

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003073.D
 Acq On : 30 Jun 2018 12:28
 Operator : JC/MD
 Sample : VX0630WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Quant Time: Jul 02 02:38:57 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	267431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352486	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209410	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	154674	41.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.68%	
35) Dibromofluoromethane	5.51	113	126186	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
50) Toluene-d8	8.72	98	458929	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	
62) 4-Bromofluorobenzene	11.14	95	176650	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55274	22.99	ug/l	98
3) Chloromethane	1.32	50	53182	20.75	ug/l	97
4) Vinyl Chloride	1.40	62	60103	19.87	ug/l	95
5) Bromomethane	1.64	94	27685	17.86	ug/l	97
6) Chloroethane	1.72	64	38335	20.35	ug/l	99
7) Trichlorofluoromethane	1.93	101	95373	18.69	ug/l	100
8) Diethyl Ether	2.19	74	35376	19.07	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56032	18.96	ug/l	98
10) Methyl Iodide	2.51	142	39709	17.82	ug/l	99
11) Tert butyl alcohol	3.07	59	66859	90.80	ug/l	100
12) 1,1-Dichloroethene	2.37	96	49793	18.88	ug/l	95
13) Acrolein	2.29	56	32268	81.93	ug/l	100
14) Allyl chloride	2.73	41	97827	18.82	ug/l	96
15) Acrylonitrile	3.15	53	146825	93.35	ug/l	99
16) Acetone	2.45	43	162169	105.94	ug/l	96
17) Carbon Disulfide	2.57	76	127758	18.18	ug/l	99
18) Methyl Acetate	2.78	43	72167	16.86	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	178479	18.82	ug/l	100
20) Methylene Chloride	2.86	84	56857	19.09	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	53243	18.53	ug/l	92
22) Diisopropyl ether	3.87	45	187561	18.87	ug/l	96
23) Vinyl Acetate	3.82	43	807964	96.01	ug/l	99
24) 1,1-Dichloroethane	3.70	63	103317	19.13	ug/l	98
25) 2-Butanone	4.70	43	218533	96.19	ug/l	97
26) 2,2-Dichloropropane	4.59	77	82834	18.86	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	60873	18.90	ug/l	98
28) Bromochloromethane	5.02	49	52259	20.21	ug/l	93
29) Tetrahydrofuran	5.16	42	129440	88.85	ug/l	97
30) Chloroform	5.21	83	104673	18.88	ug/l	98
31) Cyclohexane	5.57	56	85112	18.36	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	91250	18.71	ug/l	99
36) 1,1-Dichloropropene	5.80	75	74329	19.23	ug/l	97
37) Ethyl Acetate	4.85	43	80376	19.31	ug/l	98
38) Carbon Tetrachloride	5.78	117	80195	18.91	ug/l	97

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Quant Time: Jul 02 02:38:57 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	84109	18.68	ug/l	97
40) Benzene	6.15	78	222077	19.77	ug/l	99
41) Methacrylonitrile	5.06	41	45756	19.09	ug/l	98
42) 1,2-Dichloroethane	6.20	62	87165	19.21	ug/l	99
43) Isopropyl Acetate	6.46	43	126963	18.19	ug/l	98
44) Trichloroethene	7.21	130	66649	19.90	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58849	19.75	ug/l	100
46) Dibromomethane	7.67	93	39911	19.30	ug/l	96
47) Bromodichloromethane	7.90	83	74388	19.46	ug/l	99
48) Methyl methacrylate	7.78	41	66411	18.47	ug/l	97
49) 1,4-Dioxane	7.76	88	25902	370.17	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	416099	95.28	ug/l	97
52) Toluene	8.79	92	145028	20.16	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	85470	19.74	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	77703	18.66	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	59895	20.26	ug/l	97
56) Ethyl methacrylate	9.18	69	85944	19.89	ug/l	94
57) 1,3-Dichloropropane	9.37	76	96015	19.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	325774	156.28	ug/l	97
59) 2-Hexanone	9.50	43	322830	97.27	ug/l	97
60) Dibromochloromethane	9.59	129	60978	19.59	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62140	20.04	ug/l	100
64) Tetrachloroethene	9.34	164	73816	19.75	ug/l	96
65) Chlorobenzene	10.14	112	167907	19.67	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	60944	19.65	ug/l	100
67) Ethyl Benzene	10.26	91	281535	19.97	ug/l	99
68) m/p-Xylenes	10.36	106	217235	39.97	ug/l	98
69) o-Xylene	10.70	106	105232	19.89	ug/l	97
70) Styrene	10.71	104	172944	20.11	ug/l	99
71) Bromoform	10.86	173	45281	18.80	ug/l #	100
73) Isopropylbenzene	11.02	105	286144	20.31	ug/l	100
74) N-amyl acetate	6.46	43	126963	18.42	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	85546	19.71	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	95425	25.16	ug/l	79
77) Bromobenzene	11.26	156	80648	20.10	ug/l	97
78) n-propylbenzene	11.36	91	323690	20.19	ug/l	99
79) 2-Chlorotoluene	11.42	91	195237	20.11	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	237881	20.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	20020	17.65	ug/l	91
82) 4-Chlorotoluene	11.51	91	228316	19.87	ug/l	98
83) tert-Butylbenzene	11.77	119	234599	20.06	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	246337	20.04	ug/l	99
85) sec-Butylbenzene	11.95	105	280961	19.81	ug/l	99
86) p-Isopropyltoluene	12.07	119	253378	19.87	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	146911	20.05	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149027	19.76	ug/l	99
89) n-Butylbenzene	12.39	91	212928	19.18	ug/l	99
90) Hexachloroethane	12.60	117	33140	17.47	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	147378	19.93	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17117	17.55	ug/l	97

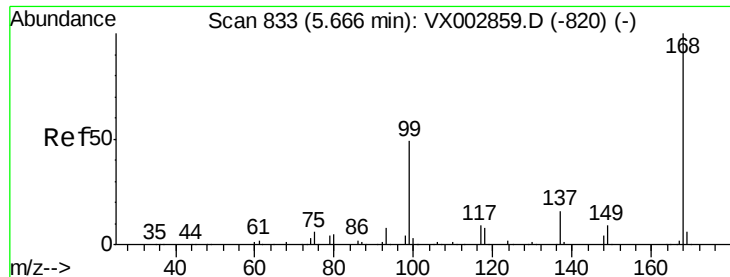
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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	105806	19.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	53270	19.84	ug/l	98
95) Naphthalene	13.84	128	280963	19.60	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	105807	19.68	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

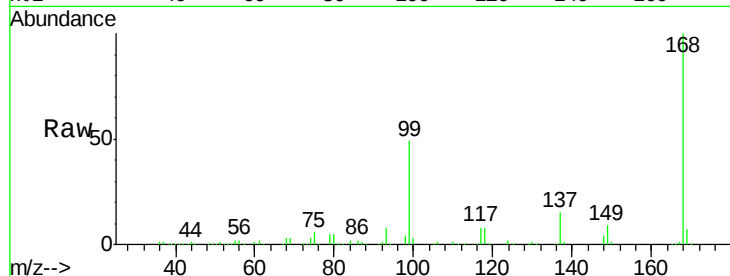
VX0630WBS01

Tot Ion:168 Resp: 267431

Ion Ratio Lower Upper

168 100

99 48.6 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

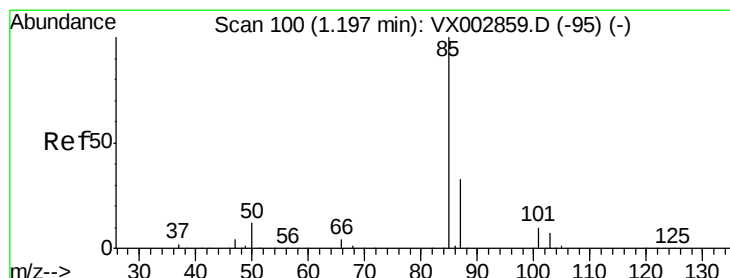
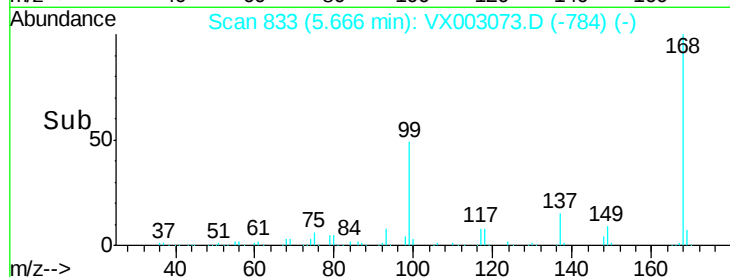
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 22.99 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003073.D

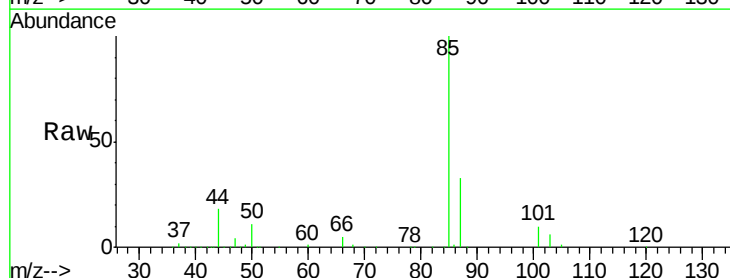
Acq: 30 Jun 2018 12:28

Tgt Ion: 85 Resp: 55274

Ion Ratio Lower Upper

85 100

87 33.0 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

30000

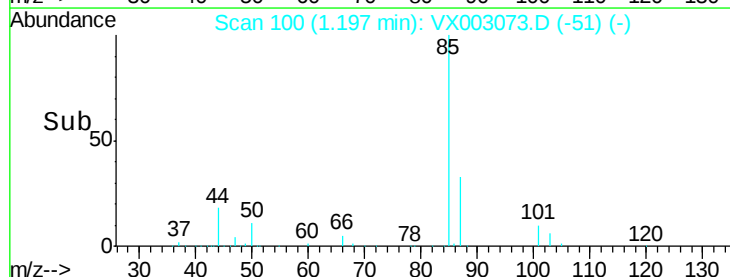
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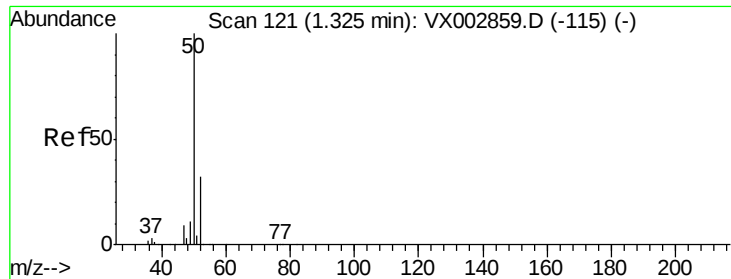
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0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 20.75 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

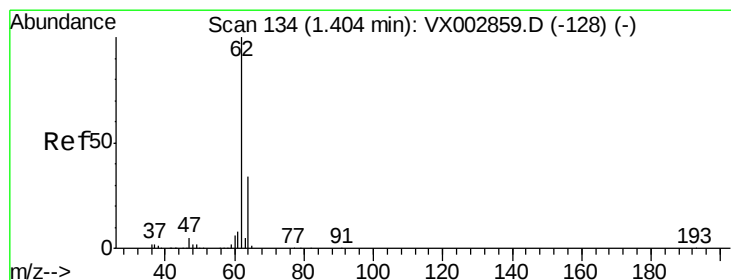
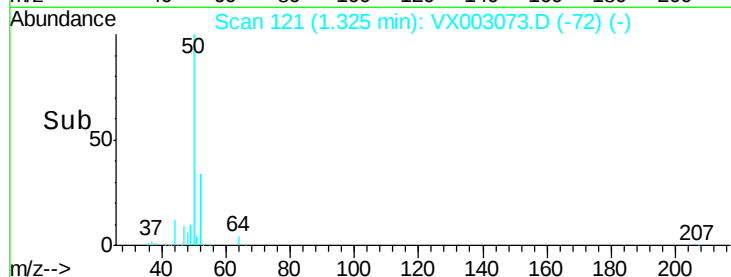
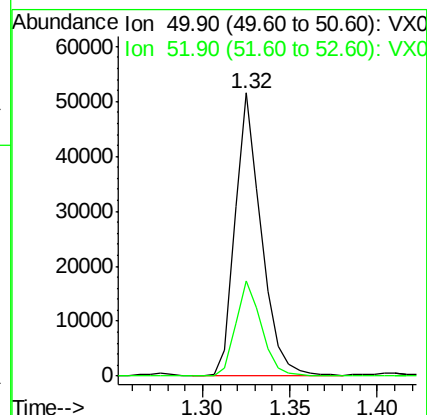
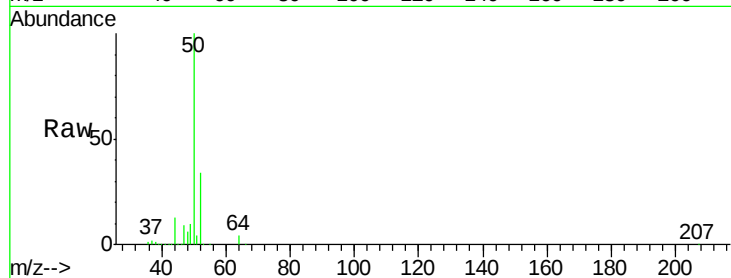
VX0630WBS01

Tot Ion: 50 Resp: 53182

Ion Ratio Lower Upper

50 100

52 33.9 25.7 38.5



#4

Vinyl Chloride

Concen: 19.87 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003073.D

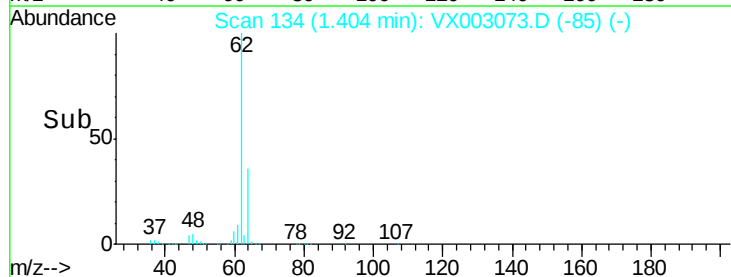
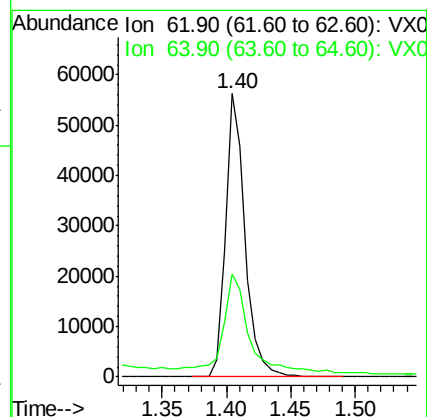
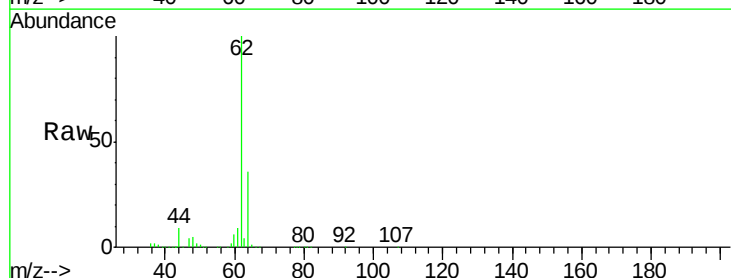
Acq: 30 Jun 2018 12:28

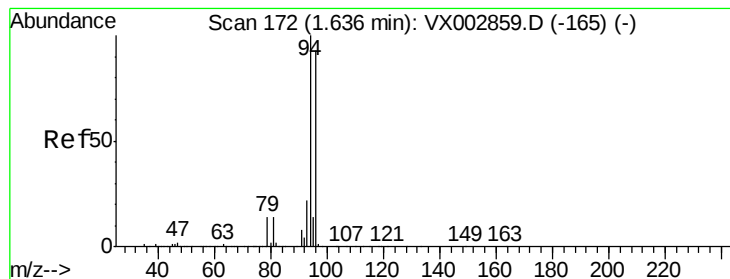
Tgt Ion: 62 Resp: 60103

Ion Ratio Lower Upper

62 100

64 34.8 25.4 38.2





#5

Bromomethane

Concen: 17.86 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

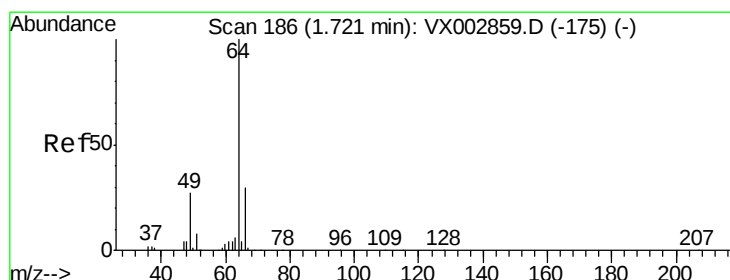
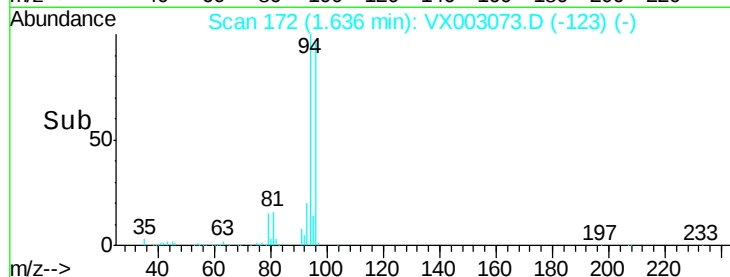
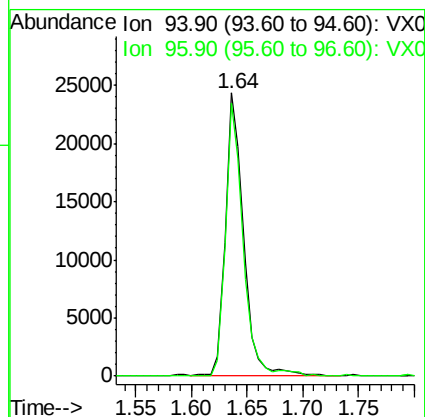
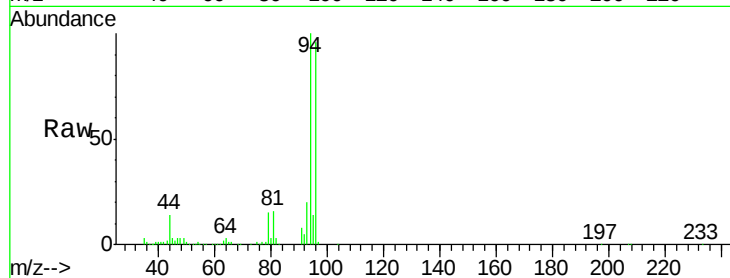
VX0630WBS01

Tot Ion: 94 Resp: 27685

Ion Ratio Lower Upper

94 100

96 96.1 74.9 112.3



#6

Chloroethane

Concen: 20.35 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003073.D

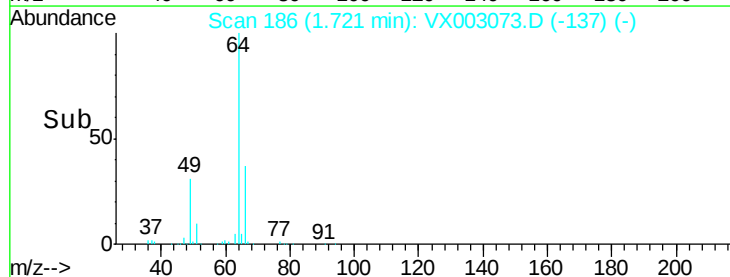
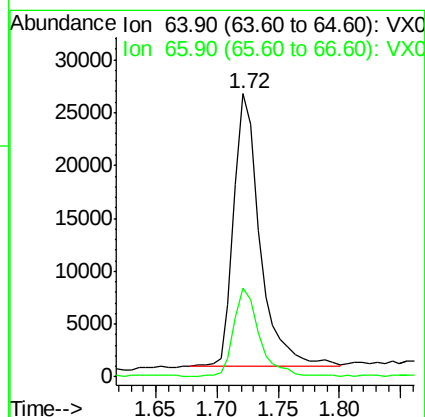
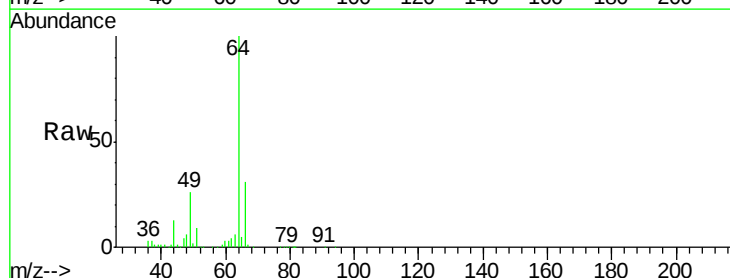
Acq: 30 Jun 2018 12:28

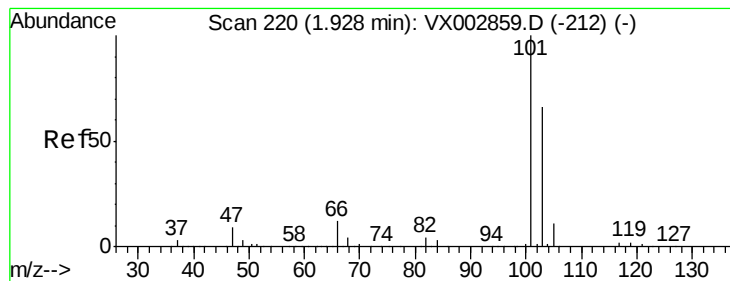
Tgt Ion: 64 Resp: 38335

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3



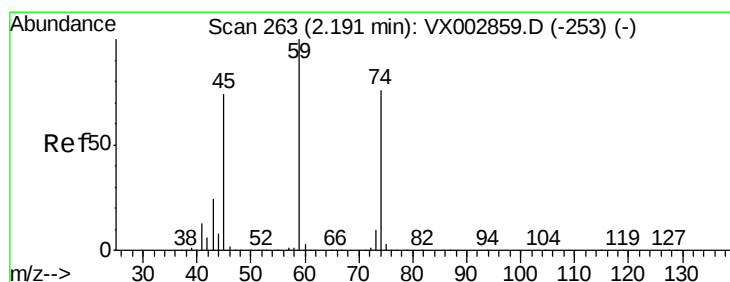
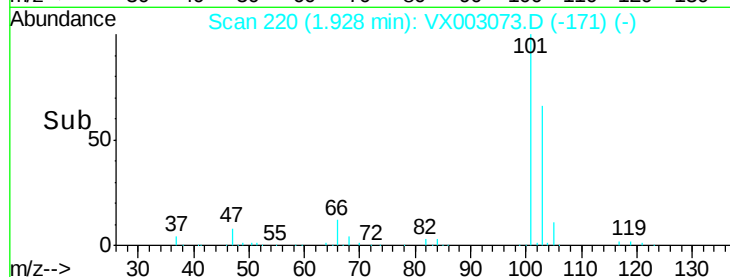
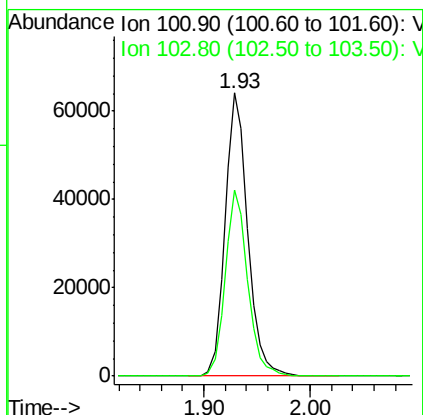
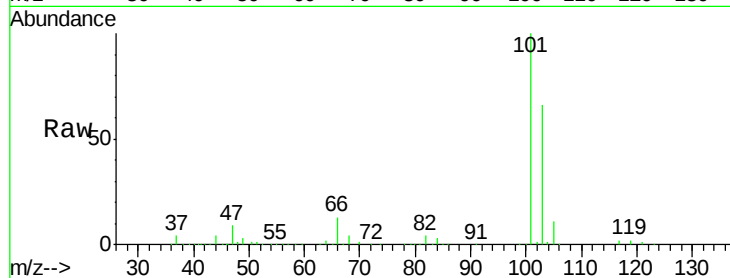


#7

Trichlorofluoromethane
Concen: 18.69 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

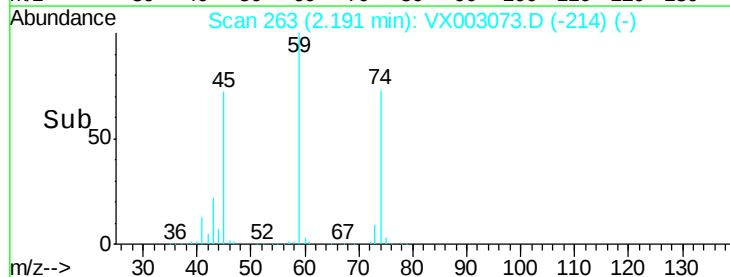
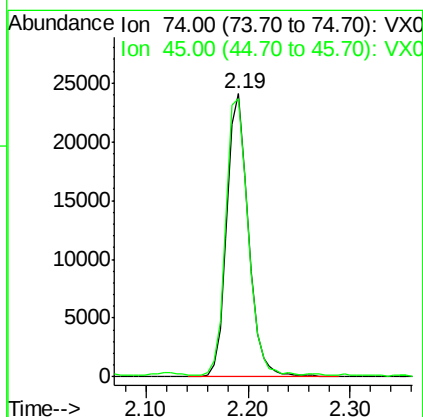
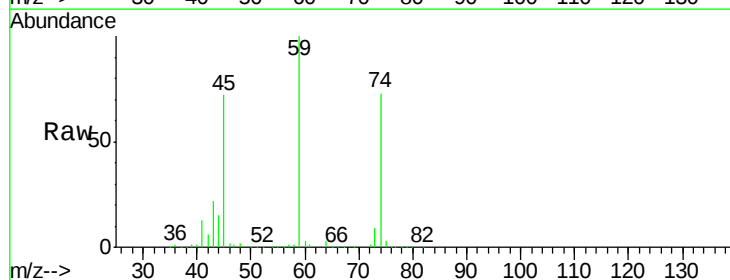
Tot Ion:101 Resp: 95373
Ion Ratio Lower Upper
101 100
103 65.9 52.8 79.2

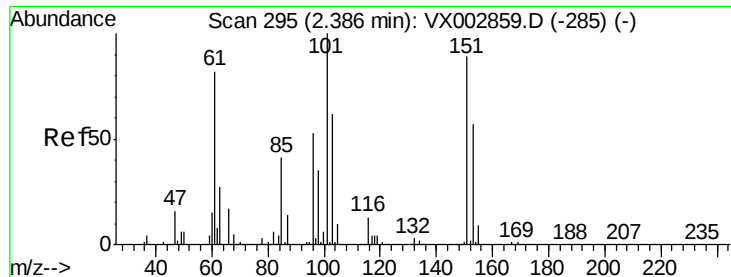


#8

Diethyl Ether
Concen: 19.07 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion: 74 Resp: 35376
Ion Ratio Lower Upper
74 100
45 100.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.96 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

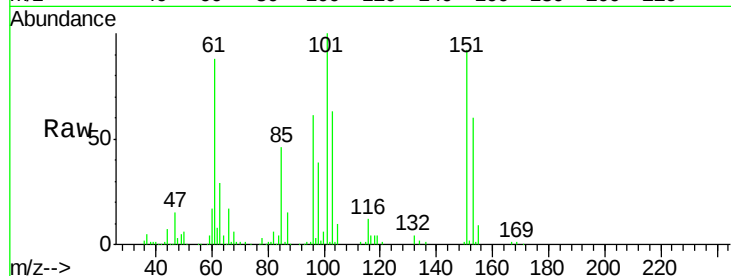
Tot Ion:101 Resp: 56032

Ion Ratio Lower Upper

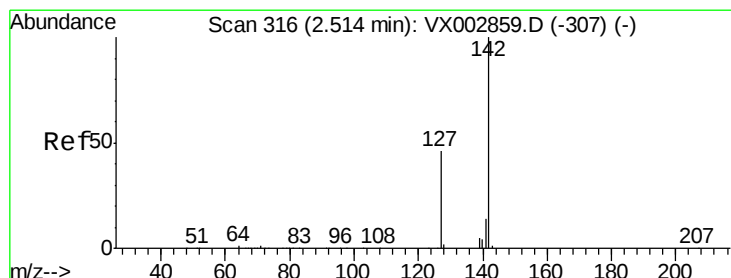
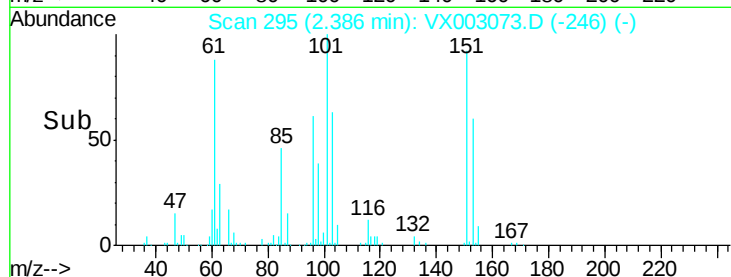
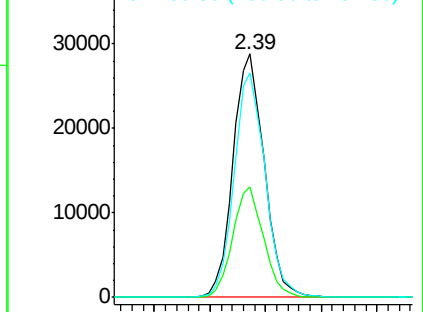
101 100

85 45.0 36.0 54.0

151 91.6 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.82 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

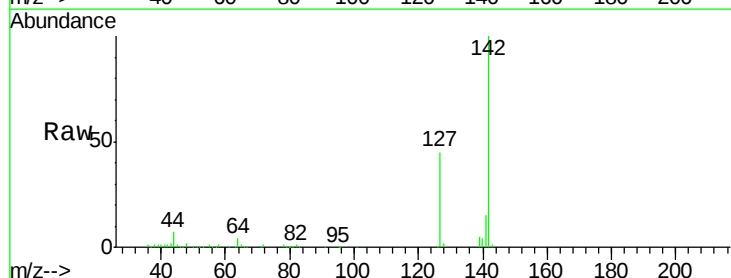
Tgt Ion:142 Resp: 39709

Ion Ratio Lower Upper

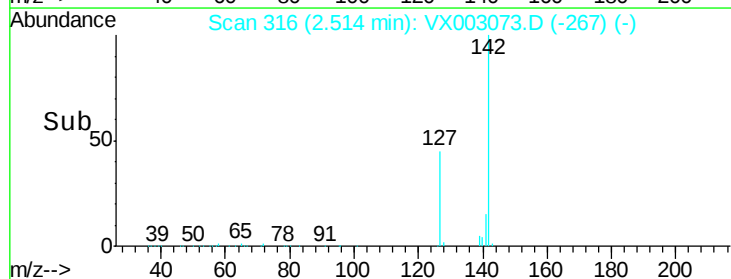
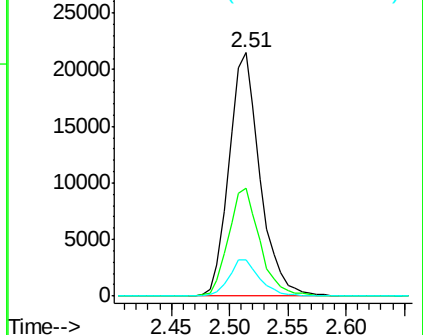
142 100

