

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100218\
 Data File : VX004917.D
 Acq On : 02 Oct 2018 13:45
 Operator : JC/MD
 Sample : VX1002WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBS01

Quant Time: Oct 03 07:48:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X100218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 03 04:49:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	50554	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	268081	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	254532	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	110672	28.81	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.03%
60) 4-Bromofluorobenzene	11.14	95	123732	29.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.50%
63) Toluene-d8	8.71	98	346581	30.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	80763	20.519	ug/l 99
3) Chloromethane	1.32	50	87660	21.466	ug/l 99
4) Vinyl Chloride	1.40	62	83554	20.014	ug/l 99
5) Bromomethane	1.64	94	37898	18.918	ug/l 100
6) Chloroethane	1.72	64	48459	20.218	ug/l 98
7) Trichlorofluoromethane	1.93	101	105858	19.906	ug/l 99
8) Diethyl Ether	2.19	74	41687	19.229	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61416	20.110	ug/l 99
10) 1,1-Dichloroethene	2.37	96	56322	19.470	ug/l 98
11) Methyl Iodide	2.51	142	36603	20.901	ug/l 99
12) Methyl Acetate	2.78	43	115017	19.718	ug/l 99
13) Acrolein	2.29	56	47891	88.861	ug/l 97
14) Acrylonitrile	3.15	53	229646	96.338	ug/l 100
15) Acetone	2.45	58	69876	87.693	ug/l 100
16) Carbon Disulfide	2.57	76	165680	19.528	ug/l 100
17) Allyl chloride	2.73	41	126982	19.740	ug/l 99
18) Methylene Chloride	2.85	84	65166	19.371	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	60593	19.606	ug/l 97
20) Diisopropyl ether	3.87	45	218535	19.925	ug/l 99
21) 1,1-Dichloroethane	3.70	63	119988	19.856	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	65328	19.109	ug/l 98
23) tert-Butyl Alcohol	3.07	59	110087	100.055	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	206274	19.404	ug/l 100
25) Chloroform	5.21	83	110276	19.390	ug/l 97
26) Cyclohexane	5.57	56	103006	19.862	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	82633	20.830	ug/l 99
30) 2-Butanone	4.70	43	316578	98.155	ug/l 100
31) 2,2-Dichloropropane	4.58	77	88307	20.289	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	93599	20.525	ug/l 99
33) Carbon Tetrachloride	5.78	117	81205	20.276	ug/l 99
34) Benzene	6.14	78	247234	20.538	ug/l 98
35) Methacrylonitrile	5.06	41	60424	20.159	ug/l 97
36) 1,2-Dichloroethane	6.20	62	89313	20.594	ug/l 99
37) Trichloroethene	7.21	130	65534	20.667	ug/l 97
38) Methylcyclohexane	7.46	83	96801	20.553	ug/l 100
39) 1,2-Dichloropropane	7.52	63	66307	20.672	ug/l 99
40) Dibromomethane	7.66	93	42917	20.644	ug/l 97

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Quant Time: Oct 03 07:48:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X100218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 03 04:49:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	81136	20.245	ug/l	99
42) Vinyl Acetate	3.82	43	1017970	109.094	ug/l	100
43) Ethyl Acetate	4.85	43	110440	20.758	ug/l	99
44) Isopropyl Acetate	6.46	43	155688	19.609	ug/l	100
45) 1,4-Dioxane	7.76	88	38827	415.083	ug/l	98
46) Methyl methacrylate	7.77	41	82473	20.021	ug/l	97
47) n-amyl Acetate	10.90	43	137724	18.801	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	89793	19.584	ug/l	97
49) cis-1,3-Dichloropropene	8.44	75	99141	19.949	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	64543	20.506	ug/l	99
51) Ethyl methacrylate	9.18	69	96866	19.392	ug/l	100
52) 1,3-Dichloropropane	9.37	76	106636	20.082	ug/l	100
53) Dibromochloromethane	9.59	129	64497	19.751	ug/l	100
54) 1,2-Dibromoethane	9.67	107	65660	20.018	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	265995	100.918	ug/l	99
56) Bromoform	10.86	173	51103	18.739	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	565718	98.989	ug/l	98
59) 2-Hexanone	9.49	43	448653	95.285	ug/l	100
61) Tetrachloroethene	9.34	164	64299	20.758	ug/l	98
62) Toluene	8.79	91	271267	20.279	ug/l	99
64) Chlorobenzene	10.14	112	172568	19.976	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	61812	19.683	ug/l	99
66) Ethyl Benzene	10.26	91	289400	19.817	ug/l	100
67) m/p-Xylenes	10.36	106	227688	40.042	ug/l	97
68) o-Xylene	10.70	106	108178	19.736	ug/l	98
69) Styrene	10.71	104	177283	19.235	ug/l	99
70) Isopropylbenzene	11.02	105	295917	20.162	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	102769	18.851	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	118421	23.844	ug/l	84
73) Bromobenzene	11.26	156	78504	19.458	ug/l	99
74) n-propylbenzene	11.36	91	346236	20.049	ug/l	99
75) 2-Chlorotoluene	11.42	91	207779	19.728	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	251904	19.891	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	28233	17.290	ug/l	98
78) 4-Chlorotoluene	11.51	91	239998	19.604	ug/l	99
79) tert-butylbenzene	12.07	119	268483	19.976	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	257290	19.922	ug/l	100
81) sec-Butylbenzene	11.94	105	298210	19.949	ug/l	100
82) p-Isopropyltoluene	12.07	119	268483	19.976	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	145507	19.503	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	146791	19.388	ug/l	100
85) n-Butylbenzene	12.39	91	236528	19.376	ug/l	99
86) Hexachloroethane	12.60	117	40940	18.493	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	145642	19.204	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.00	75	23314	18.507	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	107895	19.071	ug/l	100
90) Hexachlorobutadiene	13.79	225	55622	19.915	ug/l	98
91) Naphthalene	13.83	128	329637	18.739	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	111454	19.212	ug/l	99

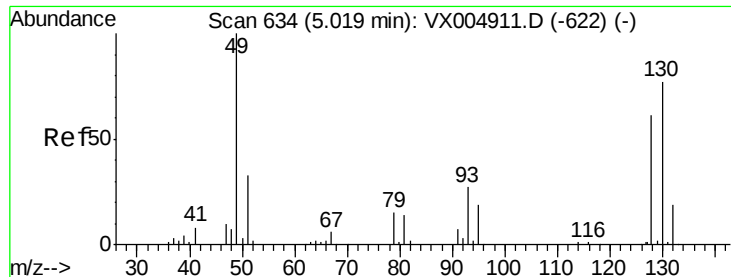
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBS01

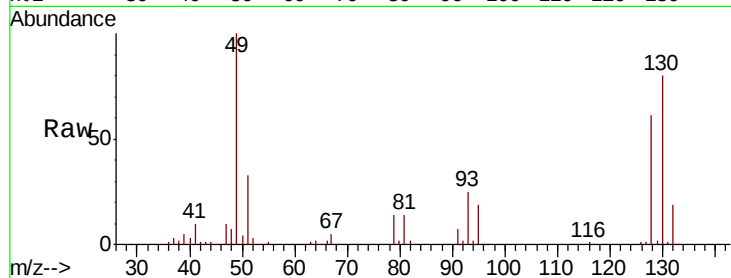
Tot Ion:128 Resp: 50554

Ion Ratio Lower Upper

128 100

49 171.6 0.0 429.5

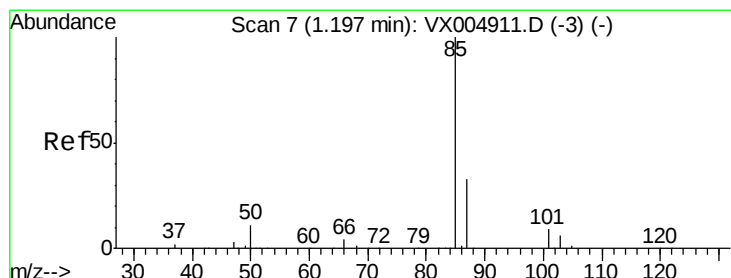
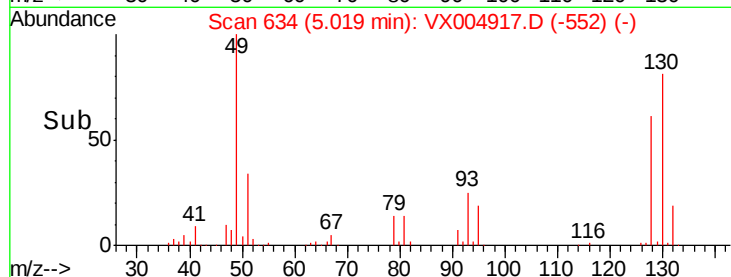
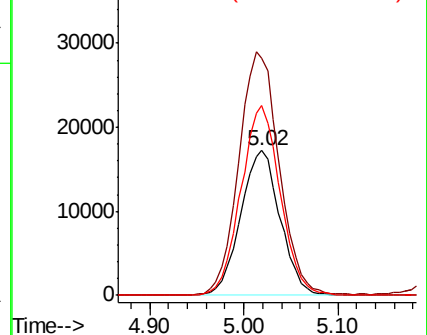
130 130.6 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.519 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004917.D

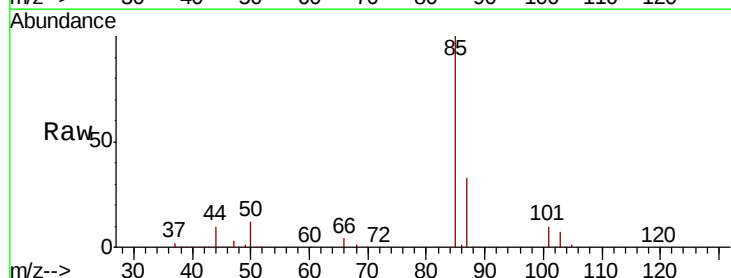
Acq: 02 Oct 2018 13:45

Tgt Ion: 85 Resp: 80763

Ion Ratio Lower Upper

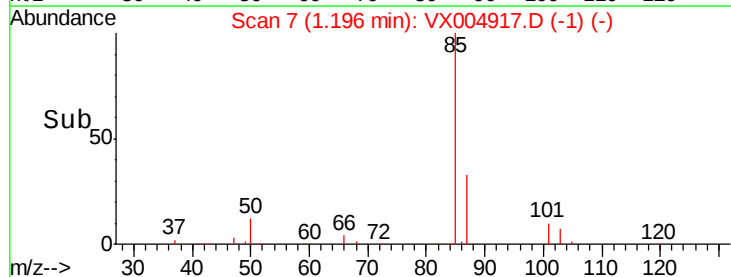
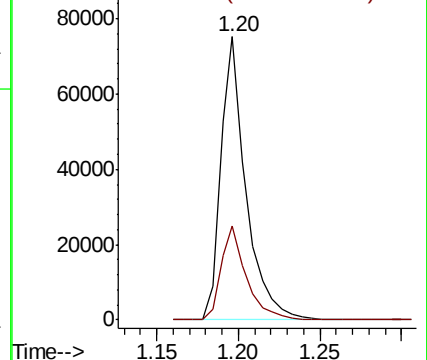
85 100

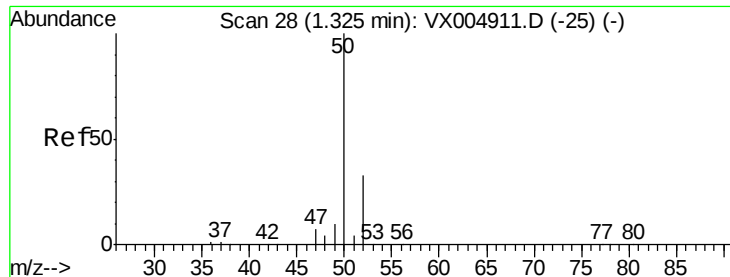
87 33.3 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

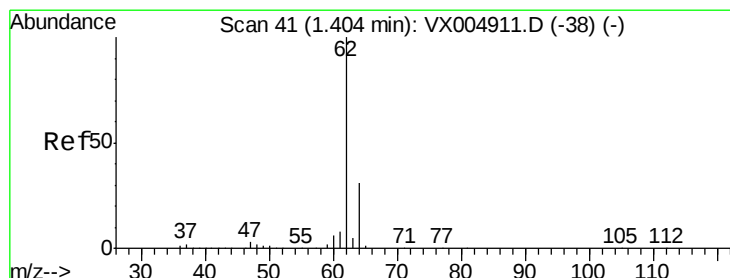
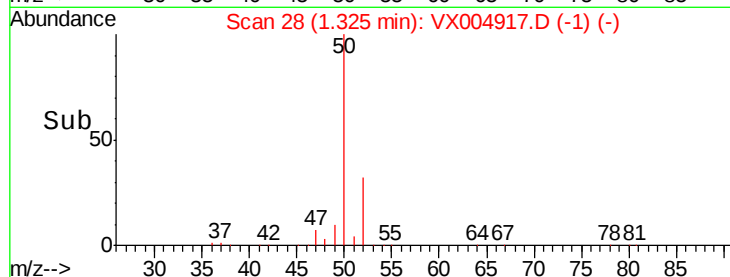
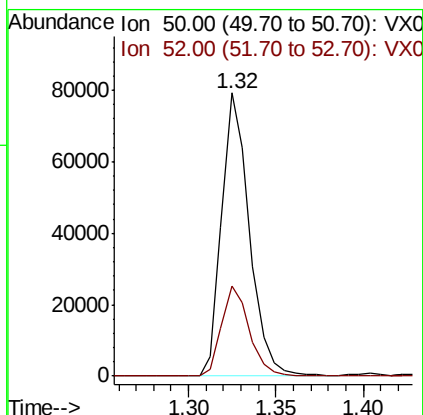
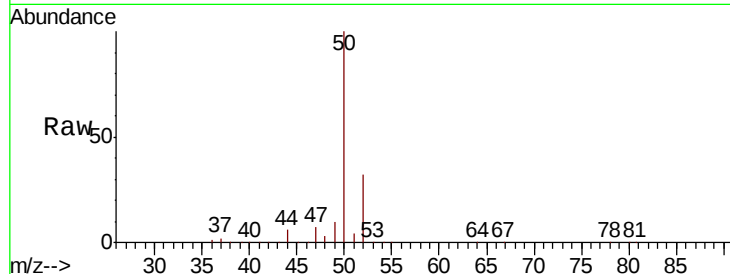




#3
Chloromethane
Concen: 21.466 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

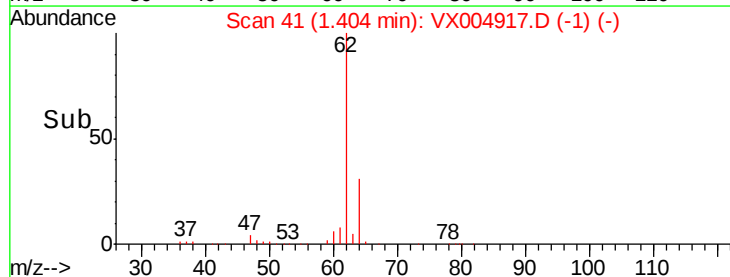
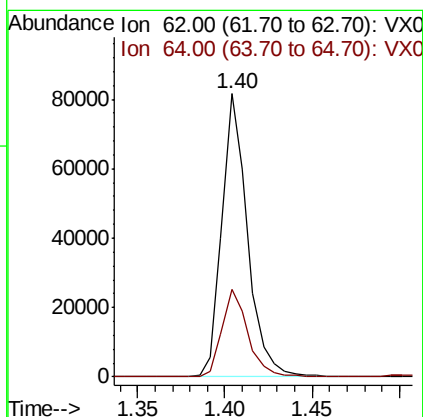
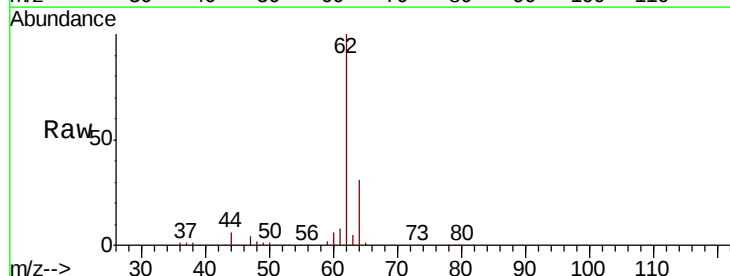
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

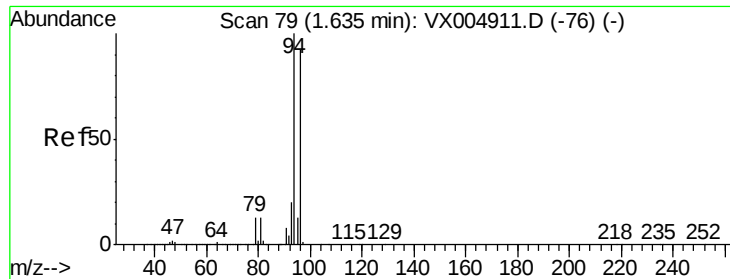
Tot Ion: 50 Resp: 87660
Ion Ratio Lower Upper
50 100
52 31.9 26.1 39.1



#4
Vinyl Chloride
Concen: 20.014 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Tgt Ion: 62 Resp: 83554
Ion Ratio Lower Upper
62 100
64 30.8 25.2 37.8





#5

Bromomethane

Concen: 18.918 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

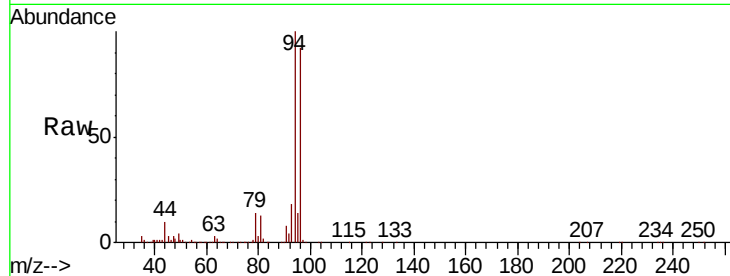
VX1002WBS01

Tot Ion: 94 Resp: 37898

Ion Ratio Lower Upper

94 100

96 92.2 73.8 110.8

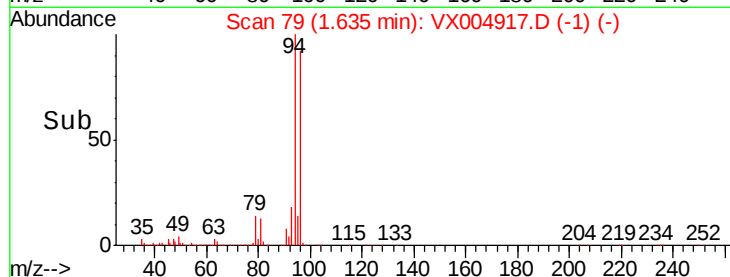


Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

Time-->



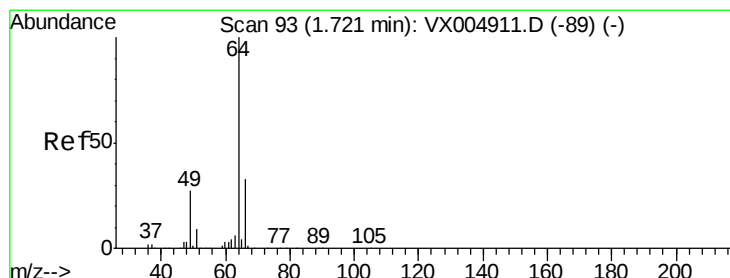
Abundance

Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

Time-->



#6

Chloroethane

Concen: 20.218 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX004917.D

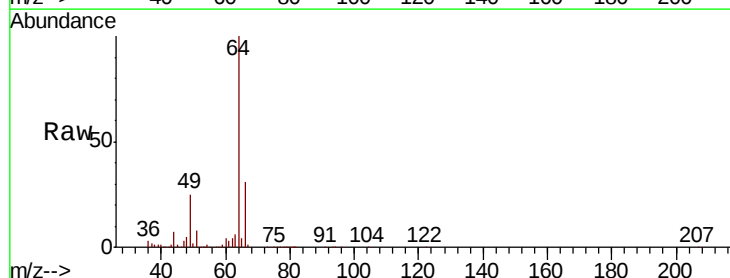
Acq: 02 Oct 2018 13:45

Tgt Ion: 64 Resp: 48459

Ion Ratio Lower Upper

64 100

66 31.2 26.0 39.0

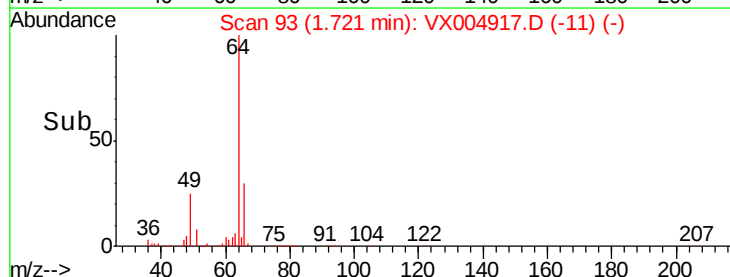


Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

Time-->



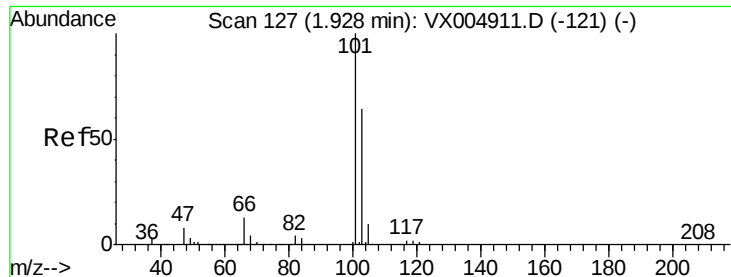
Abundance

Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

Time-->

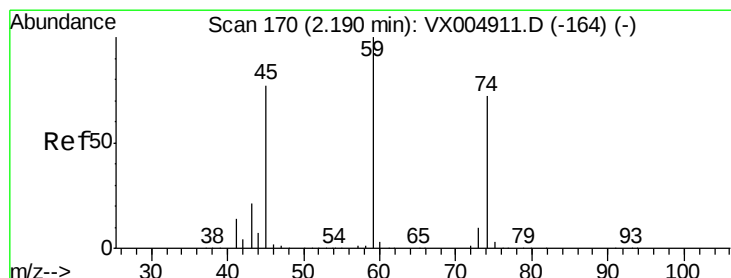
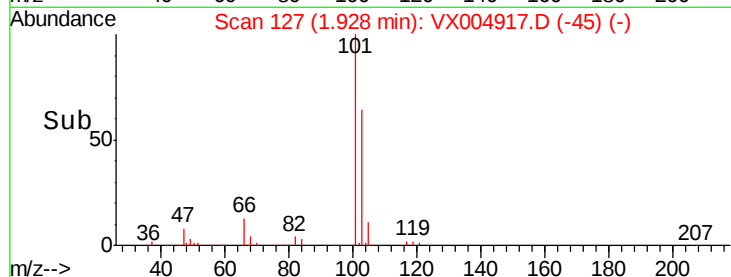
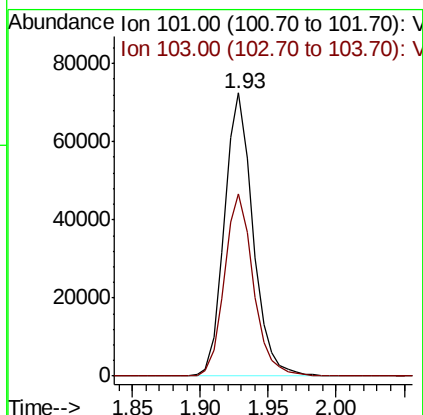
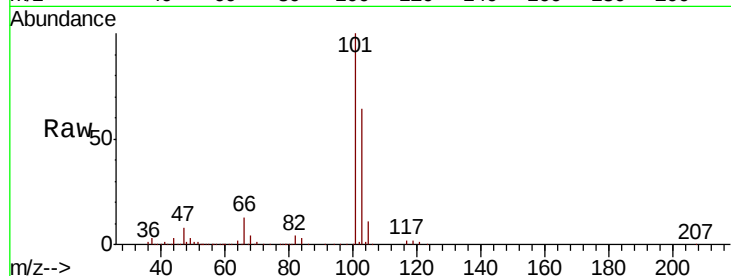


#7

Trichlorofluoromethane
 Concen: 19.906 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBS01

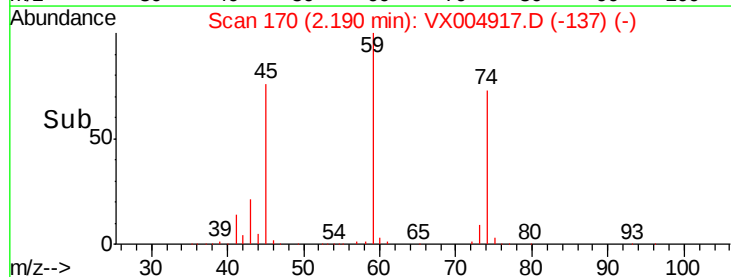
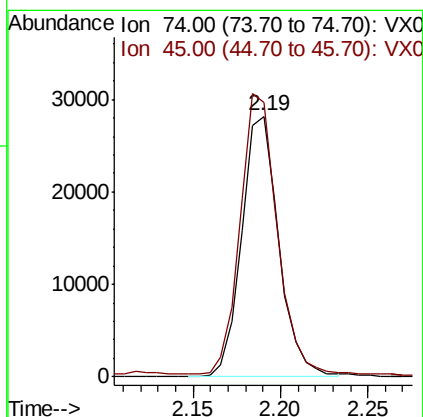
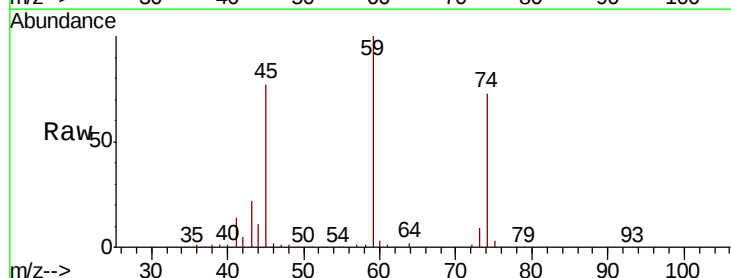
Tot Ion:101 Resp: 105858
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.1 76.7

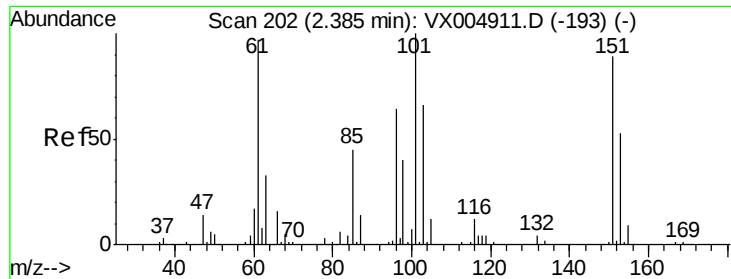


#8

Diethyl Ether
 Concen: 19.229 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

Tgt Ion: 74 Resp: 41687
 Ion Ratio Lower Upper
 74 100
 45 108.7 21.6 194.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.110 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBS01

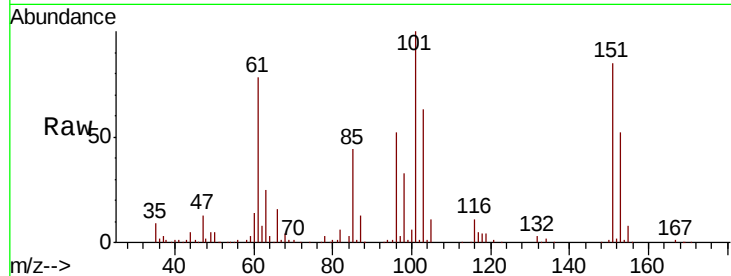
Tot Ion:101 Resp: 61416

Ion Ratio Lower Upper

101 100

85 45.0 0.0 88.0

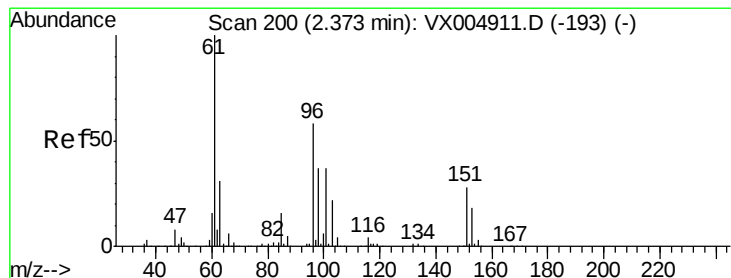
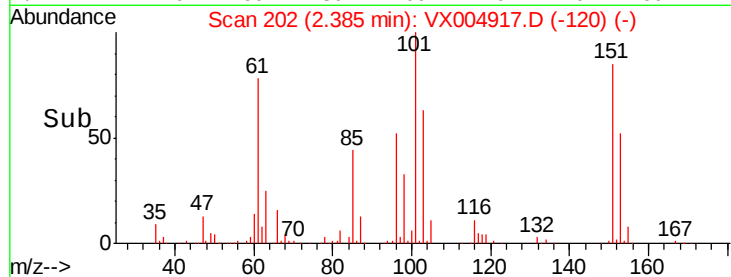
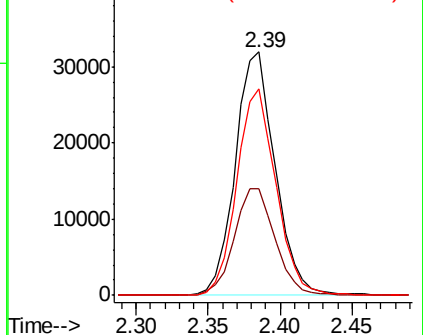
151 83.0 0.0 164.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.470 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

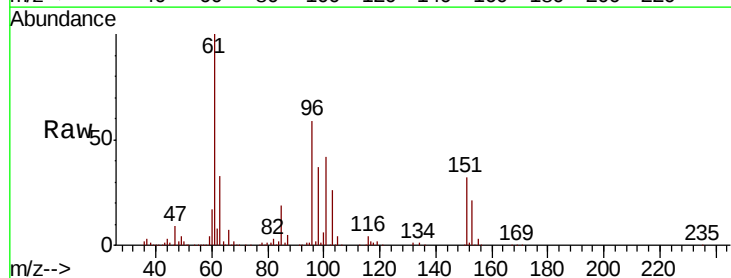
Tgt Ion: 96 Resp: 56322

Ion Ratio Lower Upper

96 100

61 169.7 137.9 206.9

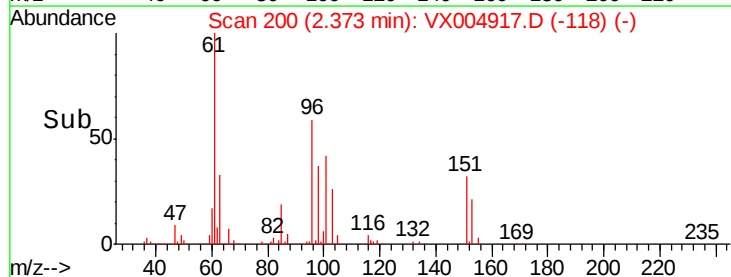
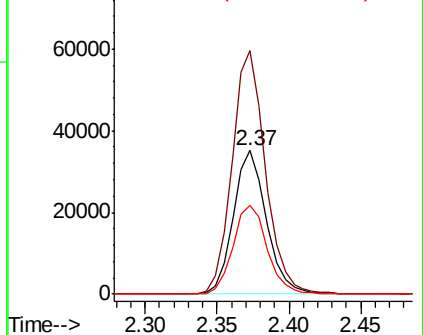
98 62.3 51.0 76.4

