

Data Path : Y:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002261.D
 Acq On : 04 Jun 2018 15:41
 Operator : JC/MD
 Sample : VX0604WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

Quant Time: Jun 05 04:58:15 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	304063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	436767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	411037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	246536	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	201741	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	5.51	113	152344	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	
50) Toluene-d8	8.72	98	599693	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
62) 4-Bromofluorobenzene	11.14	95	222619	43.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.70%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	66466	21.03	ug/l	99
3) Chloromethane	1.33	50	79176	20.15	ug/l	100
4) Vinyl Chloride	1.41	62	80792	20.28	ug/l	99
5) Bromomethane	1.64	94	53456	21.83	ug/l	100
6) Chloroethane	1.73	64	50317	19.53	ug/l	97
7) Trichlorofluoromethane	1.93	101	127394	20.99	ug/l	98
8) Diethyl Ether	2.20	74	45327	19.56	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71083	21.70	ug/l	99
10) Methyl Iodide	2.52	142	66227	14.38	ug/l	98
11) Tert butyl alcohol	3.07	59	93860	92.89	ug/l	98
12) 1,1-Dichloroethene	2.38	96	64240	19.85	ug/l	98
13) Acrolein	2.30	56	44502	97.11	ug/l	99
14) Allyl chloride	2.73	41	130999	18.65	ug/l	100
15) Acrylonitrile	3.15	53	193157	98.51	ug/l	100
16) Acetone	2.45	43	200796	95.53	ug/l	100
17) Carbon Disulfide	2.57	76	159796	18.73	ug/l	99
18) Methyl Acetate	2.78	43	91811	19.43	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	235242	19.41	ug/l	97
20) Methylene Chloride	2.86	84	72318	19.34	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	68078	19.07	ug/l	98
22) Diisopropyl ether	3.88	45	248412	20.28	ug/l	98
23) Vinyl Acetate	3.83	43	1086822	95.44	ug/l	99
24) 1,1-Dichloroethane	3.70	63	132649	19.11	ug/l	98
25) 2-Butanone	4.71	43	271200	90.97	ug/l	99
26) 2,2-Dichloropropane	4.59	77	100588	18.53	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	70887	18.26	ug/l	96
28) Bromochloromethane	5.03	49	65064	19.89	ug/l	99
29) Tetrahydrofuran	5.17	42	175344	91.22	ug/l	99
30) Chloroform	5.22	83	123757	18.47	ug/l	97
31) Cyclohexane	5.58	56	112908	20.57	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	110049	19.37	ug/l	99
36) 1,1-Dichloropropene	5.81	75	92069	20.05	ug/l	99
37) Ethyl Acetate	4.87	43	106129	19.22	ug/l	99
38) Carbon Tetrachloride	5.79	117	96137	20.01	ug/l	98

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Quant Time: Jun 05 04:58:15 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	113445	20.16	ug/l	98
40) Benzene	6.15	78	276501	19.64	ug/l	100
41) Methacrylonitrile	5.07	41	59485	18.82	ug/l	100
42) 1,2-Dichloroethane	6.20	62	108156	19.34	ug/l	100
43) Isopropyl Acetate	6.47	43	173531	18.50	ug/l	100
44) Trichloroethene	7.22	130	78297	20.04	ug/l	97
45) 1,2-Dichloropropane	7.52	63	71122	18.71	ug/l	100
46) Dibromomethane	7.67	93	48072	18.66	ug/l	100
47) Bromodichloromethane	7.90	83	86074	18.47	ug/l	98
48) Methyl methacrylate	7.78	41	89675	19.03	ug/l	99
49) 1,4-Dioxane	7.76	88	34965	396.93	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	555637	95.13	ug/l	100
52) Toluene	8.79	92	178011	19.88	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	105718	18.92	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	97910	18.57	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	69562	18.89	ug/l	99
56) Ethyl methacrylate	9.18	69	109383	18.60	ug/l	99
57) 1,3-Dichloropropane	9.38	76	117368	19.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	260078	95.57	ug/l	100
59) 2-Hexanone	9.50	43	434121	96.23	ug/l	100
60) Dibromochloromethane	9.59	129	67532	18.23	ug/l	99
61) 1,2-Dibromoethane	9.68	107	72980	19.01	ug/l	99
64) Tetrachloroethene	9.34	164	87175	20.56	ug/l	99
65) Chlorobenzene	10.14	112	201265	19.68	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	70691	19.09	ug/l	100
67) Ethyl Benzene	10.26	91	347994	20.33	ug/l	99
68) m/p-Xylenes	10.37	106	265310	39.87	ug/l	100
69) o-Xylene	10.70	106	130924	19.77	ug/l	99
70) Styrene	10.72	104	211639	19.55	ug/l	99
71) Bromoform	10.86	173	50919	17.75	ug/l #	100
73) Isopropylbenzene	11.02	105	353645	20.62	ug/l	100
74) N-amyl acetate	6.47	43	173531	18.78	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	100409	18.61	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	120332	22.24	ug/l	80
77) Bromobenzene	11.26	156	93629	19.45	ug/l	100
78) n-propylbenzene	11.37	91	399488	20.96	ug/l	100
79) 2-Chlorotoluene	11.43	91	237135	19.70	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	297333	20.21	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	26820	17.38	ug/l	93
82) 4-Chlorotoluene	11.51	91	276263	19.89	ug/l	99
83) tert-Butylbenzene	11.77	119	289803	20.23	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	306000	20.21	ug/l	100
85) sec-Butylbenzene	11.95	105	356651	21.24	ug/l	99
86) p-Isopropyltoluene	12.07	119	320396	20.95	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	166745	19.37	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	172027	19.39	ug/l	99
89) n-Butylbenzene	12.39	91	270261	21.07	ug/l	100
90) Hexachloroethane	12.60	117	45562	18.66	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	172602	19.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	22433	19.02	ug/l	98

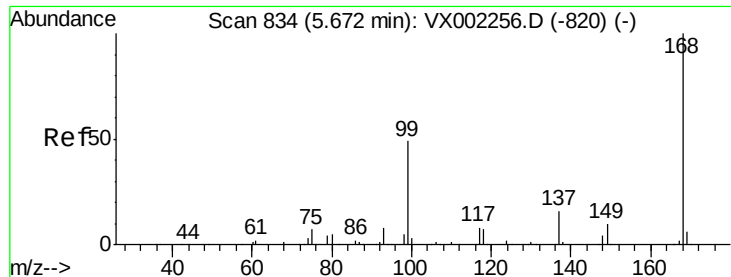
Data Path : Y:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
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Quant Time: Jun 05 04:58:15 2018
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	122295	19.58	ug/l	100
94) Hexachlorobutadiene	13.79	225	66043	21.40	ug/l	99
95) Naphthalene	13.84	128	354364	19.75	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	127194	19.97	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: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

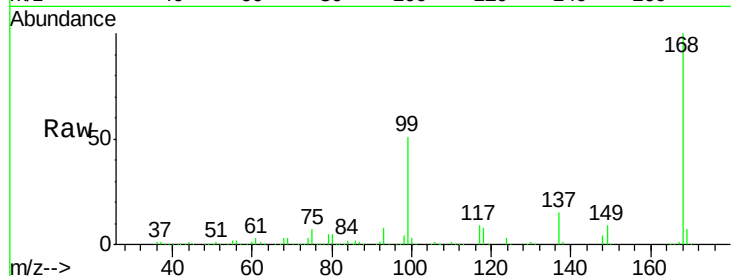
VX0604WBS01

Tot Ion:168 Resp: 304063

Ion Ratio Lower Upper

168 100

99 50.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

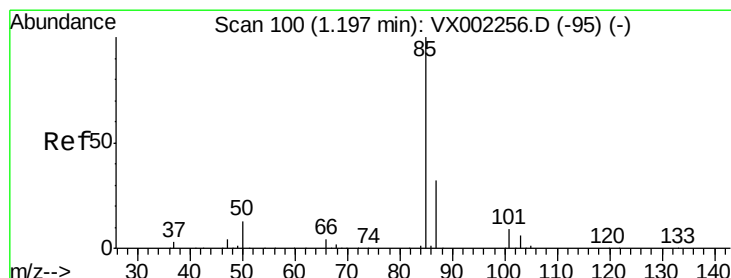
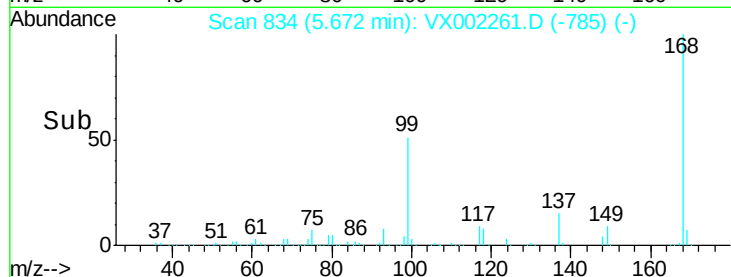
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 21.03 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002261.D

