

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003098.D
 Acq On : 01 Jul 2018 01:34
 Operator : JC/MD
 Sample : VX0630WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS02

Quant Time: Jul 02 04:55:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	390699	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218580	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	186525	47.72	ug/l	0.00
Spiked Amount			Recovery	=	95.44%	
35) Dibromofluoromethane	5.51	113	154991	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
50) Toluene-d8	8.72	98	545106	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.14	95	199232	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	53613	21.06	ug/l	100
3) Chloromethane	1.32	50	52869	19.44	ug/l	99
4) Vinyl Chloride	1.40	62	59644	18.65	ug/l	89
5) Bromomethane	1.64	94	26975	16.23	ug/l	99
6) Chloroethane	1.72	64	40148	20.13	ug/l	95
7) Trichlorofluoromethane	1.93	101	94575	17.53	ug/l	98
8) Diethyl Ether	2.19	74	35840	18.28	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53285	17.05	ug/l	96
10) Methyl Iodide	2.51	142	47367	19.31	ug/l	98
11) Tert butyl alcohol	3.08	59	73128	93.92	ug/l	99
12) 1,1-Dichloroethene	2.37	96	49803	17.86	ug/l	94
13) Acrolein	2.29	56	33576	80.70	ug/l	99
14) Allyl chloride	2.73	41	93042	16.93	ug/l	95
15) Acrylonitrile	3.15	53	156009	93.81	ug/l	99
16) Acetone	2.45	43	145051	89.62	ug/l	98
17) Carbon Disulfide	2.57	76	125837	16.94	ug/l	99
18) Methyl Acetate	2.78	43	76121	16.82	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	179052	17.86	ug/l	99
20) Methylene Chloride	2.86	84	57903	18.38	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	52954	17.43	ug/l	94
22) Diisopropyl ether	3.88	45	198496	18.89	ug/l	99
23) Vinyl Acetate	3.83	43	834535	93.79	ug/l	98
24) 1,1-Dichloroethane	3.70	63	103010	18.04	ug/l	99
25) 2-Butanone	4.71	43	235783	98.16	ug/l	97
26) 2,2-Dichloropropane	4.59	77	51532	11.10	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	65147	19.13	ug/l	95
28) Bromochloromethane	5.02	49	58585	21.43	ug/l	93
29) Tetrahydrofuran	5.17	42	151053	98.06	ug/l	96
30) Chloroform	5.22	83	111704	19.06	ug/l	97
31) Cyclohexane	5.57	56	90381	18.44	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	96144	18.64	ug/l	99
36) 1,1-Dichloropropene	5.81	75	77857	18.17	ug/l	98
37) Ethyl Acetate	4.87	43	90691	19.66	ug/l	98
38) Carbon Tetrachloride	5.78	117	84700	18.01	ug/l	99

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Quant Time: Jul 02 04:55:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86313	17.30	ug/l	98
40) Benzene	6.15	78	238533	19.16	ug/l	99
41) Methacrylonitrile	5.07	41	52193	19.65	ug/l	97
42) 1,2-Dichloroethane	6.20	62	91958	18.29	ug/l	99
43) Isopropyl Acetate	6.47	43	142079	18.36	ug/l	97
44) Trichloroethene	7.22	130	69547	18.74	ug/l	96
45) 1,2-Dichloropropane	7.52	63	62794	19.02	ug/l	99
46) Dibromomethane	7.67	93	42783	18.67	ug/l	95
47) Bromodichloromethane	7.90	83	77426	18.28	ug/l	97
48) Methyl methacrylate	7.78	41	72594	18.21	ug/l	95
49) 1,4-Dioxane	7.76	88	31067	400.56	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	466896	96.45	ug/l	97
52) Toluene	8.79	92	153046	19.19	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	84289	17.57	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	75677	16.39	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	62698	19.13	ug/l	98
56) Ethyl methacrylate	9.18	69	90161	18.82	ug/l	94
57) 1,3-Dichloropropane	9.38	76	102055	18.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	252924	109.46	ug/l	97
59) 2-Hexanone	9.50	43	349283	94.94	ug/l	97
60) Dibromochloromethane	9.59	129	62716	18.18	ug/l	97
61) 1,2-Dibromoethane	9.68	107	64791	18.85	ug/l	99
64) Tetrachloroethene	9.34	164	82837	20.68	ug/l	98
65) Chlorobenzene	10.14	112	173733	18.99	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	63371	19.06	ug/l	98
67) Ethyl Benzene	10.26	91	284637	18.83	ug/l	100
68) m/p-Xylenes	10.36	106	219983	37.76	ug/l	98
69) o-Xylene	10.70	106	107007	18.86	ug/l	96
70) Styrene	10.71	104	175919	19.09	ug/l	99
71) Bromoform	10.86	173	46732	18.25	ug/l #	99
73) Isopropylbenzene	11.02	105	287786	19.57	ug/l	100
74) N-amyl acetate	6.47	43	142079	19.75	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	89560	19.77	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	93684	23.66	ug/l	81
77) Bromobenzene	11.26	156	81923	19.56	ug/l	96
78) n-propylbenzene	11.37	91	316166	18.89	ug/l	99
79) 2-Chlorotoluene	11.42	91	194131	19.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	237267	19.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	17590	15.39	ug/l	92
82) 4-Chlorotoluene	11.51	91	227125	18.93	ug/l	98
83) tert-Butylbenzene	11.77	119	230952	18.92	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	245281	19.11	ug/l	98
85) sec-Butylbenzene	11.95	105	276368	18.66	ug/l	100
86) p-Isopropyltoluene	12.07	119	250531	18.82	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	144141	18.85	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149323	18.97	ug/l	100
89) n-Butylbenzene	12.39	91	200734	17.32	ug/l	99
90) Hexachloroethane	12.60	117	33345	16.84	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	147589	19.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18772	18.44	ug/l	97

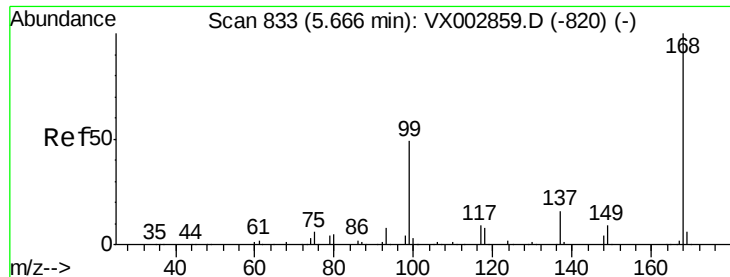
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Quant Time: Jul 02 04:55:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103090	18.35	ug/l	100
94) Hexachlorobutadiene	13.79	225	49089	17.52	ug/l	100
95) Naphthalene	13.84	128	295447	19.75	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	105848	18.86	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

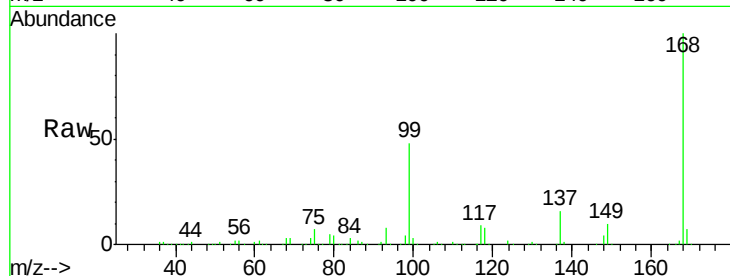
VX0630WBS02

Tot Ion:168 Resp: 282767

Ion Ratio Lower Upper

168 100

99 47.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

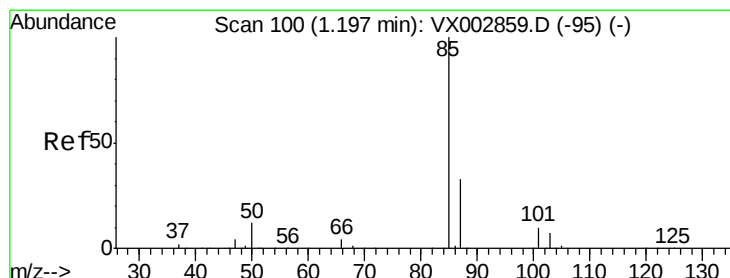
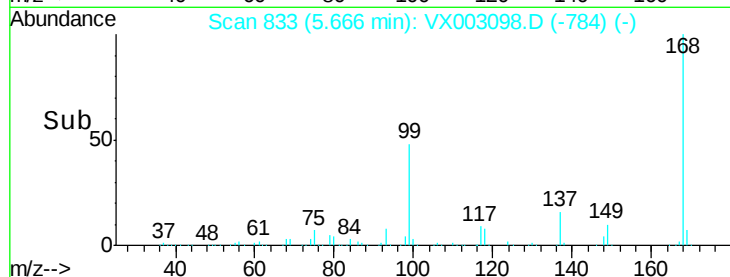
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.06 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003098.D

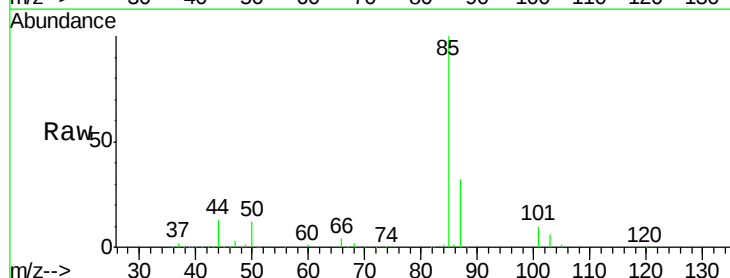
Acq: 01 Jul 2018 01:34

Tgt Ion: 85 Resp: 53613

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

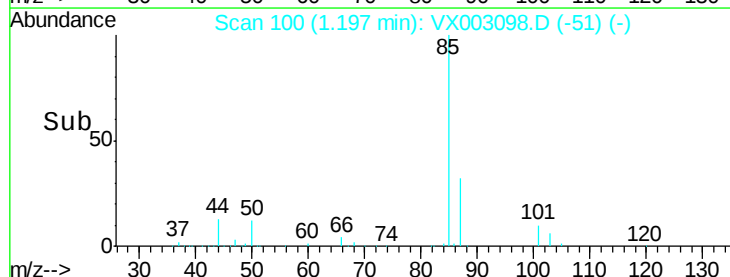
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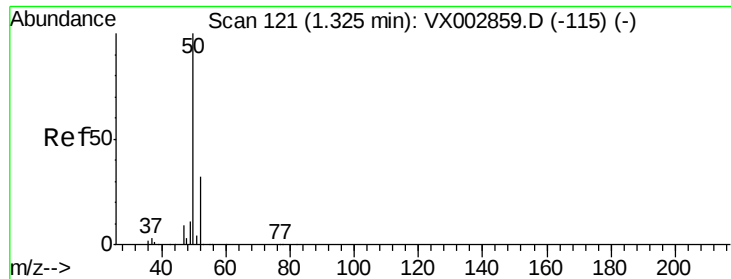
20000

10000

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Time-->





#3

Chloromethane

Concen: 19.44 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

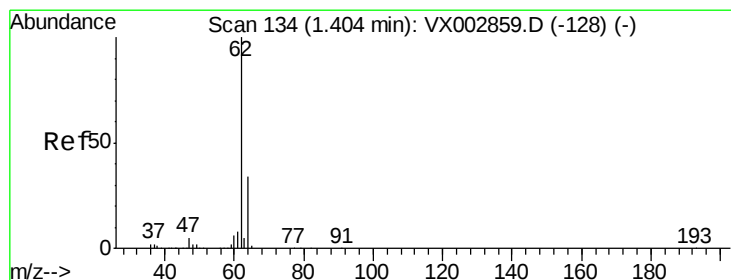
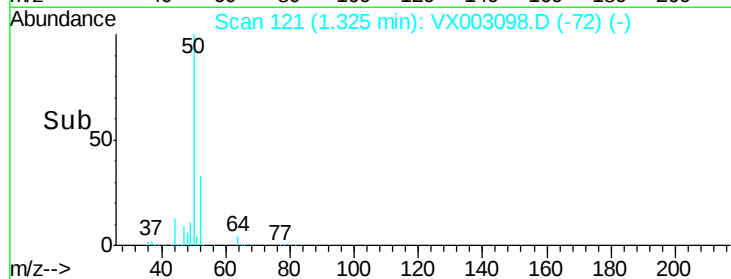
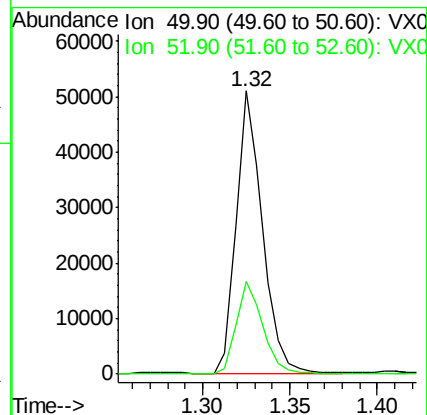
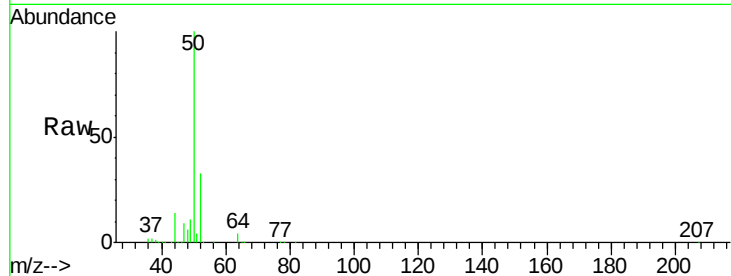
VX0630WBS02

Tot Ion: 50 Resp: 52869

Ion Ratio Lower Upper

50 100

52 32.8 25.7 38.5



#4

Vinyl Chloride

Concen: 18.65 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003098.D

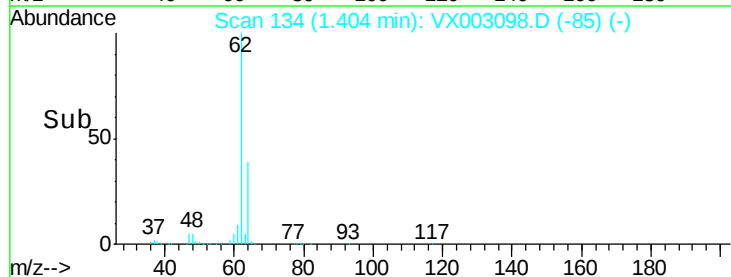
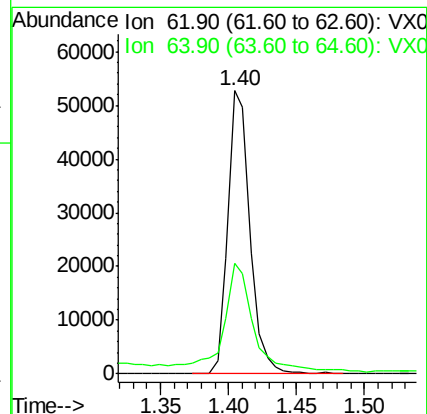
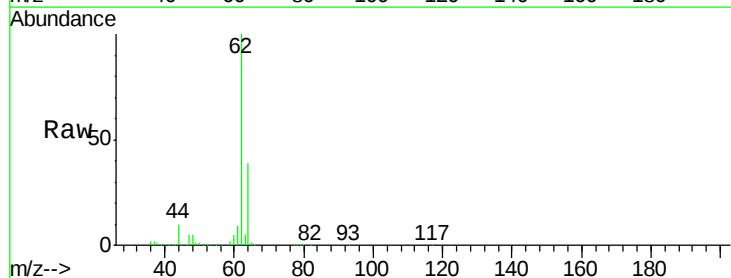
Acq: 01 Jul 2018 01:34

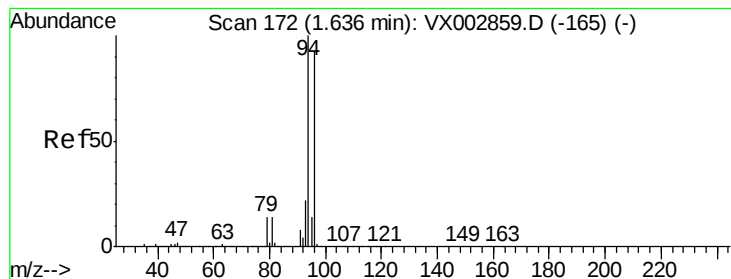
Tgt Ion: 62 Resp: 59644

Ion Ratio Lower Upper

62 100

64 37.7 25.4 38.2





#5

Bromomethane

Concen: 16.23 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

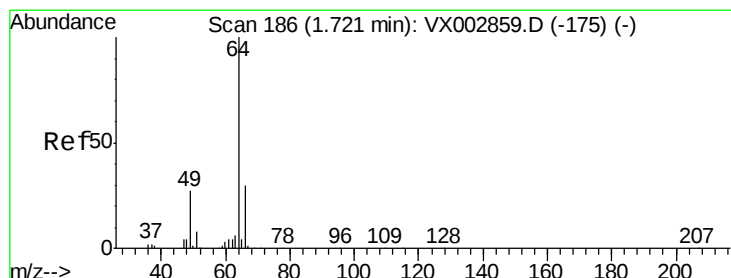
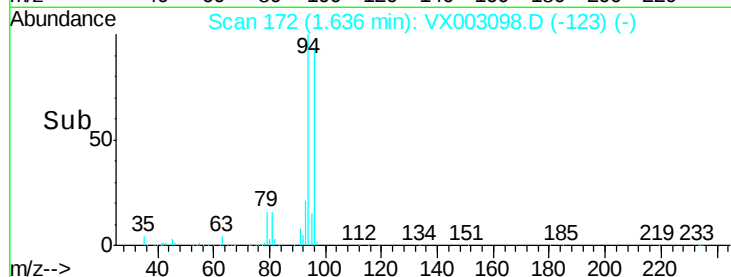
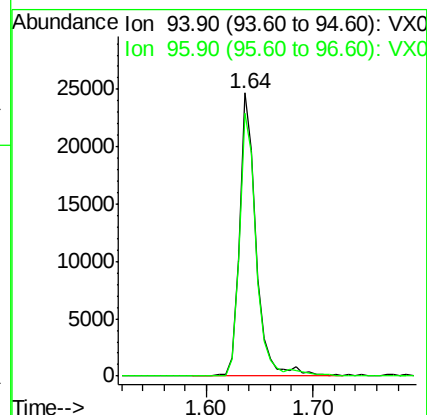
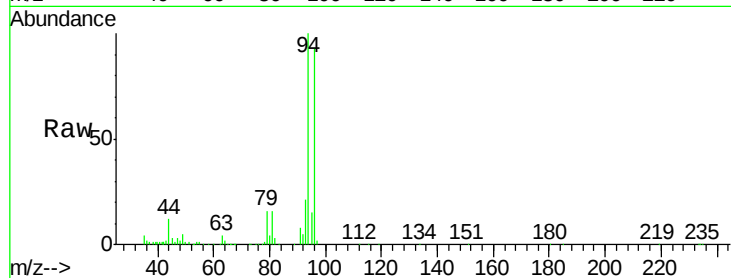
VX0630WBS02

Tot Ion: 94 Resp: 26975

Ion Ratio Lower Upper

94 100

96 92.7 74.9 112.3



#6

Chloroethane

Concen: 20.13 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003098.D

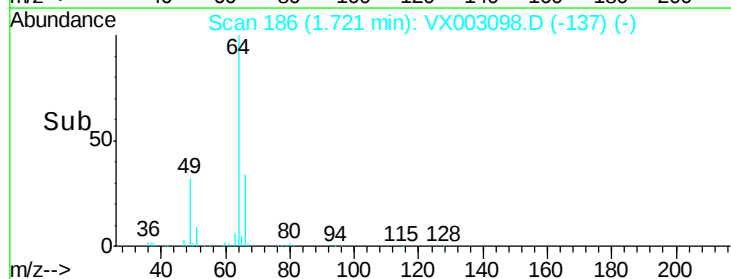
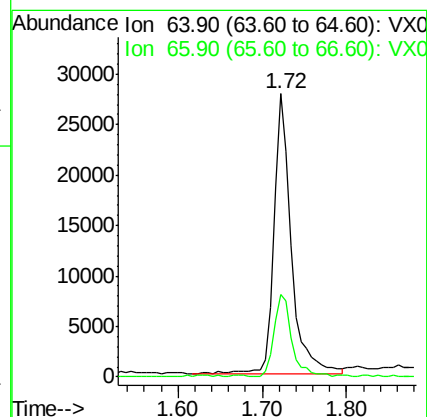
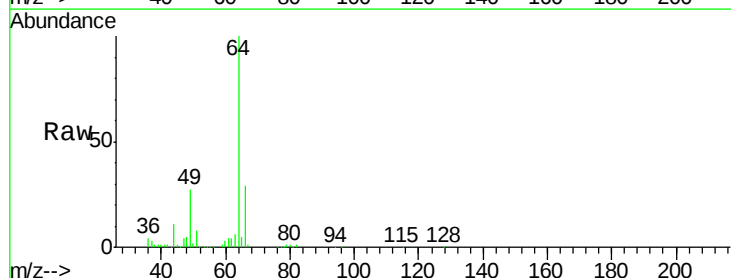
Acq: 01 Jul 2018 01:34

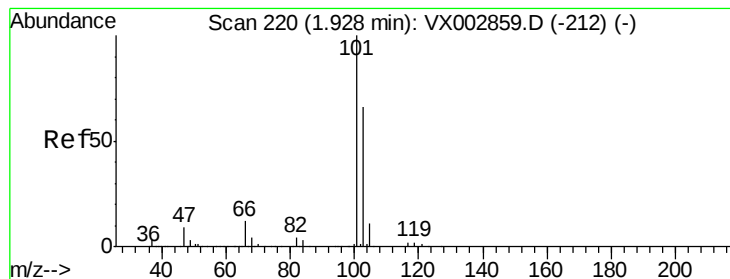
Tgt Ion: 64 Resp: 40148

Ion Ratio Lower Upper

64 100

66 29.1 25.5 38.3



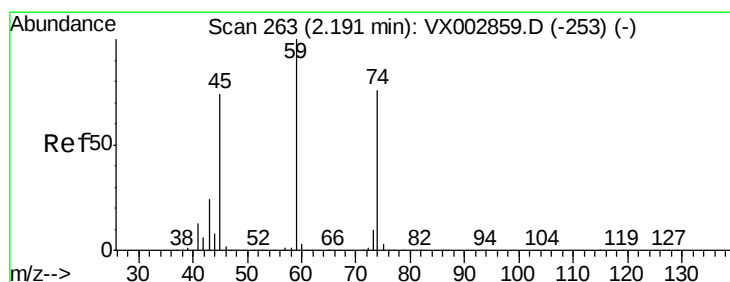
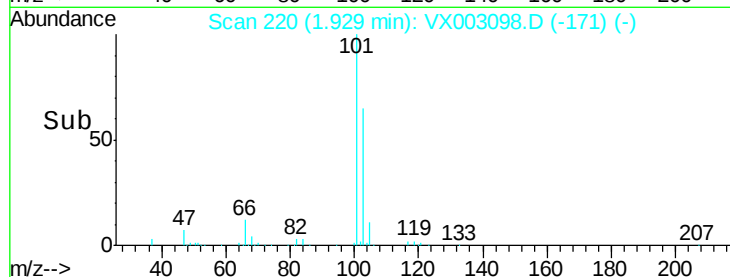
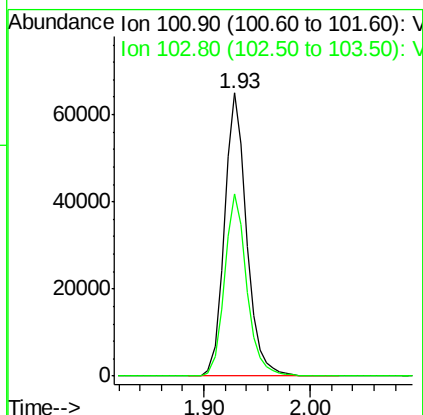
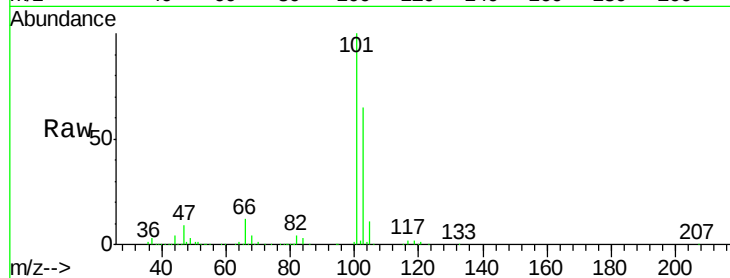


#7

Trichlorofluoromethane
 Concen: 17.53 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003098.D
 Acq: 01 Jul 2018 01:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS02

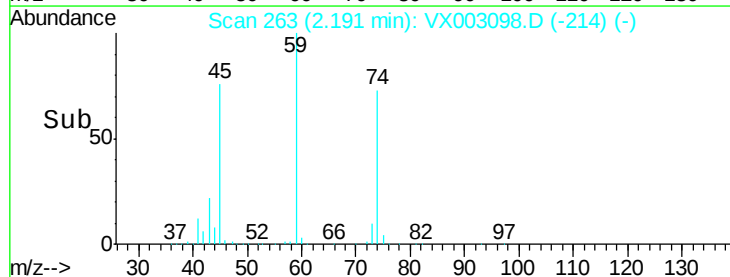
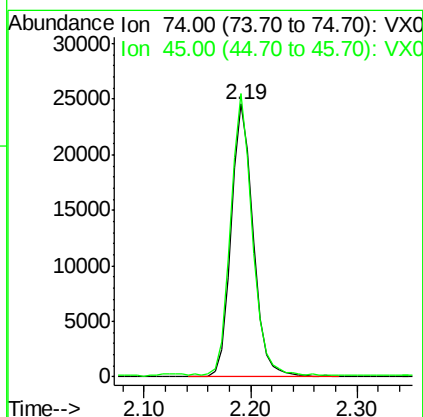
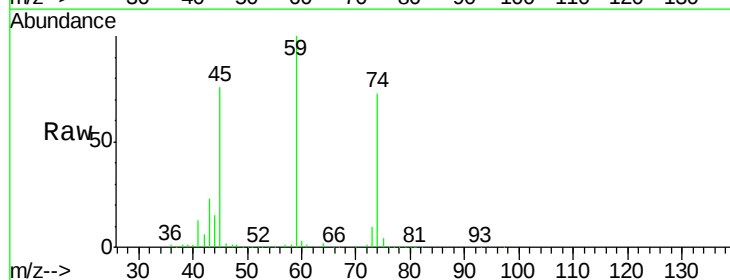
Tot Ion:101 Resp: 94575
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.8 79.2



#8

Diethyl Ether
 Concen: 18.28 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003098.D
 Acq: 01 Jul 2018 01:34

Tgt Ion: 74 Resp: 35840
 Ion Ratio Lower Upper
 74 100
 45 101.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.05 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

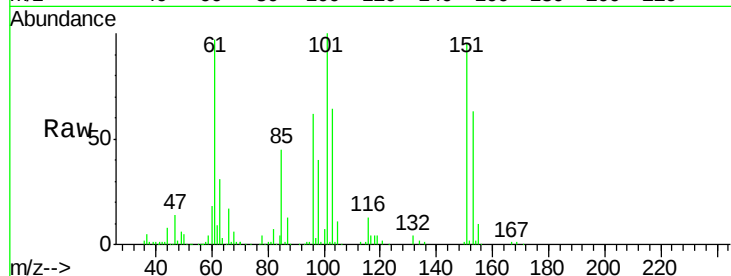
Tot Ion:101 Resp: 53285

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

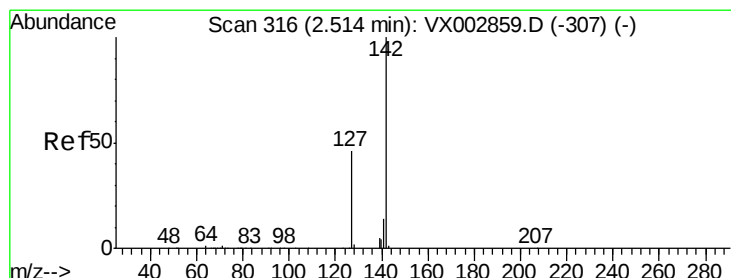
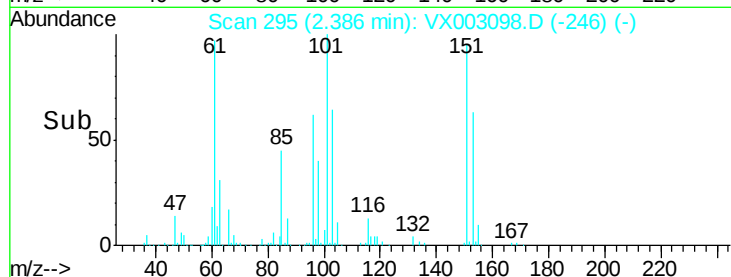
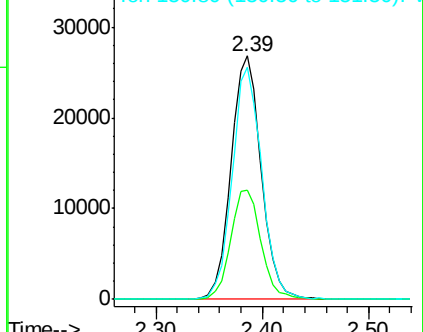
151 94.0 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.31 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

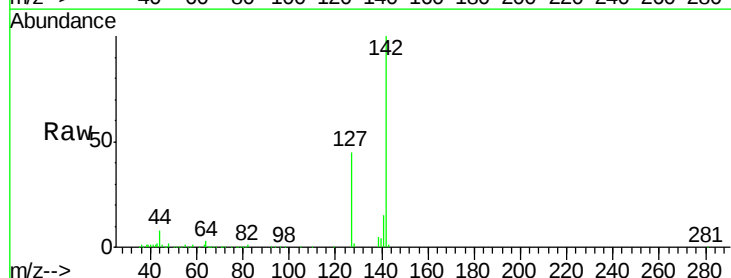
Tgt Ion:142 Resp: 47367

Ion Ratio Lower Upper

142 100

127 44.3 36.6 55.0

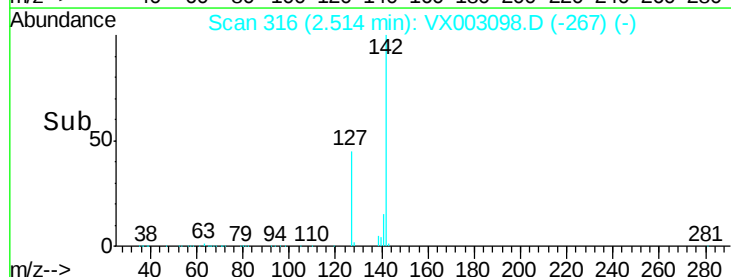
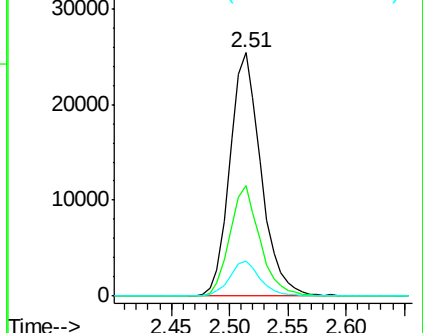
141 14.3 11.3 16.9