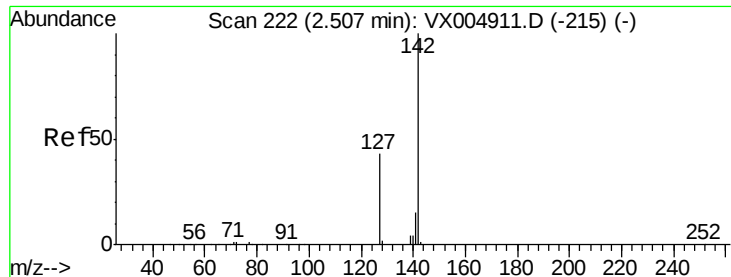


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

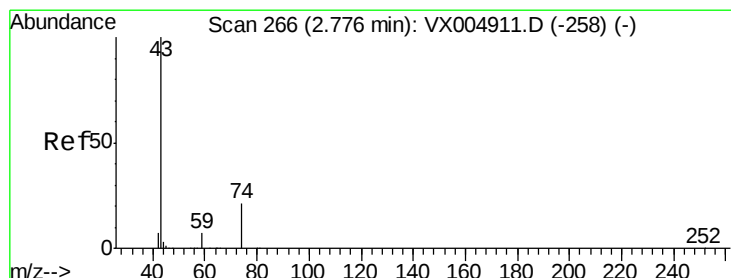
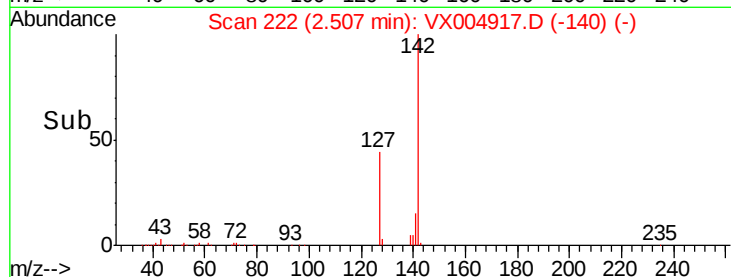
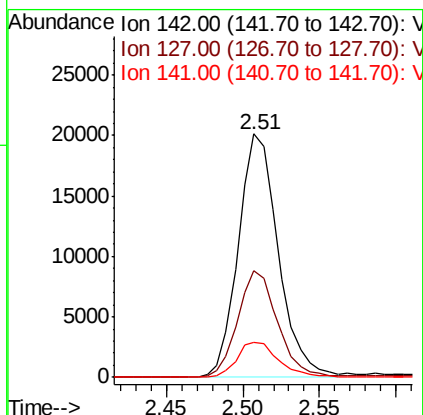
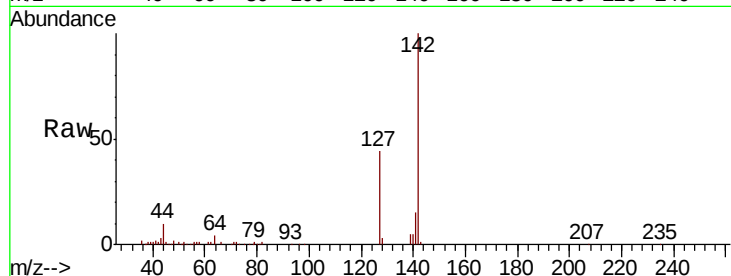




#11
Methvl Iodide
Concen: 20.901 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

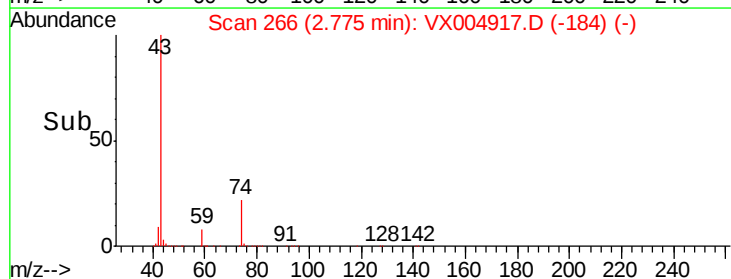
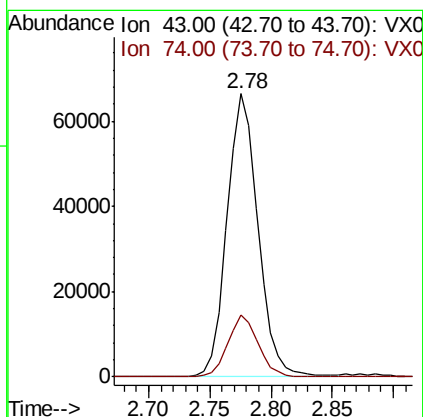
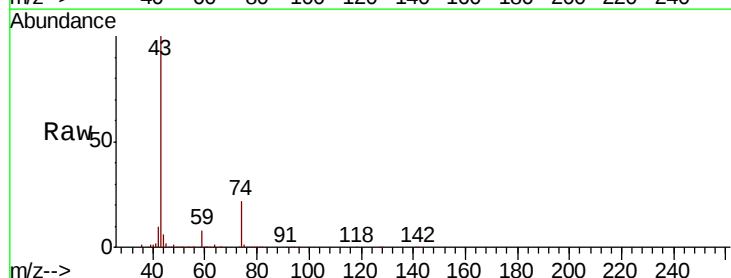
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

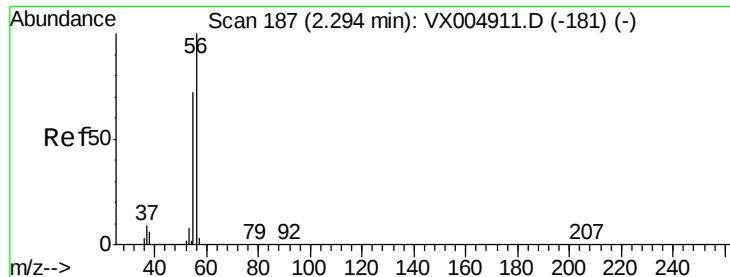
Tot Ion:142 Resp: 36603
Ion Ratio Lower Upper
142 100
127 43.9 21.6 64.8
141 14.7 7.5 22.6



#12
Methyl Acetate
Concen: 19.718 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Tgt Ion: 43 Resp: 115017
Ion Ratio Lower Upper
43 100
74 21.9 17.0 25.6





#13

Acrolein

Concen: 88.861 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

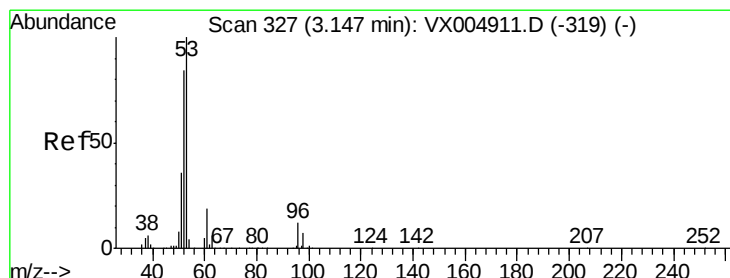
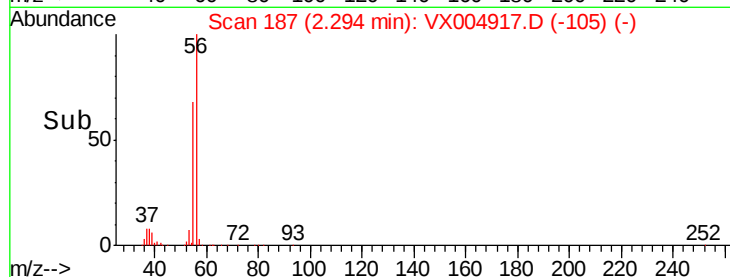
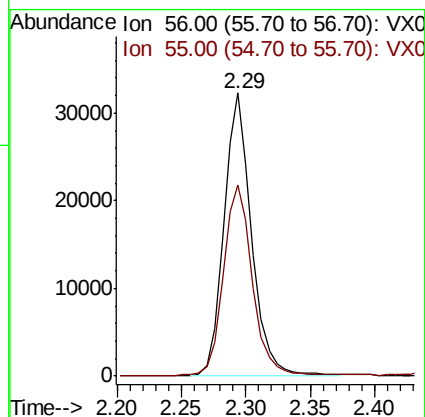
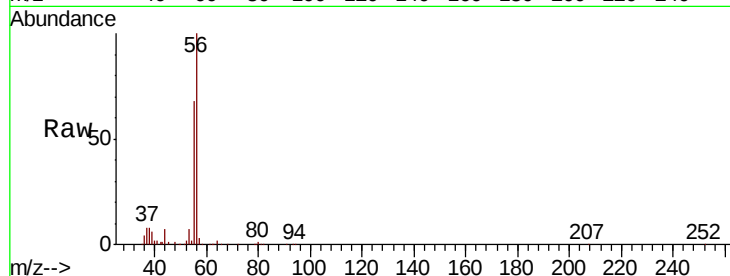
VX1002WBS01

Tot Ion: 56 Resp: 47891

Ion Ratio Lower Upper

56 100

55 70.0 57.9 86.9



#14

Acrylonitrile

Concen: 96.338 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

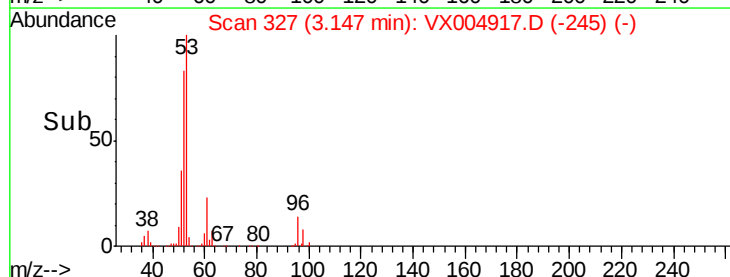
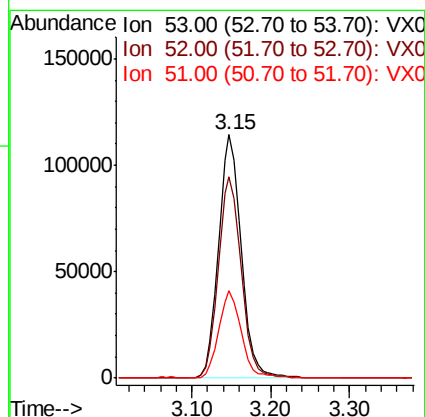
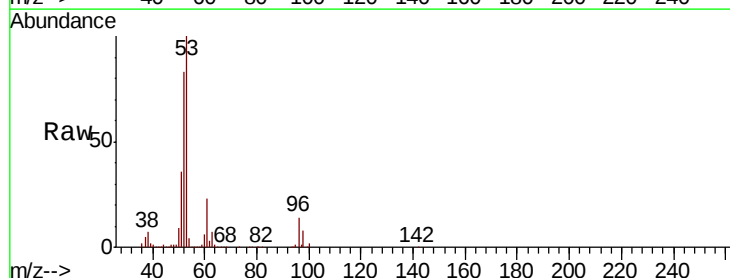
Tgt Ion: 53 Resp: 229646

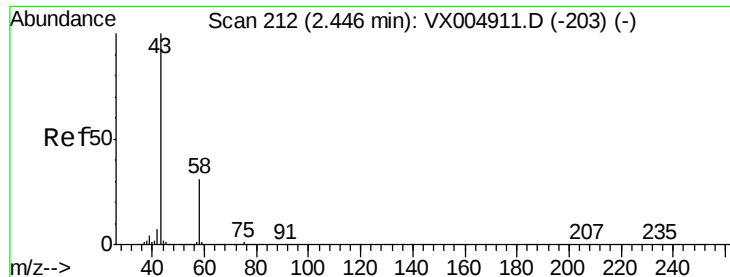
Ion Ratio Lower Upper

53 100

52 83.2 41.5 124.6

51 35.7 18.0 54.0





#15

Acetone

Concen: 87.693 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

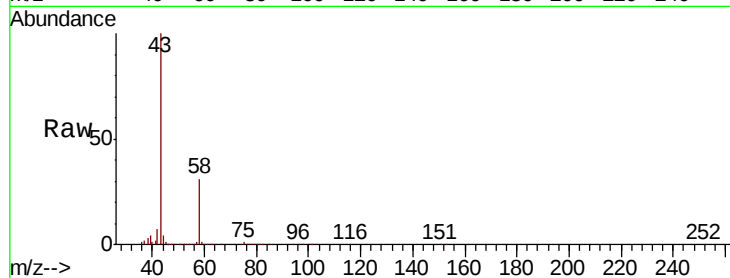
VX1002WBS01

Tot Ion: 58 Resp: 69876

Ion Ratio Lower Upper

58 100

43 323.0 258.6 388.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

150000

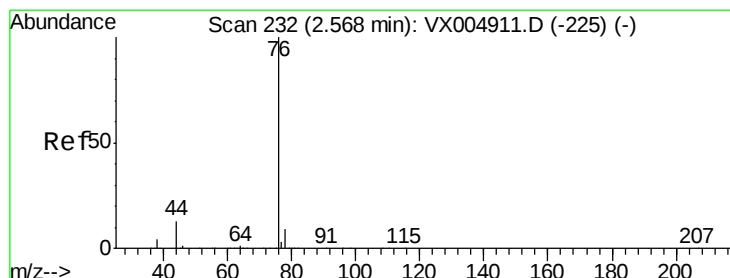
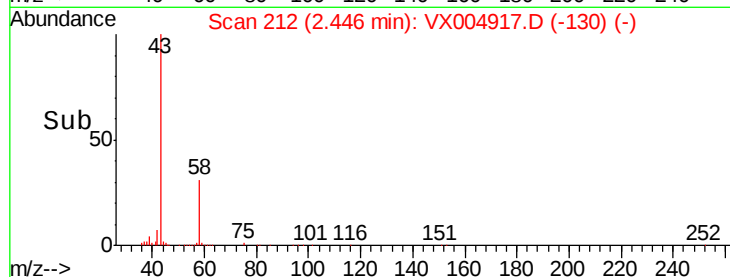
100000

50000

0

2.40 2.45 2.50

Time-->



#16

Carbon Disulfide

Concen: 19.528 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004917.D

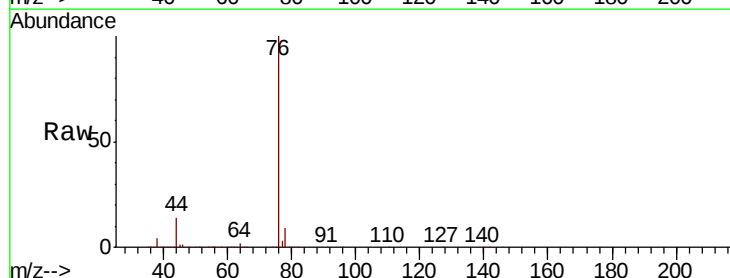
Acq: 02 Oct 2018 13:45

Tgt Ion: 76 Resp: 165680

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

100000

80000

60000

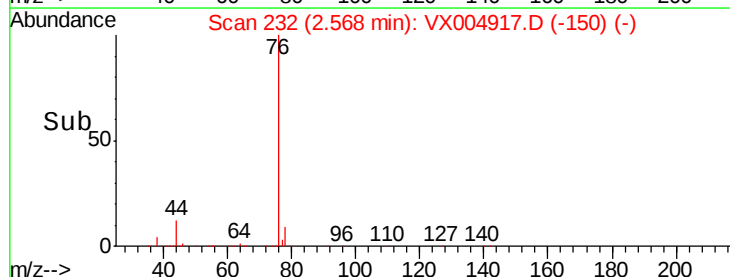
40000

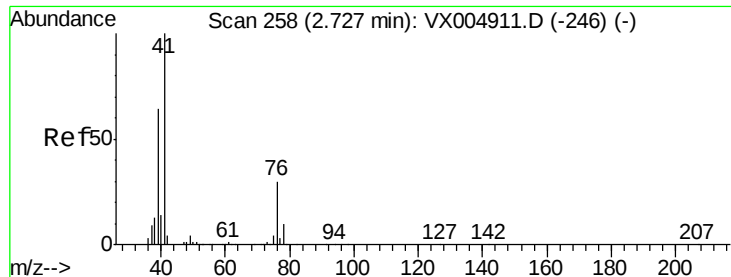
20000

0

2.50 2.55 2.60 2.65

Time-->





#17

Allvl chloride

Concen: 19.740 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBS01

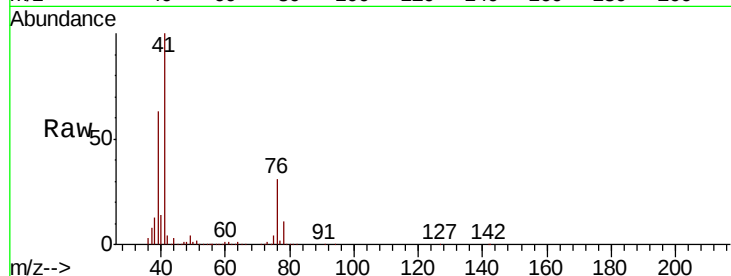
Tot Ion: 41 Resp: 126982

Ion Ratio Lower Upper

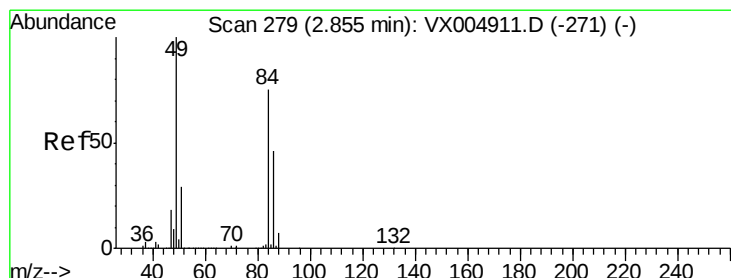
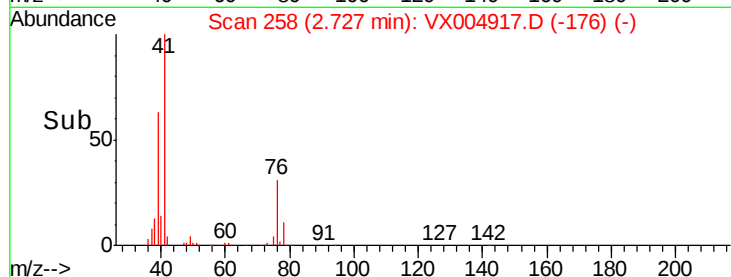
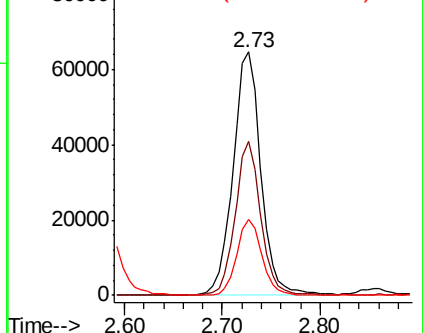
41 100

39 63.3 31.8 95.4

76 31.2 15.3 45.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 19.371 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Tgt Ion: 84 Resp: 65166

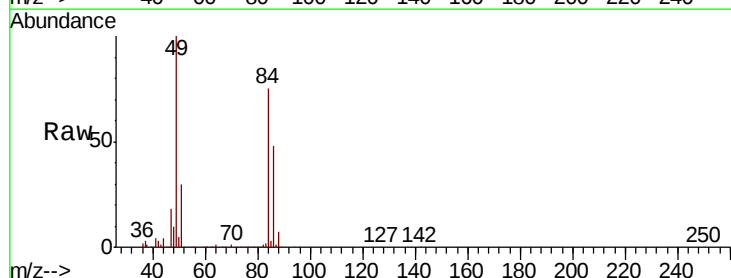
Ion Ratio Lower Upper

84 100

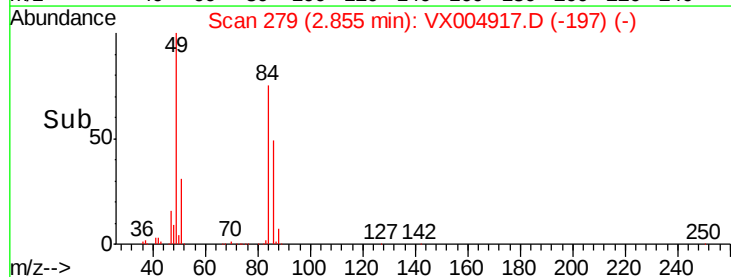
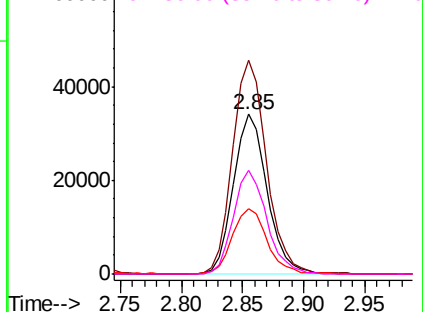
49 133.4 106.2 159.4

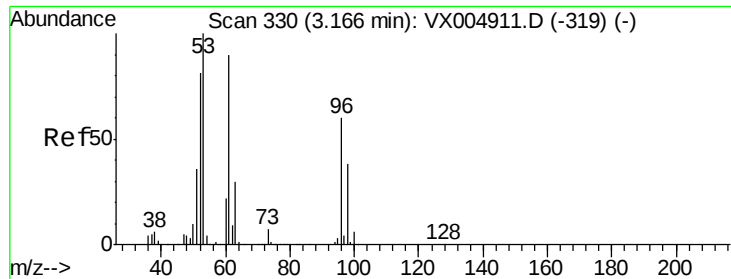
51 40.4 31.3 46.9

86 64.7 48.9 73.3



Abundance Ion 84.00 (83.70 to 84.70): VX0
Ion 49.00 (48.70 to 49.70): VX0
Ion 51.00 (50.70 to 51.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

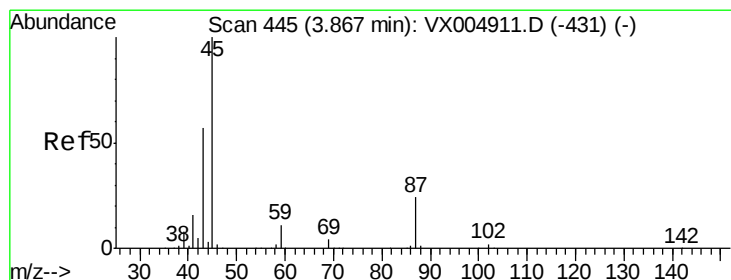
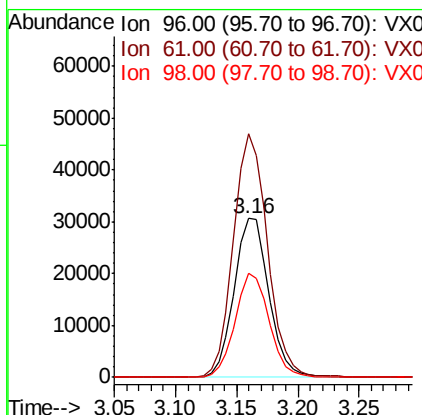
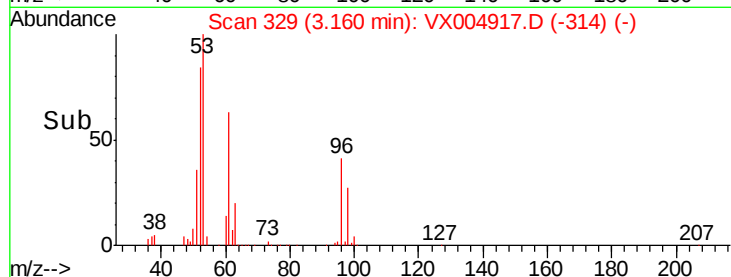
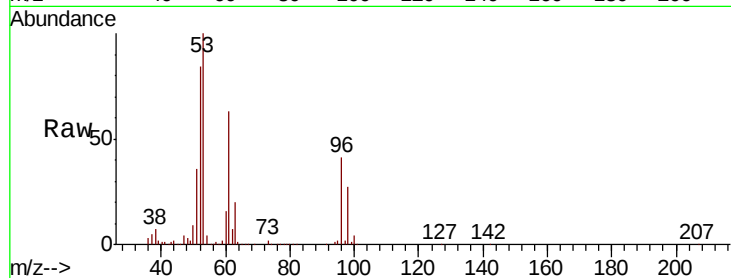




#19
trans-1,2-Dichloroethene
Concen: 19.606 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

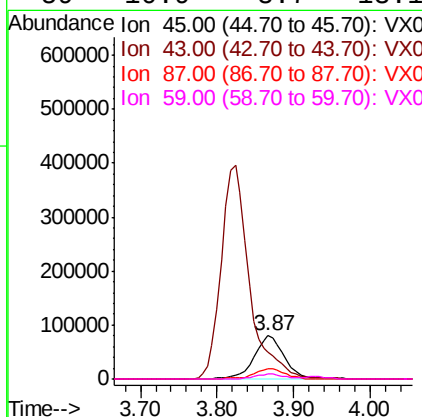
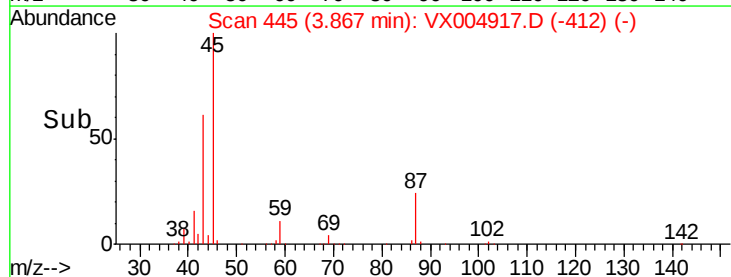
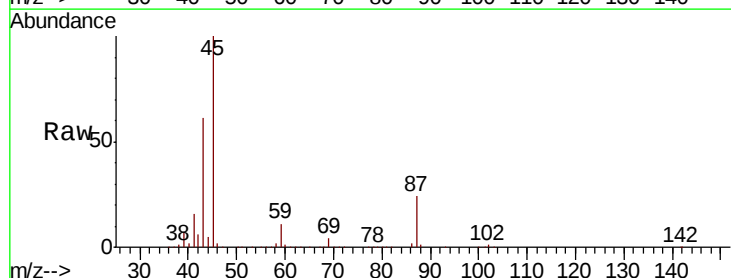
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

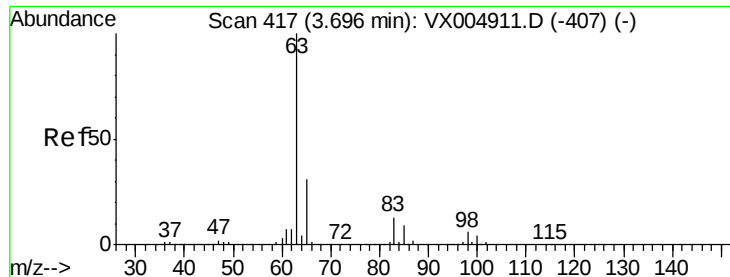
Tot Ion: 96 Resp: 60593
Ion Ratio Lower Upper
96 100
61 153.7 119.5 179.3
98 65.9 50.6 75.8



#20
Diisopropyl ether
Concen: 19.925 ug/l
RT: 3.87 min Scan# 445
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Tgt Ion: 45 Resp: 218535
Ion Ratio Lower Upper
45 100
43 61.2 49.8 74.8
87 23.9 19.1 28.7
59 10.9 8.7 13.1

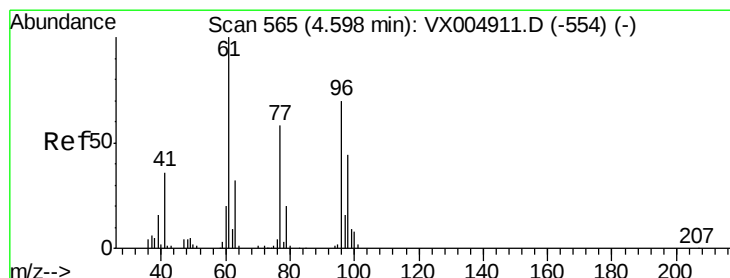
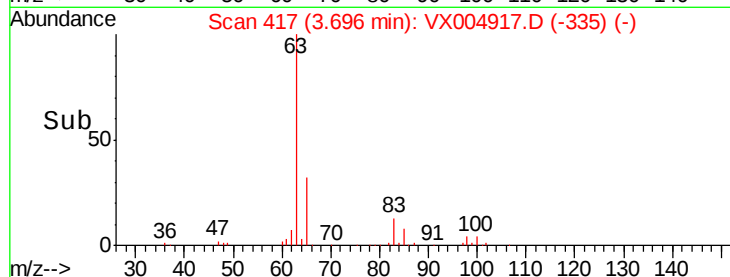
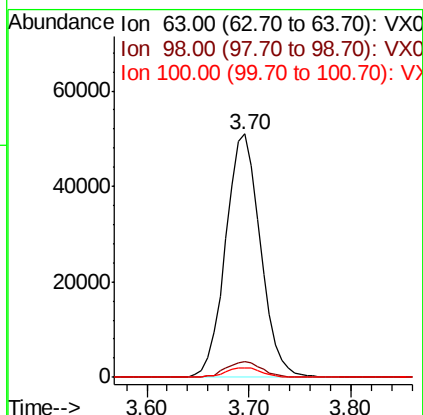
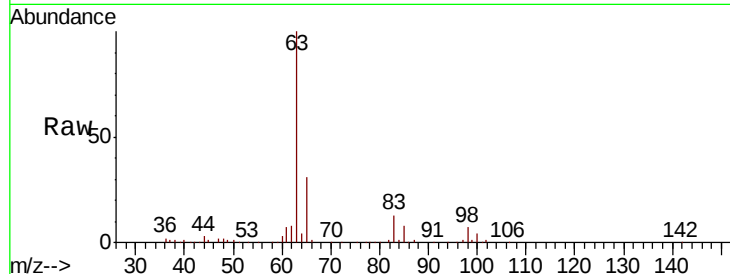




#21
 1,1-Dichloroethane
 Concen: 19.856 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

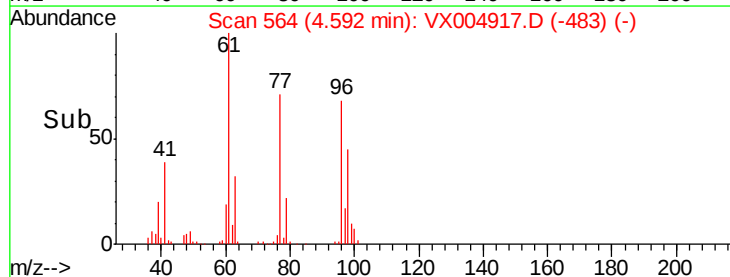
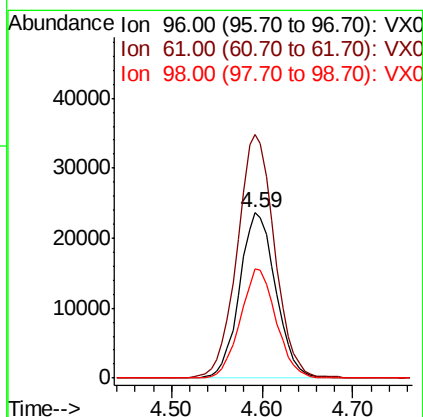
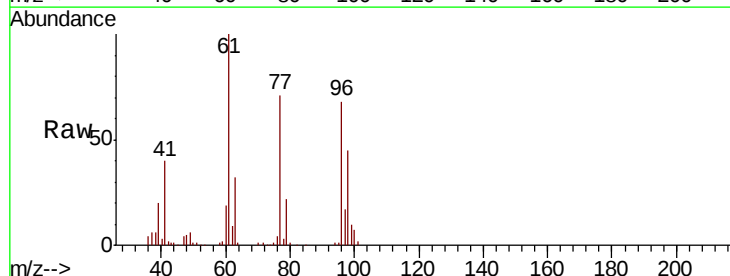
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBS01