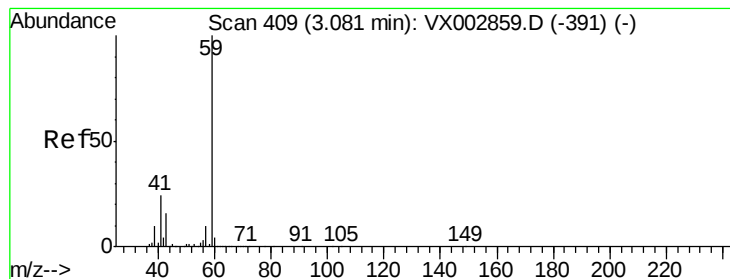
127 45.2 36.6 55.0

141 14.8 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



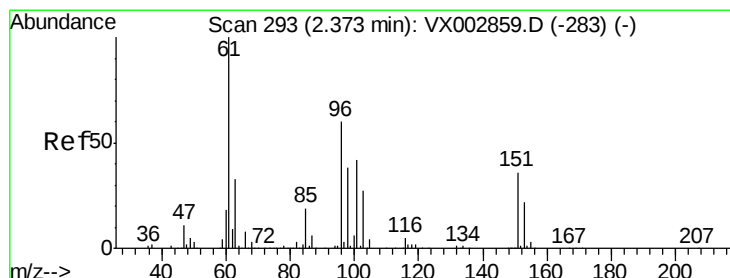
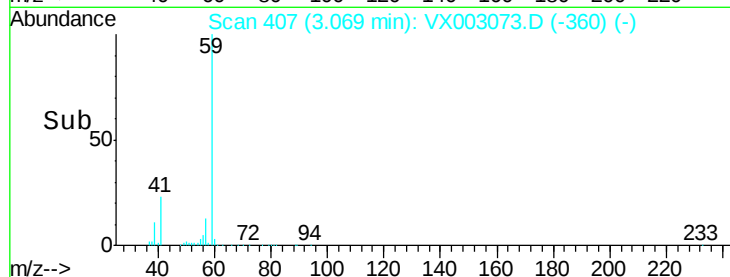
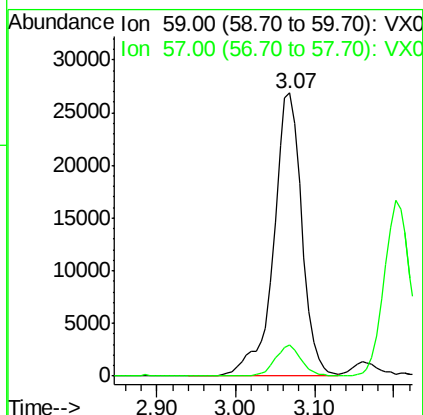
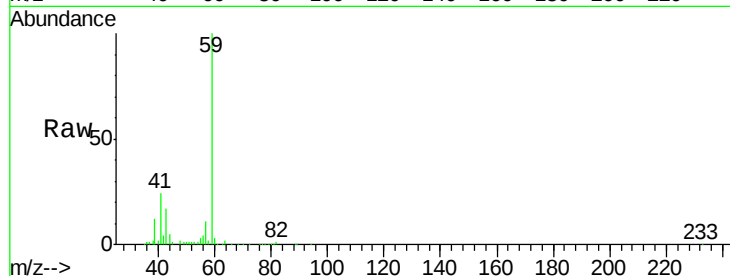


#11

Tert butyl alcohol
 Concen: 90.80 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

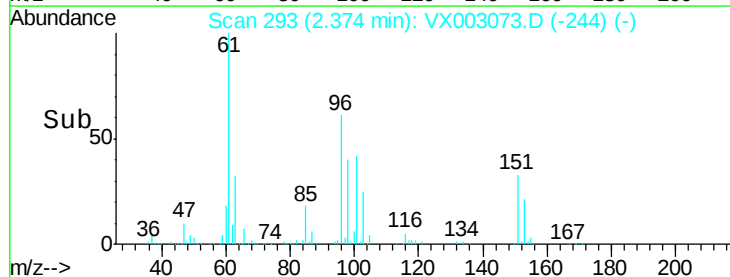
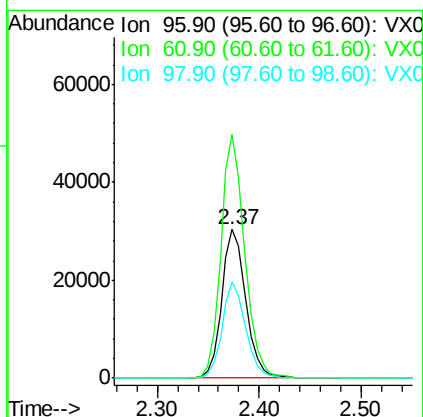
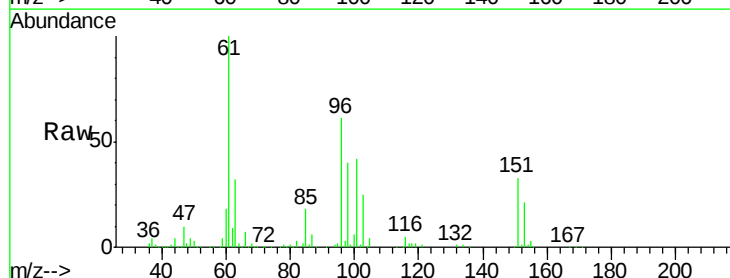
Tot Ion: 59 Resp: 66859
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

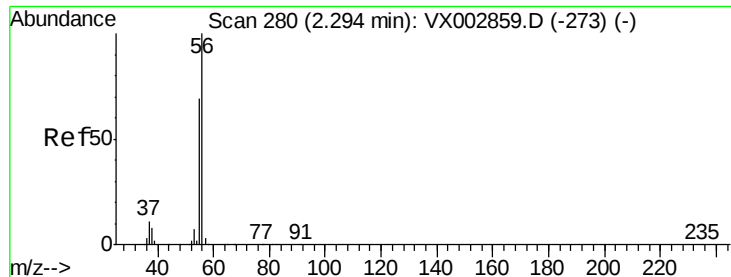


#12

1,1-Dichloroethene
 Concen: 18.88 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Tgt Ion: 96 Resp: 49793
 Ion Ratio Lower Upper
 96 100
 61 164.0 137.9 206.9
 98 65.0 51.6 77.4





#13

Acrolein

Concen: 81.93 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

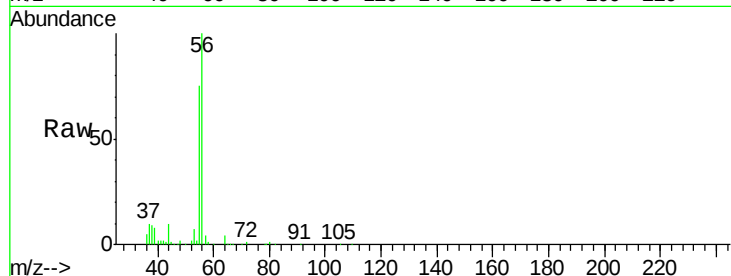
VX0630WBS01

Tot Ion: 56 Resp: 32268

Ion Ratio Lower Upper

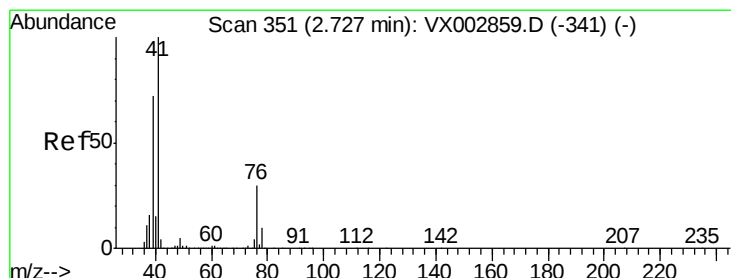
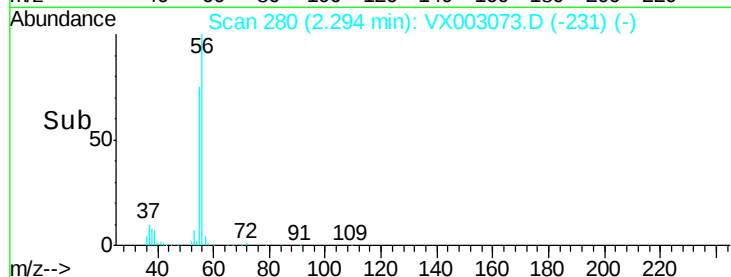
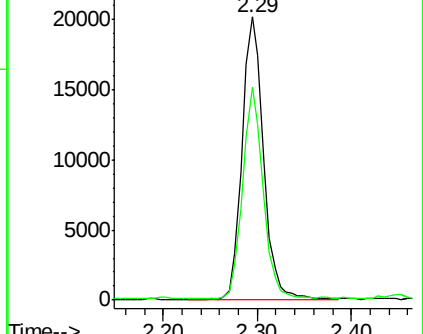
56 100

55 71.0 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.82 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

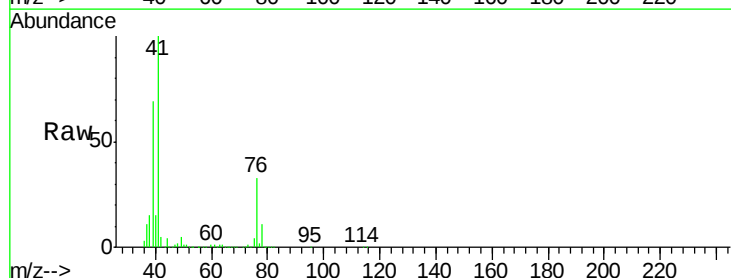
Tgt Ion: 41 Resp: 97827

Ion Ratio Lower Upper

41 100

39 66.8 56.8 85.2

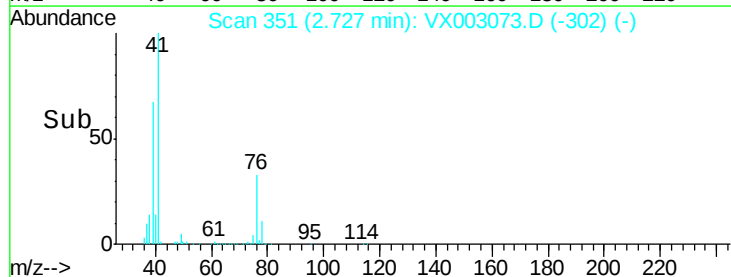
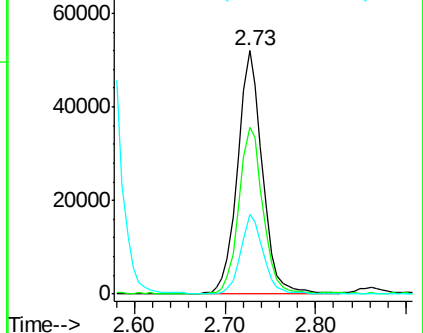
76 30.5 23.8 35.8

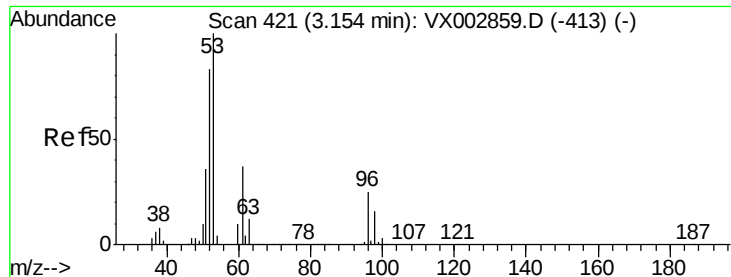


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 93.35 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

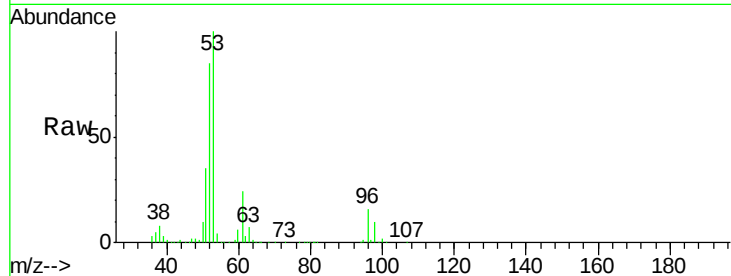
Tot Ion: 53 Resp: 146825

Ion Ratio Lower Upper

53 100

52 83.5 66.7 100.1

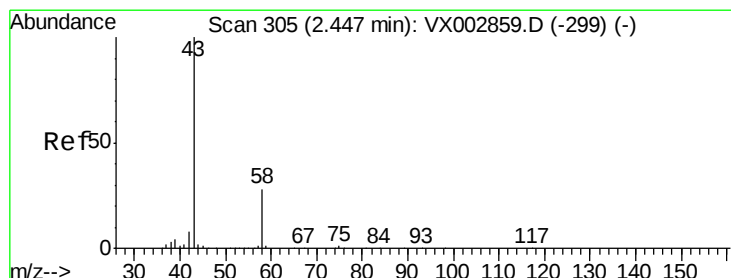
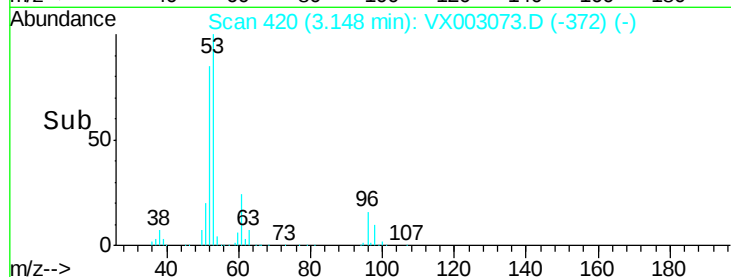
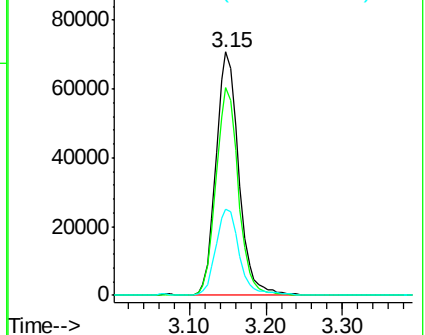
51 36.3 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 105.94 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003073.D

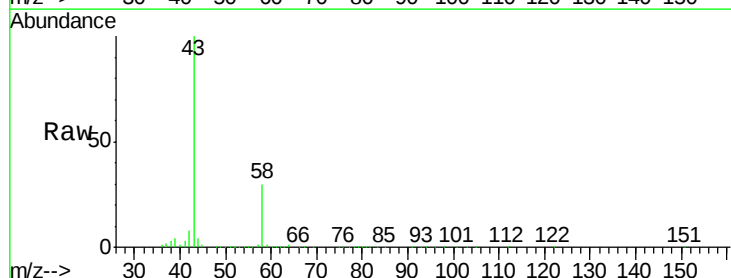
Acq: 30 Jun 2018 12:28

Tgt Ion: 43 Resp: 162169

Ion Ratio Lower Upper

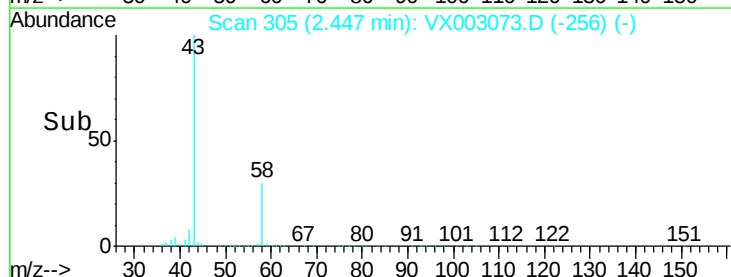
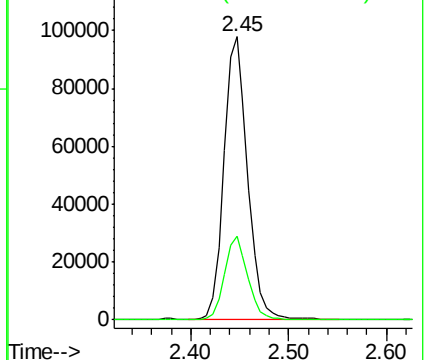
43 100

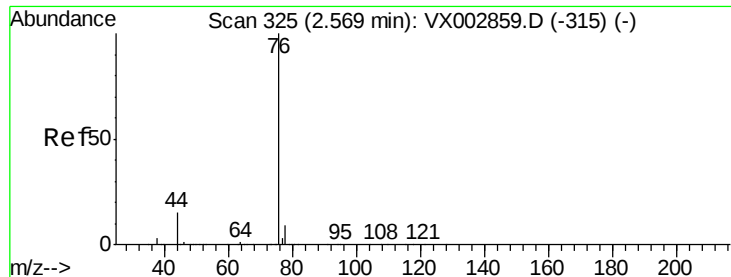
58 29.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

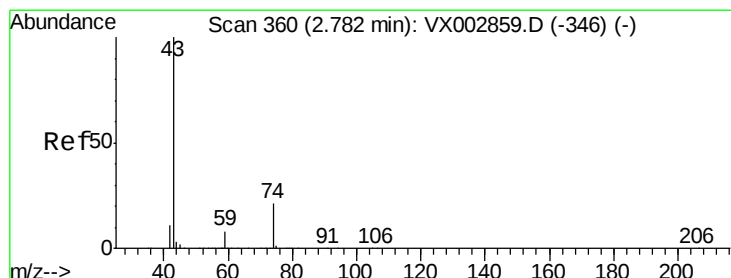
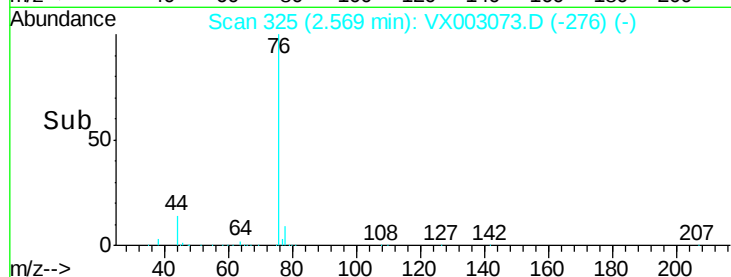
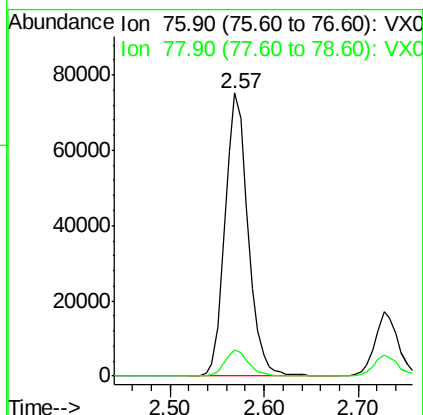
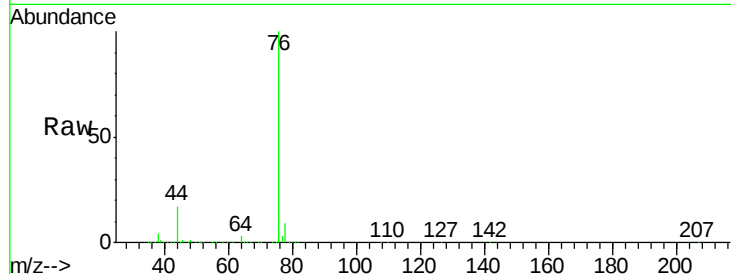




#17
Carbon Disulfide
Concen: 18.18 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

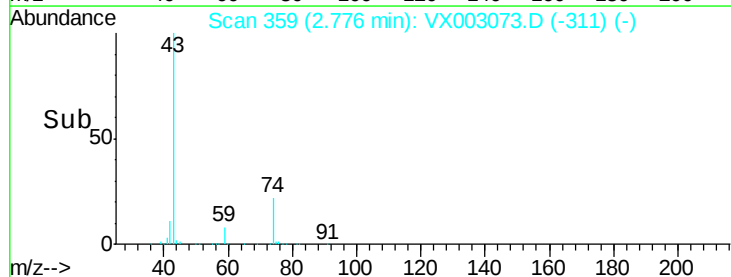
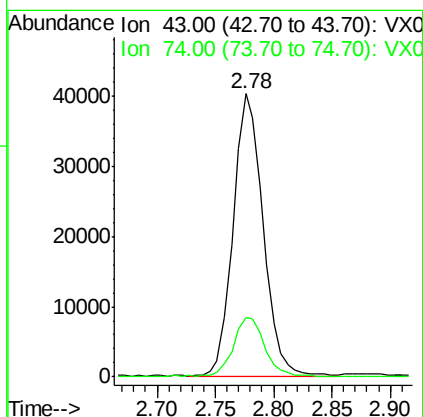
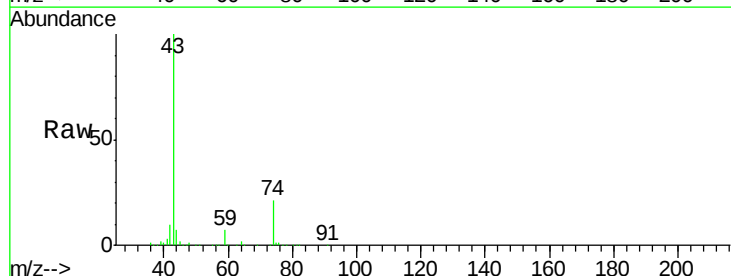
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

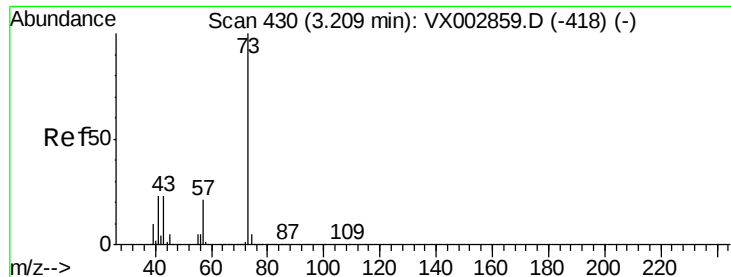
Tot Ion: 76 Resp: 127758
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 16.86 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion: 43 Resp: 72167
Ion Ratio Lower Upper
43 100
74 22.5 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 18.82 ug/l

RT: 3.20 min Scan# 429

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

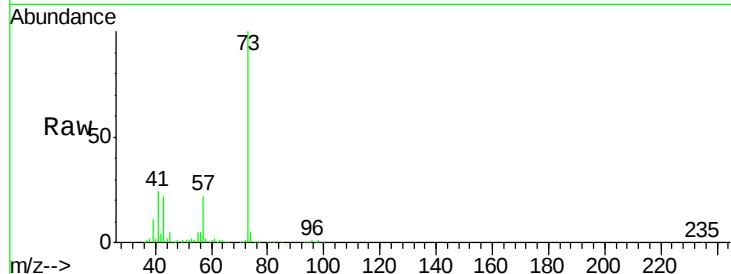
VX0630WBS01

Tot Ion: 73 Resp: 178479

Ion Ratio Lower Upper

73 100

57 22.1 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

80000

60000

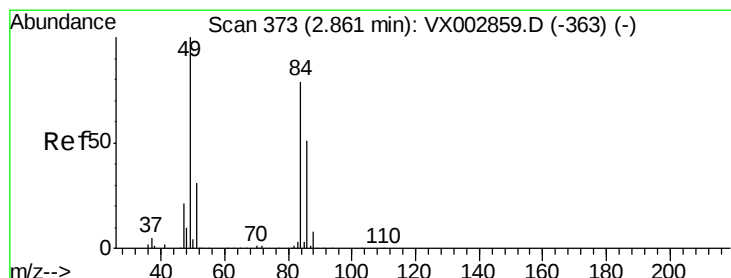
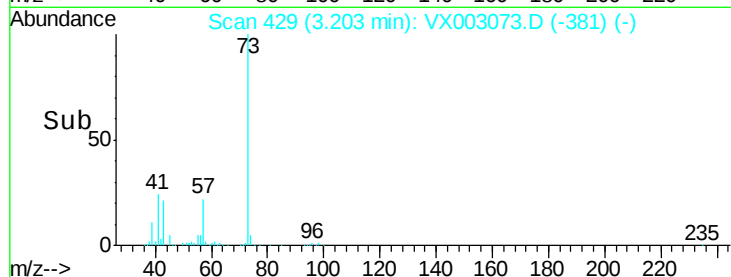
40000

20000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 19.09 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Tgt Ion: 84 Resp: 56857

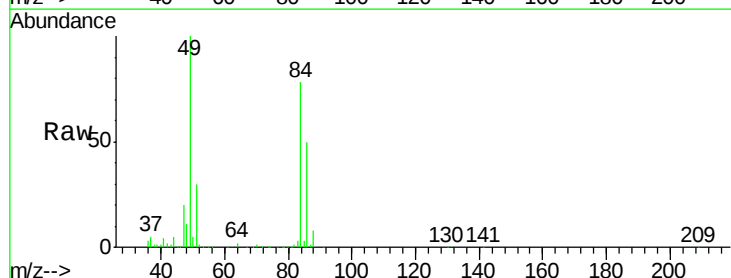
Ion Ratio Lower Upper

84 100

49 128.4 107.8 161.6

51 38.7 32.8 49.2

86 64.7 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

50000

40000

30000

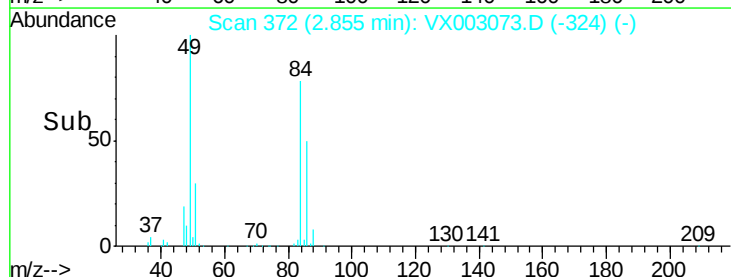
20000

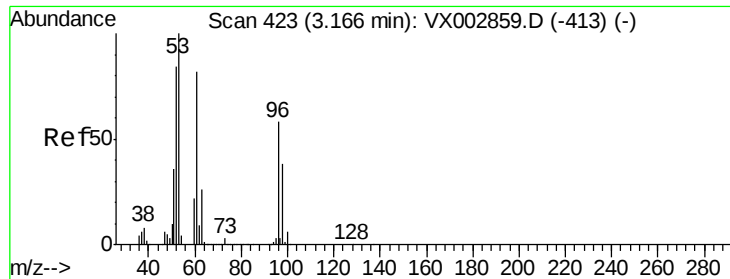
10000

0

2.80 2.86 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 18.53 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

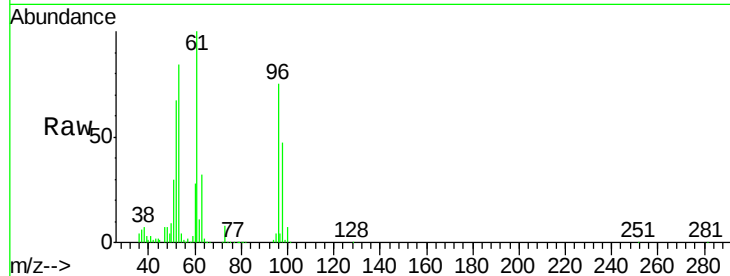
Tot Ion: 96 Resp: 53243

Ion Ratio Lower Upper

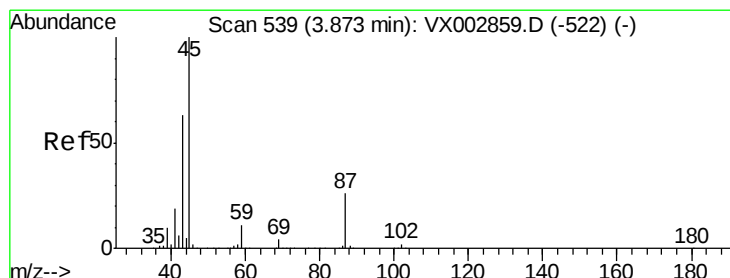
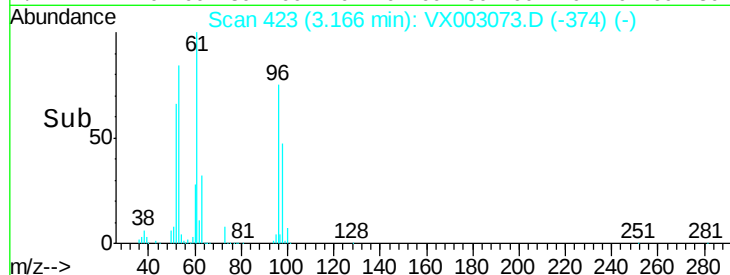
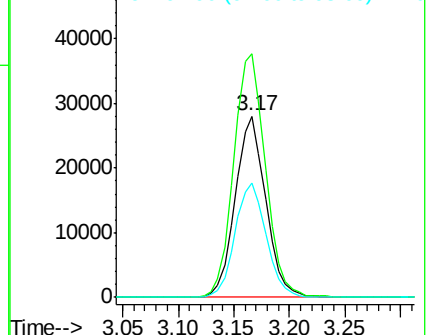
96 100

61 134.2 117.0 175.4

98 63.1 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: 18.87 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Tgt Ion: 45 Resp: 187561

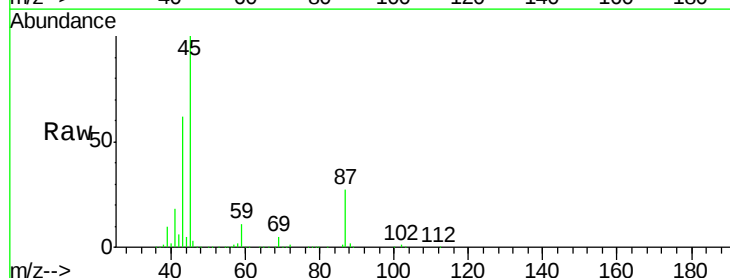
Ion Ratio Lower Upper

45 100

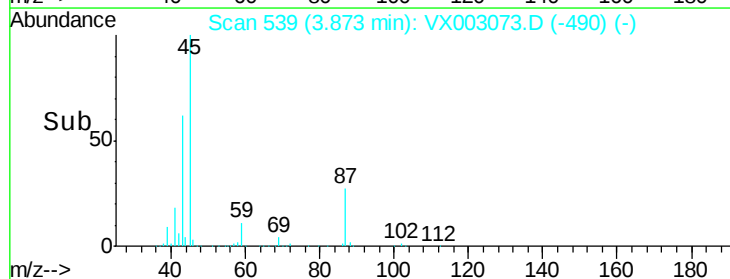
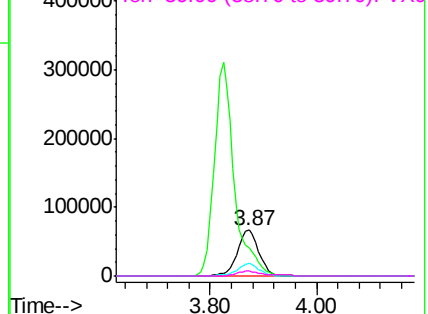
43 62.2 46.8 70.2