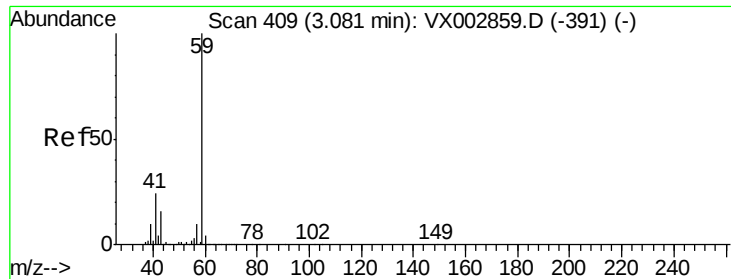


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

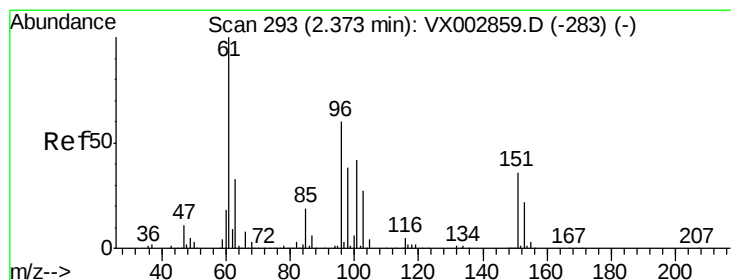
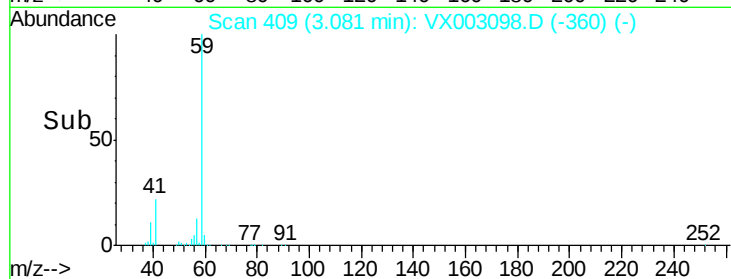
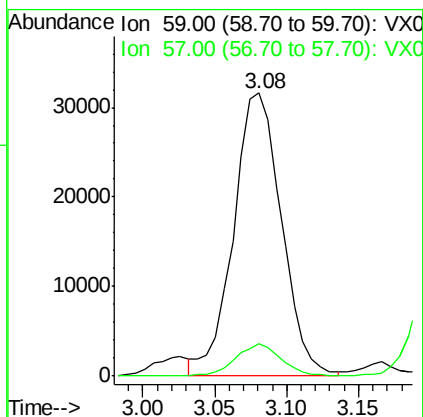
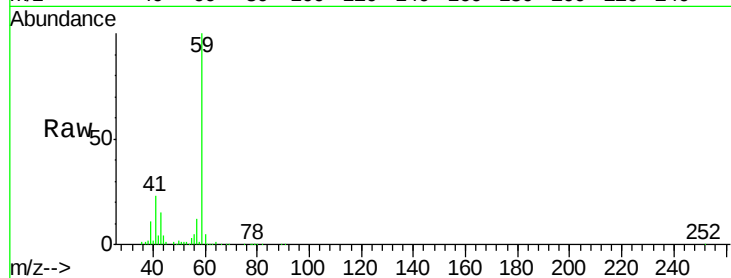




#11
Tert butyl alcohol
Concen: 93.92 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

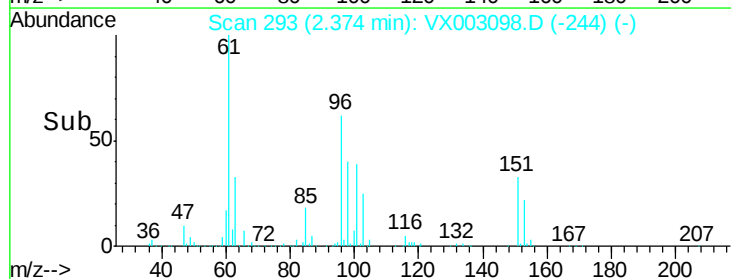
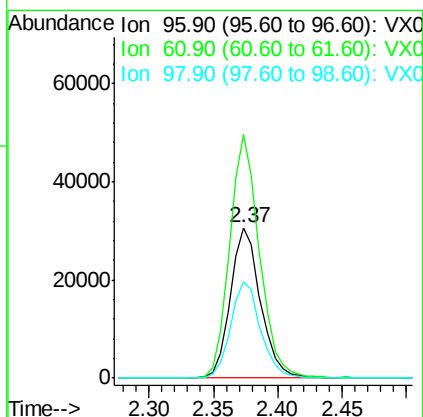
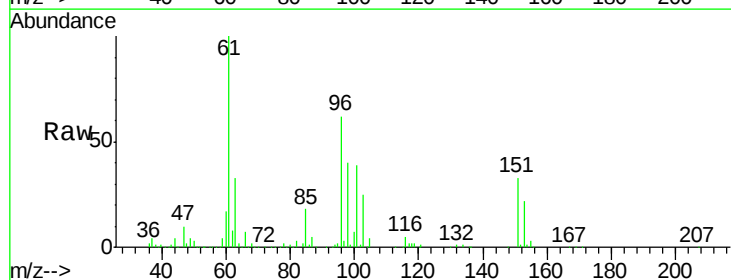
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

Tot Ion: 59 Resp: 73128
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 17.86 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

Tgt Ion: 96 Resp: 49803
Ion Ratio Lower Upper
96 100
61 161.7 137.9 206.9
98 63.8 51.6 77.4





#13

Acrolein

Concen: 80.70 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

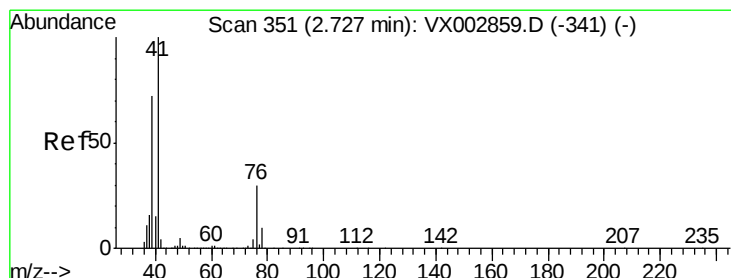
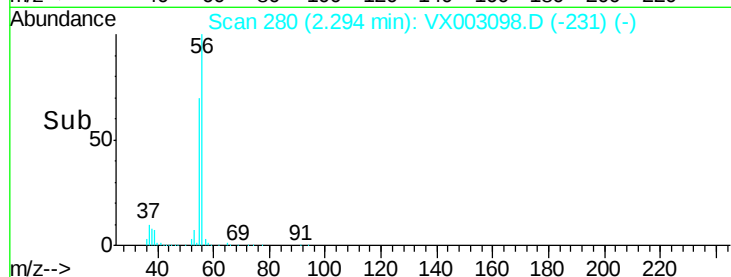
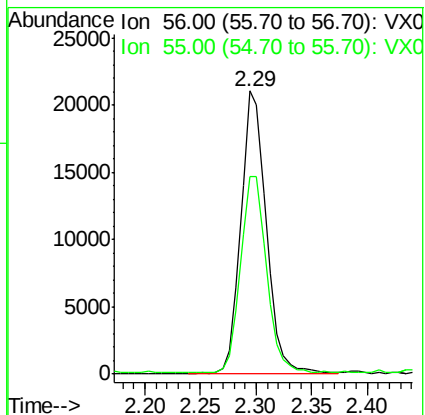
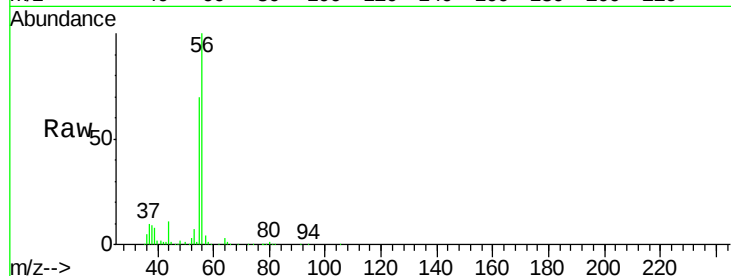
VX0630WBS02

Tot Ion: 56 Resp: 33576

Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.4



#14

Allyl chloride

Concen: 16.93 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

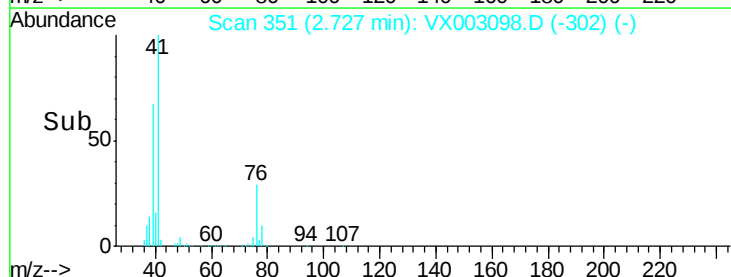
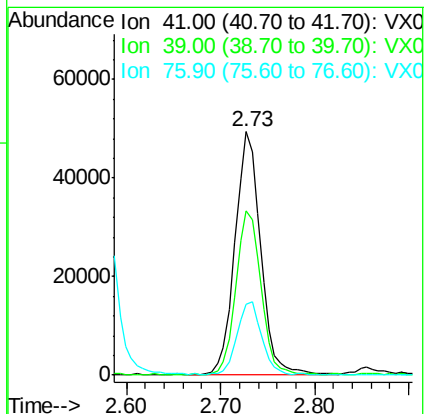
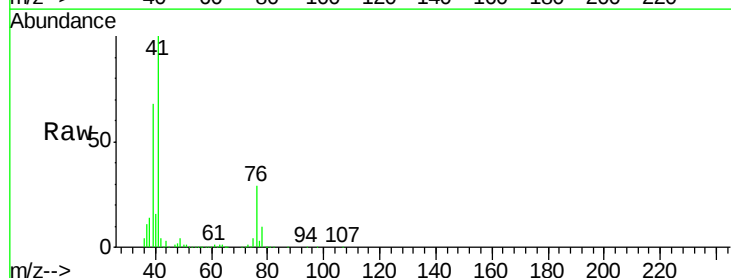
Tgt Ion: 41 Resp: 93042

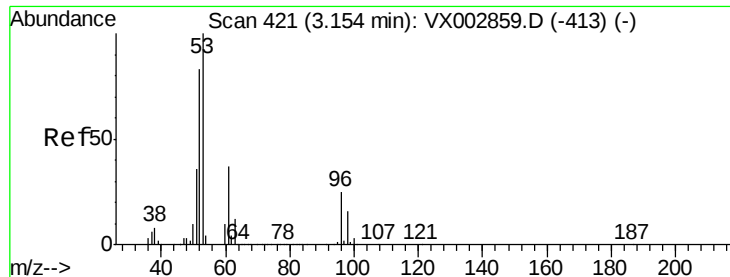
Ion Ratio Lower Upper

41 100

39 66.0 56.8 85.2

76 29.0 23.8 35.8

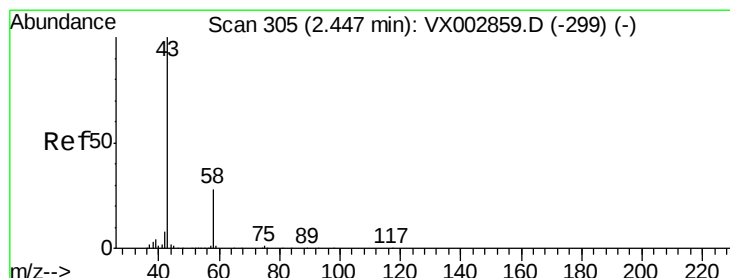
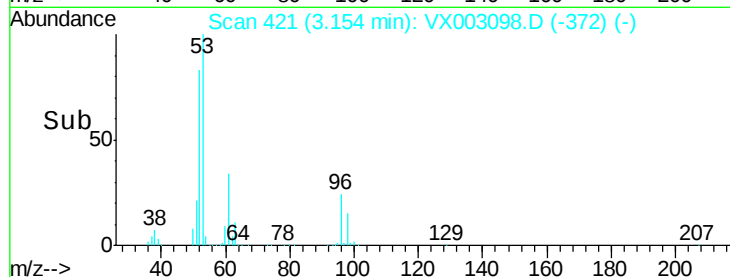
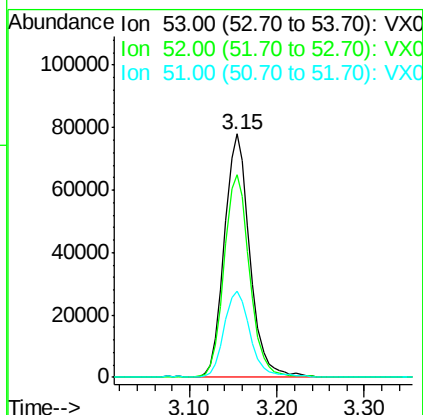
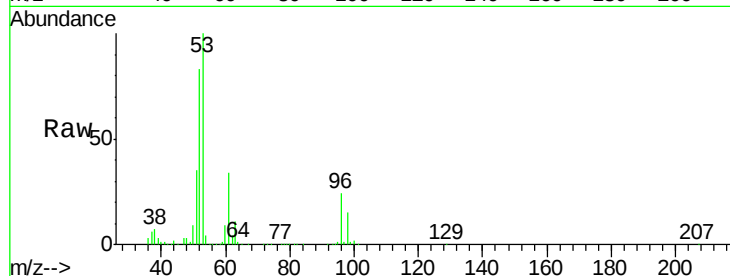




#15
 Acrylonitrile
 Concen: 93.81 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX003098.D
 Acq: 01 Jul 2018 01:34

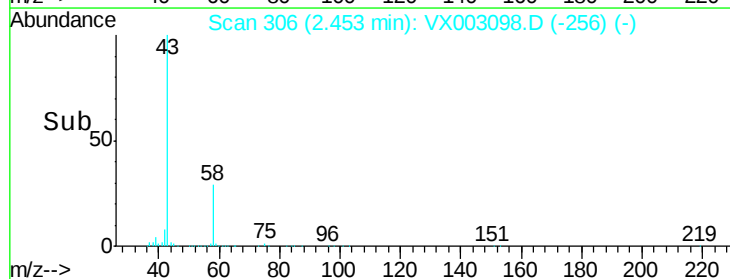
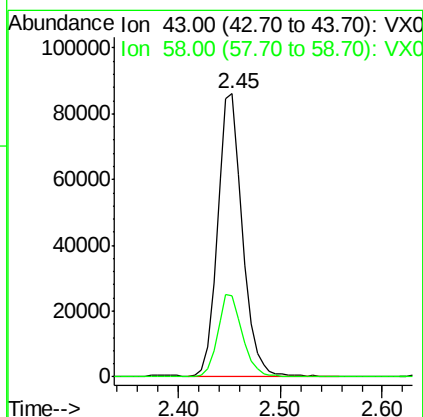
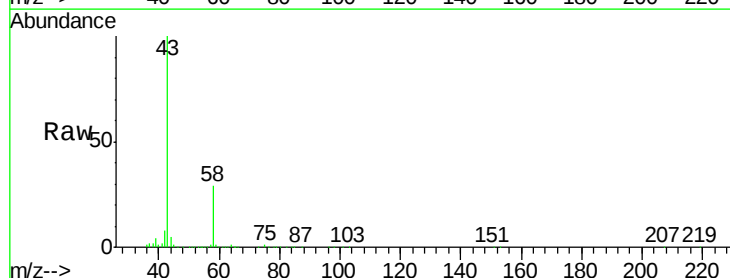
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0630WBS02

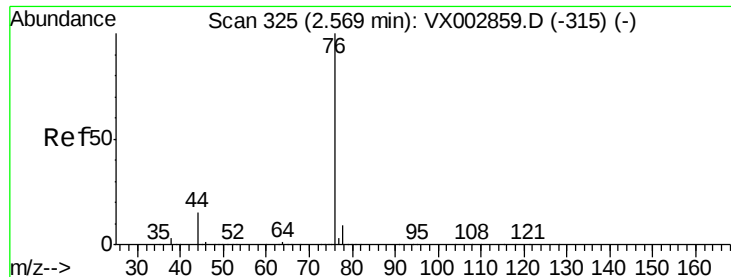
Tot Ion: 53 Resp: 156009
 Ion Ratio Lower Upper
 53 100
 52 83.8 66.7 100.1
 51 36.9 29.9 44.9



#16
 Acetone
 Concen: 89.62 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.01 min
 Lab File: VX003098.D
 Acq: 01 Jul 2018 01:34

Tgt Ion: 43 Resp: 145051
 Ion Ratio Lower Upper
 43 100
 58 28.7 22.1 33.1

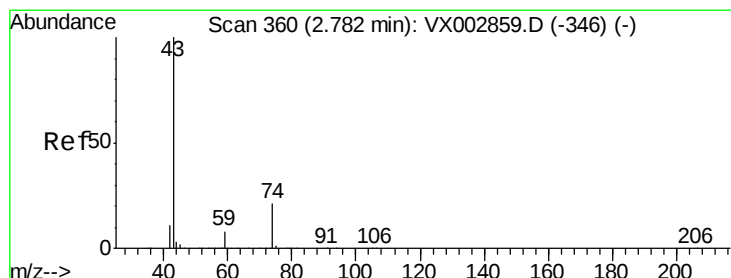
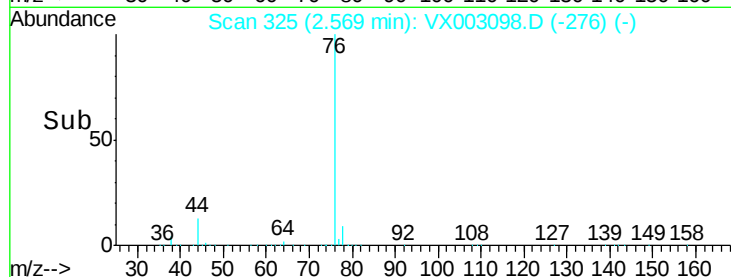
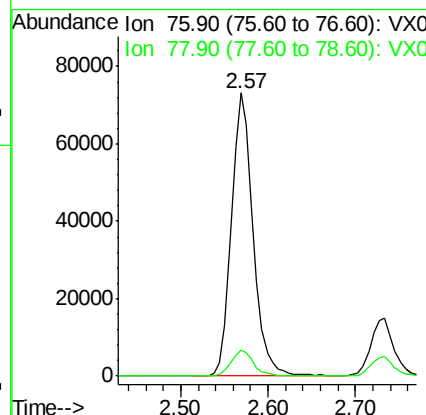
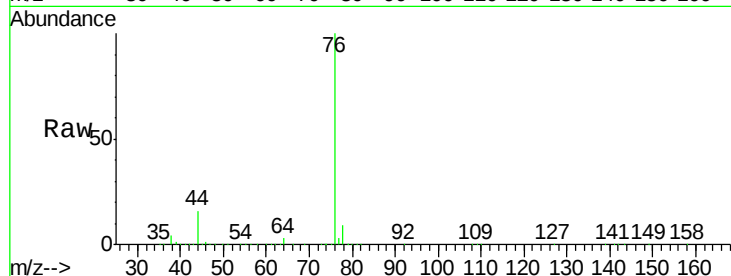




#17
Carbon Disulfide
Concen: 16.94 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

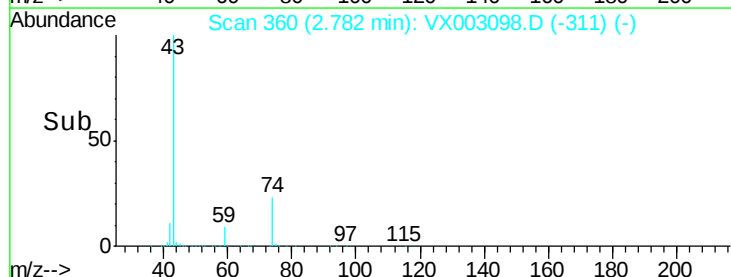
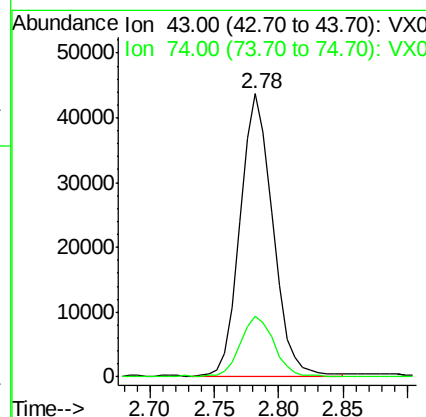
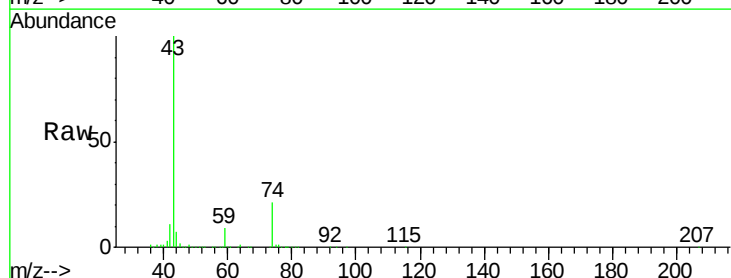
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

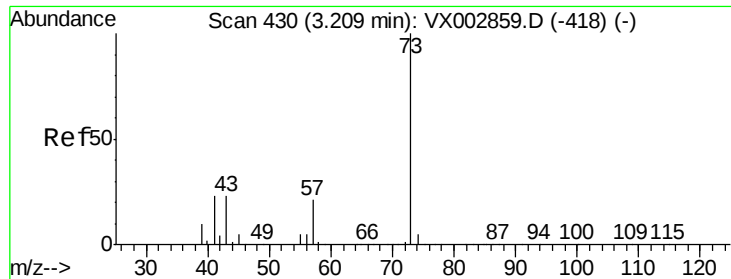
Tot Ion: 76 Resp: 125837
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 16.82 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

Tgt Ion: 43 Resp: 76121
Ion Ratio Lower Upper
43 100
74 22.9 16.7 25.1

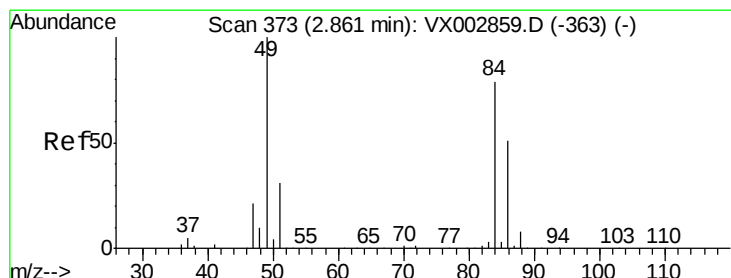
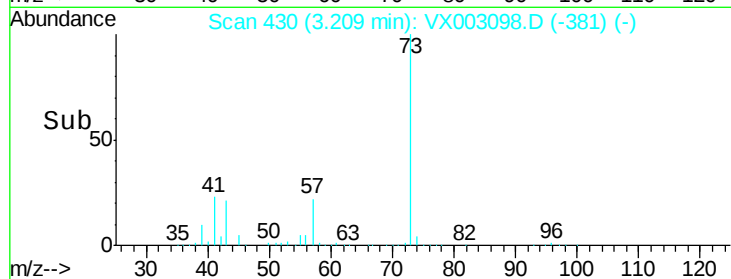
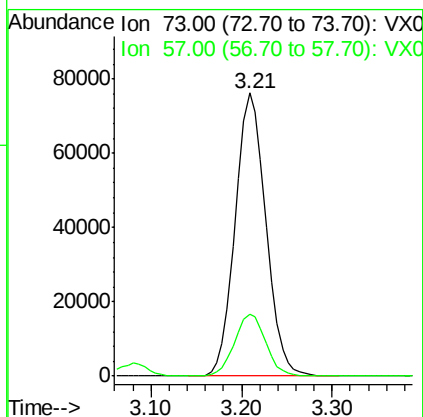
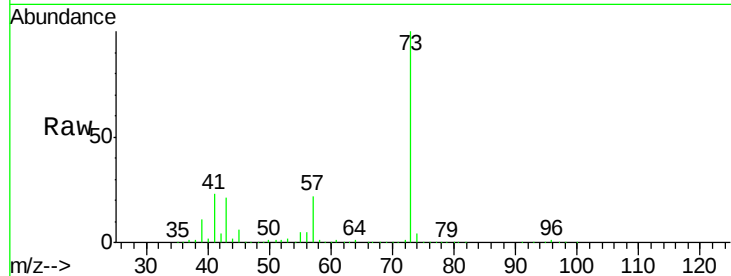




#19
Methyl tert-butyl Ether
Concen: 17.86 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

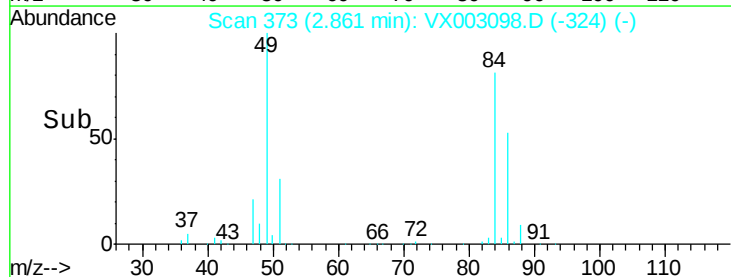
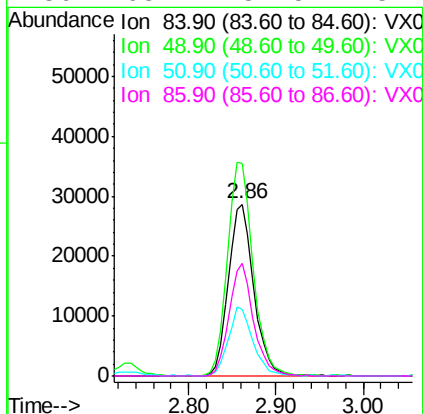
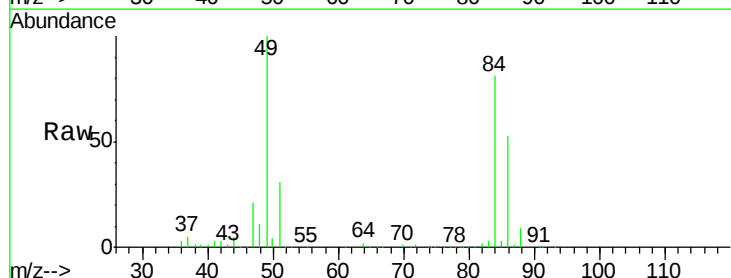
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

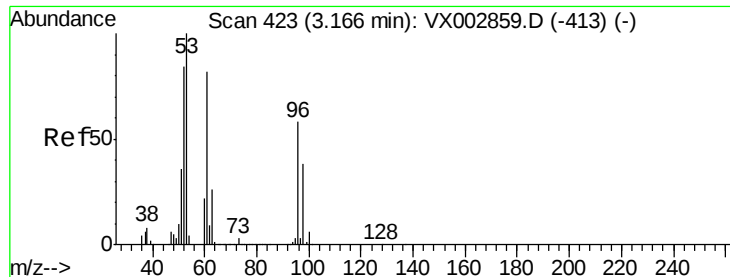
Tot Ion: 73 Resp: 179052
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 18.38 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

Tgt Ion: 84 Resp: 57903
Ion Ratio Lower Upper
84 100
49 123.1 107.8 161.6
51 38.4 32.8 49.2
86 65.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.43 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

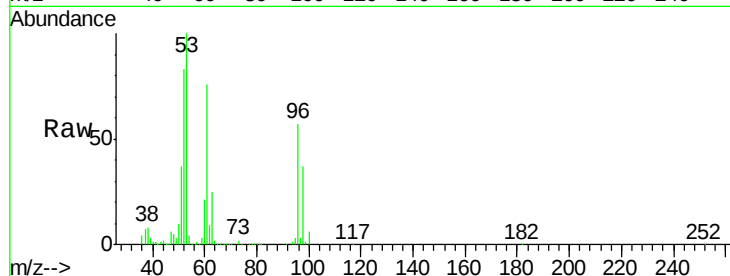
Tot Ion: 96 Resp: 52954

Ion Ratio Lower Upper

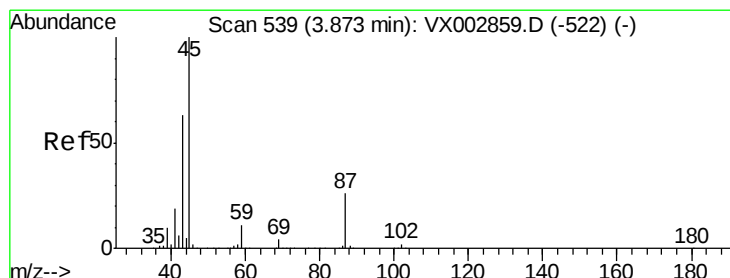
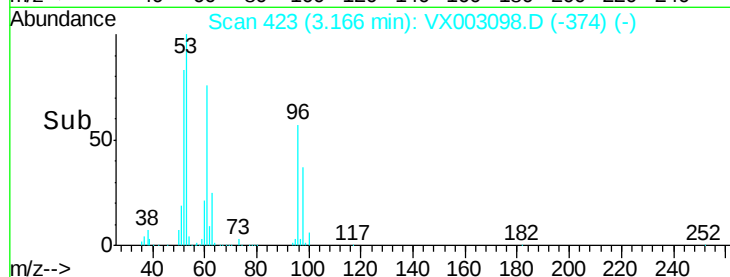
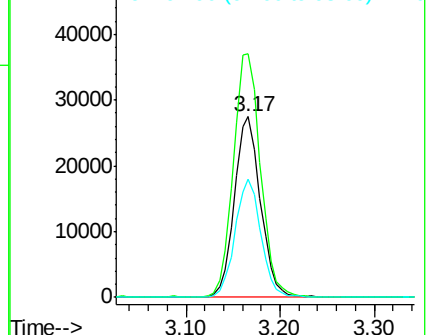
96 100

61 134.7 117.0 175.4

98 65.4 52.4 78.6



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



#22

Diisopropyl ether

Concen: 18.89 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Tgt Ion: 45 Resp: 198496

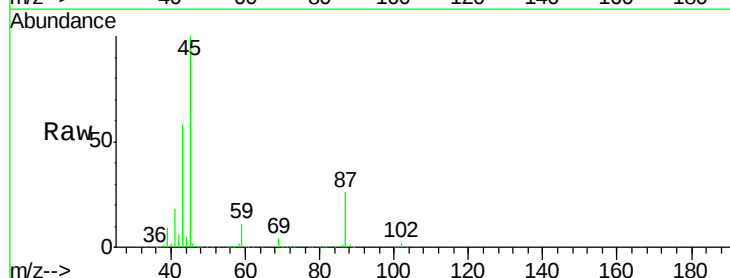
Ion Ratio Lower Upper

45 100

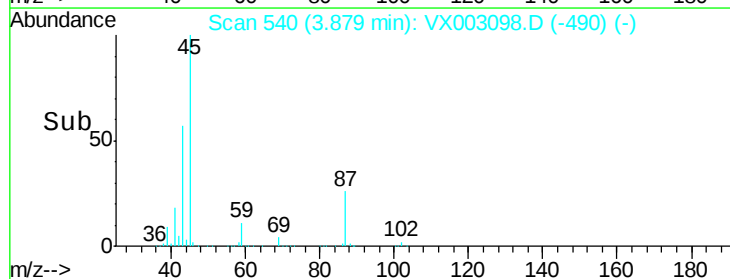
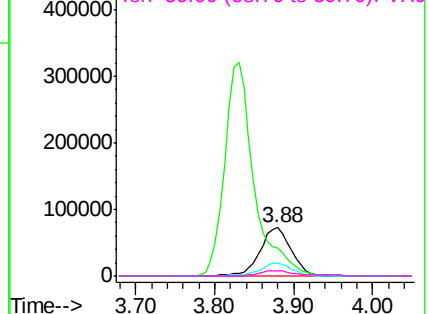
43 57.3 46.8 70.2