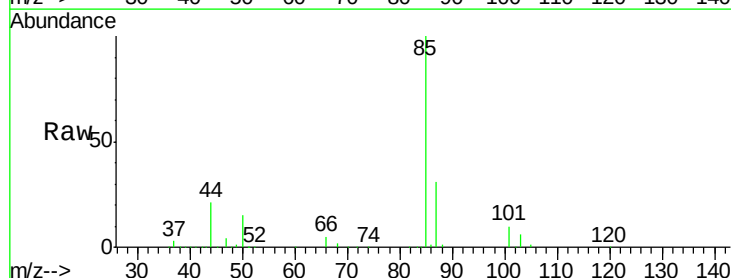
Acq: 04 Jun 2018 15:41

Tgt Ion: 85 Resp: 66466

Ion Ratio Lower Upper

85 100

87 31.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

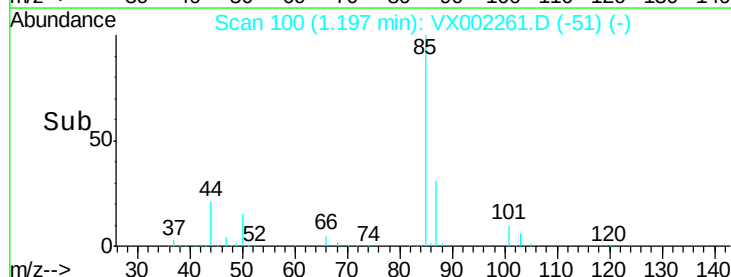
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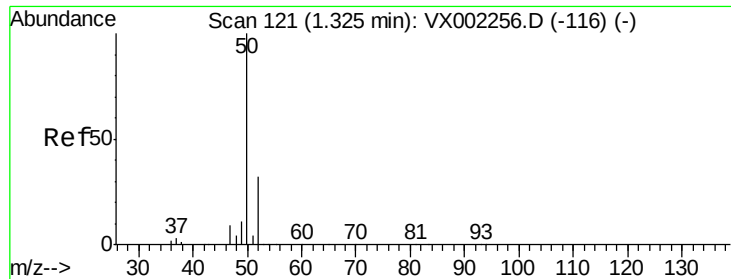
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 20.15 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

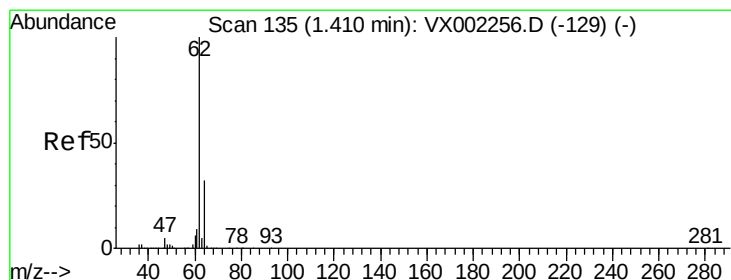
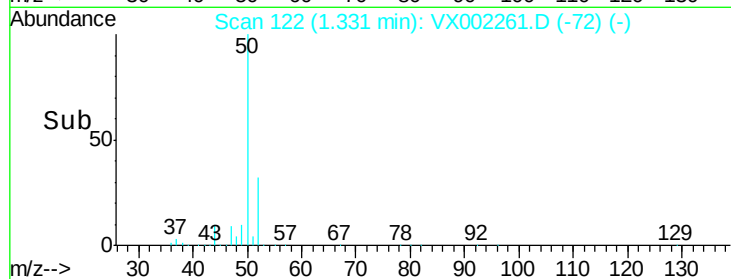
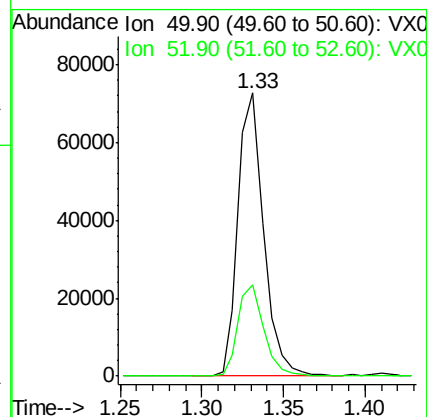
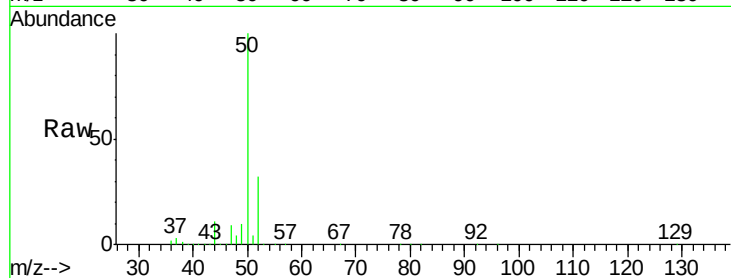
VX0604WBS01

Tot Ion: 50 Resp: 79176

Ion Ratio Lower Upper

50 100

52 32.1 25.7 38.5



#4

Vinyl Chloride

Concen: 20.28 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002261.D

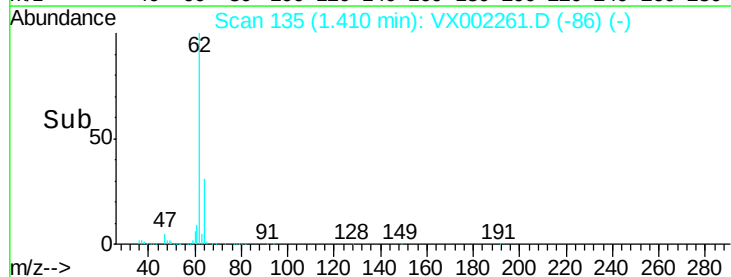
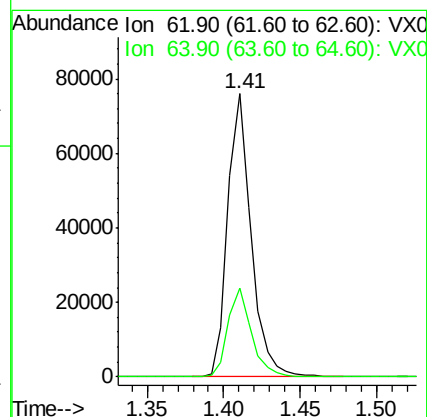
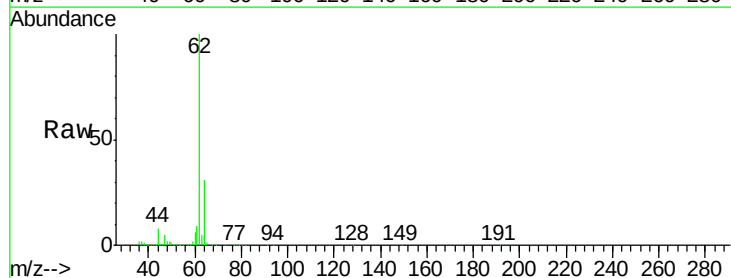
Acq: 04 Jun 2018 15:41

