

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003030.D
 Acq On : 29 Jun 2018 15:51
 Operator : JC/MD
 Sample : VX0629WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 29 23:28:13 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	279397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222854	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188120	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	5.51	113	154679	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	8.72	98	551646	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.14	95	209334	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	60486	24.09	ug/l	99
3) Chloromethane	1.32	50	58398	21.88	ug/l	98
4) Vinyl Chloride	1.40	62	63870	20.21	ug/l	# 87
5) Bromomethane	1.64	94	26132	15.86	ug/l	99
6) Chloroethane	1.72	64	39970	20.30	ug/l	100
7) Trichlorofluoromethane	1.93	101	102261	19.19	ug/l	98
8) Diethyl Ether	2.19	74	36478	18.83	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57858	18.73	ug/l	97
10) Methyl Iodide	2.51	142	44756	18.74	ug/l	98
11) Tert butyl alcohol	3.08	59	73233	95.19	ug/l	100
12) 1,1-Dichloroethene	2.37	96	53364	19.37	ug/l	96
13) Acrolein	2.29	56	38743	93.53	ug/l	100
14) Allyl chloride	2.73	41	102331	18.84	ug/l	97
15) Acrylonitrile	3.15	53	164194	99.92	ug/l	100
16) Acetone	2.45	43	166643	104.20	ug/l	96
17) Carbon Disulfide	2.57	76	142829	19.45	ug/l	99
18) Methyl Acetate	2.78	43	79727	17.83	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	187430	18.92	ug/l	100
20) Methylene Chloride	2.86	84	58034	18.65	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	56260	18.75	ug/l	96
22) Diisopropyl ether	3.88	45	199575	19.22	ug/l	99
23) Vinyl Acetate	3.83	43	884877	100.65	ug/l	99
24) 1,1-Dichloroethane	3.70	63	106924	18.95	ug/l	100
25) 2-Butanone	4.71	43	250452	105.52	ug/l	98
26) 2,2-Dichloropropane	4.59	77	85786	18.69	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	65675	19.52	ug/l	99
28) Bromochloromethane	5.03	49	55253	20.46	ug/l	94
29) Tetrahydrofuran	5.17	42	155063	101.88	ug/l	97
30) Chloroform	5.22	83	112427	19.41	ug/l	97
31) Cyclohexane	5.57	56	92658	19.13	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	98479	19.33	ug/l	99
36) 1,1-Dichloropropene	5.80	75	79970	18.98	ug/l	97
37) Ethyl Acetate	4.87	43	94359	20.80	ug/l	99
38) Carbon Tetrachloride	5.78	117	89504	19.36	ug/l	96

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 MSVOA_X
 ClientSampleId :

Quant Time: Jun 29 23:28:13 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	89082	18.15	ug/l	99
40) Benzene	6.15	78	242408	19.80	ug/l	99
41) Methacrylonitrile	5.07	41	53216	20.37	ug/l	98
42) 1,2-Dichloroethane	6.20	62	95332	19.28	ug/l	99
43) Isopropyl Acetate	6.47	43	146479	19.25	ug/l	98
44) Trichloroethene	7.22	130	71303	19.54	ug/l	100
45) 1,2-Dichloropropane	7.52	63	61935	19.07	ug/l	99
46) Dibromomethane	7.67	93	43090	19.12	ug/l	94
47) Bromodichloromethane	7.90	83	79618	19.11	ug/l	98
48) Methyl methacrylate	7.78	41	75558	19.27	ug/l	96
49) 1,4-Dioxane	7.76	88	31279	410.10	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	484217	101.72	ug/l	98
52) Toluene	8.79	92	155923	19.88	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	92549	19.61	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	83557	18.40	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	64112	19.89	ug/l	97
56) Ethyl methacrylate	9.18	69	93396	19.83	ug/l	96
57) 1,3-Dichloropropane	9.38	76	105113	19.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	229974	101.21	ug/l	97
59) 2-Hexanone	9.50	43	371873	102.79	ug/l	98
60) Dibromochloromethane	9.59	129	64011	18.87	ug/l	100
61) 1,2-Dibromoethane	9.68	107	68022	20.12	ug/l	100
64) Tetrachloroethene	9.34	164	78162	19.40	ug/l	98
65) Chlorobenzene	10.14	112	178372	19.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64950	19.43	ug/l	99
67) Ethyl Benzene	10.26	91	298741	19.65	ug/l	99
68) m/p-Xylenes	10.36	106	231866	39.58	ug/l	99
69) o-Xylene	10.70	106	111786	19.60	ug/l	99
70) Styrene	10.71	104	186231	20.09	ug/l	100
71) Bromoform	10.86	173	50250	19.24	ug/l	98
73) Isopropylbenzene	11.02	105	301717	20.13	ug/l	99
74) N-amyl acetate	6.47	43	146479	19.97	ug/l	# 98
75) 1,1,2,2-Tetrachloroethane	11.27	83	94918	20.55	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	103821	25.72	ug/l	81
77) Bromobenzene	11.26	156	85846	20.11	ug/l	97
78) n-propylbenzene	11.37	91	335874	19.68	ug/l	99
79) 2-Chlorotoluene	11.43	91	205474	19.89	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	249957	19.80	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	22390	18.37	ug/l	92
82) 4-Chlorotoluene	11.51	91	238621	19.51	ug/l	98
83) tert-Butylbenzene	11.77	119	245489	19.73	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	259063	19.80	ug/l	98
85) sec-Butylbenzene	11.95	105	291119	19.28	ug/l	100
86) p-Isopropyltoluene	12.07	119	260491	19.19	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	153150	19.64	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	154294	19.23	ug/l	100
89) n-Butylbenzene	12.39	91	215391	18.23	ug/l	100
90) Hexachloroethane	12.60	117	34641	17.16	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	156130	19.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20216	19.47	ug/l	98

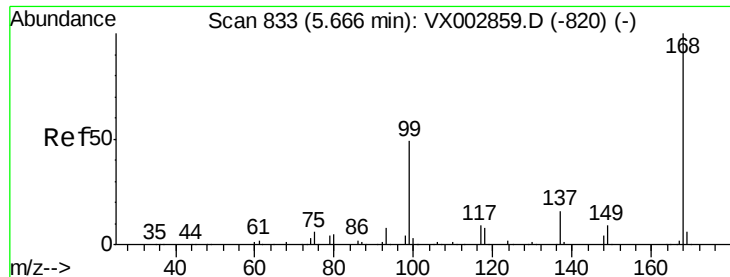
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062918\
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Quant Time: Jun 29 23:28:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109280	19.08	ug/l	99
94) Hexachlorobutadiene	13.79	225	54045	18.92	ug/l	99
95) Naphthalene	13.84	128	314077	20.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112708	19.70	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: VX003030.D

Acq: 29 Jun 2018 15:51

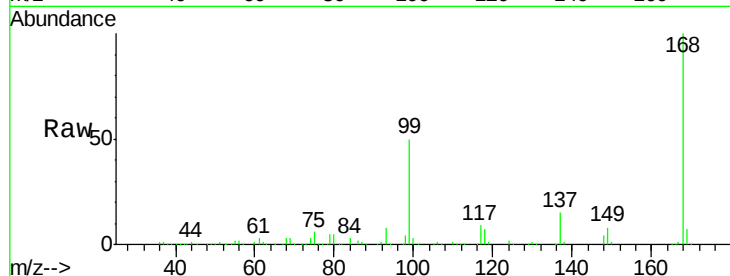
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 279397

Ion Ratio Lower Upper

168 100

99 49.9 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

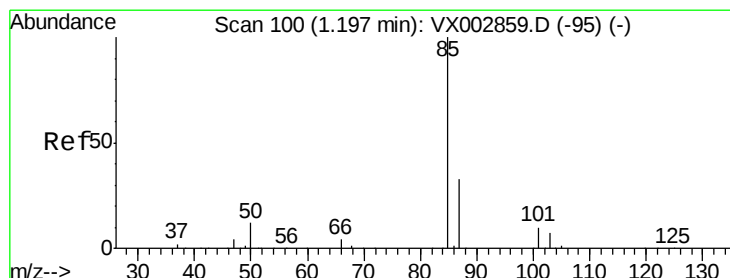
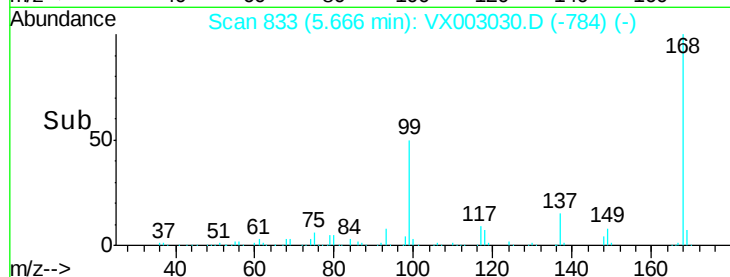
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 24.09 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003030.D

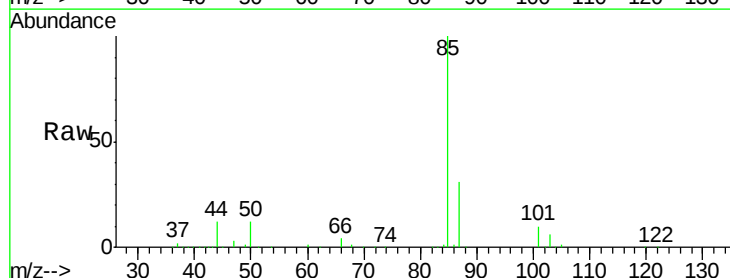
Acq: 29 Jun 2018 15:51

Tgt Ion: 85 Resp: 60486

Ion Ratio Lower Upper

85 100

87 31.3 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

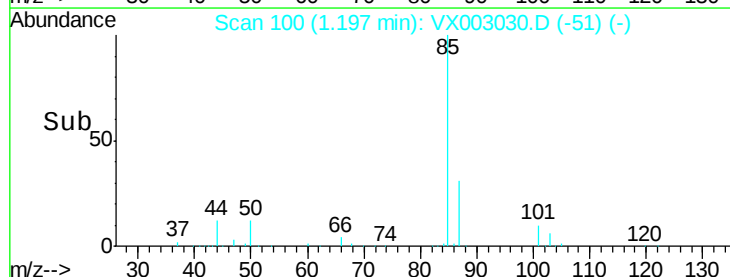
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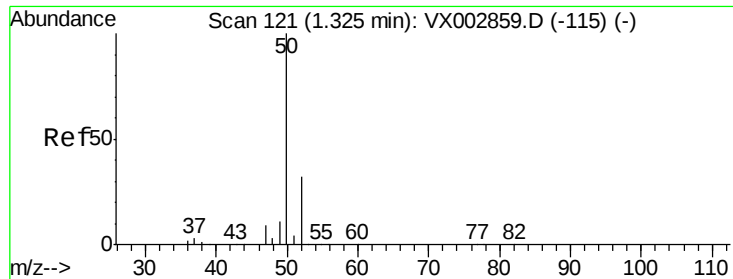
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 21.88 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

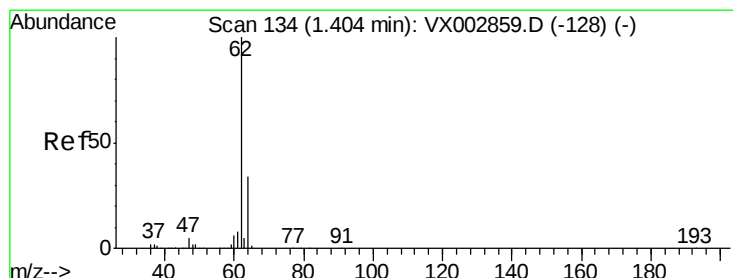
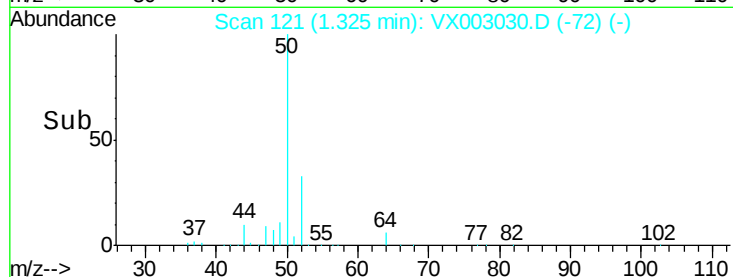
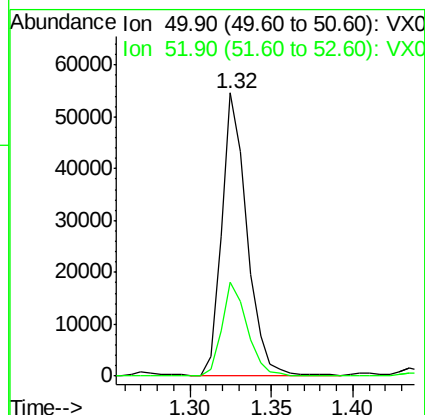
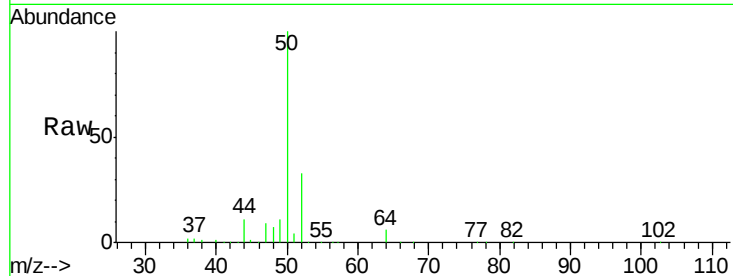
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 50 Resp: 58398

Ion Ratio Lower Upper

50 100

52 33.2 25.7 38.5



#4

Vinyl Chloride

Concen: 20.21 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003030.D

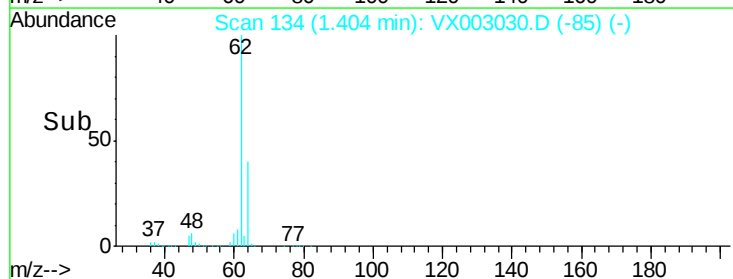
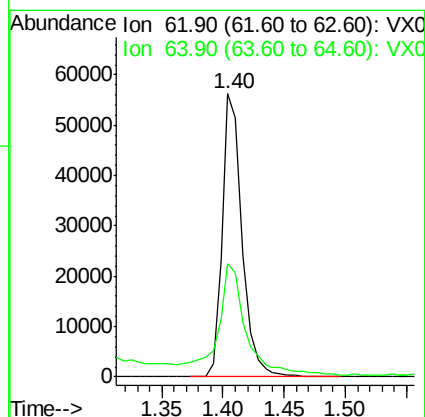
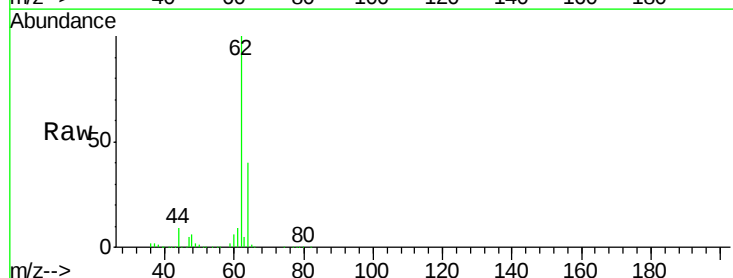
Acq: 29 Jun 2018 15:51

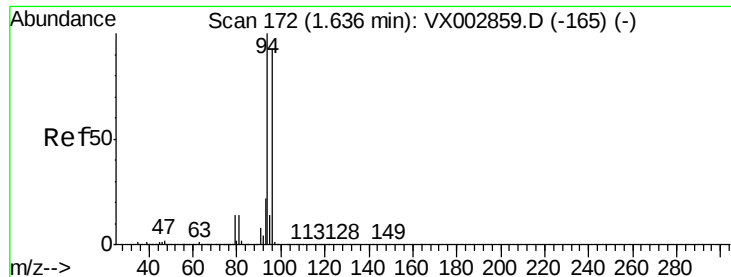
Tgt Ion: 62 Resp: 63870

Ion Ratio Lower Upper

62 100

64 39.2 25.4 38.2#





#5

Bromomethane

Concen: 15.86 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

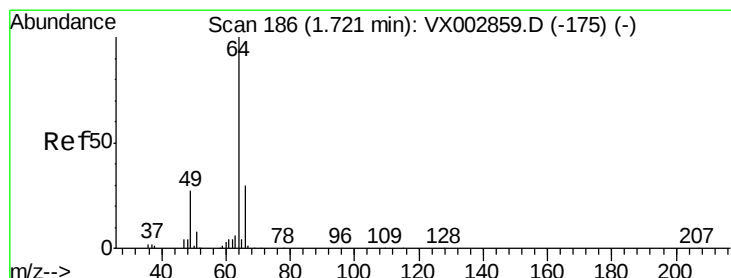
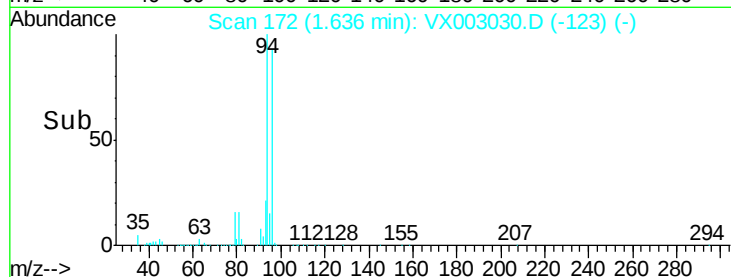
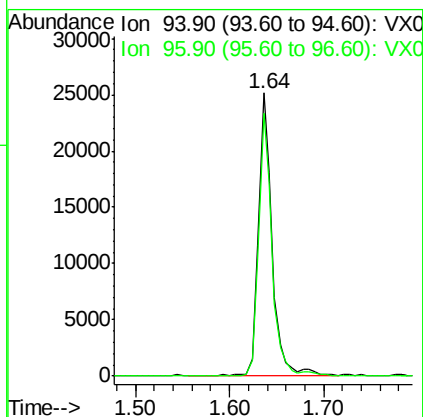
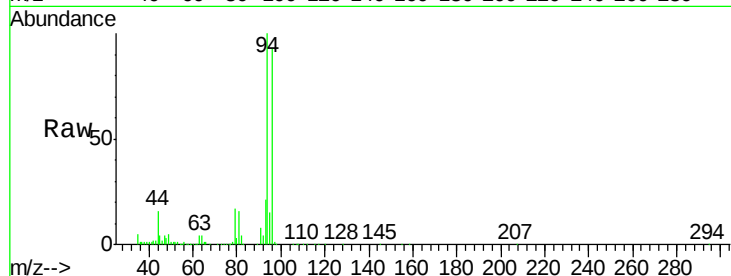
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 26132

Ion Ratio Lower Upper

94 100

96 92.8 74.9 112.3



#6

Chloroethane

Concen: 20.30 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003030.D

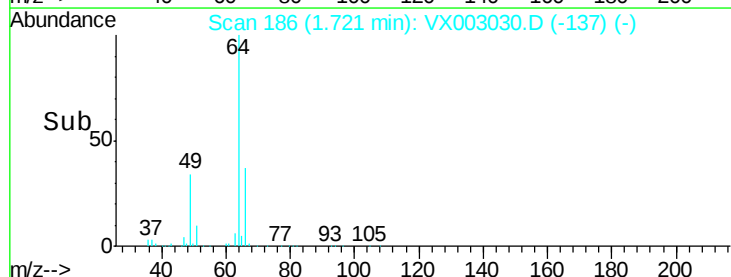
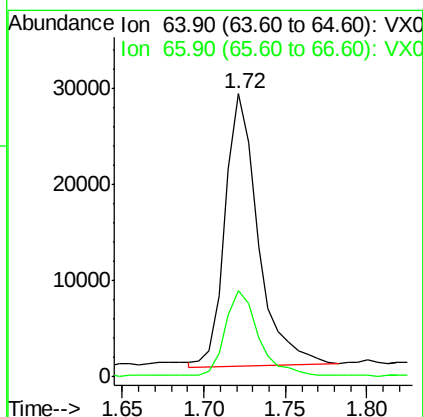
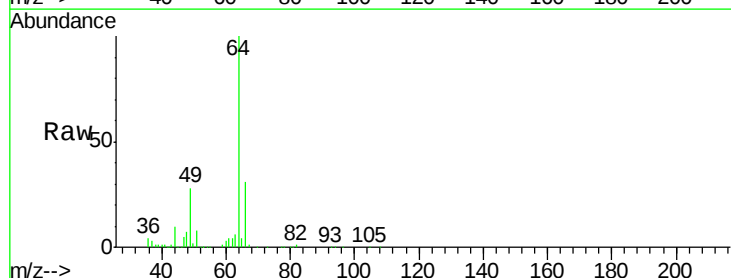
Acq: 29 Jun 2018 15:51

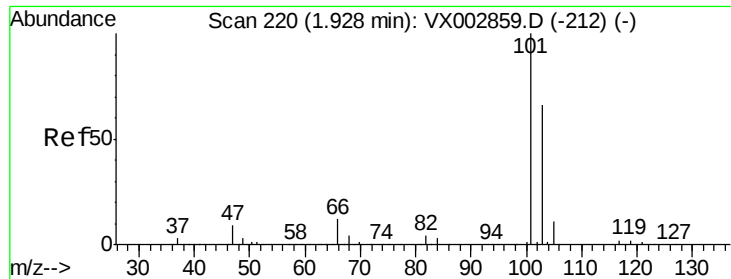
Tgt Ion: 64 Resp: 39970

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3



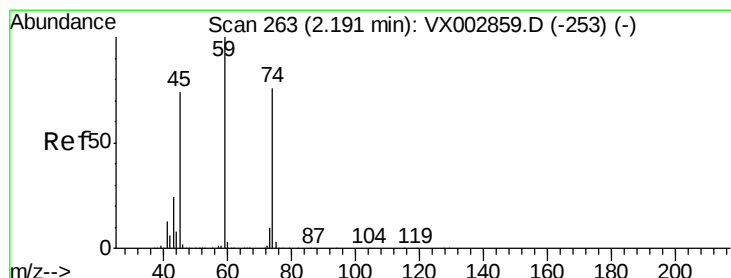
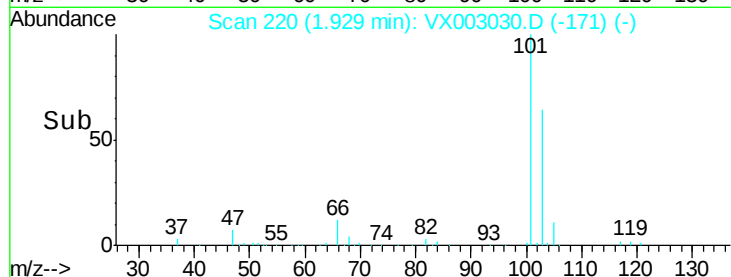
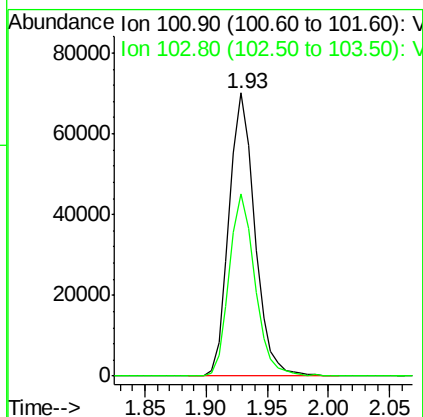
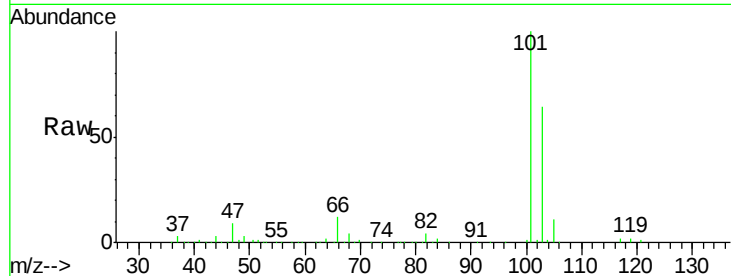


#7

Trichlorofluoromethane
Concen: 19.19 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Instrument :
MSVOA_X
ClientSampleId :

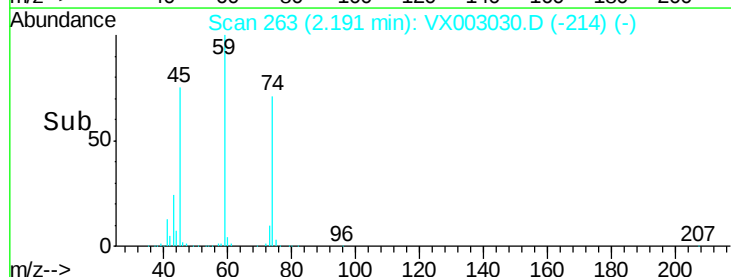
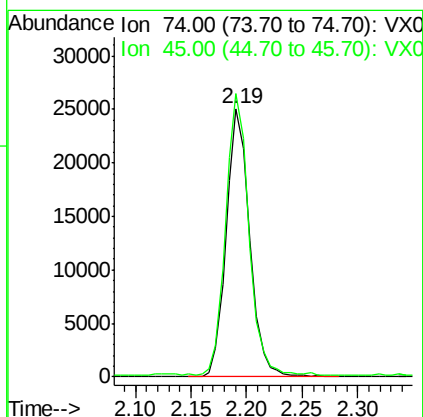
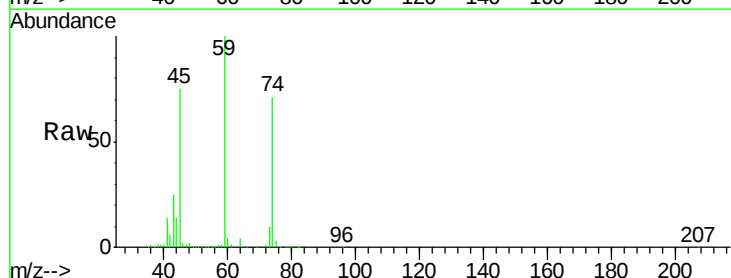
Tot Ion:101 Resp: 102261
Ion Ratio Lower Upper
101 100
103 64.5 52.8 79.2



#8

Diethyl Ether
Concen: 18.83 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion: 74 Resp: 36478
Ion Ratio Lower Upper
74 100
45 103.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.73 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

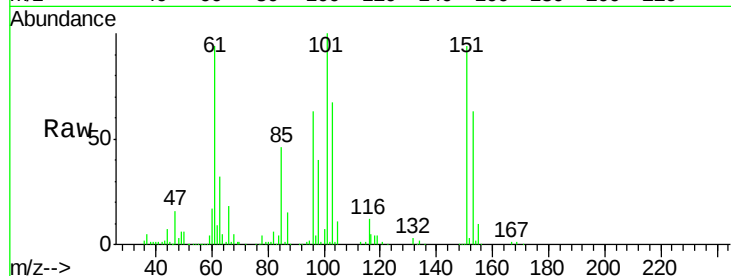
Tot Ion:101 Resp: 57858

Ion Ratio Lower Upper

101 100

85 44.0 36.0 54.0

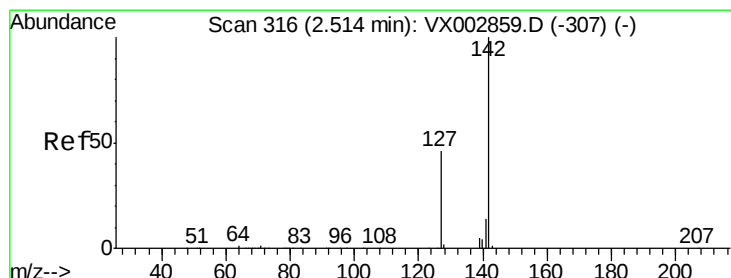
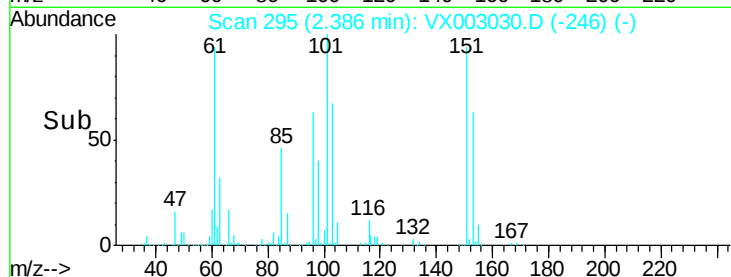
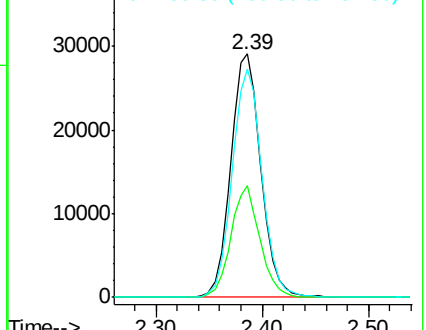
151 92.7 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.74 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

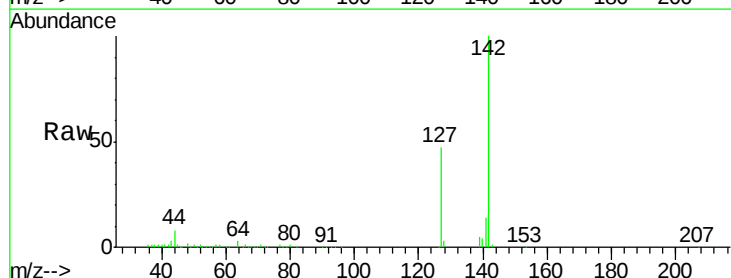
Tgt Ion:142 Resp: 44756

Ion Ratio Lower Upper

142 100

127 45.1 36.6 55.0

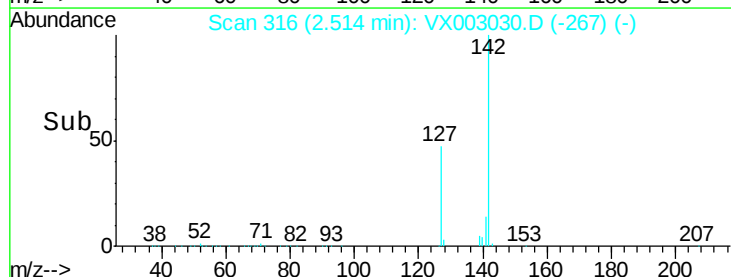
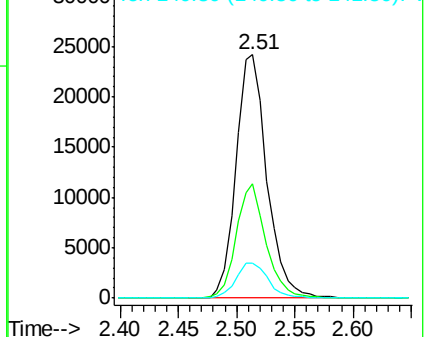
141 15.2 11.3 16.9