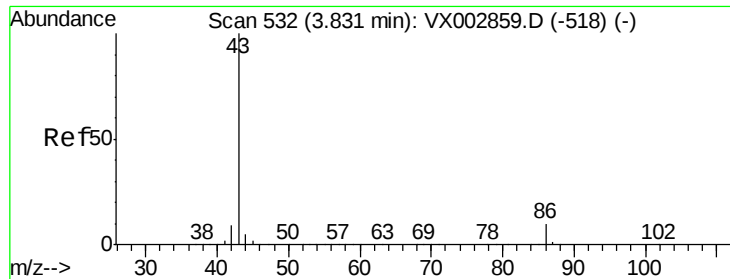
87 25.8 20.2 30.4

59 11.1 8.7 13.1



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





#23

Vinyl Acetate

Concen: 93.79 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

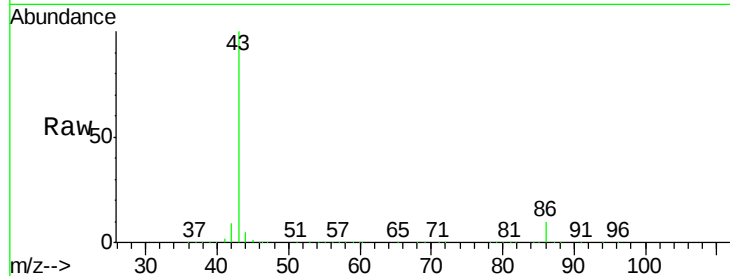
VX0630WBS02

Tot Ion: 43 Resp: 834535

Ion Ratio Lower Upper

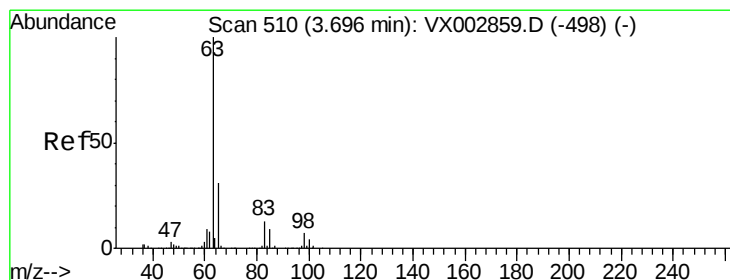
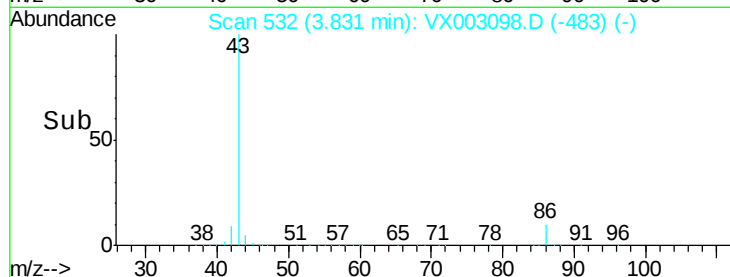
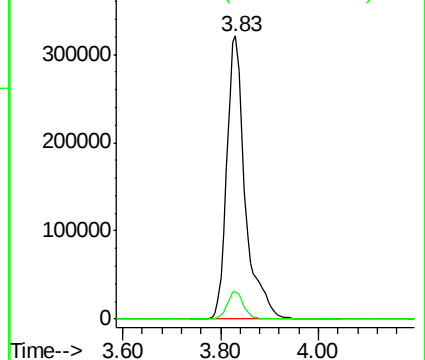
43 100

86 9.9 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.04 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

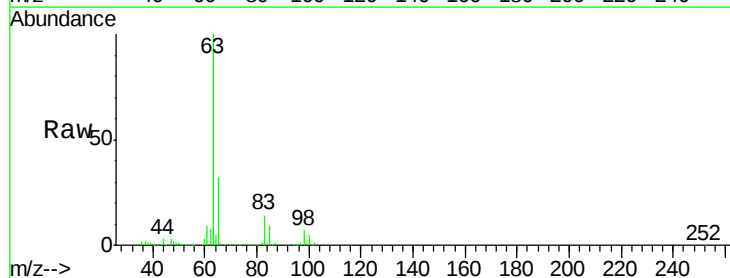
Tgt Ion: 63 Resp: 103010

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

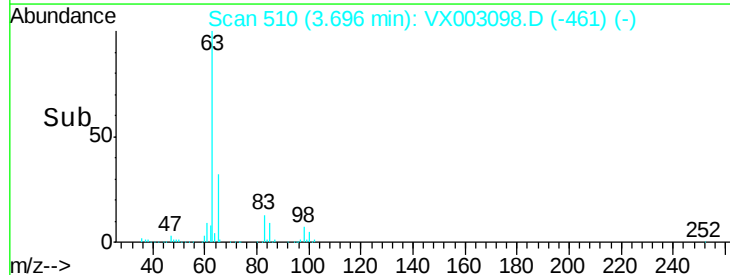
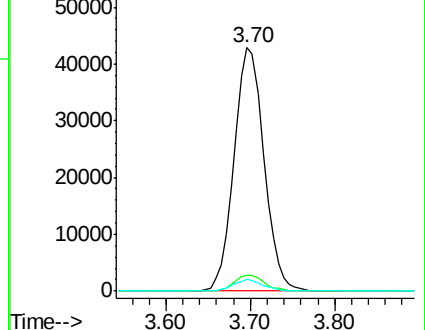
100 4.8 2.0 6.0

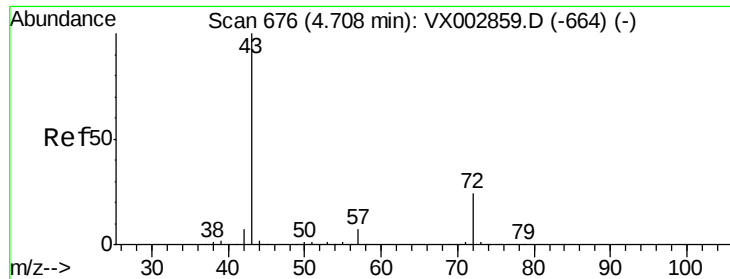


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.16 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

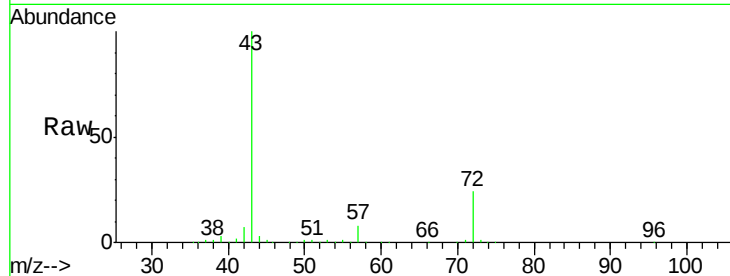
VX0630WBS02

Tot Ion: 43 Resp: 235783

Ion Ratio Lower Upper

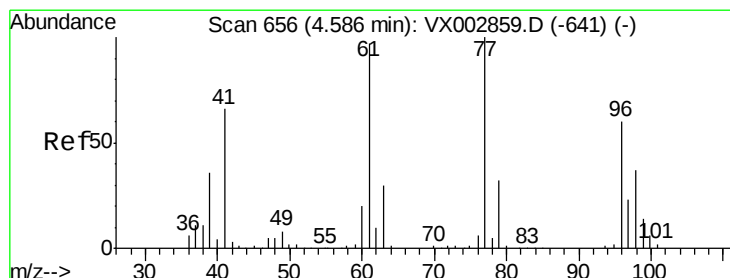
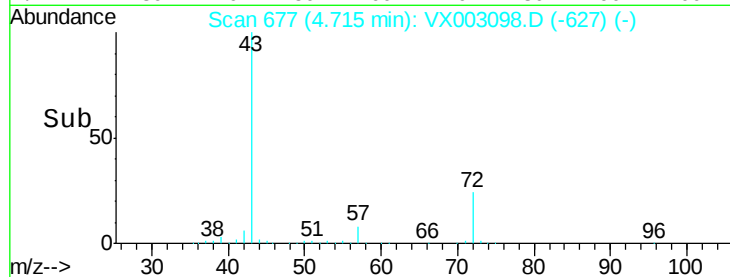
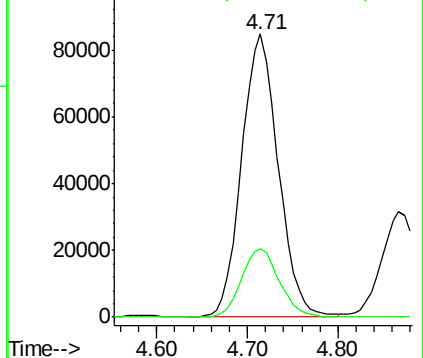
43 100

72 24.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 11.10 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003098.D

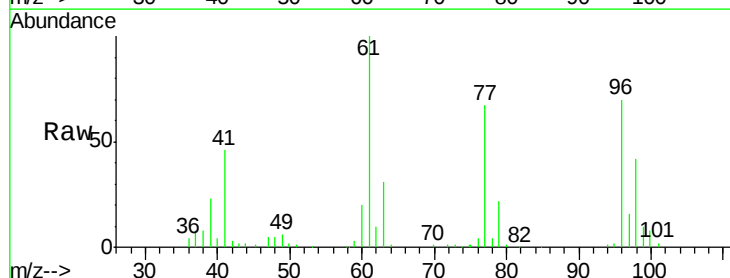
Acq: 01 Jul 2018 01:34

Tgt Ion: 77 Resp: 51532

Ion Ratio Lower Upper

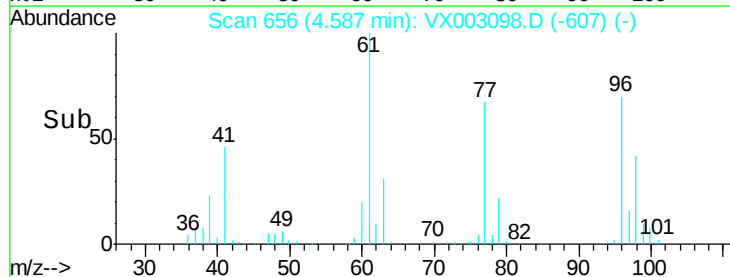
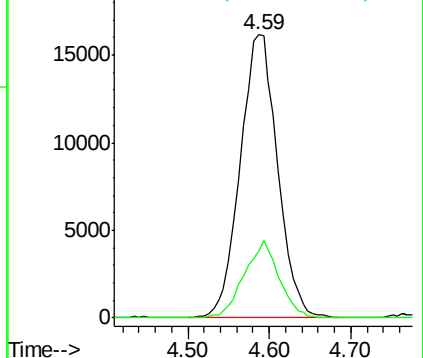
77 100

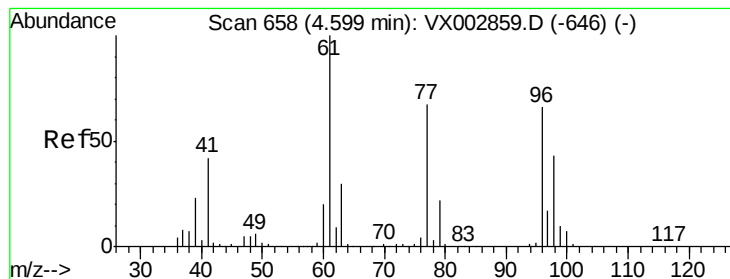
97 25.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



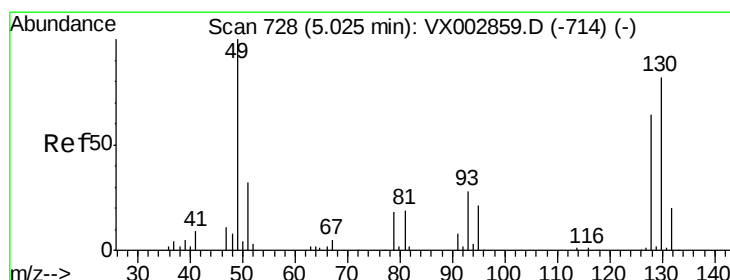
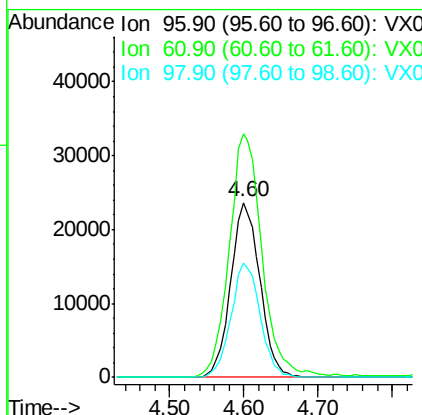
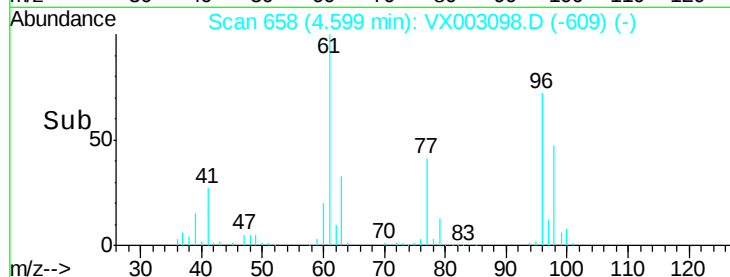
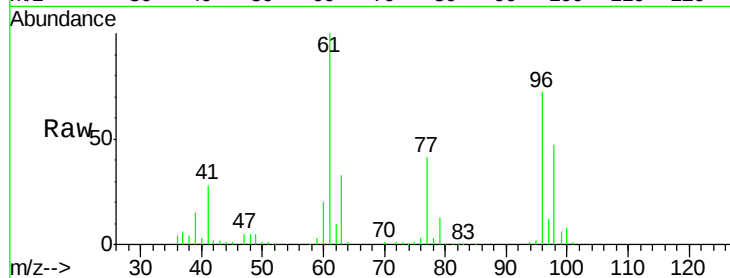


#27

cis-1,2-Dichloroethene
Concen: 19.13 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

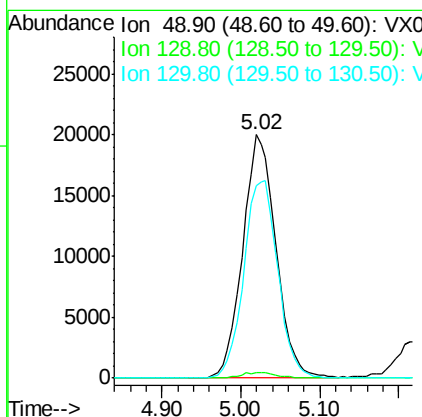
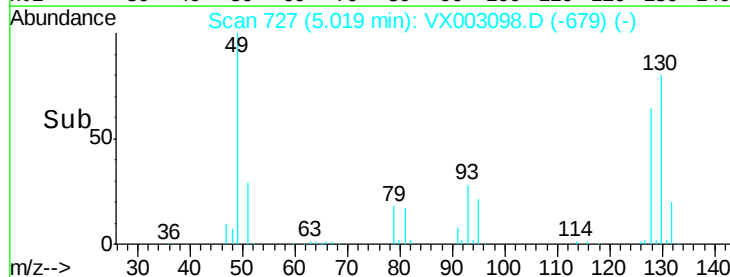
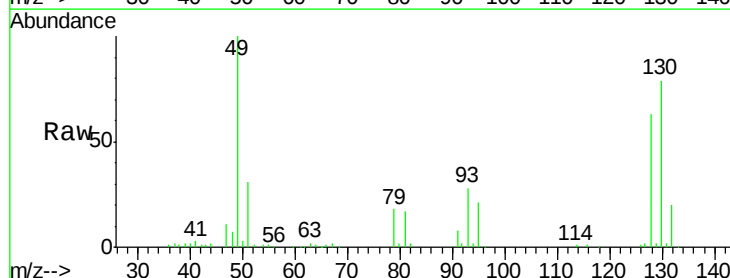
Tot Ion: 96 Resp: 65147
Ion Ratio Lower Upper
96 100
61 156.4 0.0 330.2
98 65.4 0.0 130.2

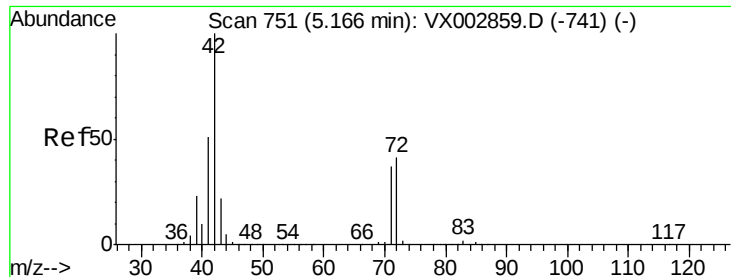


#28

Bromochloromethane
Concen: 21.43 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

Tgt Ion: 49 Resp: 58585
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 83.0 61.2 91.8

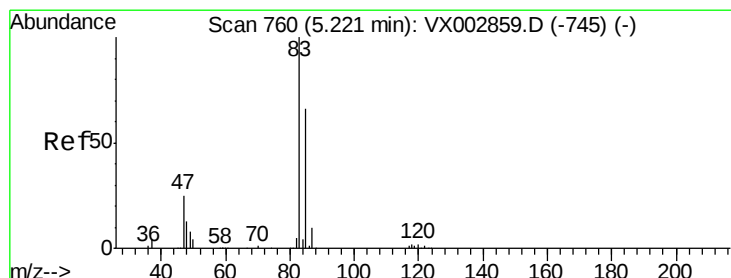
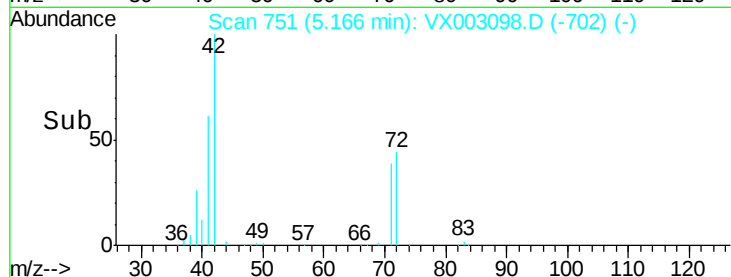
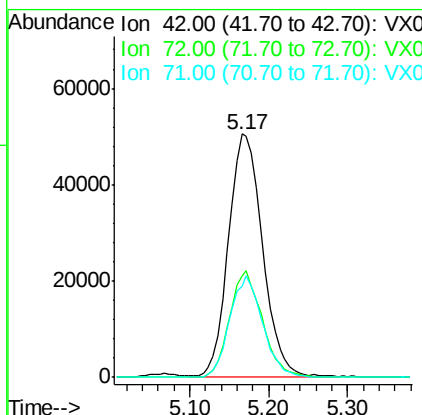
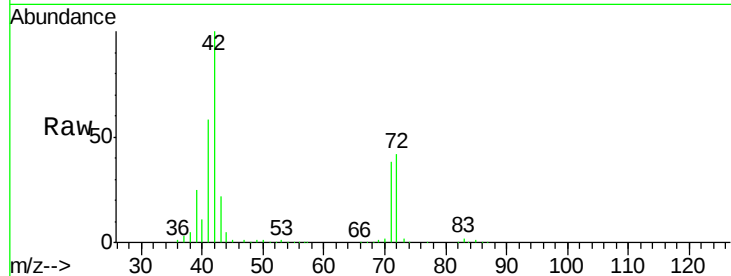




#29
Tetrahydrofuran
Concen: 98.06 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

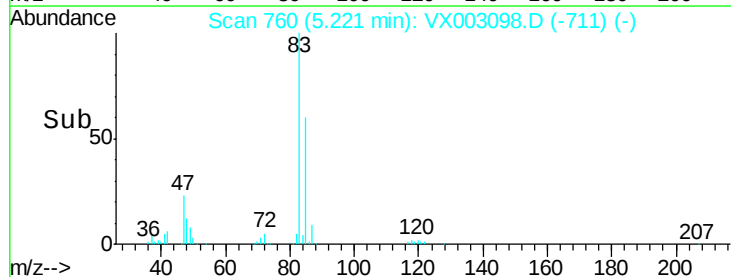
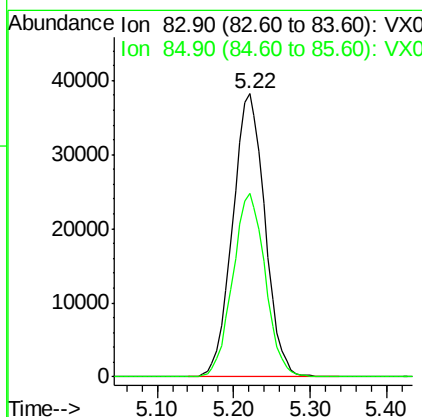
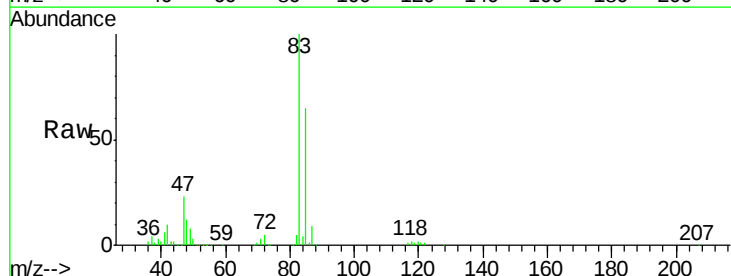
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

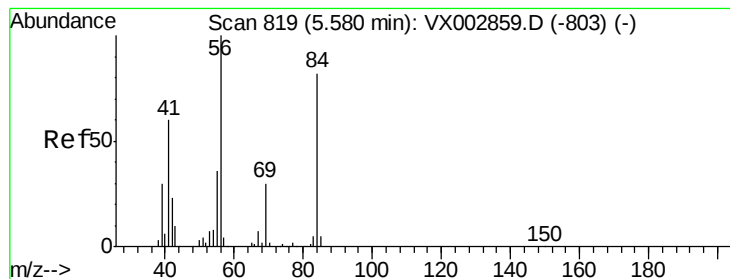
Tot Ion: 42 Resp: 151053
Ion Ratio Lower Upper
42 100
72 42.6 32.0 48.0
71 40.5 30.1 45.1



#30
Chloroform
Concen: 19.06 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

Tgt Ion: 83 Resp: 111704
Ion Ratio Lower Upper
83 100
85 65.0 50.4 75.6





#31

Cyclohexane

Concen: 18.44 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

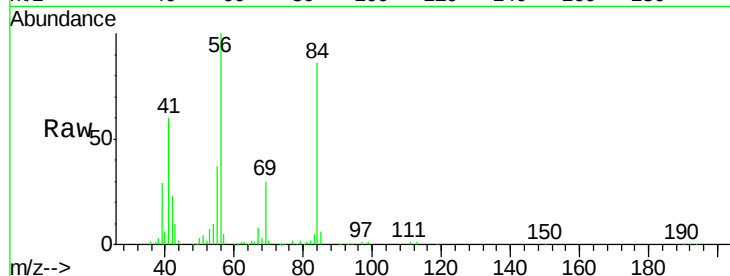
Tot Ion: 56 Resp: 90381

Ion Ratio Lower Upper

56 100

69 29.4 23.7 35.5

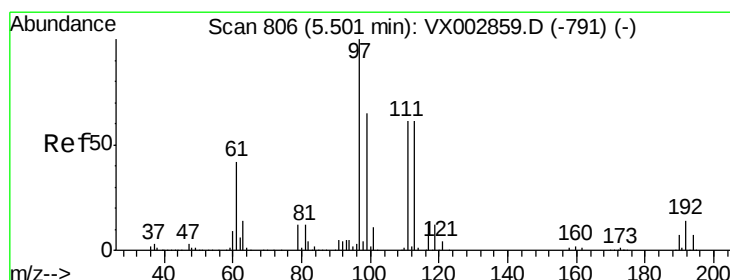
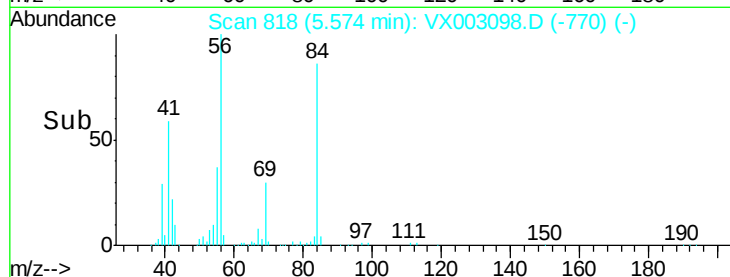
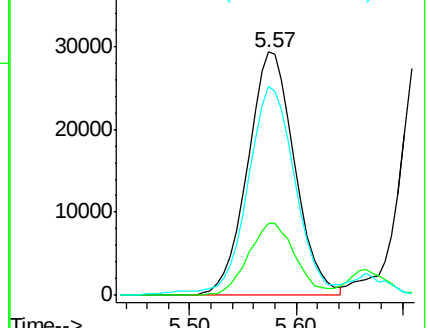
84 83.9 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.64 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

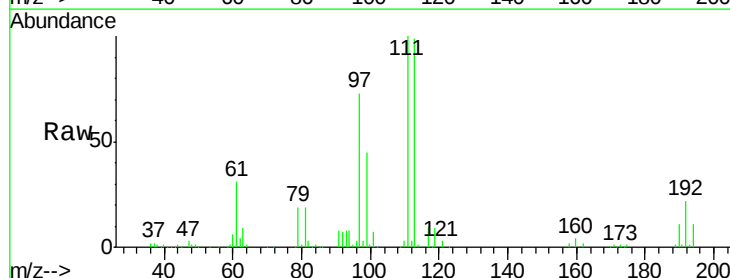
Tgt Ion: 97 Resp: 96144

Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

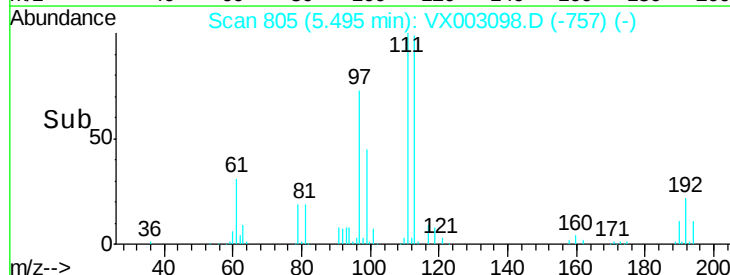
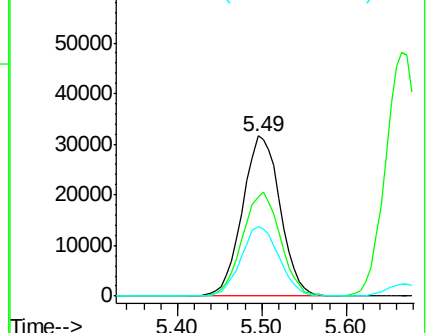
61 43.9 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

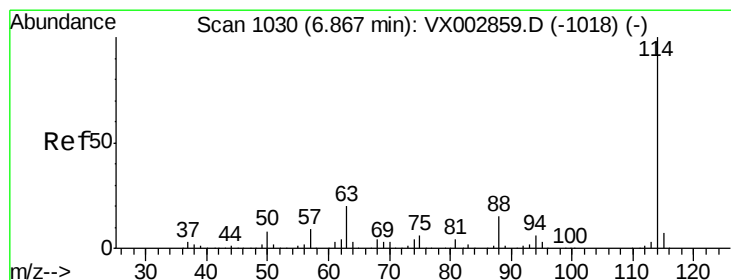
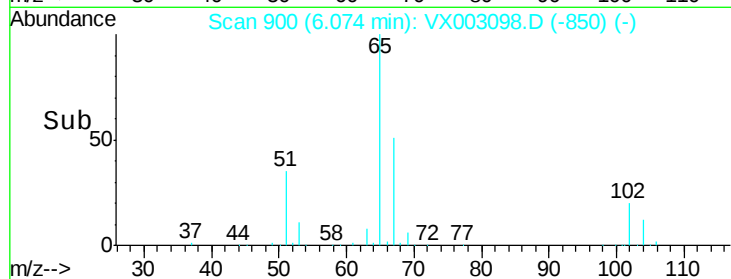
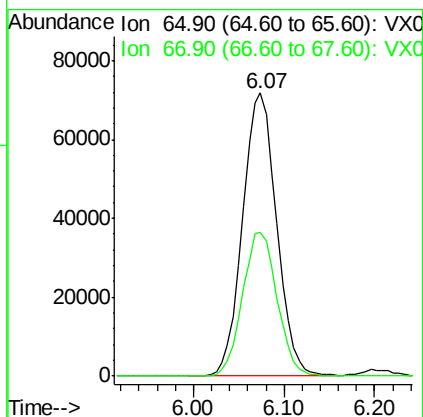
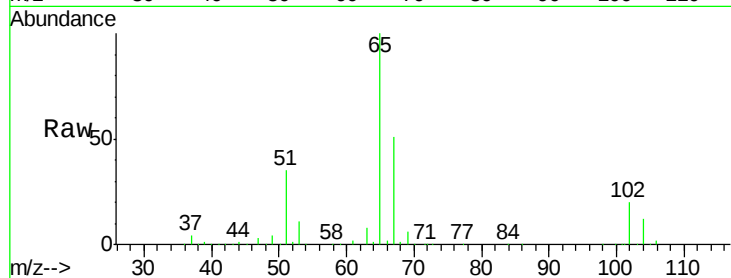




#33
 1,2-Dichloroethane-d4
 Concen: 47.72 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003098.D
 Acq: 01 Jul 2018 01:34

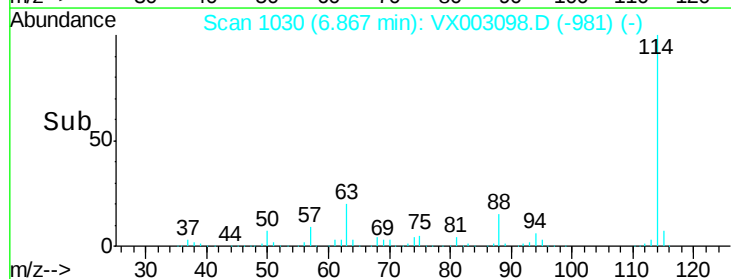
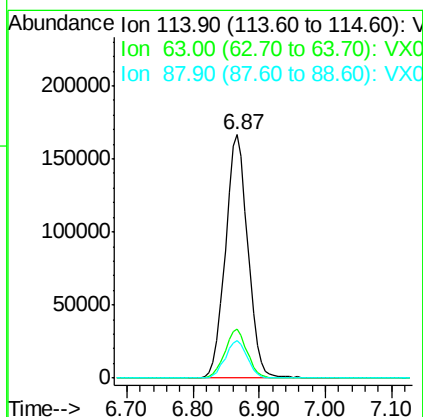
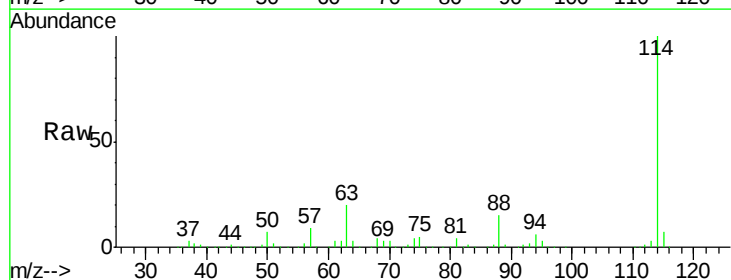
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS02