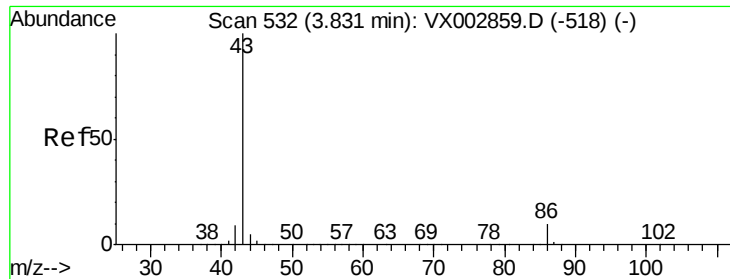
87 26.7 20.2 30.4

59 11.2 8.7 13.1



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





#23

Vinyl Acetate

Concen: 96.01 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

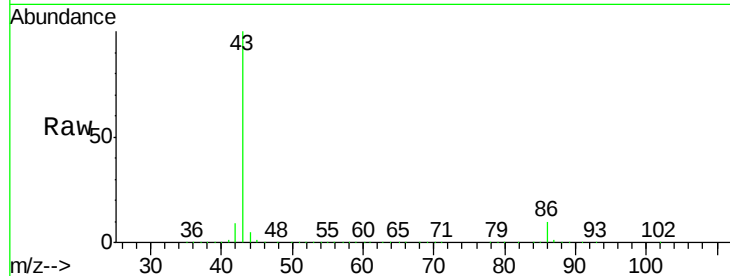
VX0630WBS01

Tot Ion: 43 Resp: 807964

Ion Ratio Lower Upper

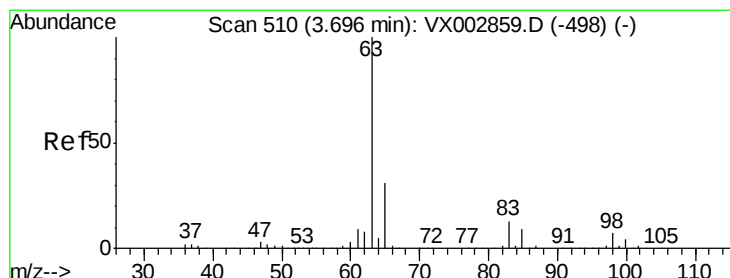
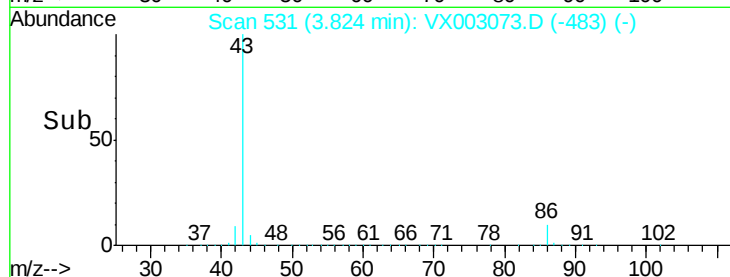
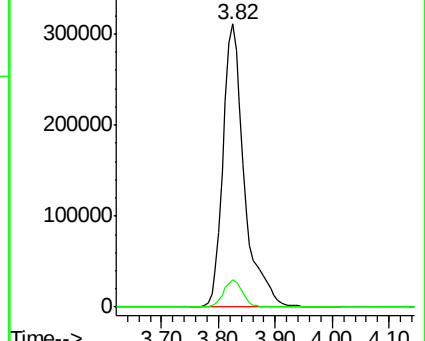
43 100

86 9.5 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: 19.13 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

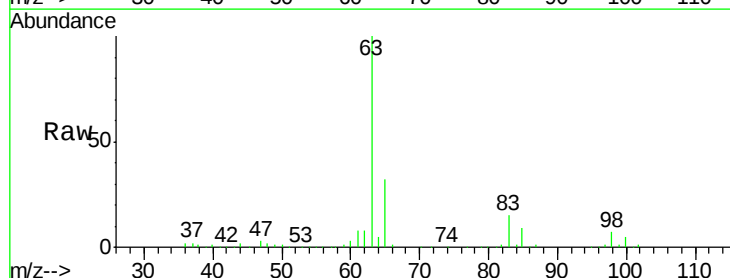
Tgt Ion: 63 Resp: 103317

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

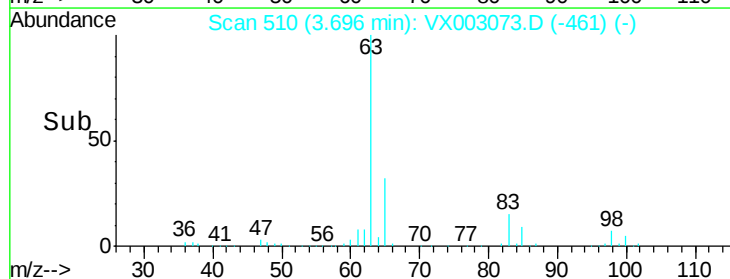
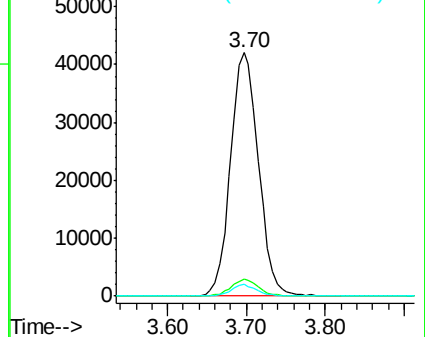
100 5.1 2.0 6.0

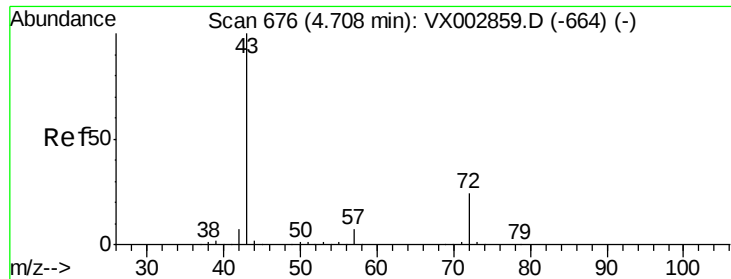


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.19 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

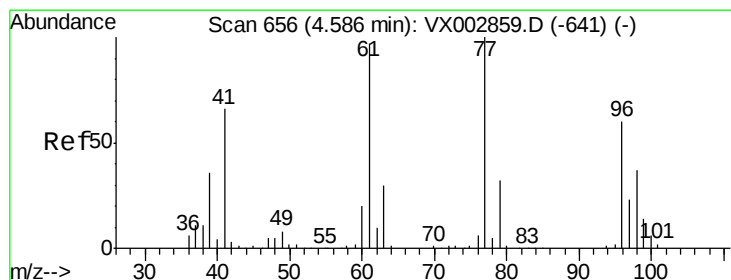
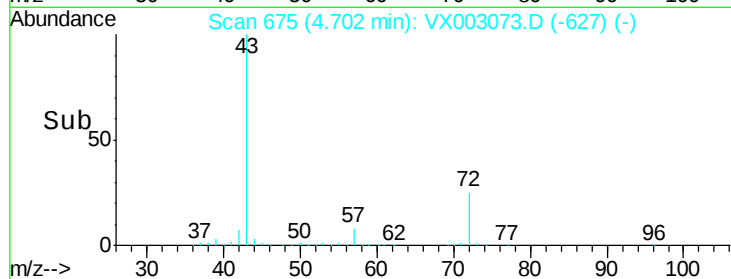
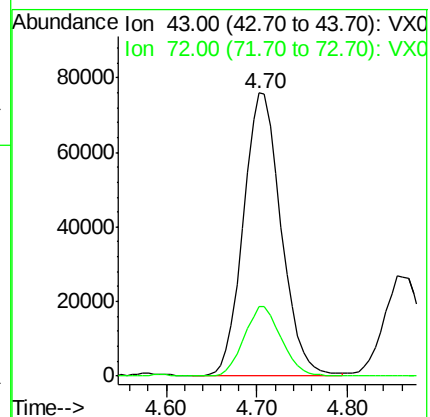
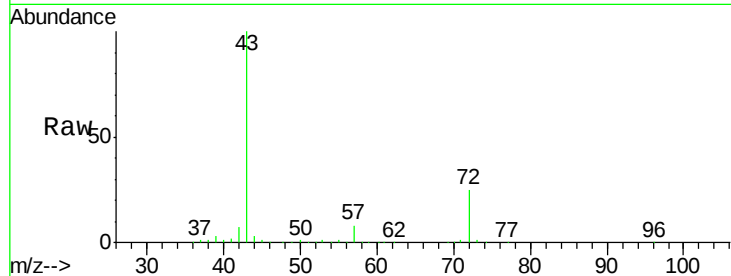
VX0630WBS01

Tot Ion: 43 Resp: 218533

Ion Ratio Lower Upper

43 100

72 24.5 18.5 27.7



#26

2,2-Dichloropropane

Concen: 18.86 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003073.D

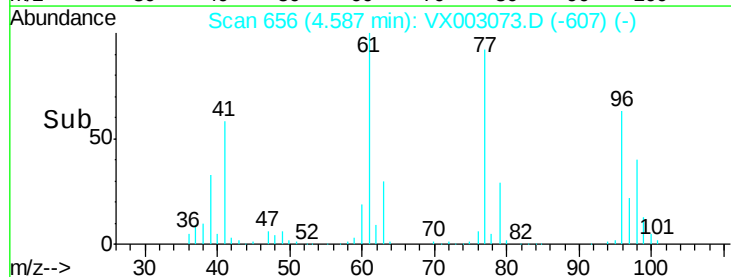
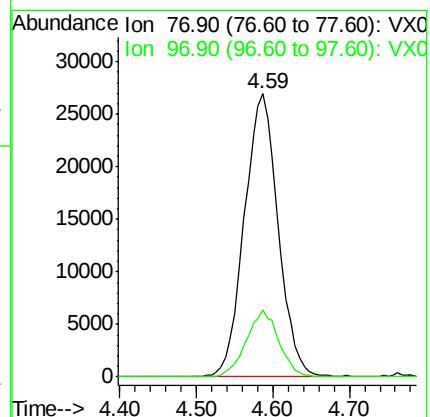
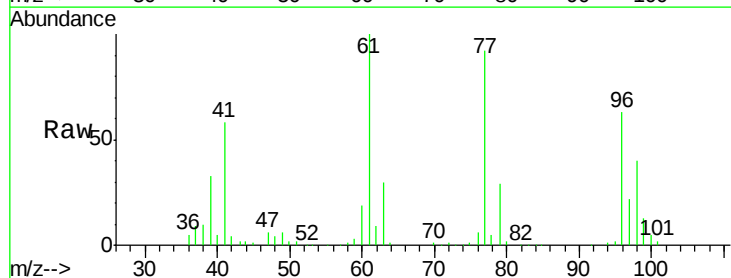
Acq: 30 Jun 2018 12:28

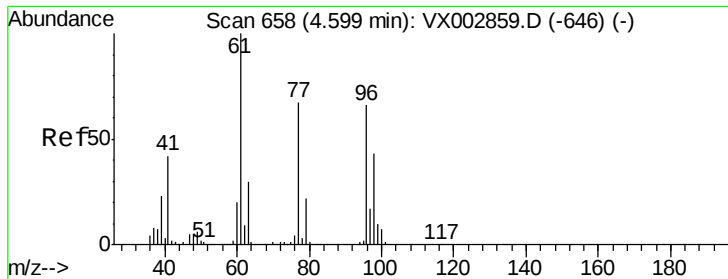
Tgt Ion: 77 Resp: 82834

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 18.90 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

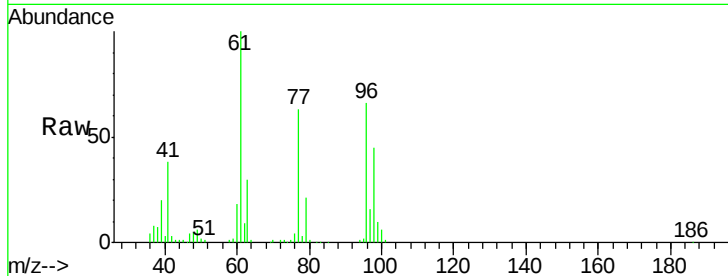
Tot Ion: 96 Resp: 60873

Ion Ratio Lower Upper

96 100

61 161.7 0.0 330.2

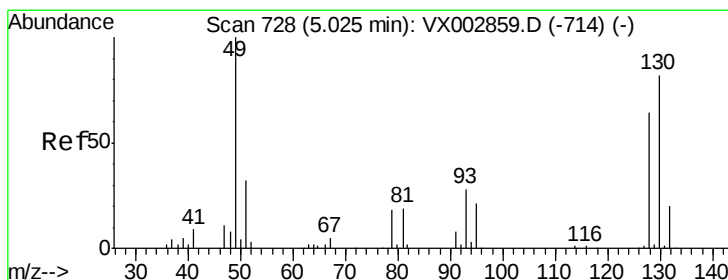
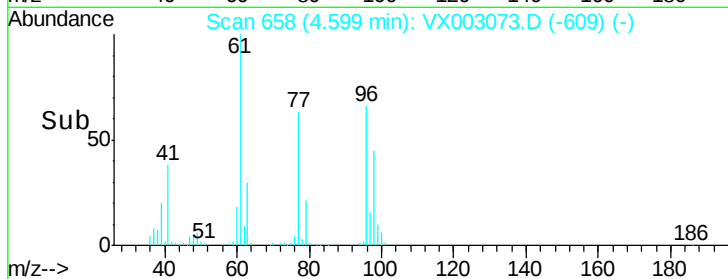
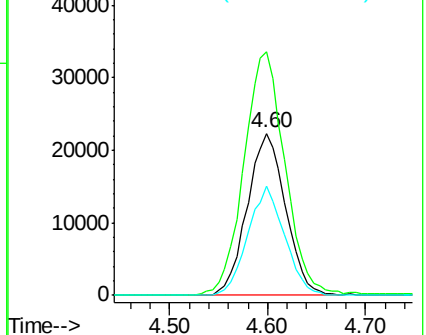
98 65.1 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 20.21 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

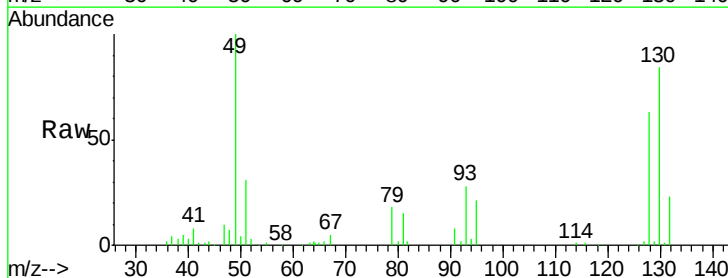
Tgt Ion: 49 Resp: 52259

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

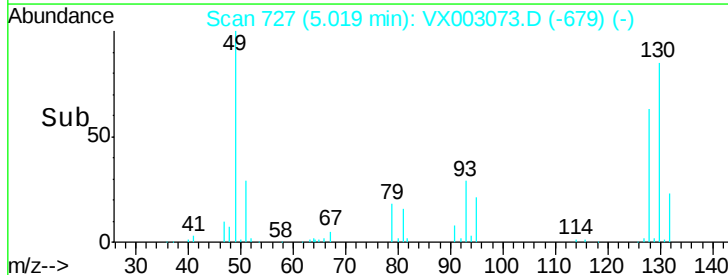
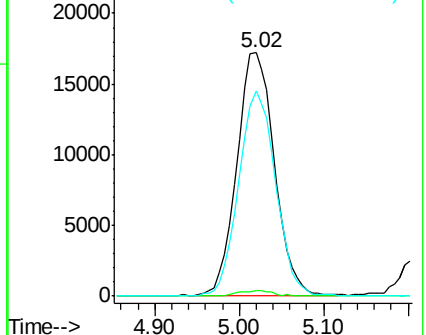
130 82.5 61.2 91.8

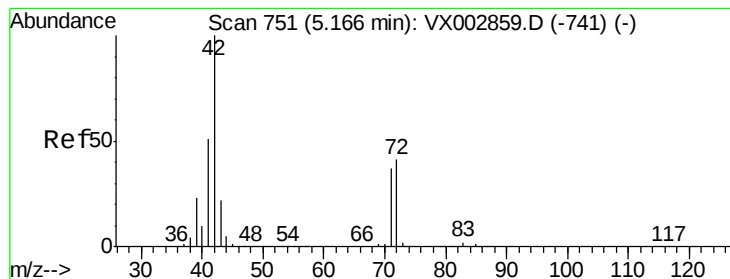


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 88.85 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

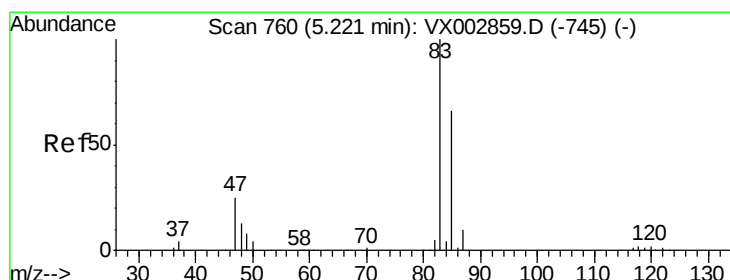
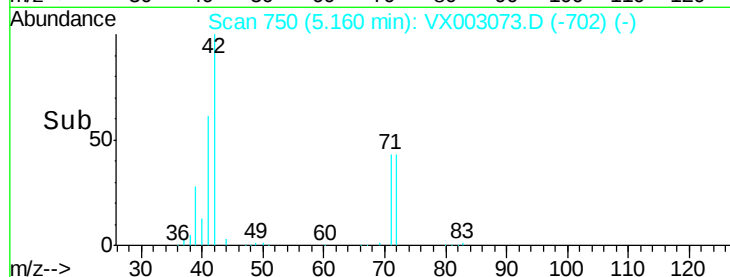
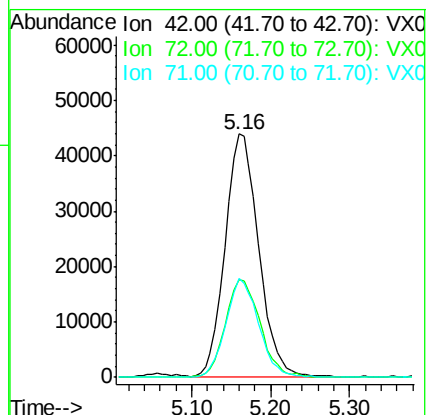
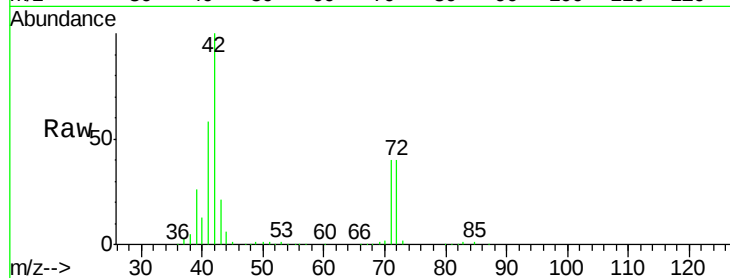
Tot Ion: 42 Resp: 129440

Ion Ratio Lower Upper

42 100

72 42.0 32.0 48.0

71 39.6 30.1 45.1



#30

Chloroform

Concen: 18.88 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX003073.D

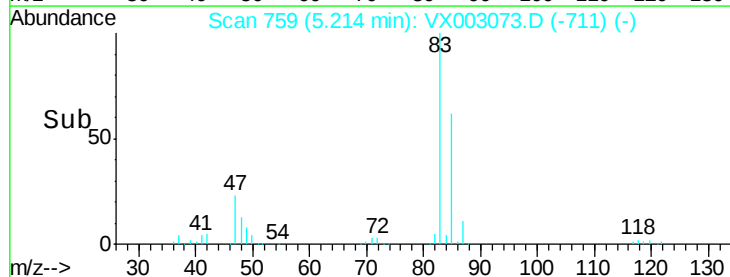
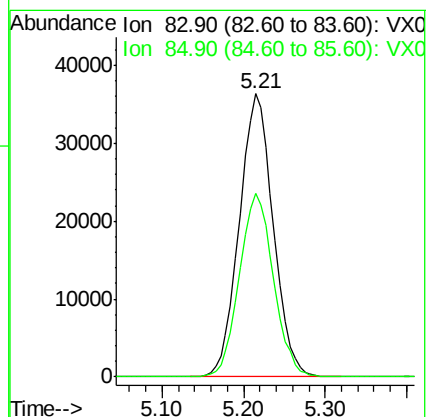
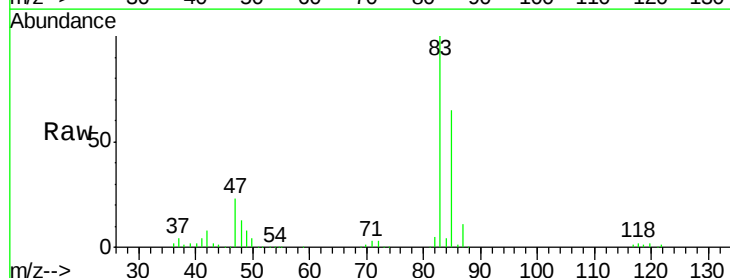
Acq: 30 Jun 2018 12:28

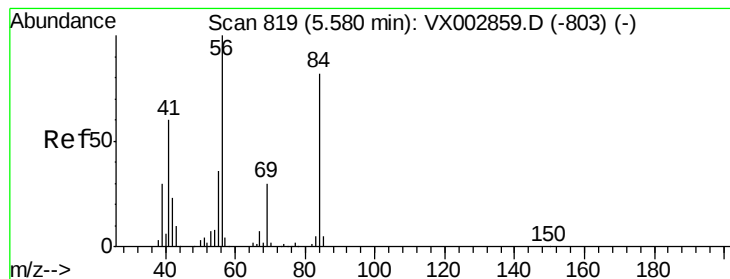
Tgt Ion: 83 Resp: 104673

Ion Ratio Lower Upper

83 100

85 64.9 50.4 75.6





#31

Cyclohexane

Concen: 18.36 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

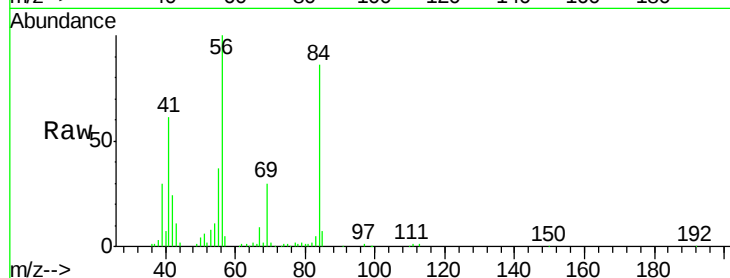
Tot Ion: 56 Resp: 85112

Ion Ratio Lower Upper

56 100

69 30.2 23.7 35.5

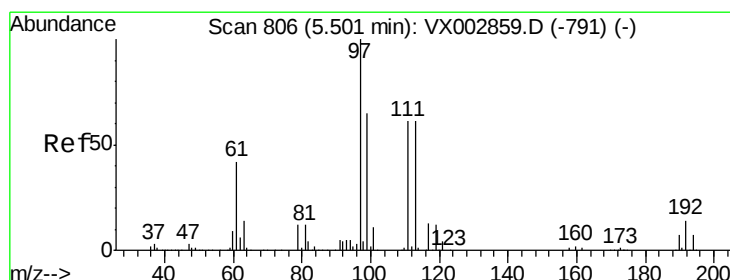
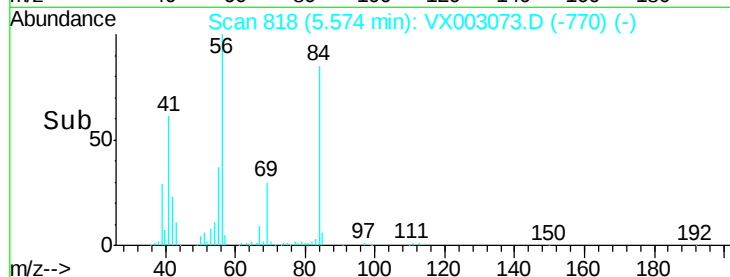
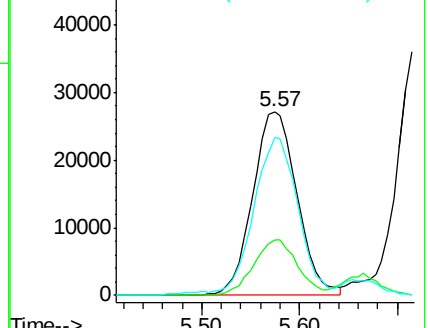
84 84.1 64.1 96.1



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: 18.71 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

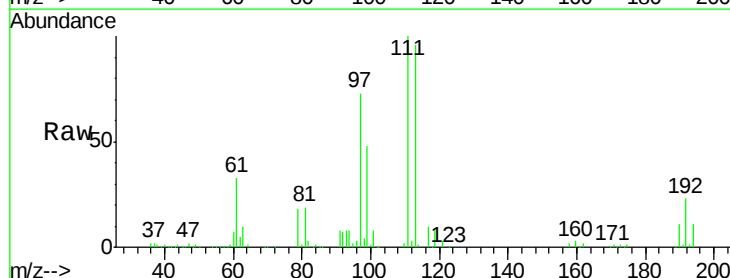
Tgt Ion: 97 Resp: 91250

Ion Ratio Lower Upper

97 100

99 65.4 51.6 77.4

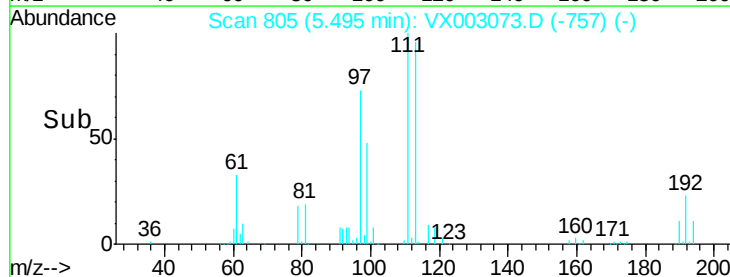
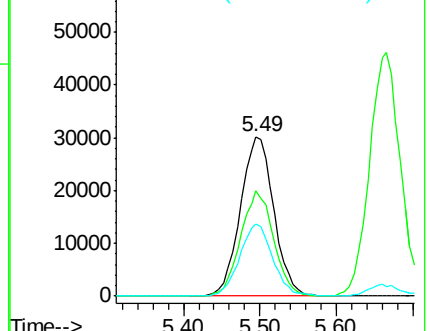
61 44.9 36.4 54.6

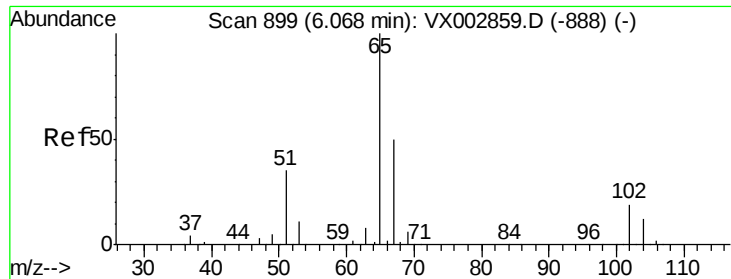


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 41.84 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

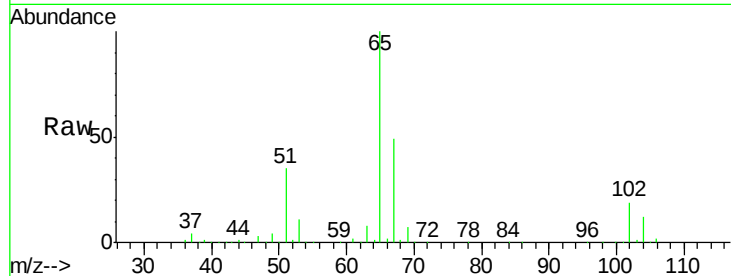
VX0630WBS01

Tot Ion: 65 Resp: 154674

Ion Ratio Lower Upper

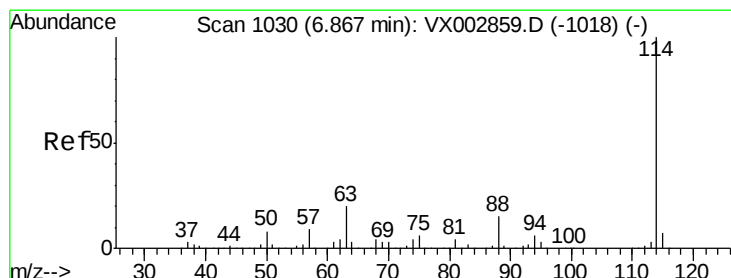
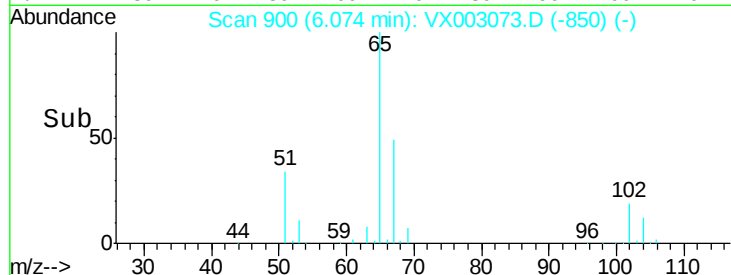
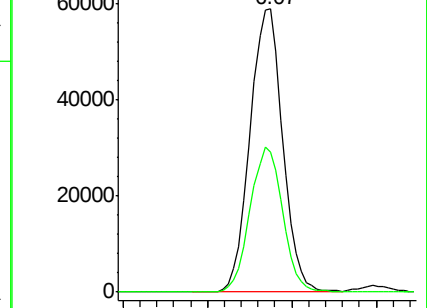
65 100

67 51.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

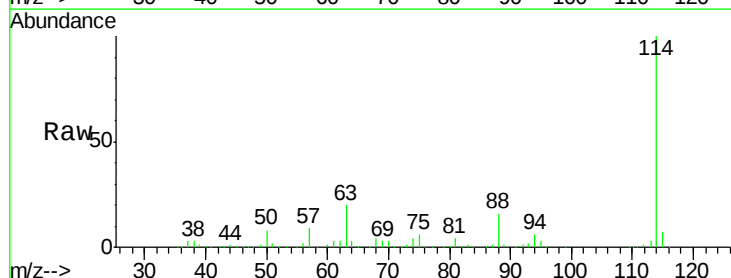
Tgt Ion: 114 Resp: 352486

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

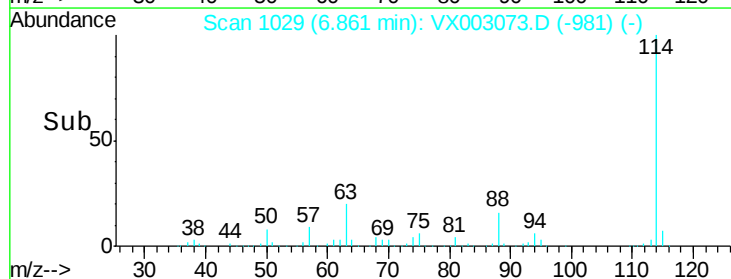
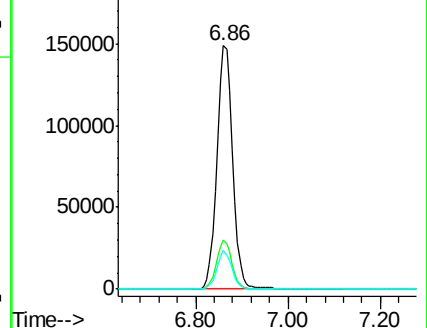
88 15.7 0.0 30.0

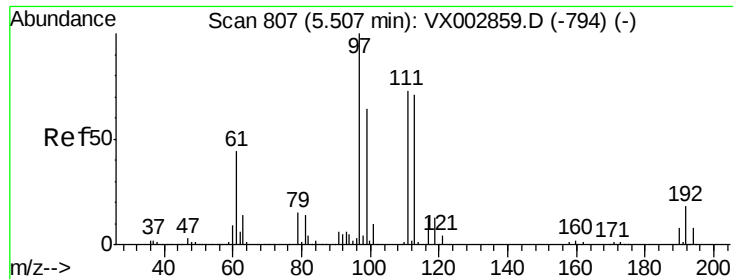


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

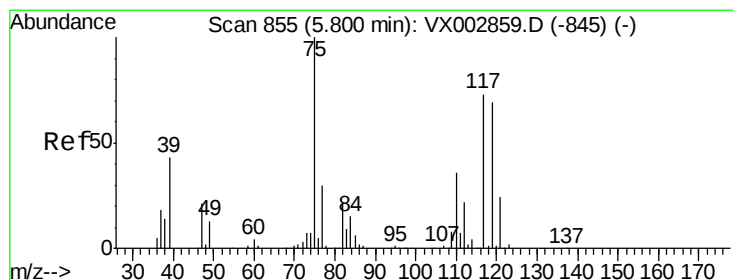
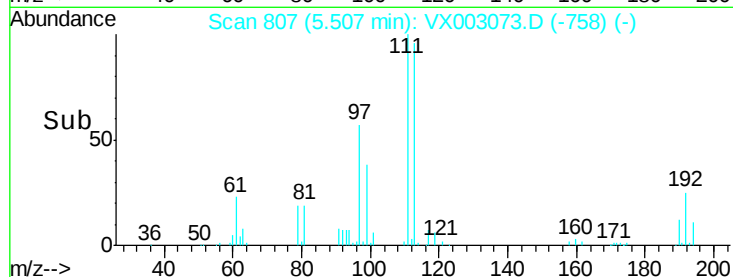
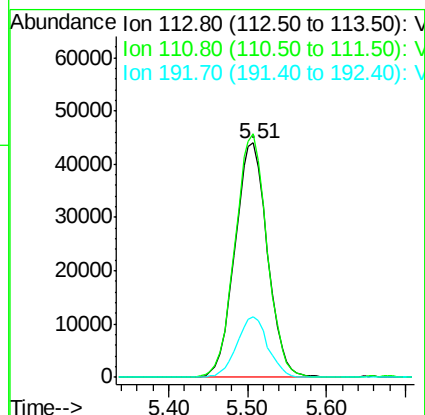
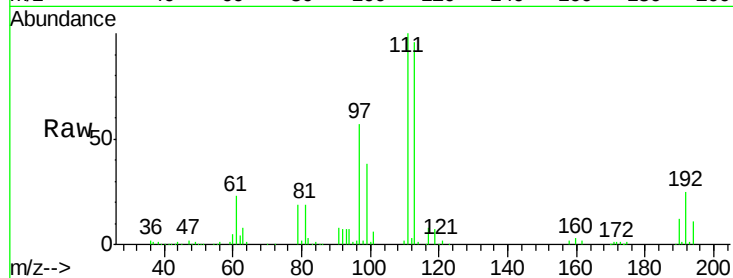