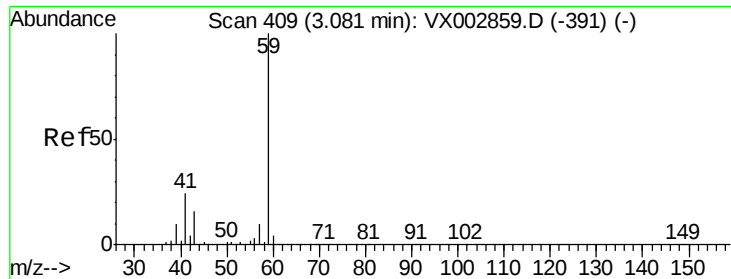


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

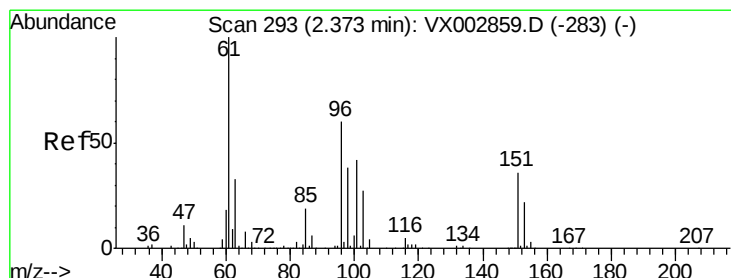
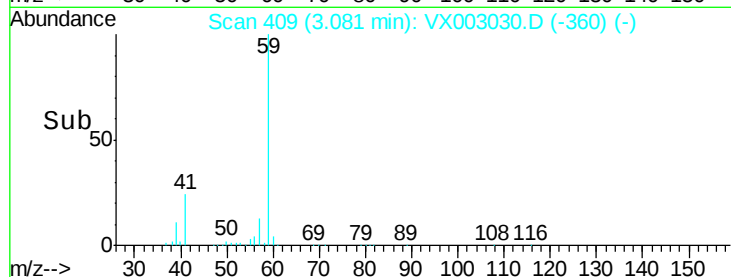
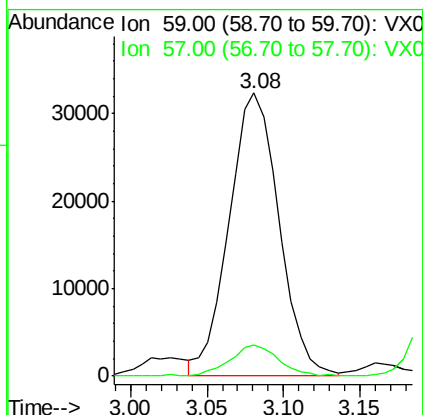
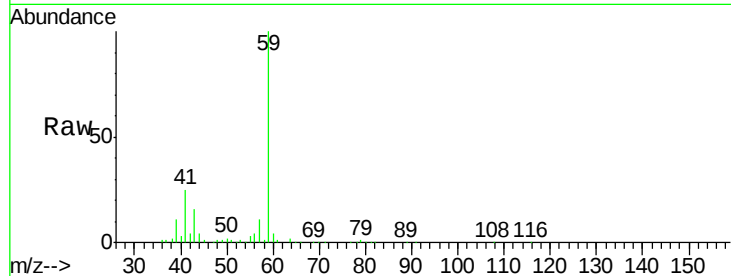




#11
Tert butyl alcohol
Concen: 95.19 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

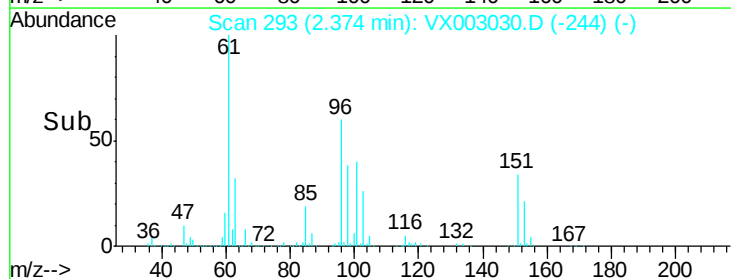
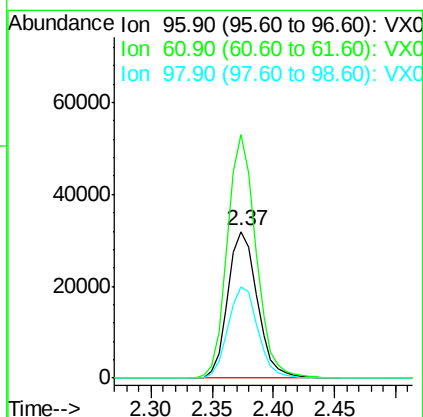
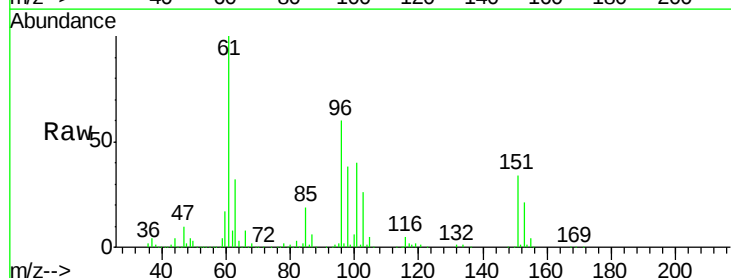
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 59 Resp: 73233
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.37 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion: 96 Resp: 53364
Ion Ratio Lower Upper
96 100
61 166.2 137.9 206.9
98 62.8 51.6 77.4





#13

Acrolein

Concen: 93.53 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

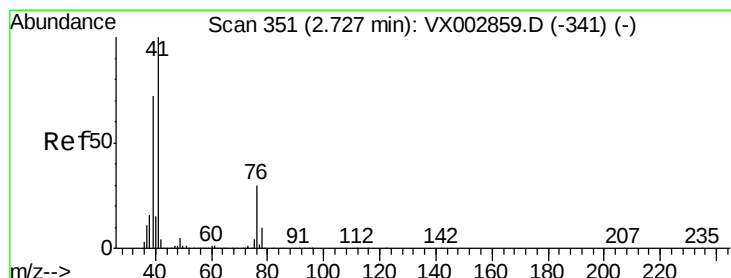
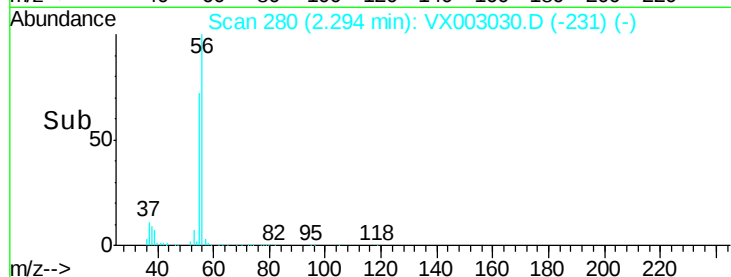
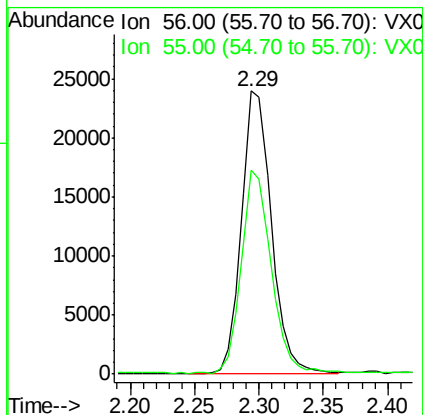
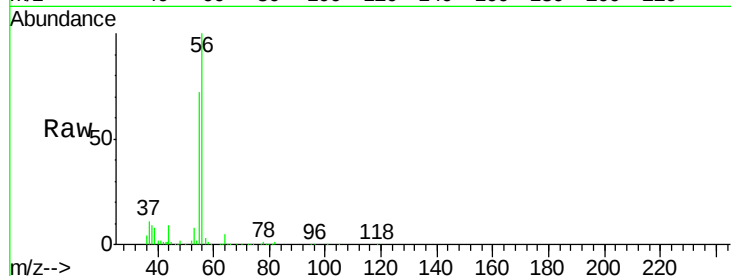
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 38743

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.4



#14

Allyl chloride

Concen: 18.84 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

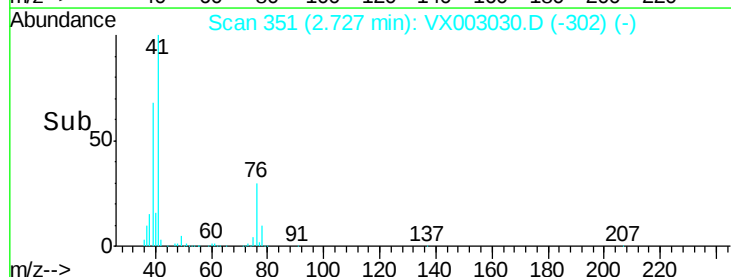
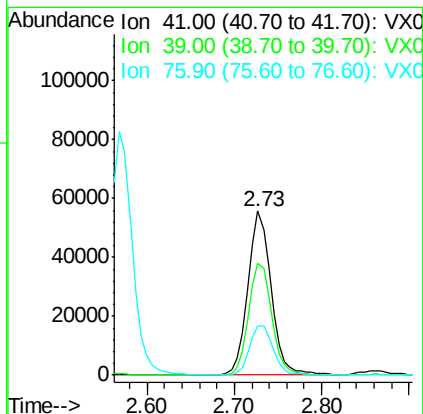
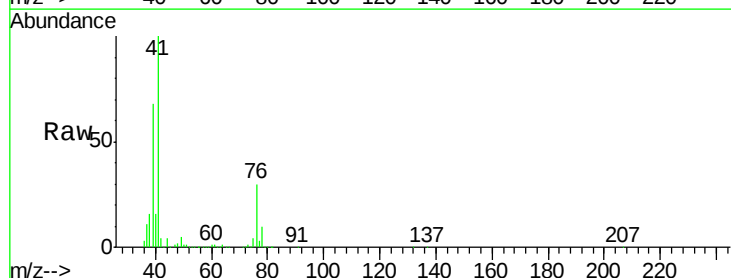
Tgt Ion: 41 Resp: 102331

Ion Ratio Lower Upper

41 100

39 67.8 56.8 85.2

76 30.4 23.8 35.8





#15

Acrylonitrile

Concen: 99.92 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :
MSVOA_X
ClientSampleId :

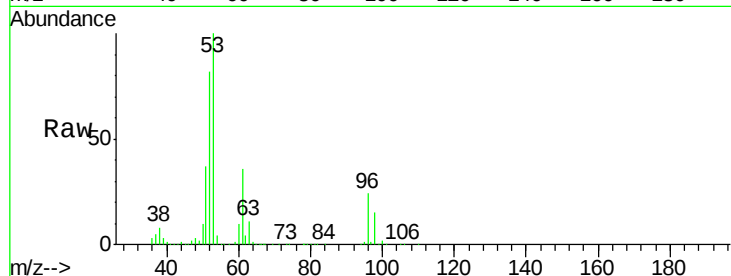
Tot Ion: 53 Resp: 164194

Ion Ratio Lower Upper

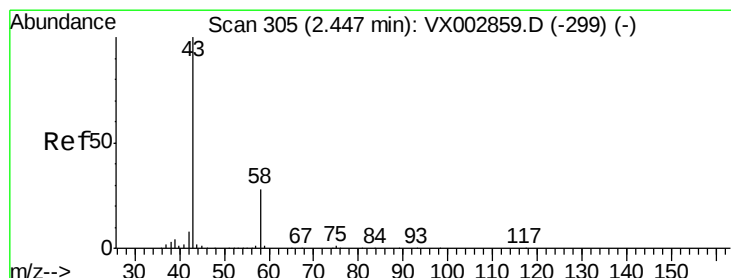
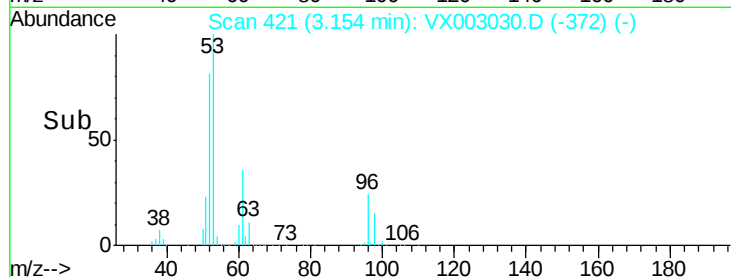
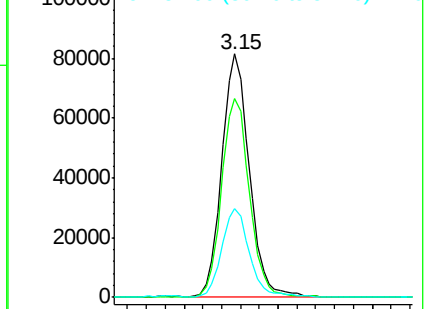
53 100

52 83.1 66.7 100.1

51 37.1 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: 104.20 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003030.D

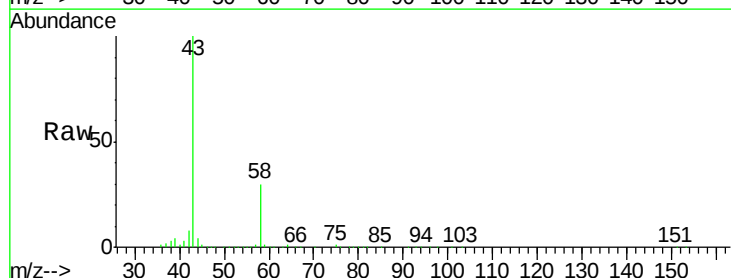
Acq: 29 Jun 2018 15:51

Tgt Ion: 43 Resp: 166643

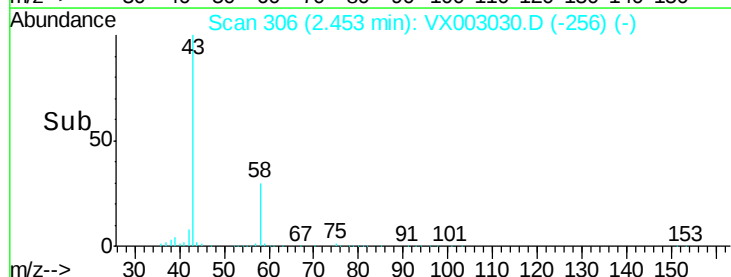
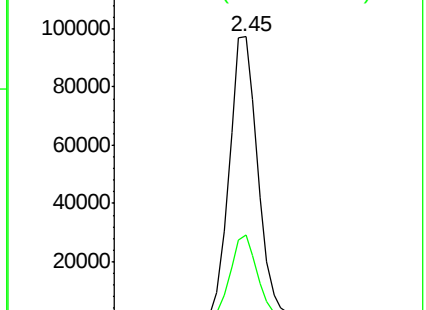
Ion Ratio Lower Upper

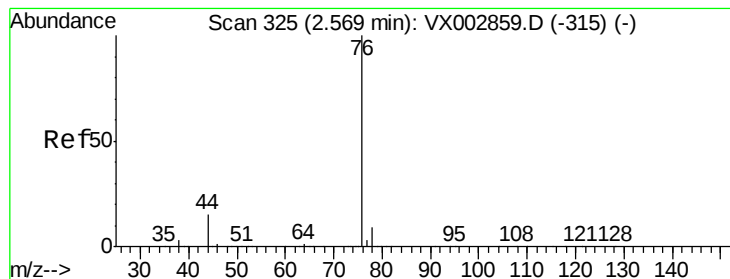
43 100

58 29.9 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: 19.45 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

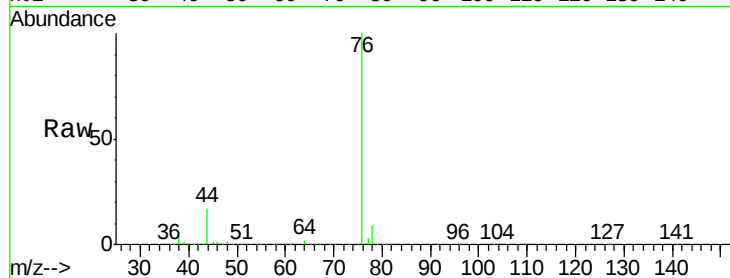
ClientSampleId :

Tot Ion: 76 Resp: 142829

Ion Ratio Lower Upper

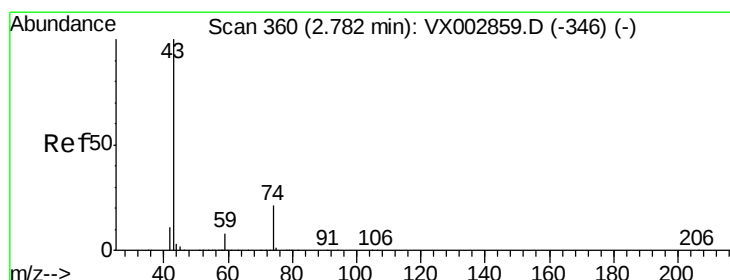
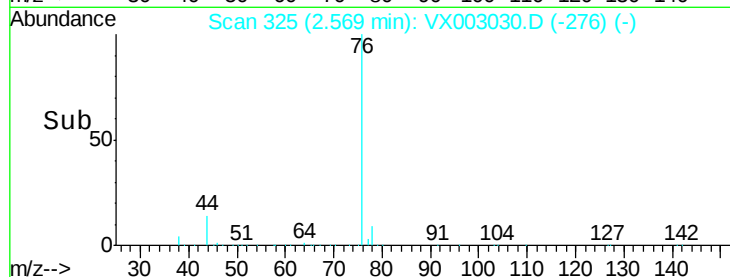
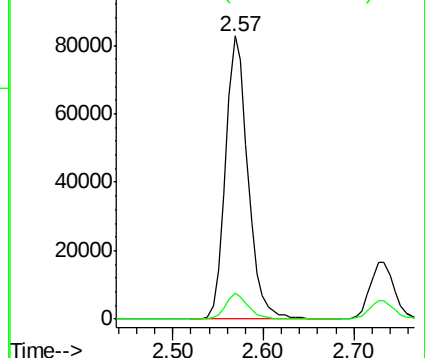
76 100

78 9.0 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.83 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003030.D

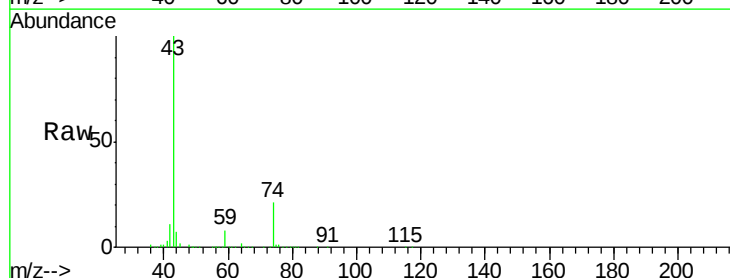
Acq: 29 Jun 2018 15:51

Tgt Ion: 43 Resp: 79727

Ion Ratio Lower Upper

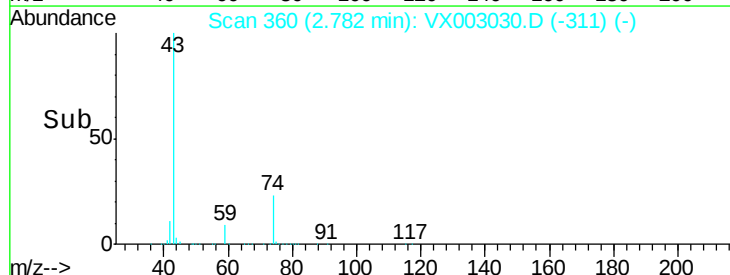
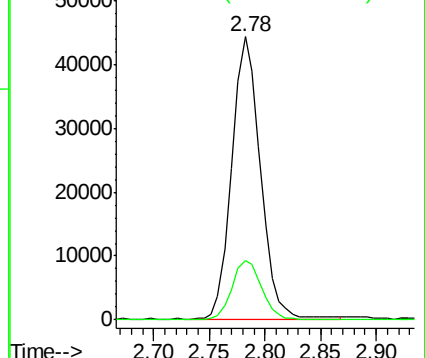
43 100

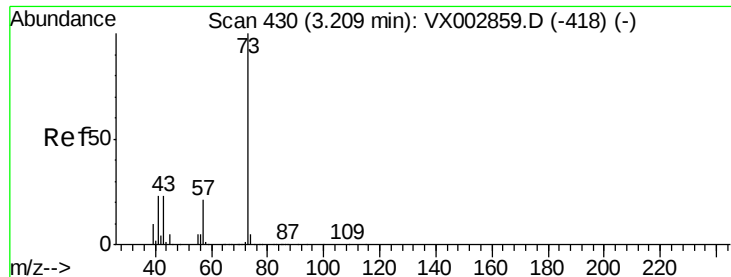
74 21.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

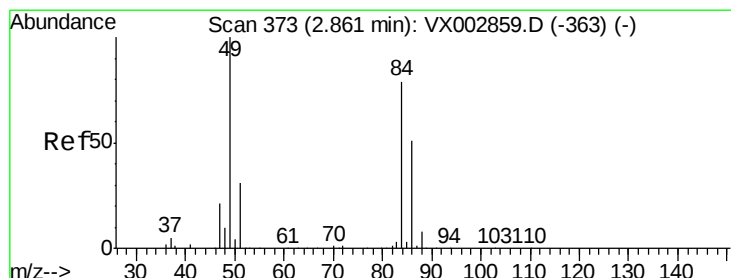
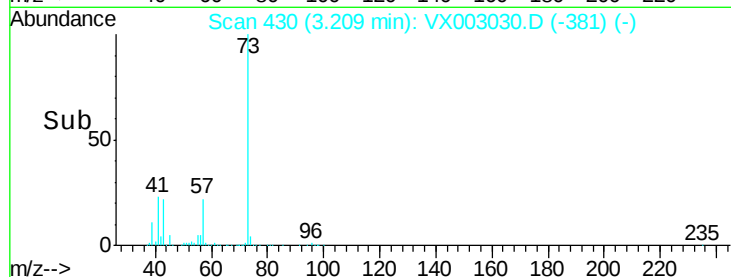
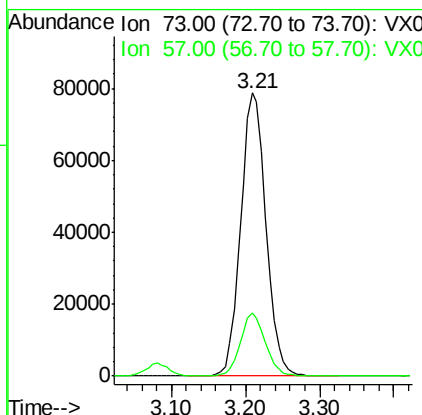
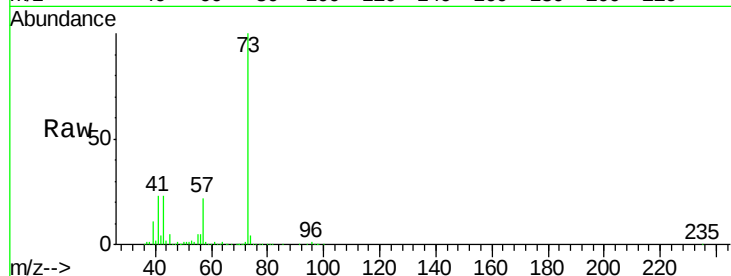




#19
Methyl tert-butyl Ether
Concen: 18.92 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

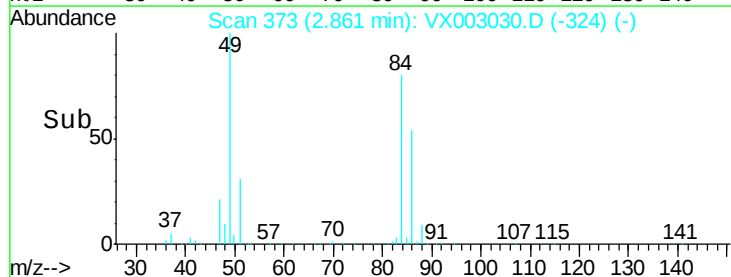
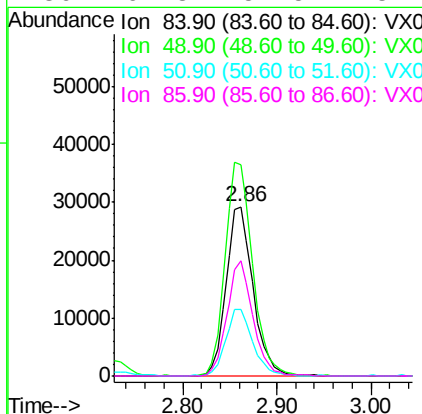
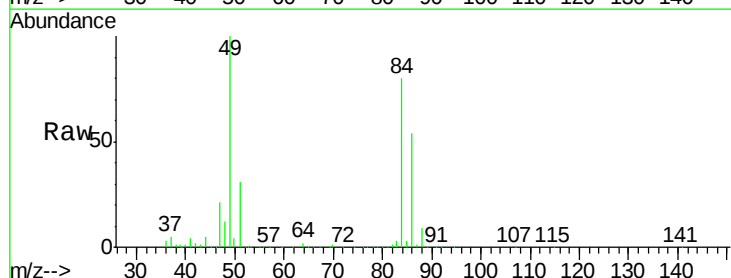
Instrument :
MSVOA_X
ClientSampled :

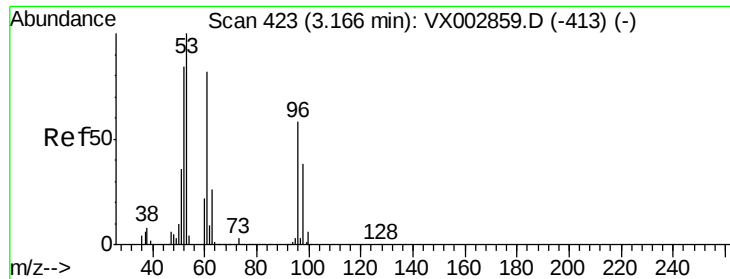
Tot Ion: 73 Resp: 187430
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 18.65 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion: 84 Resp: 58034
Ion Ratio Lower Upper
84 100
49 124.7 107.8 161.6
51 38.8 32.8 49.2
86 67.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.75 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

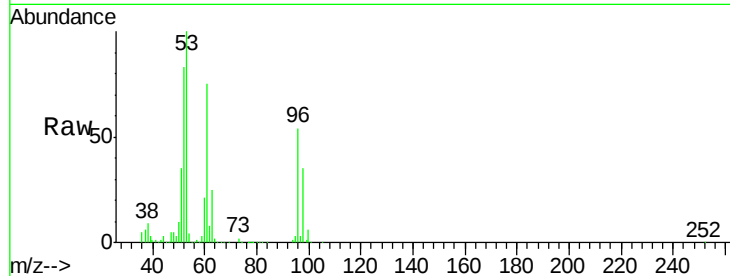
Tot Ion: 96 Resp: 56260

Ion Ratio Lower Upper

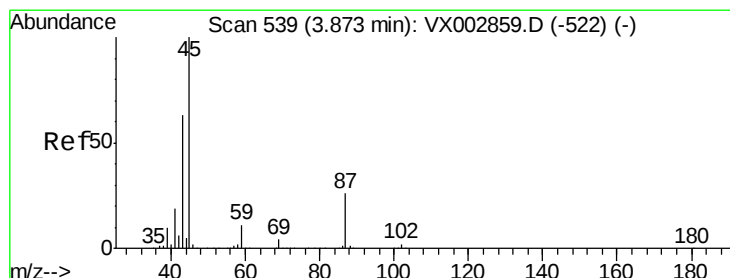
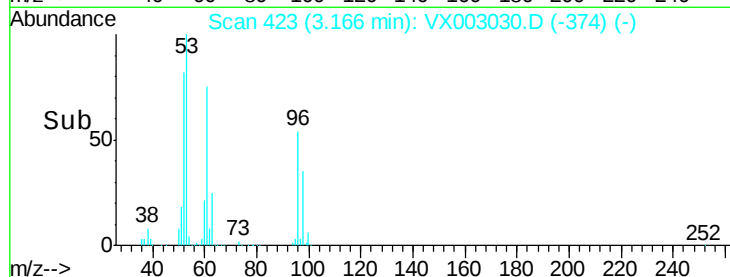
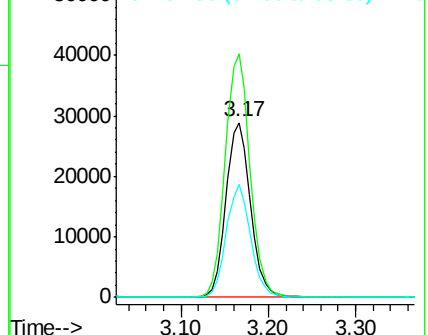
96 100

61 139.2 117.0 175.4

98 64.4 52.4 78.6



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



#22

Diisopropyl ether

Concen: 19.22 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Tgt Ion: 45 Resp: 199575

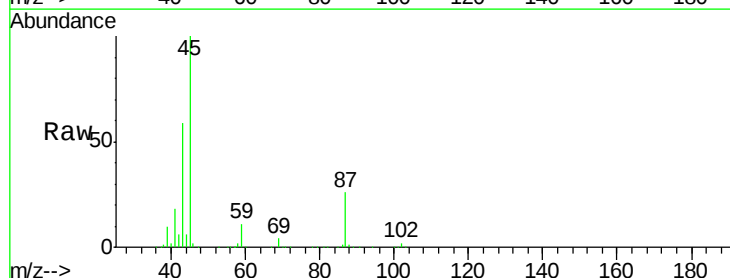
Ion Ratio Lower Upper

45 100

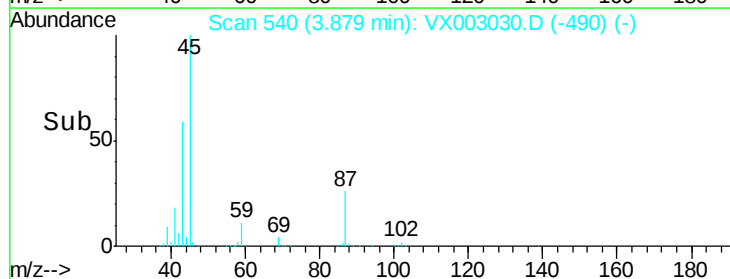
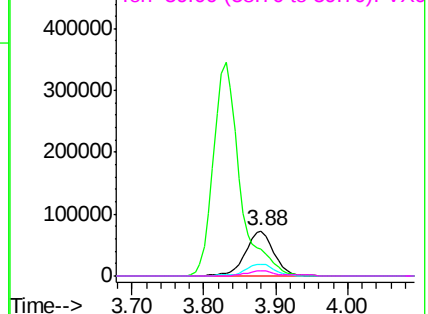
43 59.1 46.8 70.2

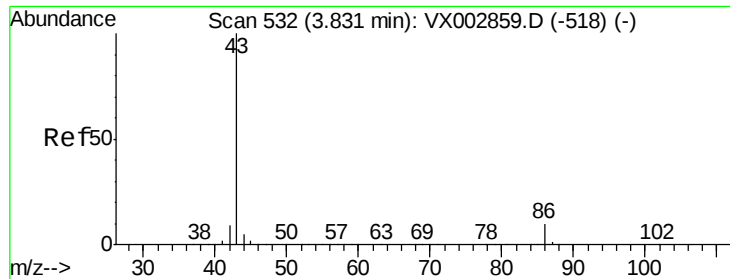
87 25.7 20.2 30.4

59 10.7 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: 100.65 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