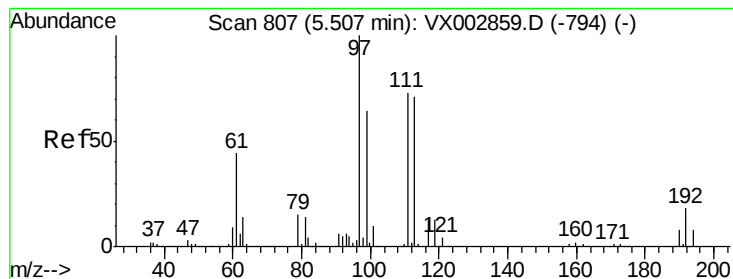
Tot Ion: 65 Resp: 186525
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003098.D
 Acq: 01 Jul 2018 01:34

Tgt Ion: 114 Resp: 390699
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.09 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

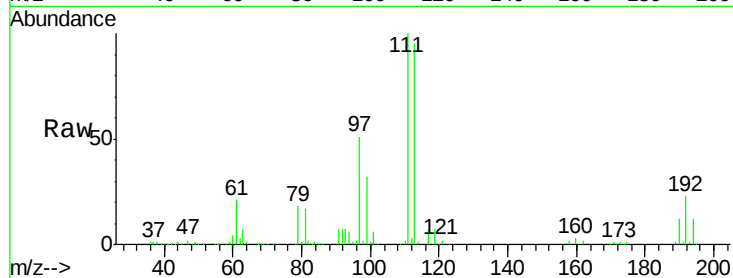
Tot Ion:113 Resp: 154991

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

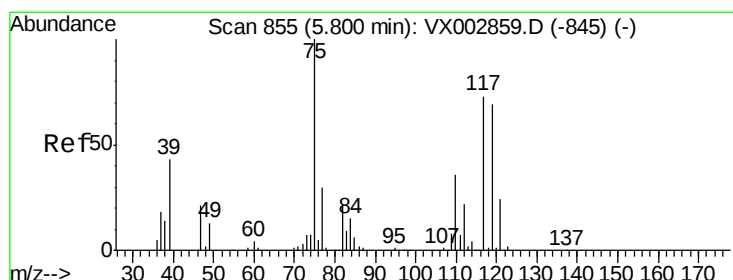
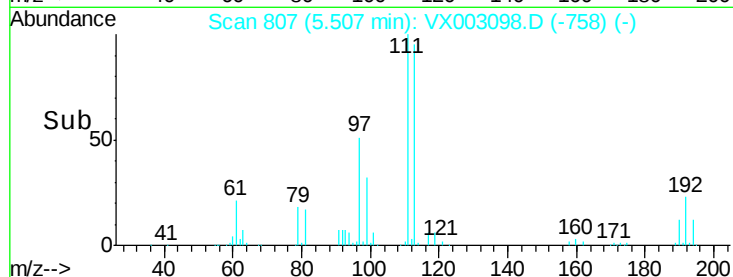
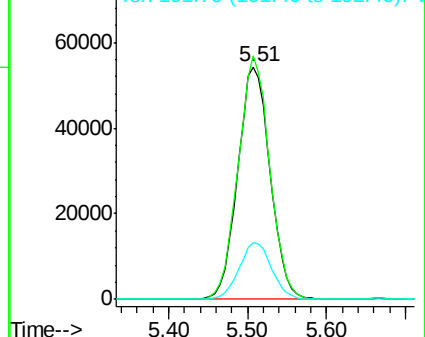
192 24.7 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.17 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

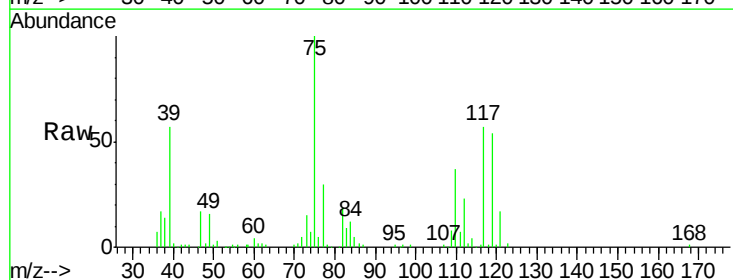
Tgt Ion: 75 Resp: 77857

Ion Ratio Lower Upper

75 100

110 37.4 18.1 54.4

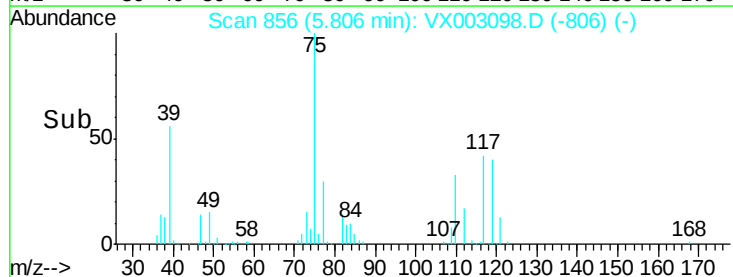
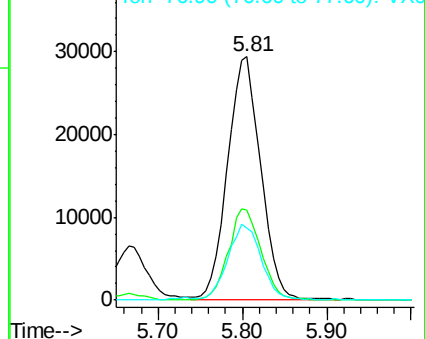
77 31.8 24.3 36.5

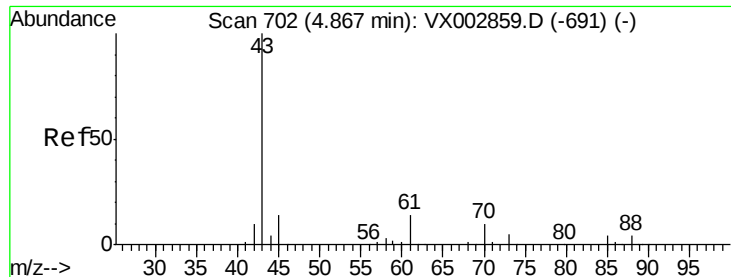


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

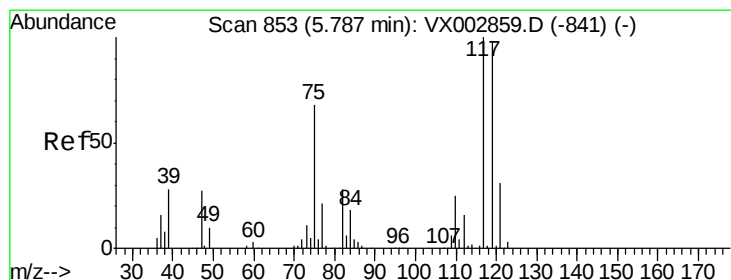
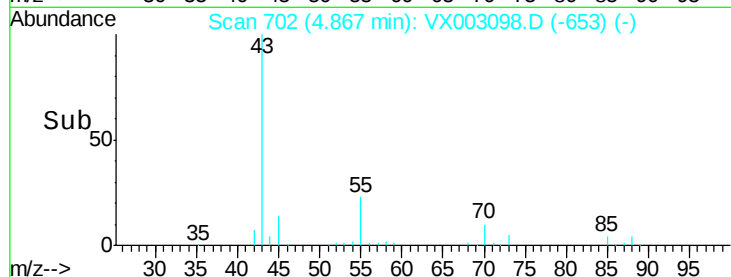
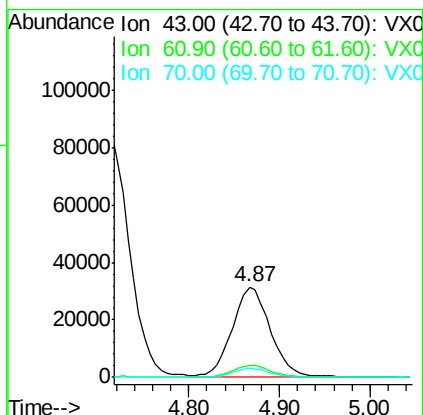
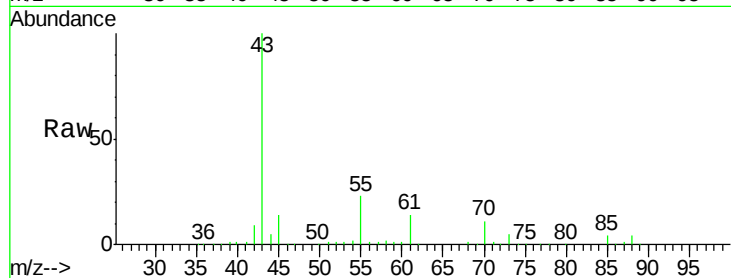




#37
Ethyl Acetate
Concen: 19.66 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

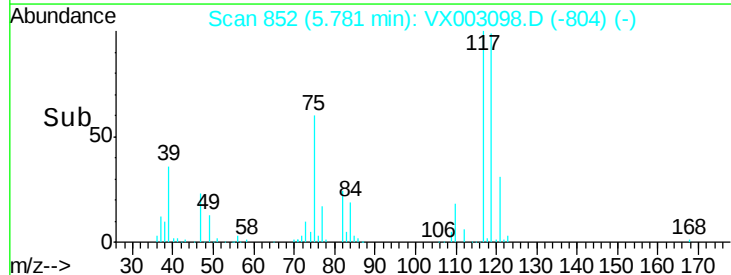
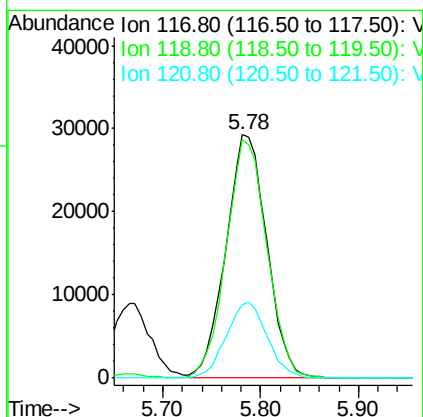
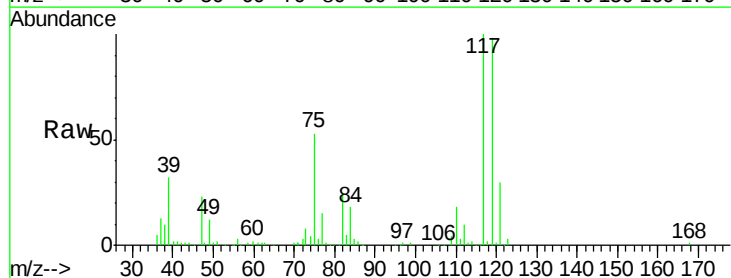
Instrument :
MSVOA_X
ClientSampled :
VX0630WBS02

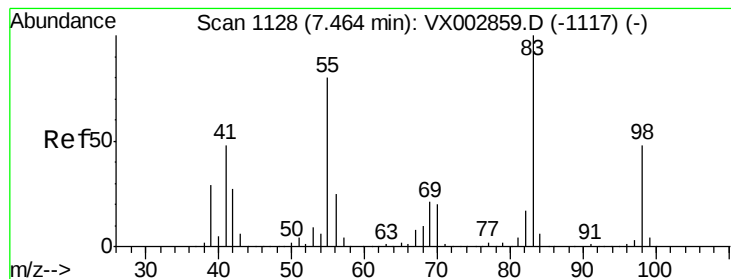
Tot Ion: 43 Resp: 90691
Ion Ratio Lower Upper
43 100
61 13.5 10.4 15.6
70 10.2 7.6 11.4



#38
Carbon Tetrachloride
Concen: 18.01 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

Tgt Ion: 117 Resp: 84700
Ion Ratio Lower Upper
117 100
119 98.4 77.4 116.0
121 30.1 24.4 36.6





#39

Methvlcvclohexane

Concen: 17.30 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

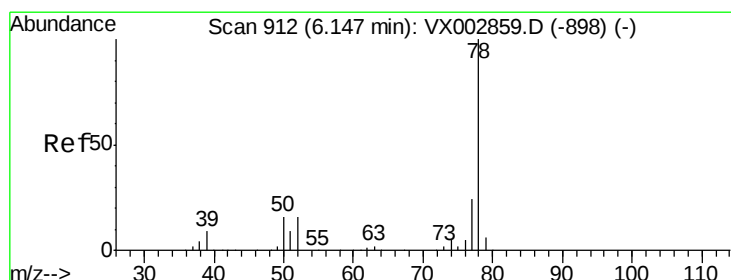
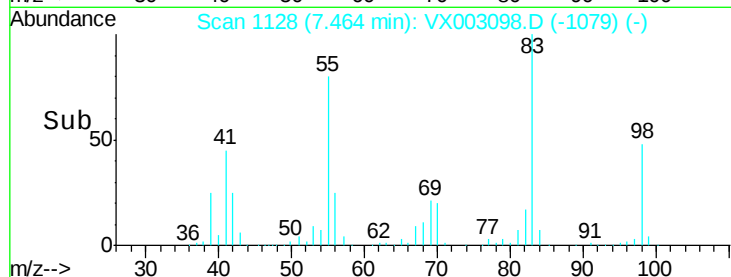
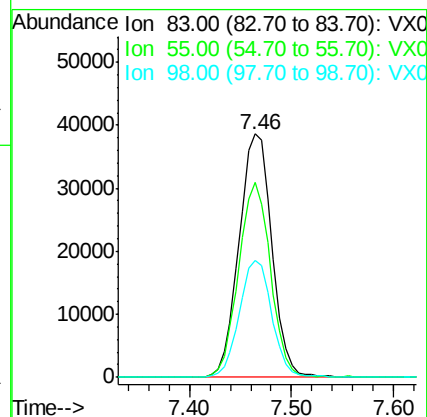
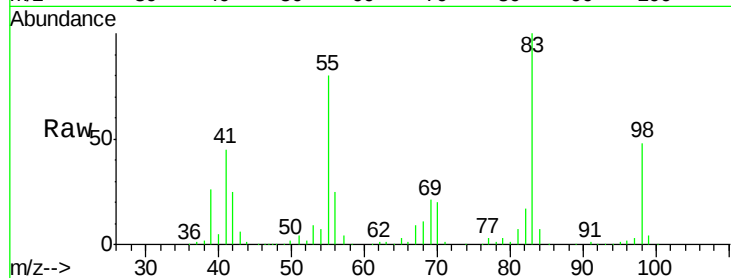
Tot Ion: 83 Resp: 86313

Ion Ratio Lower Upper

83 100

55 80.3 65.4 98.0

98 48.1 37.4 56.0



#40

Benzene

Concen: 19.16 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003098.D

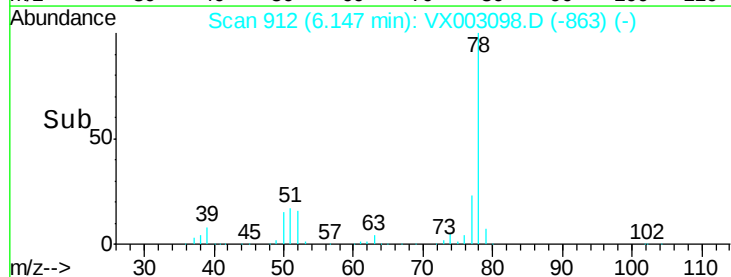
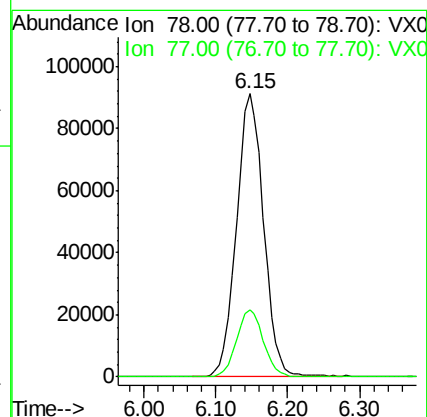
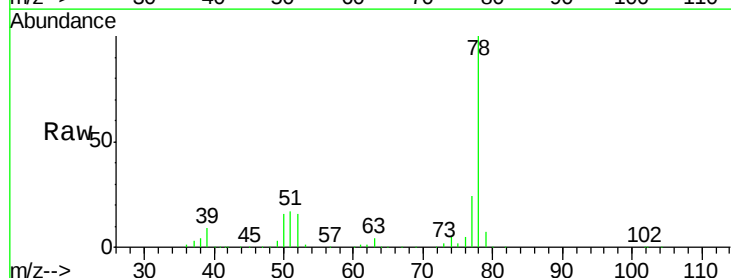
Acq: 01 Jul 2018 01:34

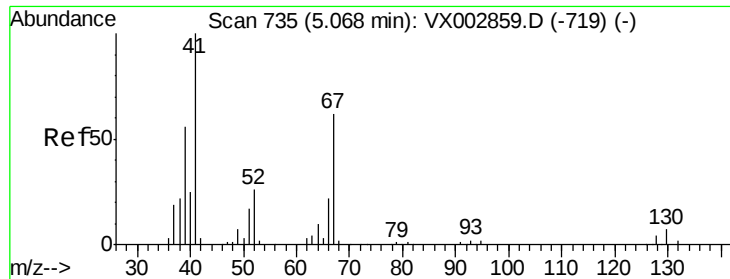
Tgt Ion: 78 Resp: 238533

Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7

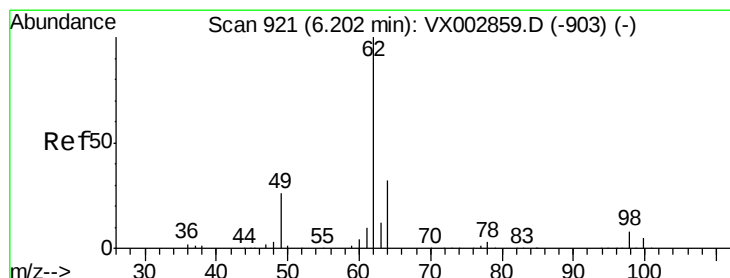
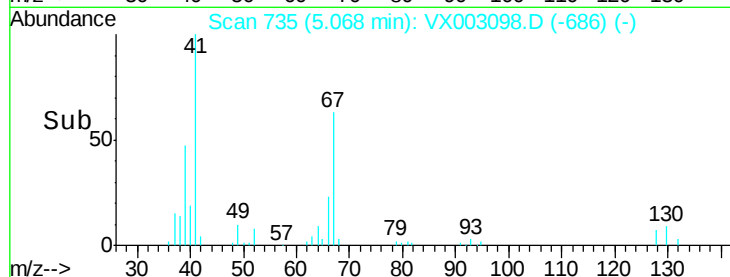
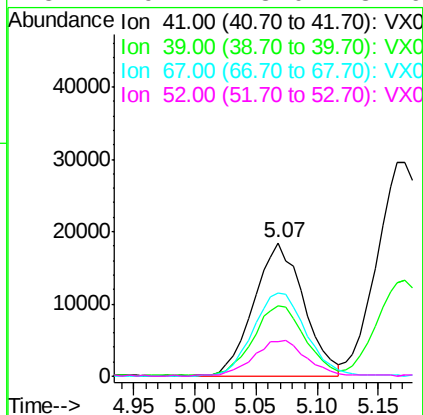
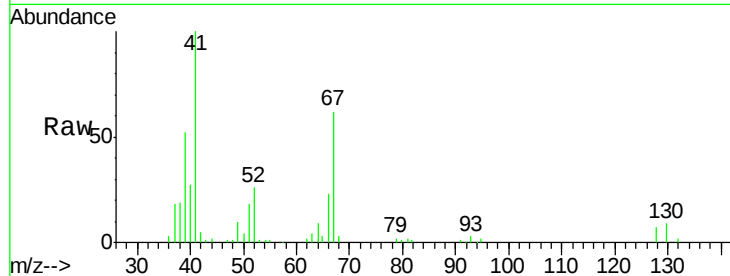




#41
Methacrylonitrile
Concen: 19.65 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

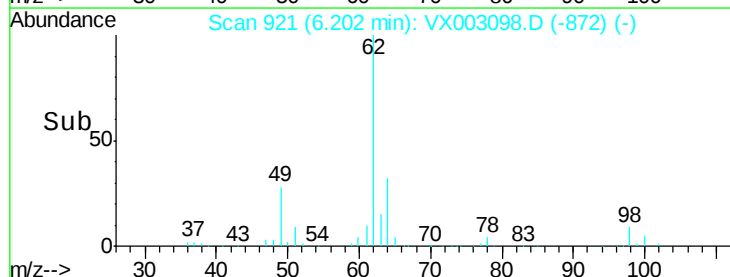
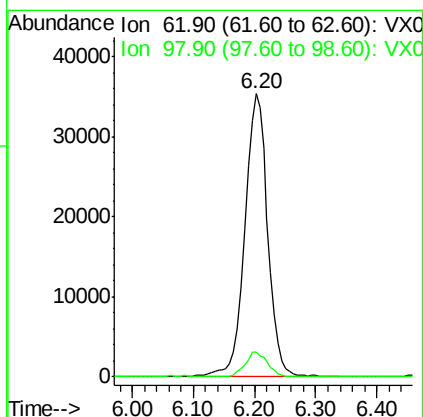
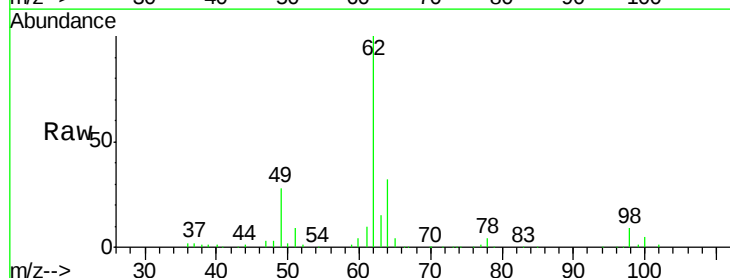
Instrument :
MSVOA_X
ClientSampled :
VX0630WBS02

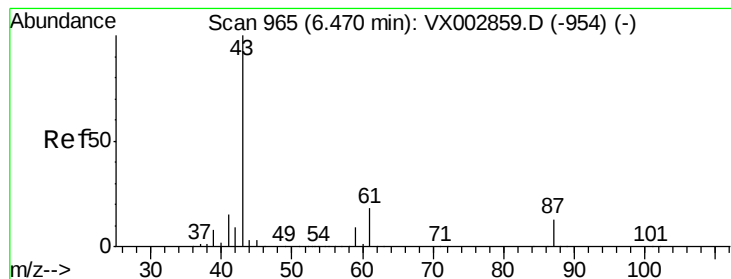
Tot Ion:	41	Resp:	52193
Ion	Ratio	Lower	Upper
41	100		
39	53.9	45.8	68.6
67	66.9	51.3	76.9
52	29.2	23.0	34.6



#42
1,2-Dichloroethane
Concen: 18.29 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

Tgt Ion:	62	Resp:	91958
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.36 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

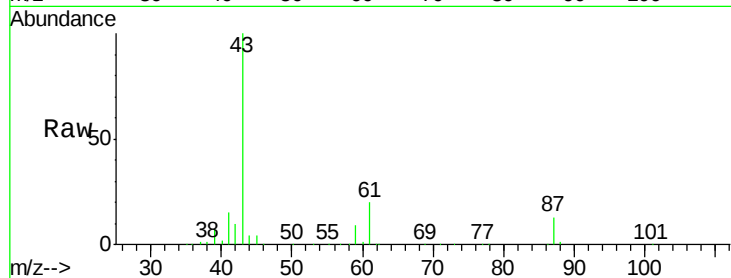
Tot Ion: 43 Resp: 142079

Ion Ratio Lower Upper

43 100

61 19.6 14.4 21.6

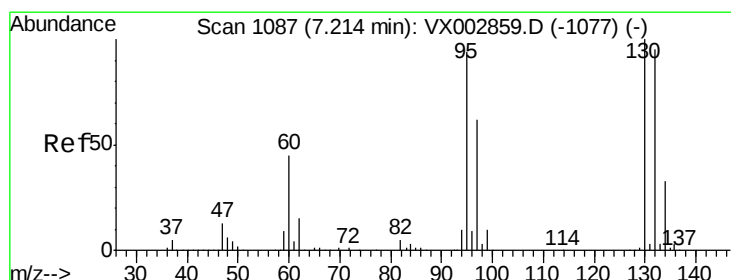
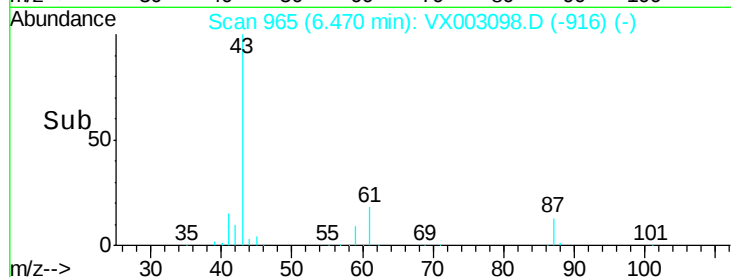
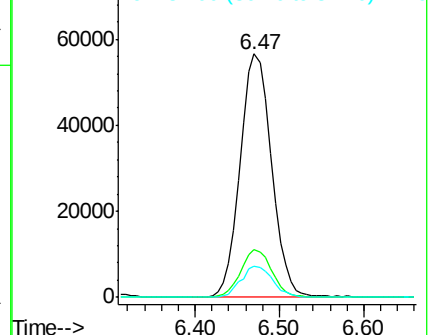
87 13.0 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.74 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003098.D

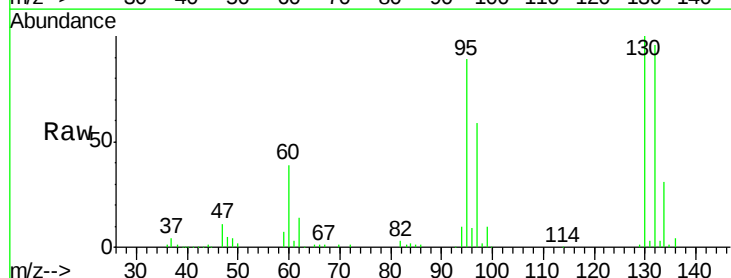
Acq: 01 Jul 2018 01:34

Tgt Ion: 130 Resp: 69547

Ion Ratio Lower Upper

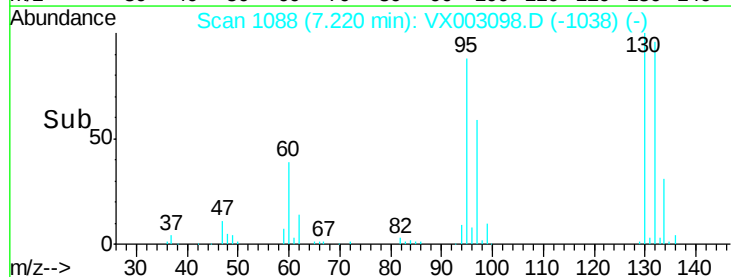
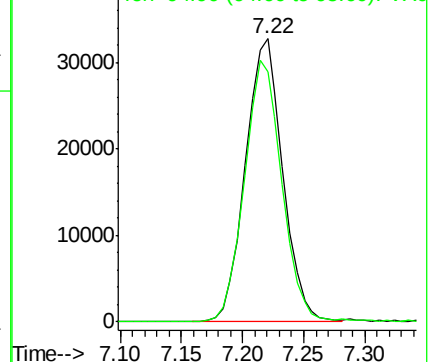
130 100

95 88.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

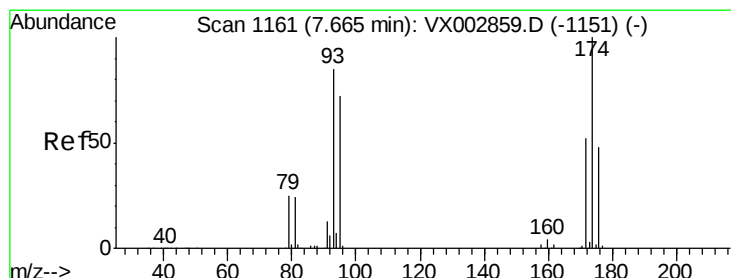
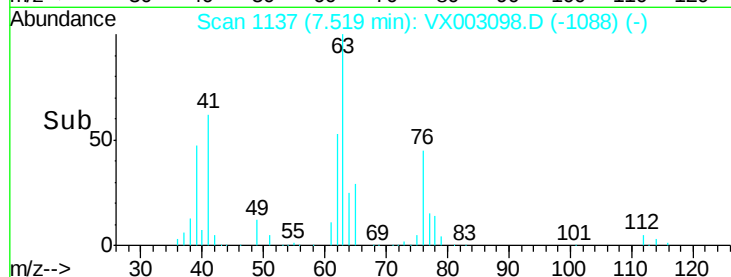
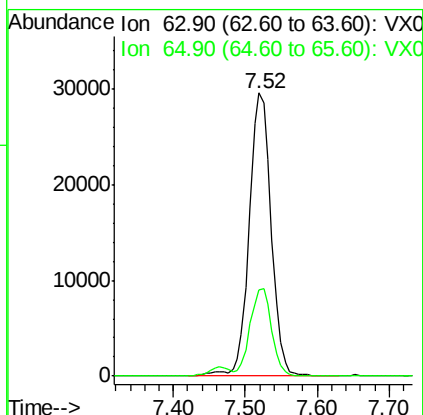
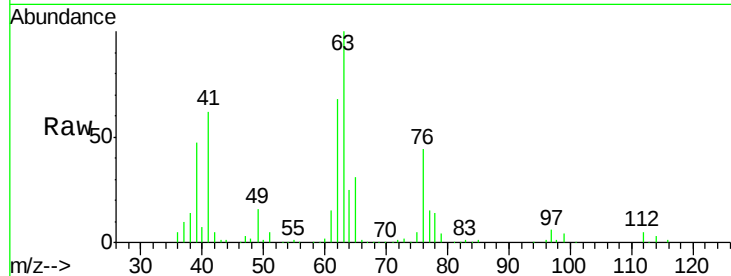




#45
 1,2-Dichloropropane
 Concen: 19.02 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003098.D
 Acq: 01 Jul 2018 01:34

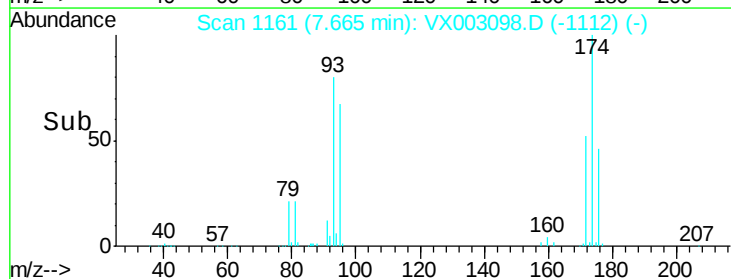
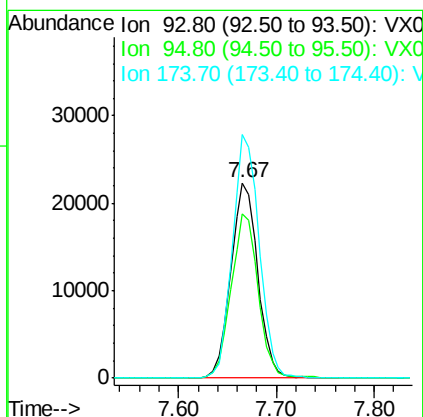
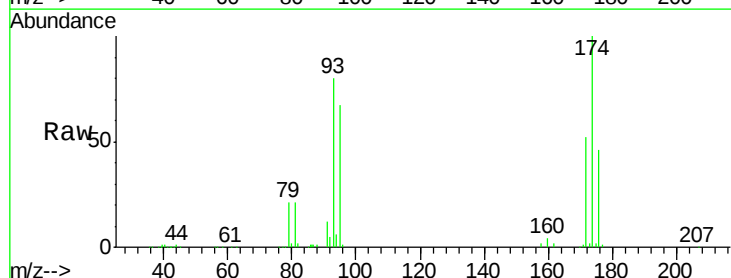
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS02

