

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
 Data File : VX000796.D
 Acq On : 12 Apr 2018 12:33
 Operator : JC/MD
 Sample : VX0412WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Quant Time: Apr 13 06:52:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	303800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401876	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	380607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	258557	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	173028	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	
35) Dibromofluoromethane	5.51	113	145708	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
50) Toluene-d8	8.72	98	540300	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
62) 4-Bromofluorobenzene	11.14	95	221339	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	70769	20.64	ug/l	98
3) Chloromethane	1.32	50	54367	18.49	ug/l	99
4) Vinyl Chloride	1.40	62	64740	19.57	ug/l	98
5) Bromomethane	1.64	94	27668	19.36	ug/l	98
6) Chloroethane	1.73	64	38279	19.10	ug/l	100
7) Trichlorofluoromethane	1.93	101	101580	20.36	ug/l	98
8) Diethyl Ether	2.19	74	36411	19.53	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61401	20.87	ug/l	99
10) Methyl Iodide	2.51	142	19677	15.41	ug/l	98
11) Tert butyl alcohol	3.06	59	69282	101.87	ug/l	99
12) 1,1-Dichloroethene	2.38	96	54360	19.50	ug/l	99
13) Acrolein	2.29	56	18833	57.02	ug/l	99
14) Allyl chloride	2.73	41	100873	19.56	ug/l	100
15) Acrylonitrile	3.15	53	144400	99.59	ug/l	99
16) Acetone	2.45	43	134950	102.16	ug/l	99
17) Carbon Disulfide	2.57	76	154702	18.32	ug/l	100
18) Methyl Acetate	2.78	43	70432	20.60	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	188349	20.28	ug/l	99
20) Methylene Chloride	2.86	84	60157	19.58	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	59661	19.40	ug/l	98
22) Diisopropyl ether	3.87	45	184842	19.51	ug/l	96
23) Vinyl Acetate	3.83	43	817004	98.21	ug/l	99
24) 1,1-Dichloroethane	3.70	63	104990	19.75	ug/l	98
25) 2-Butanone	4.71	43	220011	100.86	ug/l	99
26) 2,2-Dichloropropane	4.59	77	103518	19.62	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	68823	19.72	ug/l	99
28) Bromochloromethane	5.03	49	41315	19.30	ug/l	97
29) Tetrahydrofuran	5.17	42	136747	98.73	ug/l	100
30) Chloroform	5.23	83	113611	20.18	ug/l	98
31) Cyclohexane	5.58	56	98908	19.59	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	105233	19.62	ug/l	99
36) 1,1-Dichloropropene	5.81	75	86478	19.54	ug/l	99
37) Ethyl Acetate	4.87	43	85830	19.86	ug/l	100
38) Carbon Tetrachloride	5.79	117	97201	19.62	ug/l	99

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 ClientSampleId :
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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	106893	20.11	ug/l	99
40) Benzene	6.15	78	245427	19.96	ug/l	99
41) Methacrylonitrile	5.07	41	50230	20.12	ug/l	99
42) 1,2-Dichloroethane	6.20	62	92570	20.15	ug/l	100
43) Isopropyl Acetate	6.47	43	145990	19.71	ug/l	100
44) Trichloroethene	7.22	130	76486	20.00	ug/l	95
45) 1,2-Dichloropropane	7.52	63	63746	20.36	ug/l	94
46) Dibromomethane	7.67	93	43911	20.11	ug/l	99
47) Bromodichloromethane	7.90	83	88255	20.03	ug/l	97
48) Methyl methacrylate	7.79	41	76358	19.89	ug/l	99
49) 1,4-Dioxane	7.76	88	31457	407.66	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	440595	101.26	ug/l	99
52) Toluene	8.79	92	162597	19.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	105473	19.96	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	101859	19.79	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	64665	19.97	ug/l	99
56) Ethyl methacrylate	9.19	69	99648	19.94	ug/l	99
57) 1,3-Dichloropropane	9.38	76	105342	20.46	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	176832	75.75	ug/l	100
59) 2-Hexanone	9.51	43	340551	101.38	ug/l	100
60) Dibromochloromethane	9.59	129	76494	19.74	ug/l	100
61) 1,2-Dibromoethane	9.68	107	68490	19.93	ug/l	99
64) Tetrachloroethene	9.34	164	76899	20.66	ug/l	100
65) Chlorobenzene	10.15	112	192979	20.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	71206	19.76	ug/l	100
67) Ethyl Benzene	10.26	91	318475	19.95	ug/l	100
68) m/p-Xylenes	10.37	106	252236	40.03	ug/l	99
69) o-Xylene	10.71	106	122723	20.21	ug/l	100
70) Styrene	10.72	104	202177	19.75	ug/l	99
71) Bromoform	10.87	173	63905	19.15	ug/l	# 100
73) Isopropylbenzene	11.02	105	335854	20.48	ug/l	100
74) N-amyl acetate	6.47	43	145990	19.76	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	93948	19.74	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	113293	25.41	ug/l	84
77) Bromobenzene	11.26	156	93942	19.54	ug/l	99
78) n-propylbenzene	11.37	91	381311	20.32	ug/l	99
79) 2-Chlorotoluene	11.43	91	223775	20.18	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	284311	20.15	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	30012	18.51	ug/l	97
82) 4-Chlorotoluene	11.52	91	267830	20.01	ug/l	100
83) tert-Butylbenzene	11.77	119	293632	20.35	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	291740	20.03	ug/l	99
85) sec-Butylbenzene	11.95	105	348569	20.47	ug/l	99
86) p-Isopropyltoluene	12.07	119	325674	20.51	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	176520	19.84	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	182309	19.99	ug/l	99
89) n-Butylbenzene	12.40	91	290924	20.76	ug/l	100
90) Hexachloroethane	12.60	117	52280	19.46	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	171778	20.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21934	18.39	ug/l	99

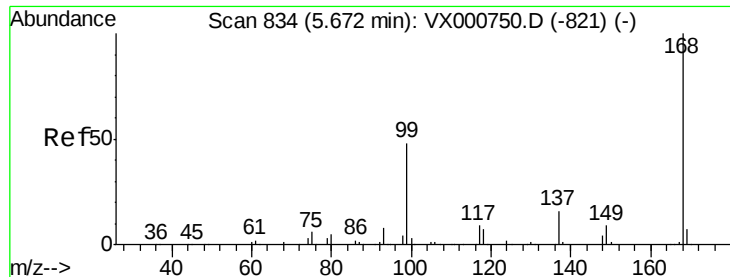
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
Data File : VX000796.D
Acq On : 12 Apr 2018 12:33
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Quant Time: Apr 13 06:52:16 2018
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Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	148982	20.33	ug/l	99
94) Hexachlorobutadiene	13.79	225	77667	21.55	ug/l	99
95) Naphthalene	13.84	128	377195	20.05	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	143131	20.11	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

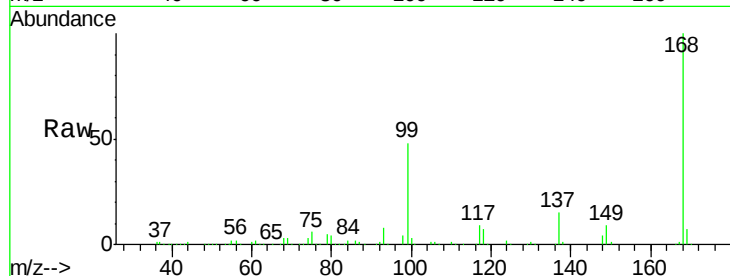
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion:168 Resp: 303800

Ion Ratio Lower Upper

168 100

99 47.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

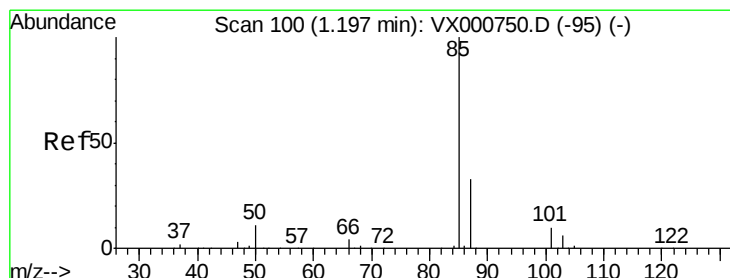
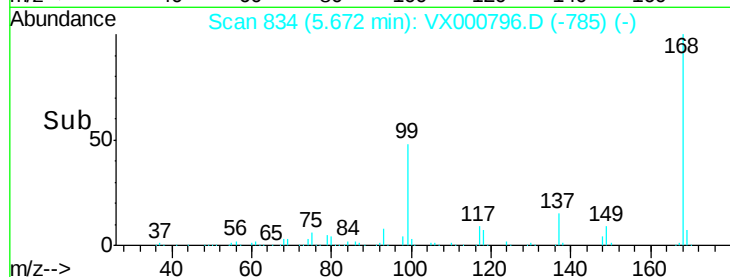
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.64 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000796.D

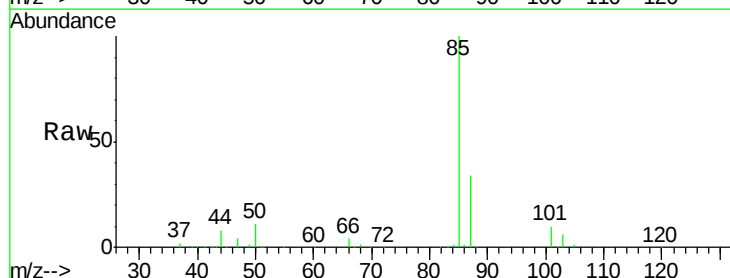
Acq: 12 Apr 2018 12:33

Tgt Ion: 85 Resp: 70769

Ion Ratio Lower Upper

85 100

87 33.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

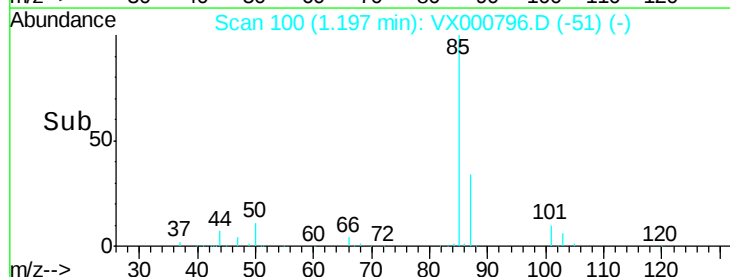
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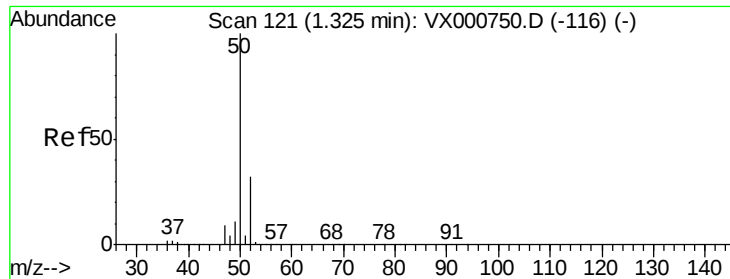
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.49 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

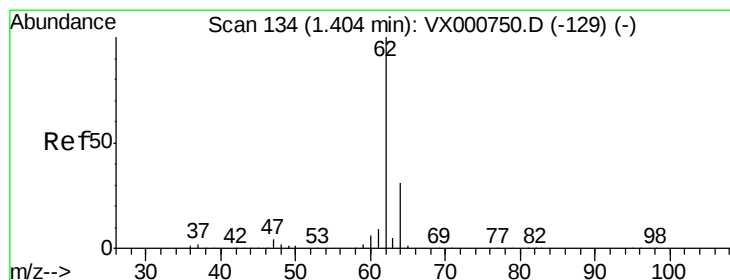
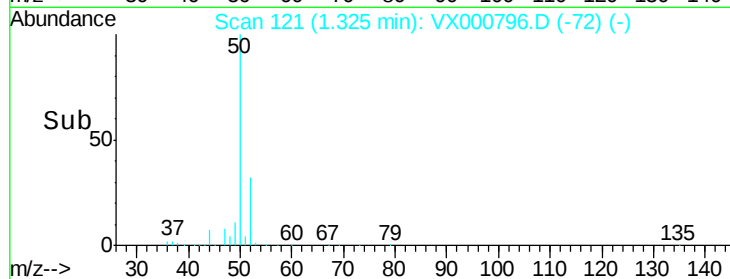
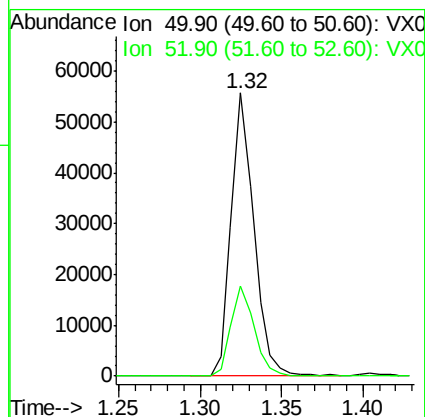
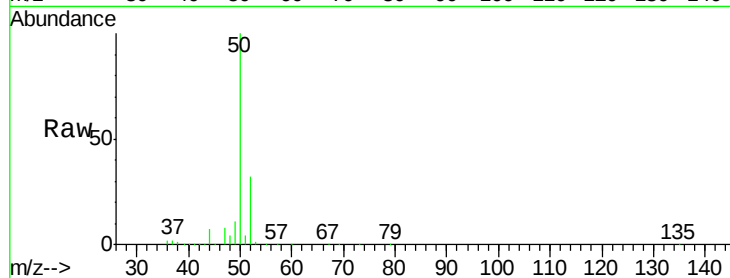
VX0412WBS01

Tgt Ion: 50 Resp: 54367

Ion Ratio Lower Upper

50 100

52 31.9 25.8 38.8



#4

Vinyl Chloride

Concen: 19.57 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000796.D

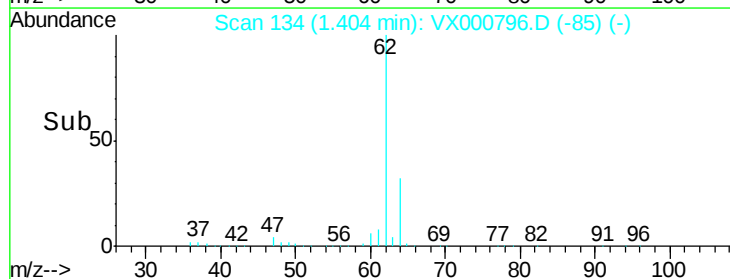
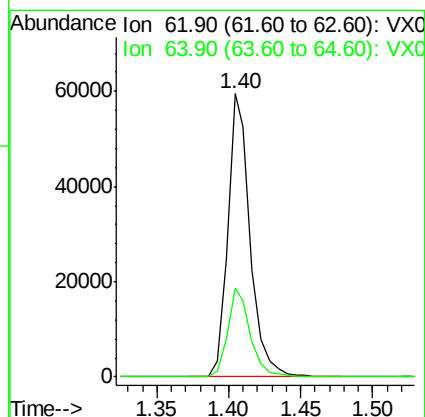
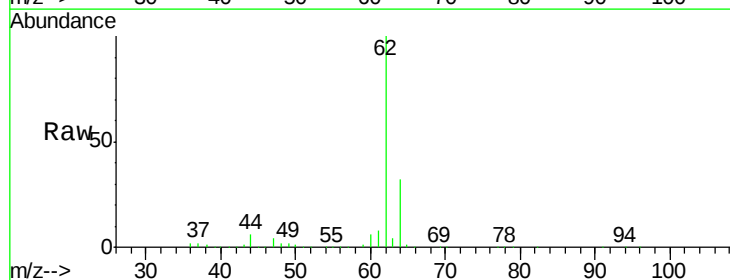
Acq: 12 Apr 2018 12:33

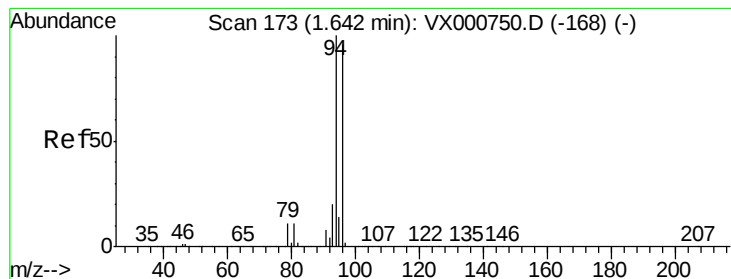
Tgt Ion: 62 Resp: 64740

Ion Ratio Lower Upper

62 100

64 31.5 24.6 36.8





#5

Bromomethane

Concen: 19.36 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

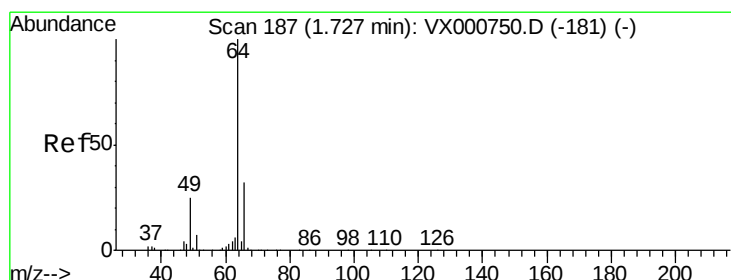
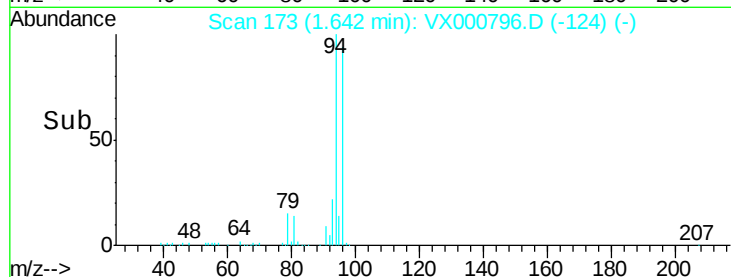
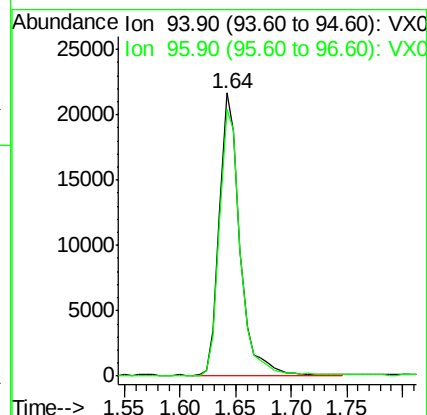
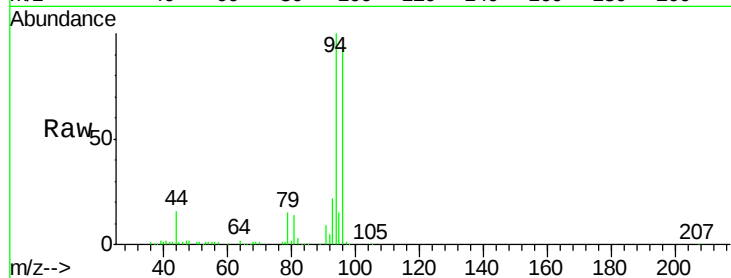
VX0412WBS01

Tgt Ion: 94 Resp: 27668

Ion Ratio Lower Upper

94 100

96 94.2 77.0 115.6



#6

Chloroethane

Concen: 19.10 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000796.D

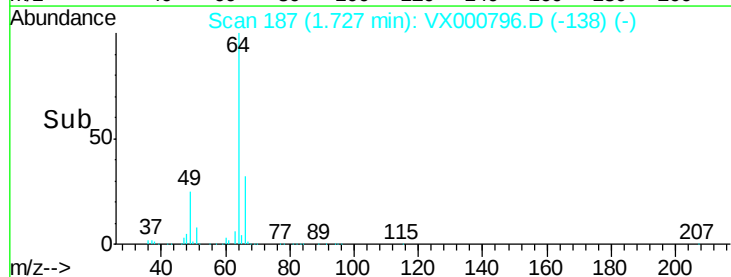
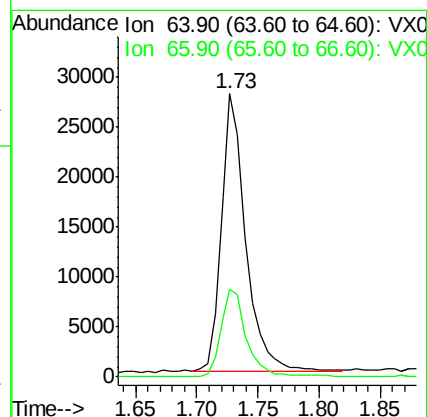
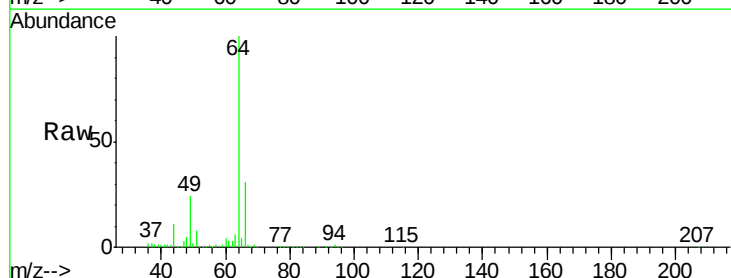
Acq: 12 Apr 2018 12:33

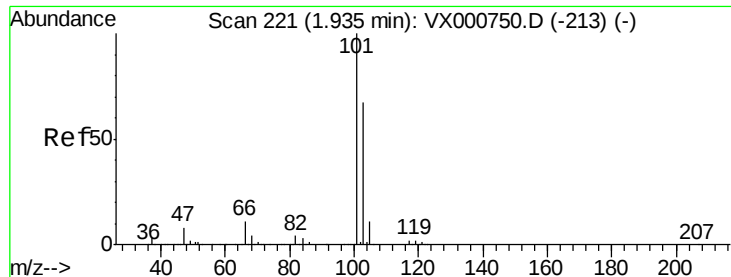
Tgt Ion: 64 Resp: 38279

Ion Ratio Lower Upper

64 100

66 31.4 25.3 37.9



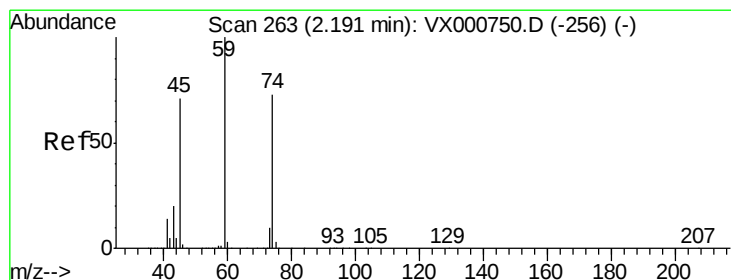
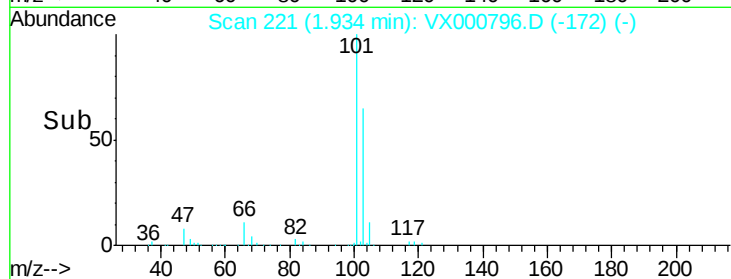
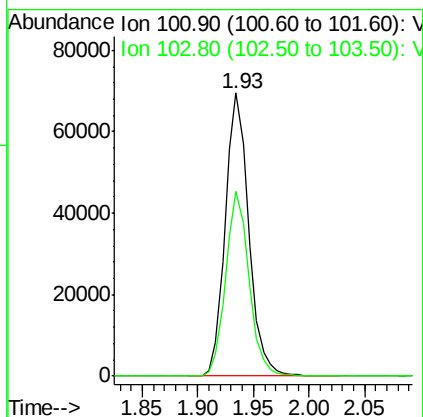
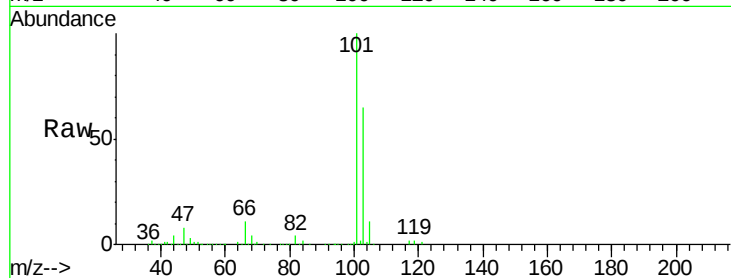


#7

Trichlorofluoromethane
 Concen: 20.36 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

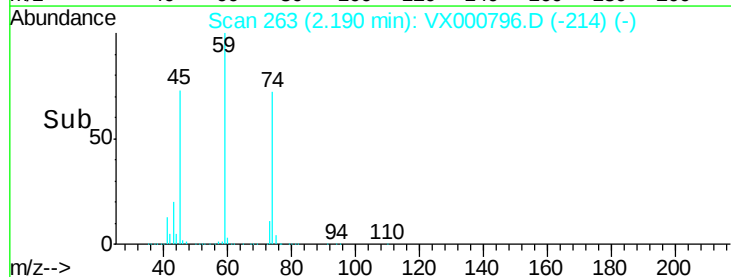
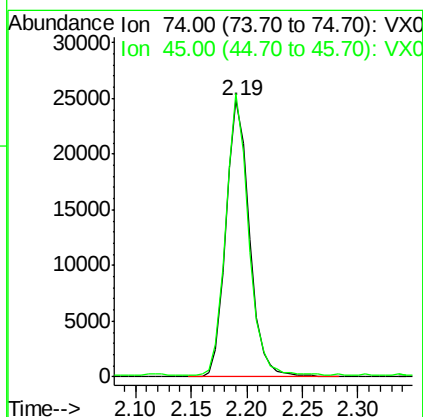
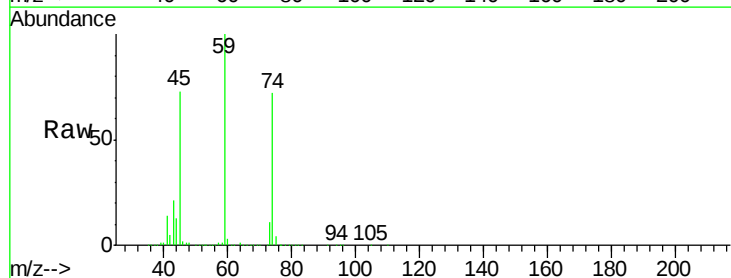
Tgt Ion:101 Resp: 101580
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.2 79.8

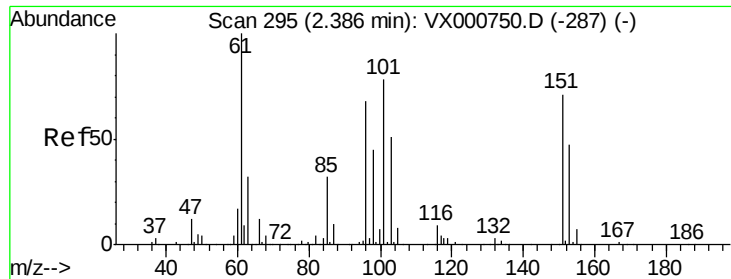


#8

Diethyl Ether
 Concen: 19.53 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

Tgt Ion: 74 Resp: 36411
 Ion Ratio Lower Upper
 74 100
 45 97.8 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.87 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

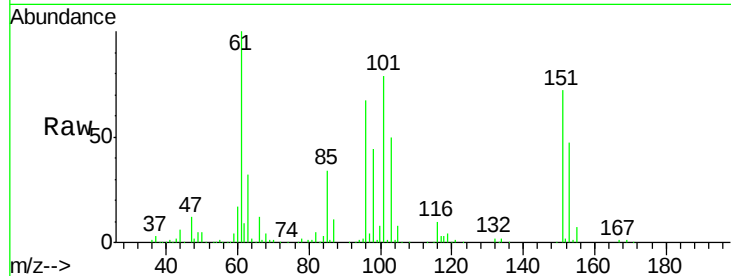
Tgt Ion:101 Resp: 61401

Ion Ratio Lower Upper

101 100

85 42.7 34.0 51.0

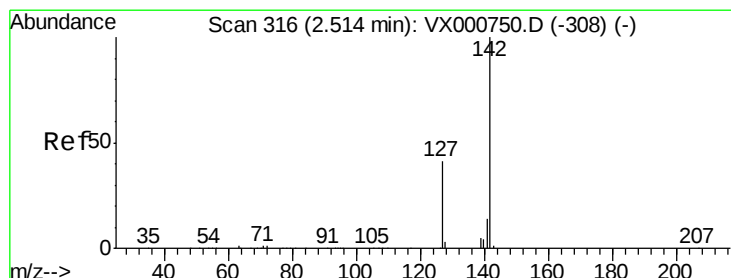
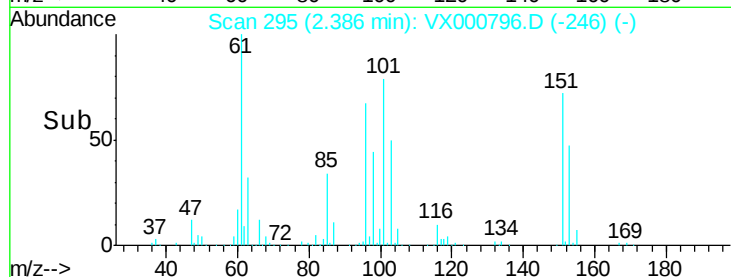
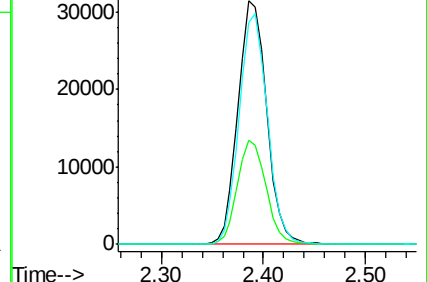
151 93.1 75.8 113.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.41 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

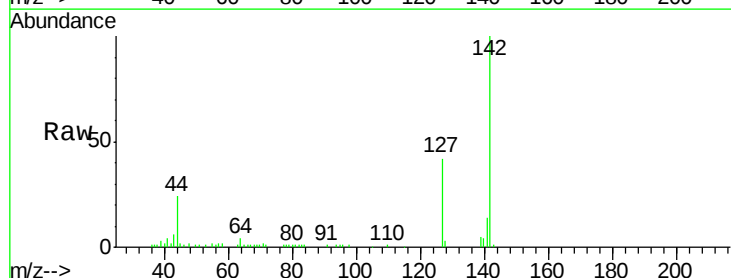
Tgt Ion:142 Resp: 19677

Ion Ratio Lower Upper

142 100

127 42.2 32.6 49.0

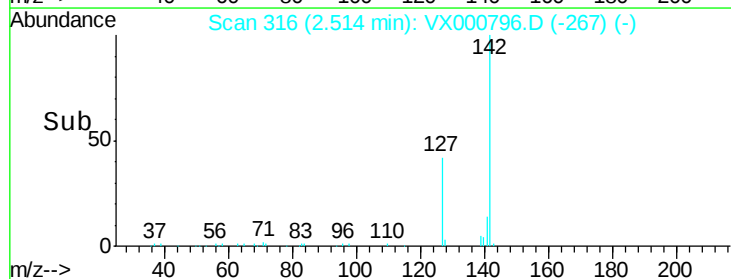
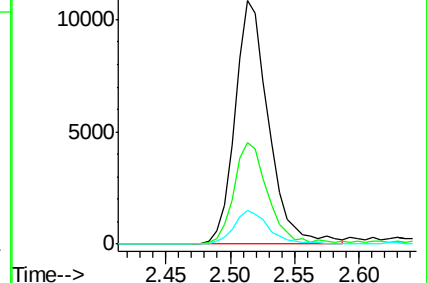
141 14.2 11.5 17.3