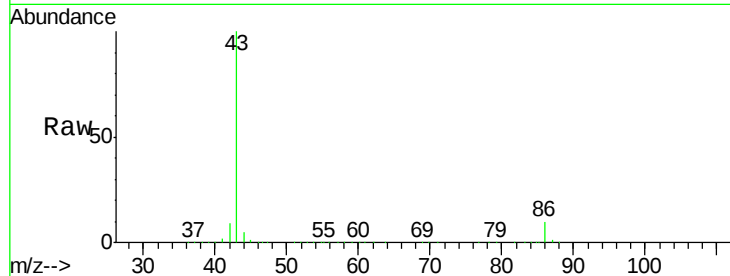
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 884877

Ion Ratio Lower Upper

43 100

86 9.6 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

400000

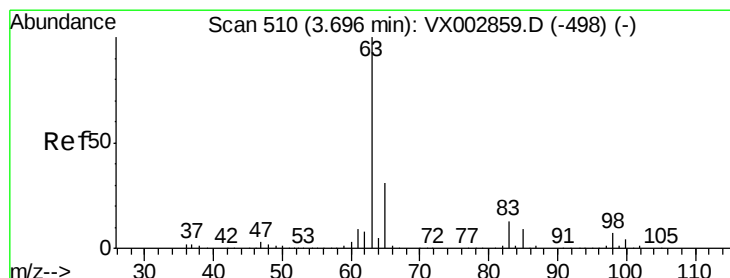
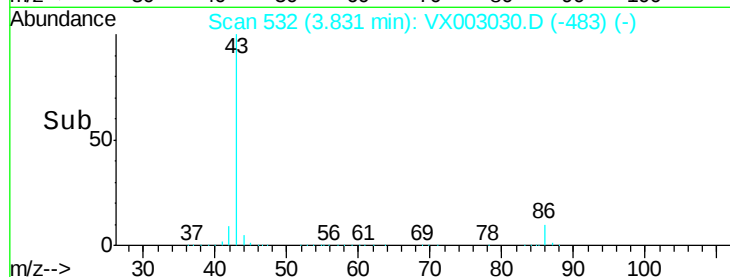
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.95 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

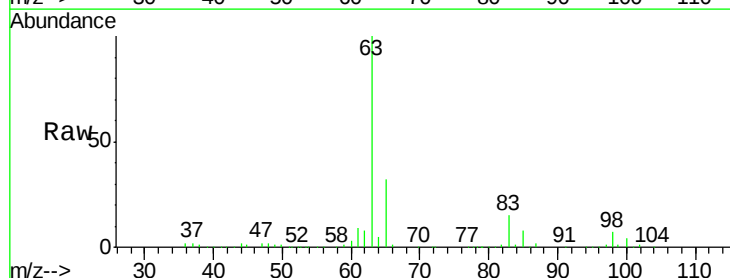
Tgt Ion: 63 Resp: 106924

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.2 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

60000

50000

40000

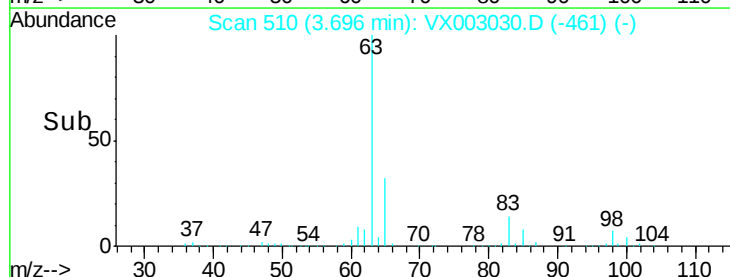
30000

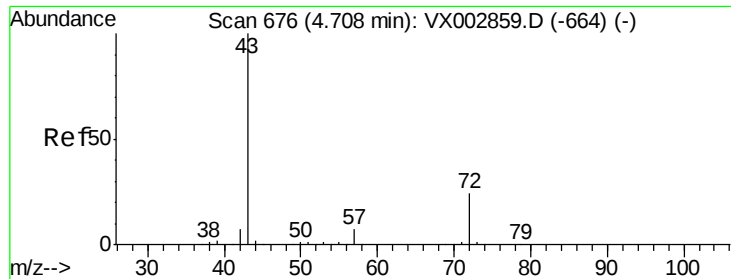
20000

10000

0

Time-->





#25

2-Butanone

Concen: 105.52 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

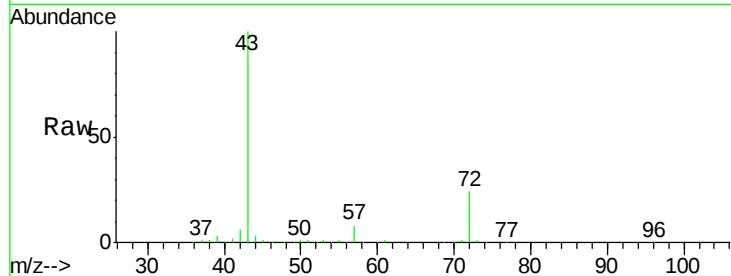
ClientSampled :

Tot Ion: 43 Resp: 250452

Ion Ratio Lower Upper

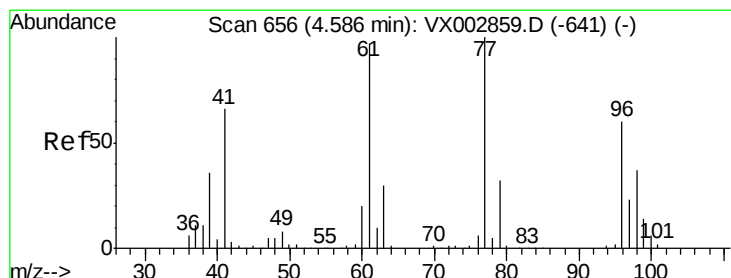
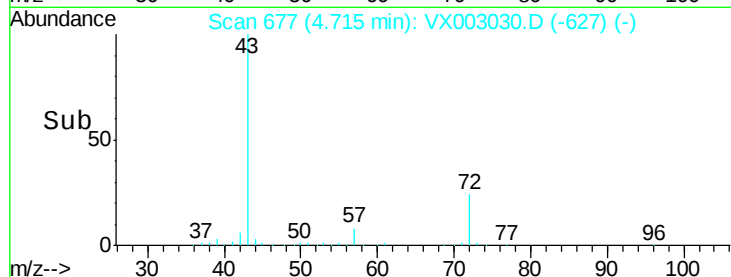
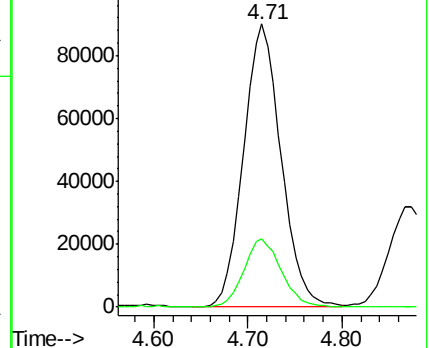
43 100

72 24.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.69 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003030.D

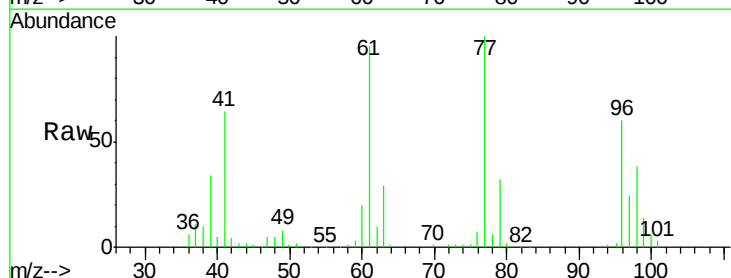
Acq: 29 Jun 2018 15:51

Tgt Ion: 77 Resp: 85786

Ion Ratio Lower Upper

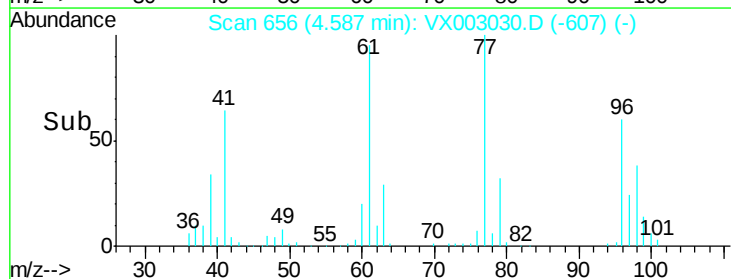
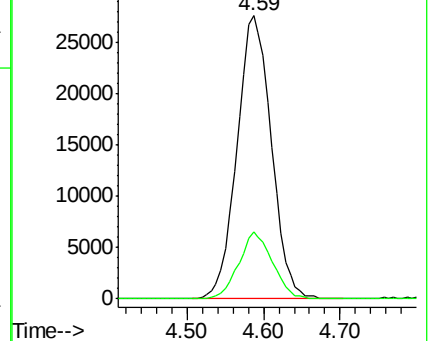
77 100

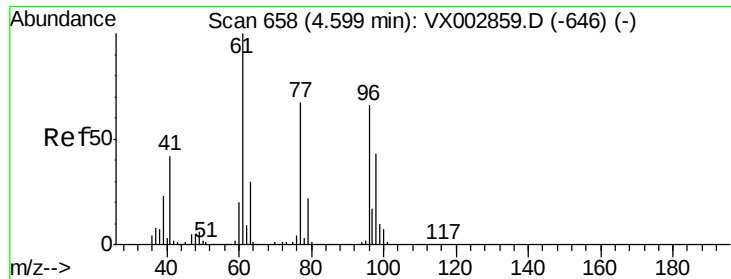
97 23.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



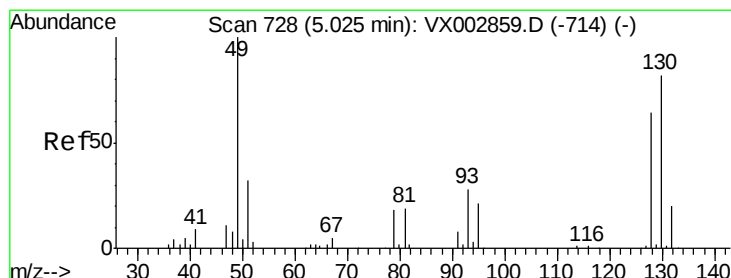
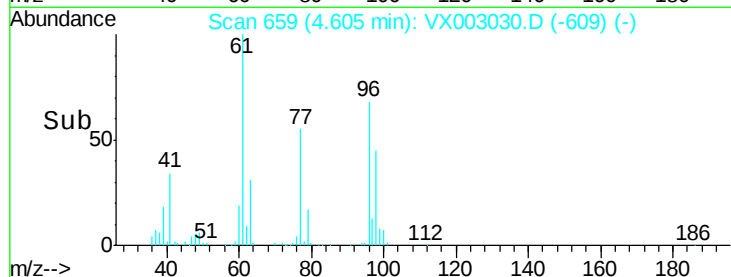
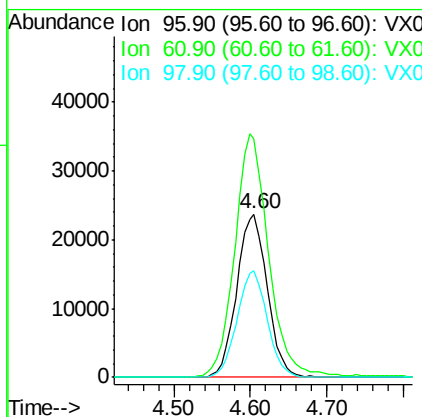
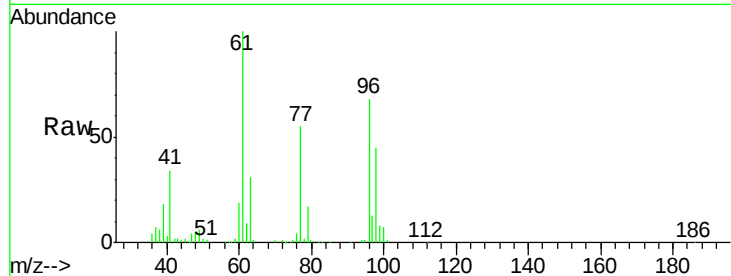


#27

cis-1,2-Dichloroethene
Concen: 19.52 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Instrument :
MSVOA_X
ClientSampleId :

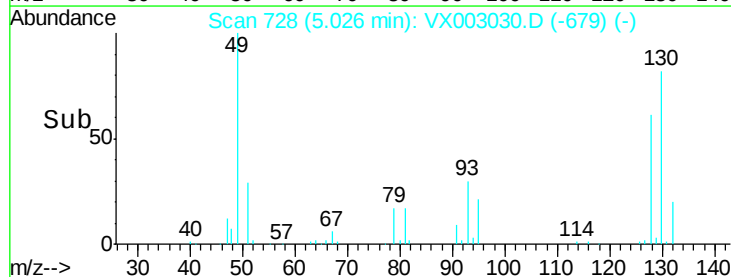
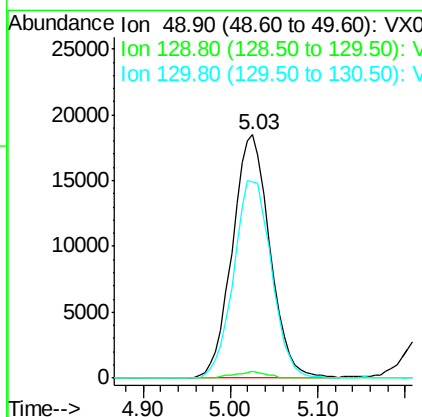
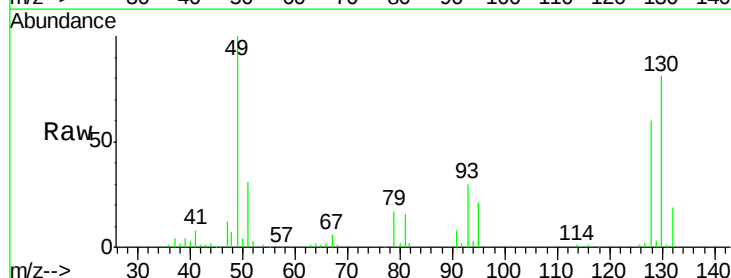
Tot Ion	Ratio	Lower	Upper
96	100		
61	166.2	0.0	330.2
98	64.7	0.0	130.2

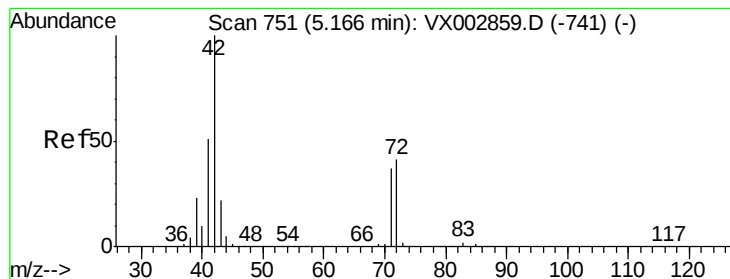


#28

Bromochloromethane
Concen: 20.46 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	81.8	61.2	91.8





#29

Tetrahydrofuran

Concen: 101.88 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

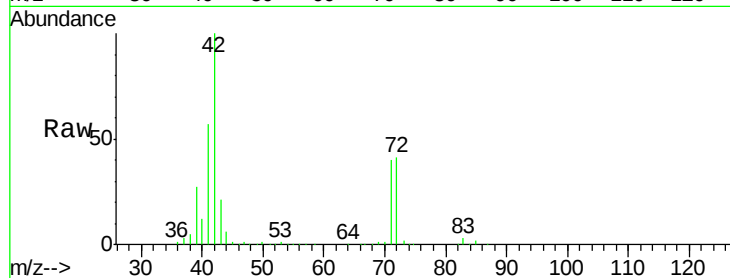
Tot Ion: 42 Resp: 155063

Ion Ratio Lower Upper

42 100

72 41.8 32.0 48.0

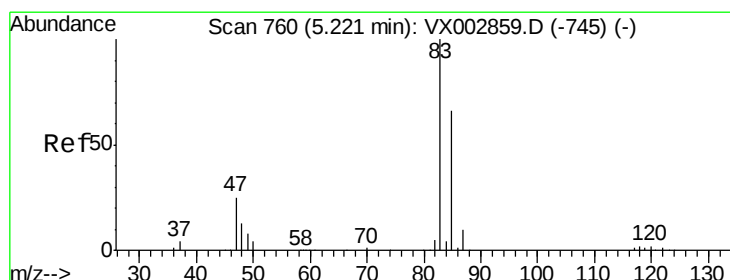
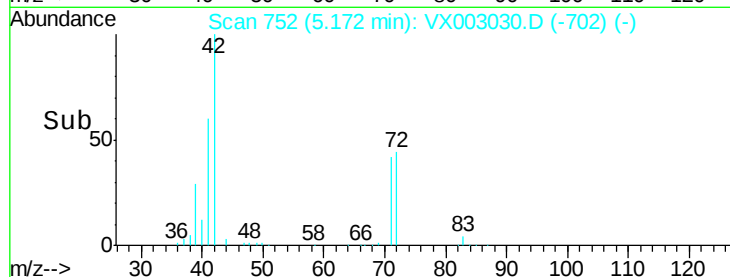
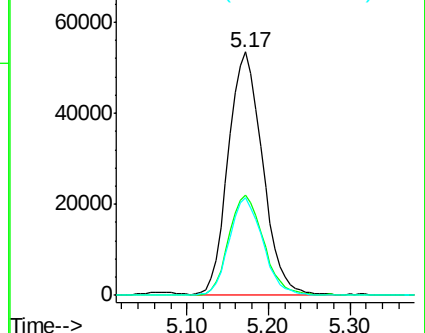
71 39.5 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.41 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003030.D

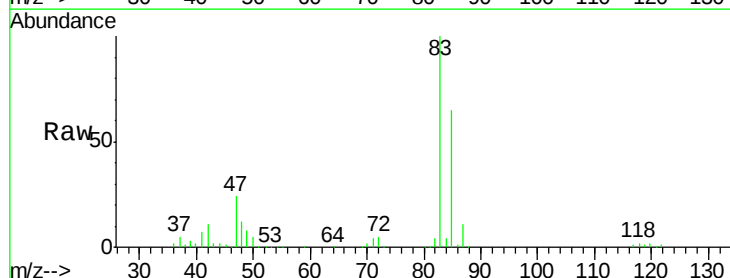
Acq: 29 Jun 2018 15:51

Tgt Ion: 83 Resp: 112427

Ion Ratio Lower Upper

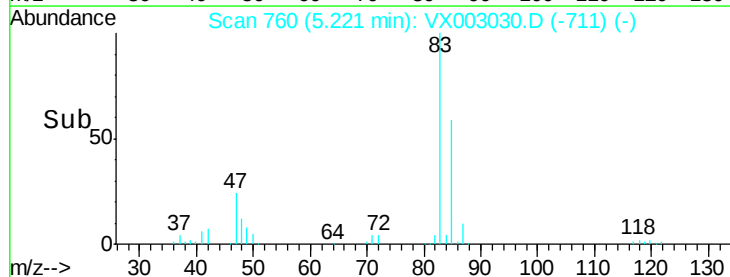
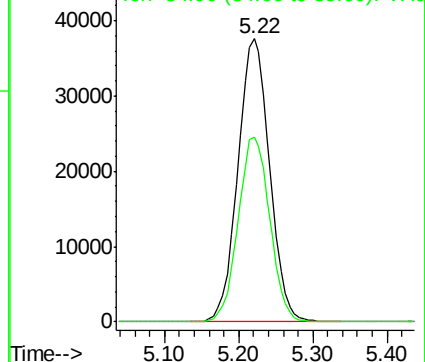
83 100

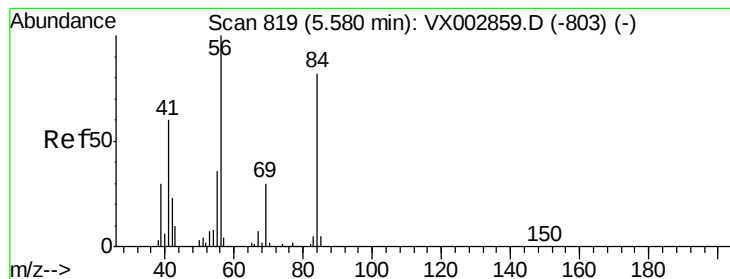
85 65.2 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.13 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampled :

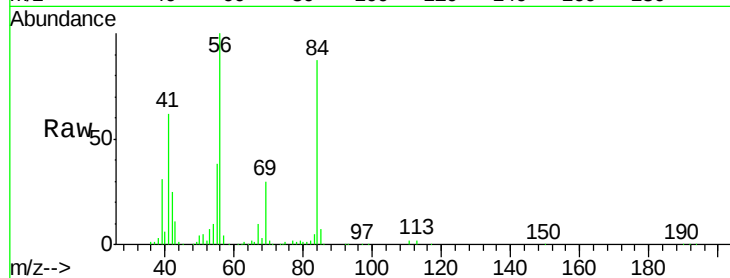
Tot Ion: 56 Resp: 92658

Ion Ratio Lower Upper

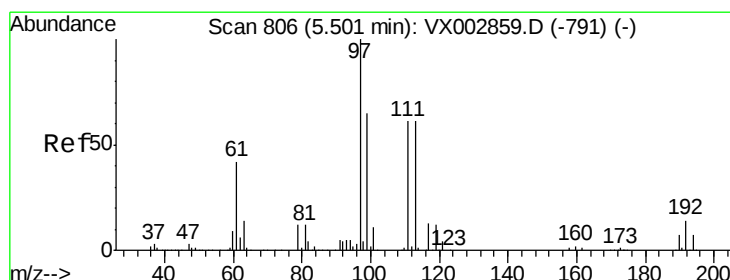
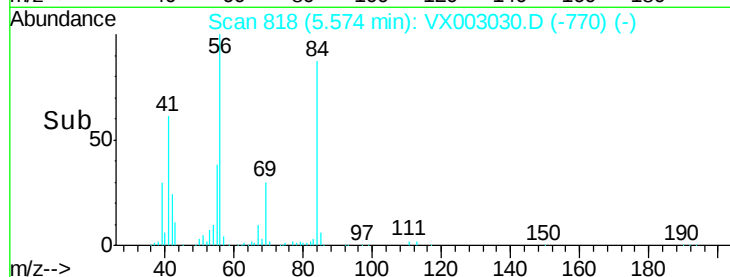
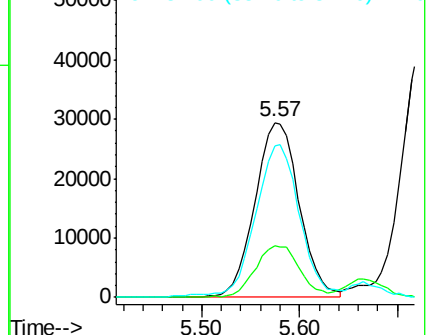
56 100

69 29.8 23.7 35.5

84 85.2 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: 19.33 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

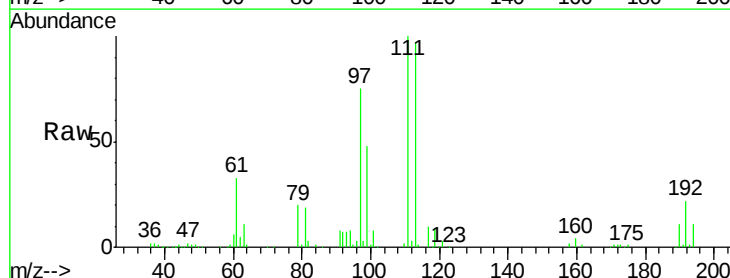
Tgt Ion: 97 Resp: 98479

Ion Ratio Lower Upper

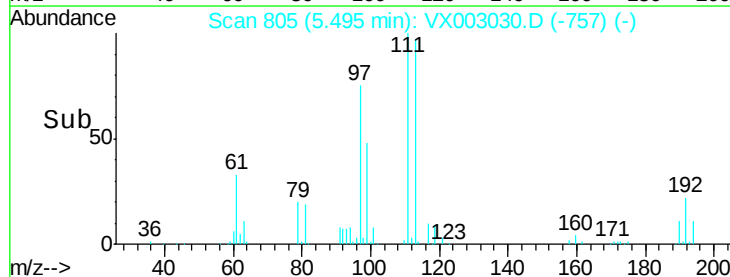
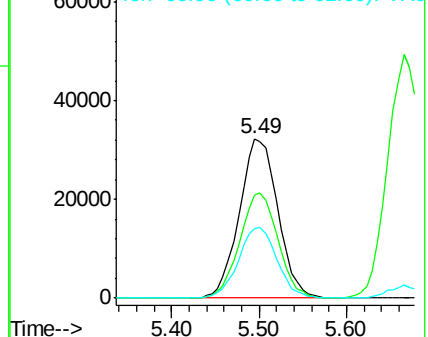
97 100

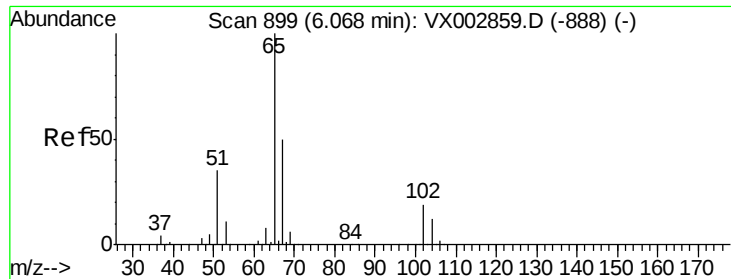
99 65.7 51.6 77.4

61 44.8 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

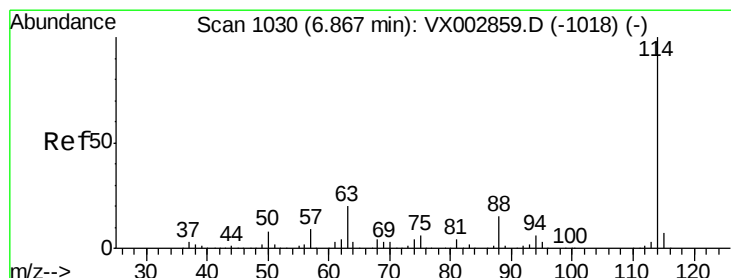
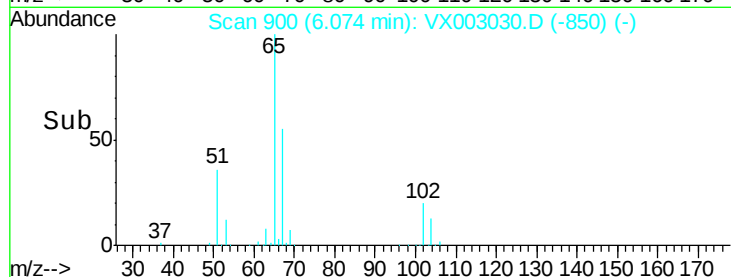
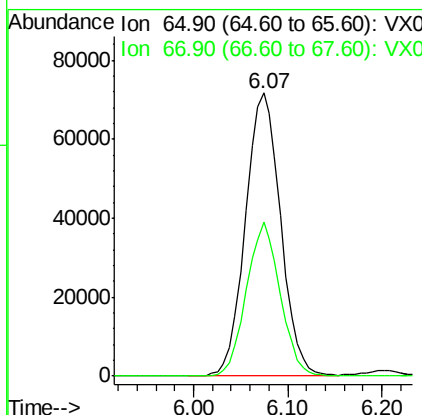
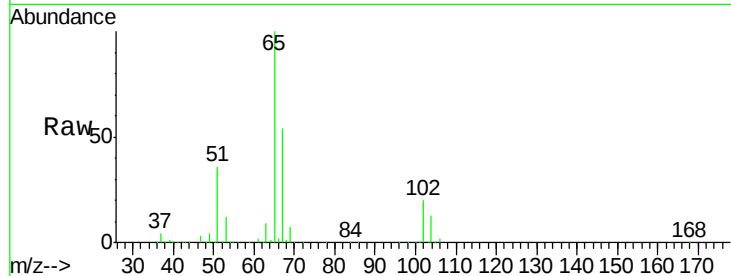




#33
 1,2-Dichloroethane-d4
 Concen: 48.71 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

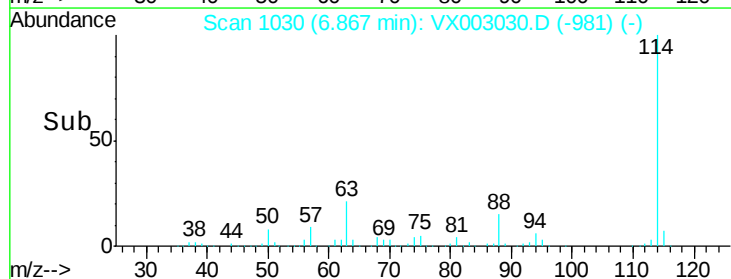
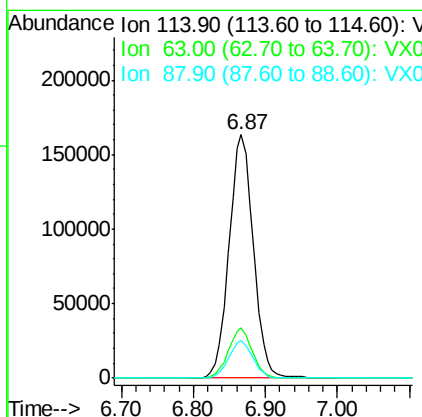
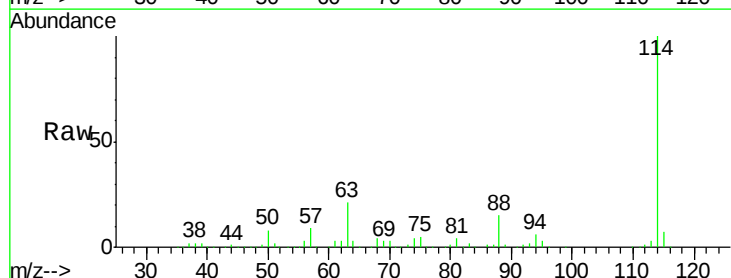
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 188120
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Tgt Ion: 114 Resp: 384208
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.2 0.0 30.0