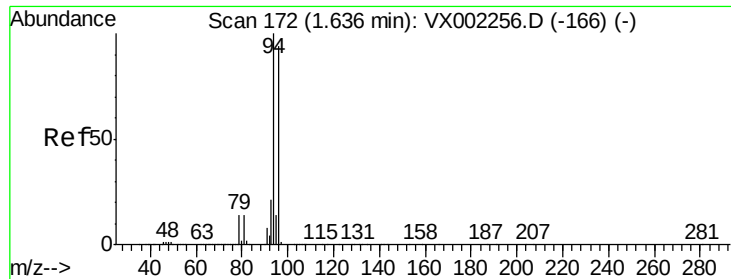
Tgt Ion: 62 Resp: 80792

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.2





#5

Bromomethane

Concen: 21.83 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

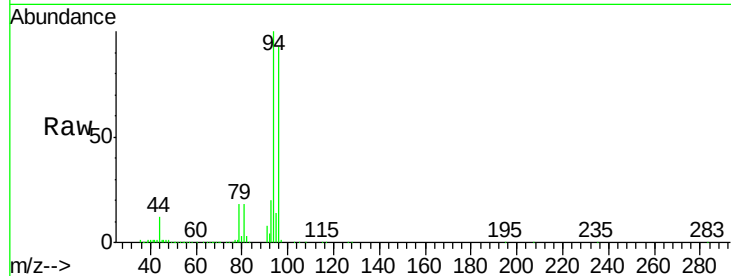
VX0604WBS01

Tot Ion: 94 Resp: 53456

Ion Ratio Lower Upper

94 100

96 93.2 74.9 112.3

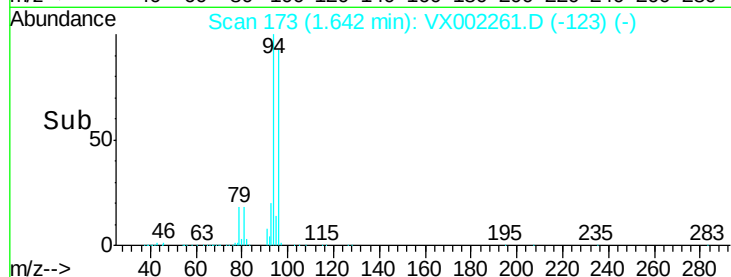


Abundance Ion 93.90 (93.60 to 94.60): VX0

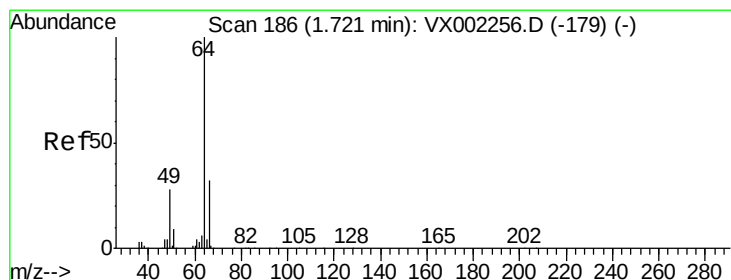
Ion 95.90 (95.60 to 96.60): VX0

1.64

Time-->



Time-->



#6

Chloroethane

Concen: 19.53 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002261.D

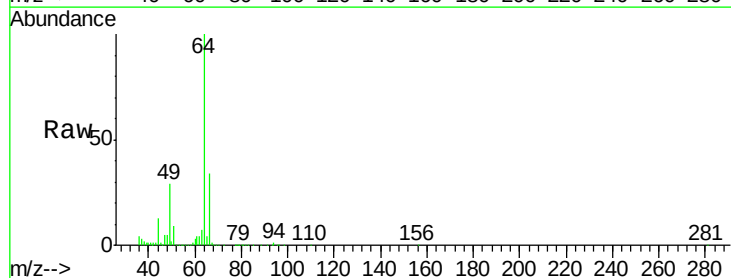
Acq: 04 Jun 2018 15:41

Tgt Ion: 64 Resp: 50317

Ion Ratio Lower Upper

64 100

66 33.7 25.5 38.3

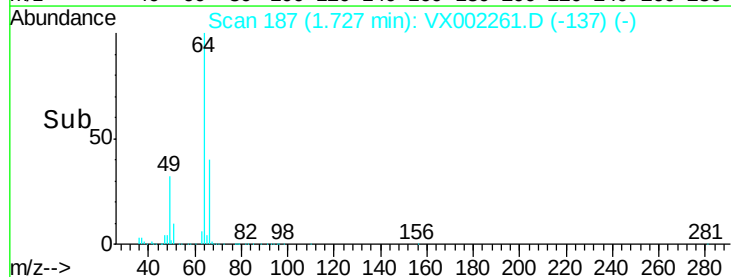


Abundance Ion 63.90 (63.60 to 64.60): VX0

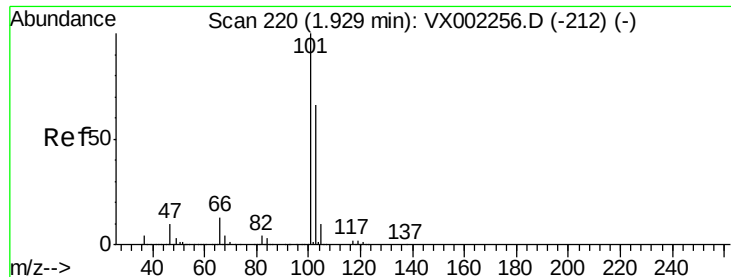
Ion 65.90 (65.60 to 66.60): VX0

1.73

Time-->



Time-->

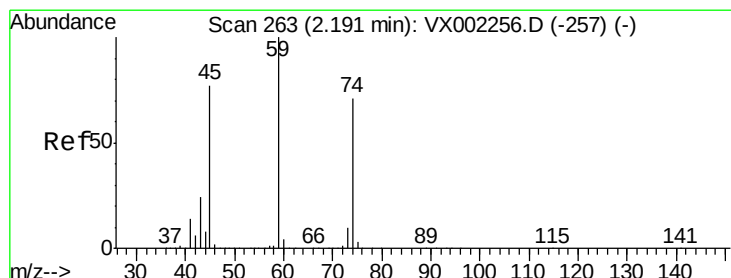
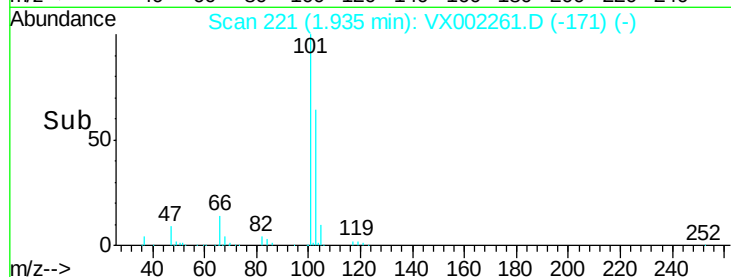
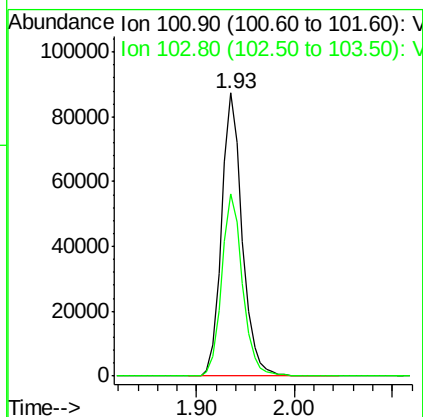
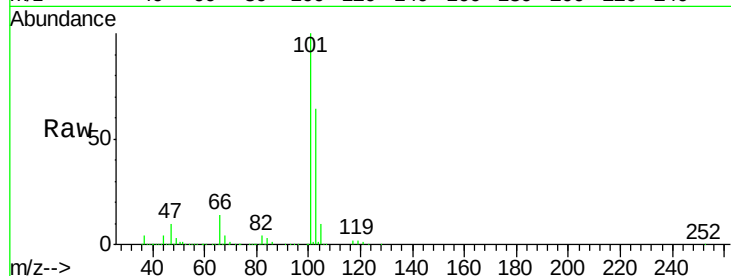


#7

Trichlorofluoromethane
Concen: 20.99 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

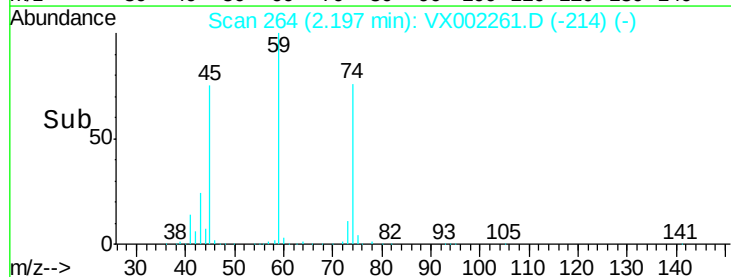
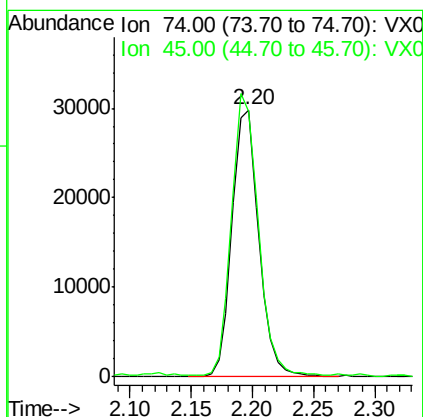
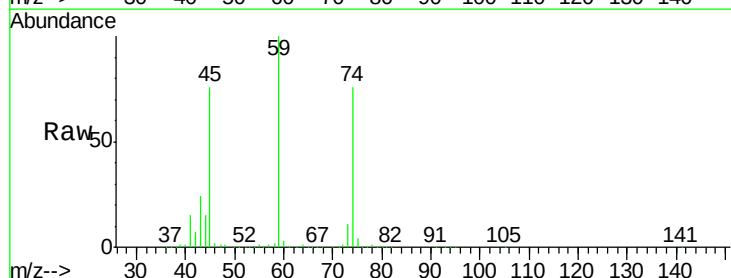
Tot Ion:101 Resp: 127394
Ion Ratio Lower Upper
101 100
103 64.5 52.8 79.2

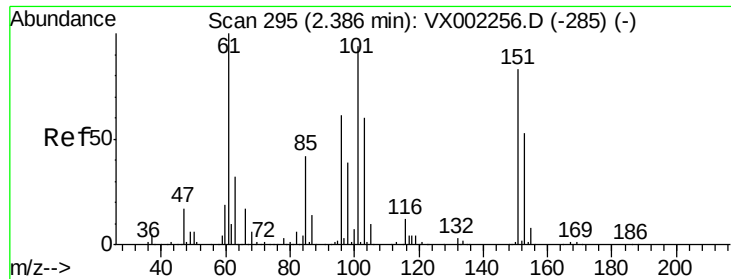


#8

Diethyl Ether
Concen: 19.56 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

Tgt Ion: 74 Resp: 45327
Ion Ratio Lower Upper
74 100
45 104.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.70 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

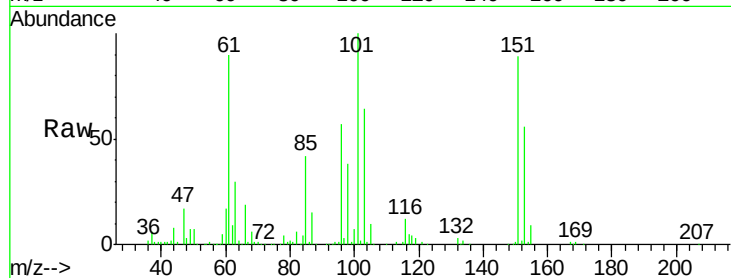
Tot Ion:101 Resp: 71083

Ion Ratio Lower Upper

101 100

85 44.7 36.0 54.0

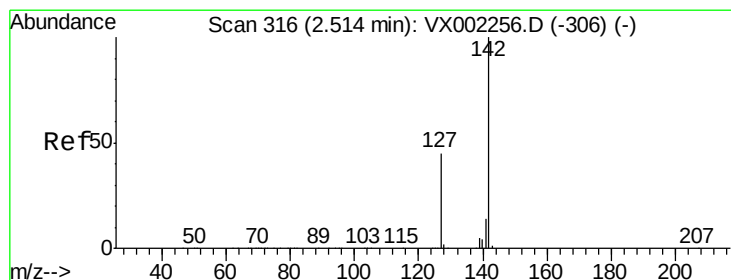
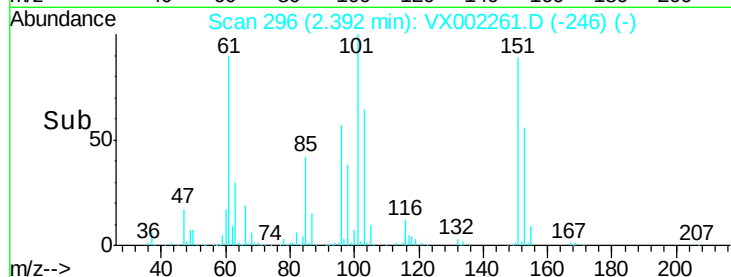
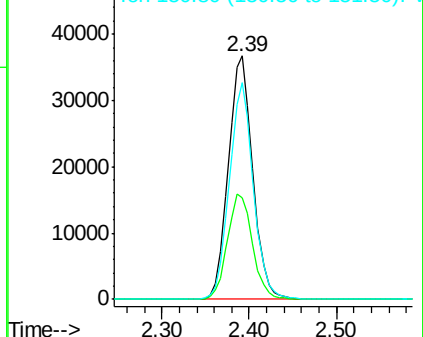
151 87.6 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.38 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