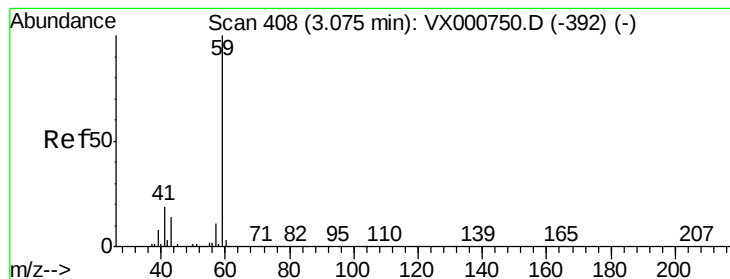


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



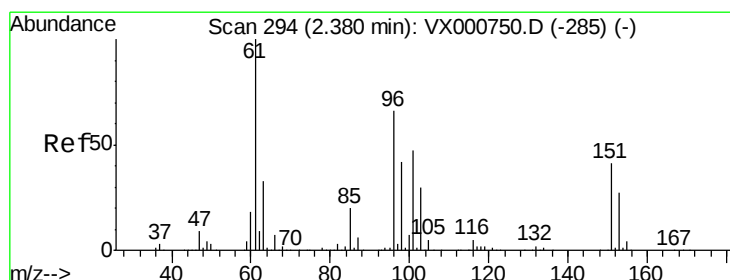
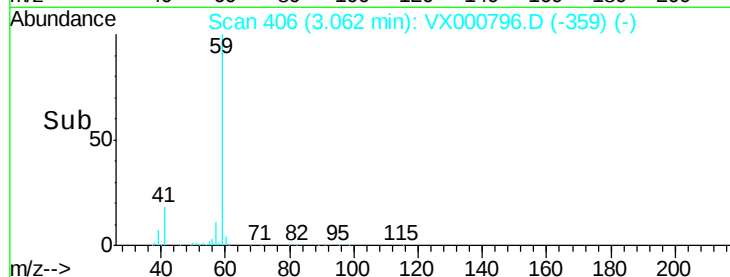
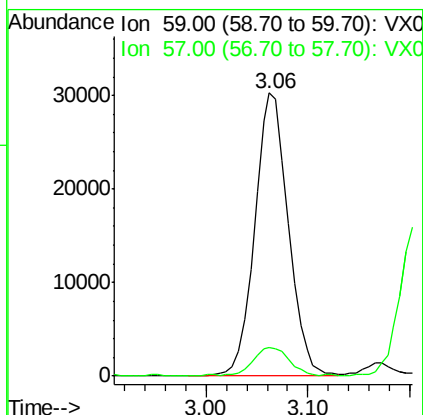
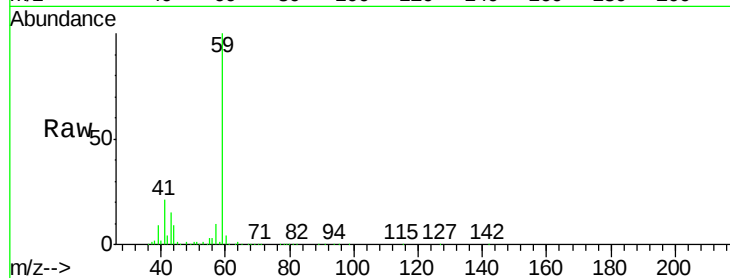


#11

Tert butyl alcohol
Concen: 101.87 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

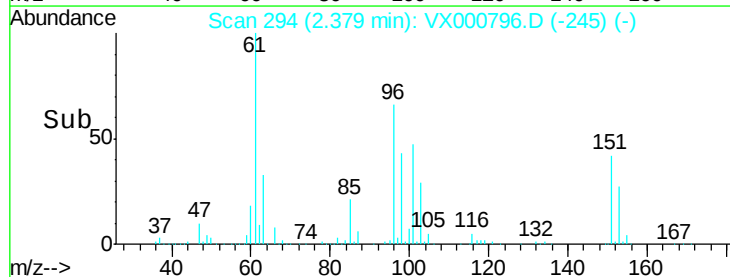
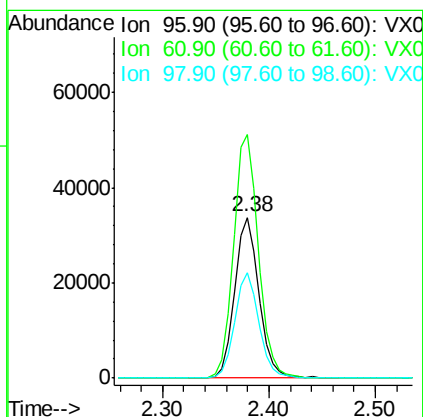
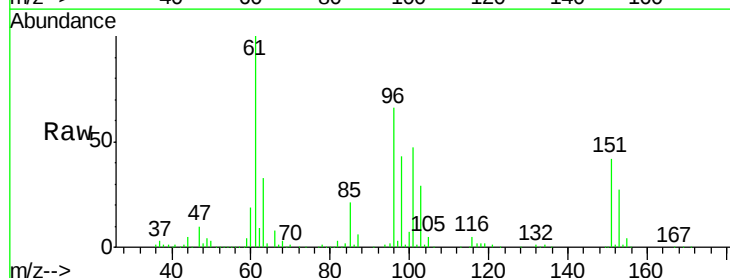
Tgt Ion: 59 Resp: 69282
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6

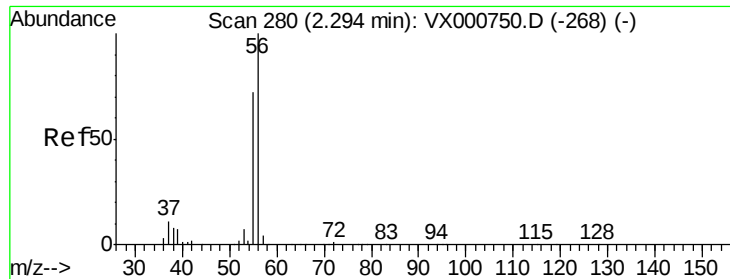


#12

1,1-Dichloroethene
Concen: 19.50 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion: 96 Resp: 54360
Ion Ratio Lower Upper
96 100
61 151.8 120.5 180.7
98 65.6 50.9 76.3





#13

Acrolein

Concen: 57.02 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

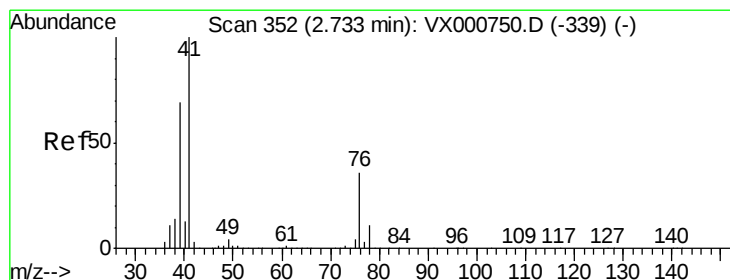
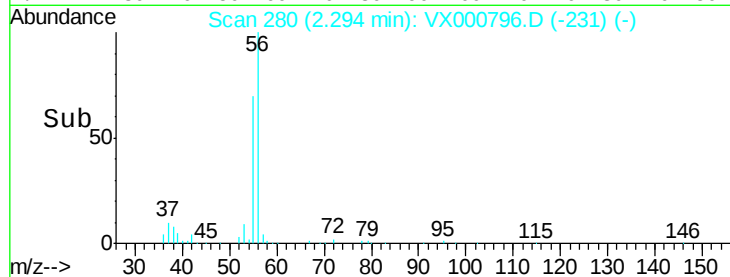
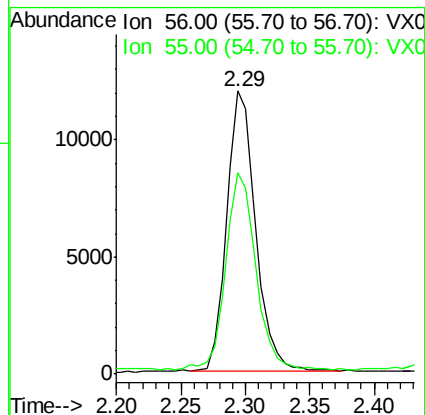
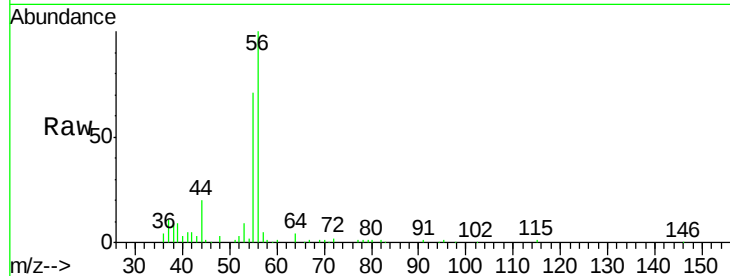
VX0412WBS01

Tgt Ion: 56 Resp: 18833

Ion Ratio Lower Upper

56 100

55 74.4 58.7 88.1



#14

Allyl chloride

Concen: 19.56 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

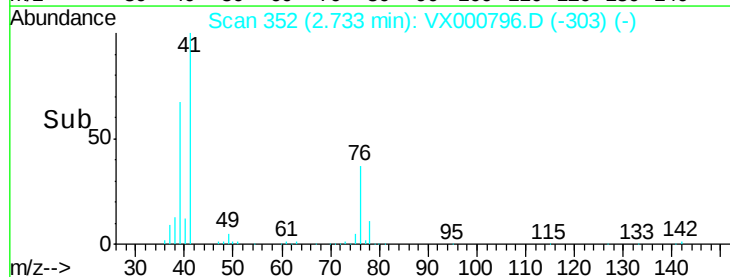
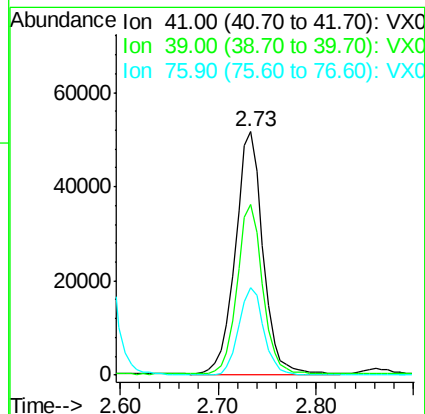
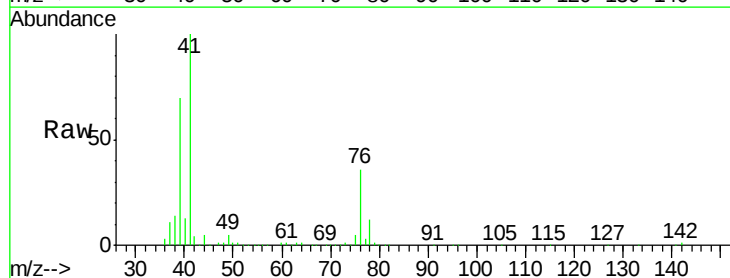
Tgt Ion: 41 Resp: 100873

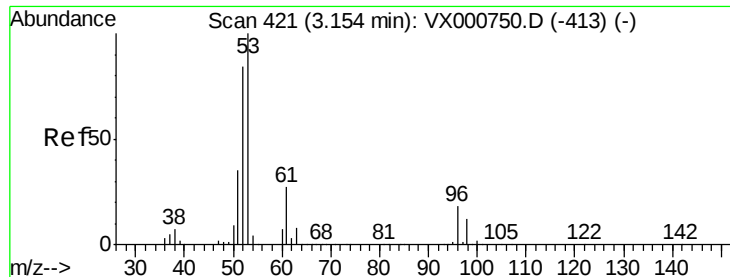
Ion Ratio Lower Upper

41 100

39 64.7 51.5 77.3

76 32.8 26.5 39.7





#15

Acrylonitrile

Concen: 99.59 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

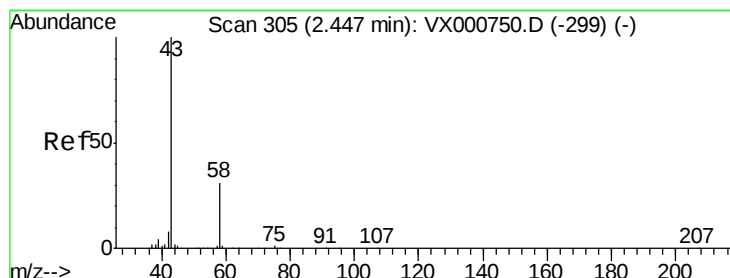
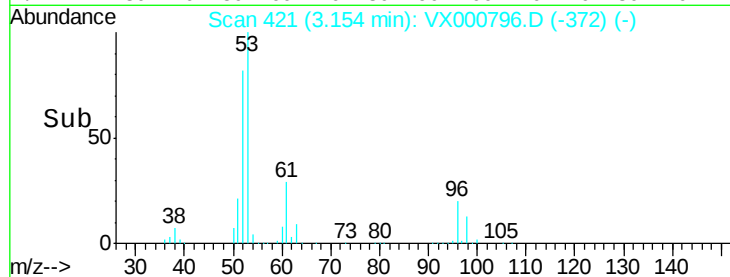
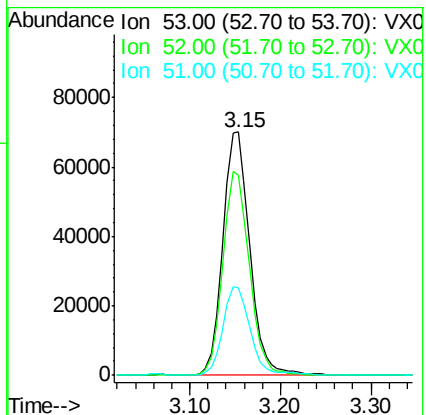
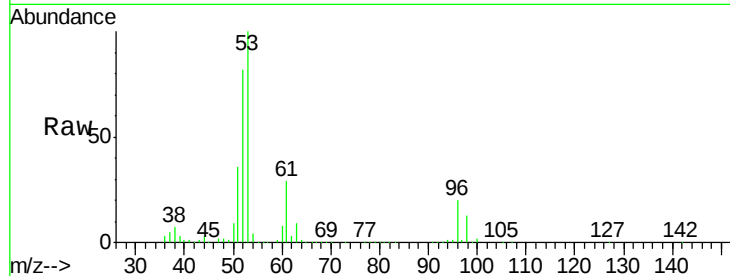
Tgt Ion: 53 Resp: 144400

Ion Ratio Lower Upper

53 100

52 83.0 66.5 99.7

51 36.9 28.8 43.2



#16

Acetone

Concen: 102.16 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000796.D

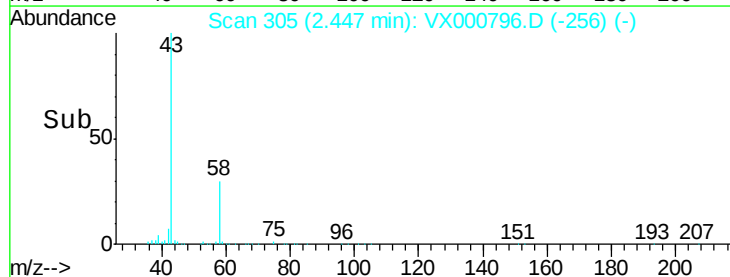
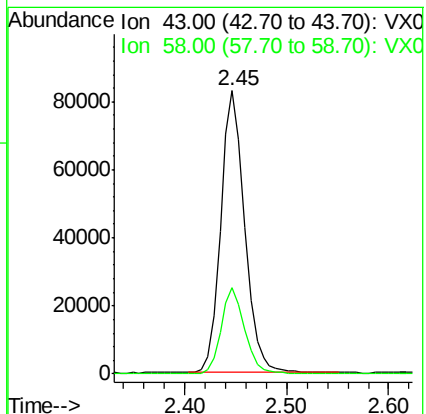
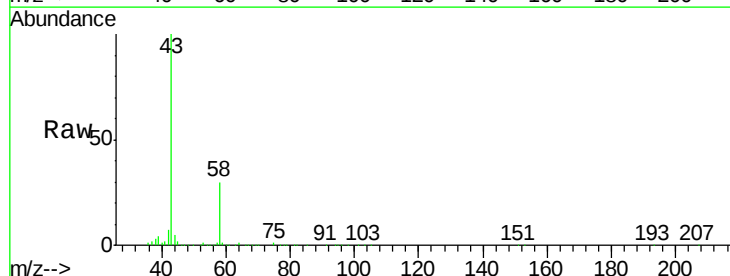
Acq: 12 Apr 2018 12:33

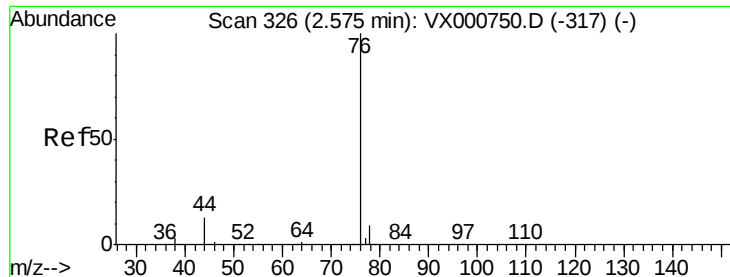
Tgt Ion: 43 Resp: 134950

Ion Ratio Lower Upper

43 100

58 30.4 24.6 37.0

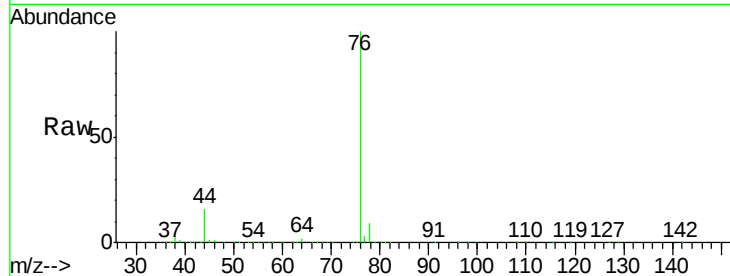




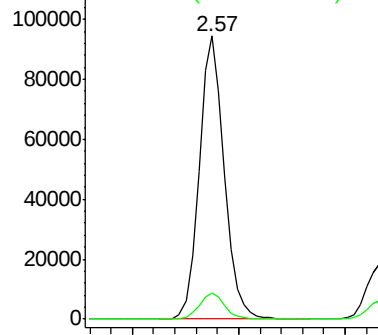
#17
Carbon Disulfide
Concen: 18.32 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

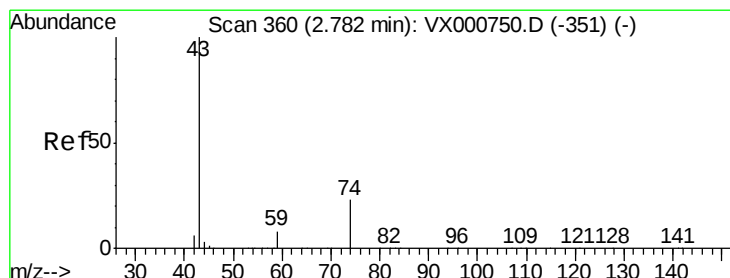
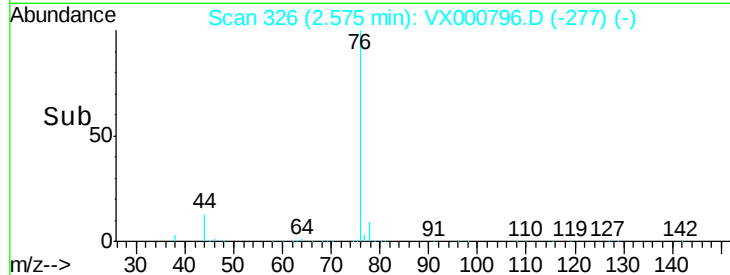
Tgt Ion: 76 Resp: 154702
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0

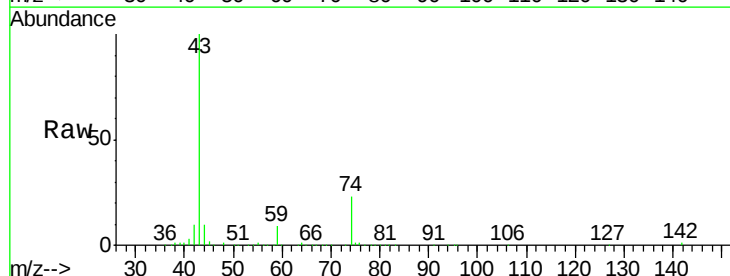


Time-->

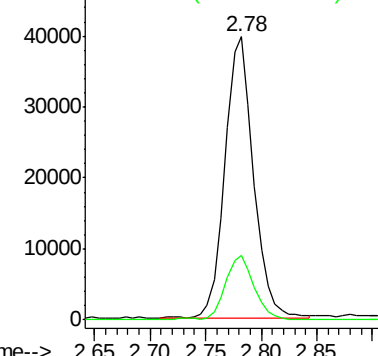


#18
Methyl Acetate
Concen: 20.60 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

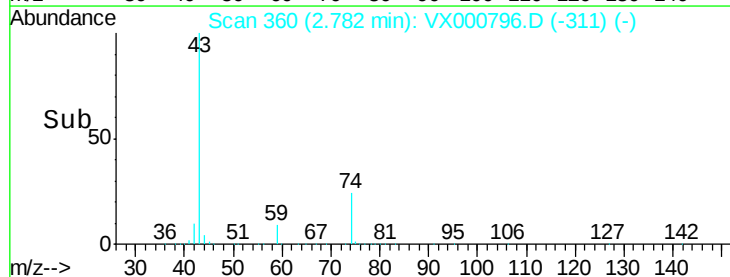
Tgt Ion: 43 Resp: 70432
Ion Ratio Lower Upper
43 100
74 22.8 19.1 28.7

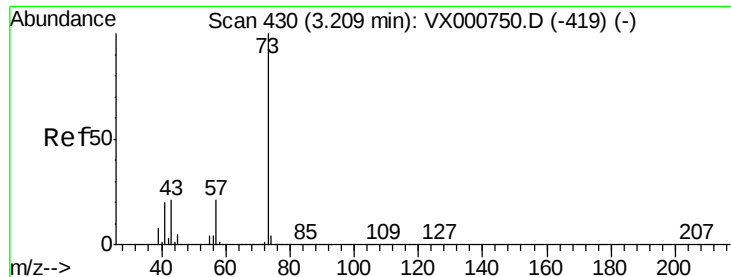


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0



Time-->

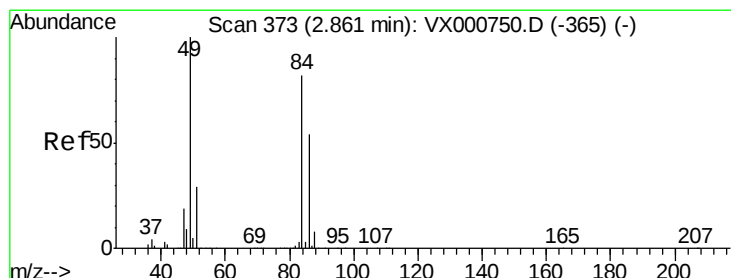
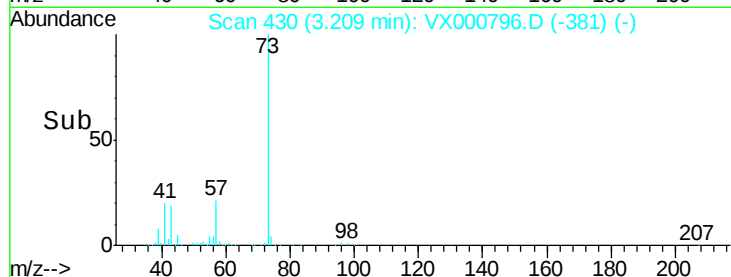
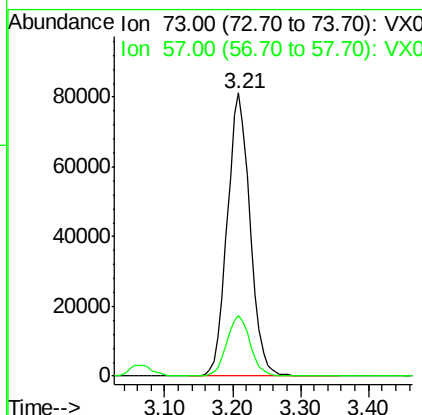
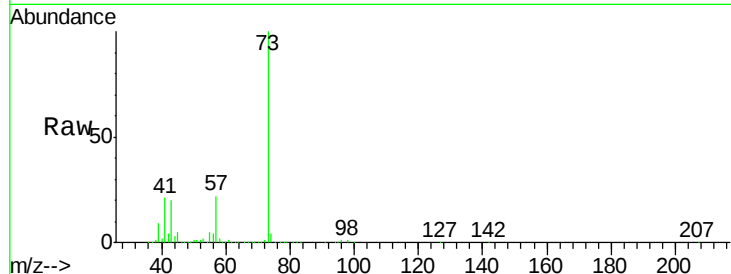




#19
Methyl tert-butyl Ether
Concen: 20.28 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

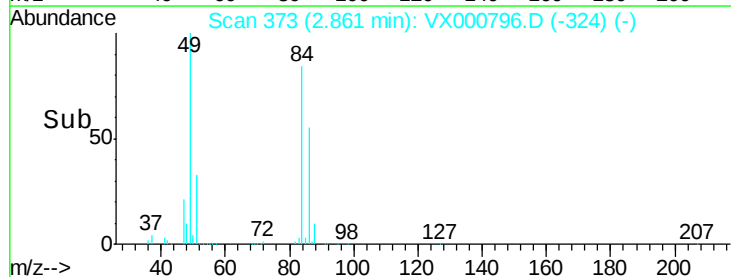
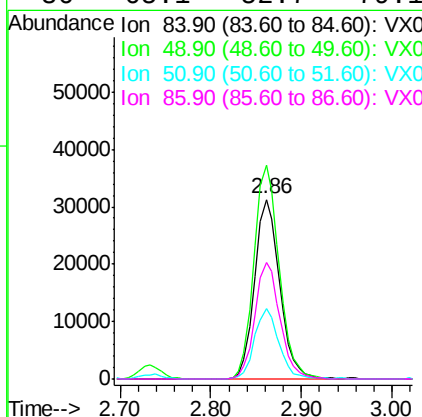
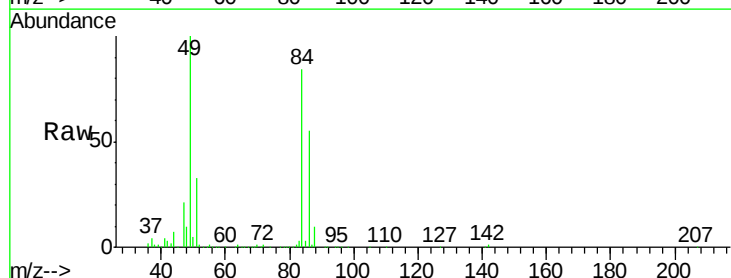
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

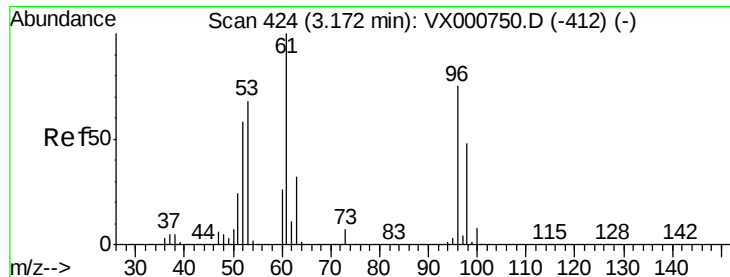
Tgt Ion: 73 Resp: 188349
Ion Ratio Lower Upper
73 100
57 21.5 16.9 25.3



#20
Methylene Chloride
Concen: 19.58 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion: 84 Resp: 60157
Ion Ratio Lower Upper
84 100
49 119.1 98.1 147.1
51 39.2 28.9 43.3
86 65.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 19.40 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampled :

VX0412WBS01

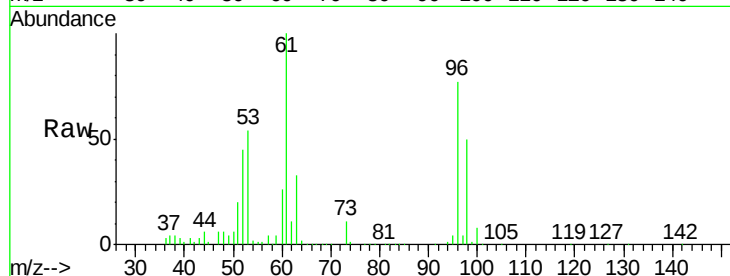
Tgt Ion: 96 Resp: 59661

Ion Ratio Lower Upper

96 100

61 130.0 106.2 159.2

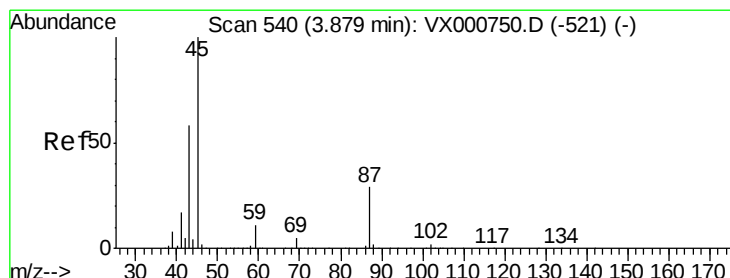
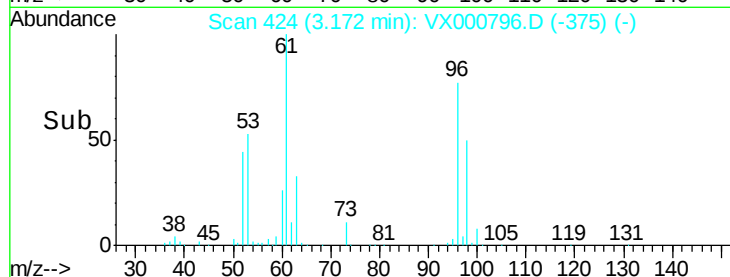
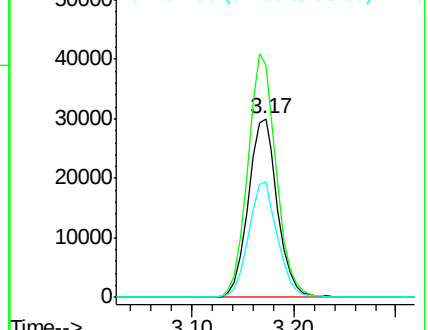
98 64.7 51.2 76.8



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: 19.51 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Tgt Ion: 45 Resp: 184842

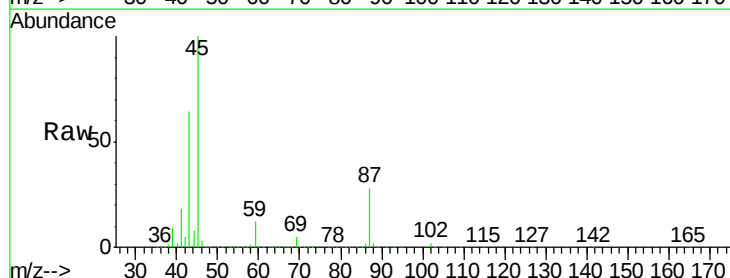
Ion Ratio Lower Upper

45 100

43 62.4 46.6 69.8

87 28.5 22.9 34.3

59 11.8 9.2 13.8

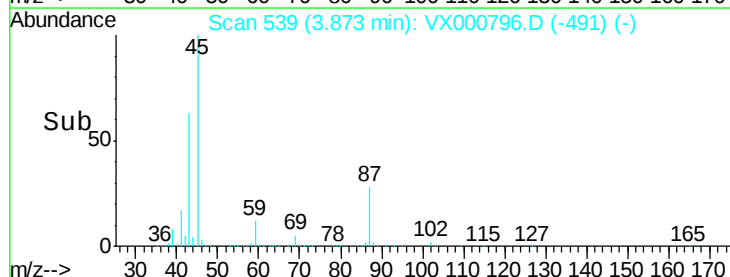
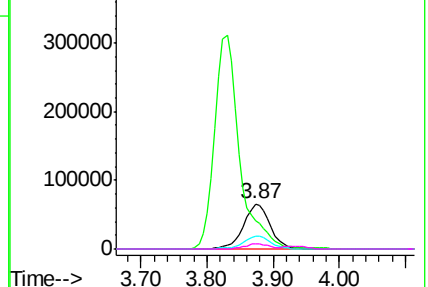


