

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003897.D
 Acq On : 07 Aug 2018 23:38
 Operator : JC/MD
 Sample : VX0807WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

Quant Time: Aug 08 04:16:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	70121	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	372499	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	346346	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	144197	28.01	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.37%
60) 4-Bromofluorobenzene	11.14	95	163998	29.41	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.03%
63) Toluene-d8	8.72	98	463441	29.70	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	94715	25.57	ug/l	100
3) Chloromethane	1.32	50	96285	19.32	ug/l	97
4) Vinyl Chloride	1.40	62	99356	18.95	ug/l	99
5) Bromomethane	1.64	94	58611	18.70	ug/l	99
6) Chloroethane	1.72	64	64002	18.65	ug/l	98
7) Trichlorofluoromethane	1.93	101	127977	18.15	ug/l	99
8) Diethyl Ether	2.19	74	55223	18.27	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	76563	17.91	ug/l	94
10) 1,1-Dichloroethene	2.37	96	71595	17.81	ug/l	94
11) Methyl Iodide	2.51	142	91171	16.36	ug/l	94
12) Methyl Acetate	2.78	43	155092	20.85	ug/l	95
13) Acrolein	2.29	56	75427	130.01	ug/l	97
14) Acrylonitrile	3.15	53	258164	88.08	ug/l	99
15) Acetone	2.45	58	69882	87.86	ug/l	80
16) Carbon Disulfide	2.57	76	195313	17.49	ug/l	100
17) Allyl chloride	2.73	41	136847	16.45	ug/l	93
18) Methylene Chloride	2.86	84	87297	18.33	ug/l	97
19) trans-1,2-Dichloroethene	3.16	96	77475	17.83	ug/l	99
20) Diisopropyl ether	3.87	45	246889	16.16	ug/l	98
21) 1,1-Dichloroethane	3.70	63	152528	17.63	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	86098	19.62	ug/l #	70
23) tert-Butyl Alcohol	3.07	59	110438	89.70	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	254179	17.63	ug/l #	90
25) Chloroform	5.21	83	144199	19.25	ug/l	99
26) Cyclohexane	5.57	56	121348	18.67	ug/l #	92
29) 1,1-Dichloropropene	5.80	75	105885	19.25	ug/l	99
30) 2-Butanone	4.71	43	323277	92.03	ug/l	92
31) 2,2-Dichloropropane	4.58	77	77778	14.60	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	119682	19.02	ug/l	99
33) Carbon Tetrachloride	5.78	117	103350	18.90	ug/l	97
34) Benzene	6.15	78	331079	19.59	ug/l	96
35) Methacrylonitrile	5.07	41	66545	18.23	ug/l	90
36) 1,2-Dichloroethane	6.20	62	114186	18.80	ug/l #	94
37) Trichloroethene	7.21	130	85489	19.41	ug/l	96
38) Methylcyclohexane	7.46	83	116992	18.72	ug/l	96
39) 1,2-Dichloropropane	7.52	63	83913	18.79	ug/l	95
40) Dibromomethane	7.67	93	54491	18.85	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	100610	18.22	ug/l	98
42) Vinyl Acetate	3.82	43	989659	73.32	ug/l	96
43) Ethyl Acetate	4.87	43	116576	17.77	ug/l	96
44) Isopropyl Acetate	6.47	43	176899	17.58	ug/l	93
45) 1,4-Dioxane	7.76	88	44184	395.32	ug/l #	83
46) Methyl methacrylate	7.78	41	92503	17.82	ug/l	89
47) n-amyl Acetate	10.90	43	147758	15.55	ug/l #	88
48) t-1,3-Dichloropropene	8.44	75	117382	17.52	ug/l	99
49) cis-1,3-Dichloropropene	9.04	75	105594	16.80	ug/l	91
50) 1,1,2-Trichloroethane	9.22	97	85385	18.61	ug/l	98
51) Ethyl methacrylate	9.18	69	116374	16.85	ug/l	81
52) 1,3-Dichloropropane	9.37	76	143921	18.85	ug/l	99
53) Dibromochloromethane	9.59	129	79411	17.62	ug/l	100
54) 1,2-Dibromoethane	9.68	107	87957	18.33	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	321666	90.27	ug/l	98
56) Bromoform	10.86	173	60039	17.17	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	622307	95.16	ug/l	91
59) 2-Hexanone	9.50	43	475661	91.35	ug/l	90
61) Tetrachloroethene	9.34	164	84354	20.93	ug/l	98
62) Toluene	8.79	91	357178	19.87	ug/l	100
64) Chlorobenzene	10.14	112	229285	19.74	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	81622	19.86	ug/l	98
66) Ethyl Benzene	10.26	91	377796	19.10	ug/l	99
67) m/p-Xylenes	10.36	106	302341	39.68	ug/l	96
68) o-Xylene	10.70	106	144167	19.78	ug/l	94
69) Styrene	10.71	104	236321	19.15	ug/l	96
70) Isopropylbenzene	11.02	105	389802	19.42	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	133916	18.69	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	146726	24.62	ug/l	93
73) Bromobenzene	11.26	156	102511	18.95	ug/l	98
74) n-propylbenzene	11.36	91	440659	18.64	ug/l	99
75) 2-Chlorotoluene	11.42	91	267695	19.21	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	315640	18.54	ug/l	98
77) t-1,4-Dichloro-2-butene	11.08	75	31610	15.57	ug/l	96
78) 4-Chlorotoluene	11.51	91	307089	18.84	ug/l	99
79) tert-butylbenzene	12.07	119	310226	17.71	ug/l	97
80) 1,2,4-Trimethylbenzene	11.81	105	324896	18.64	ug/l	96
81) sec-Butylbenzene	11.95	105	362374	18.27	ug/l	99
82) p-Isopropyltoluene	12.07	119	310226	17.71	ug/l	97
83) 1,3-Dichlorobenzene	12.03	146	173652	17.58	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	174172	17.51	ug/l	99
85) n-Butylbenzene	12.39	91	243520	15.66	ug/l	99
86) Hexachloroethane	12.60	117	43851	15.53	ug/l	94
87) 1,2-Dichlorobenzene	12.40	146	173524	17.50	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	23551	15.57	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	128215	18.42	ug/l	99
90) Hexachlorobutadiene	13.79	225	58695	18.60	ug/l	98
91) Naphthalene	13.83	128	401509	18.87	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	135089	19.05	ug/l	99

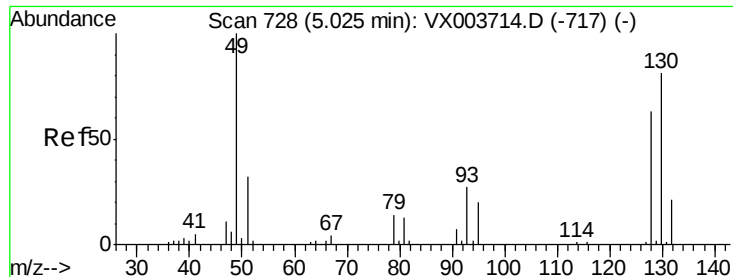
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS02

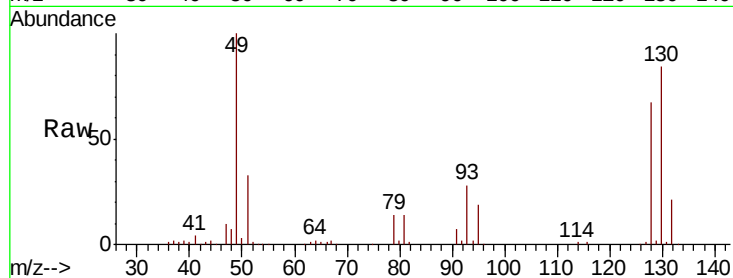
Tot Ion:128 Resp: 70121

Ion Ratio Lower Upper

128 100

49 152.5 0.0 423.0

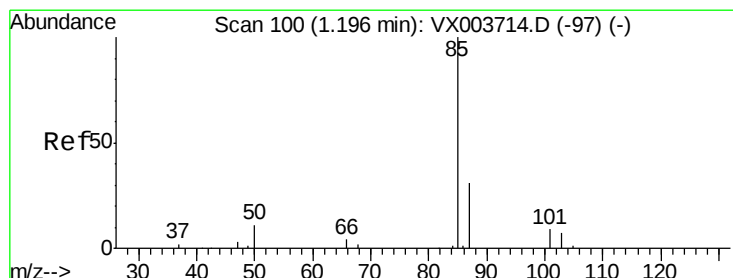
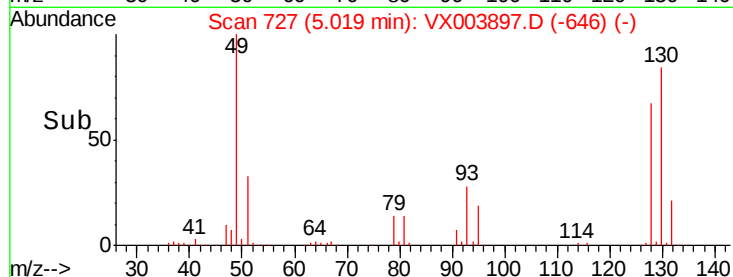
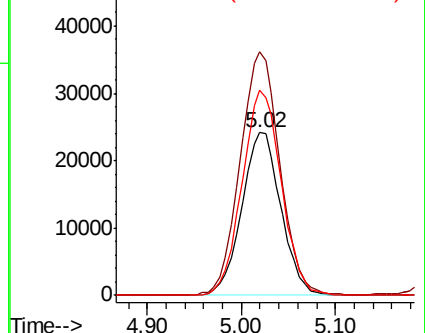
130 126.8 0.0 324.3



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: 25.57 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003897.D

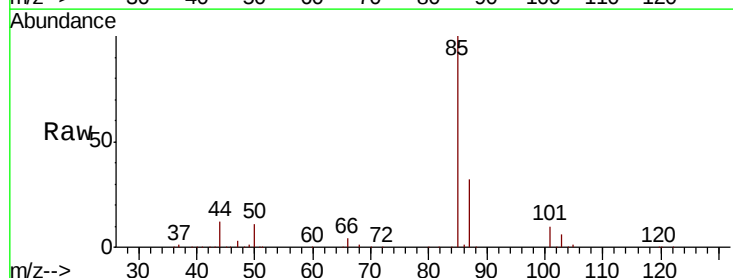
Acq: 07 Aug 2018 23:38

Tgt Ion: 85 Resp: 94715

Ion Ratio Lower Upper

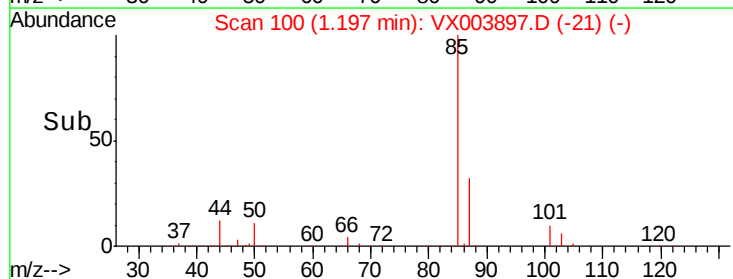
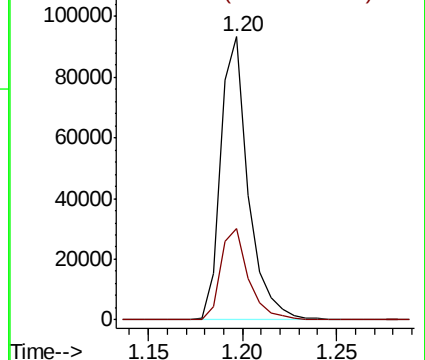
85 100

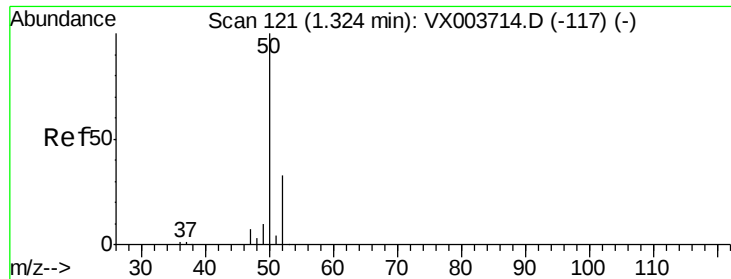
87 32.4 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

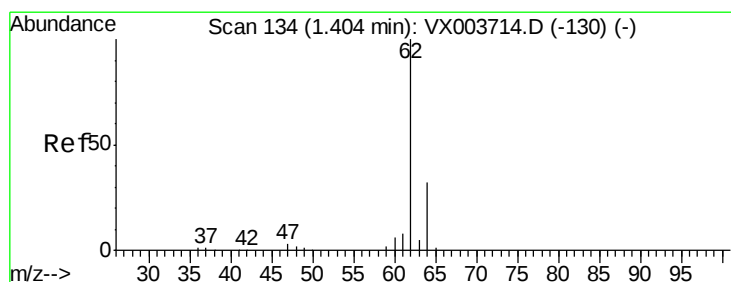
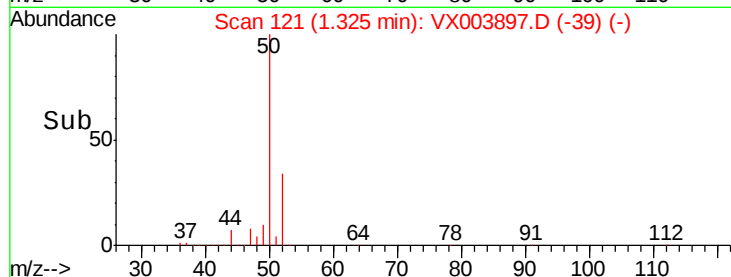
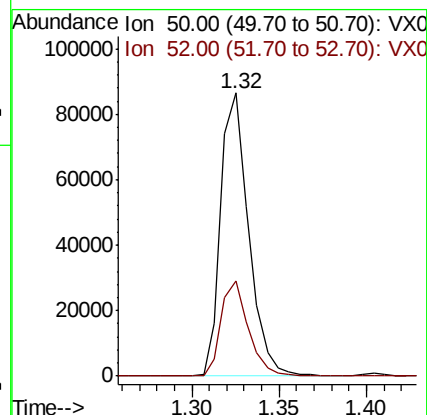
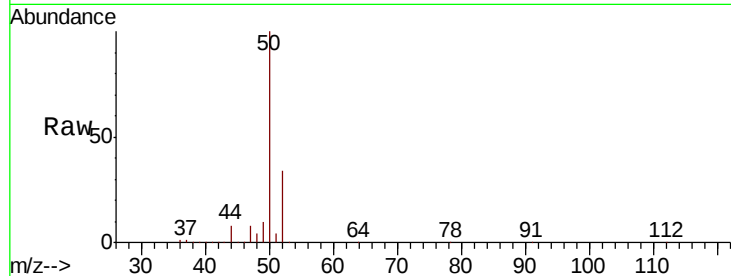




#3
Chloromethane
Concen: 19.32 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

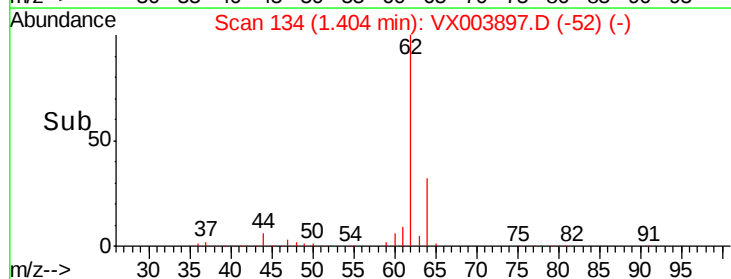
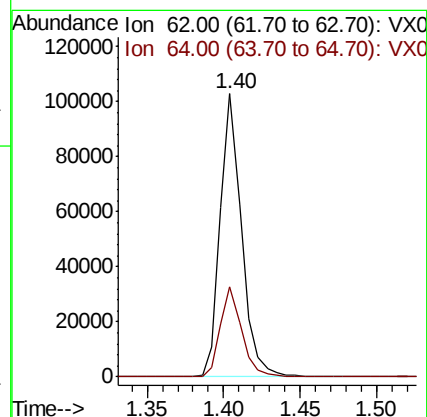
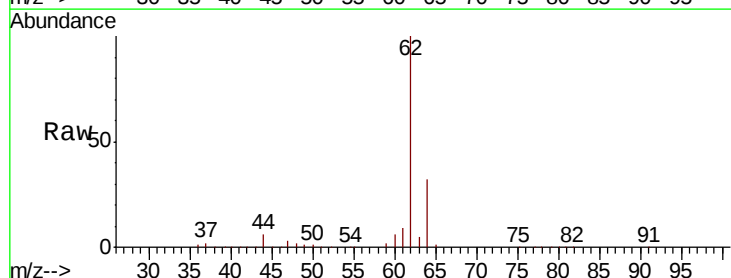
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

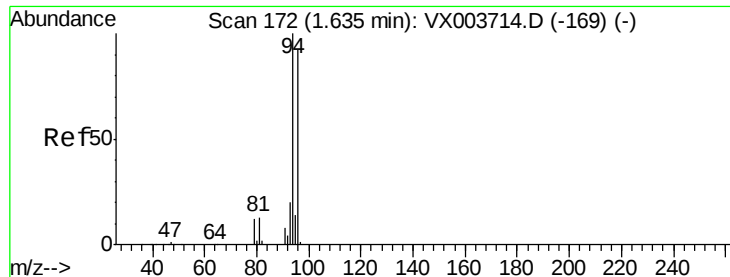
Tot Ion: 50 Resp: 96285
Ion Ratio Lower Upper
50 100
52 33.8 25.6 38.4



#4
Vinyl Chloride
Concen: 18.95 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion: 62 Resp: 99356
Ion Ratio Lower Upper
62 100
64 32.1 25.3 37.9





#5

Bromomethane

Concen: 18.70 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

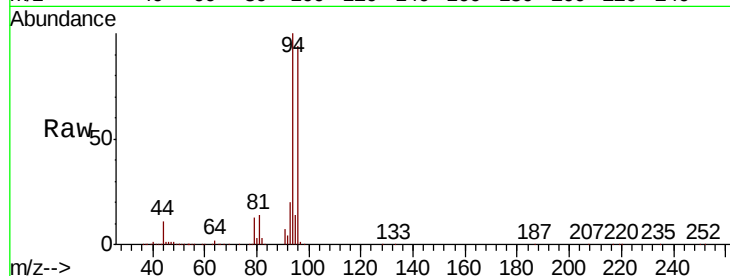
VX0807WBS02

Tot Ion: 94 Resp: 58611

Ion Ratio Lower Upper

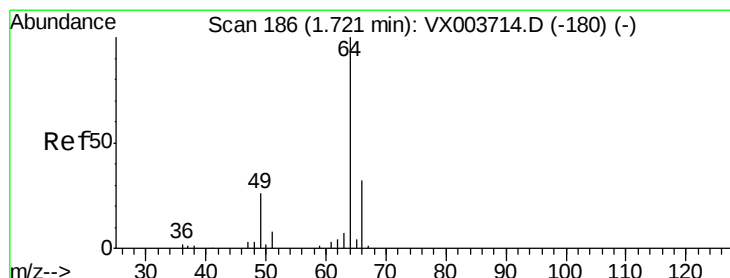
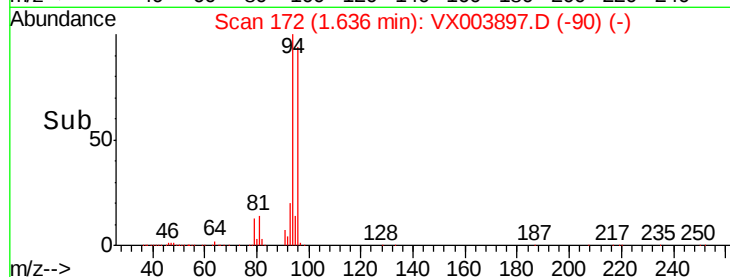
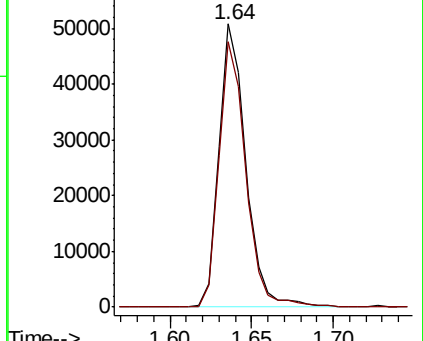
94 100

96 93.8 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.65 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003897.D

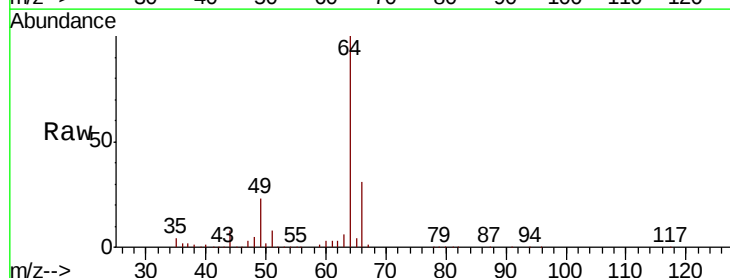
Acq: 07 Aug 2018 23:38

Tgt Ion: 64 Resp: 64002

Ion Ratio Lower Upper

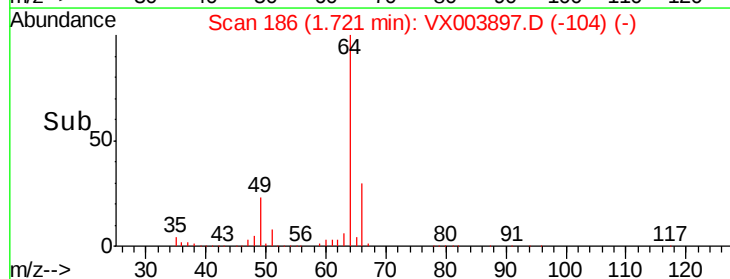
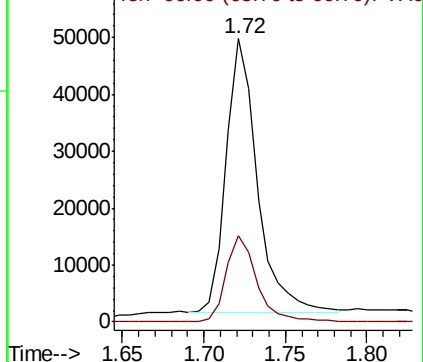
64 100

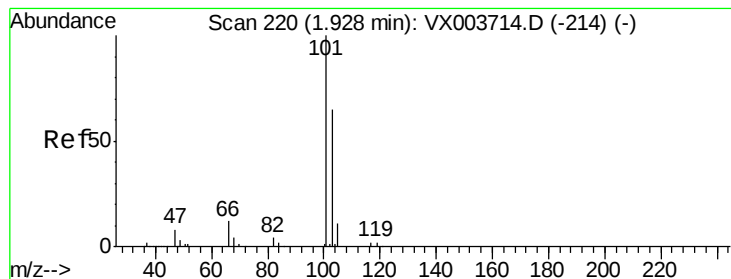
66 31.5 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



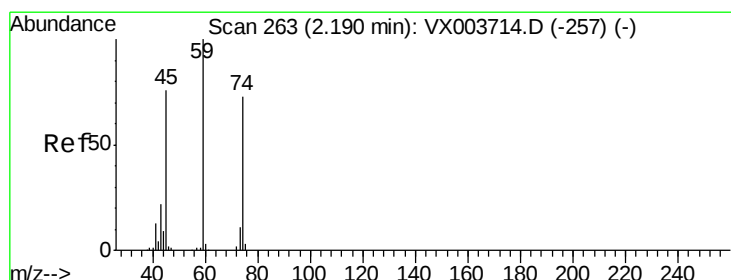
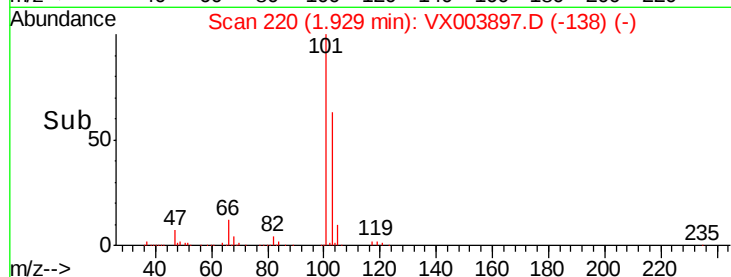
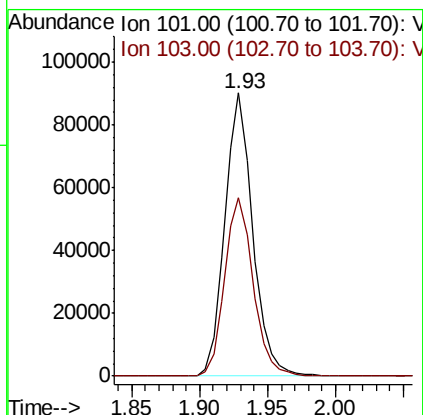
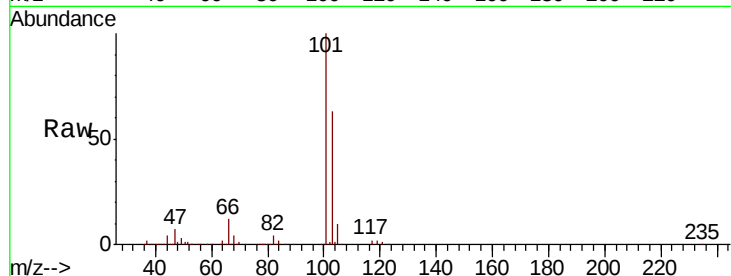


#7

Trichlorofluoromethane
 Concen: 18.15 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

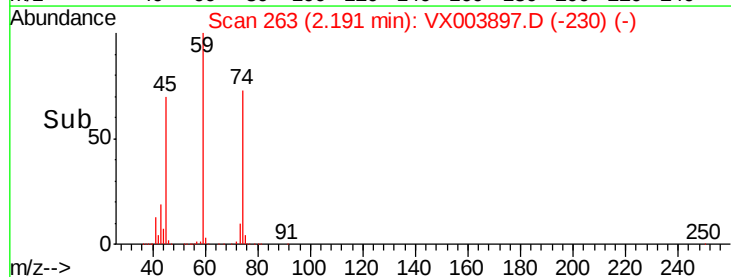
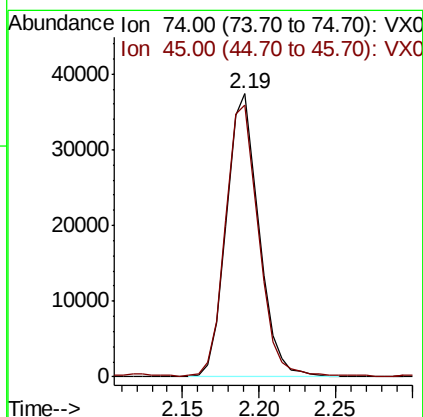
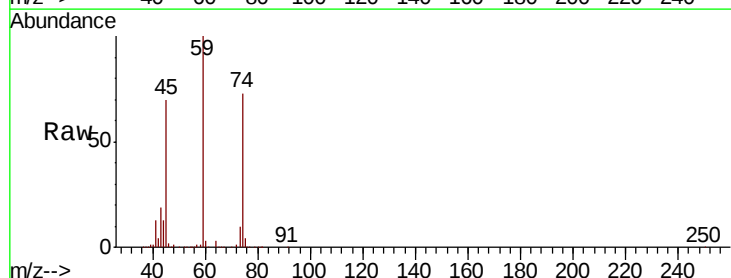
Tot Ion:101 Resp: 127977
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.5 77.3

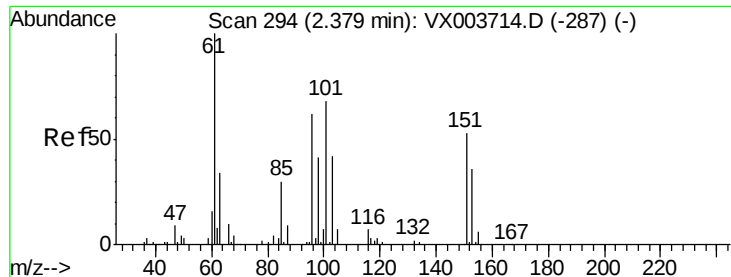


#8

Diethyl Ether
 Concen: 18.27 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion: 74 Resp: 55223
 Ion Ratio Lower Upper
 74 100
 45 96.5 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.91 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS02

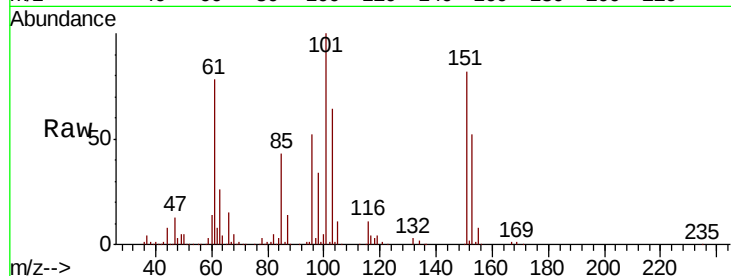
Tot Ion:101 Resp: 76563

Ion Ratio Lower Upper

101 100

85 43.1 0.0 87.0

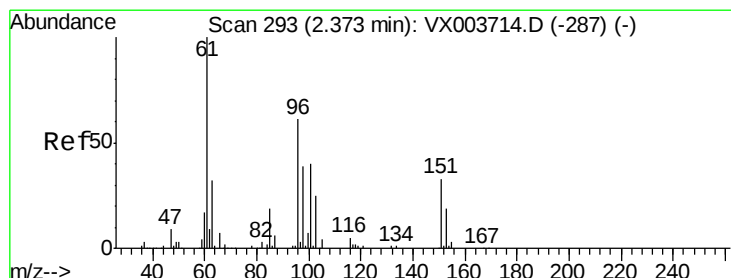
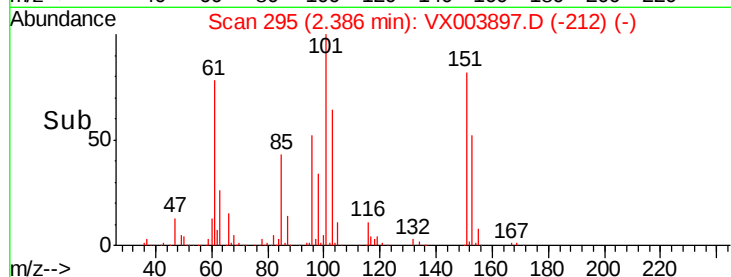
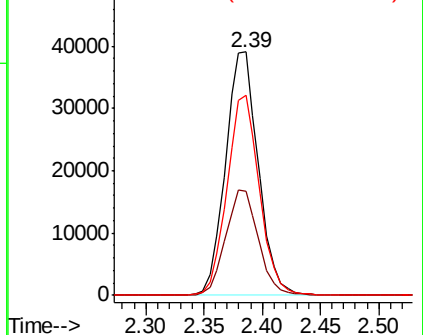
151 81.3 0.0 177.6



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: 17.81 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