Tot Ion: 63 Resp: 62794
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1



#46
 Dibromomethane
 Concen: 18.67 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003098.D
 Acq: 01 Jul 2018 01:34

Tgt Ion: 93 Resp: 42783
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.9 98.9
 174 123.8 92.4 138.6





#47

Bromodichloromethane

Concen: 18.28 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

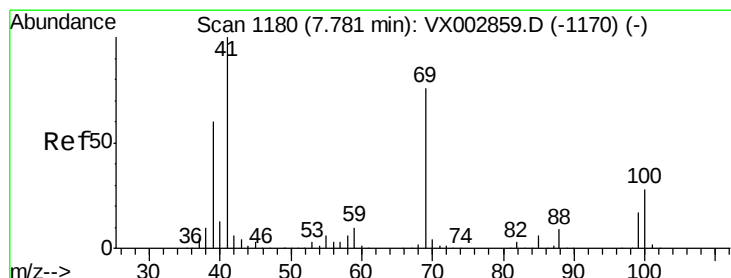
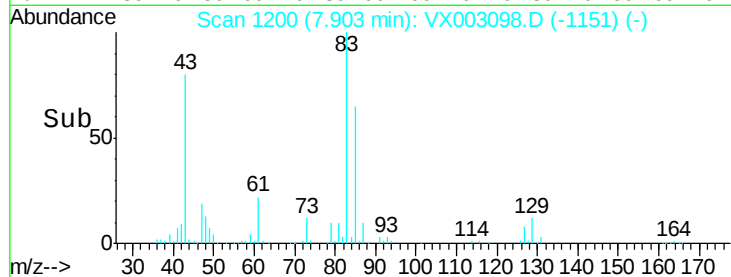
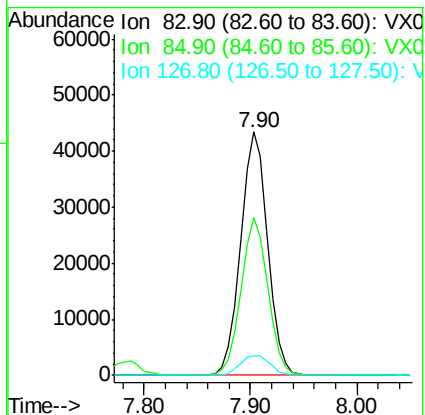
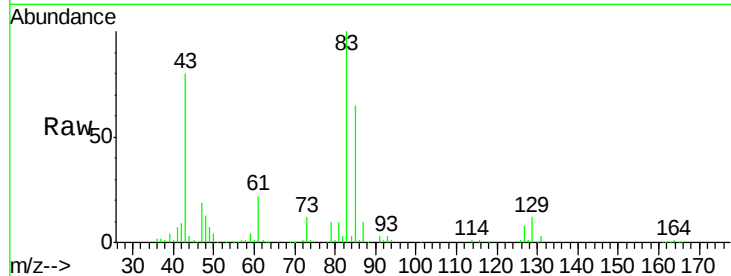
Tot Ion: 83 Resp: 77426

Ion Ratio Lower Upper

83 100

85 65.0 50.3 75.5

127 8.2 7.0 10.4



#48

Methyl methacrylate

Concen: 18.21 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

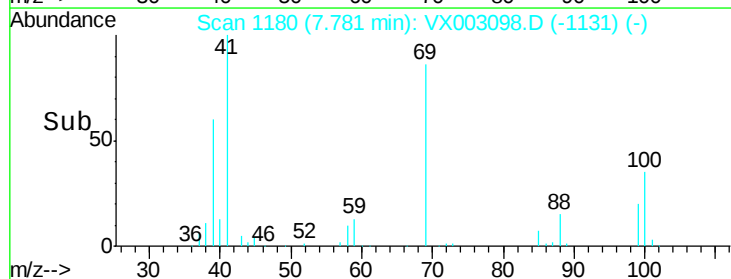
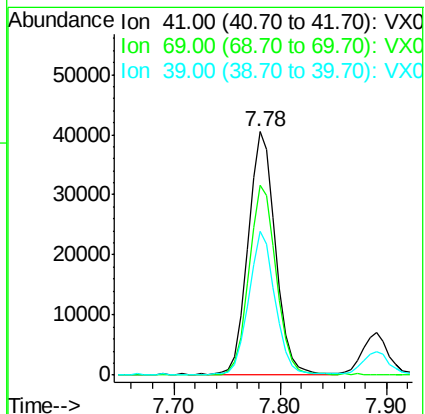
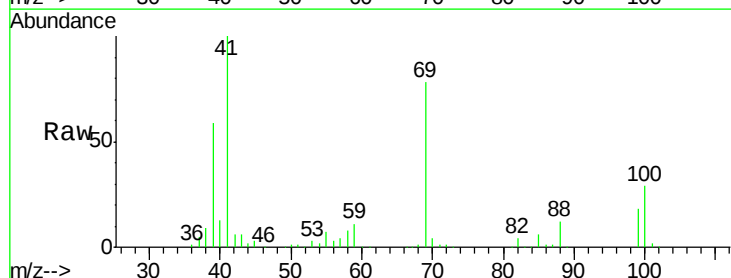
Tgt Ion: 41 Resp: 72594

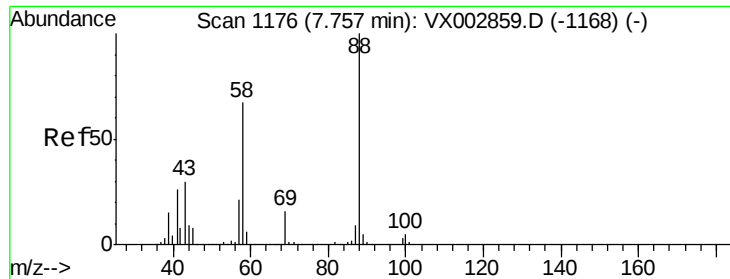
Ion Ratio Lower Upper

41 100

69 78.3 59.1 88.7

39 56.9 48.9 73.3

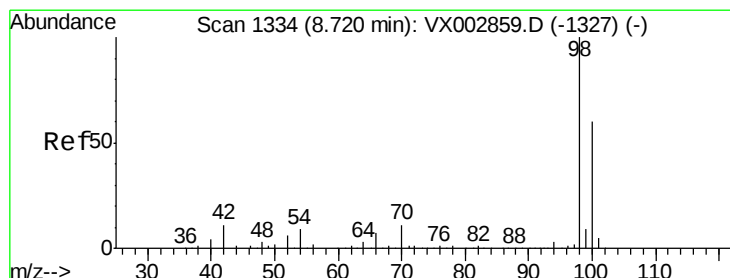
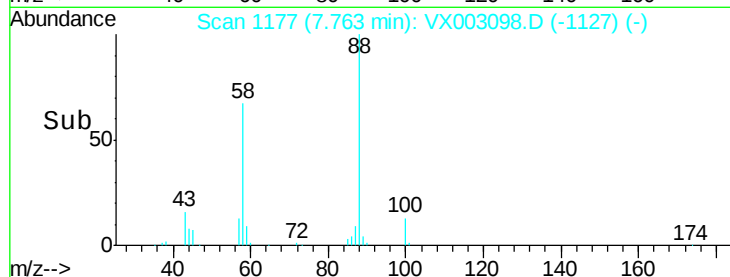
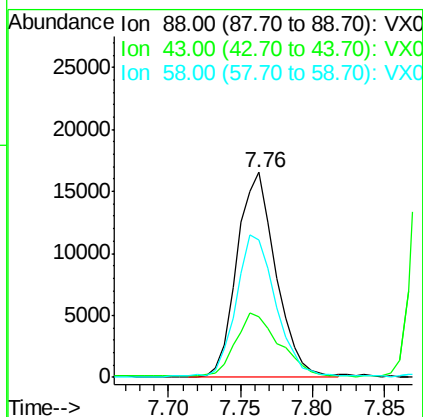
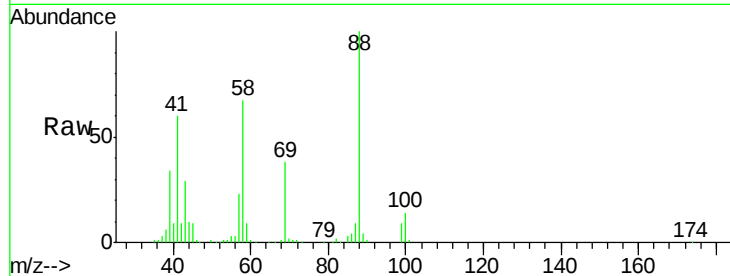




#49
1,4-Dioxane
Concen: 400.56 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

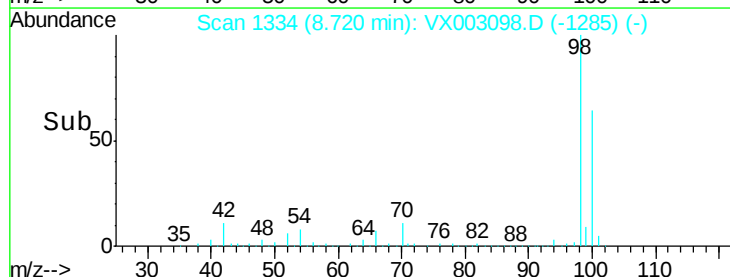
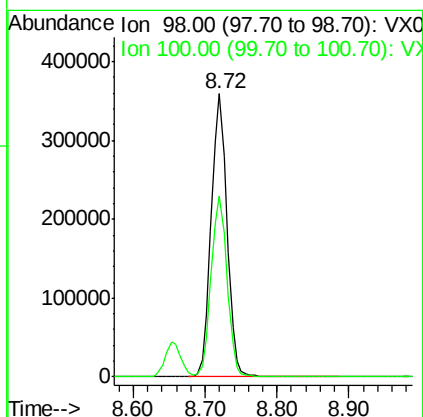
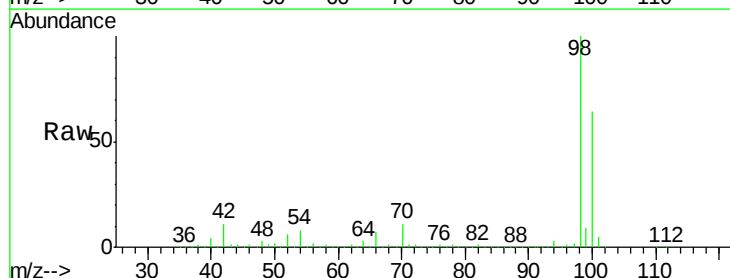
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

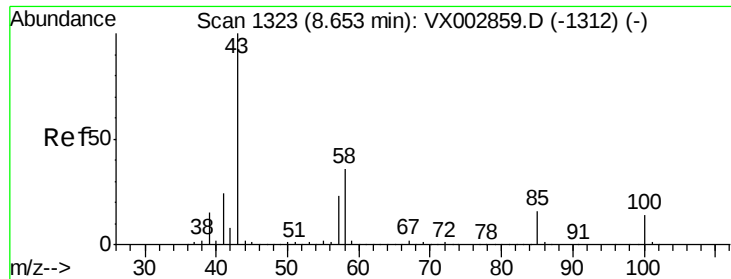
Tot Ion: 88 Resp: 31067
Ion Ratio Lower Upper
88 100
43 34.5 29.8 44.6
58 71.4 57.1 85.7



#50
Toluene-d8
Concen: 48.25 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

Tgt Ion: 98 Resp: 545106
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 96.45 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampled :

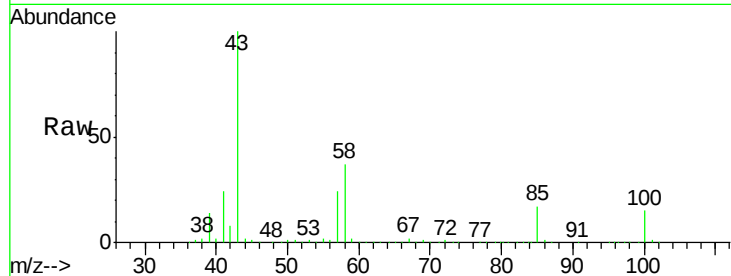
VX0630WBS02

Tot Ion: 43 Resp: 466896

Ion Ratio Lower Upper

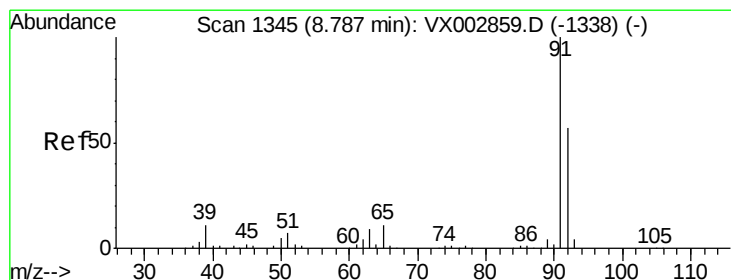
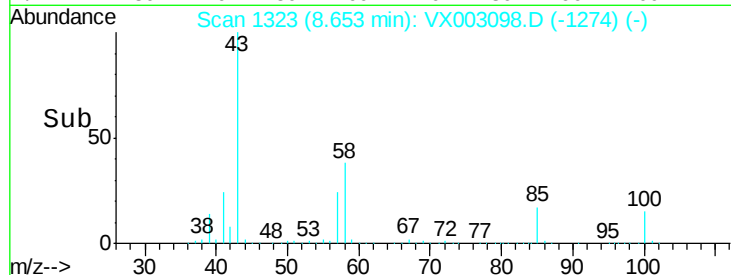
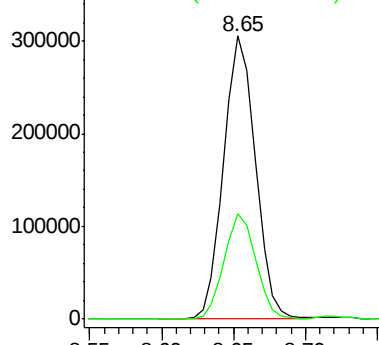
43 100

58 37.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.19 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003098.D

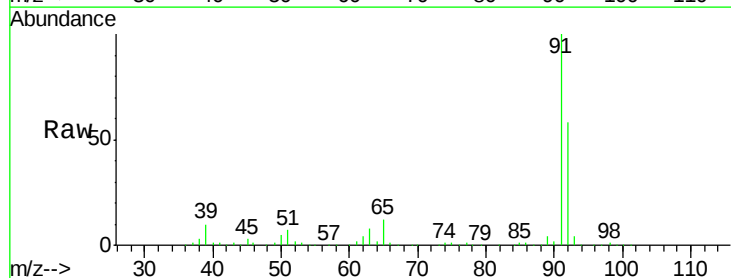
Acq: 01 Jul 2018 01:34

Tgt Ion: 92 Resp: 153046

Ion Ratio Lower Upper

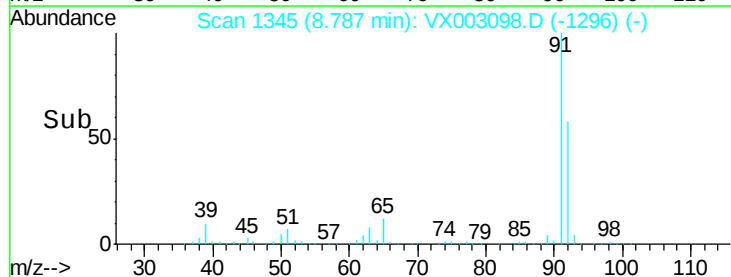
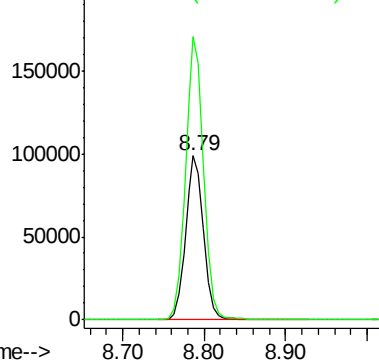
92 100

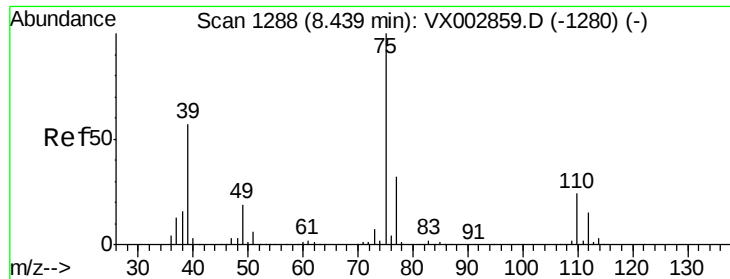
91 173.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.57 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

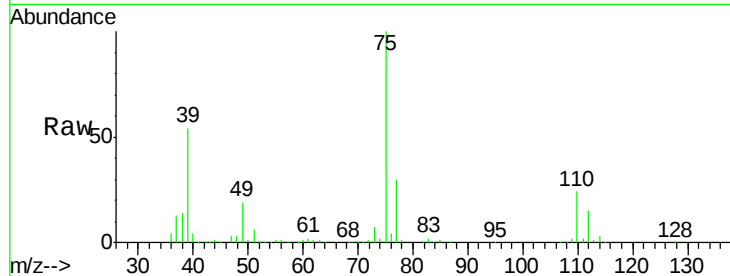
VX0630WBS02

Tot Ion: 75 Resp: 84289

Ion Ratio Lower Upper

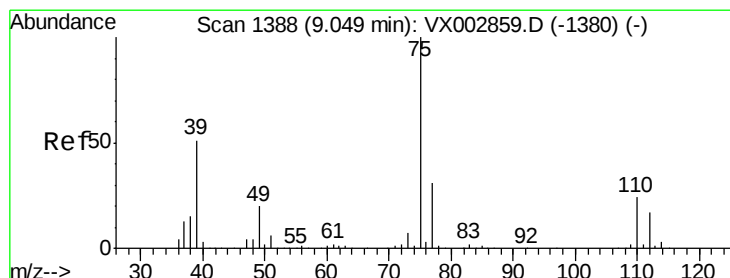
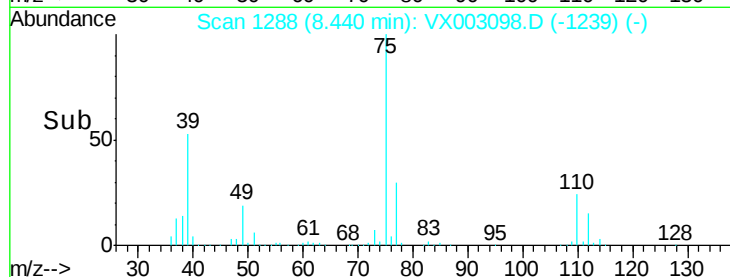
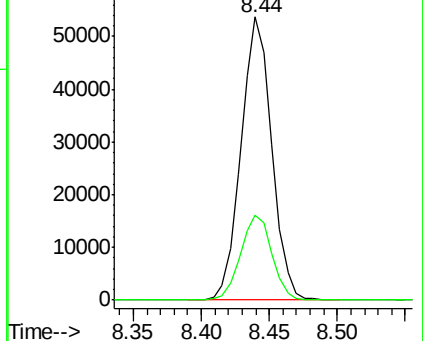
75 100

77 30.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.39 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

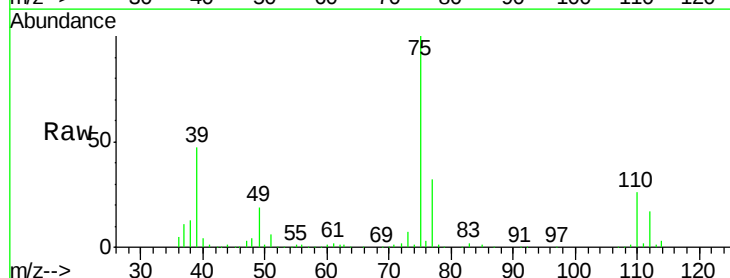
Tgt Ion: 75 Resp: 75677

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

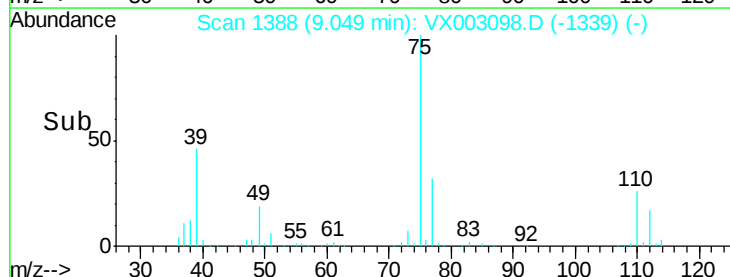
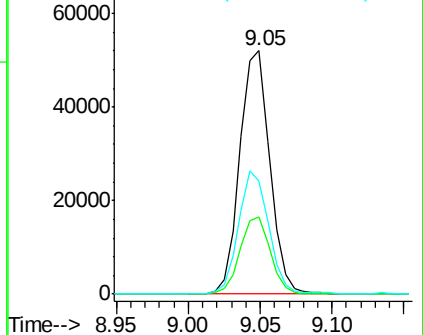
39 46.4 42.4 63.6

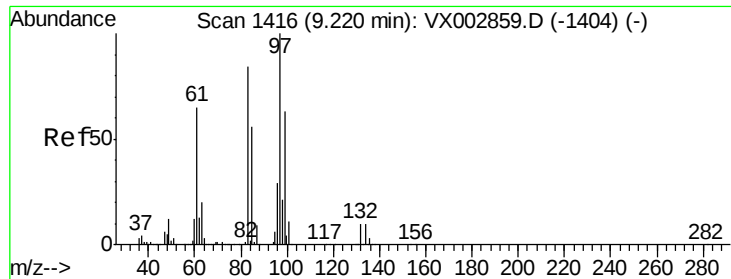


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

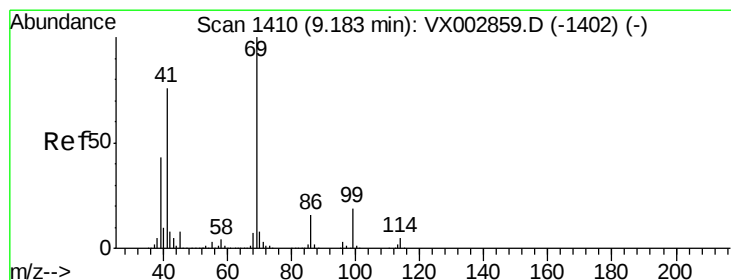
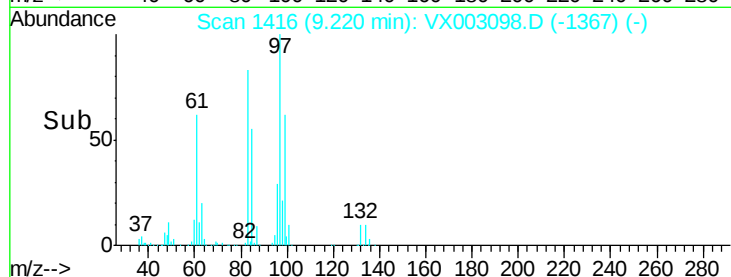
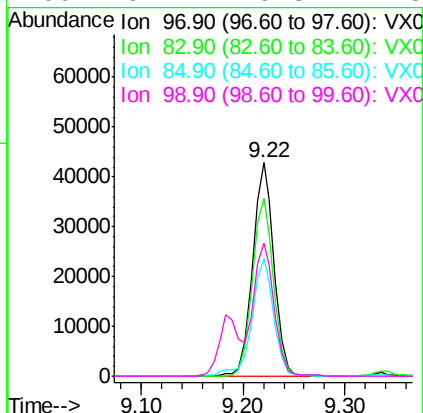
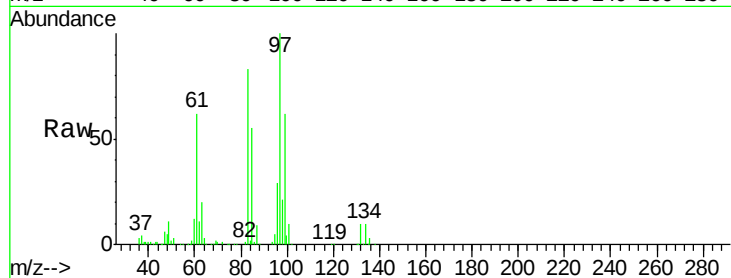




#55
 1,1,2-Trichloroethane
 Concen: 19.13 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003098.D
 Acq: 01 Jul 2018 01:34

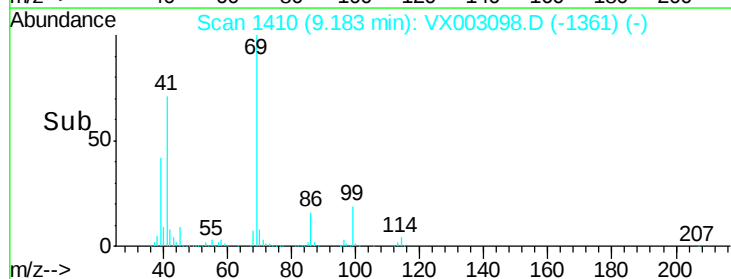
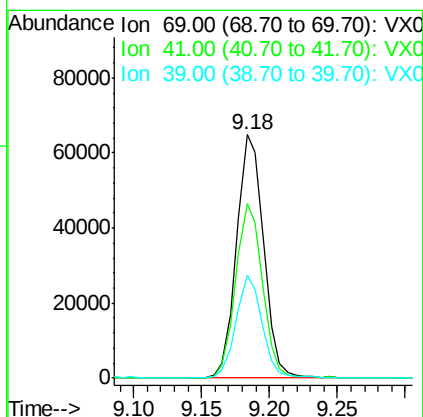
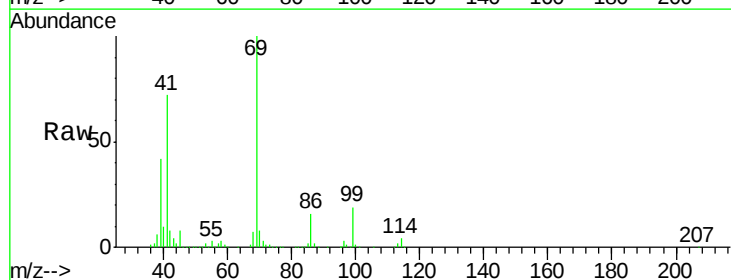
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS02

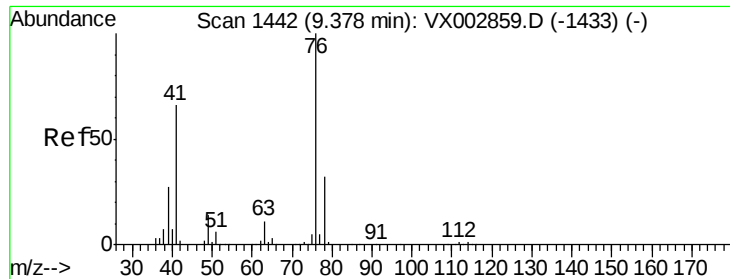
Tot Ion:	97	Resp:	62698
Ion	Ratio	Lower	Upper
97	100		
83	83.4	70.2	105.2
85	55.0	44.9	67.3
99	62.4	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 18.82 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003098.D
 Acq: 01 Jul 2018 01:34

Tgt Ion:	69	Resp:	90161
Ion	Ratio	Lower	Upper
69	100		
41	71.3	60.3	90.5
39	40.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 18.96 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

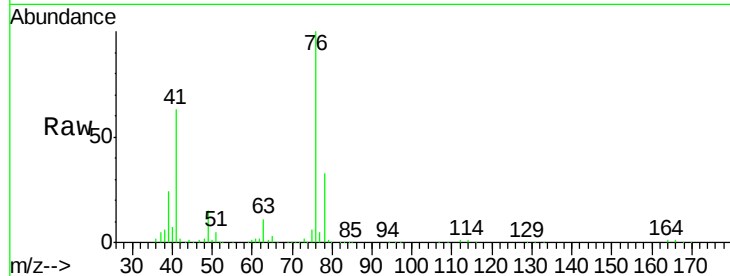
VX0630WBS02

Tot Ion: 76 Resp: 102055

Ion Ratio Lower Upper

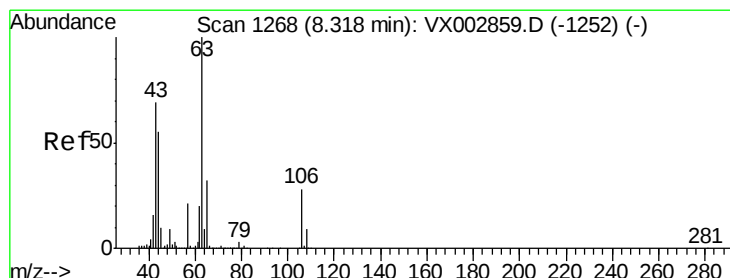
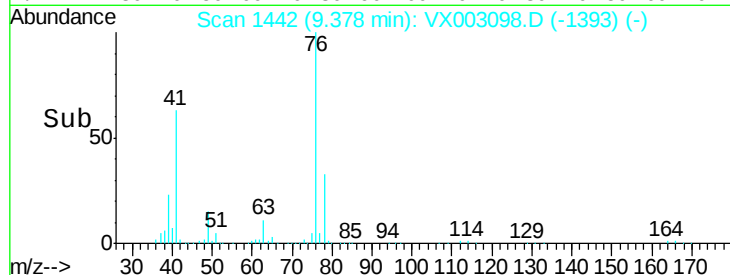
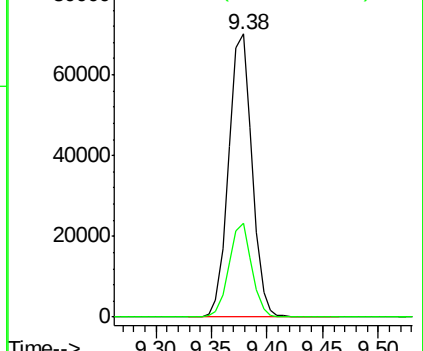
76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 109.46 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003098.D

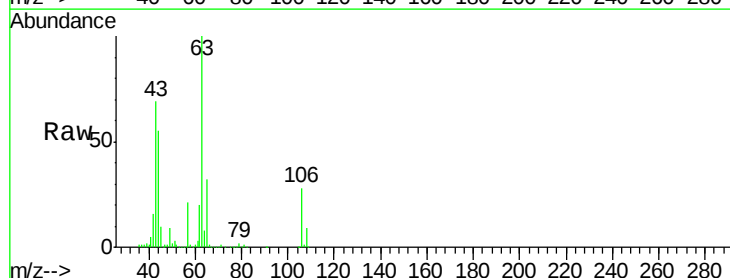
Acq: 01 Jul 2018 01:34

Tgt Ion: 63 Resp: 252924

Ion Ratio Lower Upper

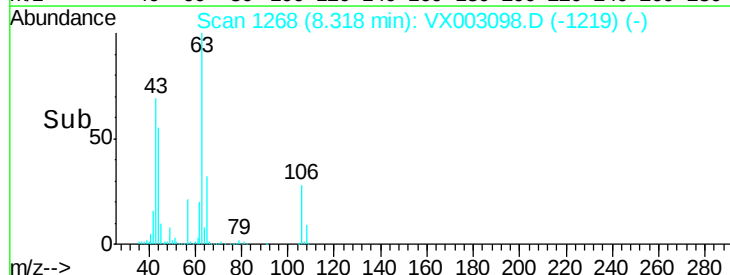
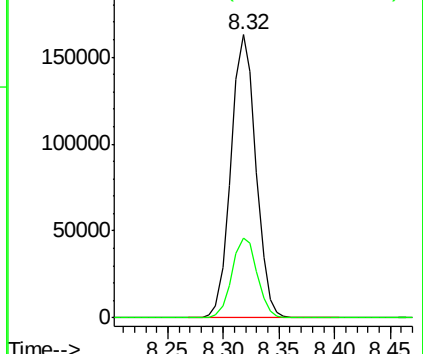
63 100