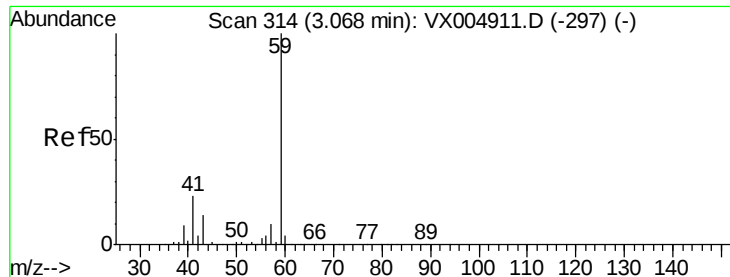
Tot Ion: 63 Resp: 119988
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.2 9.6
 100 4.0 2.1 6.5



#22
 cis-1,2-Dichloroethene
 Concen: 19.109 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

Tgt Ion: 96 Resp: 65328
 Ion Ratio Lower Upper
 96 100
 61 151.8 123.3 184.9
 98 65.2 51.4 77.0



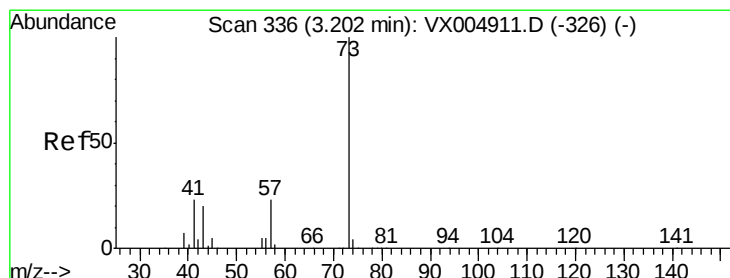
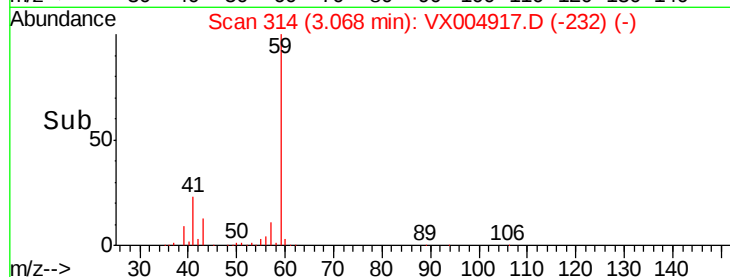
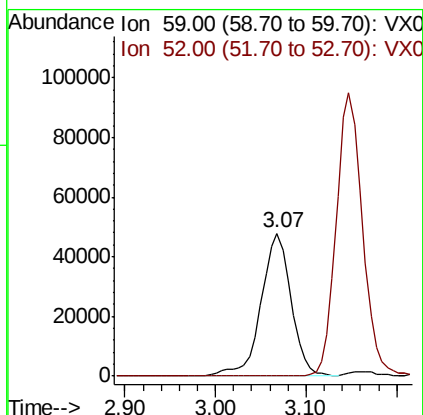
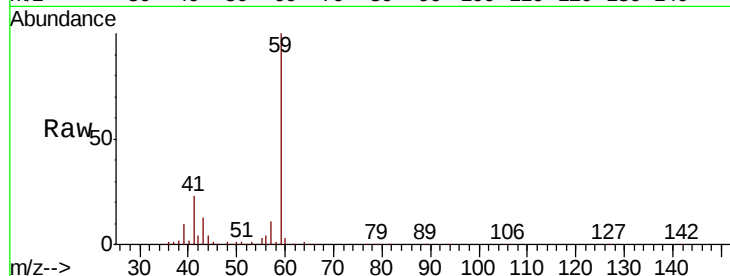


#23

tert-Butyl Alcohol
 Concen: 100.055 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

Instrument :
 MSVOA_X
 ClientSampled :
 VX1002WBS01

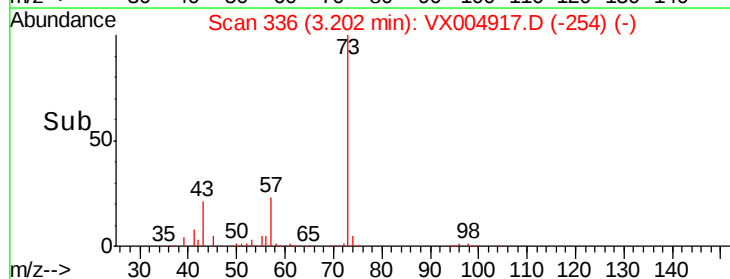
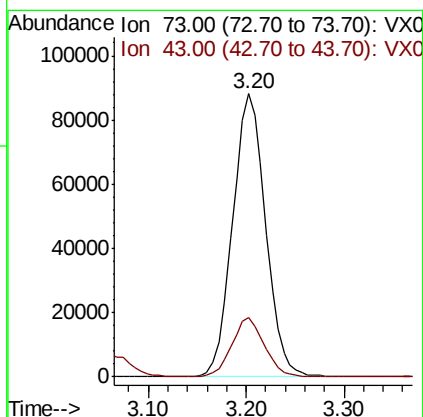
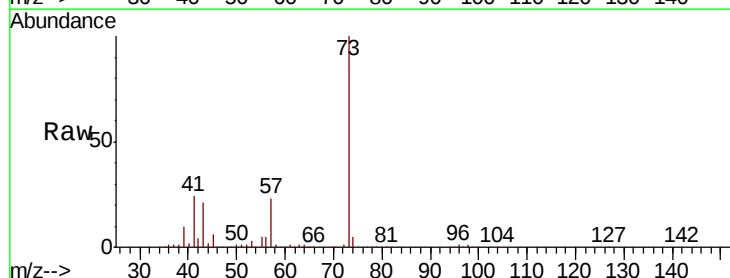
Tot Ion: 59 Resp: 110087
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#

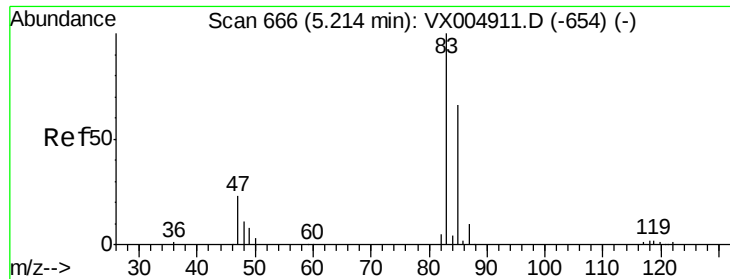


#24

Methyl tert-Butyl Ether
 Concen: 19.404 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

Tgt Ion: 73 Resp: 206274
 Ion Ratio Lower Upper
 73 100
 43 20.2 16.3 24.5

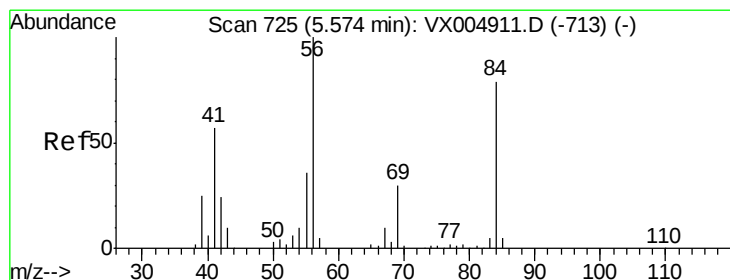
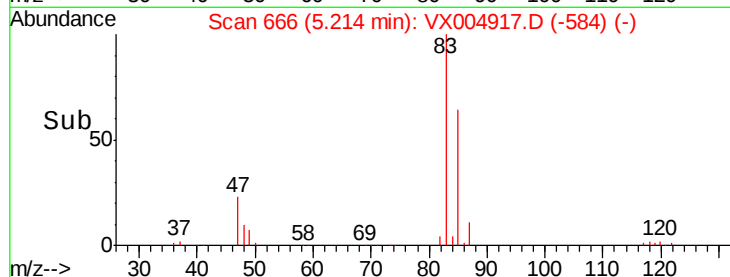
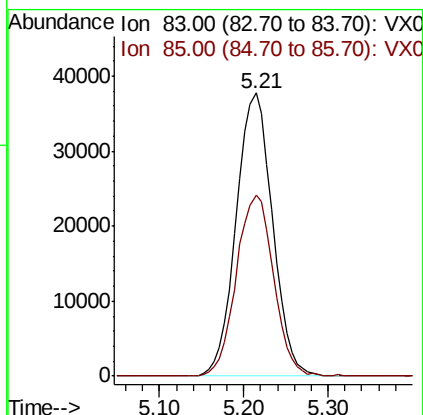
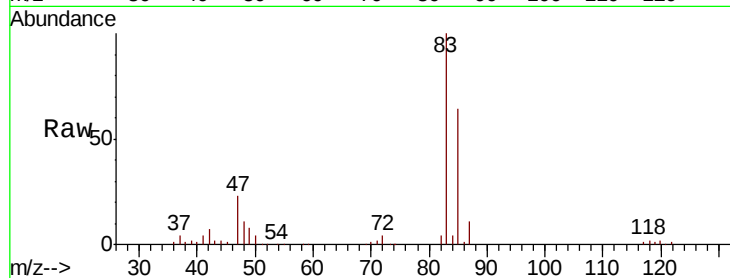




#25
Chloroform
Concen: 19.390 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

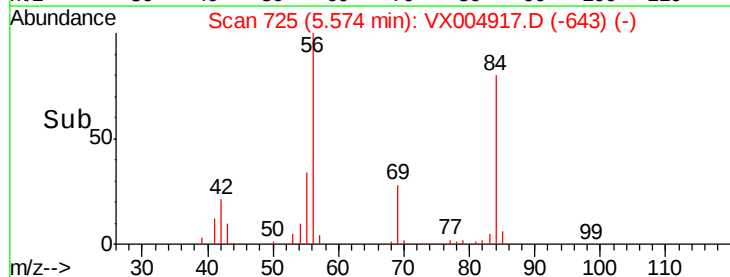
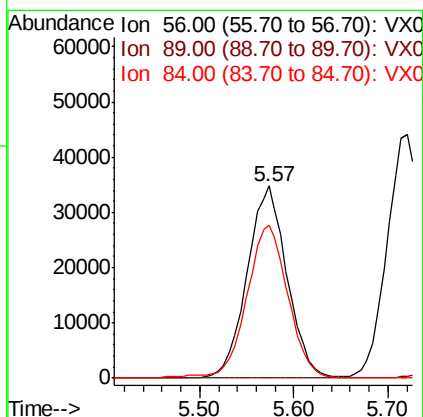
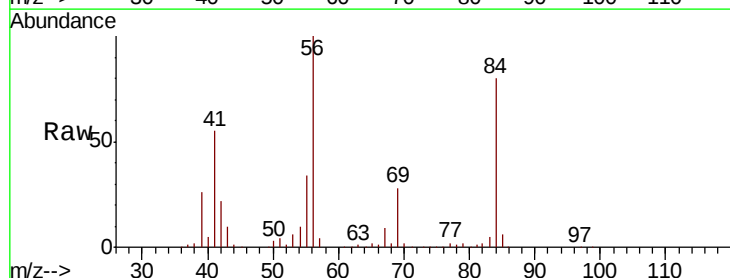
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

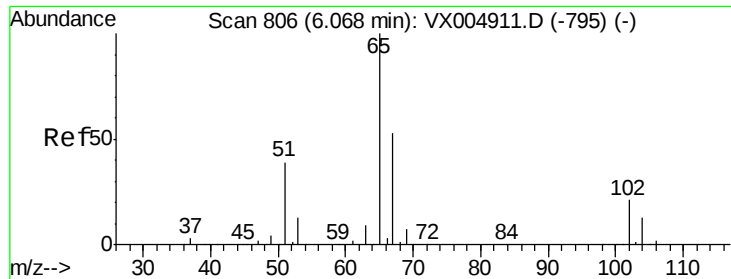
Tot Ion: 83 Resp: 110276
Ion Ratio Lower Upper
83 100
85 63.9 53.1 79.7



#26
Cyclohexane
Concen: 19.862 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Tgt Ion: 56 Resp: 103006
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.3 65.8 98.6





#27

1,2-Dichloroethane-d4

Concen: 28.809 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

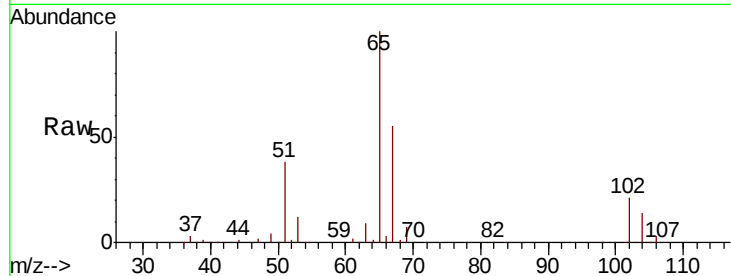
VX1002WBS01

Tot Ion: 65 Resp: 110672

Ion Ratio Lower Upper

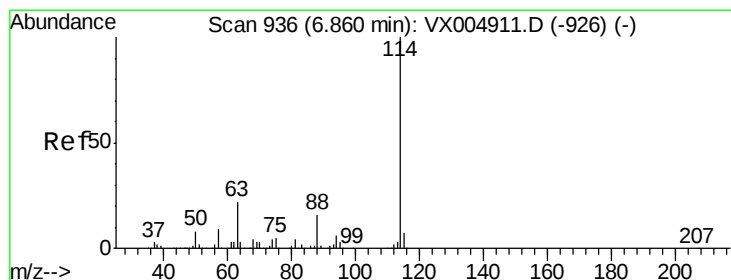
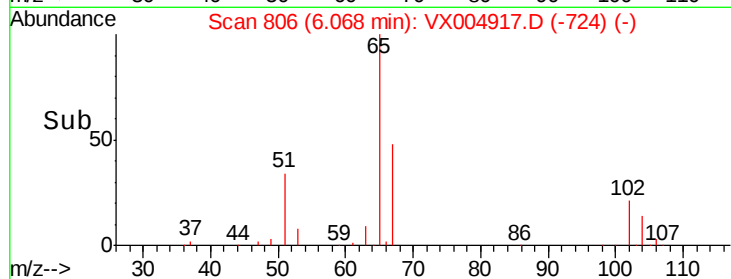
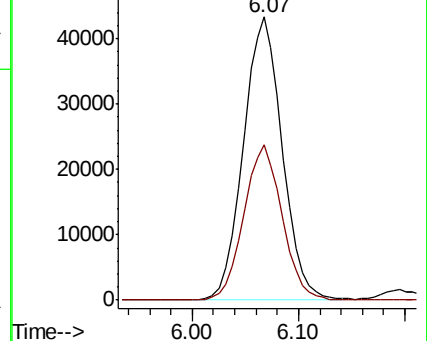
65 100

67 54.3 43.0 64.6



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

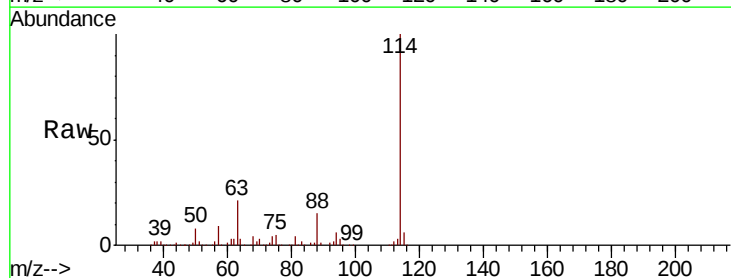
Tgt Ion: 114 Resp: 268081

Ion Ratio Lower Upper

114 100

63 21.1 16.6 24.8

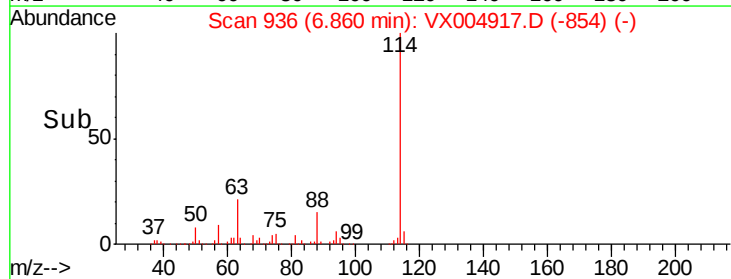
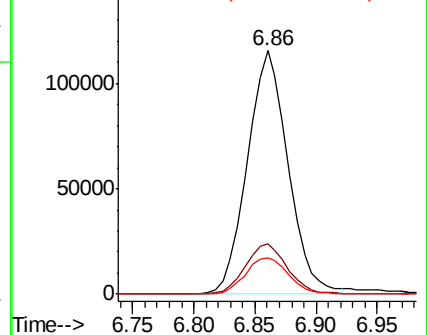
88 15.9 12.4 18.6

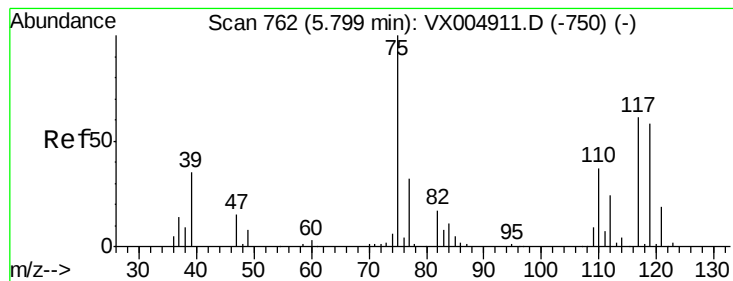


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 20.830 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBS01

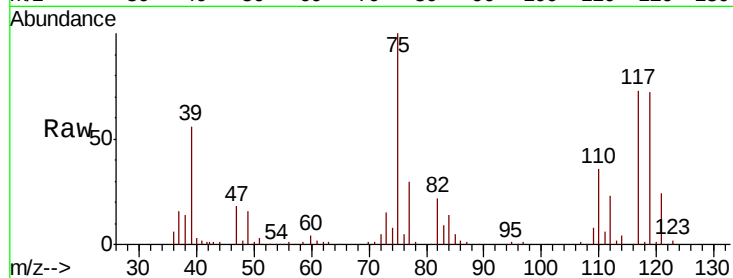
Tot Ion: 75 Resp: 82633

Ion Ratio Lower Upper

75 100

110 35.6 0.0 70.8

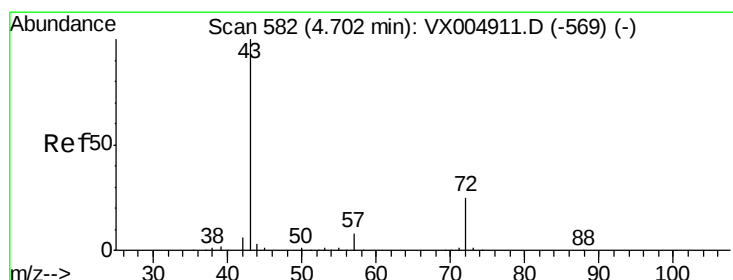
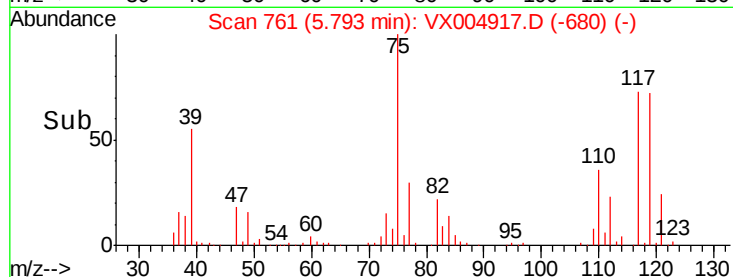
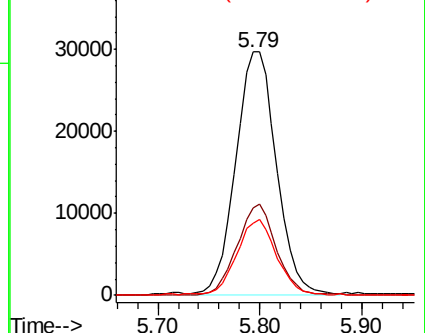
77 30.3 0.0 63.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 98.155 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

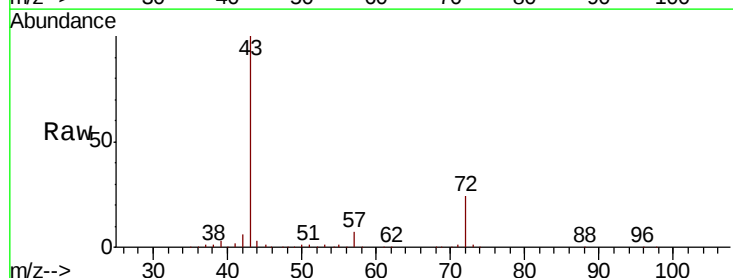
Tgt Ion: 43 Resp: 316578

Ion Ratio Lower Upper

43 100

57 7.7 6.2 9.4

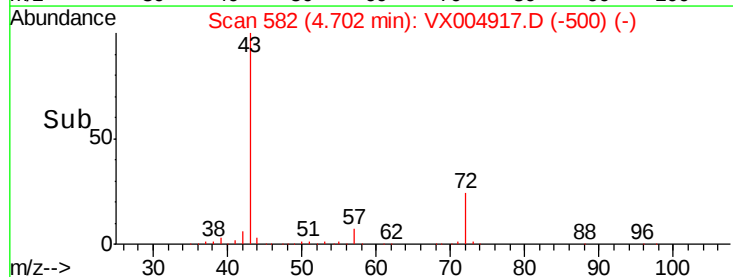
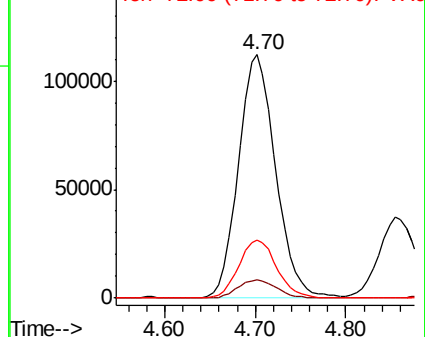
72 24.3 19.7 29.5

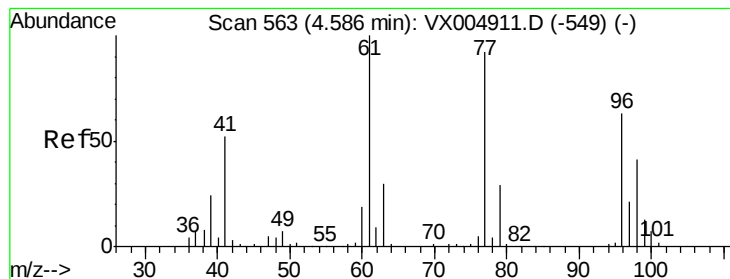


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 20.289 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

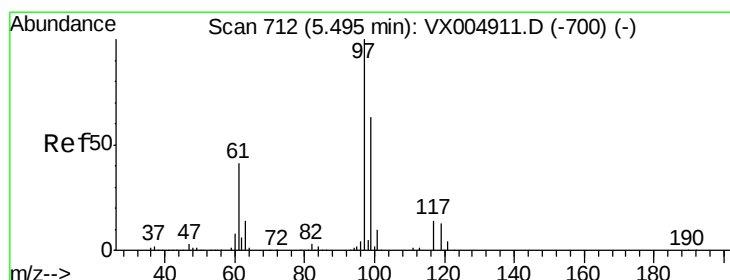
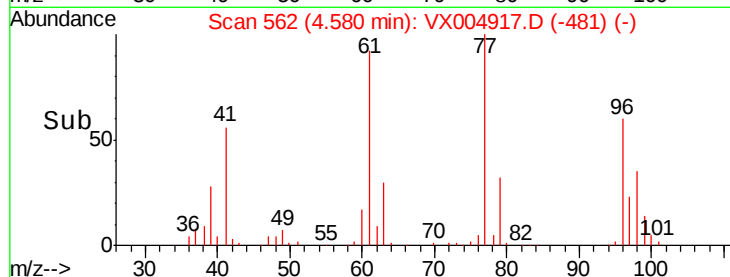
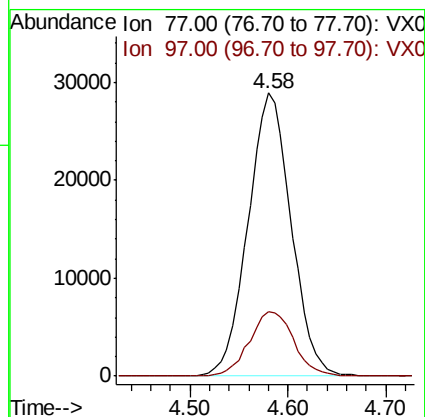
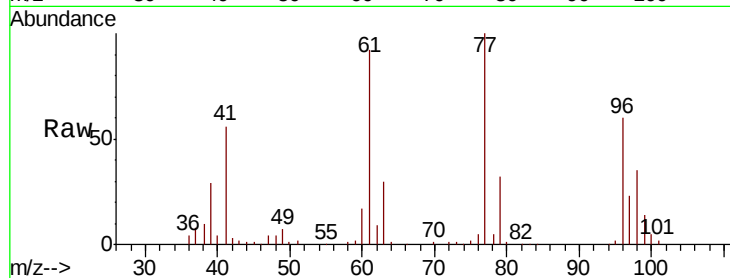
VX1002WBS01

Tot Ion: 77 Resp: 88307

Ion Ratio Lower Upper

77 100

97 23.3 18.5 27.7



#32

1,1,1-Trichloroethane

Concen: 20.525 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

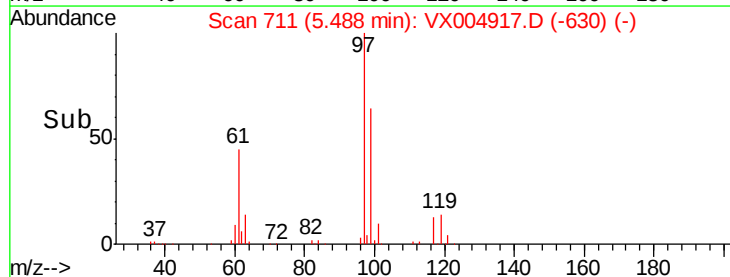
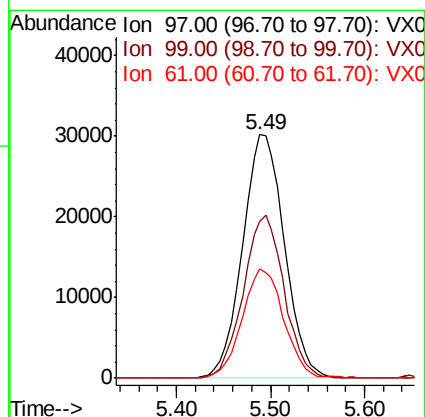
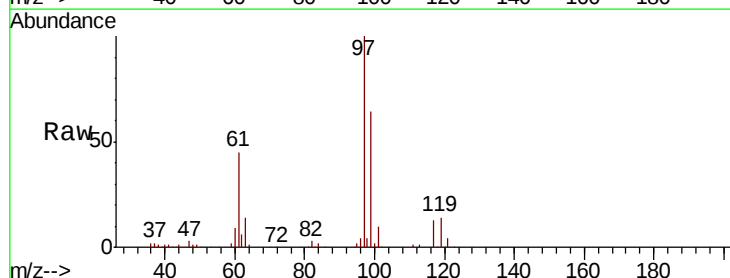
Tgt Ion: 97 Resp: 93599

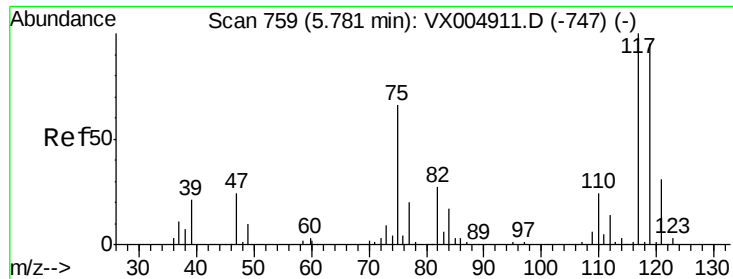
Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.6

61 44.4 35.8 53.6

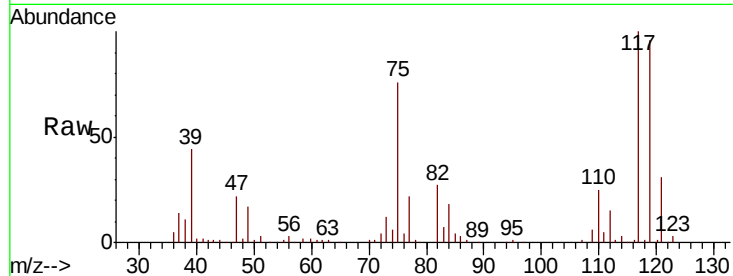




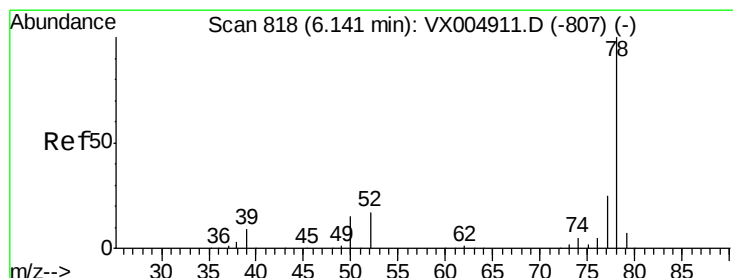
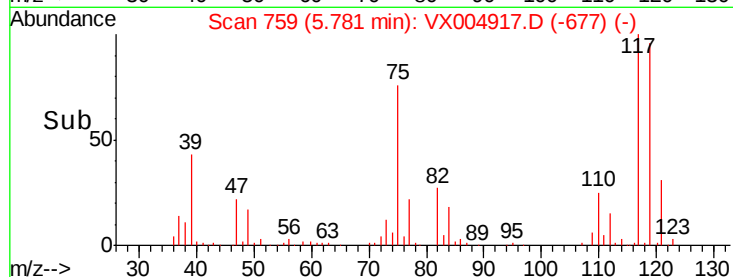
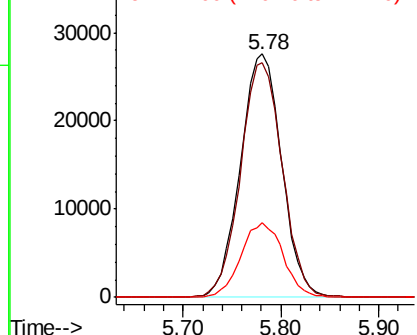
#33
Carbon Tetrachloride
Concen: 20.276 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tot Ion:117 Resp: 81205
Ion Ratio Lower Upper
117 100
119 96.3 76.2 114.4
121 30.8 25.2 37.8