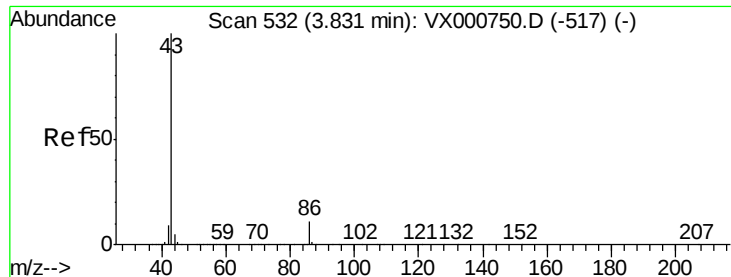
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 98.21 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

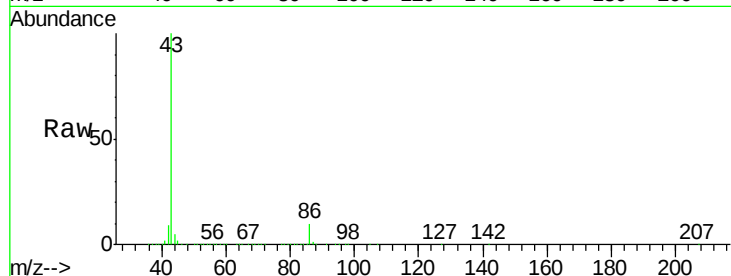
VX0412WBS01

Tgt Ion: 43 Resp: 817004

Ion Ratio Lower Upper

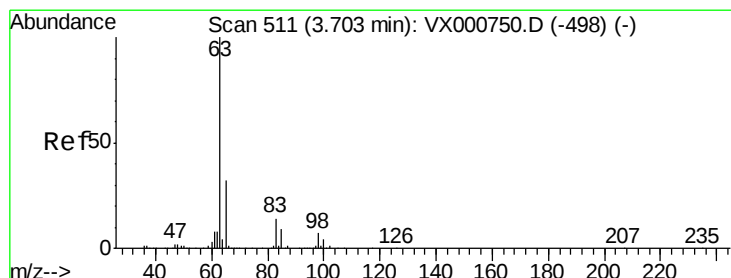
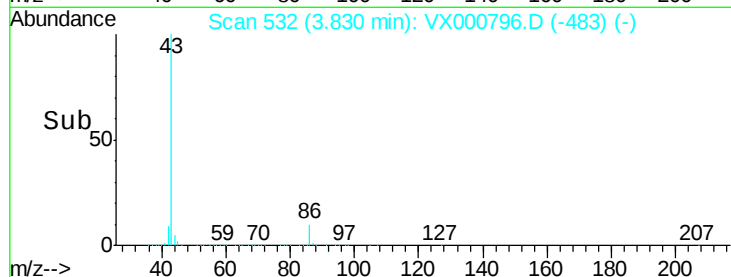
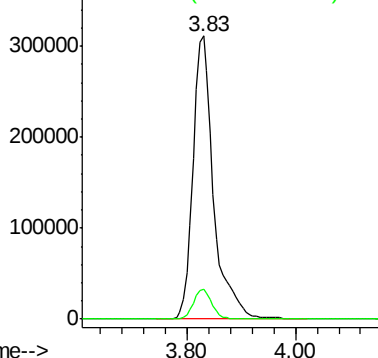
43 100

86 10.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.75 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

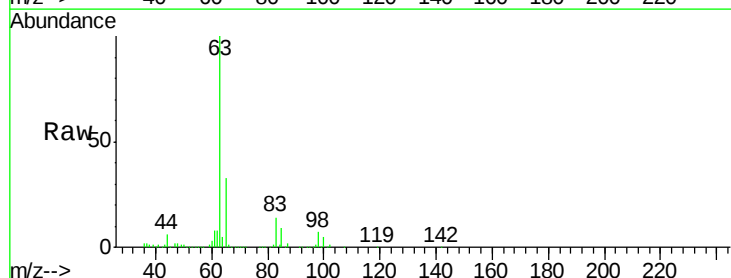
Tgt Ion: 63 Resp: 104990

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

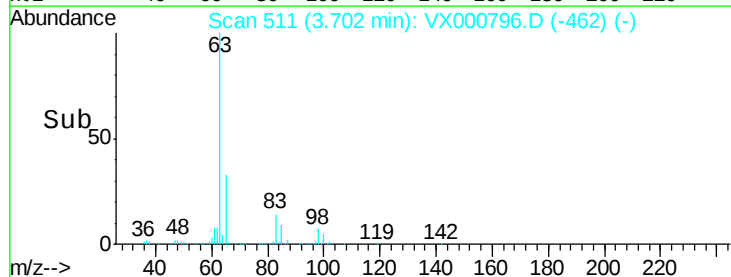
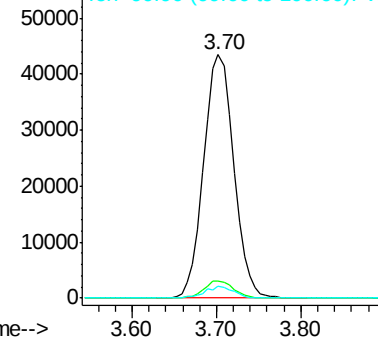
100 5.0 2.1 6.3

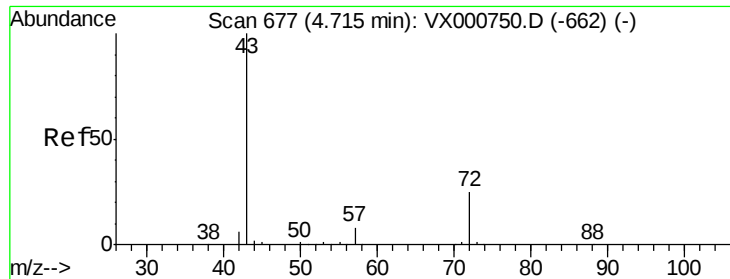


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.86 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

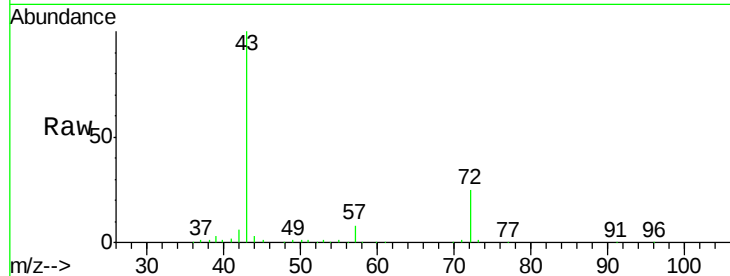
VX0412WBS01

Tgt Ion: 43 Resp: 220011

Ion Ratio Lower Upper

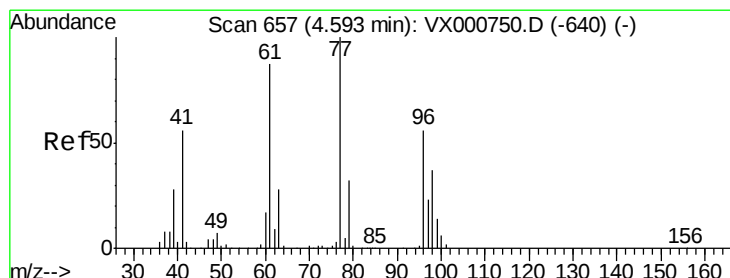
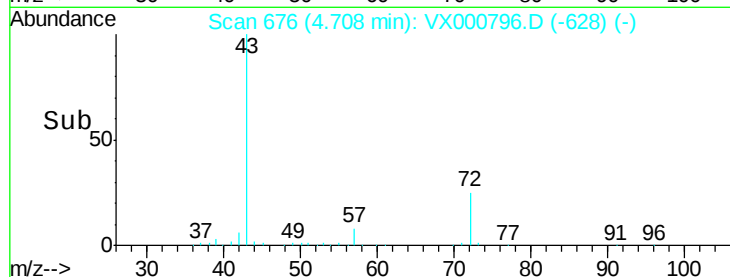
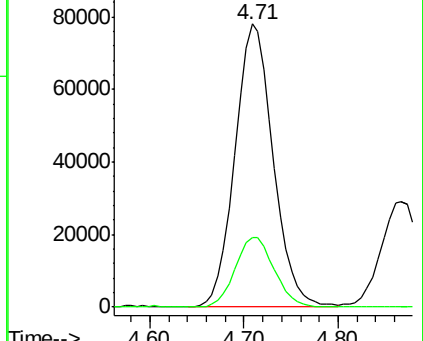
43 100

72 24.7 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.62 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000796.D

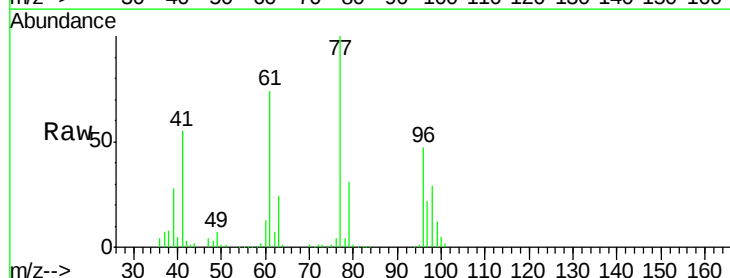
Acq: 12 Apr 2018 12:33

Tgt Ion: 77 Resp: 103518

Ion Ratio Lower Upper

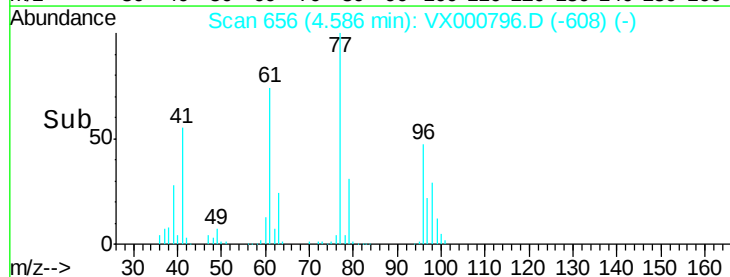
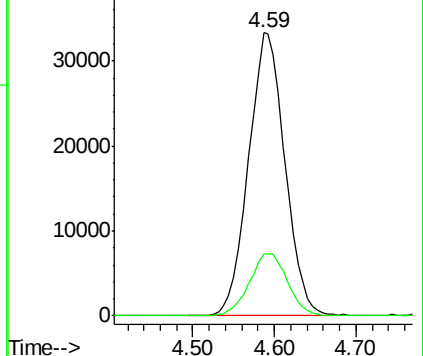
77 100

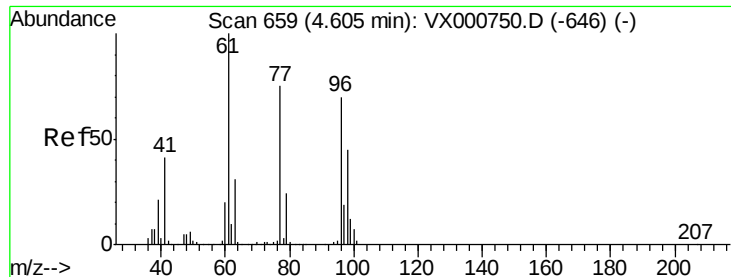
97 23.2 11.5 34.4



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: 19.72 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

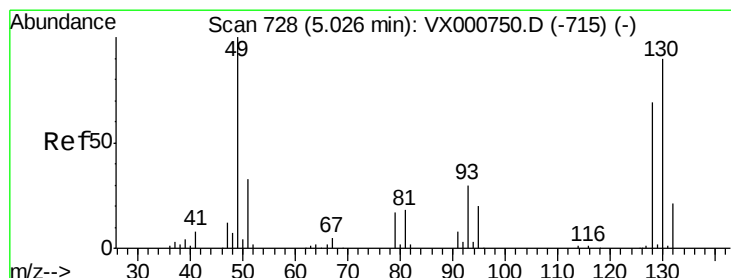
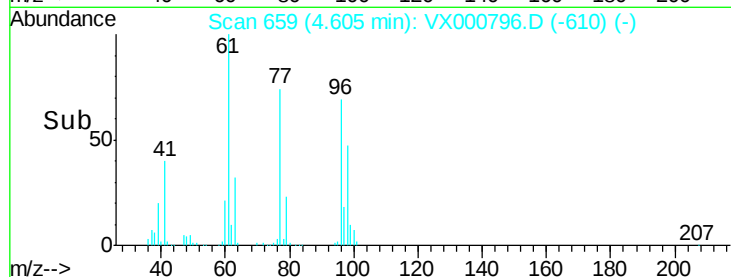
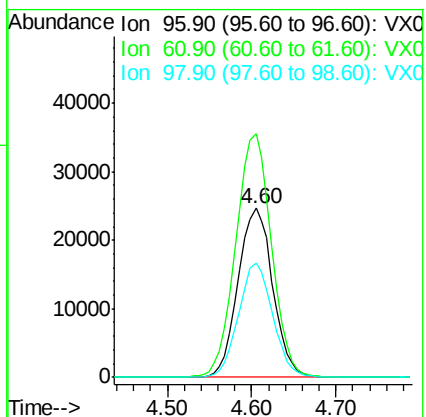
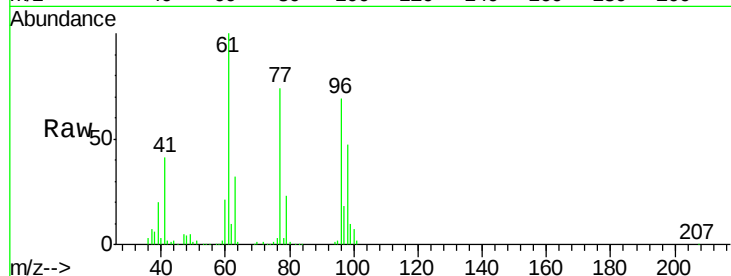
Tgt Ion: 96 Resp: 68823

Ion Ratio Lower Upper

96 100

61 148.0 0.0 292.4

98 66.2 0.0 130.2



#28

Bromochloromethane

Concen: 19.30 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

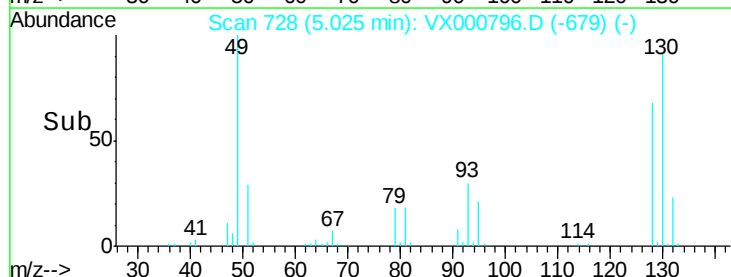
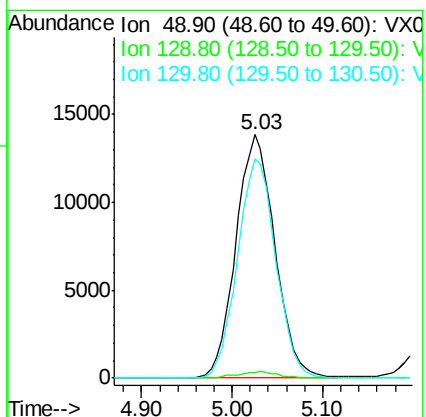
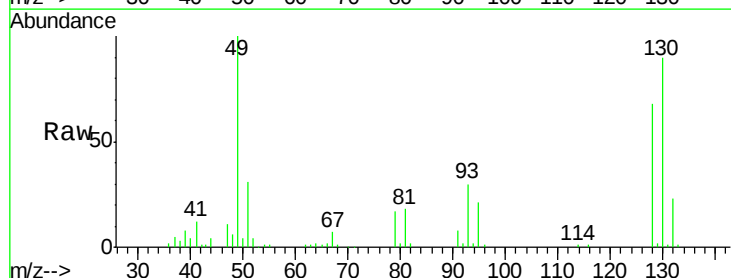
Tgt Ion: 49 Resp: 41315

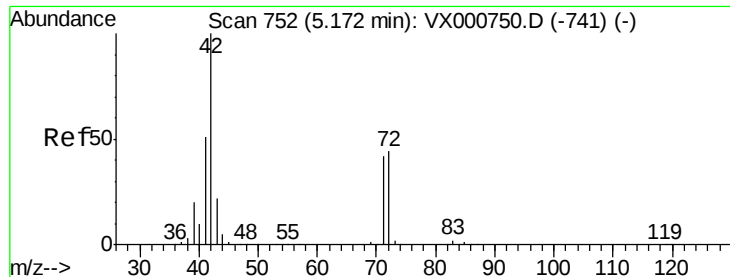
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.2

130 88.3 72.6 109.0





#29

Tetrahydrofuran

Concen: 98.73 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

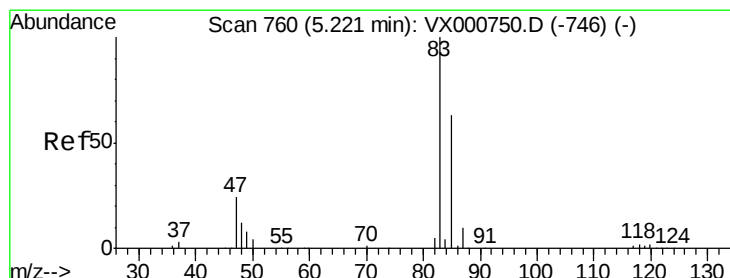
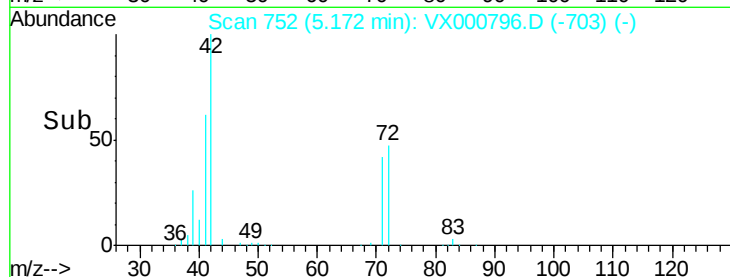
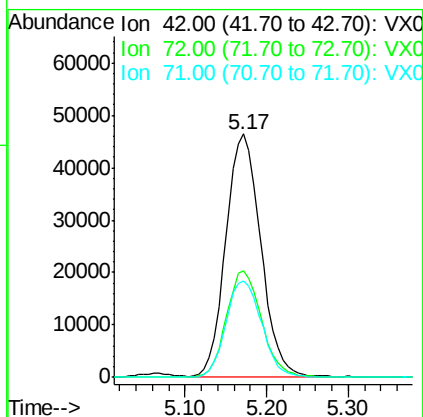
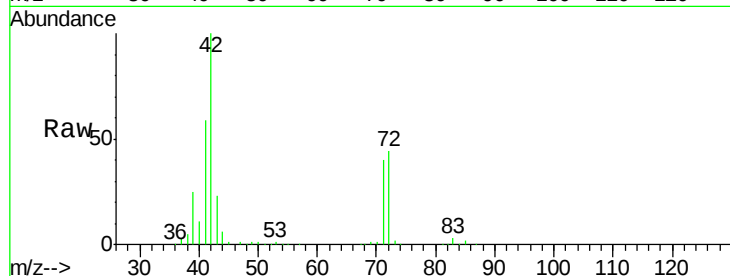
Tgt Ion: 42 Resp: 136747

Ion Ratio Lower Upper

42 100

72 44.4 35.1 52.7

71 41.0 32.8 49.2



#30

Chloroform

Concen: 20.18 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX000796.D

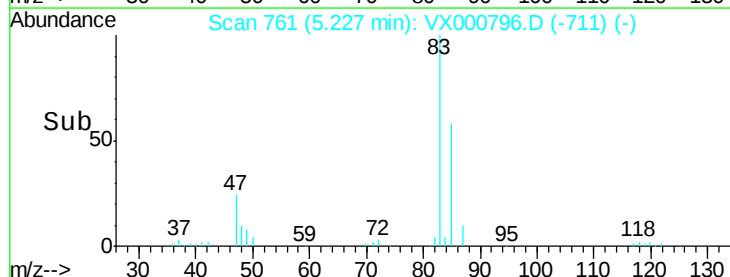
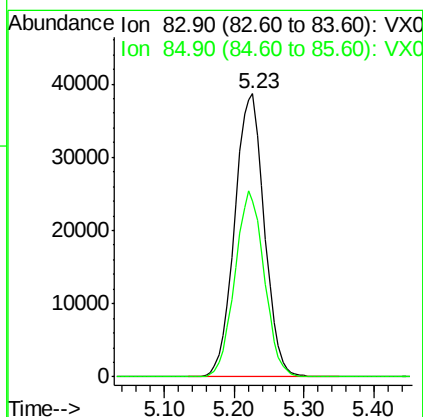
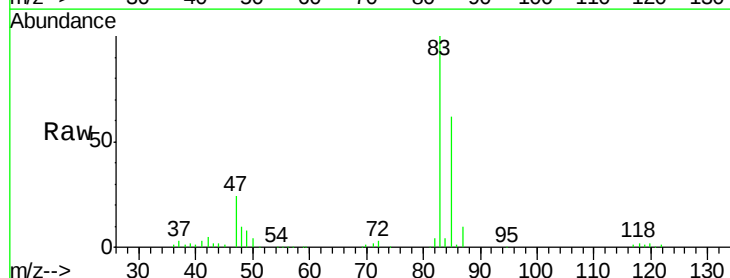
Acq: 12 Apr 2018 12:33

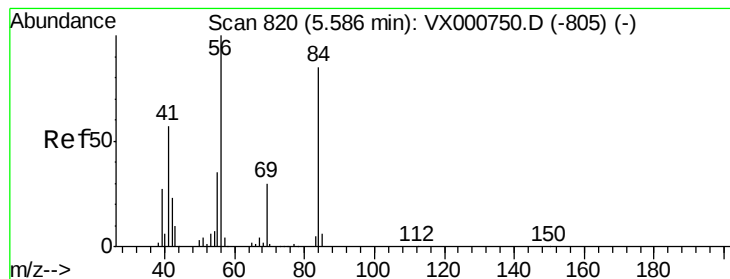
Tgt Ion: 83 Resp: 113611

Ion Ratio Lower Upper

83 100

85 62.2 50.7 76.1





#31

Cyclohexane

Concen: 19.59 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampled :

VX0412WBS01

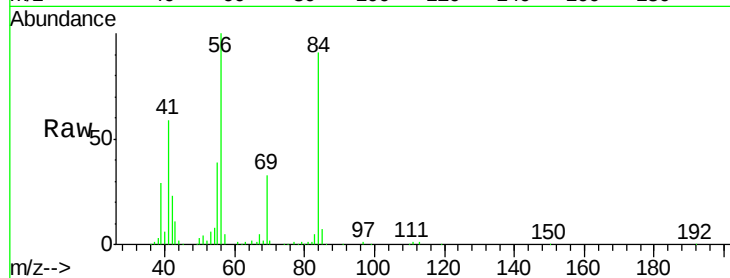
Tgt Ion: 56 Resp: 98908

Ion Ratio Lower Upper

56 100

69 32.8 24.2 36.4

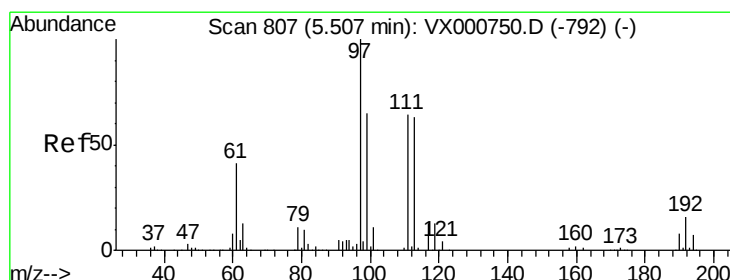
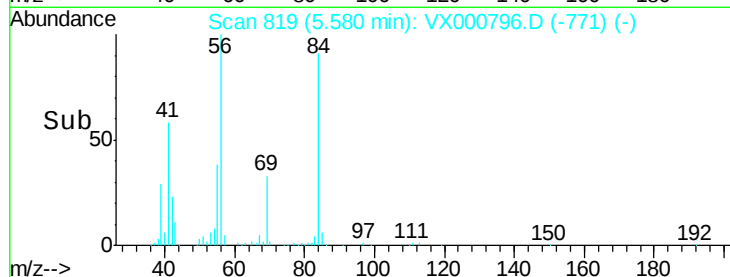
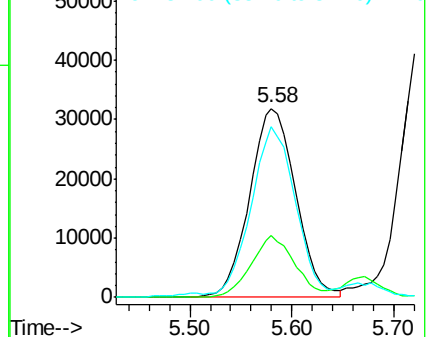
84 88.6 67.6 101.4



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: 19.62 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

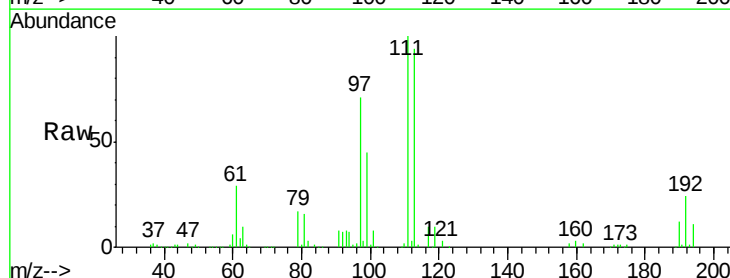
Tgt Ion: 97 Resp: 105233

Ion Ratio Lower Upper

97 100

99 65.2 51.4 77.0

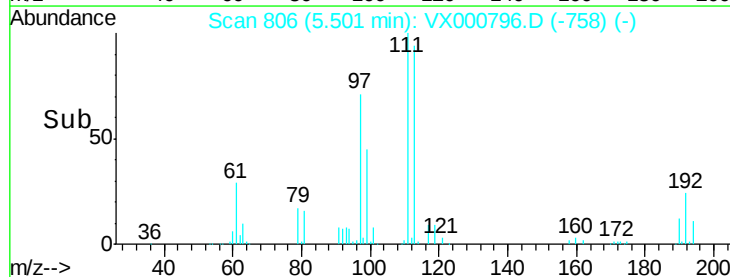
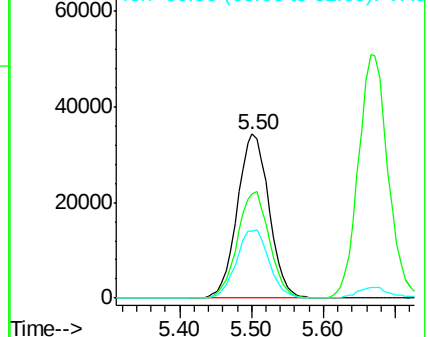
61 42.5 33.7 50.5

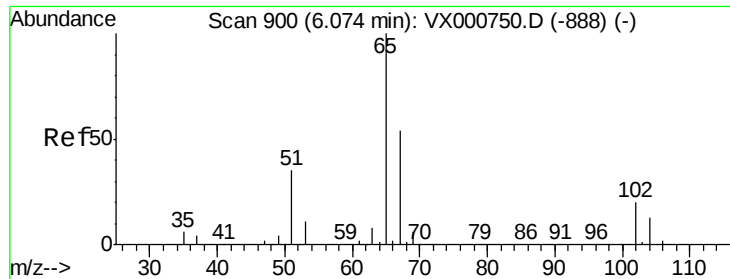


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

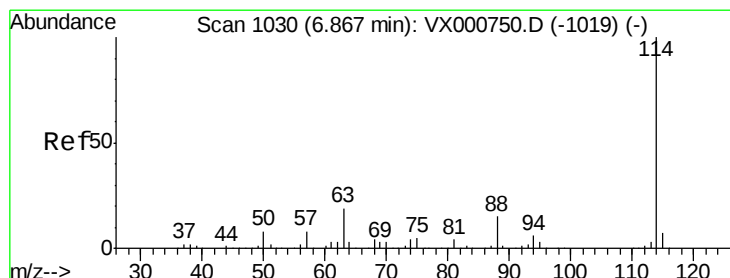
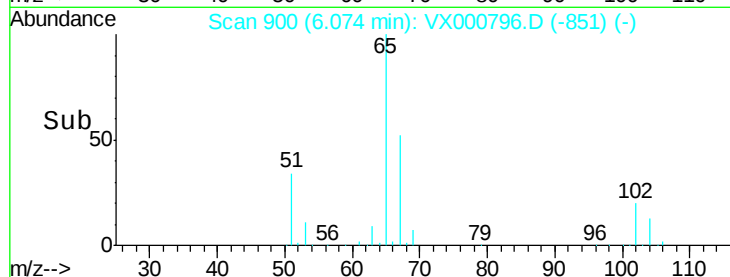
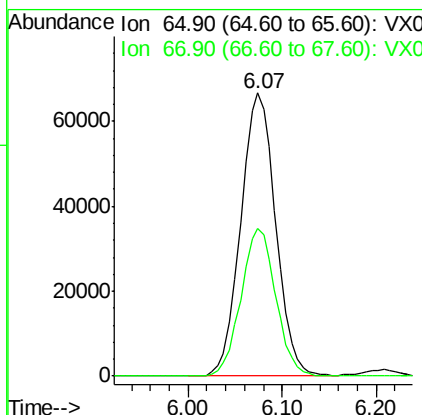
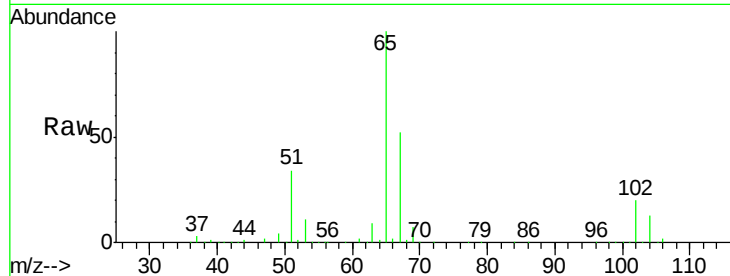




#33
 1,2-Dichloroethane-d4
 Concen: 45.17 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

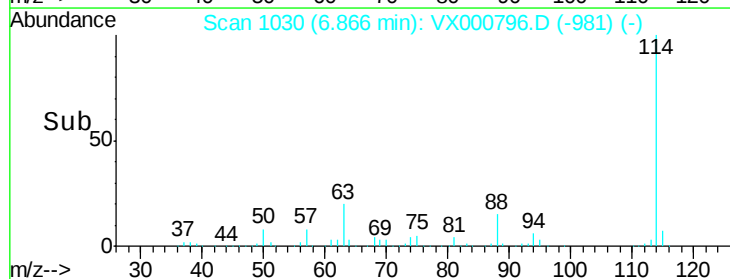
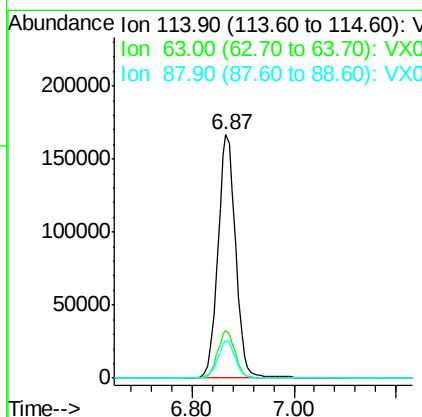
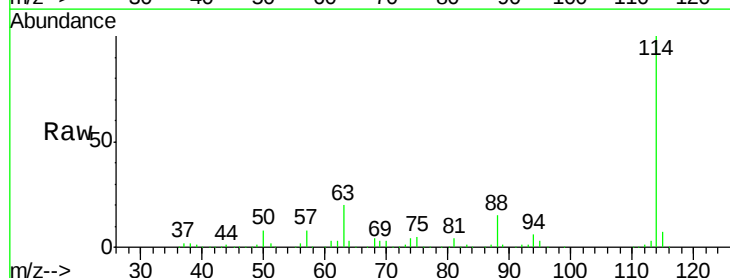
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