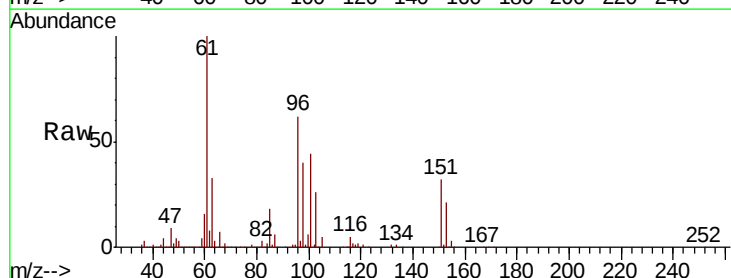
Tgt Ion: 96 Resp: 71595

Ion Ratio Lower Upper

96 100

61 161.7 137.5 206.3

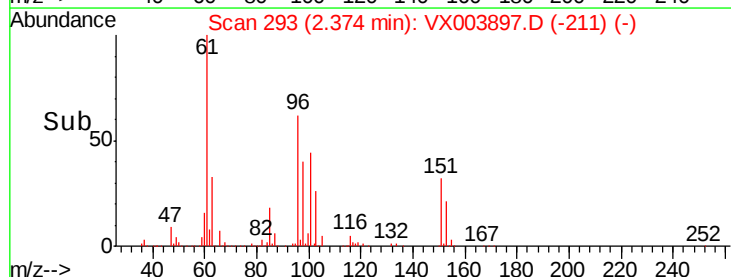
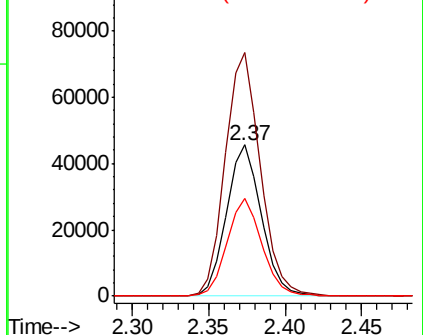
98 64.9 51.4 77.2

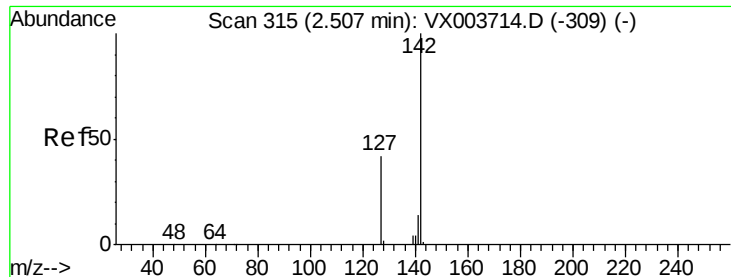


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

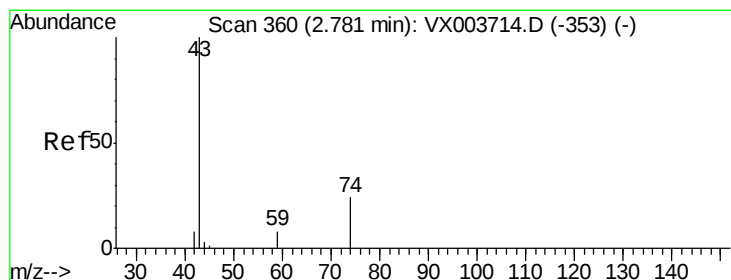
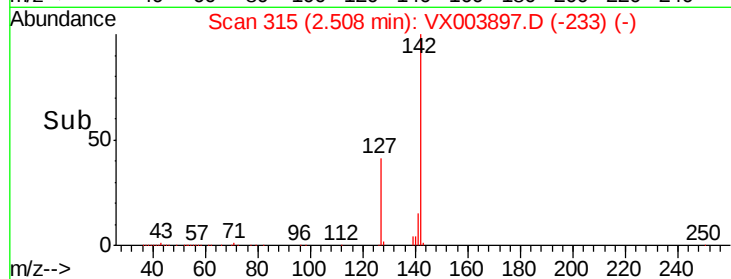
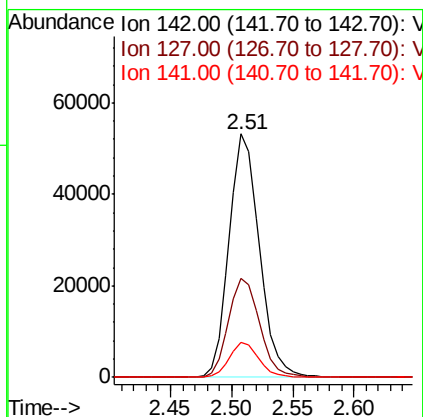
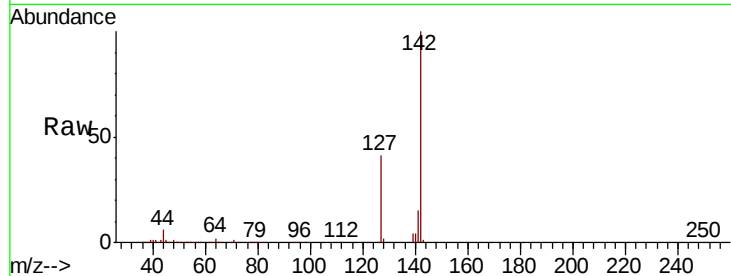




#11
Methyl Iodide
Concen: 16.36 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

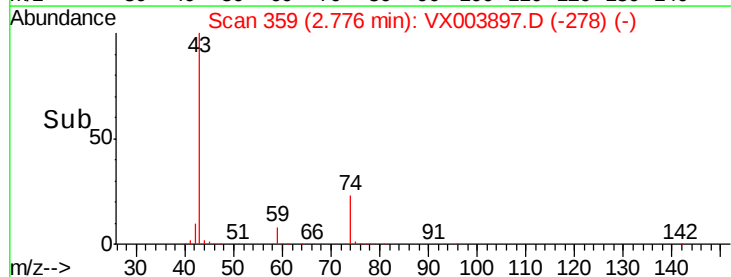
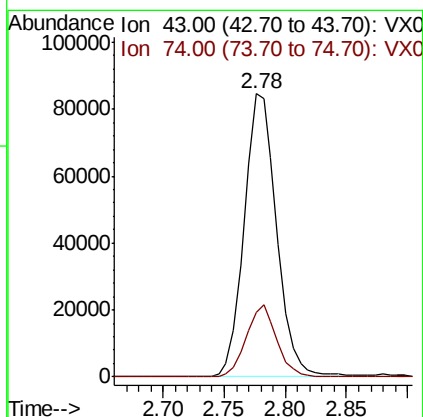
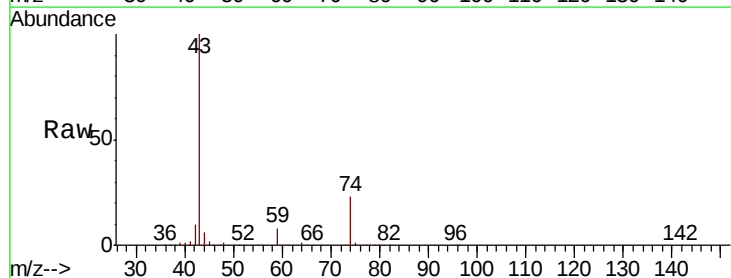
Instrument :
MSVOA_X
ClientSampled :
VX0807WBS02

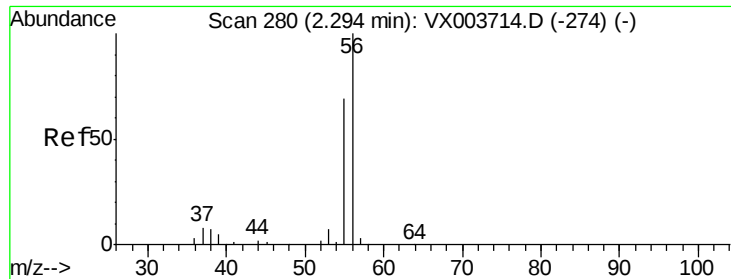
Tot Ion:142 Resp: 91171
Ion Ratio Lower Upper
142 100
127 40.8 23.2 69.6
141 14.6 7.4 22.2



#12
Methyl Acetate
Concen: 20.85 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion: 43 Resp: 155092
Ion Ratio Lower Upper
43 100
74 22.9 16.4 24.6





#13

Acrolein

Concen: 130.01 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

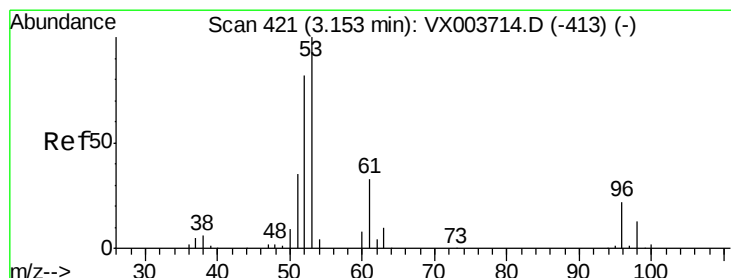
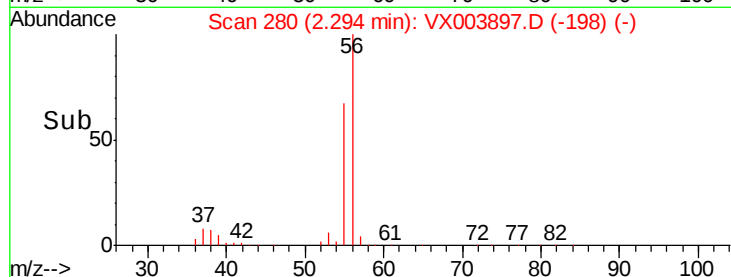
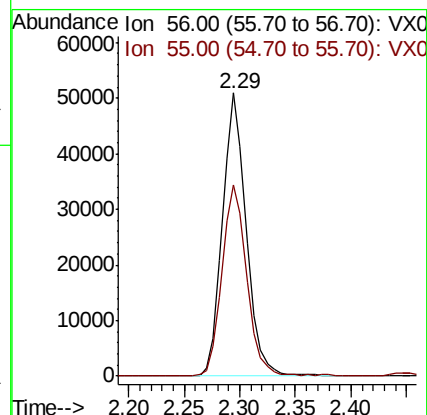
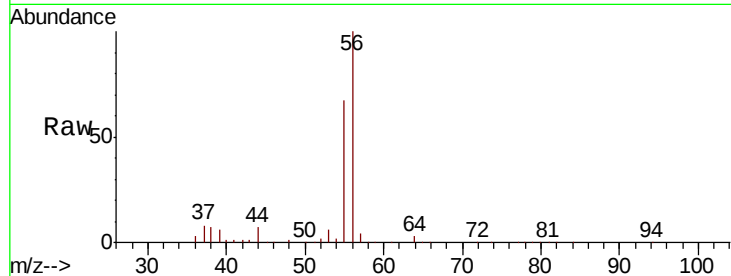
VX0807WBS02

Tot Ion: 56 Resp: 75427

Ion Ratio Lower Upper

56 100

55 69.4 57.3 85.9



#14

Acrylonitrile

Concen: 88.08 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

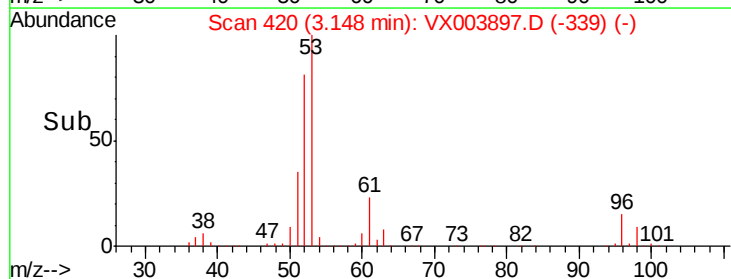
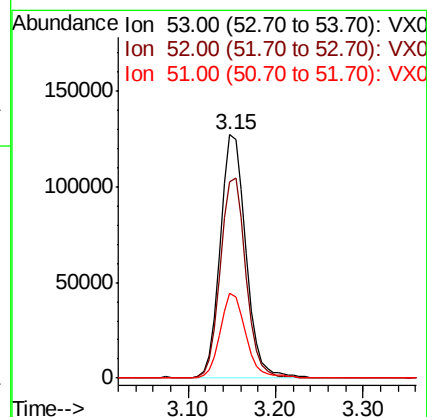
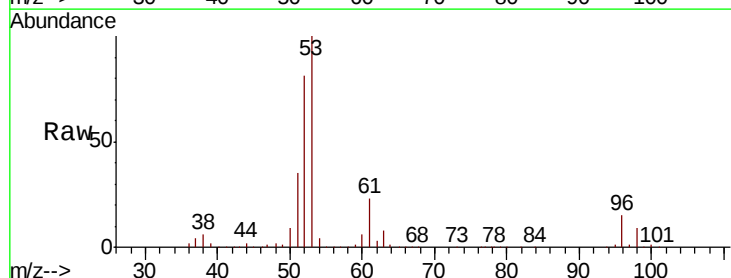
Tgt Ion: 53 Resp: 258164

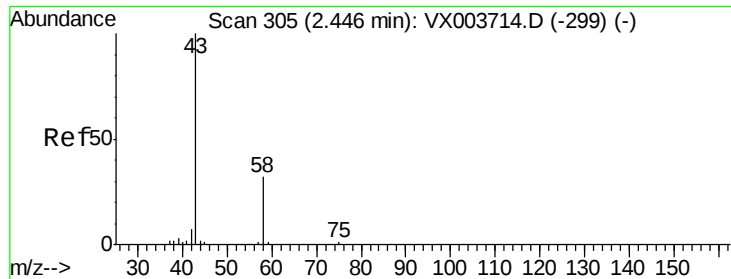
Ion Ratio Lower Upper

53 100

52 82.1 41.5 124.6

51 35.1 17.9 53.8





#15

Acetone

Concen: 87.86 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

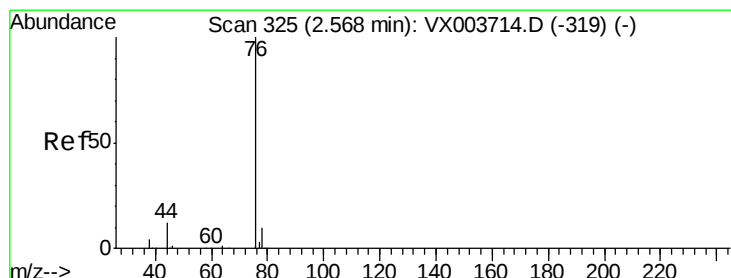
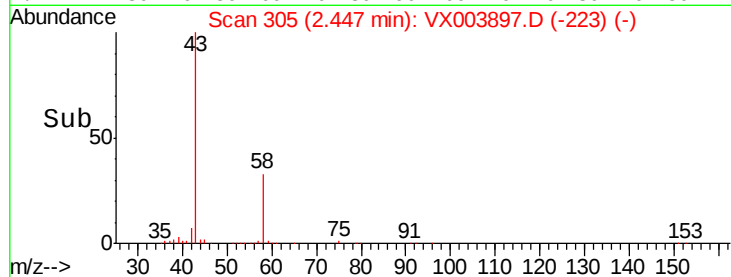
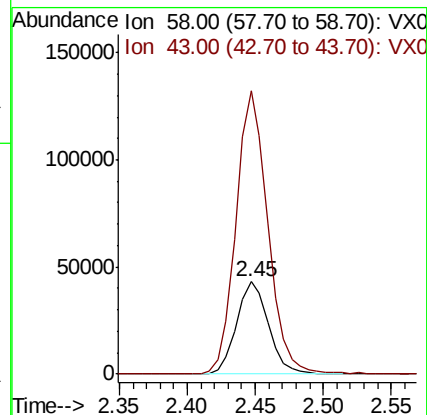
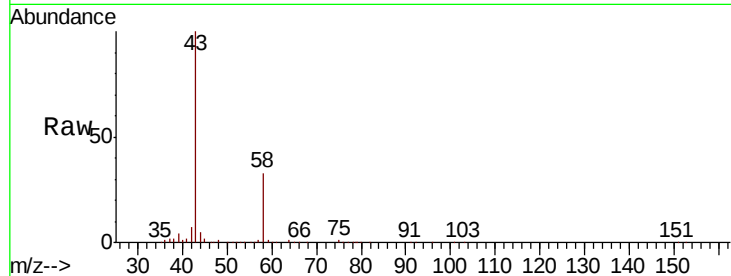
VX0807WBS02

Tot Ion: 58 Resp: 69882

Ion Ratio Lower Upper

58 100

43 305.9 278.8 418.2



#16

Carbon Disulfide

Concen: 17.49 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003897.D

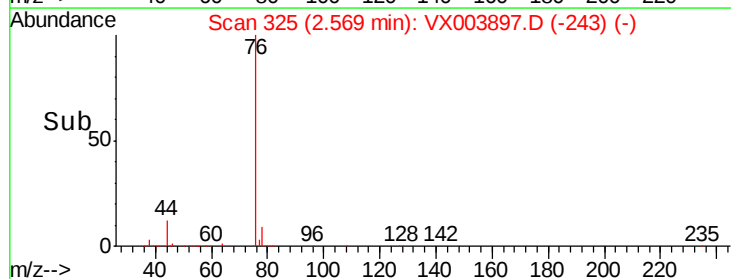
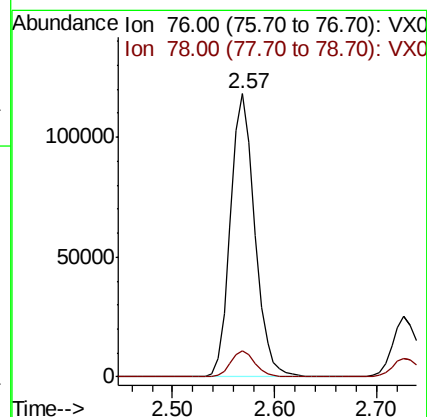
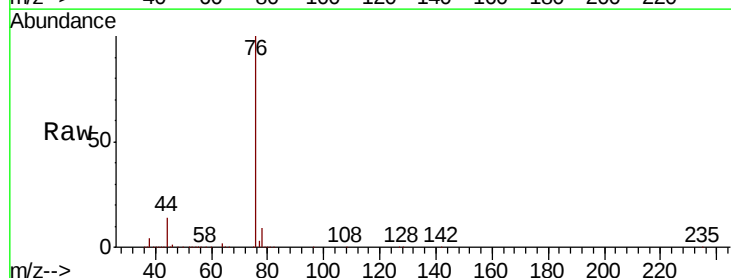
Acq: 07 Aug 2018 23:38

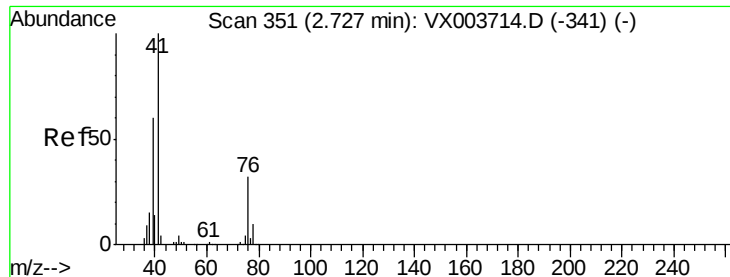
Tgt Ion: 76 Resp: 195313

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

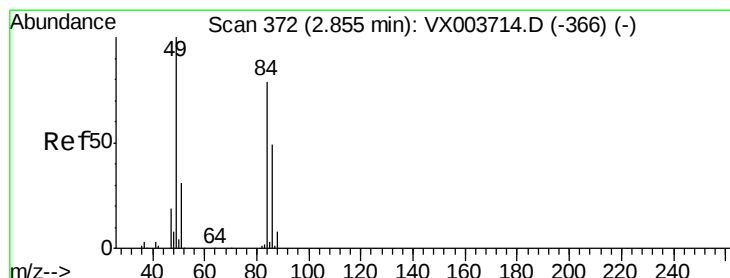
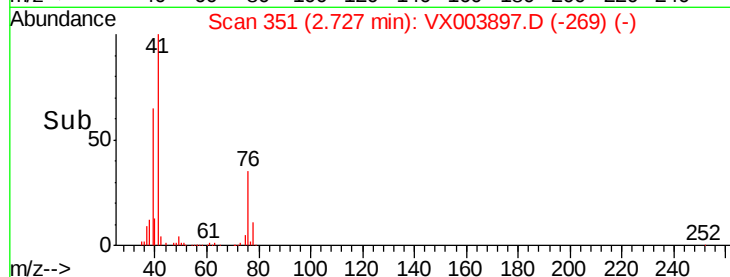
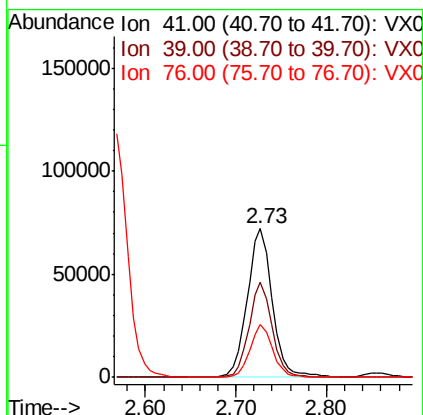
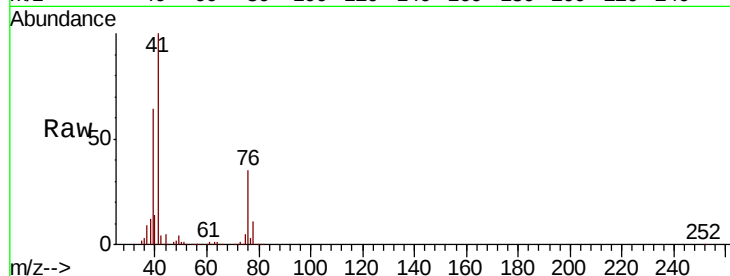




#17
Allvl chloride
Concen: 16.45 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

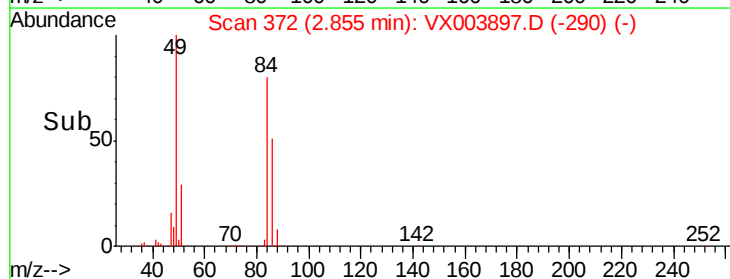
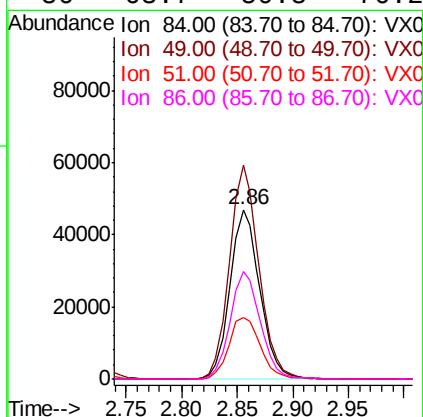
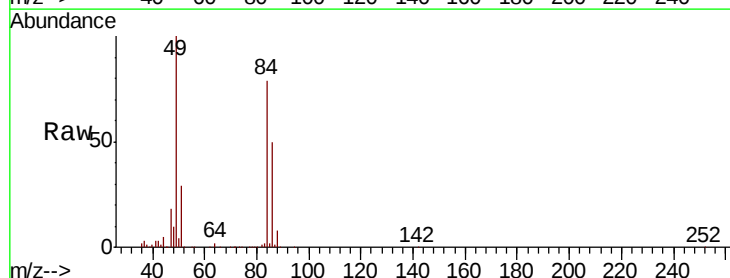
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

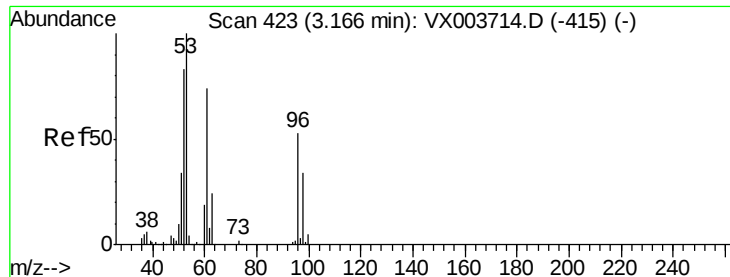
Tot Ion: 41 Resp: 136847
Ion Ratio Lower Upper
41 100
39 64.3 34.6 103.8
76 35.3 15.0 45.1



#18
Methylene Chloride
Concen: 18.33 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion: 84 Resp: 87297
Ion Ratio Lower Upper
84 100
49 126.3 104.7 157.1
51 36.4 31.0 46.4
86 63.7 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 17.83 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS02

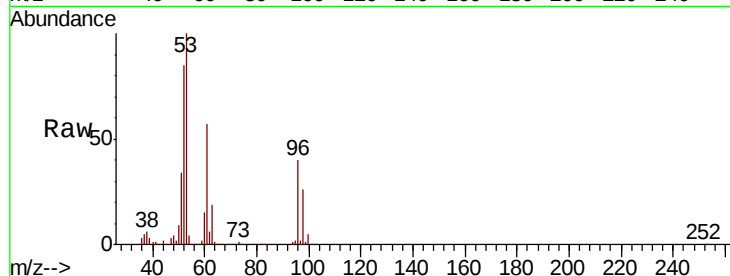
Tot Ion: 96 Resp: 77475

Ion Ratio Lower Upper

96 100

61 142.0 114.6 172.0

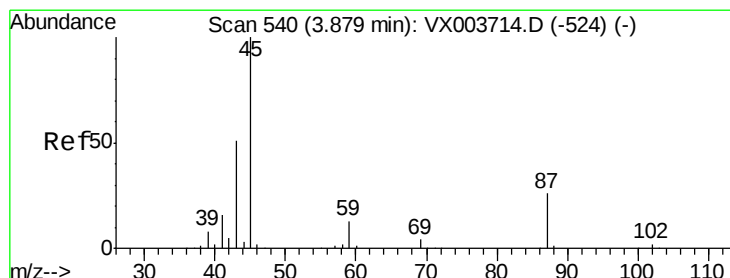
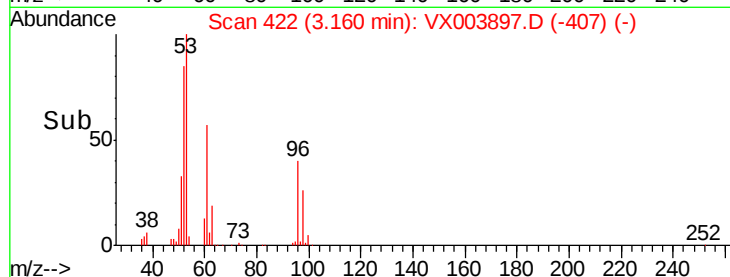
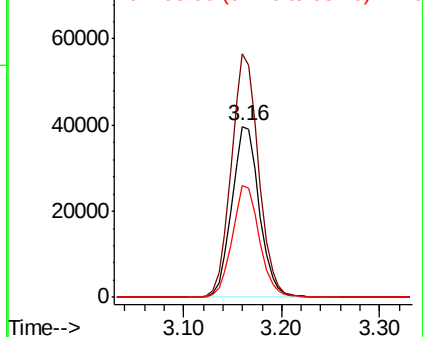
98 65.0 51.3 76.9



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



#20

Diisopropyl ether

Concen: 16.16 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Tgt Ion: 45 Resp: 246889

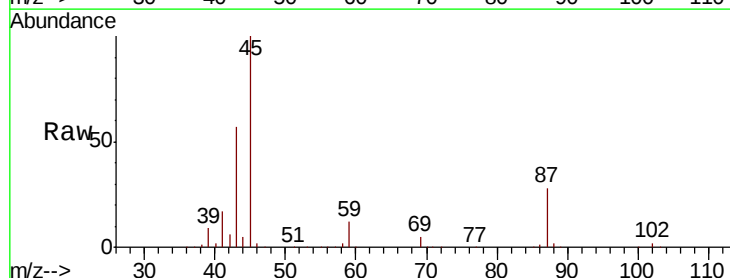
Ion Ratio Lower Upper

45 100

43 56.8 45.6 68.4

87 28.3 20.7 31.1

59 12.4 8.9 13.3

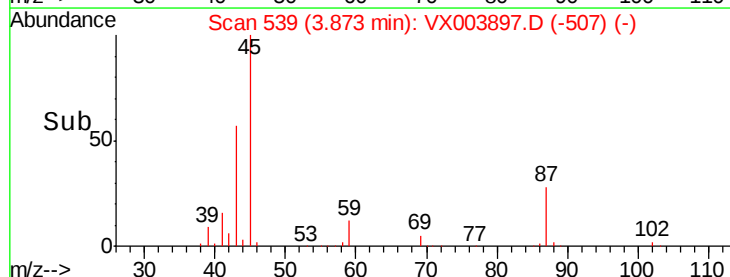
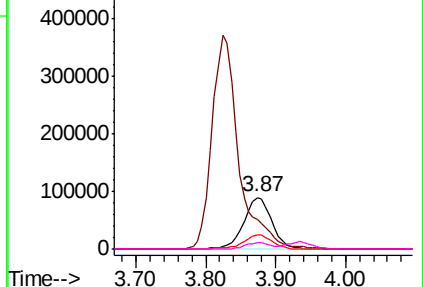


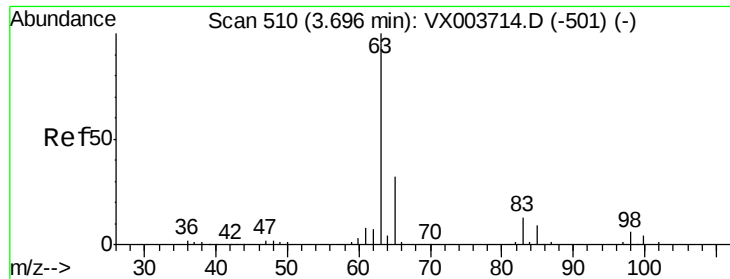
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

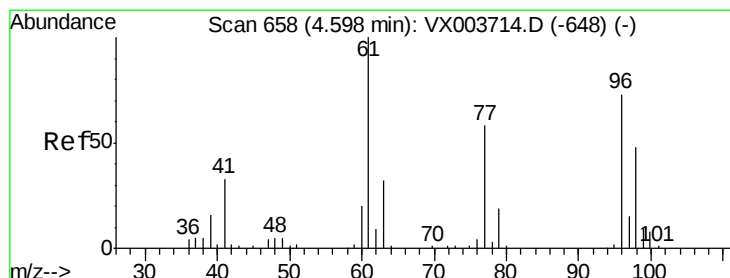
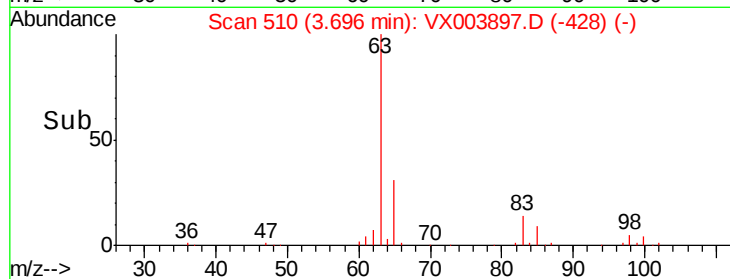
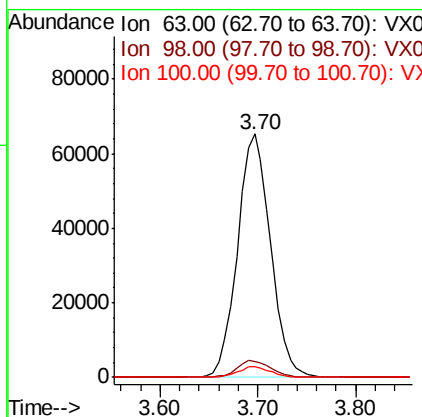
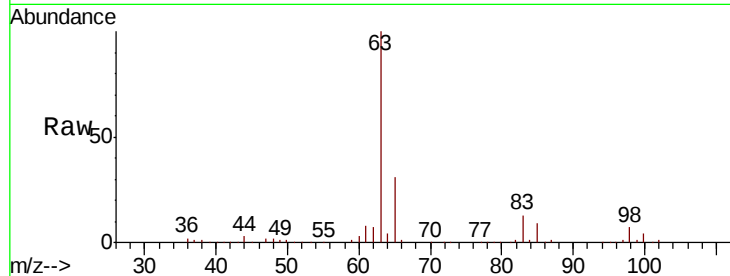