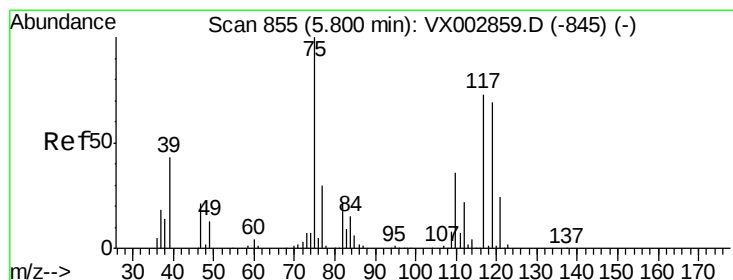
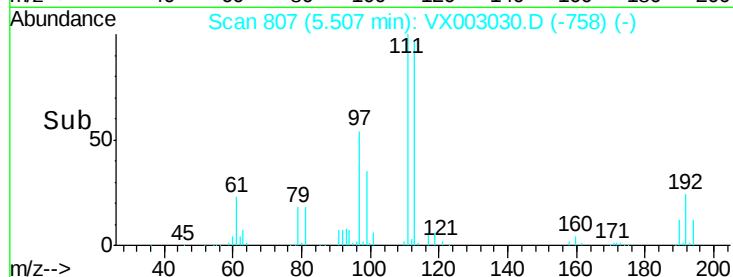
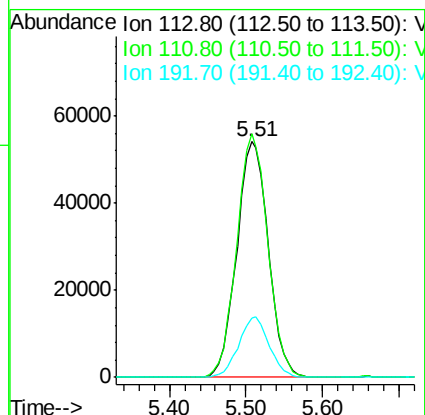
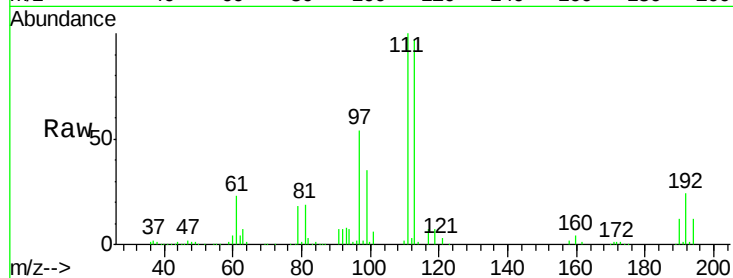




#35
 Dibromofluoromethane
 Concen: 50.84 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

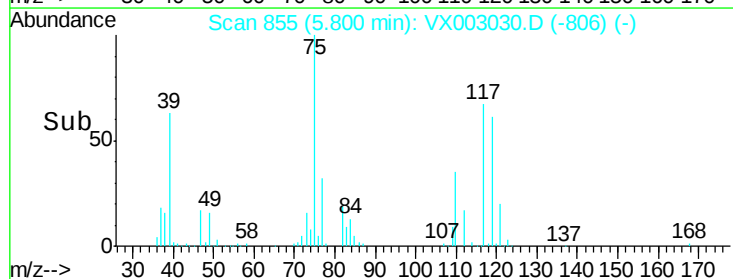
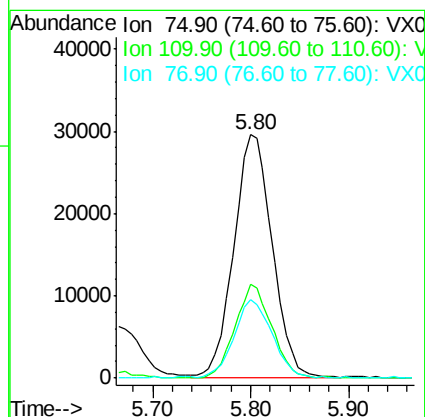
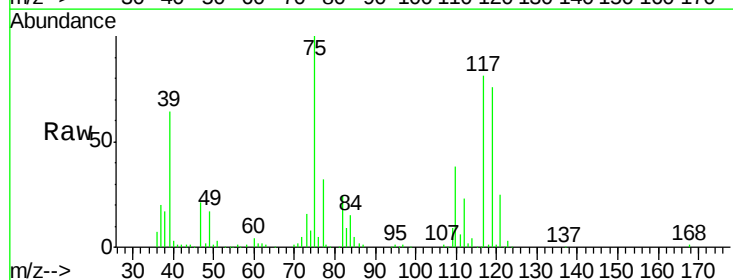
Instrument :
 MSVOA_X
 ClientSampleId :

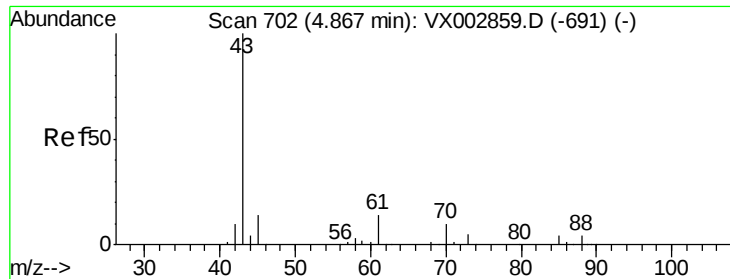
Tot Ion:113 Resp: 154679
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.0
 192 24.7 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 18.98 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Tgt Ion: 75 Resp: 79970
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.1 54.4
 77 32.7 24.3 36.5

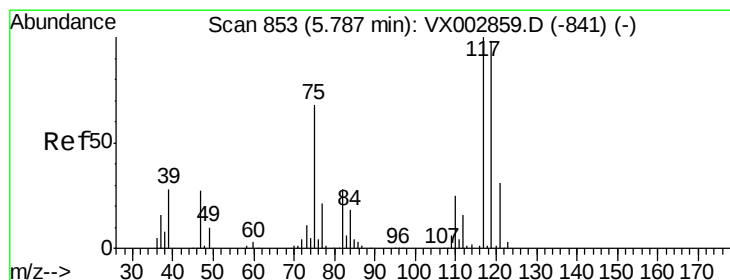
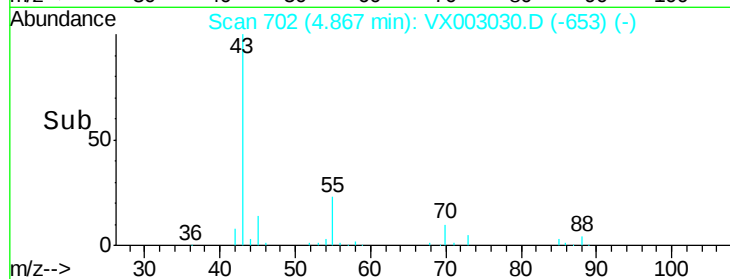
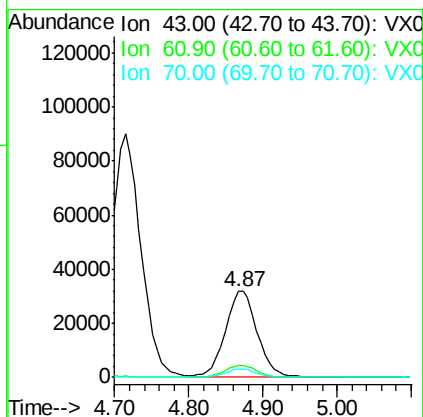
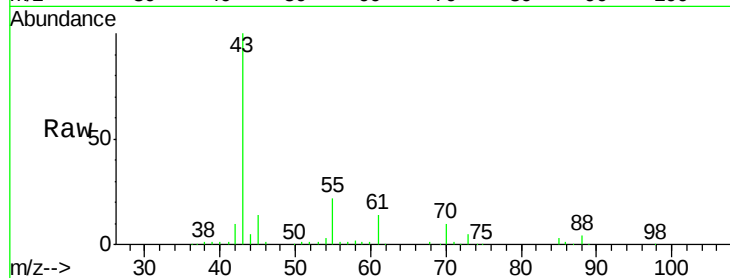




#37
Ethyl Acetate
Concen: 20.80 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

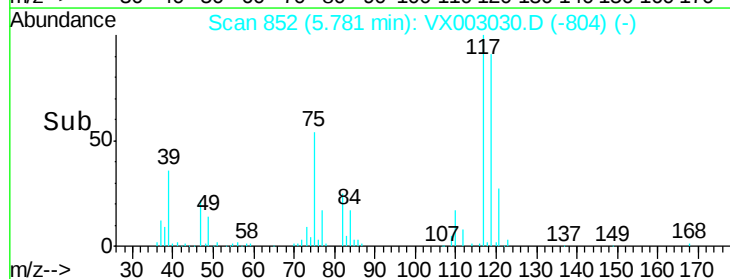
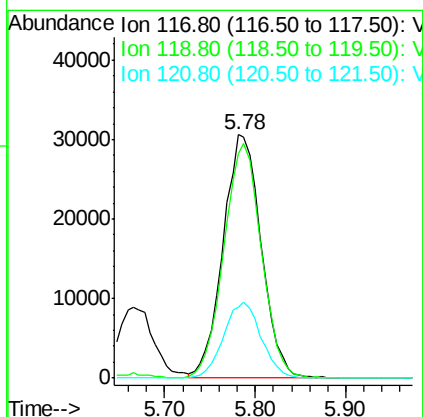
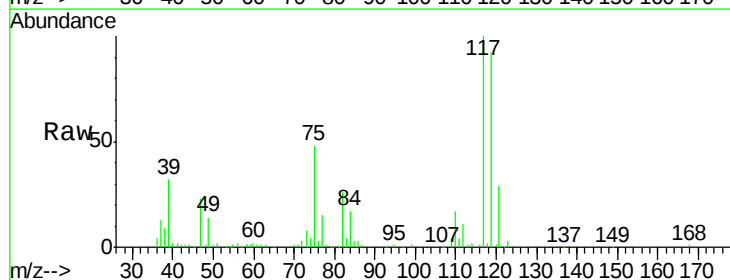
Instrument :
MSVOA_X
ClientSampled :

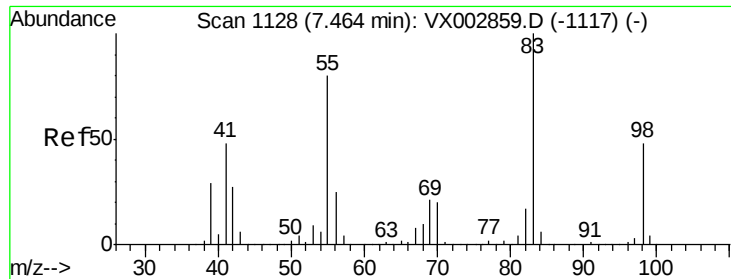
Tot Ion: 43 Resp: 94359
Ion Ratio Lower Upper
43 100
61 13.1 10.4 15.6
70 10.0 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.36 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion: 117 Resp: 89504
Ion Ratio Lower Upper
117 100
119 92.2 77.4 116.0
121 28.9 24.4 36.6

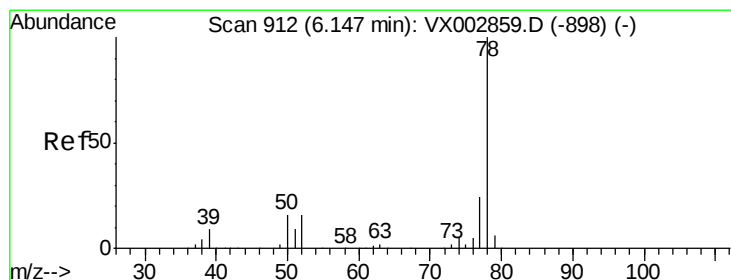
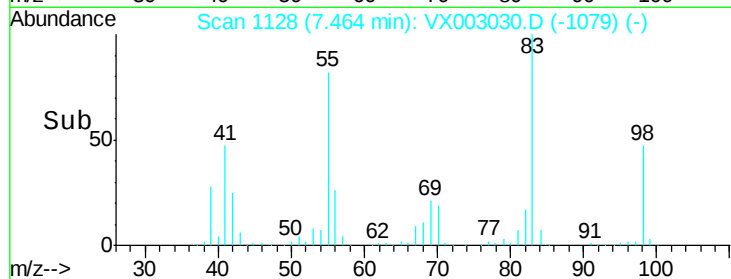
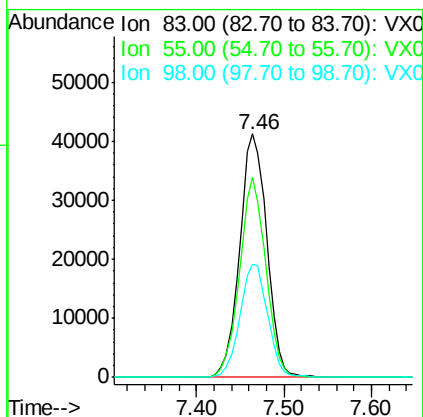
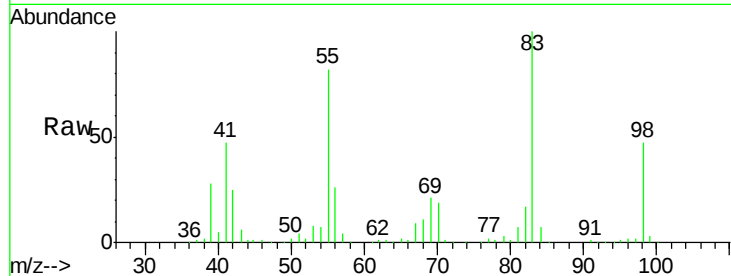




#39
Methvlcvclohexane
Concen: 18.15 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

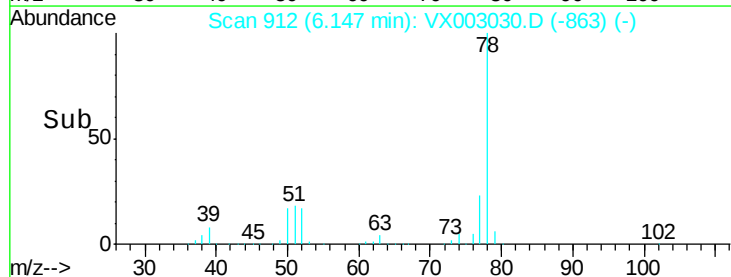
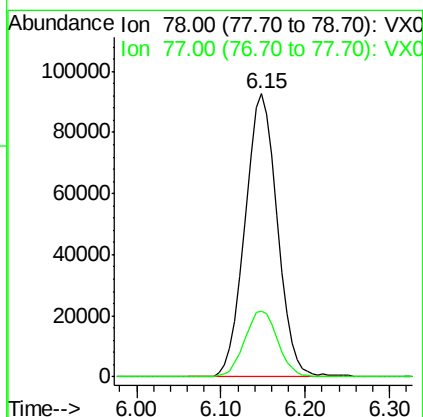
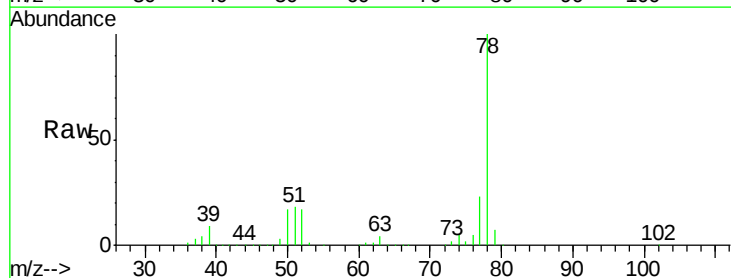
Instrument :
MSVOA_X
ClientSampled :

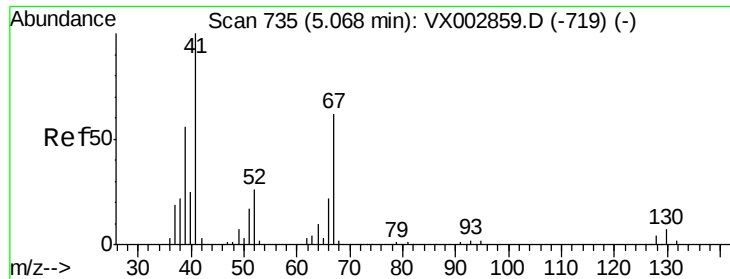
Tot Ion: 83 Resp: 89082
Ion Ratio Lower Upper
83 100
55 82.3 65.4 98.0
98 46.6 37.4 56.0



#40
Benzene
Concen: 19.80 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion: 78 Resp: 242408
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7

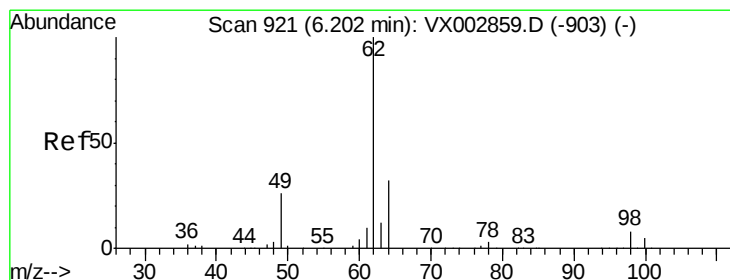
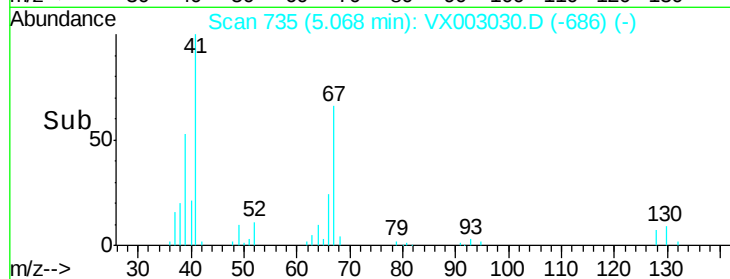
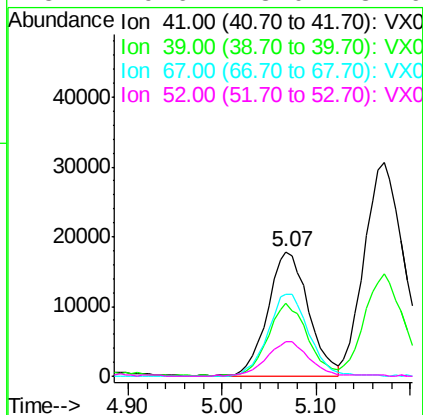
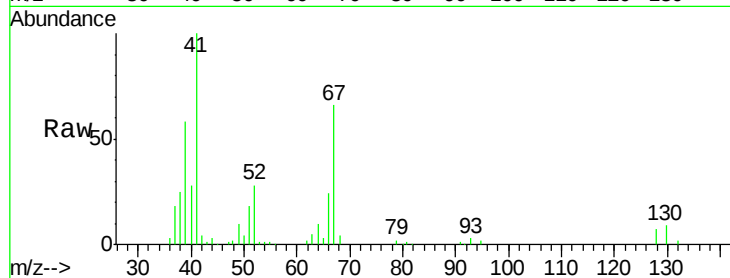




#41
Methacrylonitrile
Concen: 20.37 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

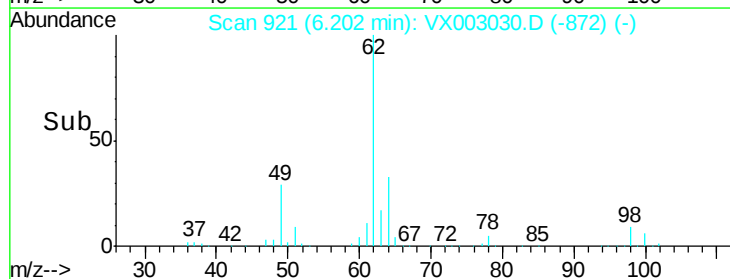
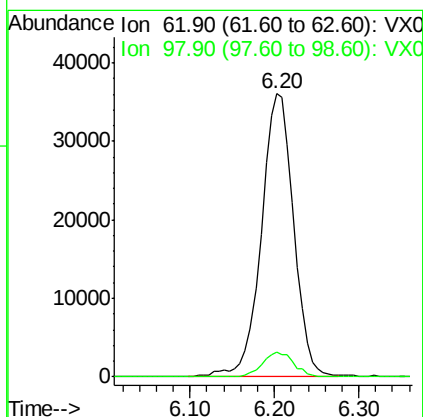
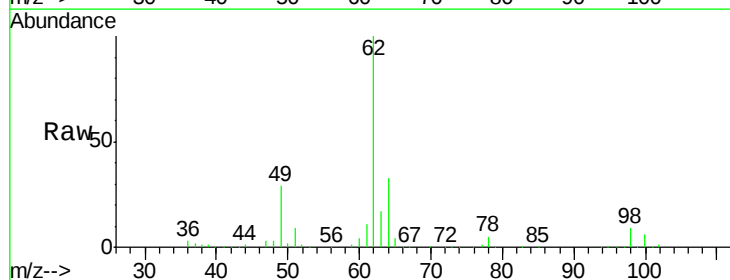
Instrument :
MSVOA_X
ClientSampleId :

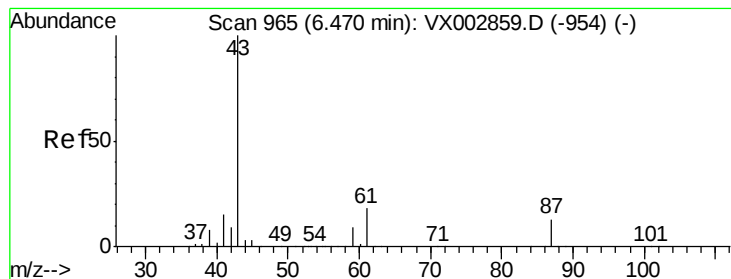
Tot Ion:	41	Resp:	53216
Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.8	68.6
67	66.7	51.3	76.9
52	29.6	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.28 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion:	62	Resp:	95332
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.25 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

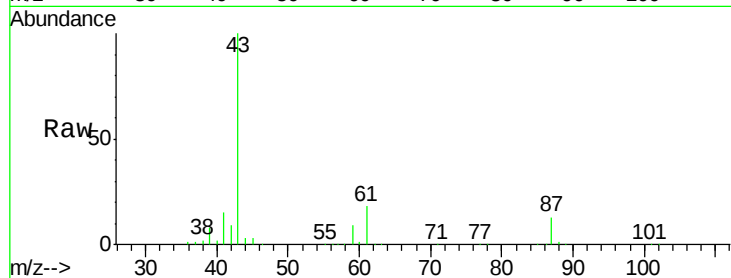
Tot Ion: 43 Resp: 146479

Ion Ratio Lower Upper

43 100

61 18.7 14.4 21.6

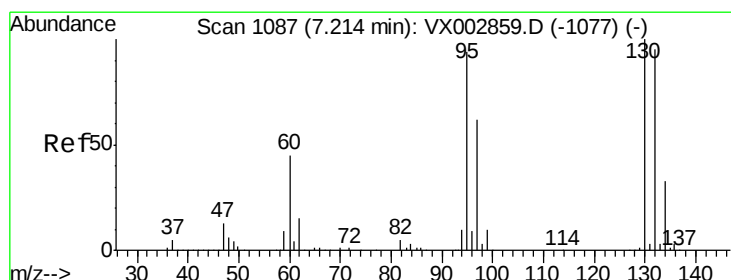
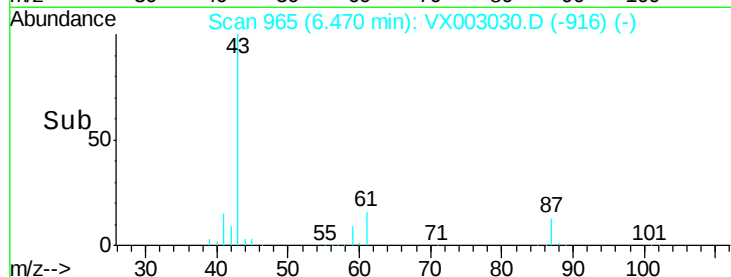
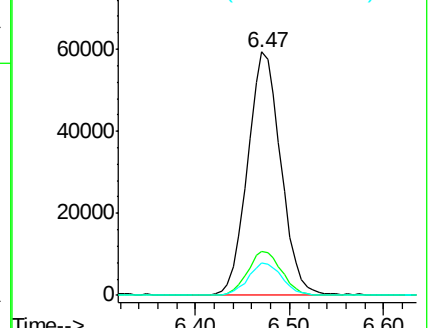
87 13.4 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX002859.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VX002859.D (-954) (-)

Ion 87.00 (86.70 to 87.70): VX002859.D (-954) (-)



#44

Trichloroethene

Concen: 19.54 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003030.D

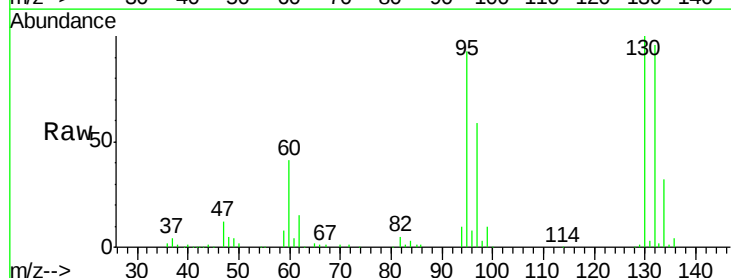
Acq: 29 Jun 2018 15:51

Tgt Ion:130 Resp: 71303

Ion Ratio Lower Upper

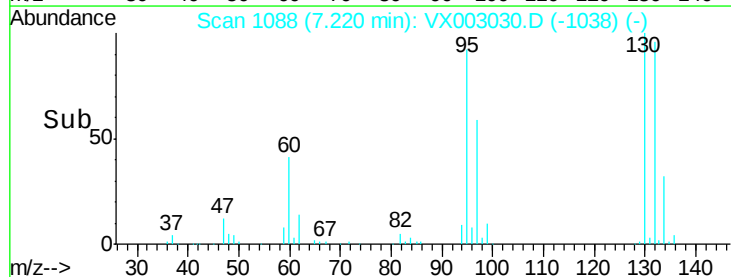
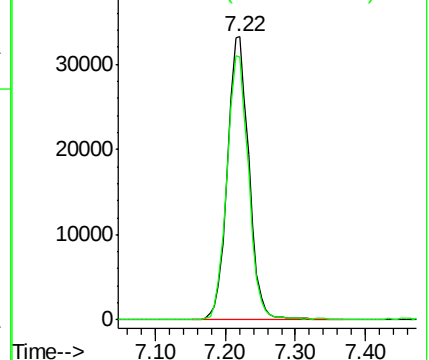
130 100

95 92.9 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX002859.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX002859.D (-1077) (-)





#45

1,2-Dichloropropane

Concen: 19.07 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

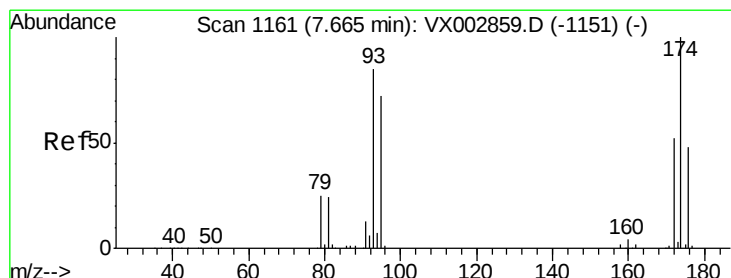
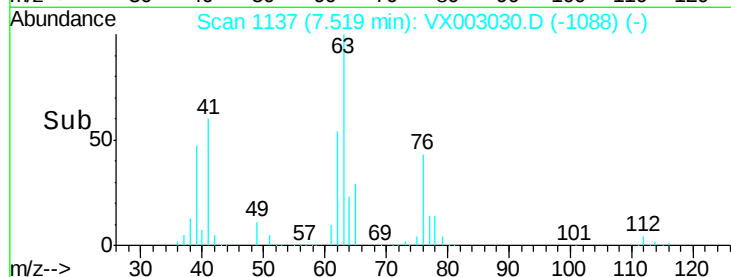
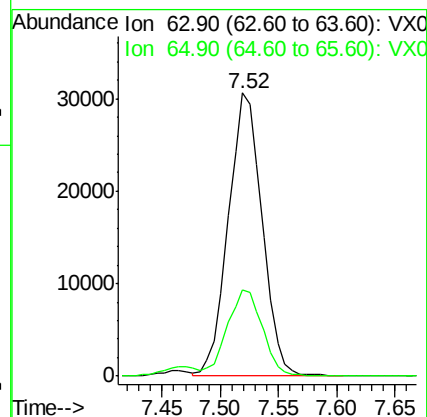
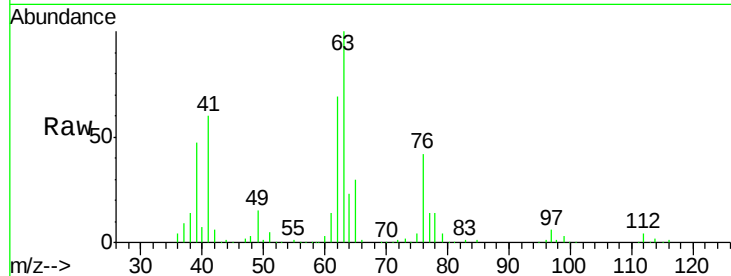
ClientSampleId :

Tot Ion: 63 Resp: 61935

Ion Ratio Lower Upper

63 100

65 30.5 24.7 37.1



#46

Dibromomethane

Concen: 19.12 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

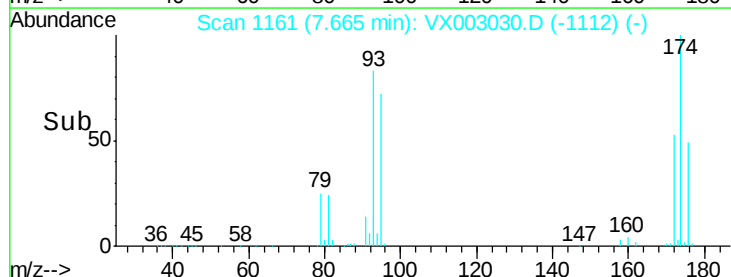
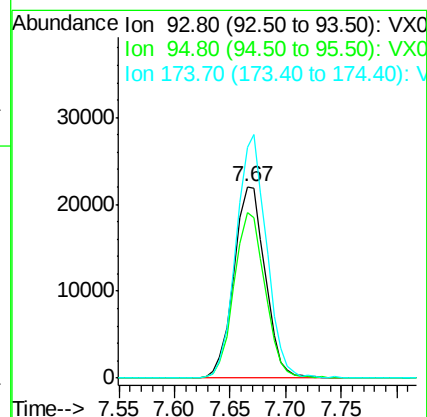
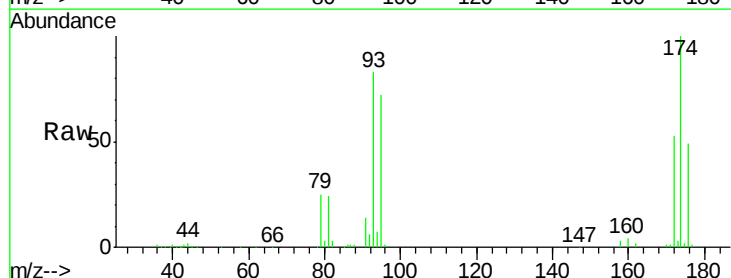
Tgt Ion: 93 Resp: 43090

Ion Ratio Lower Upper

93 100

95 85.7 65.9 98.9

174 122.9 92.4 138.6





#47

Bromodichloromethane

Concen: 19.11 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampled :

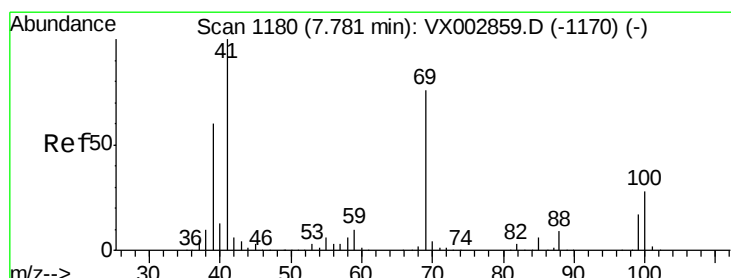
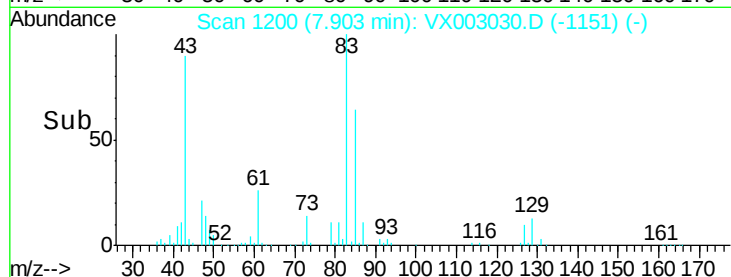
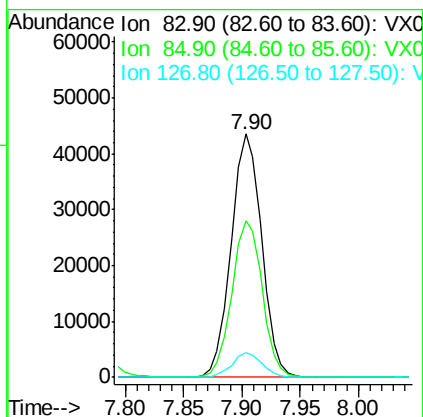
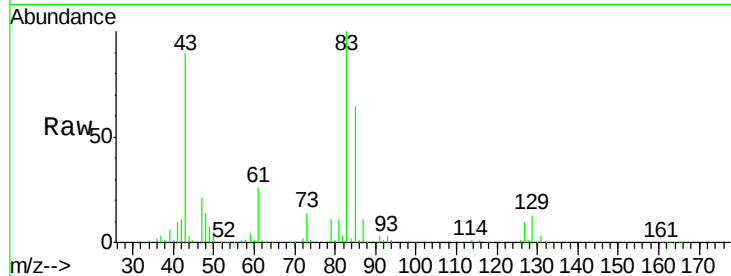
Tot Ion: 83 Resp: 79618

Ion Ratio Lower Upper

83 100

85 64.4 50.3 75.5

127 10.1 7.0 10.4



#48

Methyl methacrylate

Concen: 19.27 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

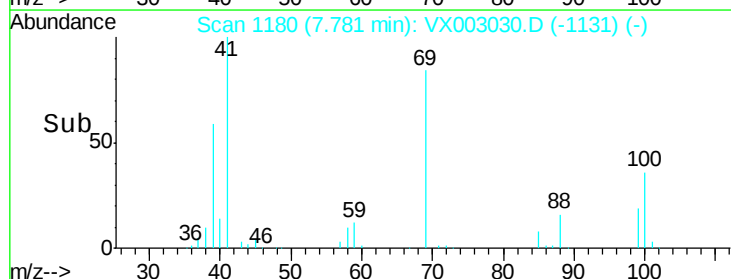
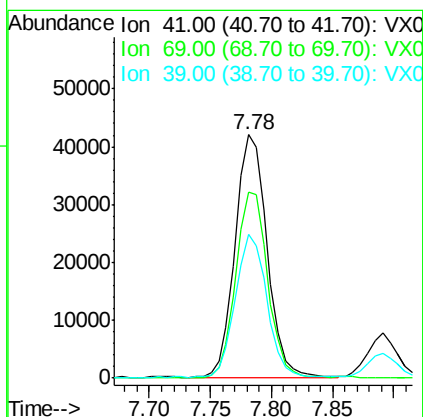
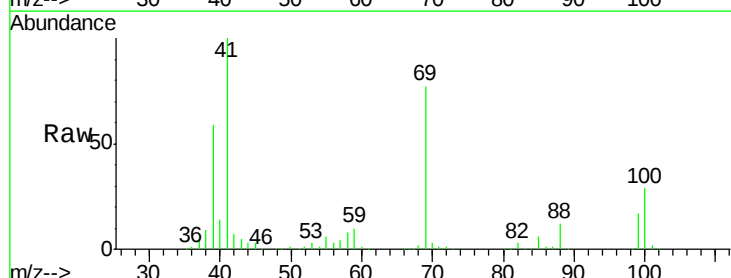
Tgt Ion: 41 Resp: 75558

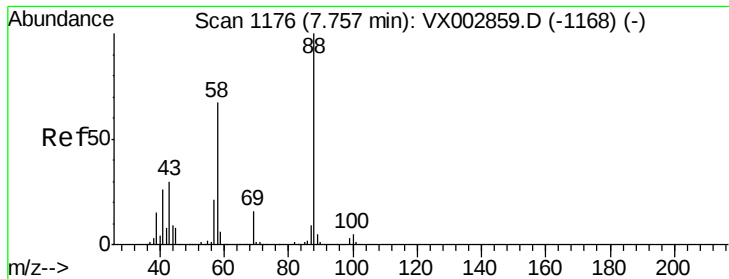
Ion Ratio Lower Upper

41 100

69 77.7 59.1 88.7

39 58.5 48.9 73.3

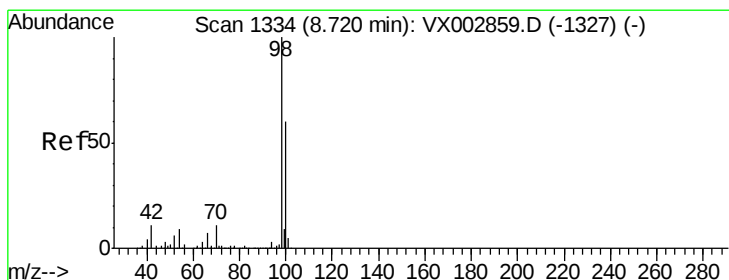
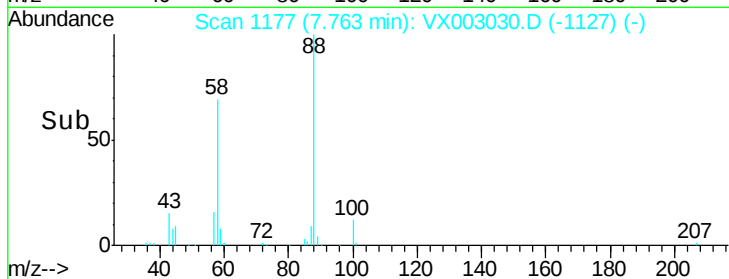
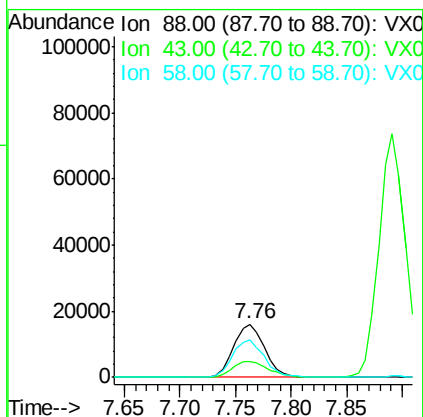
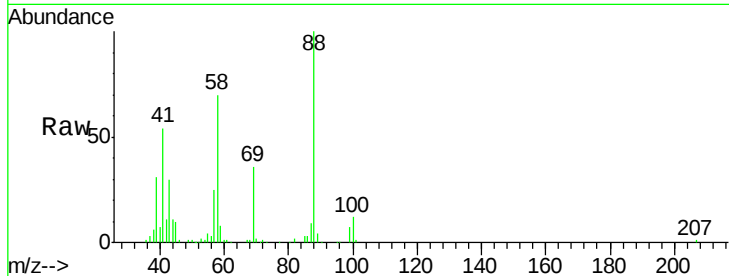




#49
 1,4-Dioxane
 Concen: 410.10 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

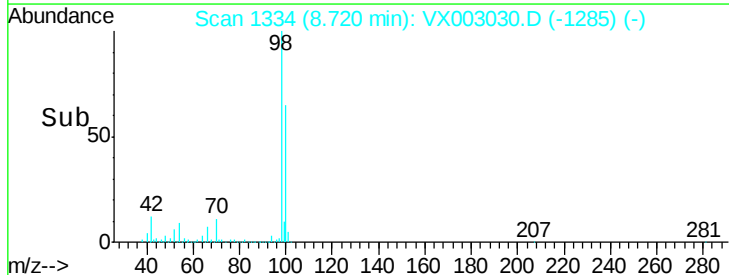
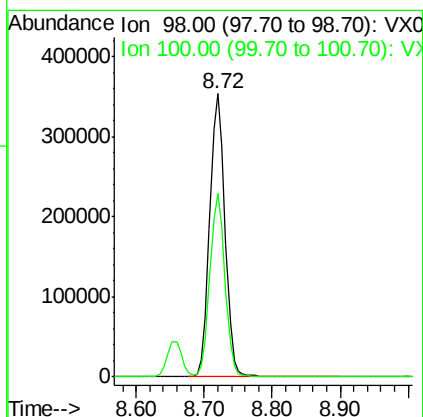
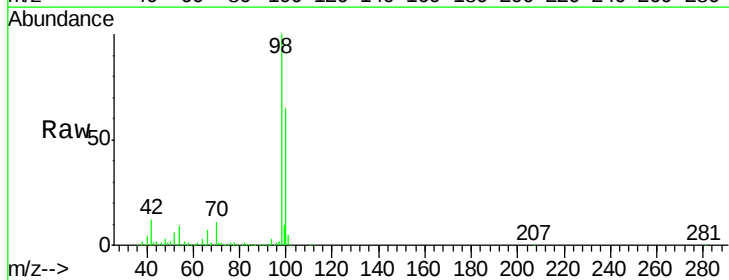
Instrument :
 MSVOA_X
 ClientSampleId :

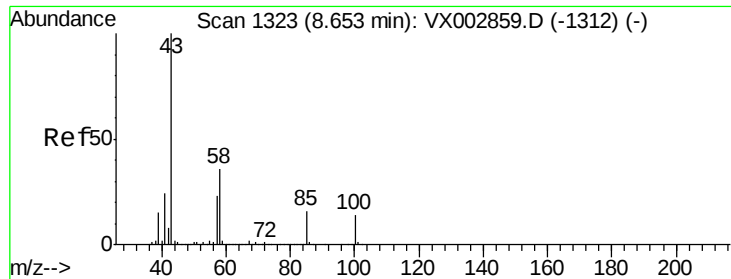
Tot Ion: 88 Resp: 31279
 Ion Ratio Lower Upper
 88 100
 43 37.5 29.8 44.6
 58 70.9 57.1 85.7



#50
 Toluene-d8
 Concen: 49.65 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Tgt Ion: 98 Resp: 551646
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 101.72 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

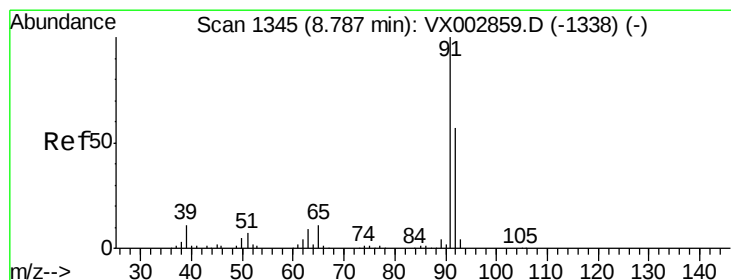
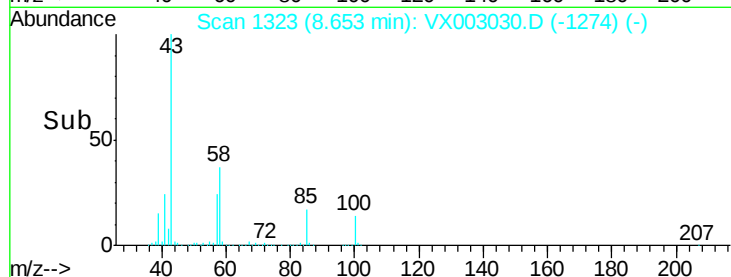
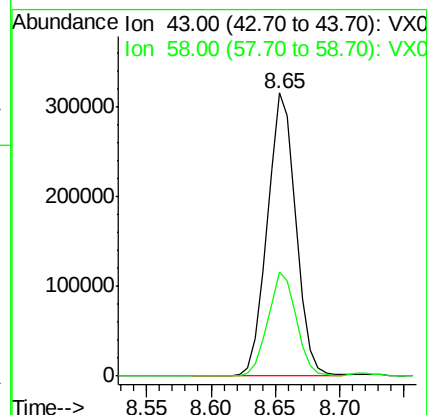
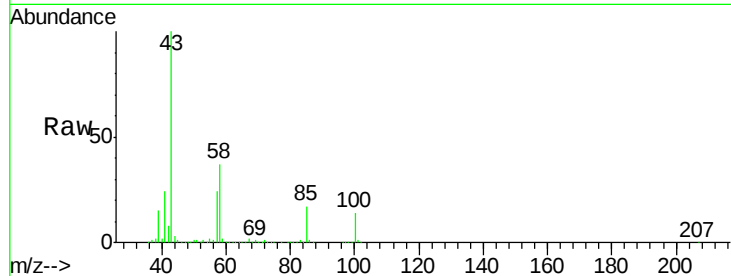
ClientSampleId :

Tot Ion: 43 Resp: 484217

Ion Ratio Lower Upper

43 100

58 36.6 28.6 42.8



#52

Toluene

Concen: 19.88 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003030.D

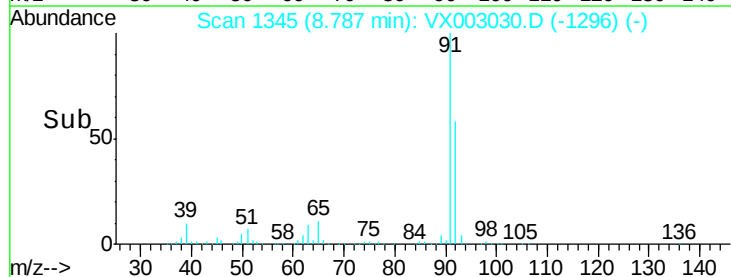
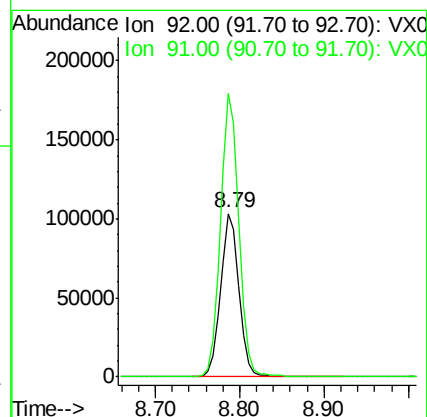
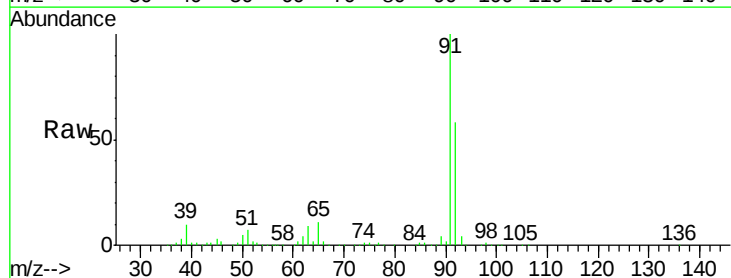
Acq: 29 Jun 2018 15:51

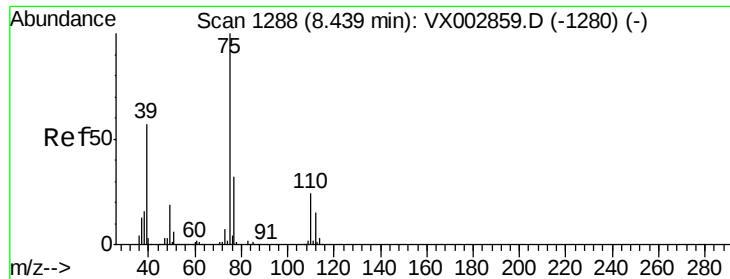
Tgt Ion: 92 Resp: 155923

Ion Ratio Lower Upper

92 100

91 174.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.61 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

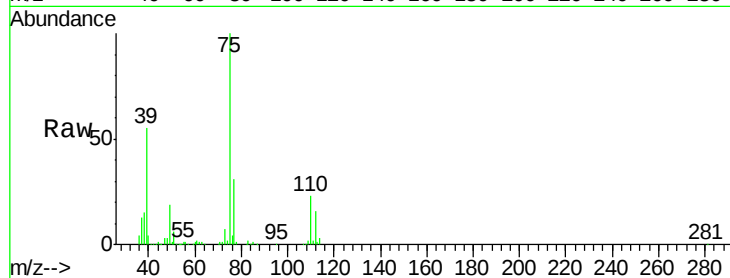
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 92549

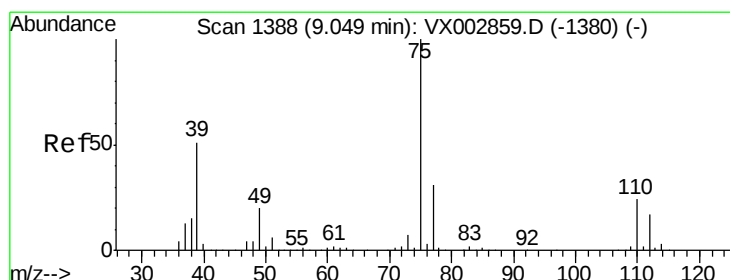
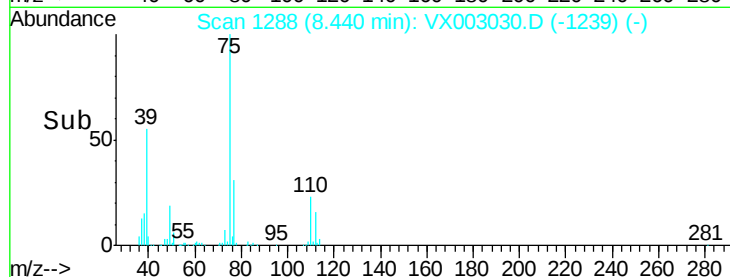
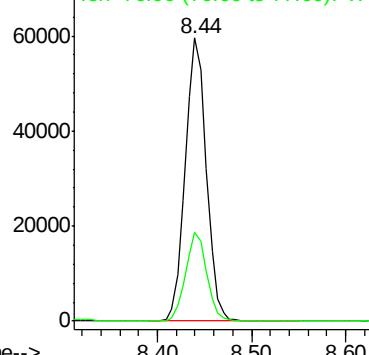
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.40 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

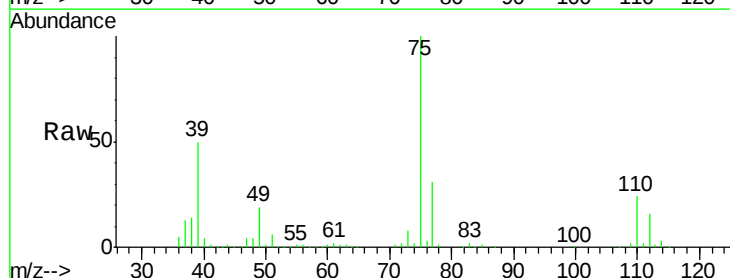
Tgt Ion: 75 Resp: 83557

Ion Ratio Lower Upper

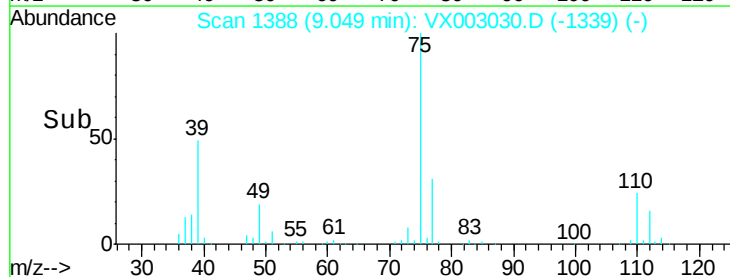
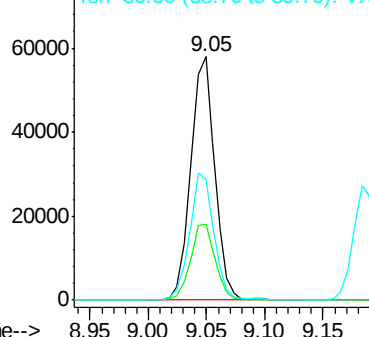
75 100

77 31.4 24.8 37.2

39 49.2 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0

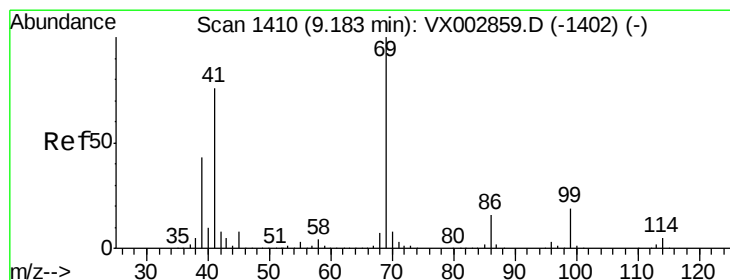
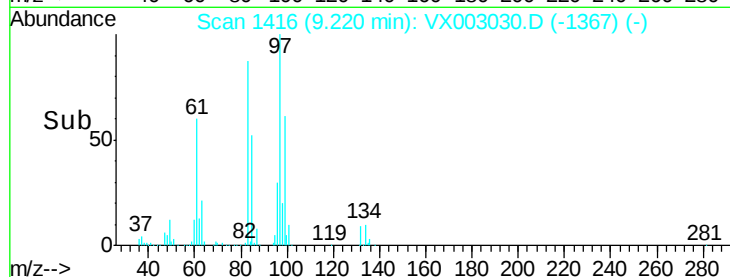
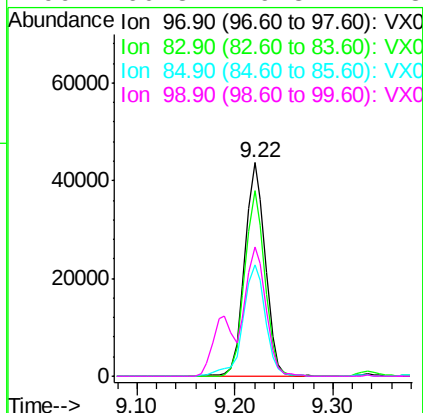
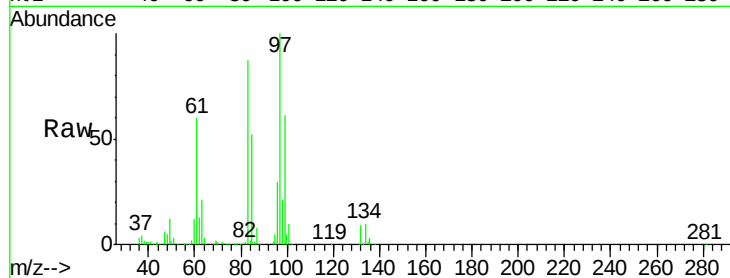




#55
 1,1,2-Trichloroethane
 Concen: 19.89 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

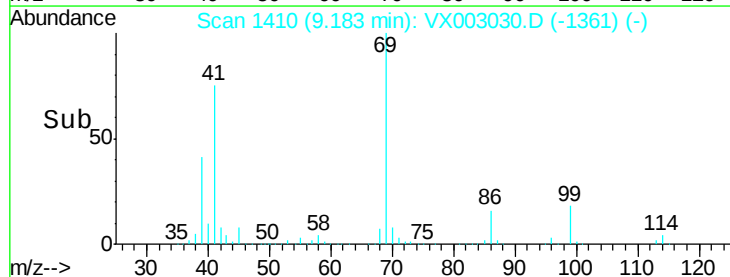
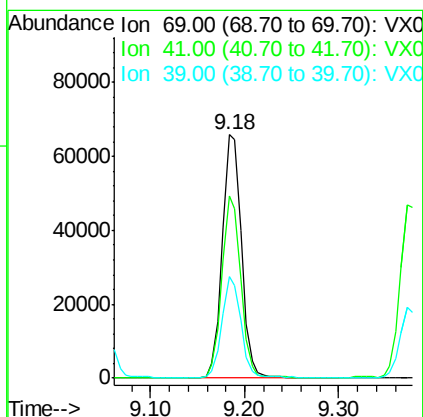
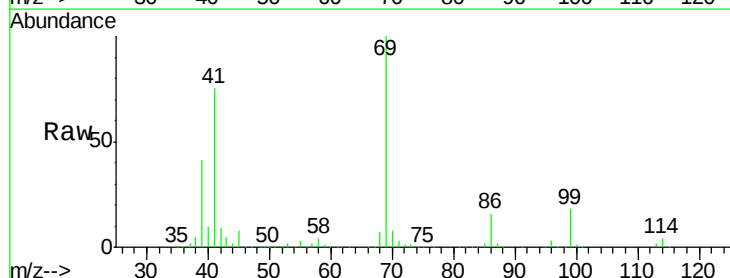
Instrument :
 MSVOA_X
 ClientSampleId :

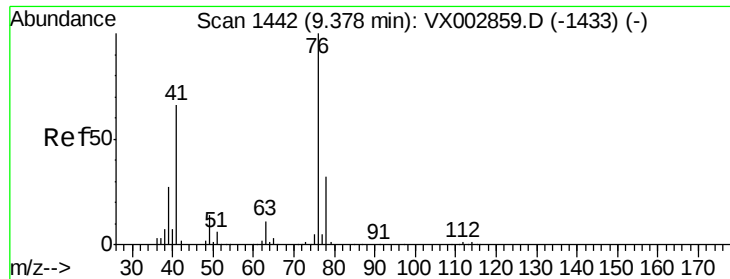
Tot Ion:	97	Resp:	64112
Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.2	105.2
85	52.2	44.9	67.3
99	60.8	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 19.83 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Tgt Ion:	69	Resp:	93396
Ion	Ratio	Lower	Upper
69	100		
41	73.3	60.3	90.5
39	40.6	35.8	53.8





#57

1,3-Dichloropropane

Concen: 19.86 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

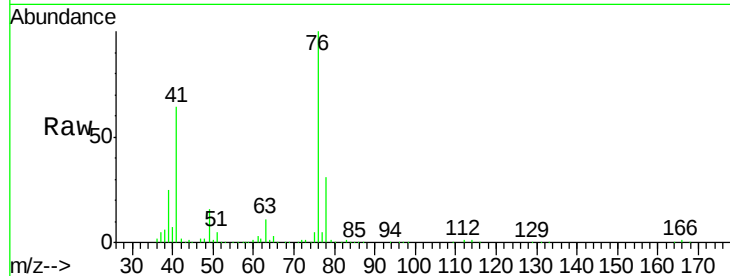
ClientSampleId :

Tot Ion: 76 Resp: 105113

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

80000

60000

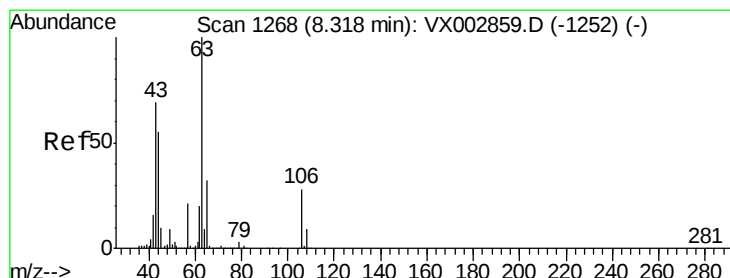
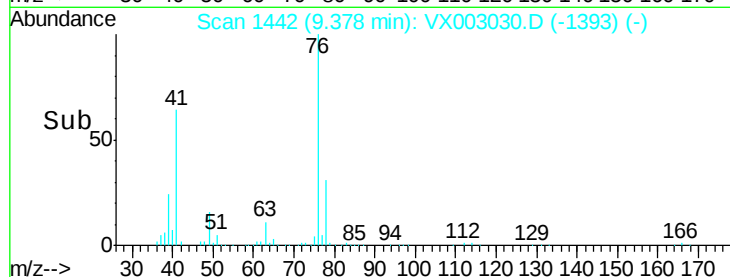
40000

20000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 101.21 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003030.D

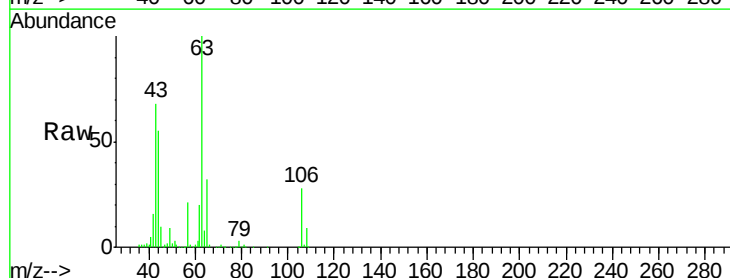
Acq: 29 Jun 2018 15:51

Tgt Ion: 63 Resp: 229974

Ion Ratio Lower Upper

63 100

106 28.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

150000

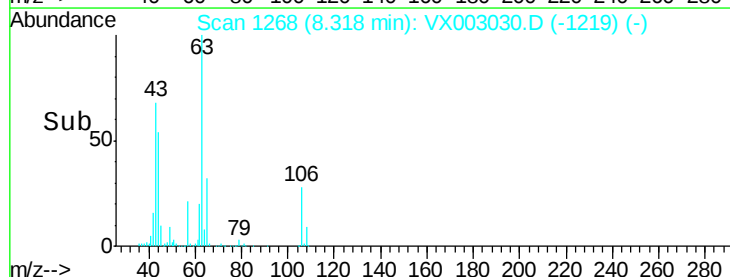
100000

50000

0

8.25 8.30 8.35 8.40

Time-->

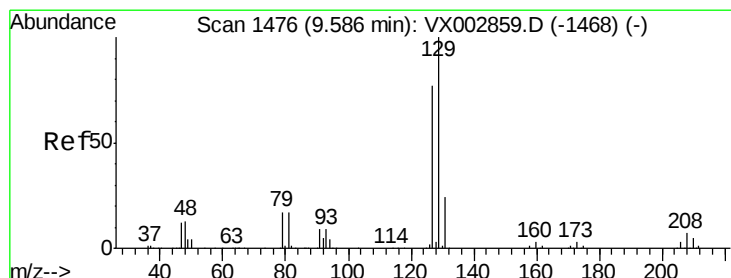
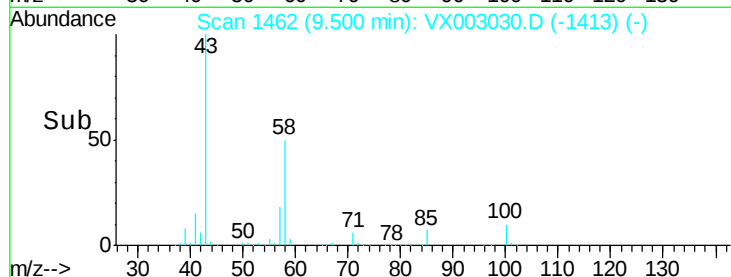
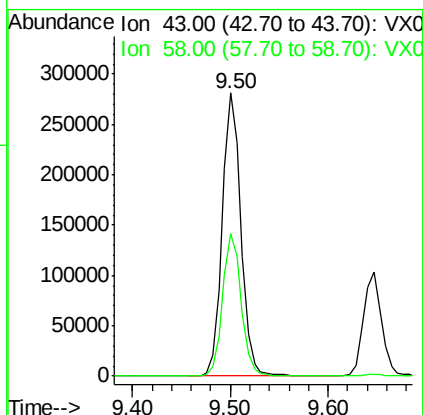
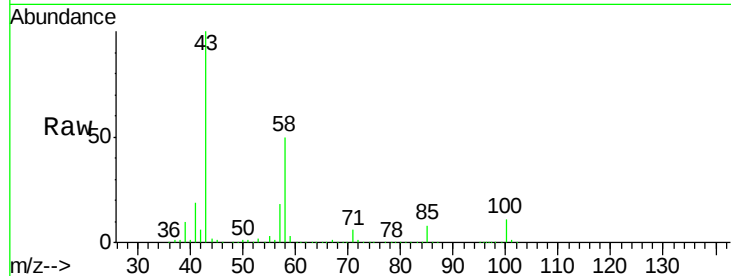




