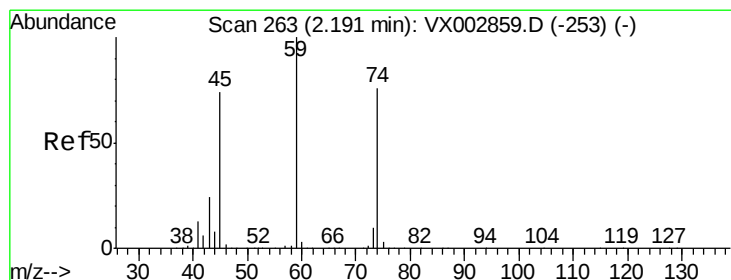
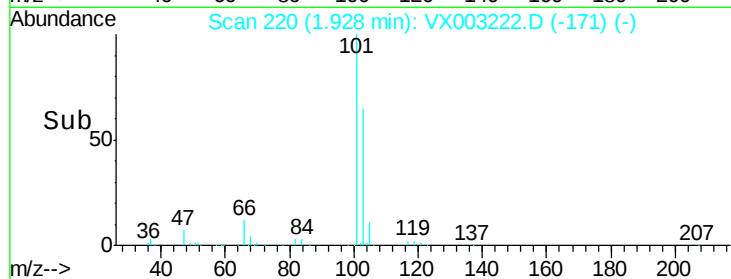
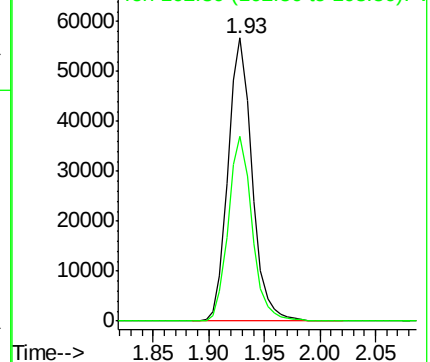
101 100

103 65.3 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.56 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003222.D

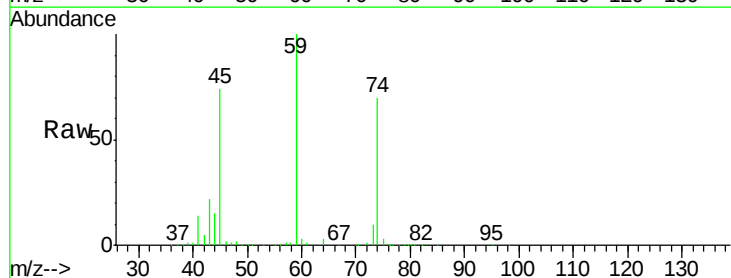
Acq: 06 Jul 2018 19:46

Tgt Ion: 74 Resp: 32730

Ion Ratio Lower Upper

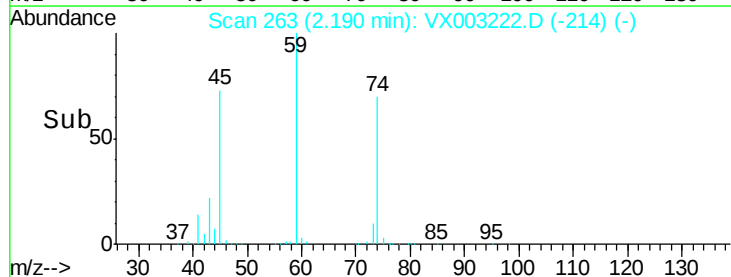
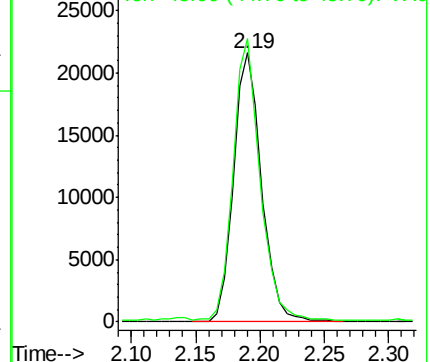
74 100

45 102.5 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.06 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

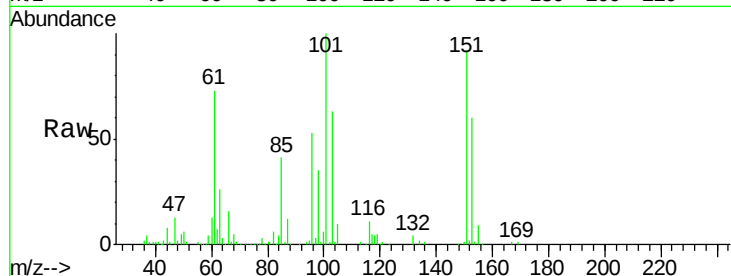
Tot Ion:101 Resp: 50889

Ion Ratio Lower Upper

101 100

85 42.7 36.0 54.0

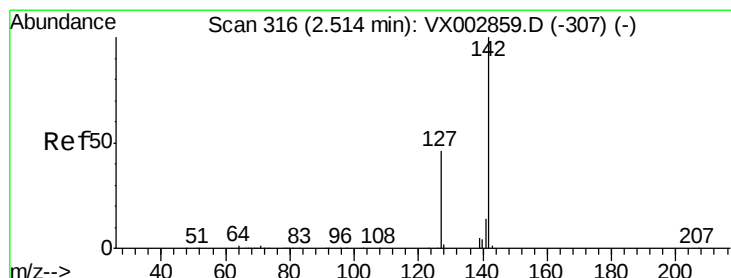
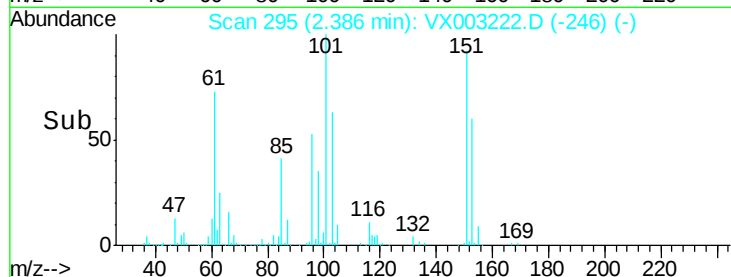
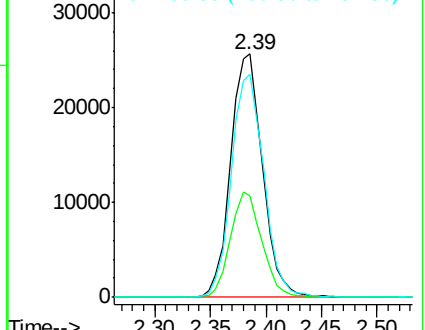
151 93.7 70.9 106.3



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: 19.97 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

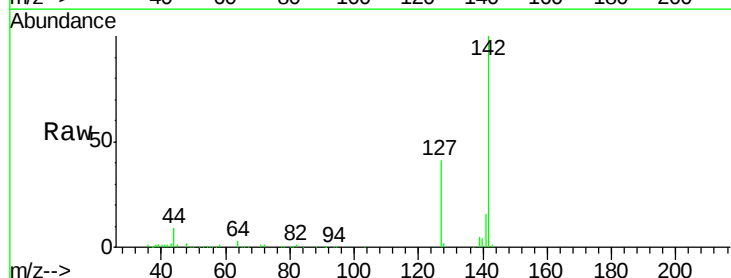
Tgt Ion:142 Resp: 40388

Ion Ratio Lower Upper

142 100

127 43.3 36.6 55.0

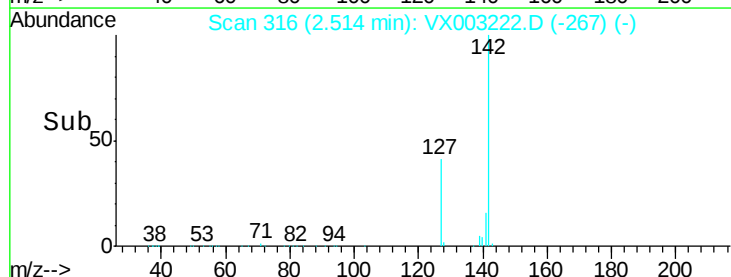
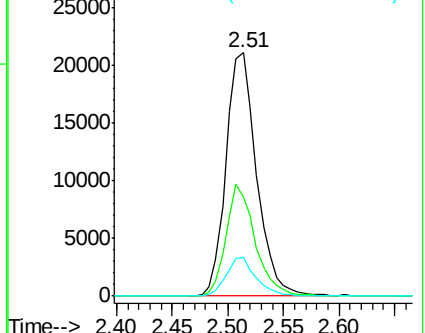
141 15.3 11.3 16.9

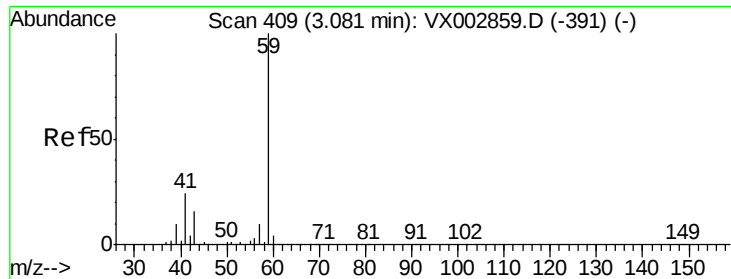


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



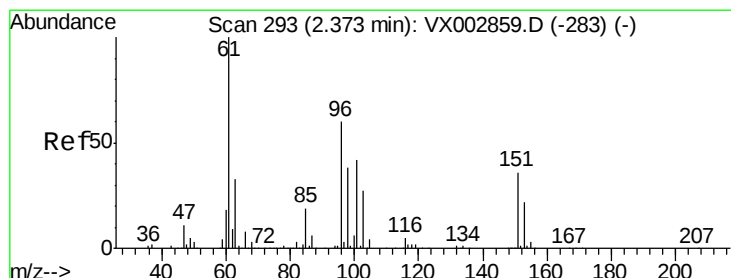
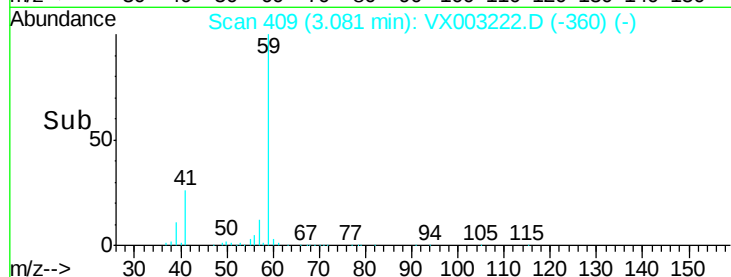
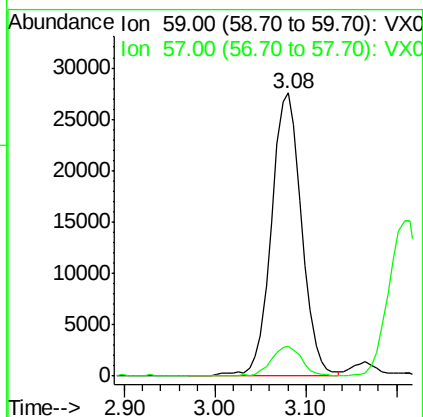
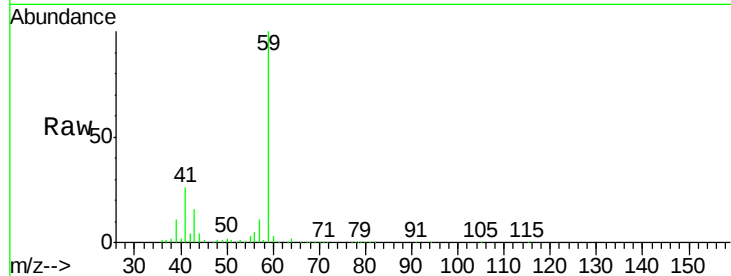


#11

Tert butyl alcohol
Concen: 100.52 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

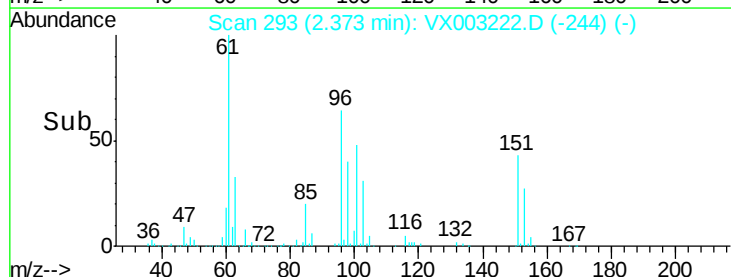
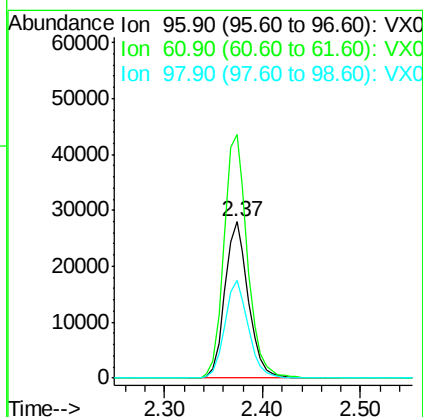
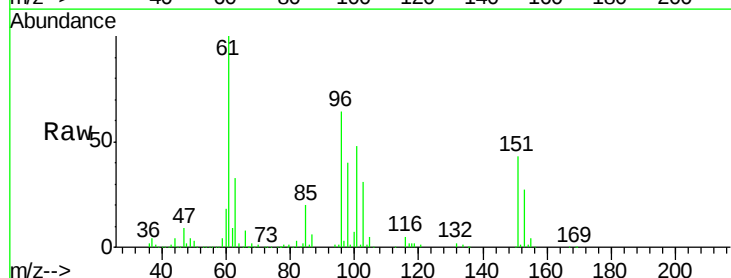
Tot Ion: 59 Resp: 63520
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2

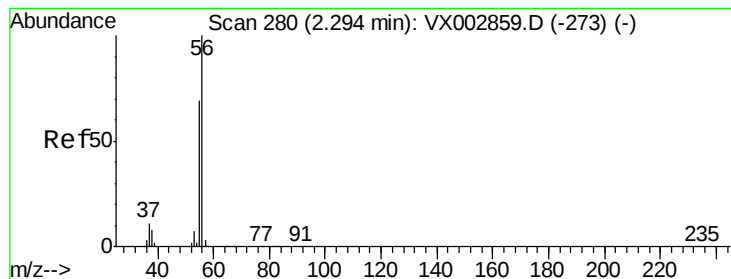


#12

1,1-Dichloroethene
Concen: 20.47 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion: 96 Resp: 46328
Ion Ratio Lower Upper
96 100
61 155.6 137.9 206.9
98 62.9 51.6 77.4





#13

Acrolein

Concen: 115.47 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

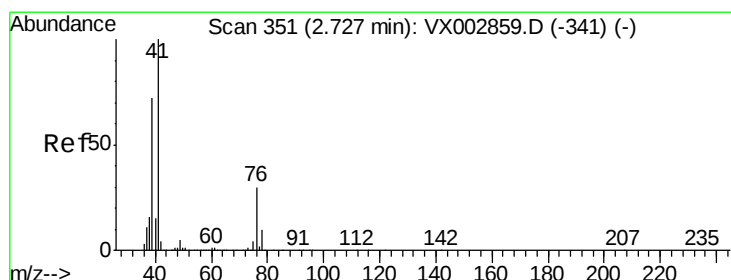
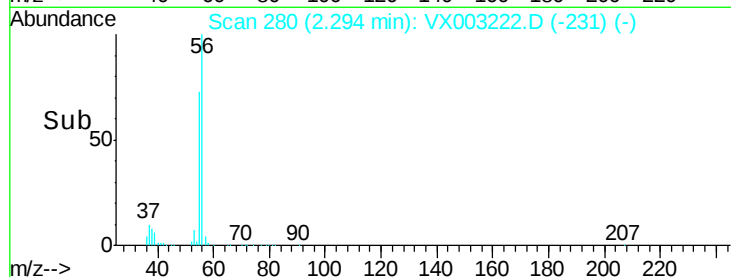
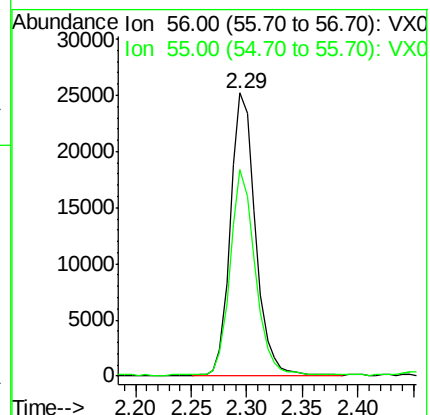
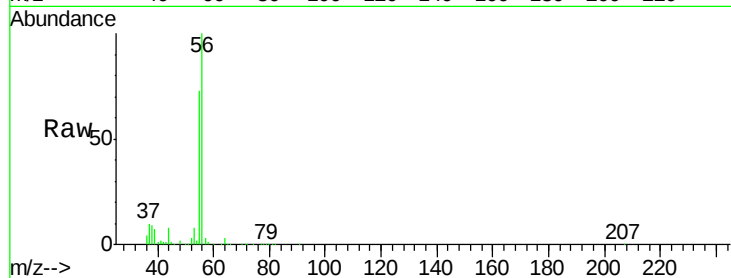
VX0706WBS01

Tot Ion: 56 Resp: 39643

Ion Ratio Lower Upper

56 100

55 71.1 57.0 85.4



#14

Allyl chloride

Concen: 20.09 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

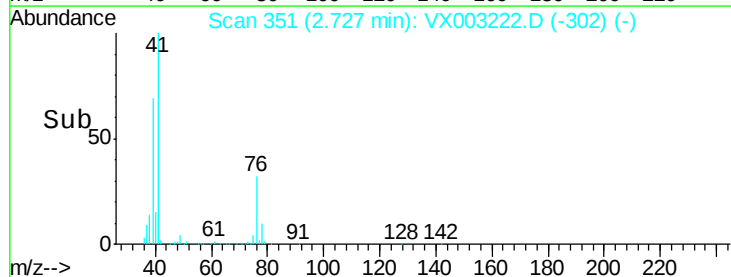
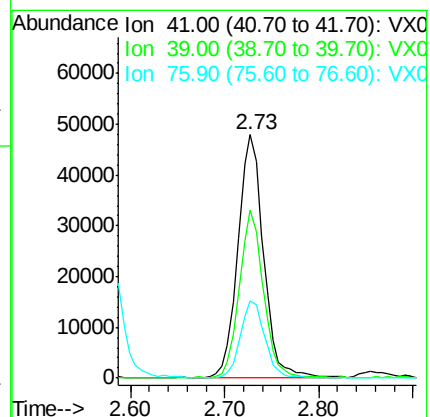
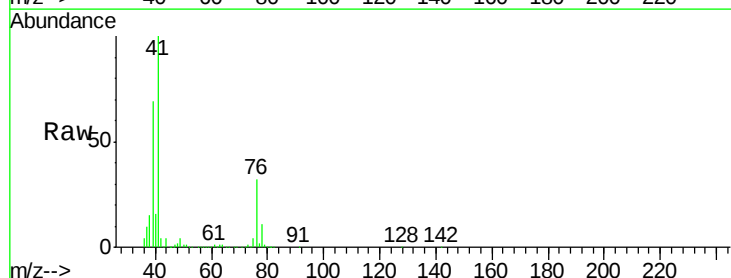
Tgt Ion: 41 Resp: 89650

Ion Ratio Lower Upper

41 100

39 65.4 56.8 85.2

76 30.3 23.8 35.8





#15

Acrylonitrile

Concen: 106.25 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

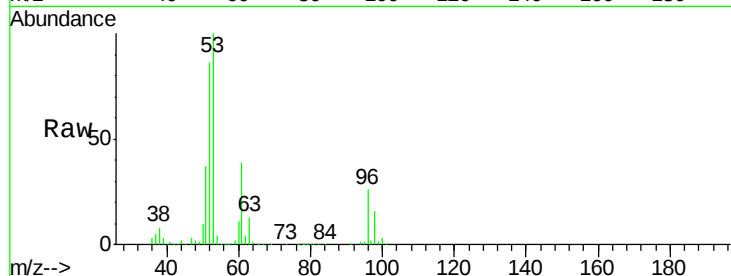
Tot Ion: 53 Resp: 143419

Ion Ratio Lower Upper

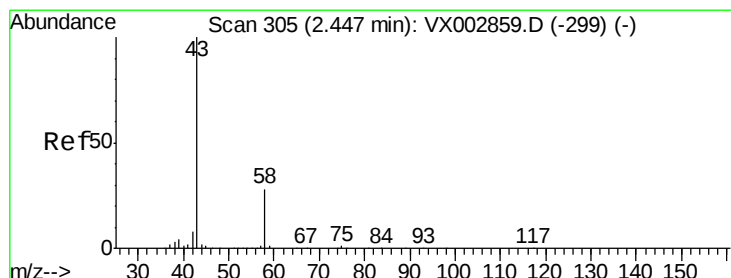
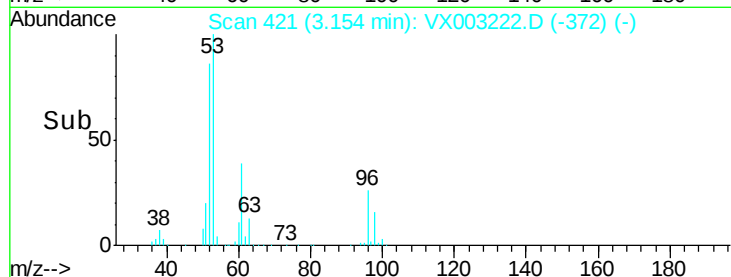
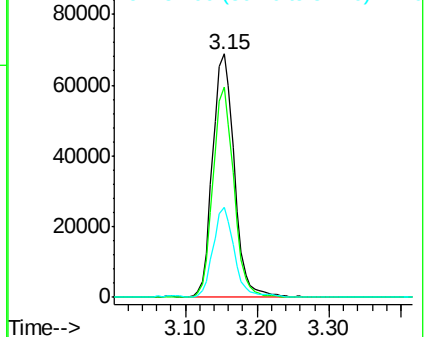
53 100

52 82.7 66.7 100.1

51 36.0 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: 97.56 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003222.D

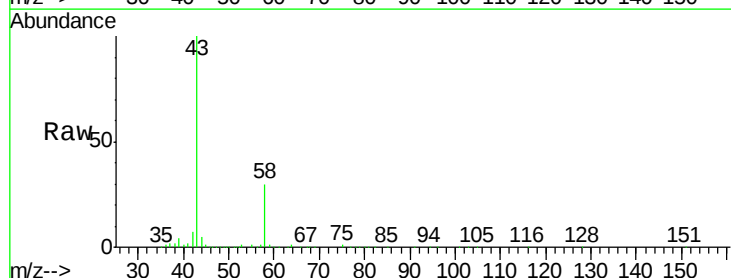
Acq: 06 Jul 2018 19:46

Tgt Ion: 43 Resp: 128170

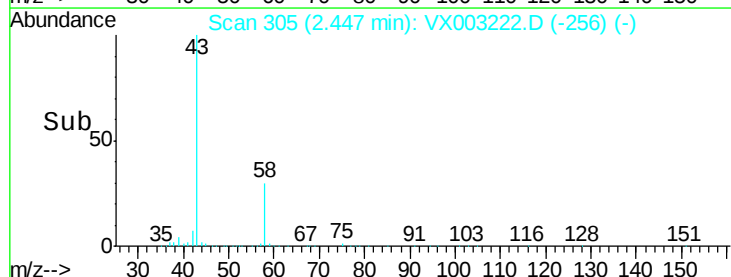
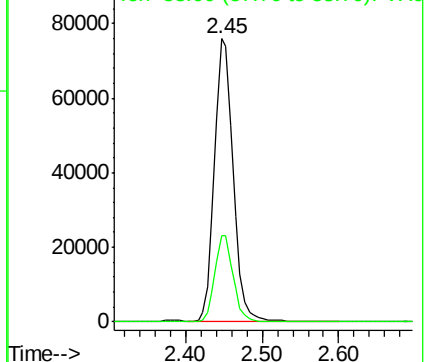
Ion Ratio Lower Upper

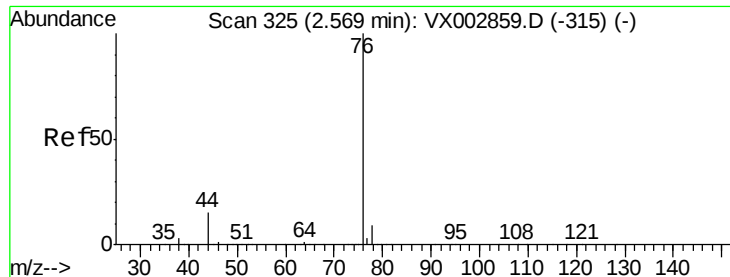
43 100

58 30.4 22.1 33.1



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

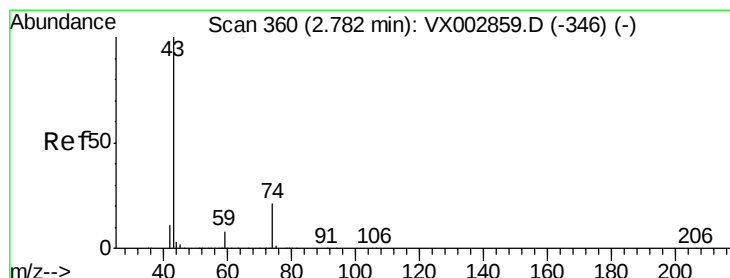
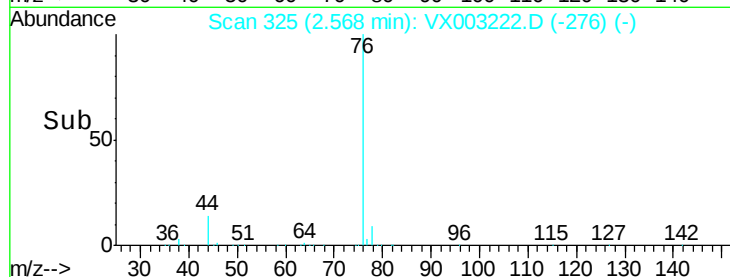
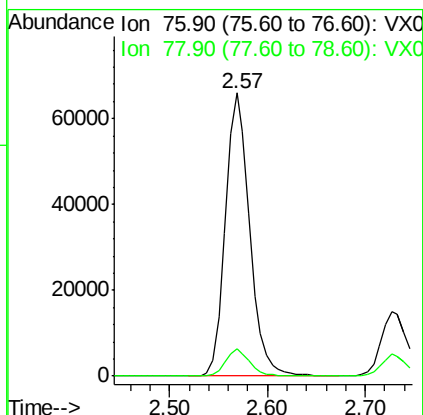
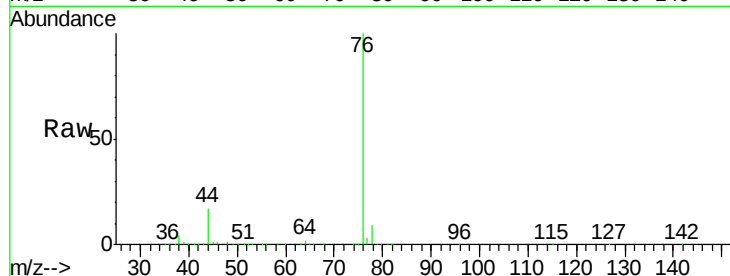




#17
Carbon Disulfide
Concen: 18.83 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

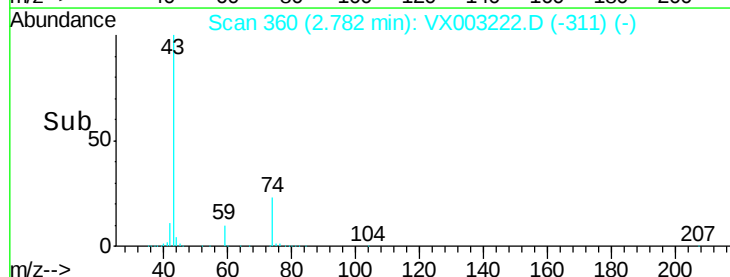
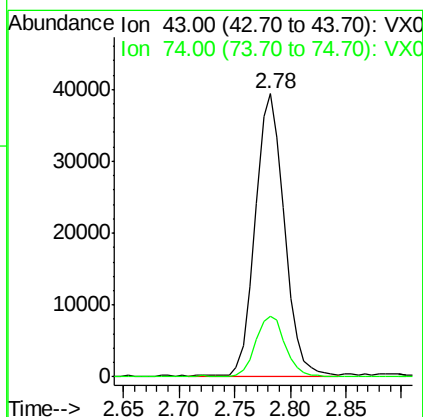
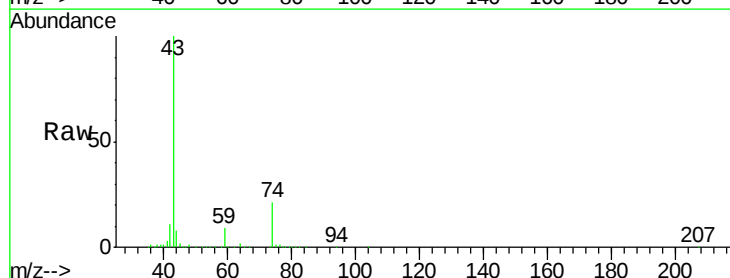
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