#21
1,1-Dichloroethane
Concen: 17.63 ug/l
RT: 3.70 min Scan# 510
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

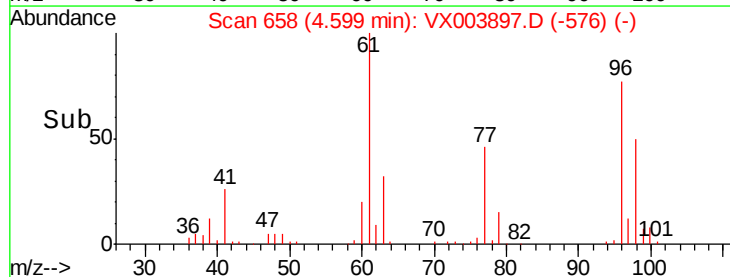
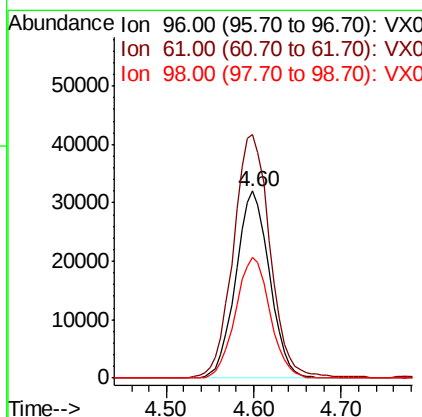
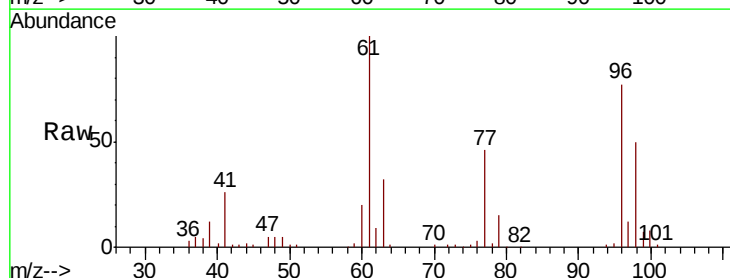
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

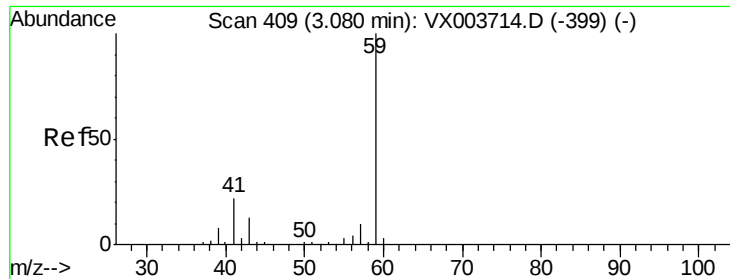
Tot Ion: 63 Resp: 152528
Ion Ratio Lower Upper
63 100
98 6.7 3.1 9.3
100 4.3 2.2 6.6



#22
cis-1,2-Dichloroethene
Concen: 19.62 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion: 96 Resp: 86098
Ion Ratio Lower Upper
96 100
61 141.4 160.2 240.2#
98 65.6 54.1 81.1





#23

tert-Butyl Alcohol

Concen: 89.70 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

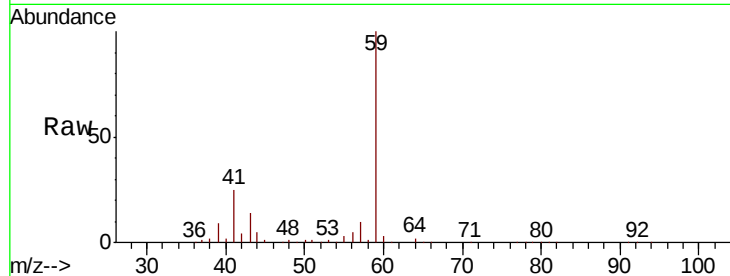
VX0807WBS02

Tot Ion: 59 Resp: 110438

Ion Ratio Lower Upper

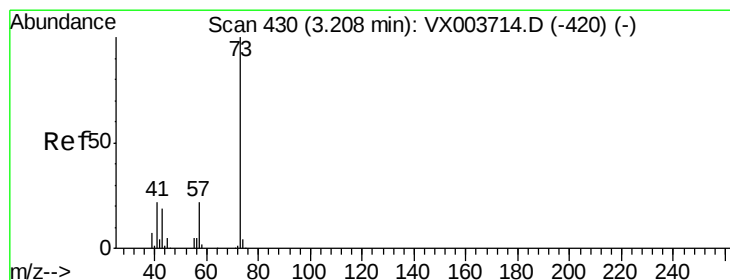
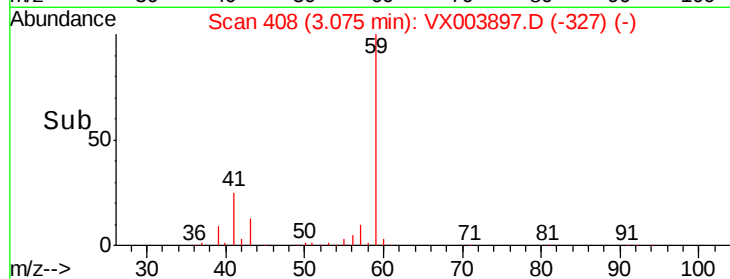
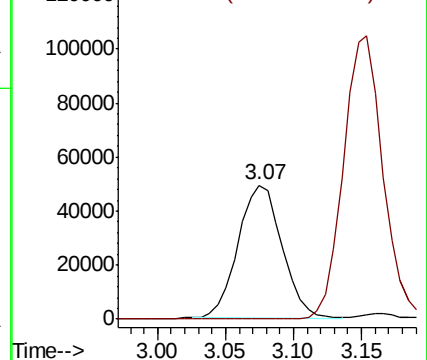
59 100

52 0.2 0.2 0.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 17.63 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX003897.D

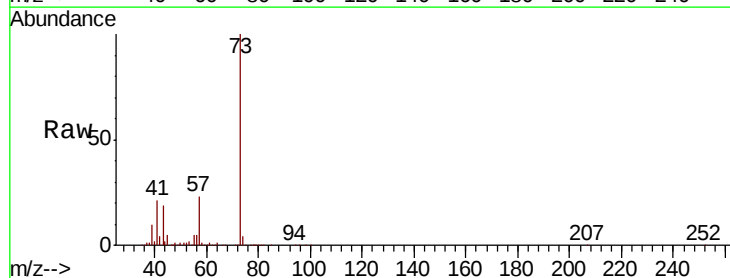
Acq: 07 Aug 2018 23:38

Tgt Ion: 73 Resp: 254179

Ion Ratio Lower Upper

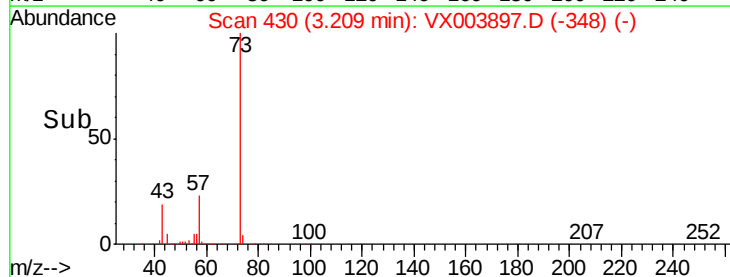
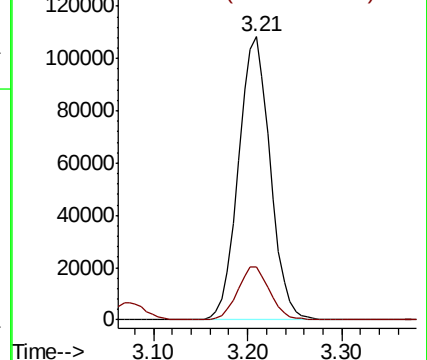
73 100

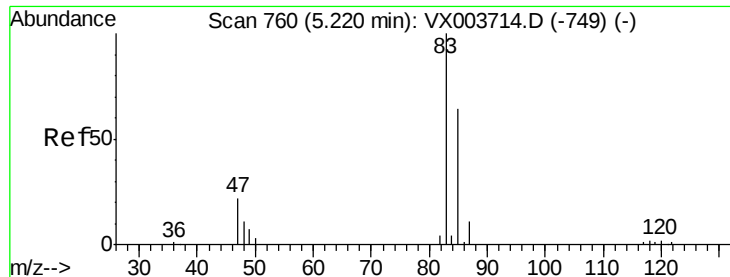
43 18.7 19.0 28.4#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 19.25 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

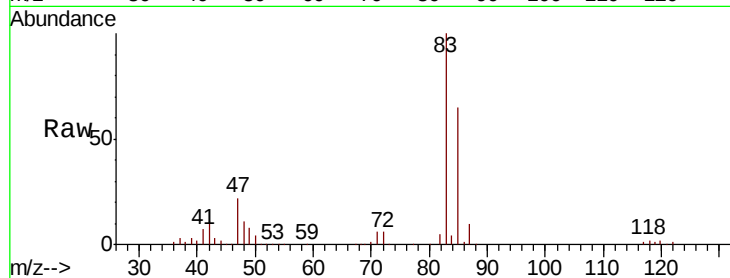
VX0807WBS02

Tot Ion: 83 Resp: 144199

Ion Ratio Lower Upper

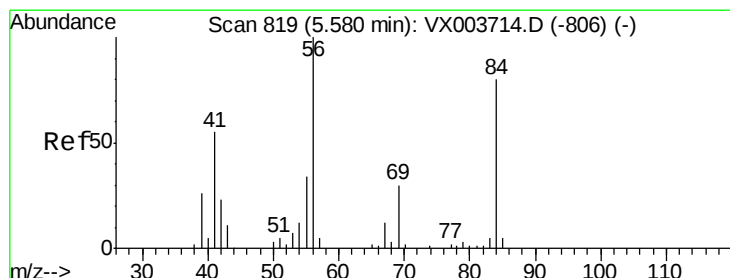
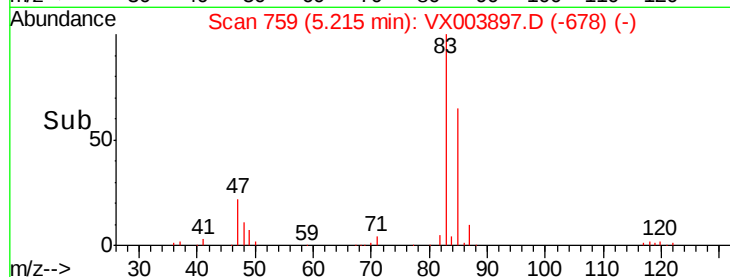
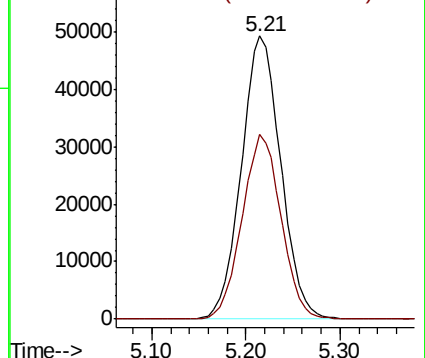
83 100

85 65.3 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 18.67 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

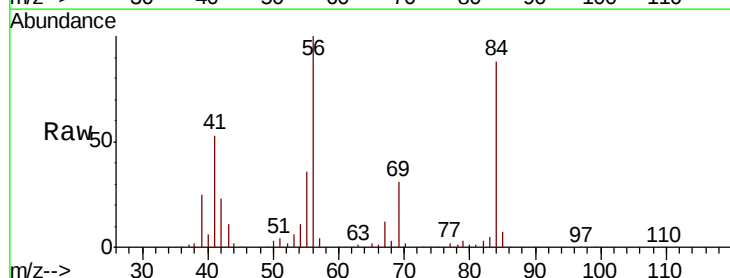
Tgt Ion: 56 Resp: 121348

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

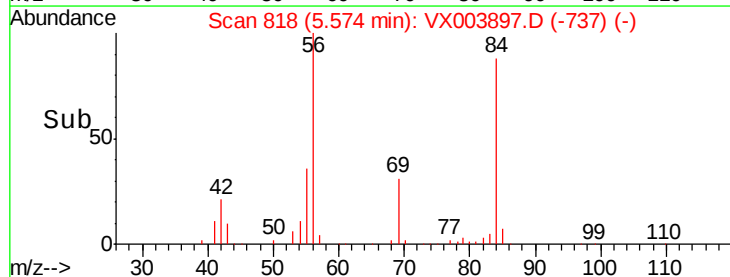
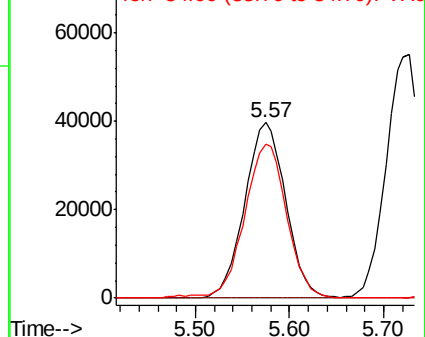
84 88.7 64.9 97.3

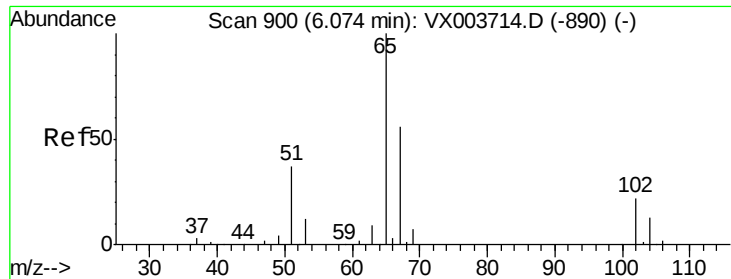


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 28.01 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

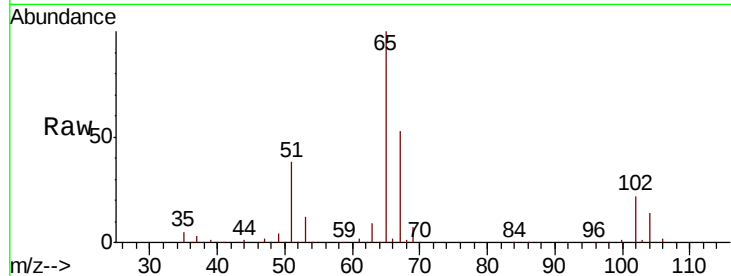
VX0807WBS02

Tot Ion: 65 Resp: 144197

Ion Ratio Lower Upper

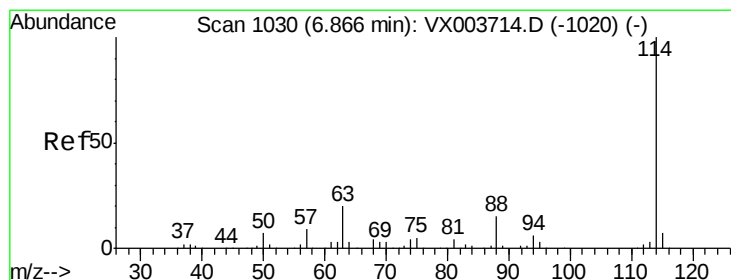
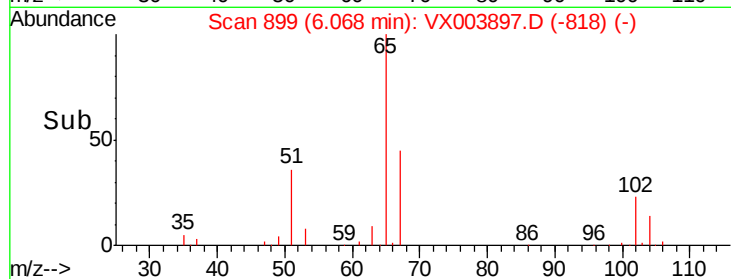
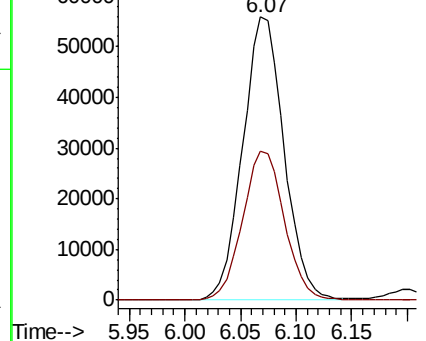
65 100

67 53.3 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

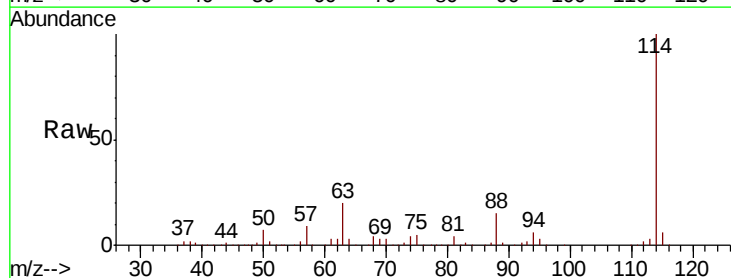
Tgt Ion: 114 Resp: 372499

Ion Ratio Lower Upper

114 100

63 20.0 17.1 25.7

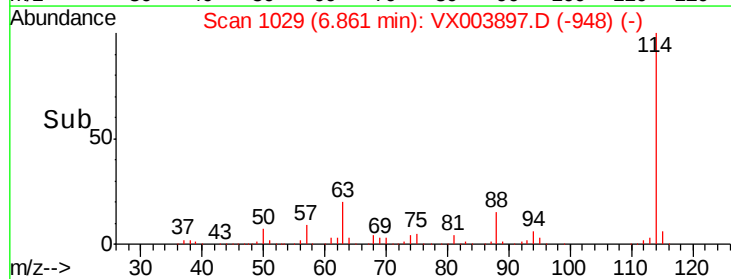
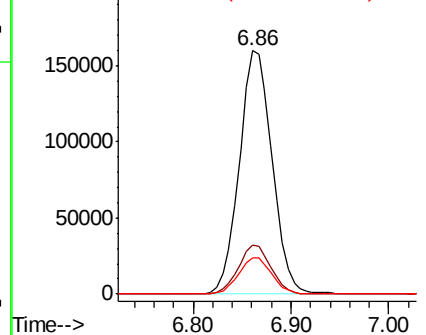
88 15.1 12.6 19.0

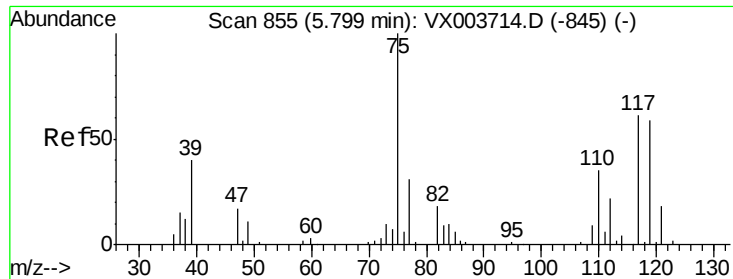


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

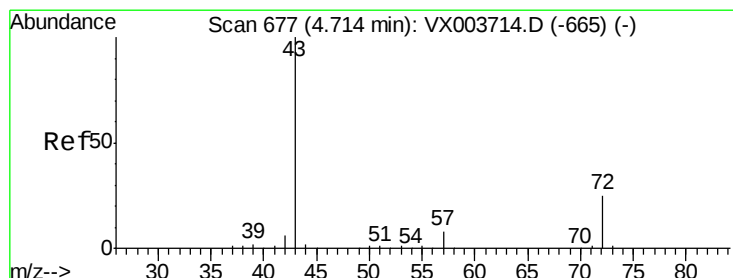
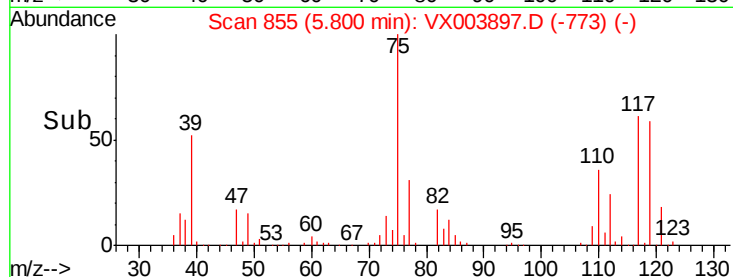
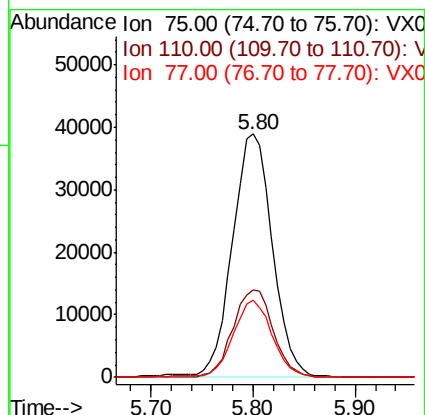
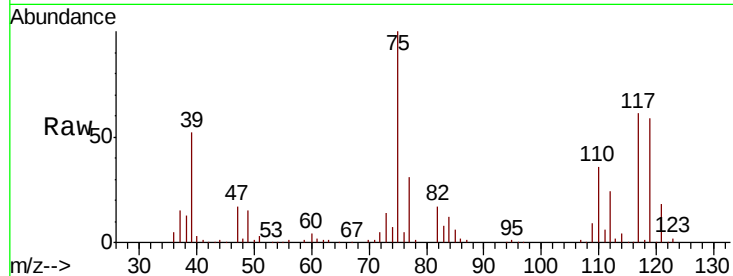




#29
 1,1-Dichloropropene
 Concen: 19.25 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

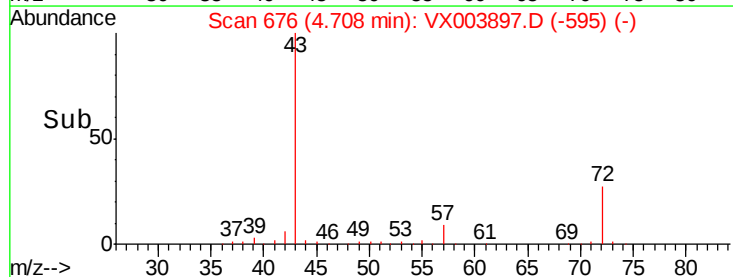
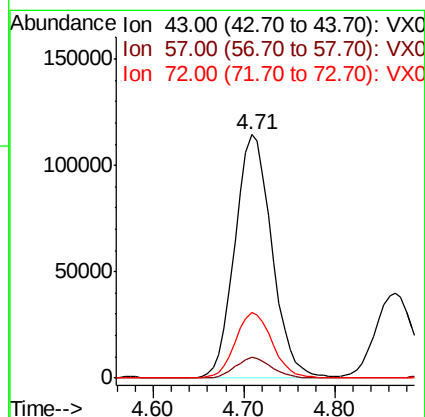
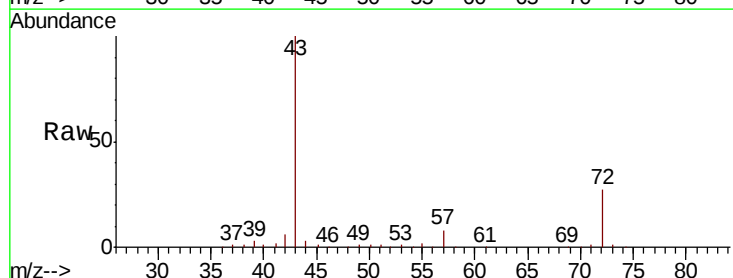
Instrument :
 MSVOA_X
 ClientSampled :
 VX0807WBS02

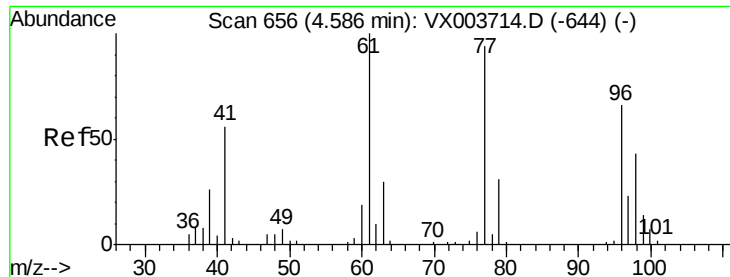
Tot Ion: 75 Resp: 105885
 Ion Ratio Lower Upper
 75 100
 110 36.4 0.0 71.4
 77 30.9 0.0 60.6



#30
 2-Butanone
 Concen: 92.03 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion: 43 Resp: 323277
 Ion Ratio Lower Upper
 43 100
 57 8.4 6.1 9.1
 72 27.1 18.1 27.1

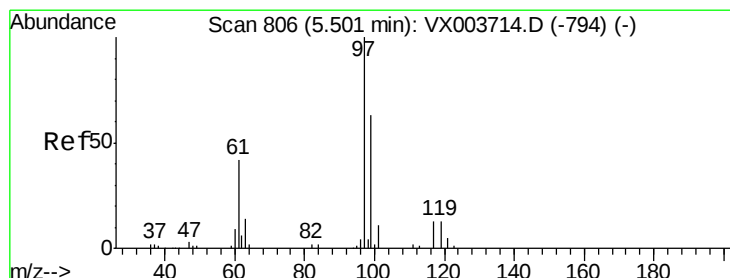
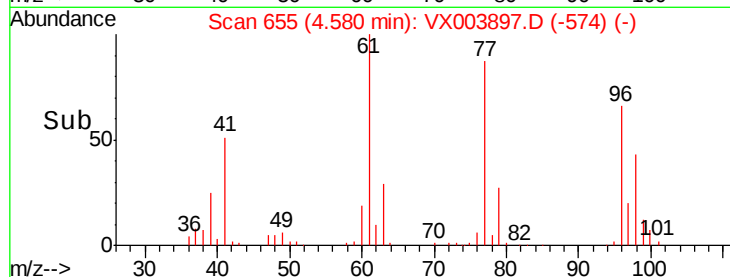
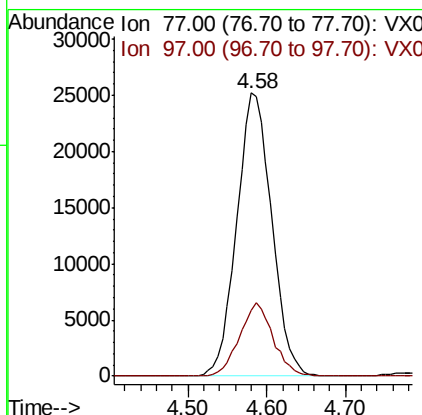
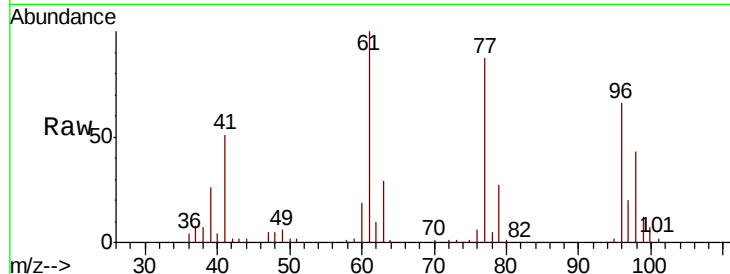




#31
 2,2-Dichloropropane
 Concen: 14.60 ug/l
 RT: 4.58 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

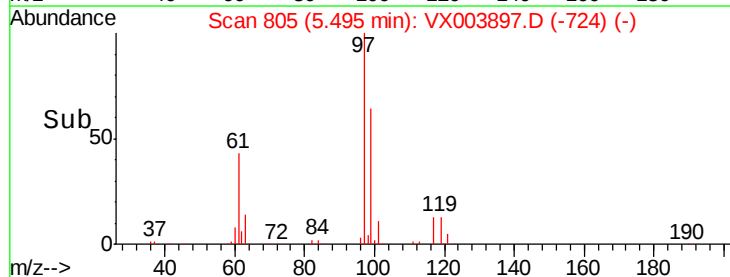
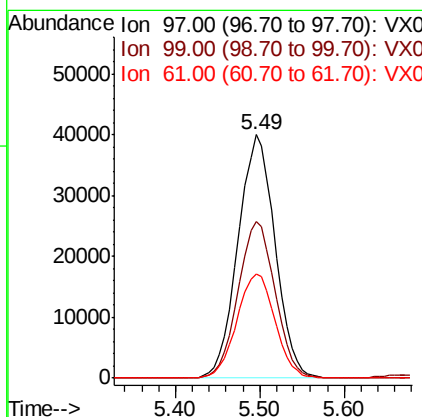
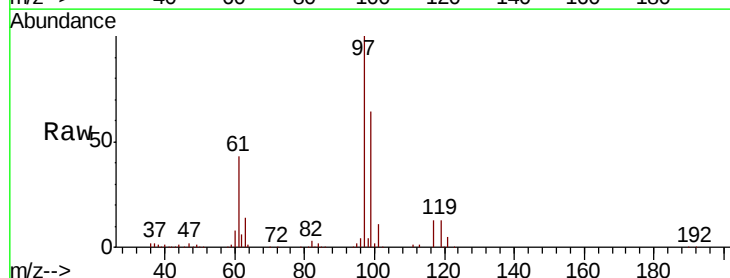
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

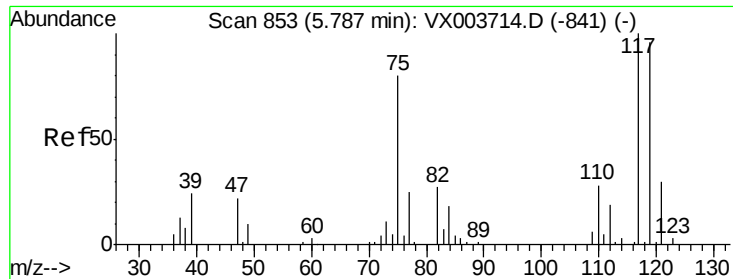
Tot Ion: 77 Resp: 77778
 Ion Ratio Lower Upper
 77 100
 97 24.7 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 19.02 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion: 97 Resp: 119682
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.7 77.5
 61 44.1 36.4 54.6