#35
 Dibromofluoromethane
 Concen: 45.21 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

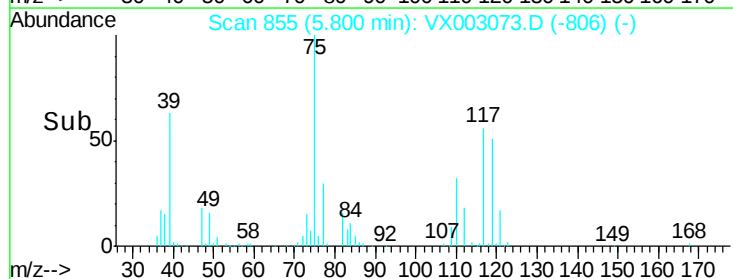
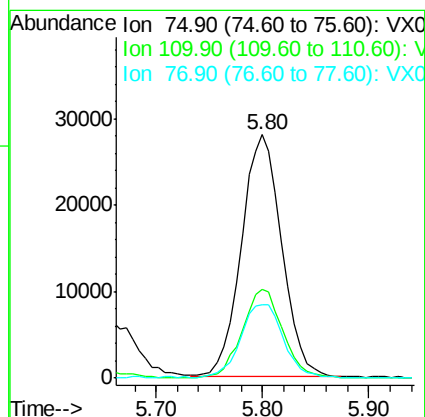
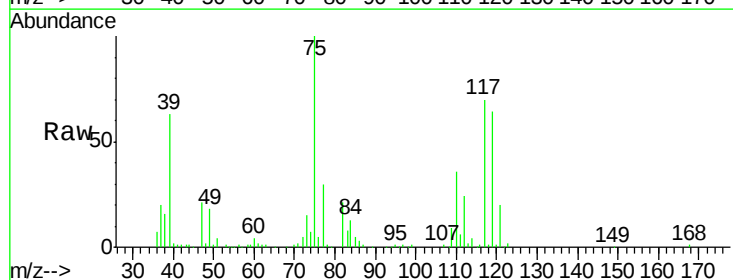
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

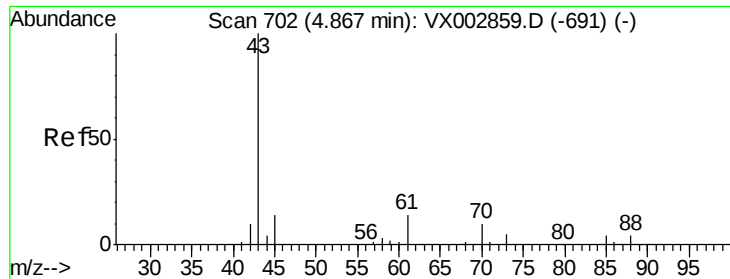
Tot Ion:113 Resp: 126186
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.4 122.0
 192 24.8 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 19.23 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Tgt Ion: 75 Resp: 74329
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.1 54.4
 77 32.6 24.3 36.5





#37

Ethyl Acetate

Concen: 19.31 ug/l

RT: 4.85 min Scan# 700

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS01

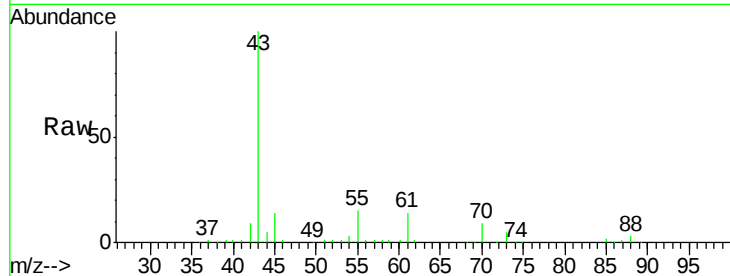
Tot Ion: 43 Resp: 80376

Ion Ratio Lower Upper

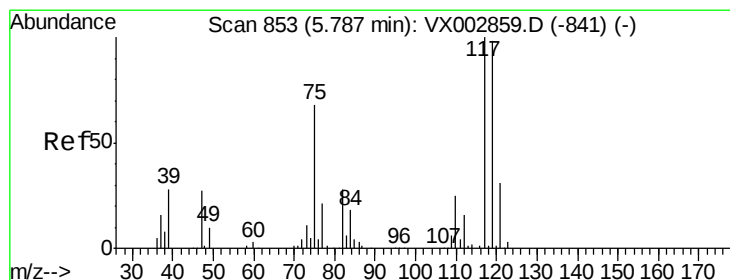
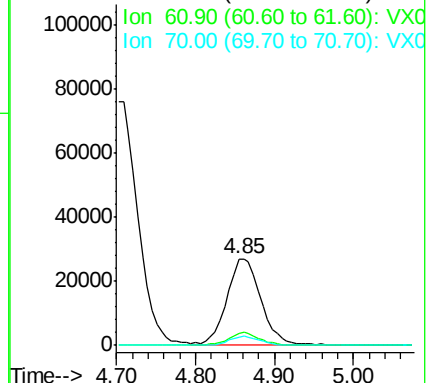
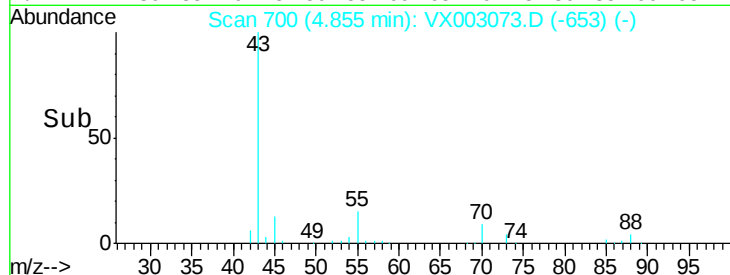
43 100

61 14.0 10.4 15.6

70 10.0 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX003073.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 18.91 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

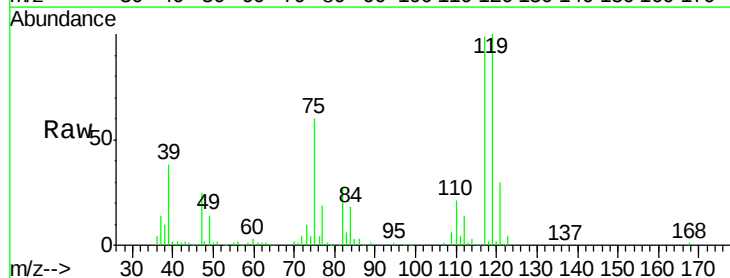
Tgt Ion: 117 Resp: 80195

Ion Ratio Lower Upper

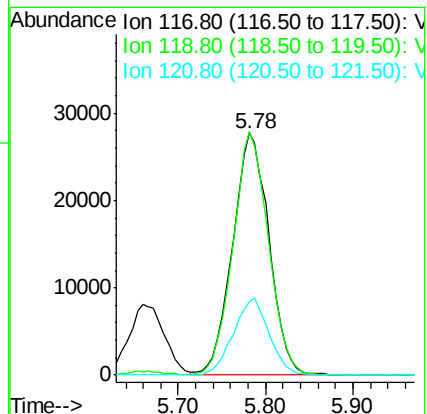
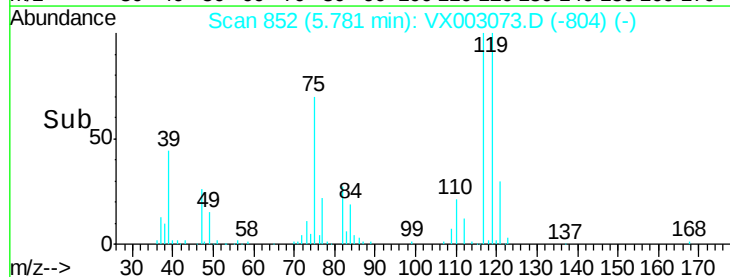
117 100

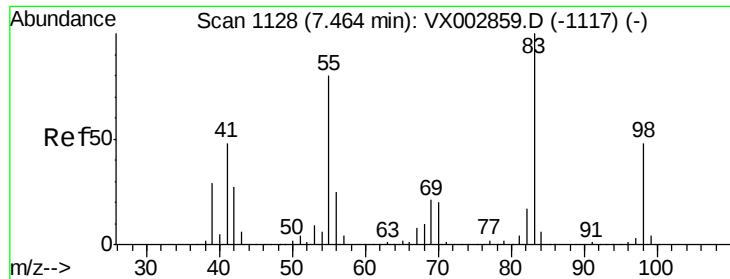
119 100.7 77.4 116.0

121 30.3 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): VX003073.D (-804) (-)

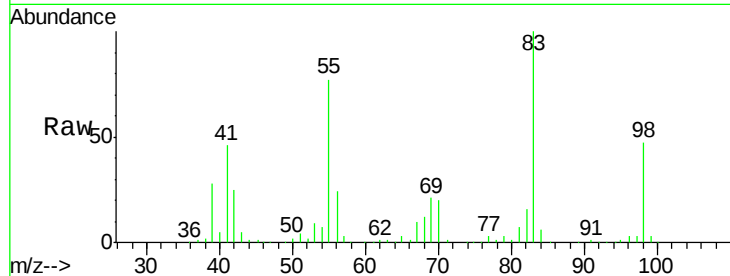




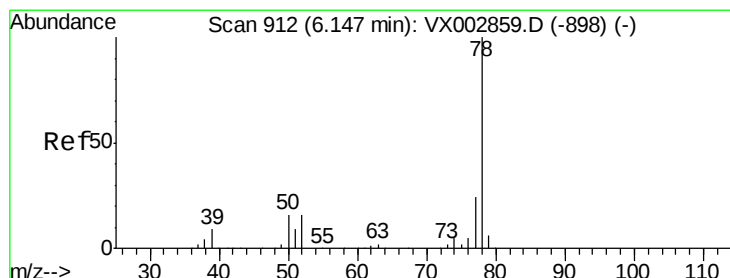
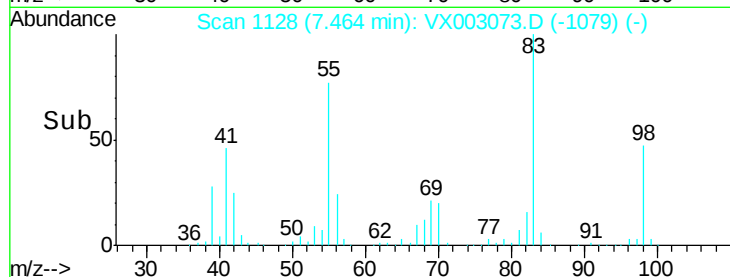
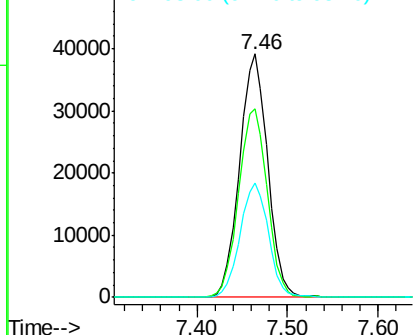
#39
Methvlcvclohexane
Concen: 18.68 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

Tot Ion: 83 Resp: 84109
Ion Ratio Lower Upper
83 100
55 77.5 65.4 98.0
98 47.1 37.4 56.0

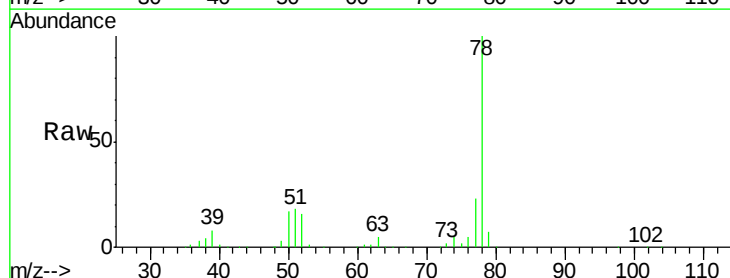


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

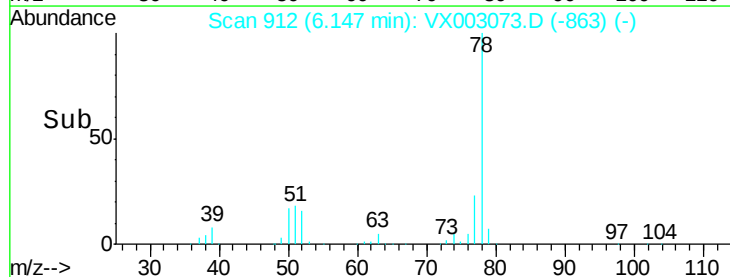
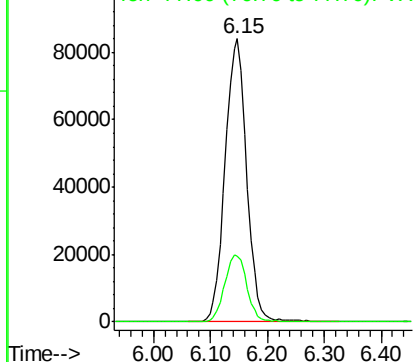


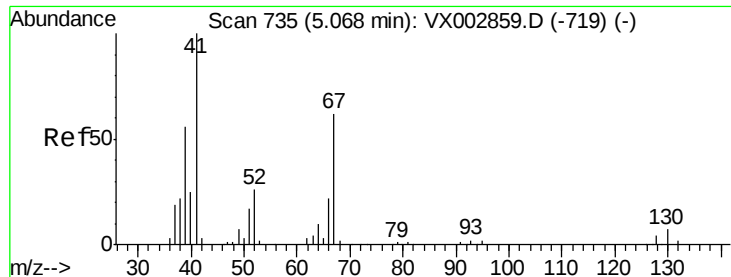
#40
Benzene
Concen: 19.77 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion: 78 Resp: 222077
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

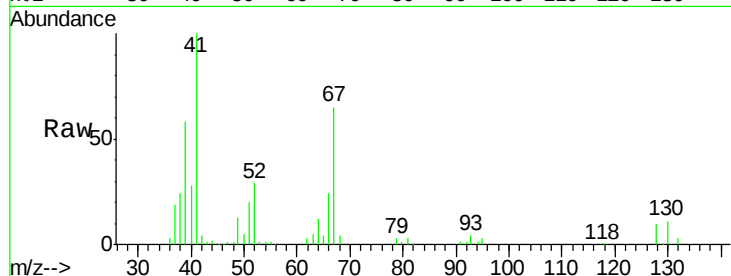




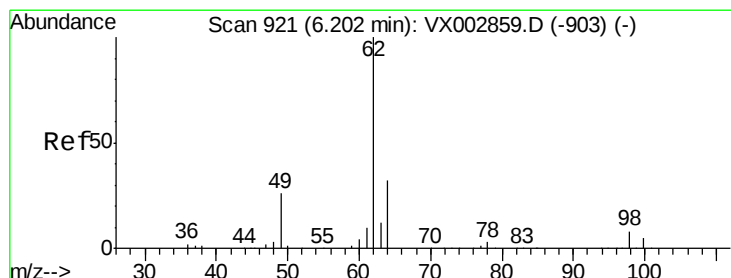
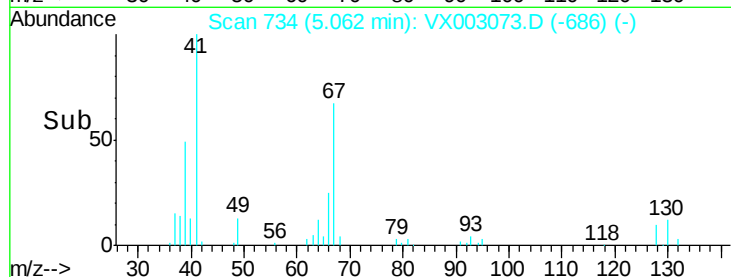
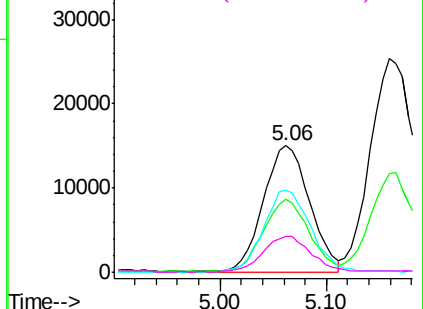
#41
Methacrylonitrile
Concen: 19.09 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion:	41	Resp:	45756
Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.8	68.6
67	66.2	51.3	76.9
52	30.1	23.0	34.6

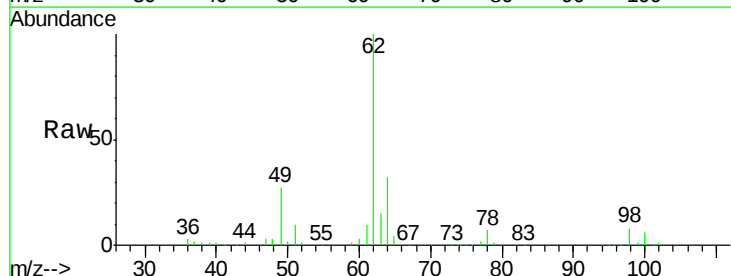


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

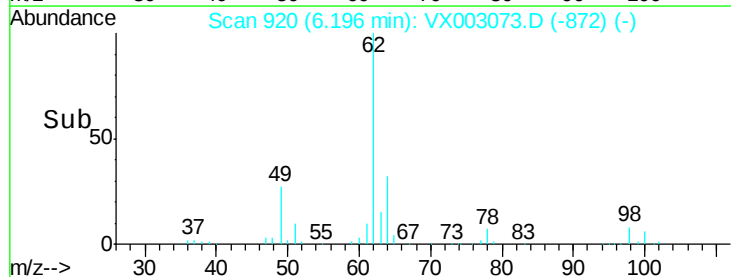
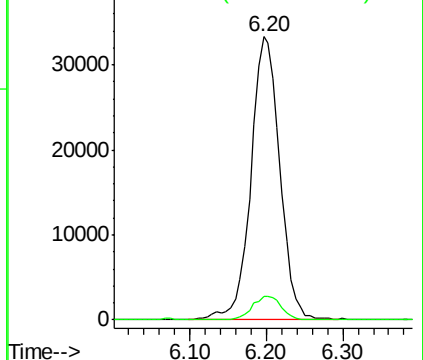


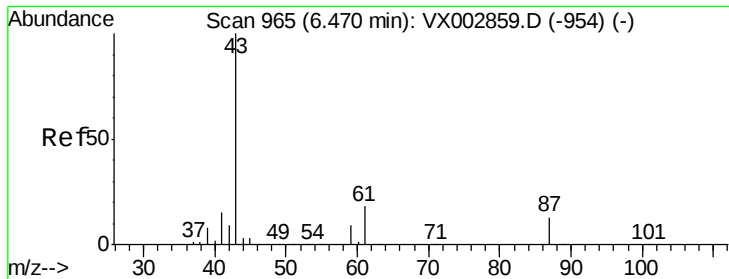
#42
1,2-Dichloroethane
Concen: 19.21 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion:	62	Resp:	87165
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6



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



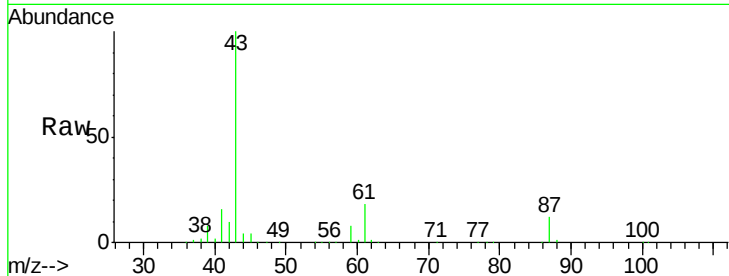


#43

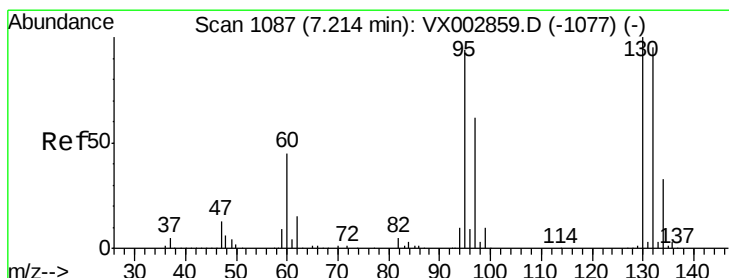
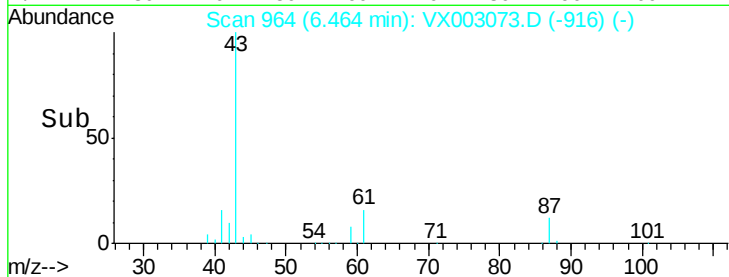
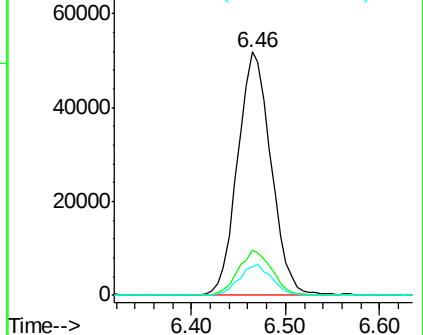
Isopropyl Acetate
 Concen: 18.19 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Tot Ion: 43 Resp: 126963
 Ion Ratio Lower Upper
 43 100
 61 19.0 14.4 21.6
 87 12.6 9.5 14.3



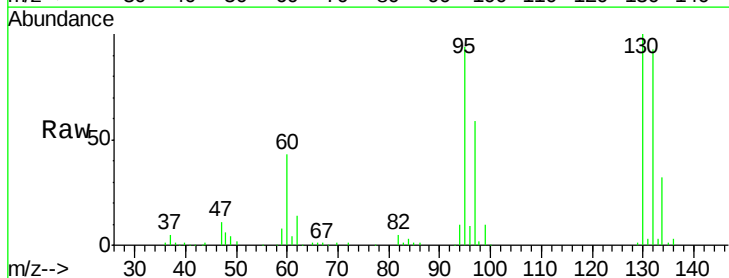
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



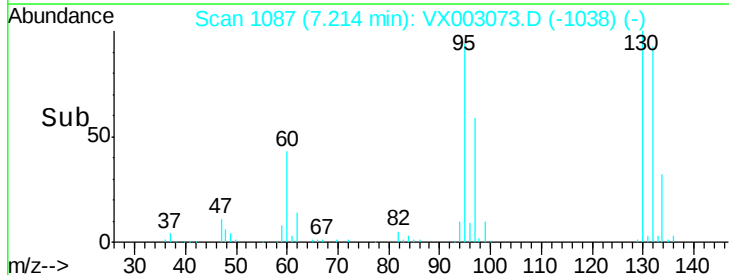
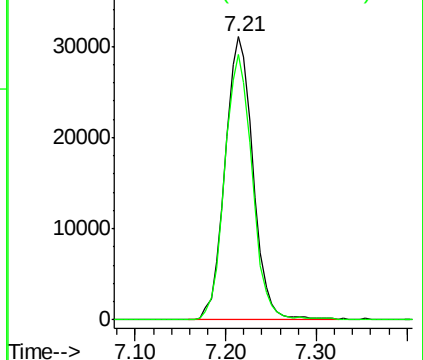
#44

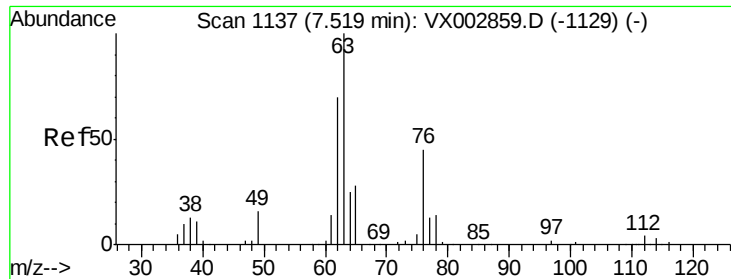
Trichloroethene
 Concen: 19.90 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Tgt Ion:130 Resp: 66649
 Ion Ratio Lower Upper
 130 100
 95 93.8 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

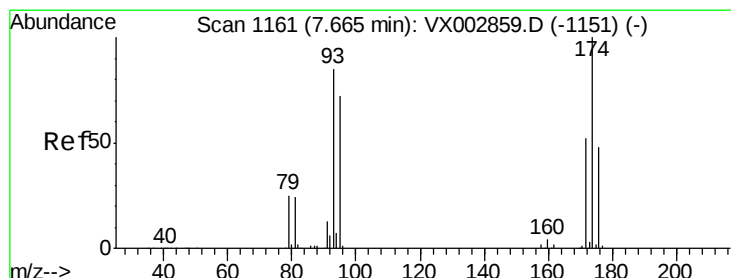
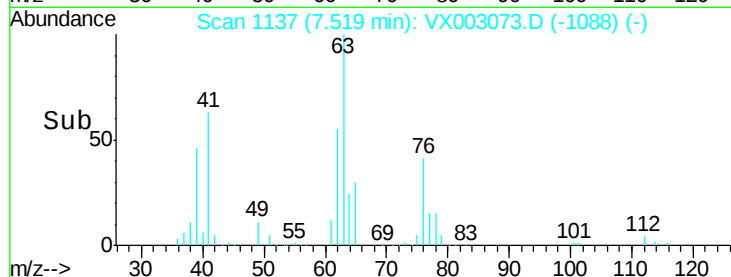
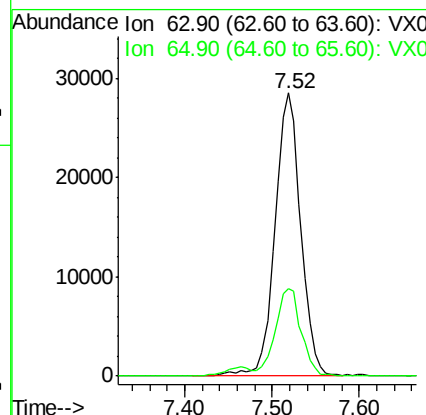
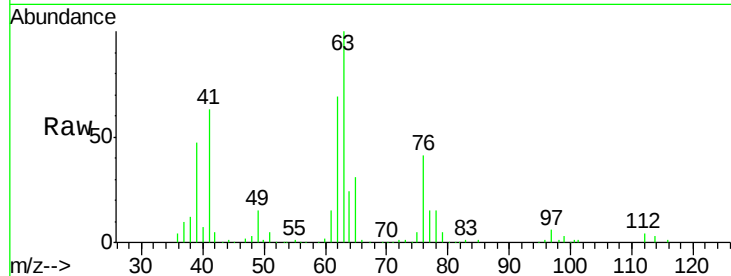




#45
1,2-Dichloropropane
Concen: 19.75 ug/l
RT: 7.52 min Scan# 1137
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

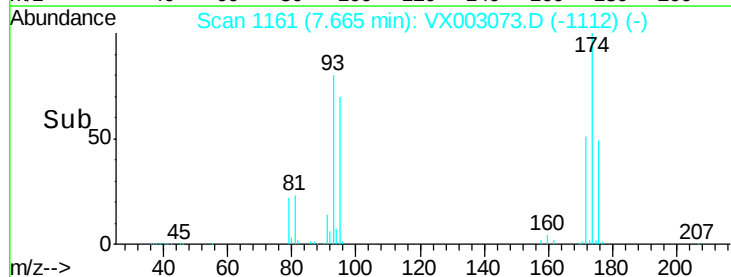
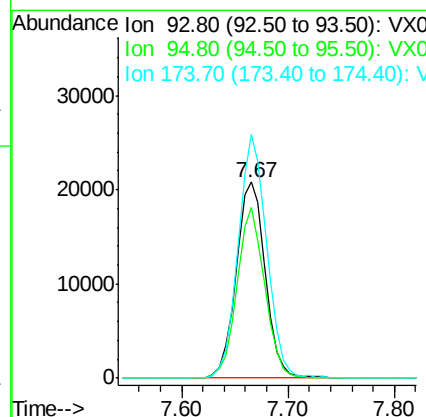
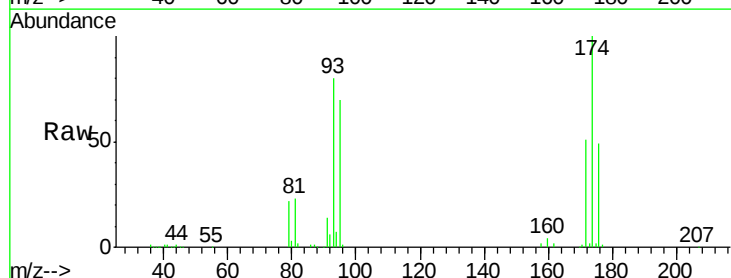
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

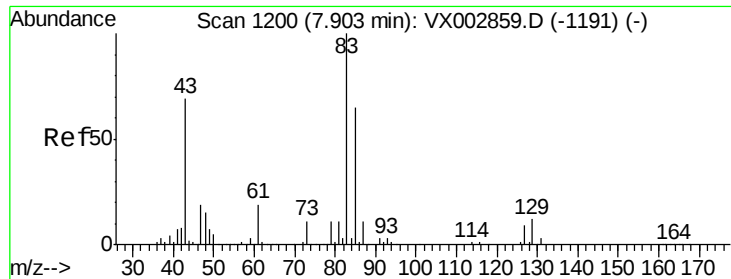
Tot Ion: 63 Resp: 58849
Ion Ratio Lower Upper
63 100
65 31.0 24.7 37.1



#46
Dibromomethane
Concen: 19.30 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion: 93 Resp: 39911
Ion Ratio Lower Upper
93 100
95 82.9 65.9 98.9
174 122.1 92.4 138.6





#47

Bromodichloromethane

Concen: 19.46 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

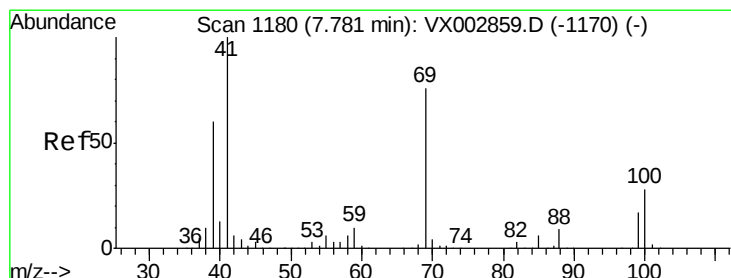
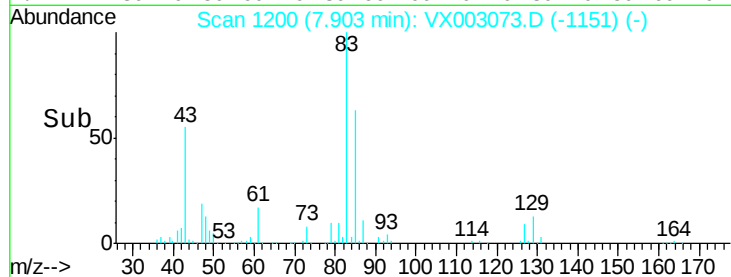
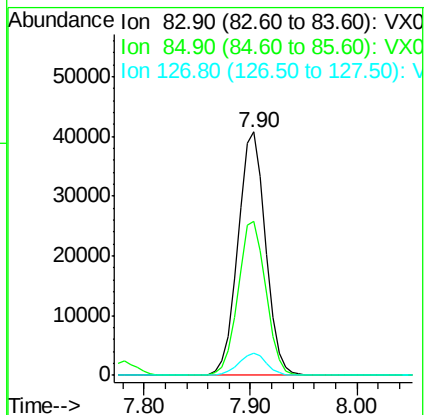
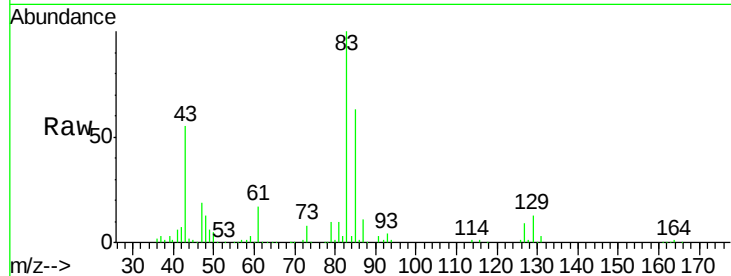
Tot Ion: 83 Resp: 74388