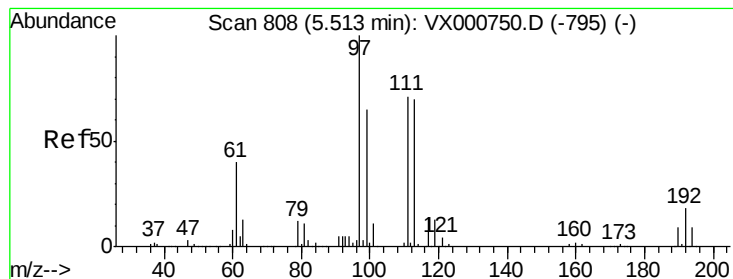
Tgt Ion: 65 Resp: 173028
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

Tgt Ion: 114 Resp: 401876
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.4
 88 15.4 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.06 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

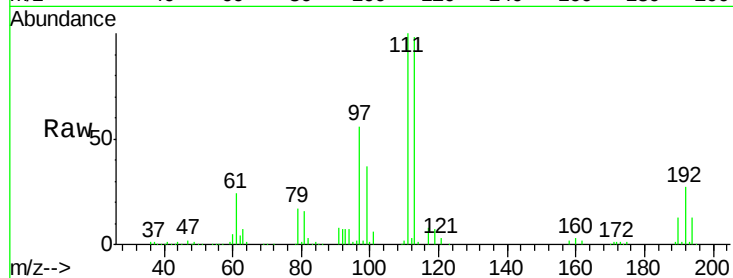
Tgt Ion:113 Resp: 145708

Ion Ratio Lower Upper

113 100

111 101.2 81.5 122.3

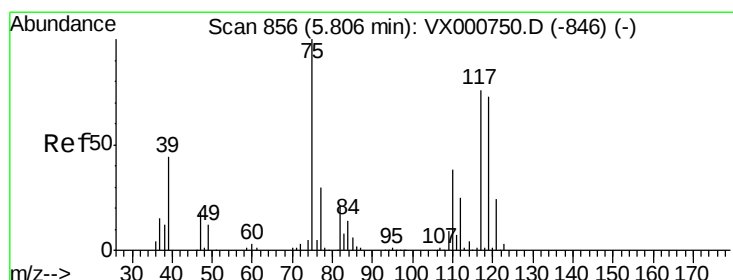
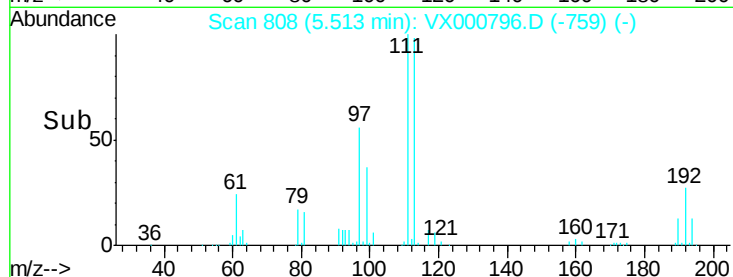
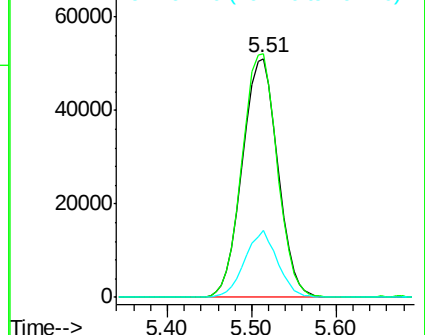
192 25.8 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.54 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

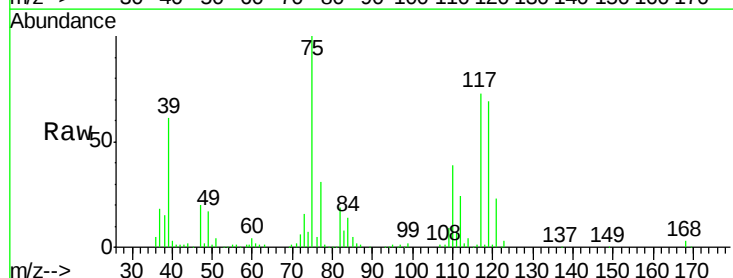
Tgt Ion: 75 Resp: 86478

Ion Ratio Lower Upper

75 100

110 38.0 19.2 57.6

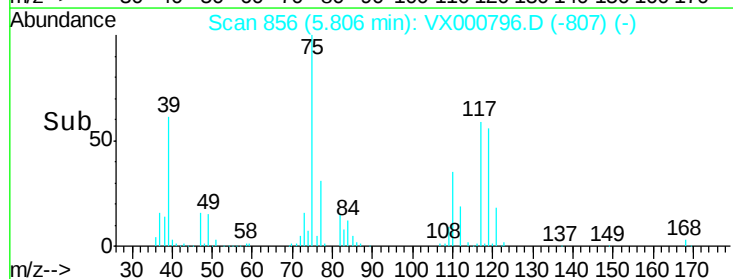
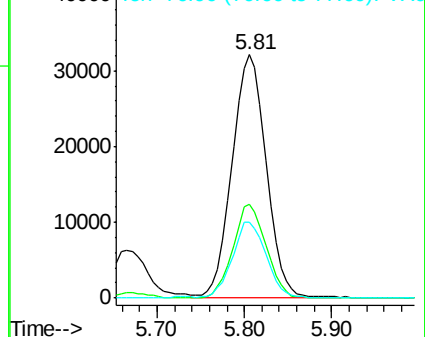
77 31.5 25.4 38.2

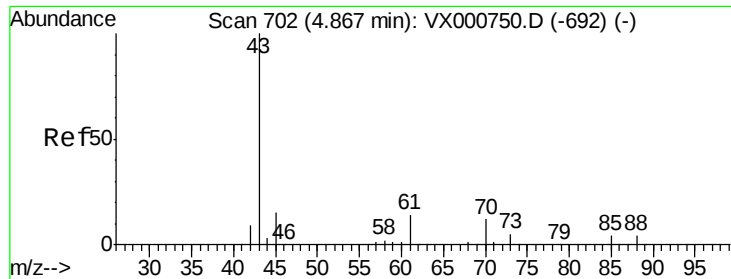


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

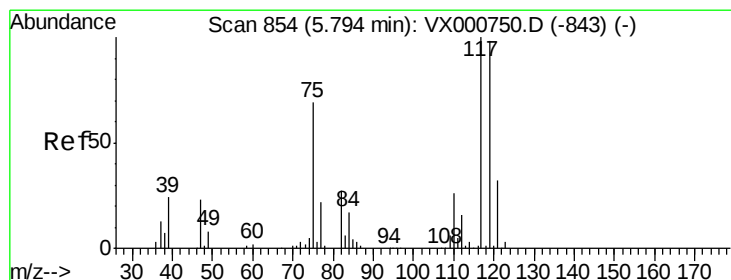
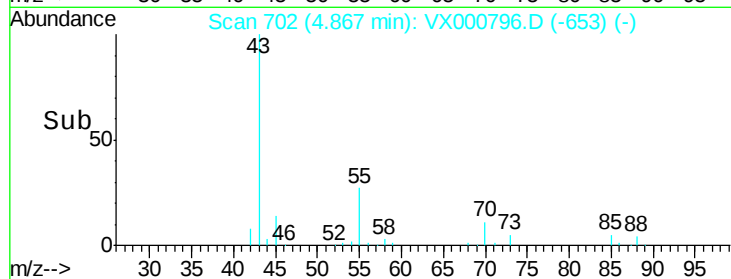
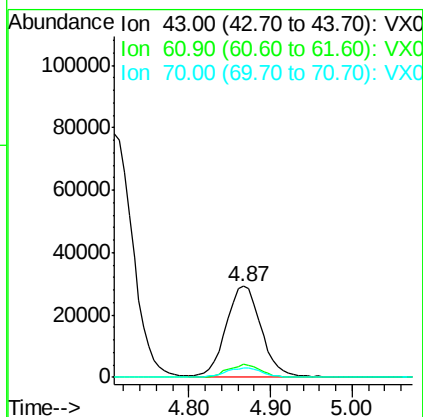
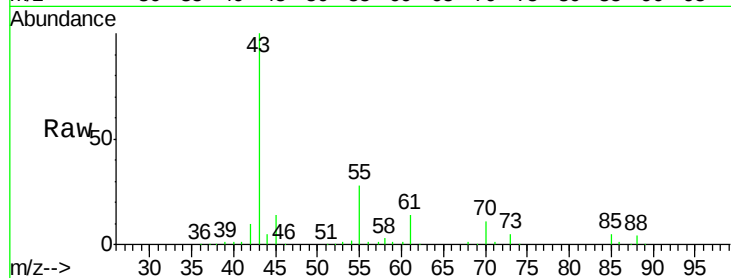




#37
Ethyl Acetate
Concen: 19.86 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

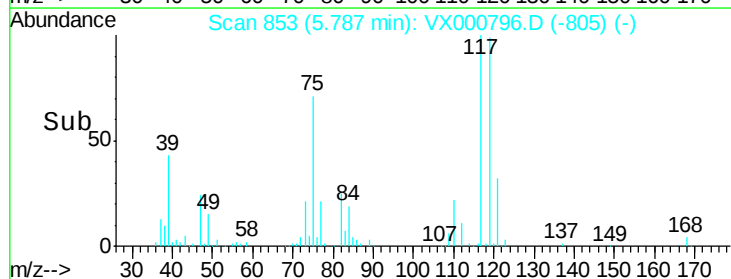
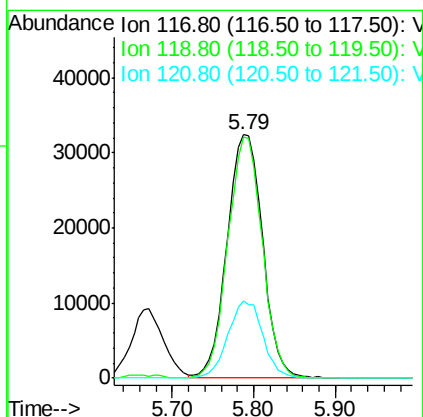
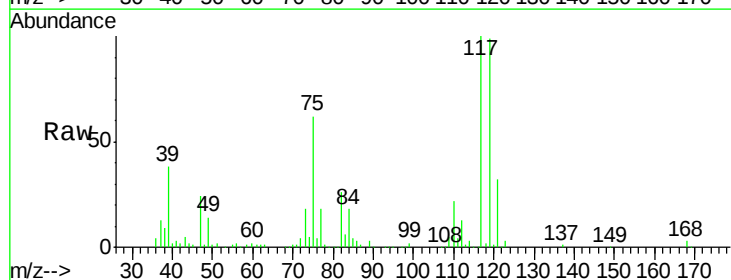
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

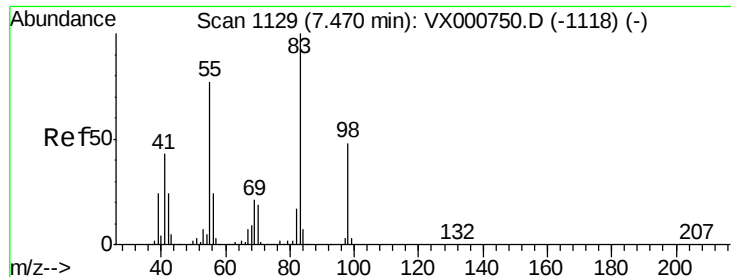
Tgt Ion: 43 Resp: 85830
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 10.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.62 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion: 117 Resp: 97201
Ion Ratio Lower Upper
117 100
119 98.9 78.4 117.6
121 31.8 25.4 38.0

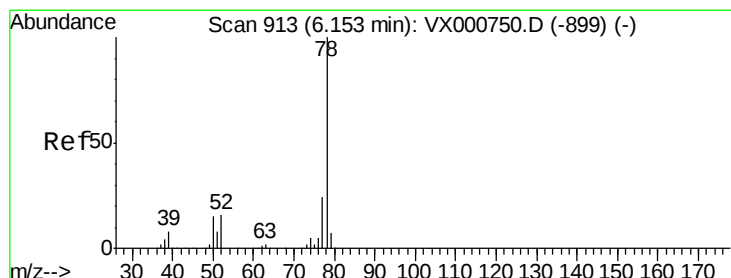
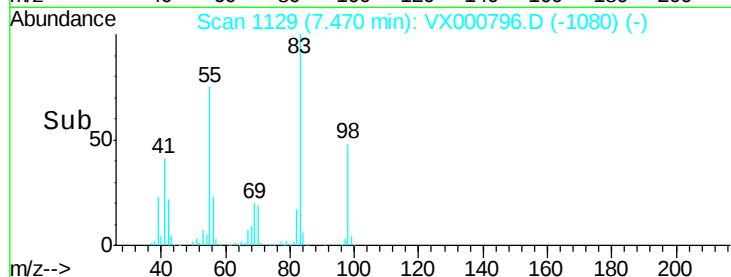
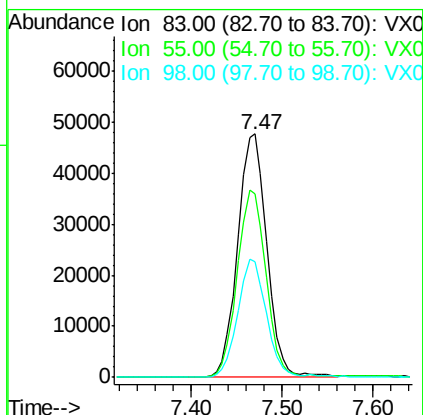
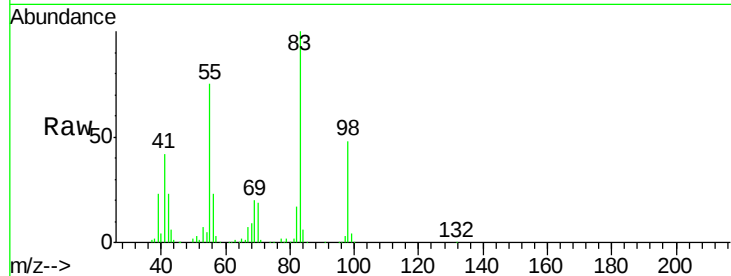




#39
Methylcyclohexane
Concen: 20.11 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

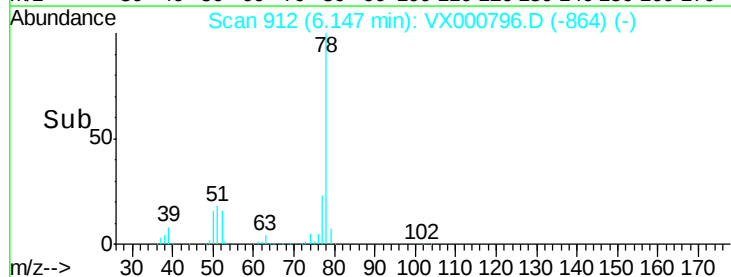
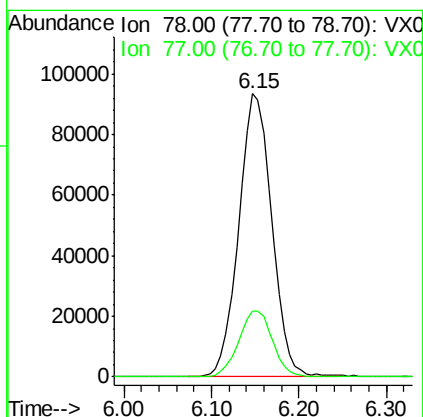
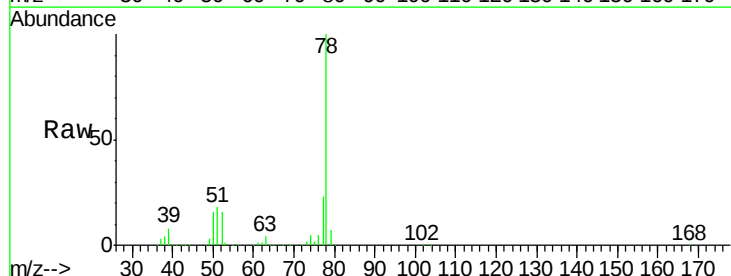
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

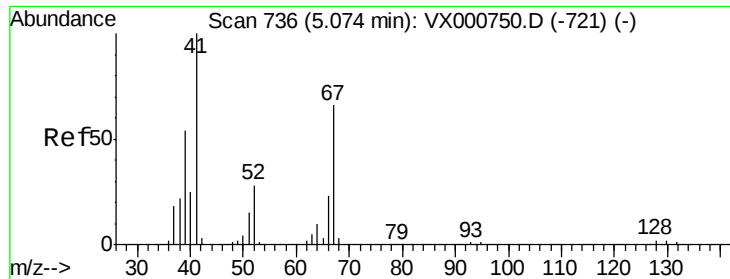
Tgt Ion: 83 Resp: 106893
Ion Ratio Lower Upper
83 100
55 75.1 61.5 92.3
98 47.6 38.1 57.1



#40
Benzene
Concen: 19.96 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion: 78 Resp: 245427
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6

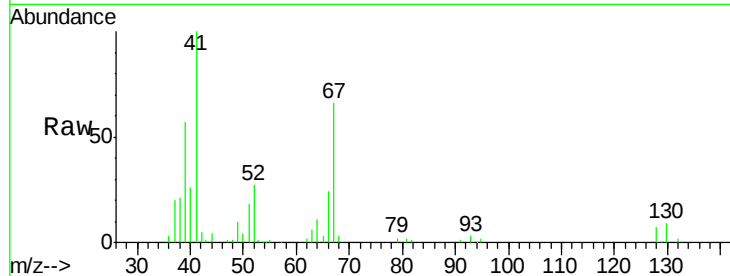




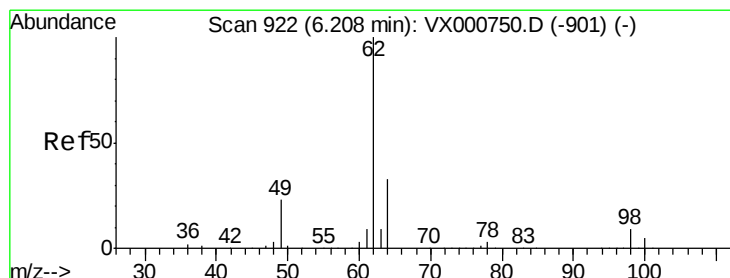
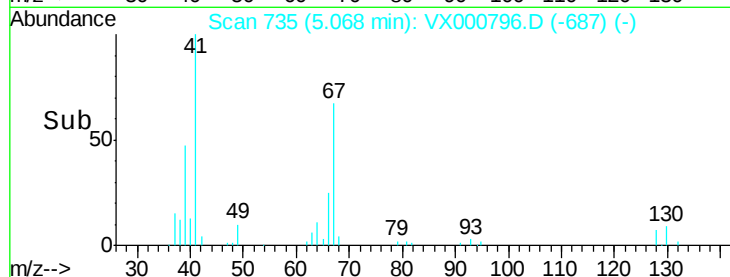
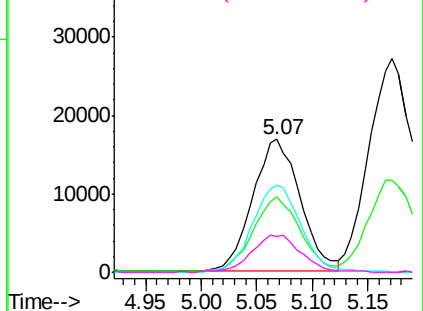
#41
Methacrylonitrile
Concen: 20.12 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion:	41	Resp:	50230
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.9	67.3
67	67.2	54.7	82.1
52	29.3	23.0	34.6

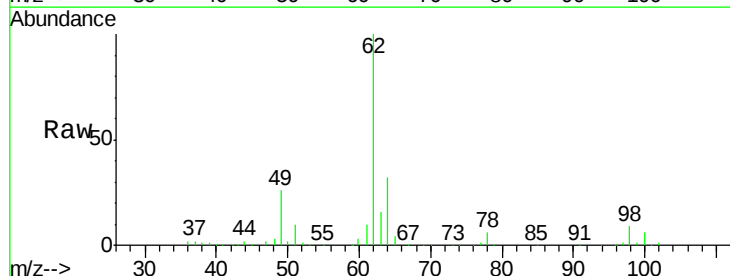


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

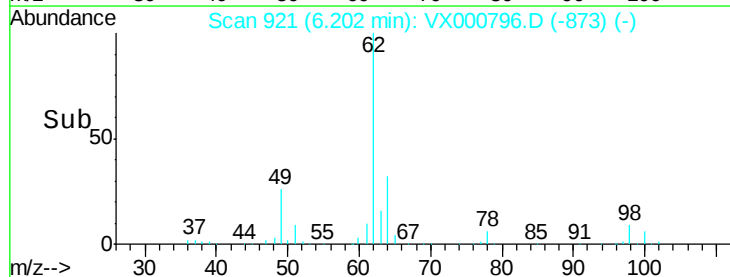
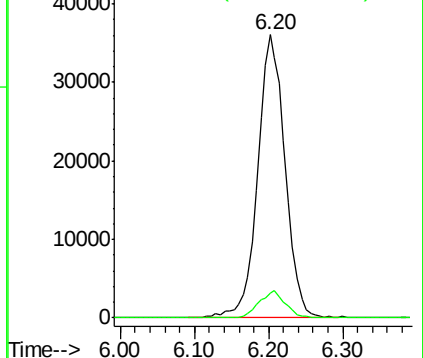


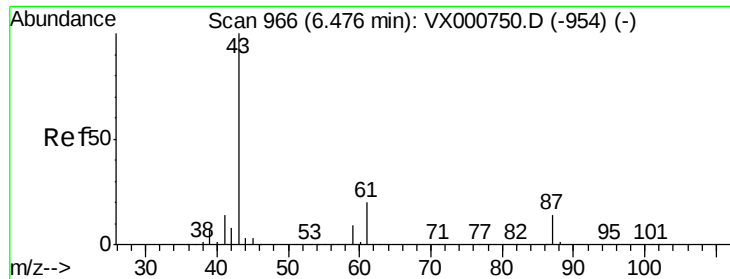
#42
1,2-Dichloroethane
Concen: 20.15 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion:	62	Resp:	92570
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6



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





#43

Isopropyl Acetate

Concen: 19.71 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

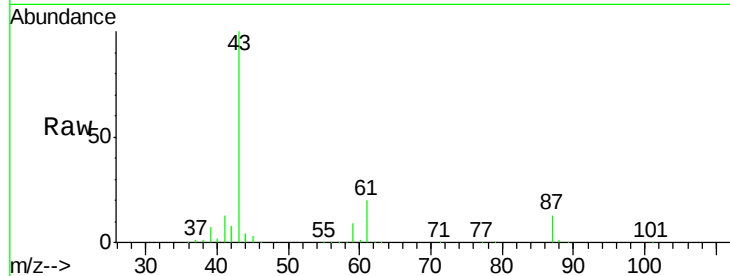
Tgt Ion: 43 Resp: 145990

Ion Ratio Lower Upper

43 100

61 19.3 15.6 23.4

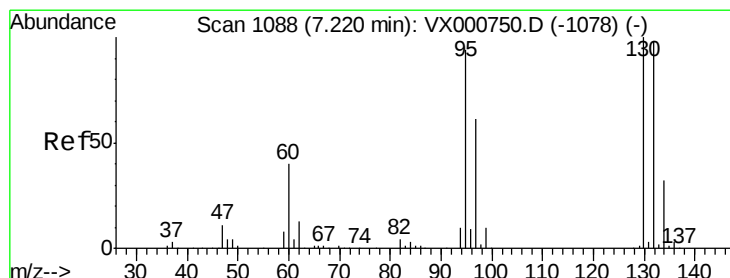
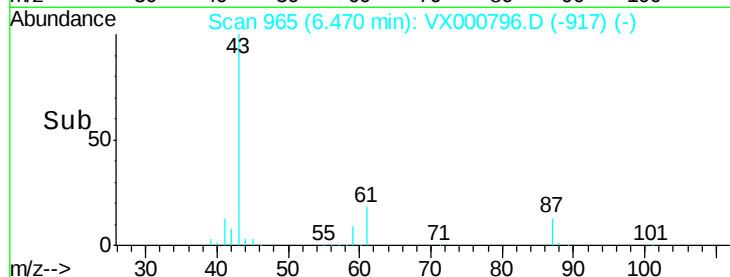
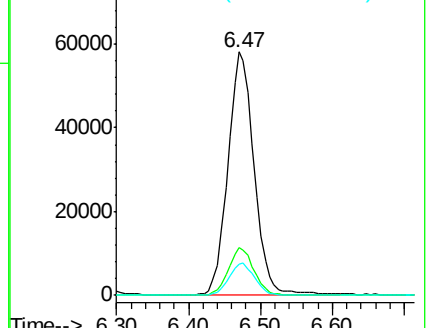
87 13.2 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX000750.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VX000750.D (-954) (-)

Ion 87.00 (86.70 to 87.70): VX000750.D (-954) (-)



#44

Trichloroethene

Concen: 20.00 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000796.D

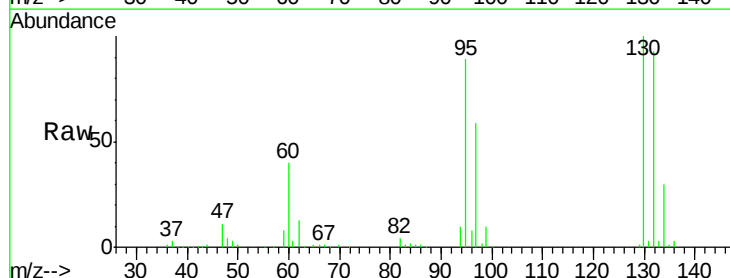
Acq: 12 Apr 2018 12:33

Tgt Ion: 130 Resp: 76486

Ion Ratio Lower Upper

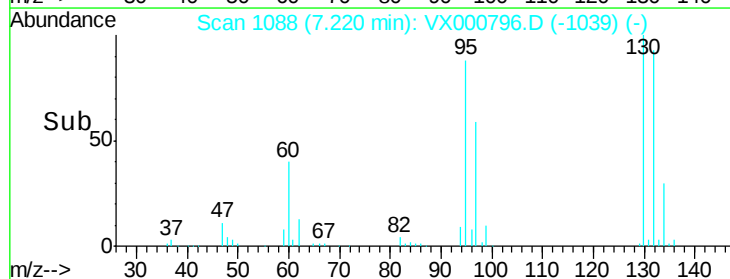
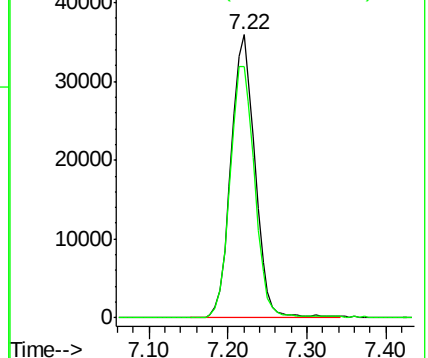
130 100

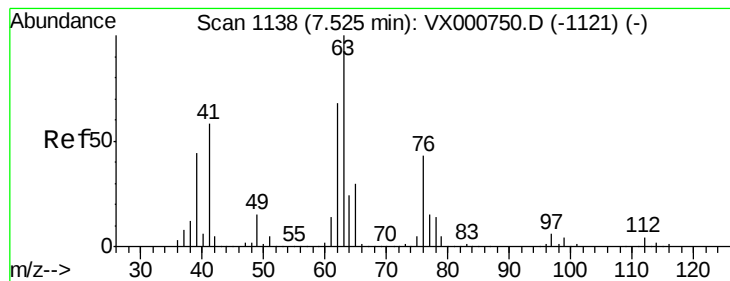
95 88.9 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): VX000796.D (-1039) (-)

Ion 94.90 (94.60 to 95.60): VX000796.D (-1039) (-)





#45

1,2-Dichloropropane

Concen: 20.36 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

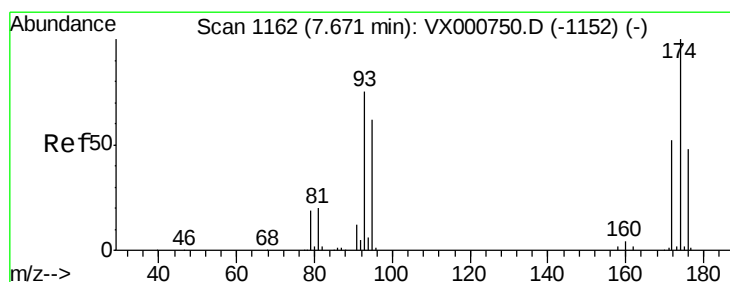
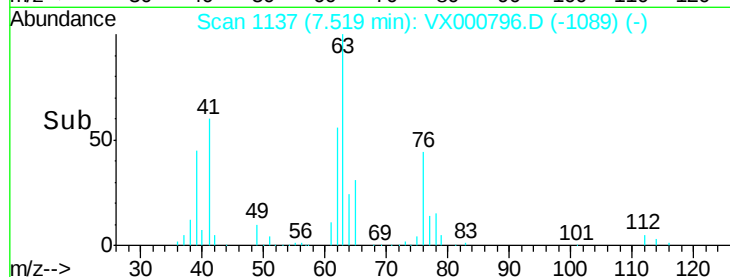
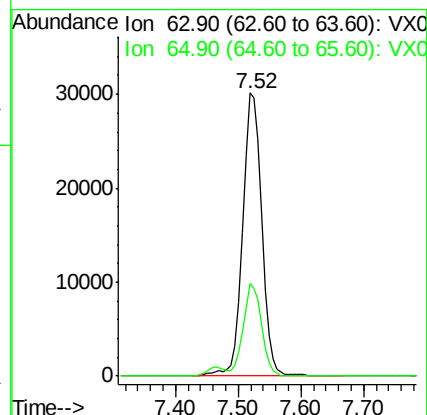
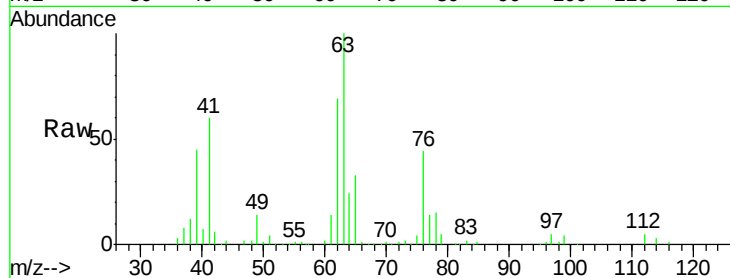
VX0412WBS01

Tgt Ion: 63 Resp: 63746

Ion Ratio Lower Upper

63 100

65 32.6 23.7 35.5



#46

Dibromomethane

Concen: 20.11 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

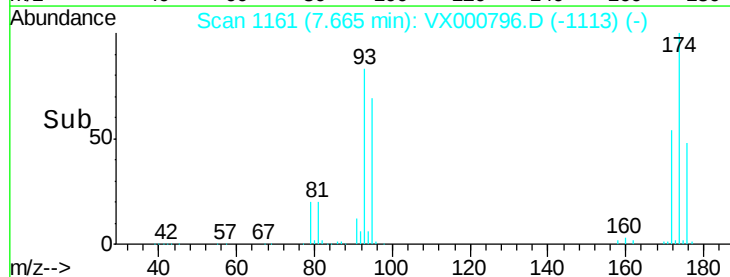
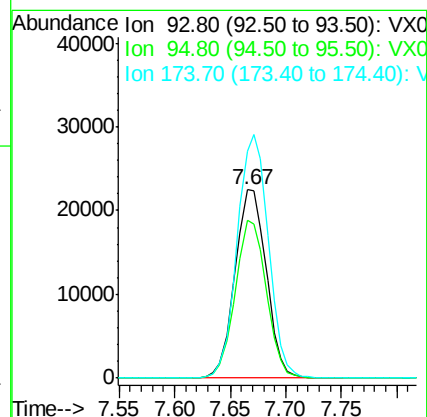
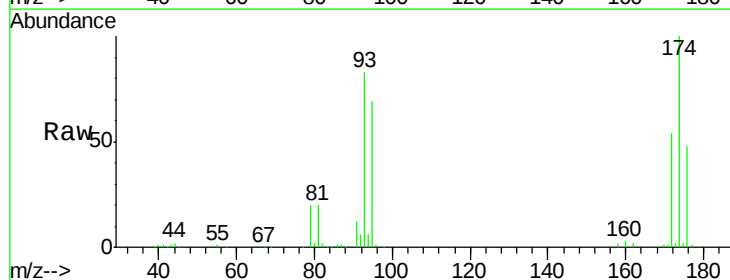
Tgt Ion: 93 Resp: 43911