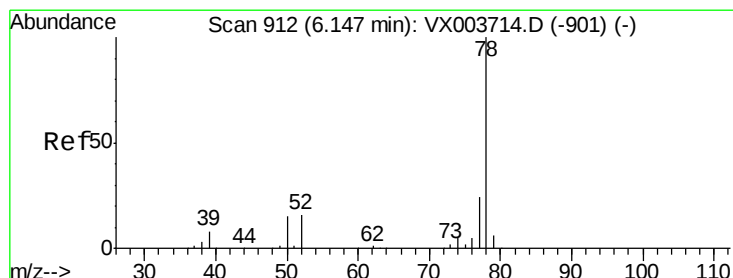
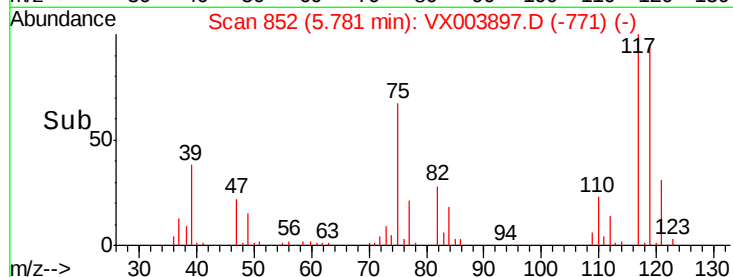
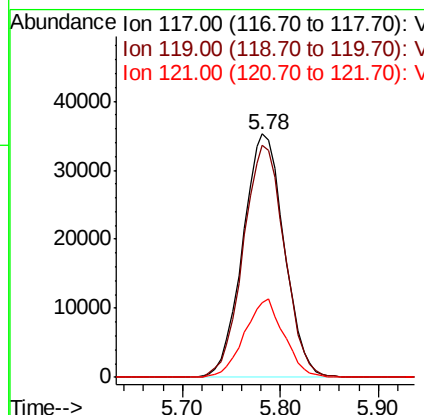
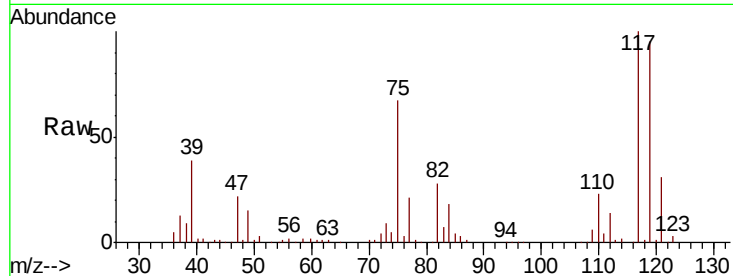




#33
Carbon Tetrachloride
Concen: 18.90 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

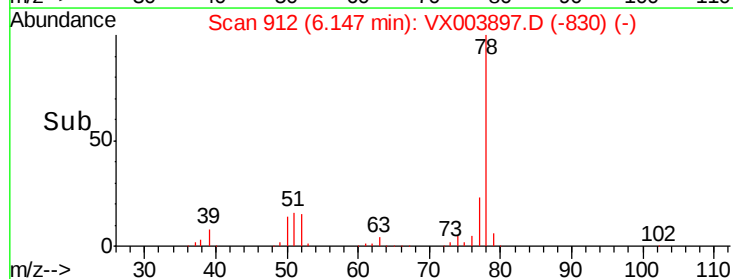
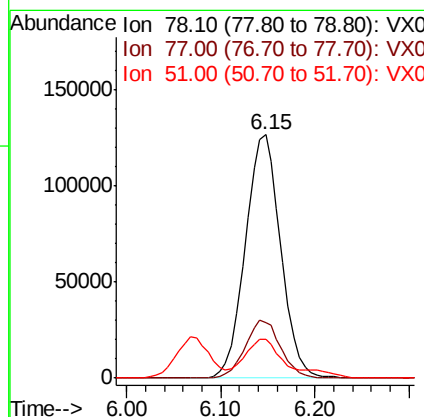
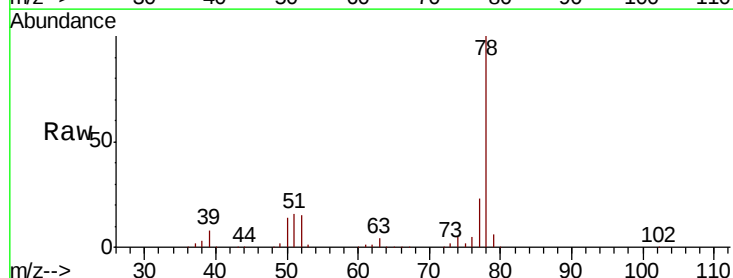
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

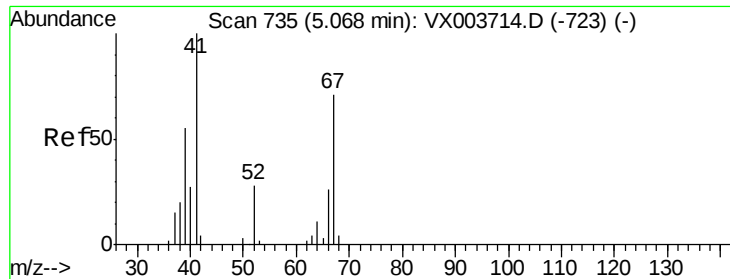
Tot Ion:117 Resp: 103350
Ion Ratio Lower Upper
117 100
119 95.2 73.3 109.9
121 30.7 23.6 35.4



#34
Benzene
Concen: 19.59 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion: 78 Resp: 331079
Ion Ratio Lower Upper
78 100
77 22.9 19.4 29.0
51 14.8 13.8 20.6

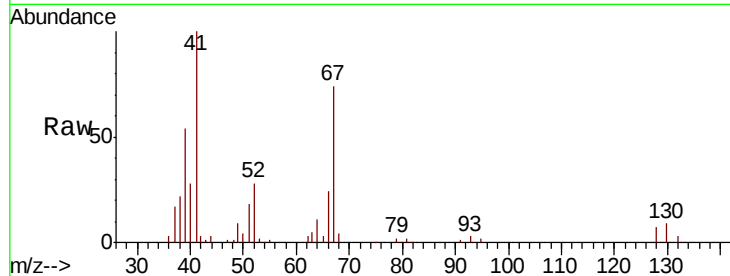




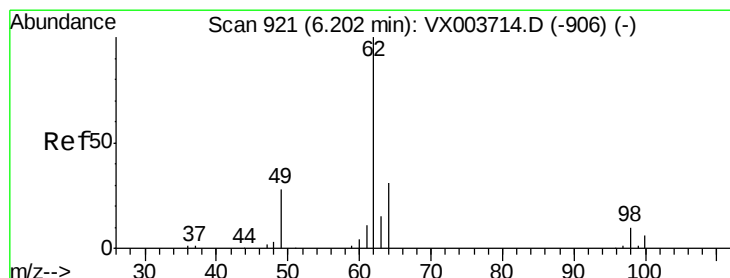
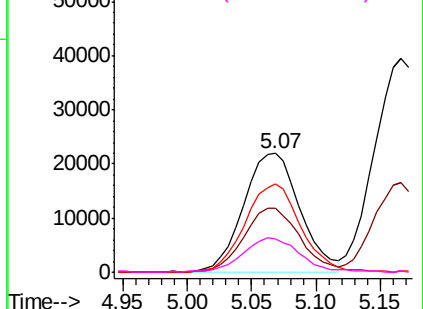
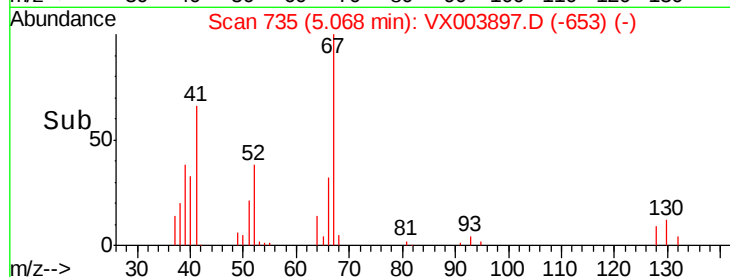
#35
Methacrylonitrile
Concen: 18.23 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

Tot Ion:	41	Resp:	66545
Ion	Ratio	Lower	Upper
41	100		
39	53.4	28.8	86.5
67	74.2	30.4	91.2
52	27.8	13.0	39.0

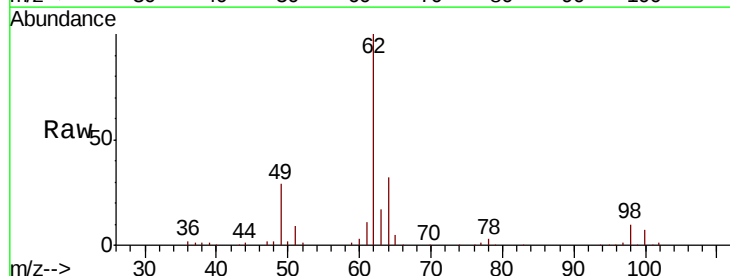


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

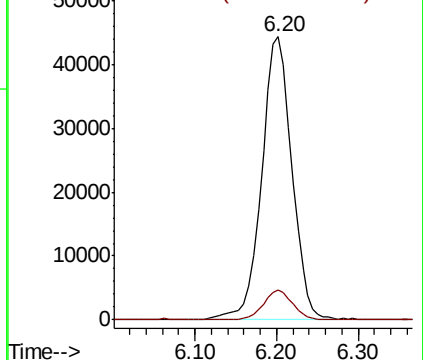
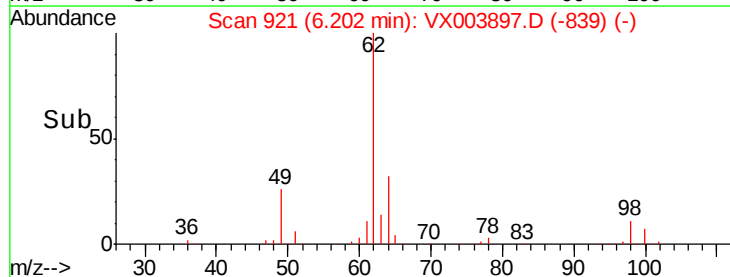


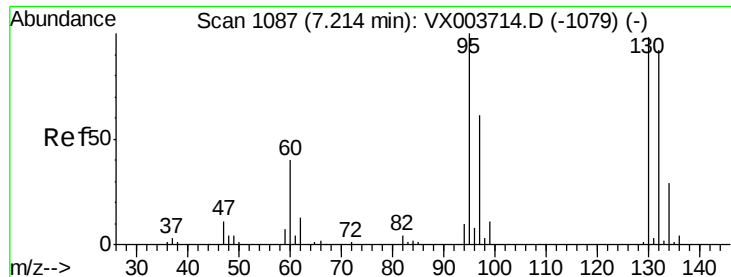
#36
1,2-Dichloroethane
Concen: 18.80 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion:	62	Resp:	114186
Ion	Ratio	Lower	Upper
62	100		
98	10.2	6.5	9.7#



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

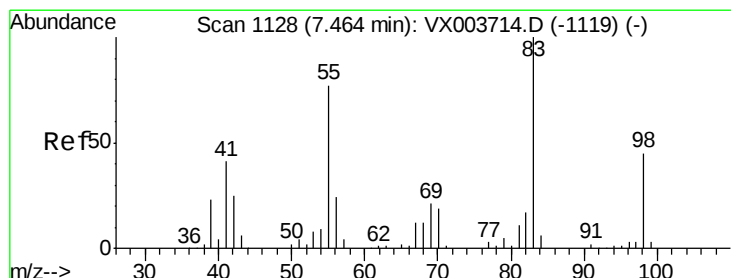
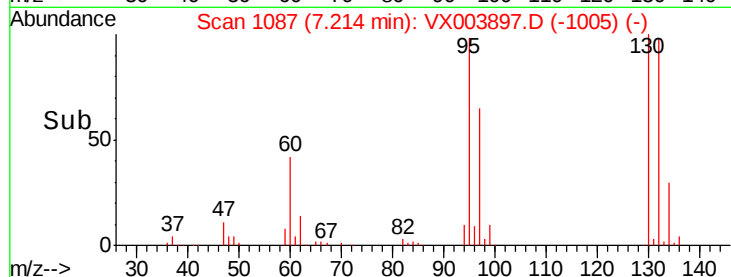
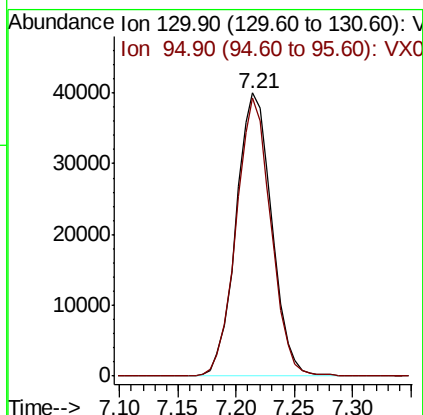
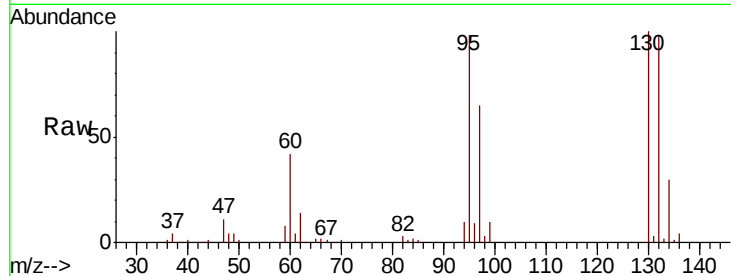




#37
 Trichloroethene
 Concen: 19.41 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

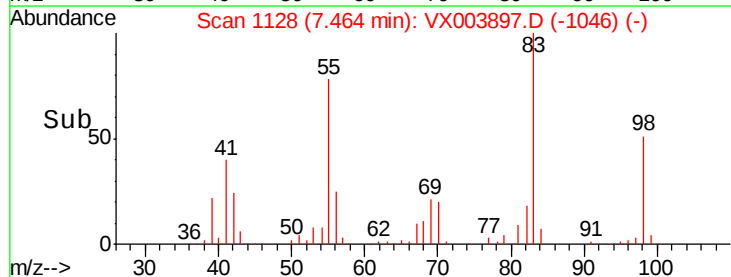
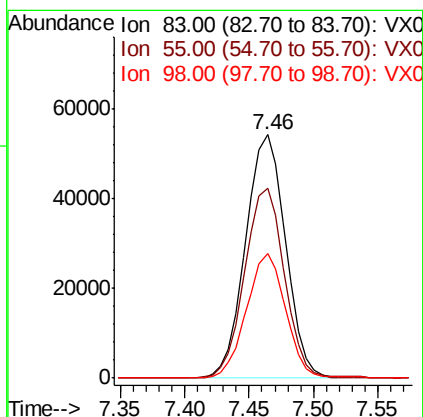
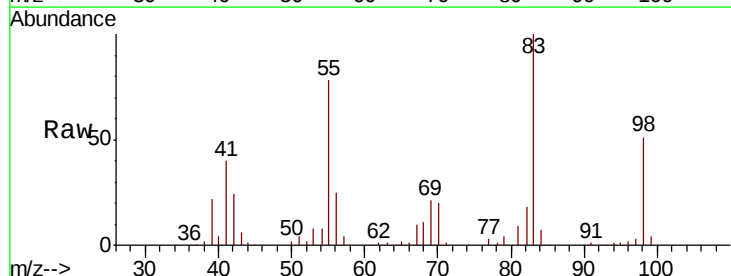
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

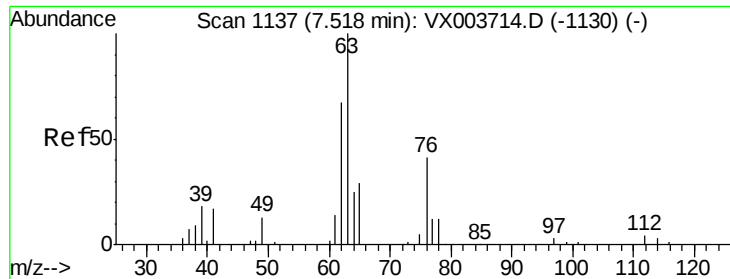
Tot Ion:130 Resp: 85489
 Ion Ratio Lower Upper
 130 100
 95 98.3 81.5 122.3



#38
 Methylcyclohexane
 Concen: 18.72 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion: 83 Resp: 116992
 Ion Ratio Lower Upper
 83 100
 55 77.4 40.6 121.8
 98 50.0 23.5 70.5

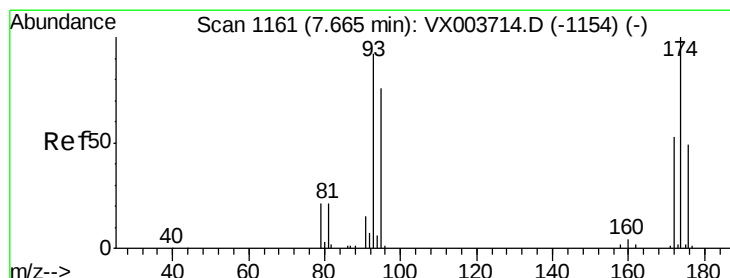
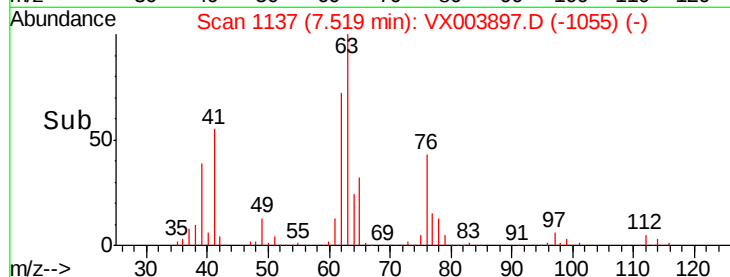
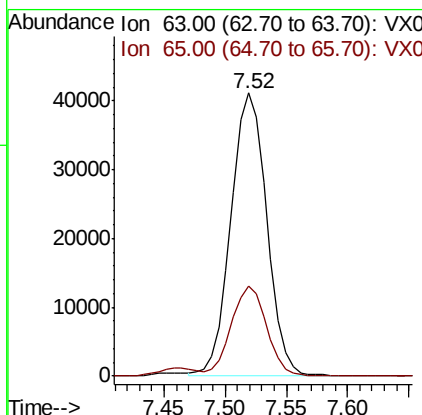
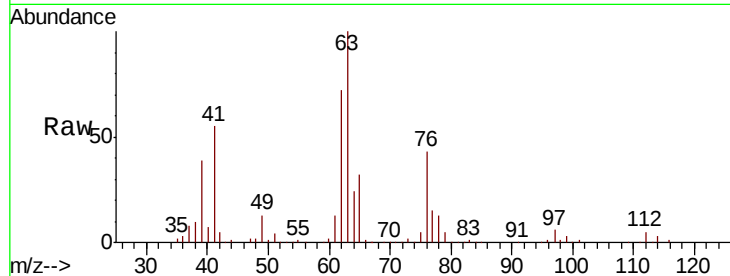




#39
 1,2-Dichloropropane
 Concen: 18.79 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

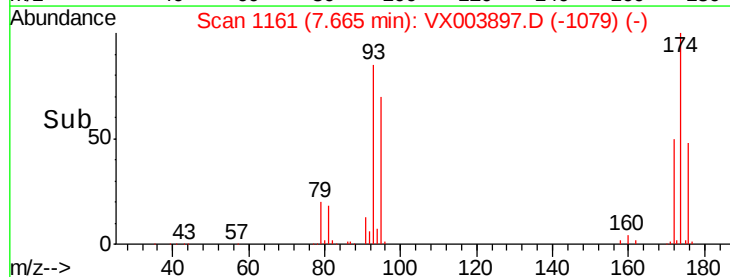
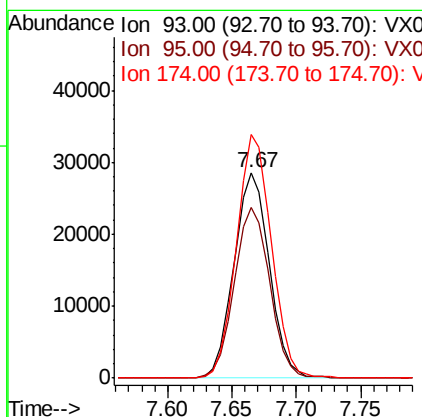
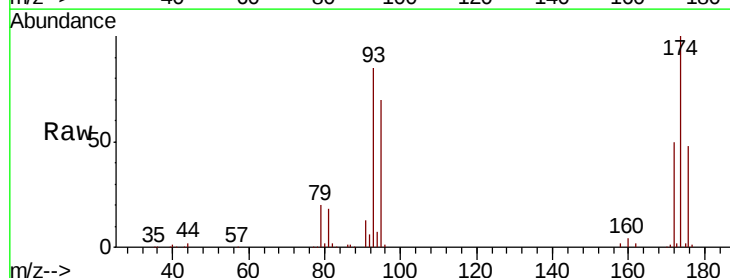
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

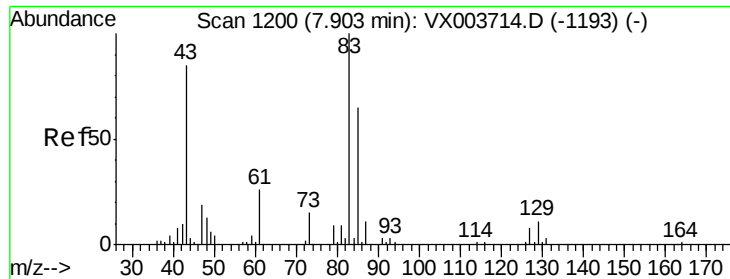
Tot Ion: 63 Resp: 83913
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.3 34.9



#40
 Dibromomethane
 Concen: 18.85 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion: 93 Resp: 54491
 Ion Ratio Lower Upper
 93 100
 95 83.5 0.0 162.6
 174 117.2 0.0 229.4





#41

Bromodichloromethane

Concen: 18.22 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS02

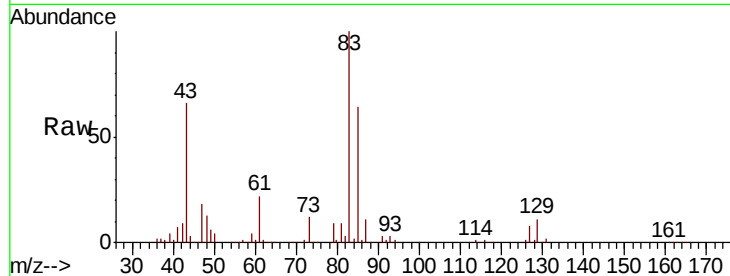
Tot Ion: 83 Resp: 100610

Ion Ratio Lower Upper

83 100

85 63.6 49.8 74.8

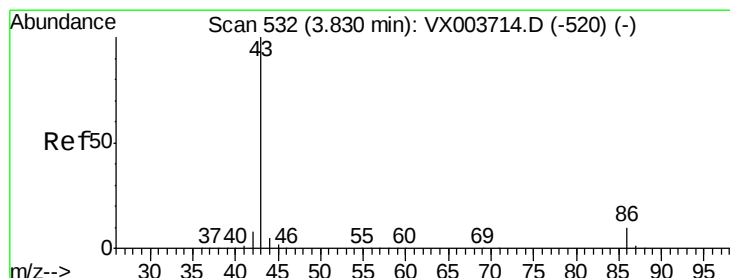
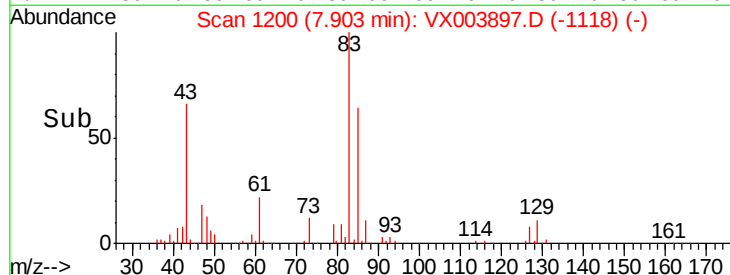
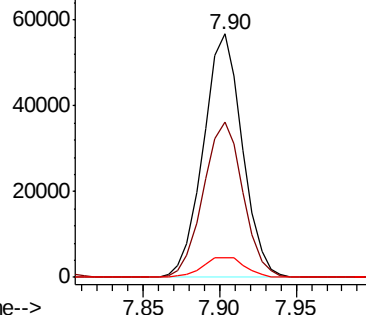
127 8.3 7.3 10.9



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: 73.32 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003897.D

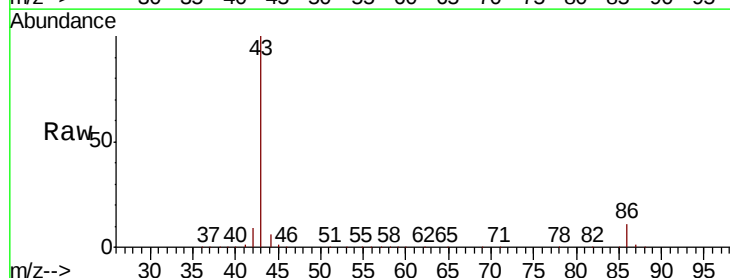
Acq: 07 Aug 2018 23:38

Tgt Ion: 43 Resp: 989659

Ion Ratio Lower Upper

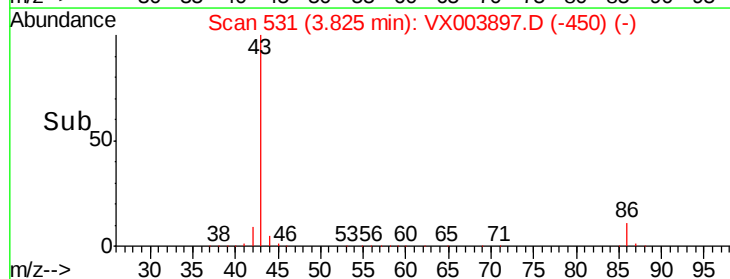
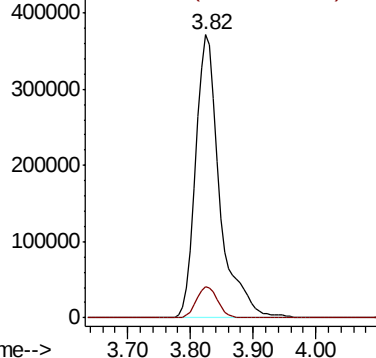
43 100

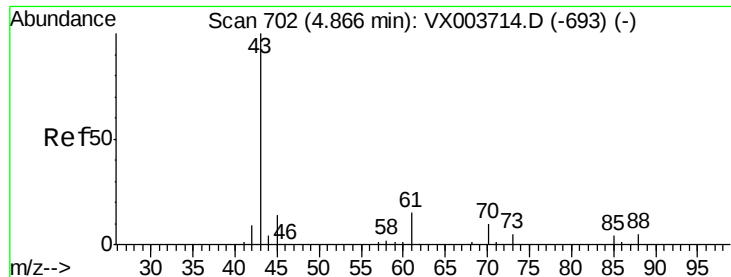
86 9.7 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 17.77 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

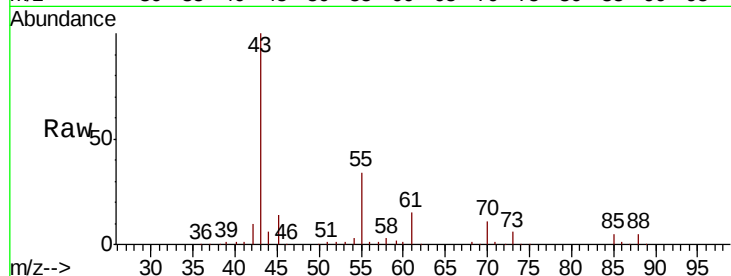
VX0807WBS02

Tot Ion: 43 Resp: 116576

Ion Ratio Lower Upper

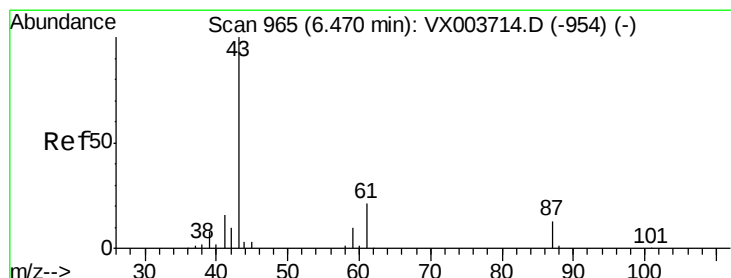
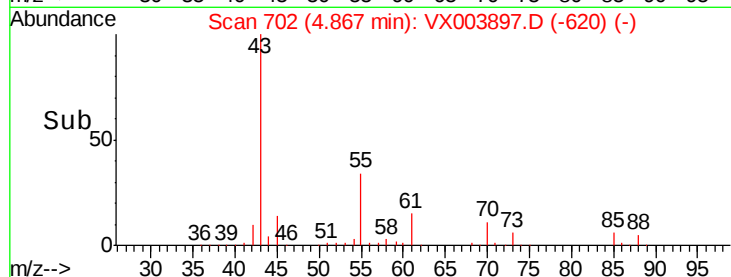
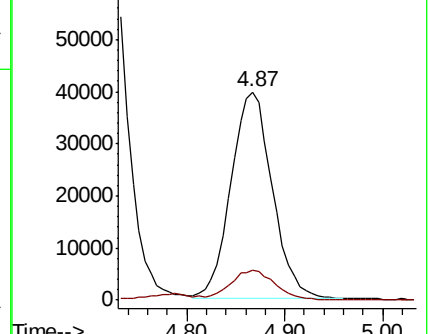
43 100

45 15.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 17.58 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003897.D

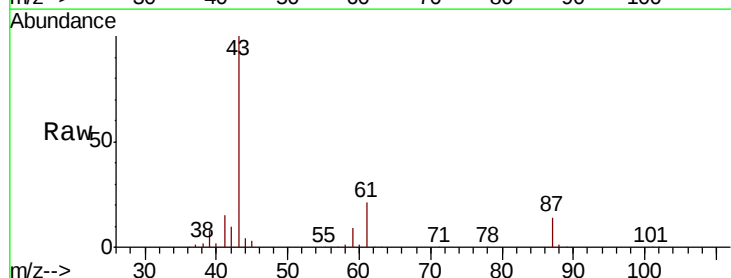
Acq: 07 Aug 2018 23:38

Tgt Ion: 43 Resp: 176899

Ion Ratio Lower Upper

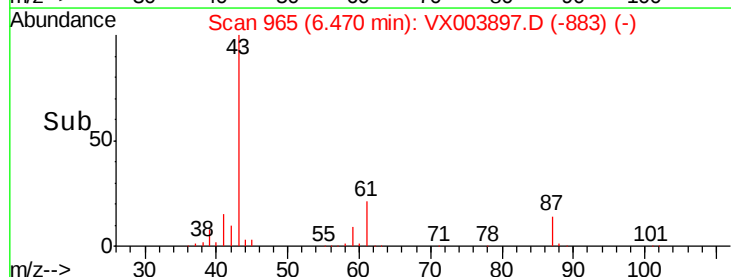
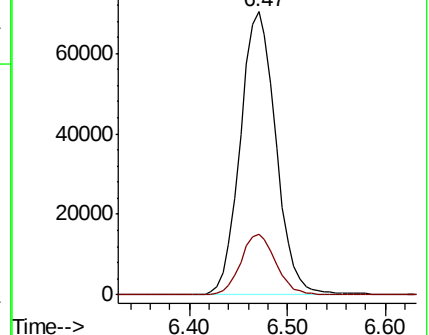
43 100

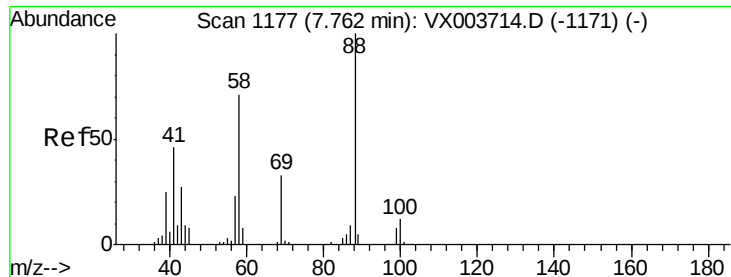
61 21.1 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