Ion Ratio Lower Upper

83 100

85 63.5 50.3 75.5

127 9.3 7.0 10.4



#48

Methyl methacrylate

Concen: 18.47 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

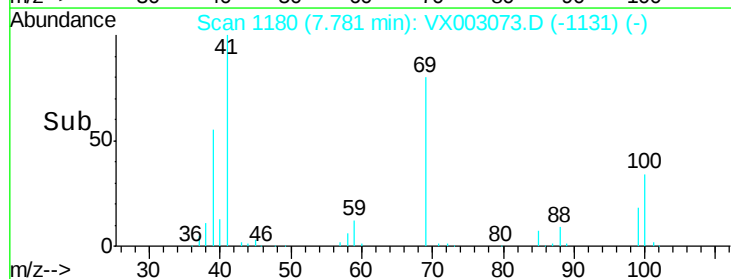
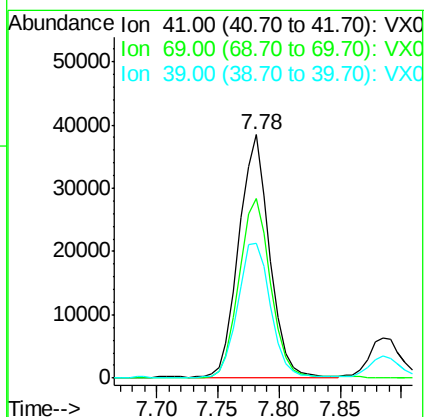
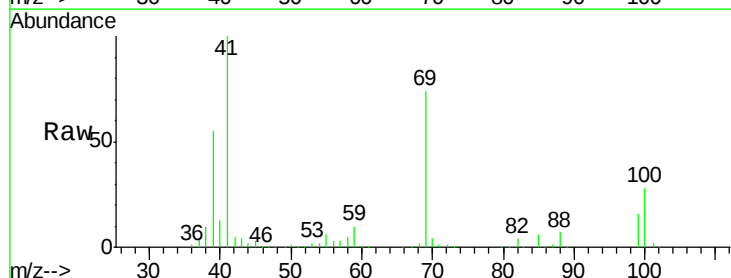
Tgt Ion: 41 Resp: 66411

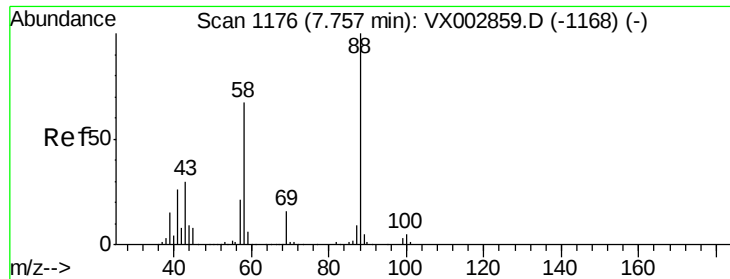
Ion Ratio Lower Upper

41 100

69 77.0 59.1 88.7

39 59.1 48.9 73.3

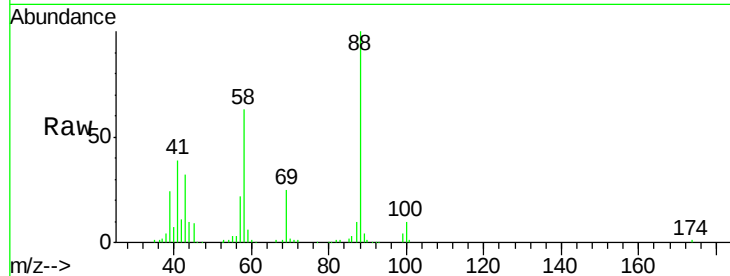




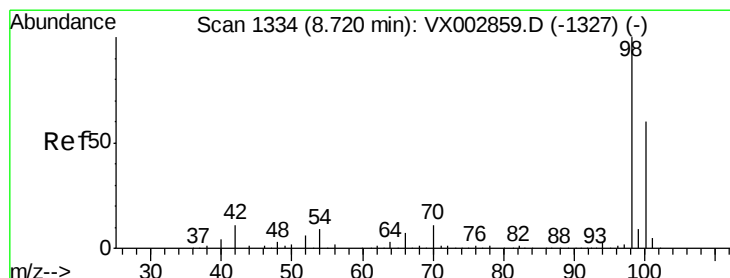
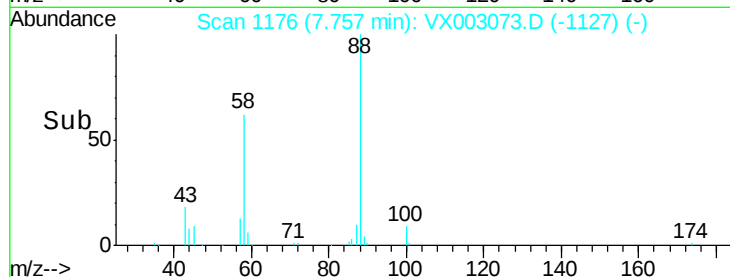
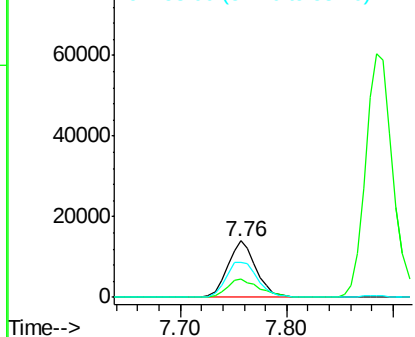
#49
1,4-Dioxane
Concen: 370.17 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Tot Ion: 88 Resp: 25902
Ion Ratio Lower Upper
88 100
43 38.3 29.8 44.6
58 72.4 57.1 85.7

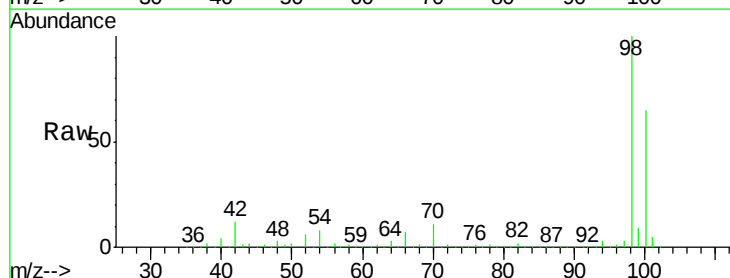


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

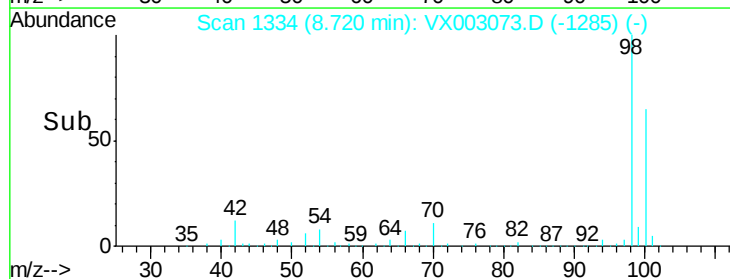
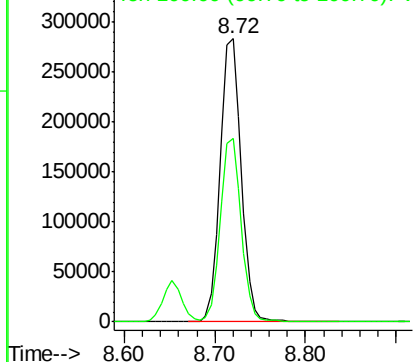


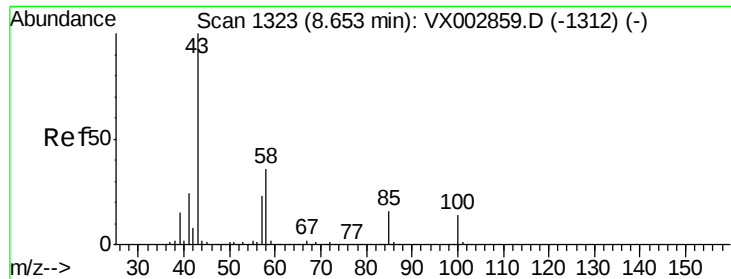
#50
Toluene-d8
Concen: 45.02 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion: 98 Resp: 458929
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 95.28 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

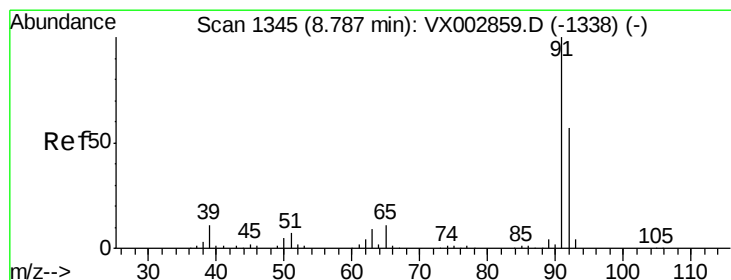
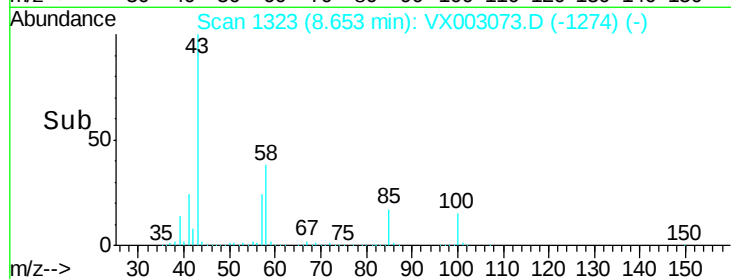
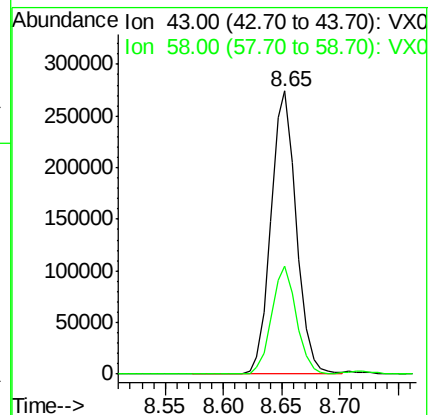
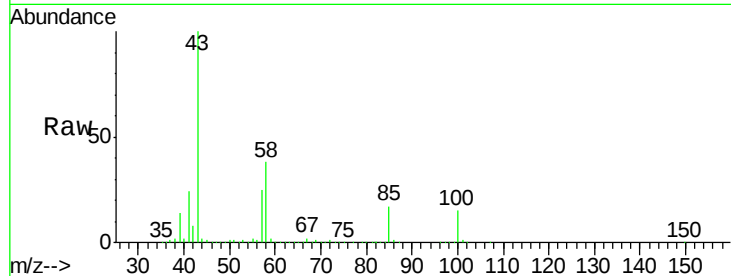
VX0630WBS01

Tot Ion: 43 Resp: 416099

Ion Ratio Lower Upper

43 100

58 37.4 28.6 42.8



#52

Toluene

Concen: 20.16 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003073.D

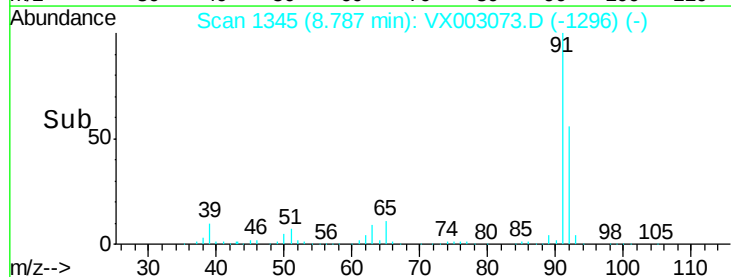
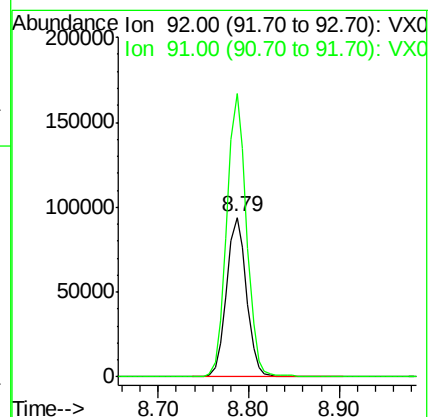
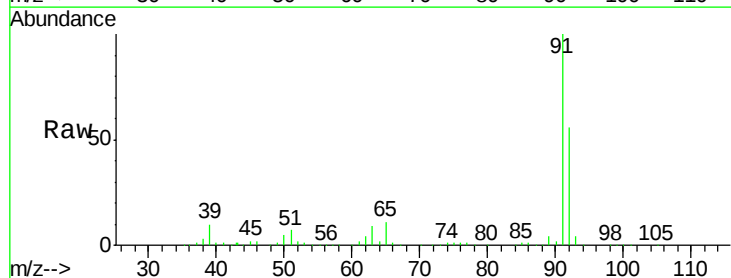
Acq: 30 Jun 2018 12:28

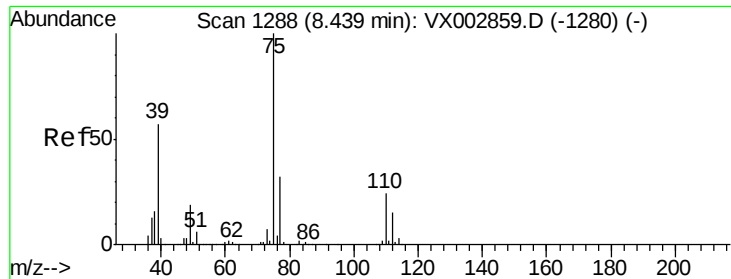
Tgt Ion: 92 Resp: 145028

Ion Ratio Lower Upper

92 100

91 175.4 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.74 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

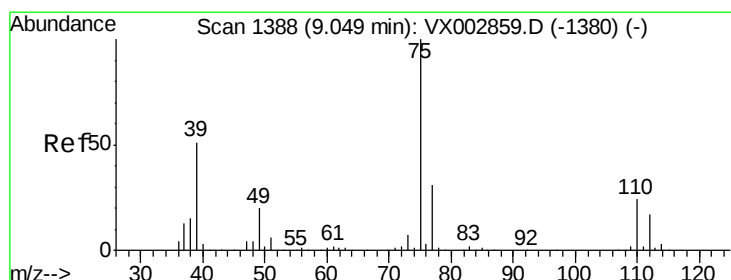
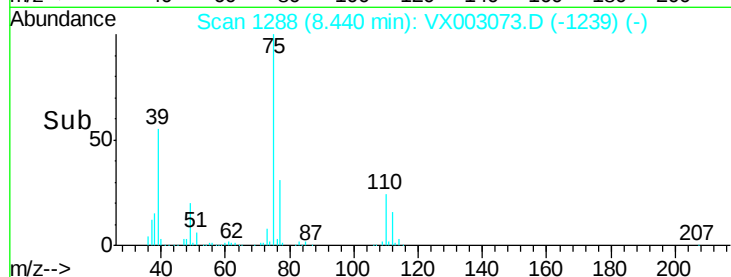
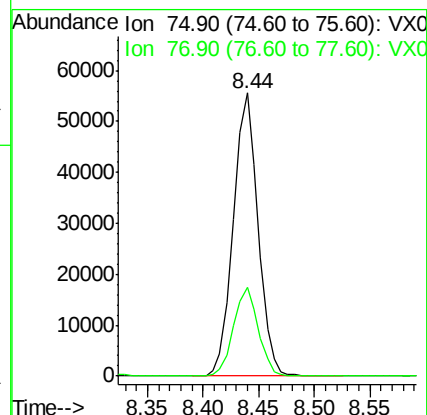
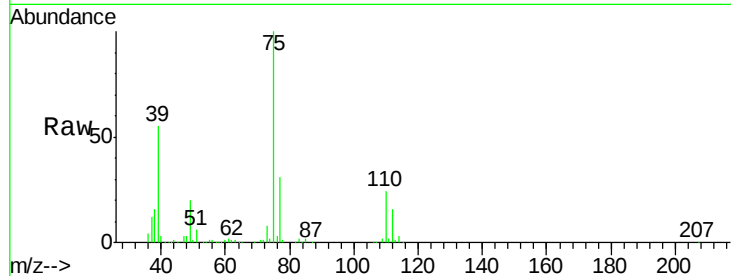
VX0630WBS01

Tot Ion: 75 Resp: 85470

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.66 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

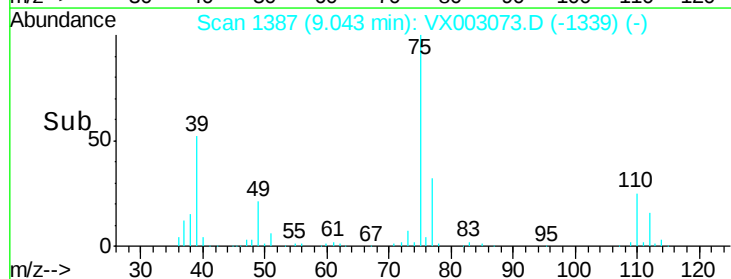
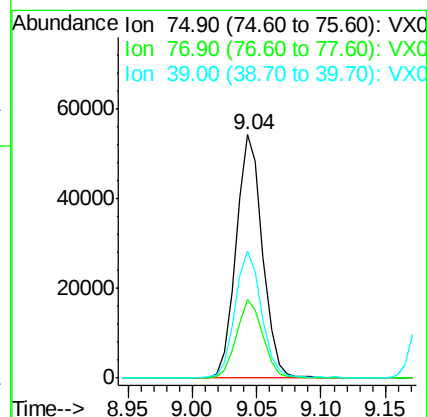
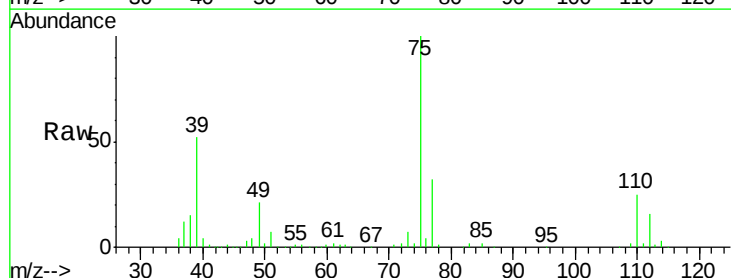
Tgt Ion: 75 Resp: 77703

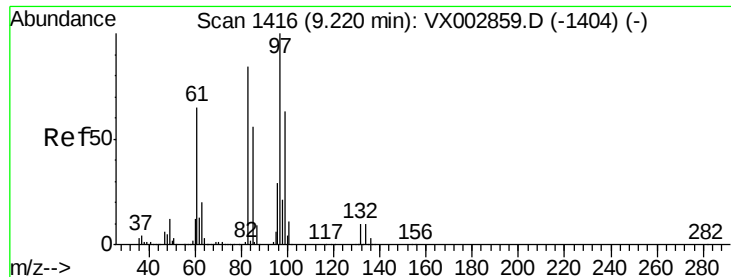
Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2

39 52.0 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 20.26 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

Tot Ion: 97 Resp: 59895

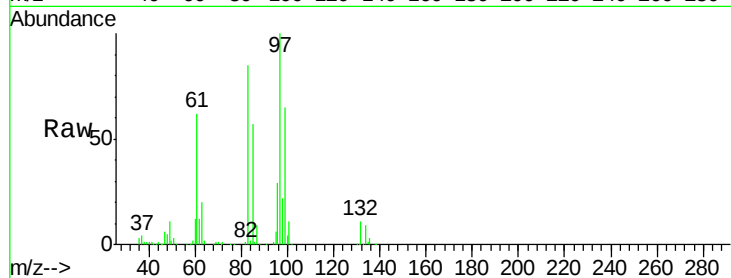
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.2	105.2
85	57.1	44.9	67.3
99	65.2	49.8	74.8

97 100

83 84.6 70.2 105.2

85 57.1 44.9 67.3

99 65.2 49.8 74.8



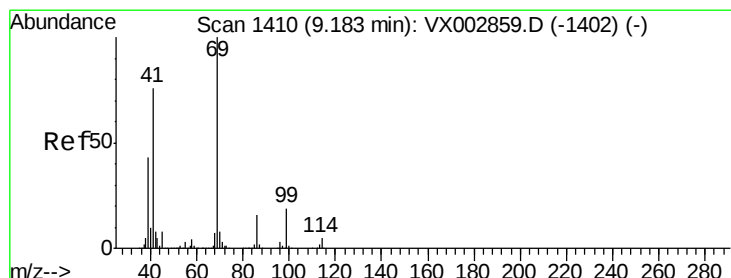
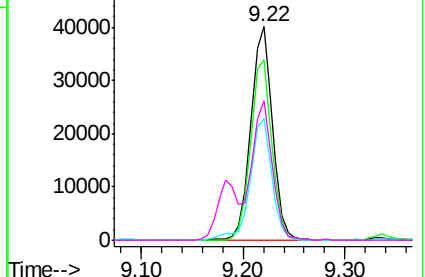
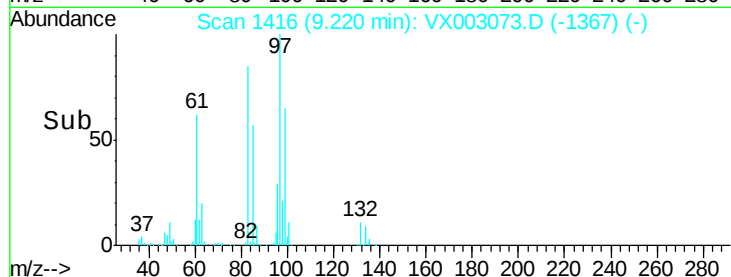
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->



#56

Ethyl methacrylate

Concen: 19.89 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

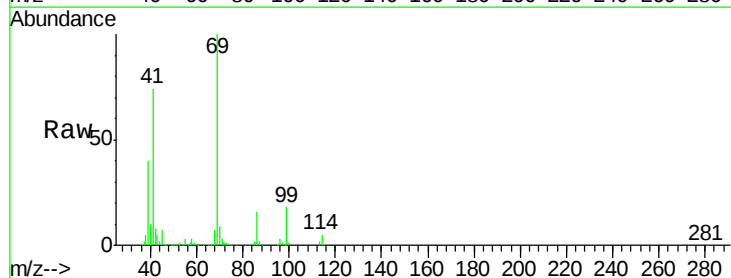
Tgt Ion: 69 Resp: 85944

Ion	Ratio	Lower	Upper
69	100		
41	70.9	60.3	90.5
39	39.5	35.8	53.8

69 100

41 70.9 60.3 90.5

39 39.5 35.8 53.8

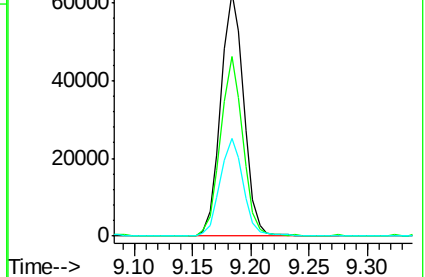
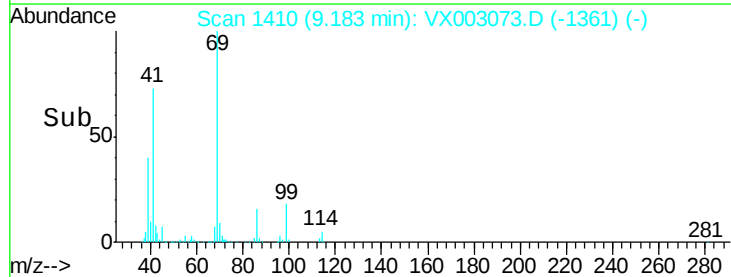


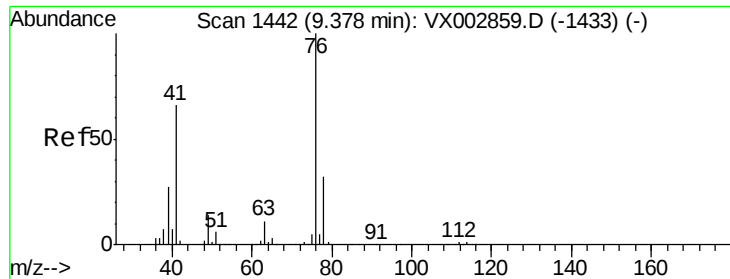
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->





#57

1,3-Dichloropropane

Concen: 19.77 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

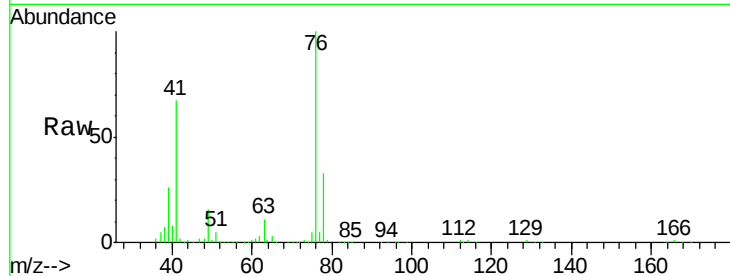
VX0630WBS01

Tot Ion: 76 Resp: 96015

Ion Ratio Lower Upper

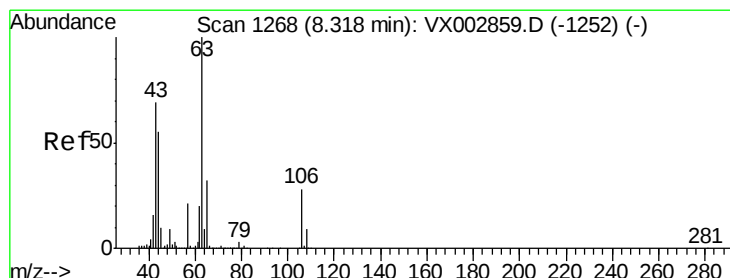
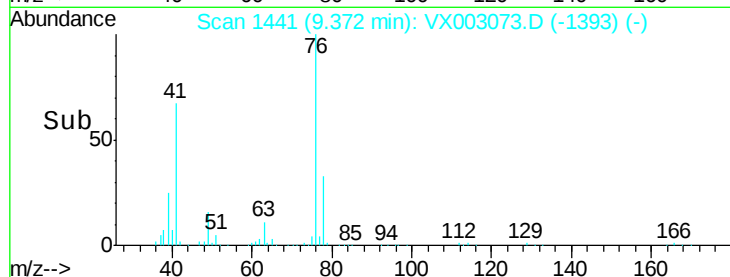
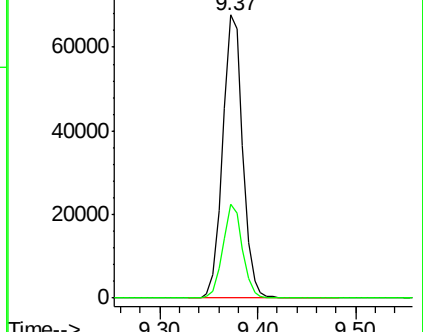
76 100

78 32.7 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: 156.28 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003073.D

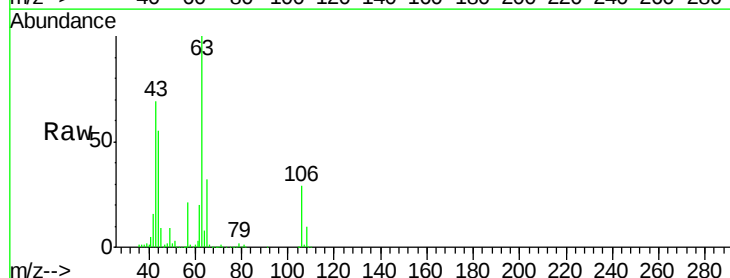
Acq: 30 Jun 2018 12:28

Tgt Ion: 63 Resp: 325774

Ion Ratio Lower Upper

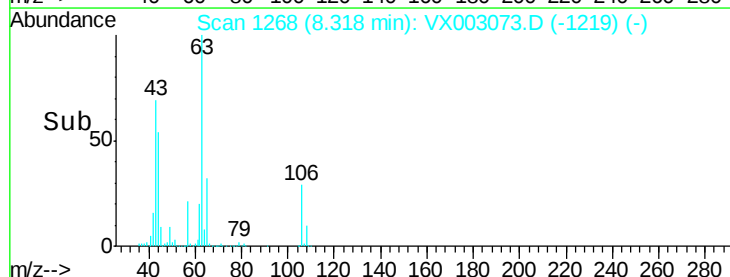
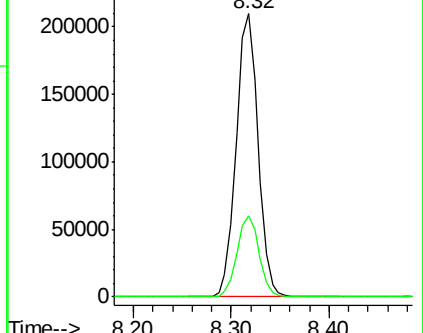
63 100

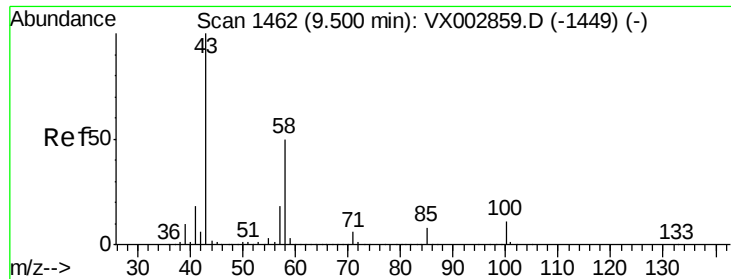
106 28.9 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

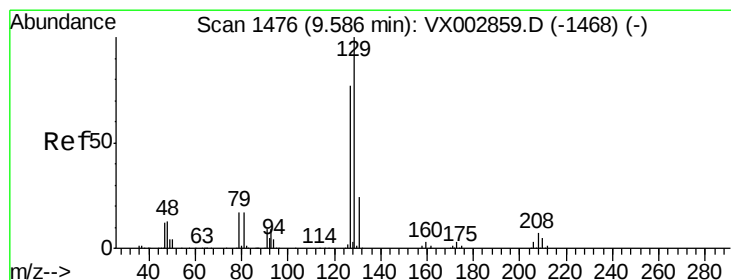
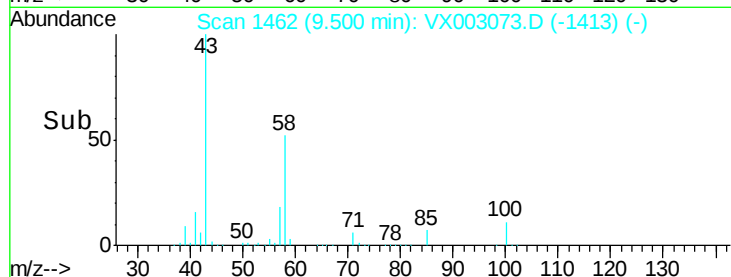
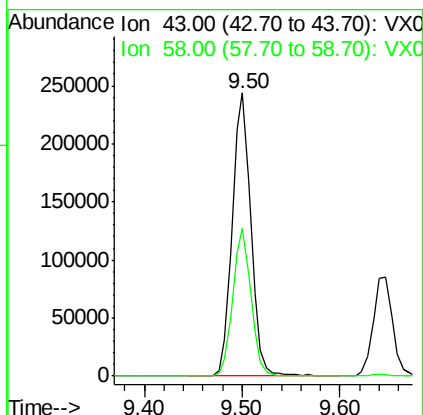
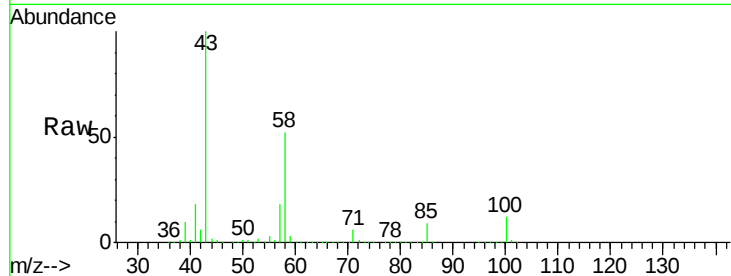