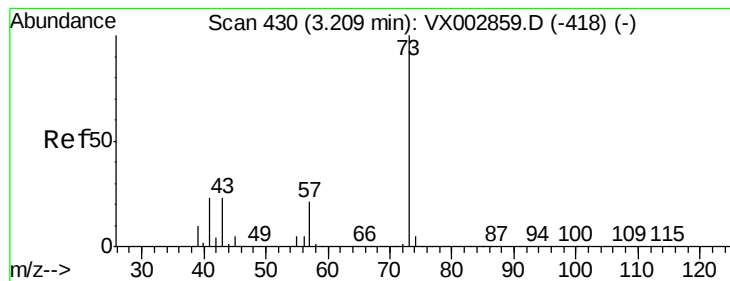
Tot Ion: 76 Resp: 113585
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 19.44 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion: 43 Resp: 71421
Ion Ratio Lower Upper
43 100
74 21.6 16.7 25.1



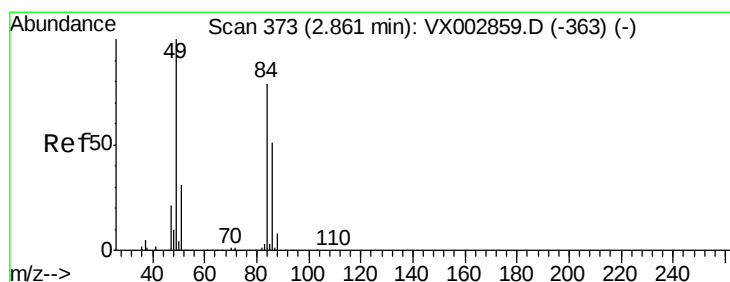
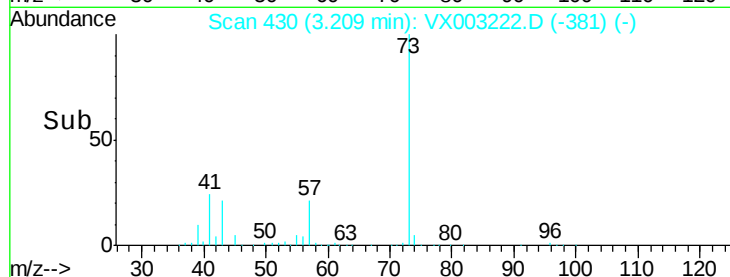
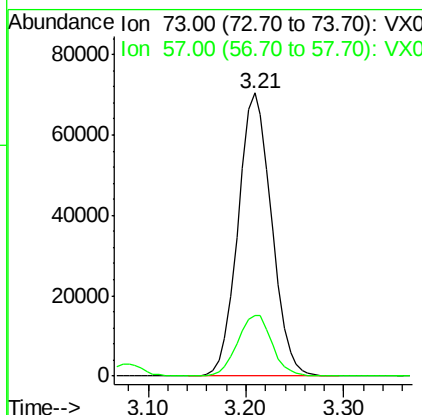
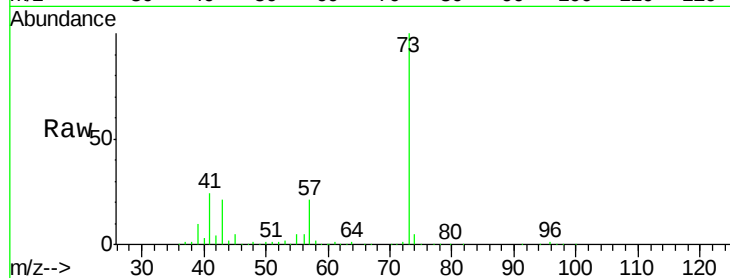


#19

Methyl tert-butyl Ether
 Concen: 20.56 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

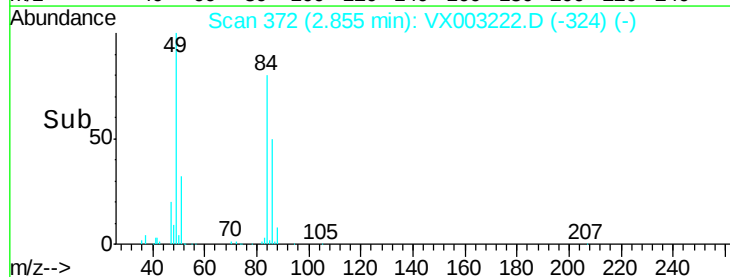
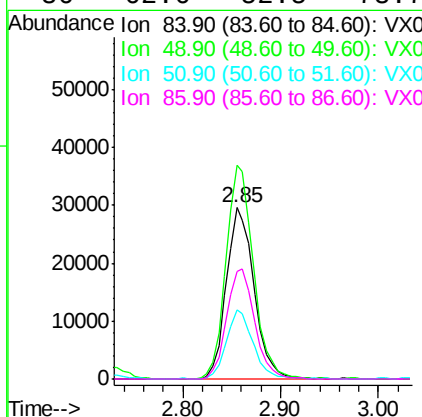
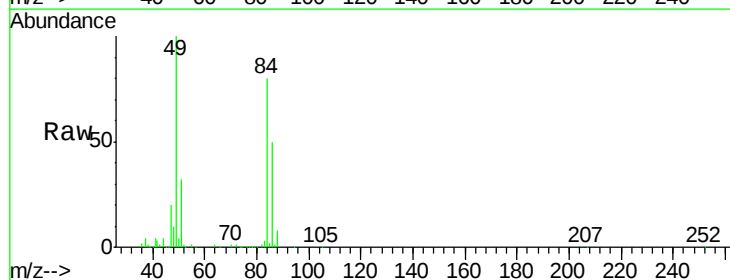
Tot Ion: 73 Resp: 167331
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.7 26.5

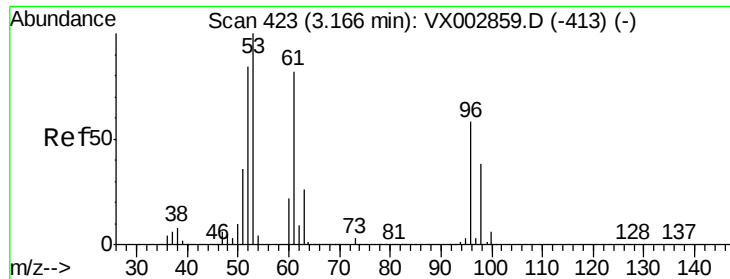


#20

Methylene Chloride
 Concen: 22.76 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.01 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Tgt Ion: 84 Resp: 58175
 Ion Ratio Lower Upper
 84 100
 49 124.5 107.8 161.6
 51 40.1 32.8 49.2
 86 62.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.65 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

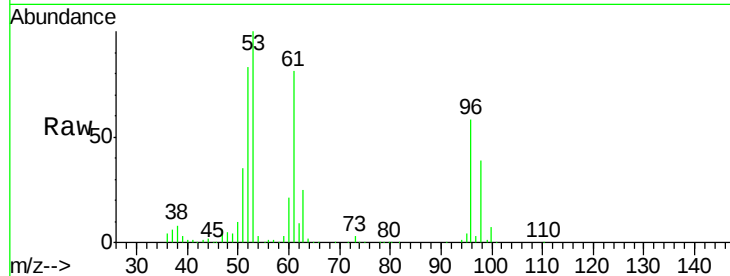
Tot Ion: 96 Resp: 48440

Ion Ratio Lower Upper

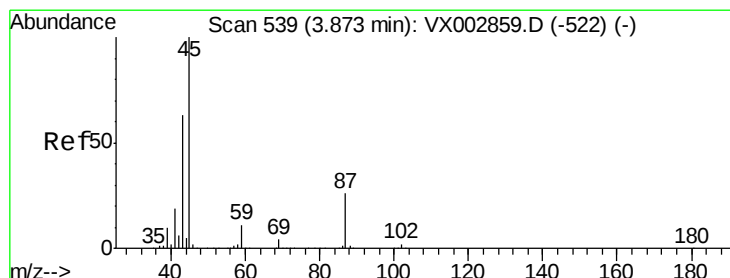
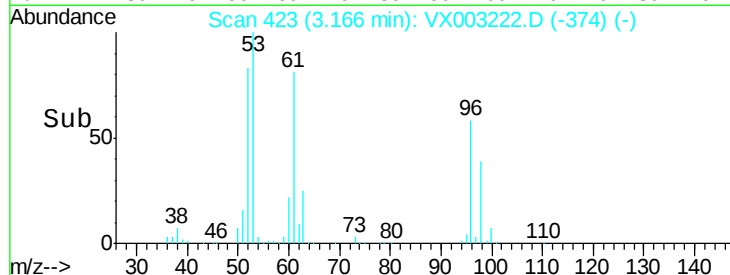
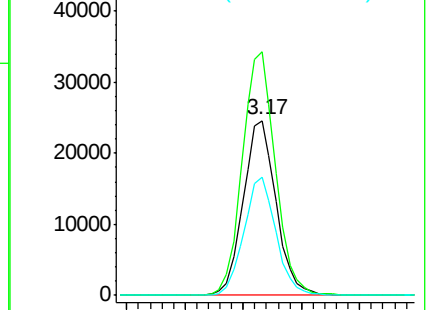
96 100

61 138.9 117.0 175.4

98 67.3 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: 21.76 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Tgt Ion: 45 Resp: 185586

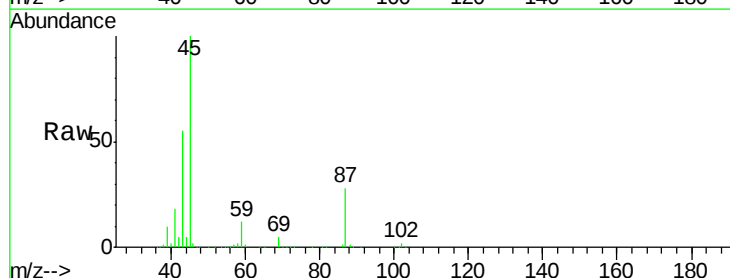
Ion Ratio Lower Upper

45 100

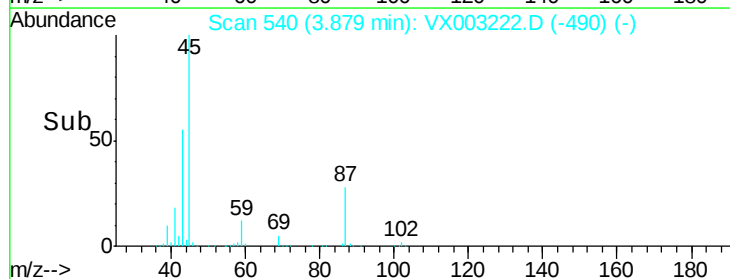
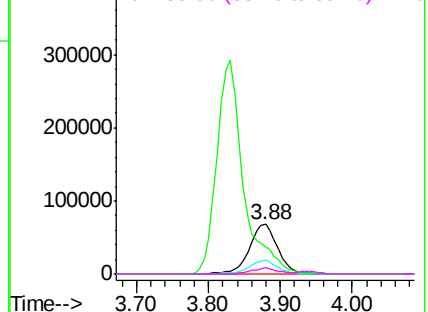
43 54.5 46.8 70.2

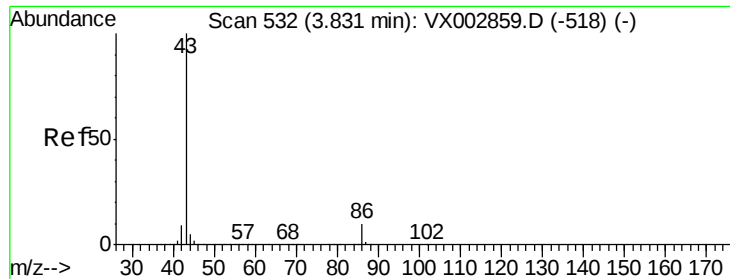
87 27.7 20.2 30.4

59 11.8 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: 104.26 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

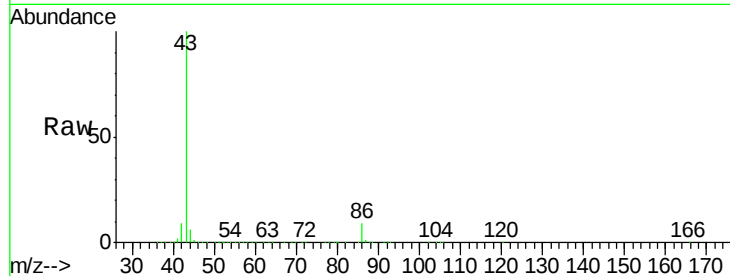
VX0706WBS01

Tot Ion: 43 Resp: 752964

Ion Ratio Lower Upper

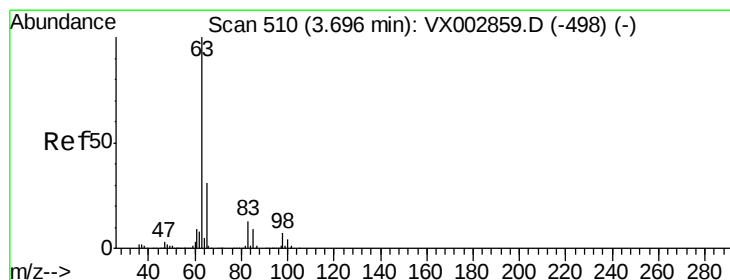
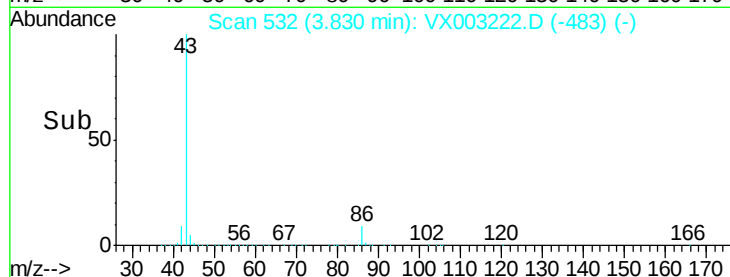
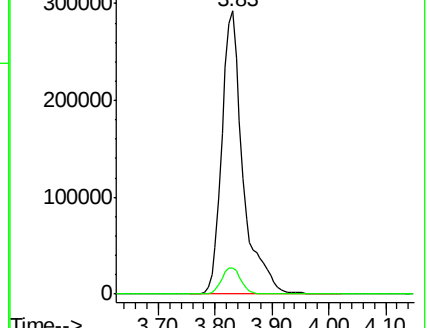
43 100

86 9.4 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: 20.52 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

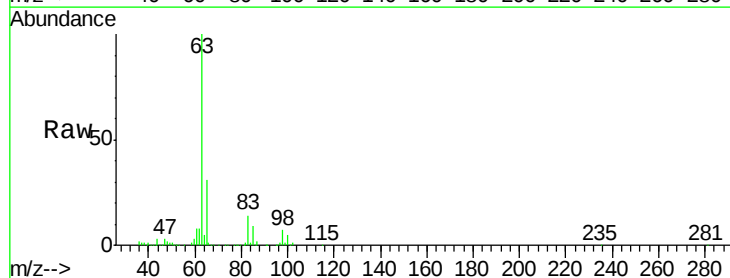
Tgt Ion: 63 Resp: 95107

Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

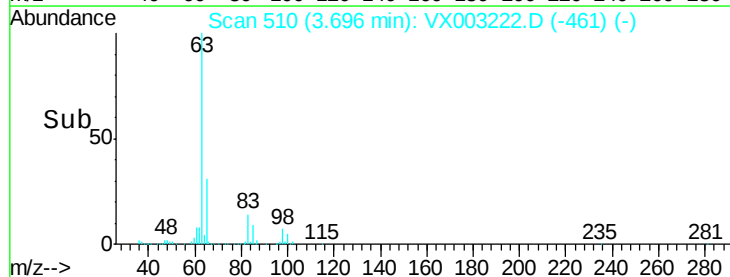
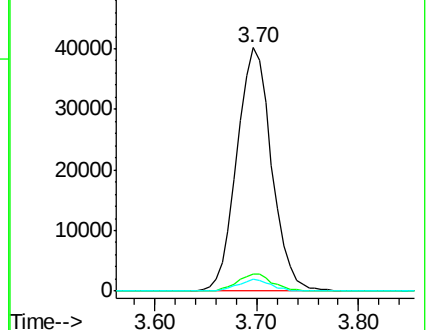
100 5.0 2.0 6.0

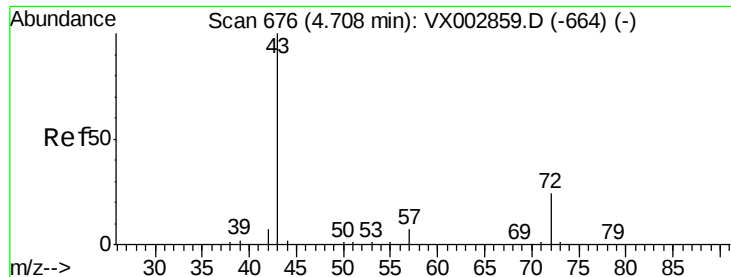


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 110.49 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

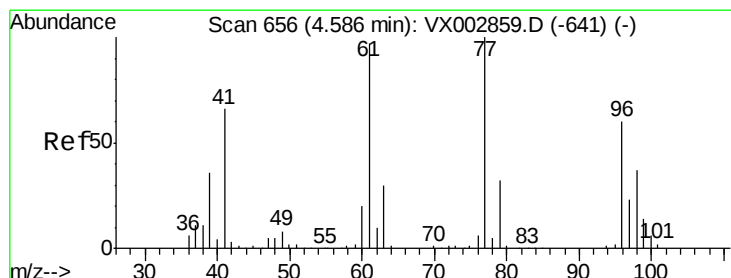
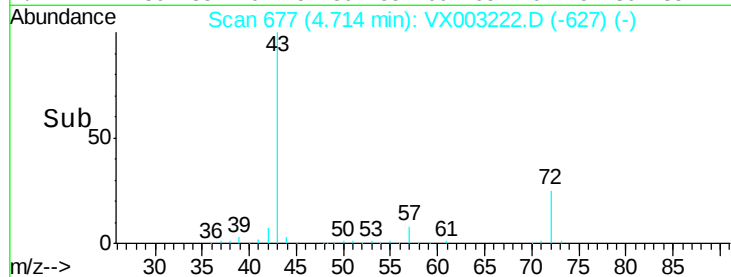
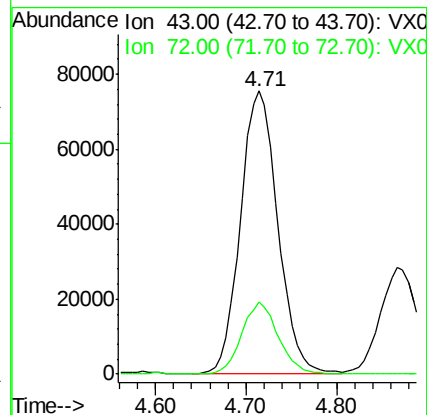
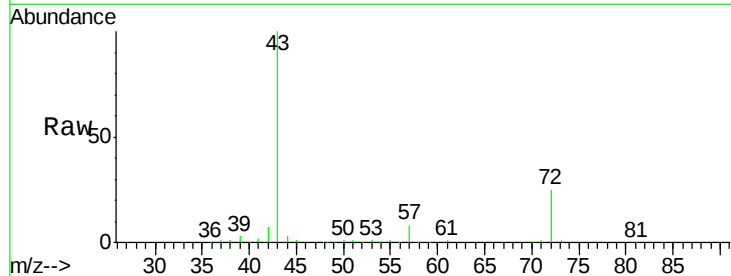
VX0706WBS01

Tot Ion: 43 Resp: 215416

Ion Ratio Lower Upper

43 100

72 25.3 18.5 27.7



#26

2,2-Dichloropropane

Concen: 20.88 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003222.D

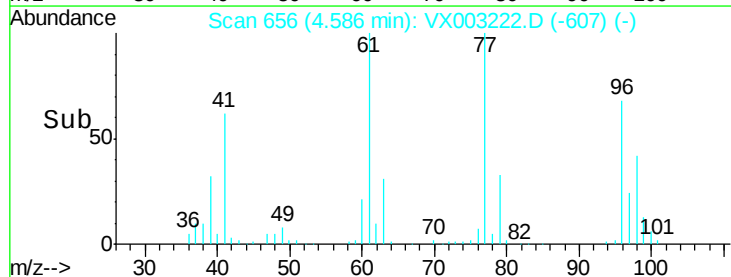
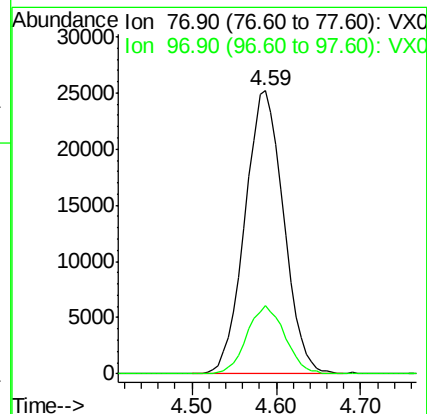
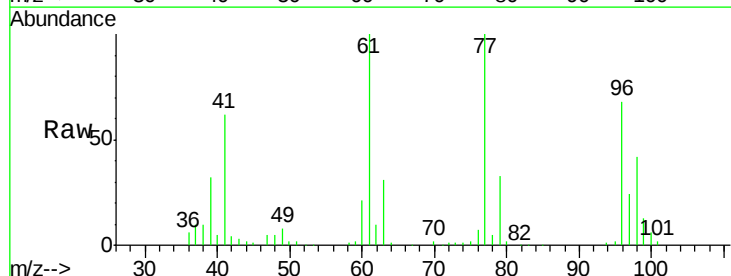
Acq: 06 Jul 2018 19:46

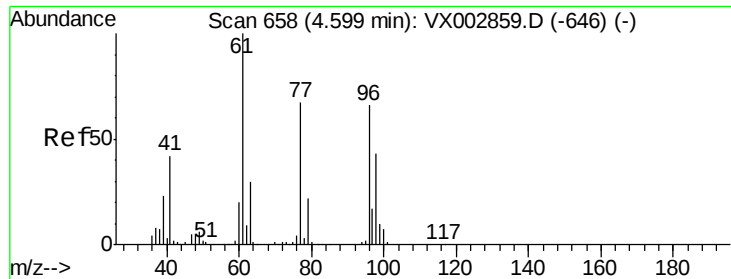
Tgt Ion: 77 Resp: 78688

Ion Ratio Lower Upper

77 100

97 23.7 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 22.04 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

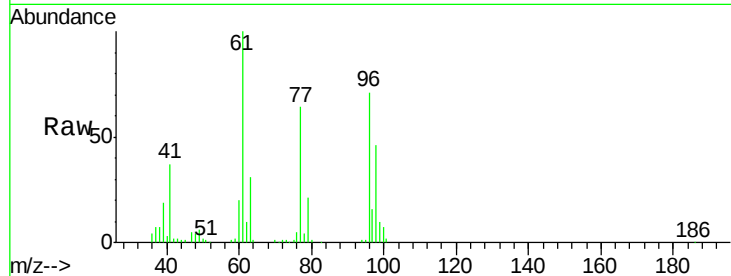
Tot Ion: 96 Resp: 60933

Ion Ratio Lower Upper

96 100

61 168.2 0.0 330.2

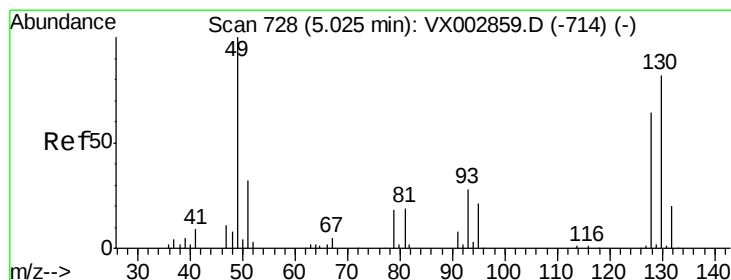
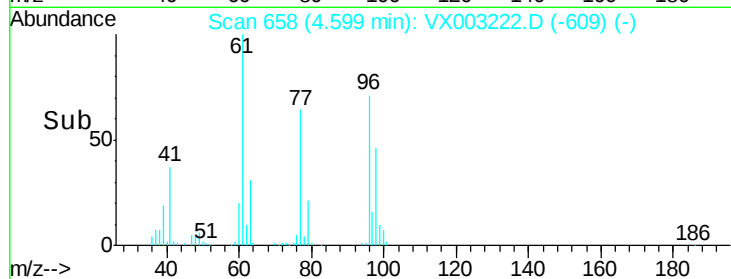
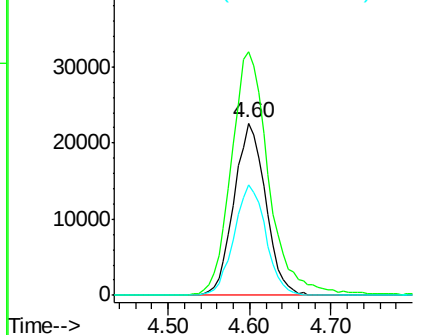
98 64.4 0.0 130.2



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: 20.24 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

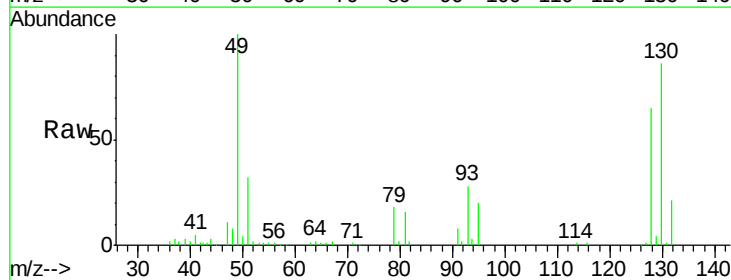
Tgt Ion: 49 Resp: 44912

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

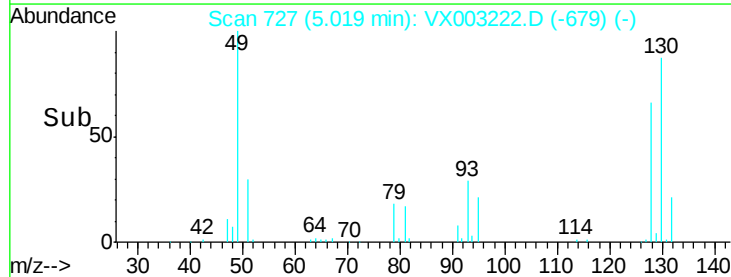
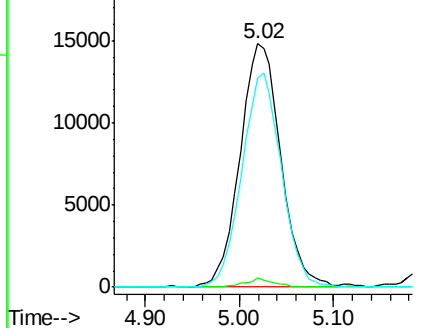
130 85.3 61.2 91.8