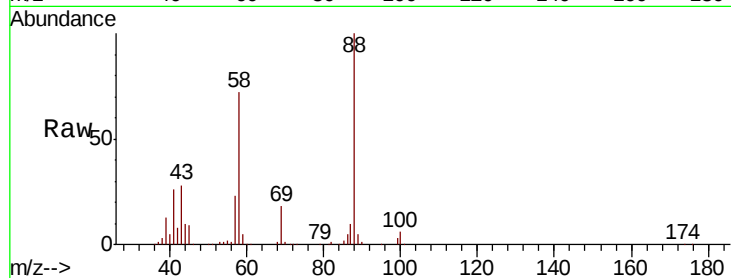




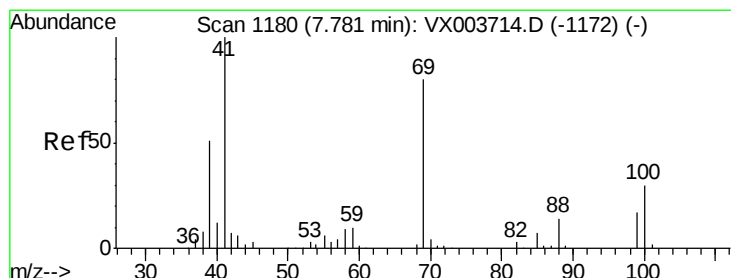
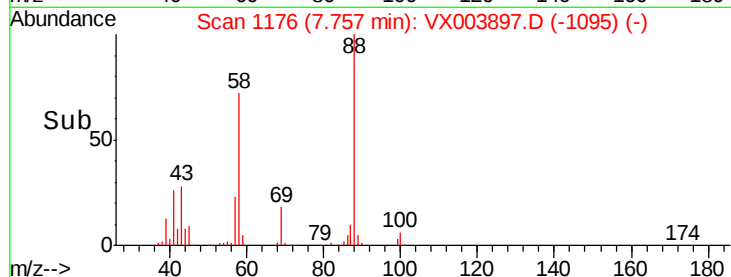
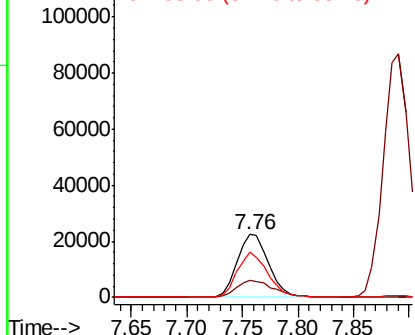
#45
 1,4-Dioxane
 Concen: 395.32 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

Tot Ion: 88 Resp: 44184
 Ion Ratio Lower Upper
 88 100
 43 30.8 43.2 64.8#
 58 70.4 60.2 90.2

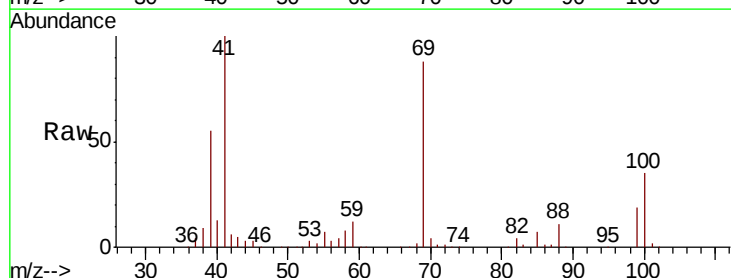


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

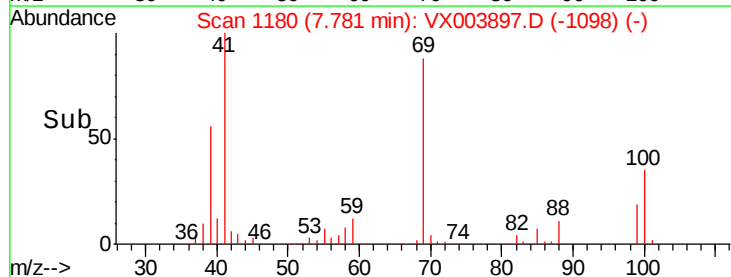
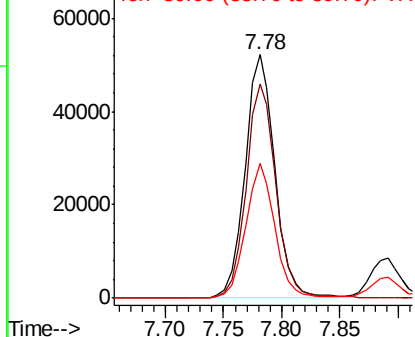


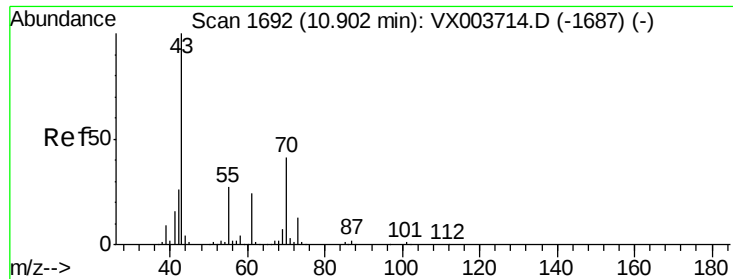
#46
 Methyl methacrylate
 Concen: 17.82 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion: 41 Resp: 92503
 Ion Ratio Lower Upper
 41 100
 69 88.0 37.0 110.9
 39 55.5 29.6 88.9



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: 15.55 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

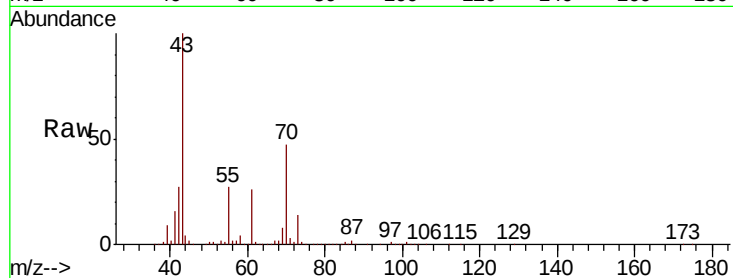
VX0807WBS02

Tot Ion: 43 Resp: 147758

Ion Ratio Lower Upper

43 100

55 27.7 0.1 0.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.90

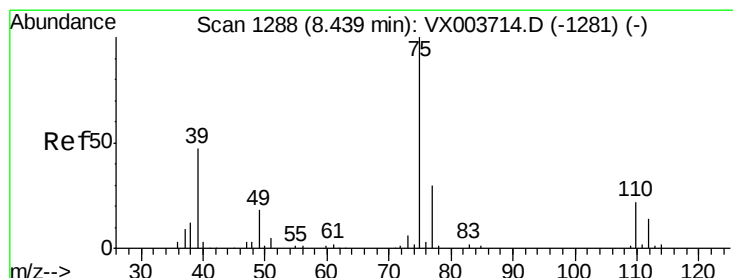
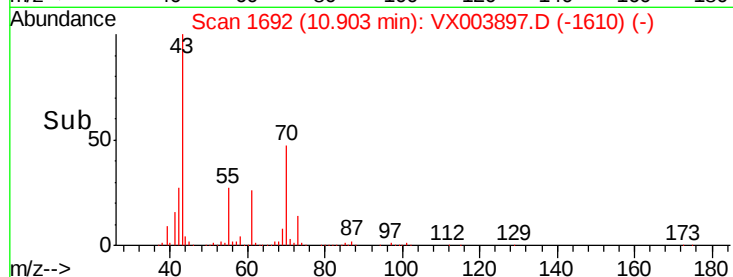
150000

100000

50000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 17.52 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003897.D

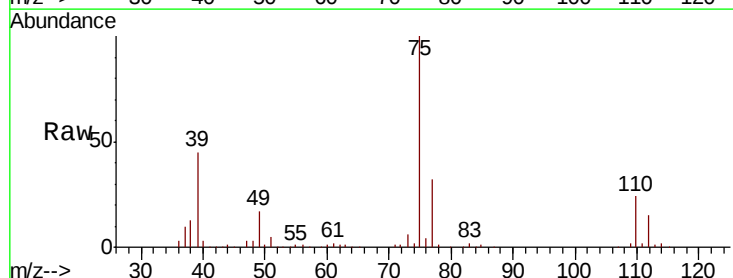
Acq: 07 Aug 2018 23:38

Tgt Ion: 75 Resp: 117382

Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

8.44

80000

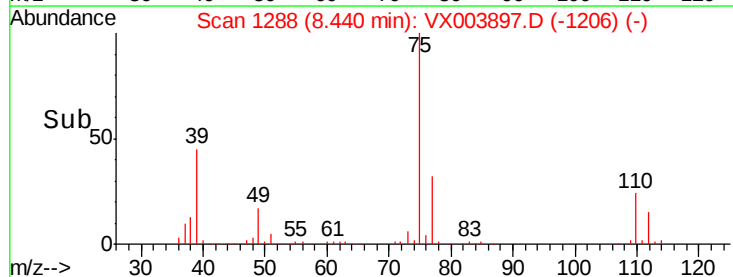
60000

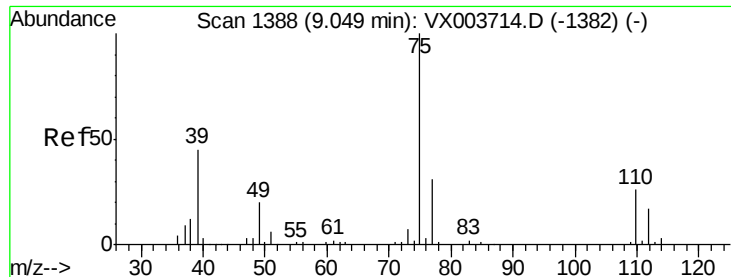
40000

20000

0

Time-->

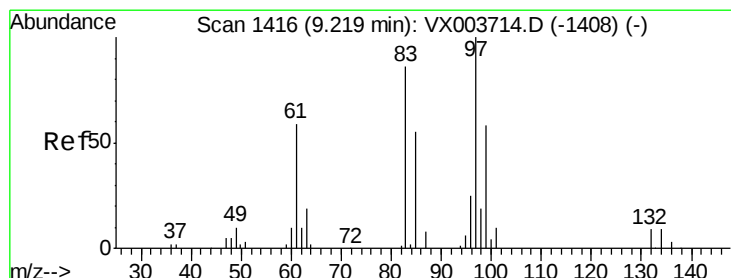
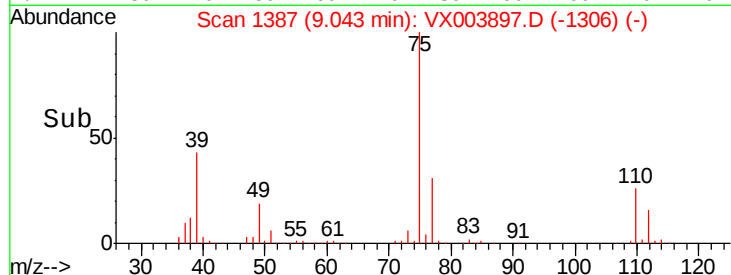
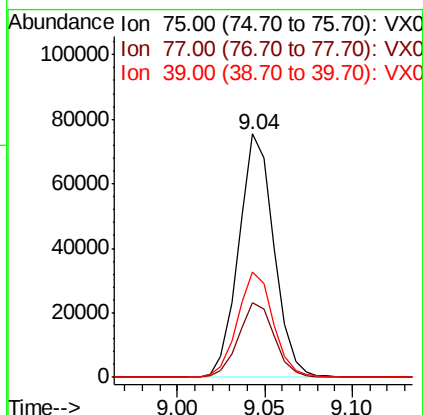
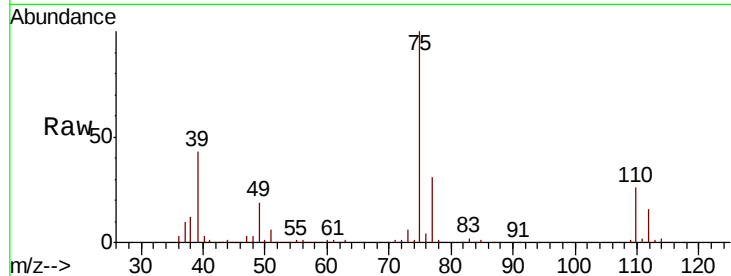




#49
 cis-1,3-Dichloropropene
 Concen: 16.80 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

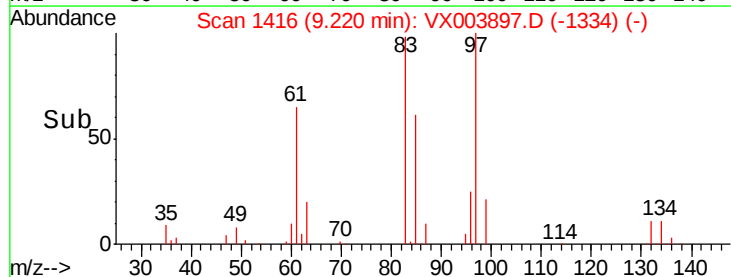
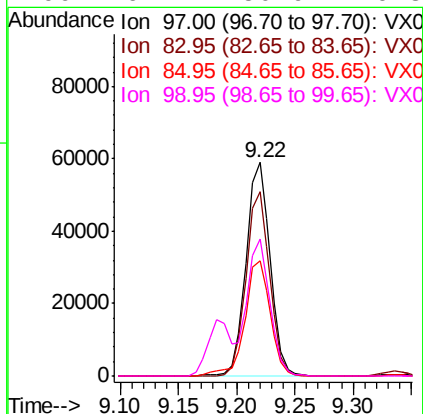
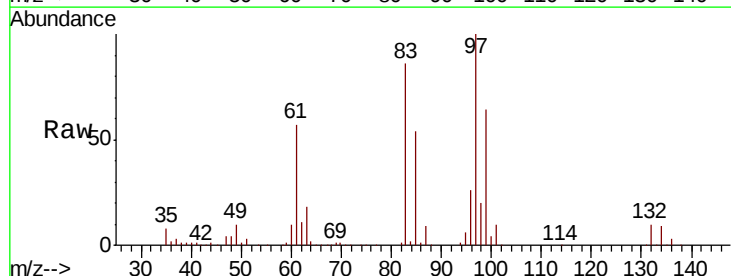
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

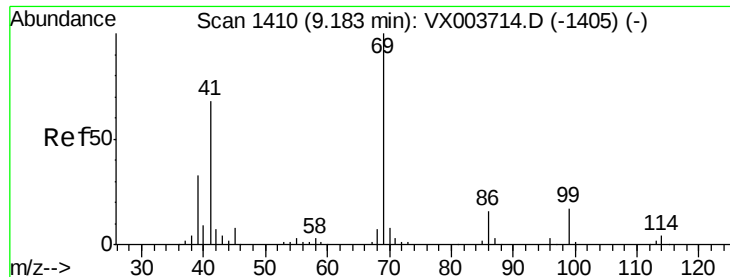
Tot Ion: 75 Resp: 105594
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.2
 39 43.3 42.3 63.5



#50
 1,1,2-Trichloroethane
 Concen: 18.61 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion: 97 Resp: 85385
 Ion Ratio Lower Upper
 97 100
 83 86.0 70.8 106.2
 85 54.0 43.5 65.3
 99 64.2 50.9 76.3





#51

Ethyl methacrylate

Concen: 16.85 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS02

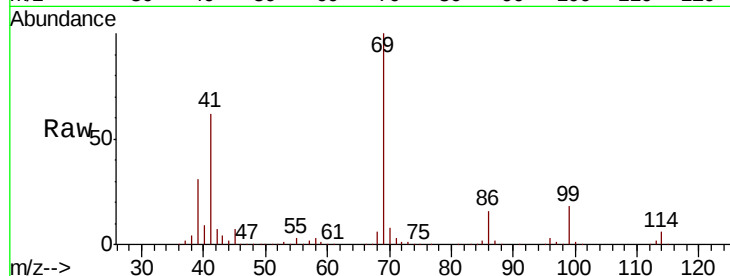
Tot Ion: 69 Resp: 116374

Ion Ratio Lower Upper

69 100

41 62.0 39.1 117.3

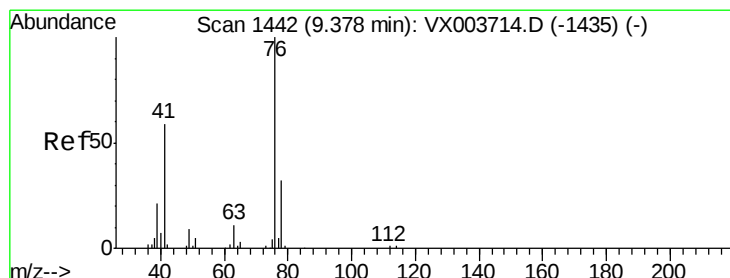
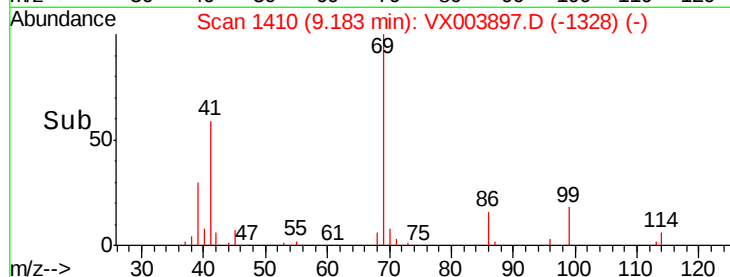
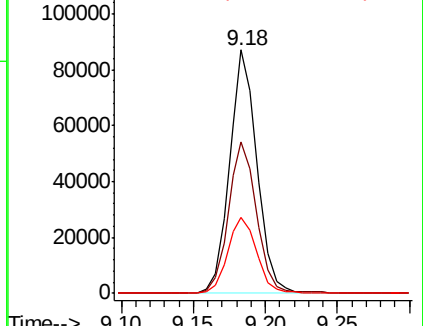
39 31.2 21.7 65.1



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: 18.85 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX003897.D

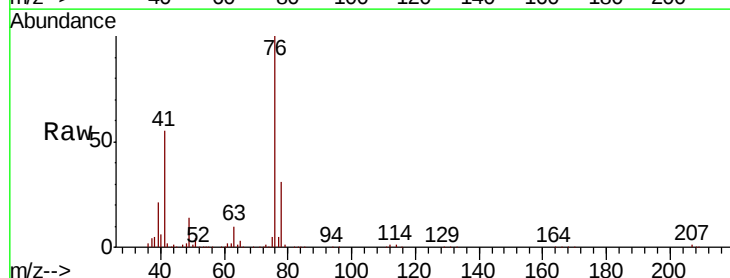
Acq: 07 Aug 2018 23:38

Tgt Ion: 76 Resp: 143921

Ion Ratio Lower Upper

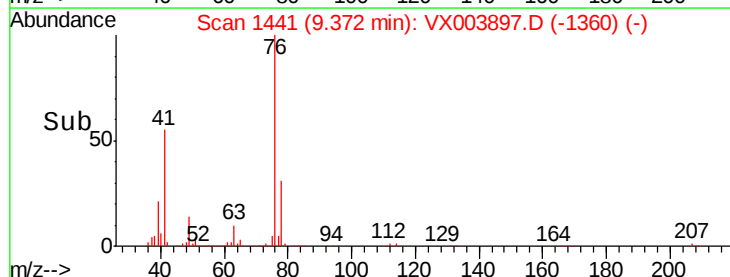
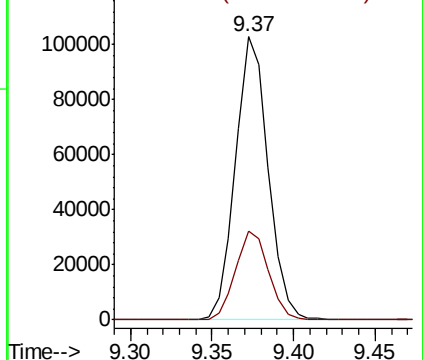
76 100

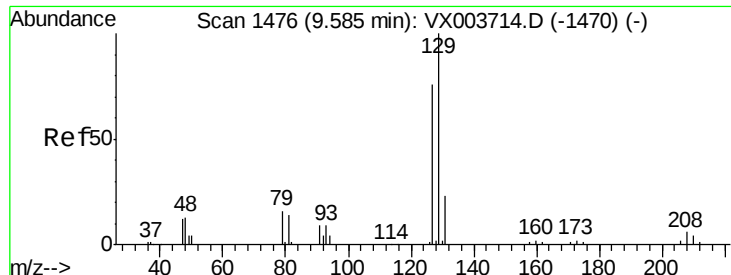
78 32.0 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

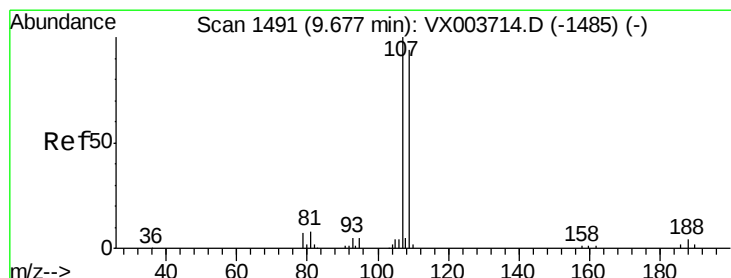
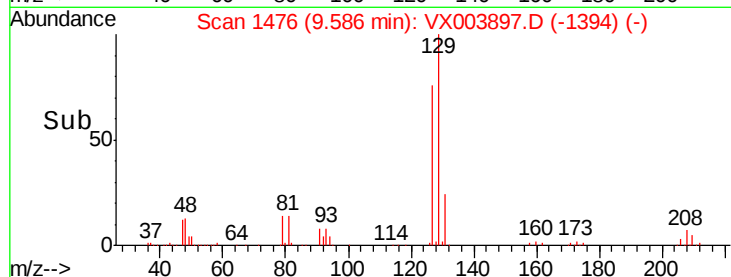
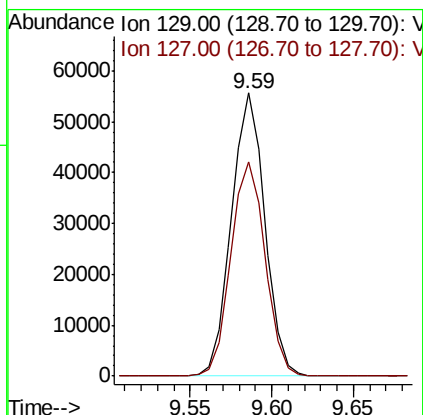
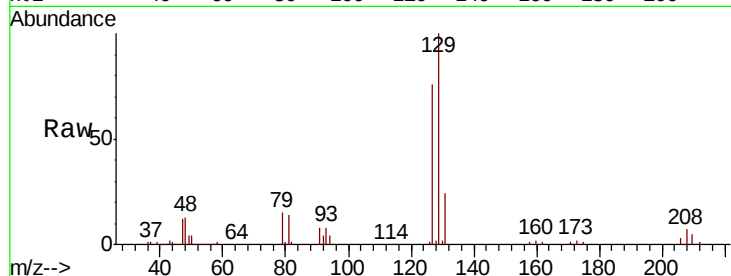




#53
 Dibromochloromethane
 Concen: 17.62 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

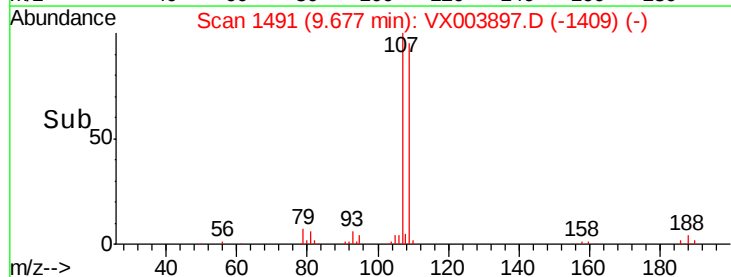
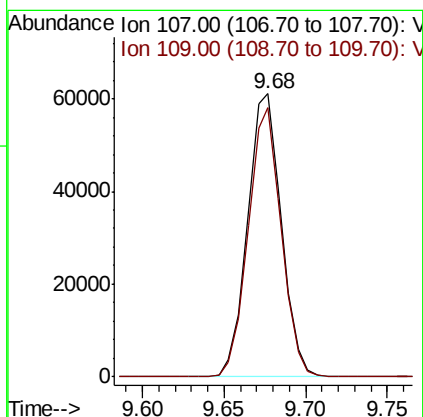
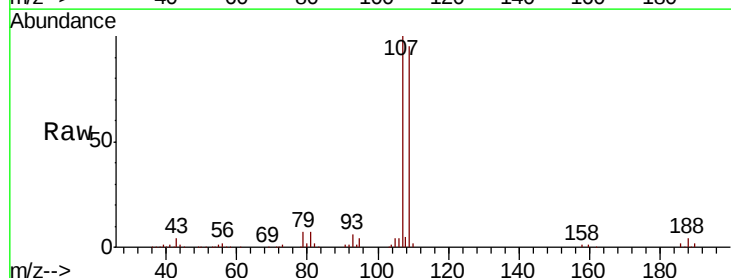
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

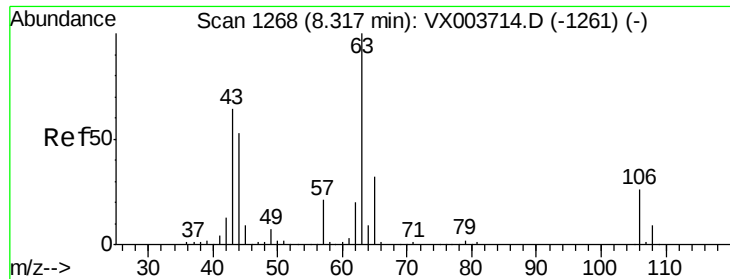
Tot Ion:129 Resp: 79411
 Ion Ratio Lower Upper
 129 100
 127 77.3 38.5 115.3



#54
 1,2-Dibromoethane
 Concen: 18.33 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion:107 Resp: 87957
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.5 113.3

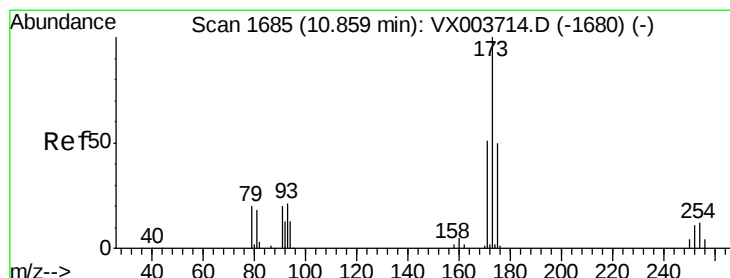
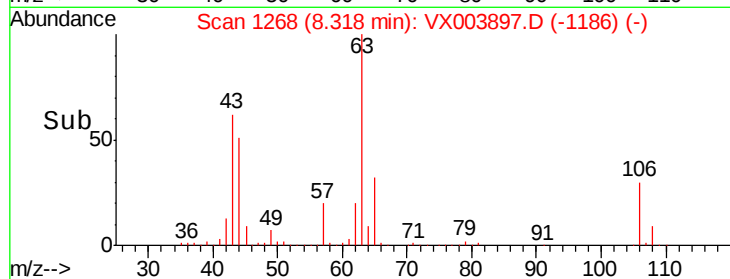
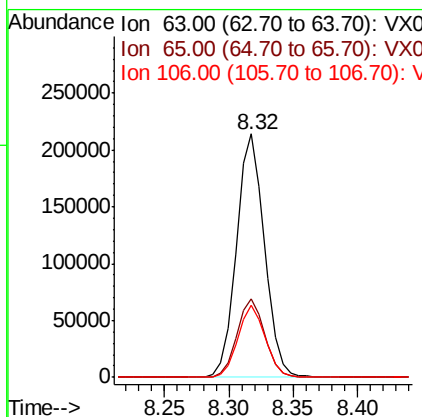
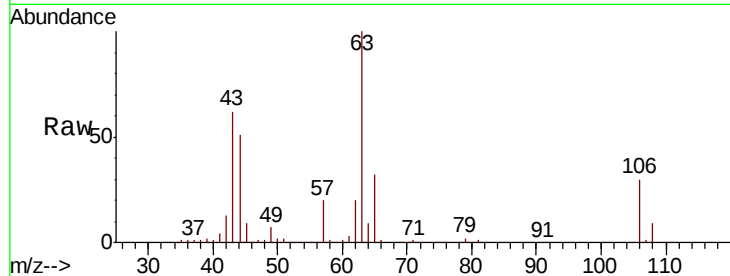




#55
 2-Chloroethyl vinyl ether
 Concen: 90.27 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

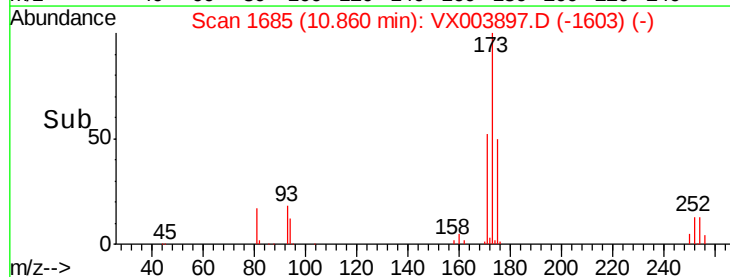
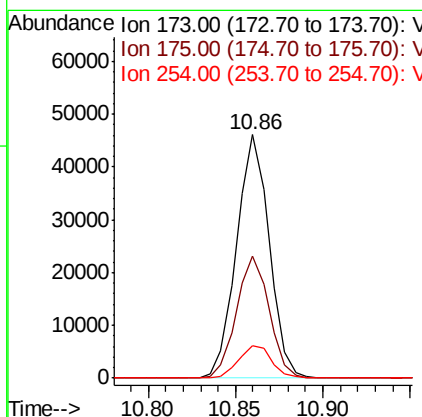
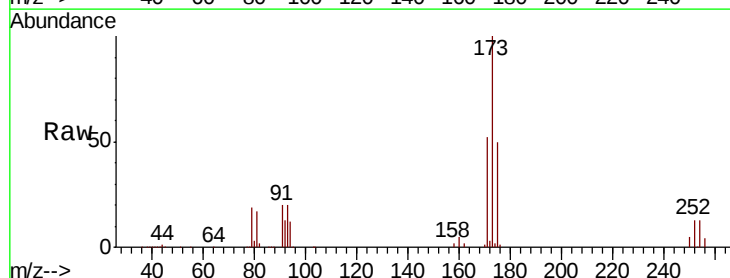
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

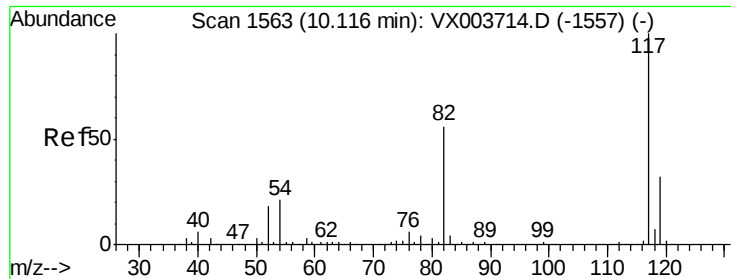
Tot Ion: 63 Resp: 321666
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.6 38.4
 106 29.1 21.6 32.4



#56
 Bromoform
 Concen: 17.17 ug/l
 RT: 10.86 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion: 173 Resp: 60039
 Ion Ratio Lower Upper
 173 100
 175 50.0 39.0 58.4
 254 13.4 9.6 14.4