#59
2-Hexanone
Concen: 102.79 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

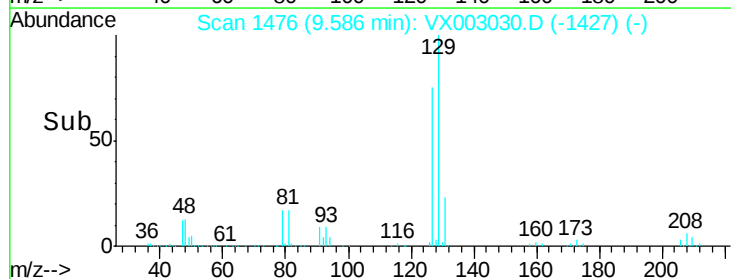
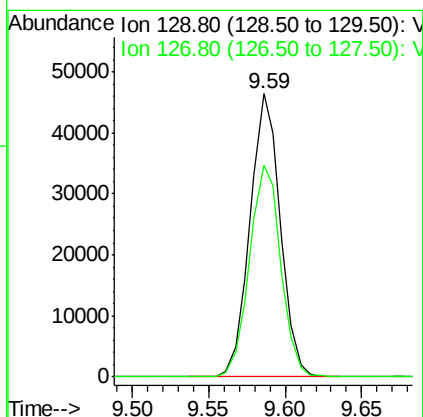
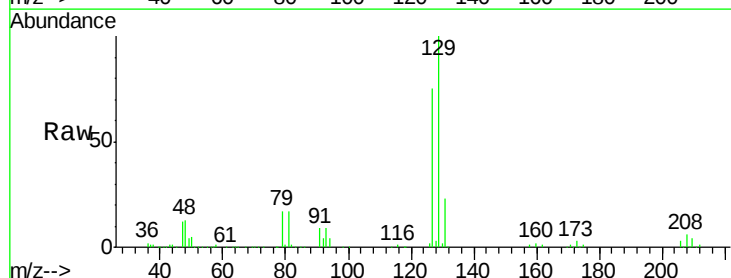
Instrument :
MSVOA_X
ClientSampleId :

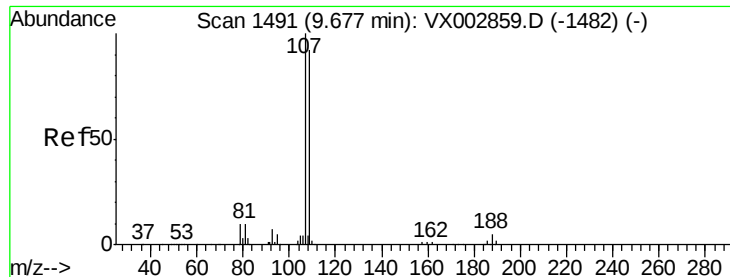
Tot Ion: 43 Resp: 371873
Ion Ratio Lower Upper
43 100
58 50.3 24.6 73.6



#60
Dibromochloromethane
Concen: 18.87 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion: 129 Resp: 64011
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.12 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

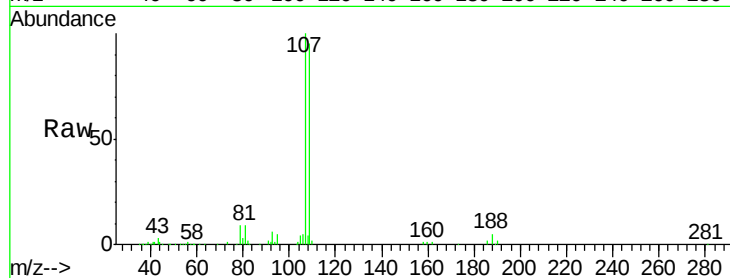
ClientSampleId :

Tot Ion:107 Resp: 68022

Ion Ratio Lower Upper

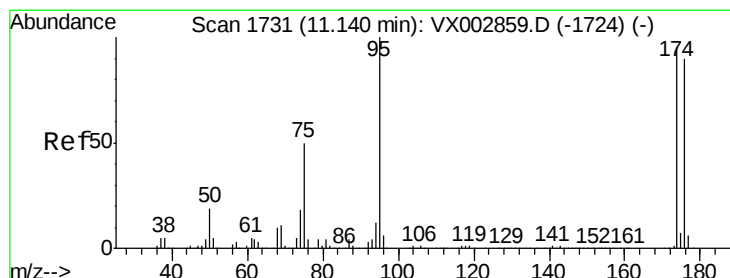
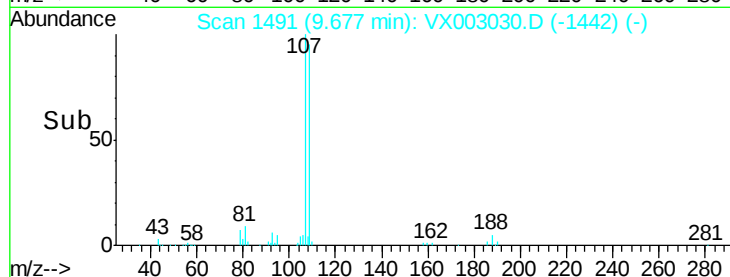
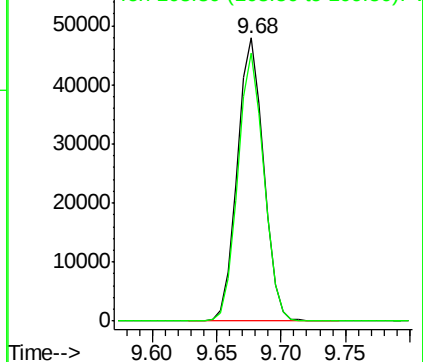
107 100

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



#62

4-Bromofluorobenzene

Concen: 48.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

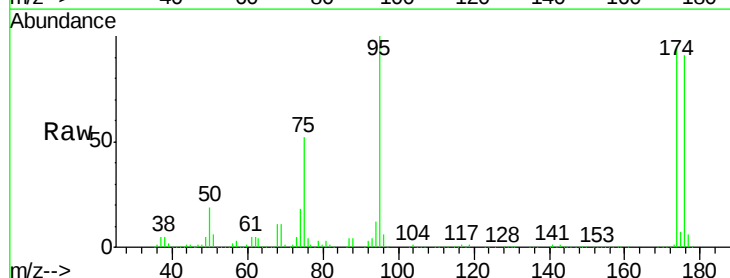
Tgt Ion: 95 Resp: 209334

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

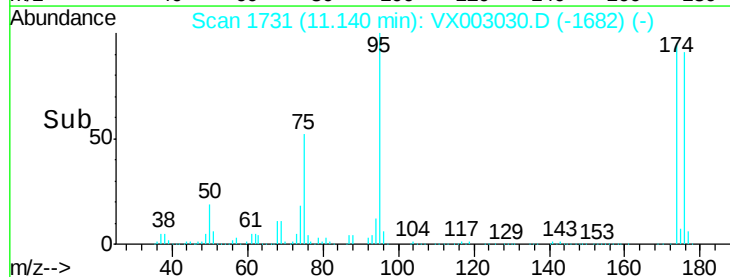
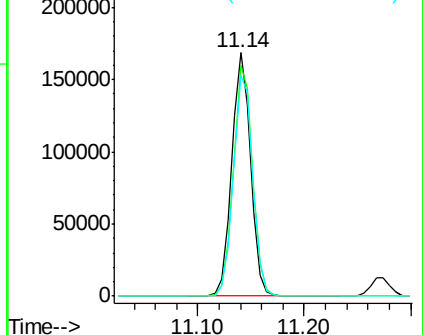
176 93.5 0.0 181.0

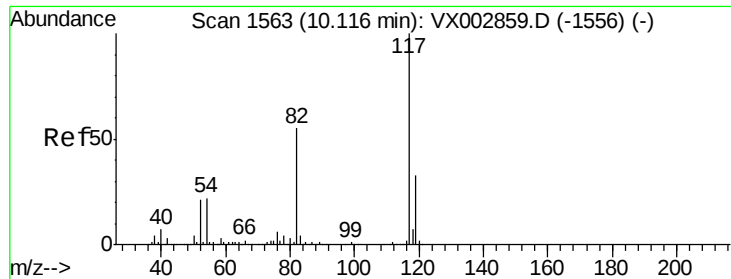


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

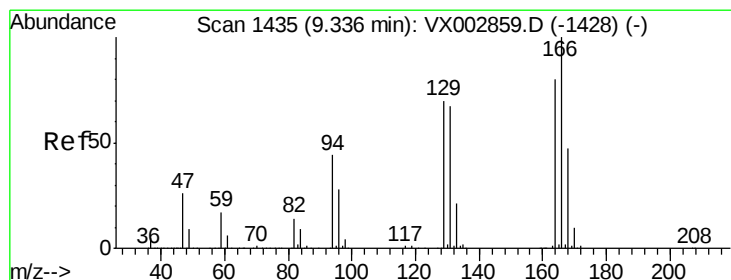
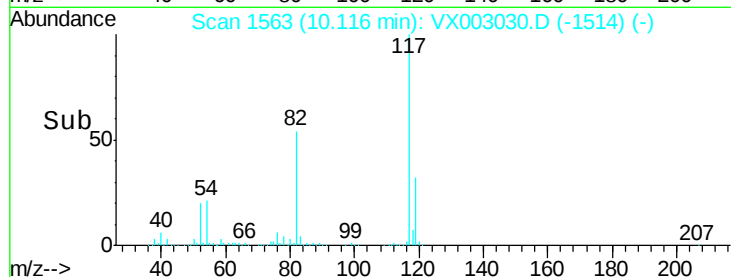
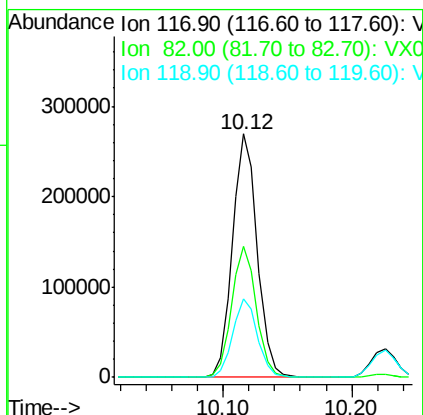
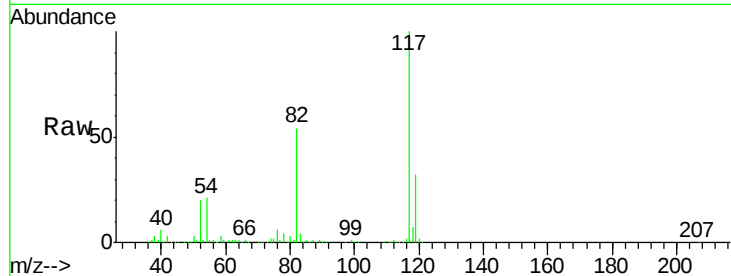




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

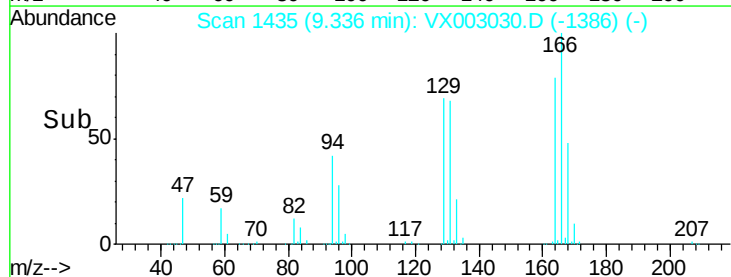
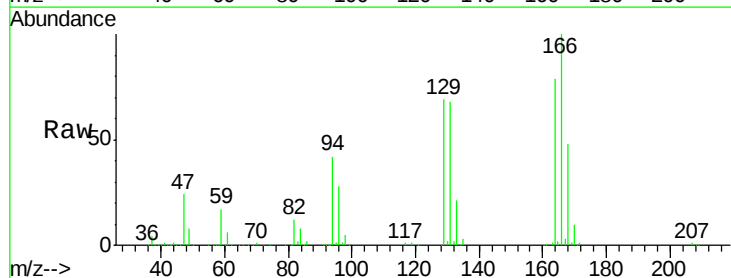
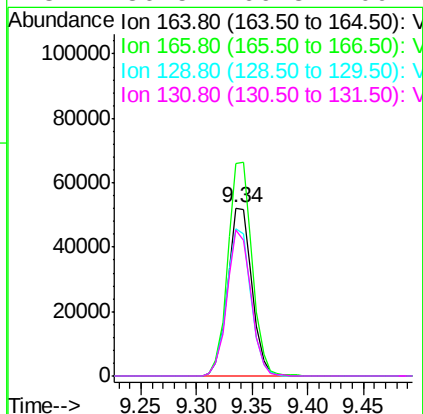
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 362289
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 19.40 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion:164 Resp: 78162
Ion Ratio Lower Upper
164 100
166 126.7 102.9 154.3
129 87.5 68.6 102.8
131 86.5 66.8 100.2





#65

Chlorobenzene

Concen: 19.38 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

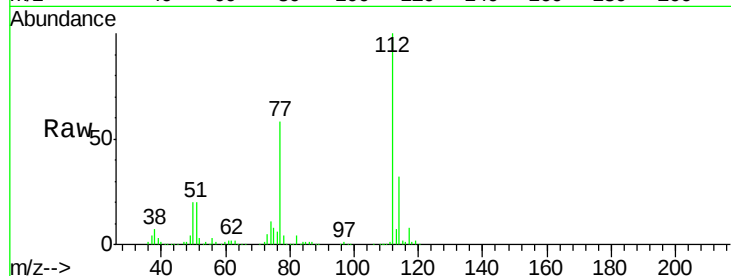
ClientSampled :

Tot Ion:112 Resp: 178372

Ion Ratio Lower Upper

112 100

114 32.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

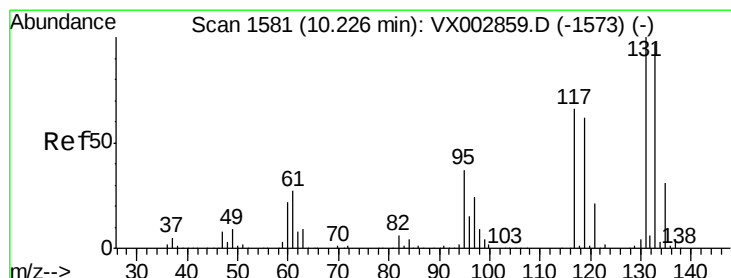
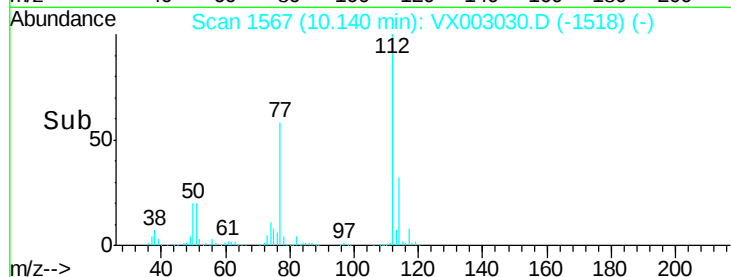
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.43 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

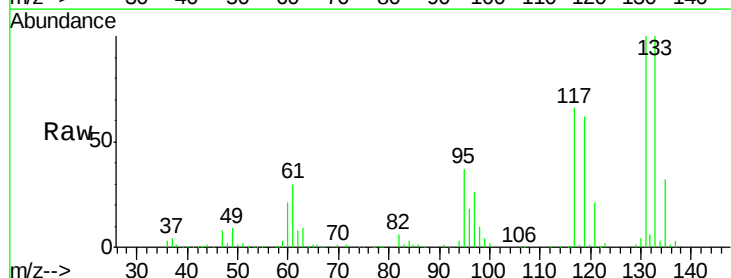
Tgt Ion:131 Resp: 64950

Ion Ratio Lower Upper

131 100

133 96.9 47.9 143.6

119 62.5 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

60000

50000

40000

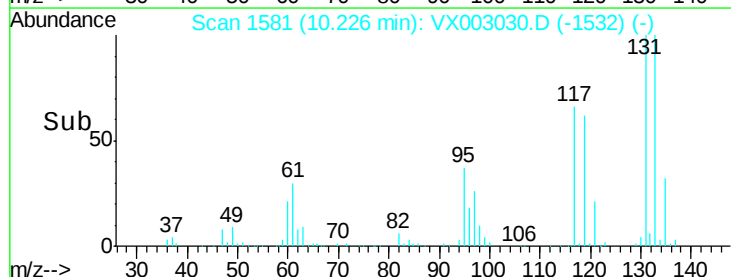
30000

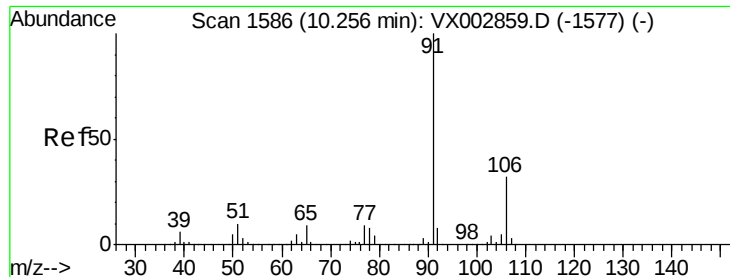
20000

10000

0

Time-->

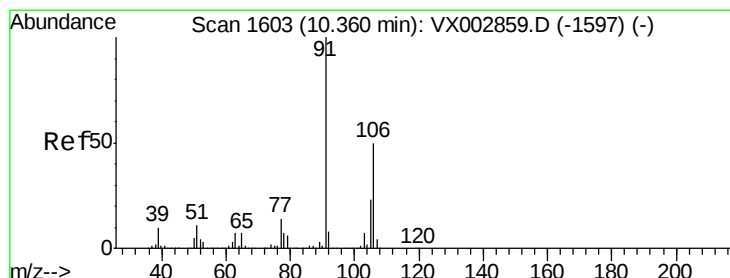
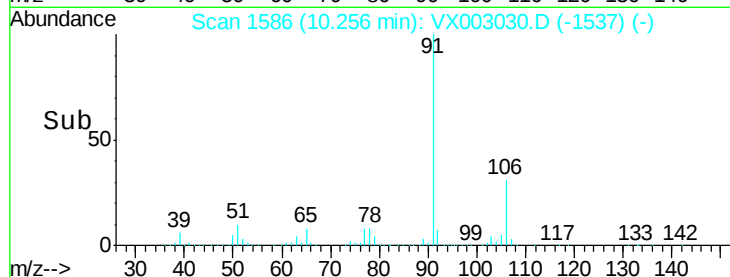
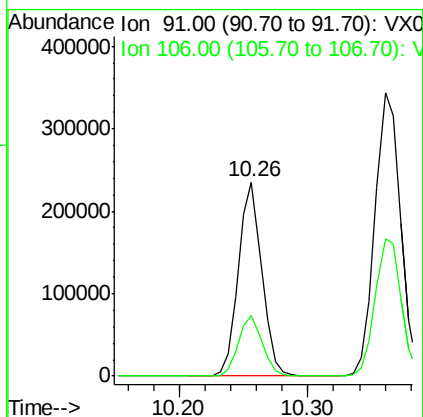
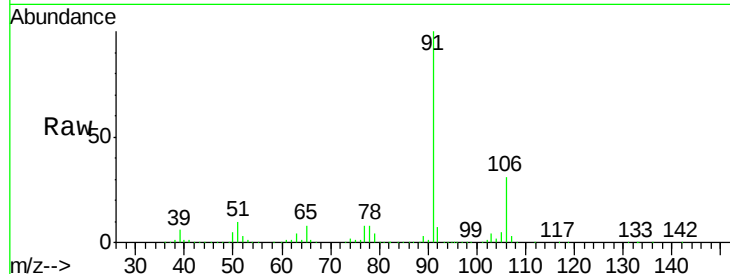




#67
Ethyl Benzene
Concen: 19.65 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

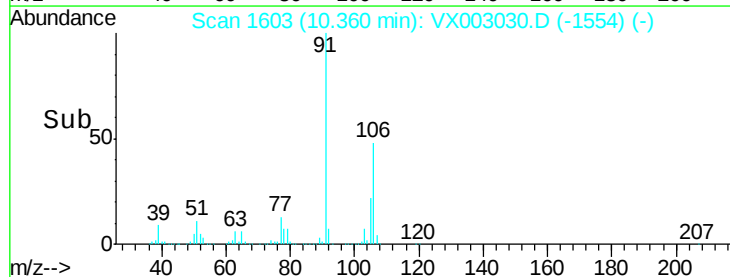
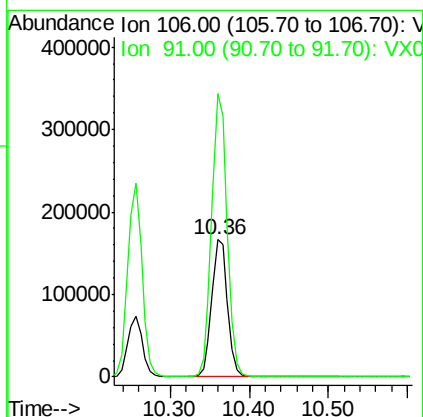
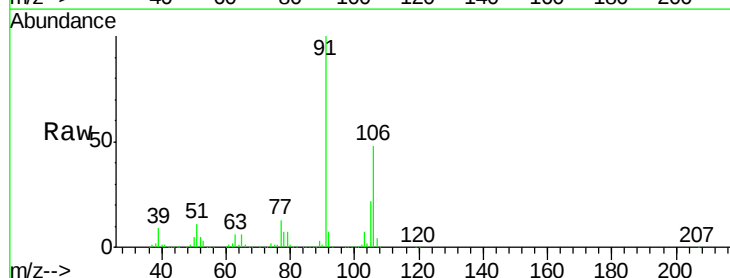
Instrument :
MSVOA_X
ClientSampleId :

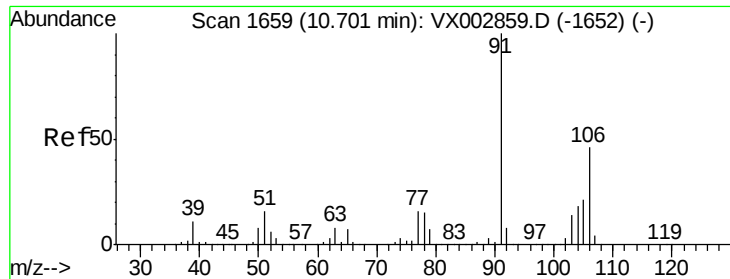
Tot Ion: 91 Resp: 298741
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 39.58 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion: 106 Resp: 231866
Ion Ratio Lower Upper
106 100
91 202.6 163.4 245.2

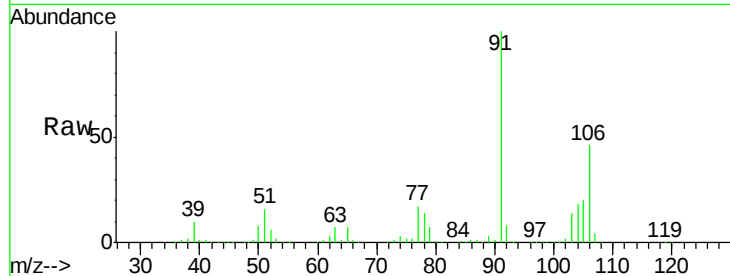




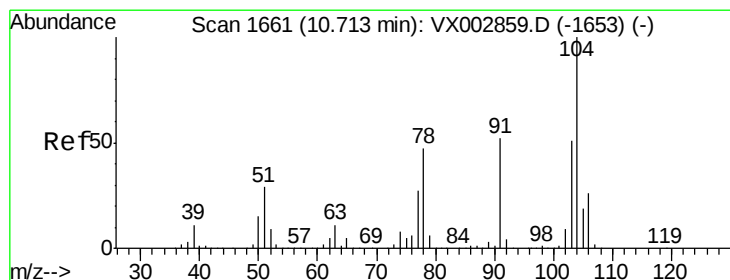
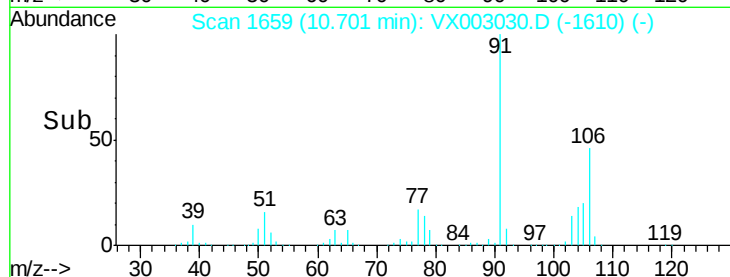
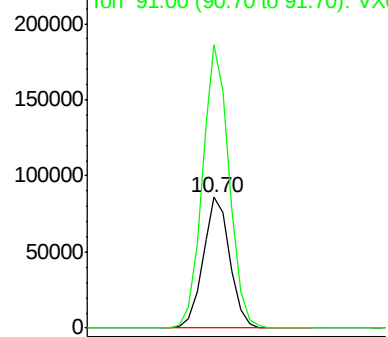
#69
o-Xylene
Concen: 19.60 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 111786
Ion Ratio Lower Upper
106 100
91 215.2 108.2 324.6

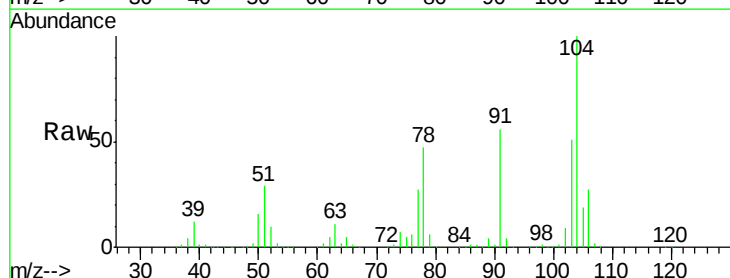


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

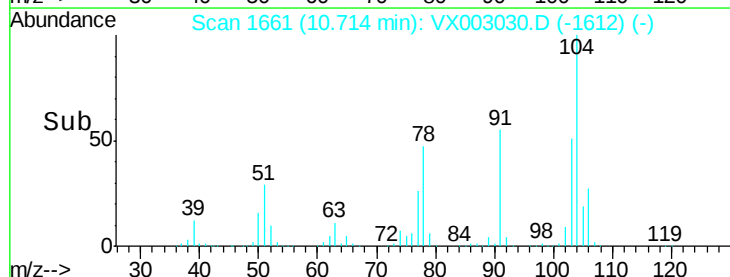
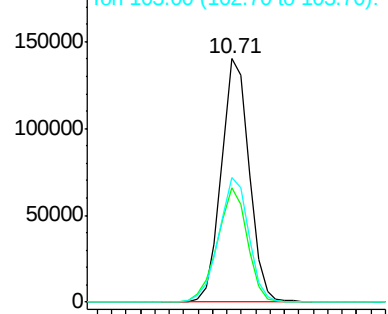


#70
Styrene
Concen: 20.09 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion:104 Resp: 186231
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 55.5 44.2 66.4



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





#71

Bromoform

Concen: 19.24 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

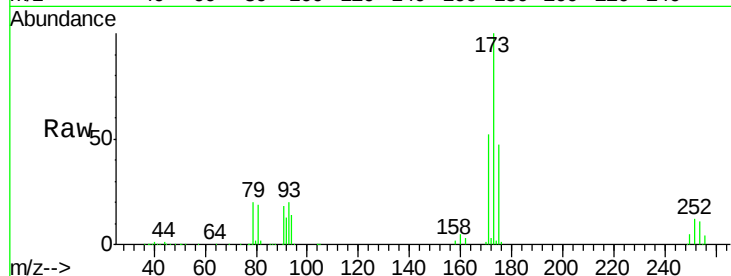
Tot Ion:173 Resp: 50250

Ion Ratio Lower Upper

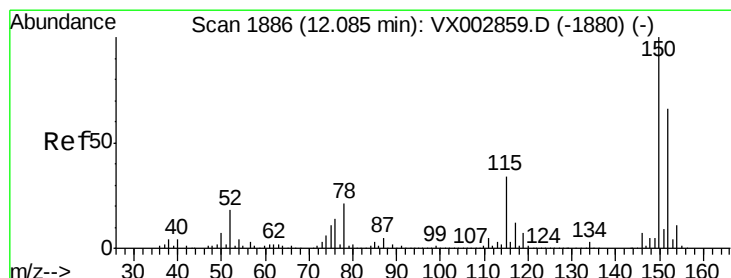
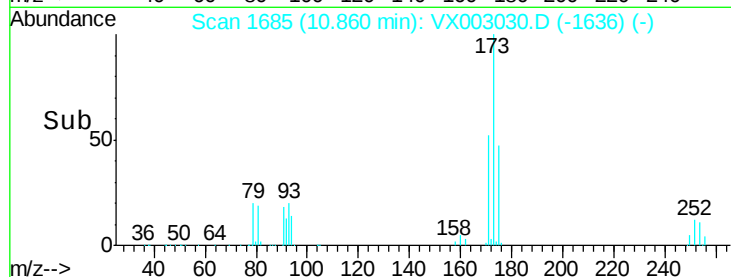
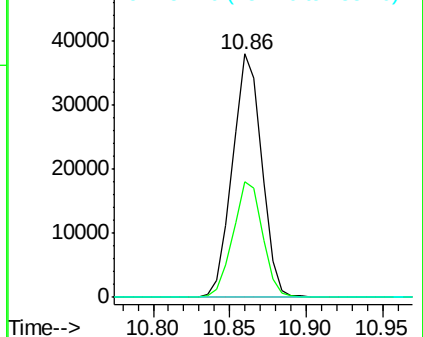
173 100