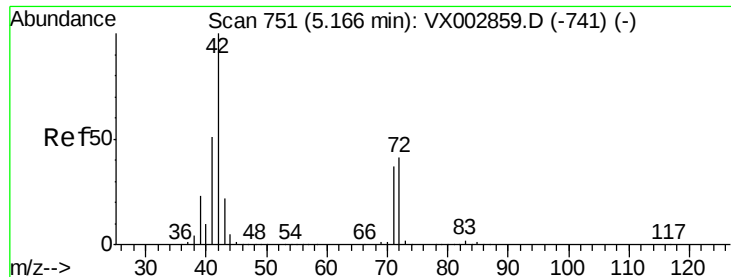


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

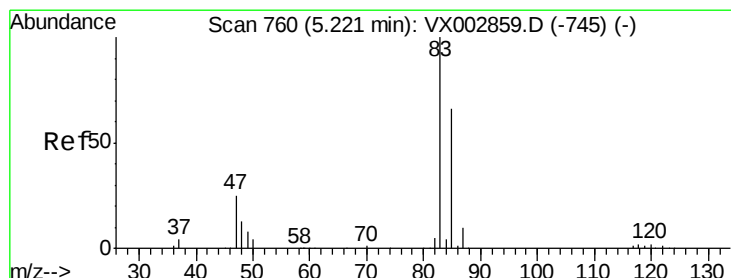
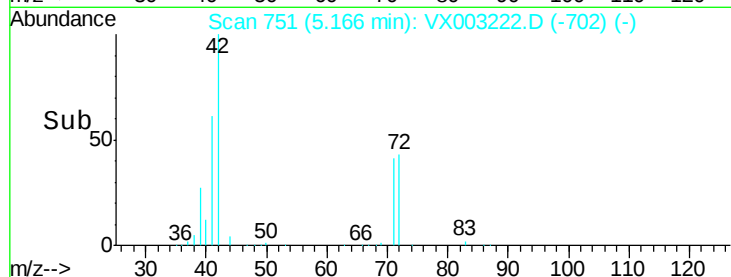
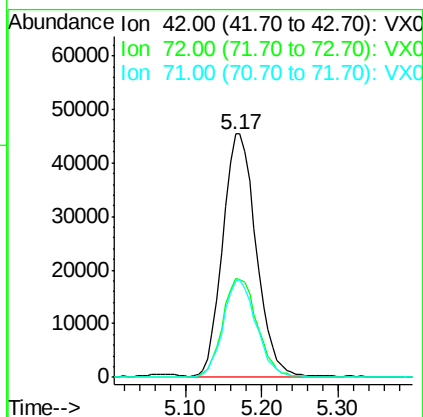
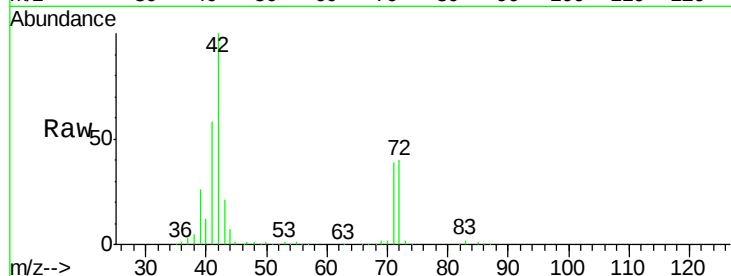




#29
Tetrahydrofuran
Concen: 109.58 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

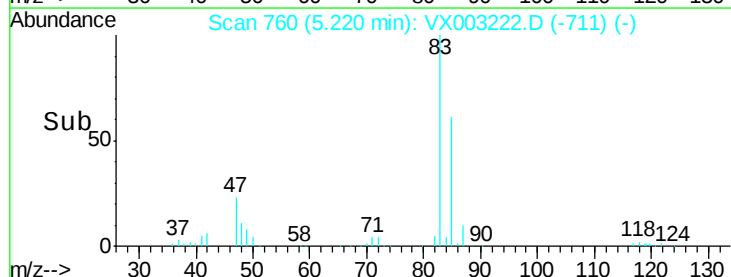
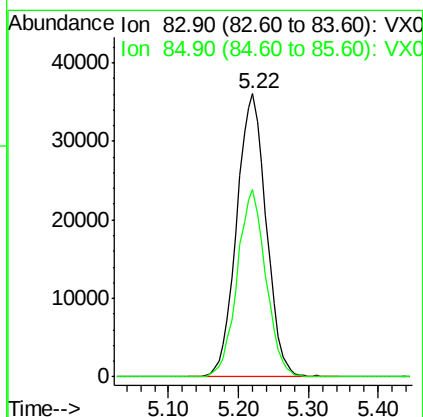
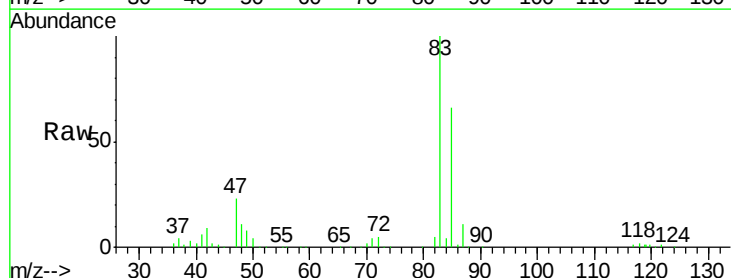
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

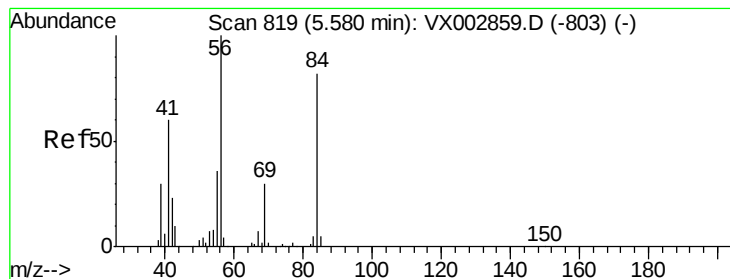
Tot Ion: 42 Resp: 137001
Ion Ratio Lower Upper
42 100
72 42.4 32.0 48.0
71 39.7 30.1 45.1



#30
Chloroform
Concen: 22.26 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion: 83 Resp: 105896
Ion Ratio Lower Upper
83 100
85 66.1 50.4 75.6





#31

Cyclohexane

Concen: 20.68 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

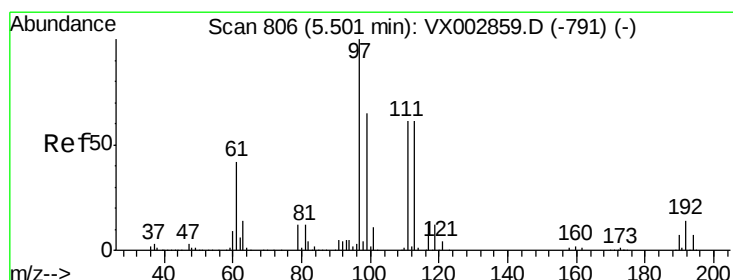
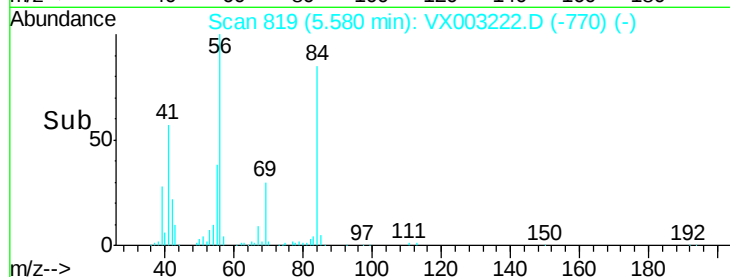
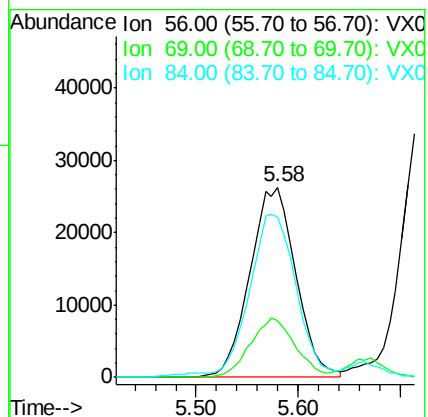
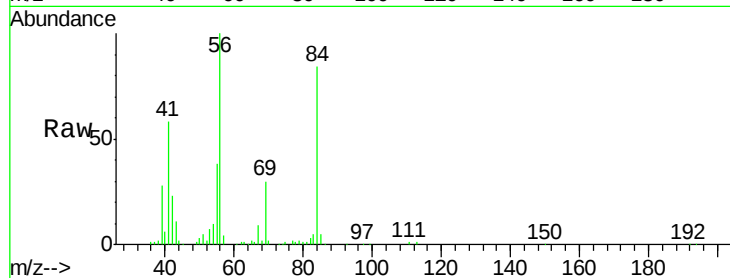
Tot Ion: 56 Resp: 82284

Ion Ratio Lower Upper

56 100

69 30.1 23.7 35.5

84 82.3 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 21.57 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

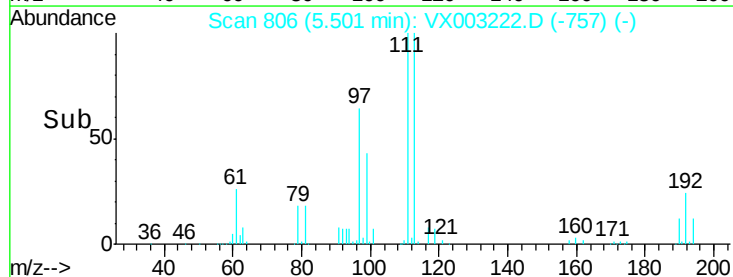
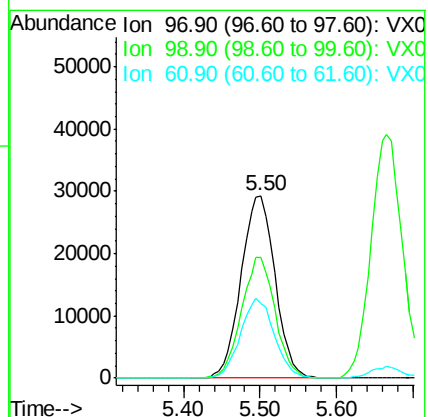
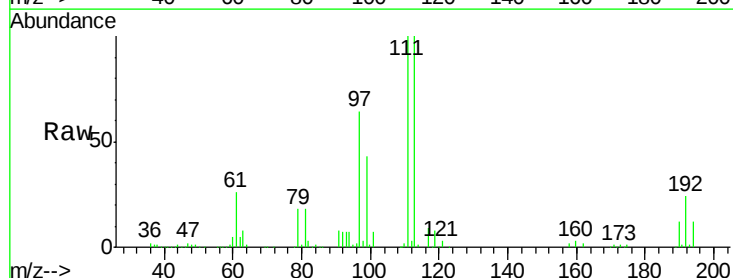
Tgt Ion: 97 Resp: 90291

Ion Ratio Lower Upper

97 100

99 65.6 51.6 77.4

61 43.7 36.4 54.6

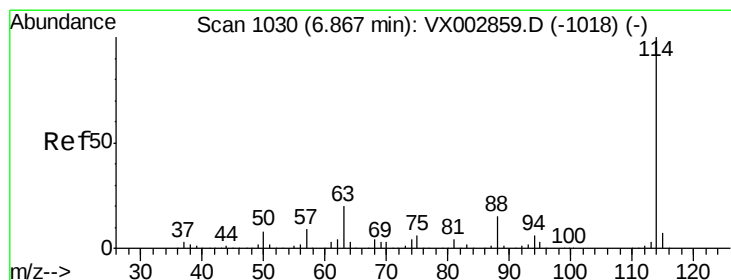
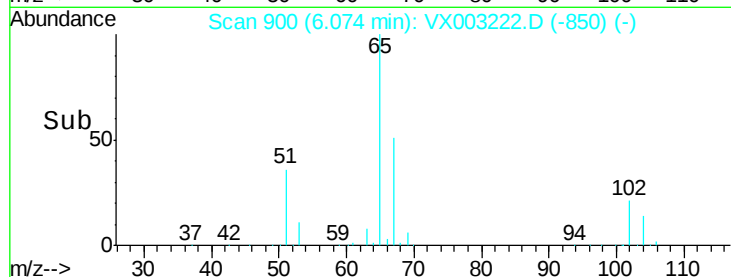
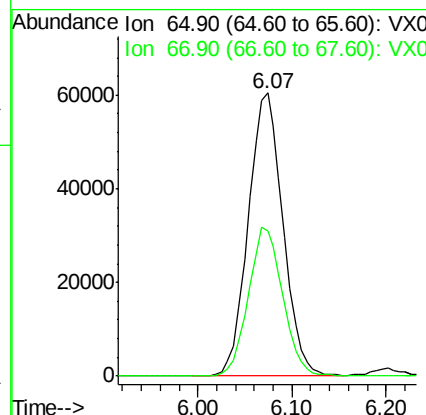
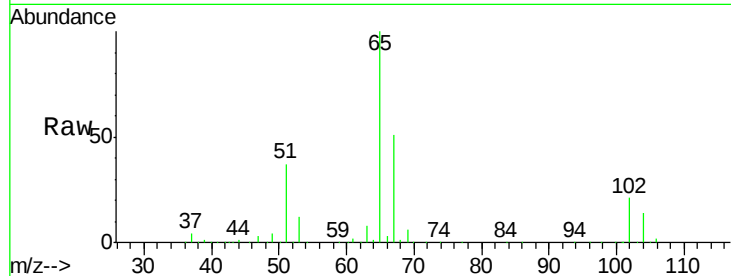




#33
 1,2-Dichloroethane-d4
 Concen: 49.04 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

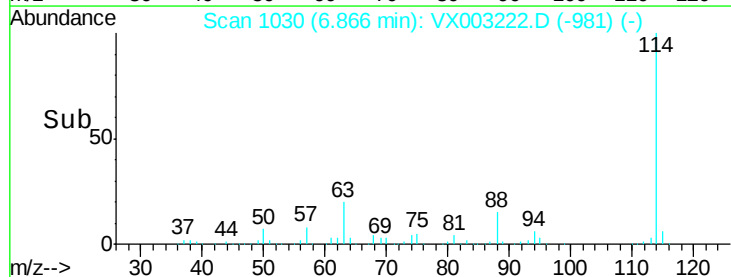
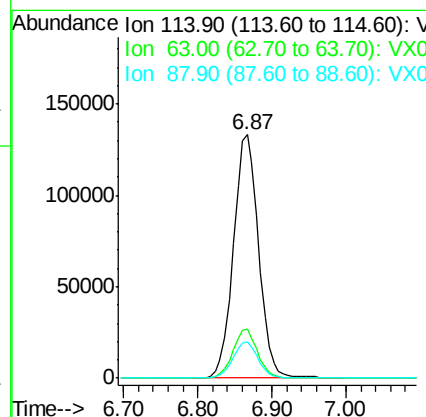
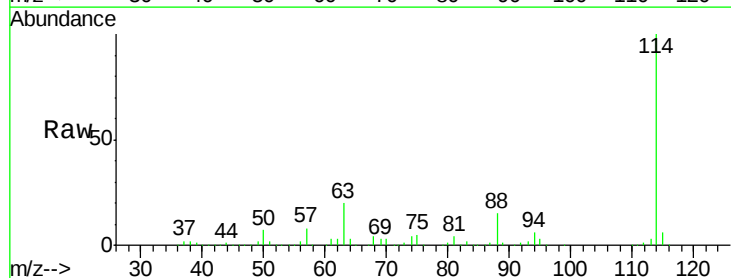
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

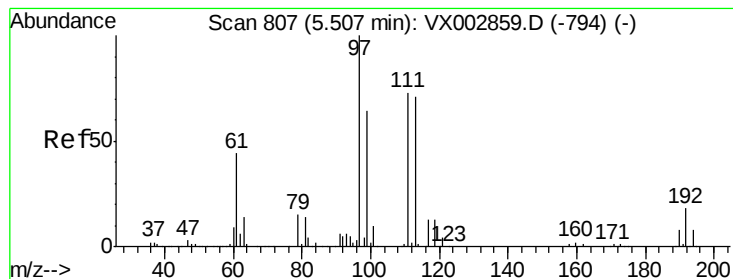
Tot Ion: 65 Resp: 155579
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Tgt Ion: 114 Resp: 314338
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 54.15 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

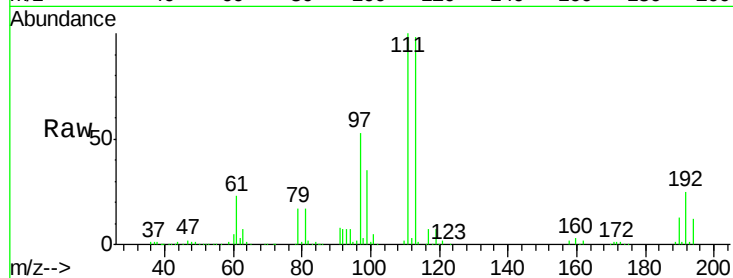
Tot Ion:113 Resp: 134791

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

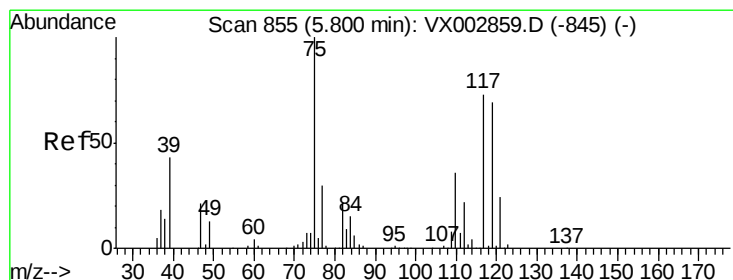
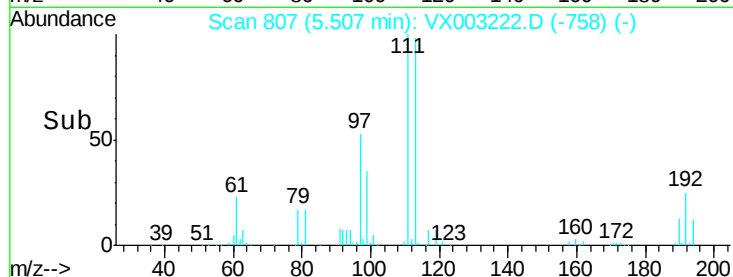
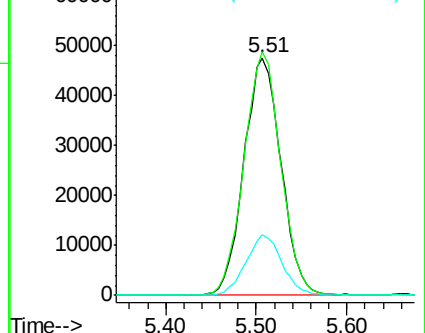
192 24.9 19.1 28.7



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: 21.25 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

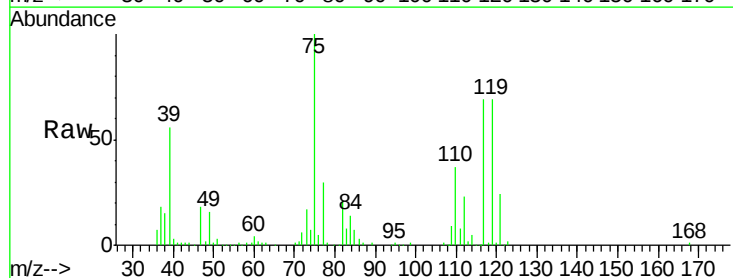
Tgt Ion: 75 Resp: 73237

Ion Ratio Lower Upper

75 100

110 37.8 18.1 54.4

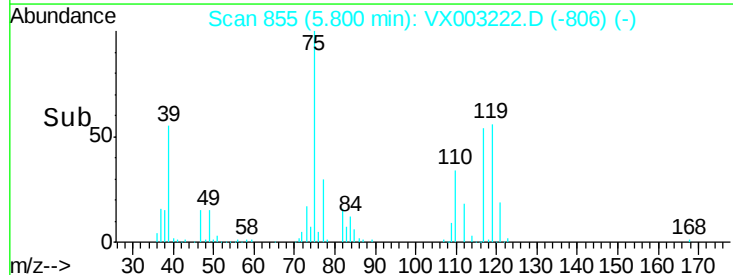
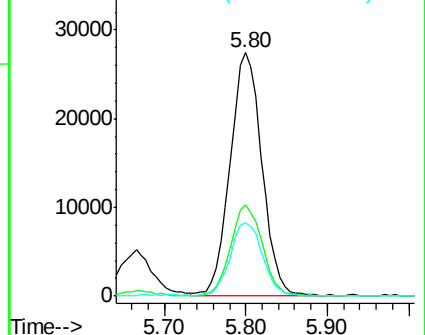
77 30.2 24.3 36.5

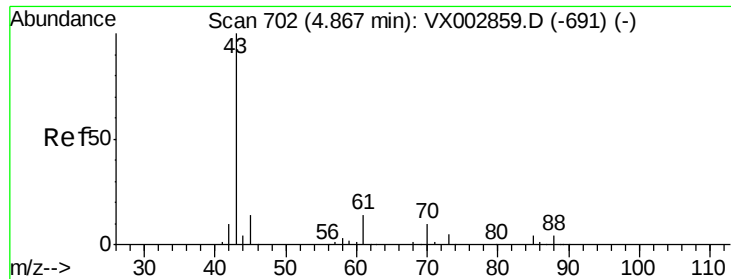


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

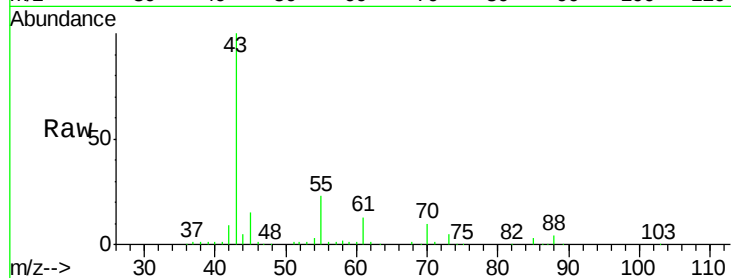




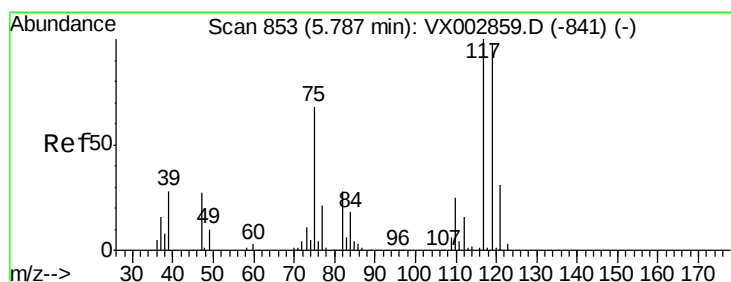
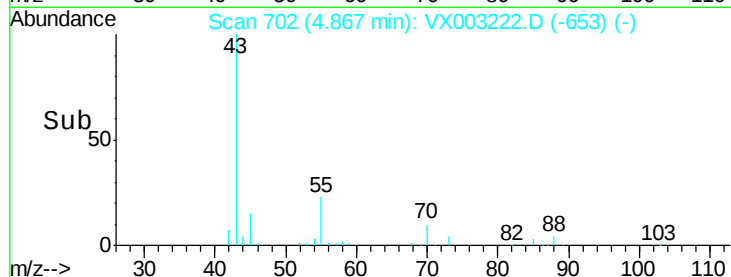
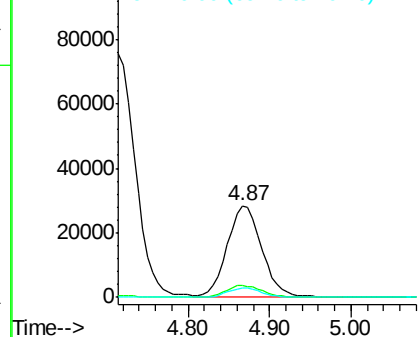
#37
Ethyl Acetate
Concen: 22.27 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampled :
VX0706WBS01

Tot Ion: 43 Resp: 82663
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 10.4 7.6 11.4

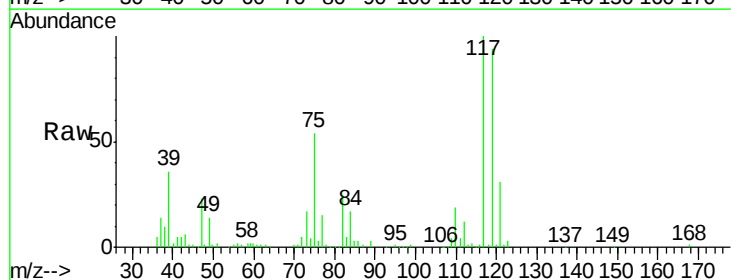


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

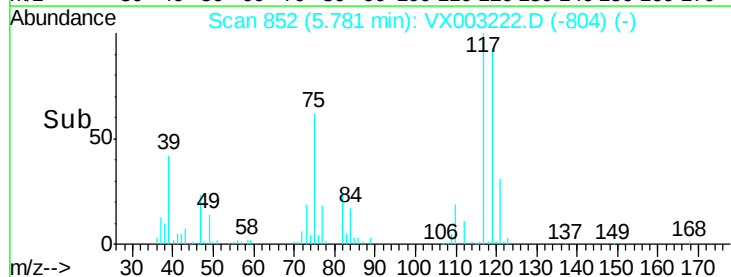
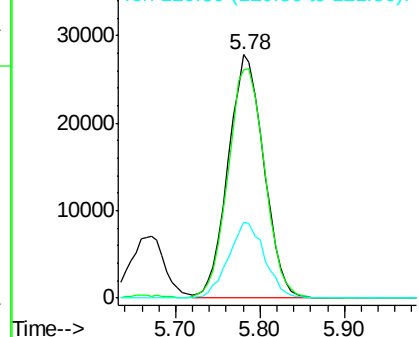


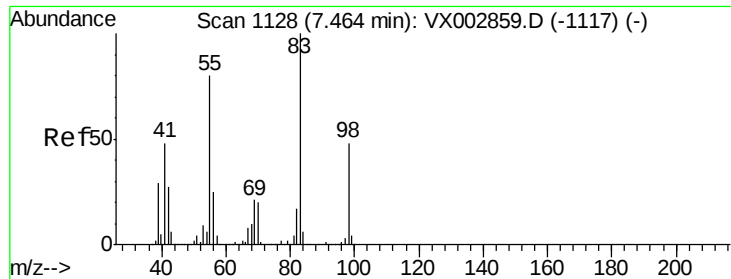
#38
Carbon Tetrachloride
Concen: 21.11 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion: 117 Resp: 79867
Ion Ratio Lower Upper
117 100
119 93.6 77.4 116.0
121 31.1 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

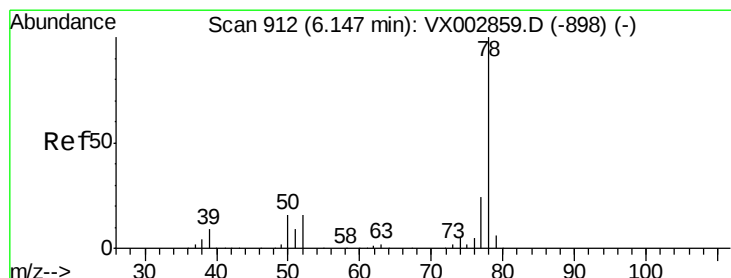
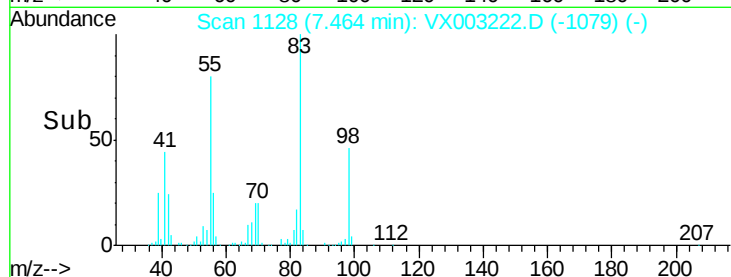
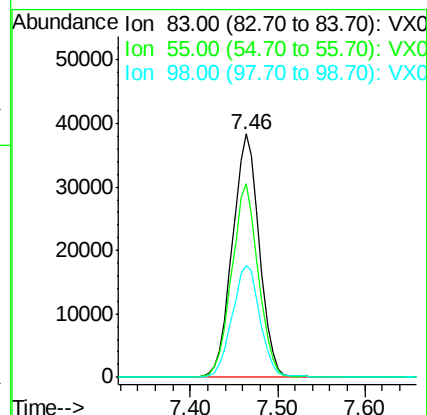
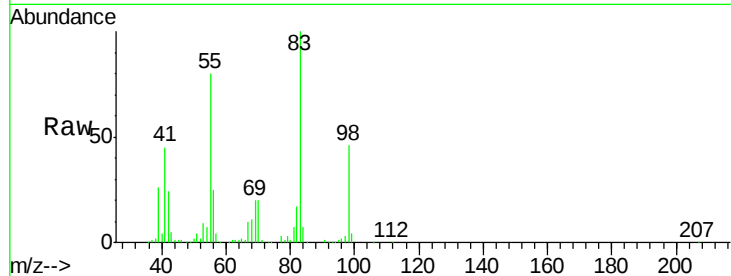