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 128.4 104.5 156.7





#47

Bromodichloromethane

Concen: 20.03 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

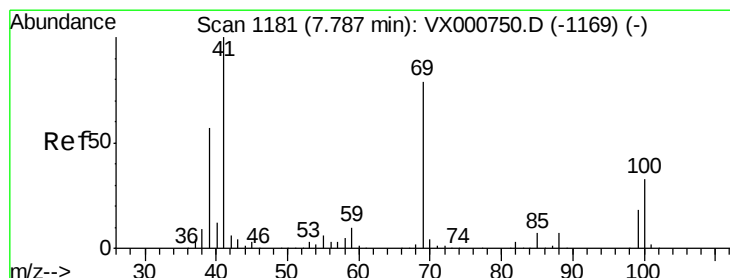
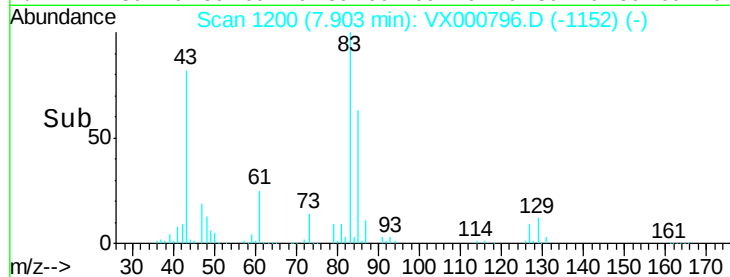
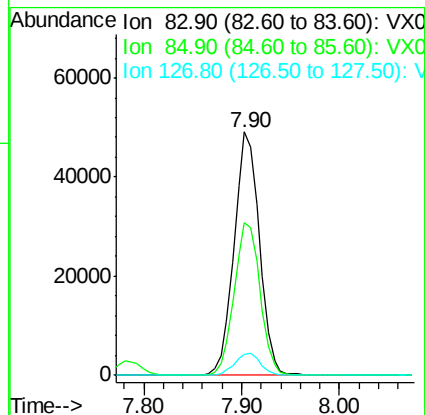
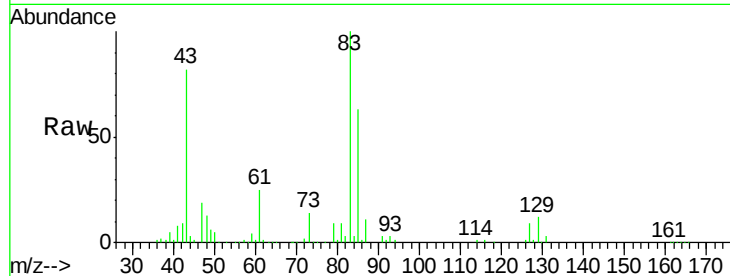
Tgt Ion: 83 Resp: 88255

Ion Ratio Lower Upper

83 100

85 62.7 52.2 78.4

127 8.7 7.8 11.8



#48

Methyl methacrylate

Concen: 19.89 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

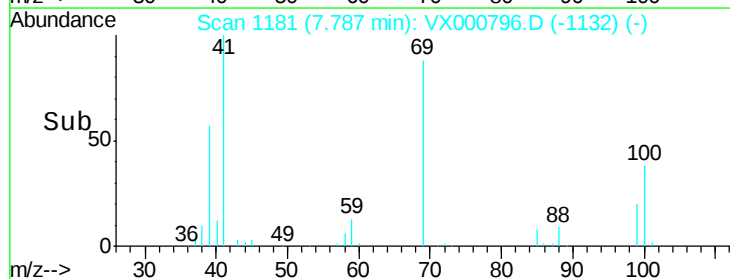
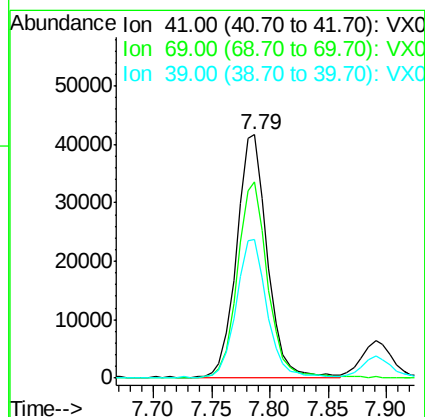
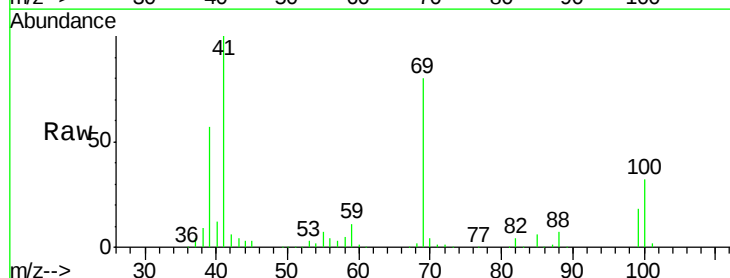
Tgt Ion: 41 Resp: 76358

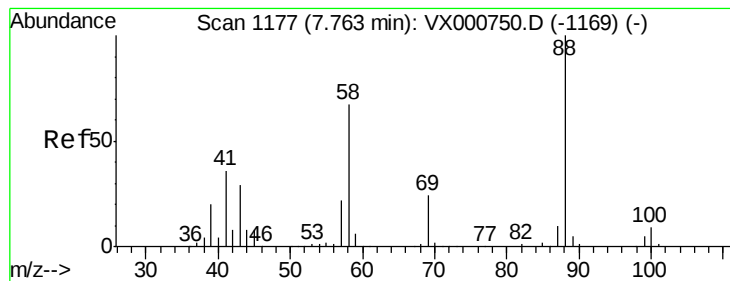
Ion Ratio Lower Upper

41 100

69 80.3 63.9 95.9

39 57.0 45.9 68.9





#49

1,4-Dioxane

Concen: 407.66 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

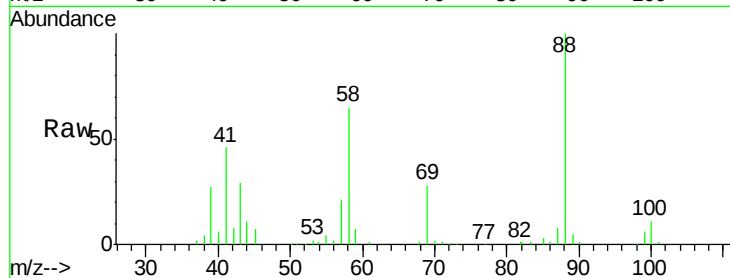
Tgt Ion: 88 Resp: 31457

Ion Ratio Lower Upper

88 100

43 33.0 25.8 38.8

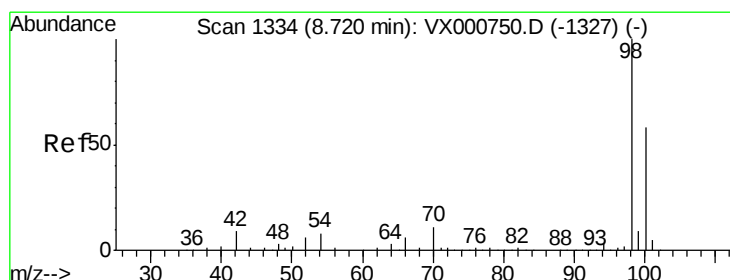
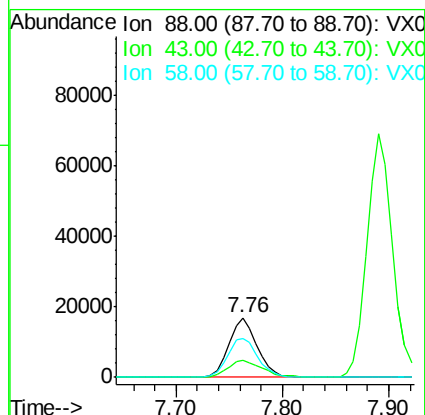
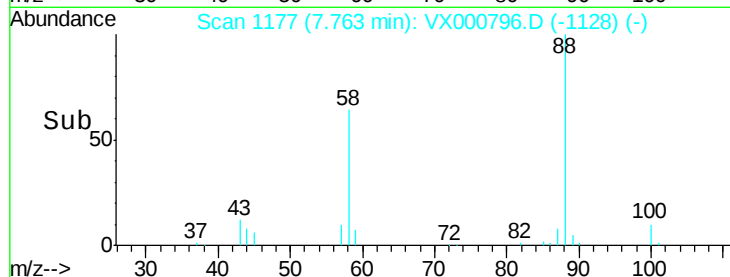
58 69.9 54.4 81.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.87 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000796.D

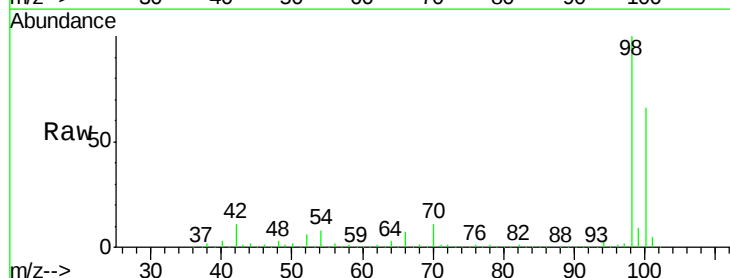
Acq: 12 Apr 2018 12:33

Tgt Ion: 98 Resp: 540300

Ion Ratio Lower Upper

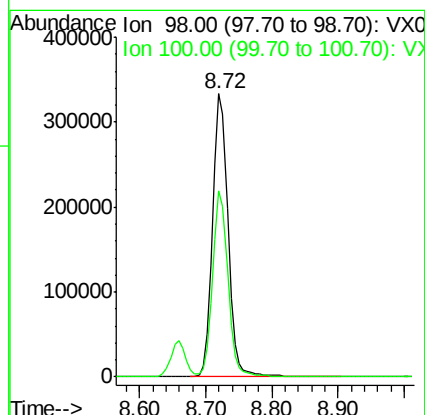
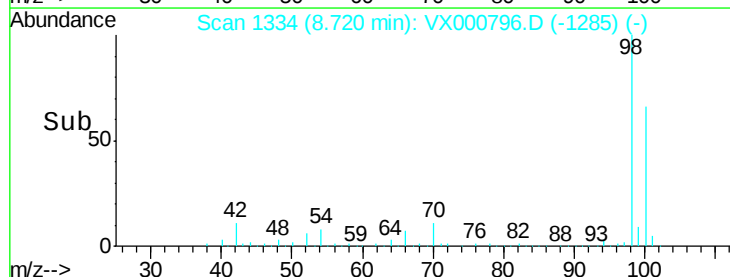
98 100

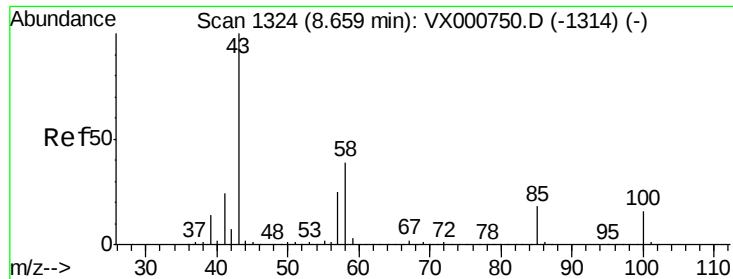
100 64.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 101.26 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

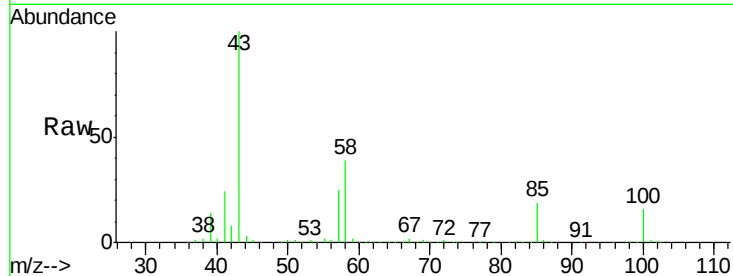
VX0412WBS01

Tgt Ion: 43 Resp: 440595

Ion Ratio Lower Upper

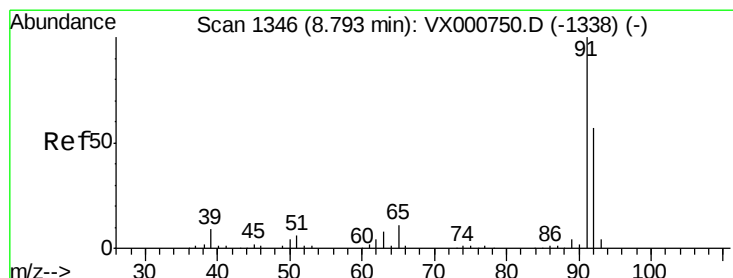
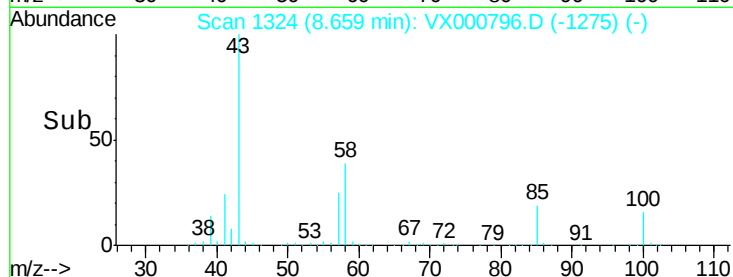
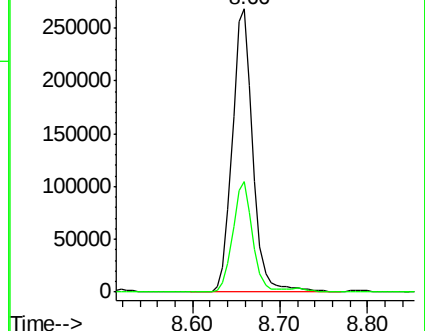
43 100

58 37.4 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.93 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000796.D

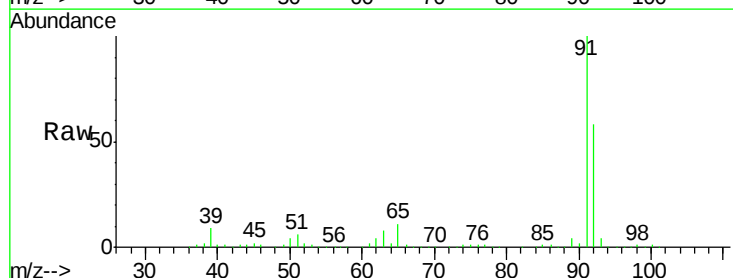
Acq: 12 Apr 2018 12:33

Tgt Ion: 92 Resp: 162597

Ion Ratio Lower Upper

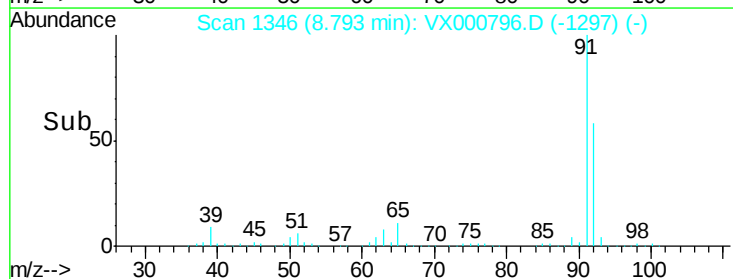
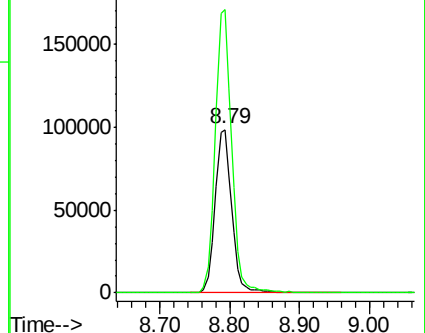
92 100

91 172.3 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.96 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

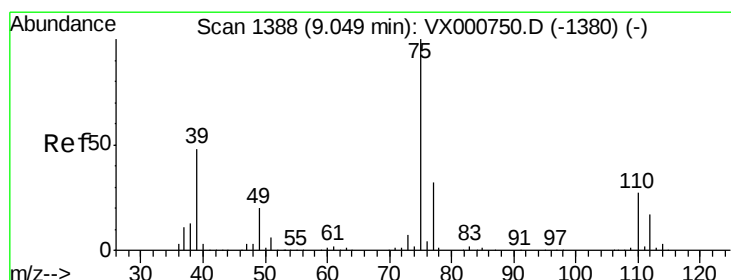
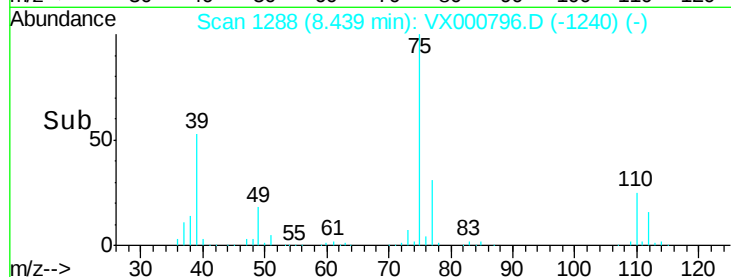
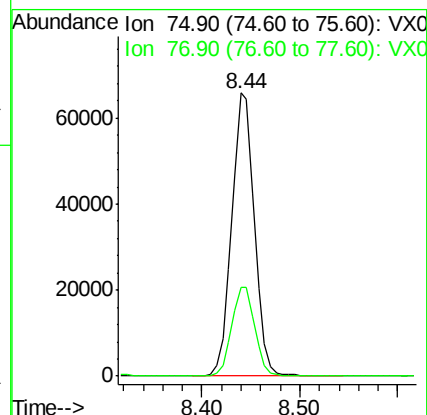
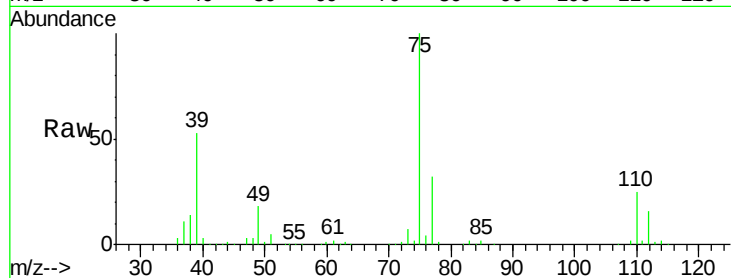
VX0412WBS01

Tgt Ion: 75 Resp: 105473

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.79 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

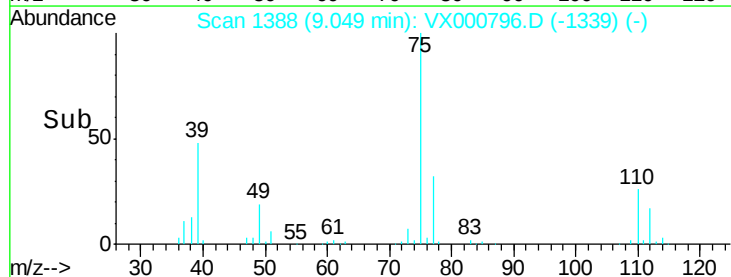
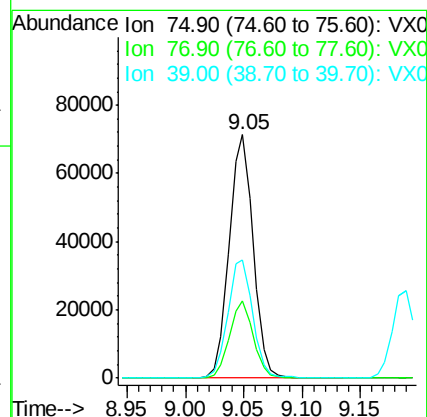
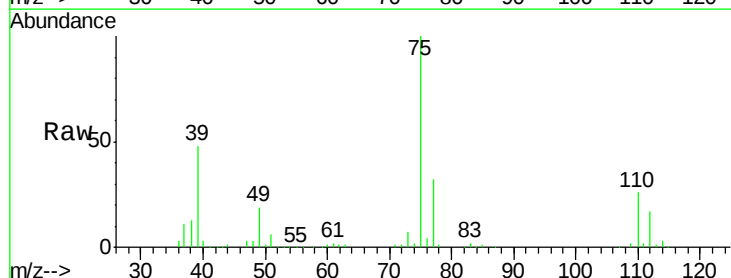
Tgt Ion: 75 Resp: 101859

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

39 48.3 38.6 58.0

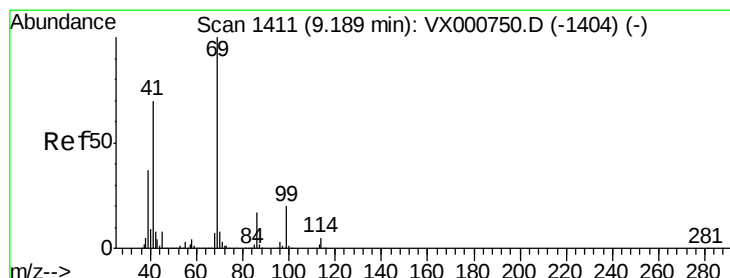
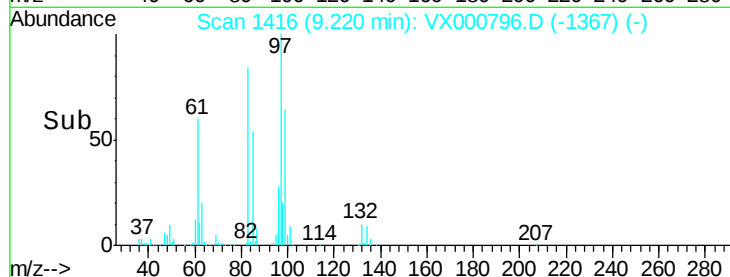
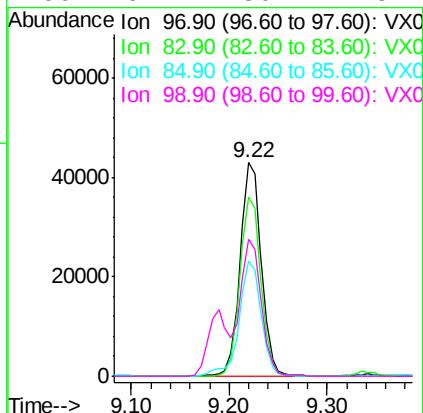
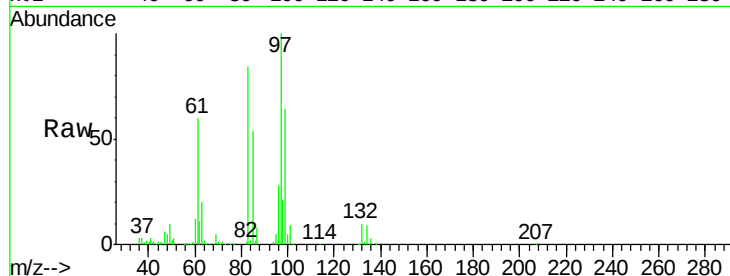




#55
 1,1,2-Trichloroethane
 Concen: 19.97 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

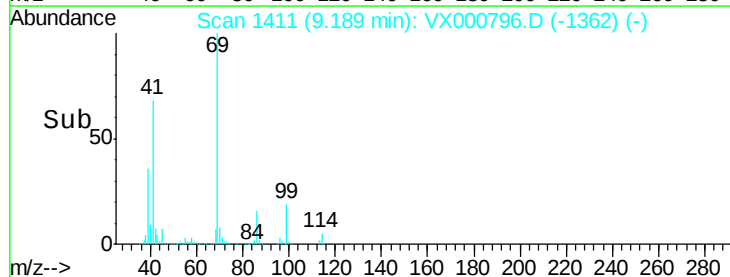
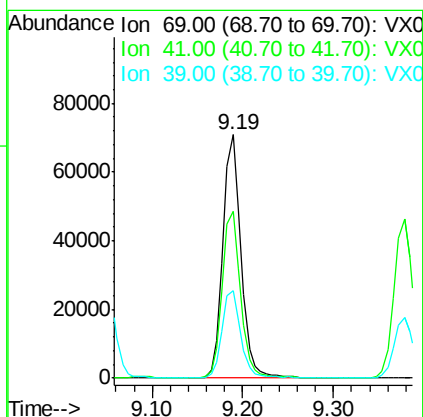
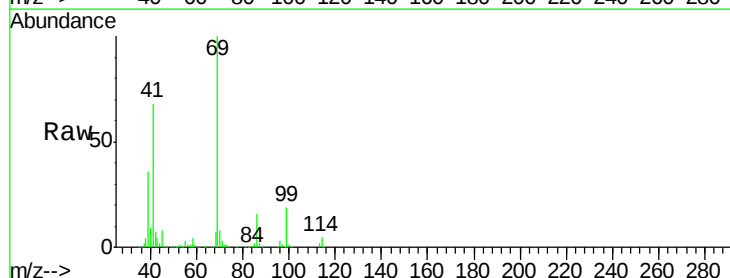
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

Tgt Ion:	97	Resp:	64665
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.6	101.4
85	54.0	43.8	65.6
99	64.2	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 19.94 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

Tgt Ion:	69	Resp:	99648
Ion	Ratio	Lower	Upper
69	100		
41	68.9	55.6	83.4
39	36.9	30.3	45.5





#57

1,3-Dichloropropane

Concen: 20.46 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

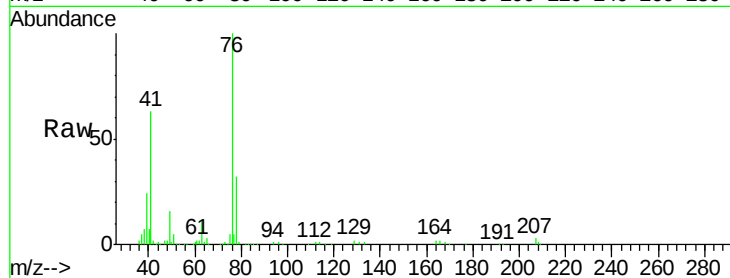
VX0412WBS01

Tgt Ion: 76 Resp: 105342

Ion Ratio Lower Upper

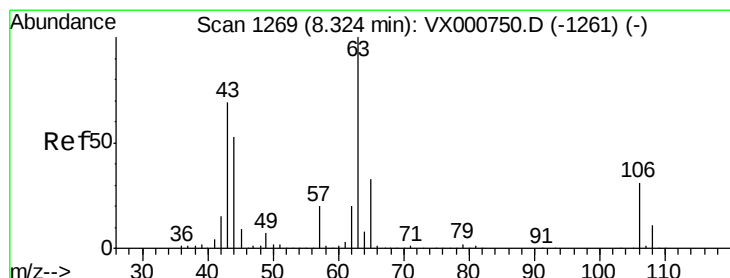
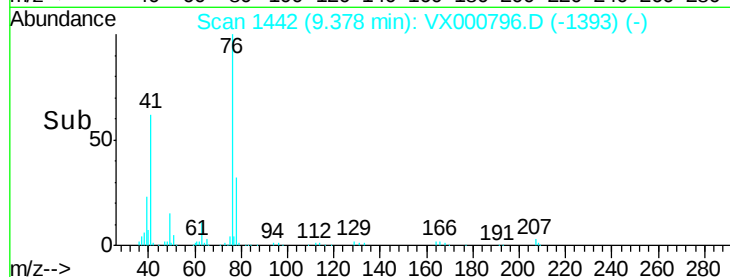
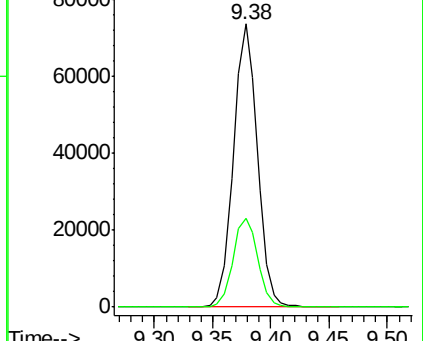
76 100

78 32.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 75.75 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000796.D

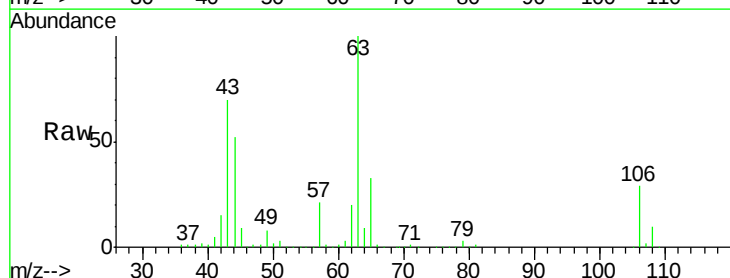
Acq: 12 Apr 2018 12:33

Tgt Ion: 63 Resp: 176832

Ion Ratio Lower Upper

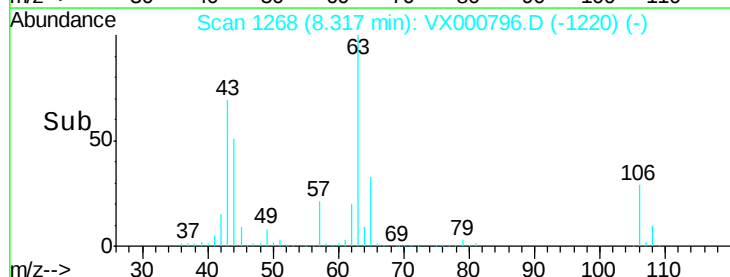
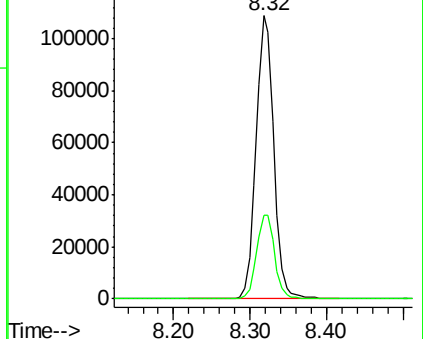
63 100

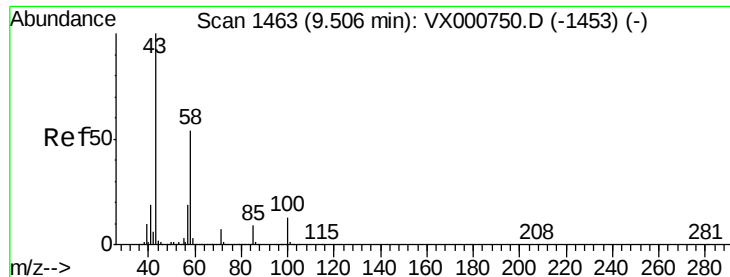
106 30.2 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