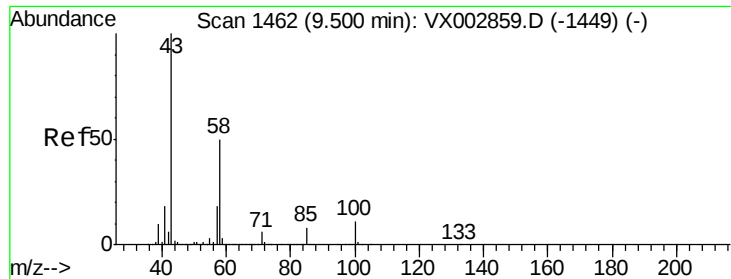
106 28.8 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

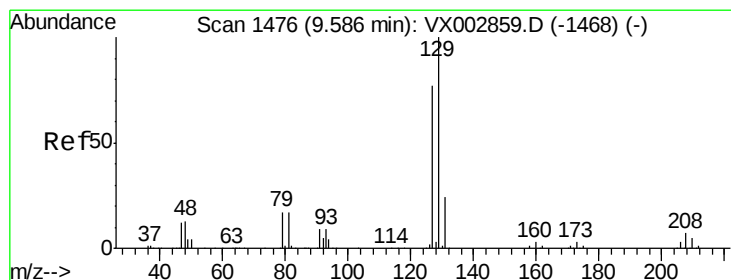
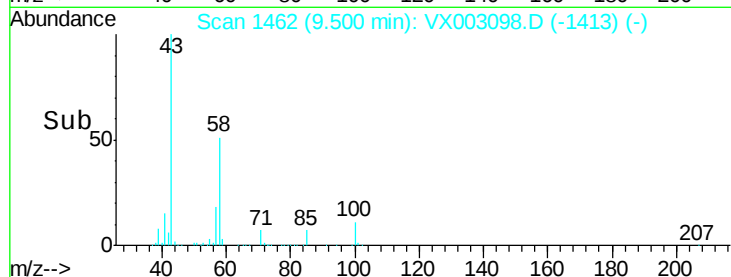
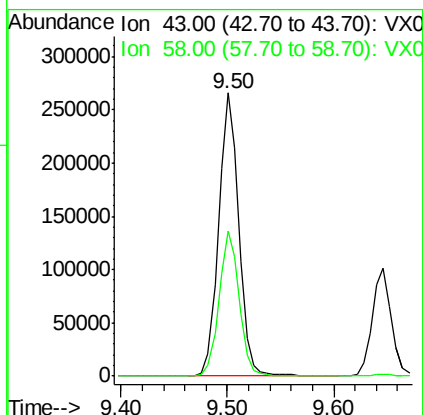
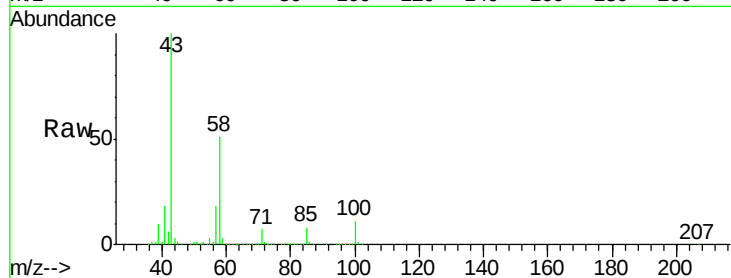




#59
2-Hexanone
Concen: 94.94 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

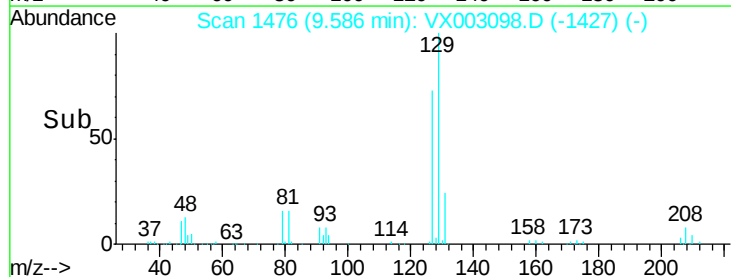
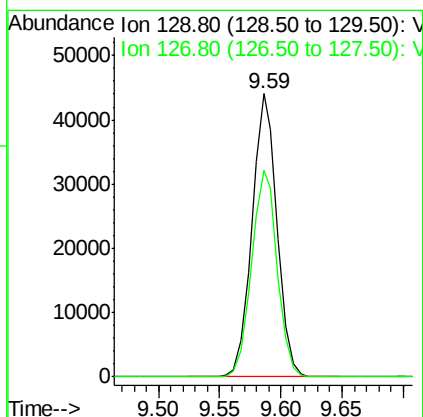
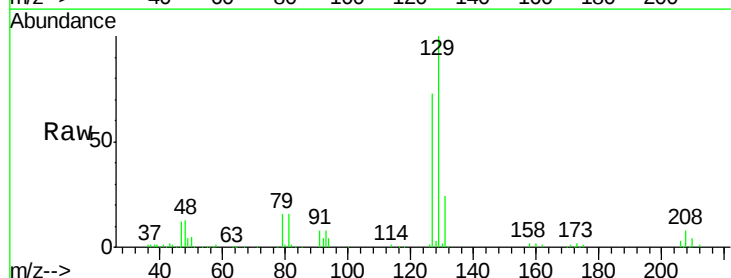
Instrument :
MSVOA_X
ClientSampled :
VX0630WBS02

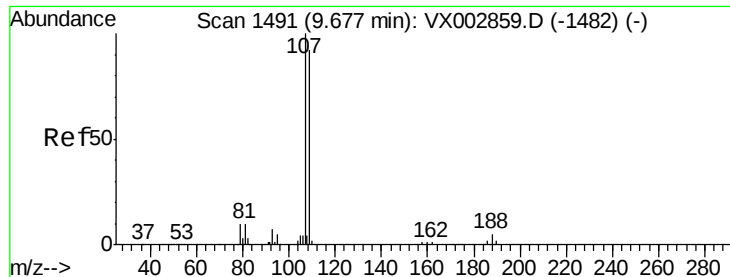
Tot Ion: 43 Resp: 349283
Ion Ratio Lower Upper
43 100
58 51.3 24.6 73.6



#60
Dibromochloromethane
Concen: 18.18 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

Tgt Ion: 129 Resp: 62716
Ion Ratio Lower Upper
129 100
127 74.6 38.5 115.3

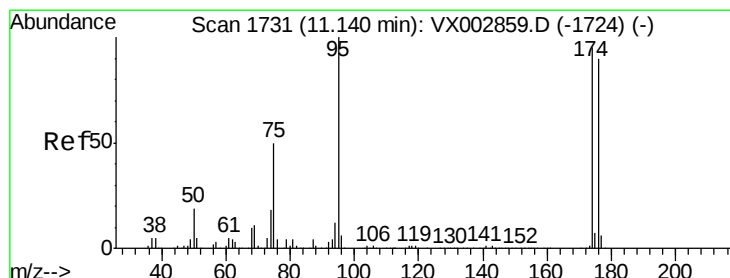
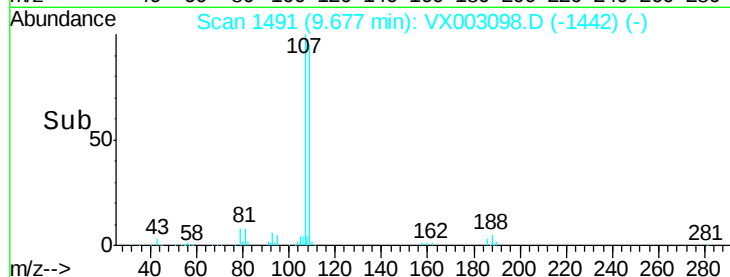
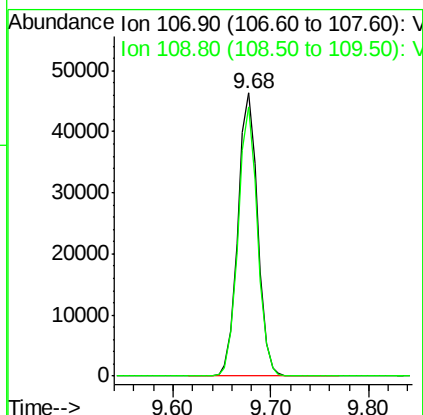
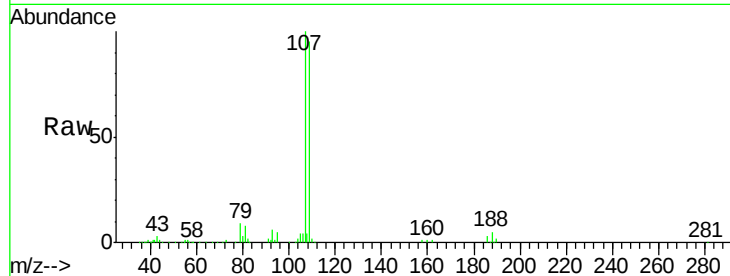




#61
 1,2-Dibromoethane
 Concen: 18.85 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003098.D
 Acq: 01 Jul 2018 01:34

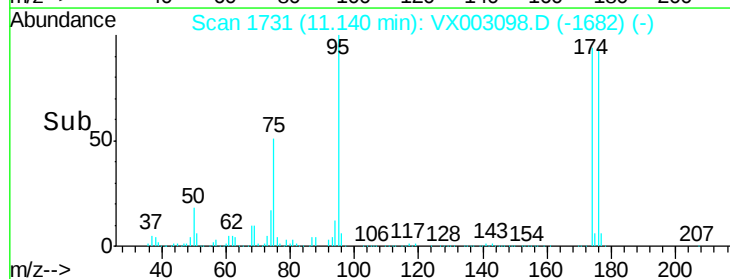
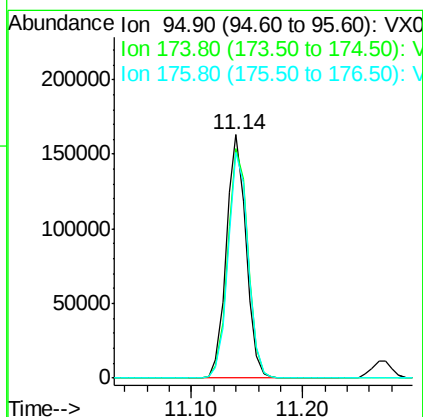
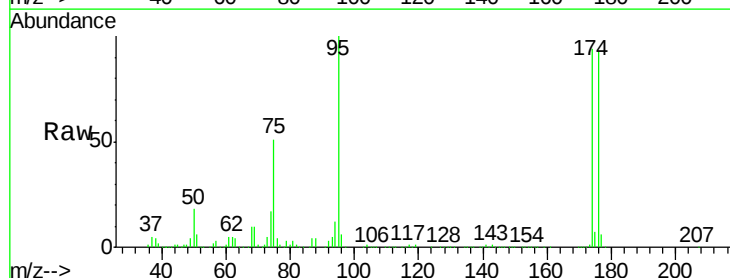
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS02

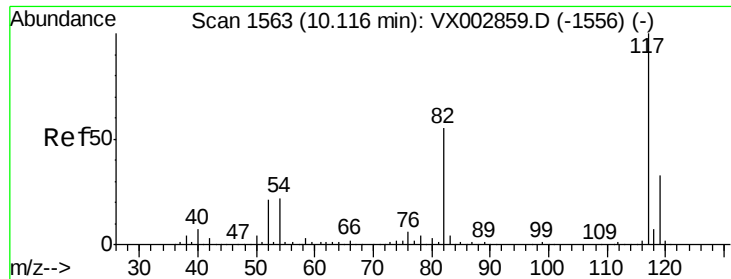
Tot Ion:107 Resp: 64791
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 45.72 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003098.D
 Acq: 01 Jul 2018 01:34

Tgt Ion: 95 Resp: 199232
 Ion Ratio Lower Upper
 95 100
 174 97.1 0.0 187.4
 176 94.3 0.0 181.0

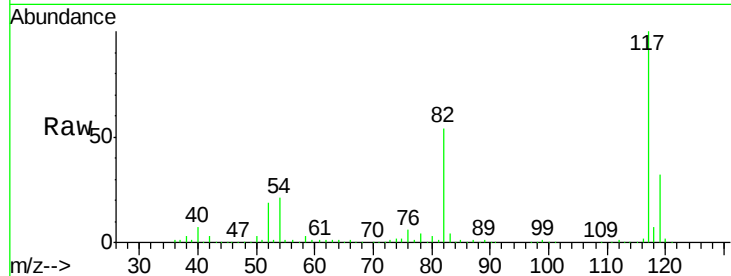




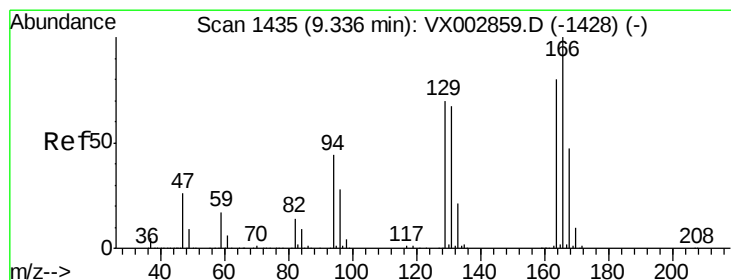
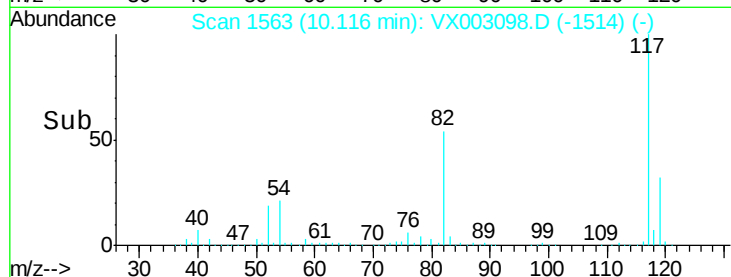
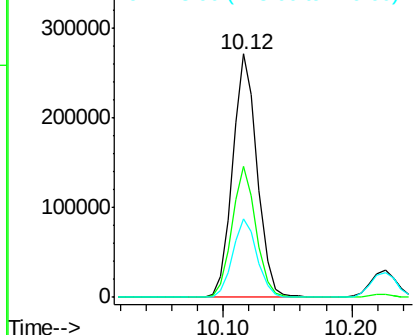
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

Tot Ion:117 Resp: 360253
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.4 25.8 38.6



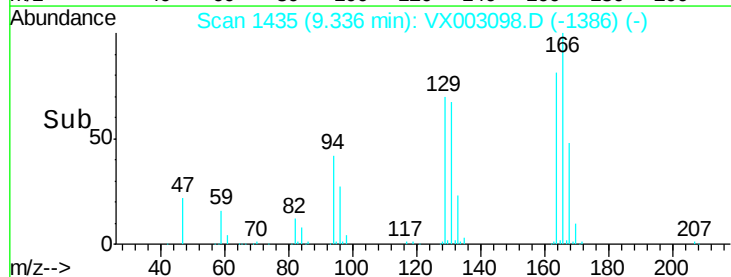
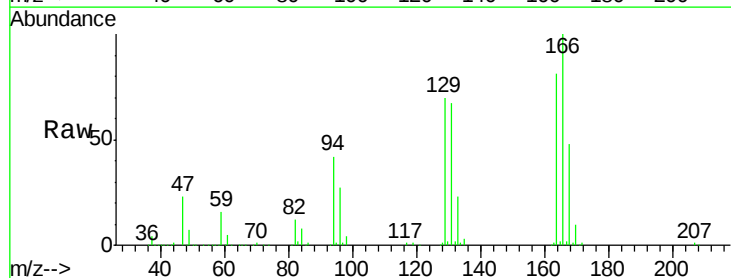
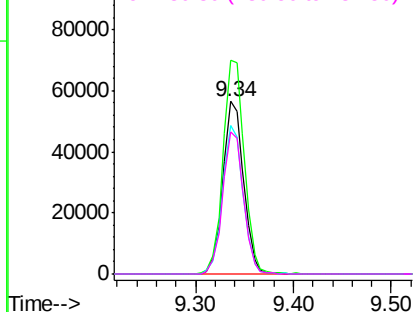
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.68 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

Tgt Ion:164 Resp: 82837
Ion Ratio Lower Upper
164 100
166 123.7 102.9 154.3
129 86.0 68.6 102.8
131 82.2 66.8 100.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.99 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampled :

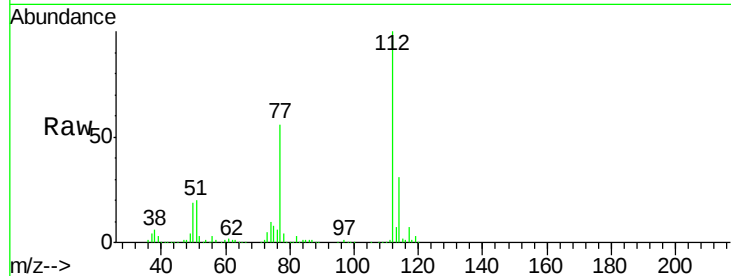
VX0630WBS02

Tot Ion:112 Resp: 173733

Ion Ratio Lower Upper

112 100

114 31.4 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

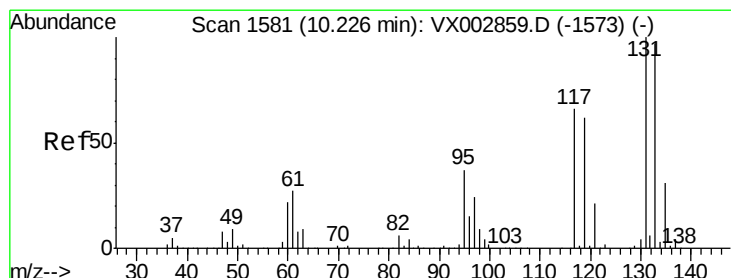
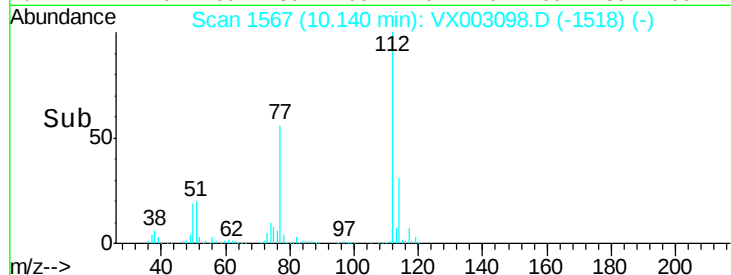
150000

100000

50000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 19.06 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

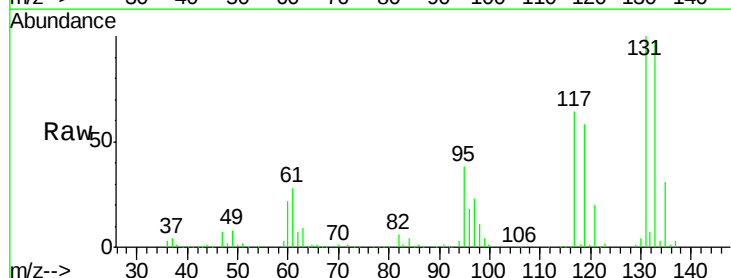
Tgt Ion:131 Resp: 63371

Ion Ratio Lower Upper

131 100

133 95.0 47.9 143.6

119 60.9 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

60000

50000

40000

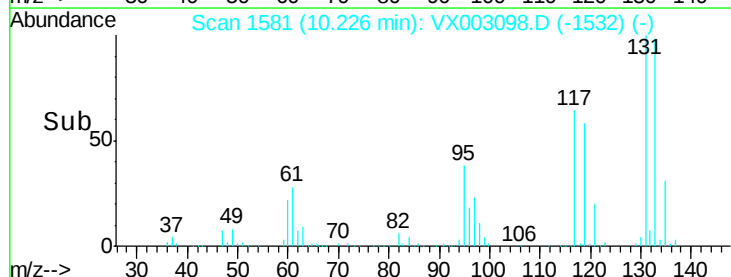
30000

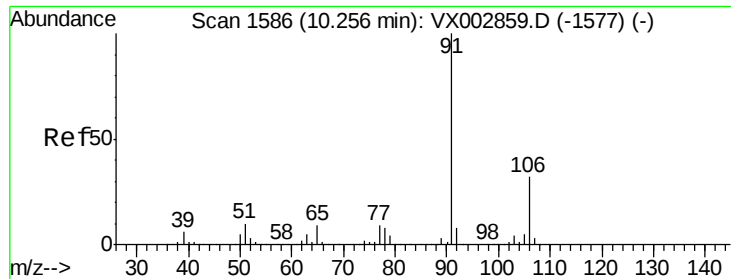
20000

10000

0

Time--> 10.15 10.20 10.25 10.30

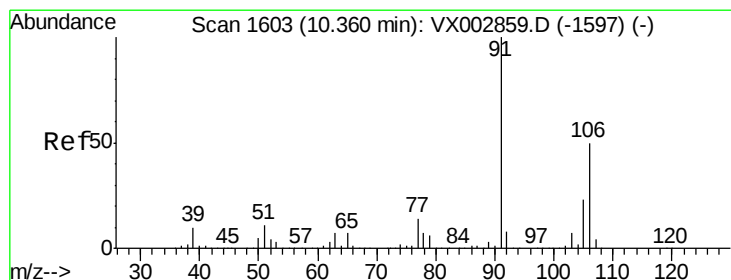
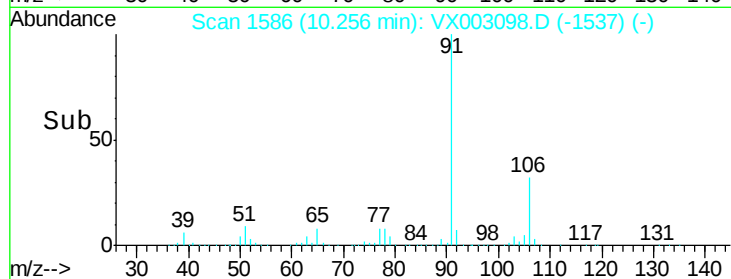
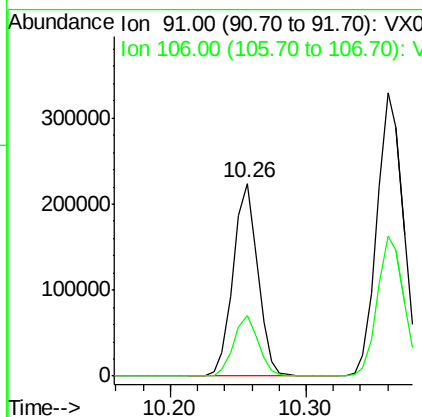
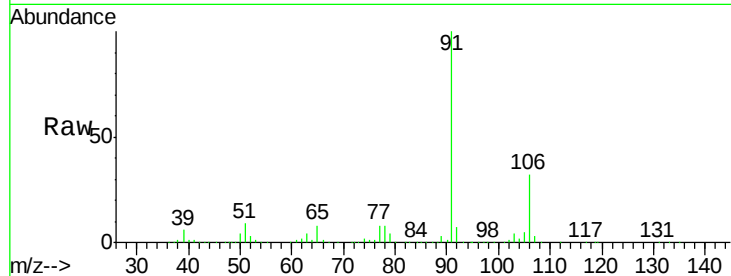




#67
Ethyl Benzene
Concen: 18.83 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

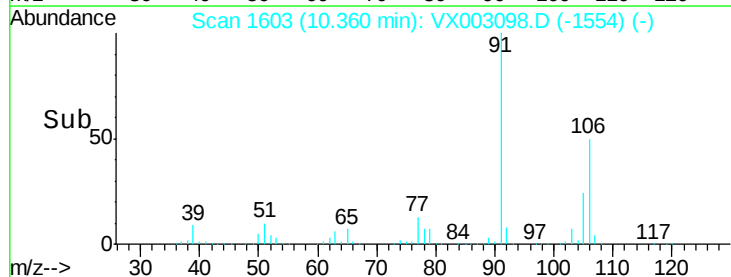
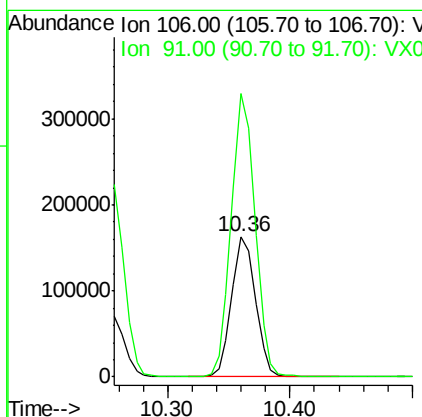
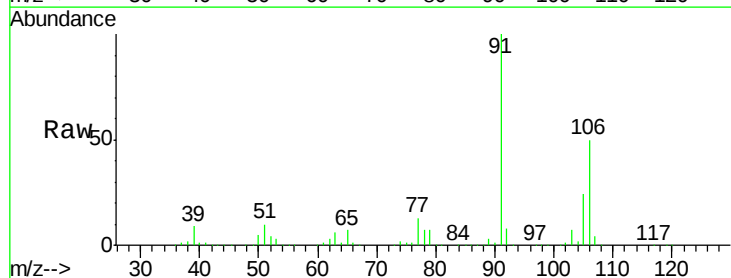
Instrument :
MSVOA_X
ClientSampled :
VX0630WBS02

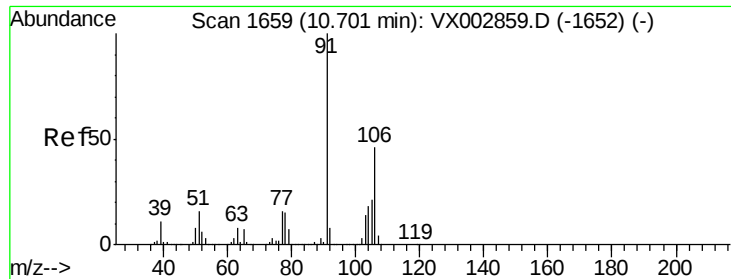
Tot Ion: 91 Resp: 284637
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 37.76 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

Tgt Ion: 106 Resp: 219983
Ion Ratio Lower Upper
106 100
91 201.5 163.4 245.2

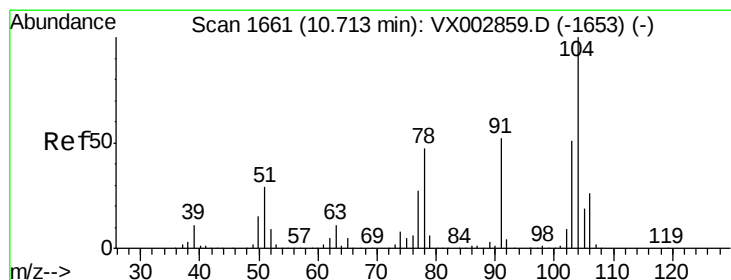
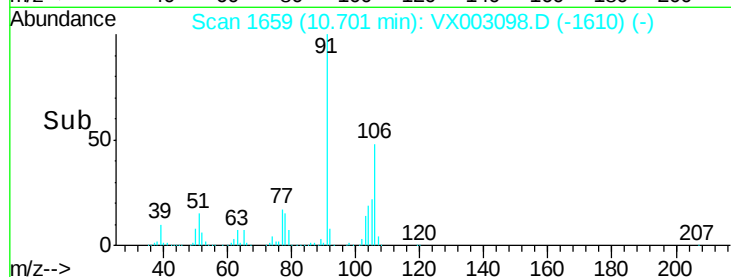
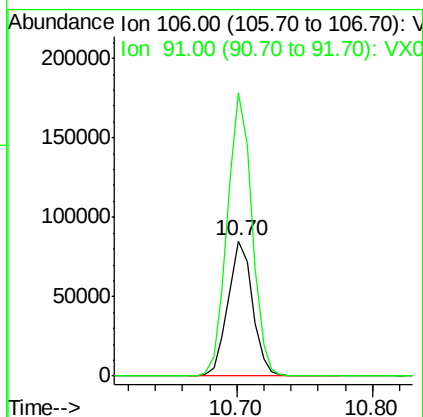
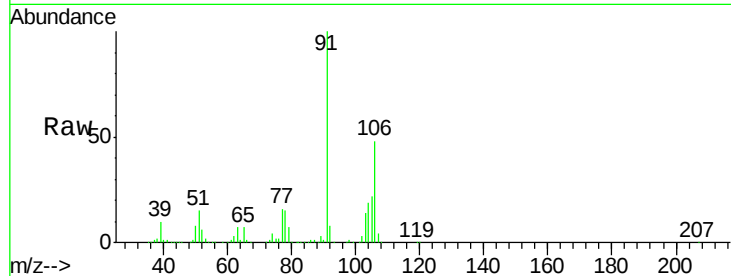




#69
o-Xylene
Concen: 18.86 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

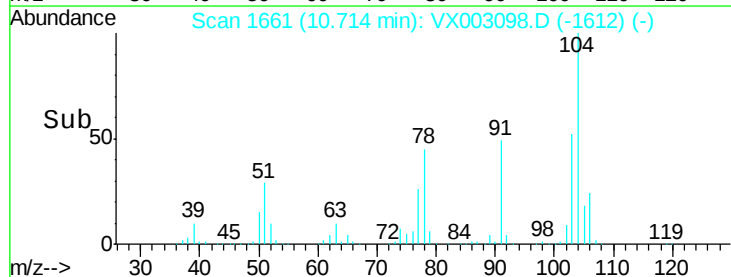
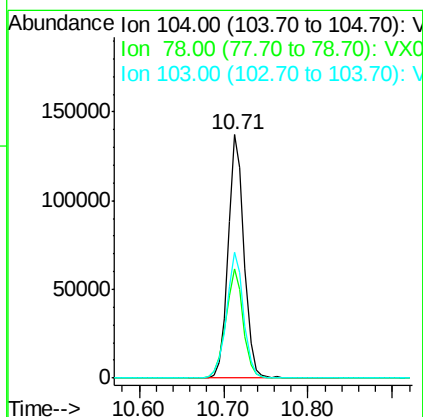
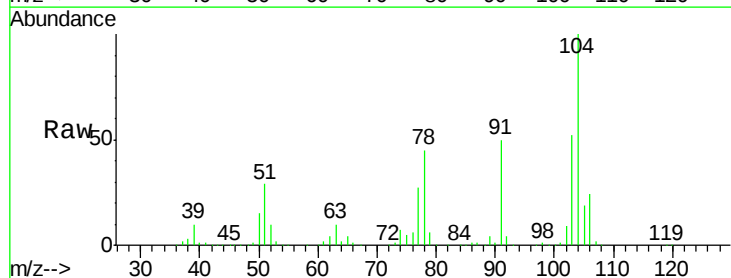
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

Tot Ion:106 Resp: 107007
Ion Ratio Lower Upper
106 100
91 210.3 108.2 324.6



#70
Styrene
Concen: 19.09 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

Tgt Ion:104 Resp: 175919
Ion Ratio Lower Upper
104 100
78 49.2 41.0 61.6
103 55.3 44.2 66.4