#39
Methvlcvclohexane
Concen: 20.49 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

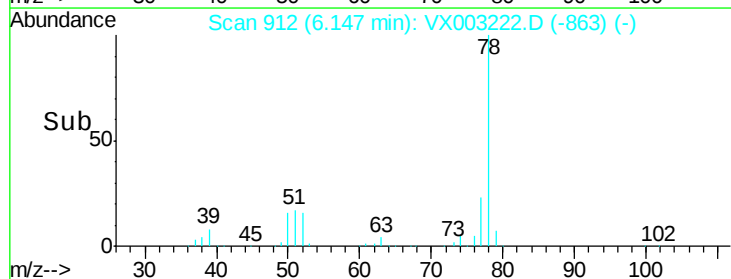
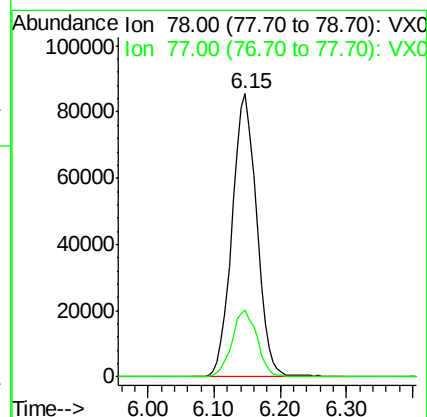
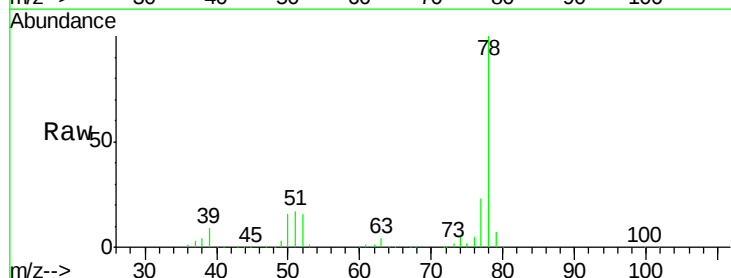
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

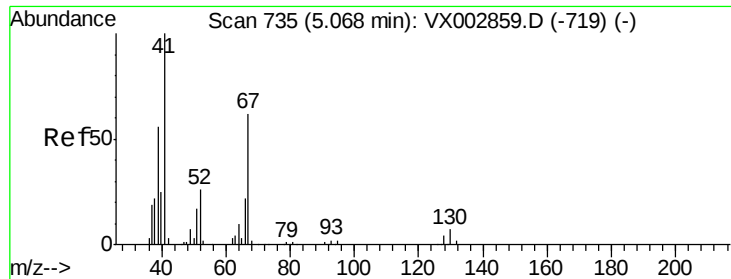
Tot Ion: 83 Resp: 82256
Ion Ratio Lower Upper
83 100
55 79.5 65.4 98.0
98 45.9 37.4 56.0



#40
Benzene
Concen: 22.12 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion: 78 Resp: 221507
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

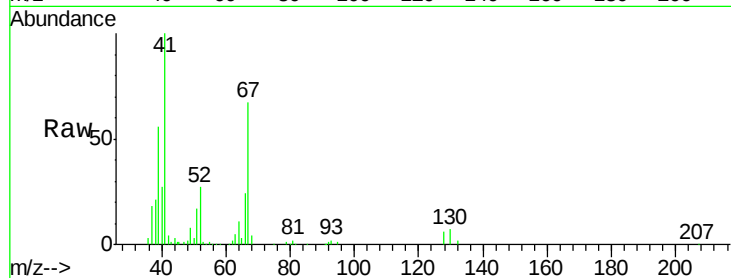




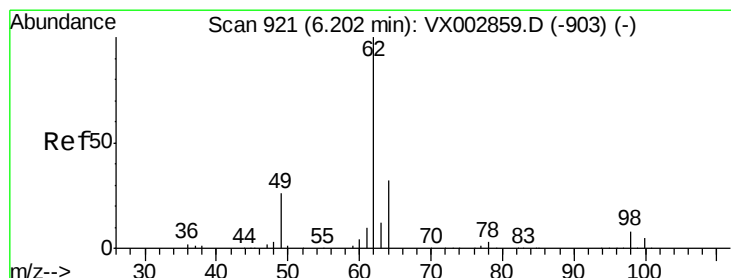
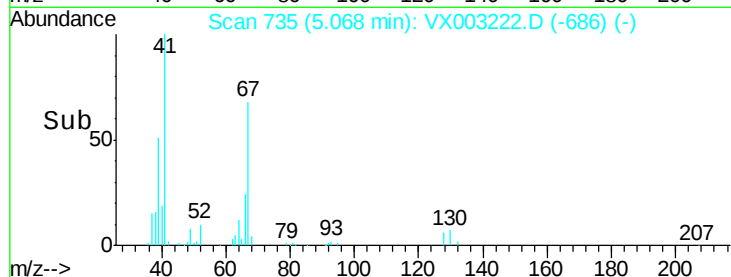
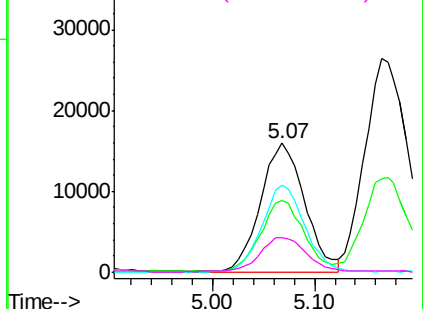
#41
Methacrylonitrile
Concen: 22.36 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampled :
VX0706WBS01

Tot Ion:	41	Resp:	47793
Ion	Ratio	Lower	Upper
41	100		
39	54.1	45.8	68.6
67	66.2	51.3	76.9
52	29.5	23.0	34.6

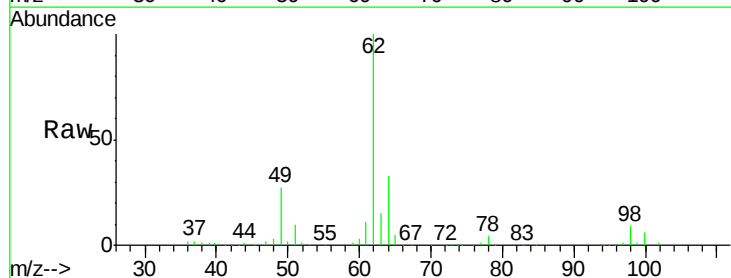


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

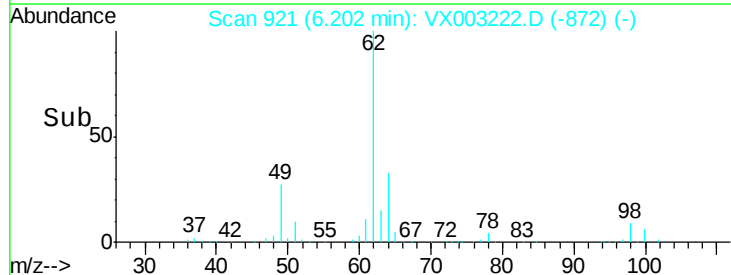
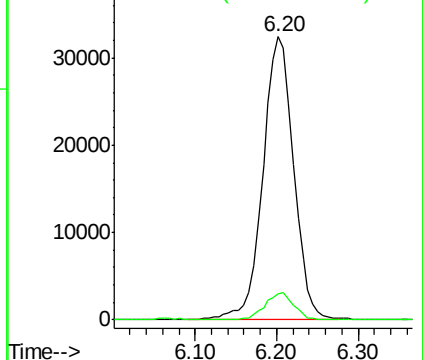


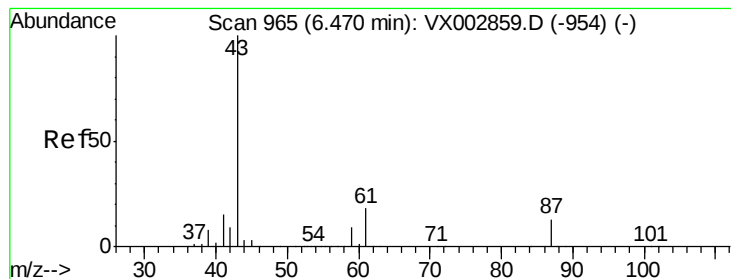
#42
1,2-Dichloroethane
Concen: 20.97 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion:	62	Resp:	84850
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.6



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



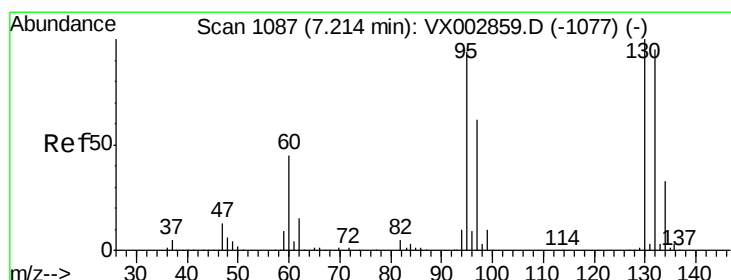
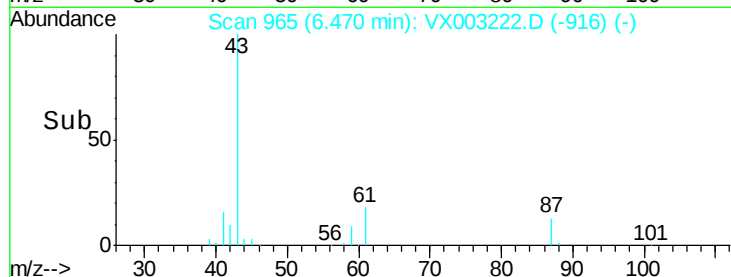
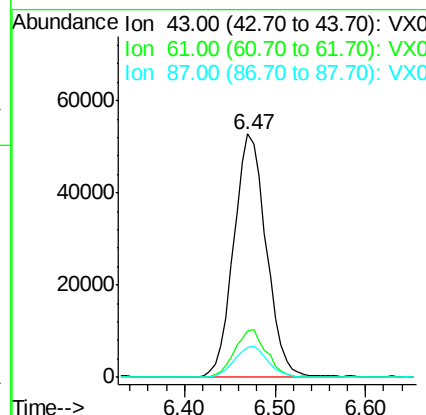
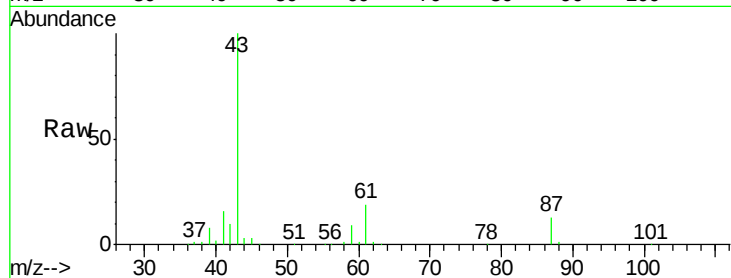


#43

Isopropyl Acetate
 Concen: 21.03 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

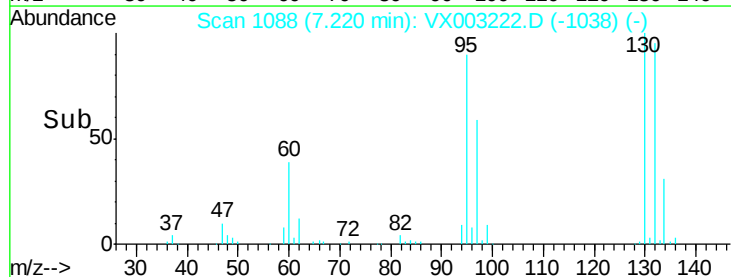
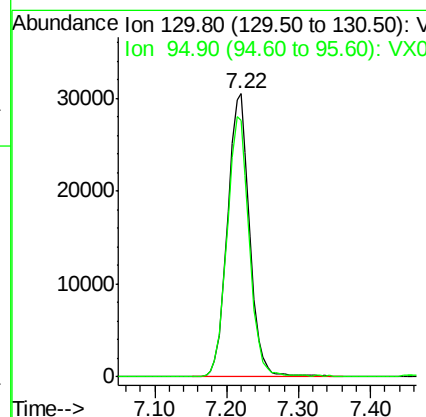
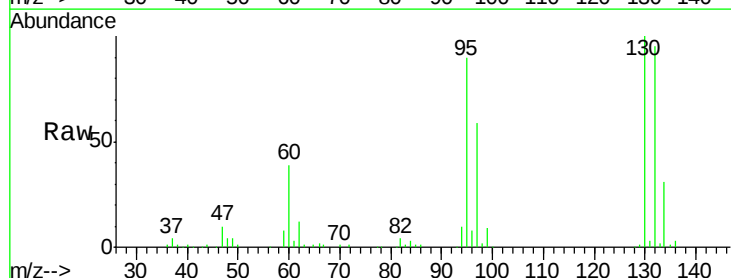
Tot Ion: 43 Resp: 130899
 Ion Ratio Lower Upper
 43 100
 61 19.3 14.4 21.6
 87 12.9 9.5 14.3



#44

Trichloroethene
 Concen: 21.82 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Tgt Ion:130 Resp: 65160
 Ion Ratio Lower Upper
 130 100
 95 90.4 0.0 185.4





#45

1,2-Dichloropropane

Concen: 22.08 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

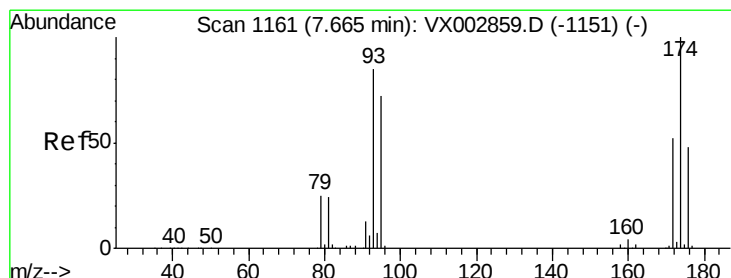
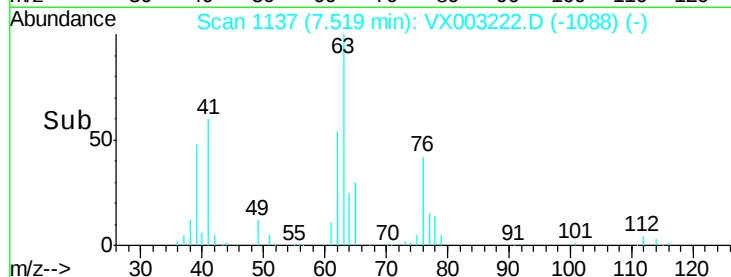
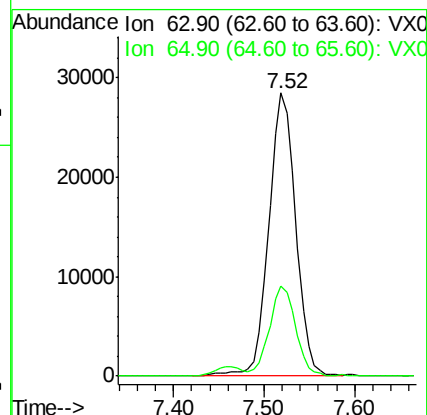
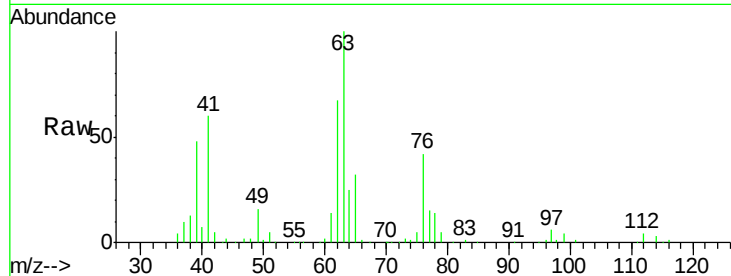
VX0706WBS01

Tot Ion: 63 Resp: 58665

Ion Ratio Lower Upper

63 100

65 31.8 24.7 37.1



#46

Dibromomethane

Concen: 21.60 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

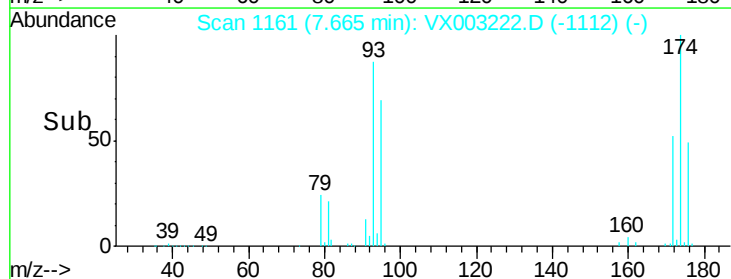
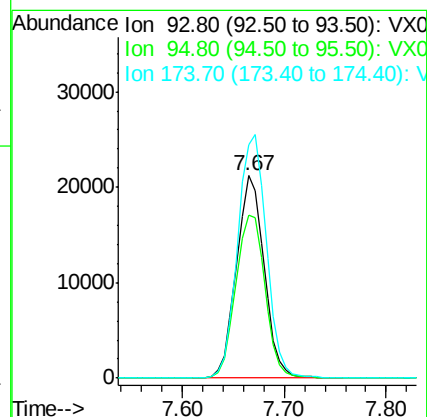
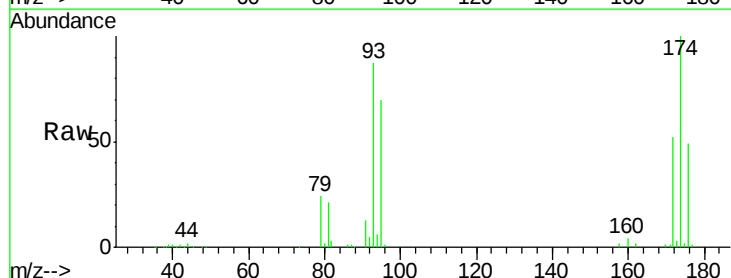
Tgt Ion: 93 Resp: 39822

Ion Ratio Lower Upper

93 100

95 85.4 65.9 98.9

174 124.6 92.4 138.6





#47

Bromodichloromethane

Concen: 21.52 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

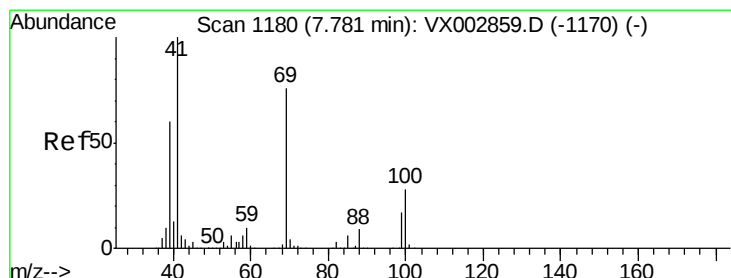
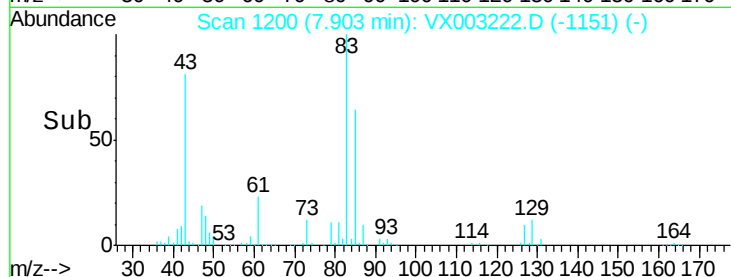
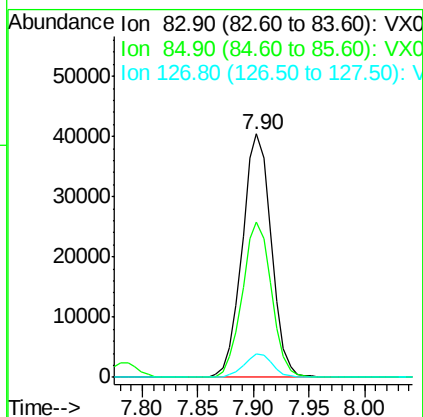
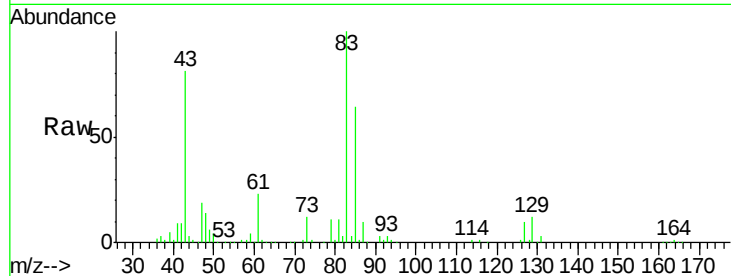
Tot Ion: 83 Resp: 73361

Ion Ratio Lower Upper

83 100

85 64.0 50.3 75.5

127 9.6 7.0 10.4



#48

Methyl methacrylate

Concen: 20.32 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

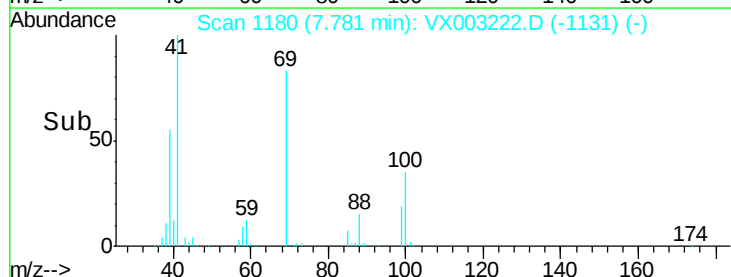
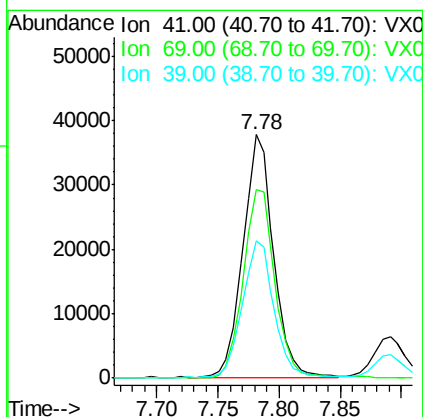
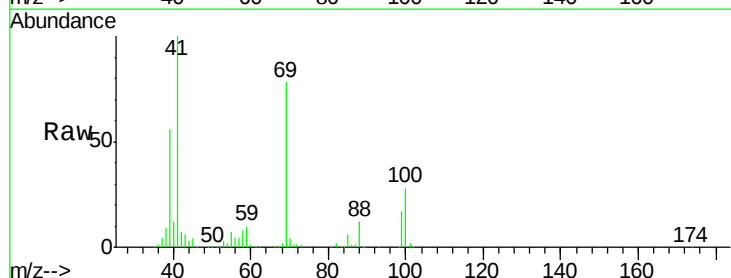
Tgt Ion: 41 Resp: 65185

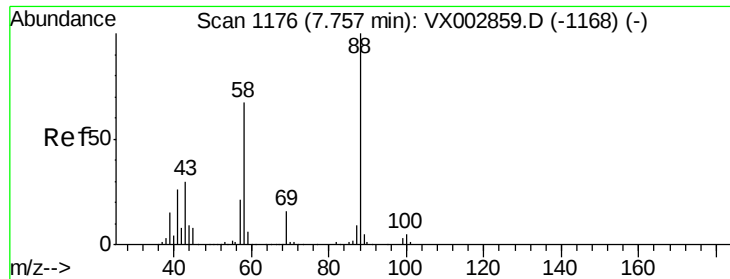
Ion Ratio Lower Upper

41 100

69 81.6 59.1 88.7

39 58.6 48.9 73.3

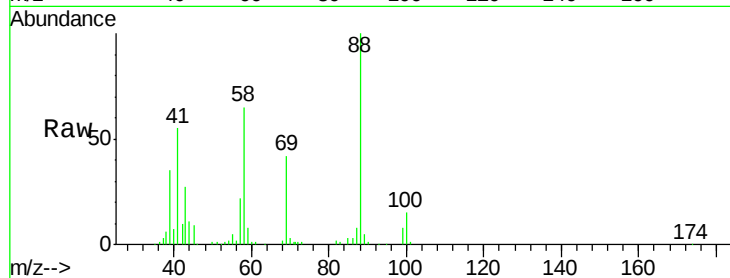




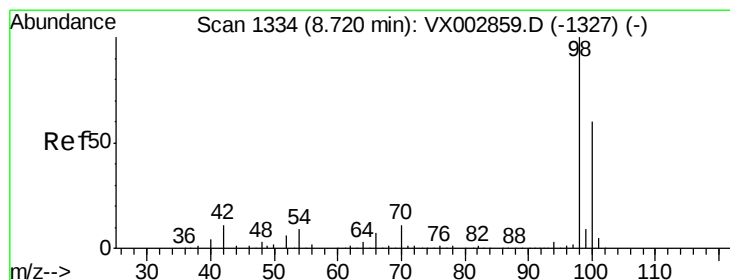
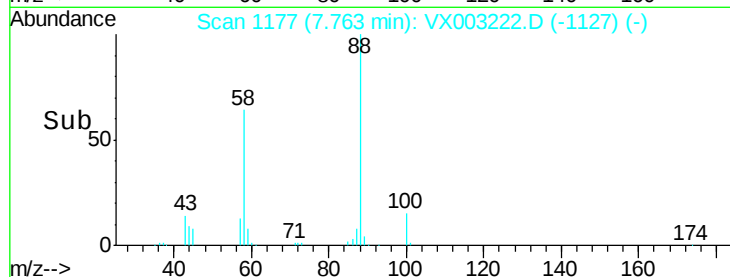
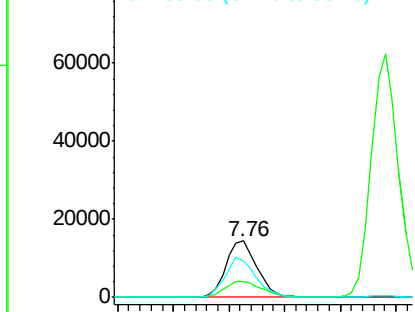
#49
1,4-Dioxane
Concen: 449.64 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion	88	Resp	28058
Ion	Ratio	Lower	Upper
88	100		
43	32.5	29.8	44.6
58	70.6	57.1	85.7

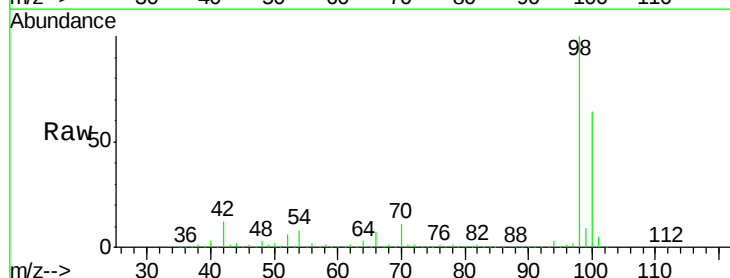


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

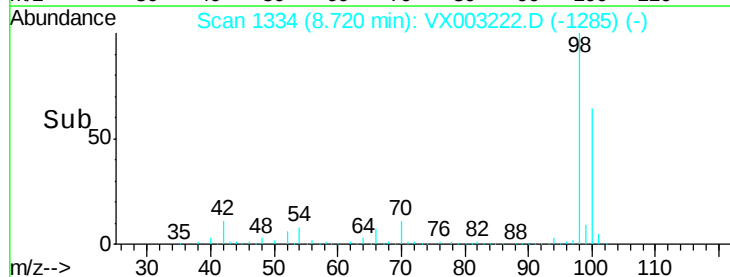
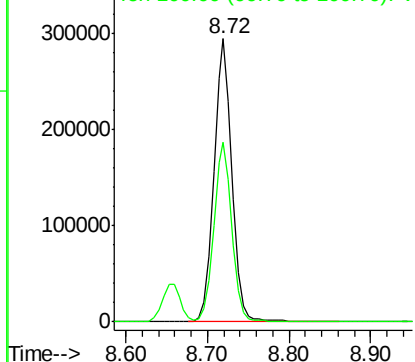


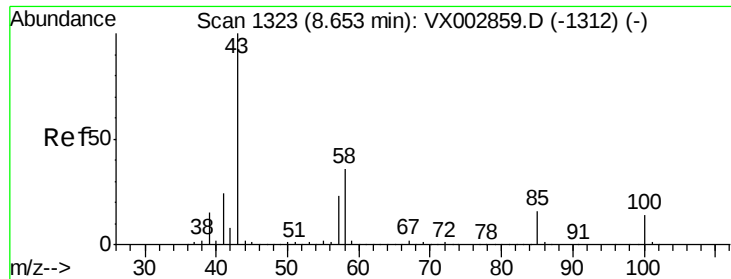
#50
Toluene-d8
Concen: 50.08 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion	98	Resp	455263
Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3