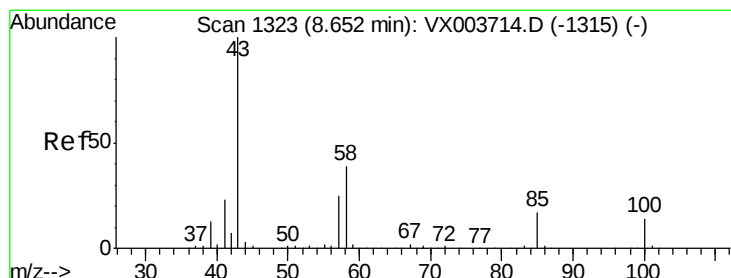
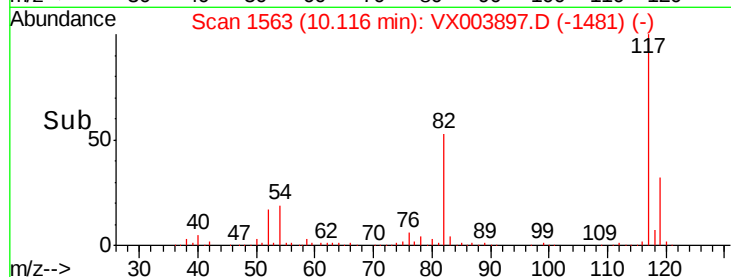
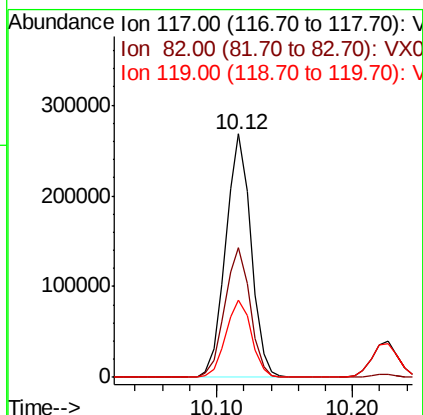
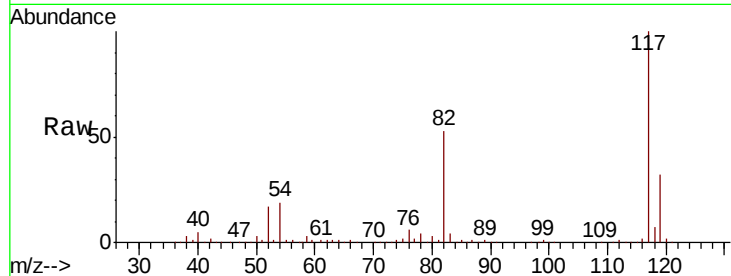




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

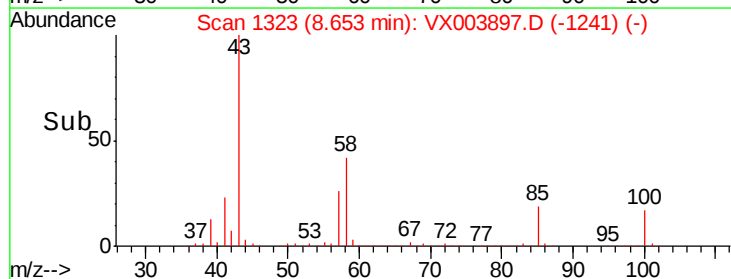
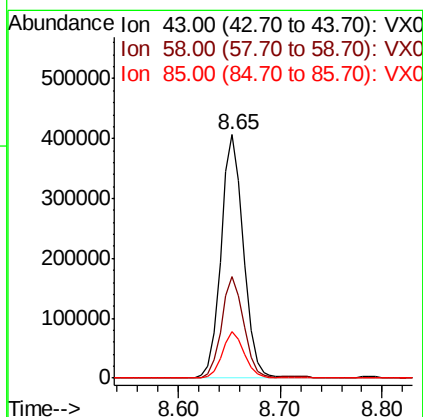
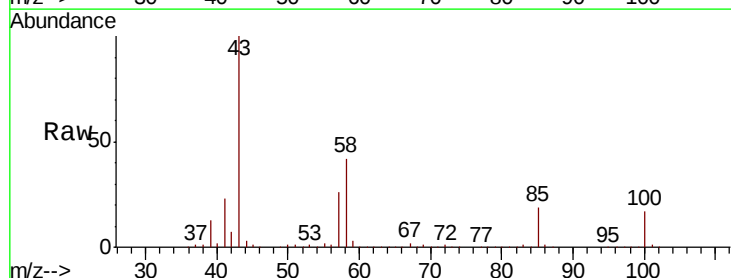
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

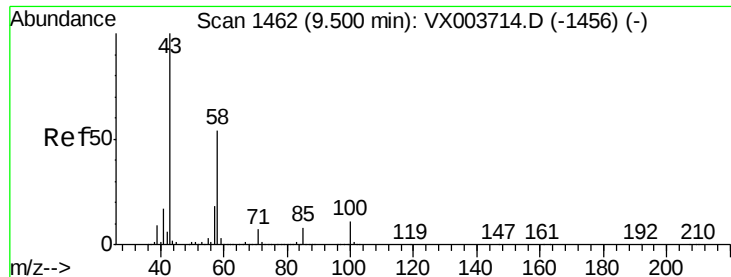
Tot Ion:117 Resp: 346346
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 32.0 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 95.16 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion: 43 Resp: 622307
Ion Ratio Lower Upper
43 100
58 41.1 28.2 42.4
85 18.6 12.4 18.6

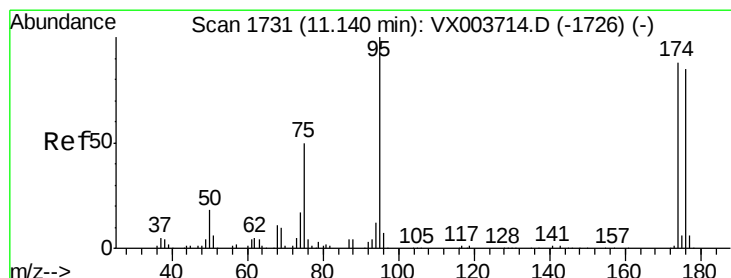
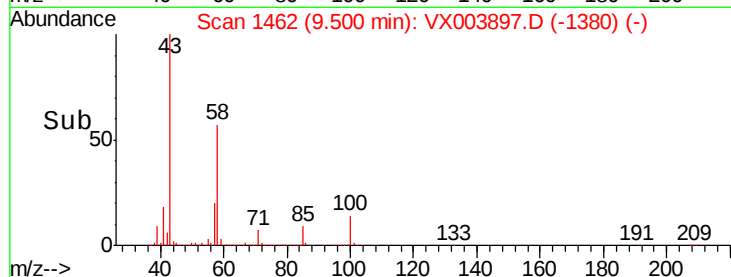
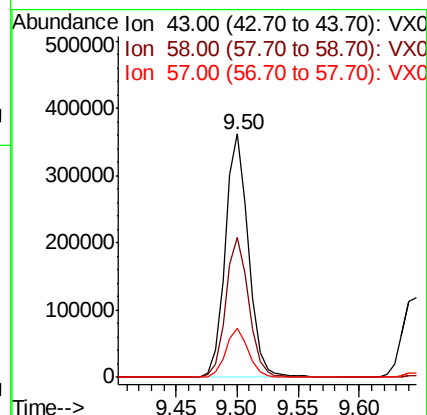
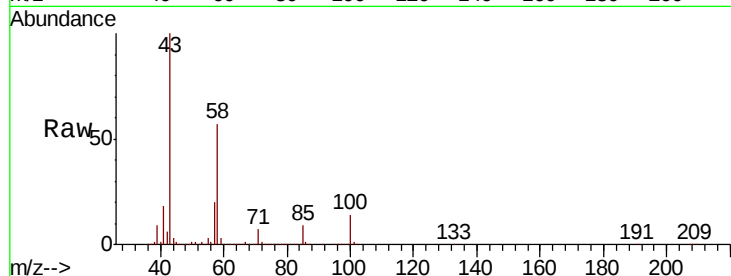




#59
2-Hexanone
Concen: 91.35 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

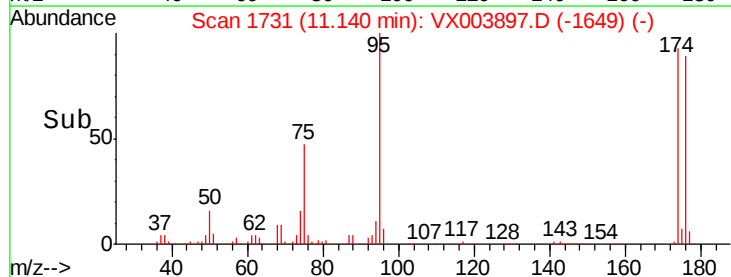
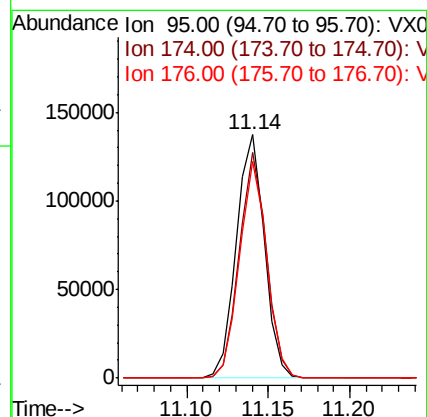
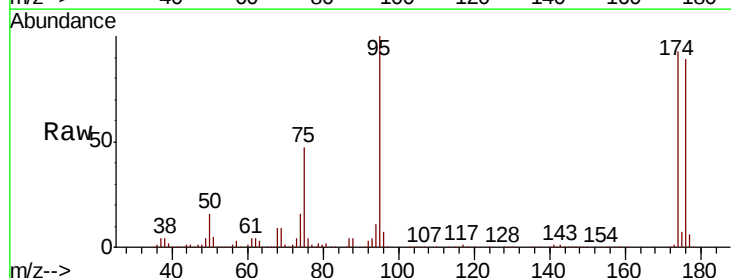
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

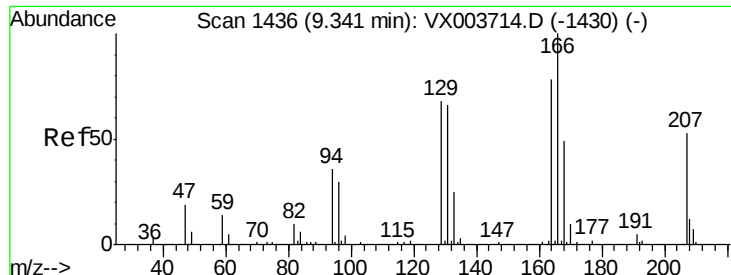
Tot Ion: 43 Resp: 475661
Ion Ratio Lower Upper
43 100
58 57.4 39.6 59.4
57 19.6 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.41 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion: 95 Resp: 163998
Ion Ratio Lower Upper
95 100
174 90.6 71.8 107.6
176 87.6 70.1 105.1

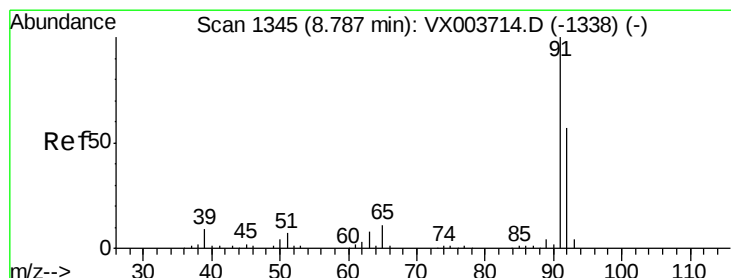
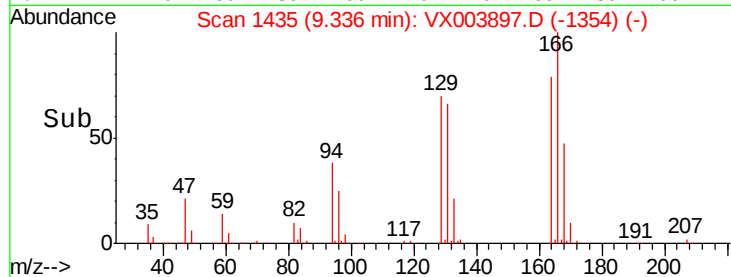
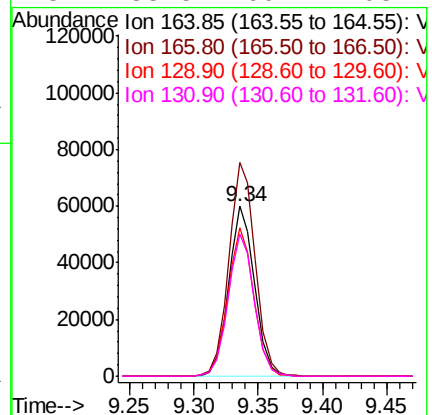
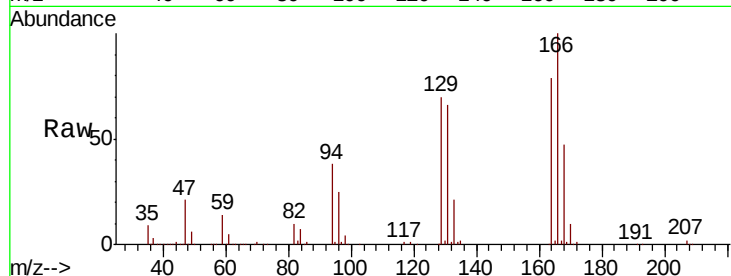




#61
 Tetrachloroethene
 Concen: 20.93 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

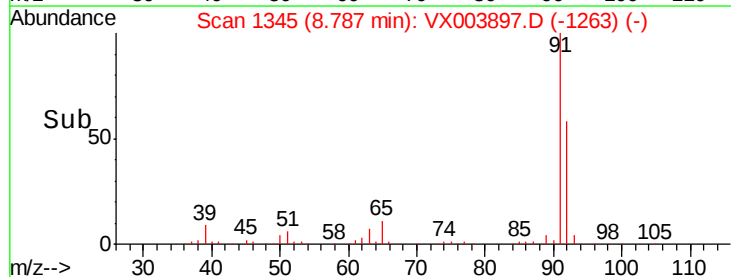
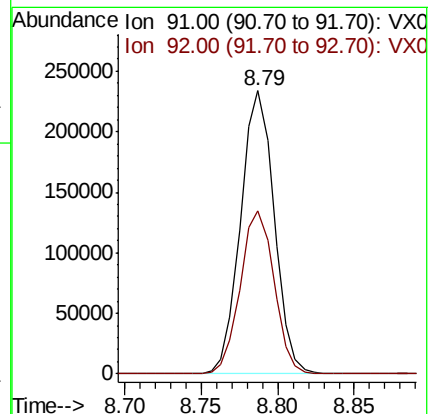
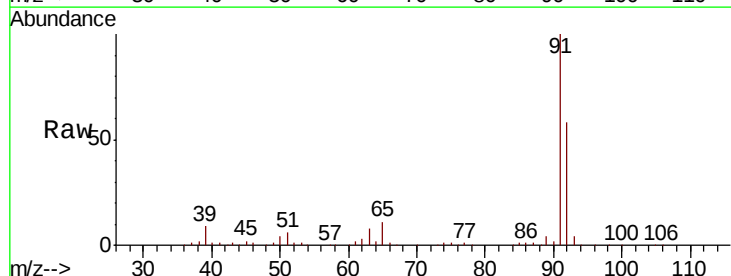
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

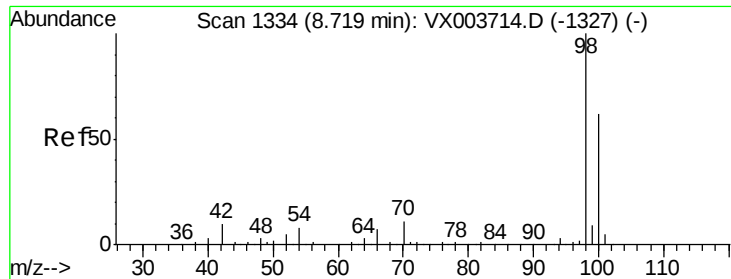
Tot Ion:	164	Resp:	84354
Ion	Ratio	Lower	Upper
164	100		
166	125.9	102.4	153.6
129	87.7	70.1	105.1
131	83.5	69.1	103.7



#62
 Toluene
 Concen: 19.87 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion:	91	Resp:	357178
Ion	Ratio	Lower	Upper
91	100		
92	58.2	46.5	69.7

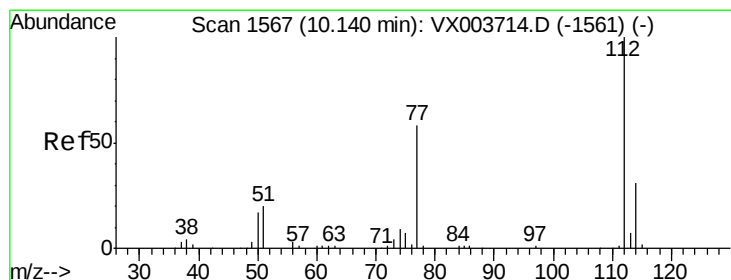
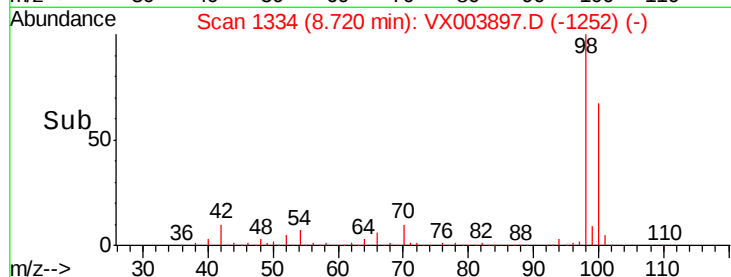
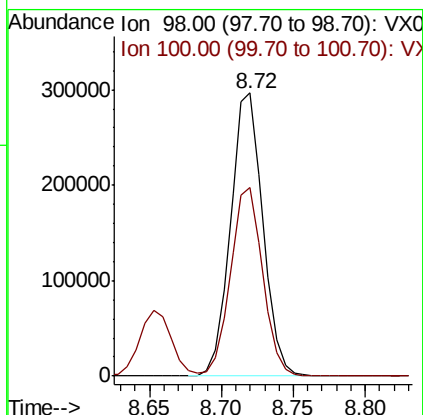
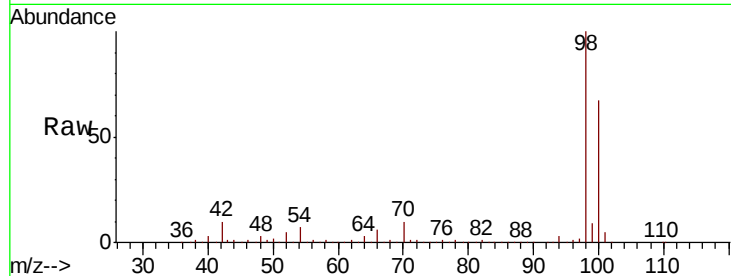




#63
Toluene-d8
Concen: 29.70 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

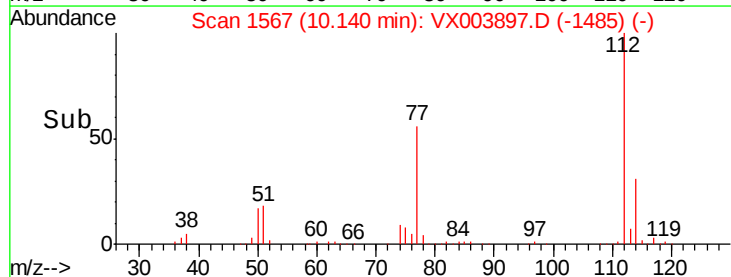
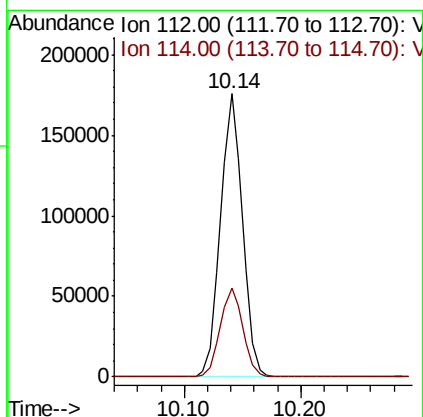
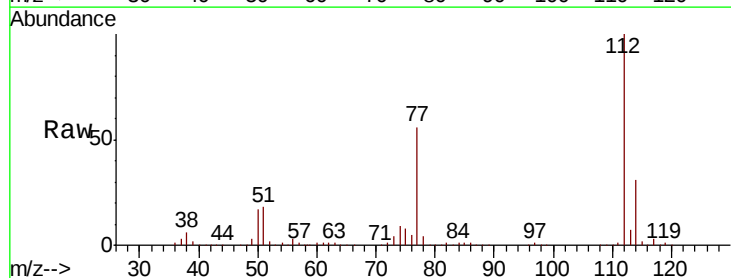
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

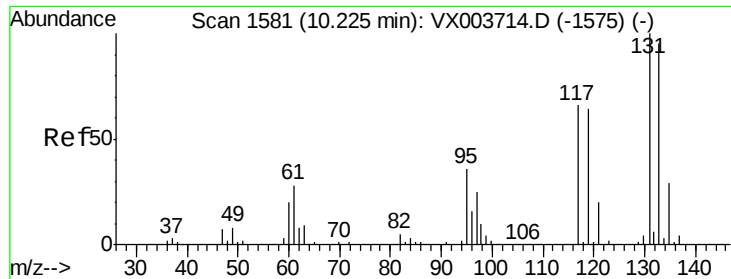
Tot Ion: 98 Resp: 463441
Ion Ratio Lower Upper
98 100
100 66.4 50.8 76.2



#64
Chlorobenzene
Concen: 19.74 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion: 112 Resp: 229285
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 19.86 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS02

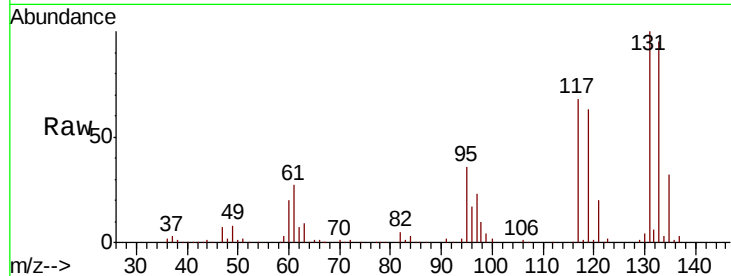
Tot Ion:131 Resp: 81622

Ion Ratio Lower Upper

131 100

133 93.7 0.0 191.2

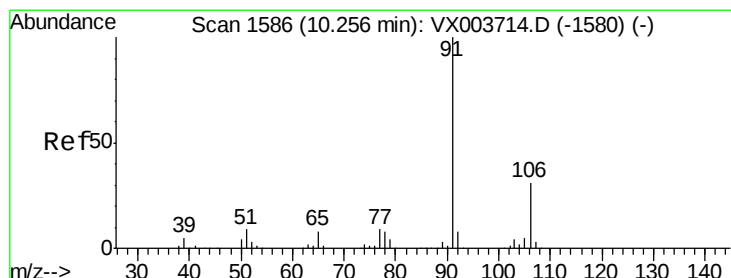
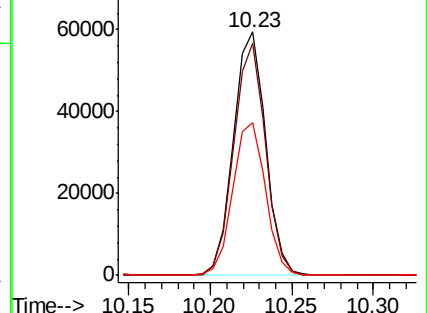
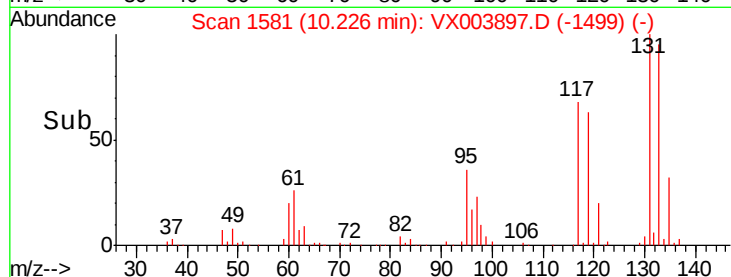
119 63.9 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.10 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003897.D

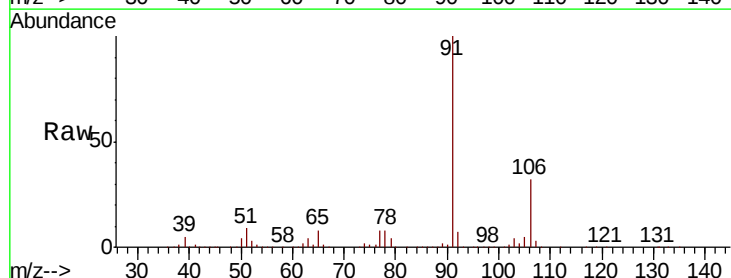
Acq: 07 Aug 2018 23:38

Tgt Ion: 91 Resp: 377796

Ion Ratio Lower Upper

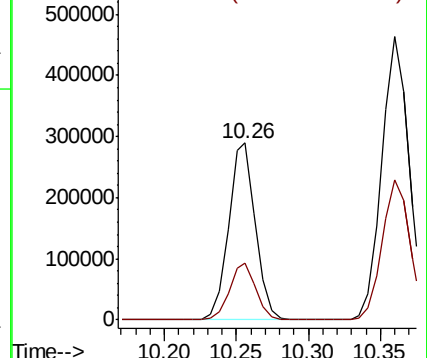
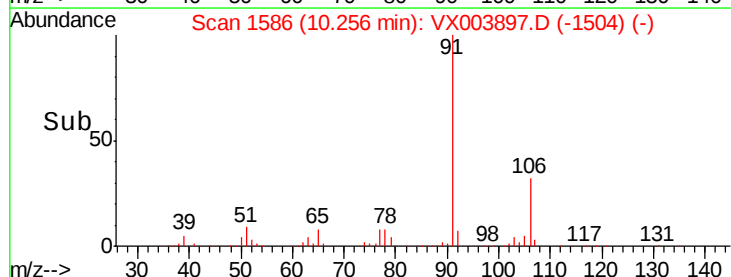
91 100

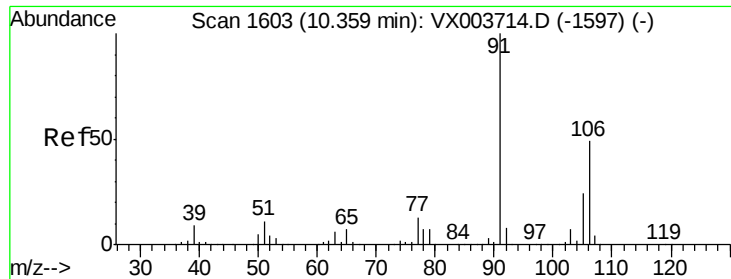
106 32.2 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

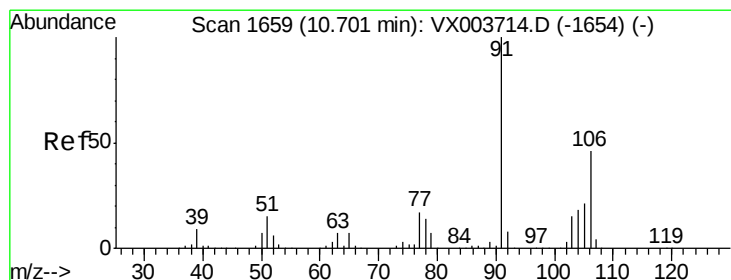
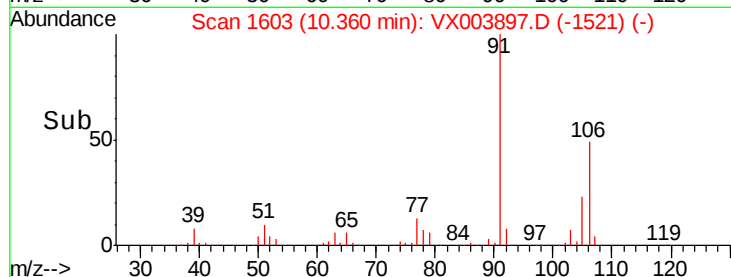
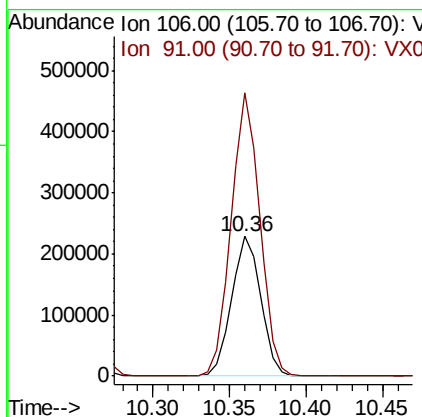
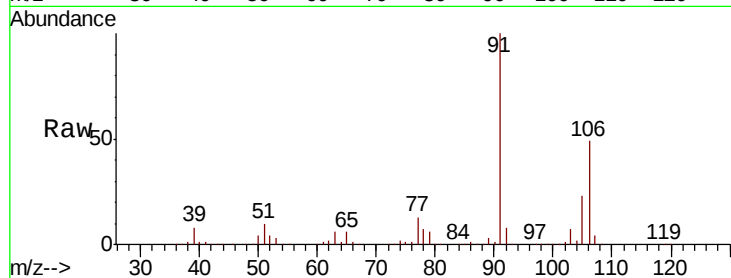




#67
m/p-Xylenes
Concen: 39.68 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

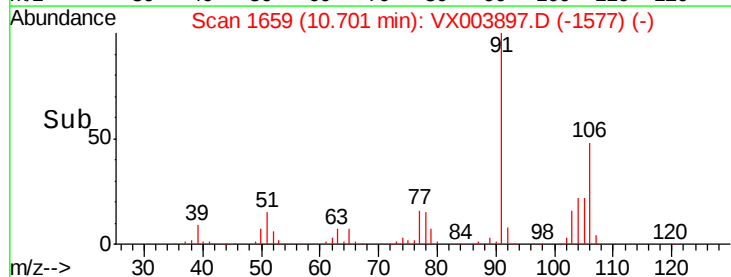
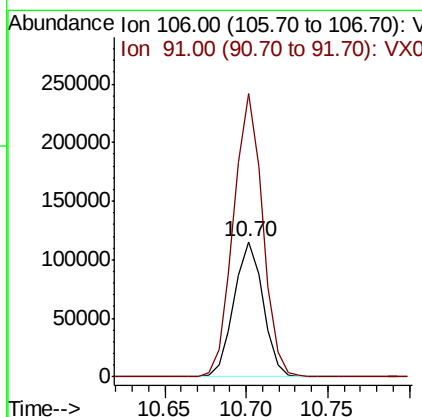
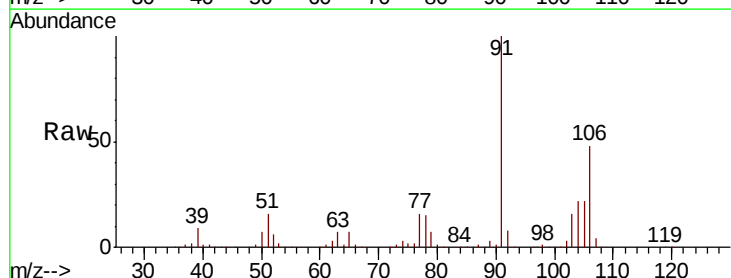
Instrument :
MSVOA_X
ClientSampled :
VX0807WBS02