#59
2-Hexanone
Concen: 97.27 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

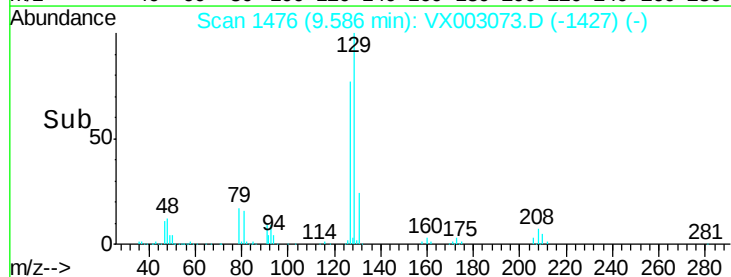
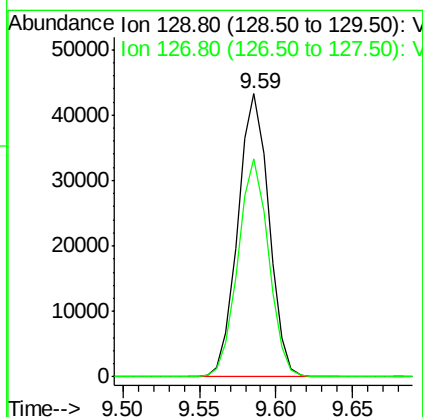
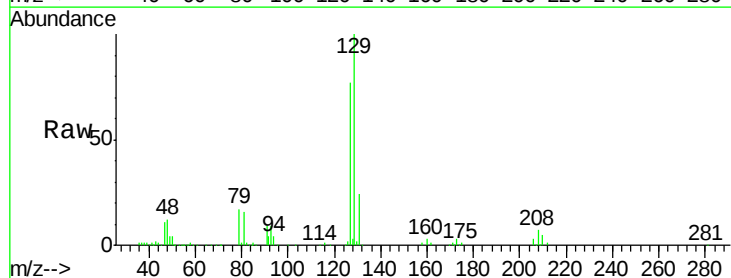
Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

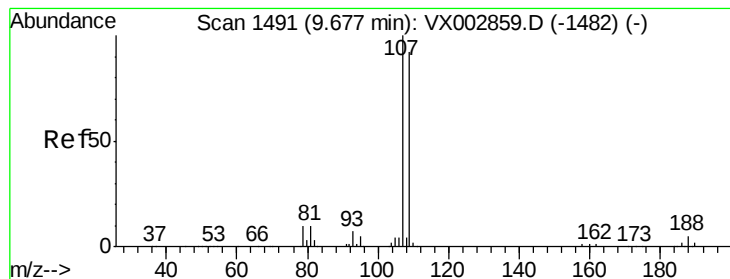
Tot Ion: 43 Resp: 322830
Ion Ratio Lower Upper
43 100
58 50.9 24.6 73.6



#60
Dibromochloromethane
Concen: 19.59 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion: 129 Resp: 60978
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.04 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

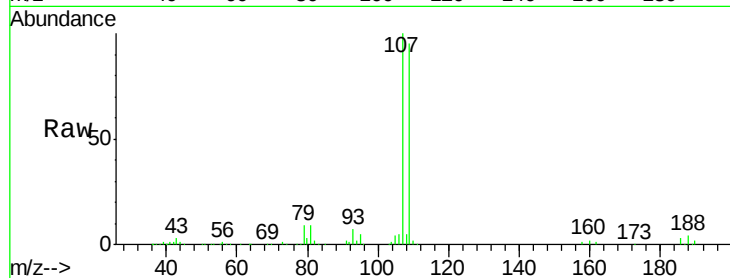
VX0630WBS01

Tot Ion:107 Resp: 62140

Ion Ratio Lower Upper

107 100

109 93.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

30000

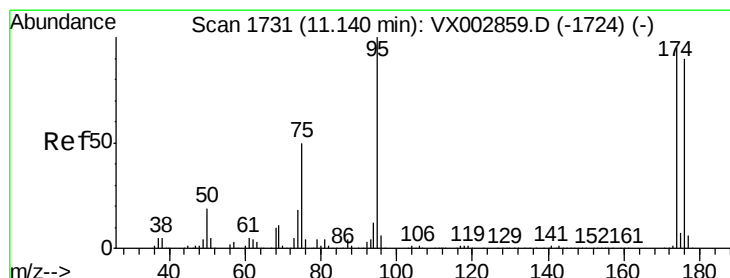
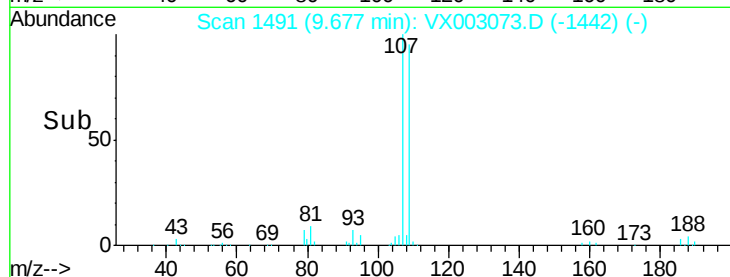
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 44.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

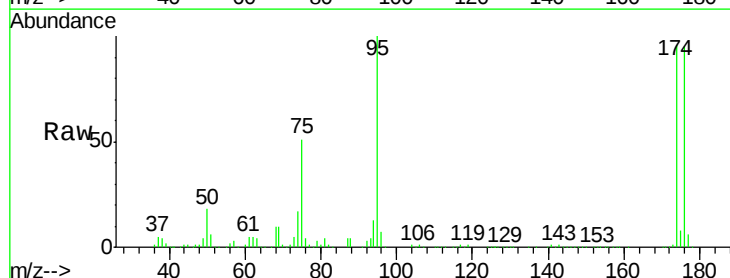
Tgt Ion: 95 Resp: 176650

Ion Ratio Lower Upper

95 100

174 96.3 0.0 187.4

176 93.9 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

150000

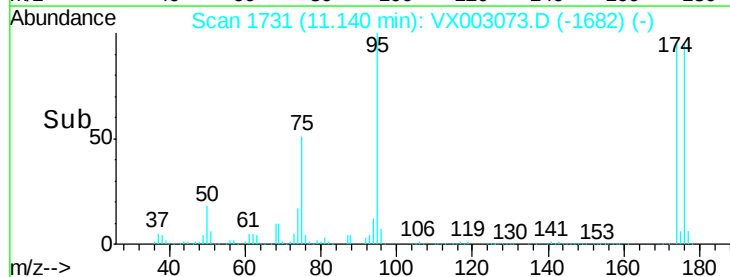
100000

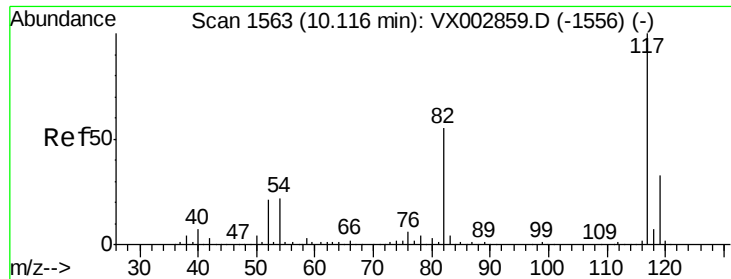
50000

0

Time-->

11.10 11.20

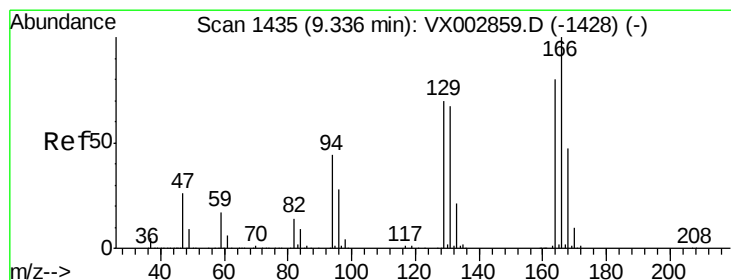
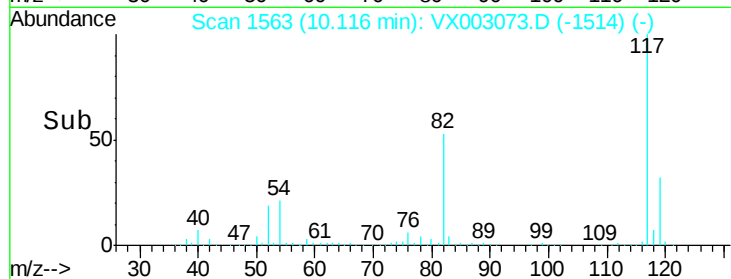
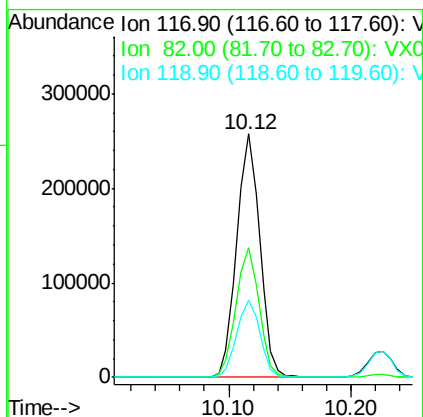
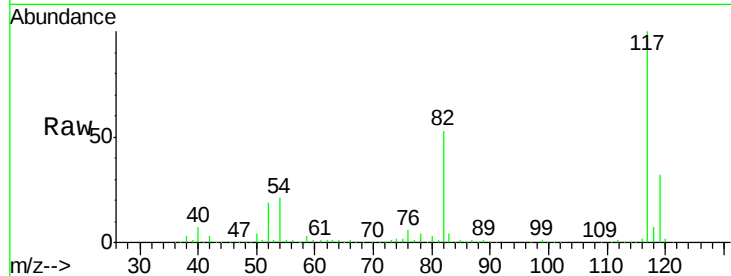




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

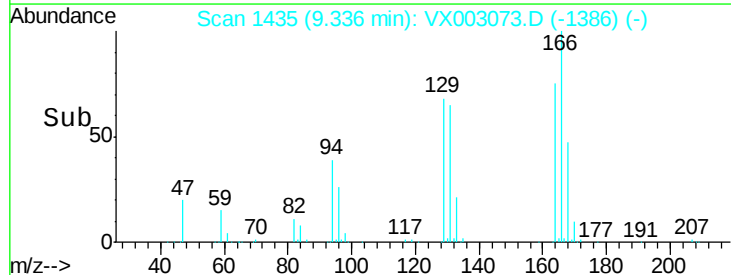
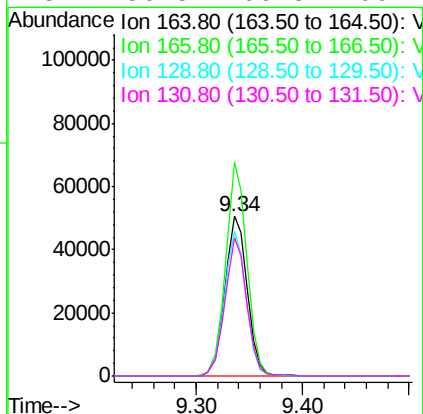
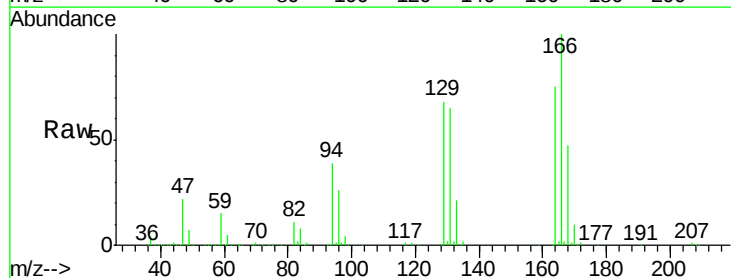
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

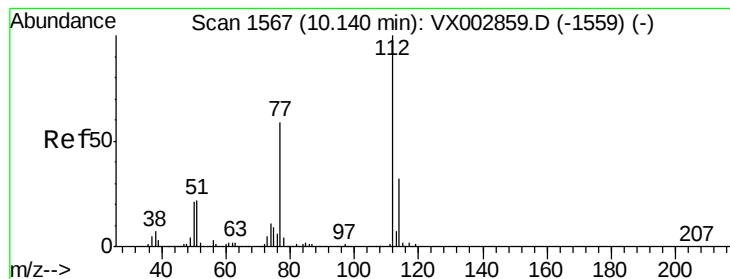
Tot Ion:117 Resp: 336076
Ion Ratio Lower Upper
117 100
82 53.0 45.0 67.4
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 19.75 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion:164 Resp: 73816
Ion Ratio Lower Upper
164 100
166 133.8 102.9 154.3
129 90.4 68.6 102.8
131 86.5 66.8 100.2





#65

Chlorobenzene

Concen: 19.67 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

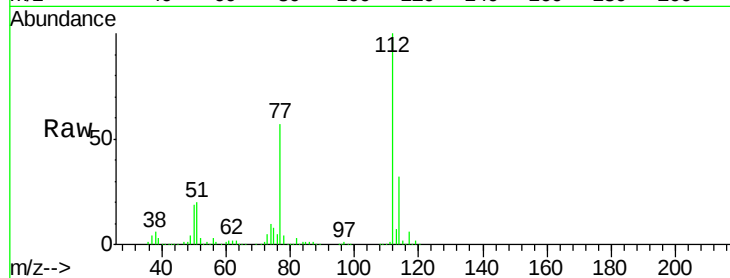
VX0630WBS01

Tot Ion:112 Resp: 167907

Ion Ratio Lower Upper

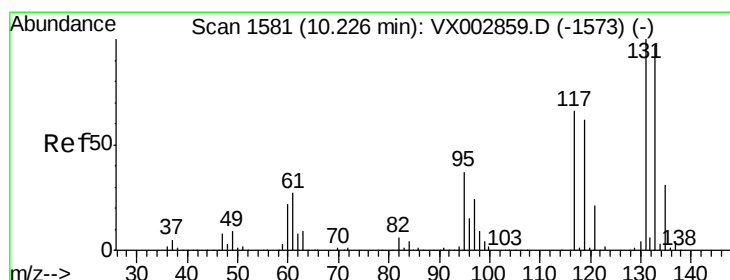
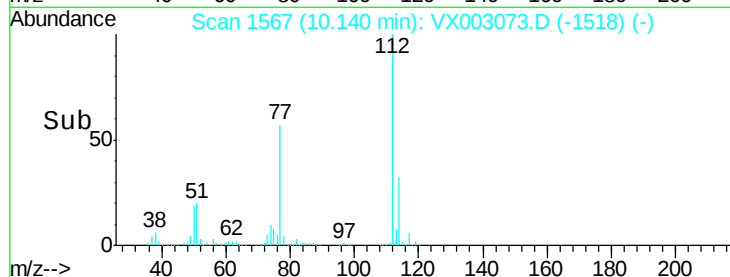
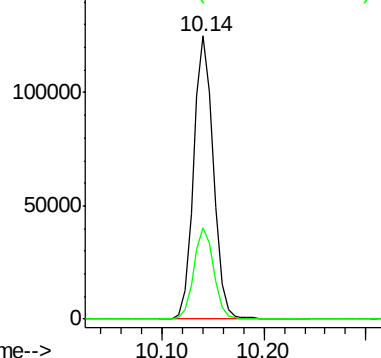
112 100

114 32.5 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.65 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

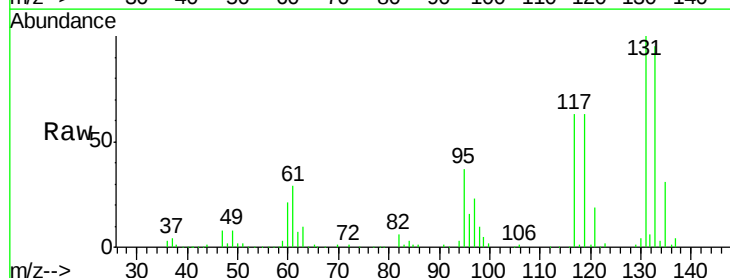
Tgt Ion:131 Resp: 60944

Ion Ratio Lower Upper

131 100

133 95.5 47.9 143.6

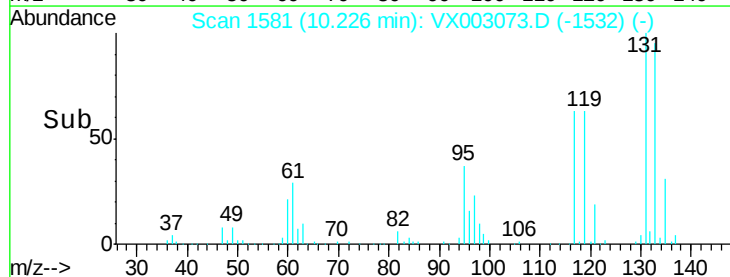
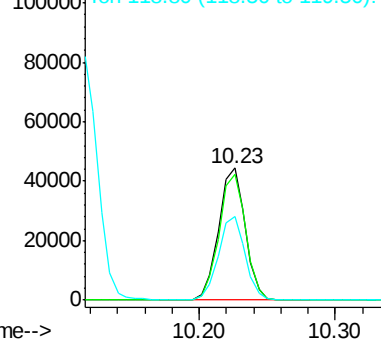
119 63.2 31.8 95.3

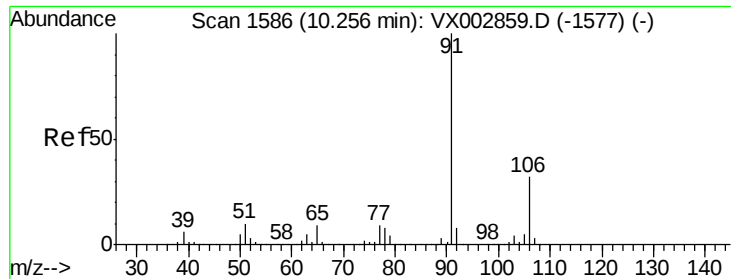


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.97 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

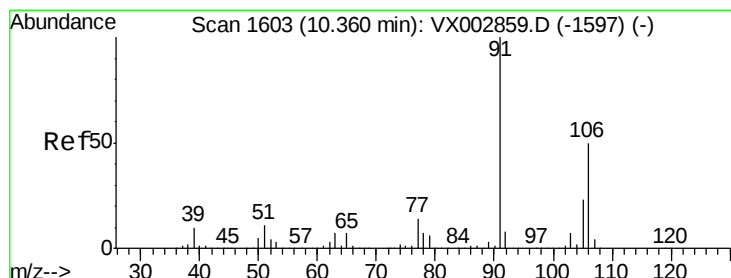
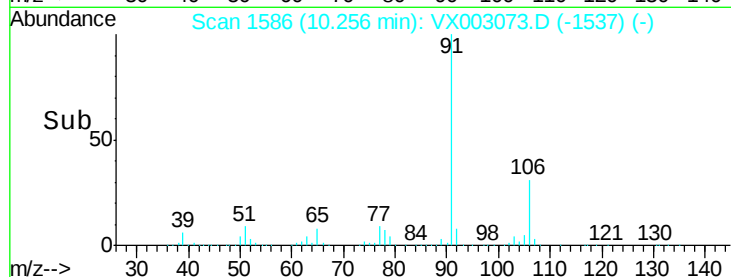
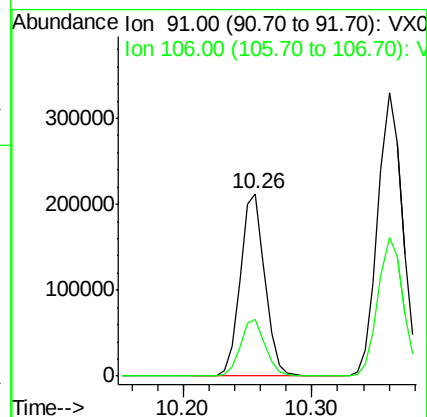
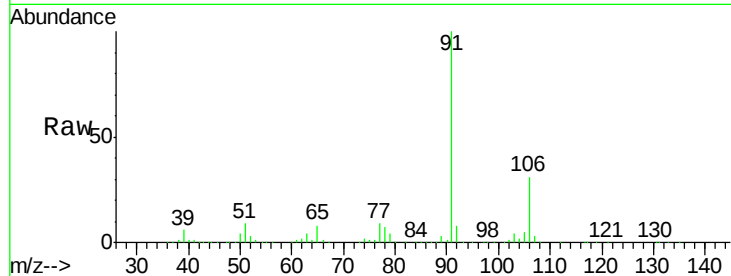
VX0630WBS01

Tot Ion: 91 Resp: 281535

Ion Ratio Lower Upper

91 100

106 31.1 25.5 38.3



#68

m/p-Xylenes

Concen: 39.97 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003073.D

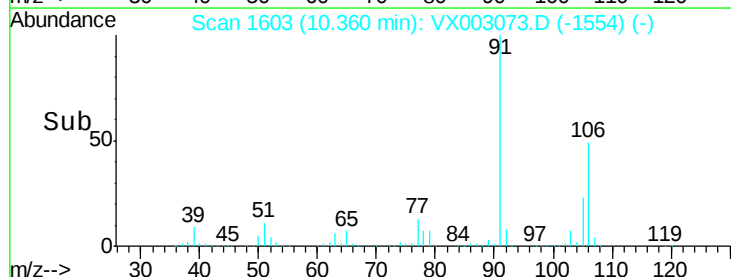
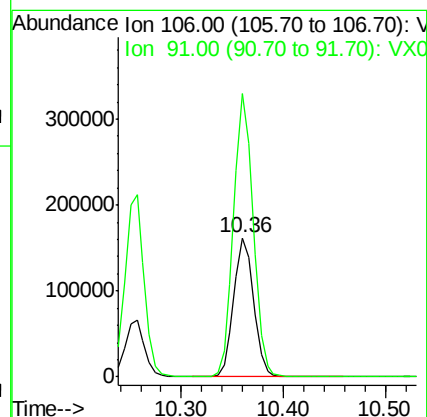
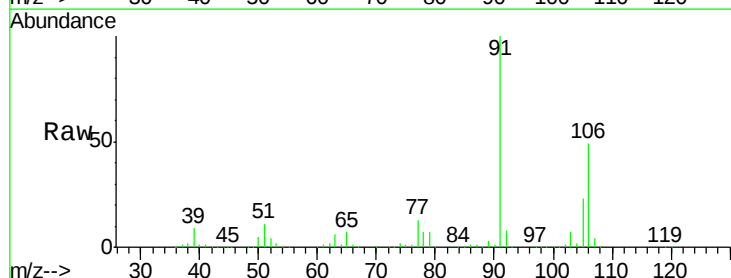
Acq: 30 Jun 2018 12:28

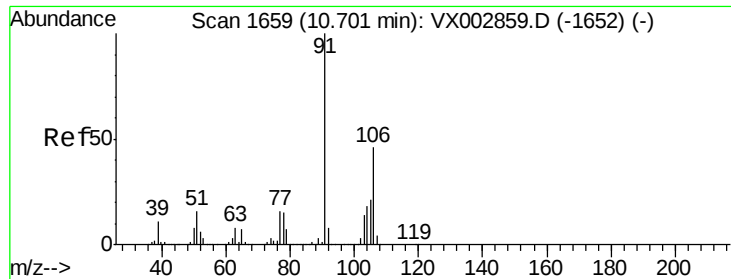
Tgt Ion: 106 Resp: 217235

Ion Ratio Lower Upper

106 100

91 201.8 163.4 245.2

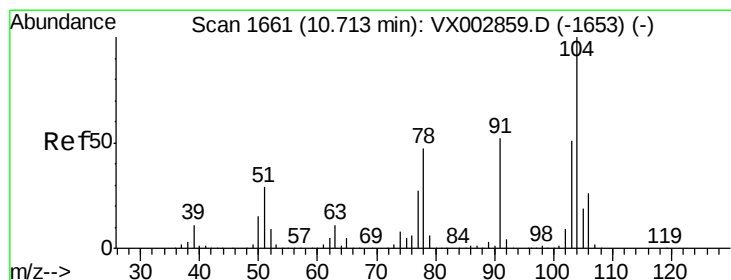
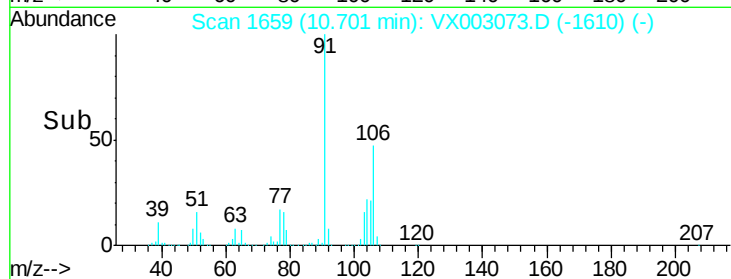
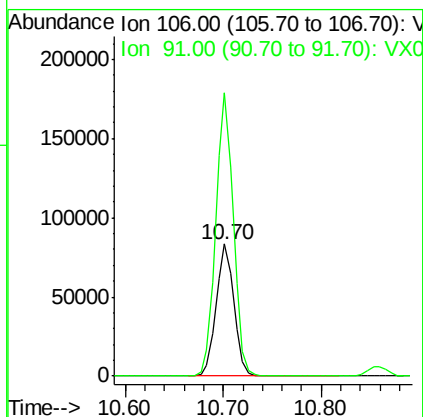
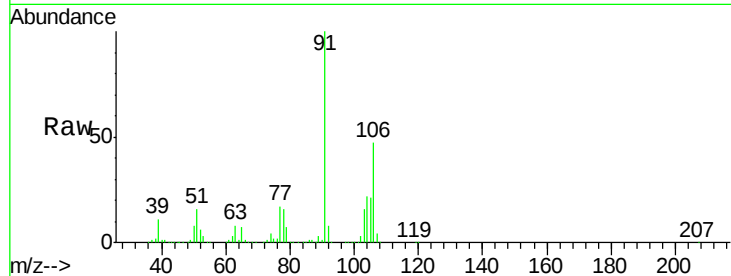




#69
o-Xylene
Concen: 19.89 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

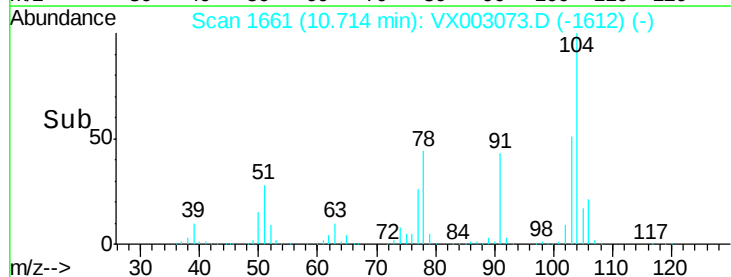
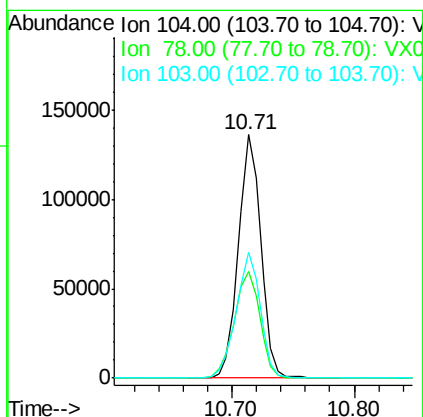
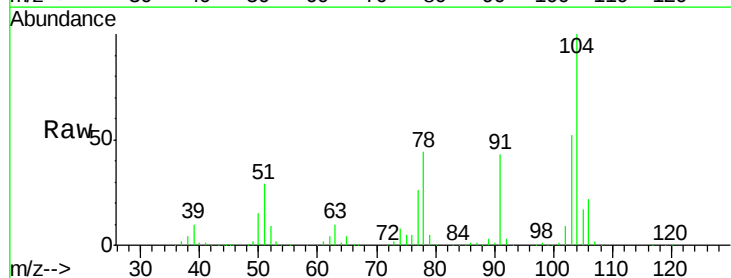
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

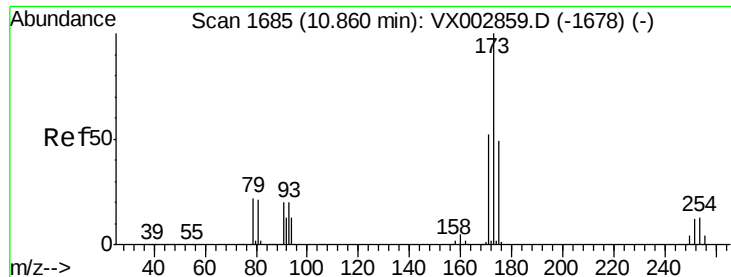
Tot Ion:106 Resp: 105232
Ion Ratio Lower Upper
106 100
91 212.3 108.2 324.6



#70
Styrene
Concen: 20.11 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion:104 Resp: 172944
Ion Ratio Lower Upper
104 100
78 50.2 41.0 61.6
103 55.6 44.2 66.4





#71

Bromoform

Concen: 18.80 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

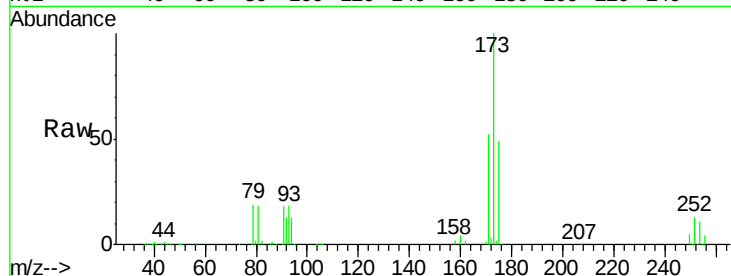
Tot Ion:173 Resp: 45281

Ion Ratio Lower Upper

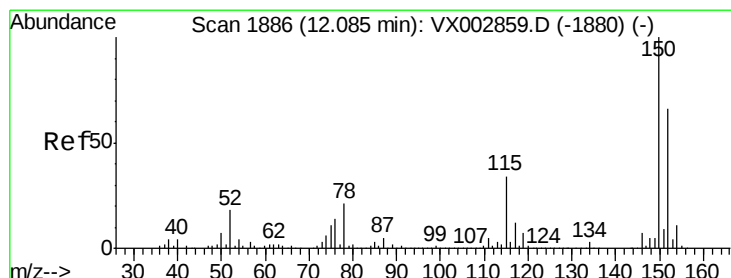
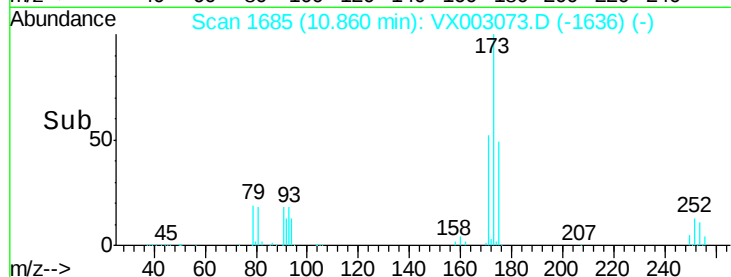
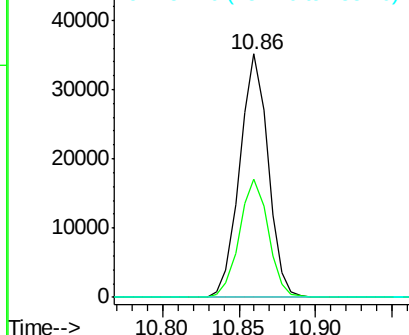
173 100