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





#51

4-Methyl-2-Pentanone

Concen: 110.54 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

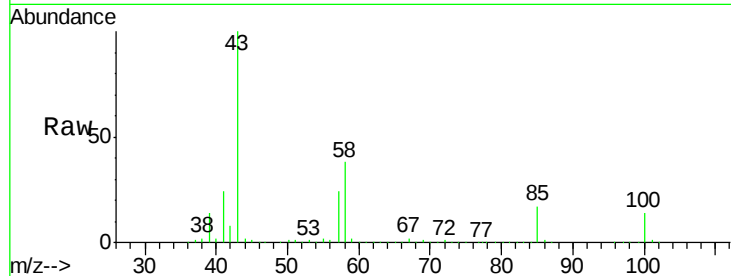
VX0706WBS01

Tot Ion: 43 Resp: 430501

Ion Ratio Lower Upper

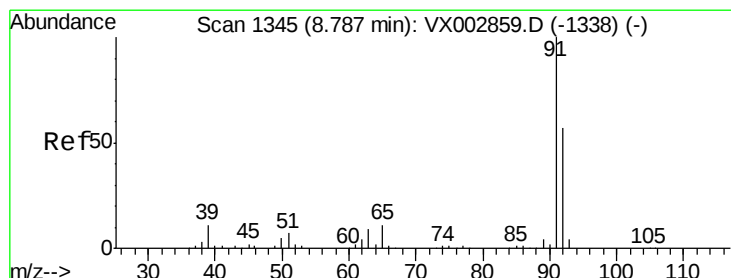
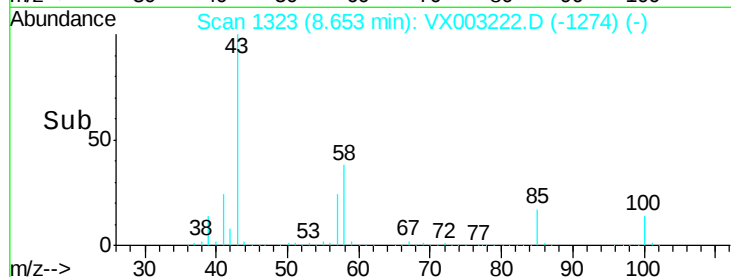
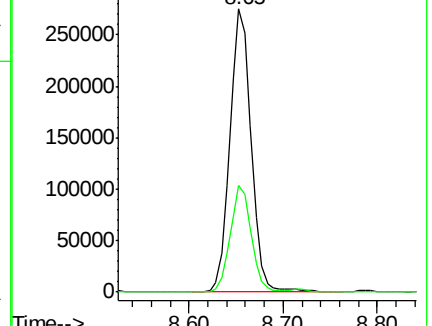
43 100

58 37.0 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: 22.19 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003222.D

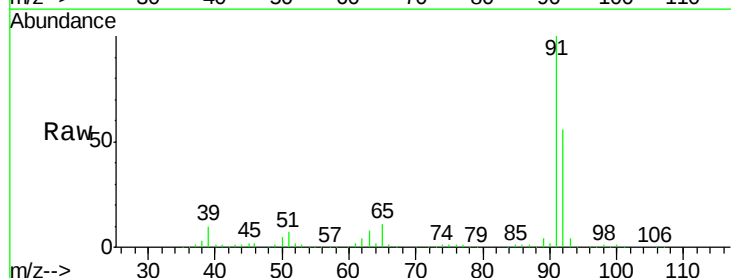
Acq: 06 Jul 2018 19:46

Tgt Ion: 92 Resp: 142383

Ion Ratio Lower Upper

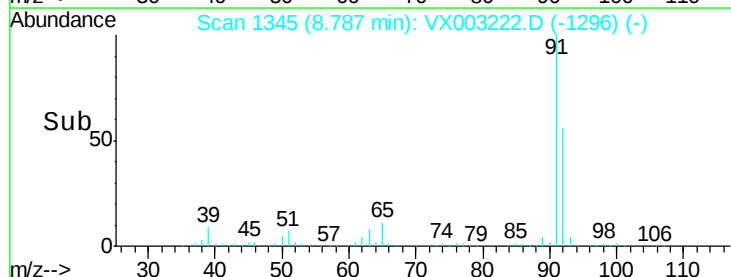
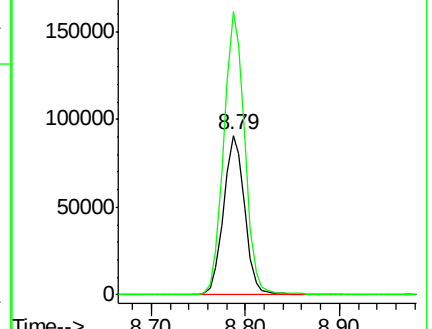
92 100

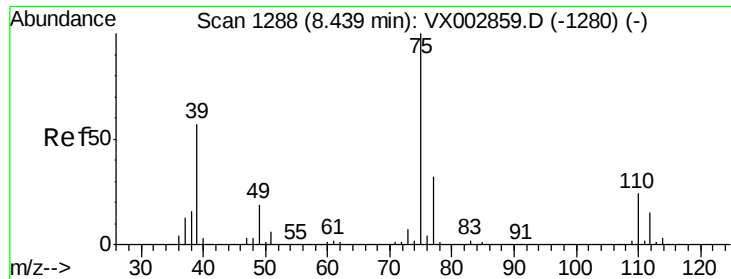
91 175.3 140.4 210.6



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: 22.27 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

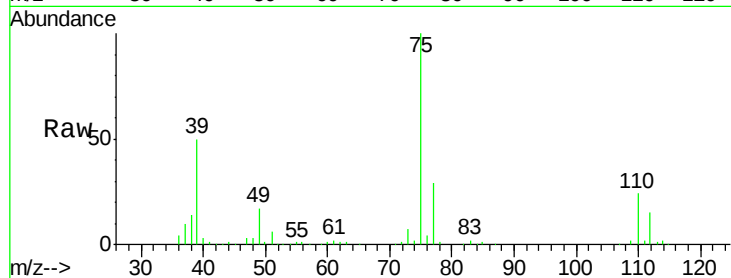
VX0706WBS01

Tot Ion: 75 Resp: 85973

Ion Ratio Lower Upper

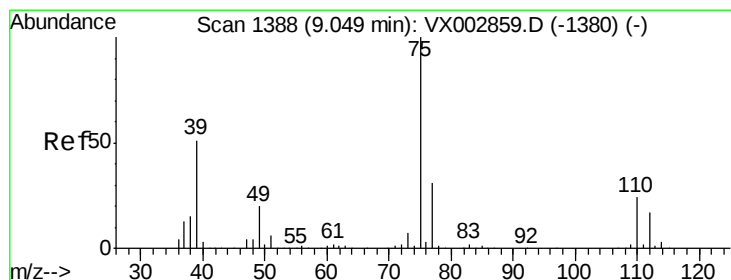
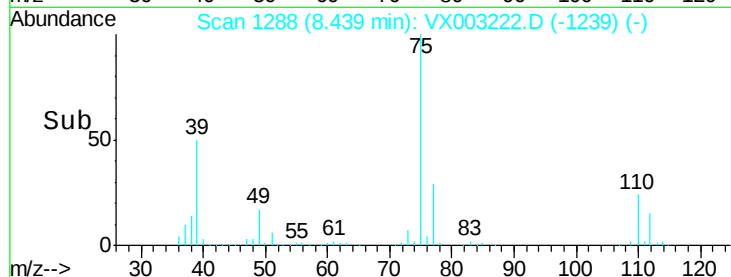
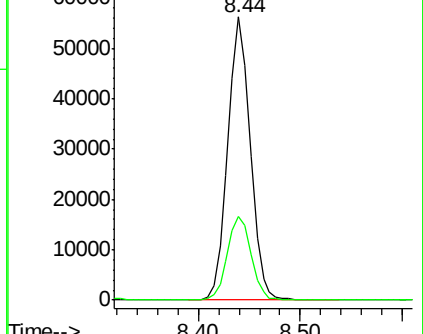
75 100

77 29.4 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: 20.95 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

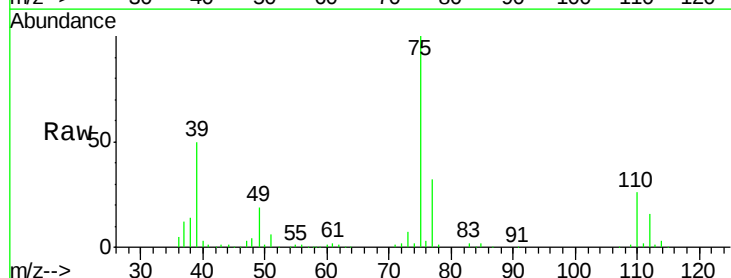
Tgt Ion: 75 Resp: 77812

Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

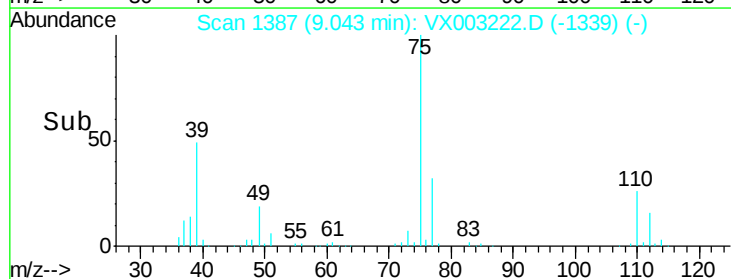
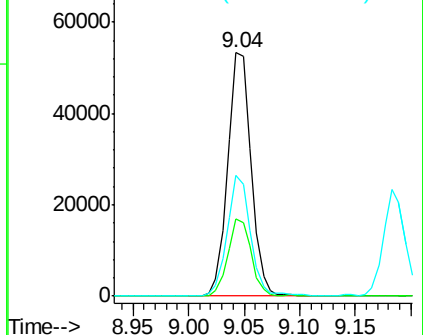
39 49.4 42.4 63.6

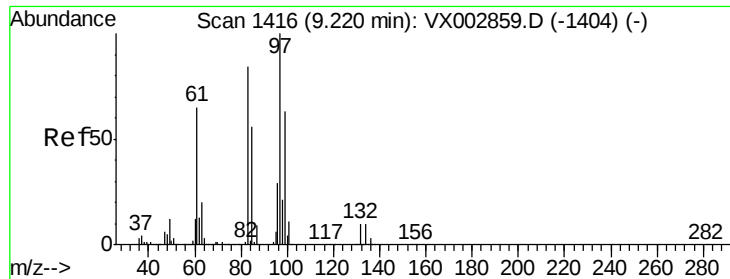


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

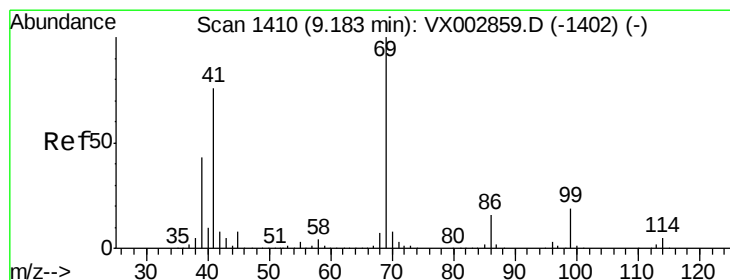
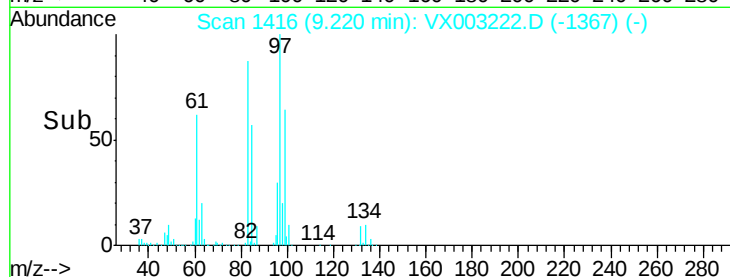
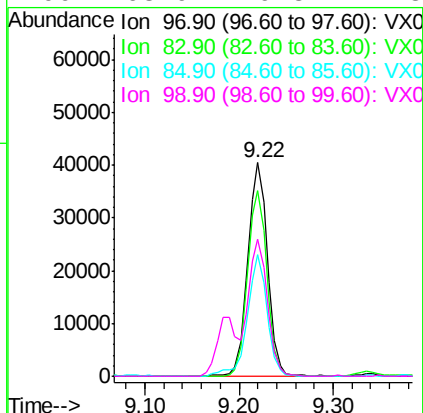
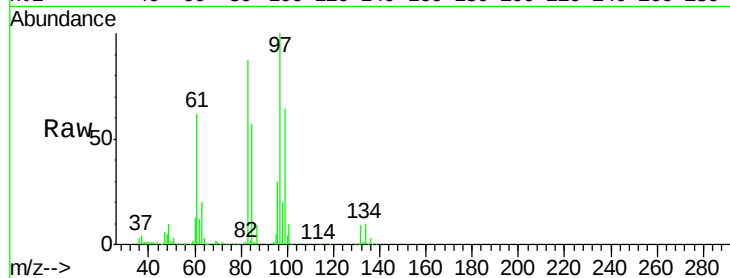




#55
 1,1,2-Trichloroethane
 Concen: 22.59 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

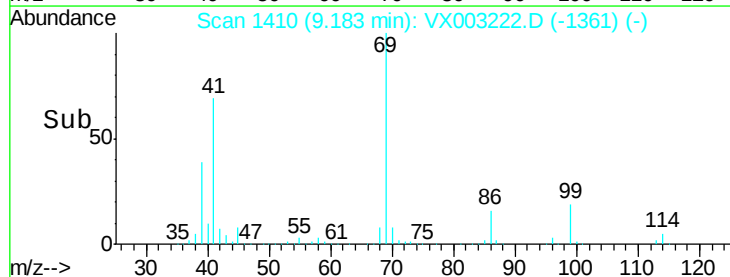
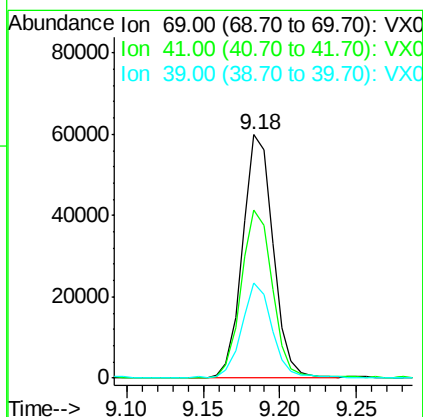
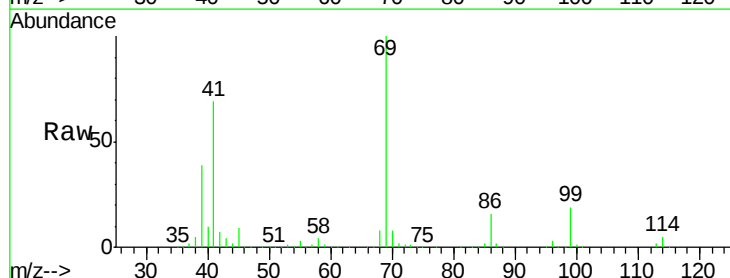
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

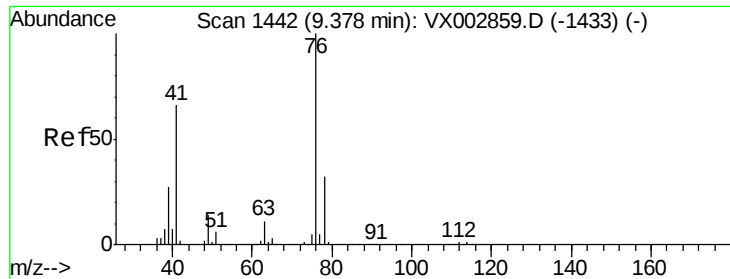
Tot Ion:	97	Resp:	59559
Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.2	105.2
85	56.7	44.9	67.3
99	63.9	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 21.59 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Tgt Ion:	69	Resp:	83189
Ion	Ratio	Lower	Upper
69	100		
41	70.2	60.3	90.5
39	38.5	35.8	53.8

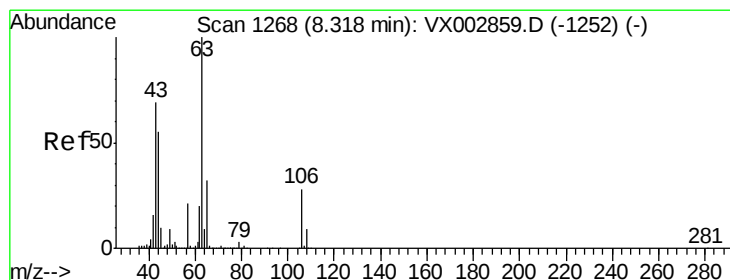
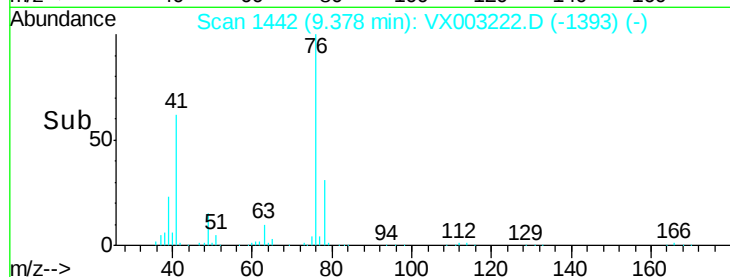
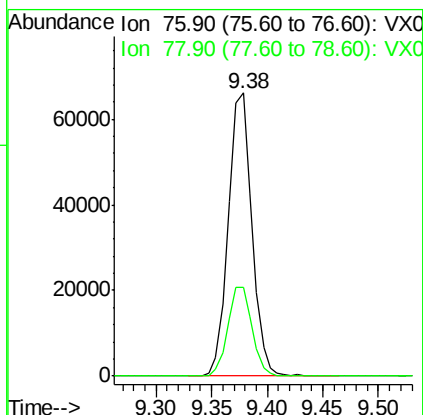
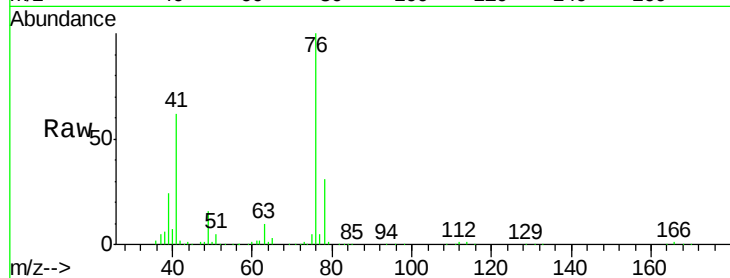




#57
 1,3-Dichloropropane
 Concen: 22.43 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

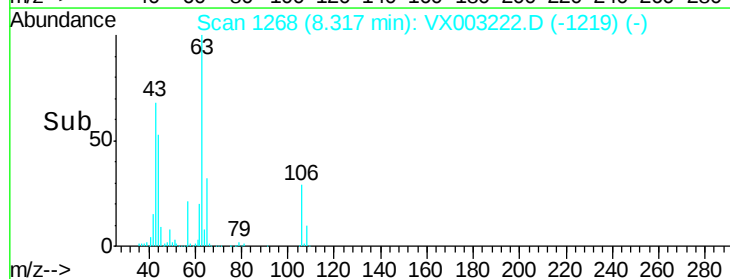
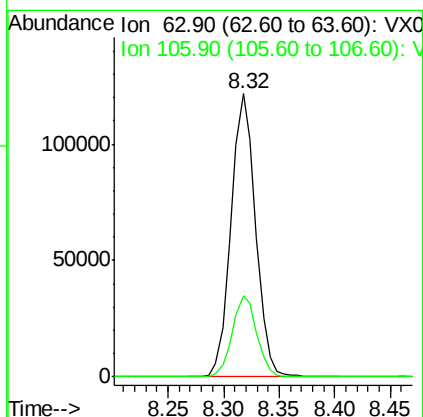
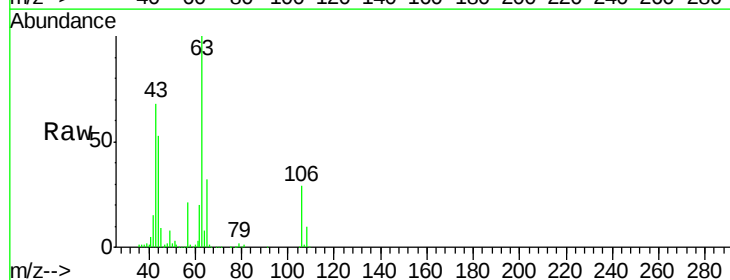
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion: 76 Resp: 97123
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.06 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Tgt Ion: 63 Resp: 186014
 Ion Ratio Lower Upper
 63 100
 106 28.7 21.8 32.8

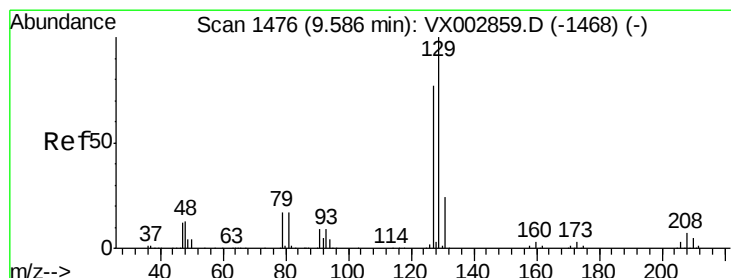
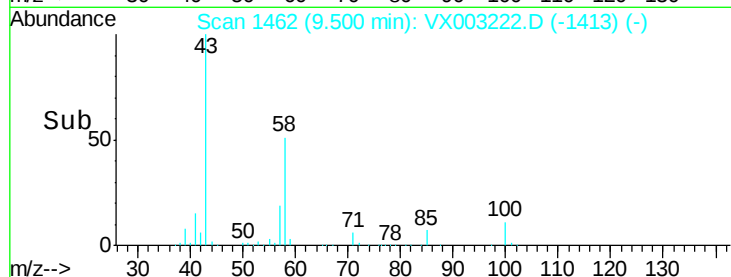
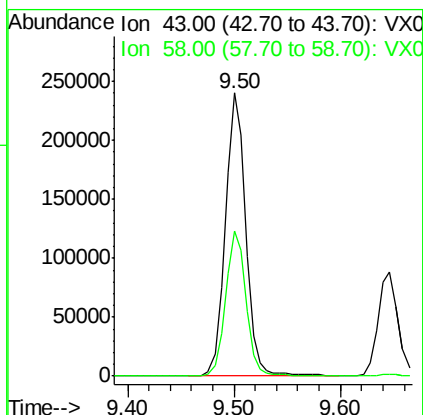
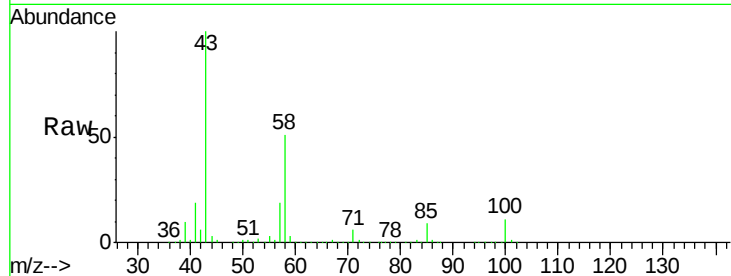




#59
2-Hexanone
Concen: 108.97 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

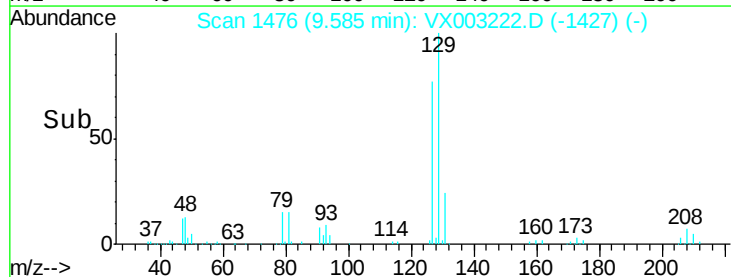
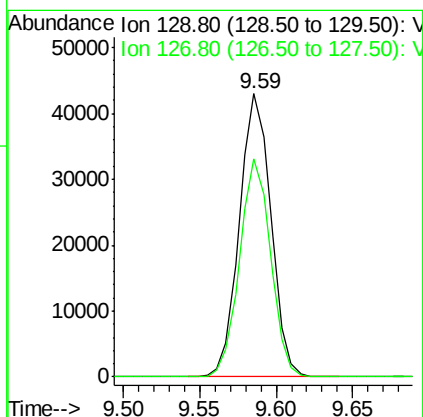
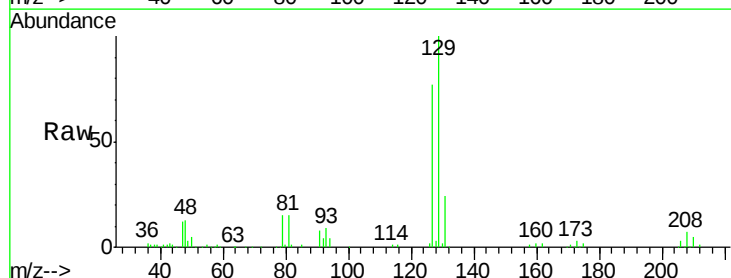
Instrument :
MSVOA_X
ClientSampled :
VX0706WBS01

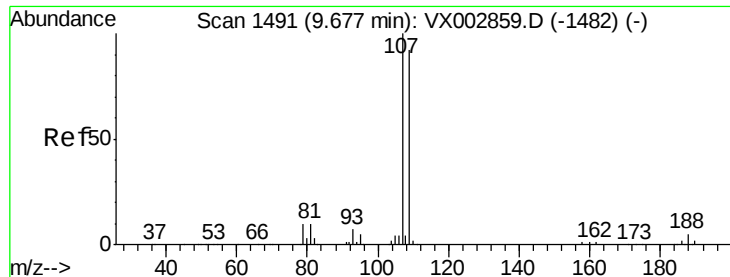
Tot Ion: 43 Resp: 322531
Ion Ratio Lower Upper
43 100
58 51.5 24.6 73.6



#60
Dibromochloromethane
Concen: 22.14 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion: 129 Resp: 61443
Ion Ratio Lower Upper
129 100
127 75.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 22.29 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

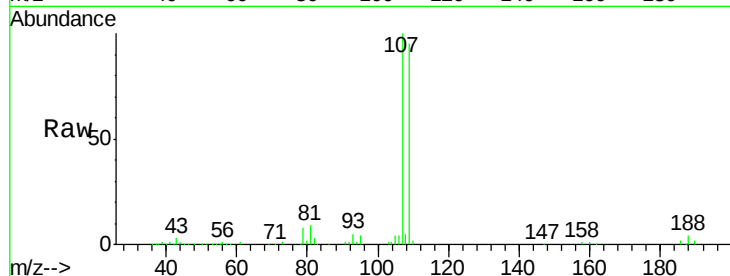
VX0706WBS01

Tot Ion:107 Resp: 61643

Ion Ratio Lower Upper

107 100

109 94.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

30000

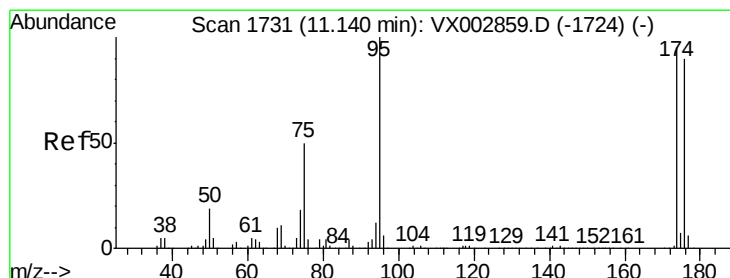
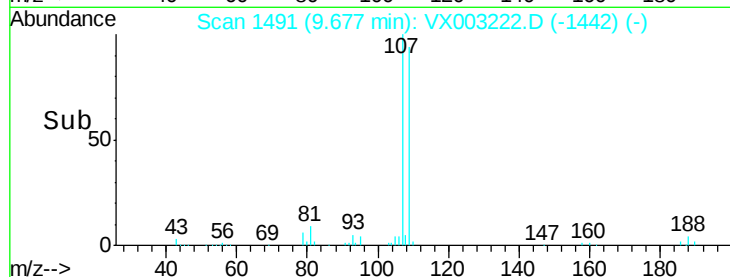
20000