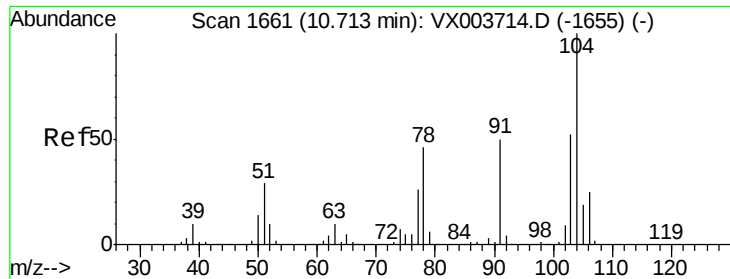
Tot Ion:106 Resp: 302341
Ion Ratio Lower Upper
106 100
91 199.0 164.1 246.1



#68
o-Xylene
Concen: 19.78 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion:106 Resp: 144167
Ion Ratio Lower Upper
106 100
91 208.4 109.1 327.3

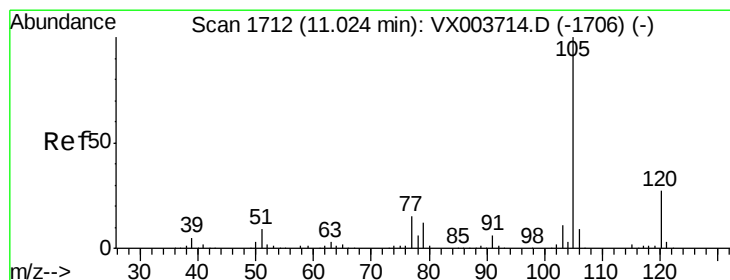
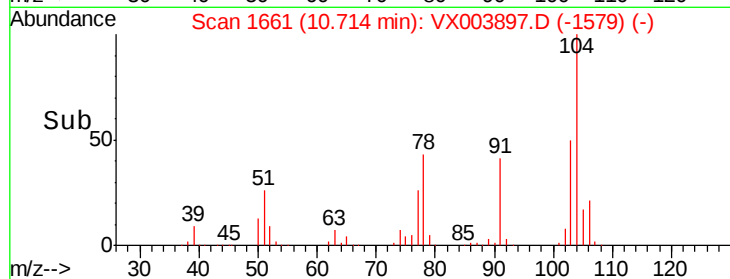
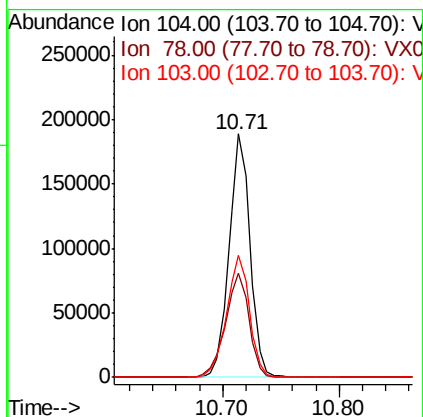
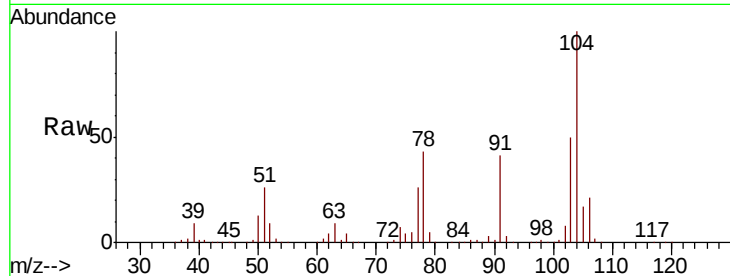




#69
Stvrene
Concen: 19.15 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

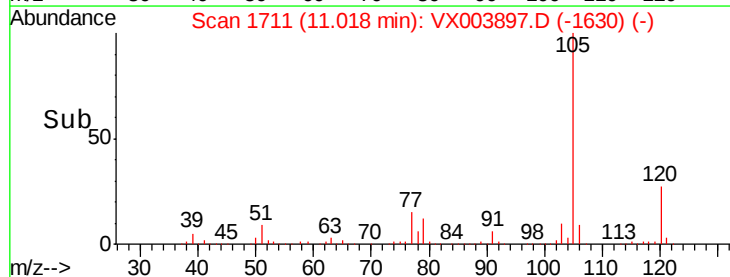
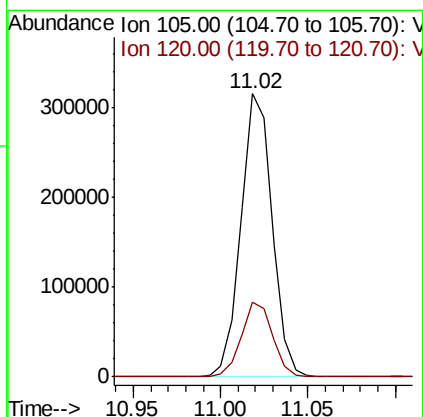
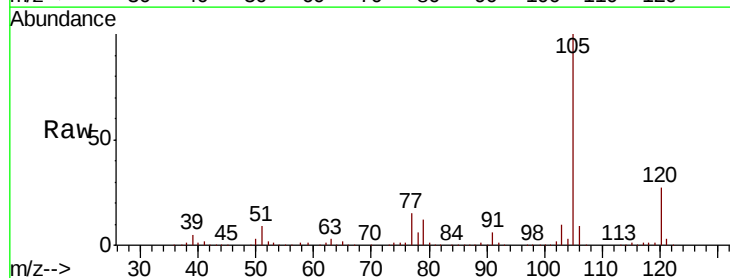
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

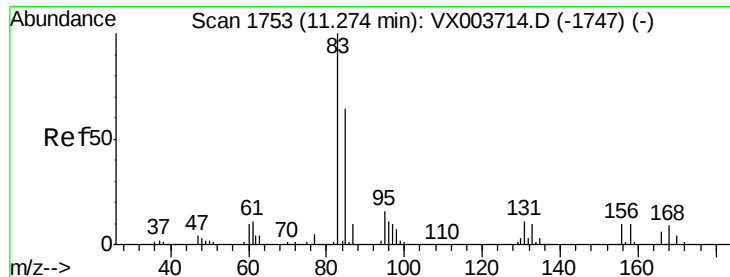
Tot Ion:104 Resp: 236321
Ion Ratio Lower Upper
104 100
78 48.0 41.8 62.8
103 54.6 44.9 67.3



#70
Isopropylbenzene
Concen: 19.42 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion:105 Resp: 389802
Ion Ratio Lower Upper
105 100
120 26.6 19.0 35.2





#71

1,1,2,2-Tetrachloroethane

Concen: 18.69 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampled :

VX0807WBS02

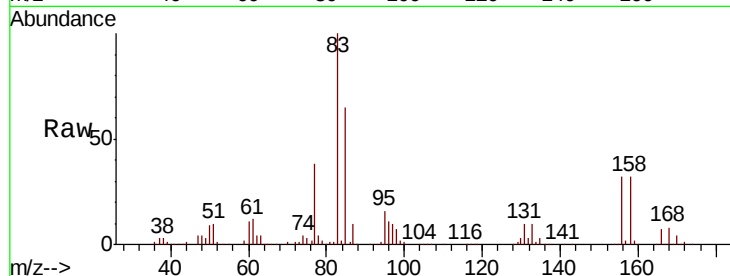
Tot Ion: 83 Resp: 133916

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

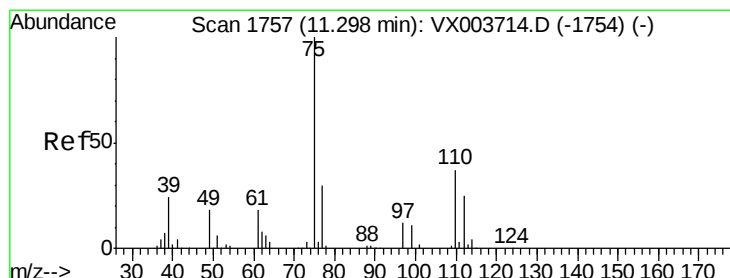
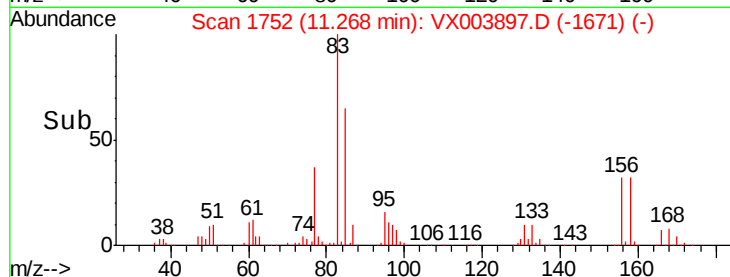
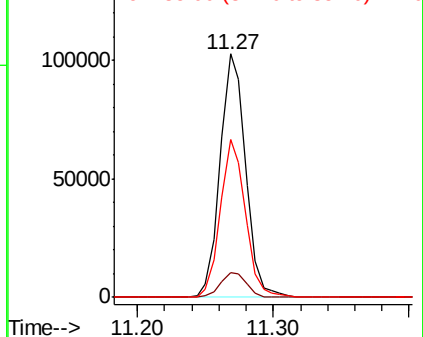
85 63.8 32.4 97.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 24.62 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003897.D

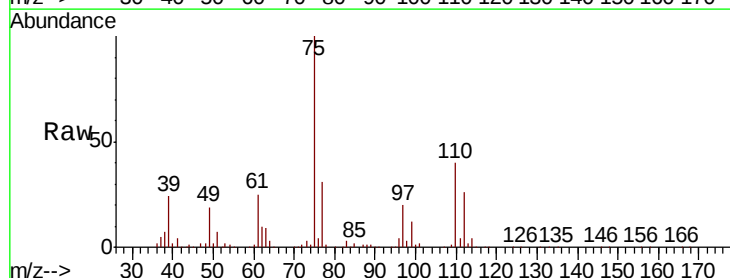
Acq: 07 Aug 2018 23:38

Tgt Ion: 75 Resp: 146726

Ion Ratio Lower Upper

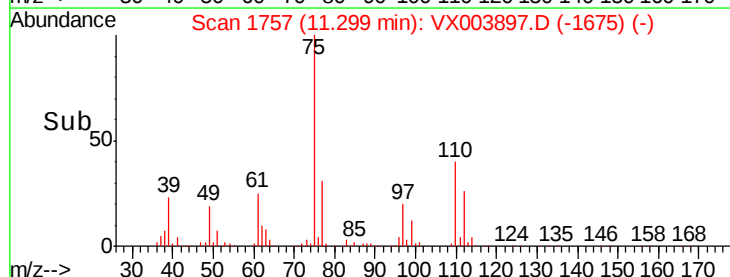
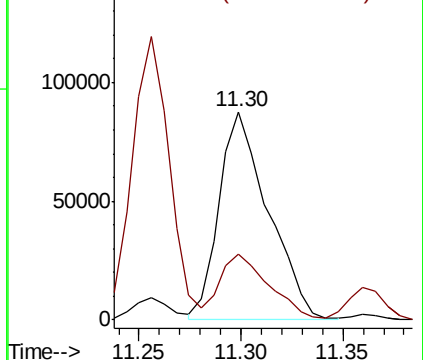
75 100

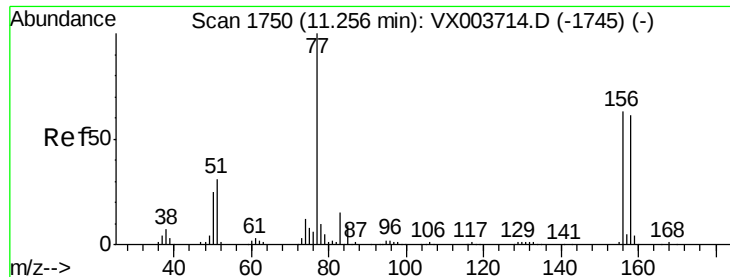
77 31.5 0.0 71.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.95 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS02

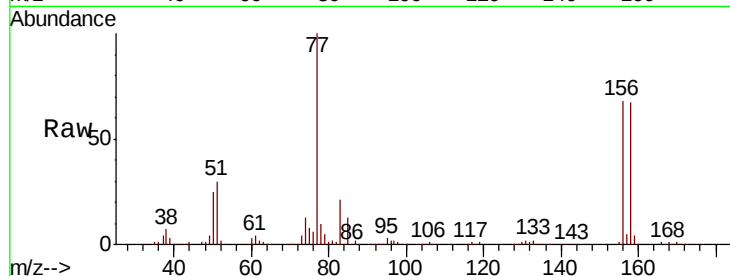
Tot Ion:156 Resp: 102511

Ion Ratio Lower Upper

156 100

77 147.7 0.0 301.0

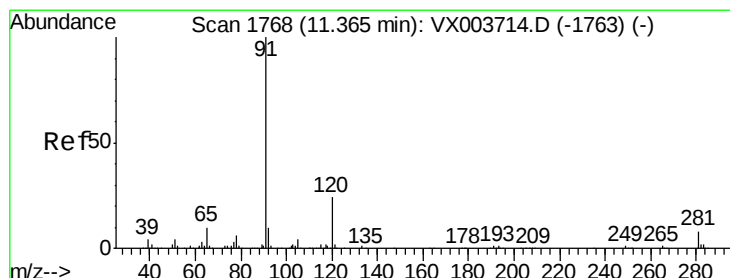
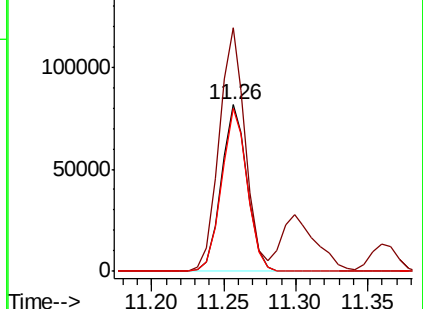
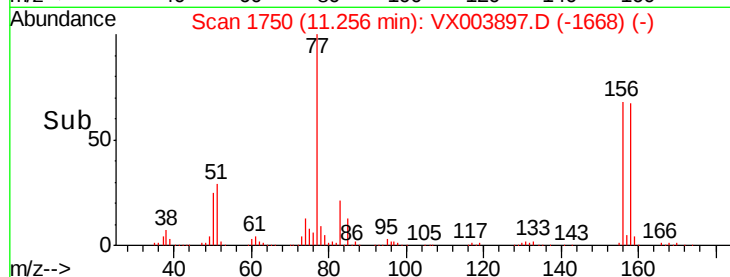
158 97.3 0.0 196.2



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: 18.64 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003897.D

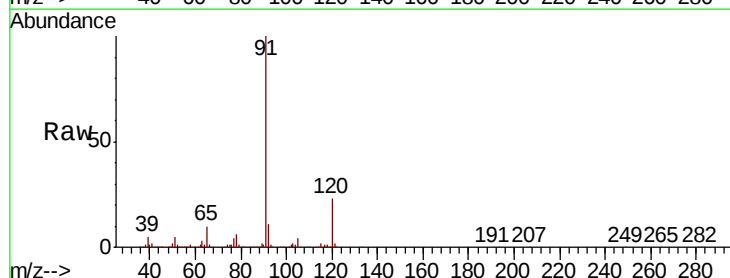
Acq: 07 Aug 2018 23:38

Tgt Ion: 91 Resp: 440659

Ion Ratio Lower Upper

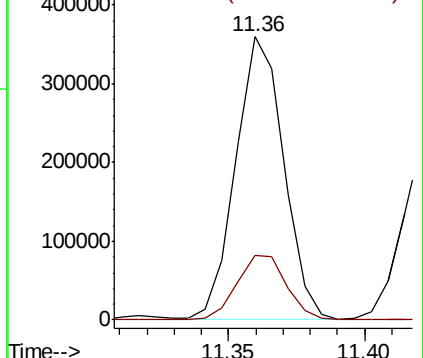
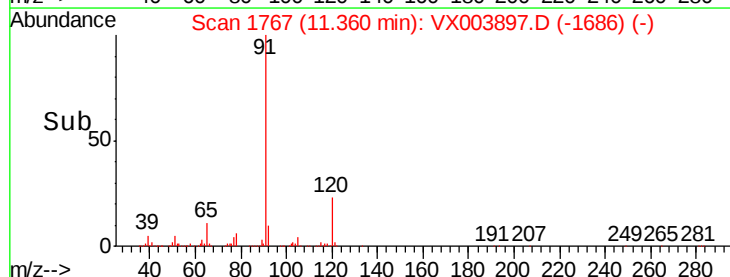
91 100

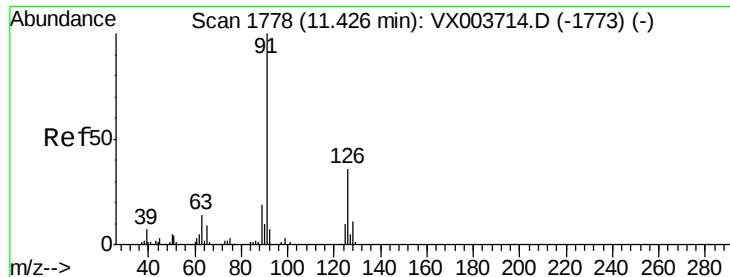
120 23.6 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.21 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

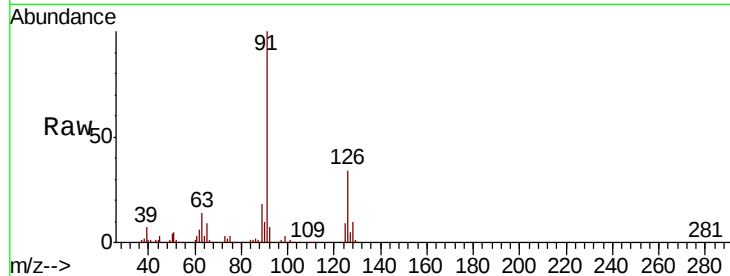
VX0807WBS02

Tot Ion: 91 Resp: 267695

Ion Ratio Lower Upper

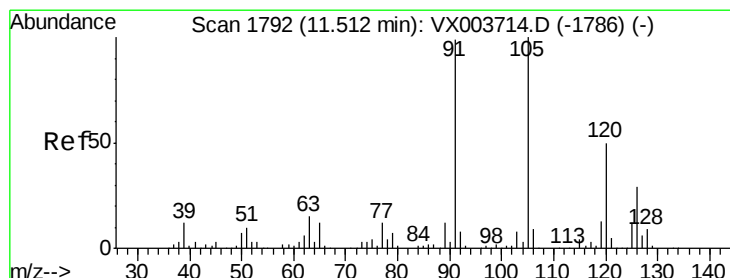
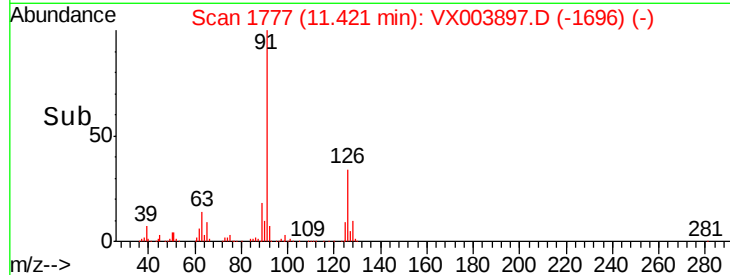
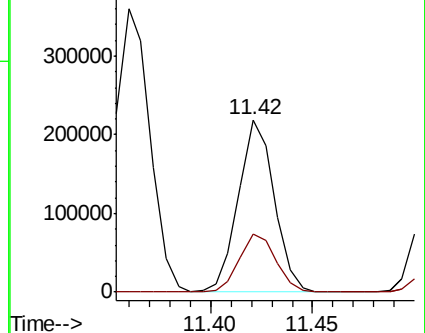
91 100

126 34.5 0.0 69.4



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: 18.54 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003897.D

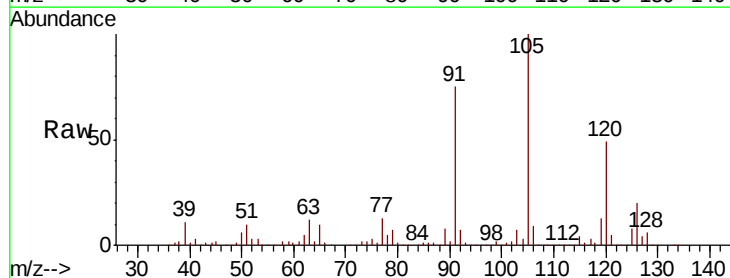
Acq: 07 Aug 2018 23:38

Tgt Ion:105 Resp: 315640

Ion Ratio Lower Upper

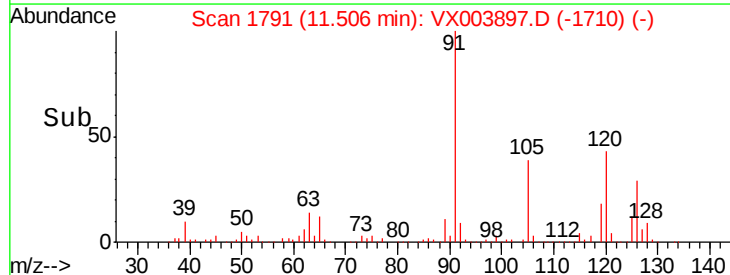
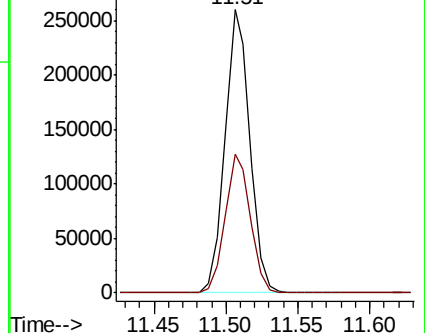
105 100

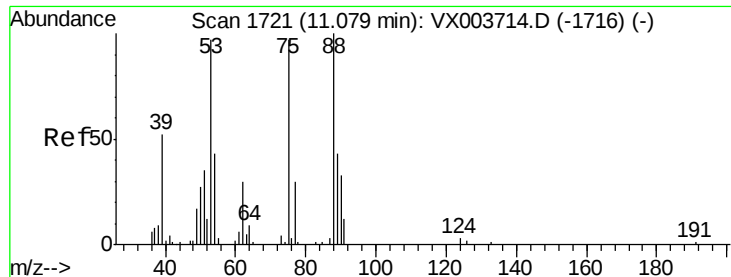
120 49.9 0.0 96.8



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: 15.57 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS02

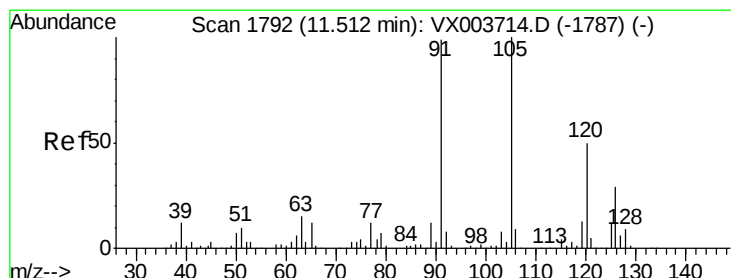
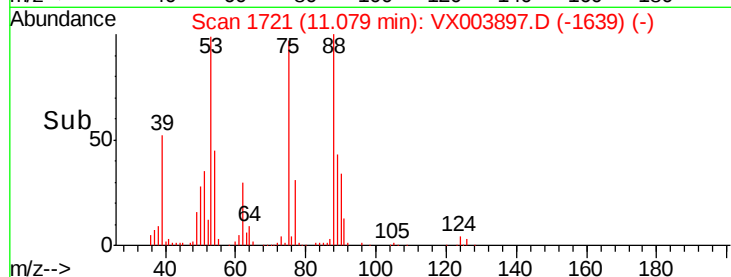
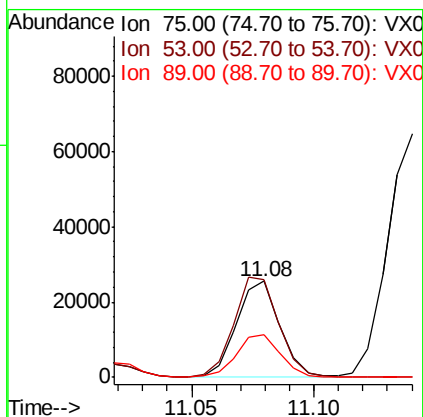
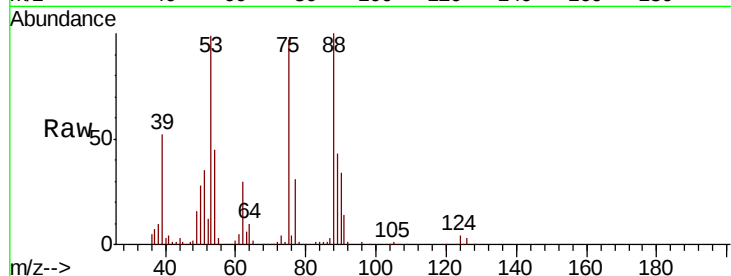
Tot Ion: 75 Resp: 31610

Ion Ratio Lower Upper

75 100

53 101.5 48.3 144.9

89 44.2 21.8 65.4



#78

4-Chlorotoluene

Concen: 18.84 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003897.D

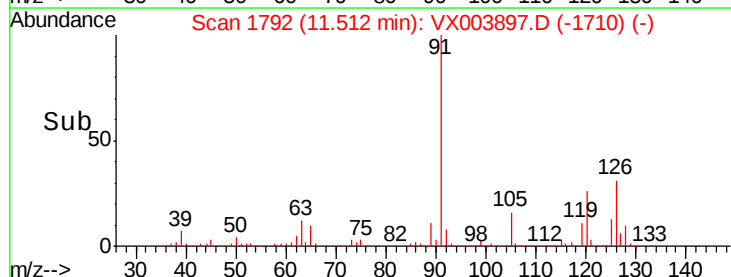
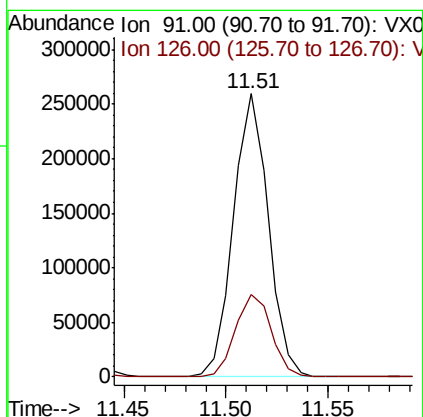
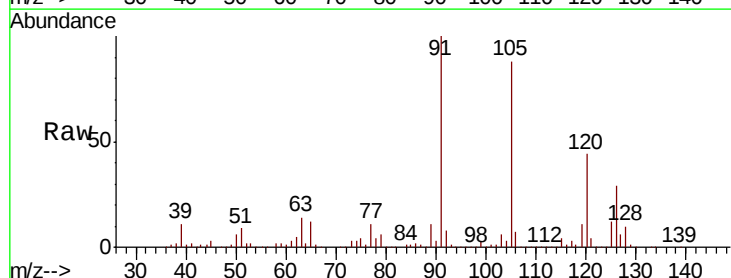
Acq: 07 Aug 2018 23:38

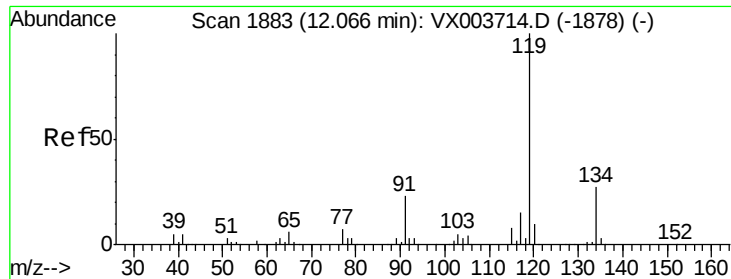
Tgt Ion: 91 Resp: 307089

Ion Ratio Lower Upper

91 100

126 30.1 0.0 61.0

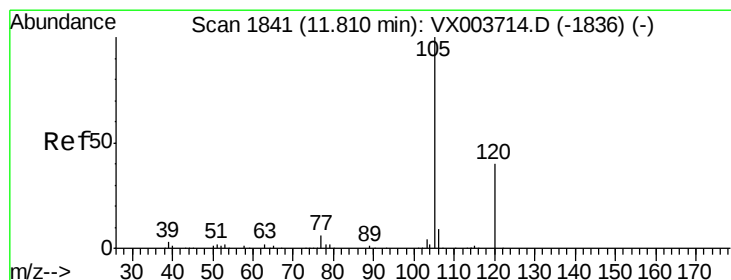
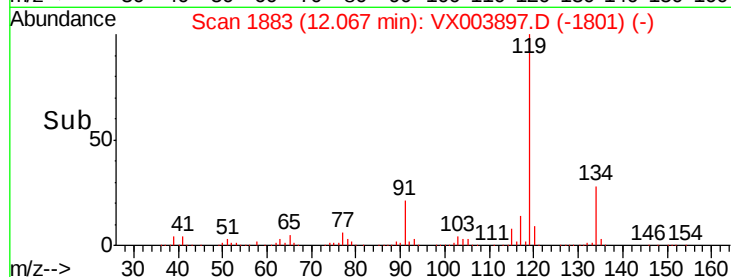
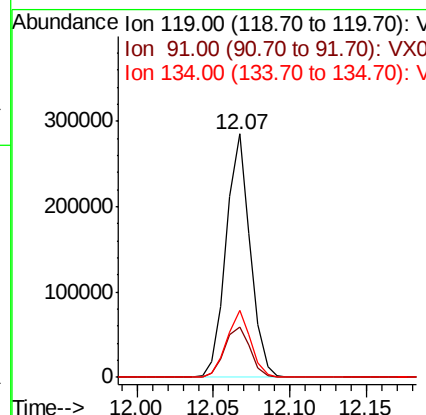
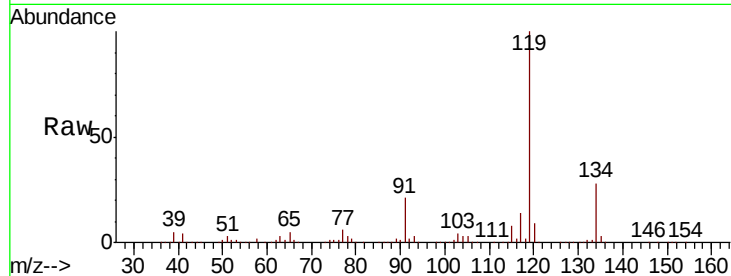




#79
tert-butylbenzene
Concen: 17.71 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

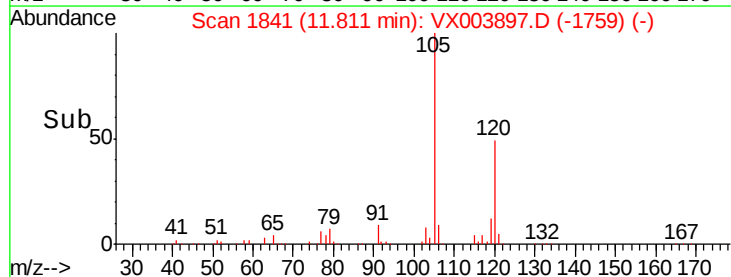
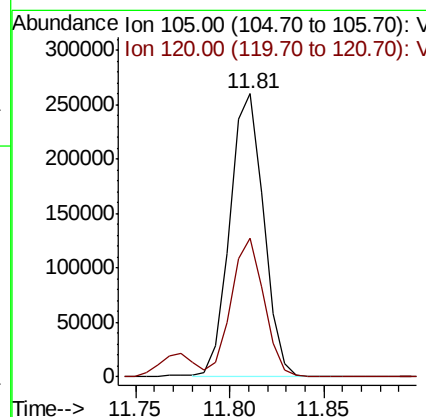
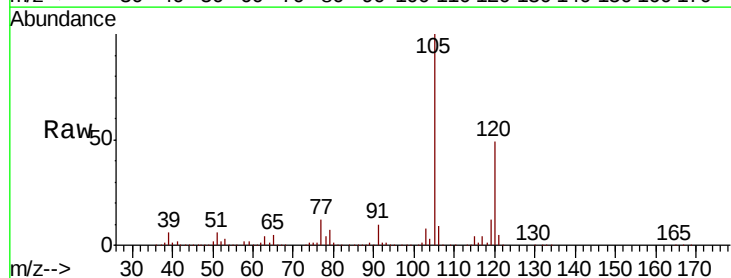
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS02