175 49.5 24.7 74.1

254 0.3 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: VX003073.D

Acq: 30 Jun 2018 12:28

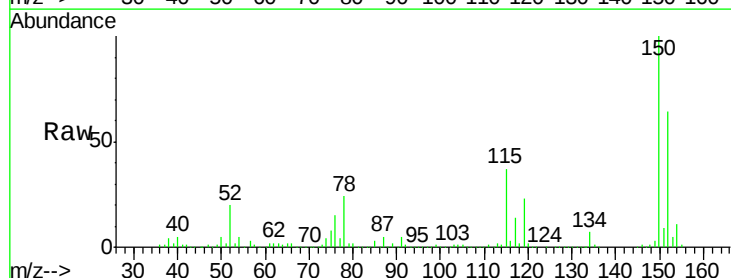
Tgt Ion:152 Resp: 209410

Ion Ratio Lower Upper

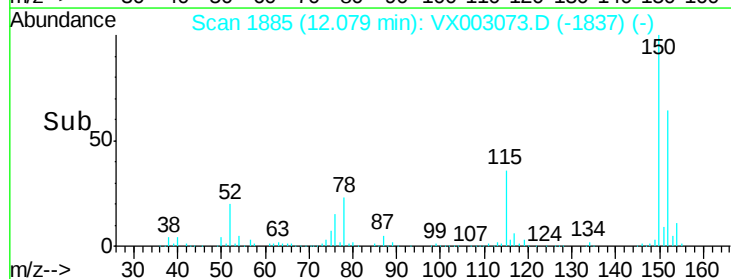
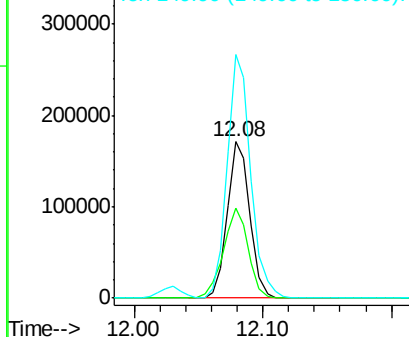
152 100

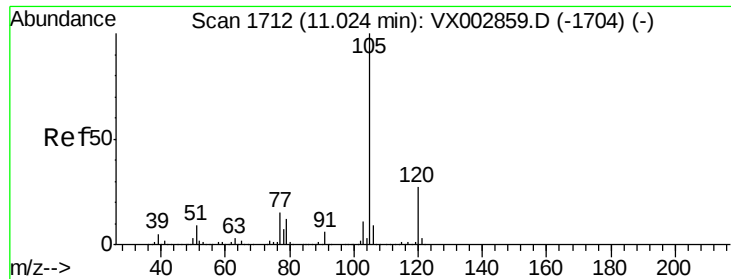
115 64.0 40.1 120.2

150 163.9 0.0 347.2



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





#73

Isopropylbenzene

Concen: 20.31 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

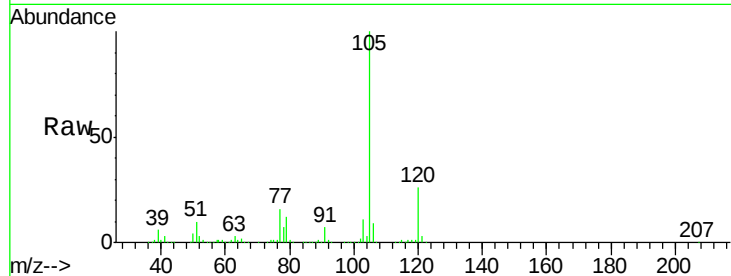
VX0630WBS01

Tot Ion:105 Resp: 286144

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

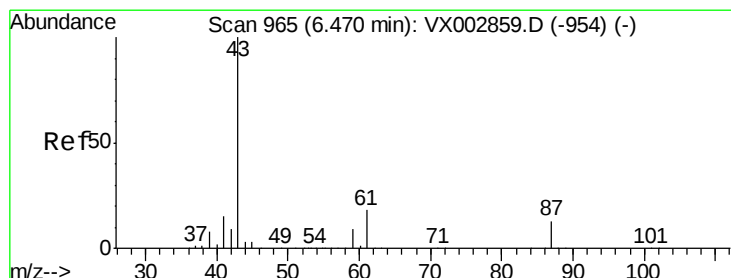
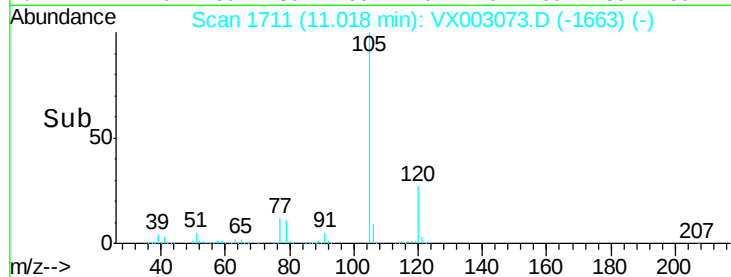
0

11.02

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 18.42 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Tgt Ion: 43 Resp: 126963

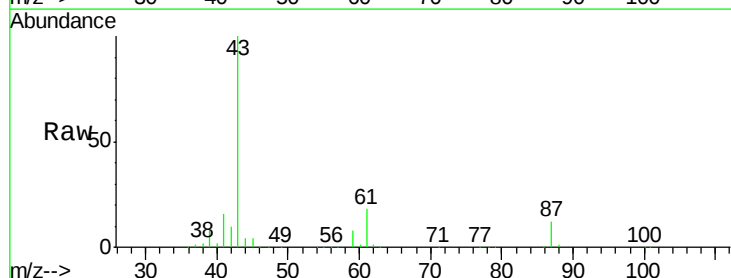
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 19.0 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

40000

20000

0

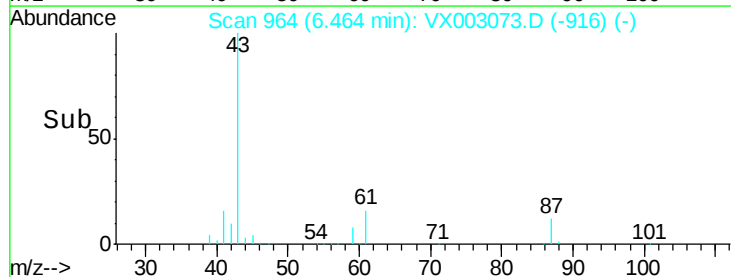
6.46

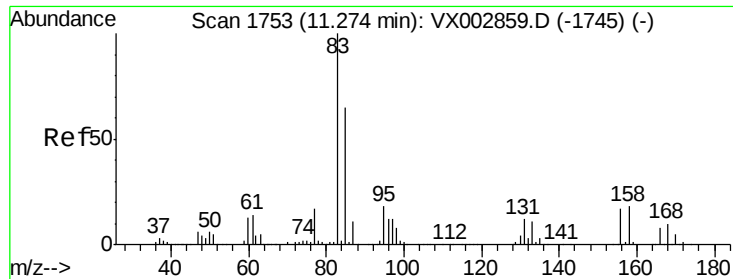
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.71 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS01

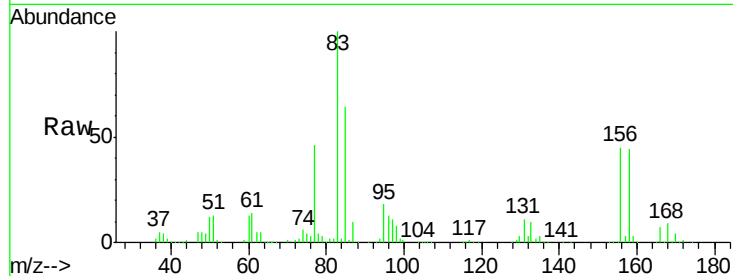
Tot Ion: 83 Resp: 85546

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

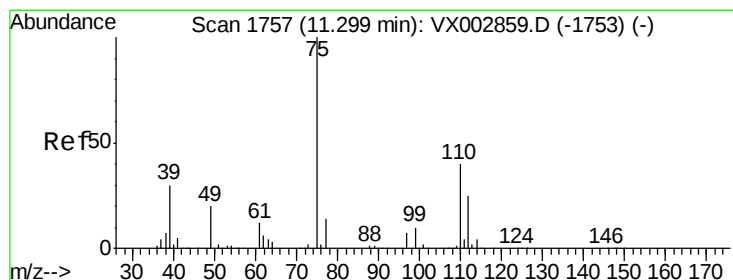
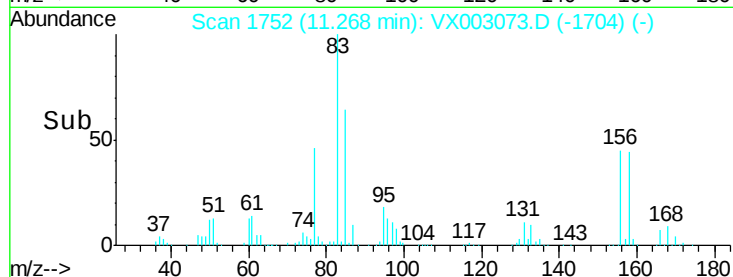
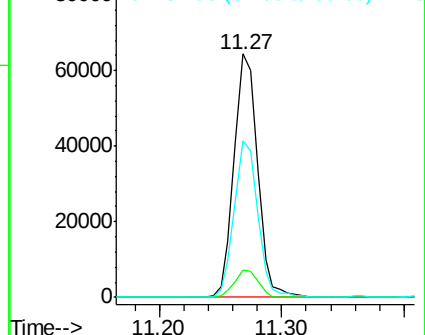
85 64.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.16 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003073.D

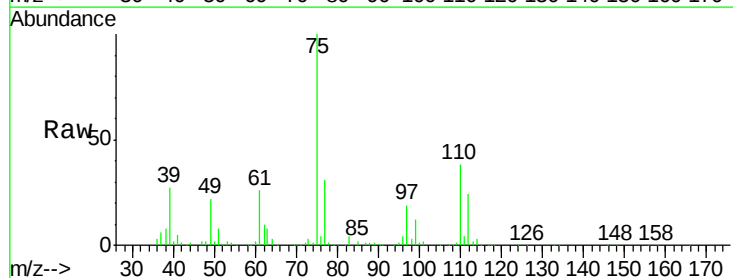
Acq: 30 Jun 2018 12:28

Tgt Ion: 75 Resp: 95425

Ion Ratio Lower Upper

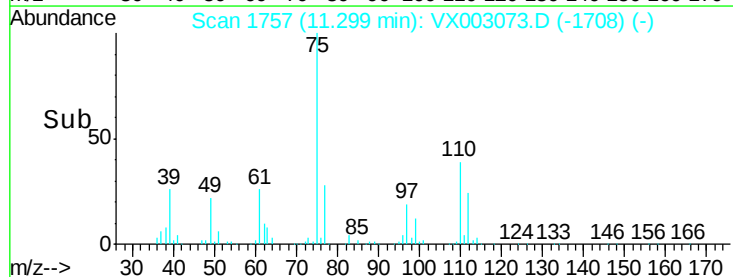
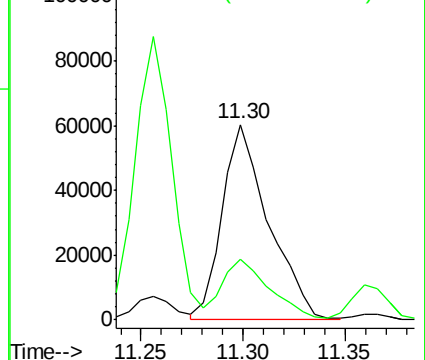
75 100

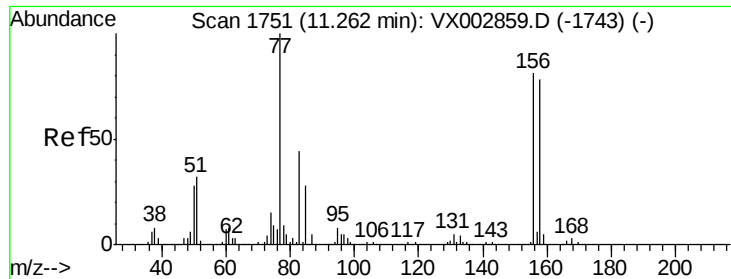
77 31.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.10 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

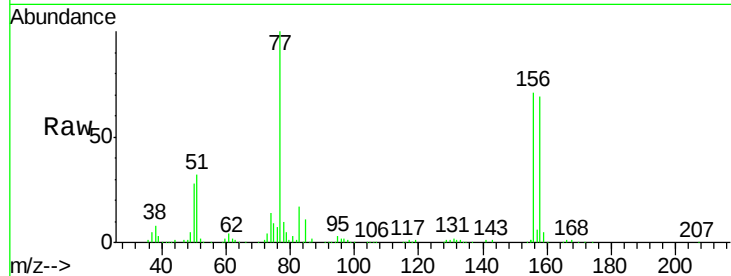
Tot Ion:156 Resp: 80648

Ion Ratio Lower Upper

156 100

77 136.7 71.4 214.2

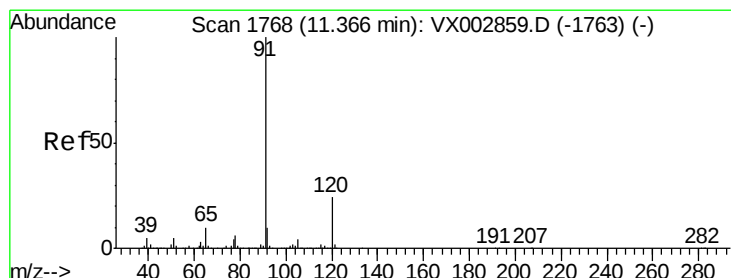
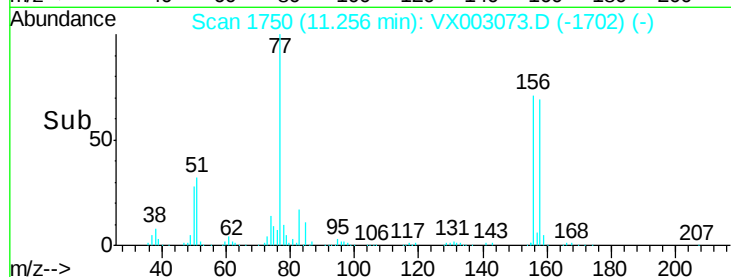
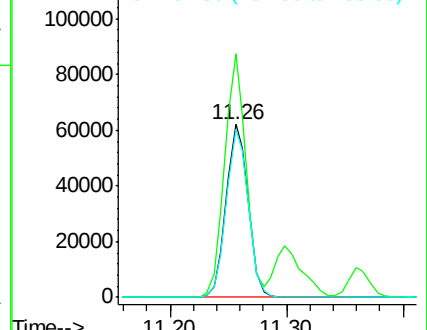
158 97.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.19 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003073.D

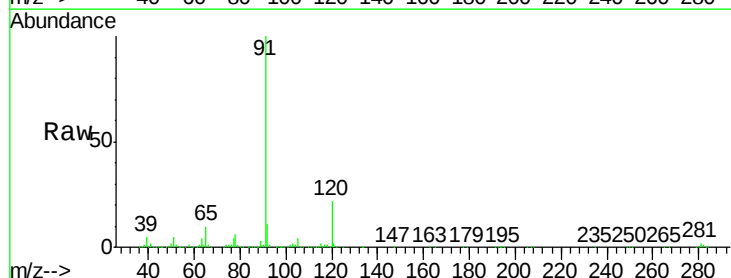
Acq: 30 Jun 2018 12:28

Tgt Ion: 91 Resp: 323690

Ion Ratio Lower Upper

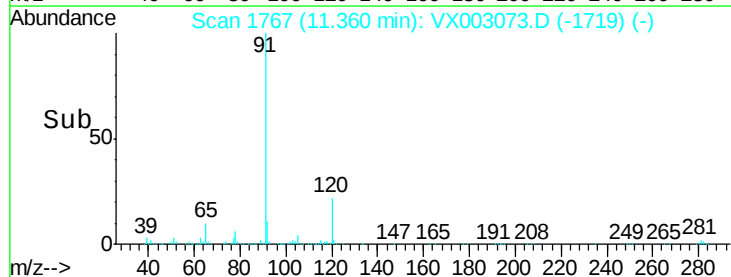
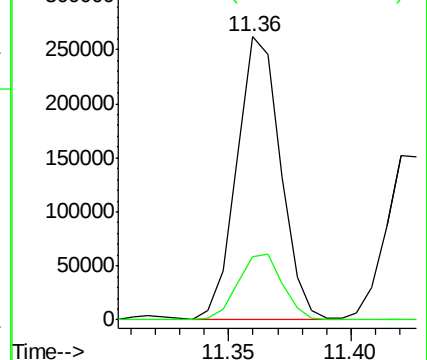
91 100

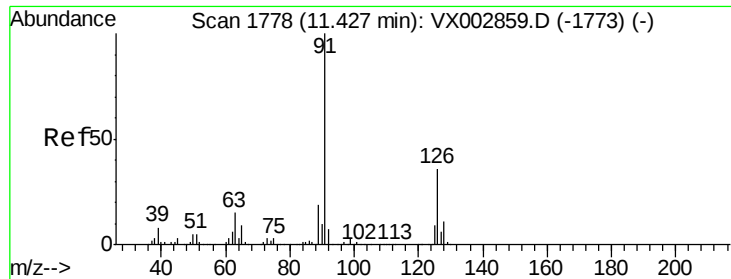
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.11 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

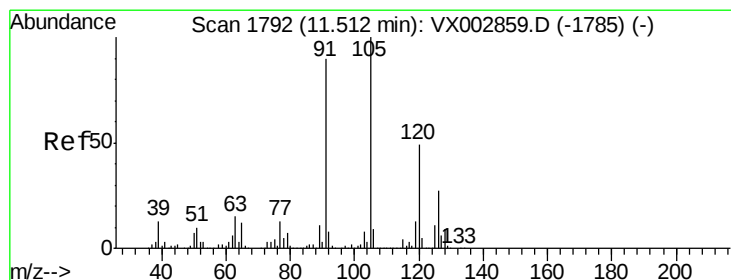
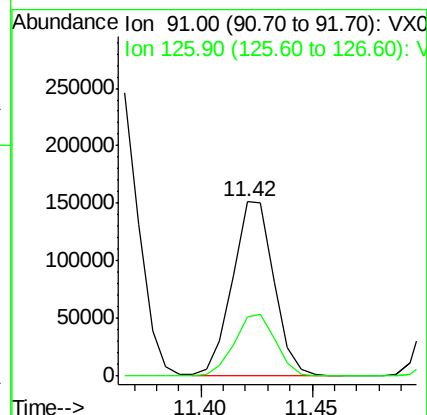
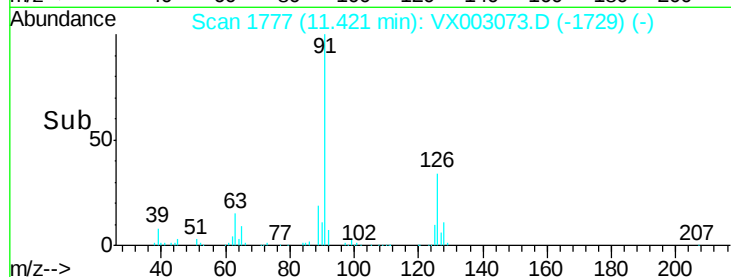
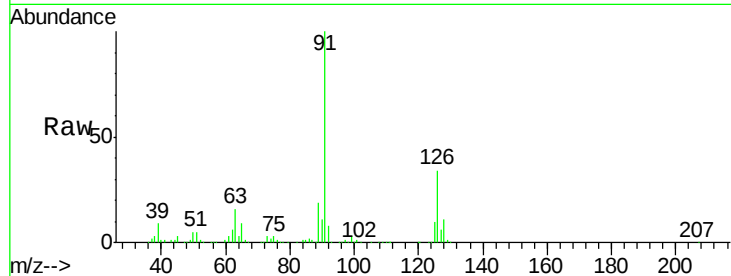
VX0630WBS01

Tot Ion: 91 Resp: 195237

Ion Ratio Lower Upper

91 100

126 35.7 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 20.05 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003073.D

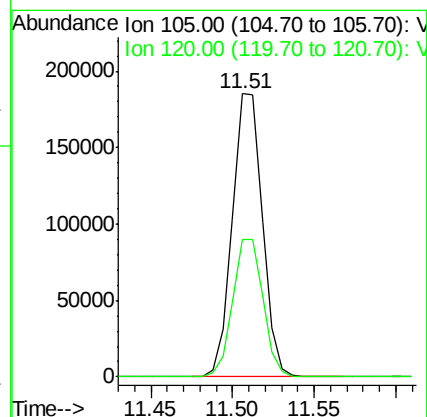
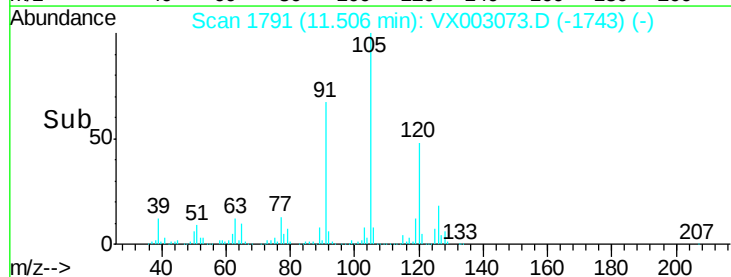
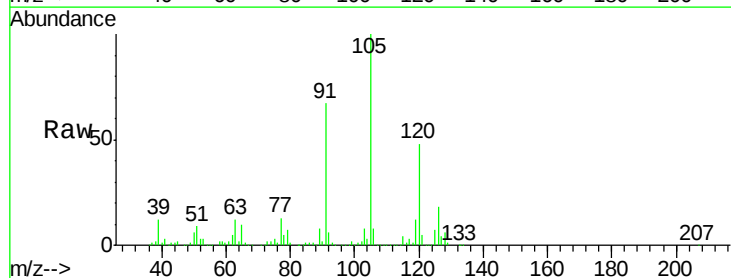
Acq: 30 Jun 2018 12:28

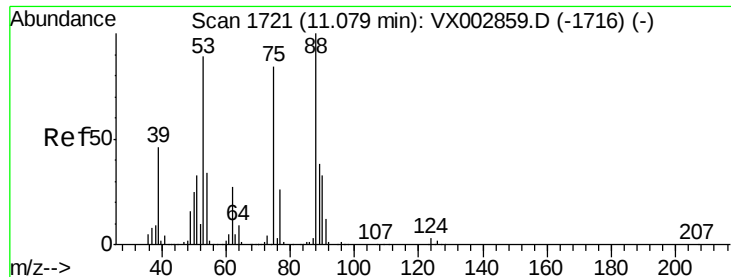
Tgt Ion: 105 Resp: 237881

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.65 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

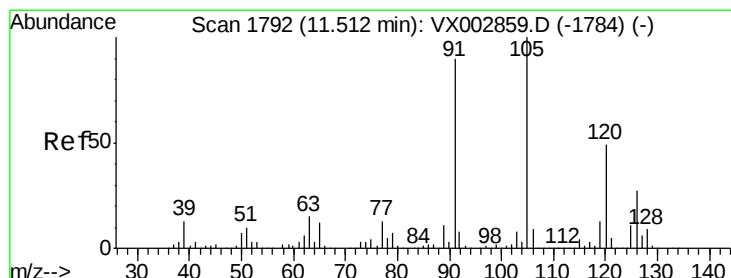
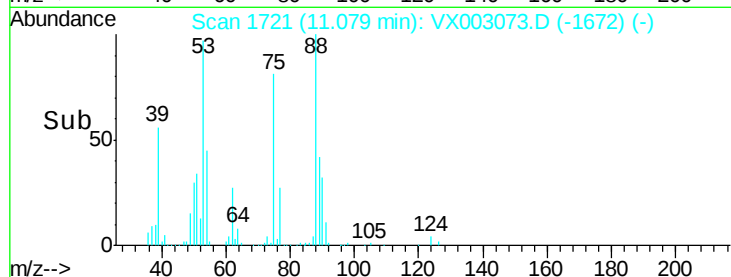
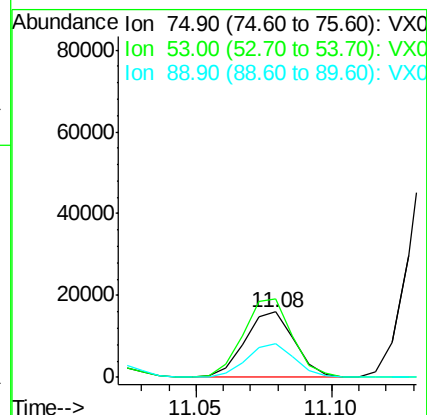
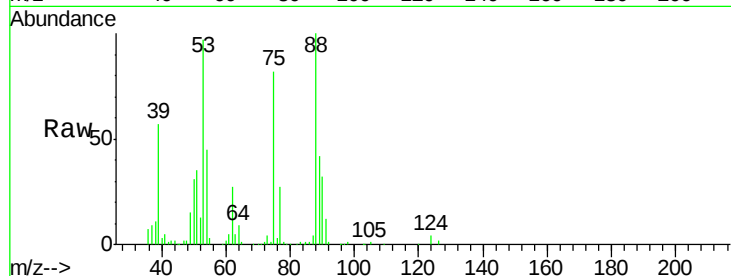
Tot Ion: 75 Resp: 20020

Ion Ratio Lower Upper

75 100

53 119.5 86.8 130.2

89 51.0 38.2 57.2



#82

4-Chlorotoluene

Concen: 19.87 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003073.D

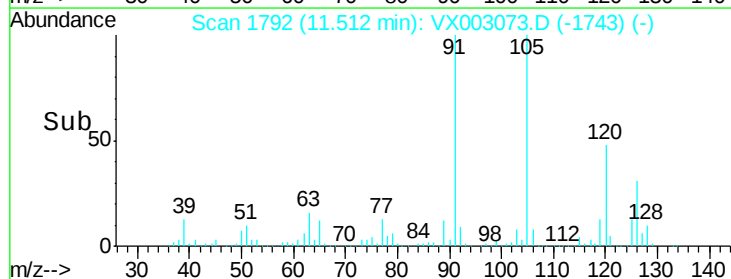
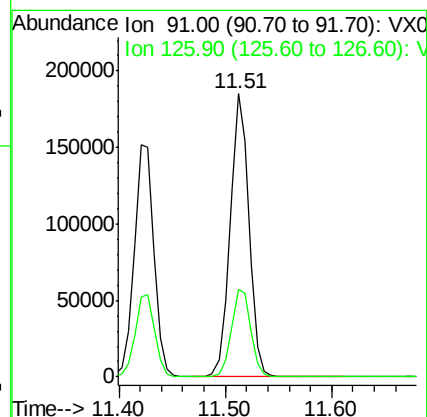
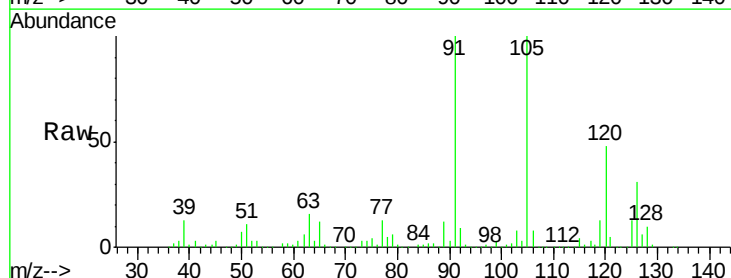
Acq: 30 Jun 2018 12:28

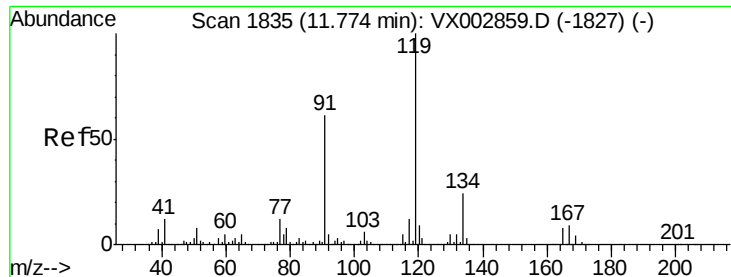
Tgt Ion: 91 Resp: 228316

Ion Ratio Lower Upper

91 100

126 31.8 15.4 46.4

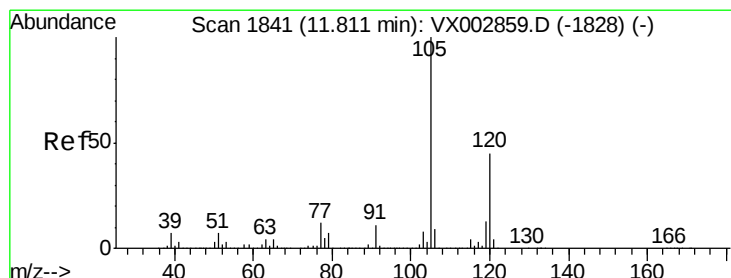
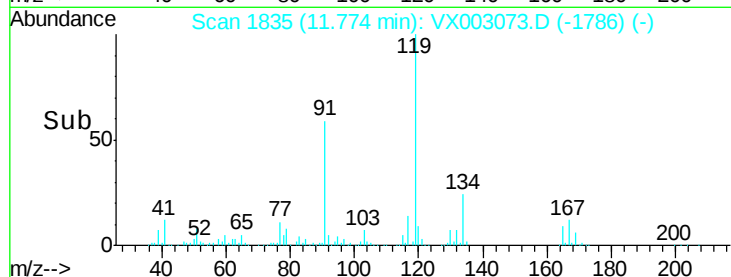
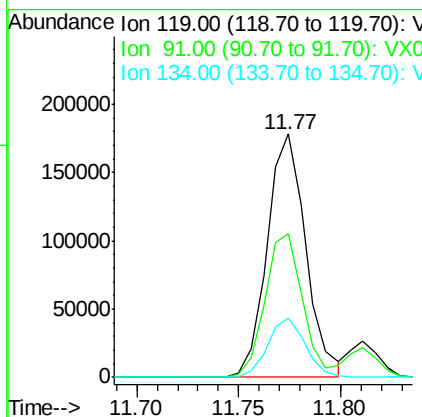
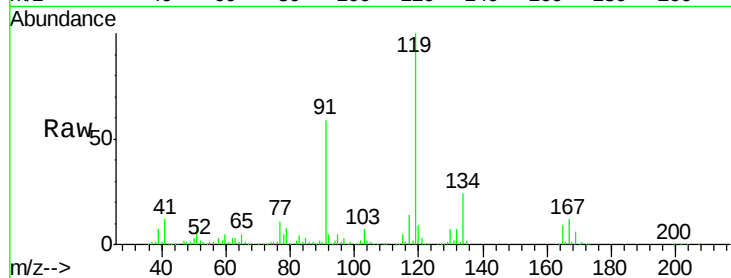




#83
tert-Butylbenzene
Concen: 20.06 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

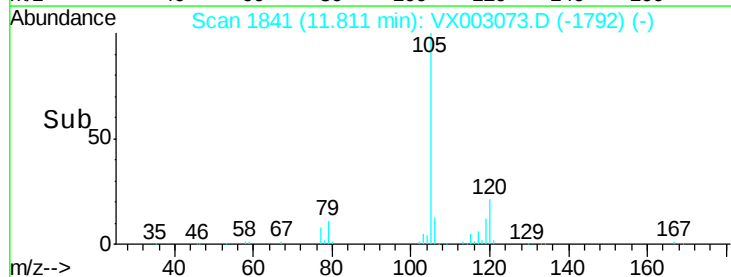
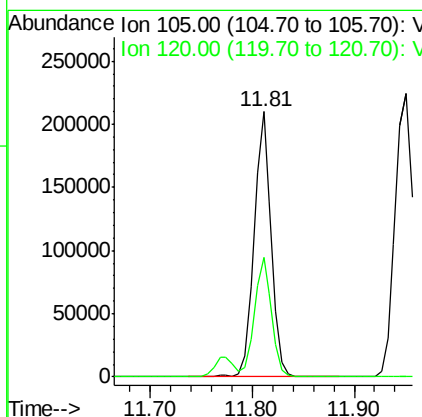
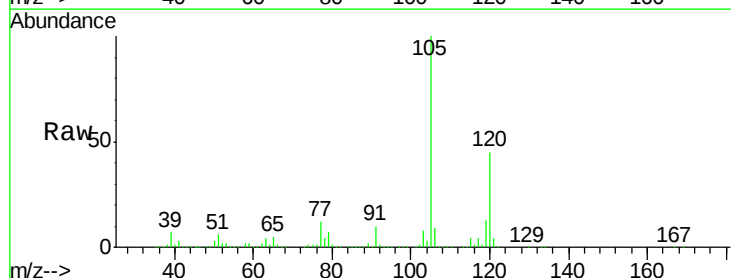
Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