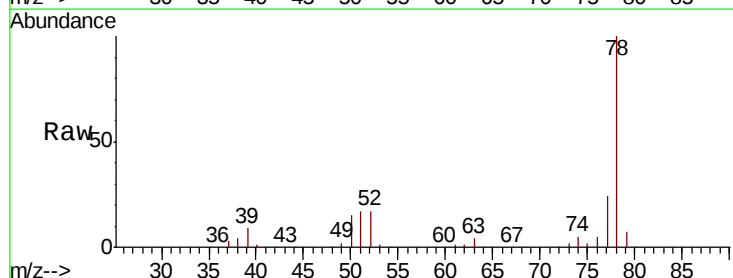


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

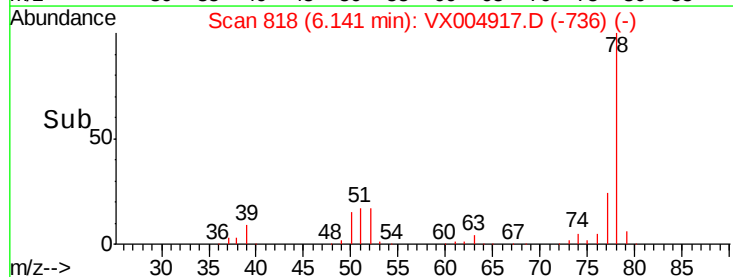
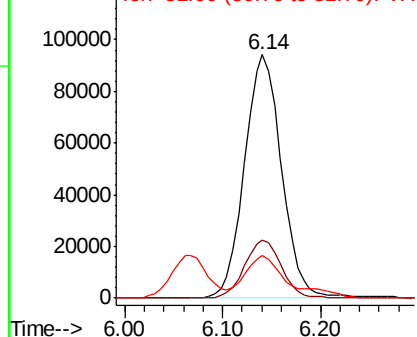


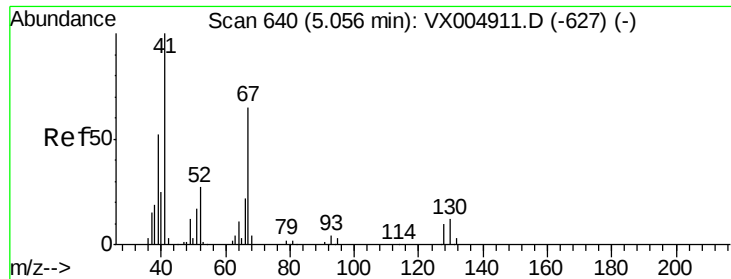
#34
Benzene
Concen: 20.538 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Tgt Ion: 78 Resp: 247234
Ion Ratio Lower Upper
78 100
77 24.0 19.8 29.8
51 15.8 13.8 20.6



Abundance Ion 78.10 (77.80 to 78.80): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 51.00 (50.70 to 51.70): VX0

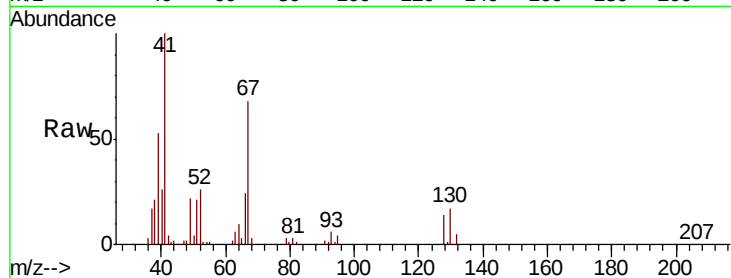




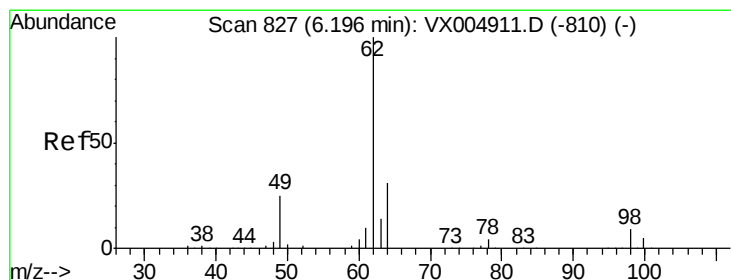
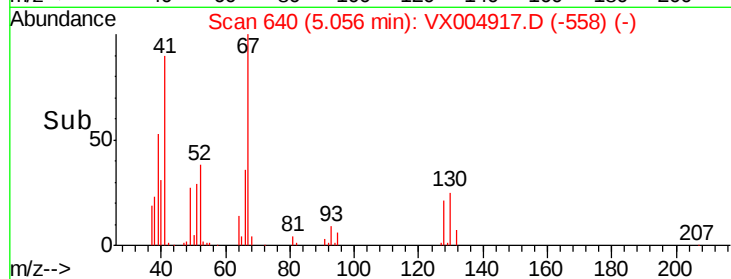
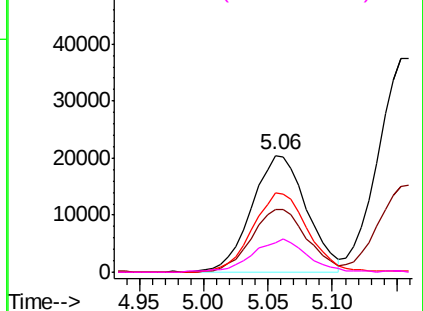
#35
Methacrylonitrile
Concen: 20.159 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tot Ion:	41	Resp:	60424
Ion	Ratio	Lower	Upper
41	100		
39	53.1	26.1	78.3
67	67.6	32.3	96.9
52	25.0	13.5	40.5

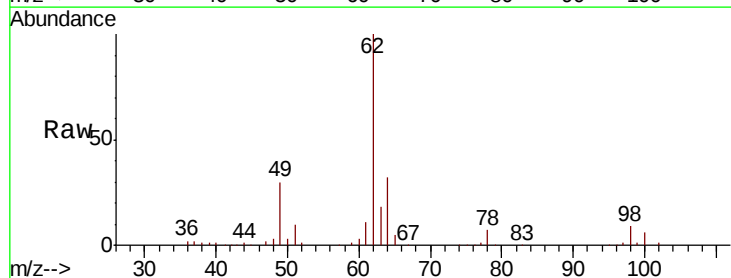


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

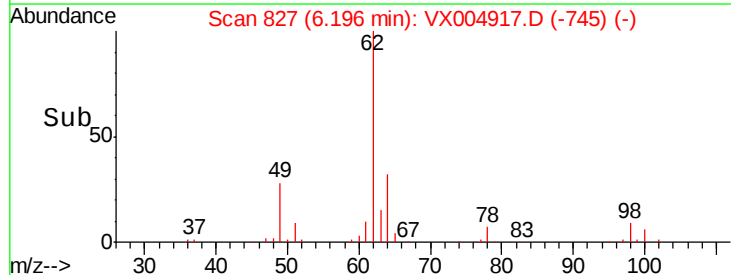
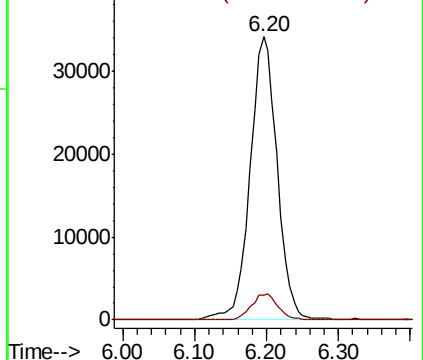


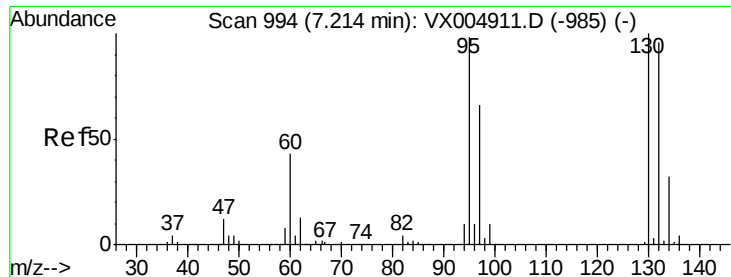
#36
1,2-Dichloroethane
Concen: 20.594 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Tgt Ion:	62	Resp:	89313
Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.5	11.3



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

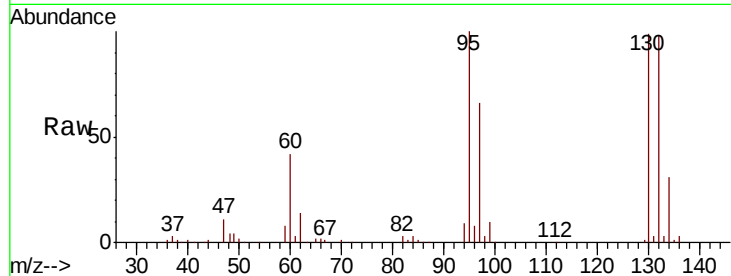




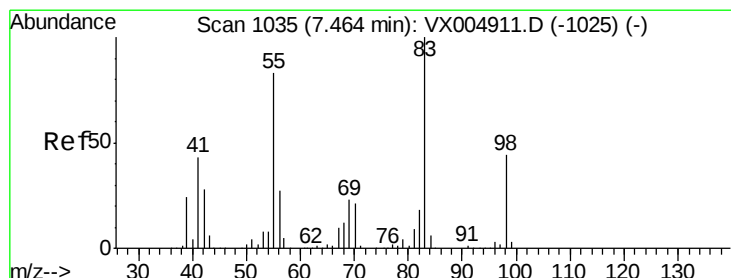
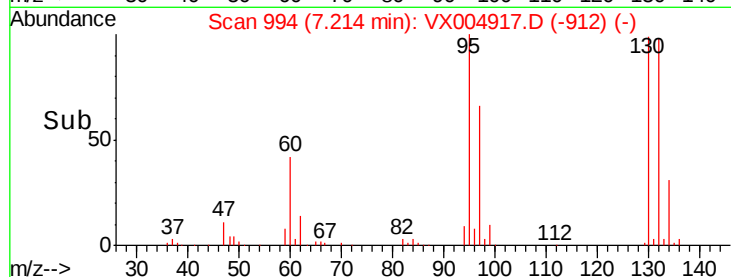
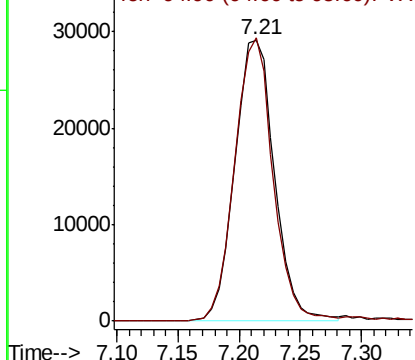
#37
 Trichloroethene
 Concen: 20.667 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBS01

Tot Ion:130 Resp: 65534
 Ion Ratio Lower Upper
 130 100
 95 100.6 78.5 117.7

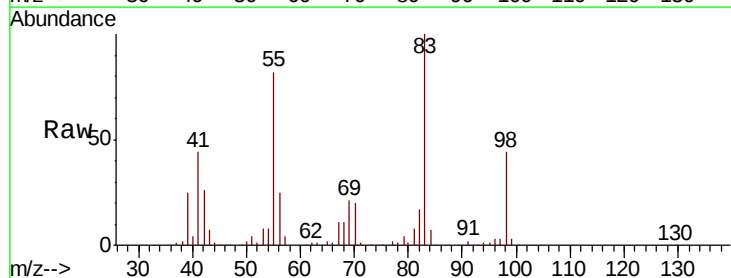


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

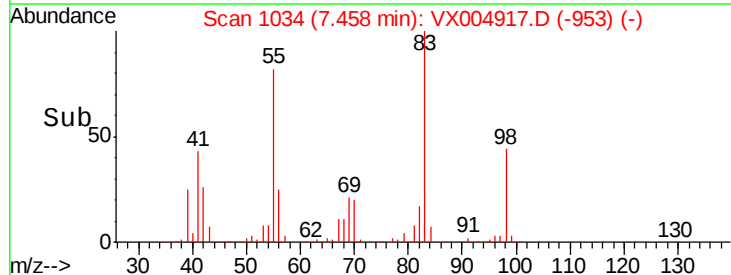
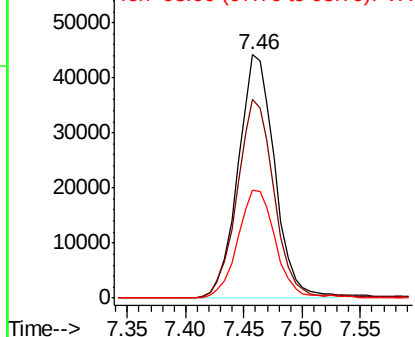


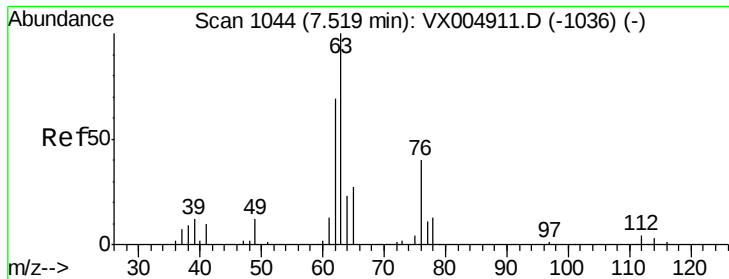
#38
 Methylcyclohexane
 Concen: 20.553 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

Tgt Ion: 83 Resp: 96801
 Ion Ratio Lower Upper
 83 100
 55 83.7 41.8 125.3
 98 45.4 22.4 67.3



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

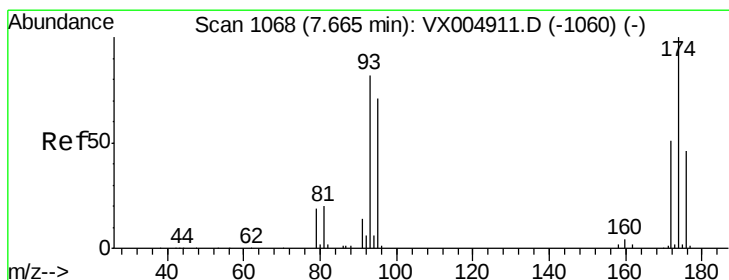
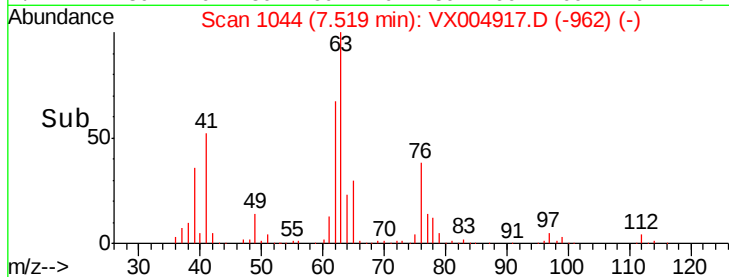
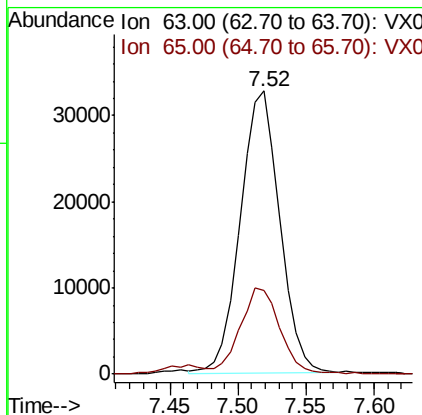
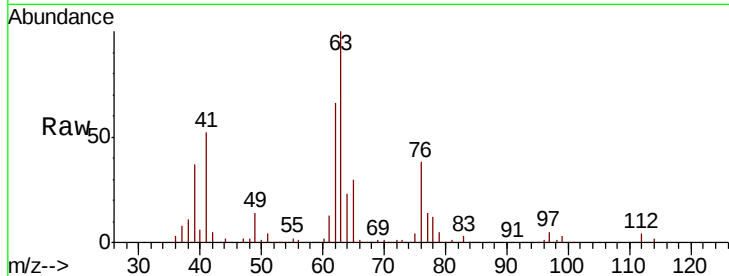




#39
 1,2-Dichloropropane
 Concen: 20.672 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

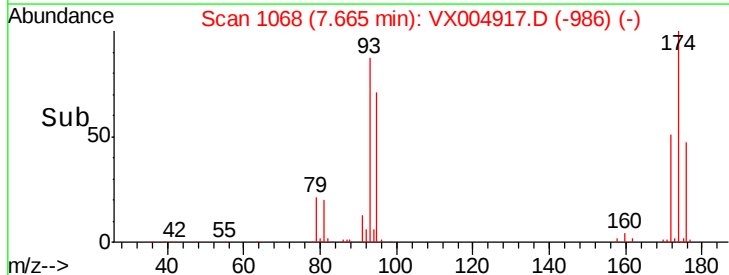
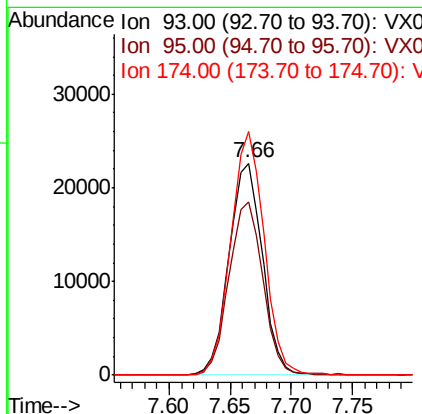
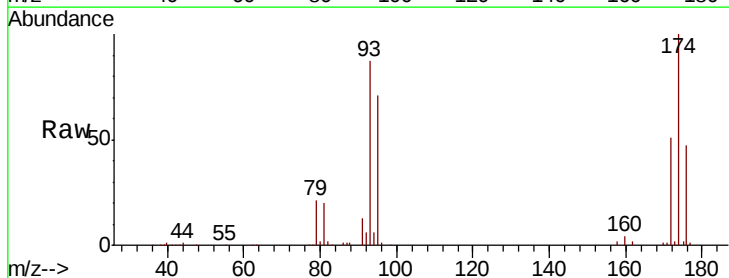
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBS01

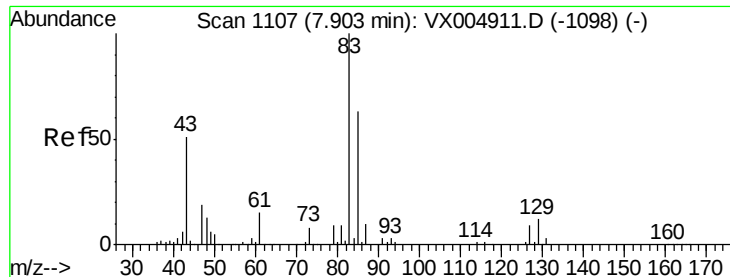
Tot Ion: 63 Resp: 66307
 Ion Ratio Lower Upper
 63 100
 65 29.3 23.2 34.8



#40
 Dibromomethane
 Concen: 20.644 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

Tgt Ion: 93 Resp: 42917
 Ion Ratio Lower Upper
 93 100
 95 82.5 0.0 172.4
 174 114.3 0.0 234.0

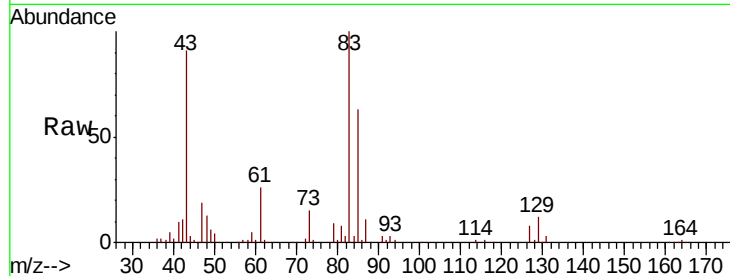




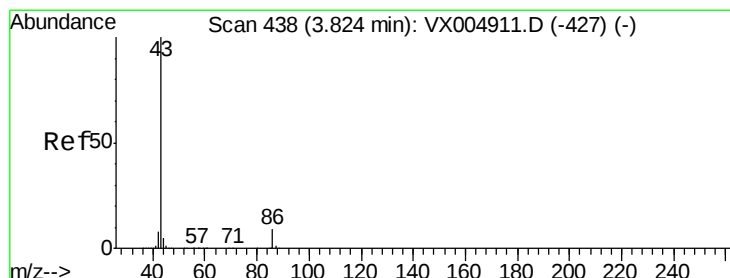
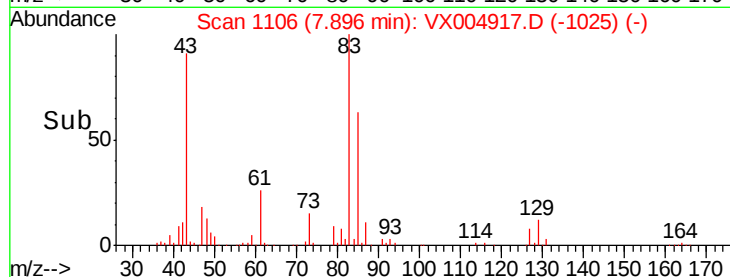
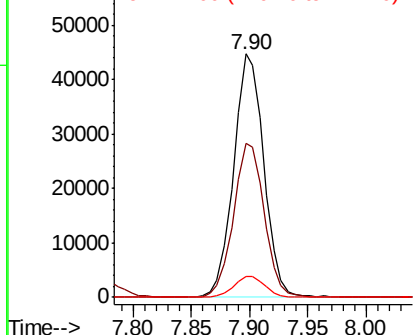
#41
Bromodichloromethane
Concen: 20.245 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tot Ion: 83 Resp: 81136
Ion Ratio Lower Upper
83 100
85 63.2 50.2 75.4
127 8.4 6.9 10.3

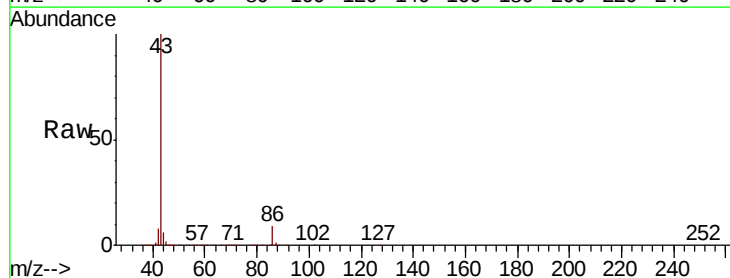


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V

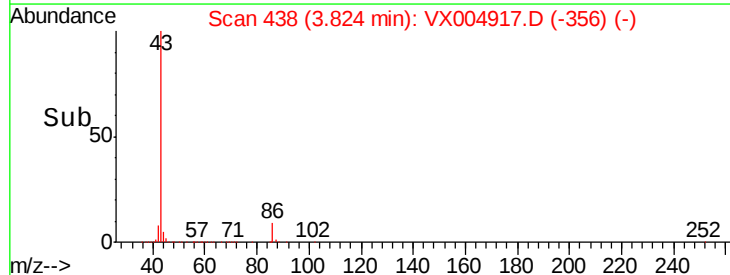
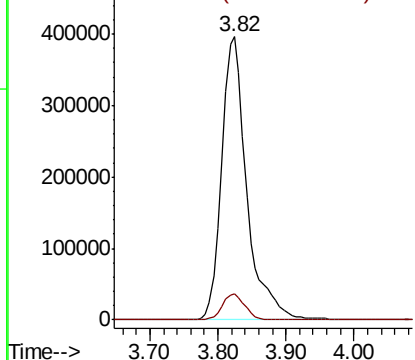


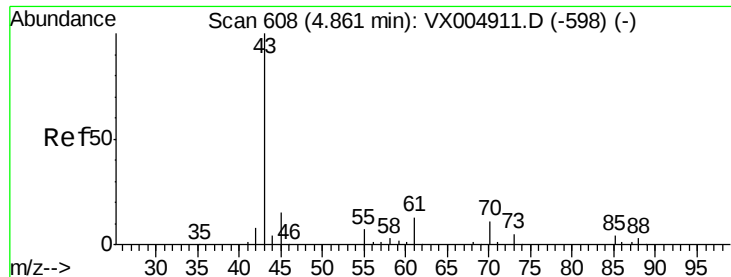
#42
Vinyl Acetate
Concen: 109.094 ug/l
RT: 3.82 min Scan# 438
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Tgt Ion: 43 Resp: 1017970
Ion Ratio Lower Upper
43 100
86 8.2 6.6 10.0



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





#43

Ethyl Acetate

Concen: 20.758 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

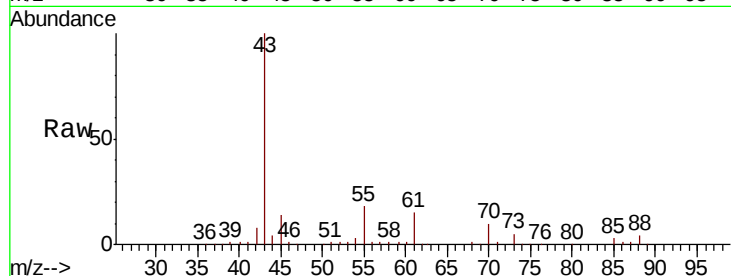
VX1002WBS01

Tot Ion: 43 Resp: 110440

Ion Ratio Lower Upper

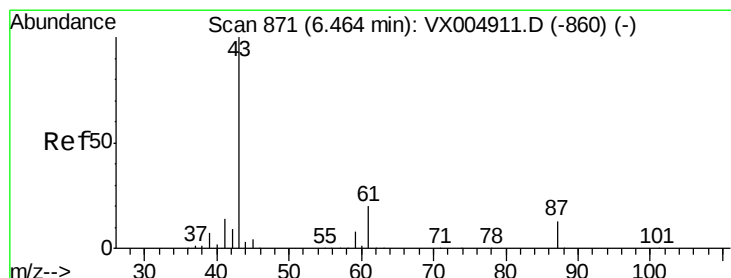
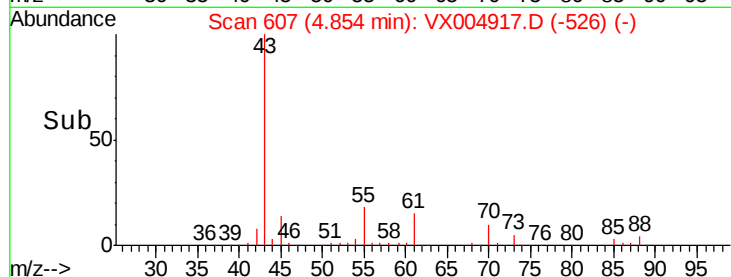
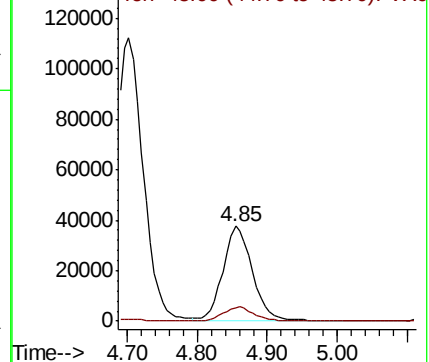
43 100

45 14.8 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 19.609 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004917.D

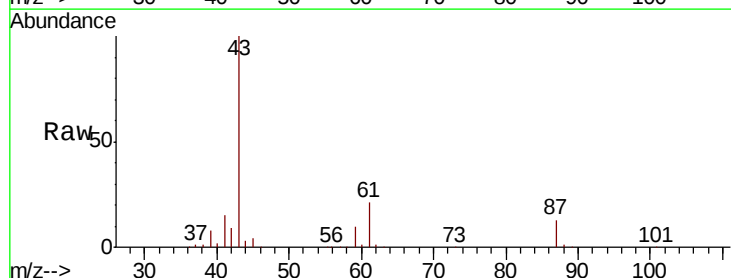
Acq: 02 Oct 2018 13:45

Tgt Ion: 43 Resp: 155688

Ion Ratio Lower Upper

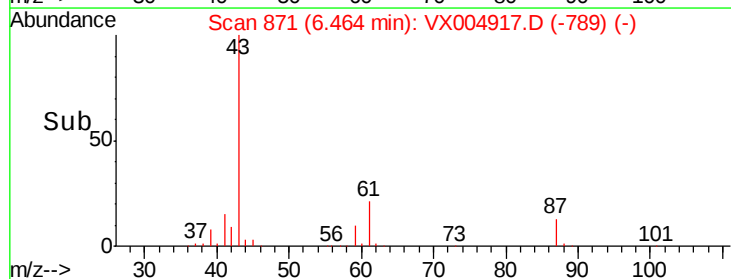
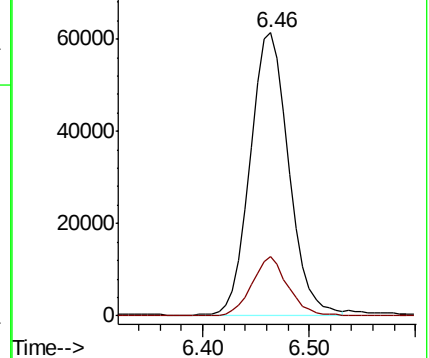
43 100

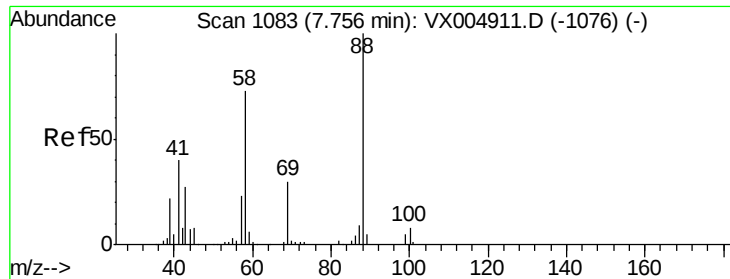
61 19.8 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

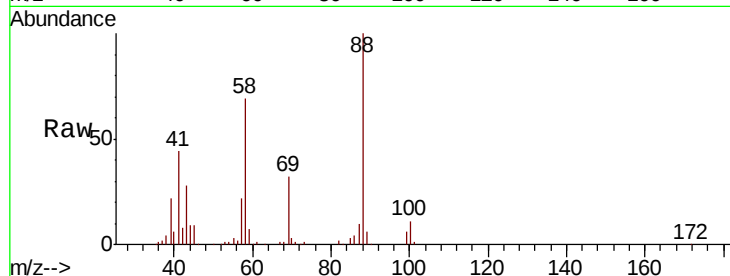




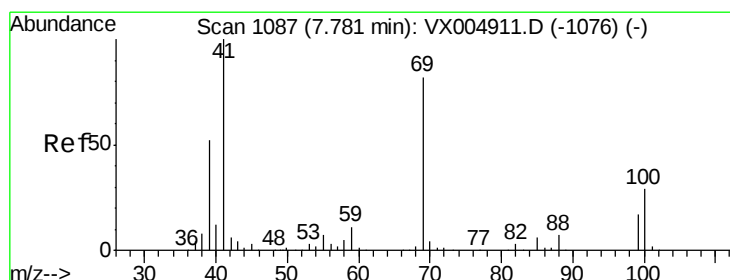
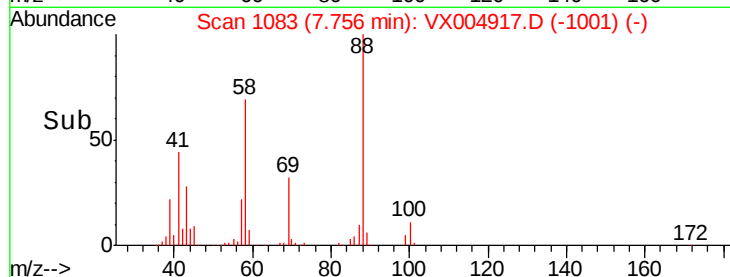
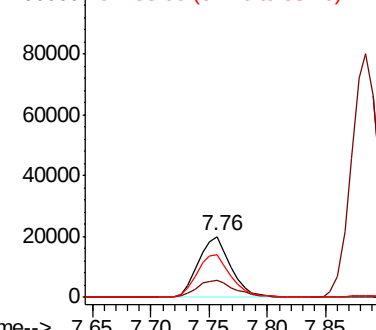
#45
1,4-Dioxane
Concen: 415.083 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tot Ion: 88 Resp: 38827
Ion Ratio Lower Upper
88 100
43 31.5 25.4 38.0
58 74.1 61.0 91.6