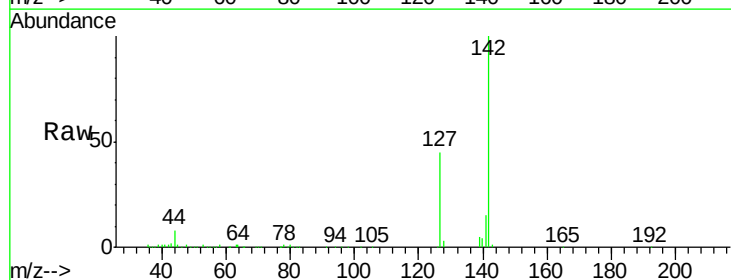
Tgt Ion:142 Resp: 66227

Ion Ratio Lower Upper

142 100

127 47.6 36.6 55.0

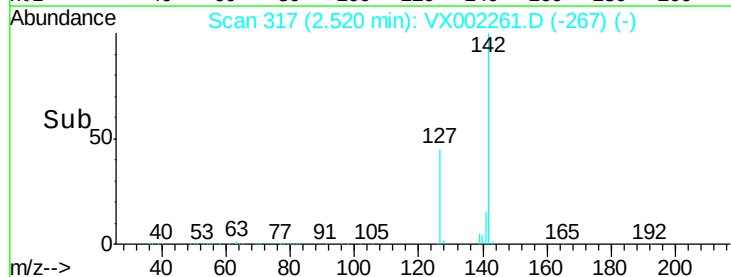
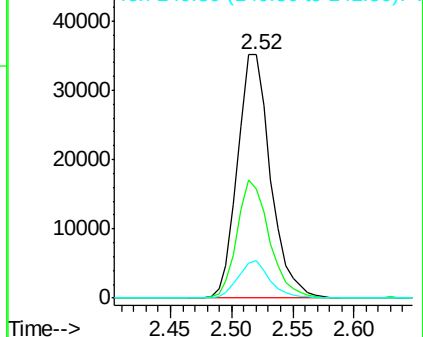
141 14.7 11.3 16.9

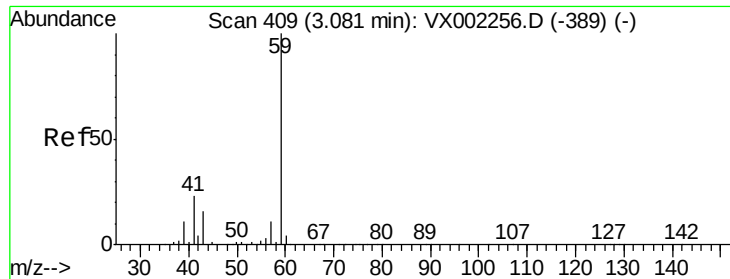


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



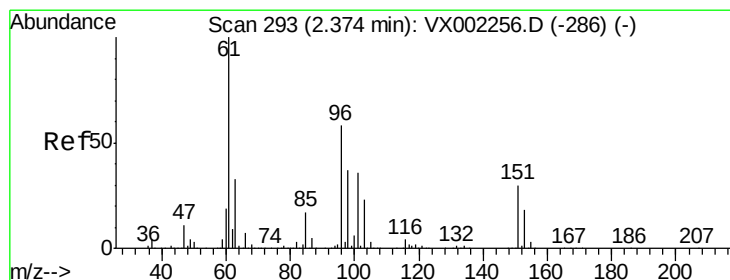
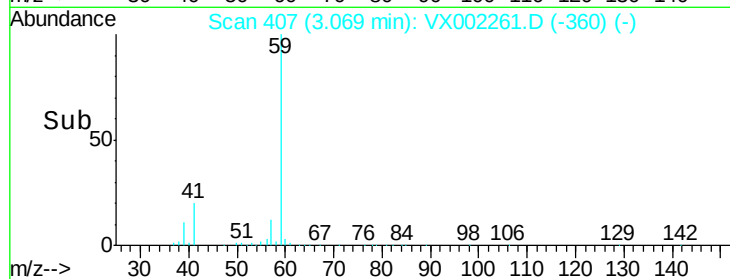
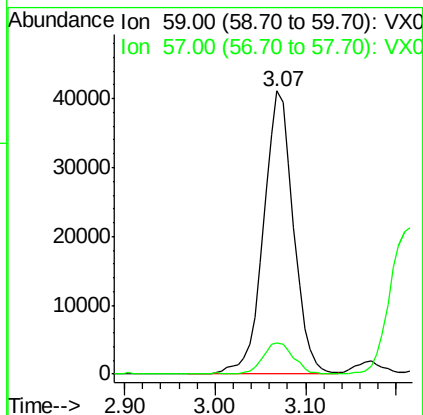
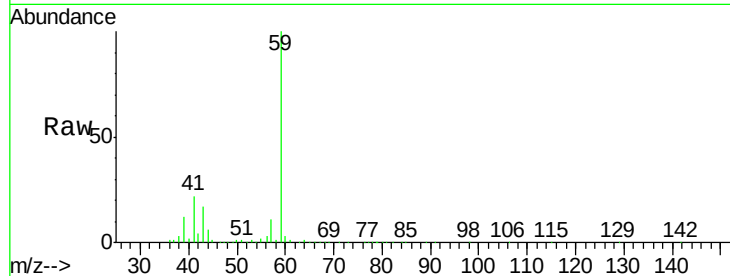


#11

Tert butyl alcohol
 Concen: 92.89 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

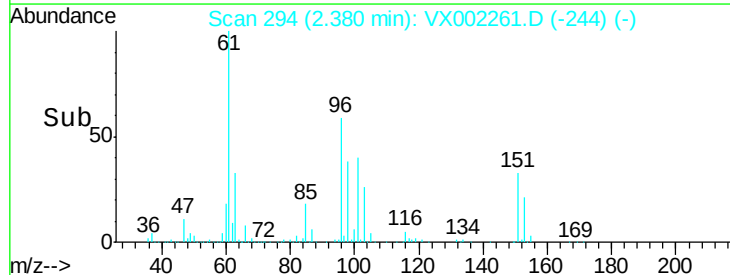
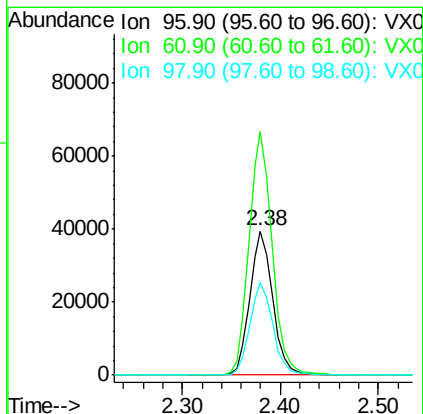
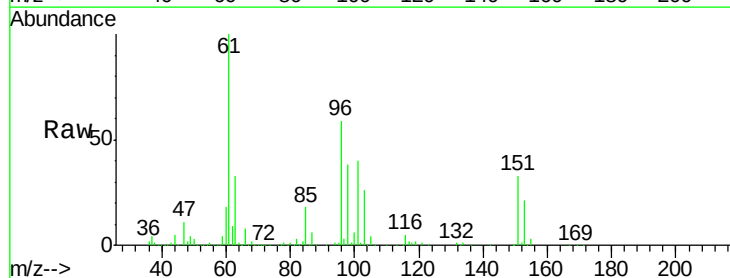
Tot Ion: 59 Resp: 93860
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.2 12.2

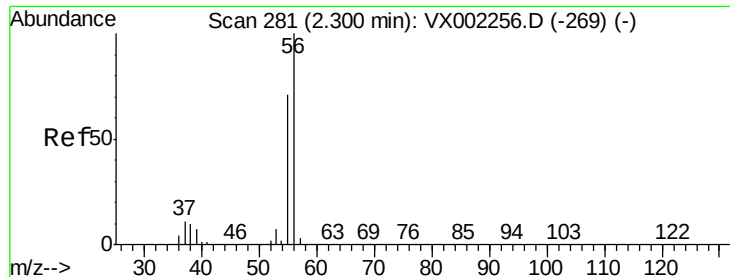


#12

1,1-Dichloroethene
 Concen: 19.85 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

Tgt Ion: 96 Resp: 64240
 Ion Ratio Lower Upper
 96 100
 61 169.2 137.9 206.9
 98 64.1 51.6 77.4