175 48.0 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

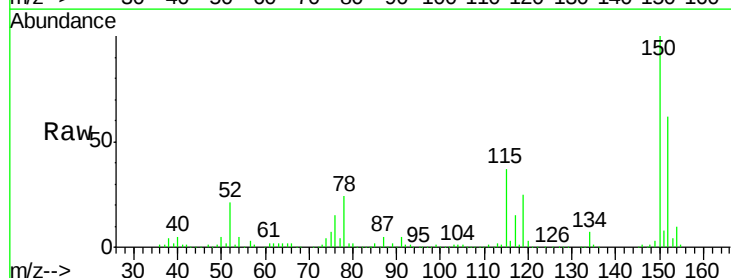
Tgt Ion:152 Resp: 222854

Ion Ratio Lower Upper

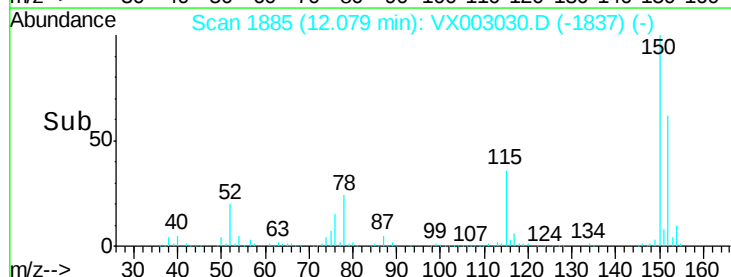
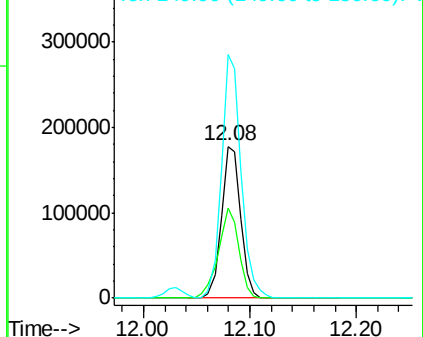
152 100

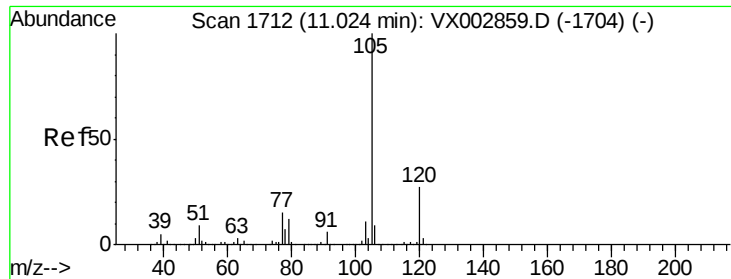
115 63.3 40.1 120.2

150 163.7 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

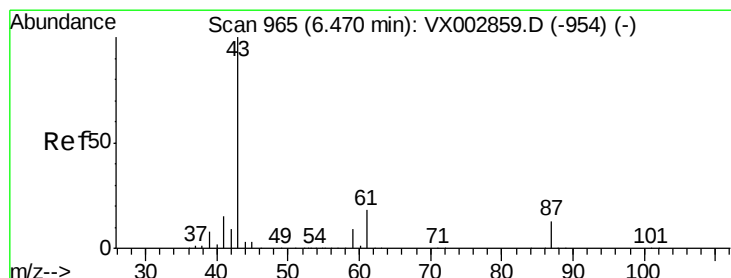
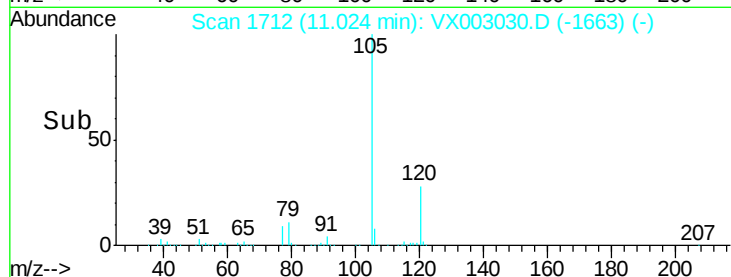
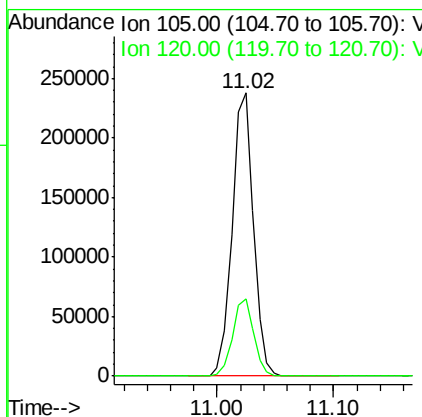
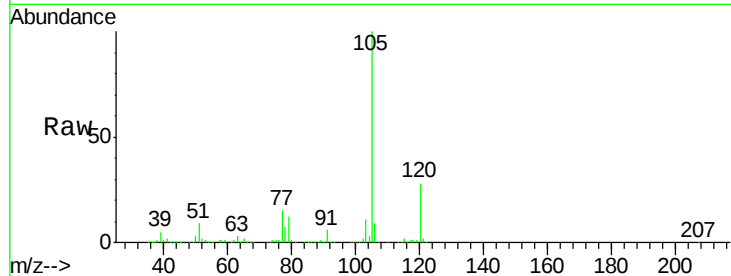




#73
Isopropylbenzene
Concen: 20.13 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

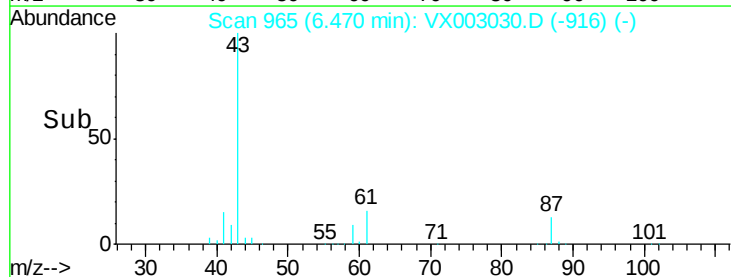
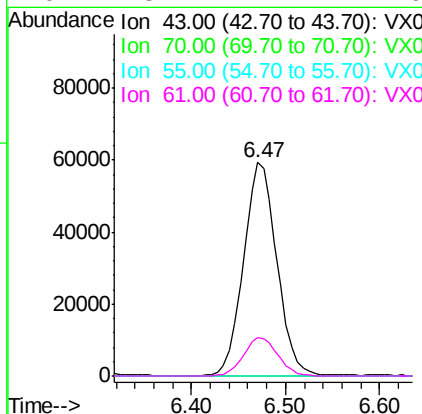
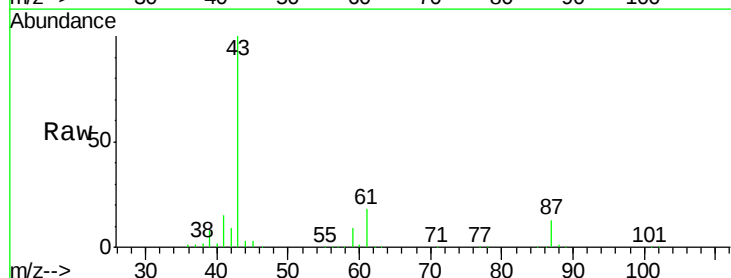
Instrument :
MSVOA_X
ClientSampleId :

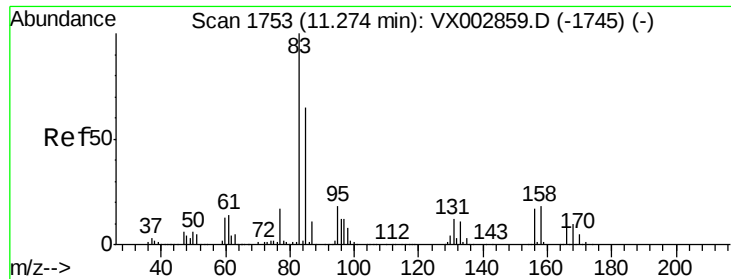
Tot Ion:105 Resp: 301717
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4



#74
N-ethyl acetate
Concen: 19.97 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion: 43 Resp: 146479
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.0 0.0#
61 18.7 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.55 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

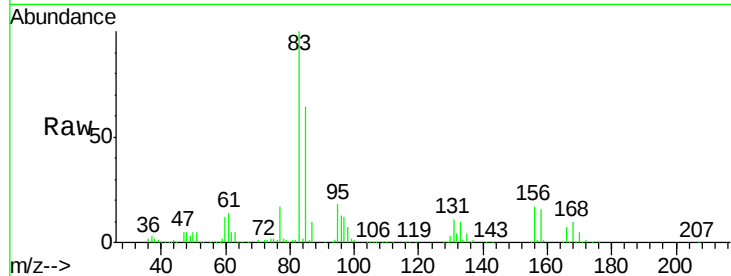
Tot Ion: 83 Resp: 94918

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

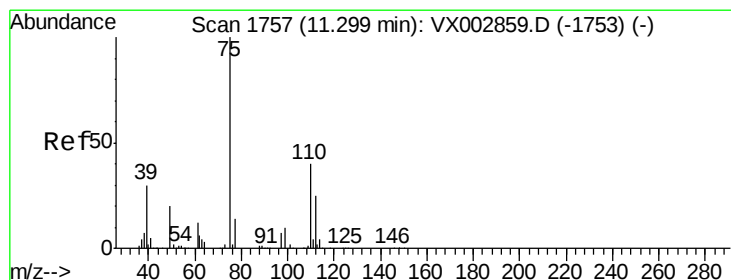
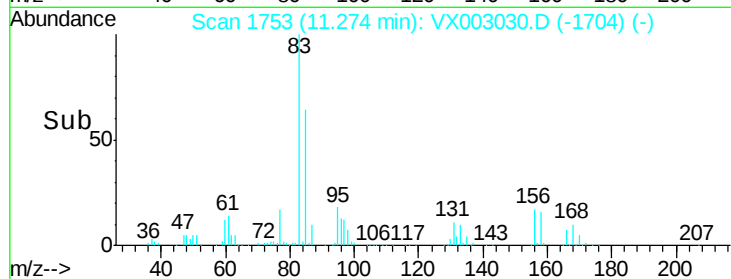
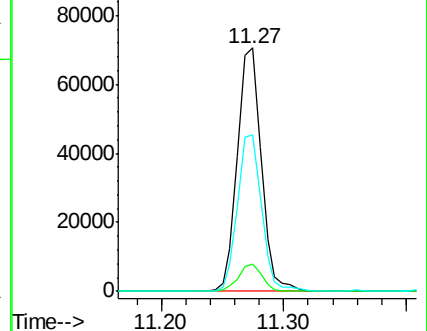
85 64.8 32.4 97.2



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: 25.72 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003030.D

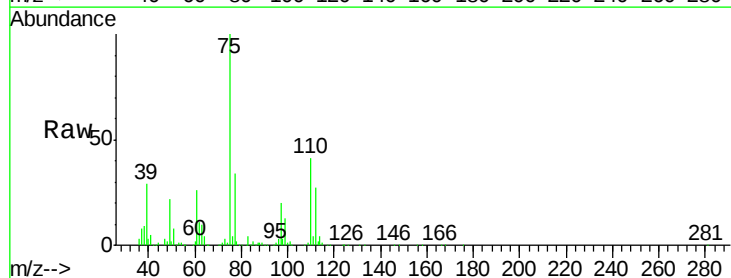
Acq: 29 Jun 2018 15:51

Tgt Ion: 75 Resp: 103821

Ion Ratio Lower Upper

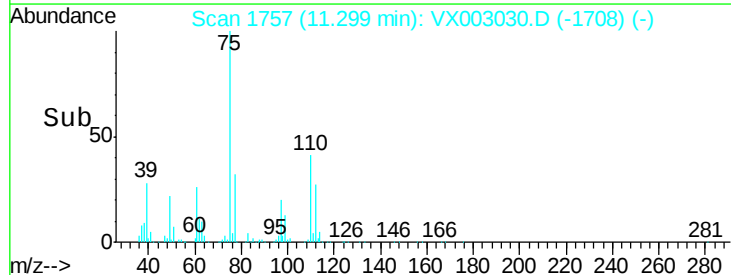
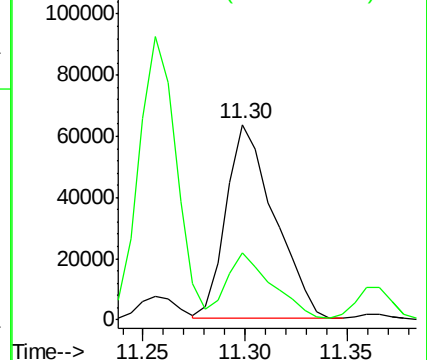
75 100

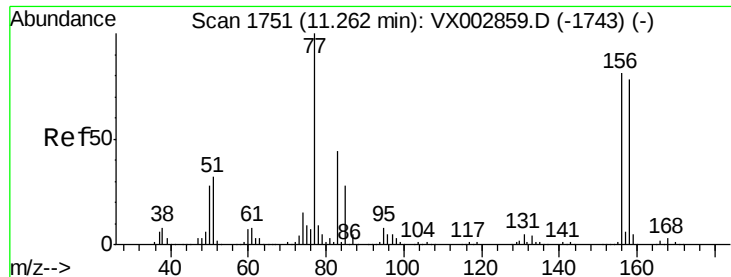
77 33.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.11 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

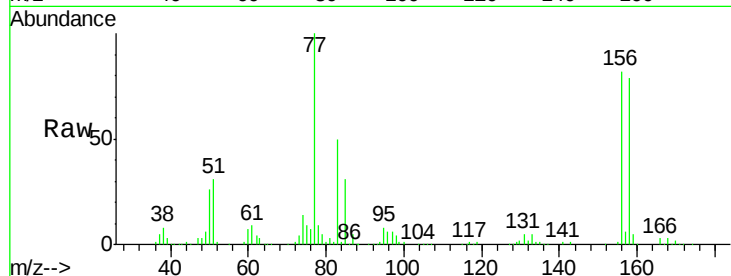
Tot Ion:156 Resp: 85846

Ion Ratio Lower Upper

156 100

77 138.2 71.4 214.2

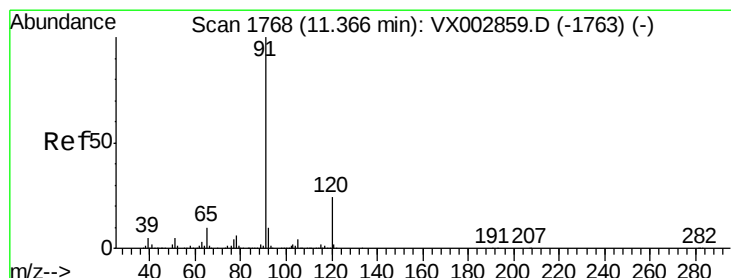
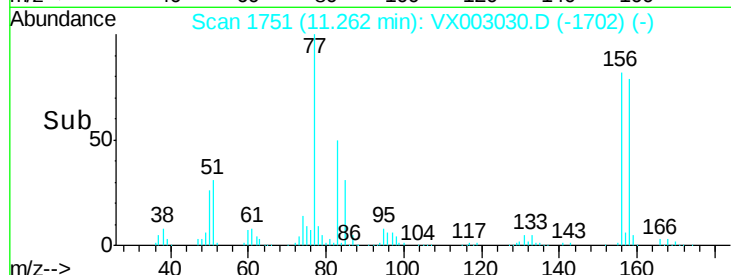
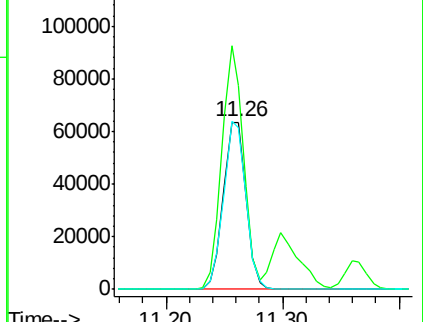
158 98.6 48.9 146.6



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: 19.68 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003030.D

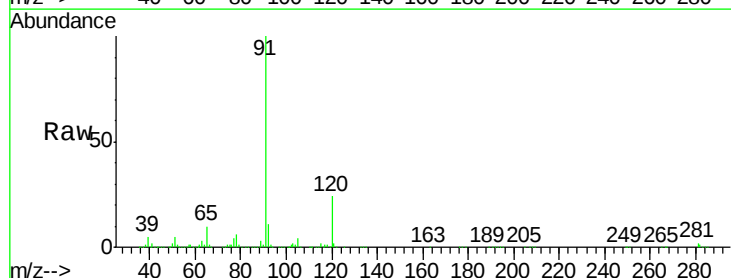
Acq: 29 Jun 2018 15:51

Tgt Ion: 91 Resp: 335874

Ion Ratio Lower Upper

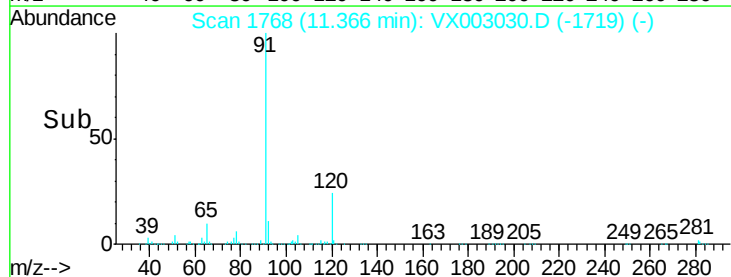
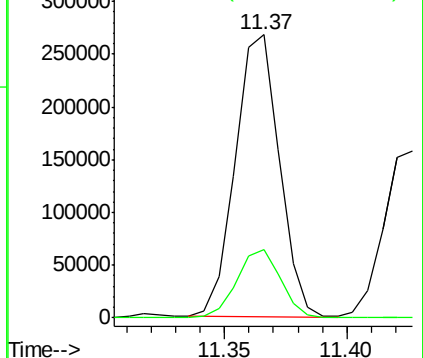
91 100

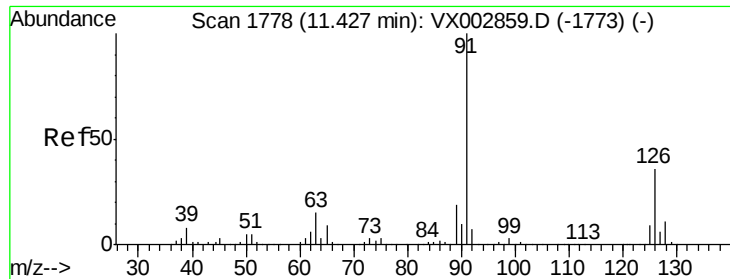
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.89 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

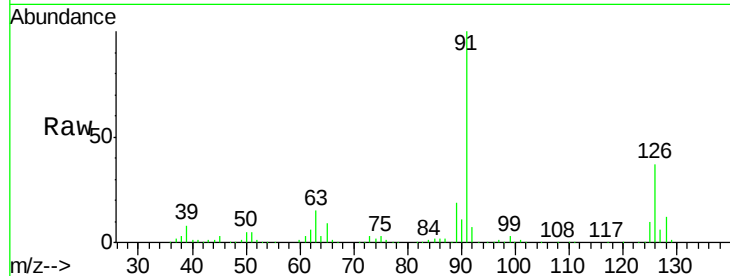
ClientSampleId :

Tot Ion: 91 Resp: 205474

Ion Ratio Lower Upper

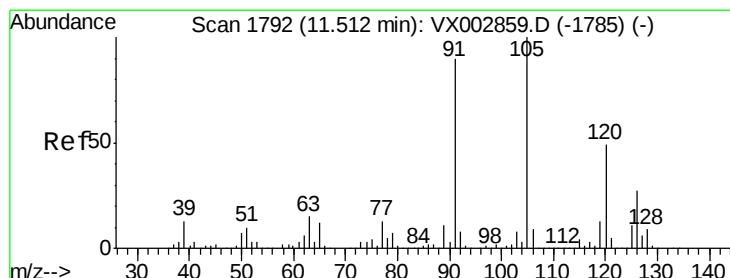
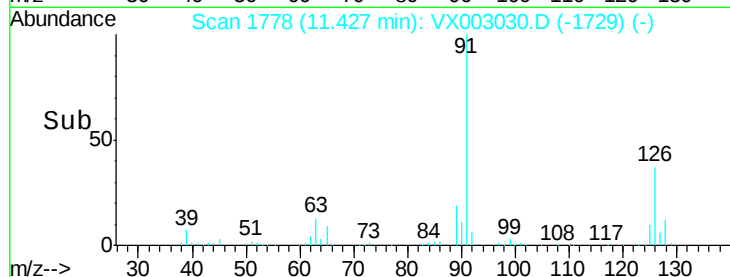
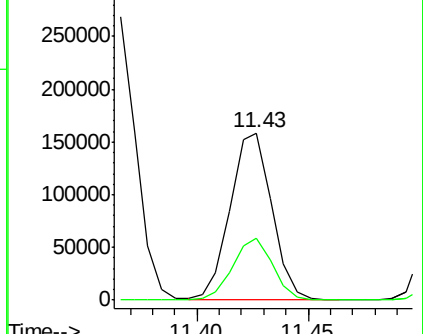
91 100

126 36.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.80 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003030.D

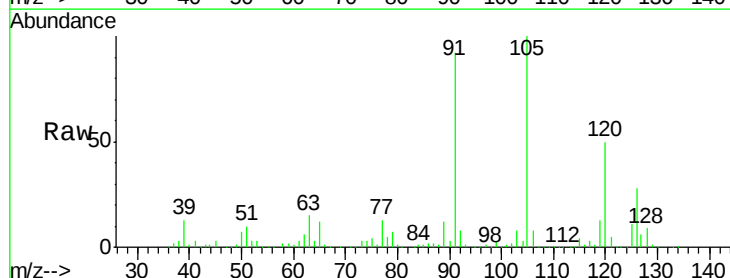
Acq: 29 Jun 2018 15:51

Tgt Ion:105 Resp: 249957

Ion Ratio Lower Upper

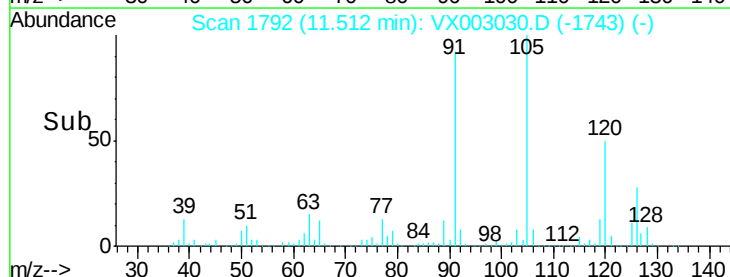
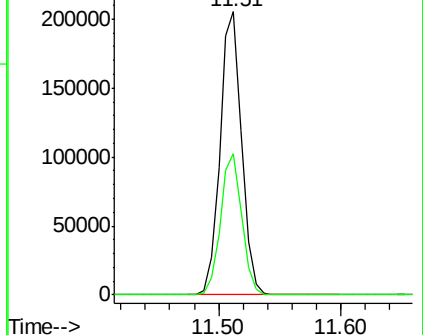
105 100

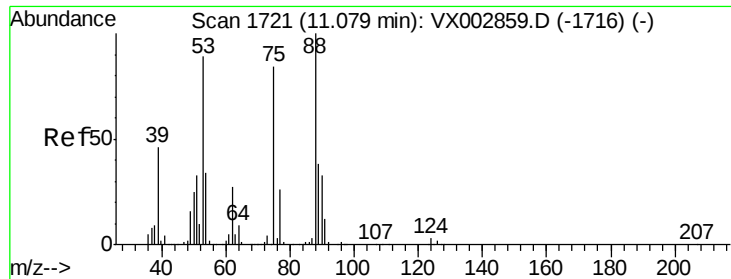
120 49.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.37 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampled :

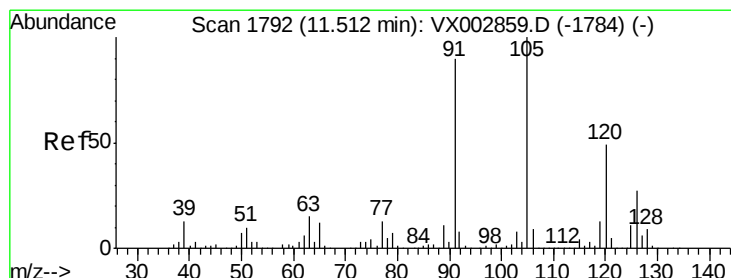
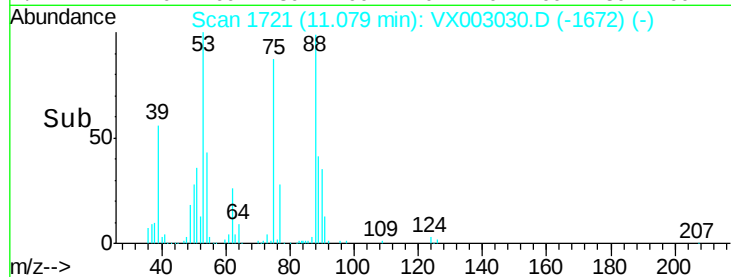
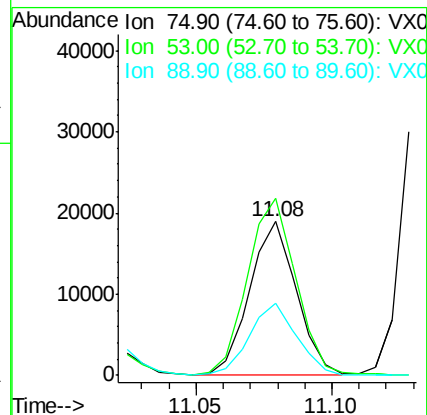
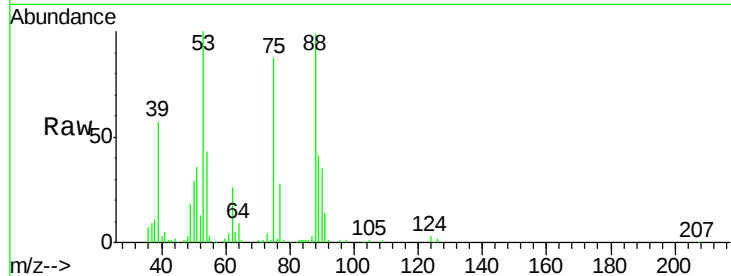
Tot Ion: 75 Resp: 22390

Ion Ratio Lower Upper

75 100

53 119.7 86.8 130.2

89 48.2 38.2 57.2



#82

4-Chlorotoluene

Concen: 19.51 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003030.D

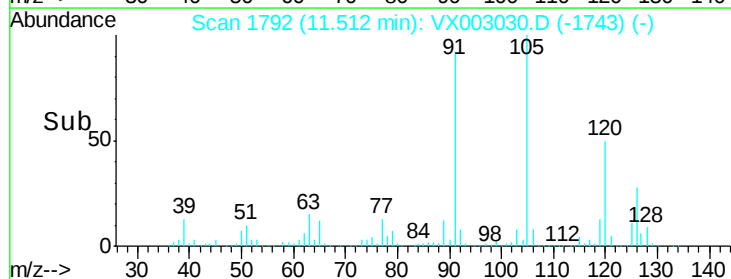
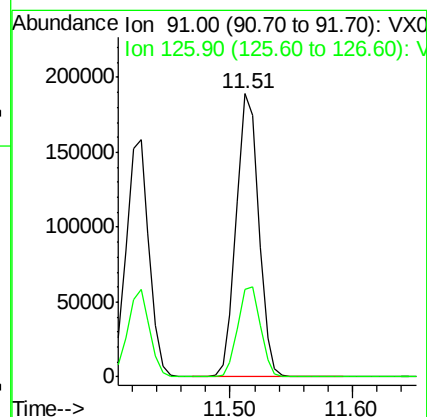
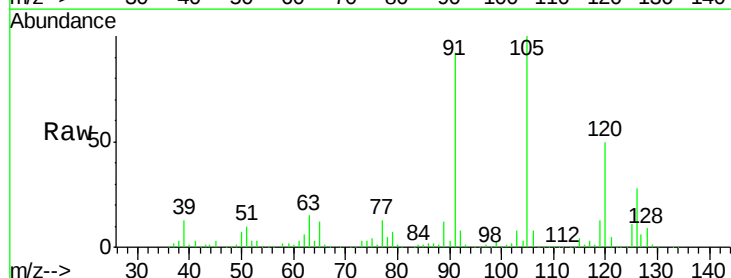
Acq: 29 Jun 2018 15:51

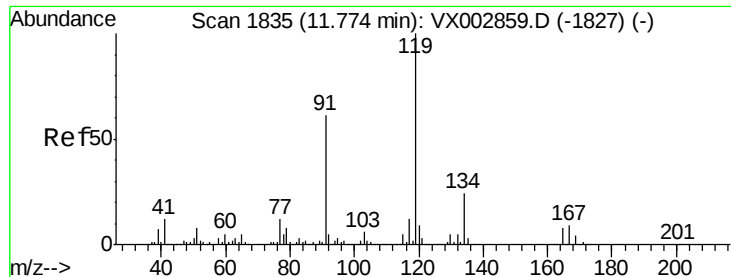
Tgt Ion: 91 Resp: 238621

Ion Ratio Lower Upper

91 100

126 32.1 15.4 46.4

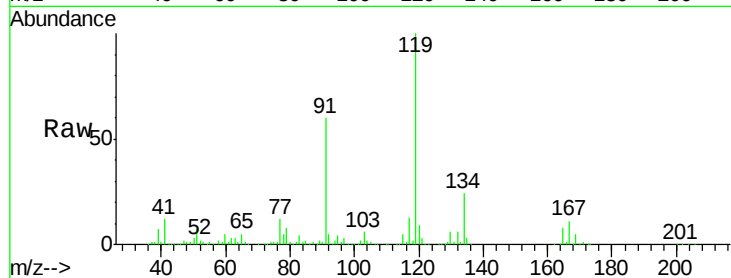




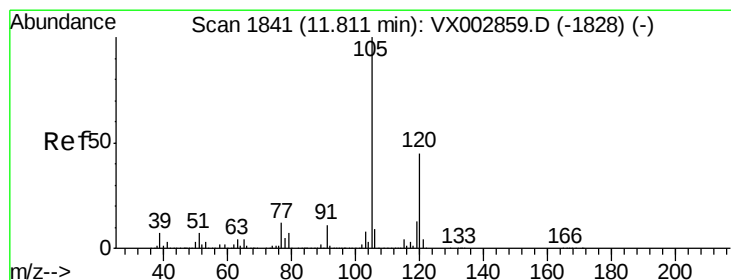
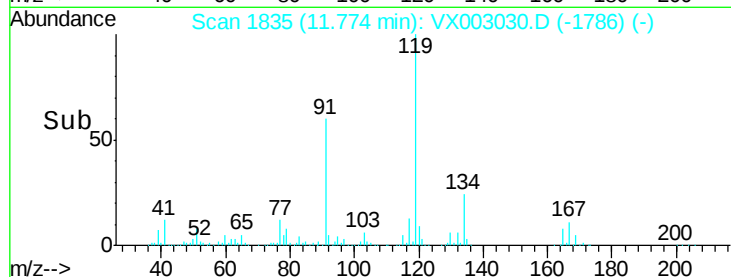
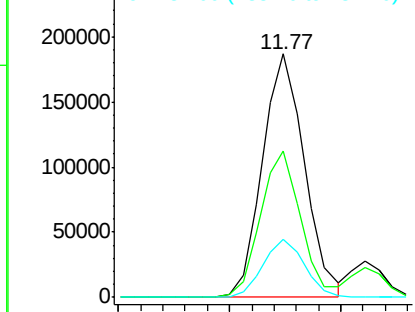
#83
tert-Butylbenzene
Concen: 19.73 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 245489
Ion Ratio Lower Upper
119 100
91 57.8 30.3 90.9
134 23.6 11.7 35.1