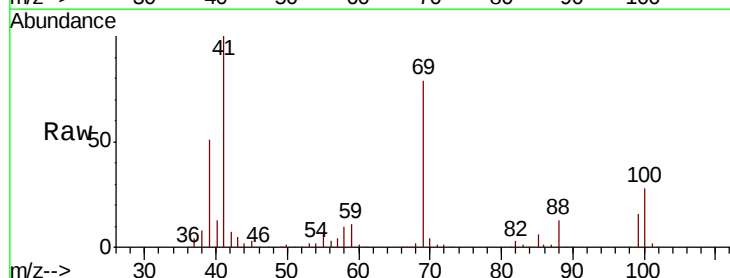


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

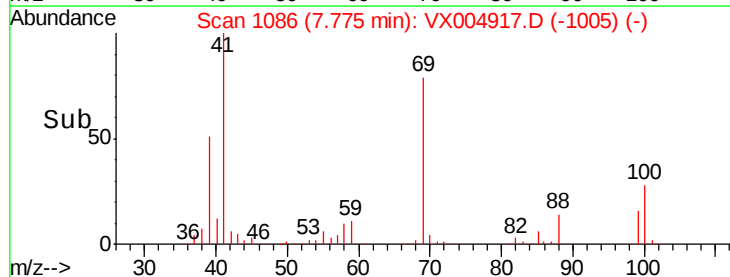
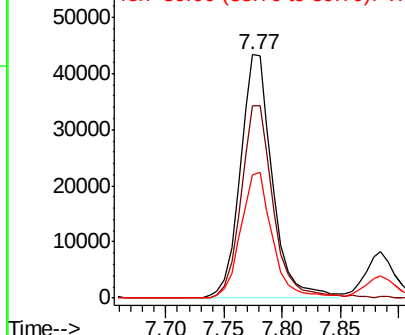


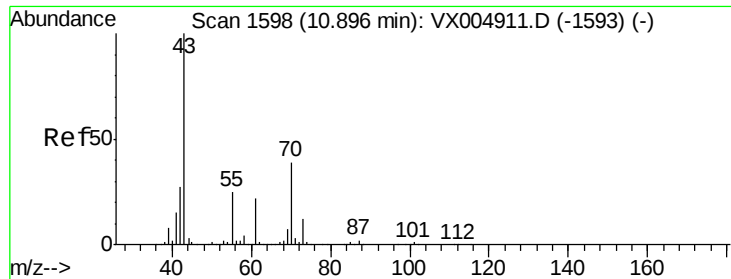
#46
Methyl methacrylate
Concen: 20.021 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Tgt Ion: 41 Resp: 82473
Ion Ratio Lower Upper
41 100
69 79.0 41.0 123.0
39 50.7 25.9 77.7



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





#47

n-amvl Acetate

Concen: 18.801 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

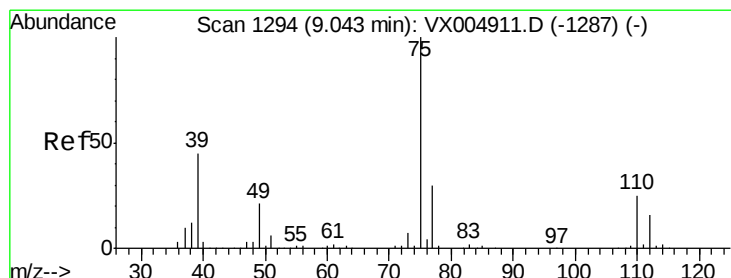
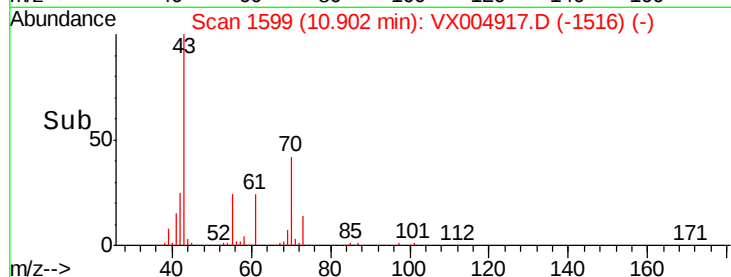
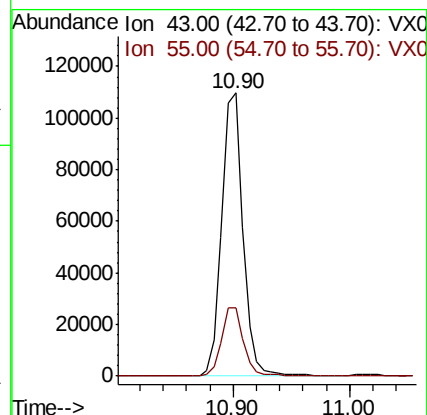
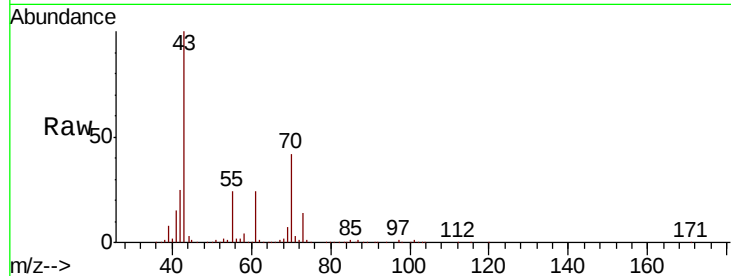
VX1002WBS01

Tot Ion: 43 Resp: 137724

Ion Ratio Lower Upper

43 100

55 24.8 20.0 30.0



#48

t-1,3-Dichloropropene

Concen: 19.584 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004917.D

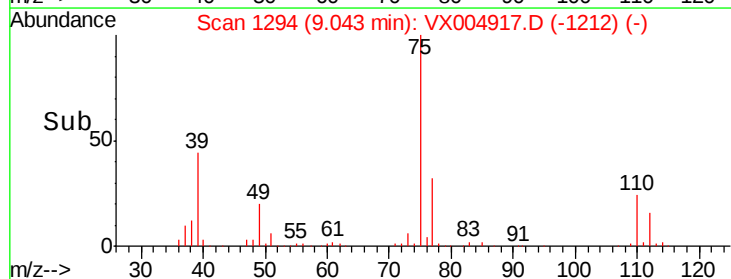
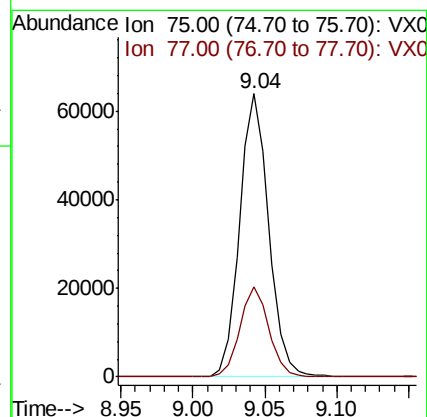
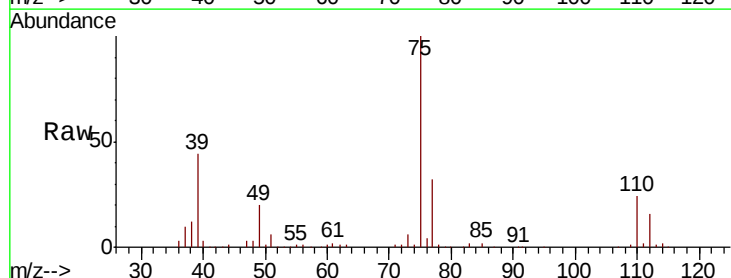
Acq: 02 Oct 2018 13:45

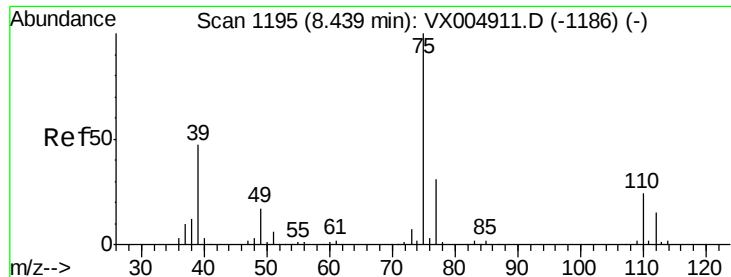
Tgt Ion: 75 Resp: 89793

Ion Ratio Lower Upper

75 100

77 31.9 24.4 36.6



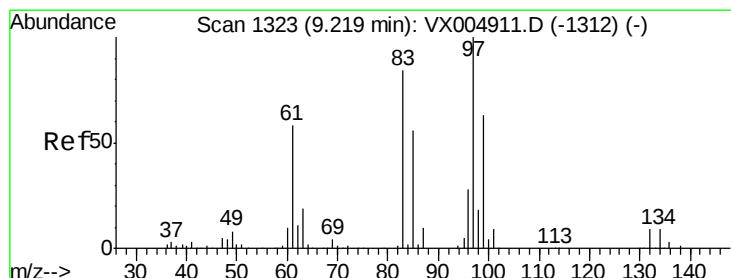
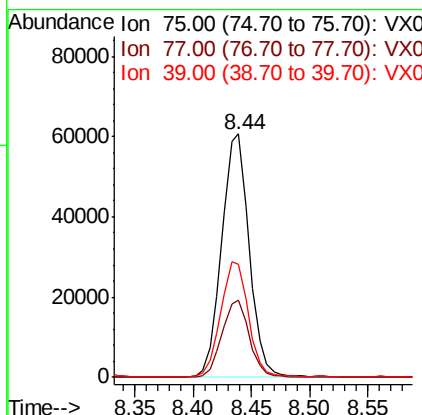
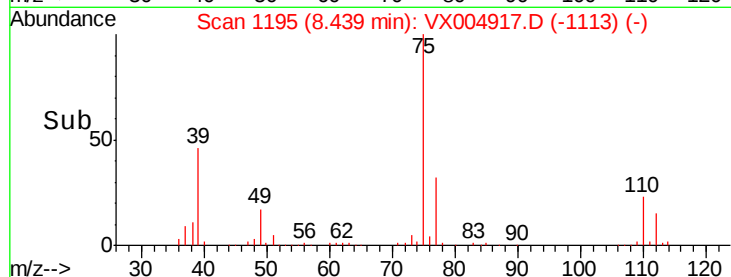
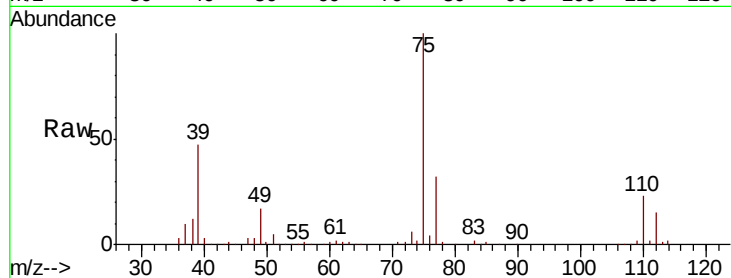


#49

cis-1,3-Dichloropropene
 Concen: 19.949 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBS01

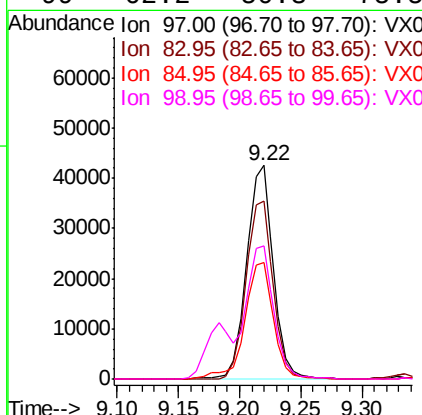
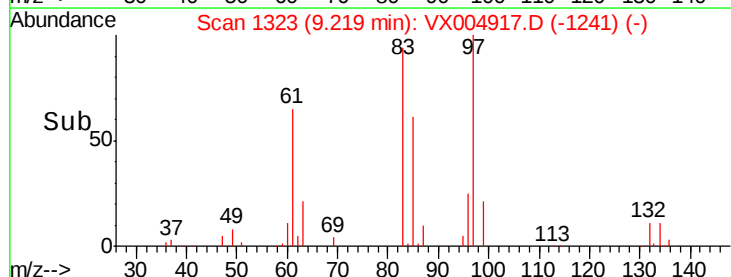
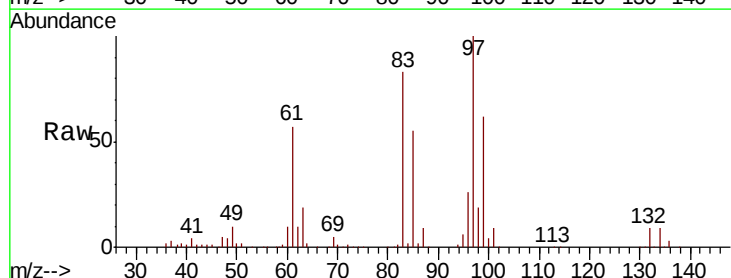
Tot Ion	75	Resp	99141
Ion Ratio	Lower	Upper	
75	100		
77	31.6	24.9	37.3
39	46.4	38.0	57.0

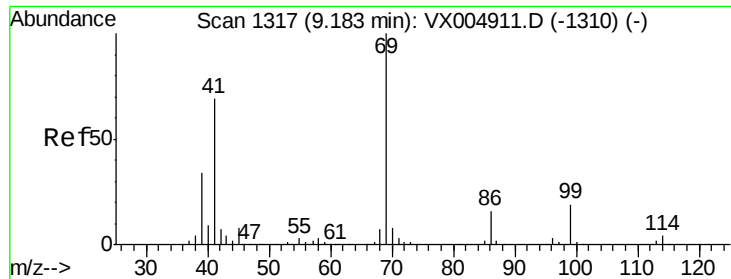


#50

1,1,2-Trichloroethane
 Concen: 20.506 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

Tgt Ion	97	Resp	64543
Ion Ratio	Lower	Upper	
97	100		
83	83.1	67.2	100.8
85	54.6	44.7	67.1
99	62.2	50.3	75.5





#51

Ethyl methacrylate

Concen: 19.392 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBS01

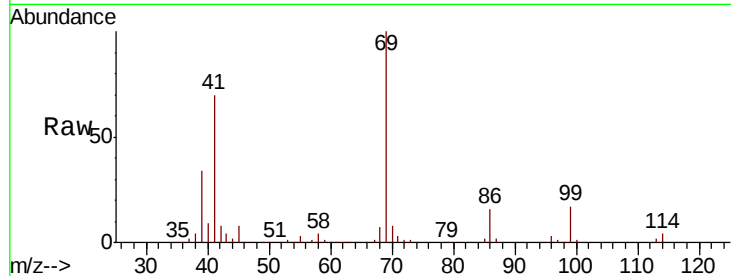
Tot Ion: 69 Resp: 96866

Ion Ratio Lower Upper

69 100

41 69.4 34.6 103.9

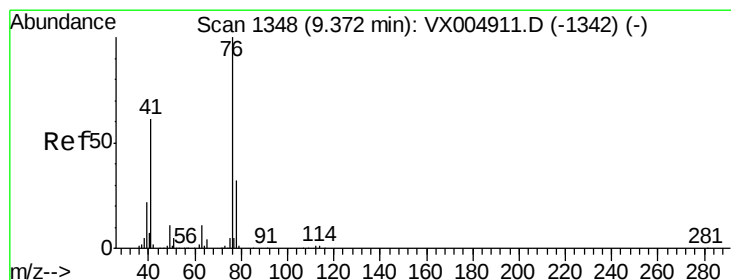
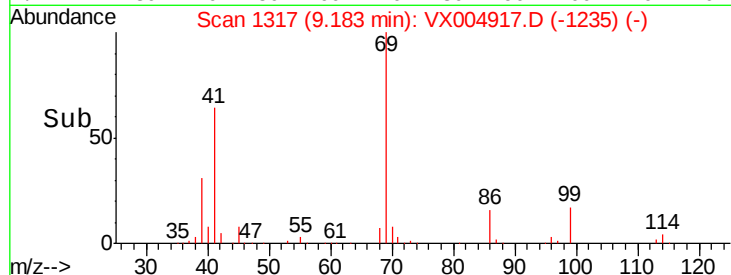
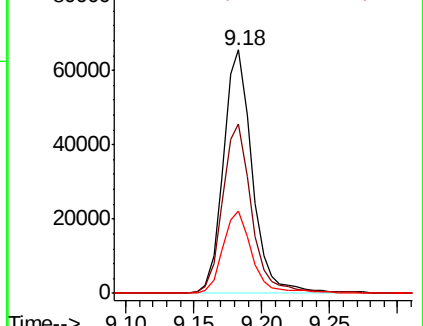
39 33.3 17.0 51.0



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 20.082 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004917.D

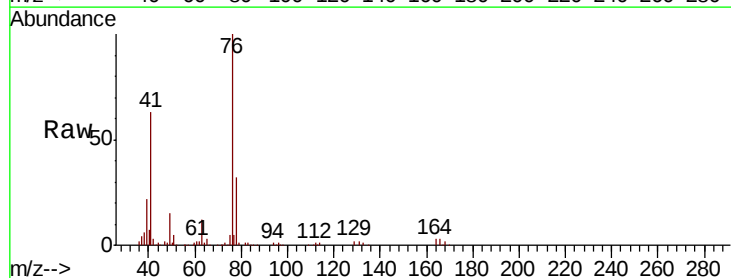
Acq: 02 Oct 2018 13:45

Tgt Ion: 76 Resp: 106636

Ion Ratio Lower Upper

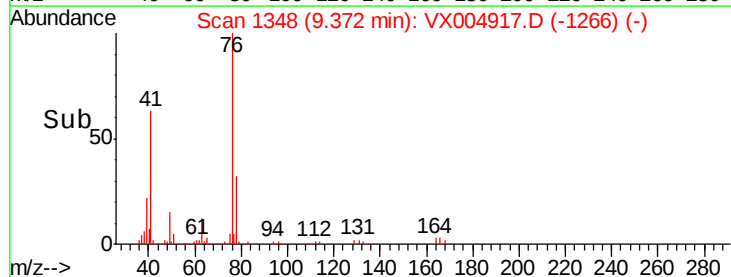
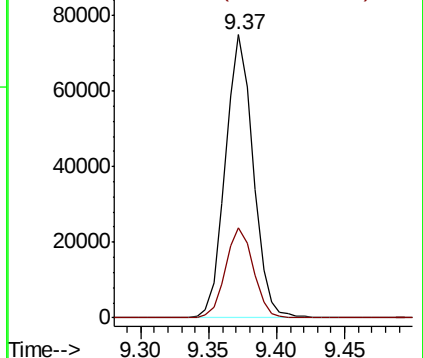
76 100

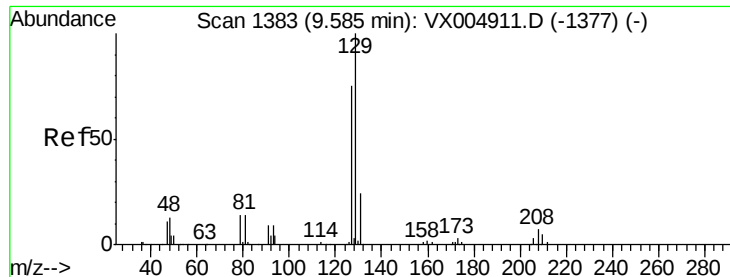
78 32.1 0.0 64.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.751 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

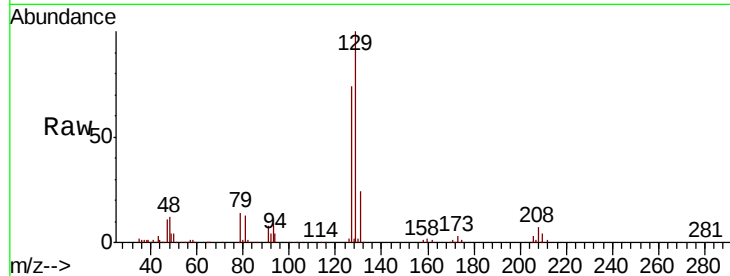
VX1002WBS01

Tot Ion:129 Resp: 64497

Ion Ratio Lower Upper

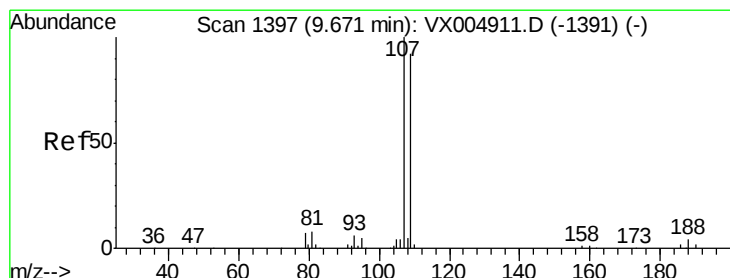
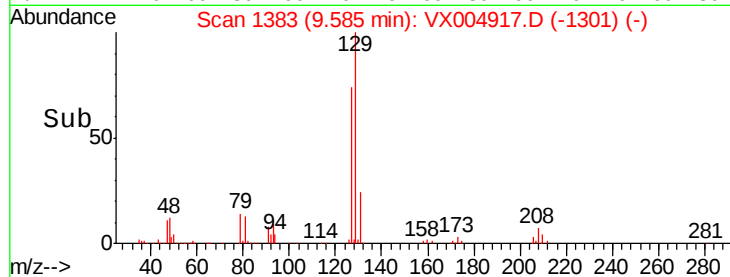
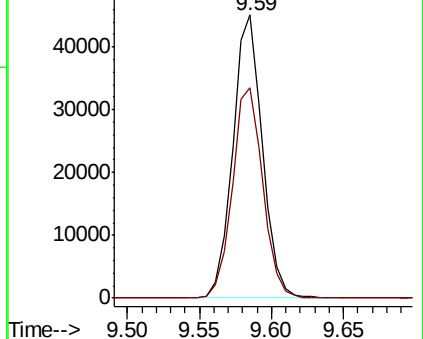
129 100

127 76.3 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.018 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004917.D

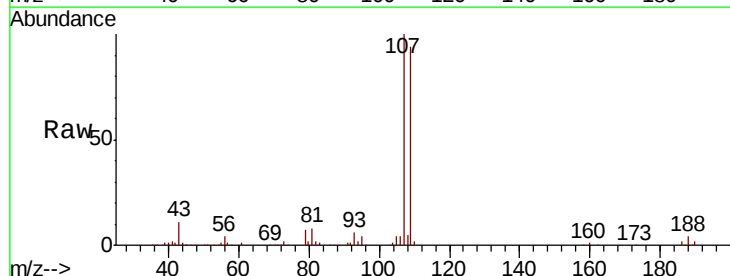
Acq: 02 Oct 2018 13:45

Tgt Ion:107 Resp: 65660

Ion Ratio Lower Upper

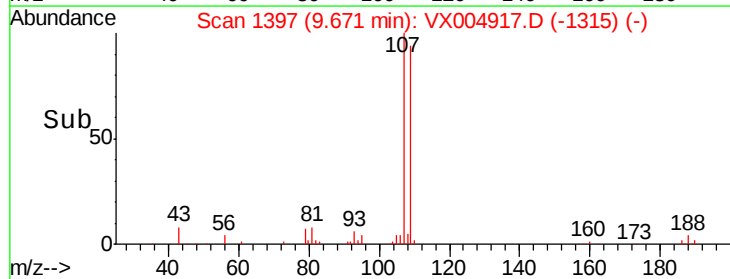
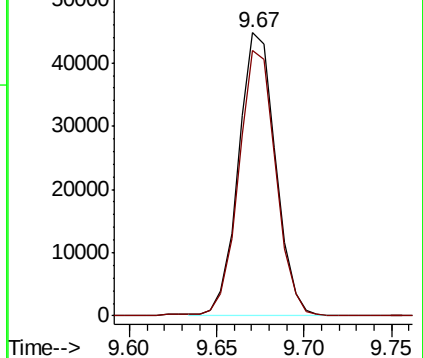
107 100

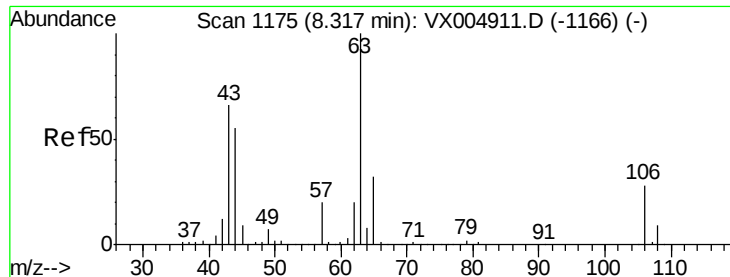
109 94.1 74.8 112.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

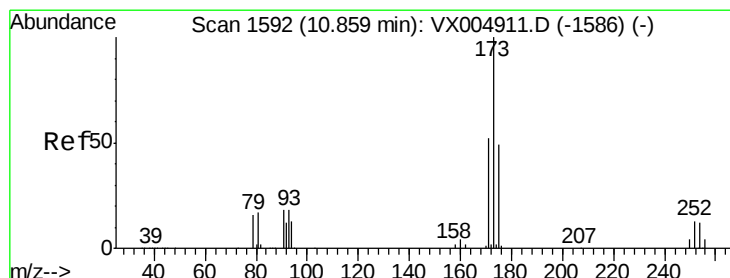
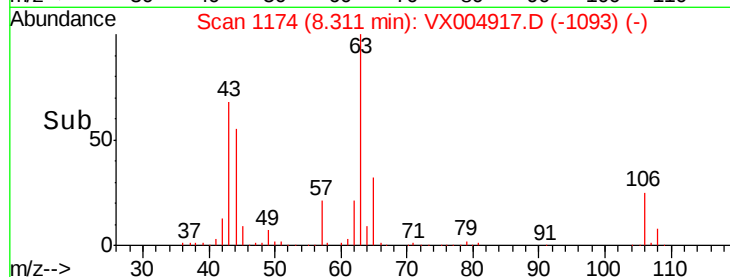
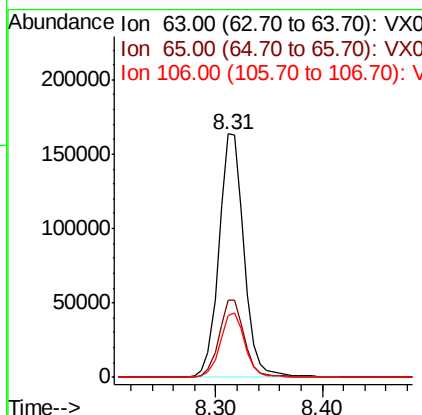
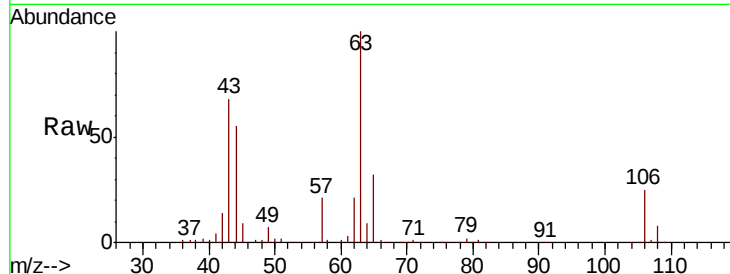




#55
2-Chloroethyl vinyl ether
Concen: 100.918 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

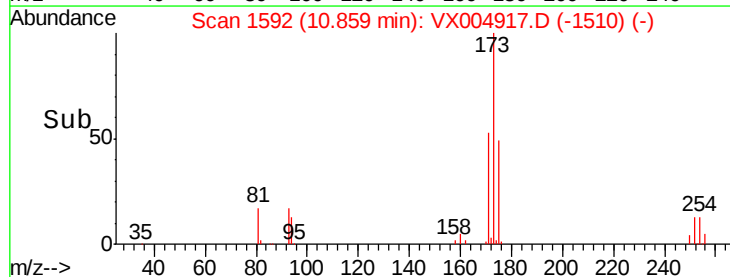
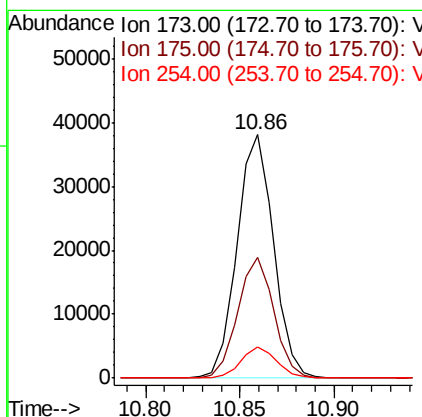
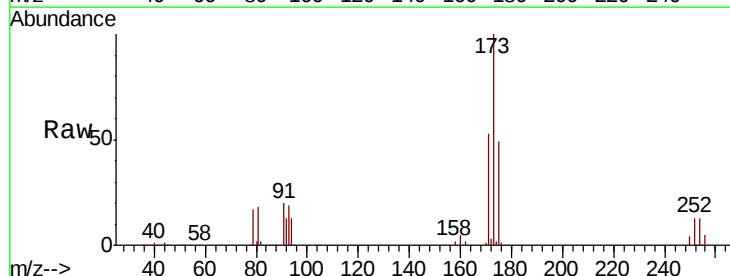
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

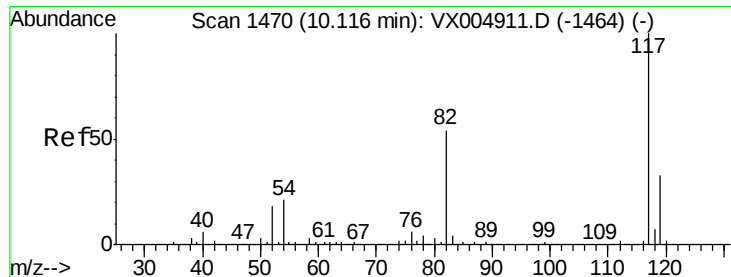
Tot Ion: 63 Resp: 265995
Ion Ratio Lower Upper
63 100
65 32.5 25.9 38.9
106 26.3 21.8 32.6



#56
Bromoform
Concen: 18.739 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Tgt Ion: 173 Resp: 51103
Ion Ratio Lower Upper
173 100
175 49.2 39.7 59.5
254 12.4 9.6 14.4