#13

Acrolein

Concen: 97.11 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

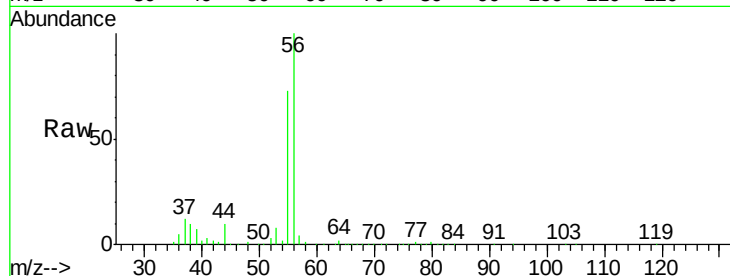
VX0604WBS01

Tot Ion: 56 Resp: 44502

Ion Ratio Lower Upper

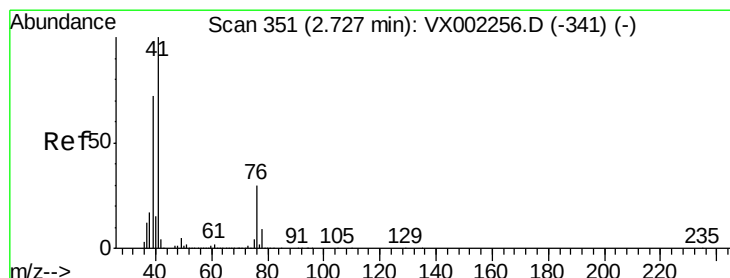
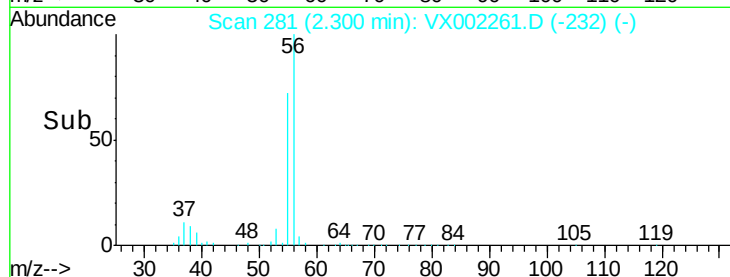
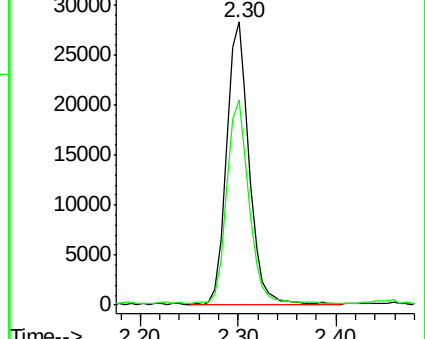
56 100

55 71.9 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.65 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

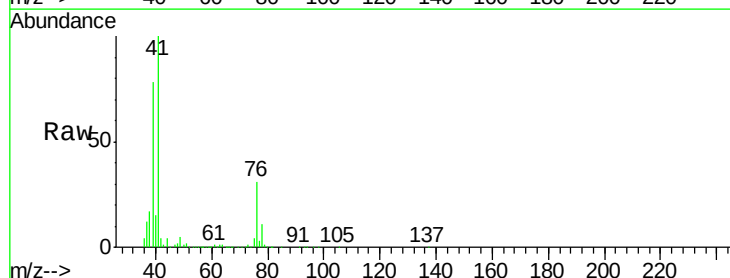
Tgt Ion: 41 Resp: 130999

Ion Ratio Lower Upper

41 100

39 70.4 56.8 85.2

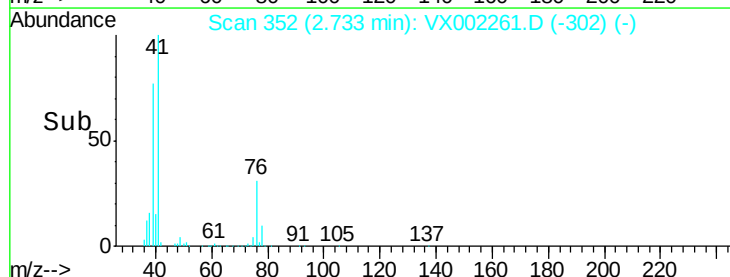
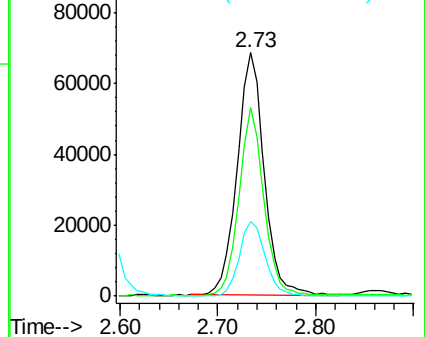
76 29.8 23.8 35.8

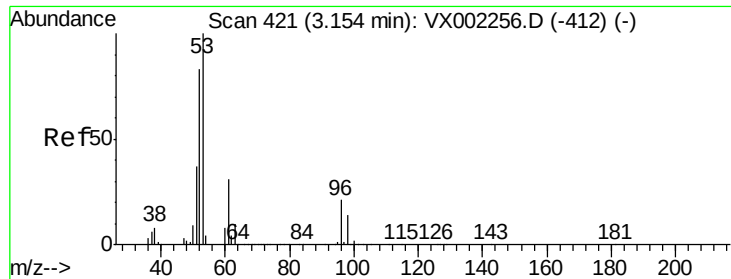


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 98.51 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

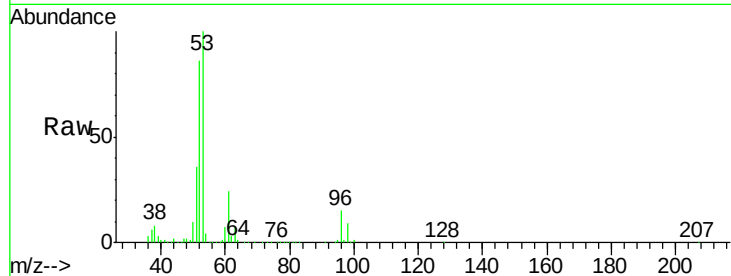
Tot Ion: 53 Resp: 193157

Ion Ratio Lower Upper

53 100

52 84.0 66.7 100.1

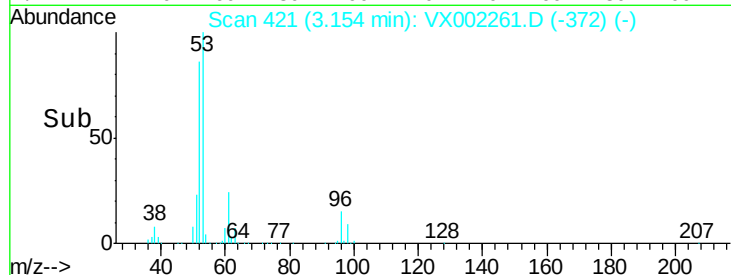
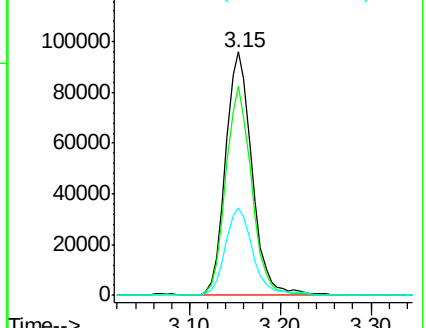
51 37.5 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 95.53 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002261.D

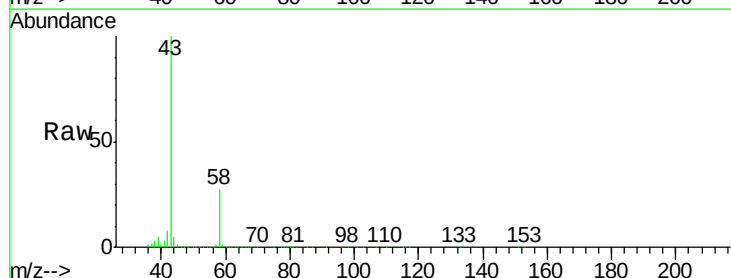
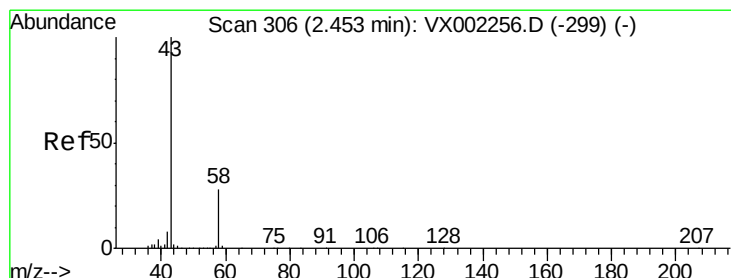
Acq: 04 Jun 2018 15:41

Tgt Ion: 43 Resp: 200796

Ion Ratio Lower Upper

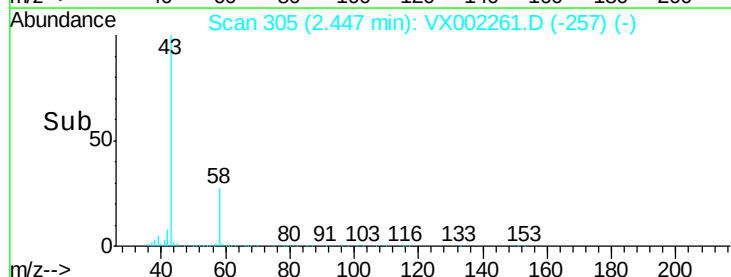
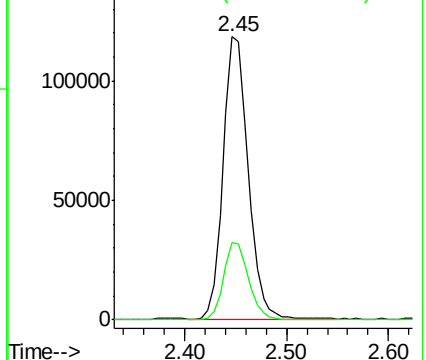
43 100

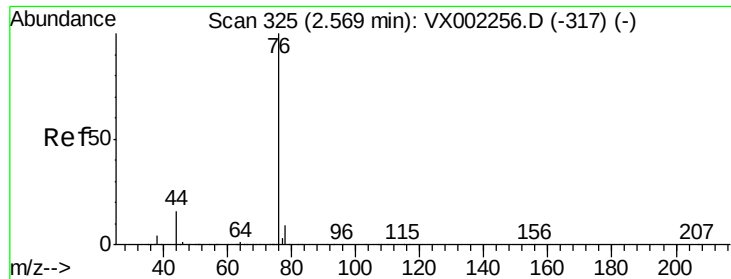
58 27.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.73 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampled :

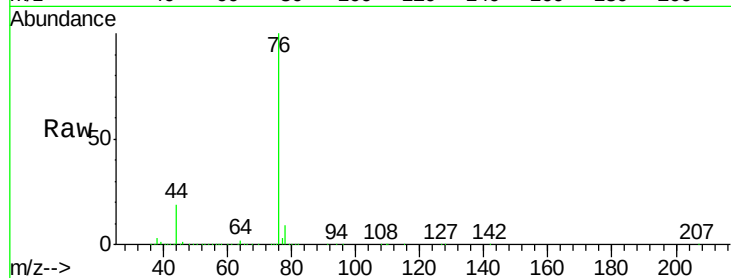
VX0604WBS01

Tot Ion: 76 Resp: 159796

Ion Ratio Lower Upper

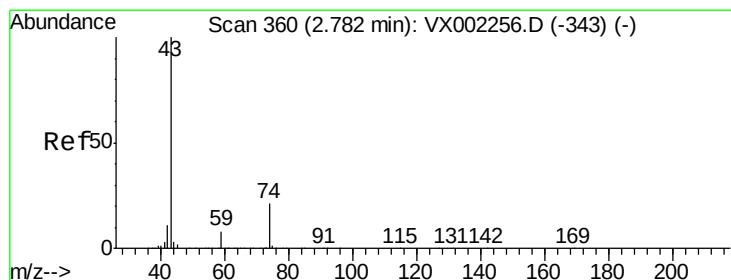
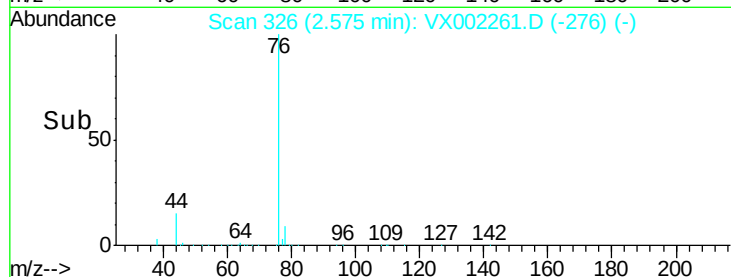
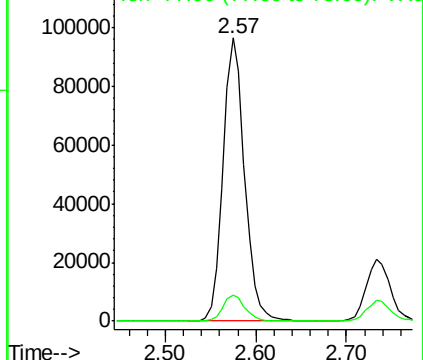
76 100

78 8.9 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.43 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002261.D

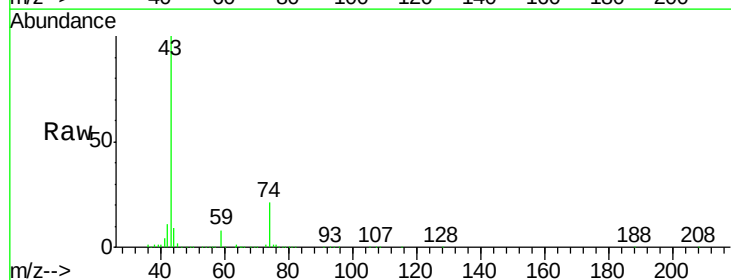
Acq: 04 Jun 2018 15:41

Tgt Ion: 43 Resp: 91811

Ion Ratio Lower Upper

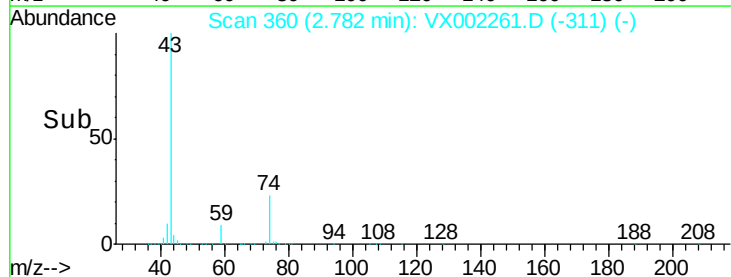
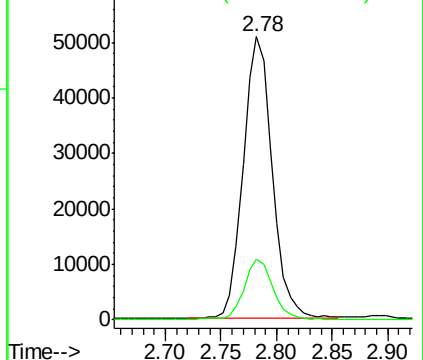
43 100

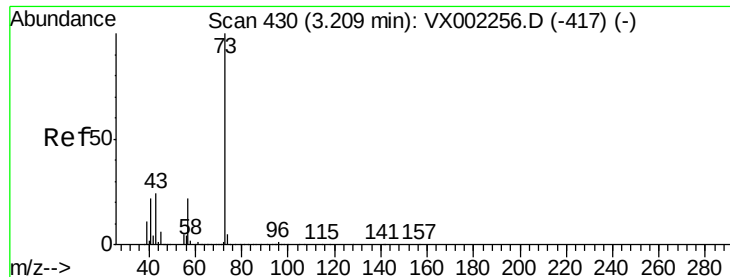
74 22.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 19.41 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampled :

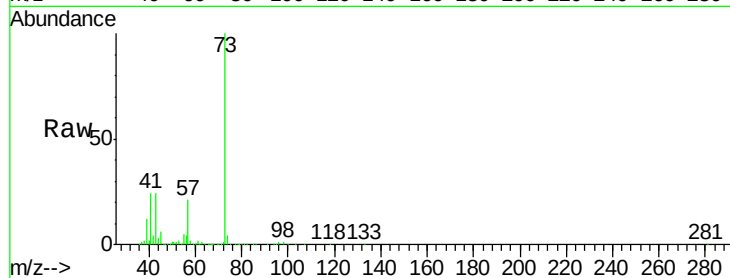
VX0604WBS01

Tot Ion: 73 Resp: 235242

Ion Ratio Lower Upper

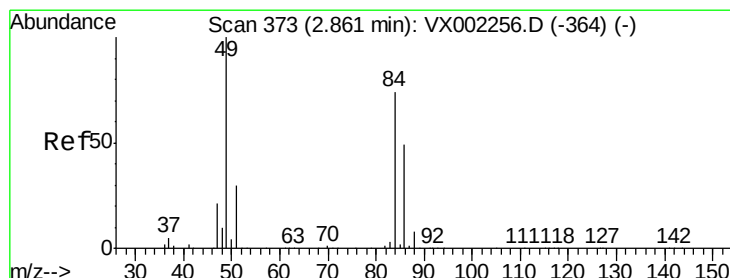
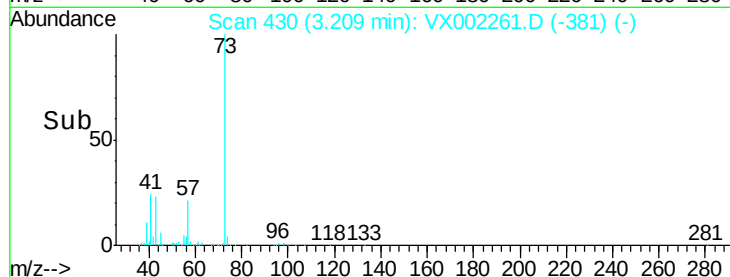
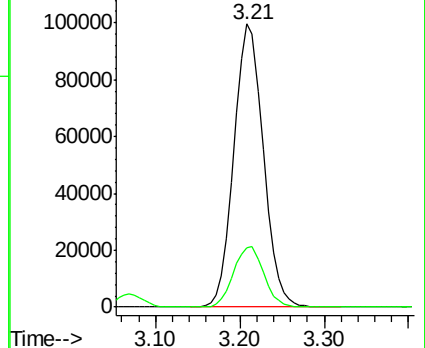
73 100

57 20.7 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 19.34 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Tgt Ion: 84 Resp: 72318

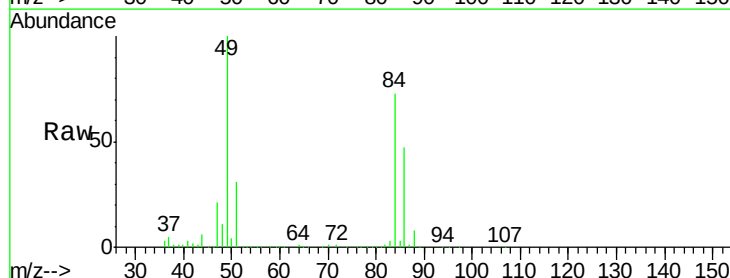
Ion Ratio Lower Upper

84 100

49 137.6 107.8 161.6

51 42.2 32.8 49.2

86 64.9 52.5 78.7

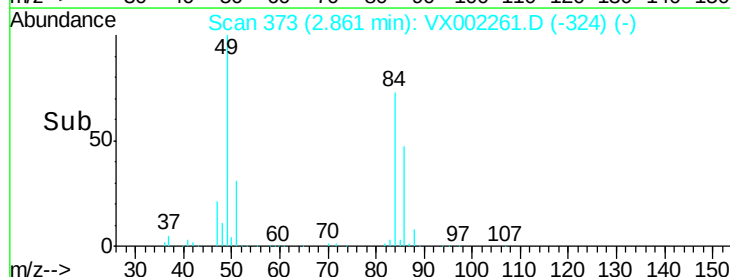
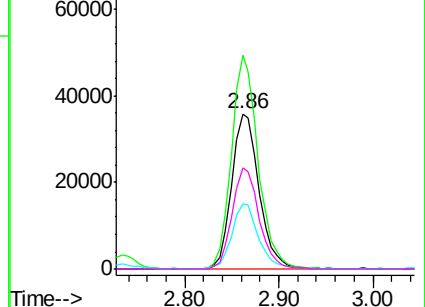