10000

0

9.60 9.65 9.70 9.75 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 50.45 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

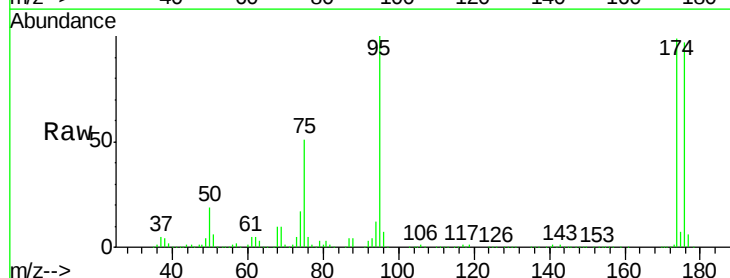
Tgt Ion: 95 Resp: 176861

Ion Ratio Lower Upper

95 100

174 99.3 0.0 187.4

176 96.3 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

150000

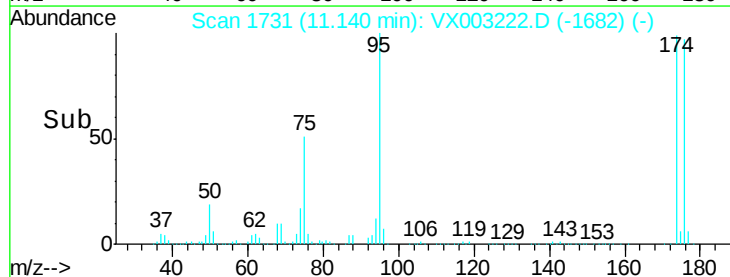
100000

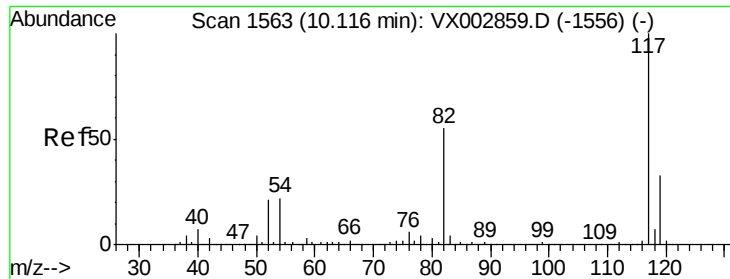
50000

0

11.10 11.20

Time-->

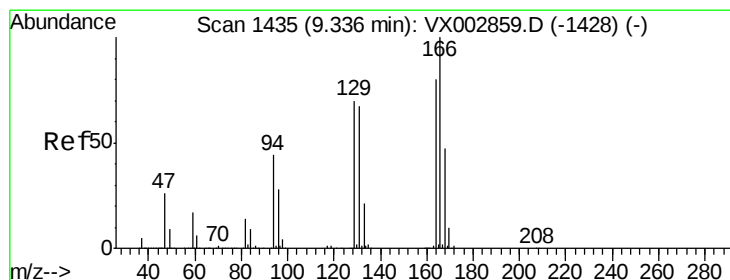
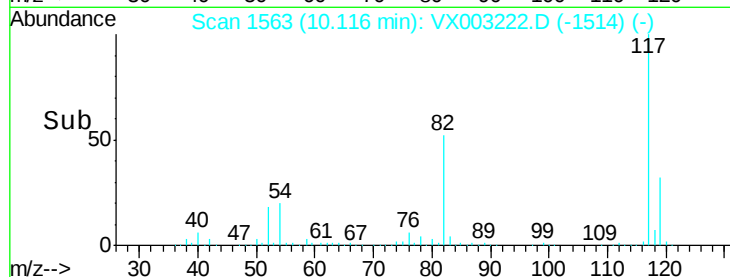
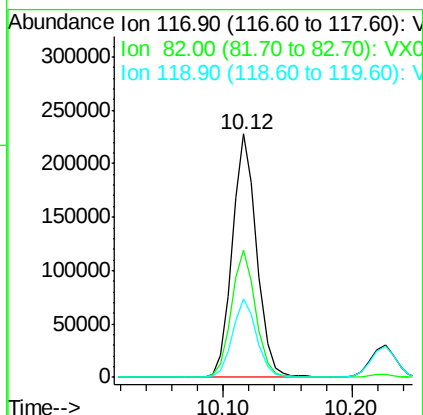
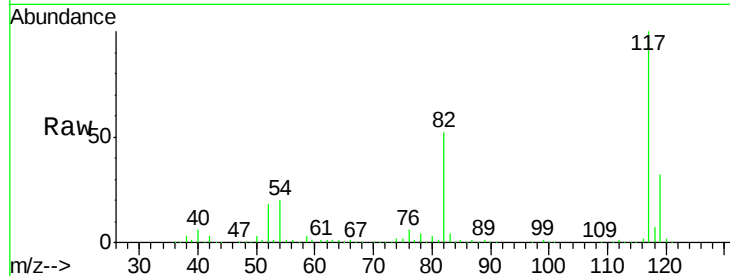




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

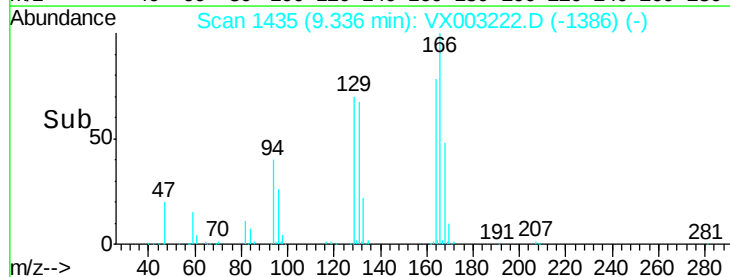
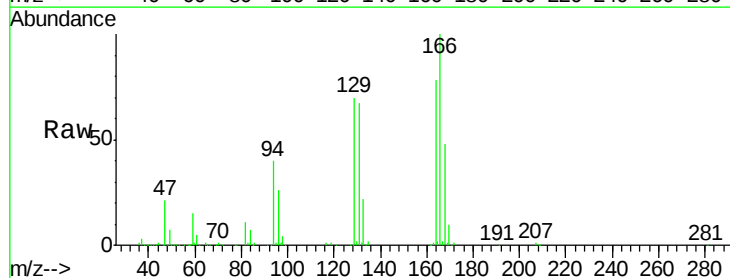
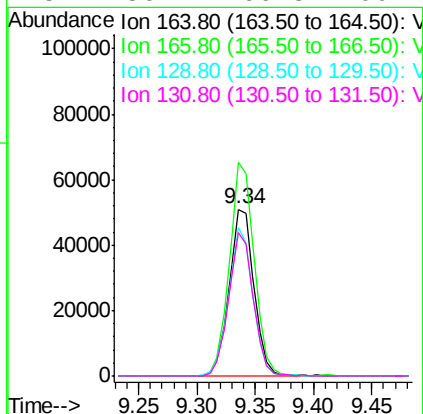
Instrument :
MSVOA_X
ClientSampled :
VX0706WBS01

Tot Ion:117 Resp: 301320
Ion Ratio Lower Upper
117 100
82 52.1 45.0 67.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 22.67 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion:164 Resp: 75950
Ion Ratio Lower Upper
164 100
166 128.1 102.9 154.3
129 89.3 68.6 102.8
131 86.1 66.8 100.2





#65

Chlorobenzene

Concen: 21.58 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampled :

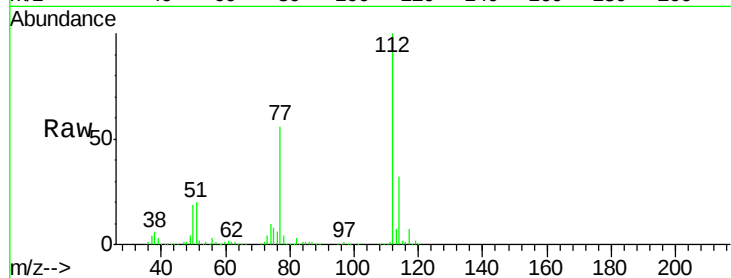
VX0706WBS01

Tot Ion:112 Resp: 165174

Ion Ratio Lower Upper

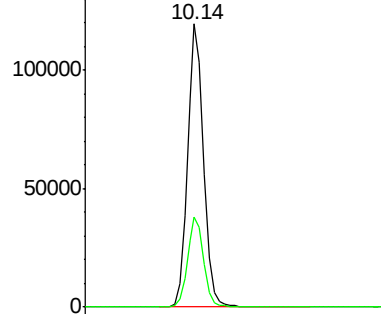
112 100

114 31.7 25.3 37.9

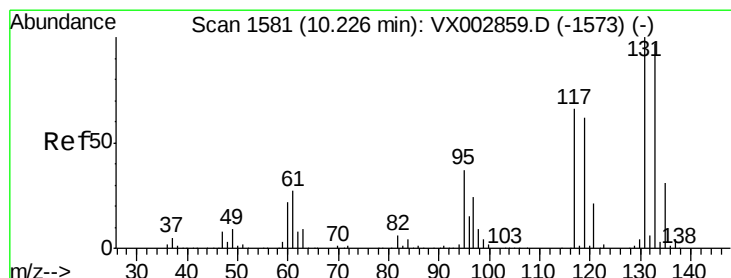
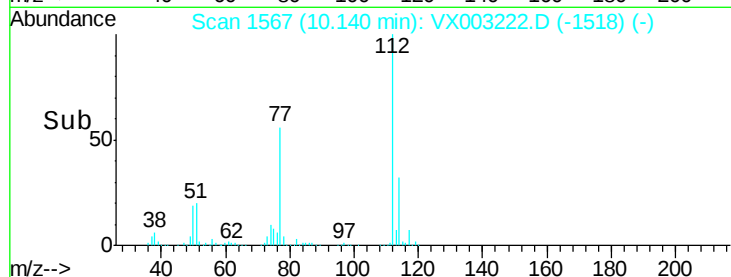


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 21.67 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

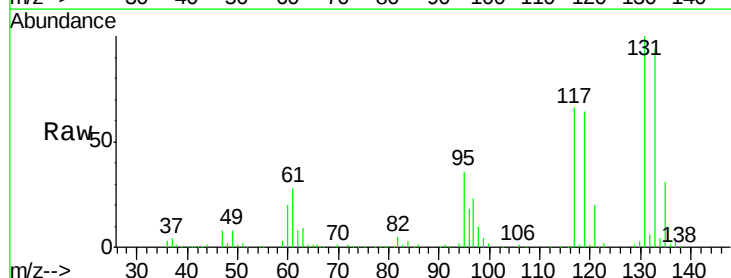
Tgt Ion:131 Resp: 60249

Ion Ratio Lower Upper

131 100

133 97.0 47.9 143.6

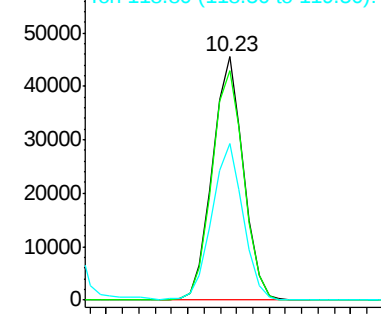
119 65.0 31.8 95.3



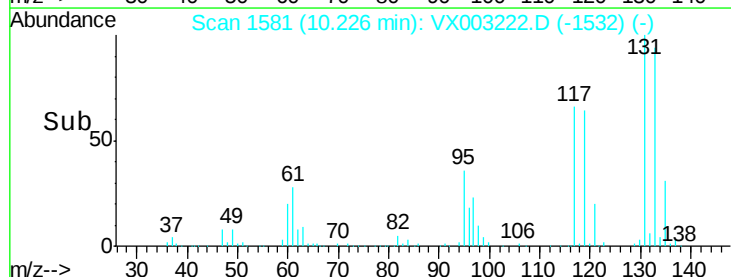
Abundance Ion 130.80 (130.50 to 131.50): V

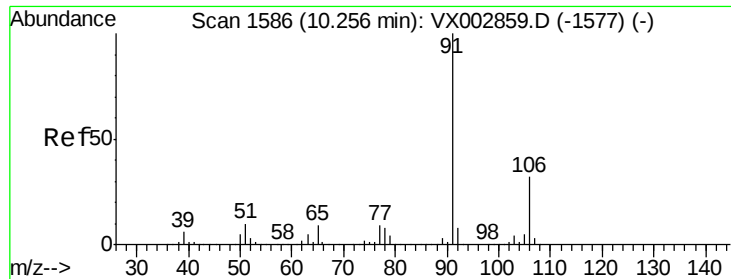
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->

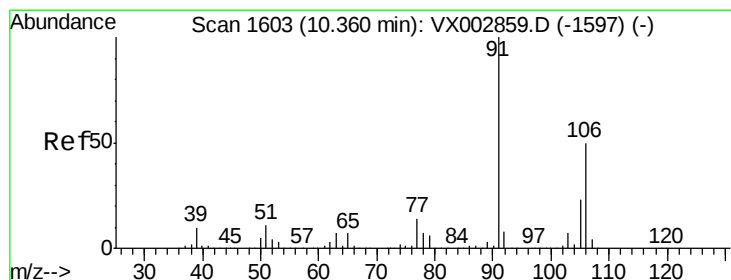
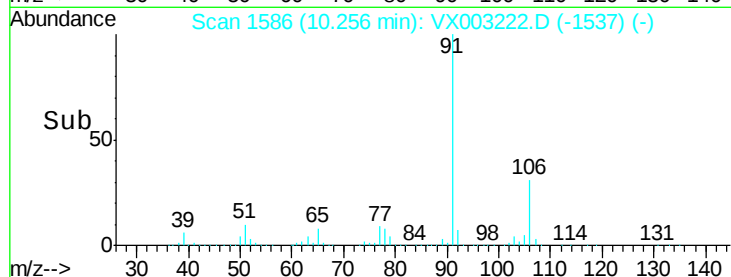
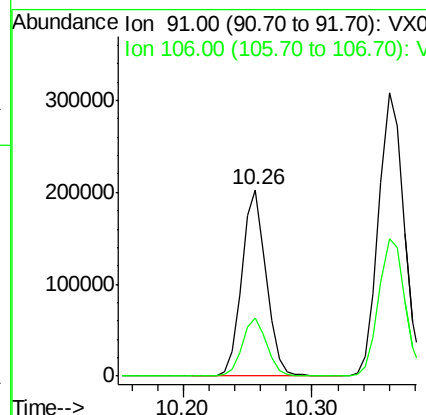
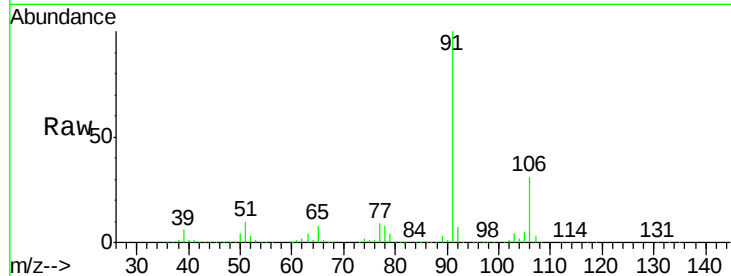




#67
Ethyl Benzene
Concen: 21.11 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

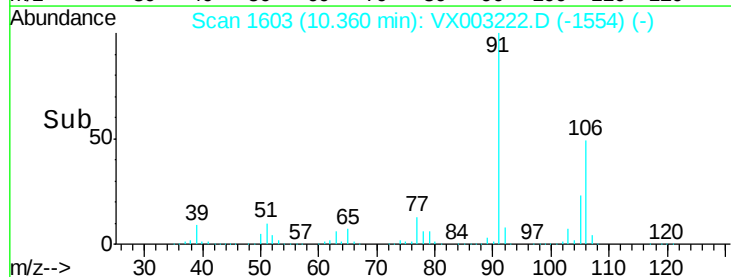
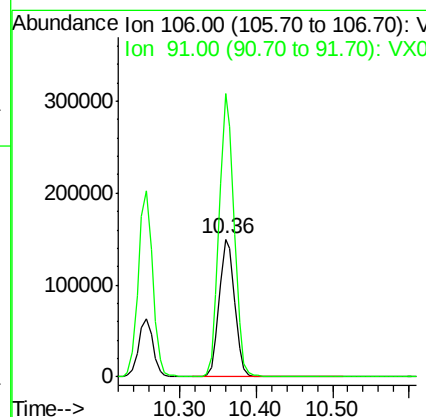
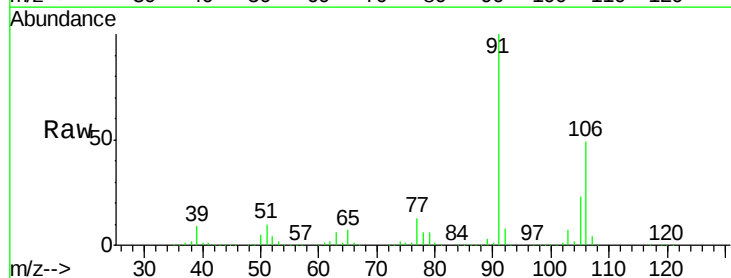
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

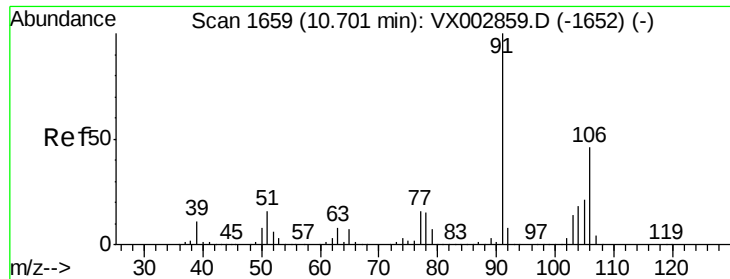
Tot Ion: 91 Resp: 266900
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



#68
m/p-Xylenes
Concen: 43.22 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion: 106 Resp: 210596
Ion Ratio Lower Upper
106 100
91 199.6 163.4 245.2

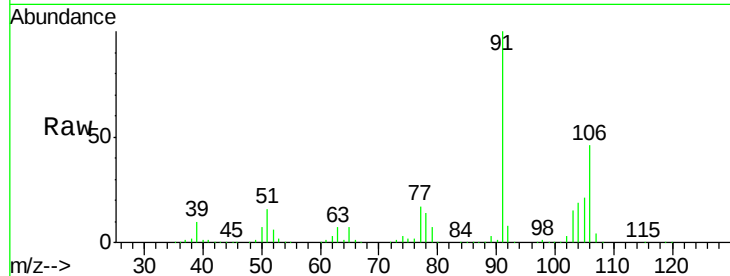




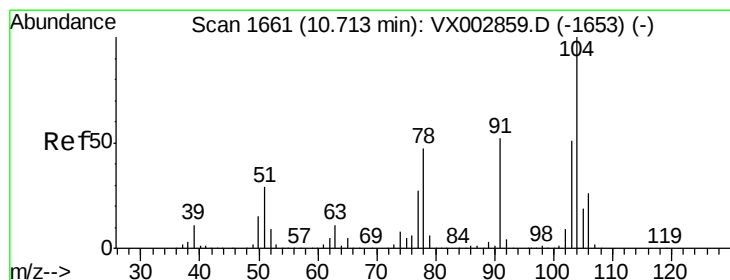
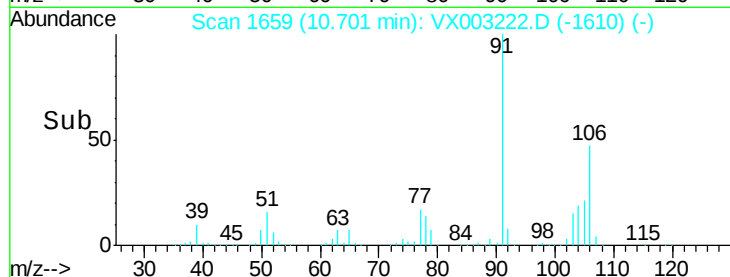
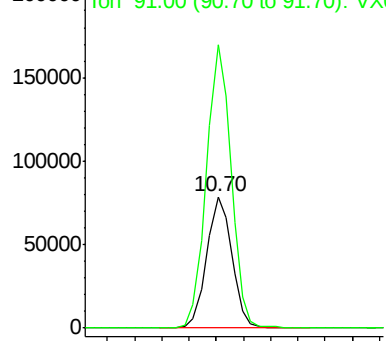
#69
o-Xylene
Concen: 21.39 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion:106 Resp: 101466
Ion Ratio Lower Upper
106 100
91 213.1 108.2 324.6

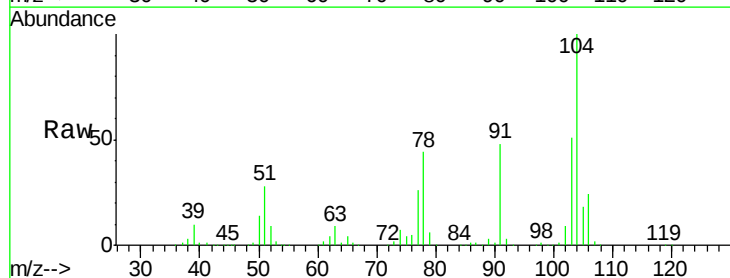


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

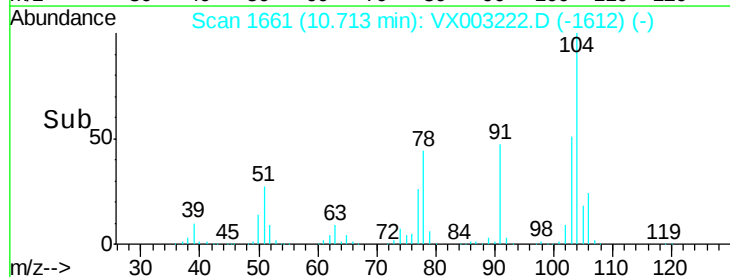
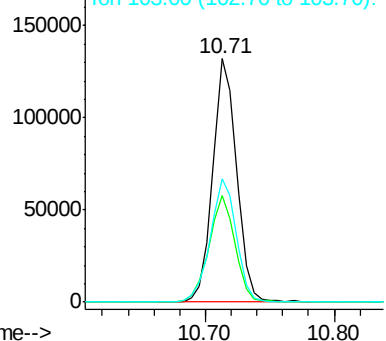


#70
Styrene
Concen: 21.96 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion:104 Resp: 169311
Ion Ratio Lower Upper
104 100
78 48.2 41.0 61.6
103 55.6 44.2 66.4



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

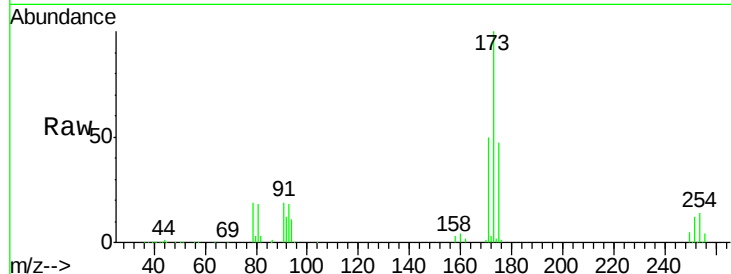




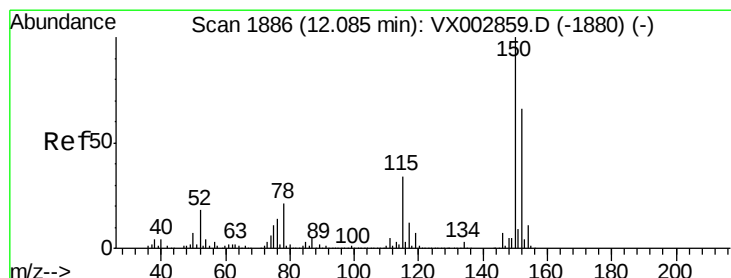
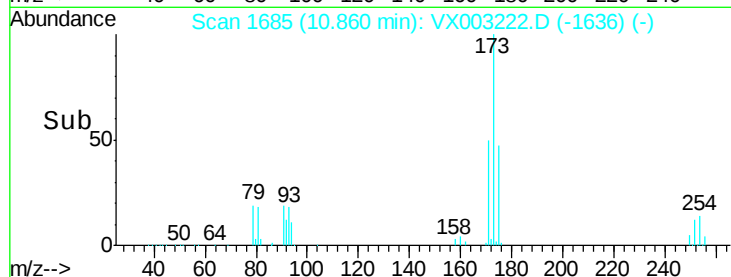
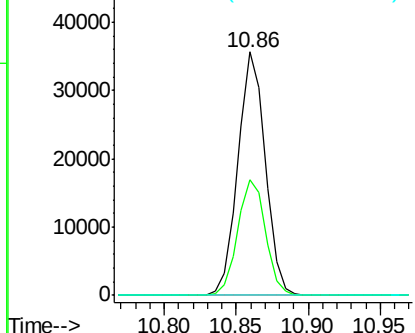
#71
Bromoform
Concen: 21.25 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

Tot Ion:173 Resp: 47262
Ion Ratio Lower Upper
173 100
175 48.2 24.7 74.1
254 0.2 0.2 0.2

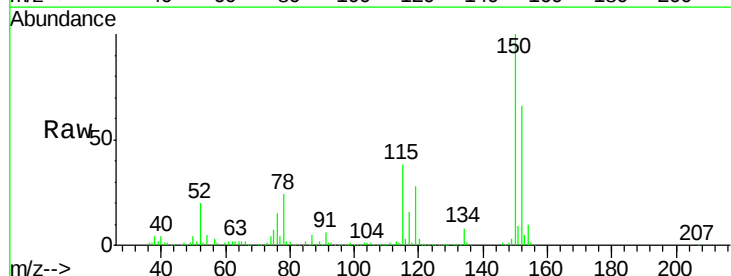


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

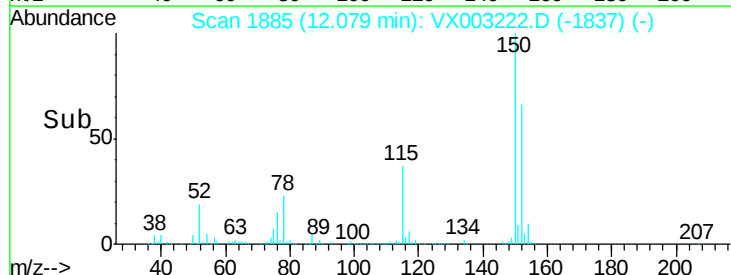
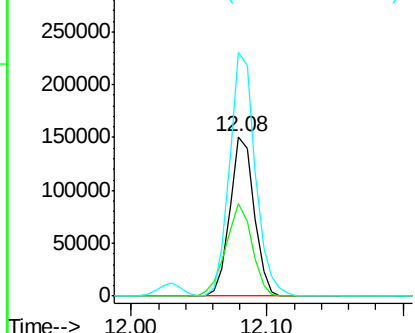


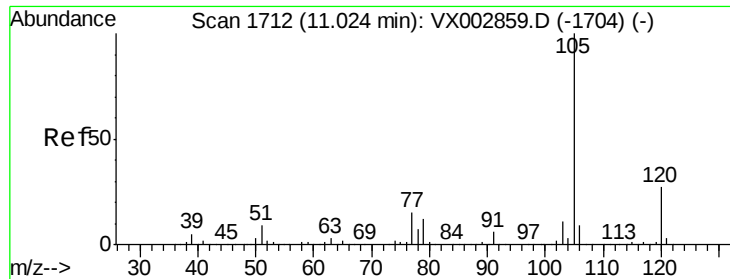
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion:152 Resp: 186888
Ion Ratio Lower Upper
152 100
115 63.3 40.1 120.2
150 163.1 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: 21.98 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