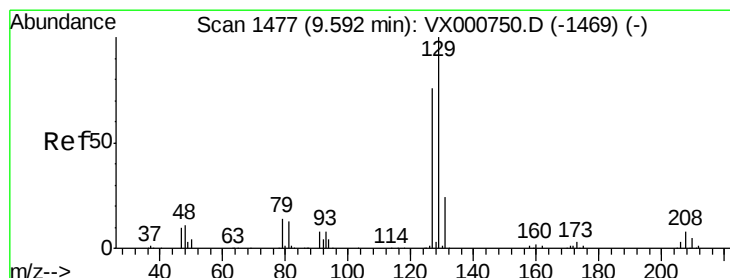
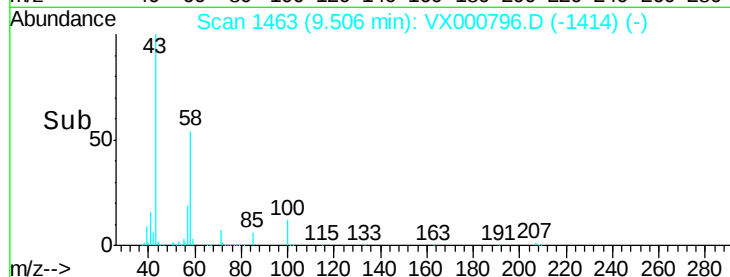
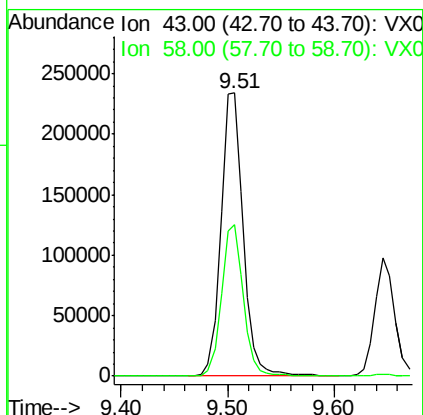
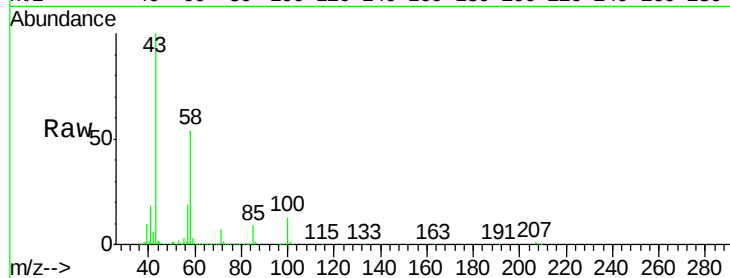




#59
2-Hexanone
Concen: 101.38 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

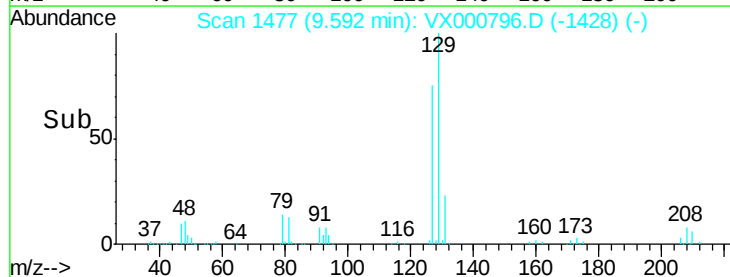
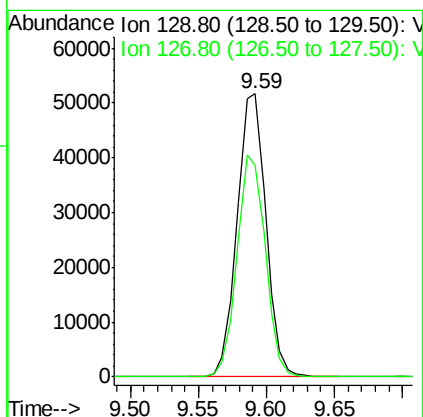
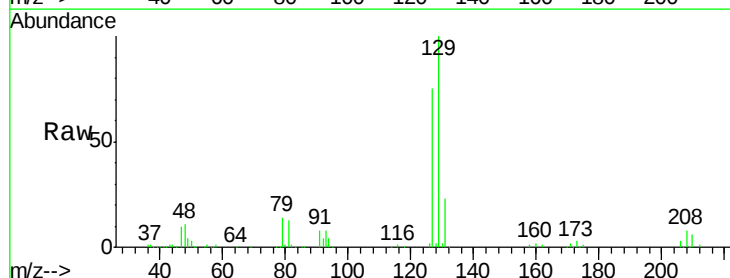
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

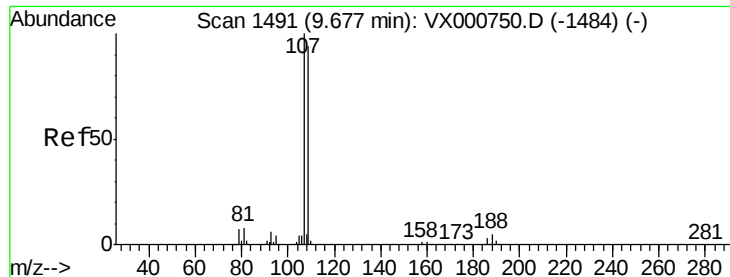
Tgt Ion: 43 Resp: 340551
Ion Ratio Lower Upper
43 100
58 52.8 26.5 79.5



#60
Dibromochloromethane
Concen: 19.74 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion: 129 Resp: 76494
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.93 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampled :

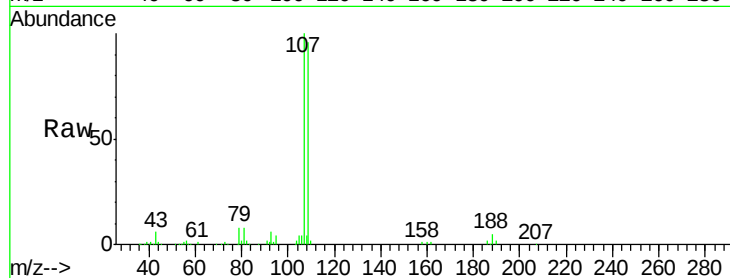
VX0412WBS01

Tgt Ion: 107 Resp: 68490

Ion Ratio Lower Upper

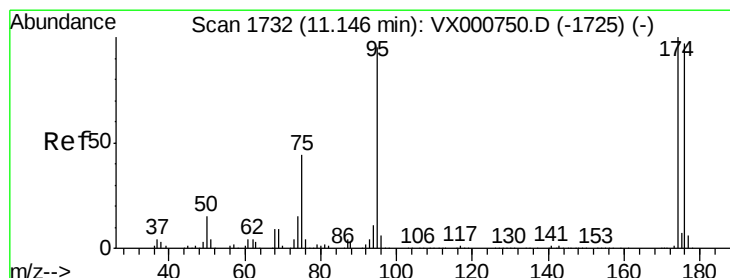
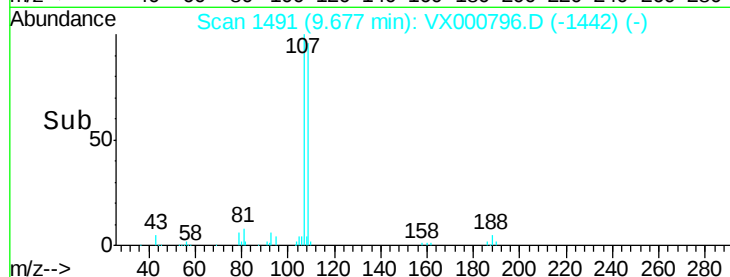
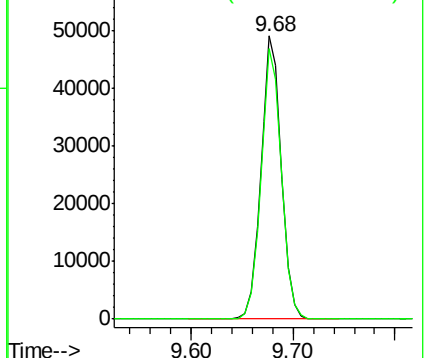
107 100

109 95.9 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.41 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

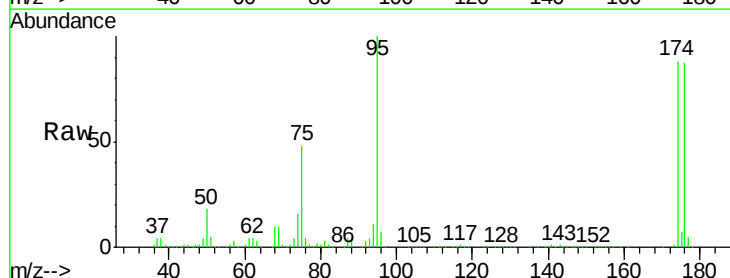
Tgt Ion: 95 Resp: 221339

Ion Ratio Lower Upper

95 100

174 98.1 0.0 198.4

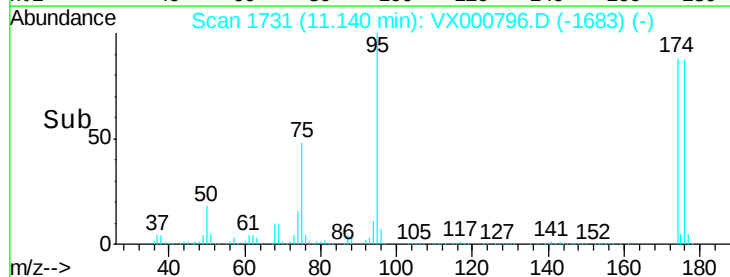
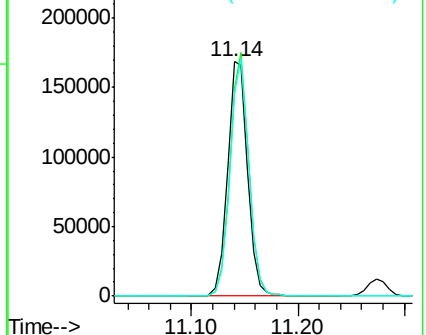
176 95.7 0.0 194.4

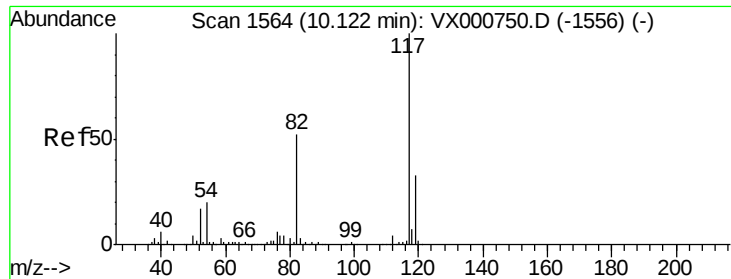


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

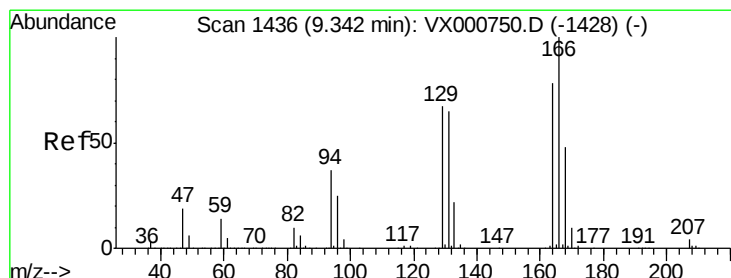
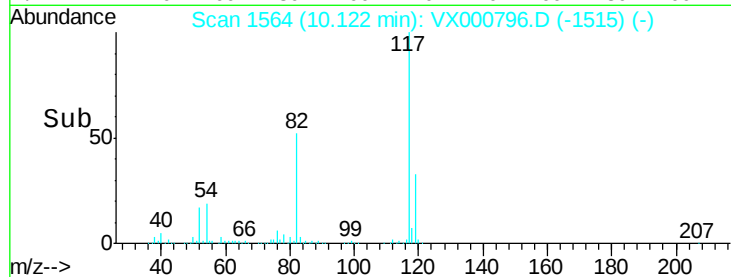
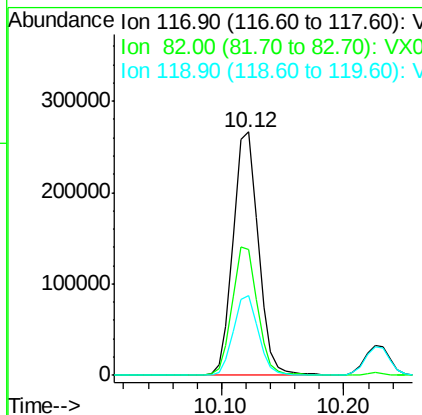
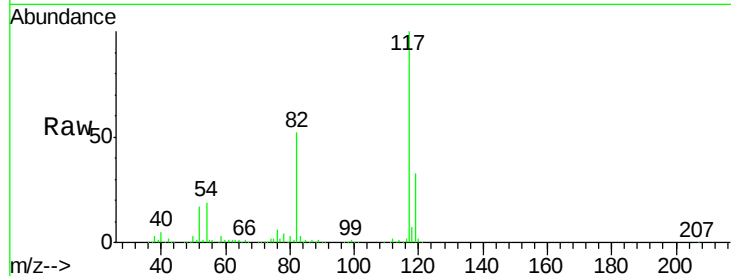




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

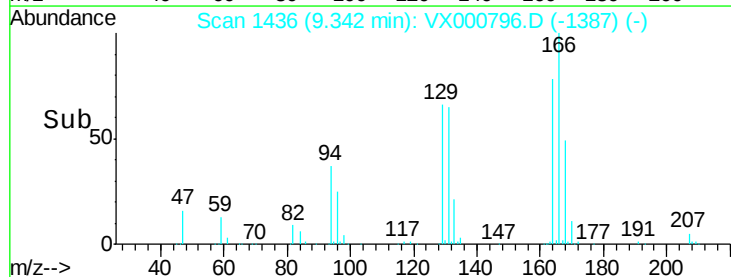
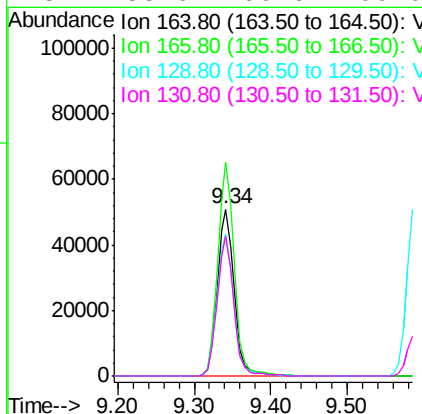
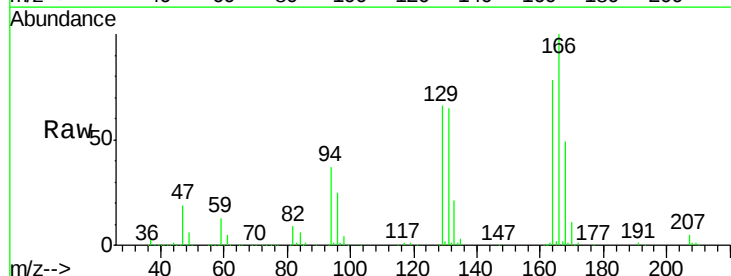
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

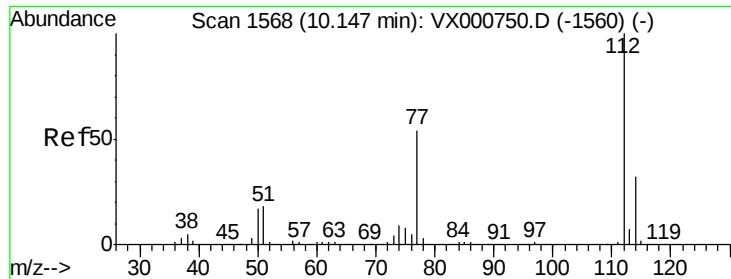
Tgt Ion:117 Resp: 380607
Ion Ratio Lower Upper
117 100
82 51.7 41.9 62.9
119 32.8 26.0 39.0



#64
Tetrachloroethene
Concen: 20.66 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion:164 Resp: 76899
Ion Ratio Lower Upper
164 100
166 128.3 102.8 154.2
129 85.0 68.5 102.7
131 83.6 66.6 100.0

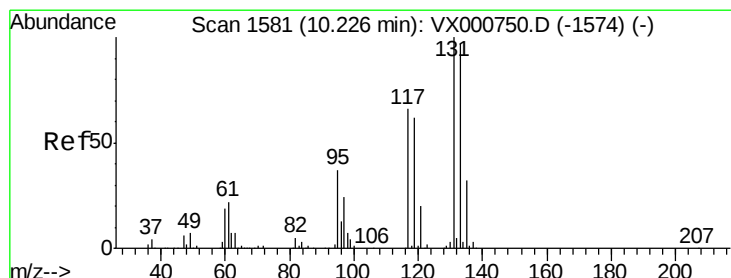
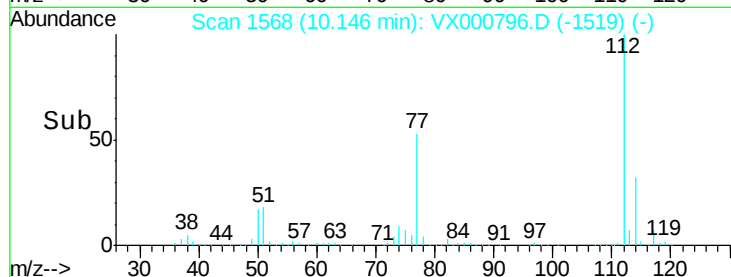
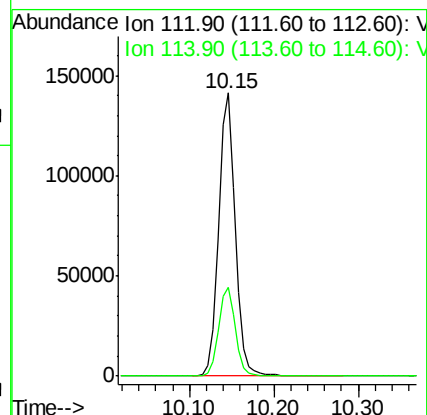
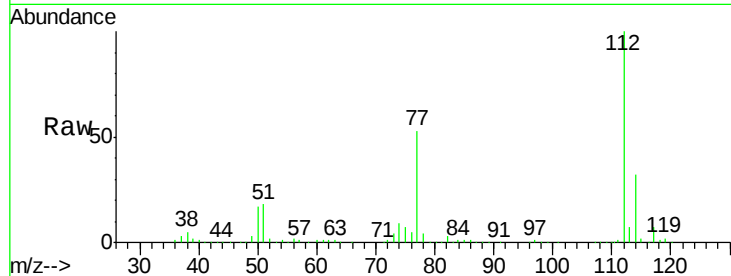




#65
Chlorobenzene
Concen: 20.16 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

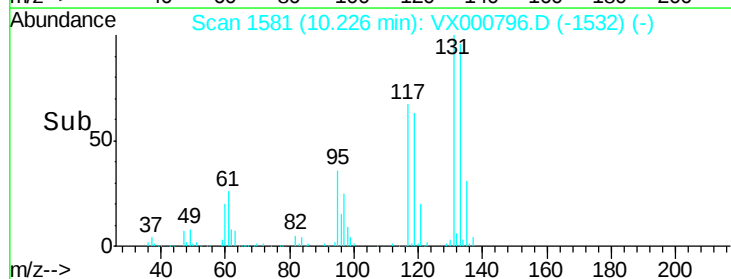
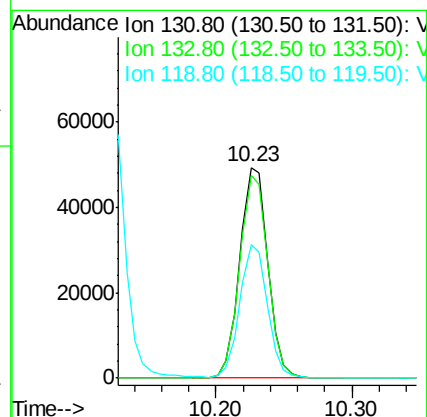
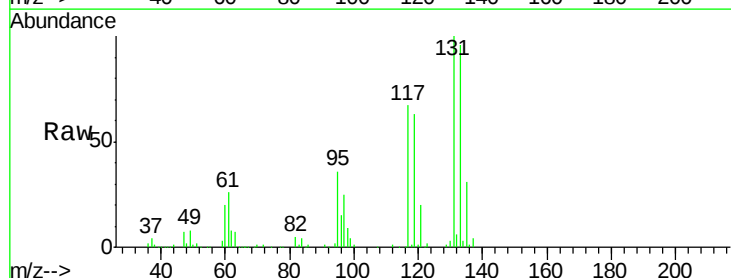
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

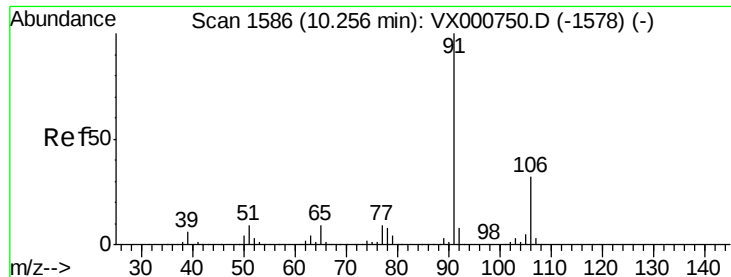
Tgt Ion:112 Resp: 192979
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.76 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion:131 Resp: 71206
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 62.5 31.4 94.0





#67

Ethyl Benzene

Concen: 19.95 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

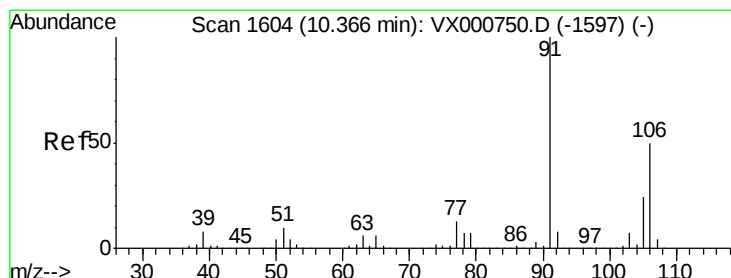
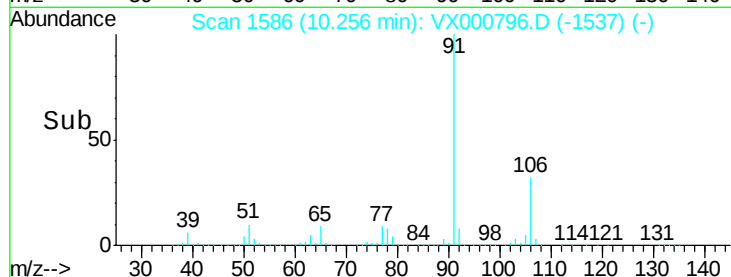
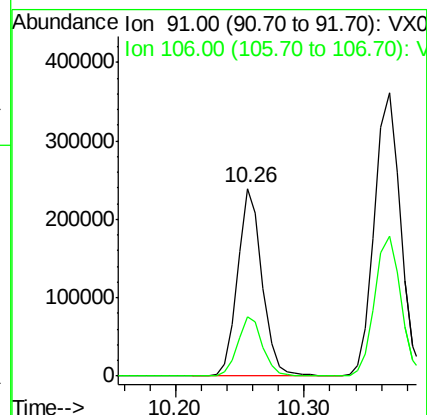
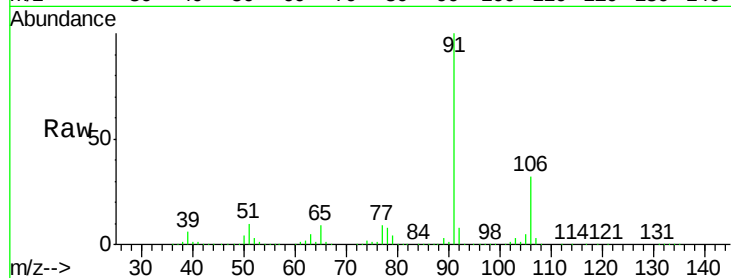
VX0412WBS01

Tgt Ion: 91 Resp: 318475

Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.0



#68

m/p-Xylenes

Concen: 40.03 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000796.D

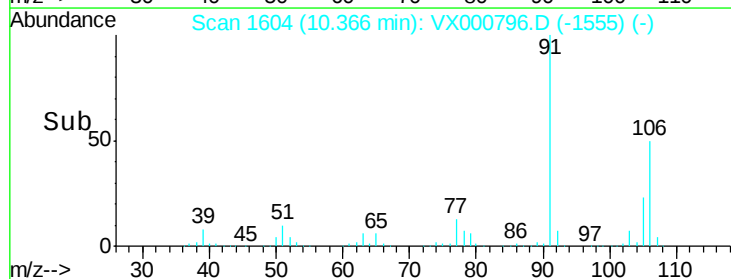
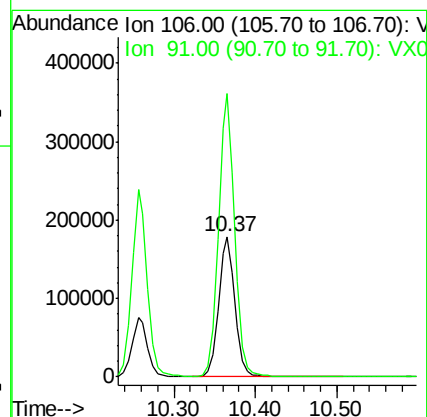
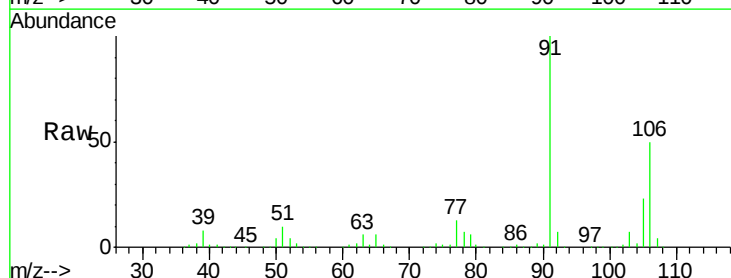
Acq: 12 Apr 2018 12:33

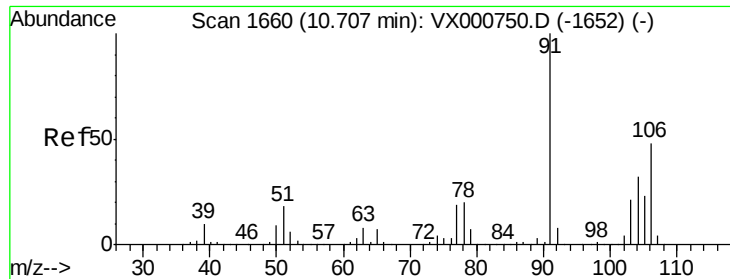
Tgt Ion: 106 Resp: 252236

Ion Ratio Lower Upper

106 100

91 200.6 159.3 238.9

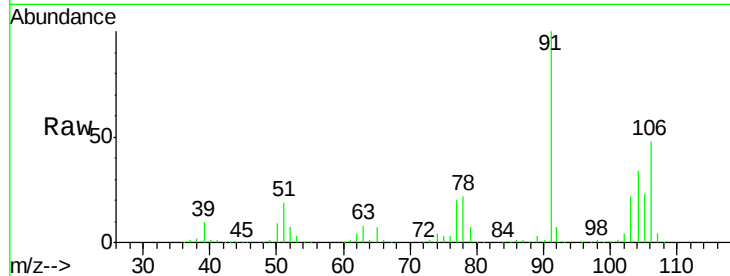




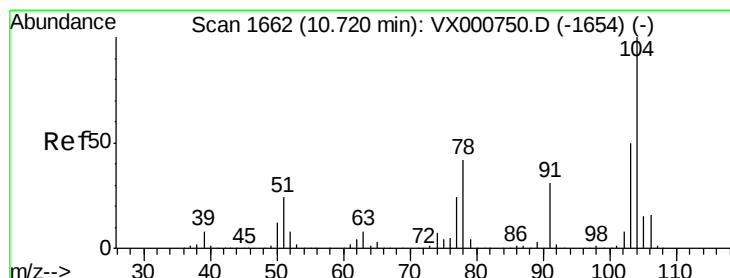
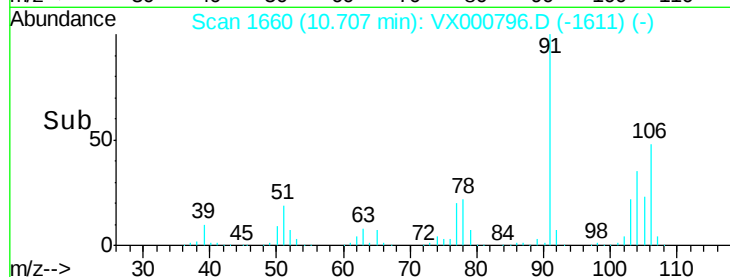
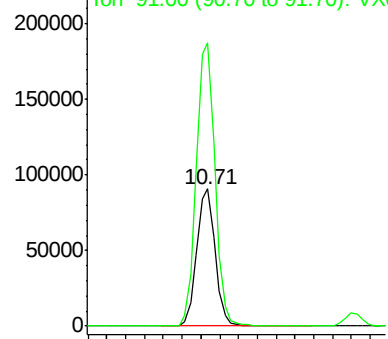
#69
o-Xylene
Concen: 20.21 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion:106 Resp: 122723
Ion Ratio Lower Upper
106 100
91 210.1 105.0 315.0

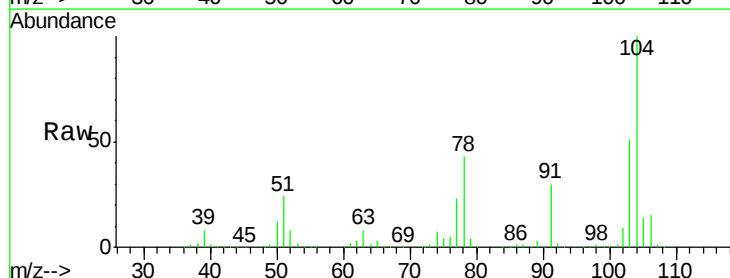


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

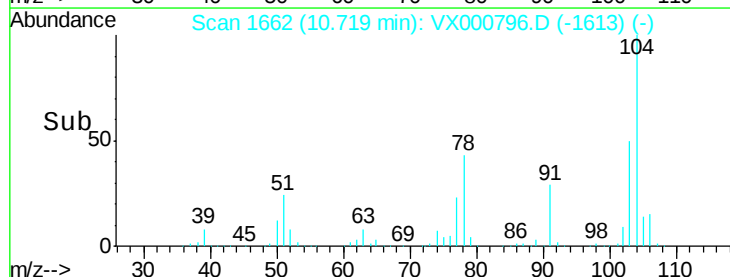
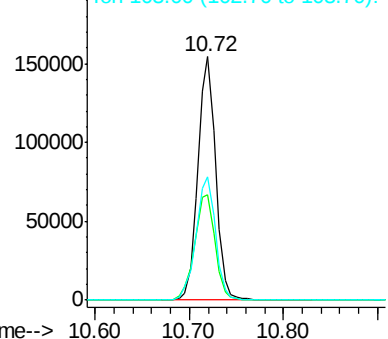


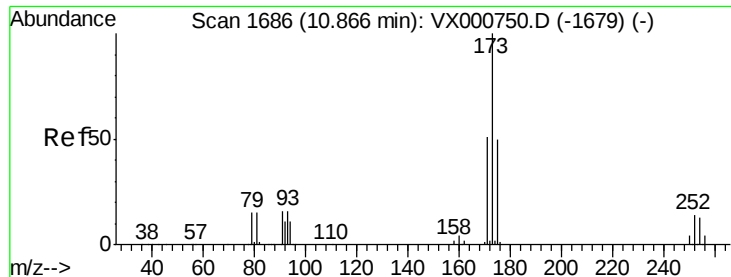
#70
Styrene
Concen: 19.75 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion:104 Resp: 202177
Ion Ratio Lower Upper
104 100
78 49.7 39.0 58.6
103 56.0 44.1 66.1



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: 19.15 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