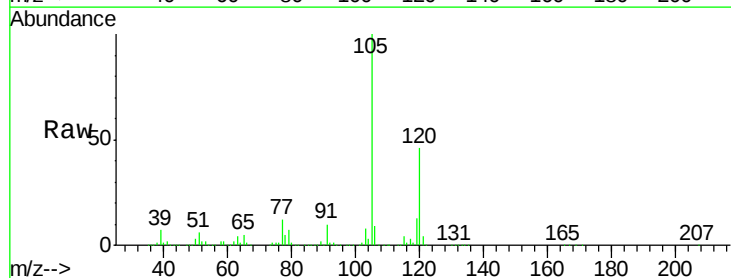


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

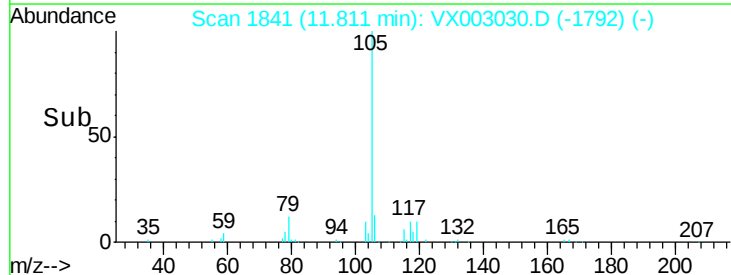
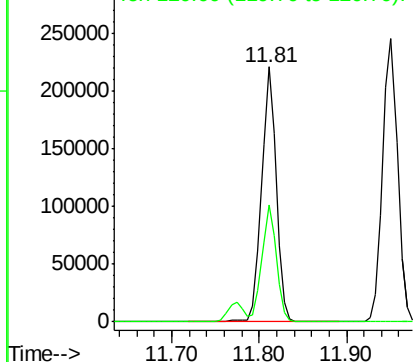


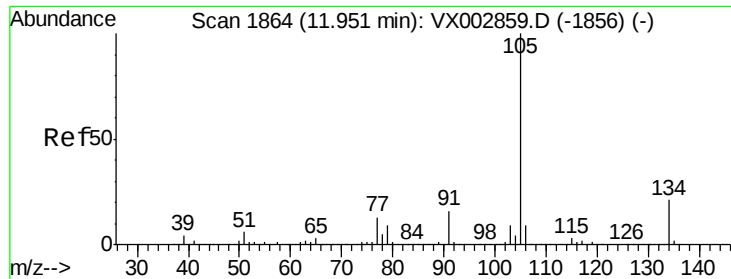
#84
1,2,4-Trimethylbenzene
Concen: 19.80 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003030.D
Acq: 29 Jun 2018 15:51

Tgt Ion:105 Resp: 259063
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.28 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

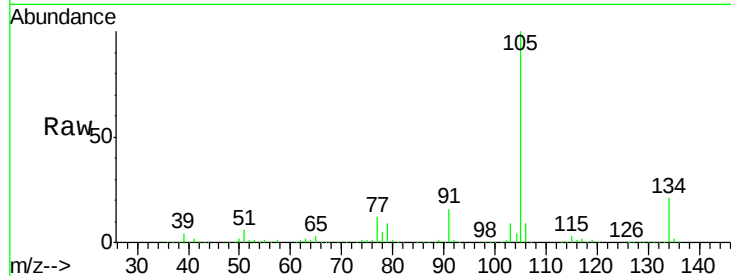
ClientSampled :

Tot Ion:105 Resp: 291119

Ion Ratio Lower Upper

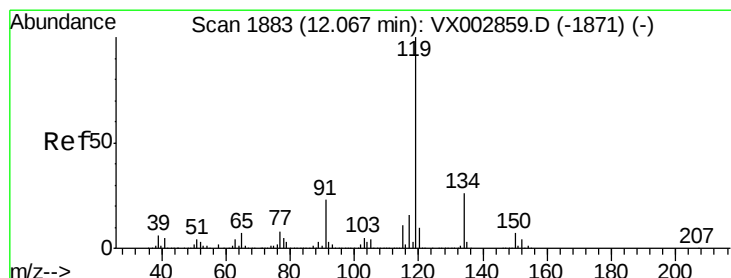
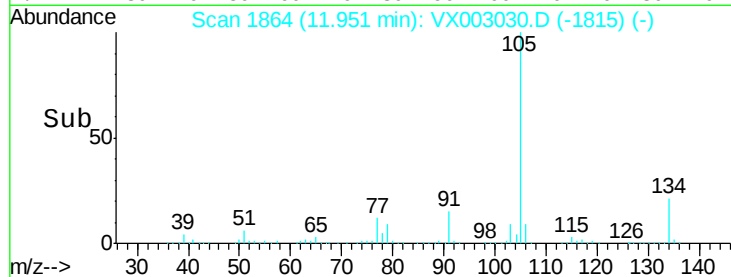
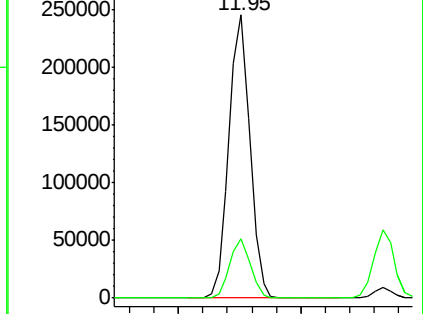
105 100

134 20.7 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: 19.19 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

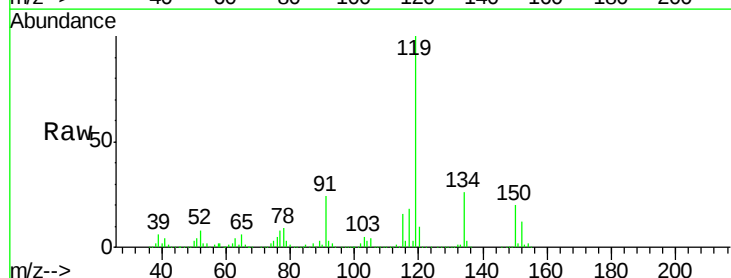
Tgt Ion:119 Resp: 260491

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

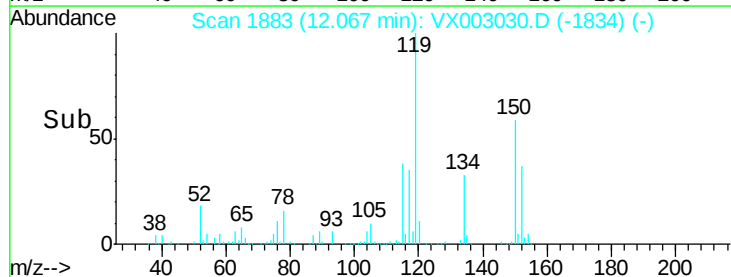
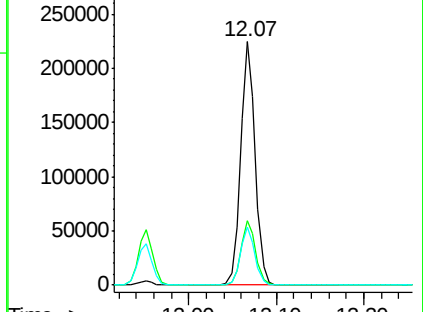
91 23.5 11.9 35.7



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

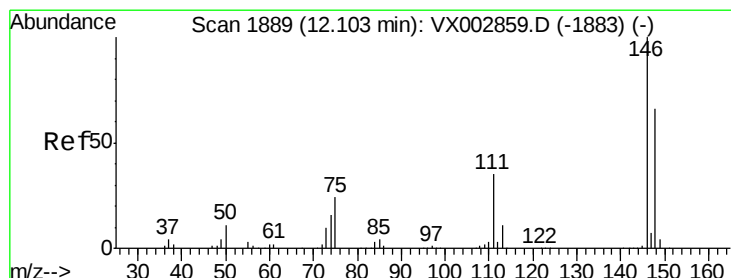
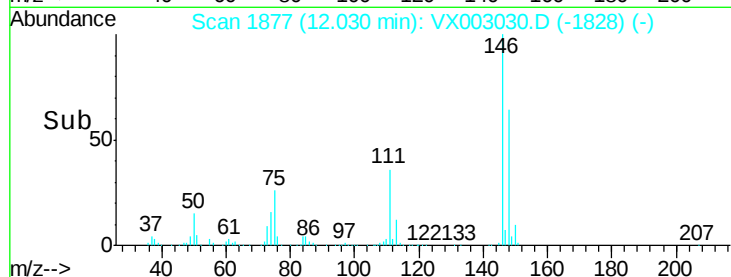
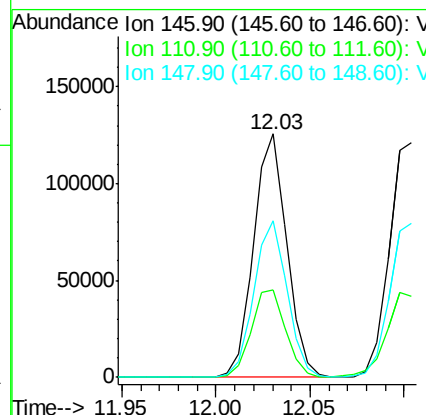
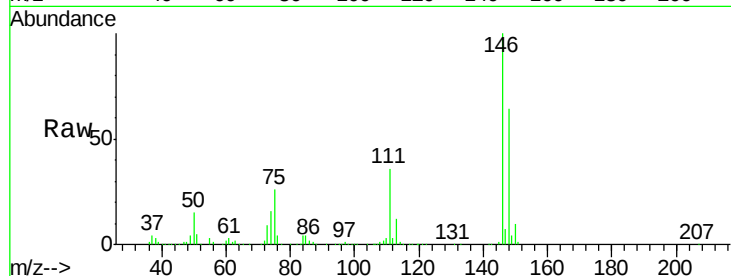




#87
 1,3-Dichlorobenzene
 Concen: 19.64 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

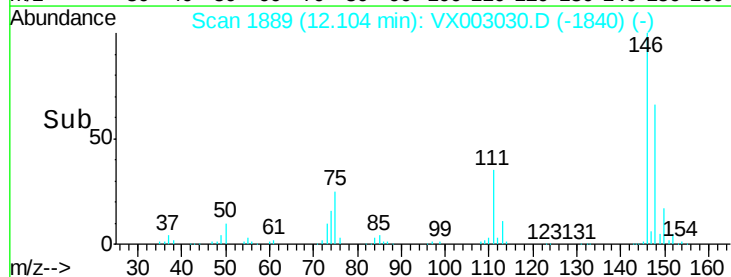
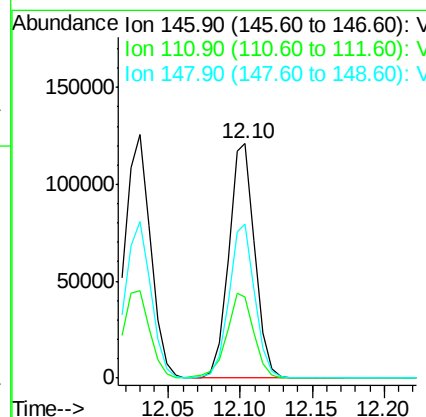
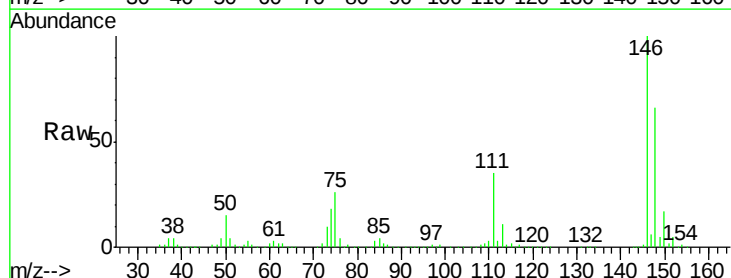
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 153150
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 64.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.23 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Tgt Ion:146 Resp: 154294
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.7 56.1
 148 64.9 32.4 97.0





#89

n-Butylbenzene

Concen: 18.23 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampled :

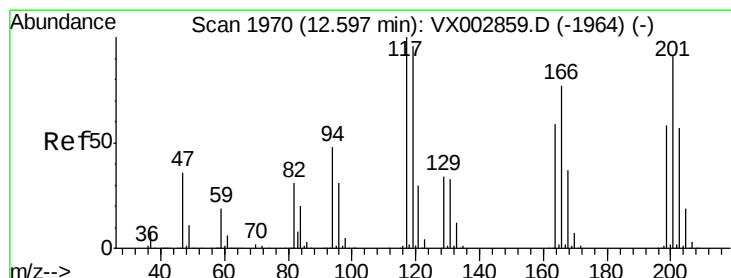
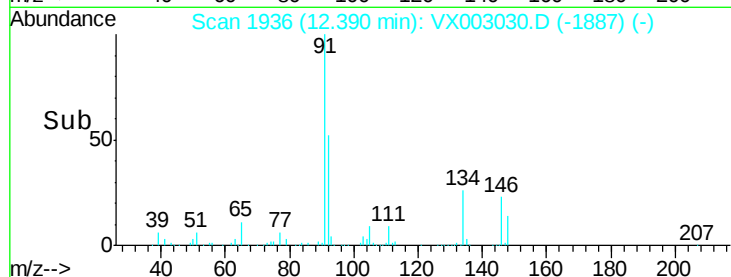
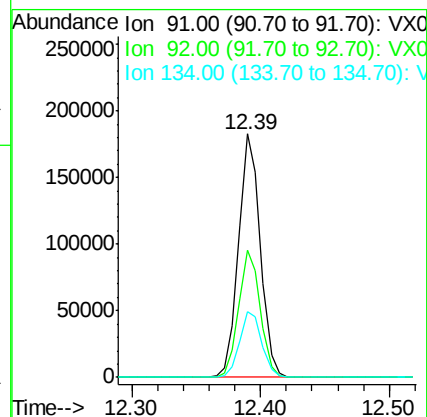
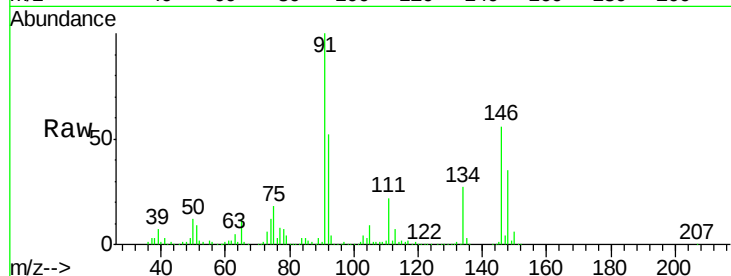
Tot Ion: 91 Resp: 215391

Ion Ratio Lower Upper

91 100

92 52.0 26.0 78.0

134 27.3 13.5 40.5



#90

Hexachloroethane

Concen: 17.16 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003030.D

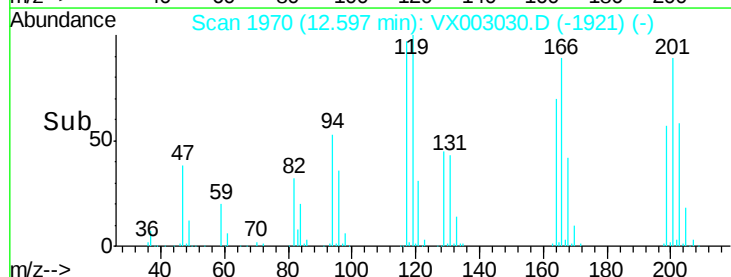
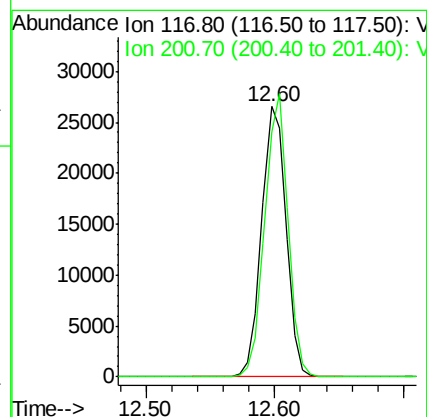
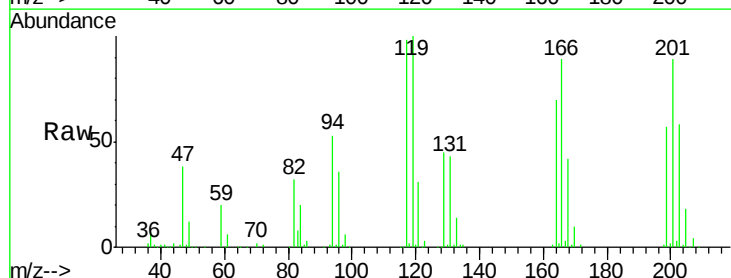
Acq: 29 Jun 2018 15:51

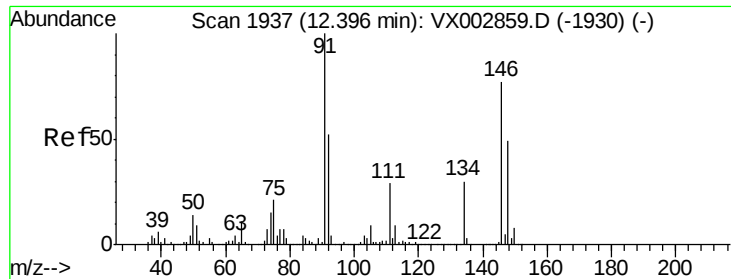
Tgt Ion: 117 Resp: 34641

Ion Ratio Lower Upper

117 100

201 99.2 49.0 147.0

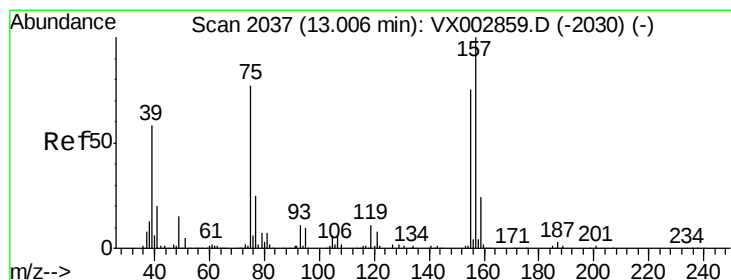
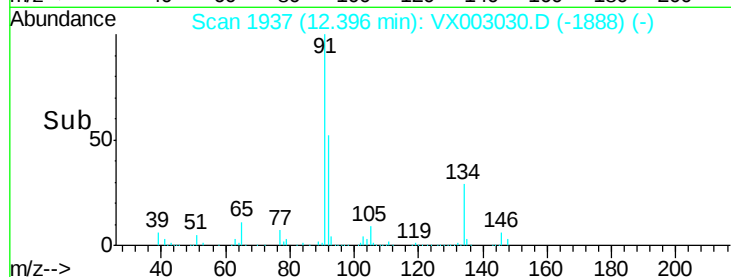
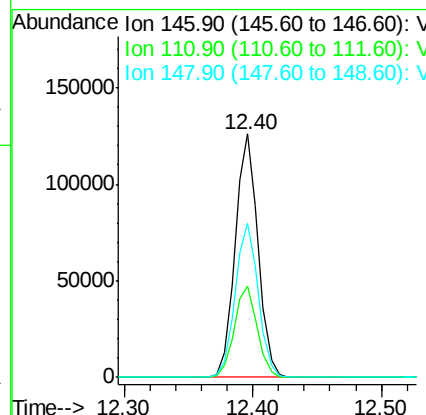
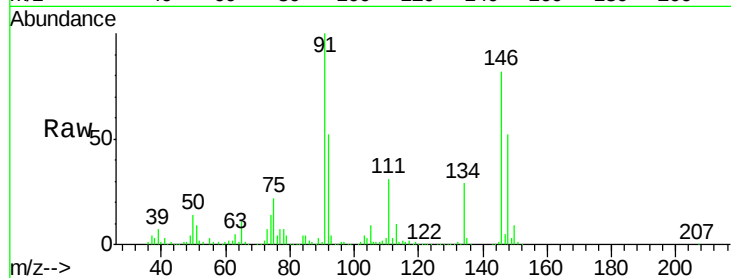




#91
 1,2-Dichlorobenzene
 Concen: 19.84 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

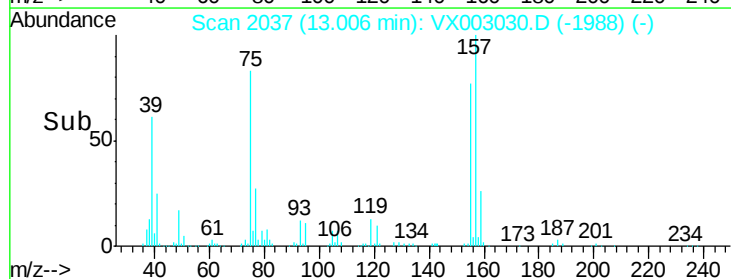
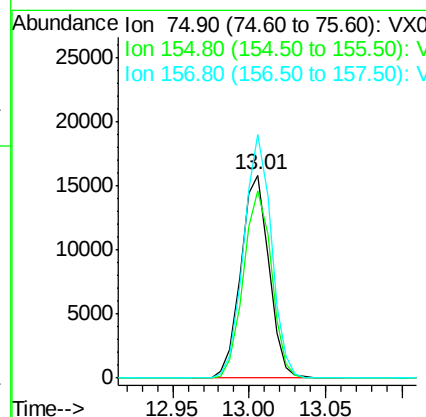
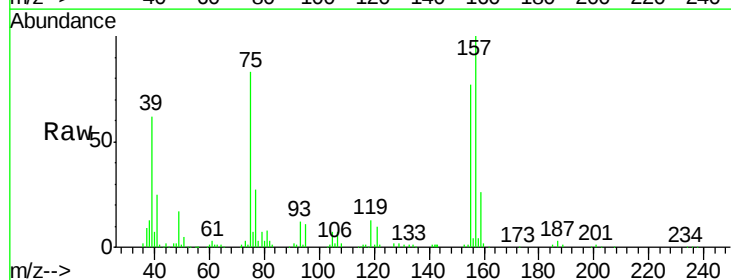
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 156130
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.4 58.1
 148 64.1 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.47 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Tgt Ion: 75 Resp: 20216
 Ion Ratio Lower Upper
 75 100
 155 91.9 45.8 137.4
 157 117.2 60.1 180.3

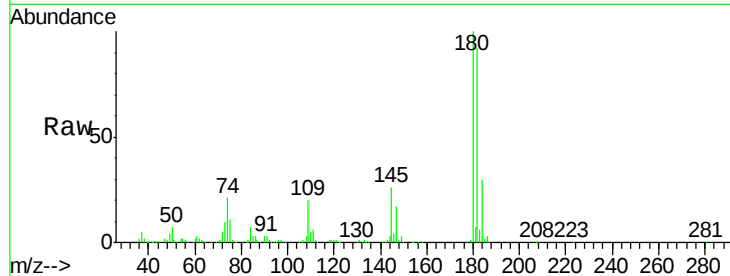




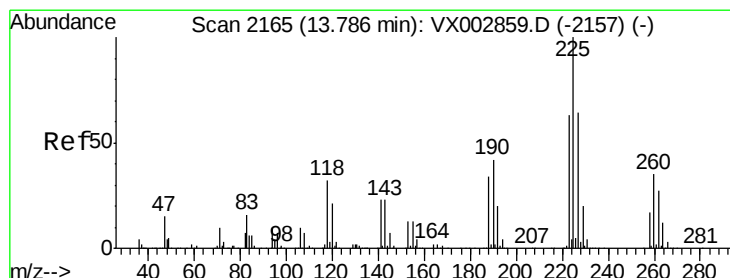
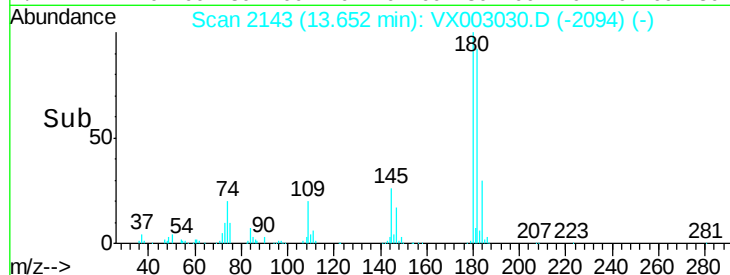
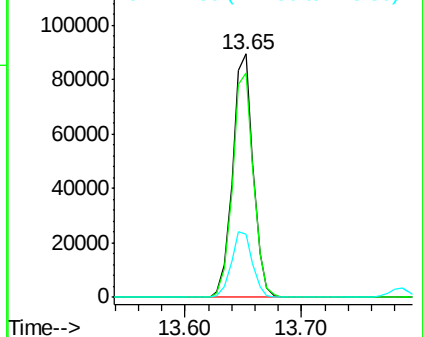
#93
 1,2,4-Trichlorobenzene
 Concen: 19.08 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 109280
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.7 143.1
 145 27.6 14.1 42.4

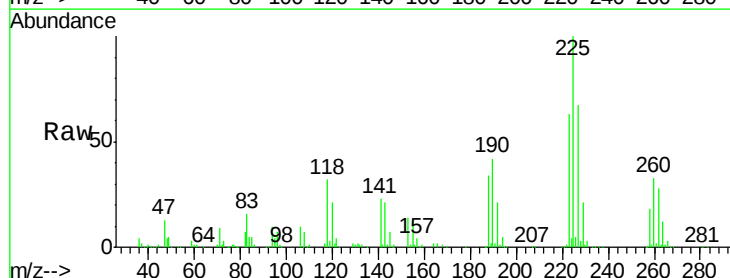


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

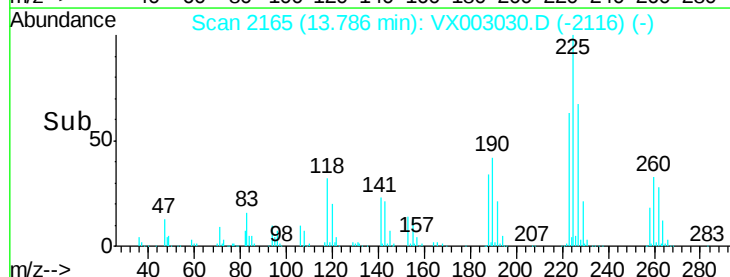
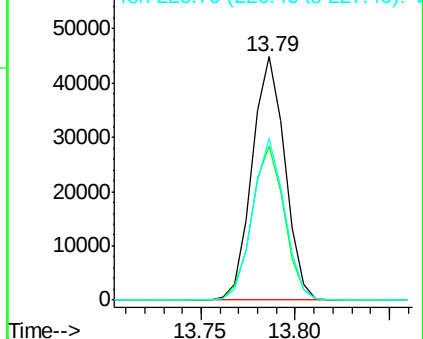


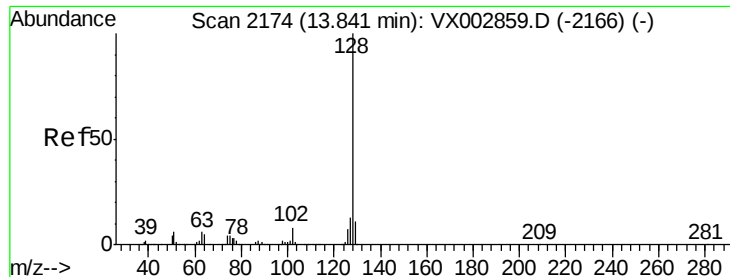
#94
 Hexachlorobutadiene
 Concen: 18.92 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003030.D
 Acq: 29 Jun 2018 15:51

Tgt Ion:225 Resp: 54045
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 95.0
 227 64.4 32.4 97.2



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





#95

Naphthalene

Concen: 20.59 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

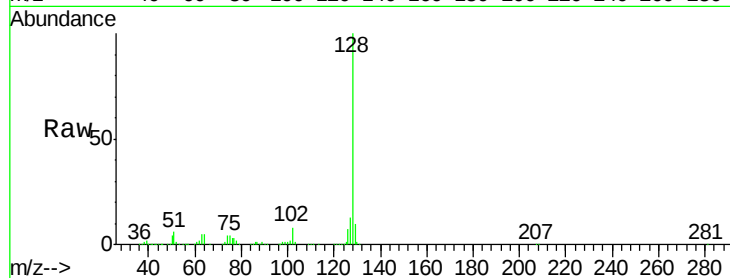
Tot Ion:128 Resp: 314077

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

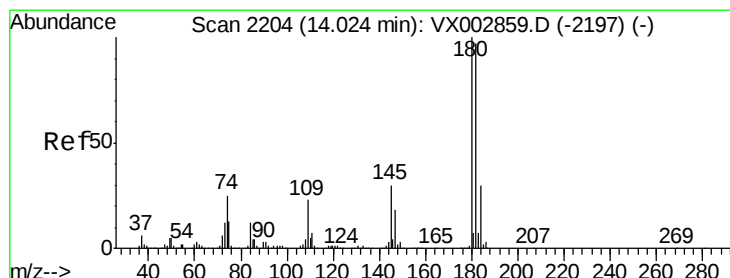
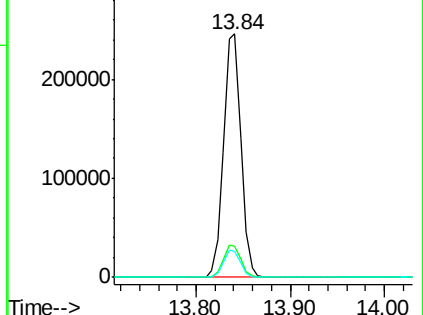
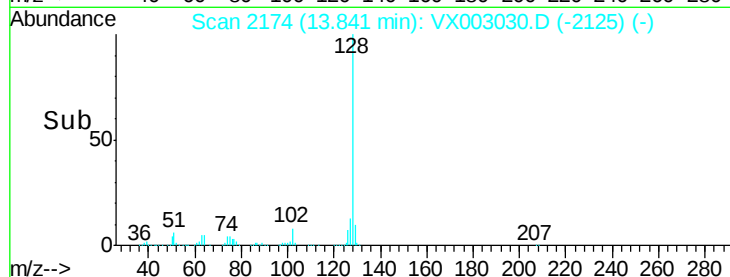
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.70 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003030.D

Acq: 29 Jun 2018 15:51

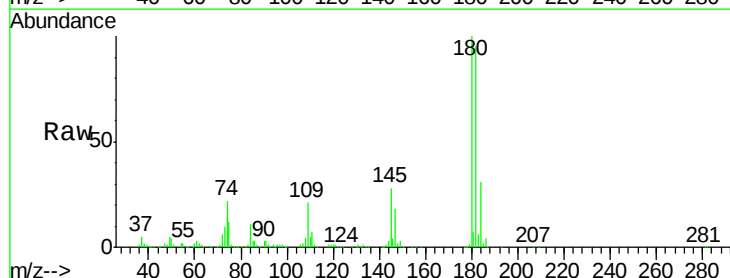
Tgt Ion:180 Resp: 112708

Ion Ratio Lower Upper

180 100

182 95.5 48.0 144.0

145 29.0 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