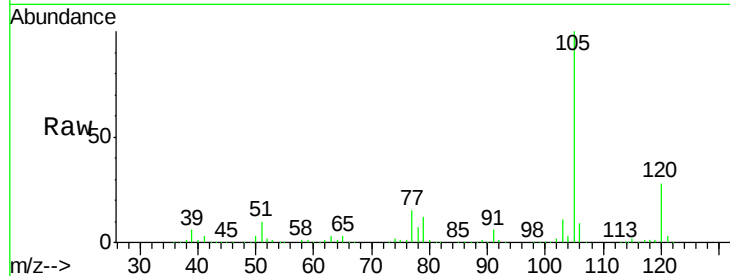
VX0706WBS01

Tot Ion:105 Resp: 276327

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

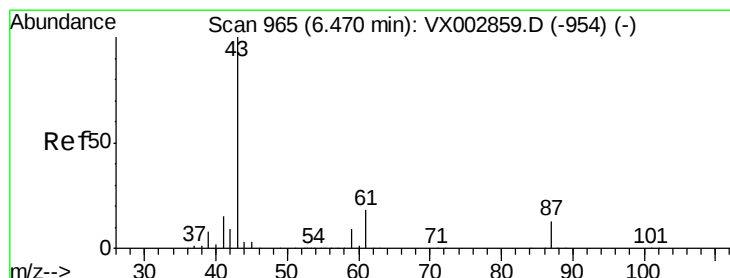
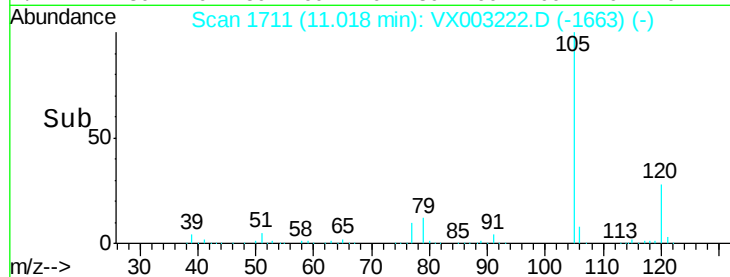
0

11.02

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 21.28 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Tgt Ion: 43 Resp: 130899

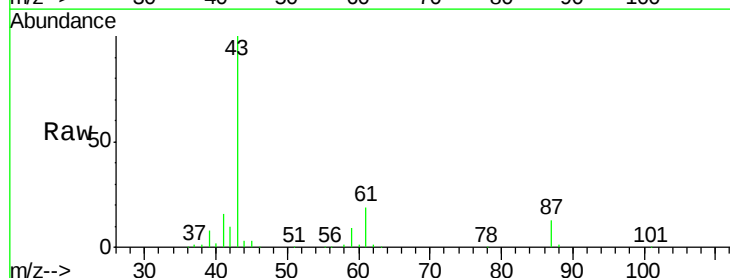
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0

61 19.3 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

80000

60000

40000

20000

0

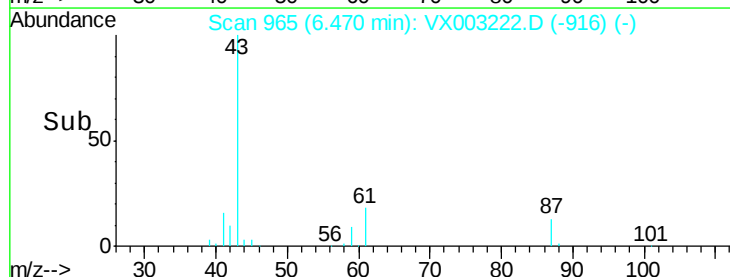
6.47

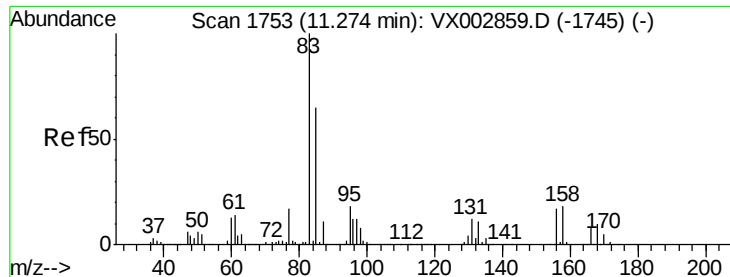
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.39 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampled :

VX0706WBS01

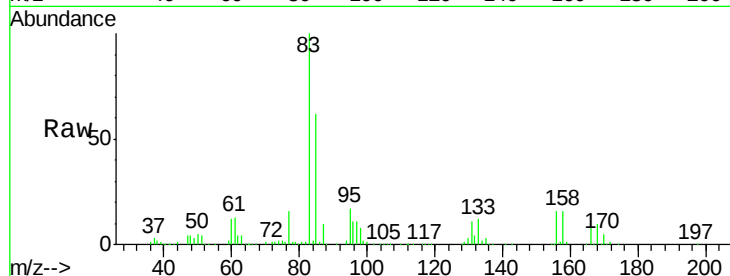
Tot Ion: 83 Resp: 86711

Ion Ratio Lower Upper

83 100

131 11.5 5.6 16.8

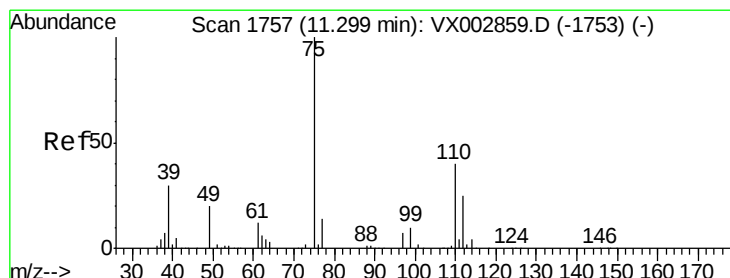
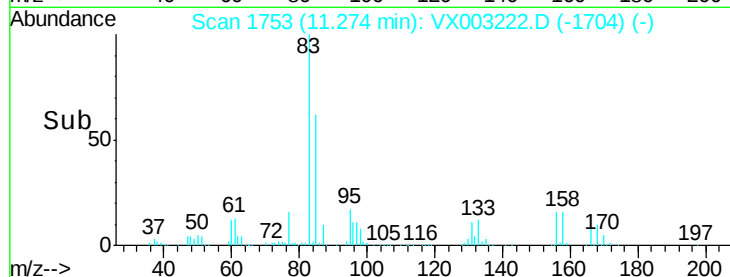
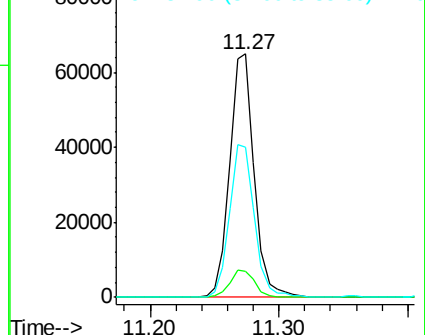
85 64.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.53 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003222.D

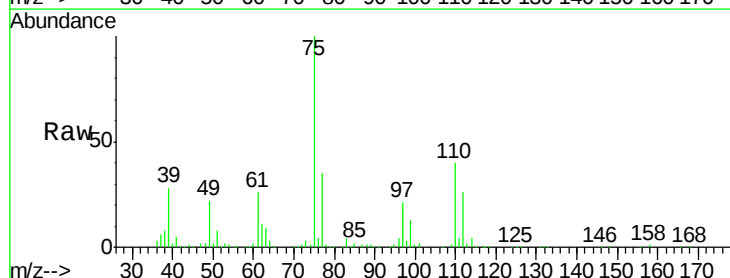
Acq: 06 Jul 2018 19:46

Tgt Ion: 75 Resp: 93200

Ion Ratio Lower Upper

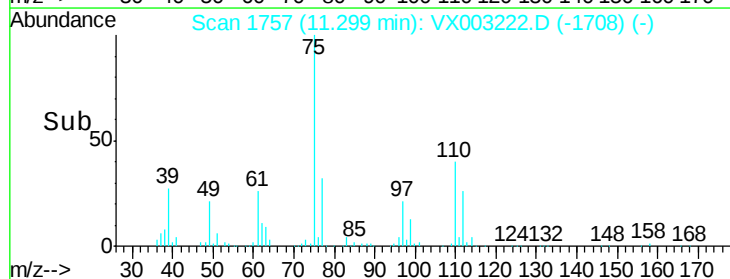
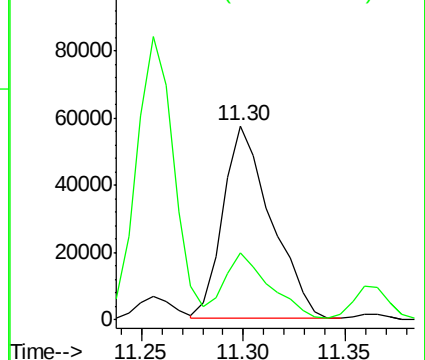
75 100

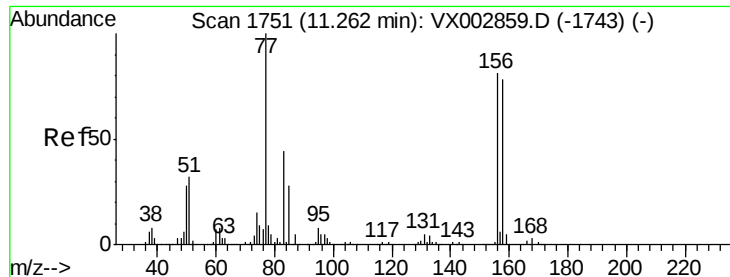
77 33.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.12 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

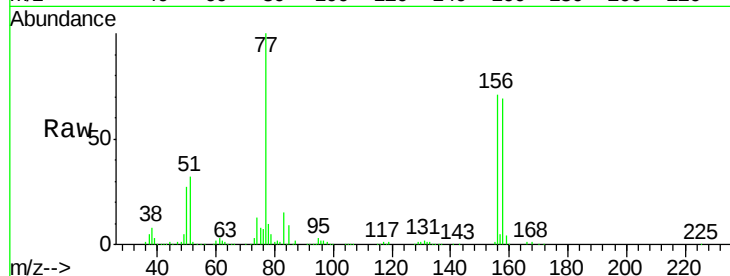
Tot Ion:156 Resp: 79194

Ion Ratio Lower Upper

156 100

77 135.4 71.4 214.2

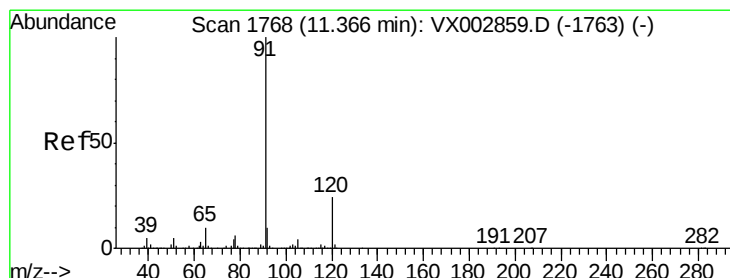
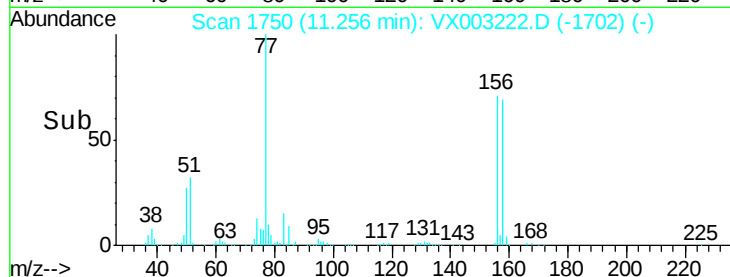
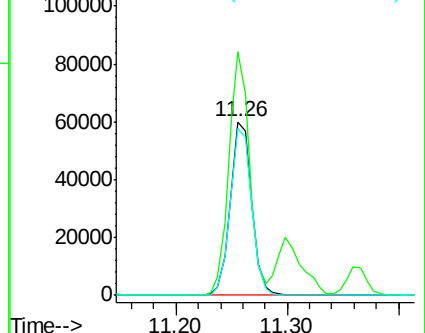
158 96.9 48.9 146.6



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: 21.48 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003222.D

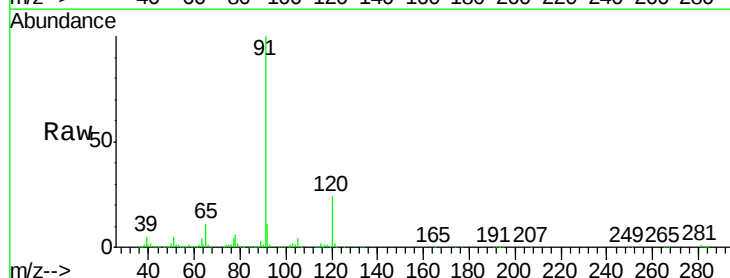
Acq: 06 Jul 2018 19:46

Tgt Ion: 91 Resp: 307429

Ion Ratio Lower Upper

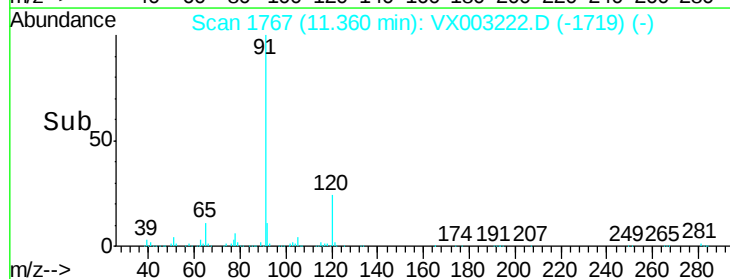
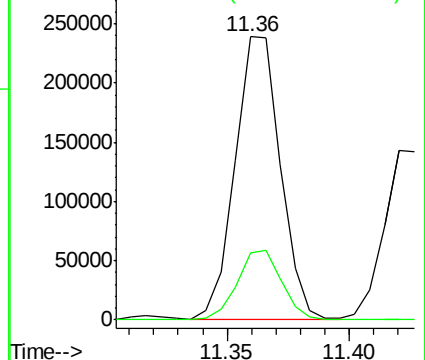
91 100

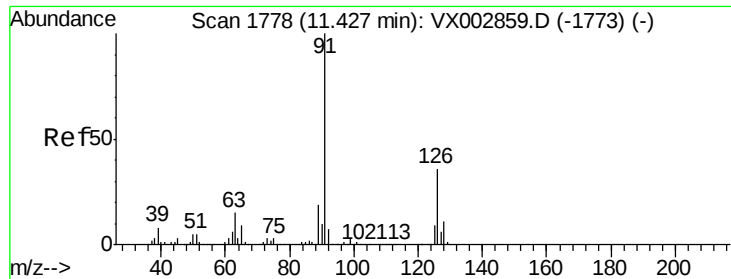
120 24.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.58 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampled :

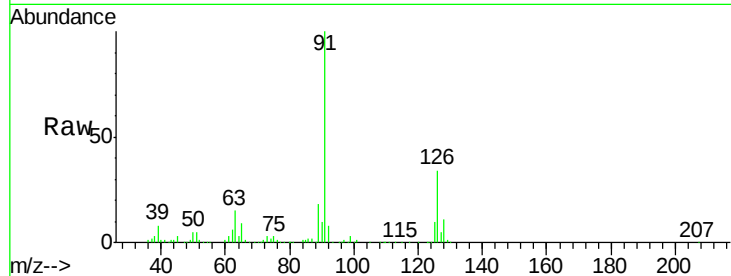
VX0706WBS01

Tot Ion: 91 Resp: 186952

Ion Ratio Lower Upper

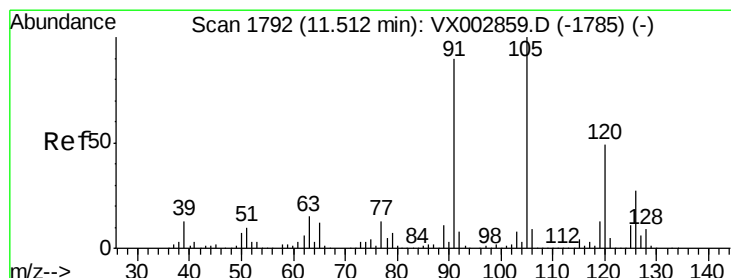
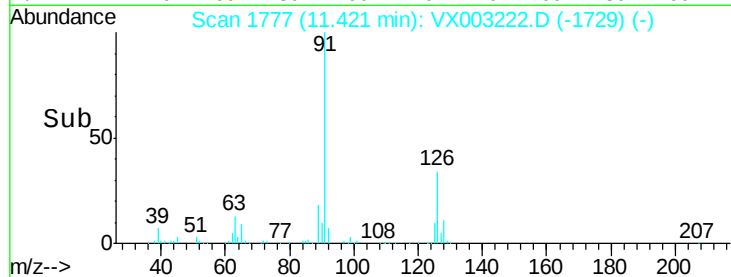
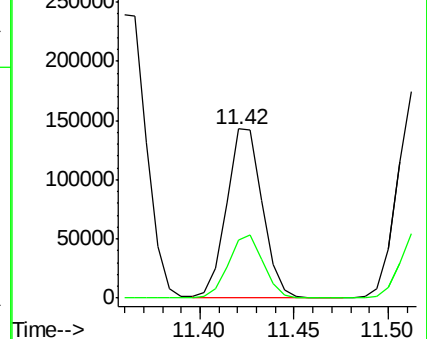
91 100

126 36.5 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.97 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003222.D

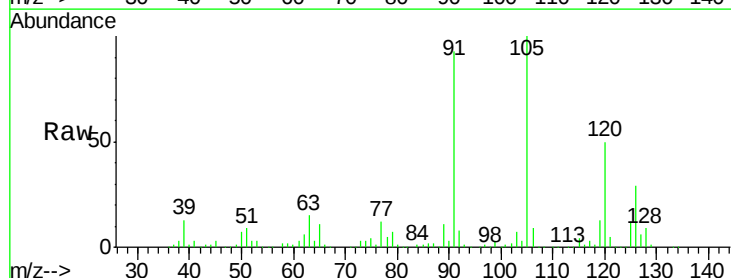
Acq: 06 Jul 2018 19:46

Tgt Ion:105 Resp: 232692

Ion Ratio Lower Upper

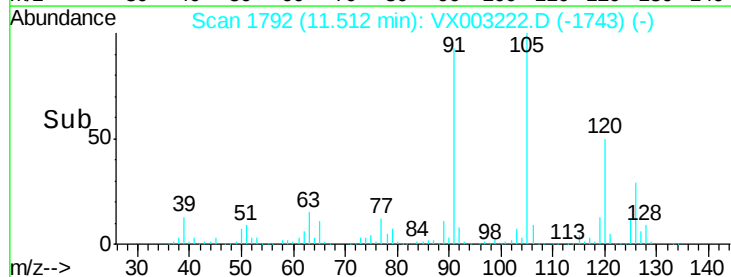
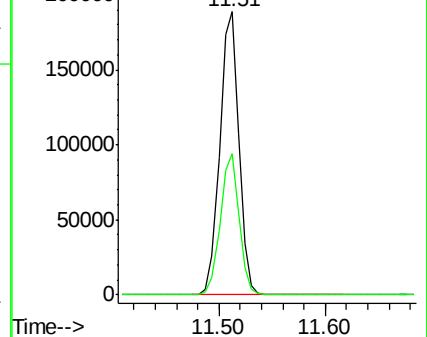
105 100

120 49.2 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: 19.10 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

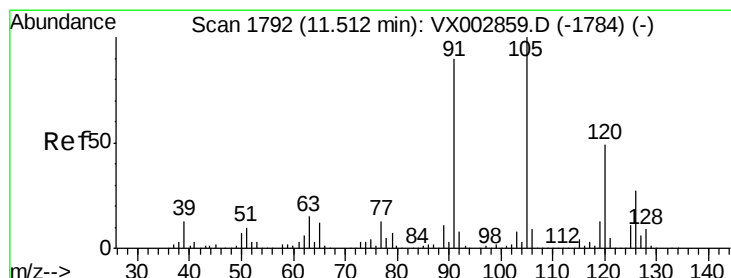
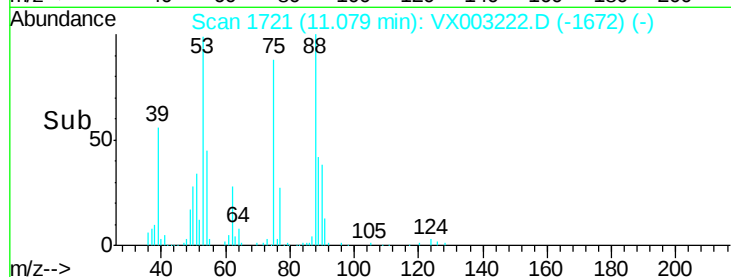
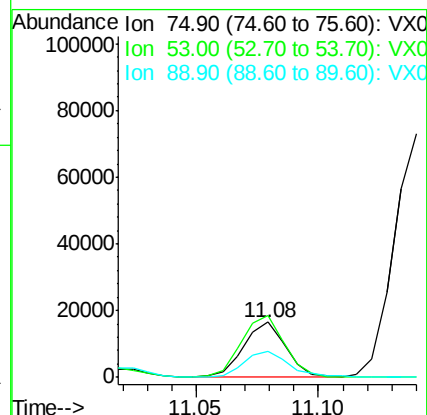
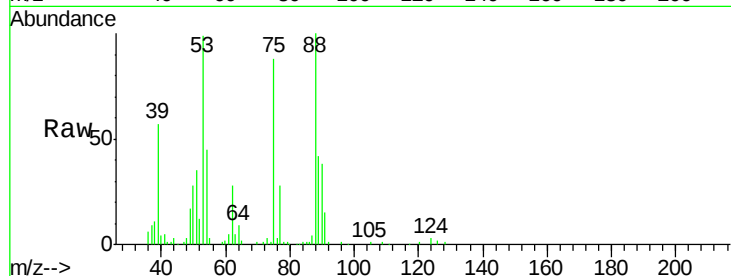
Tot Ion: 75 Resp: 19682

Ion Ratio Lower Upper

75 100

53 118.0 86.8 130.2

89 52.9 38.2 57.2



#82

4-Chlorotoluene

Concen: 21.17 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003222.D

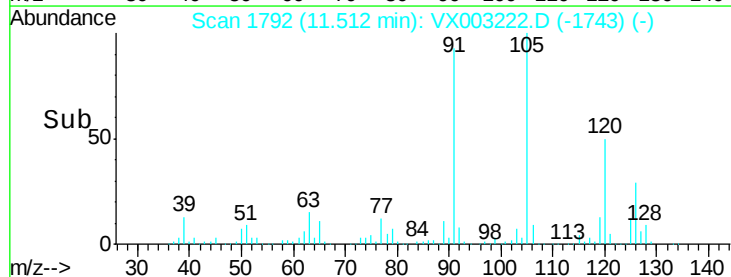
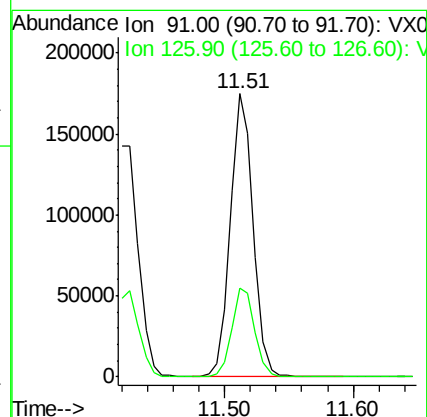
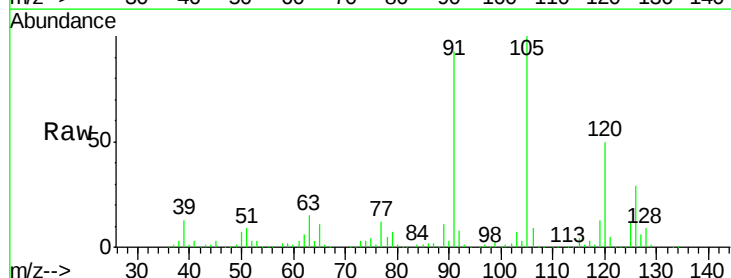
Acq: 06 Jul 2018 19:46

Tgt Ion: 91 Resp: 217168

Ion Ratio Lower Upper

91 100

126 31.3 15.4 46.4

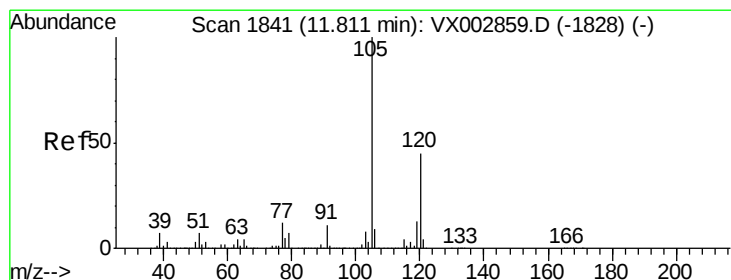
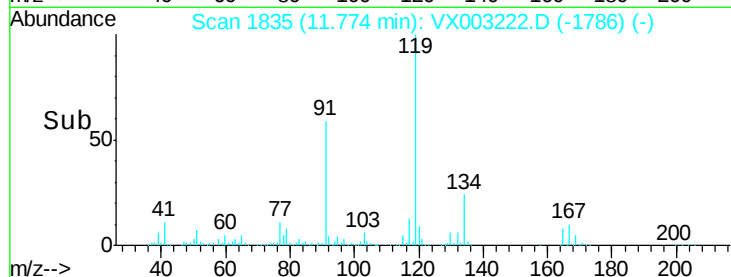
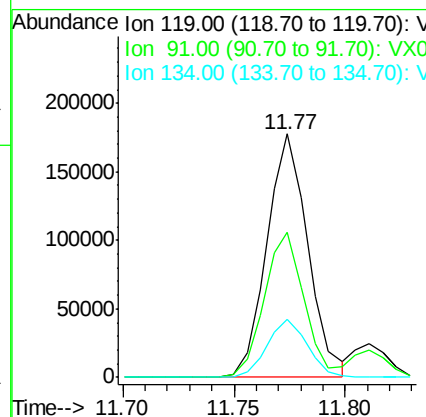
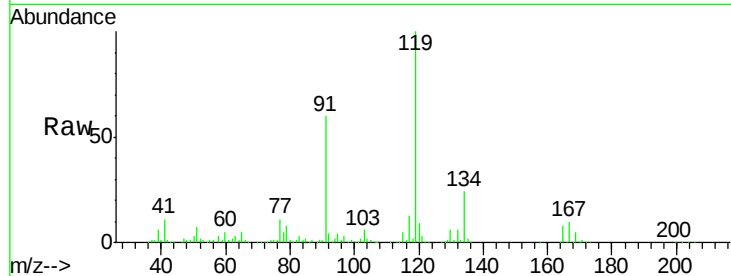




#83
tert-Butylbenzene
Concen: 21.74 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

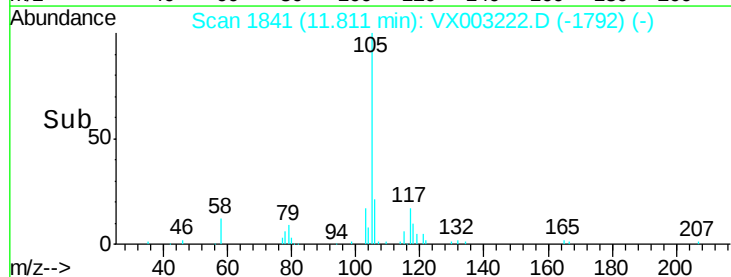
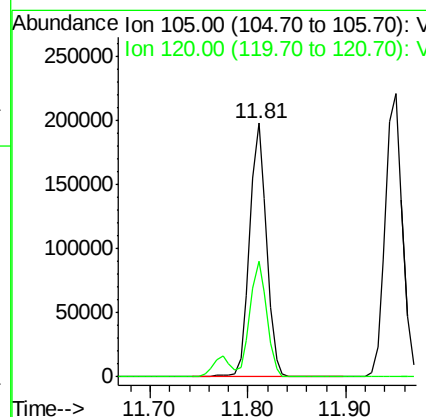
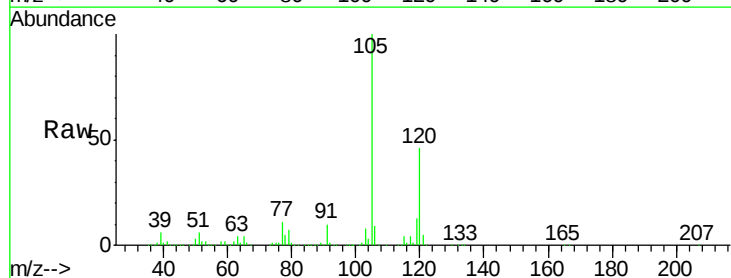
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS01

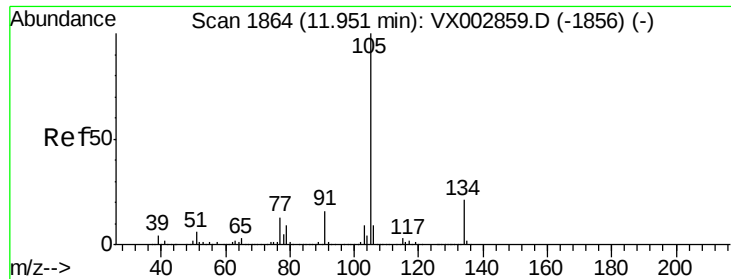
Tot Ion:119 Resp: 226846
Ion Ratio Lower Upper
119 100
91 58.5 30.3 90.9
134 23.7 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 21.61 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003222.D
Acq: 06 Jul 2018 19:46