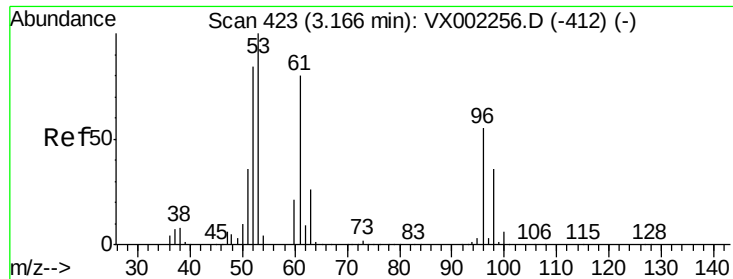
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 19.07 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

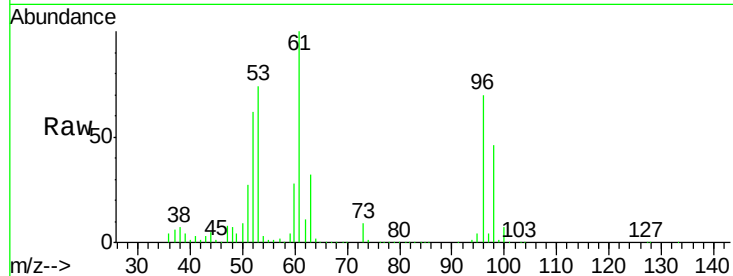
Tot Ion: 96 Resp: 68078

Ion Ratio Lower Upper

96 100

61 143.5 117.0 175.4

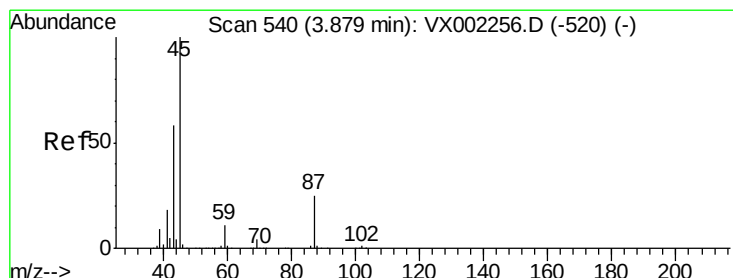
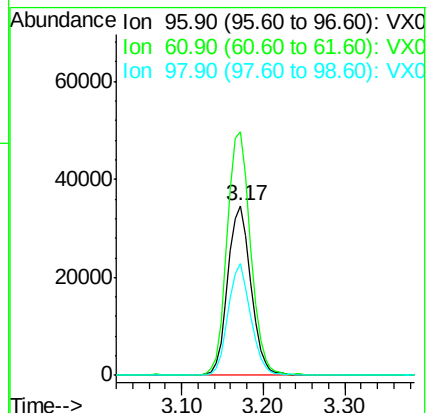
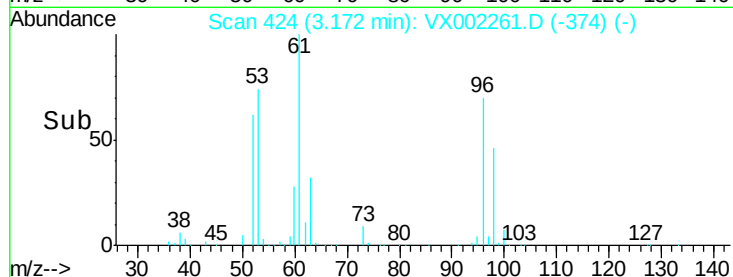
98 65.8 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.28 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Tgt Ion: 45 Resp: 248412

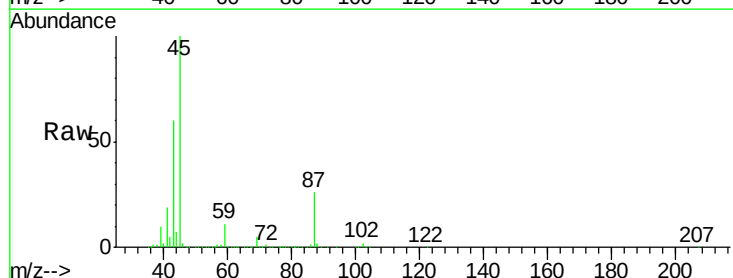
Ion Ratio Lower Upper

45 100

43 59.9 46.8 70.2

87 26.5 20.2 30.4

59 11.1 8.7 13.1

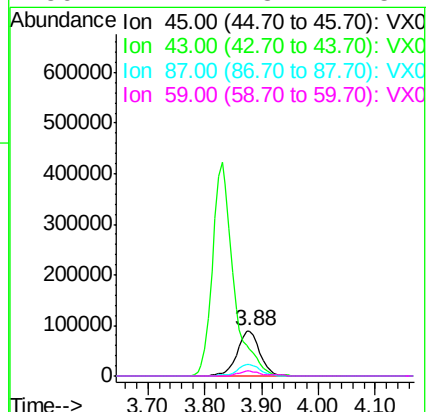
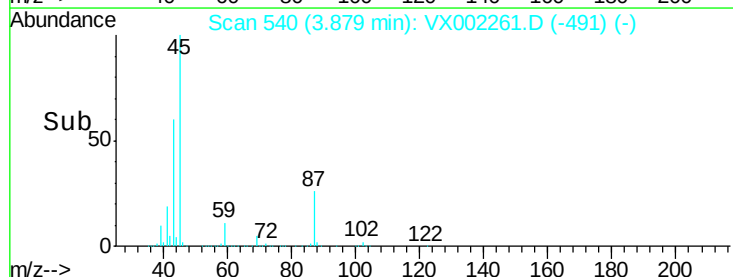


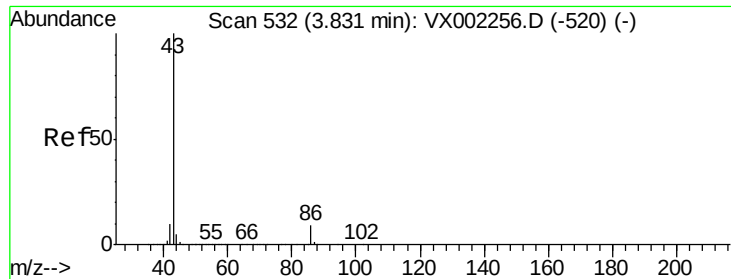
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.44 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

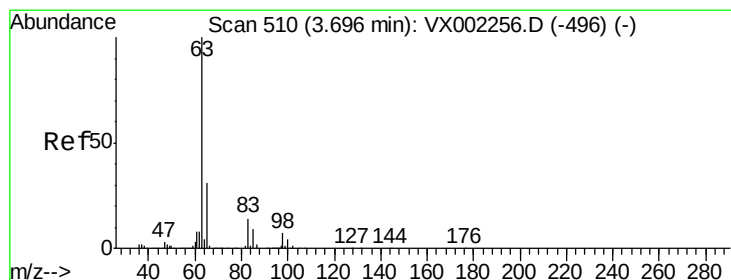
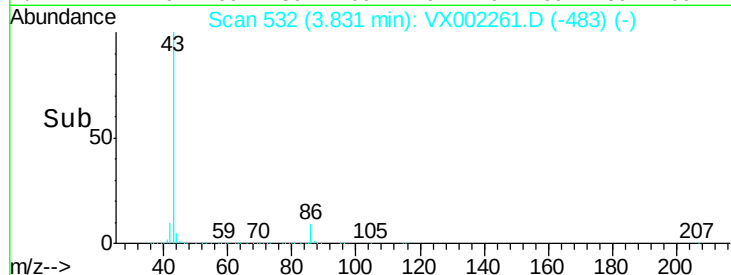
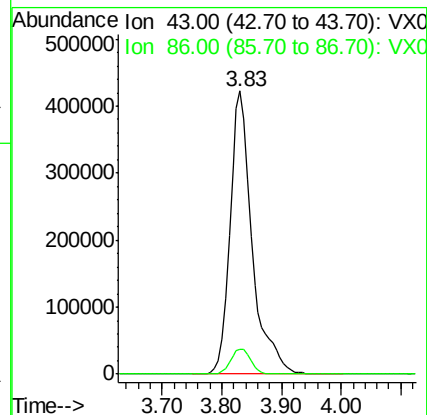
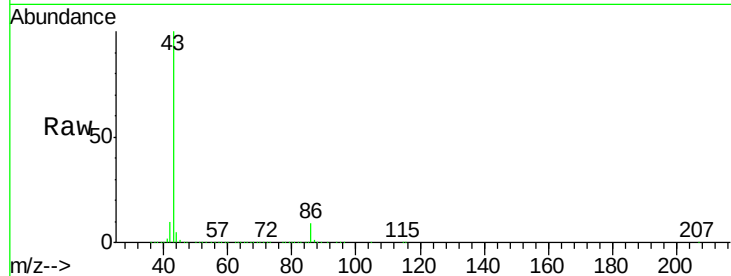
VX0604WBS01