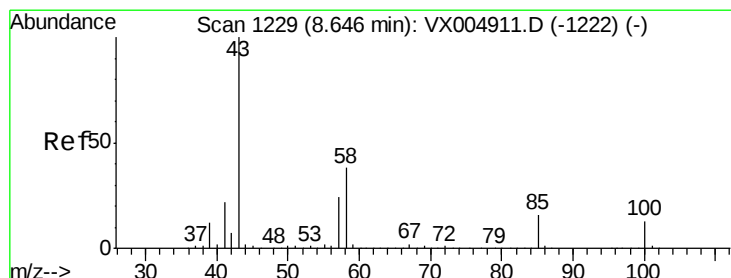
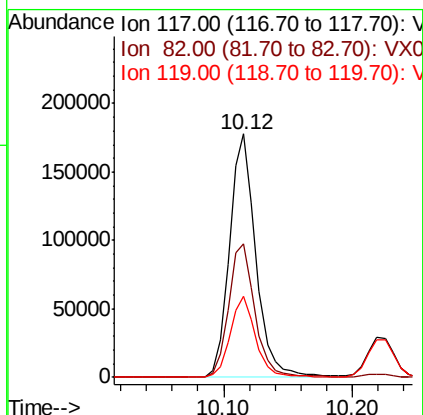
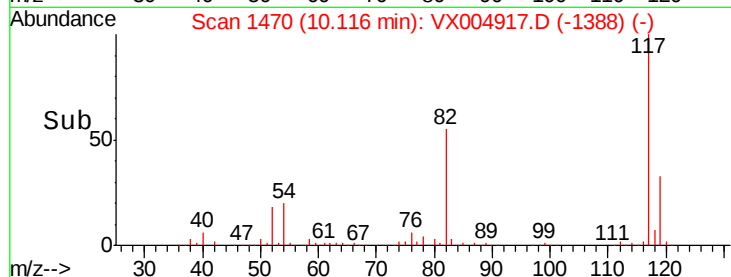
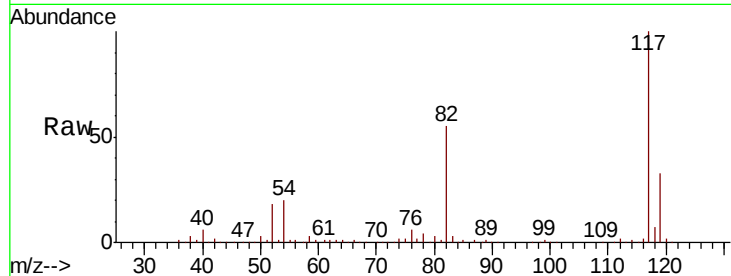




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

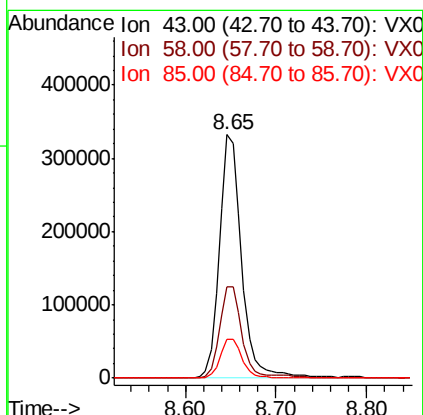
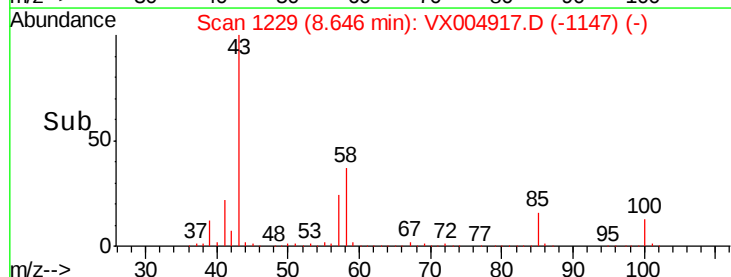
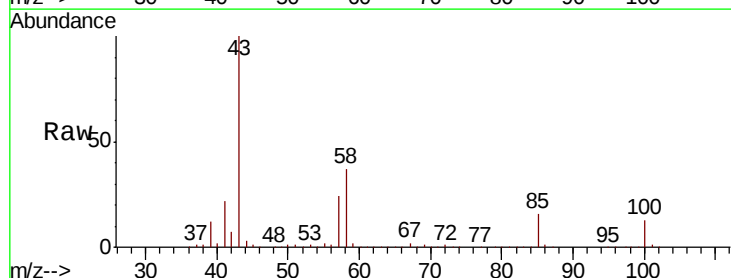
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

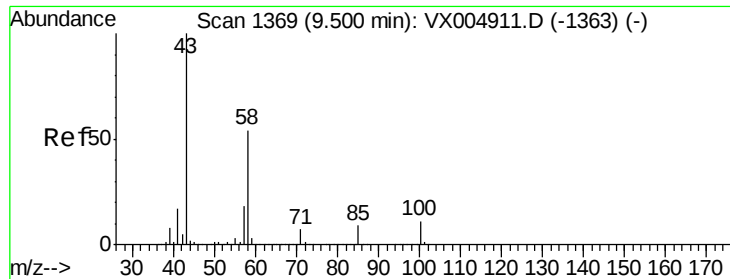
Tot Ion:117 Resp: 254532
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.4
119 32.2 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 98.989 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Tgt Ion: 43 Resp: 565718
Ion Ratio Lower Upper
43 100
58 37.2 30.8 46.2
85 16.3 13.1 19.7

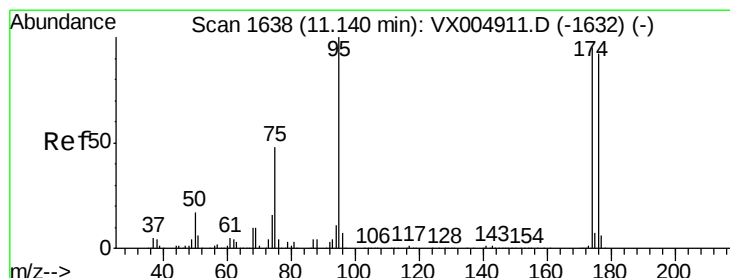
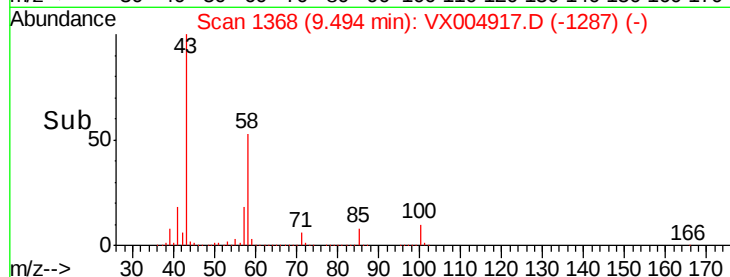
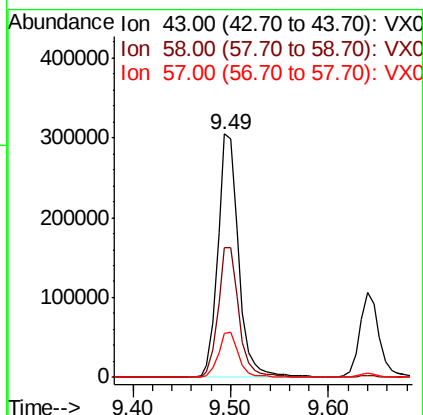
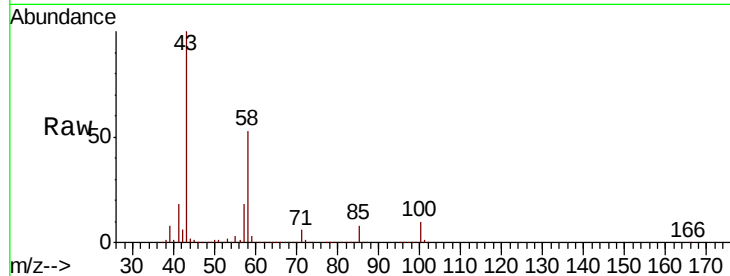




#59
2-Hexanone
Concen: 95.285 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

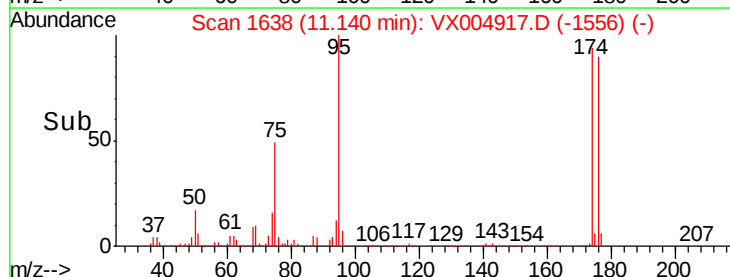
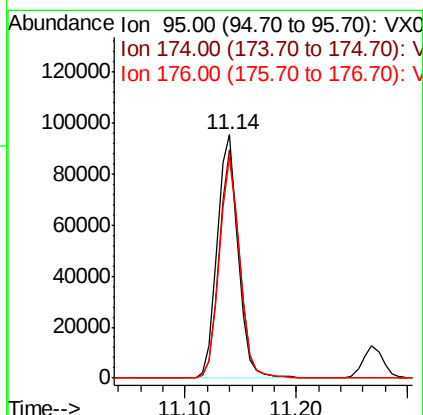
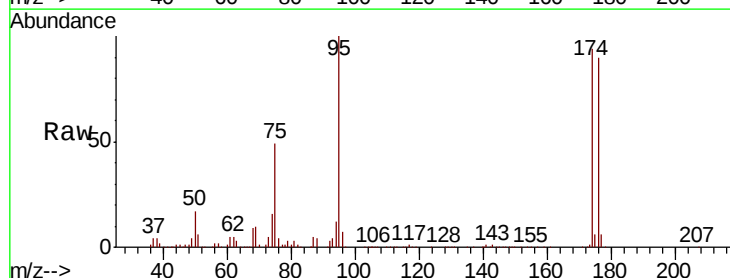
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

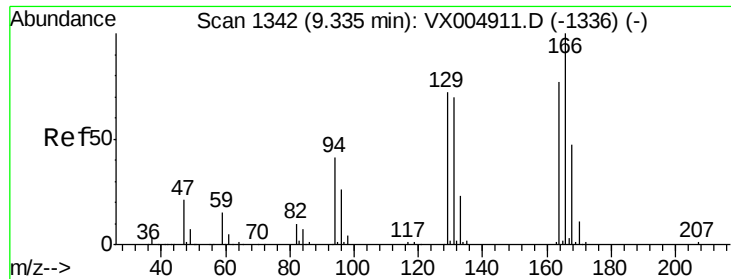
Tot Ion: 43 Resp: 448653
Ion Ratio Lower Upper
43 100
58 53.3 42.7 64.1
57 18.1 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 29.245 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Tgt Ion: 95 Resp: 123732
Ion Ratio Lower Upper
95 100
174 91.5 73.1 109.7
176 88.5 71.0 106.6

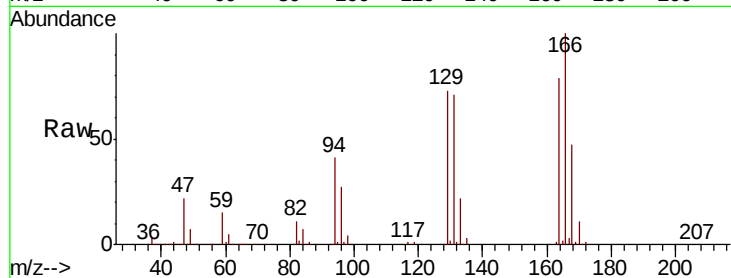




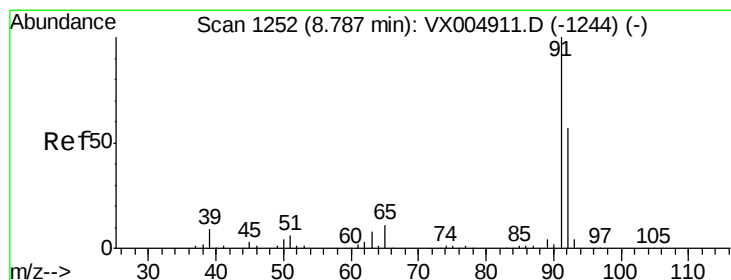
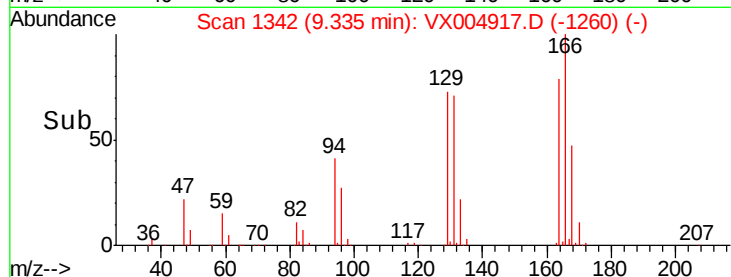
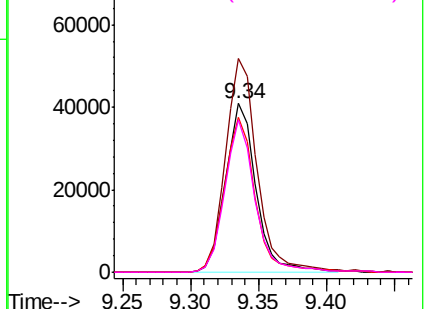
#61
Tetrachloroethene
Concen: 20.758 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tot Ion:164 Resp: 64299
Ion Ratio Lower Upper
164 100
166 126.7 104.0 156.0
129 92.2 75.1 112.7
131 90.0 72.5 108.7

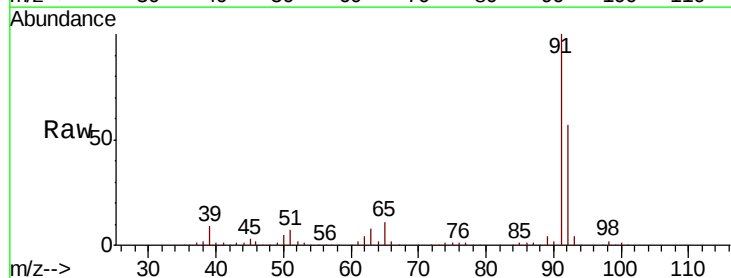


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

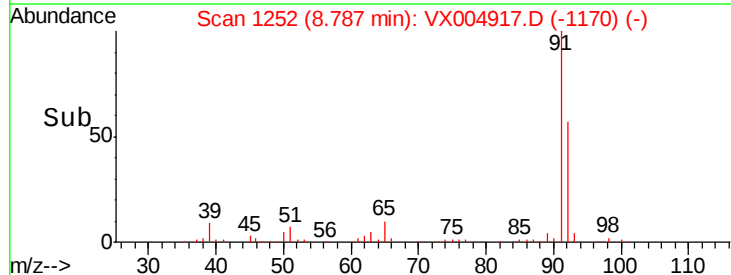
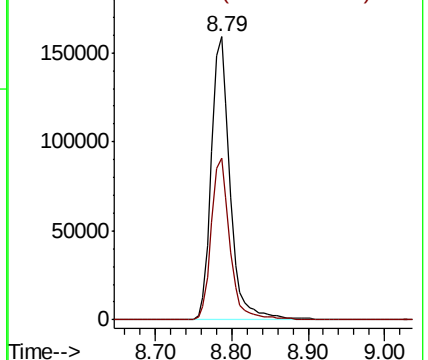


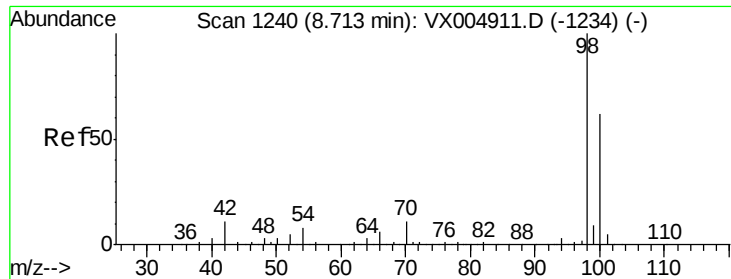
#62
Toluene
Concen: 20.279 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Tgt Ion: 91 Resp: 271267
Ion Ratio Lower Upper
91 100
92 56.9 46.2 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0

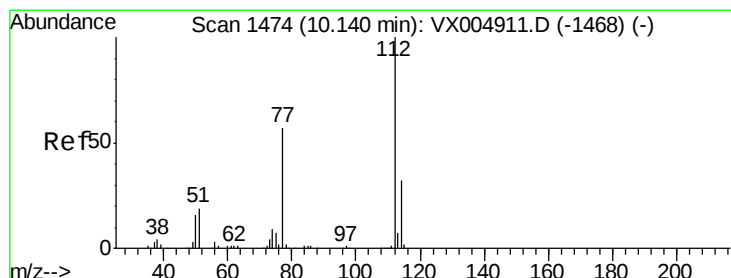
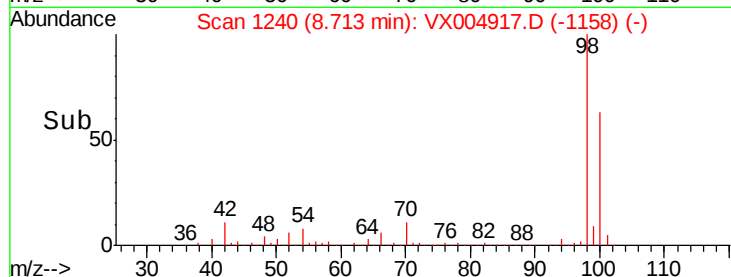
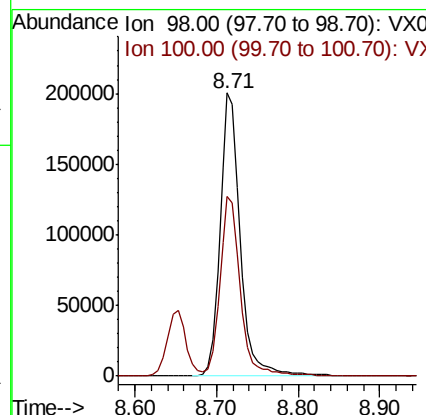
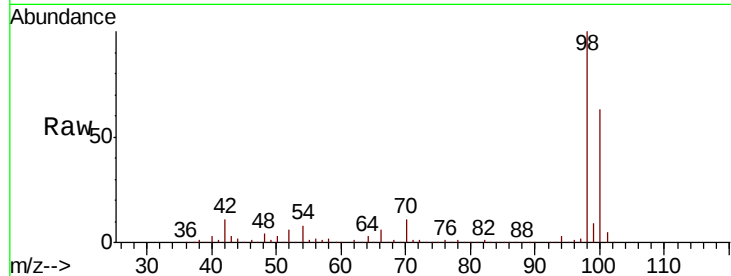




#63
Toluene-d8
Concen: 30.504 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

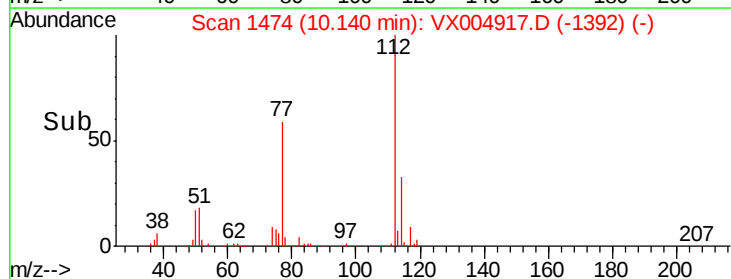
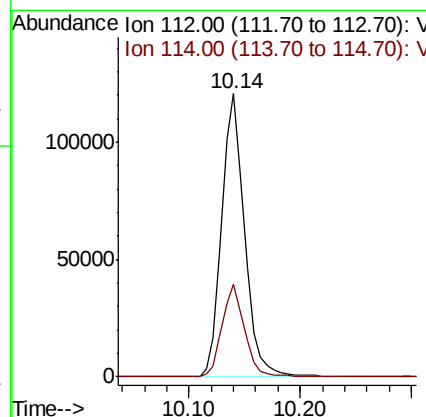
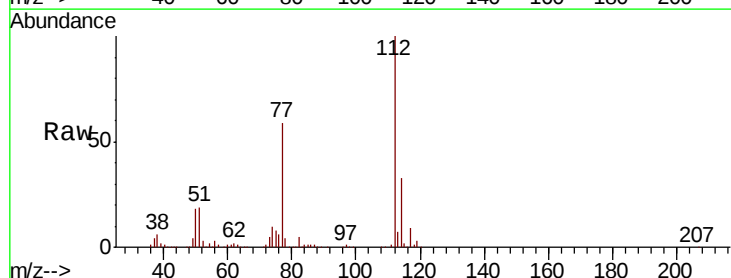
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

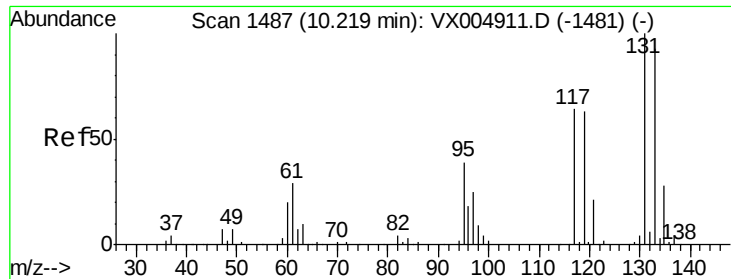
Tot Ion: 98 Resp: 346581
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4



#64
Chlorobenzene
Concen: 19.976 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Tgt Ion: 112 Resp: 172568
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5

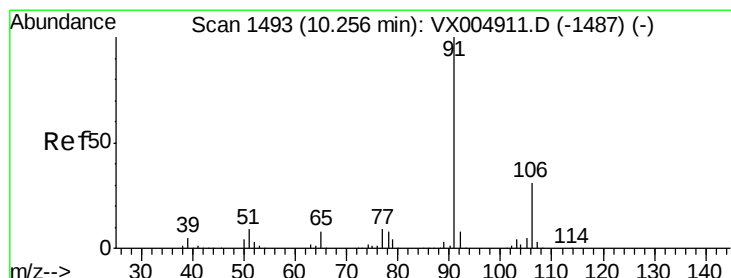
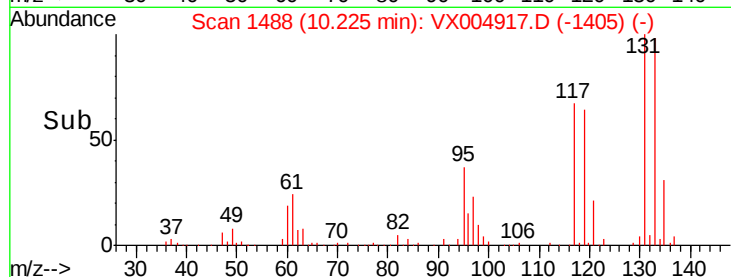
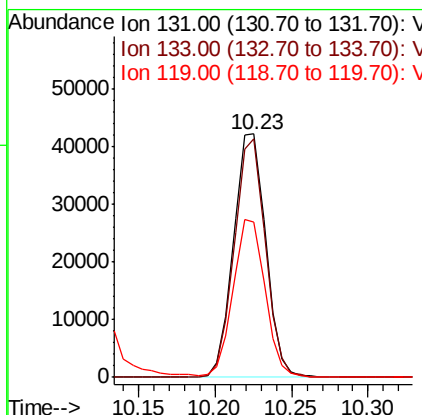
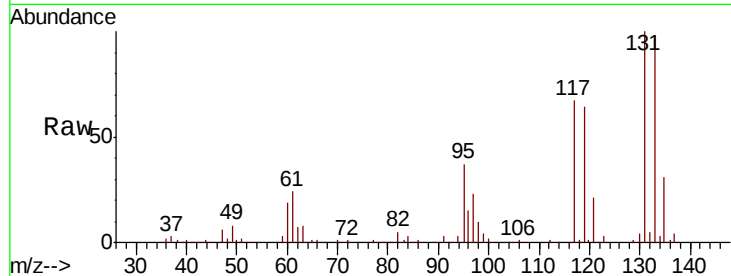




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.683 ug/l
 RT: 10.23 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

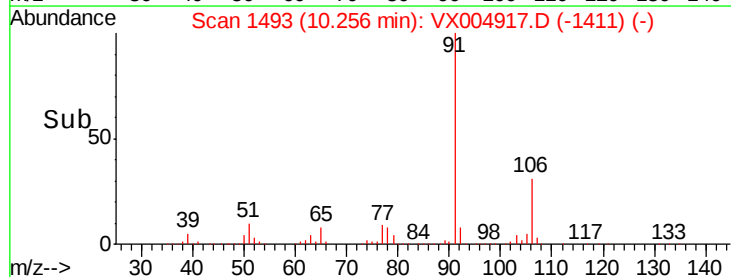
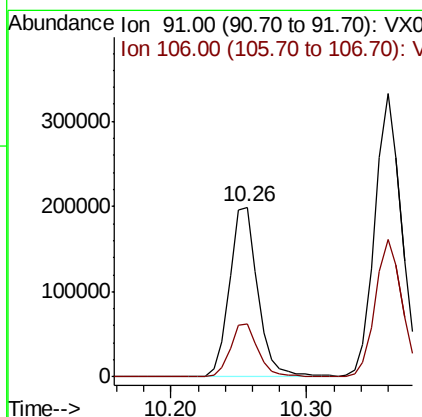
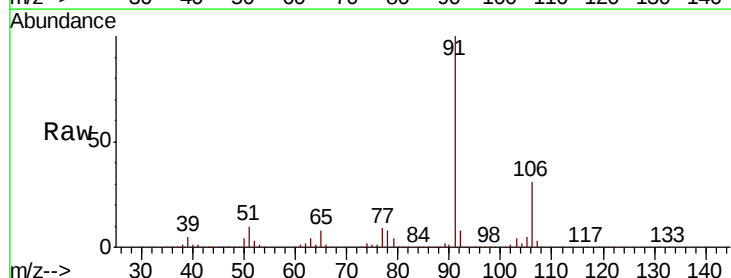
Instrument :
 MSVOA_X
 ClientSampled :
 VX1002WBS01

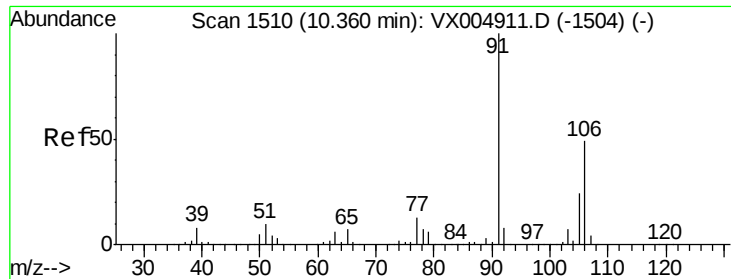
Tot Ion:131 Resp: 61812
 Ion Ratio Lower Upper
 131 100
 133 94.1 0.0 190.4
 119 64.5 0.0 129.0



#66
 Ethyl Benzene
 Concen: 19.817 ug/l
 RT: 10.26 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

Tgt Ion: 91 Resp: 289400
 Ion Ratio Lower Upper
 91 100
 106 30.8 24.5 36.7





#67

m/p-Xylenes

Concen: 40.042 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

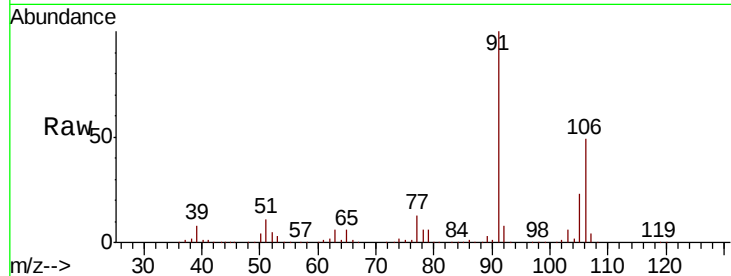
VX1002WBS01

Tot Ion:106 Resp: 227688

Ion Ratio Lower Upper

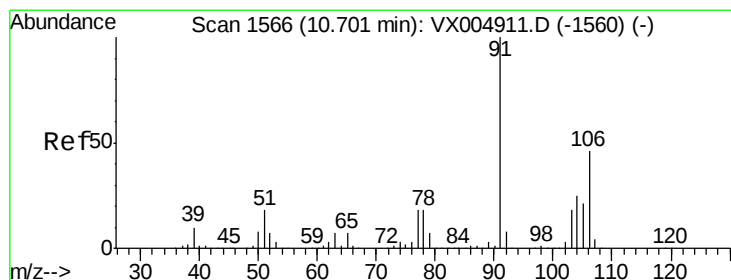
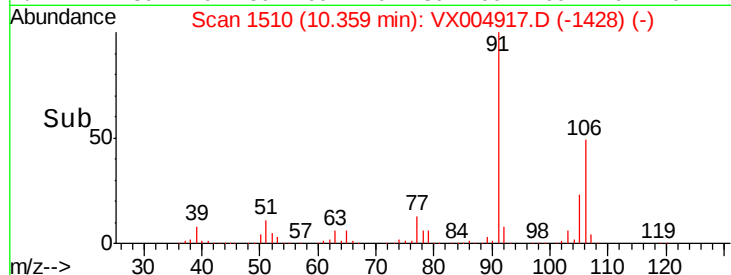
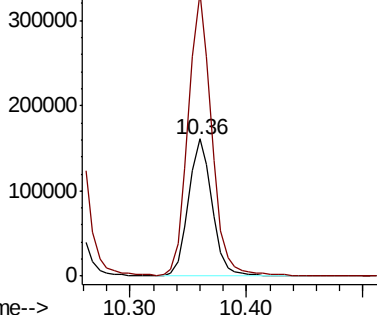
106 100

91 202.1 165.5 248.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.736 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX004917.D

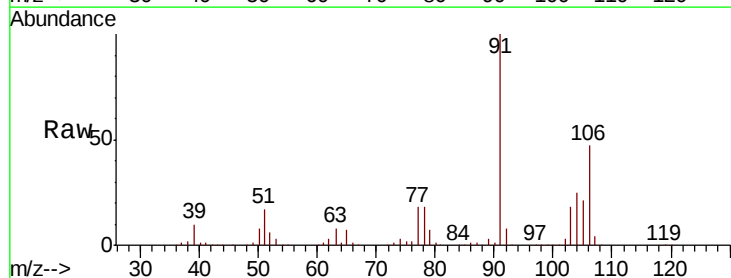
Acq: 02 Oct 2018 13:45

Tgt Ion:106 Resp: 108178

Ion Ratio Lower Upper

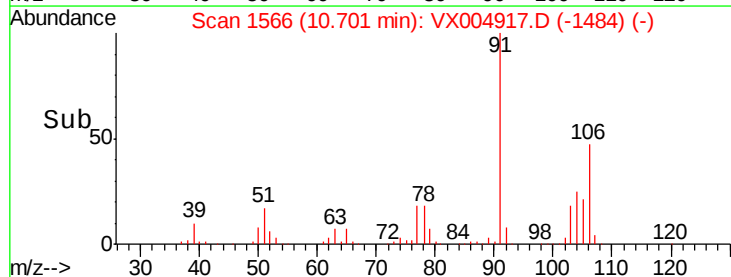
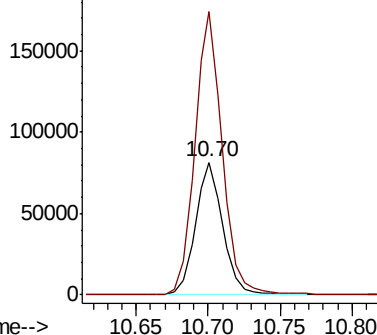
106 100

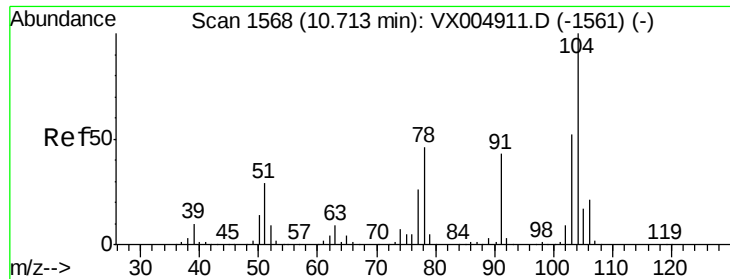
91 214.5 109.1 327.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