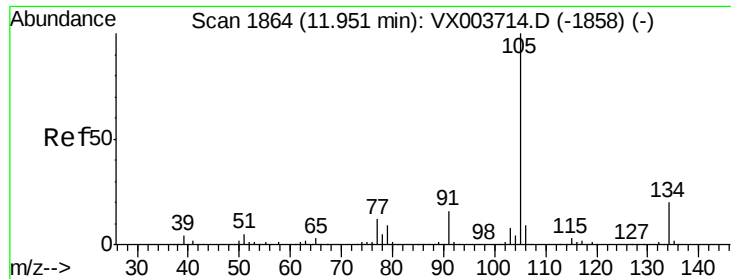
Tot Ion:119 Resp: 310226
Ion Ratio Lower Upper
119 100
91 22.4 0.0 48.0
134 27.3 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 18.64 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003897.D
Acq: 07 Aug 2018 23:38

Tgt Ion:105 Resp: 324896
Ion Ratio Lower Upper
105 100
120 47.4 0.0 89.2

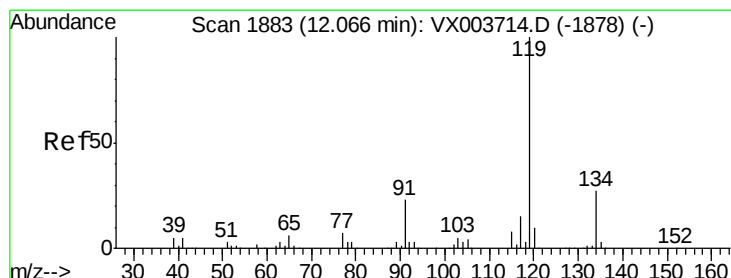
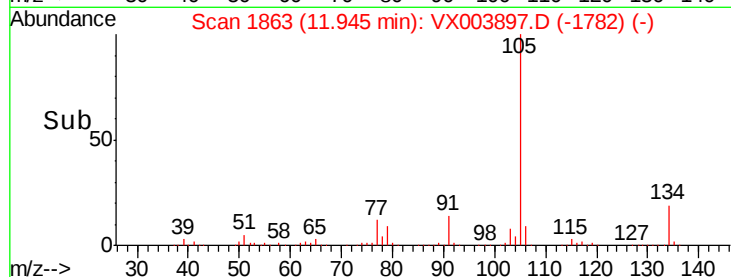
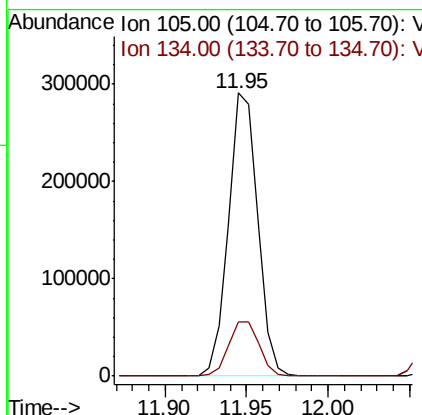
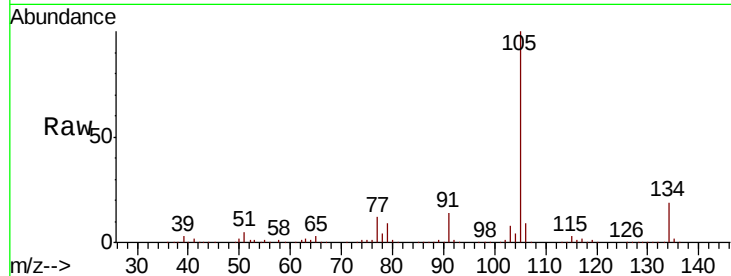




#81
 sec-Butylbenzene
 Concen: 18.27 ug/l
 RT: 11.95 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

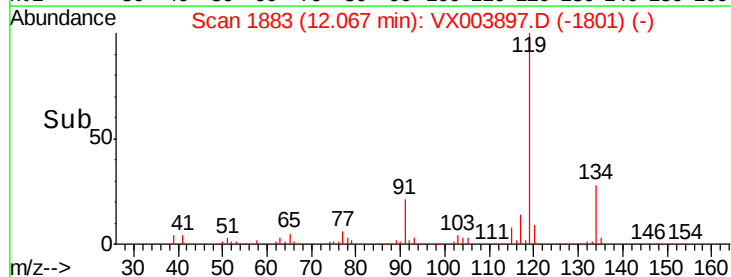
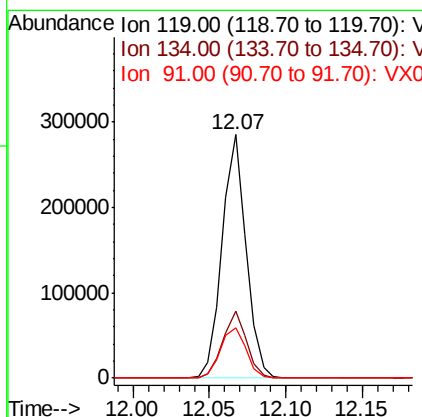
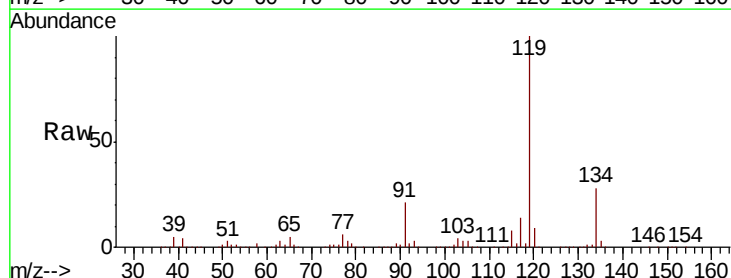
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

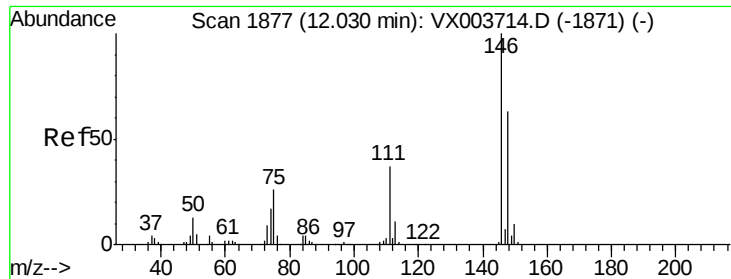
Tot Ion:105 Resp: 362374
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 17.71 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion:119 Resp: 310226
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 52.6
 91 22.4 0.0 48.0





#83

1,3-Dichlorobenzene

Concen: 17.58 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS02

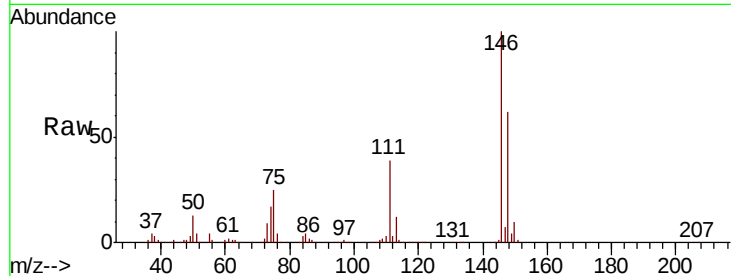
Tot Ion:146 Resp: 173652

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.5

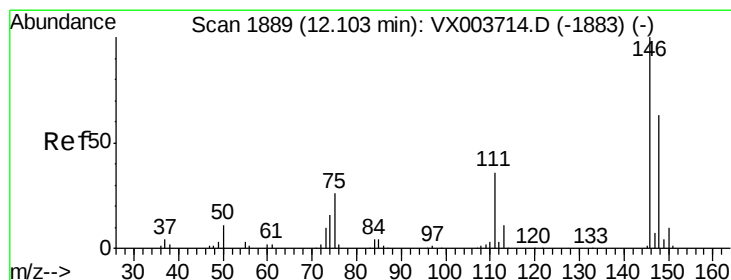
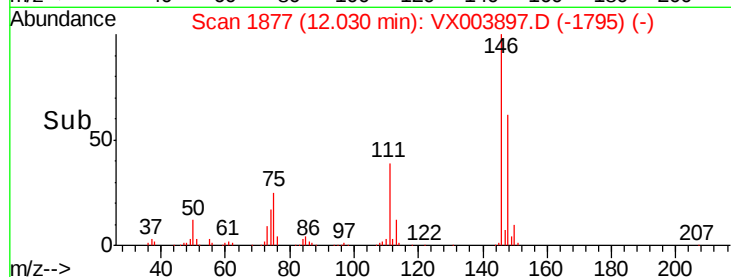
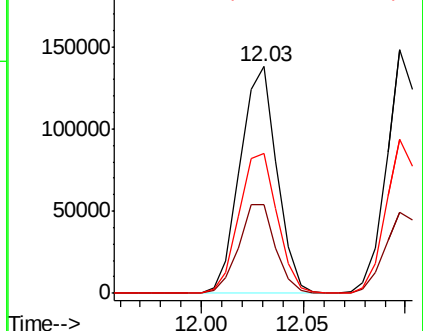
148 64.0 31.9 95.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 17.51 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

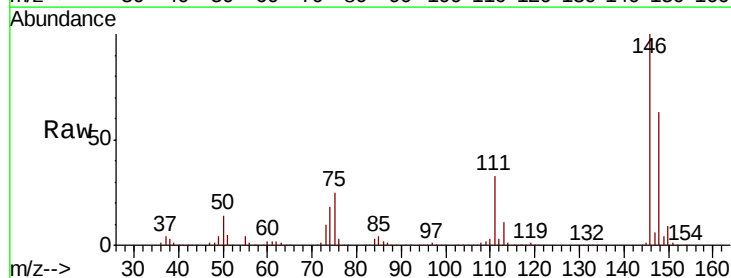
Tgt Ion:146 Resp: 174172

Ion Ratio Lower Upper

146 100

111 35.6 18.5 55.5

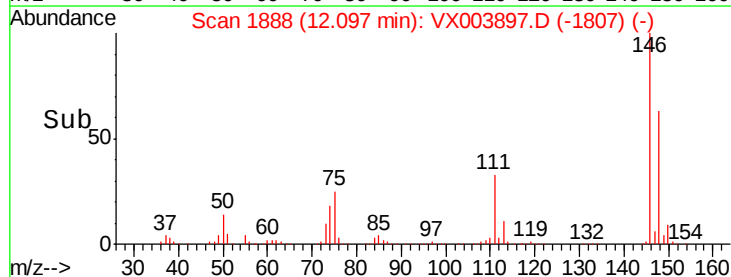
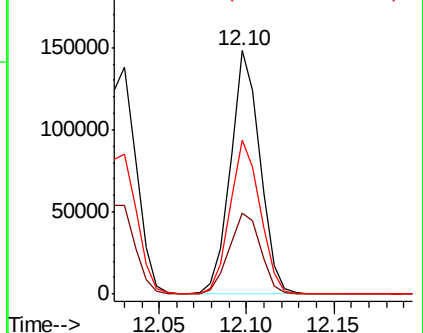
148 64.7 32.0 96.0

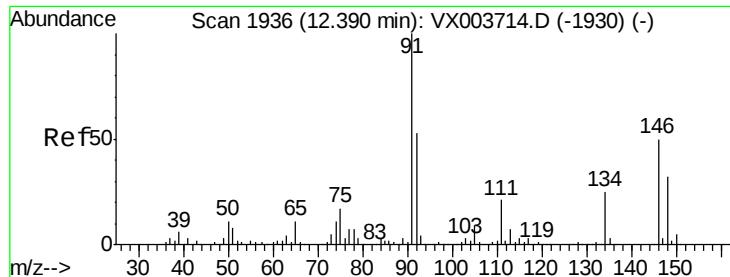


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 15.66 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS02

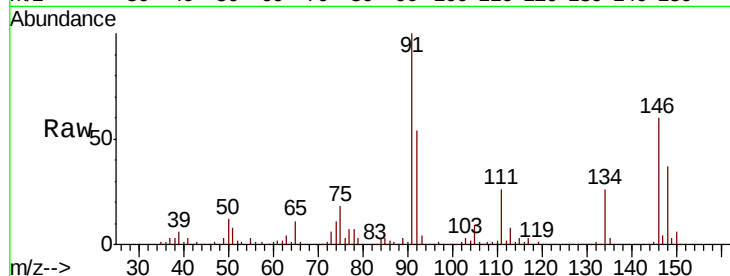
Tot Ion: 91 Resp: 243520

Ion Ratio Lower Upper

91 100

92 54.1 0.0 105.2

134 26.7 0.0 53.2

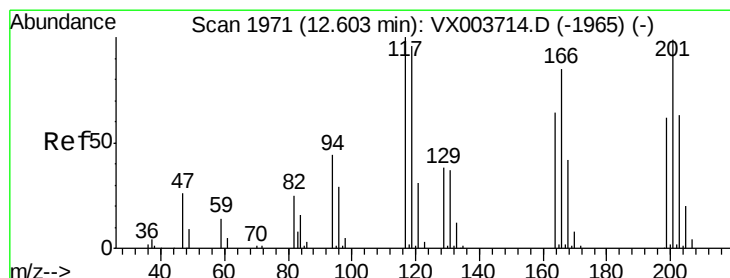
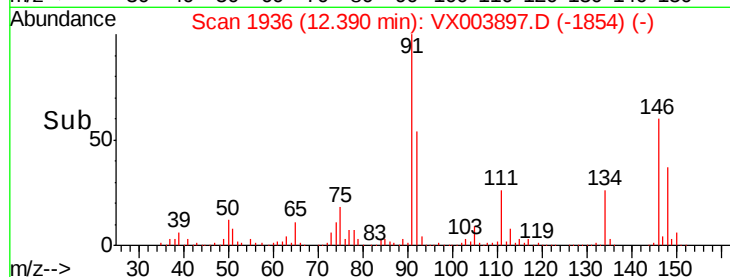
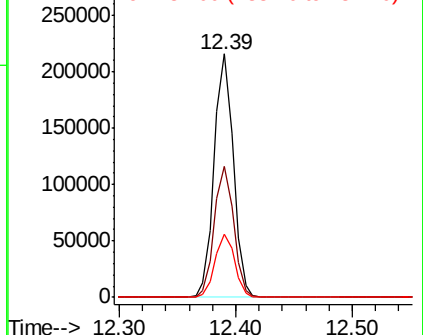


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 15.53 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX003897.D

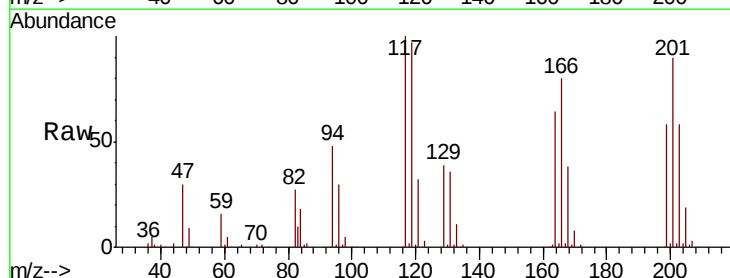
Acq: 07 Aug 2018 23:38

Tgt Ion: 117 Resp: 43851

Ion Ratio Lower Upper

117 100

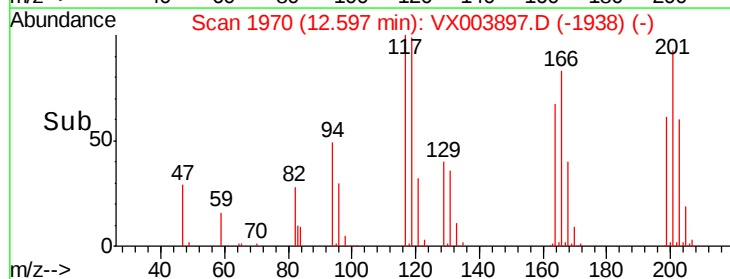
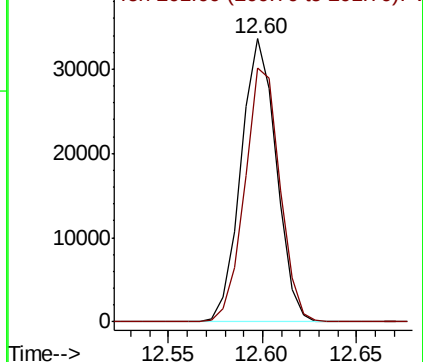
201 89.0 47.6 142.8

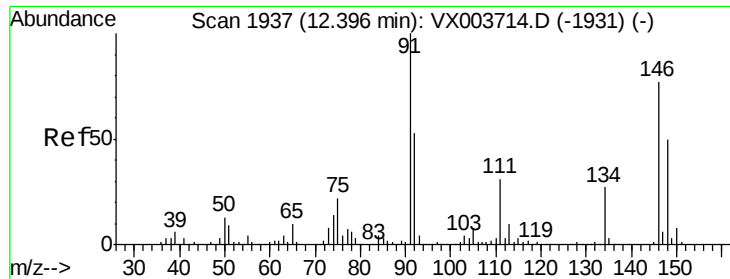


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

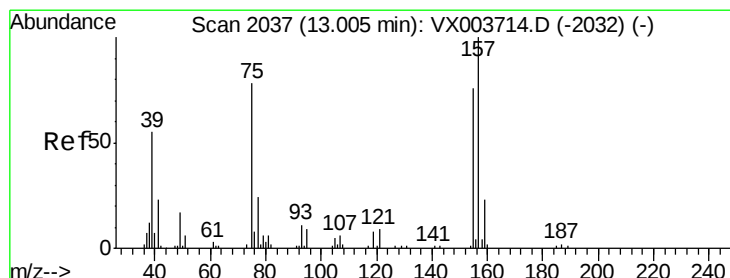
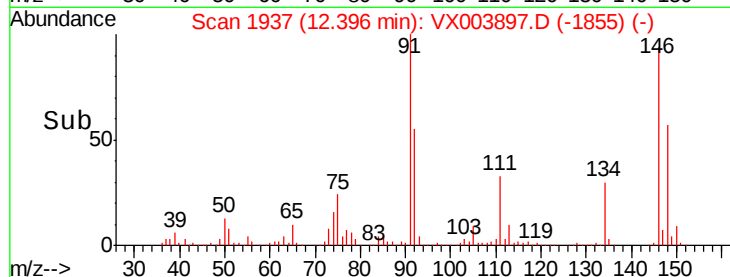
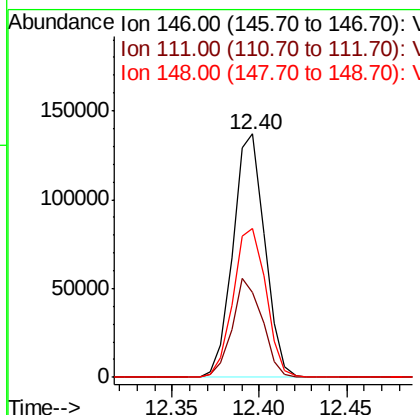
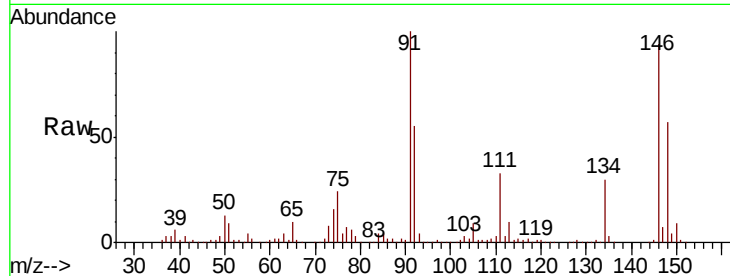




#87
 1,2-Dichlorobenzene
 Concen: 17.50 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

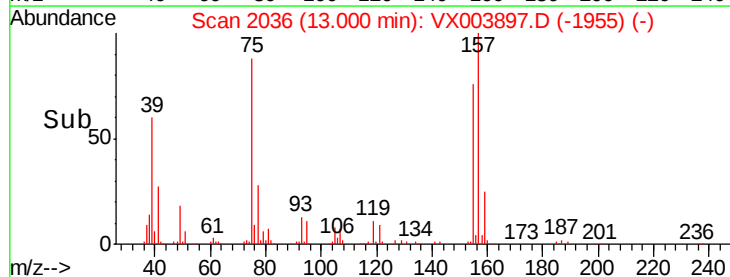
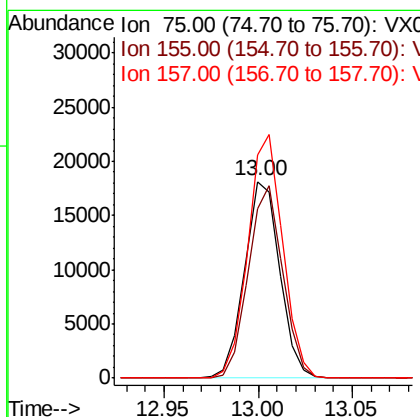
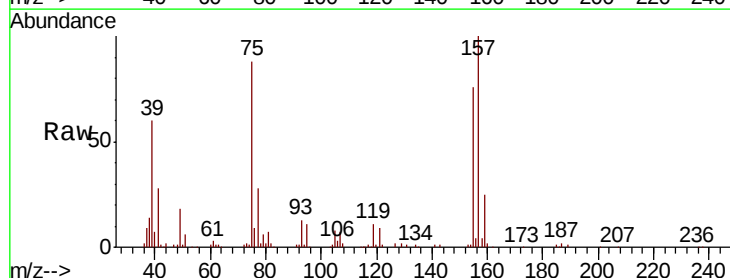
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS02

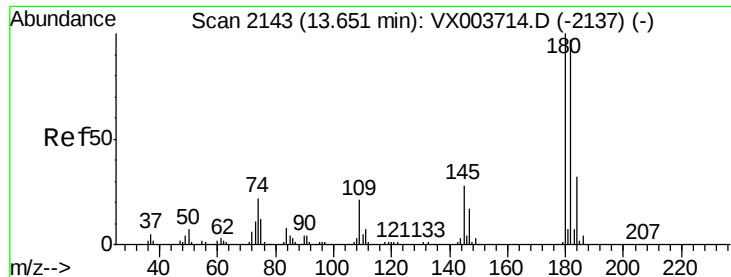
Tot Ion:146 Resp: 173524
 Ion Ratio Lower Upper
 146 100
 111 38.4 20.0 59.9
 148 63.1 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.57 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion: 75 Resp: 23551
 Ion Ratio Lower Upper
 75 100
 155 95.4 73.1 109.7
 157 122.0 93.1 139.7

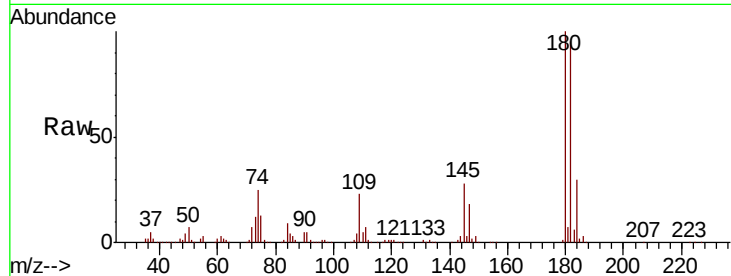




#89
 1,2,4-Trichlorobenzene
 Concen: 18.42 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Instrument :
 MSVOA_X
 ClientSampled :
 VX0807WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.4	114.6
145	28.3	22.9	34.3

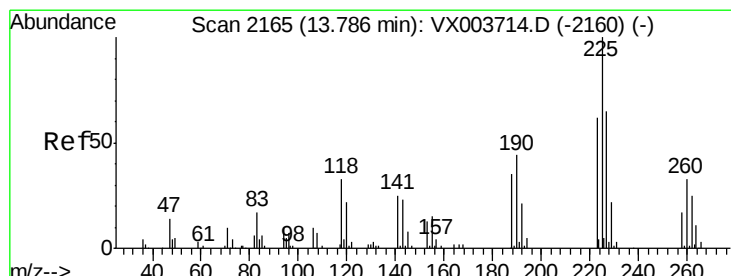
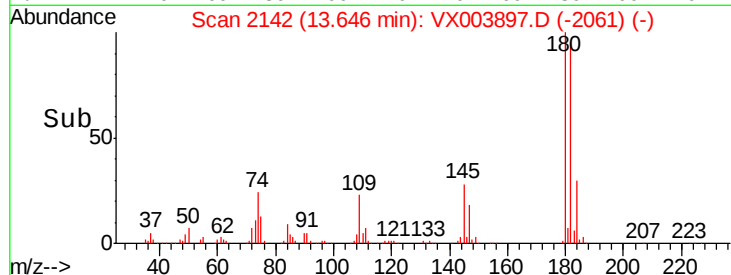
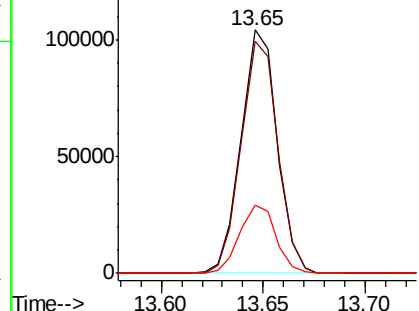


Abundance

Ion 180.00 (179.70 to 180.70): V

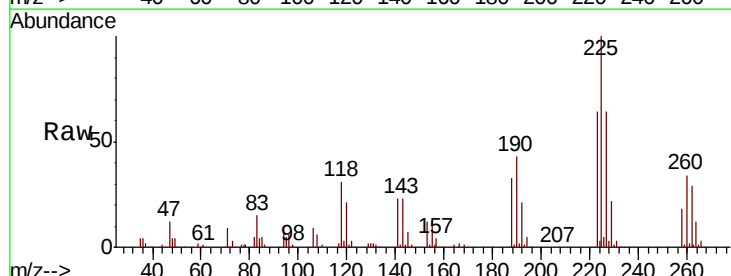
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 18.60 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003897.D
 Acq: 07 Aug 2018 23:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	0.0	122.4
227	63.4	0.0	128.0

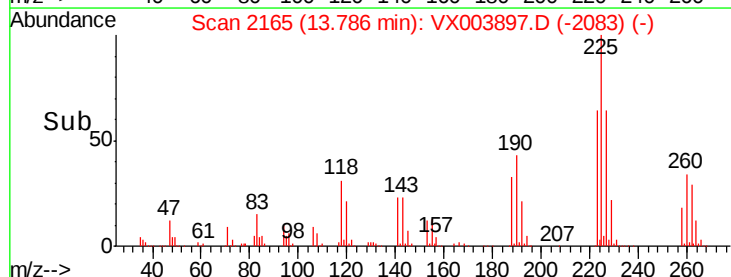
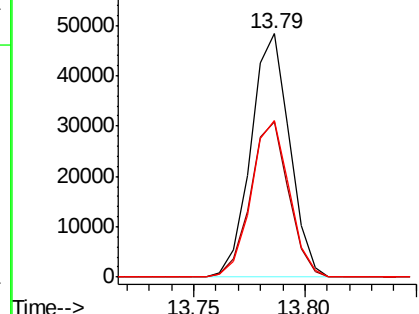


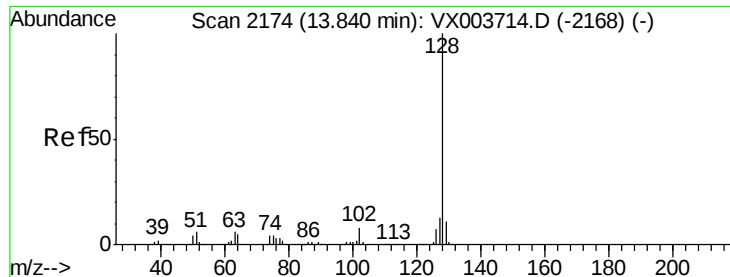
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 18.87 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS02

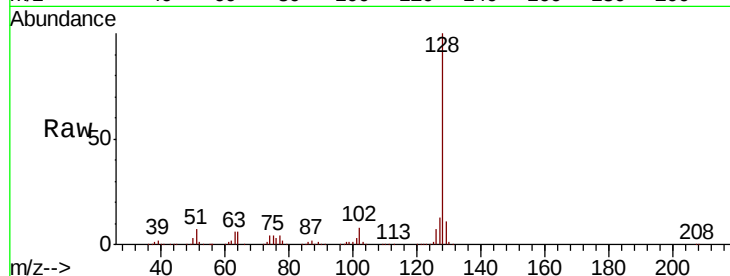
Tot Ion:128 Resp: 401509

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

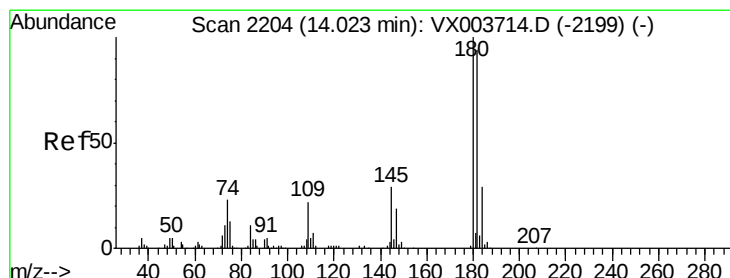
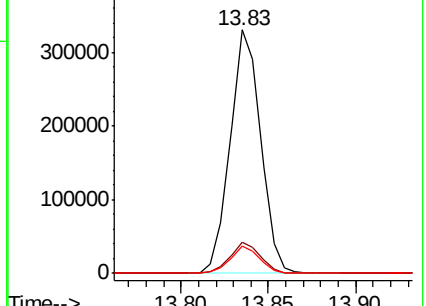
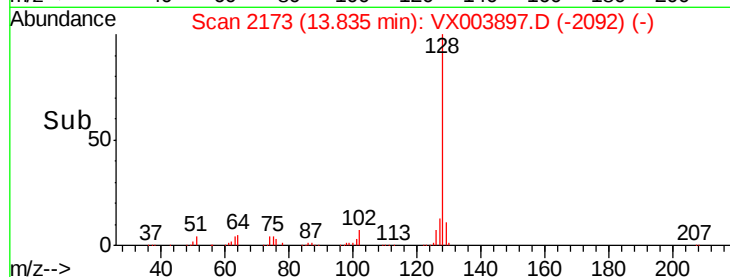
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.05 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003897.D

Acq: 07 Aug 2018 23:38

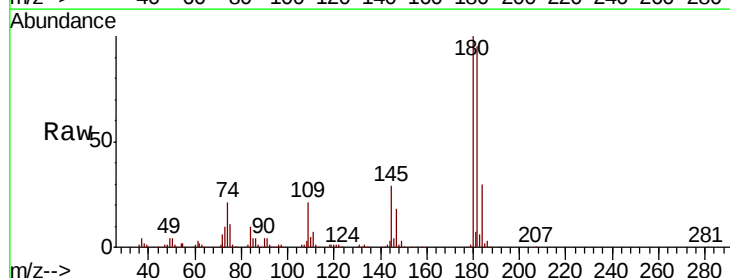
Tgt Ion:180 Resp: 135089

Ion Ratio Lower Upper

180 100

182 95.2 0.0 191.0

145 29.6 0.0 60.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