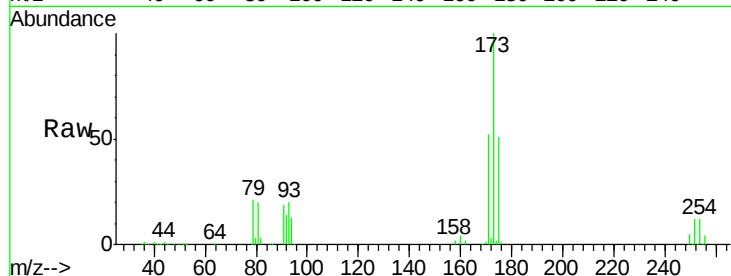




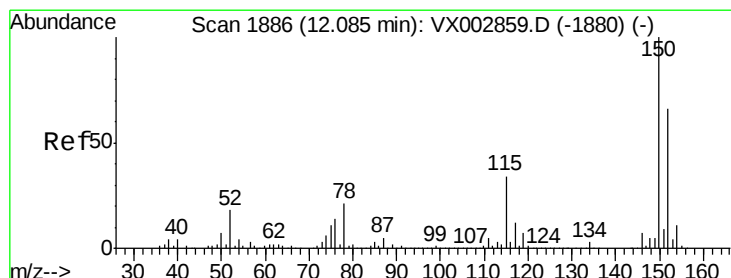
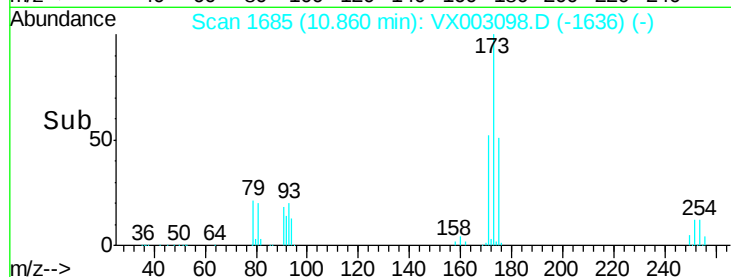
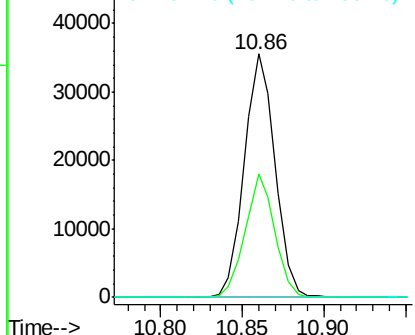
#71
Bromoform
Concen: 18.25 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS02

Tot Ion:173 Resp: 46732
Ion Ratio Lower Upper
173 100
175 48.8 24.7 74.1
254 0.1 0.2 0.2#

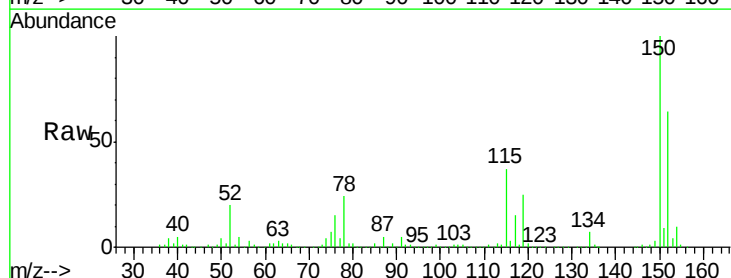


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

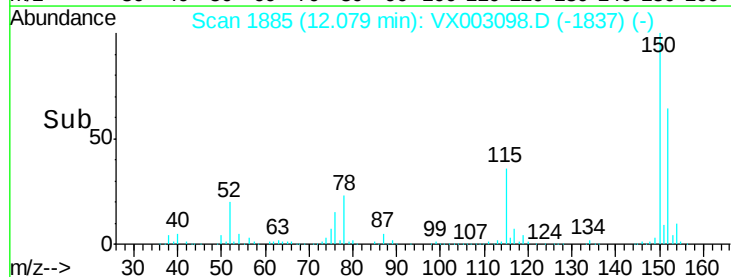
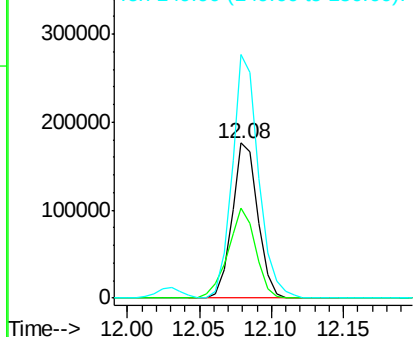


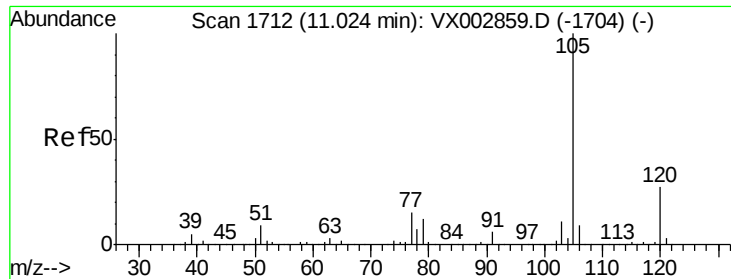
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003098.D
Acq: 01 Jul 2018 01:34

Tgt Ion:152 Resp: 218580
Ion Ratio Lower Upper
152 100
115 63.0 40.1 120.2
150 162.3 0.0 347.2



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





#73

Isopropylbenzene

Concen: 19.57 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

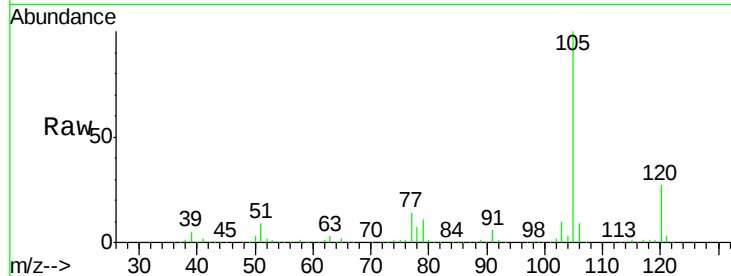
VX0630WBS02

Tot Ion:105 Resp: 287786

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

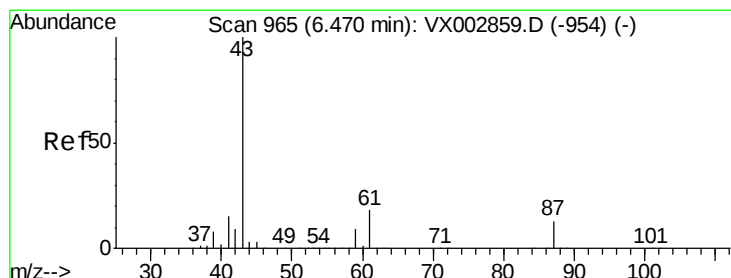
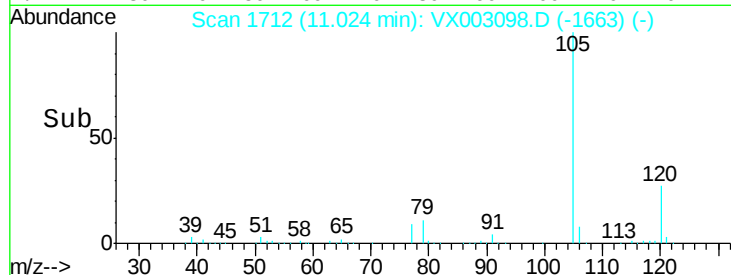
50000

0

11.02

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 19.75 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Tgt Ion: 43 Resp: 142079

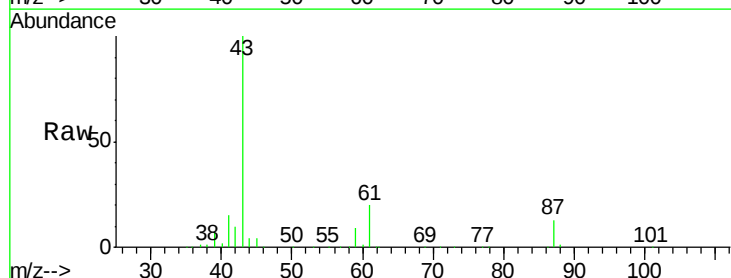
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.6 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

40000

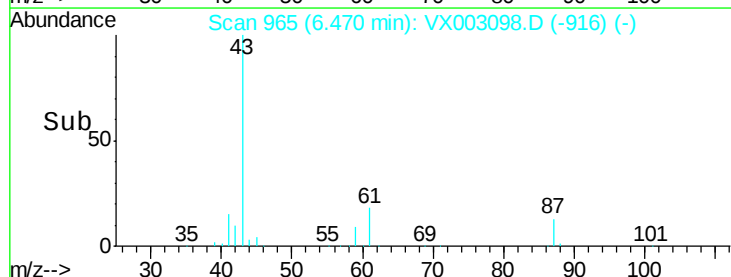
20000

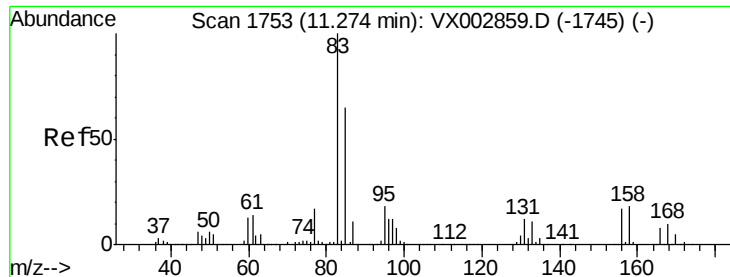
0

6.47

6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.77 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS02

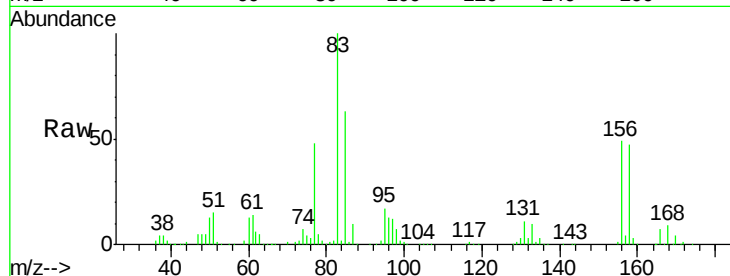
Tot Ion: 83 Resp: 89560

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

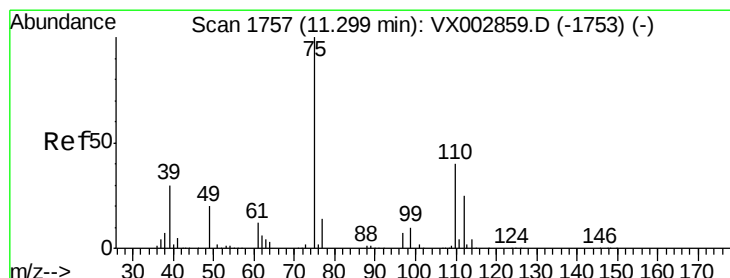
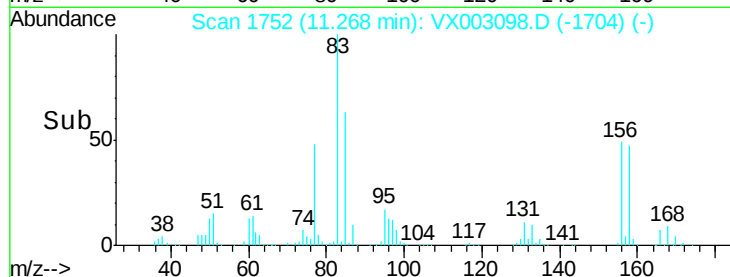
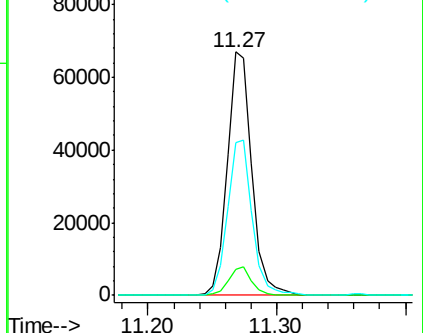
85 64.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.66 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003098.D

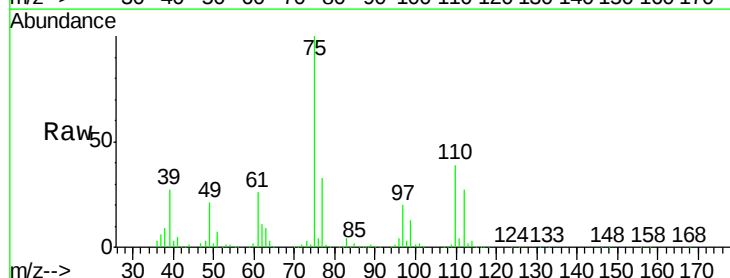
Acq: 01 Jul 2018 01:34

Tgt Ion: 75 Resp: 93684

Ion Ratio Lower Upper

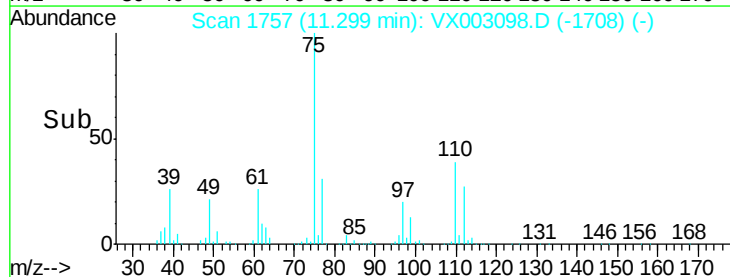
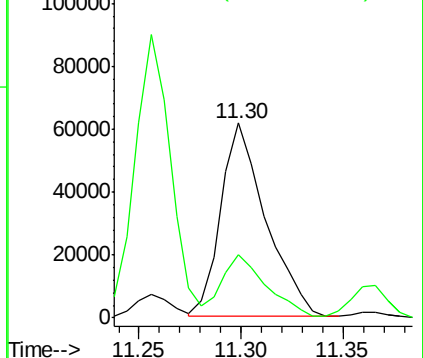
75 100

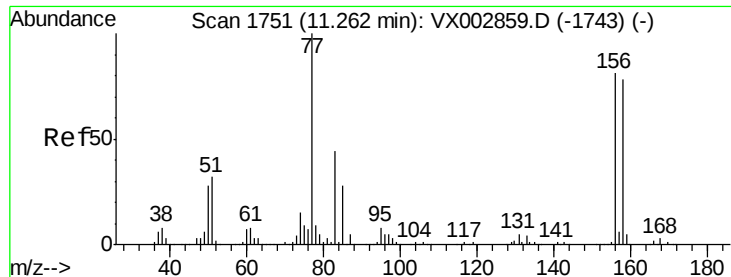
77 32.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.56 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

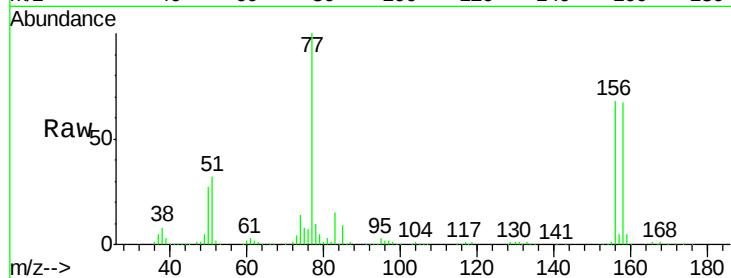
Tot Ion:156 Resp: 81923

Ion Ratio Lower Upper

156 100

77 134.3 71.4 214.2

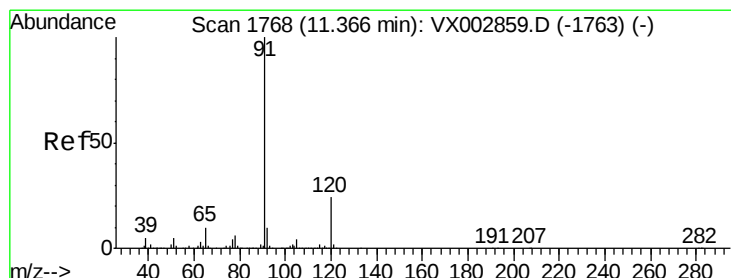
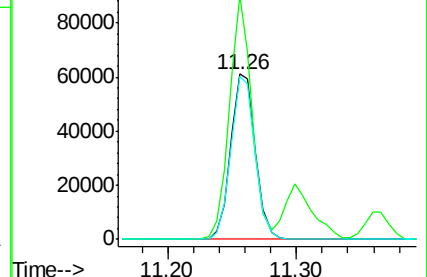
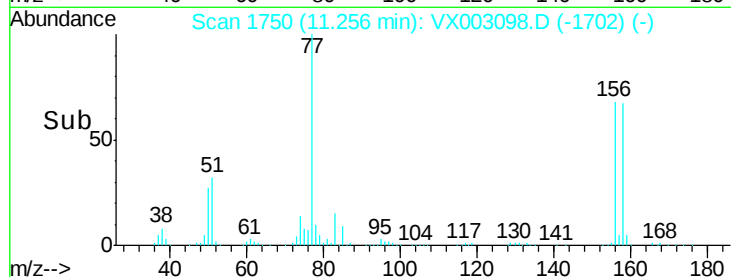
158 96.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.89 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003098.D

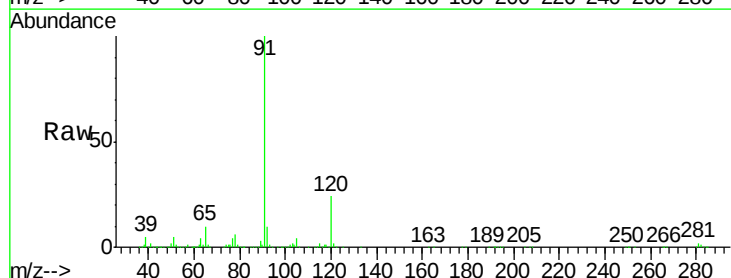
Acq: 01 Jul 2018 01:34

Tgt Ion: 91 Resp: 316166

Ion Ratio Lower Upper

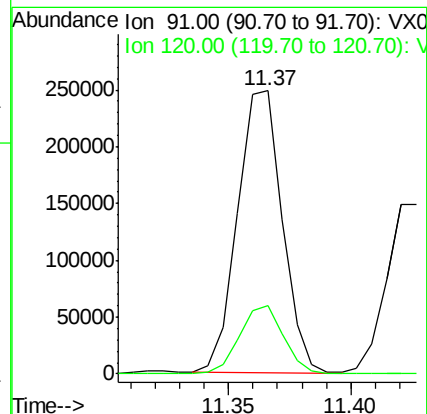
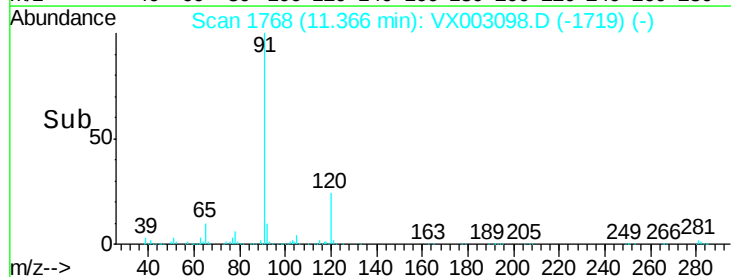
91 100

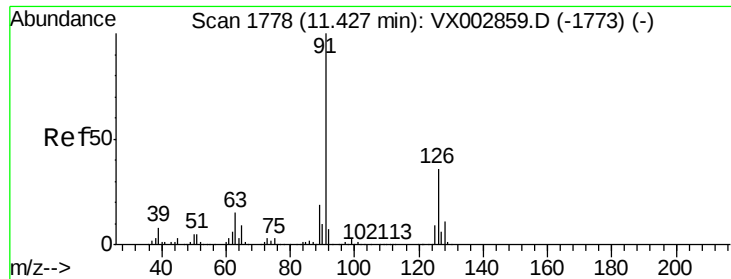
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.16 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampled :

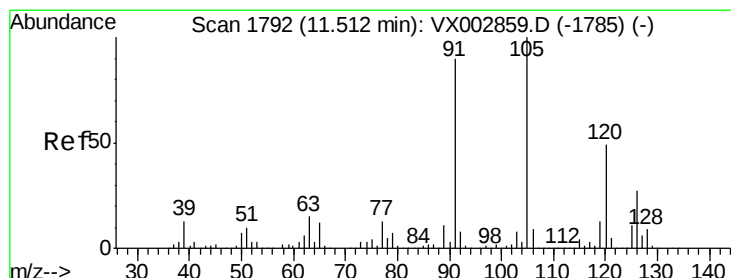
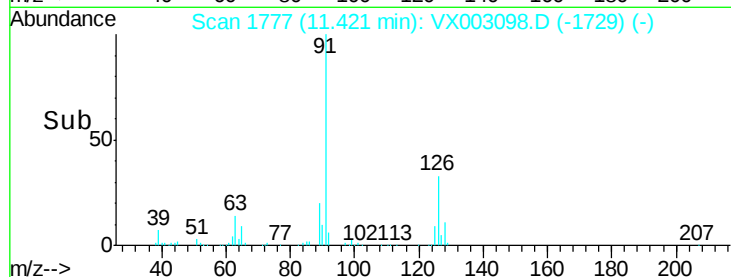
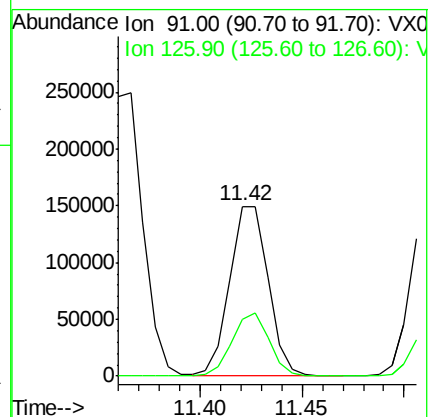
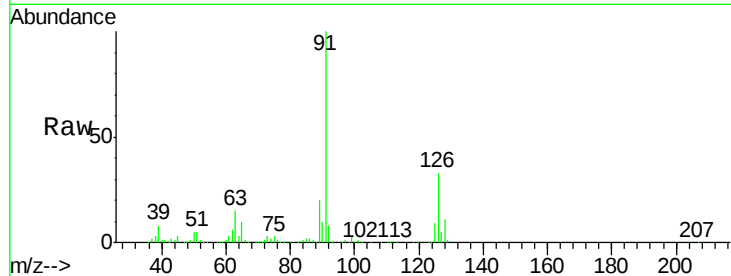
VX0630WBS02

Tot Ion: 91 Resp: 194131

Ion Ratio Lower Upper

91 100

126 36.1 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 19.16 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003098.D

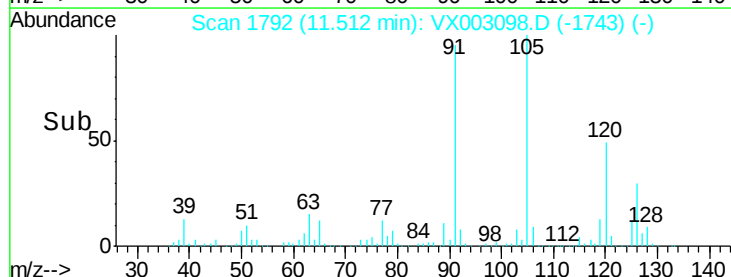
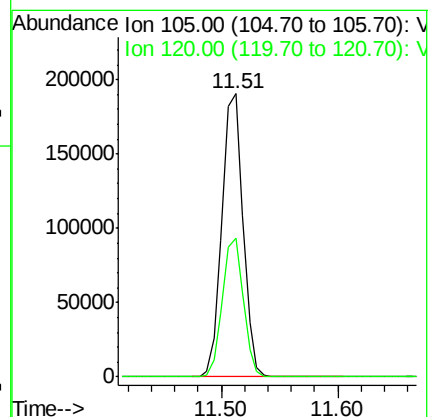
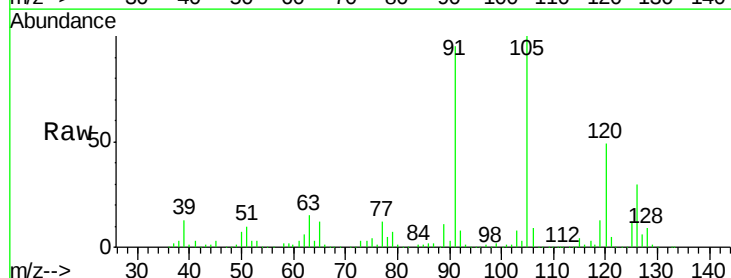
Acq: 01 Jul 2018 01:34

Tgt Ion:105 Resp: 237267

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 15.39 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS02

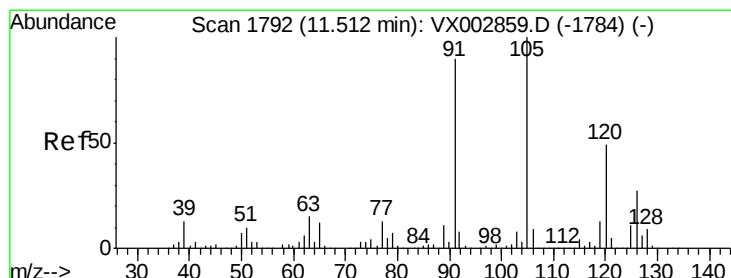
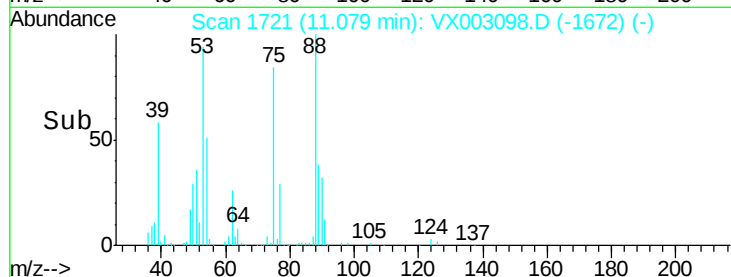
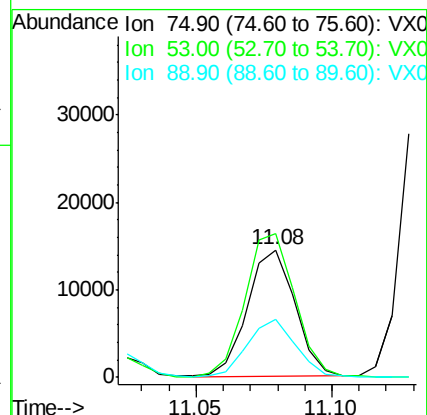
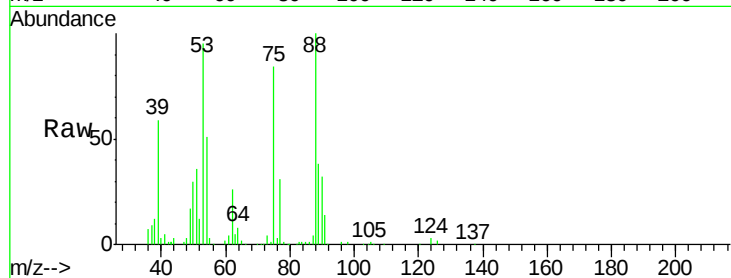
Tot Ion: 75 Resp: 17590

Ion Ratio Lower Upper

75 100

53 120.1 86.8 130.2

89 47.7 38.2 57.2



#82

4-Chlorotoluene

Concen: 18.93 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003098.D

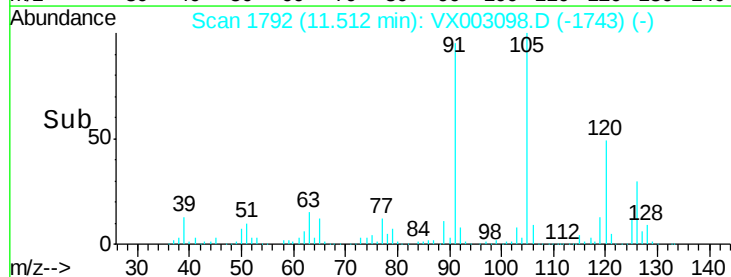
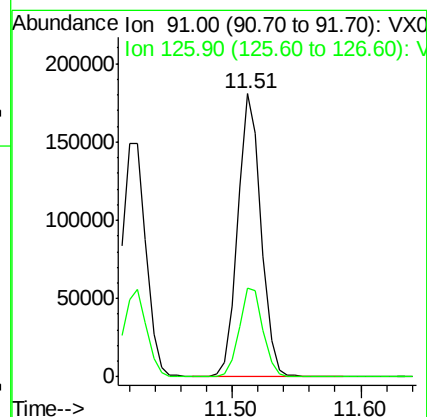
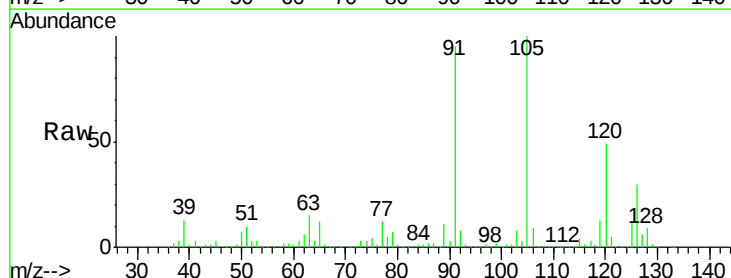
Acq: 01 Jul 2018 01:34

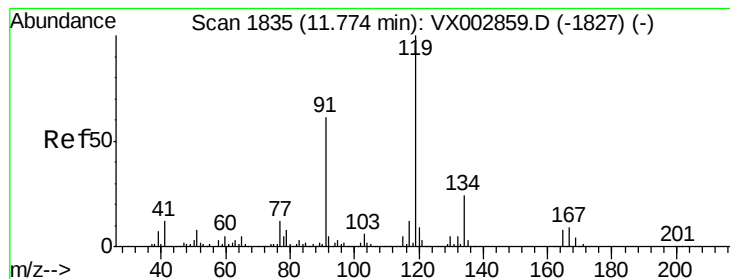
Tgt Ion: 91 Resp: 227125

Ion Ratio Lower Upper

91 100

126 32.2 15.4 46.4





#83

tert-Butylbenzene

Concen: 18.92 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

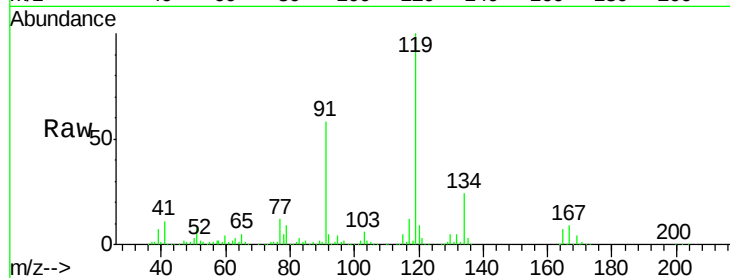
Tot Ion:119 Resp: 230952

Ion Ratio Lower Upper

119 100

91 58.5 30.3 90.9

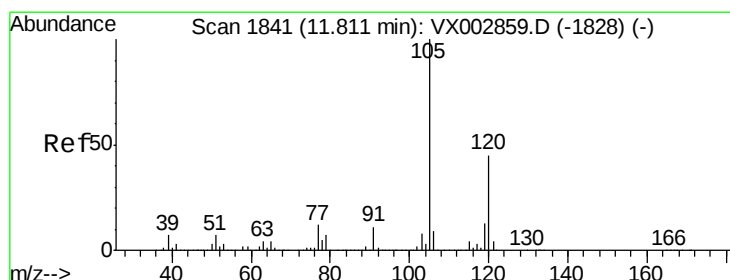
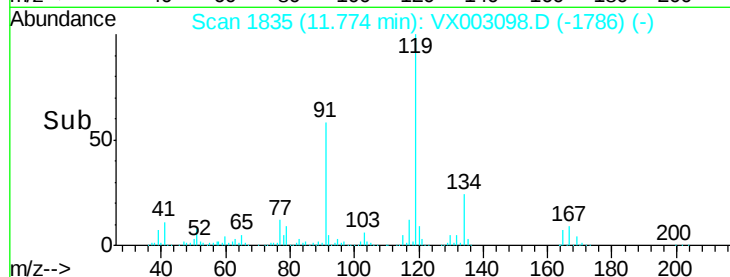
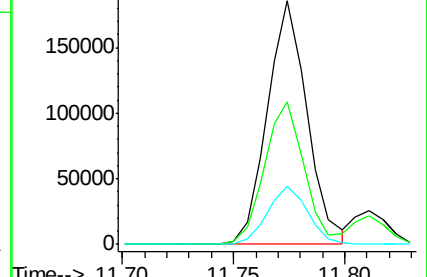
134 24.0 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.11 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003098.D