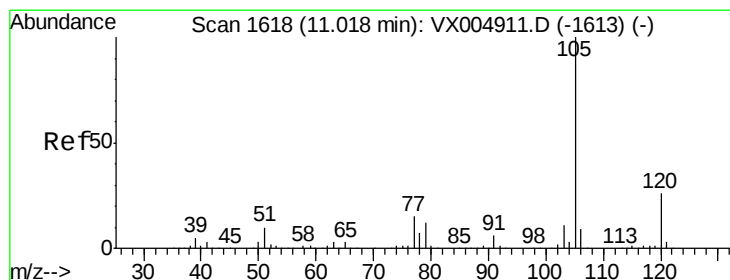
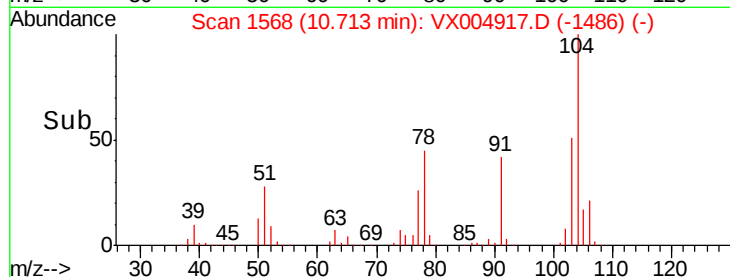
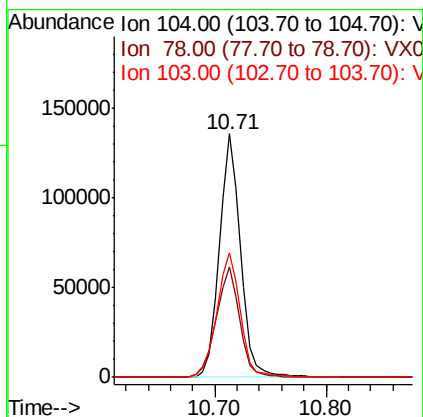
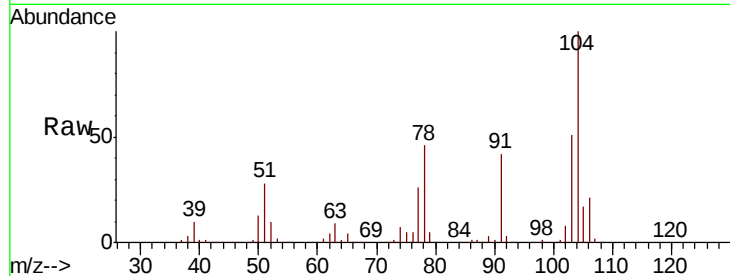




#69
Stvrene
Concen: 19.235 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

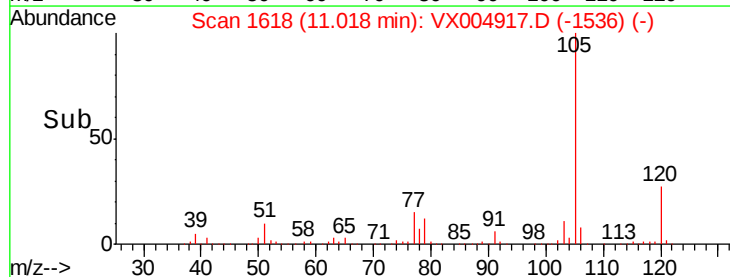
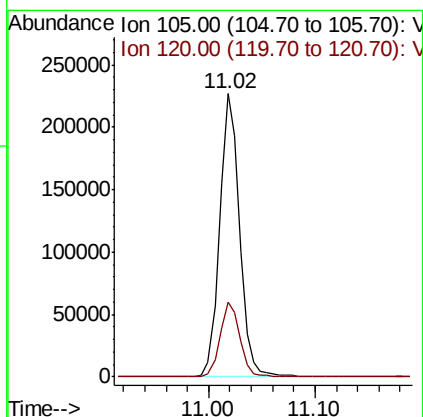
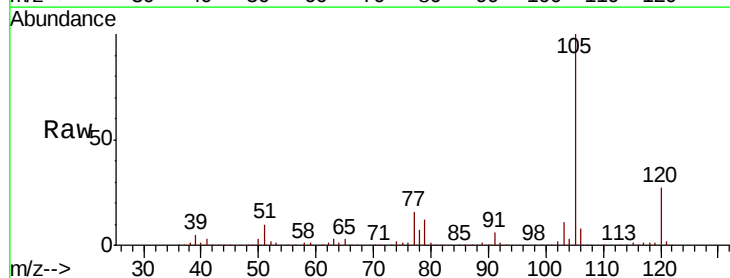
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

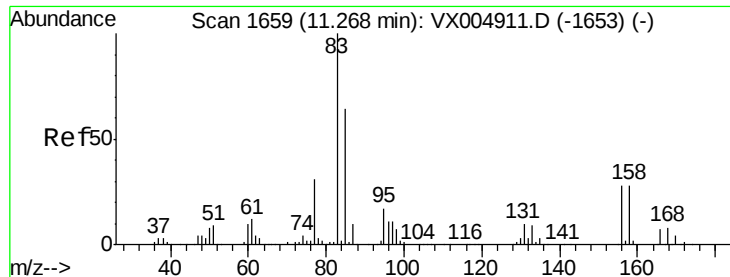
Tot Ion:104 Resp: 177283
Ion Ratio Lower Upper
104 100
78 50.6 40.3 60.5
103 57.1 44.6 66.8



#70
Isopropylbenzene
Concen: 20.162 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Tgt Ion:105 Resp: 295917
Ion Ratio Lower Upper
105 100
120 26.5 18.3 34.1

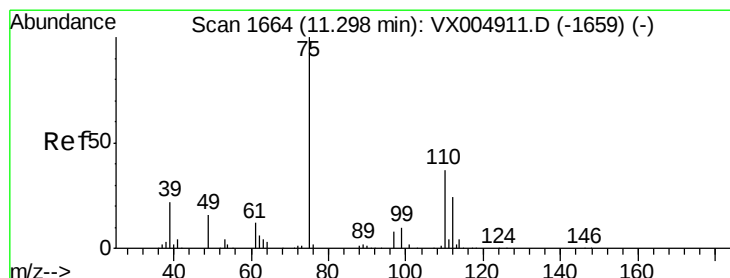
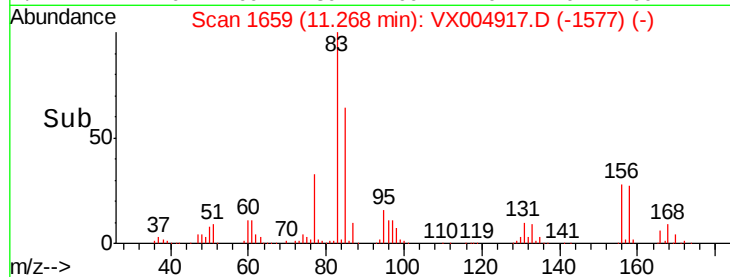
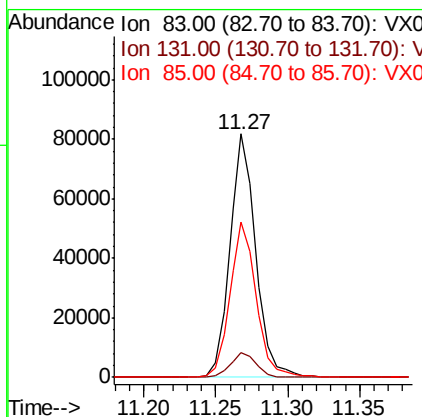
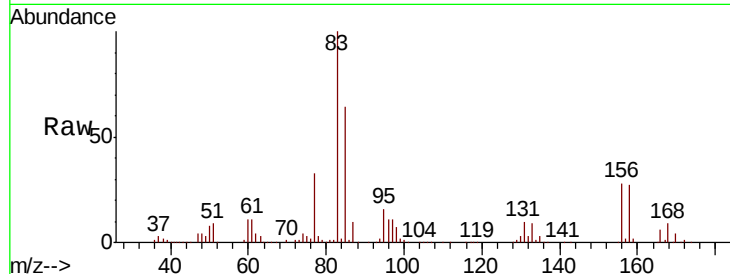




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.851 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

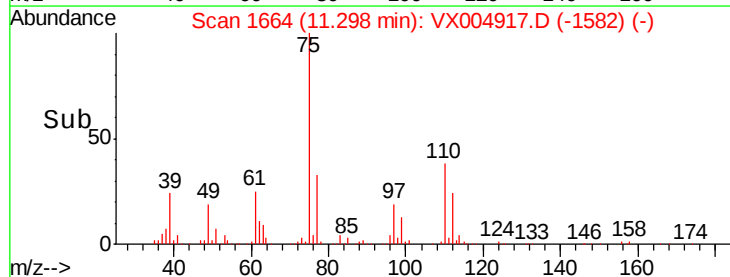
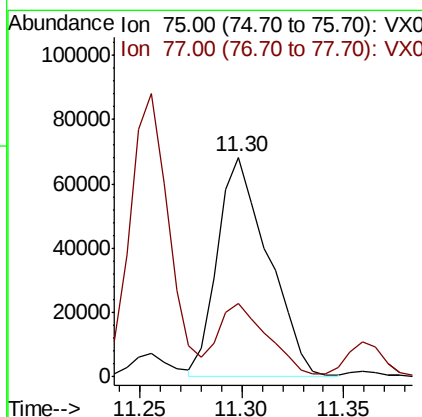
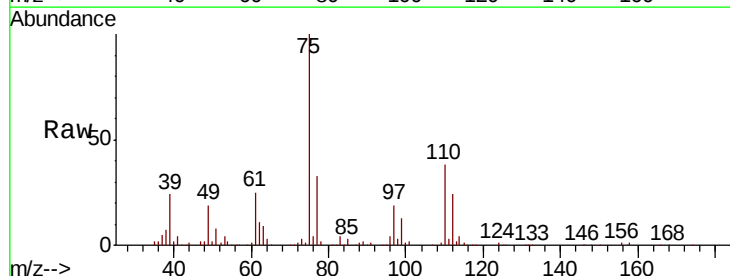
Instrument :
 MSVOA_X
 ClientSampled :
 VX1002WBS01

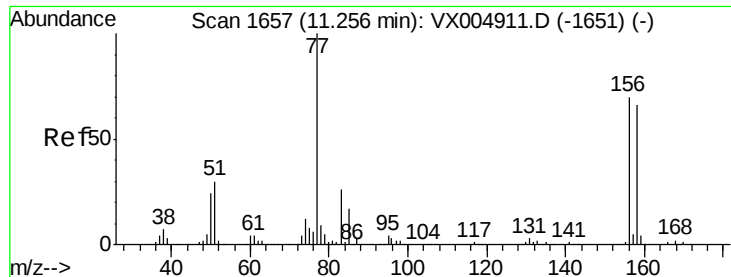
Tot Ion	83	Resp	102769
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.2
85	65.2	32.2	96.6



#72
 1,2,3-Trichloropropane
 Concen: 23.844 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

Tgt Ion	75	Resp	118421
Ion Ratio	Lower	Upper	
75	100		
77	30.5	0.0	81.2





#73

Bromobenzene

Concen: 19.458 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBS01

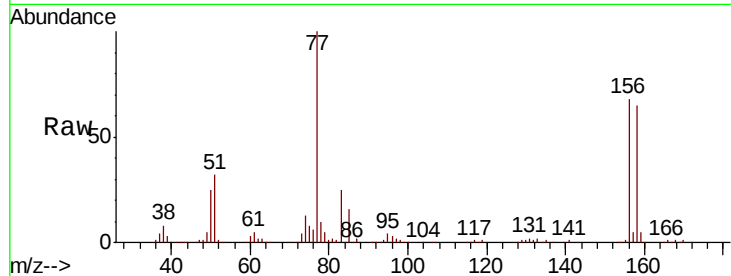
Tot Ion:156 Resp: 78504

Ion Ratio Lower Upper

156 100

77 148.3 0.0 292.4

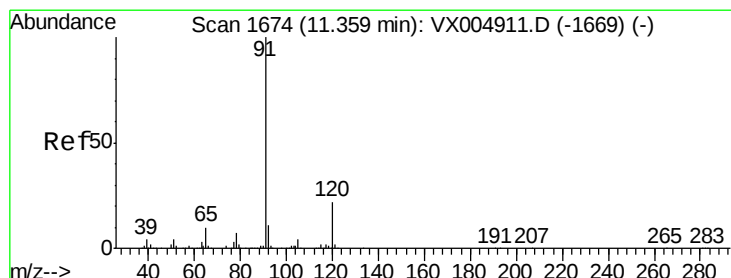
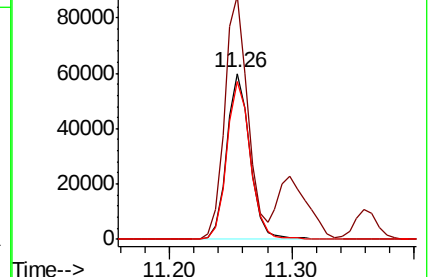
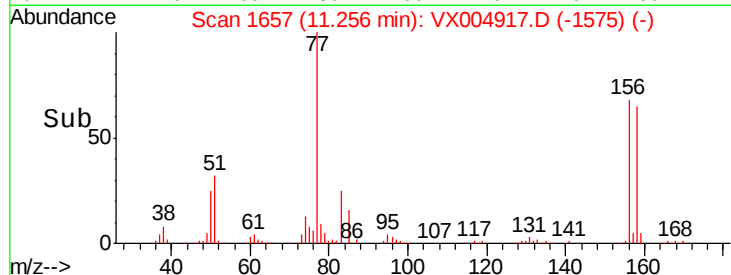
158 96.7 0.0 194.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.049 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004917.D

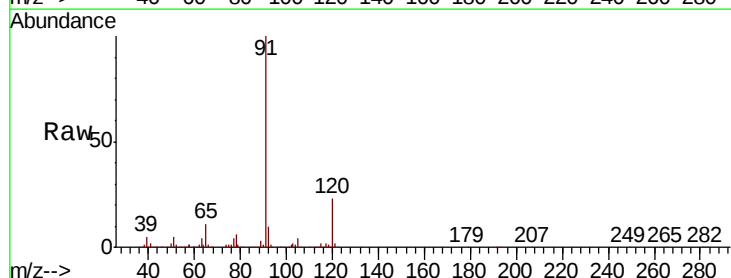
Acq: 02 Oct 2018 13:45

Tgt Ion: 91 Resp: 346236

Ion Ratio Lower Upper

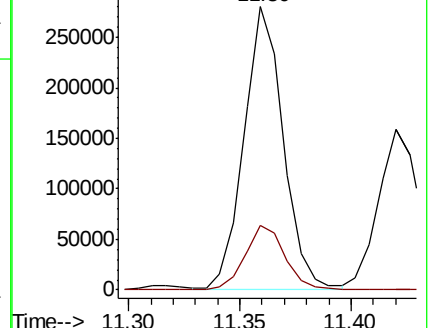
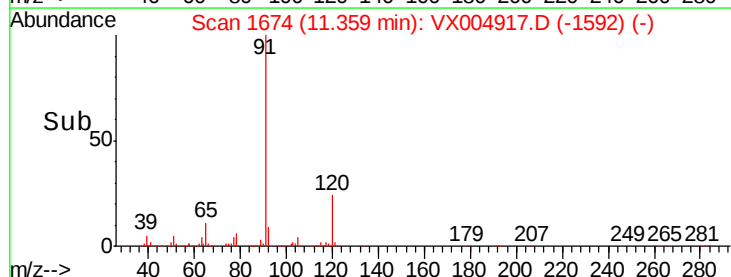
91 100

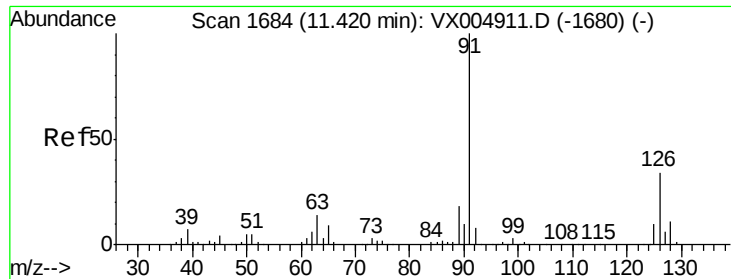
120 23.2 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.728 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

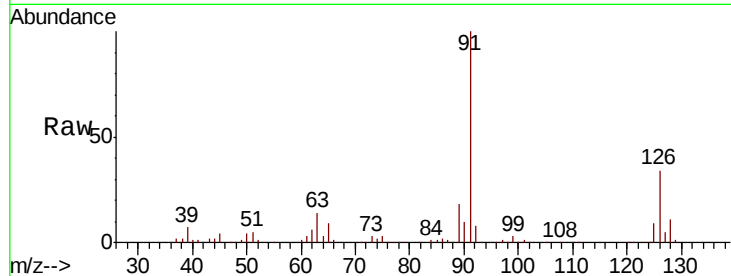
VX1002WBS01

Tot Ion: 91 Resp: 207779

Ion Ratio Lower Upper

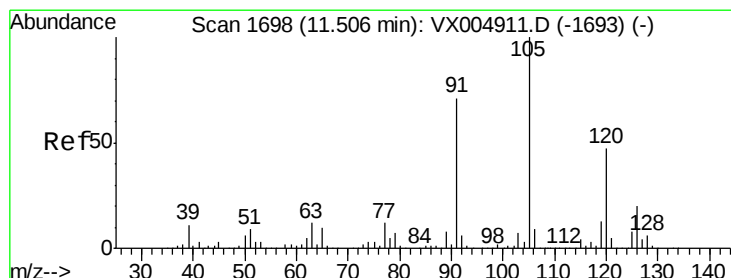
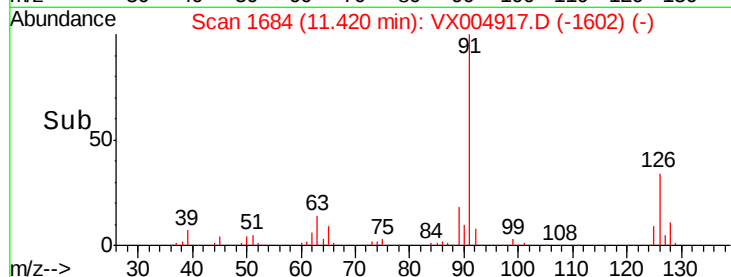
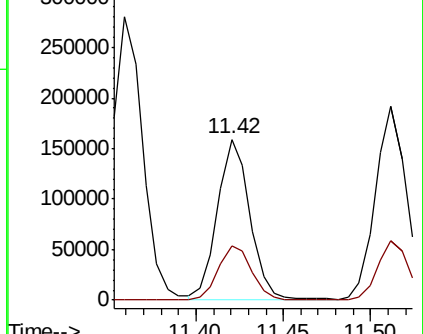
91 100

126 34.5 0.0 68.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.891 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004917.D

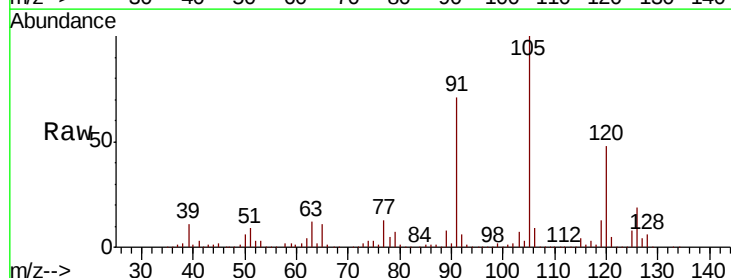
Acq: 02 Oct 2018 13:45

Tgt Ion:105 Resp: 251904

Ion Ratio Lower Upper

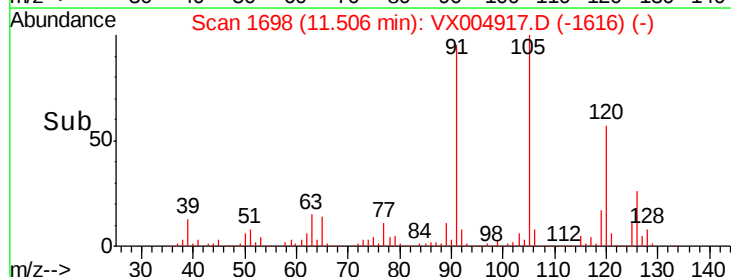
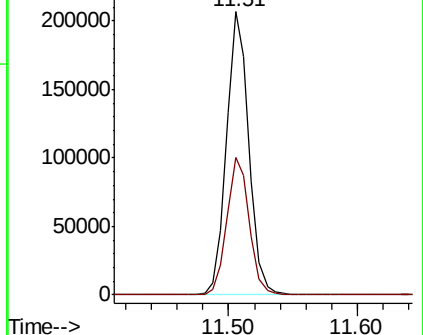
105 100

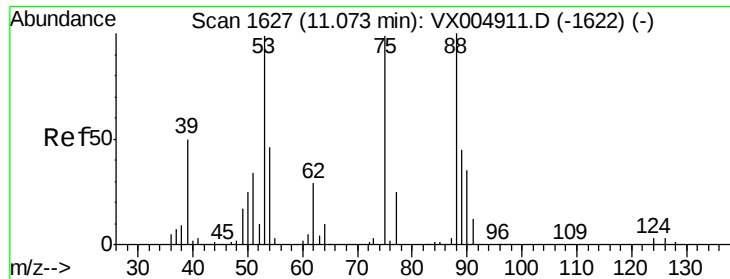
120 48.6 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 17.290 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX004917.D

Acq: 02 Oct 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX1002WBS01

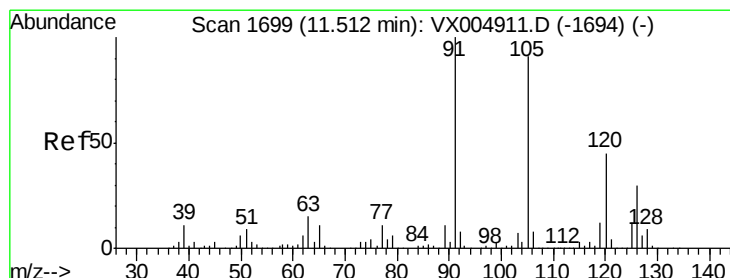
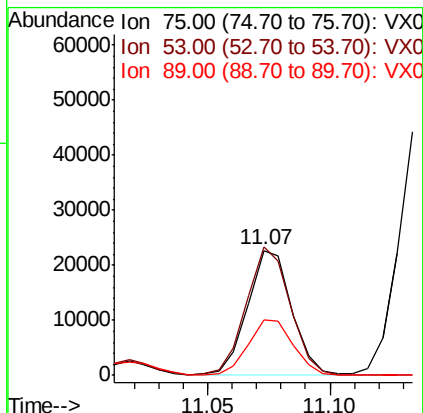
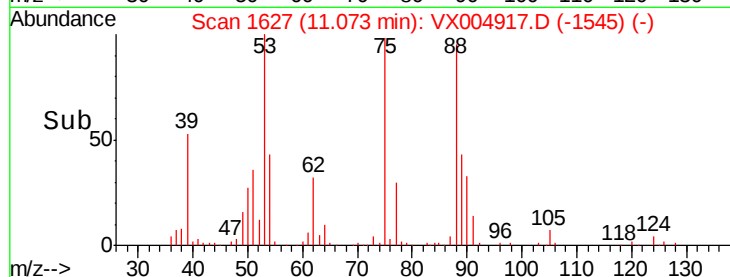
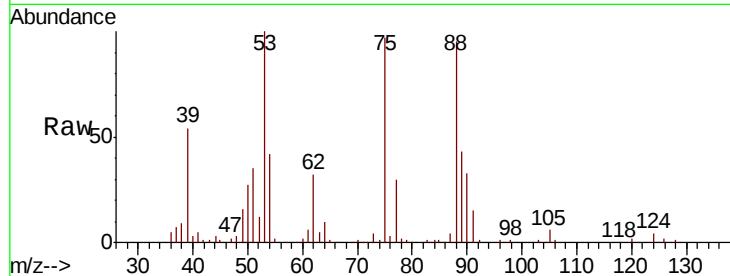
Tot Ion: 75 Resp: 28233

Ion Ratio Lower Upper

75 100

53 103.0 50.3 150.9

89 44.1 22.6 67.8



#78

4-Chlorotoluene

Concen: 19.604 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004917.D

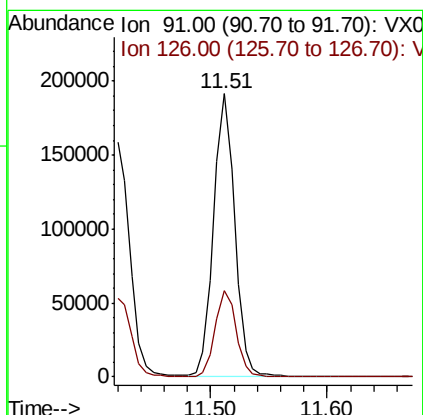
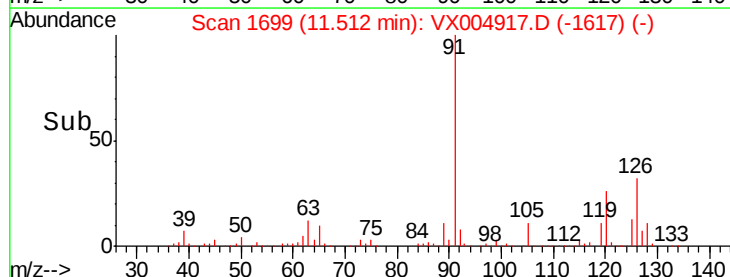
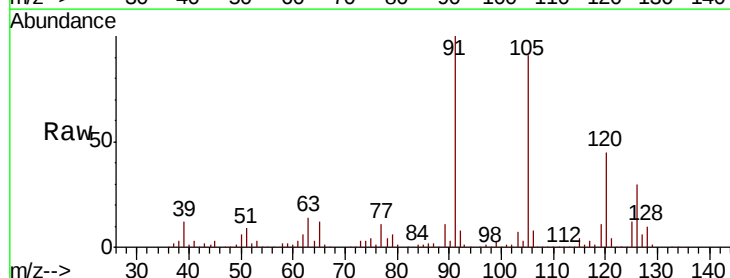
Acq: 02 Oct 2018 13:45

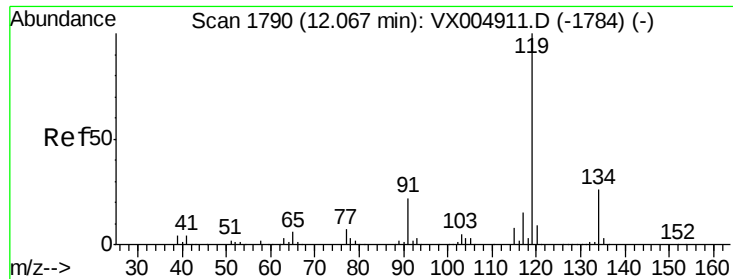
Tgt Ion: 91 Resp: 239998

Ion Ratio Lower Upper

91 100

126 29.9 0.0 61.0

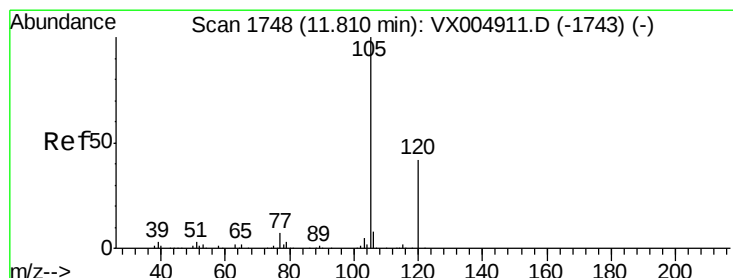
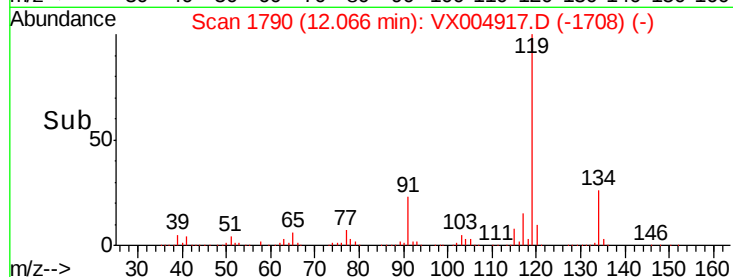
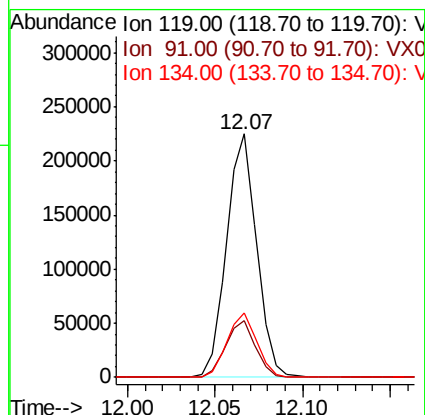
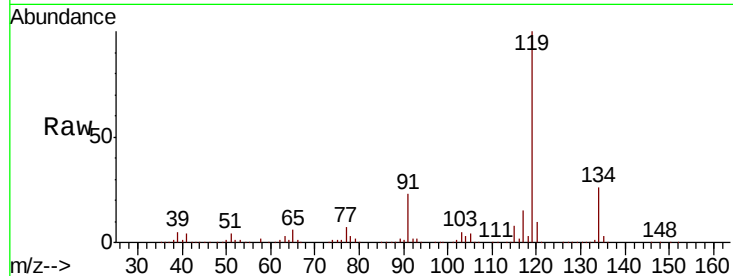




#79
tert-butylbenzene
Concen: 19.976 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

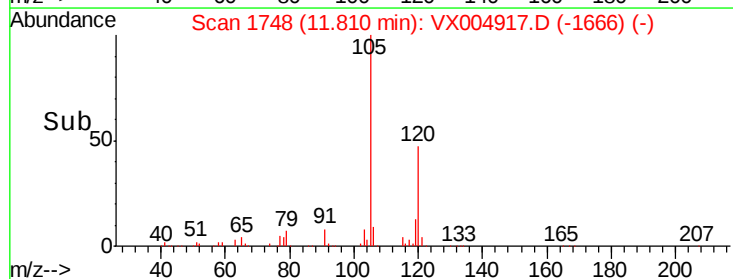
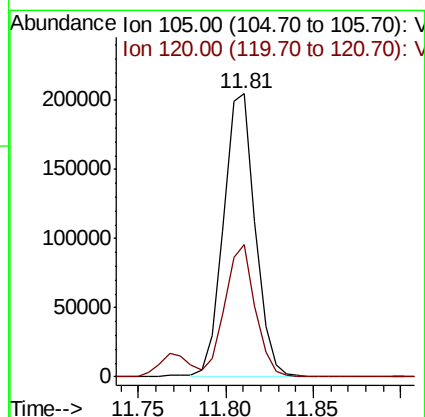
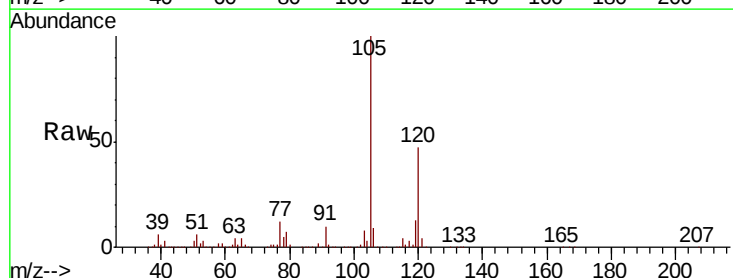
Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