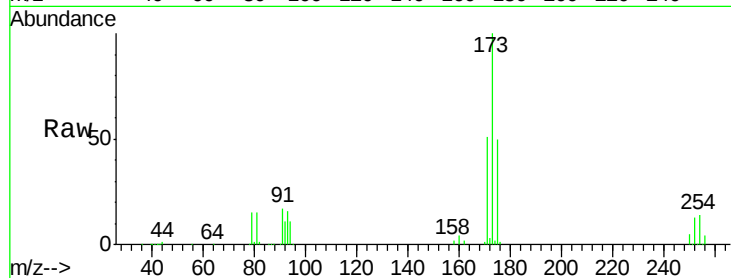
Tgt Ion:173 Resp: 63905

Ion Ratio Lower Upper

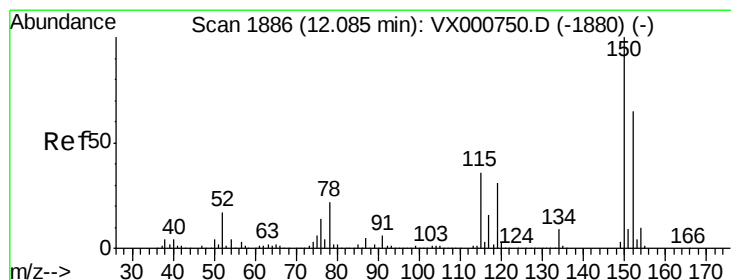
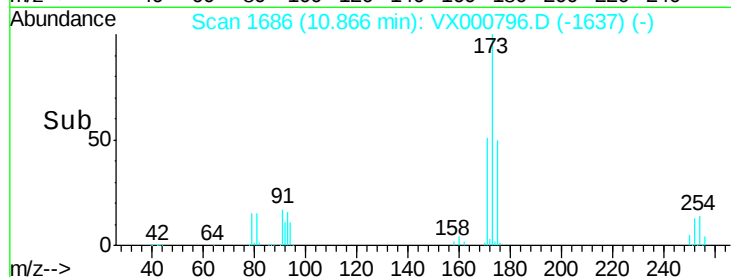
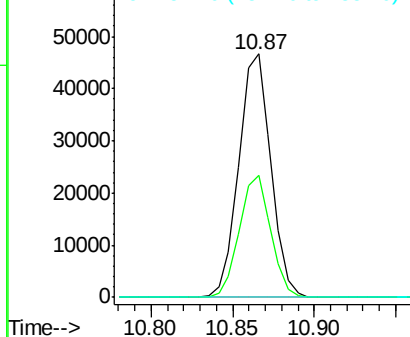
173 100

175 48.8 24.5 73.5

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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

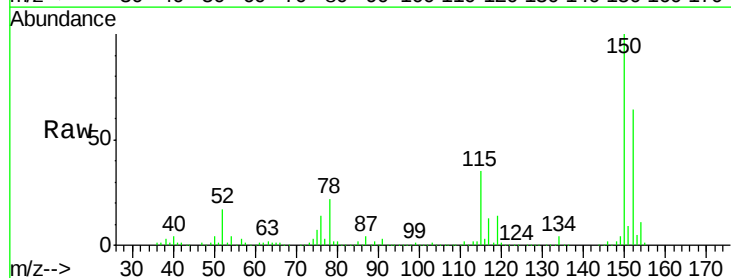
Tgt Ion:152 Resp: 258557

Ion Ratio Lower Upper

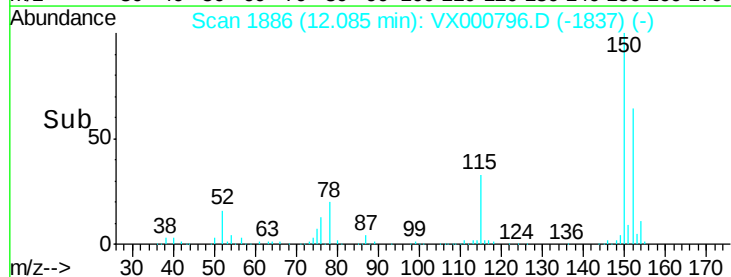
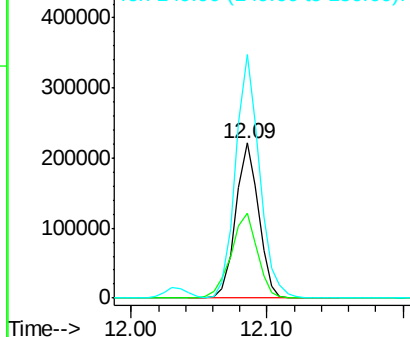
152 100

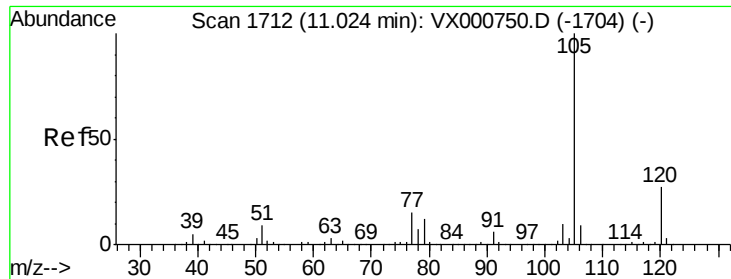
115 62.9 37.9 113.7

150 164.1 0.0 348.0



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: 20.48 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

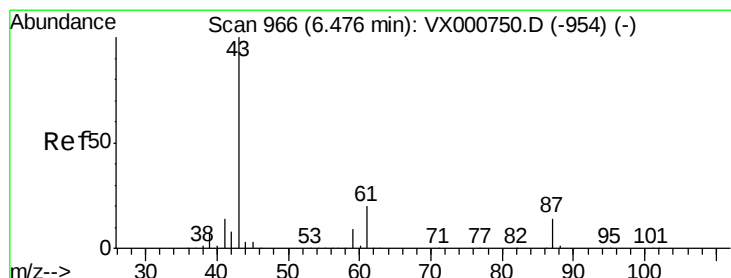
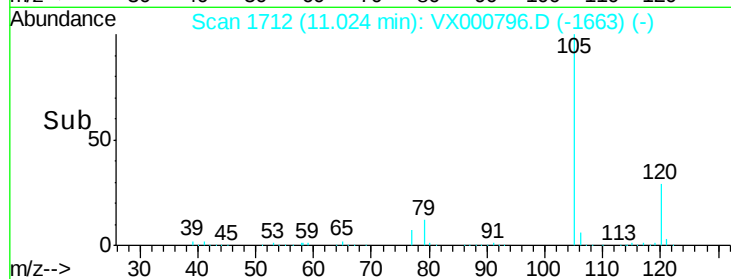
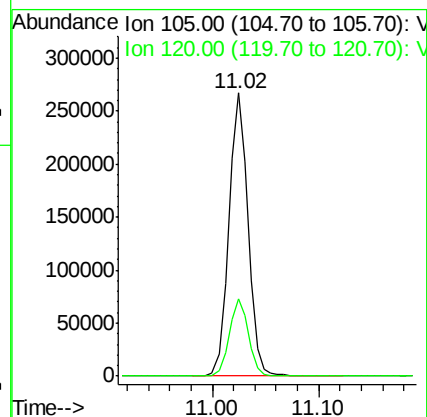
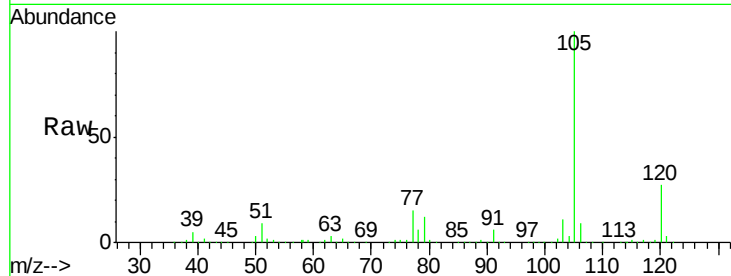
VX0412WBS01

Tgt Ion:105 Resp: 335854

Ion Ratio Lower Upper

105 100

120 27.1 13.7 41.0



#74

N-ethyl acetate

Concen: 19.76 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Tgt Ion: 43 Resp: 145990

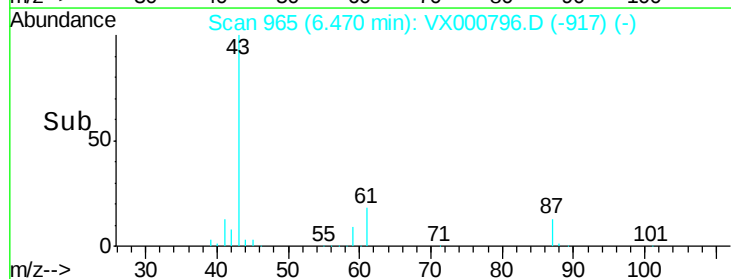
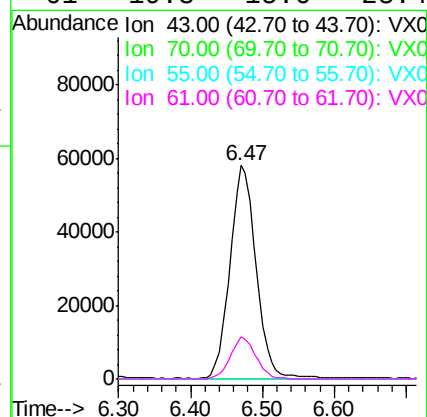
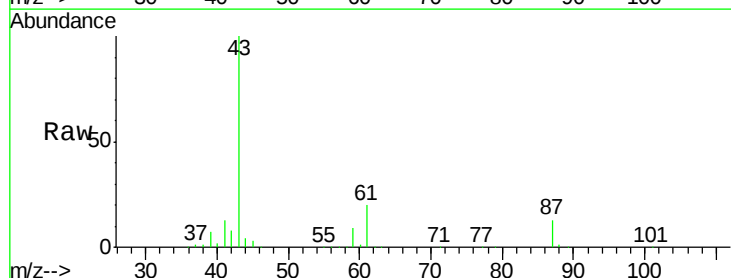
Ion Ratio Lower Upper

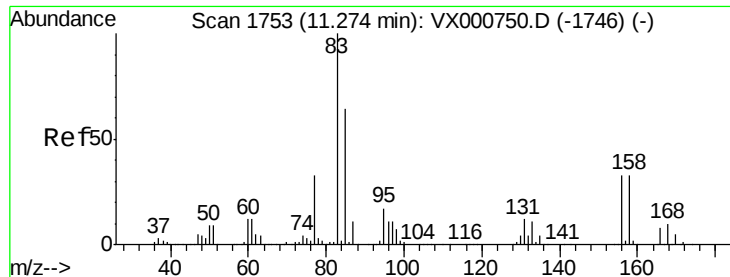
43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 19.3 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.74 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

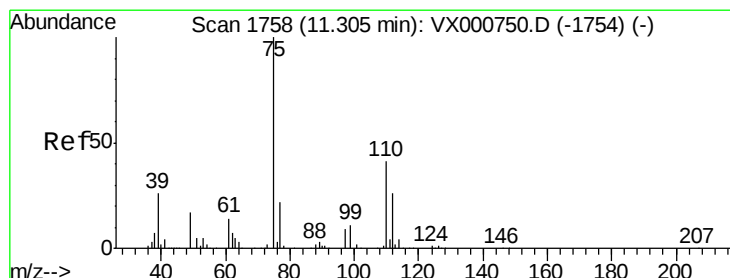
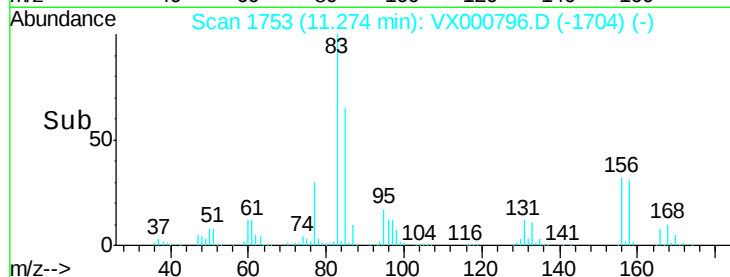
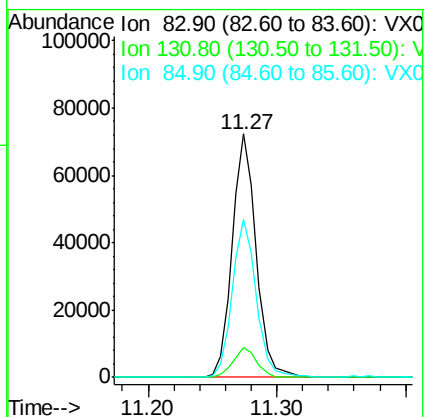
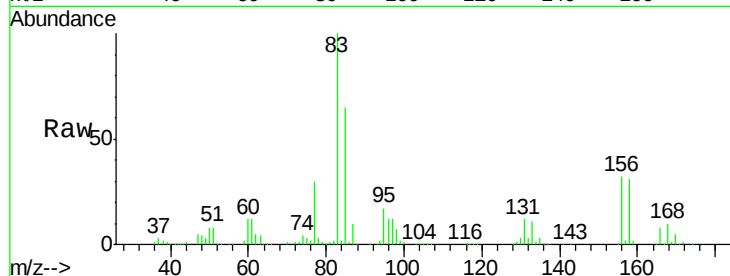
Tgt Ion: 83 Resp: 93948

Ion Ratio Lower Upper

83 100

131 11.9 6.0 18.0

85 65.0 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 25.41 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000796.D

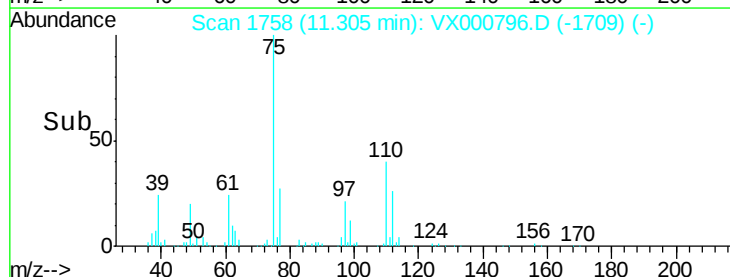
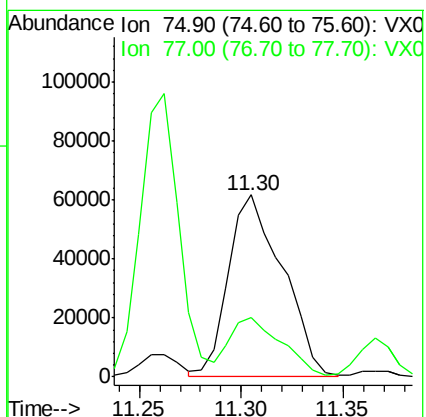
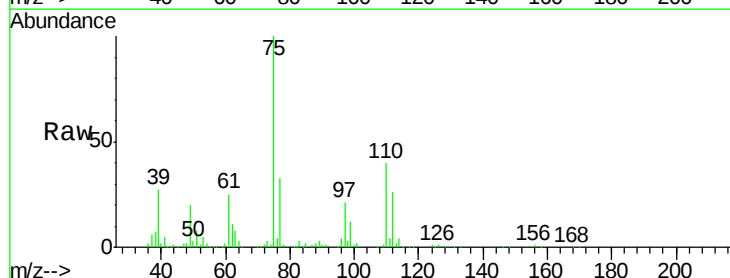
Acq: 12 Apr 2018 12:33

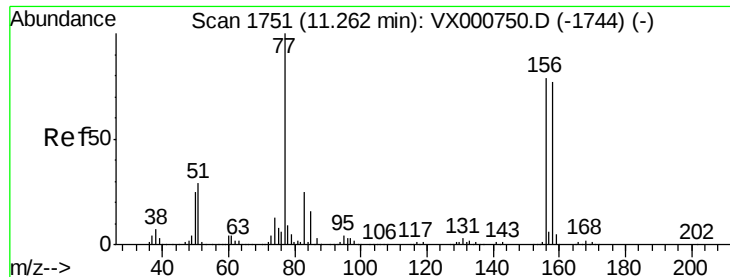
Tgt Ion: 75 Resp: 113293

Ion Ratio Lower Upper

75 100

77 31.3 20.5 61.5





#77

Bromobenzene

Concen: 19.54 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

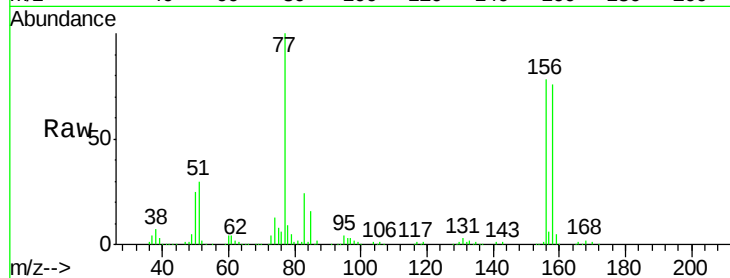
Tgt Ion:156 Resp: 93942

Ion Ratio Lower Upper

156 100

77 134.3 66.0 198.2

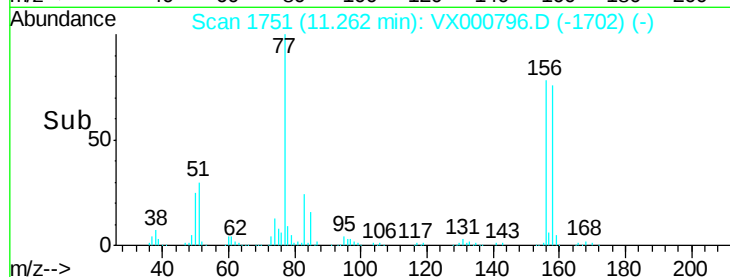
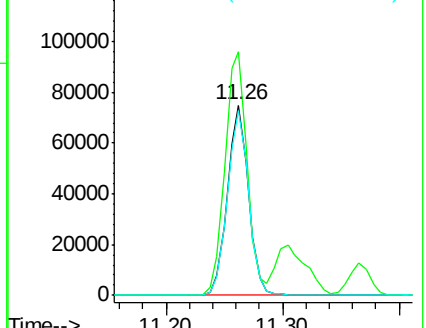
158 98.0 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.32 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000796.D

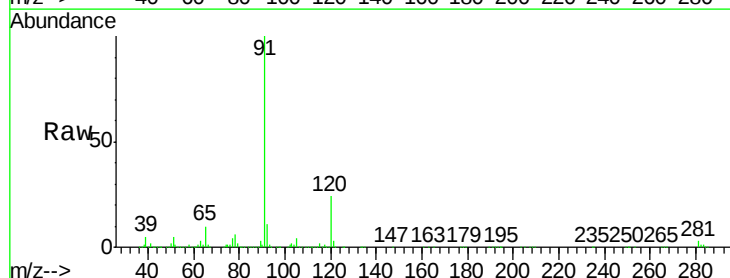
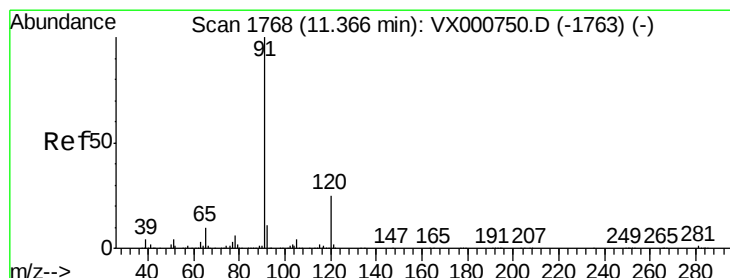
Acq: 12 Apr 2018 12:33

Tgt Ion: 91 Resp: 381311

Ion Ratio Lower Upper

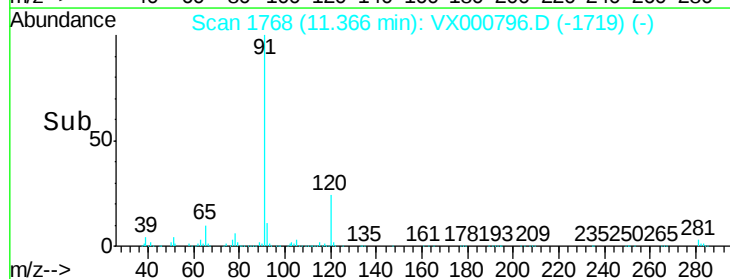
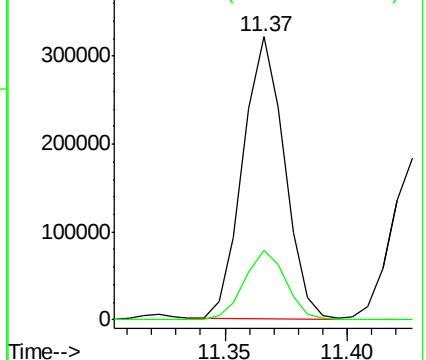
91 100

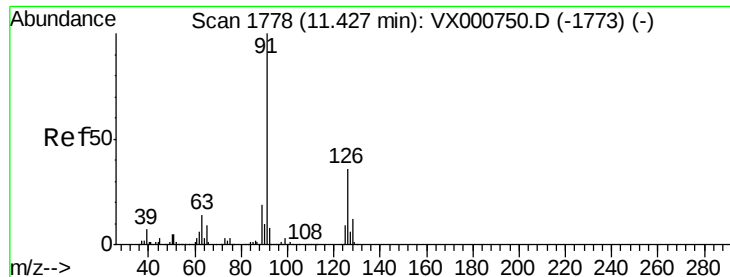
120 24.8 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.18 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

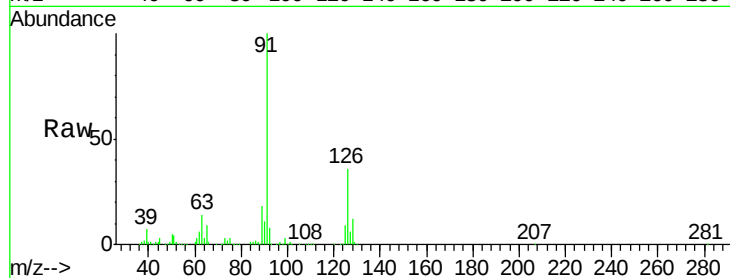
VX0412WBS01

Tgt Ion: 91 Resp: 223775

Ion Ratio Lower Upper

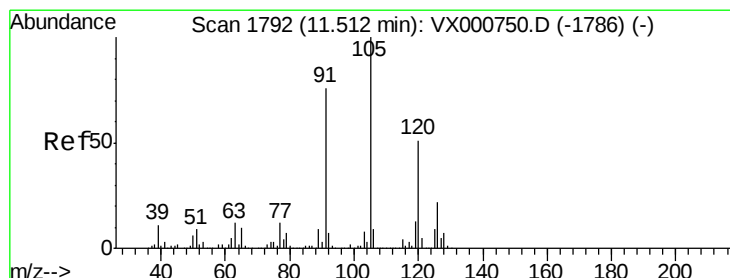
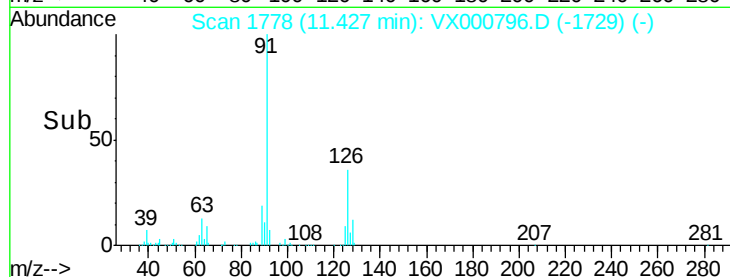
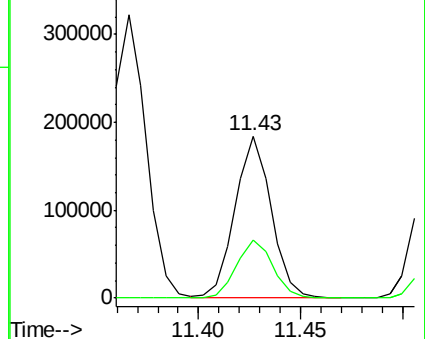
91 100

126 36.6 18.3 54.9



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: 20.15 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000796.D

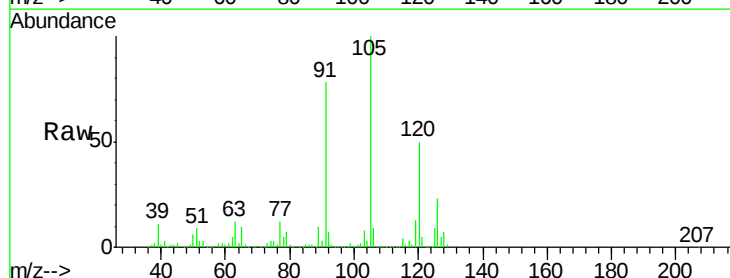
Acq: 12 Apr 2018 12:33

Tgt Ion: 105 Resp: 284311

Ion Ratio Lower Upper

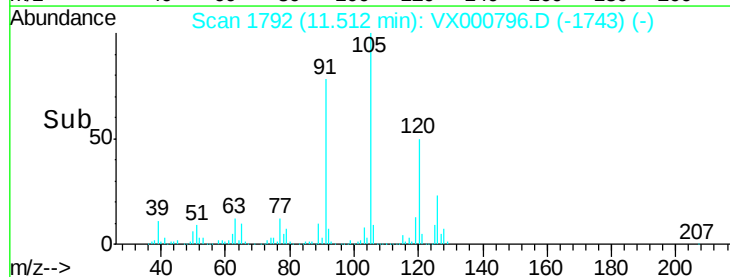
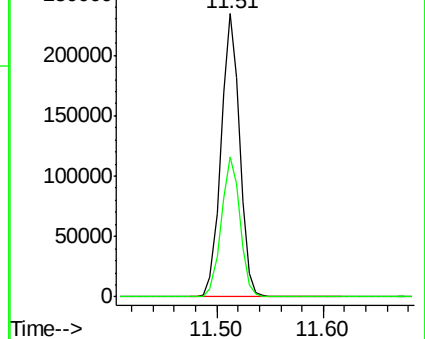
105 100

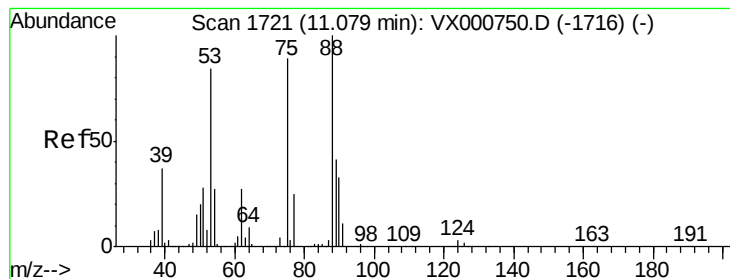
120 50.0 25.0 75.0



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: 18.51 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampled :

VX0412WBS01

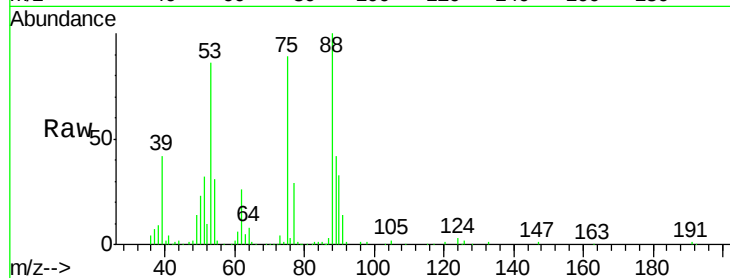
Tgt Ion: 75 Resp: 30012

Ion Ratio Lower Upper

75 100

53 98.6 75.4 113.0

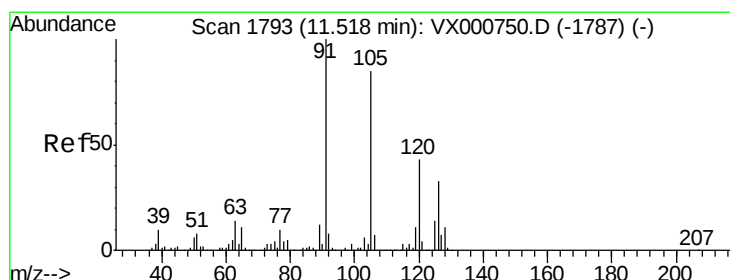
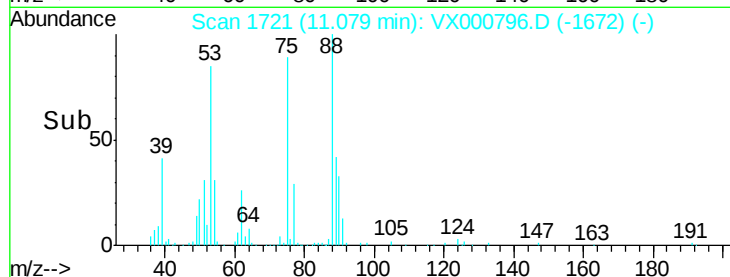
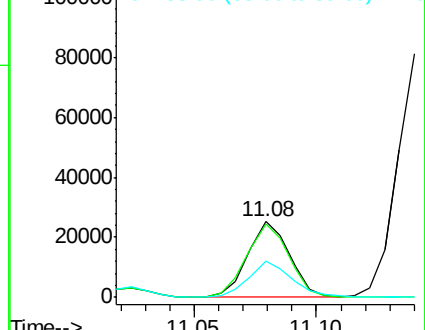
89 50.2 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.01 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000796.D

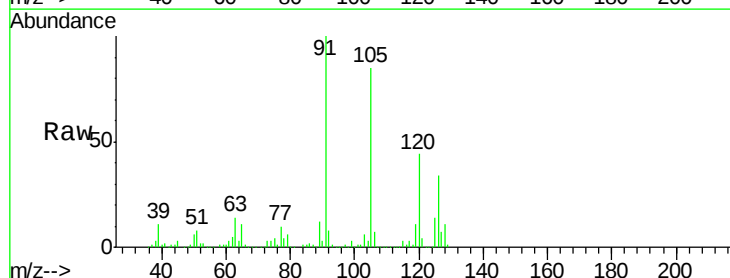
Acq: 12 Apr 2018 12:33

Tgt Ion: 91 Resp: 267830

Ion Ratio Lower Upper

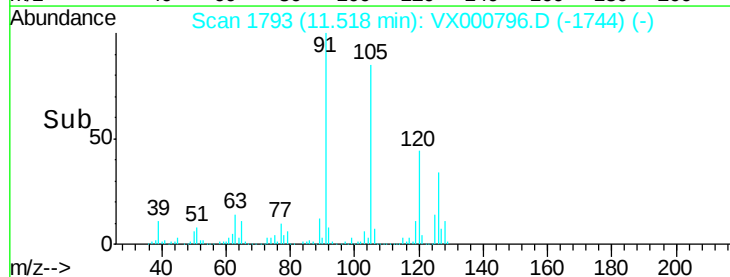
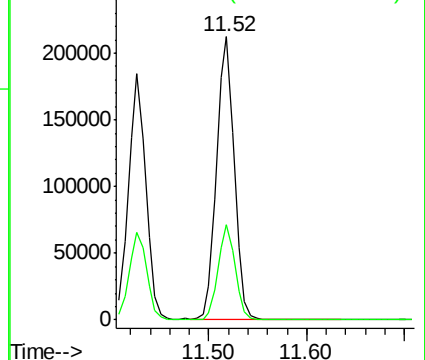
91 100

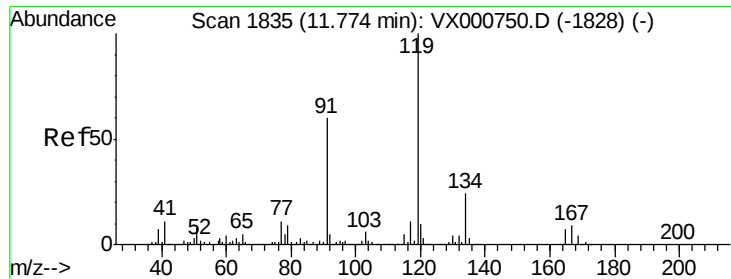
126 32.4 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