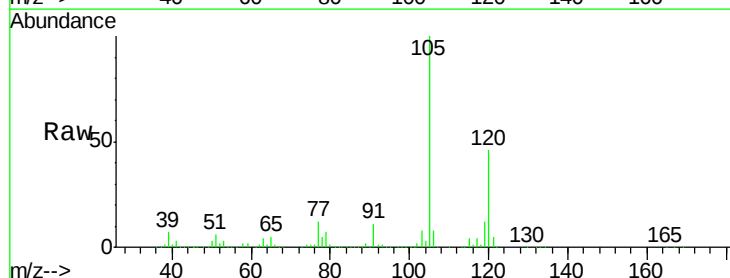
Acq: 01 Jul 2018 01:34

Tgt Ion:105 Resp: 245281

Ion Ratio Lower Upper

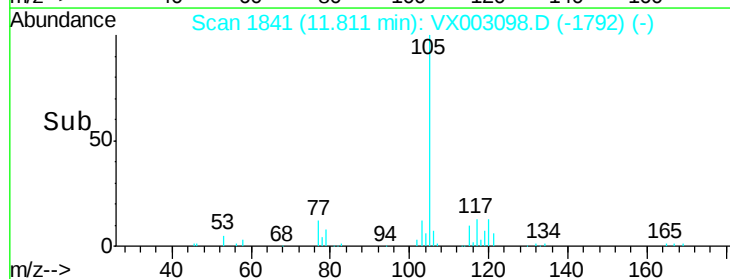
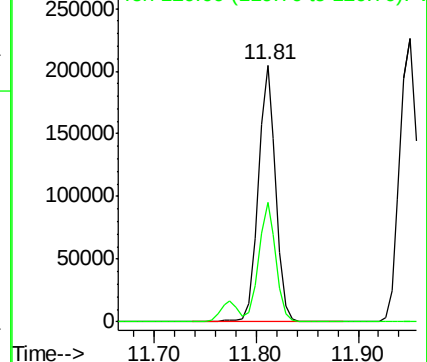
105 100

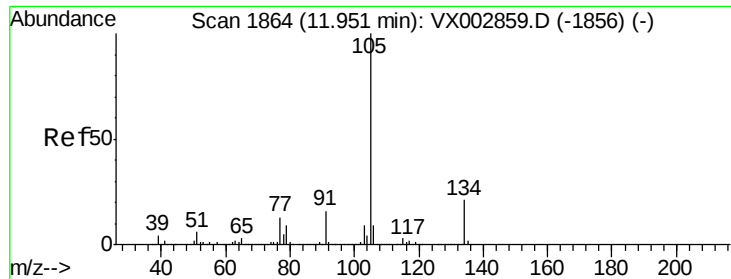
120 45.9 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.66 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

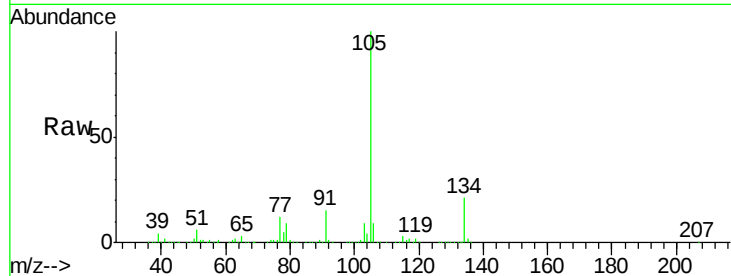
VX0630WBS02

Tot Ion:105 Resp: 276368

Ion Ratio Lower Upper

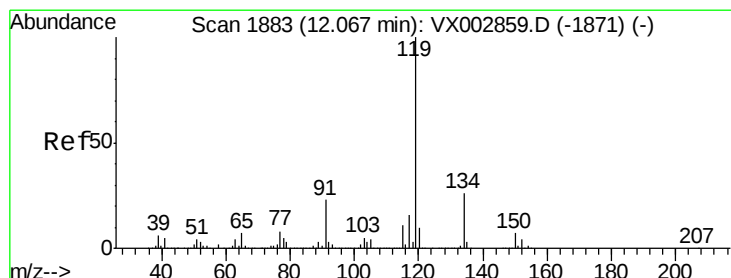
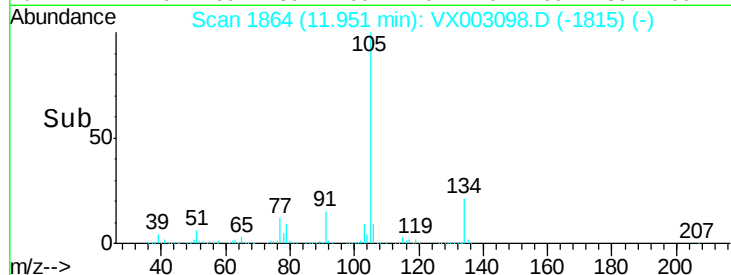
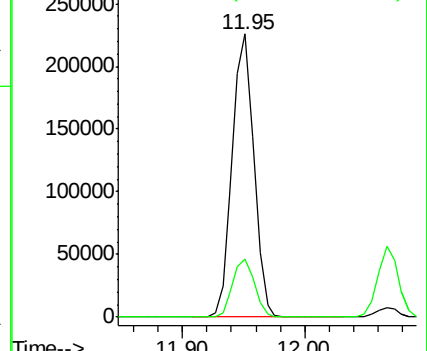
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.82 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

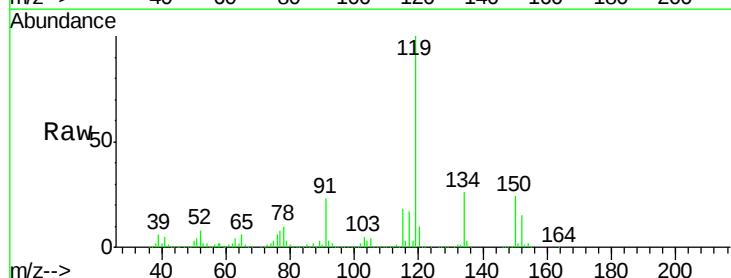
Tgt Ion:119 Resp: 250531

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

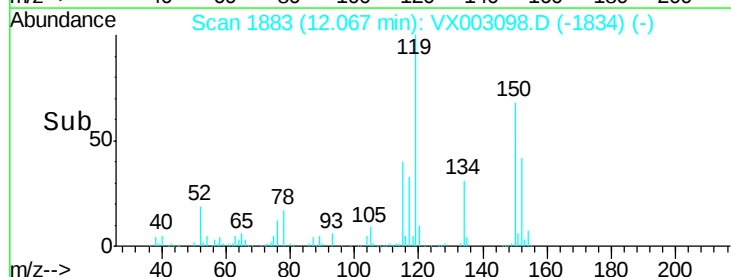
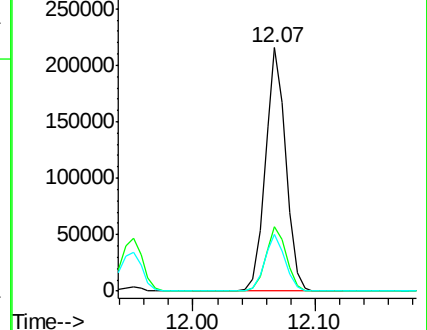
91 23.2 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.85 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS02

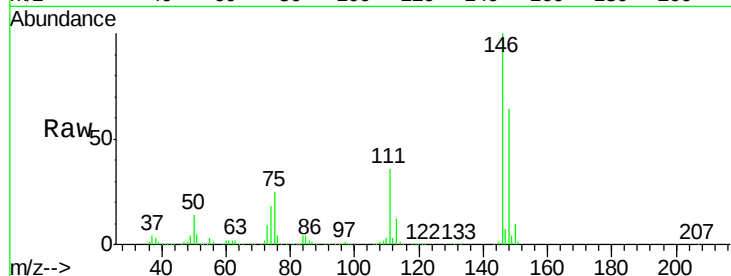
Tot Ion:146 Resp: 144141

Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.7

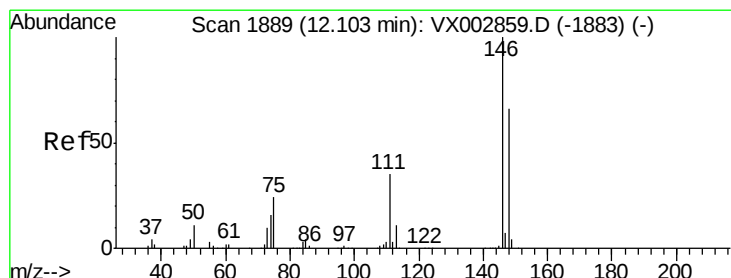
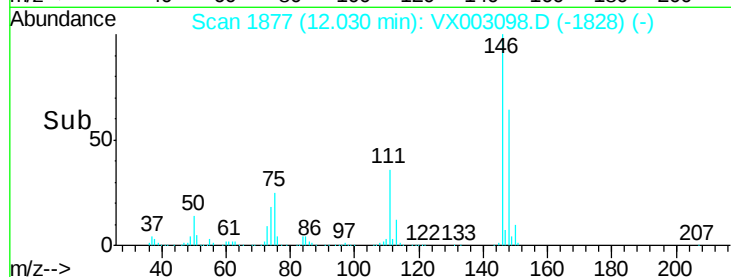
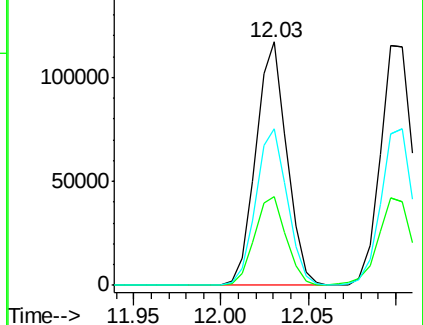
148 65.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.97 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

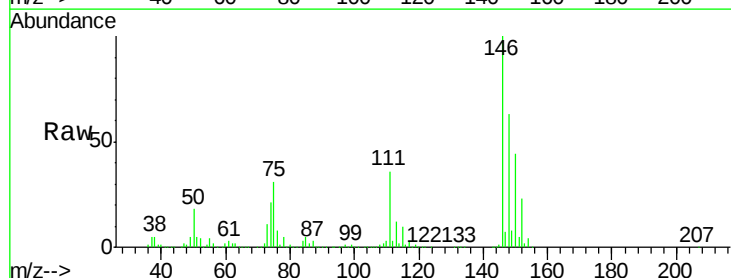
Tgt Ion:146 Resp: 149323

Ion Ratio Lower Upper

146 100

111 37.3 18.7 56.1

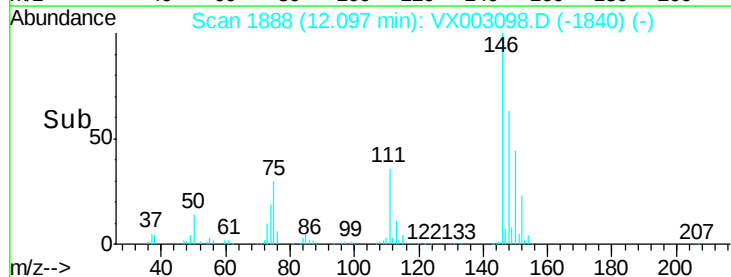
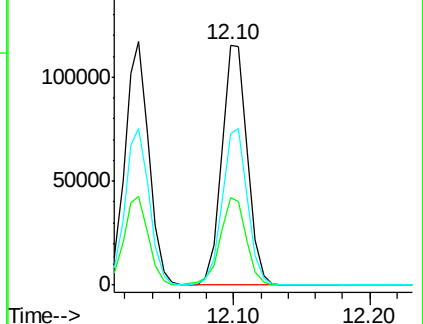
148 64.5 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.32 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

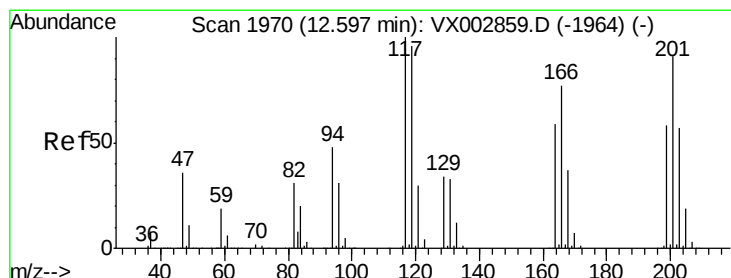
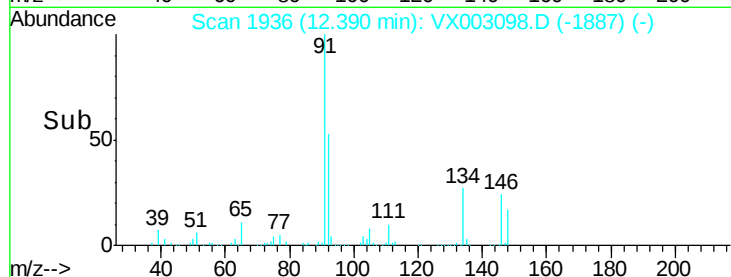
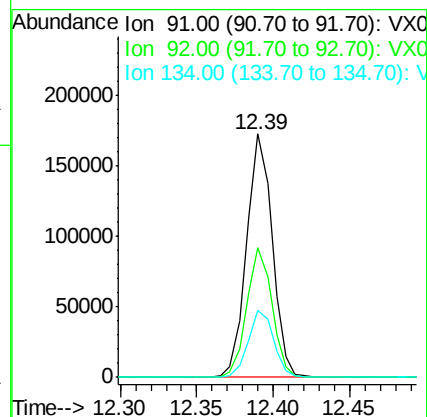
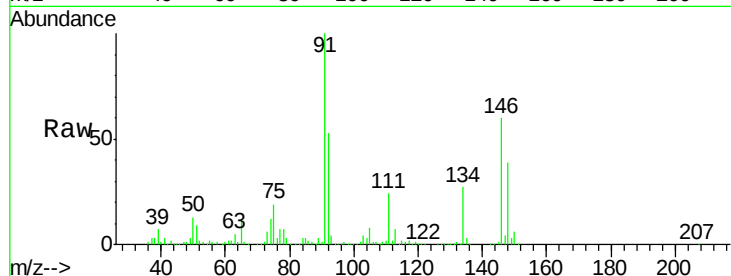
Tot Ion: 91 Resp: 200734

Ion Ratio Lower Upper

91 100

92 52.5 26.0 78.0

134 27.4 13.5 40.5



#90

Hexachloroethane

Concen: 16.84 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003098.D

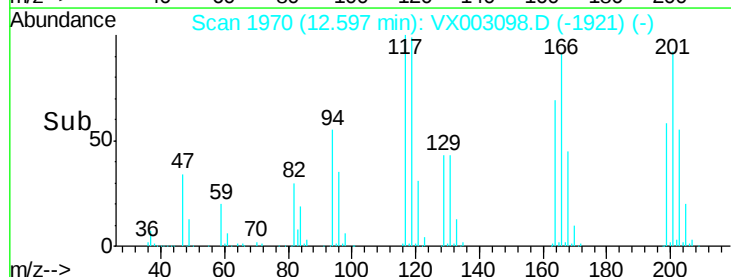
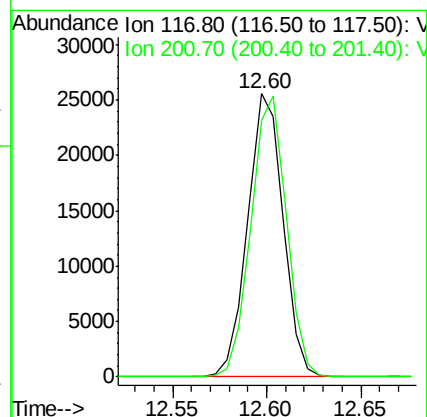
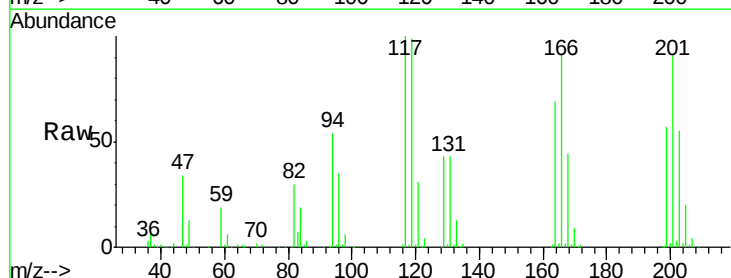
Acq: 01 Jul 2018 01:34

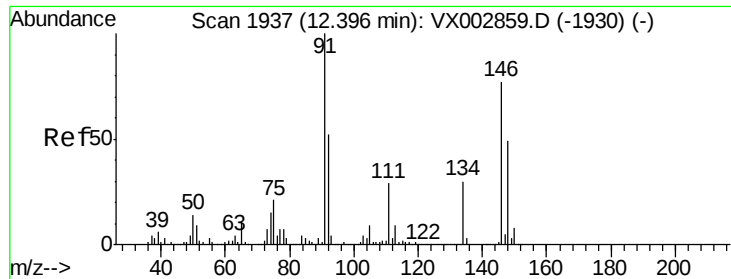
Tgt Ion: 117 Resp: 33345

Ion Ratio Lower Upper

117 100

201 98.9 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 19.12 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

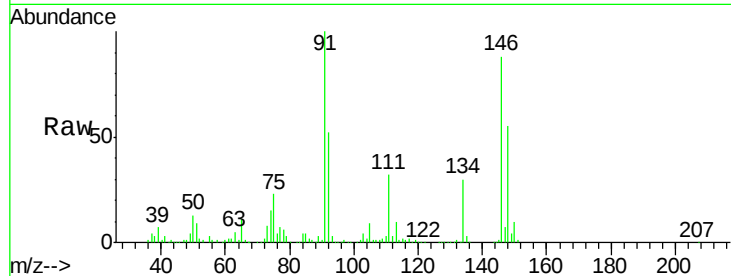
Tot Ion:146 Resp: 147589

Ion Ratio Lower Upper

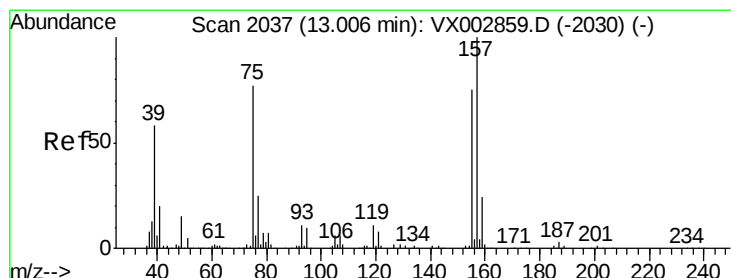
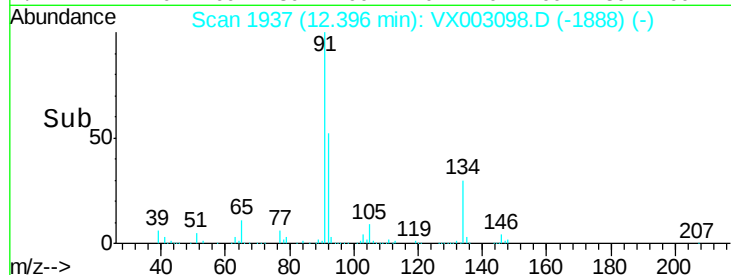
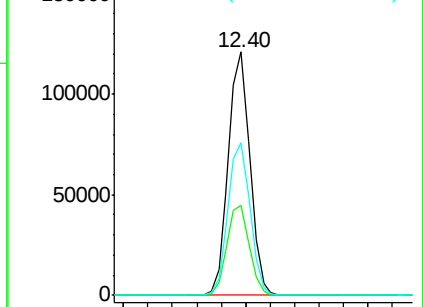
146 100

111 38.4 19.4 58.1

148 64.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.44 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

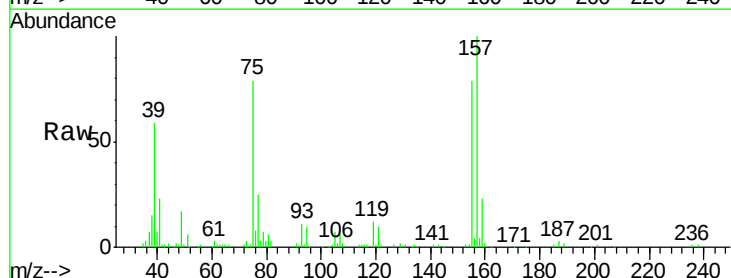
Tgt Ion: 75 Resp: 18772

Ion Ratio Lower Upper

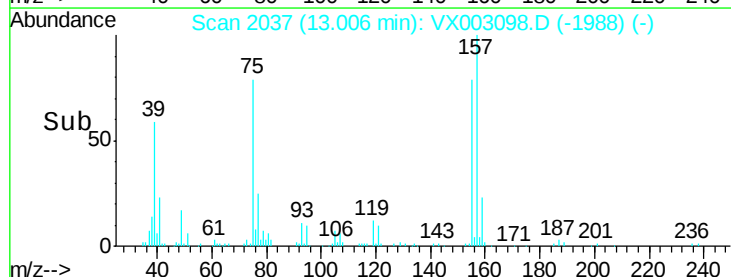
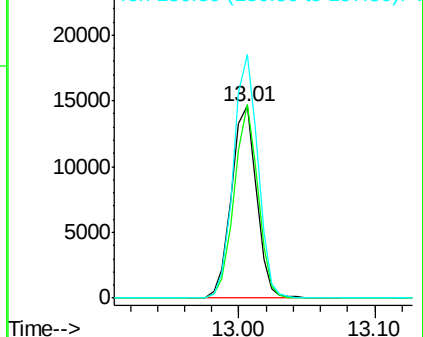
75 100

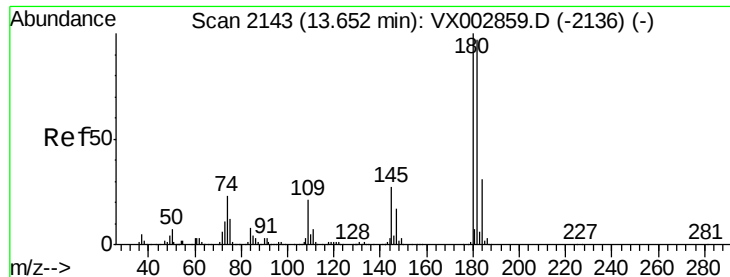
155 94.6 45.8 137.4

157 123.0 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

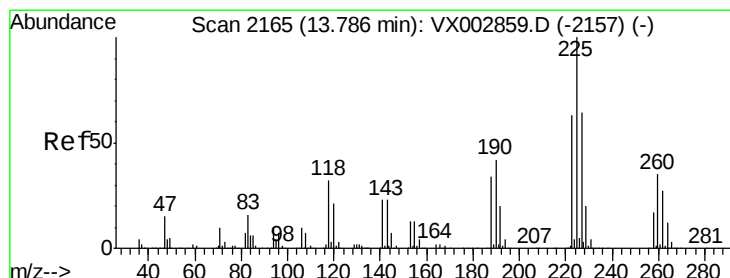
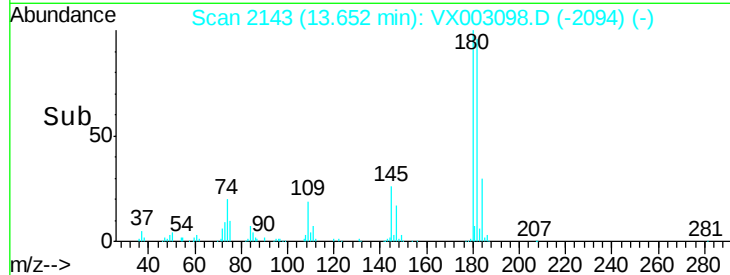
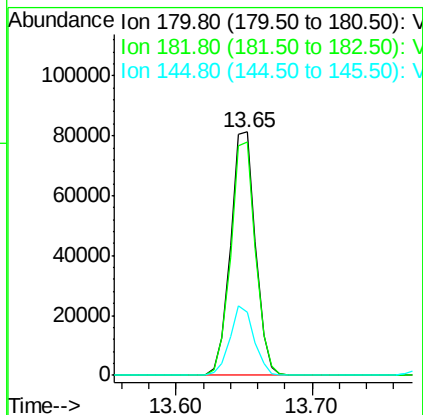
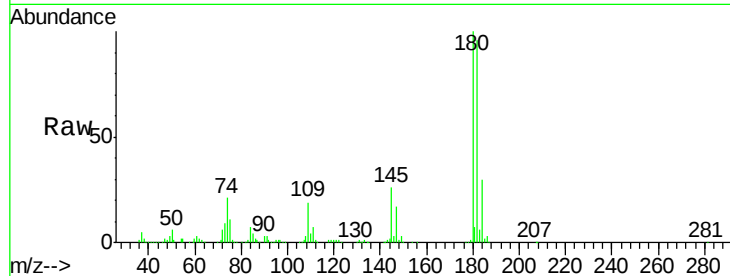




#93
 1,2,4-Trichlorobenzene
 Concen: 18.35 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003098.D
 Acq: 01 Jul 2018 01:34

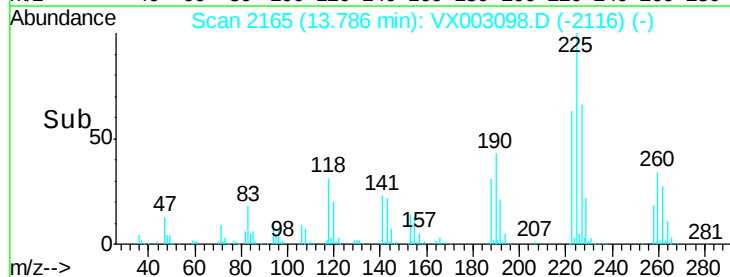
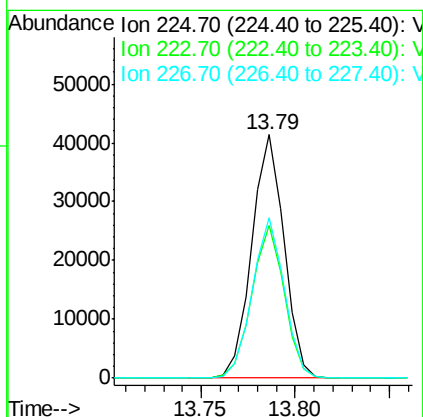
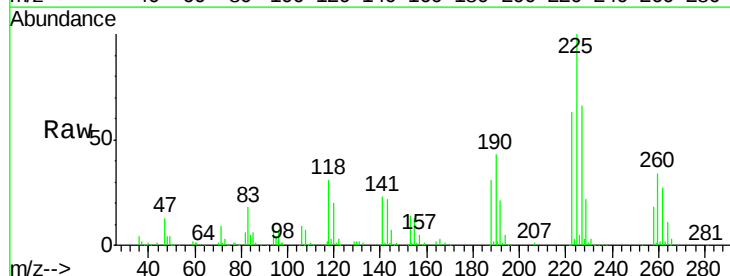
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS02

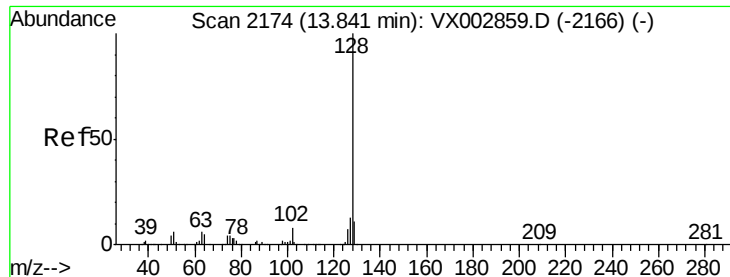
Tot Ion:180 Resp: 103090
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 27.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 17.52 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003098.D
 Acq: 01 Jul 2018 01:34

Tgt Ion:225 Resp: 49089
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.6 95.0
 227 65.2 32.4 97.2





#95

Naphthalene

Concen: 19.75 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS02

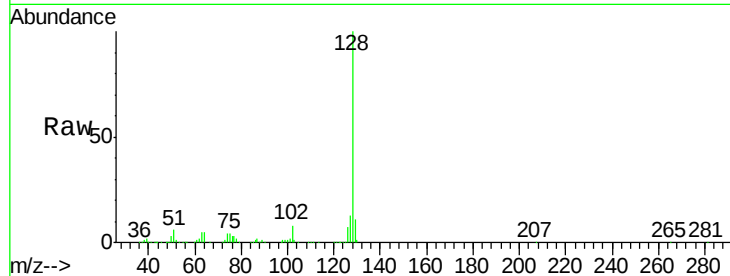
Tot Ion:128 Resp: 295447

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

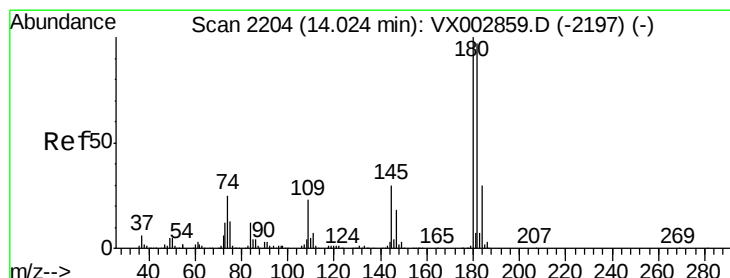
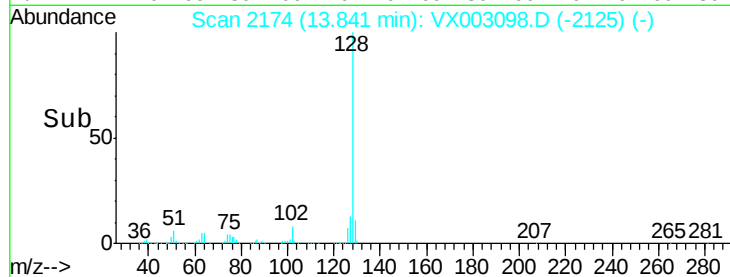
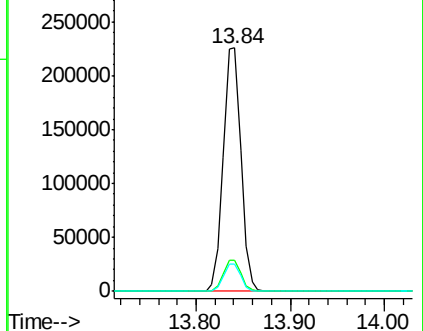
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.86 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003098.D

Acq: 01 Jul 2018 01:34

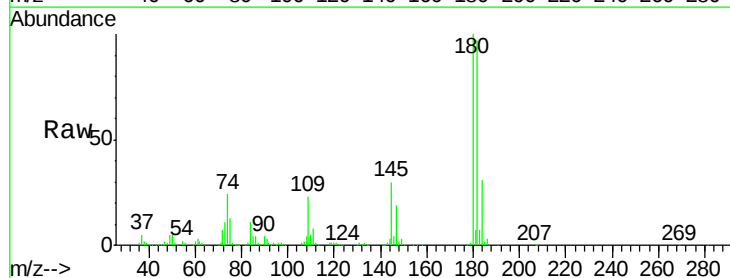
Tgt Ion:180 Resp: 105848

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.0

145 29.5 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