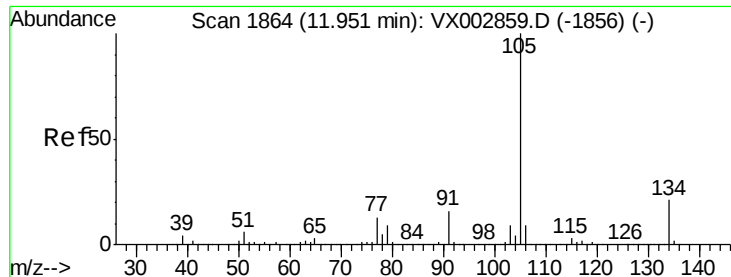
Tot Ion:119 Resp: 234599
Ion Ratio Lower Upper
119 100
91 57.0 30.3 90.9
134 23.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.04 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion:105 Resp: 246337
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.81 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

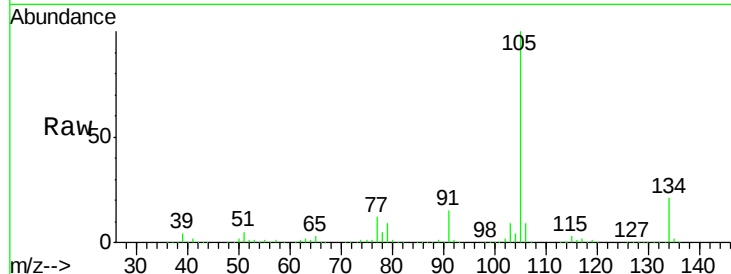
VX0630WBS01

Tot Ion:105 Resp: 280961

Ion Ratio Lower Upper

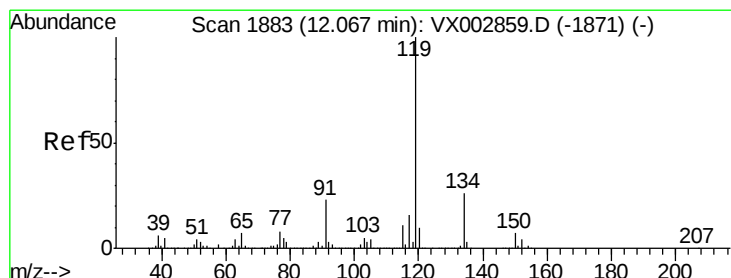
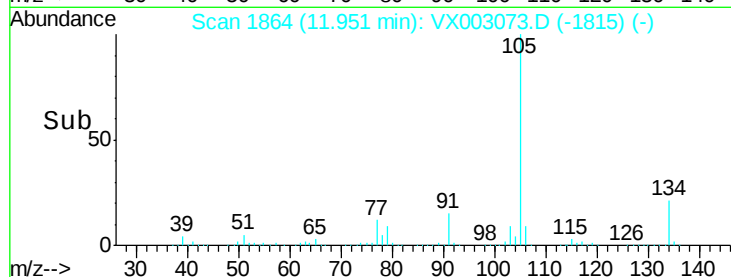
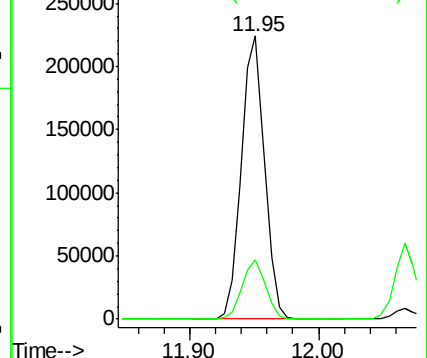
105 100

134 21.0 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: 19.87 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

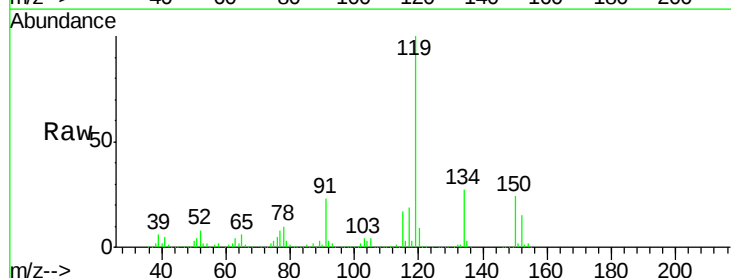
Tgt Ion:119 Resp: 253378

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

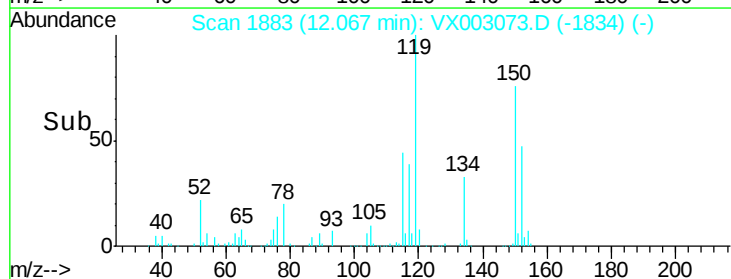
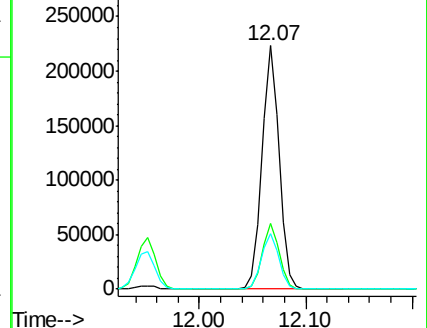
91 23.3 11.9 35.7

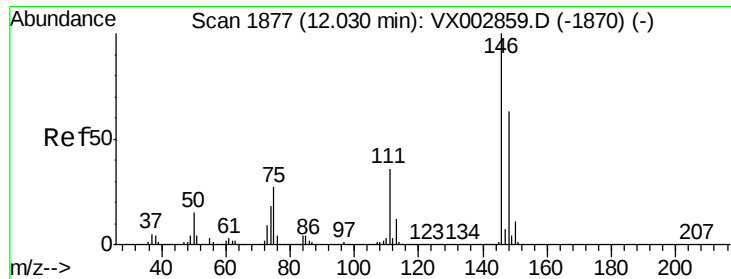


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.05 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampled :

VX0630WBS01

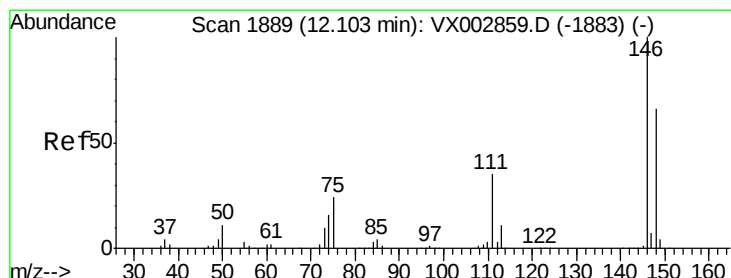
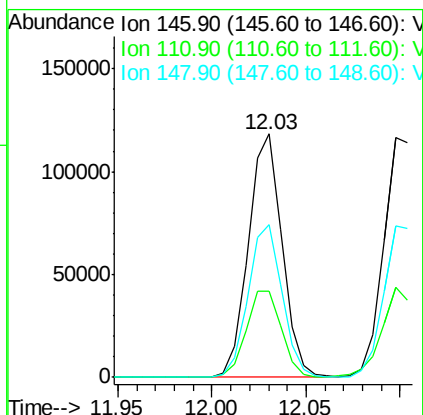
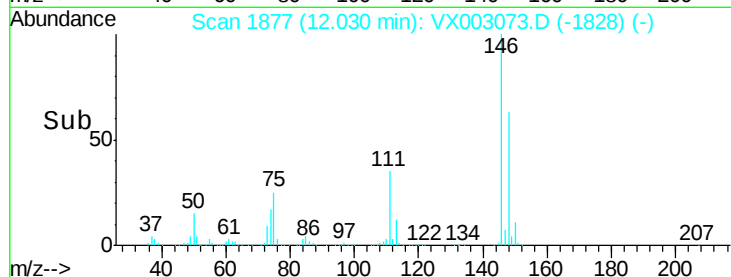
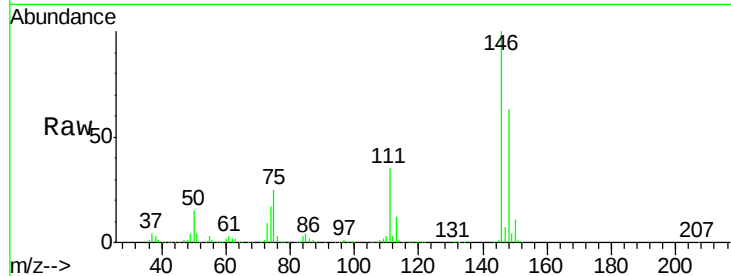
Tot Ion:146 Resp: 146911

Ion Ratio Lower Upper

146 100

111 37.2 18.9 56.7

148 63.1 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 19.76 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

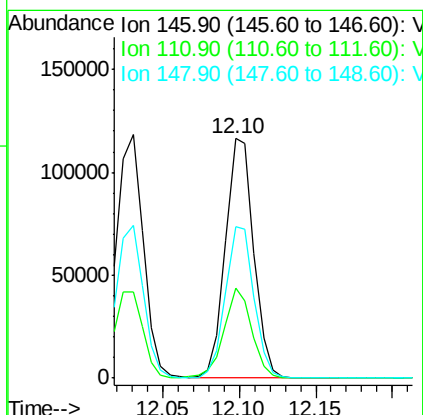
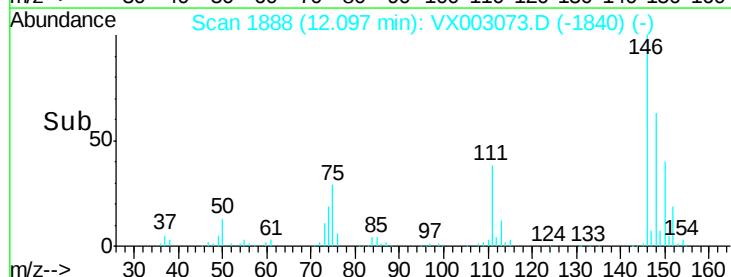
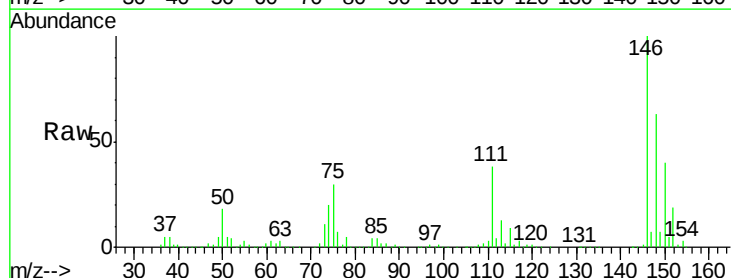
Tgt Ion:146 Resp: 149027

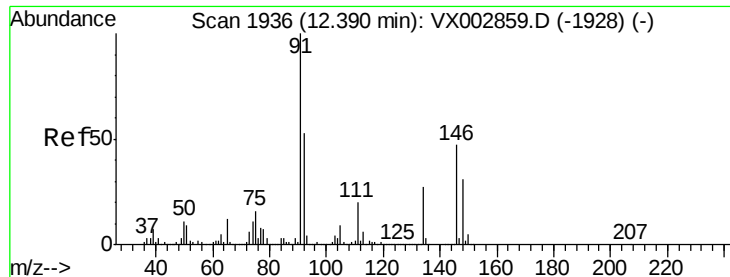
Ion Ratio Lower Upper

146 100

111 37.2 18.7 56.1

148 64.0 32.4 97.0

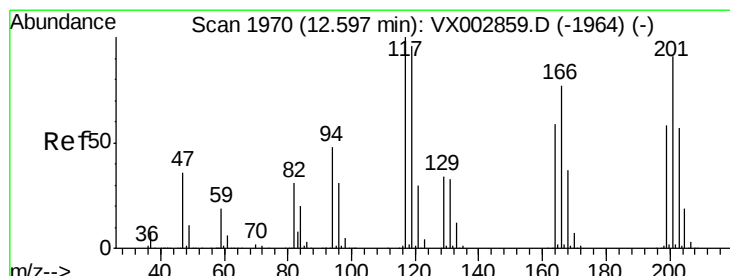
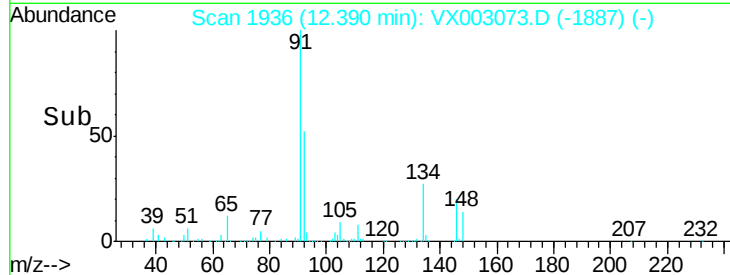
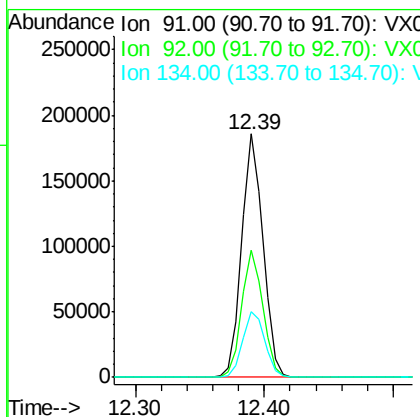
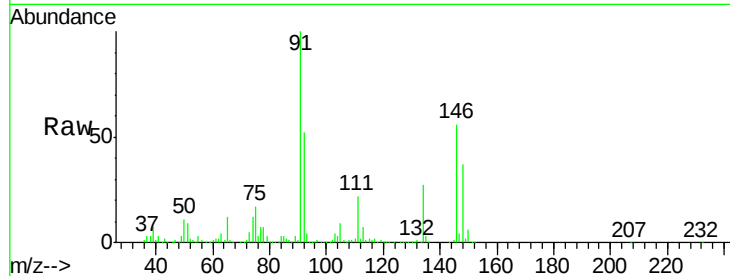




#89
n-Butylbenzene
Concen: 19.18 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

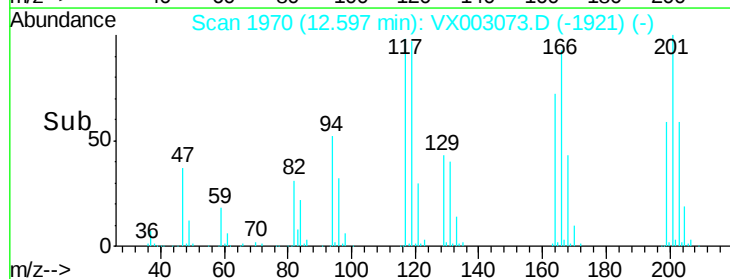
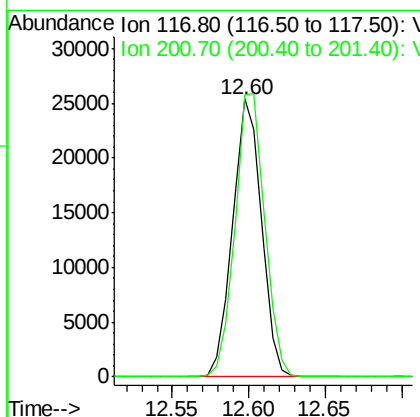
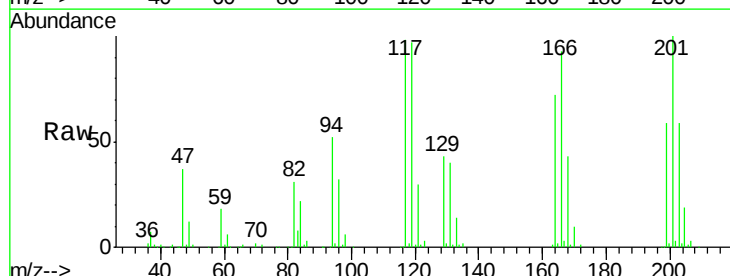
Instrument :
MSVOA_X
ClientSampled :
VX0630WBS01

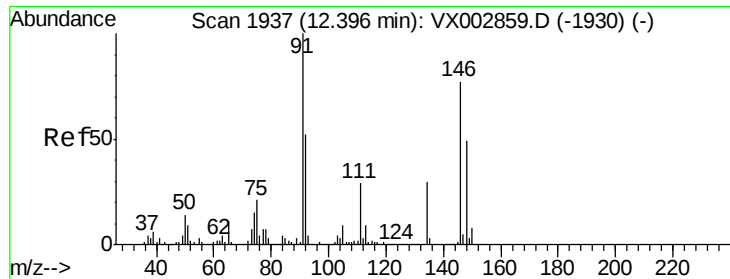
Tot Ion: 91 Resp: 212928
Ion Ratio Lower Upper
91 100
92 51.6 26.0 78.0
134 27.8 13.5 40.5



#90
Hexachloroethane
Concen: 17.47 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003073.D
Acq: 30 Jun 2018 12:28

Tgt Ion: 117 Resp: 33140
Ion Ratio Lower Upper
117 100
201 104.9 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 19.93 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

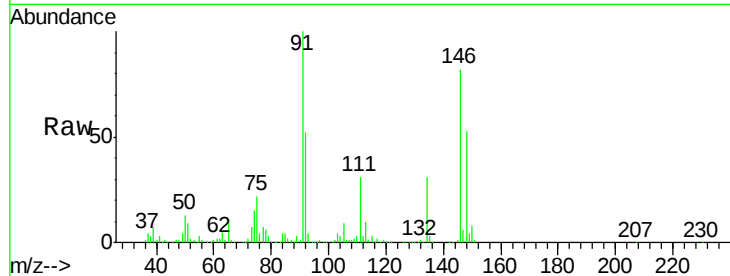
Tot Ion:146 Resp: 147378

Ion Ratio Lower Upper

146 100

111 38.1 19.4 58.1

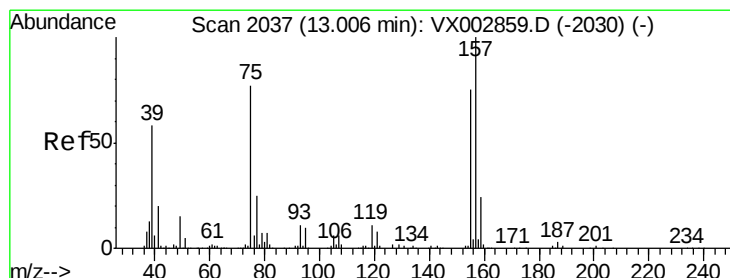
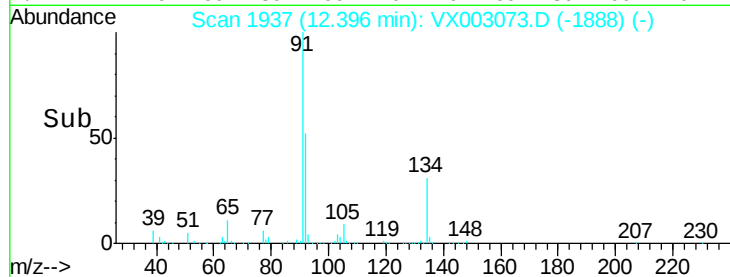
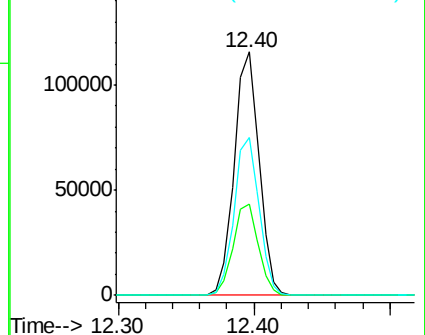
148 65.1 31.7 95.1



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: 17.55 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

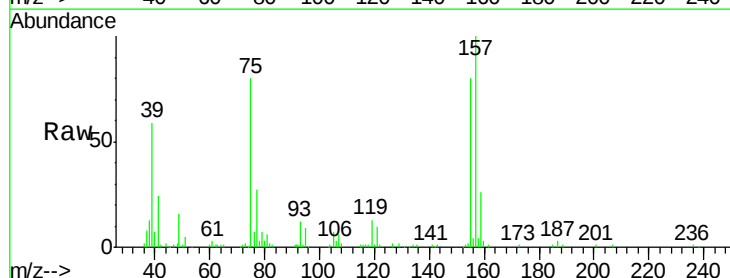
Tgt Ion: 75 Resp: 17117

Ion Ratio Lower Upper

75 100

155 97.7 45.8 137.4

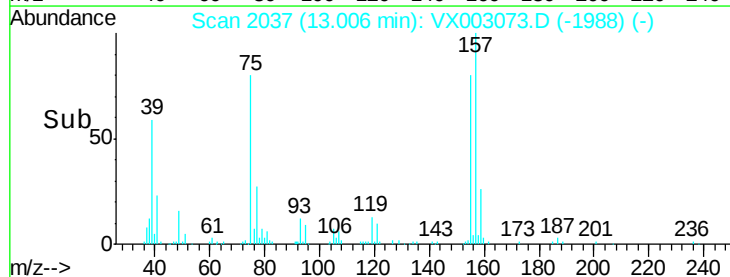
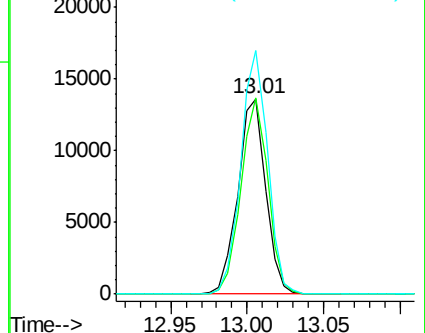
157 120.2 60.1 180.3

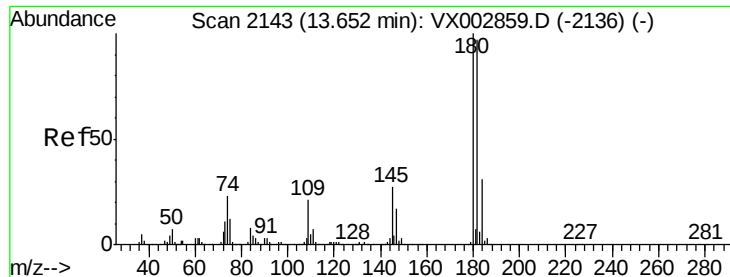


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

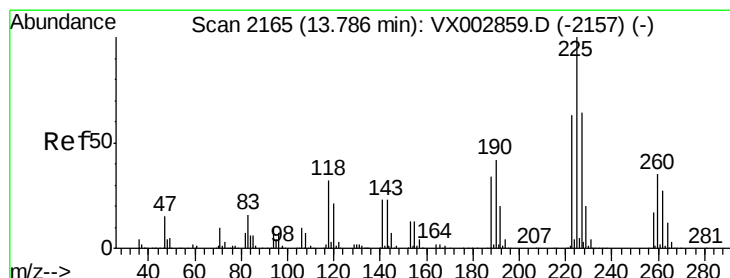
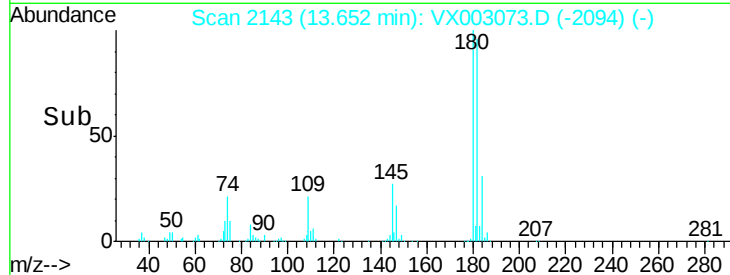
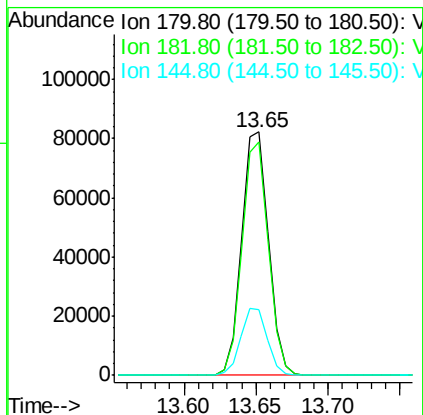
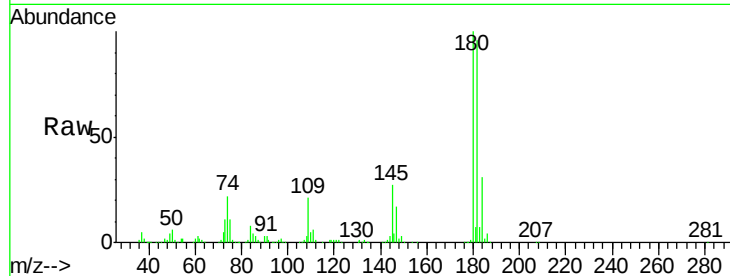




#93
 1,2,4-Trichlorobenzene
 Concen: 19.66 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

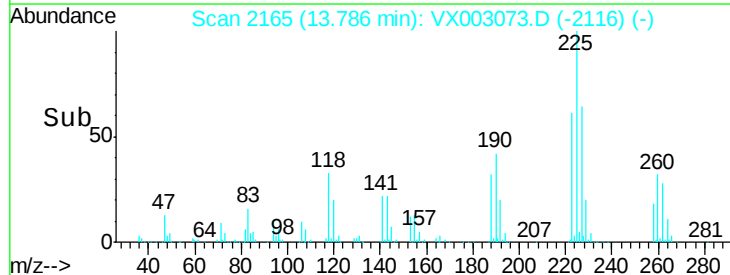
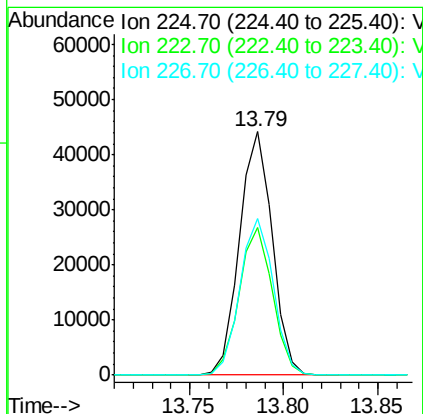
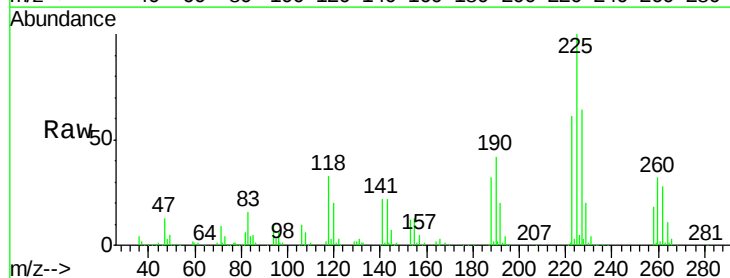
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

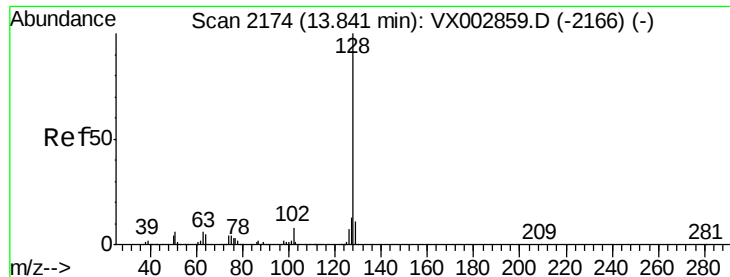
Tot Ion:180 Resp: 105806
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.7 143.1
 145 27.3 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.84 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003073.D
 Acq: 30 Jun 2018 12:28

Tgt Ion:225 Resp: 53270
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.6 95.0
 227 65.7 32.4 97.2





#95

Naphthalene

Concen: 19.60 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0630WBS01

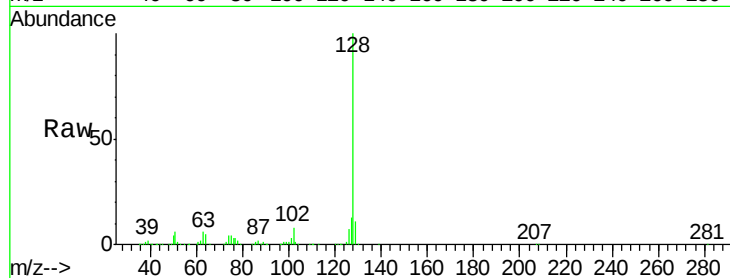
Tot Ion:128 Resp: 280963

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

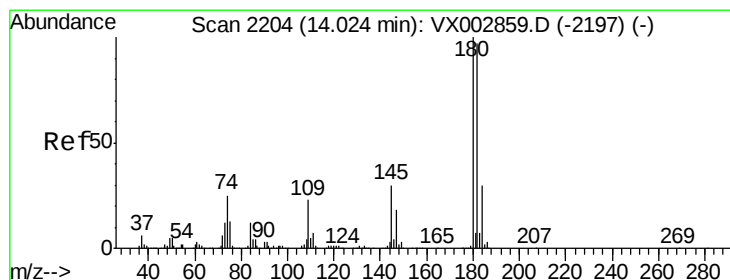
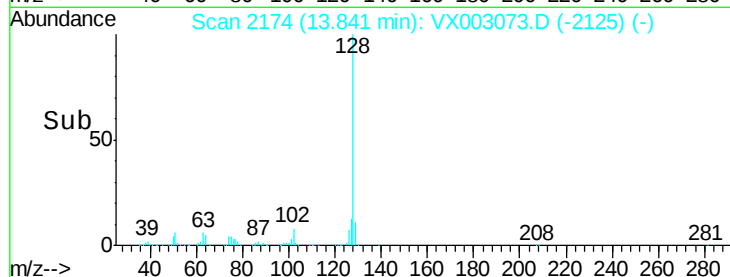
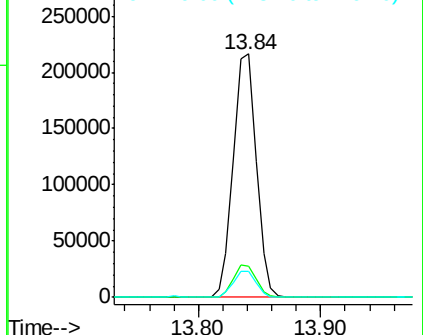
129 10.8 8.6 13.0



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: 19.68 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003073.D

Acq: 30 Jun 2018 12:28

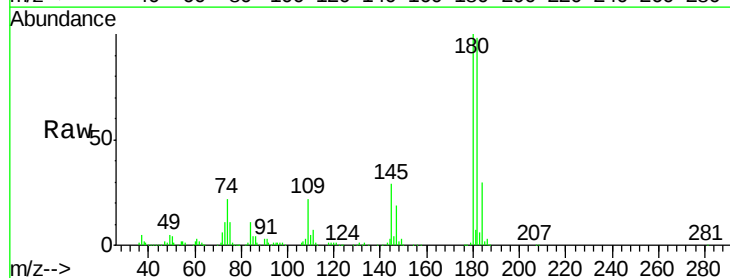
Tgt Ion:180 Resp: 105807

Ion Ratio Lower Upper

180 100

182 97.1 48.0 144.0

145 29.8 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