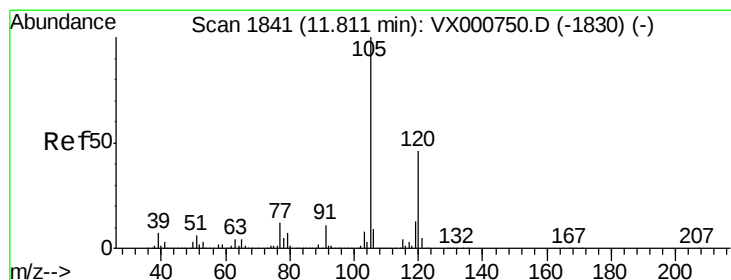
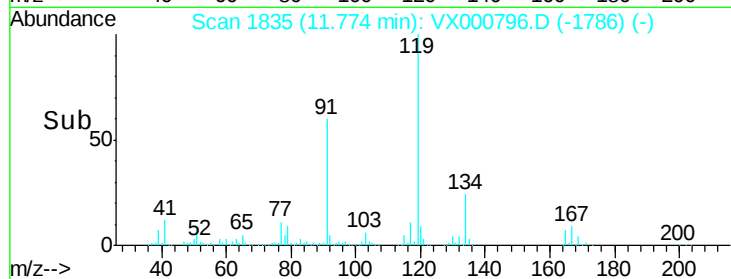
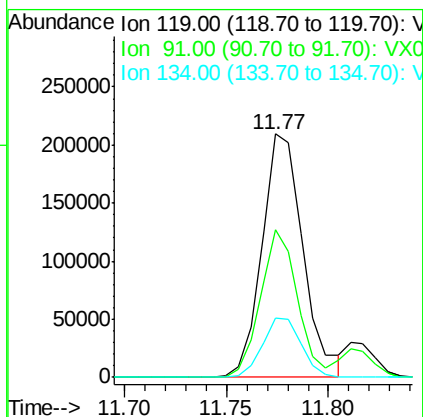
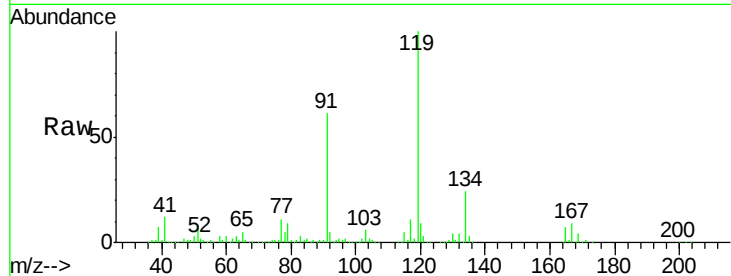




#83
 tert-Butylbenzene
 Concen: 20.35 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

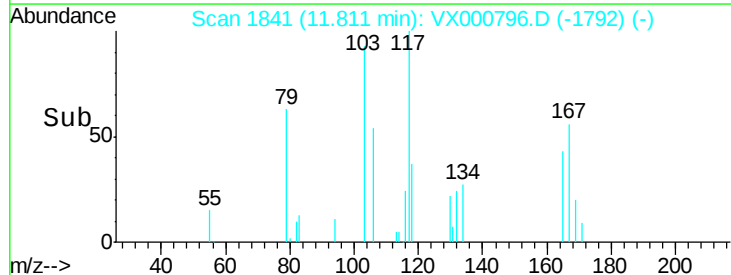
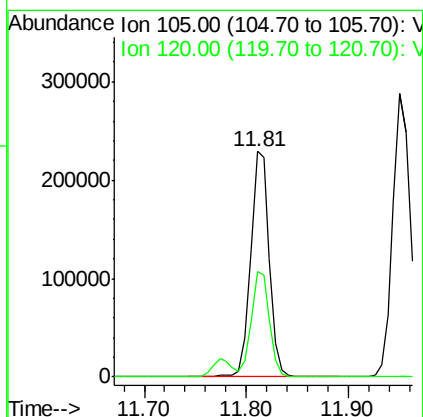
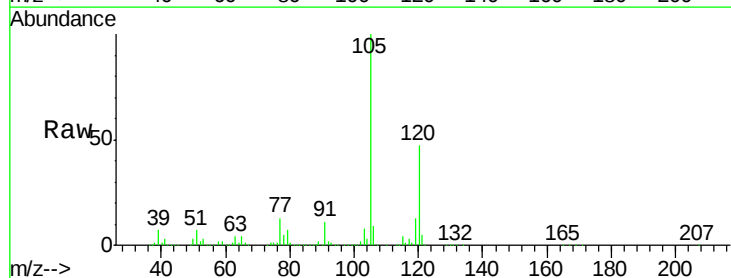
Instrument :
 MSVOA_X
 ClientSampled :
 VX0412WBS01

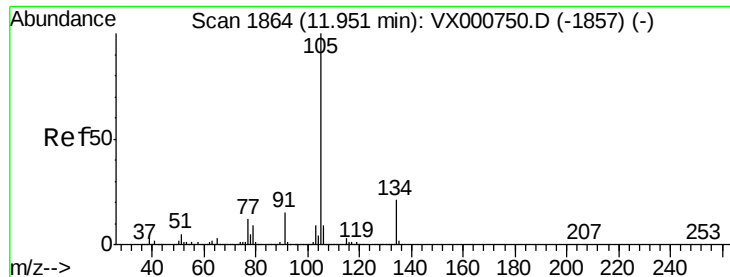
Tgt Ion:119 Resp: 293632
 Ion Ratio Lower Upper
 119 100
 91 54.4 26.8 80.3
 134 23.2 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.03 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

Tgt Ion:105 Resp: 291740
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.3





#85

sec-Butylbenzene

Concen: 20.47 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

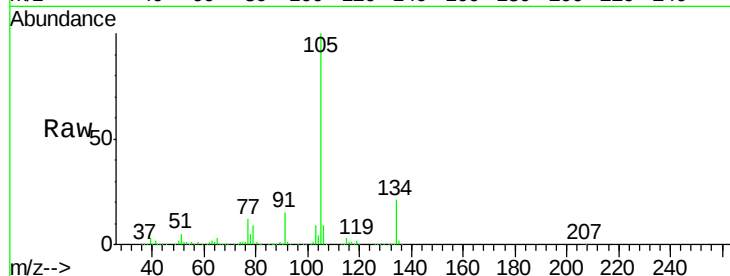
VX0412WBS01

Tgt Ion:105 Resp: 348569

Ion Ratio Lower Upper

105 100

134 21.3 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

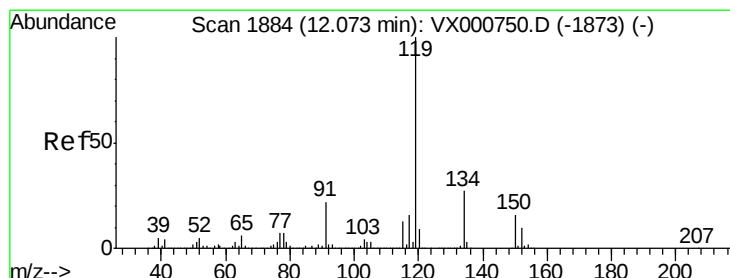
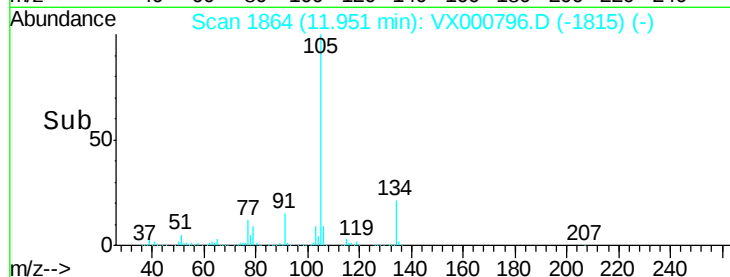
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.51 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

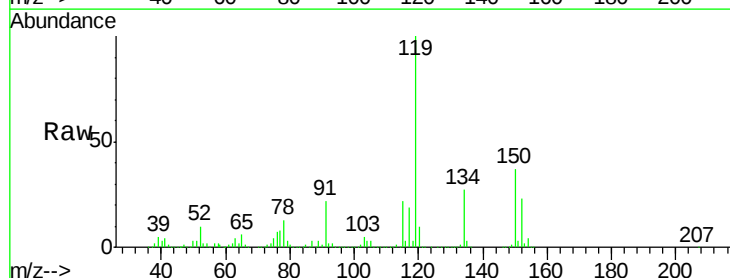
Tgt Ion:119 Resp: 325674

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.5 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

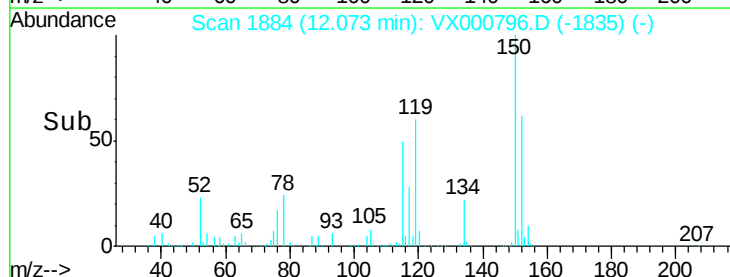
300000

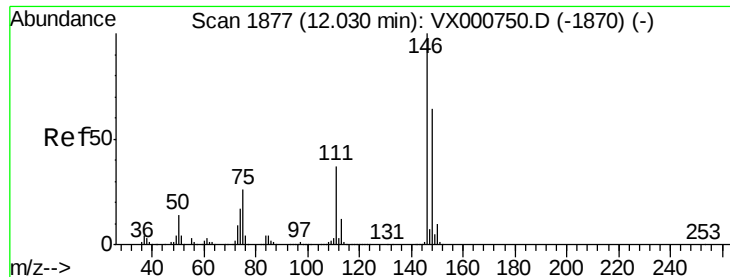
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.84 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampled :

VX0412WBS01

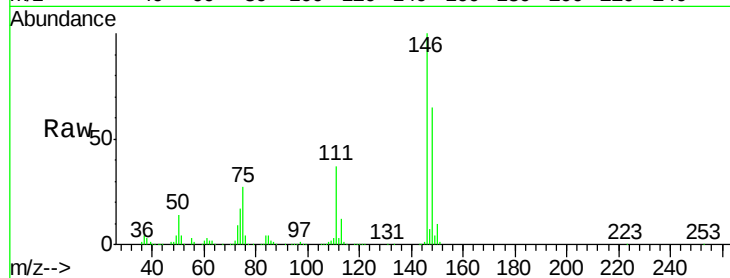
Tgt Ion:146 Resp: 176520

Ion Ratio Lower Upper

146 100

111 36.8 18.3 54.8

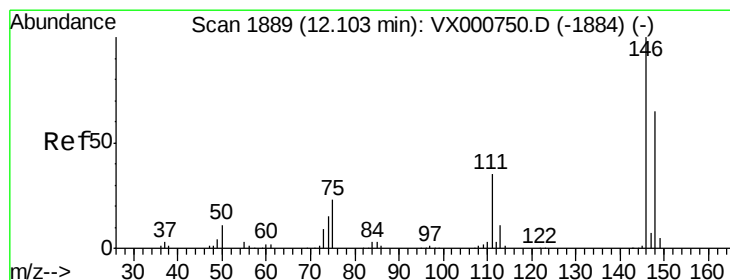
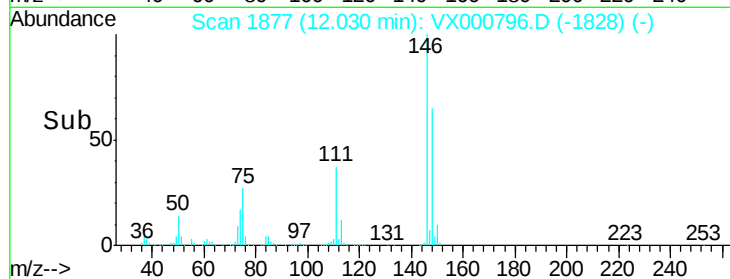
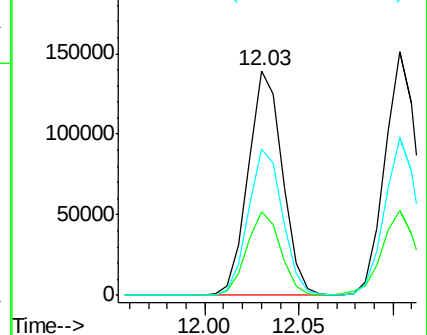
148 65.0 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.99 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

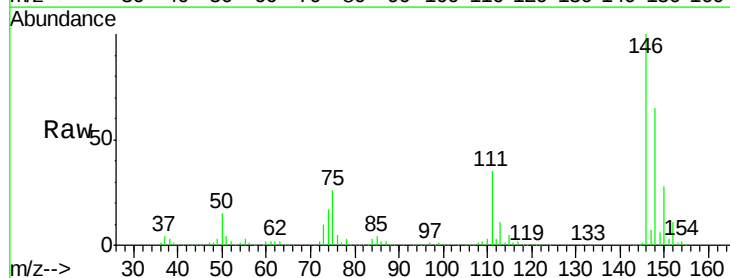
Tgt Ion:146 Resp: 182309

Ion Ratio Lower Upper

146 100

111 36.6 17.9 53.8

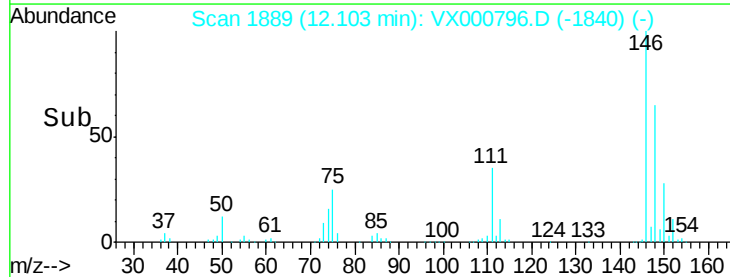
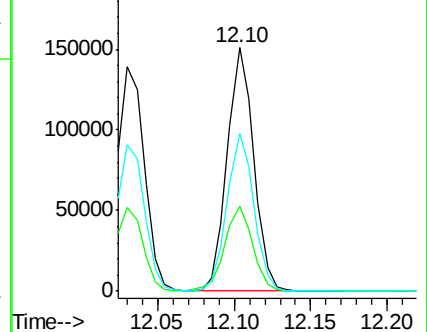
148 65.3 32.6 97.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

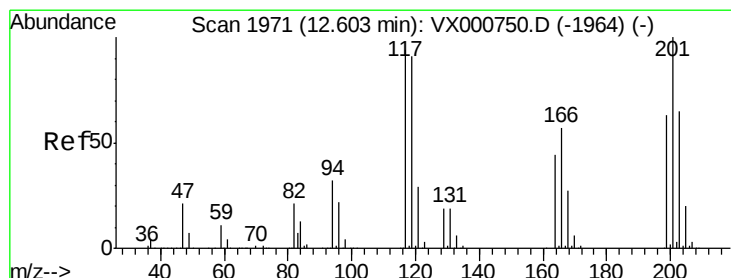
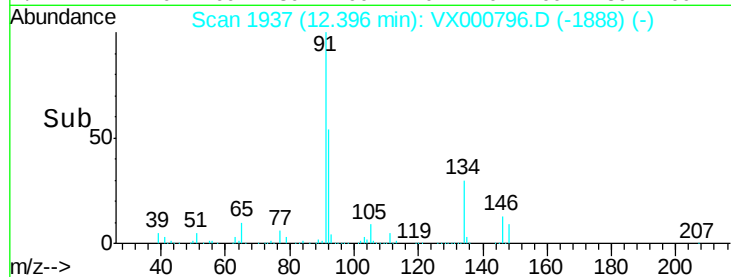
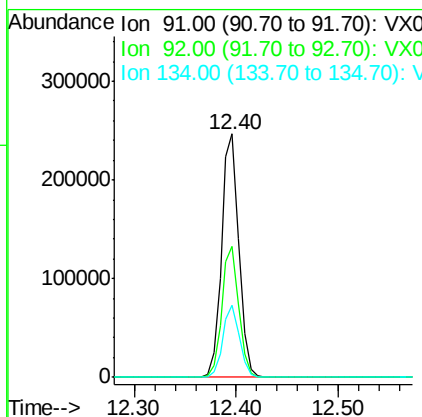
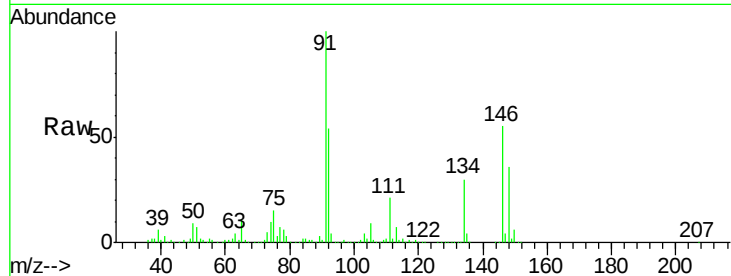




#89
n-Butylbenzene
Concen: 20.76 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

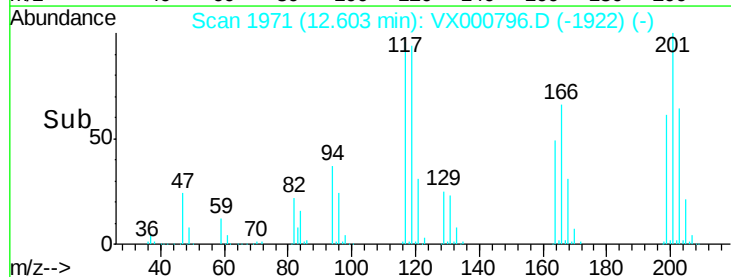
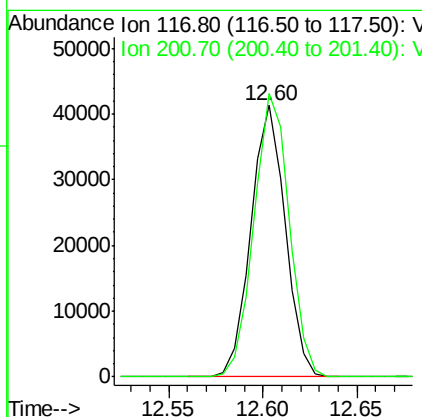
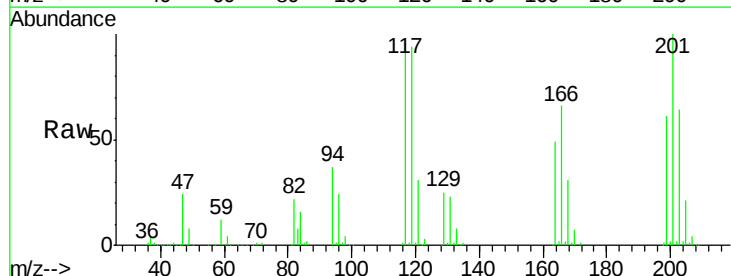
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion: 91 Resp: 290924
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 28.7 14.5 43.5



#90
Hexachloroethane
Concen: 19.46 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion: 117 Resp: 52280
Ion Ratio Lower Upper
117 100
201 106.5 52.9 158.7





#91

1,2-Dichlorobenzene

Concen: 20.00 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBS01

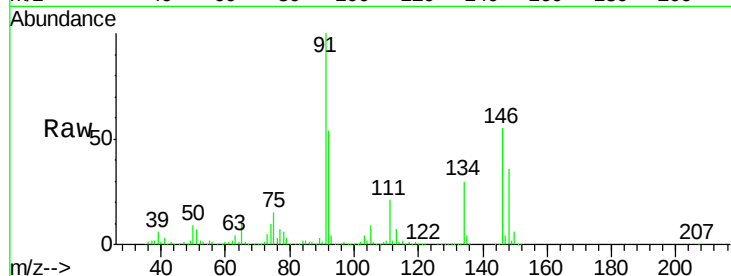
Tgt Ion:146 Resp: 171778

Ion Ratio Lower Upper

146 100

111 38.3 18.9 56.7

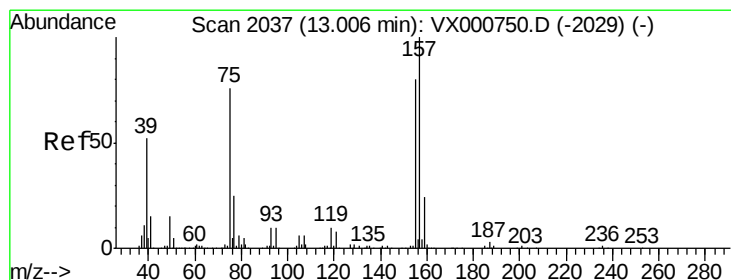
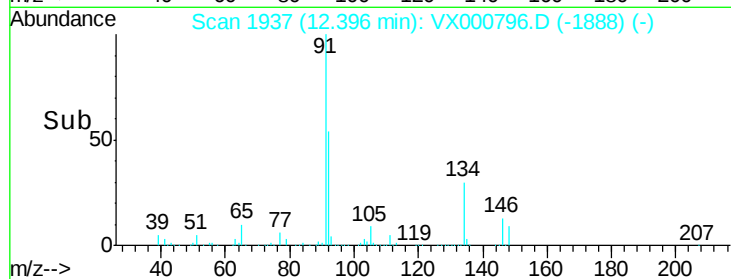
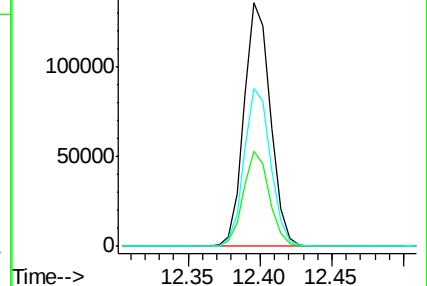
148 65.2 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.39 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX000796.D

Acq: 12 Apr 2018 12:33

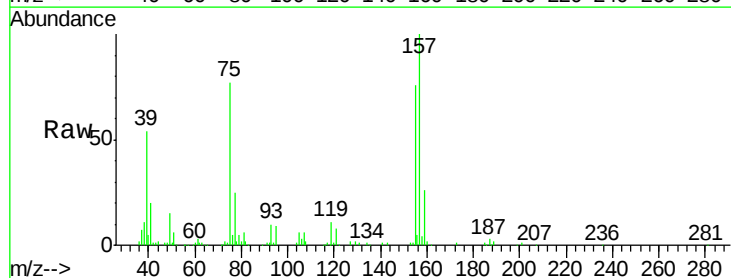
Tgt Ion: 75 Resp: 21934

Ion Ratio Lower Upper

75 100

155 102.5 51.9 155.8

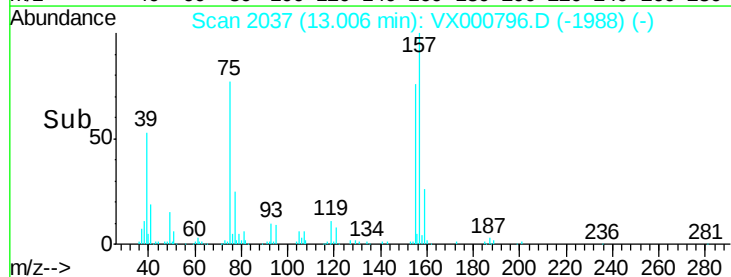
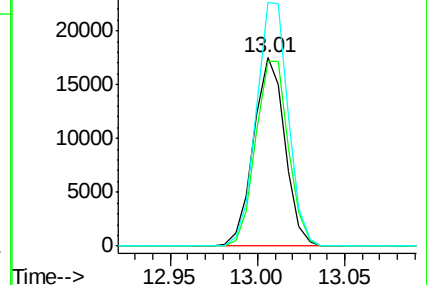
157 131.8 66.6 199.8

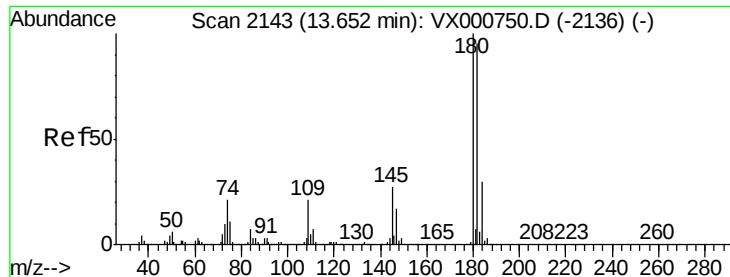


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

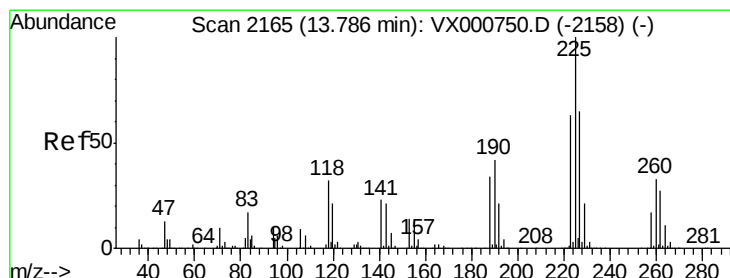
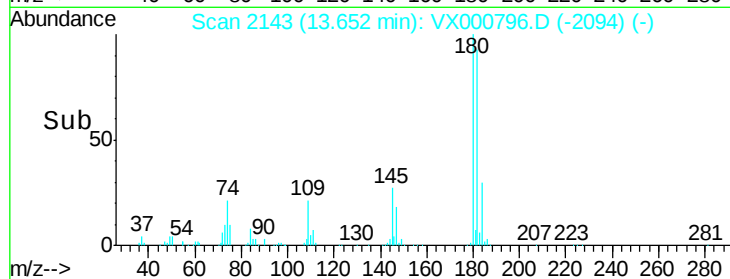
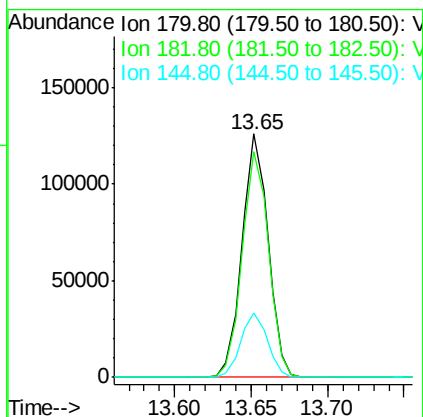
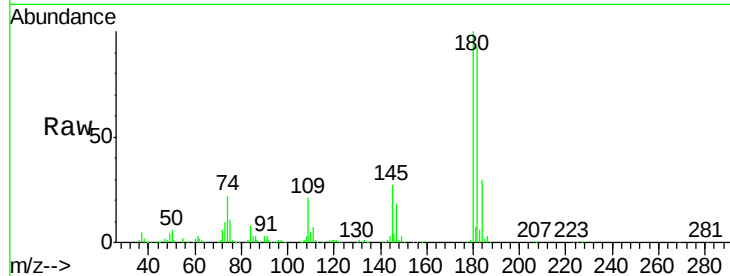




#93
 1,2,4-Trichlorobenzene
 Concen: 20.33 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

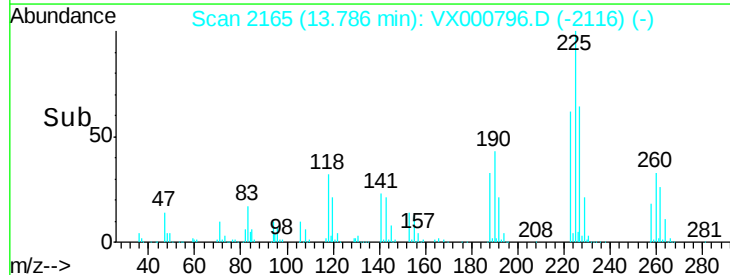
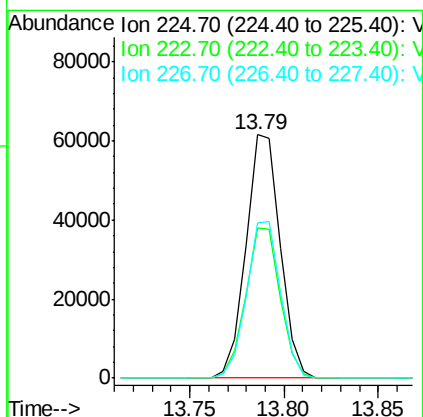
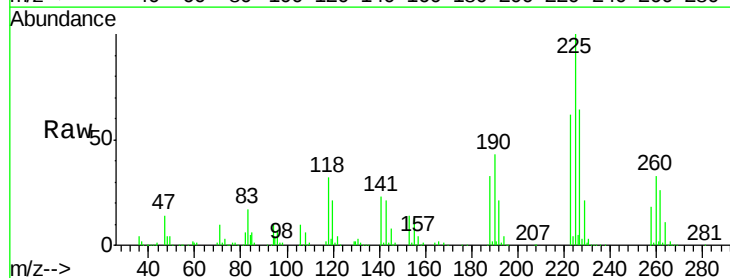
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBS01

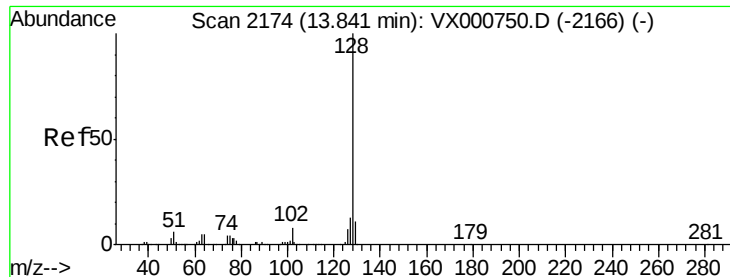
Tgt Ion:180 Resp: 148982
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.5 142.5
 145 27.2 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 21.55 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000796.D
 Acq: 12 Apr 2018 12:33

Tgt Ion:225 Resp: 77667
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.2 93.6
 227 63.8 32.3 96.9

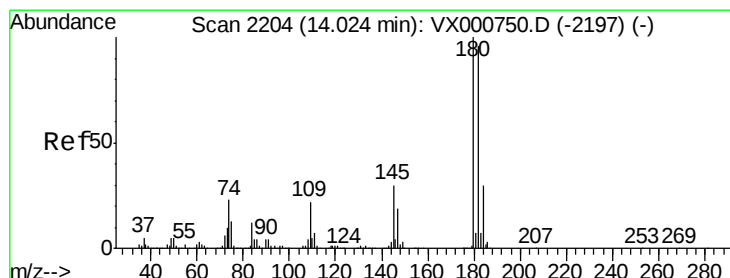
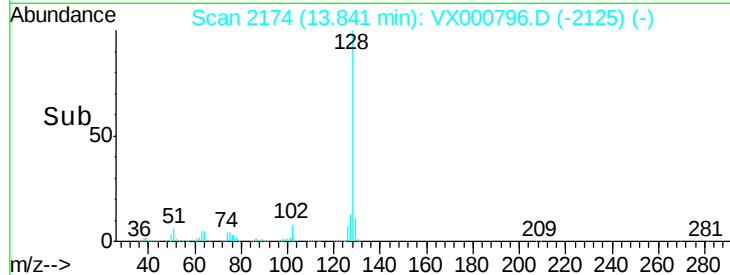
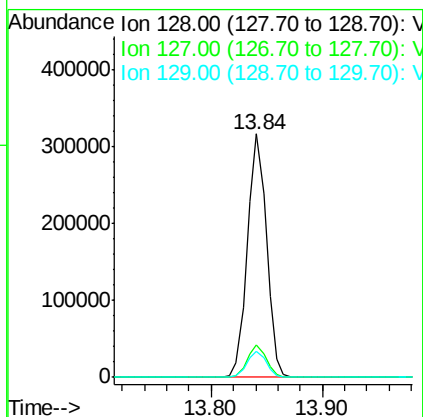
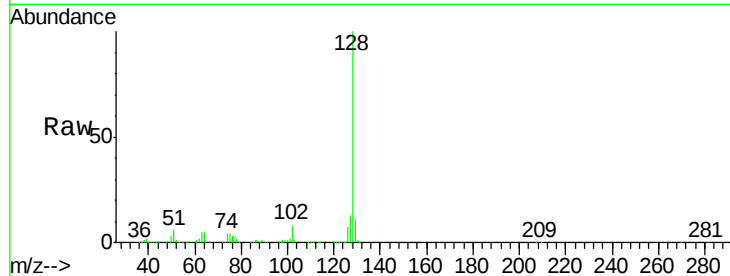




#95
Naphthalene
Concen: 20.05 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBS01

Tgt Ion:128 Resp: 377195
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.11 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX000796.D
Acq: 12 Apr 2018 12:33

Tgt Ion:180 Resp: 143131
Ion Ratio Lower Upper
180 100
182 95.5 48.4 145.2
145 29.4 14.6 43.8