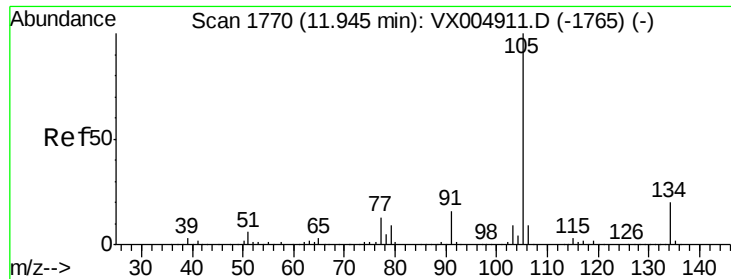
Tot Ion:119 Resp: 268483
Ion Ratio Lower Upper
119 100
91 23.2 0.0 45.8
134 26.2 0.0 52.8



#80
1,2,4-Trimethylbenzene
Concen: 19.922 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Tgt Ion:105 Resp: 257290
Ion Ratio Lower Upper
105 100
120 45.0 0.0 90.6

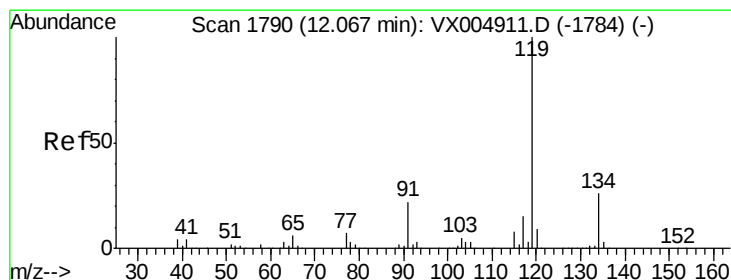
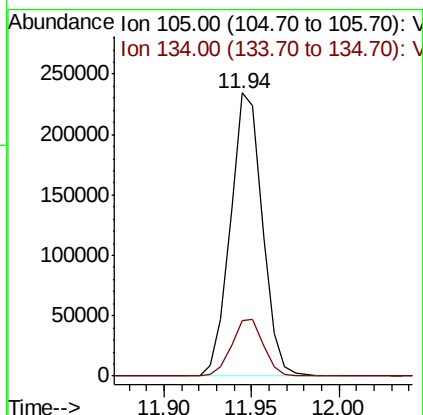
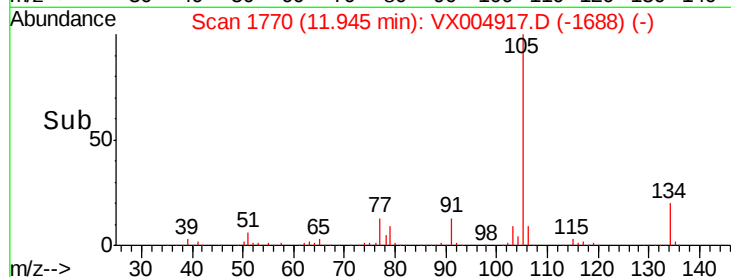
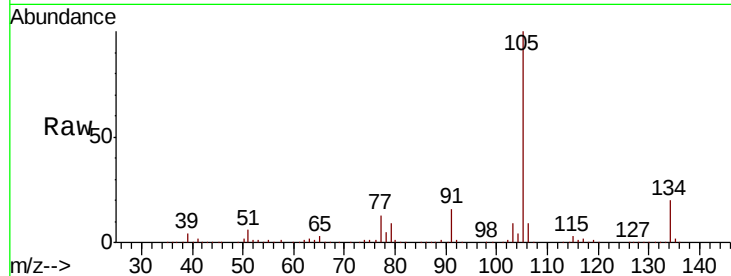




#81
 sec-Butylbenzene
 Concen: 19.949 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

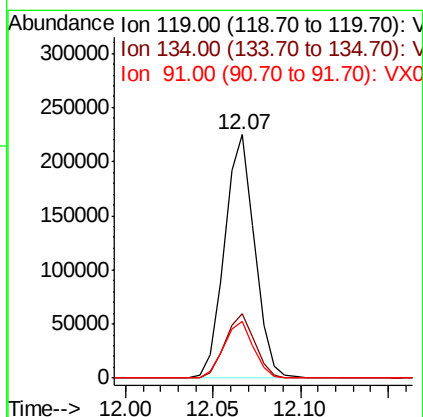
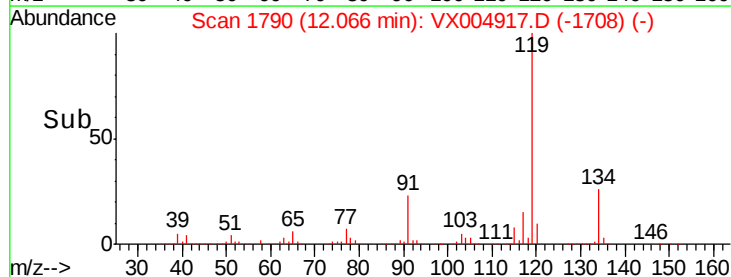
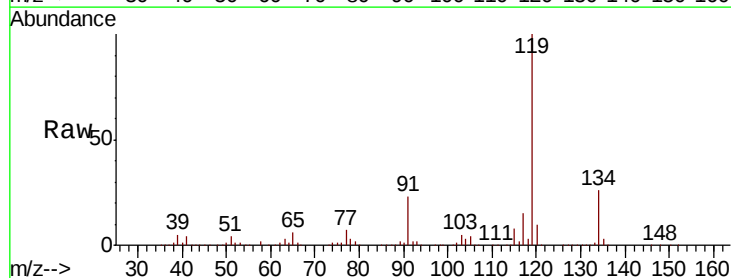
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBS01

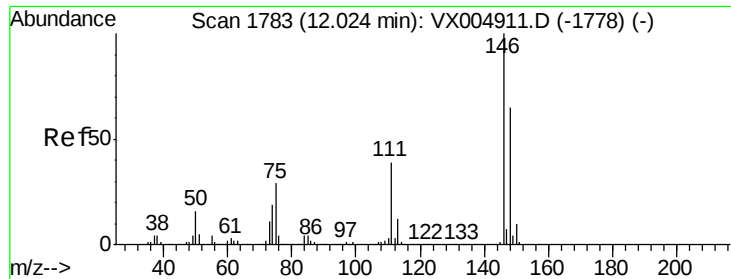
Tot Ion:105 Resp: 298210
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 40.4



#82
 p-Isopropyltoluene
 Concen: 19.976 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

Tgt Ion:119 Resp: 268483
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.8
 91 23.2 0.0 45.8

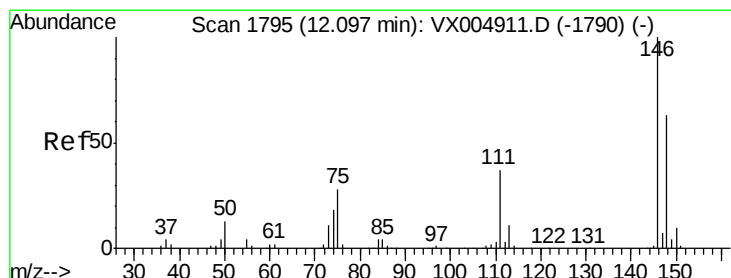
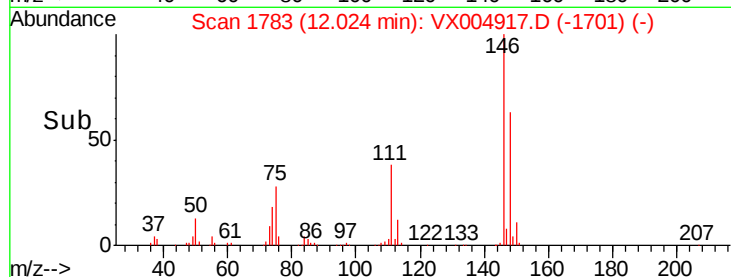
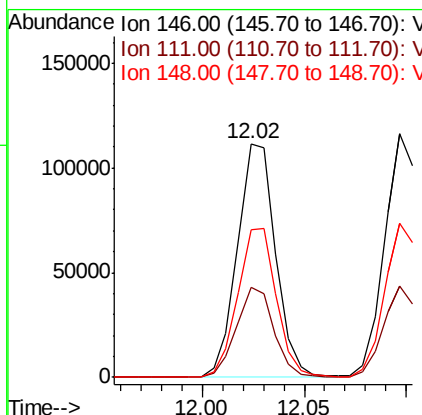
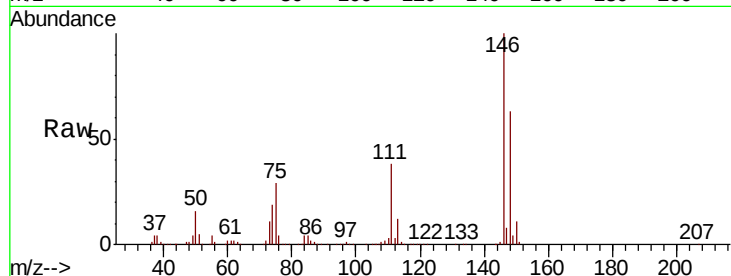




#83
 1,3-Dichlorobenzene
 Concen: 19.503 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

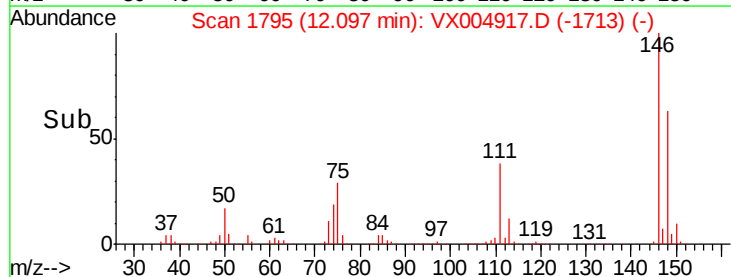
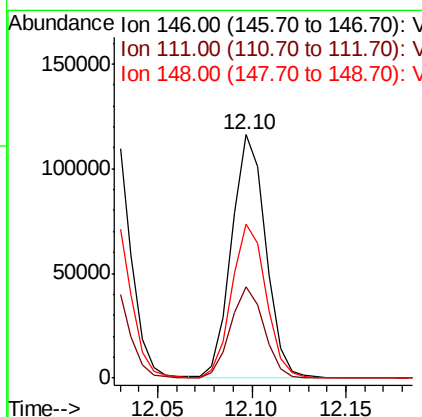
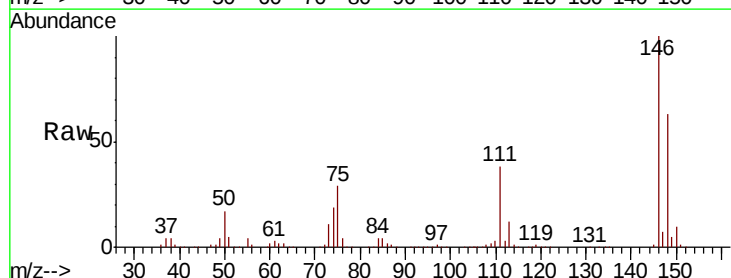
Instrument :
 MSVOA_X
 ClientSampled :
 VX1002WBS01

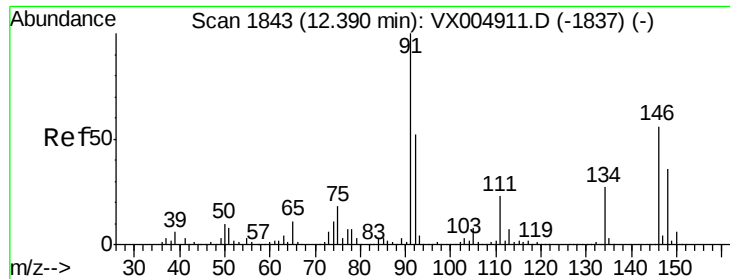
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.3	57.8
148	64.5	32.4	97.2



#84
 1,4-Dichlorobenzene
 Concen: 19.388 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.4
148	63.6	31.9	95.7

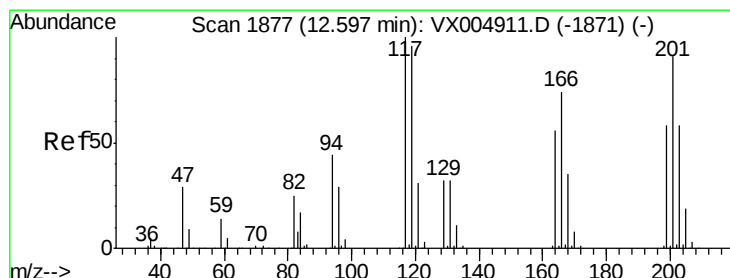
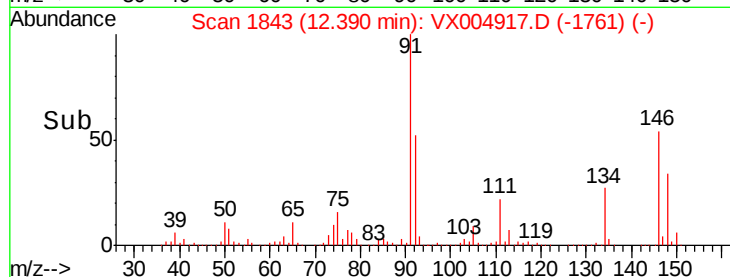
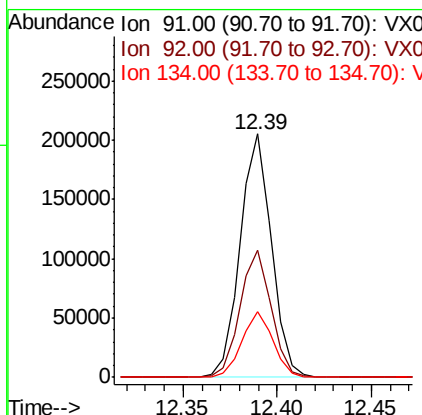
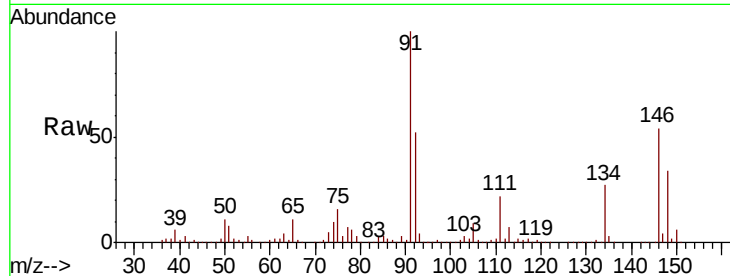




#85
n-Butylbenzene
Concen: 19.376 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

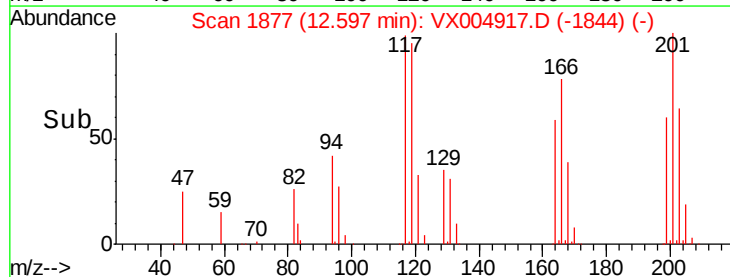
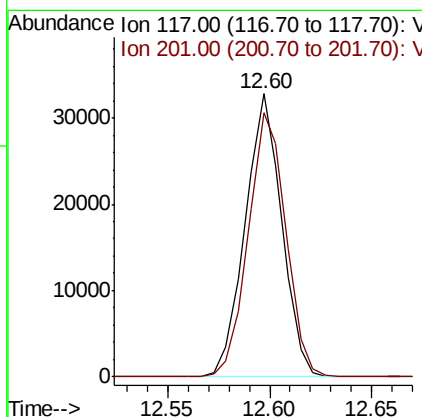
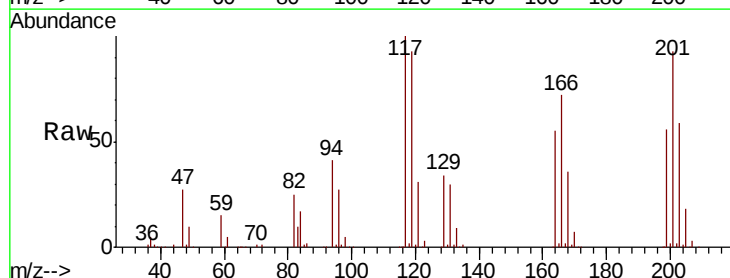
Instrument :
MSVOA_X
ClientSampled :
VX1002WBS01

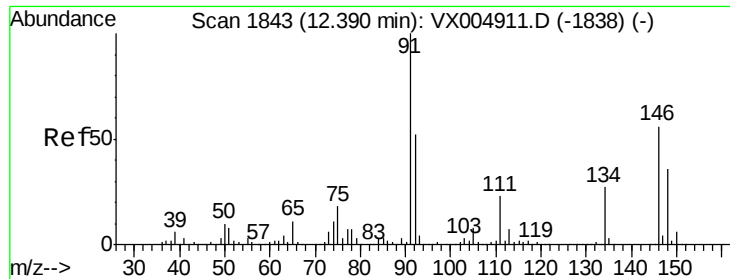
Tot Ion: 91 Resp: 236528
Ion Ratio Lower Upper
91 100
92 52.1 0.0 103.6
134 26.4 0.0 52.2



#86
Hexachloroethane
Concen: 18.493 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Tgt Ion: 117 Resp: 40940
Ion Ratio Lower Upper
117 100
201 95.6 47.1 141.4

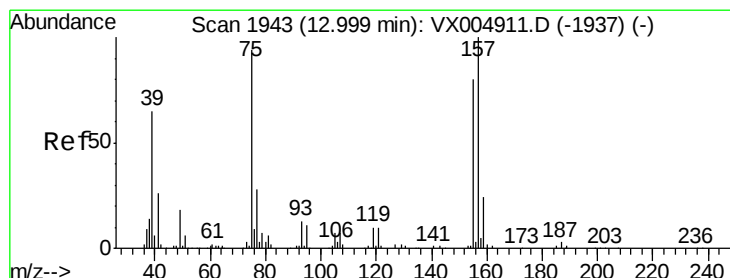
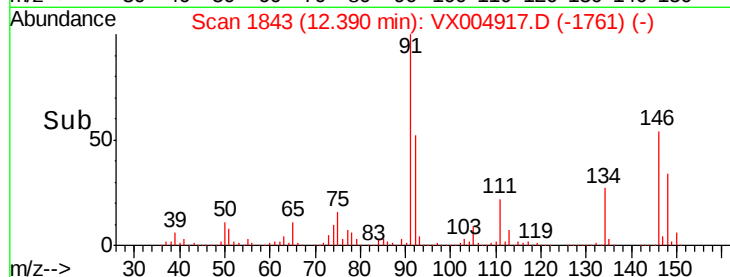
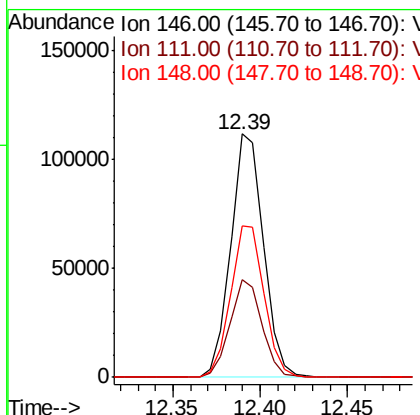
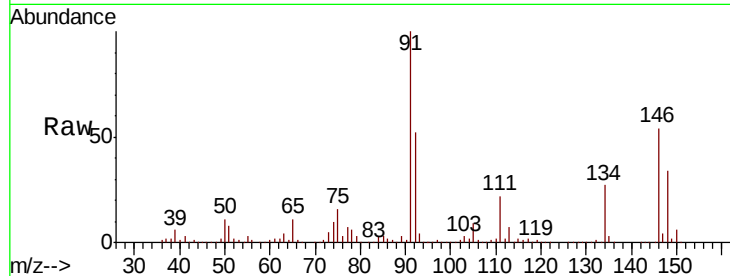




#87
 1,2-Dichlorobenzene
 Concen: 19.204 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

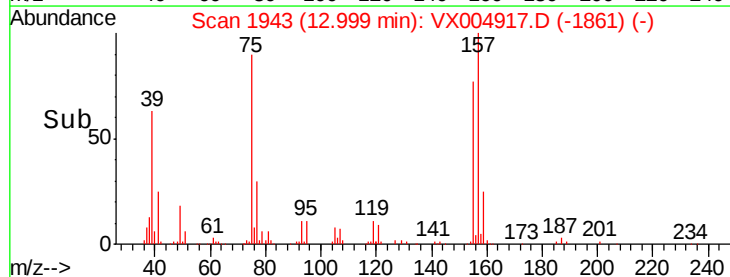
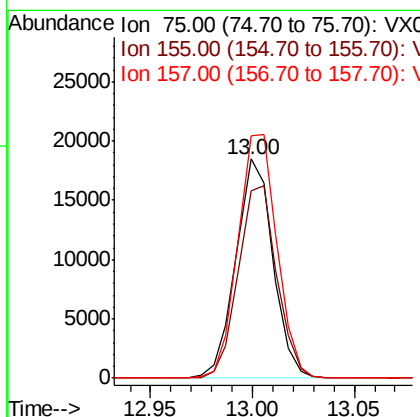
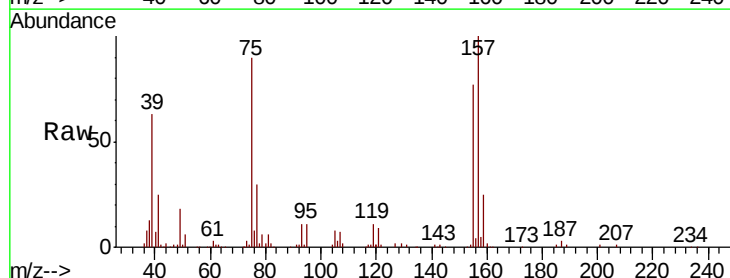
Instrument :
 MSVOA_X
 ClientSampled :
 VX1002WBS01

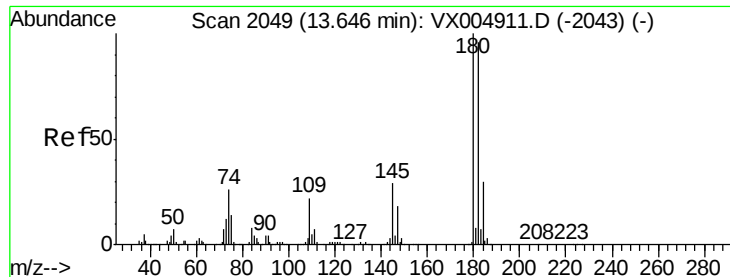
Tot Ion:146 Resp: 145642
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.7
 148 63.5 31.9 95.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.507 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

Tgt Ion: 75 Resp: 23314
 Ion Ratio Lower Upper
 75 100
 155 91.5 71.6 107.4
 157 117.2 91.3 136.9

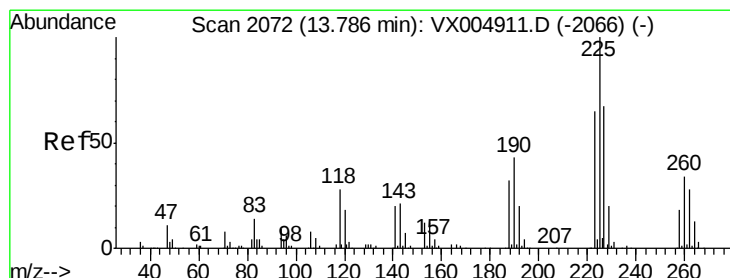
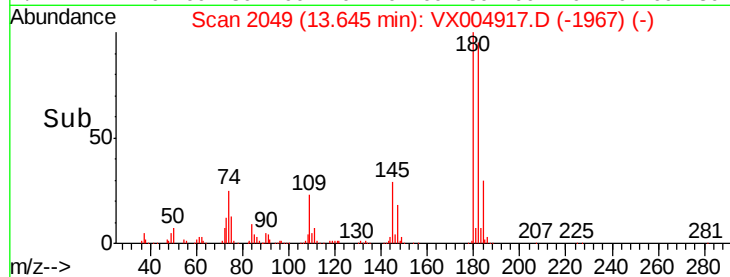
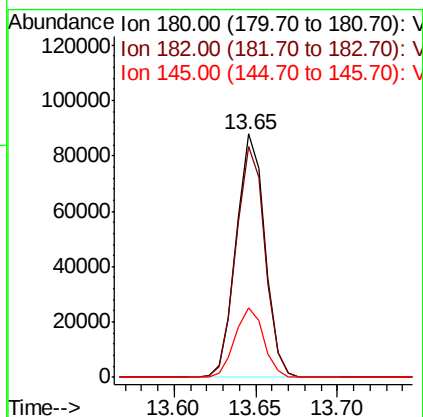
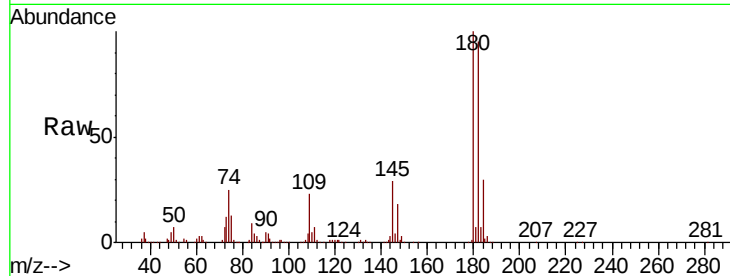




#89
 1,2,4-Trichlorobenzene
 Concen: 19.071 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

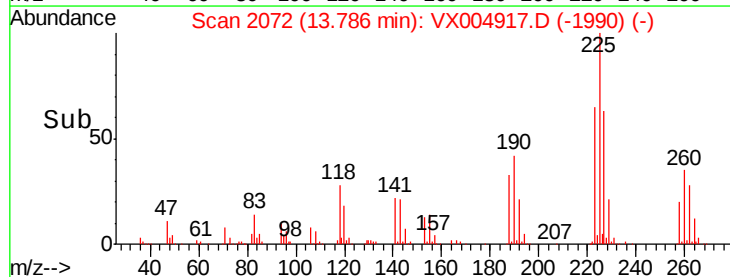
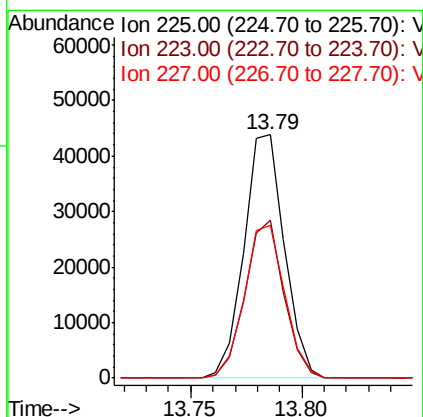
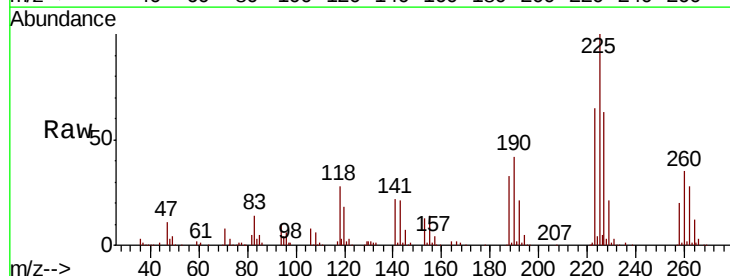
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBS01

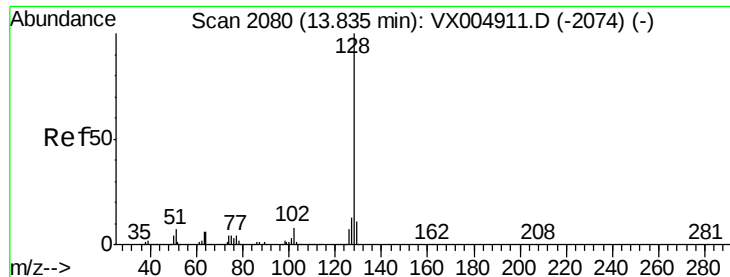
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.8	115.2
145	28.5	22.6	33.8



#90
 Hexachlorobutadiene
 Concen: 19.915 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004917.D
 Acq: 02 Oct 2018 13:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	0.0	126.6
227	62.9	0.0	129.6

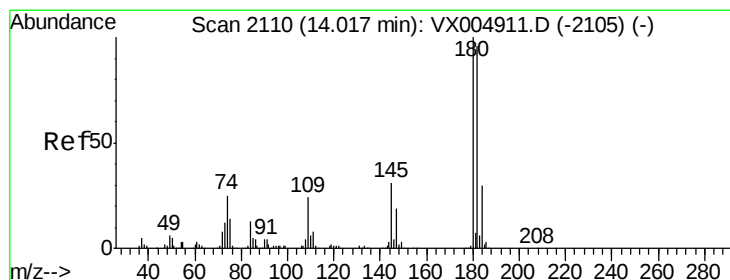
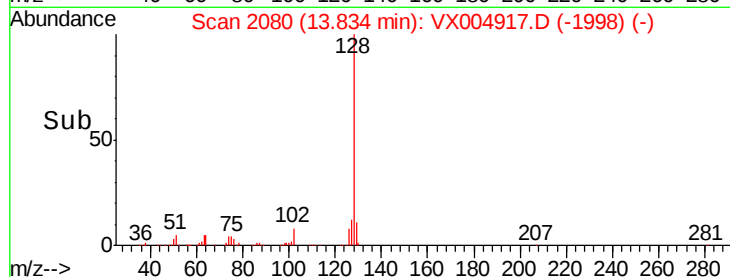
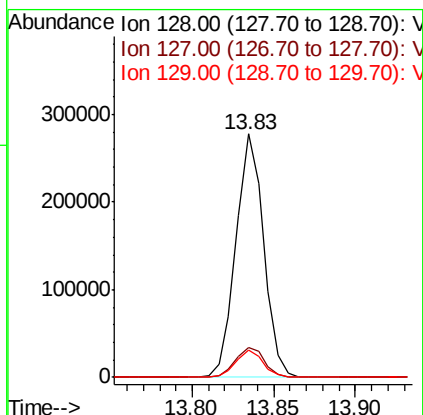
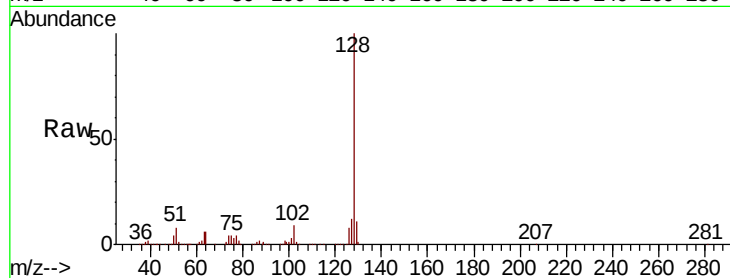




#91
Naphthalene
Concen: 18.739 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX1002WBS01

Tot Ion:128 Resp: 329637
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 19.212 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX004917.D
Acq: 02 Oct 2018 13:45

Tgt Ion:180 Resp: 111454
Ion Ratio Lower Upper
180 100
182 94.6 0.0 192.2
145 29.6 0.0 60.4