Tgt Ion:105 Resp: 237077
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 21.27 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

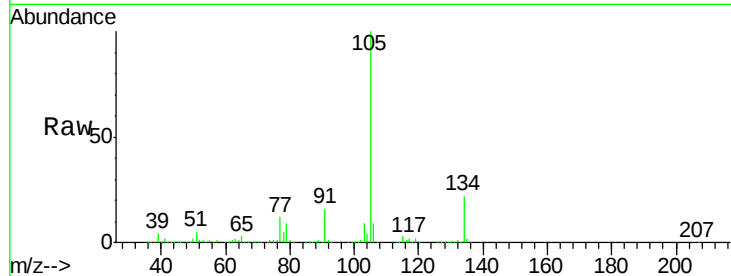
VX0706WBS01

Tot Ion:105 Resp: 269224

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

250000

200000

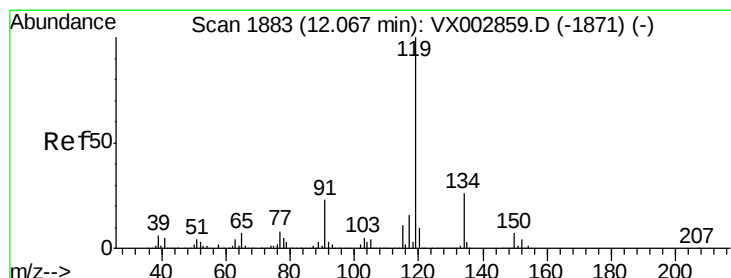
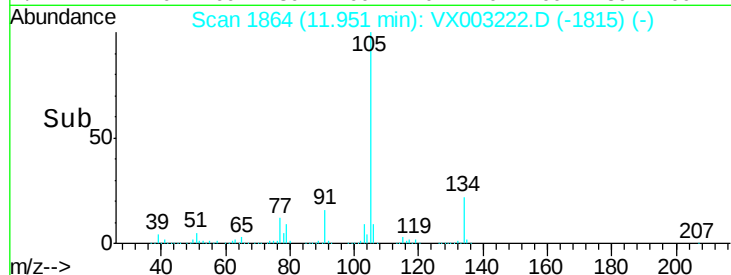
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.35 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

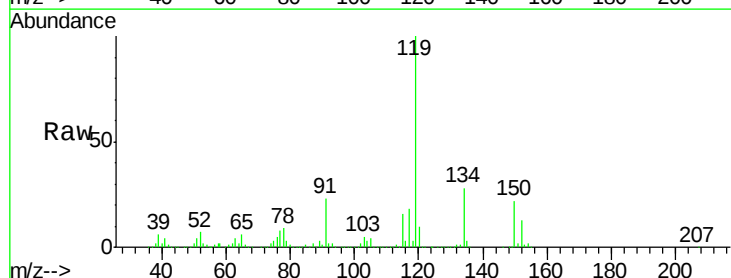
Tgt Ion:119 Resp: 243040

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 23.1 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

250000

200000

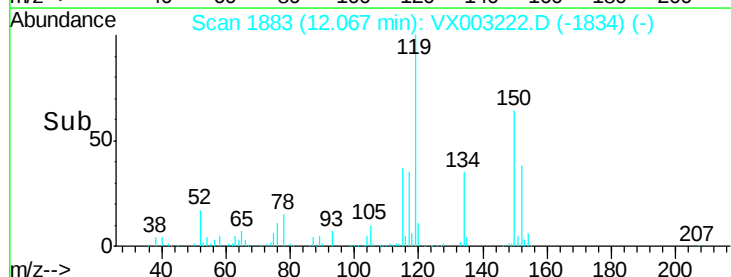
150000

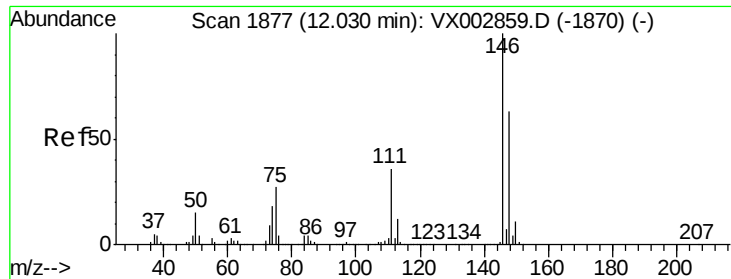
100000

50000

0

Time-->

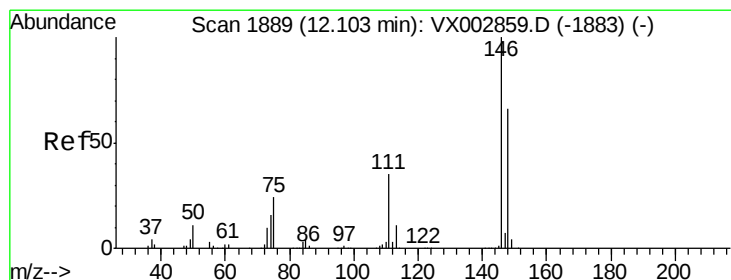
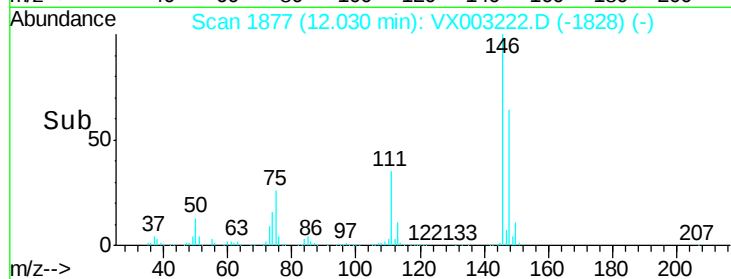
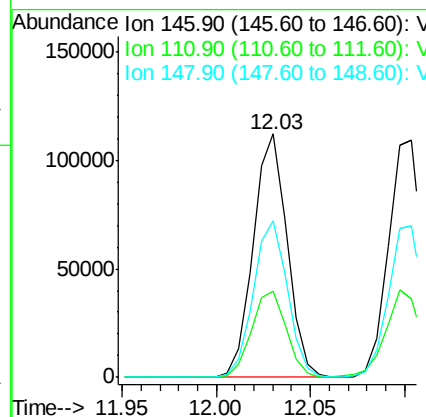
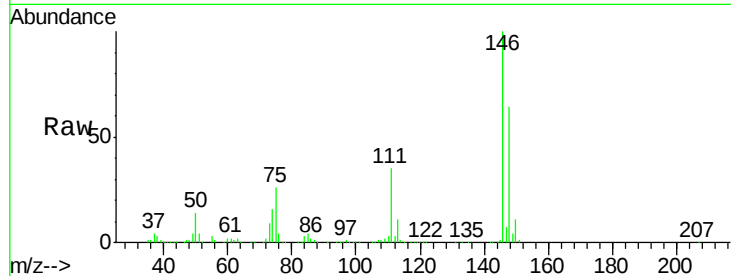




#87
 1,3-Dichlorobenzene
 Concen: 21.46 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

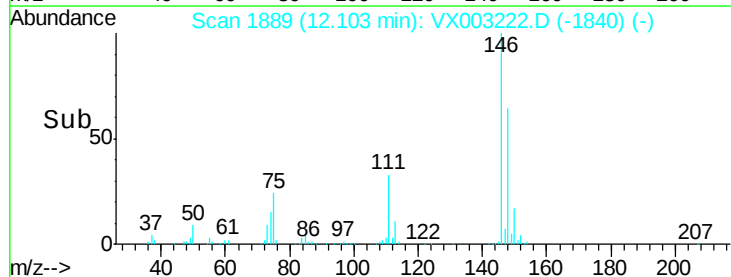
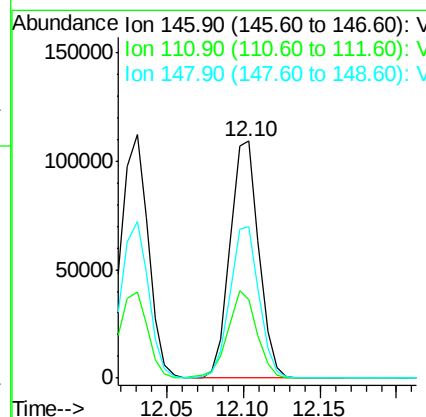
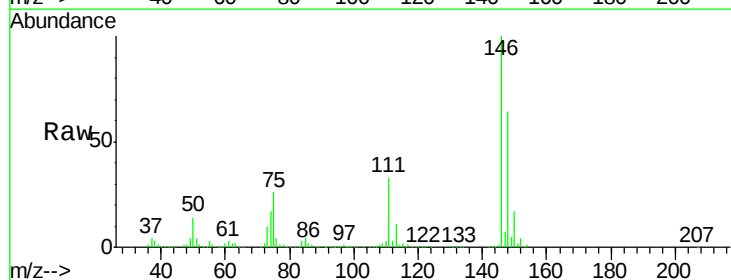
Instrument :
 MSVOA_X
 ClientSampled :
 VX0706WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.9	56.7
148	64.5	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 21.14 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.7	56.1
148	64.8	32.4	97.0





#89

n-Butylbenzene

Concen: 19.79 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

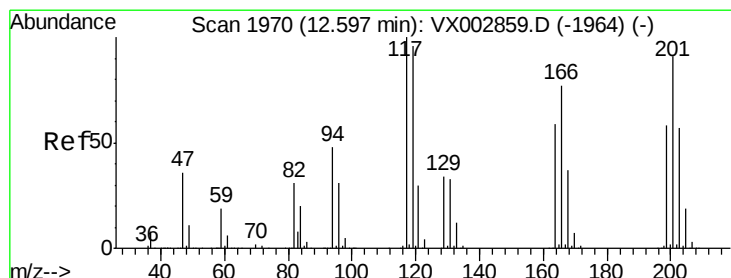
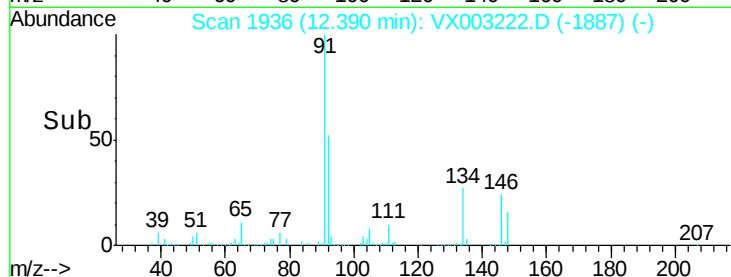
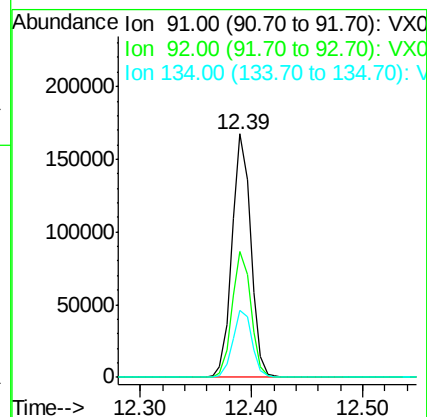
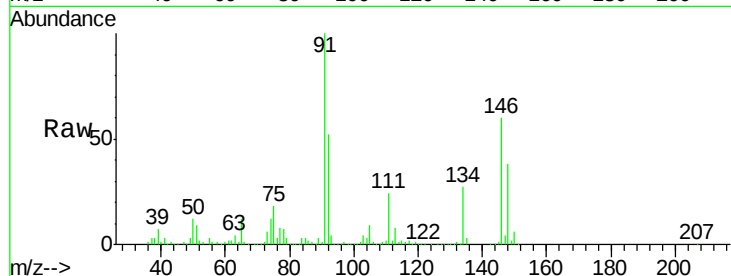
Tot Ion: 91 Resp: 196064

Ion Ratio Lower Upper

91 100

92 51.8 26.0 78.0

134 27.8 13.5 40.5



#90

Hexachloroethane

Concen: 19.53 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX003222.D

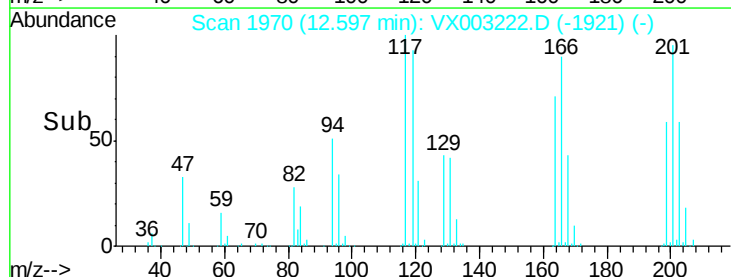
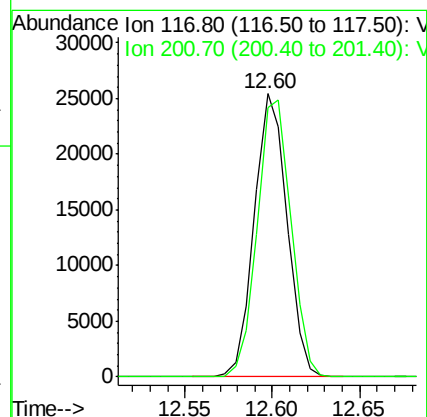
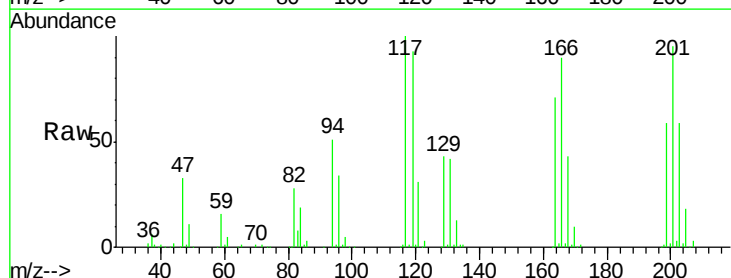
Acq: 06 Jul 2018 19:46

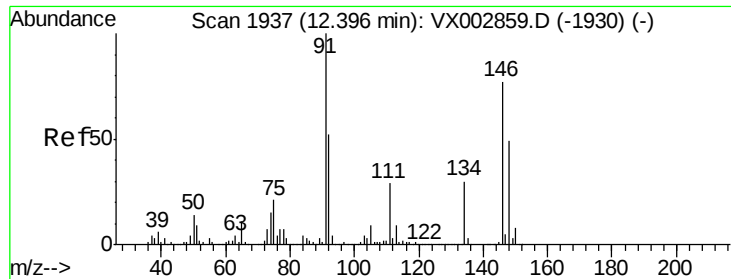
Tgt Ion: 117 Resp: 33056

Ion Ratio Lower Upper

117 100

201 101.1 49.0 147.0

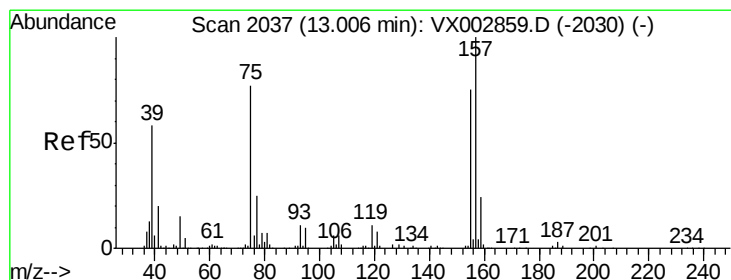
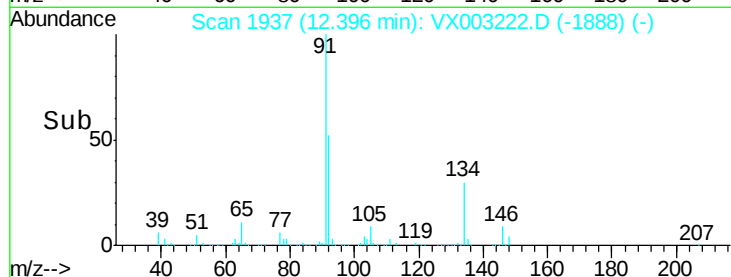
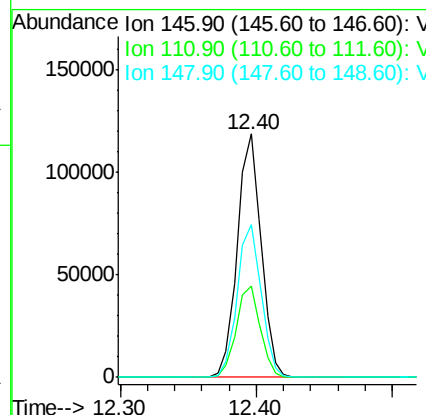
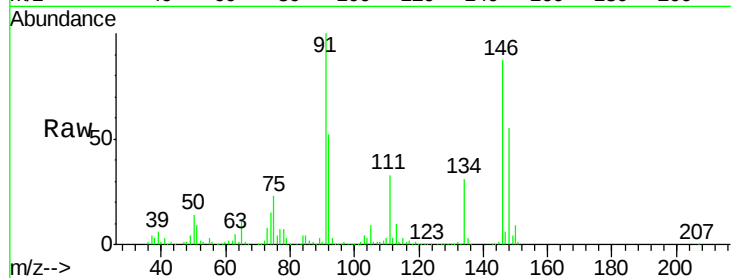




#91
 1,2-Dichlorobenzene
 Concen: 21.90 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

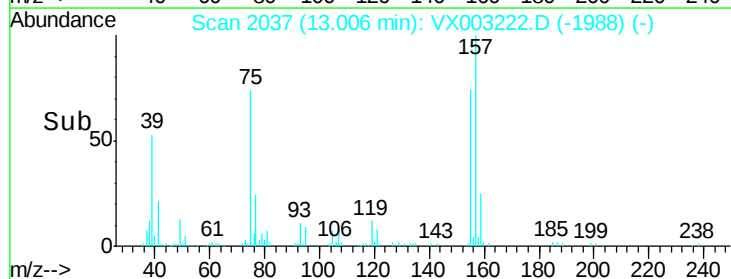
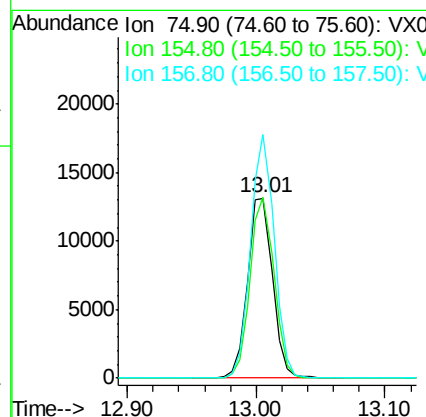
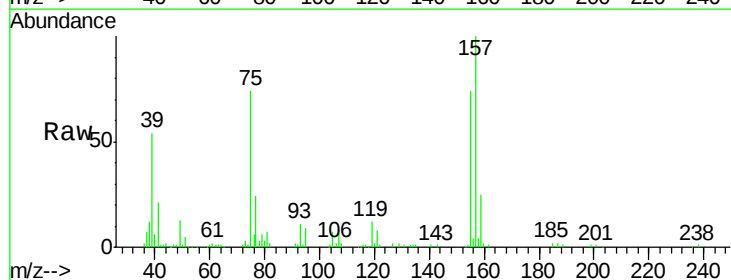
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS01

Tot Ion:146 Resp: 144521
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.4 58.1
 148 63.4 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.16 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003222.D
 Acq: 06 Jul 2018 19:46

Tgt Ion: 75 Resp: 17551
 Ion Ratio Lower Upper
 75 100
 155 95.9 45.8 137.4
 157 126.7 60.1 180.3





#93

1,2,4-Trichlorobenzene

Concen: 20.78 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampled :

VX0706WBS01

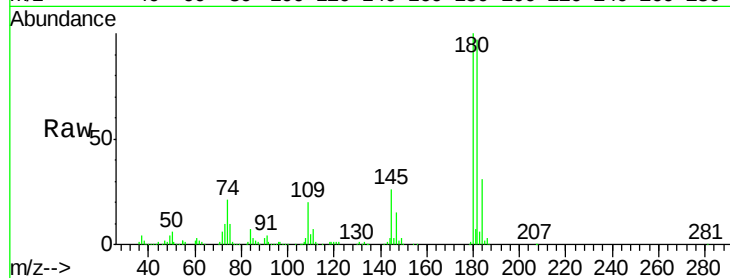
Tot Ion:180 Resp: 99799

Ion Ratio Lower Upper

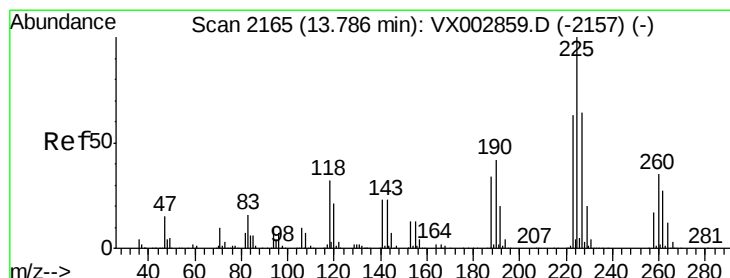
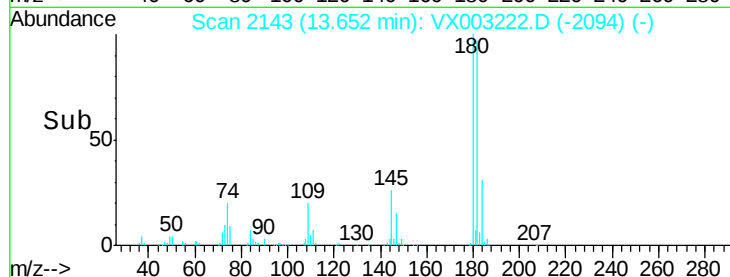
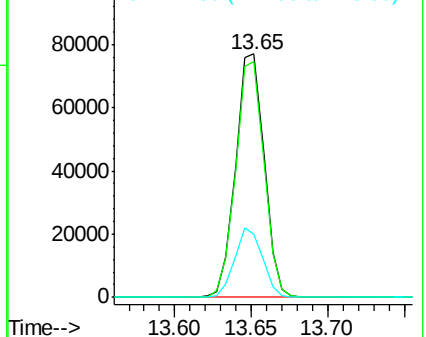
180 100

182 96.3 47.7 143.1

145 27.8 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.63 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

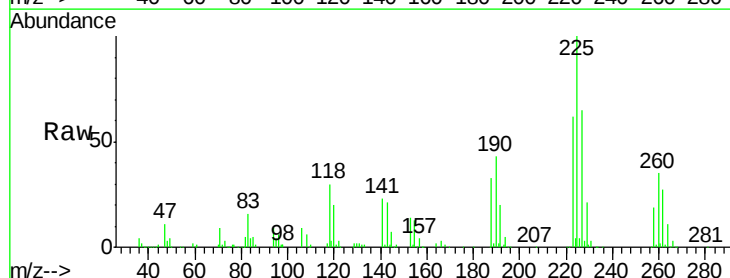
Tgt Ion:225 Resp: 49422

Ion Ratio Lower Upper

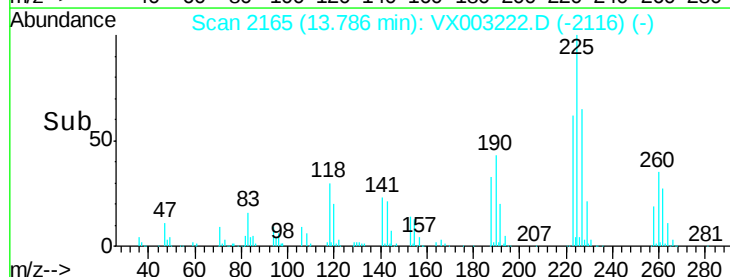
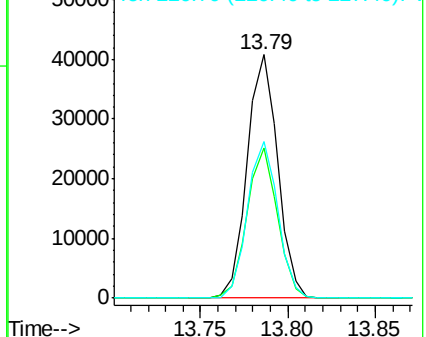
225 100

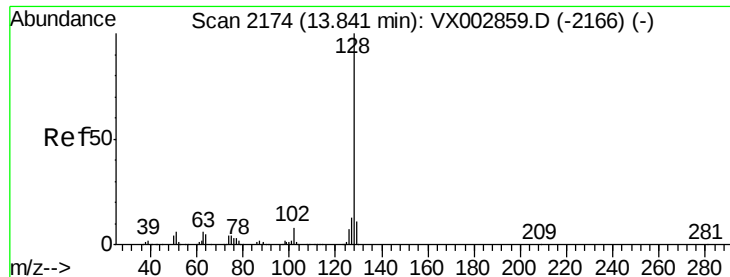
223 61.5 31.6 95.0

227 64.3 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 22.09 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS01

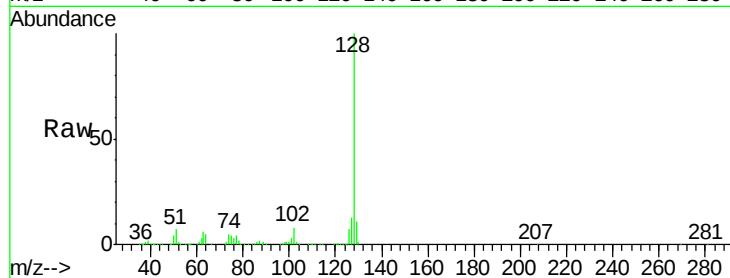
Tot Ion:128 Resp: 282616

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

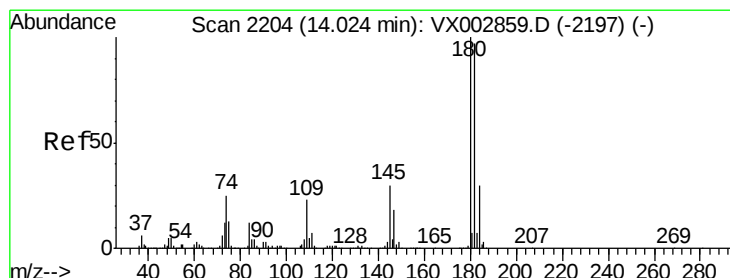
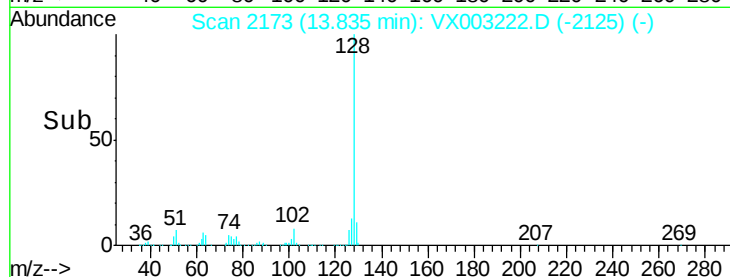
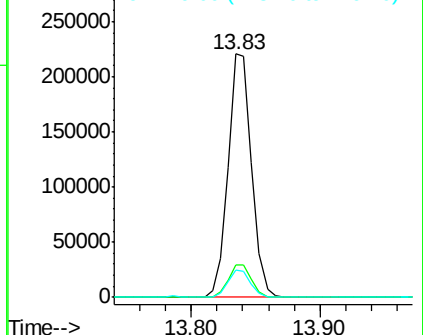
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.99 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003222.D

Acq: 06 Jul 2018 19:46

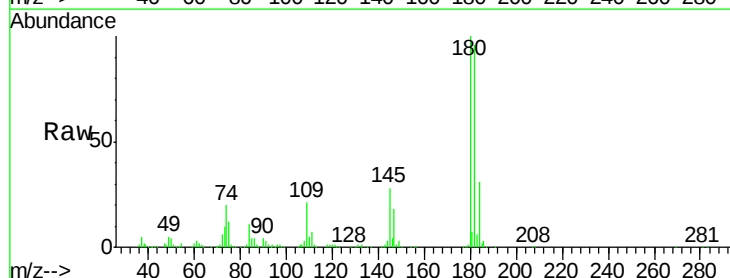
Tgt Ion:180 Resp: 105489

Ion Ratio Lower Upper

180 100

182 95.1 48.0 144.0

145 28.7 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