Tot Ion: 43 Resp: 1086822

Ion Ratio Lower Upper

43 100

86 9.0 7.4 11.0



#24

1,1-Dichloroethane

Concen: 19.11 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

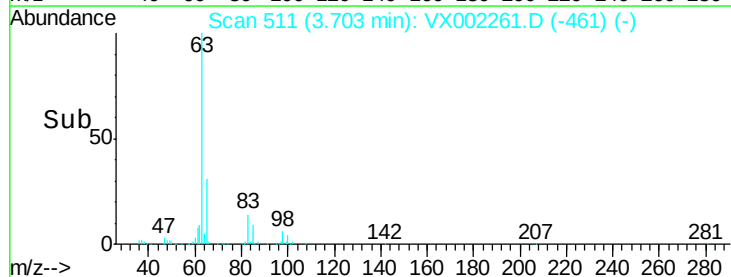
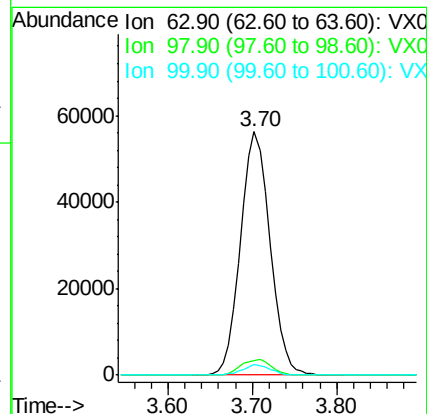
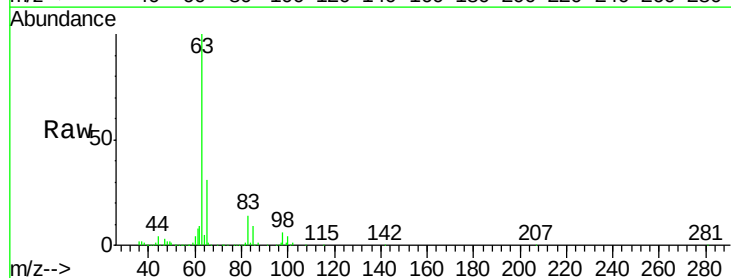
Tgt Ion: 63 Resp: 132649

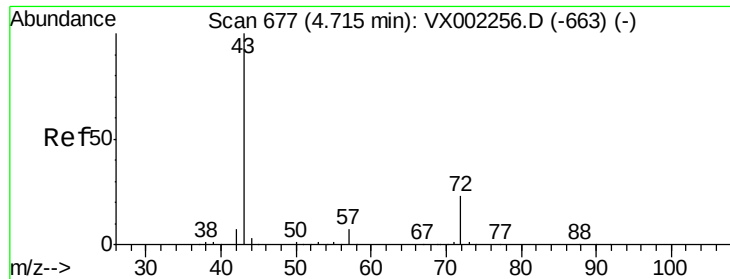
Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 90.97 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampled :

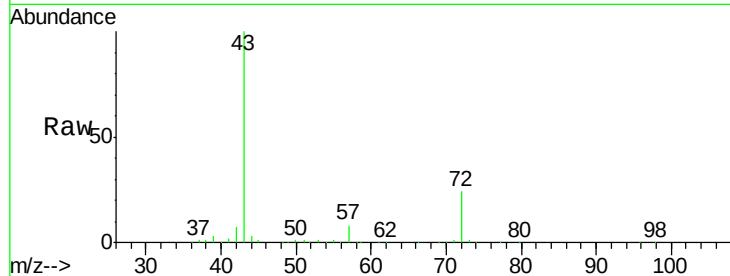
VX0604WBS01

Tot Ion: 43 Resp: 271200

Ion Ratio Lower Upper

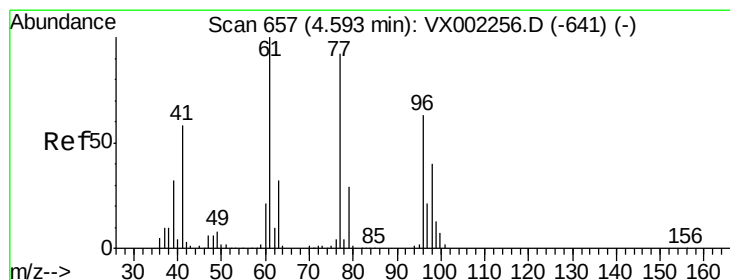
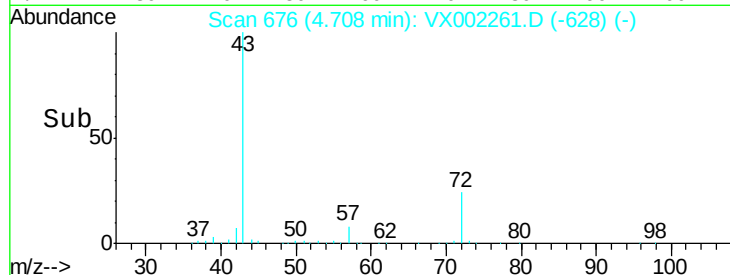
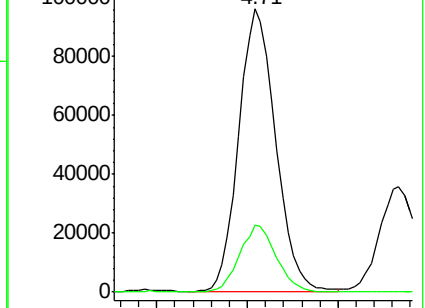
43 100

72 23.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.53 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX002261.D

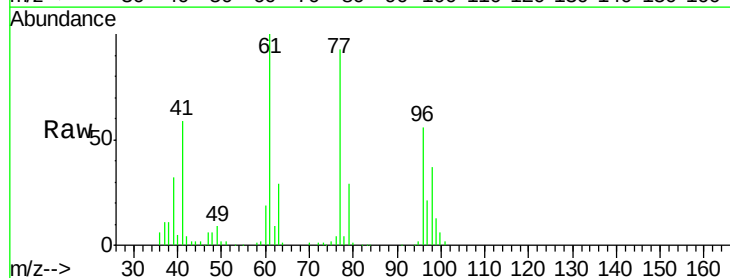
Acq: 04 Jun 2018 15:41

Tgt Ion: 77 Resp: 100588

Ion Ratio Lower Upper

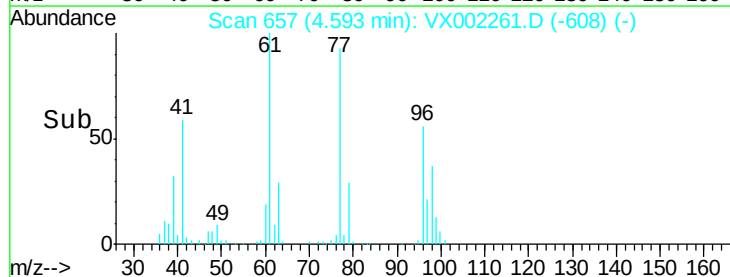
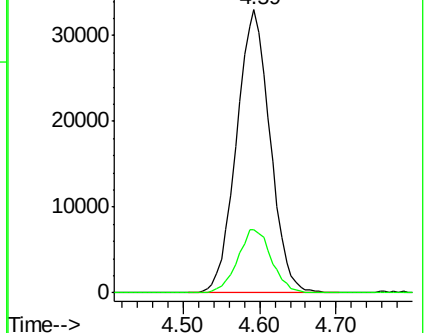
77 100

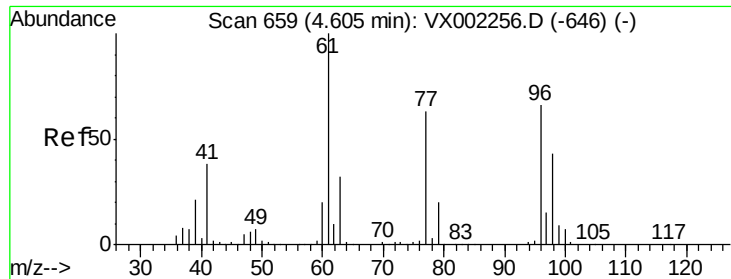
97 22.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 18.26 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampled :

VX0604WBS01

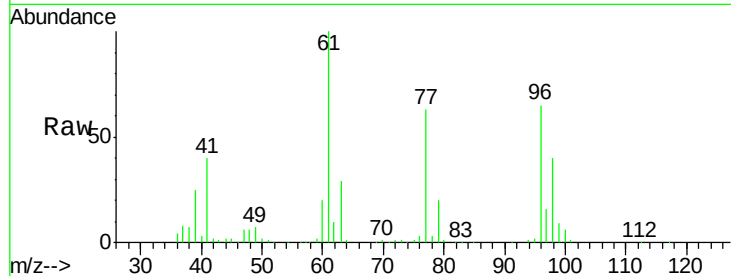
Tot Ion: 96 Resp: 70887

Ion Ratio Lower Upper

96 100

61 171.9 0.0 330.2

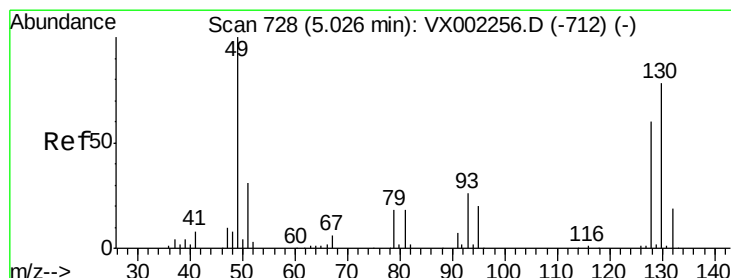
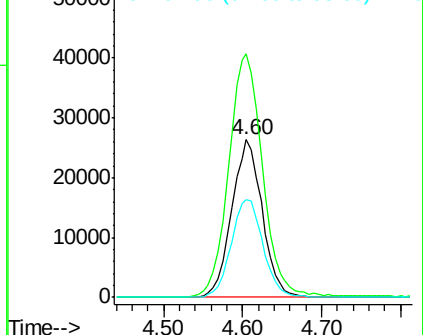
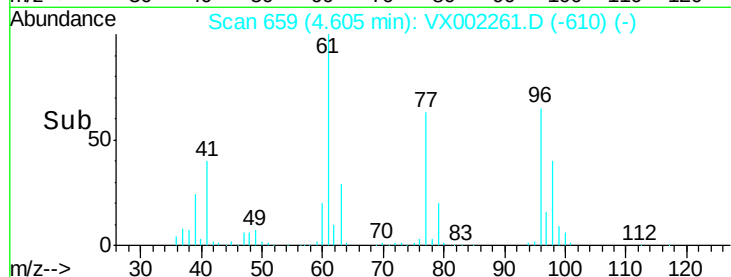
98 64.6 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 19.89 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

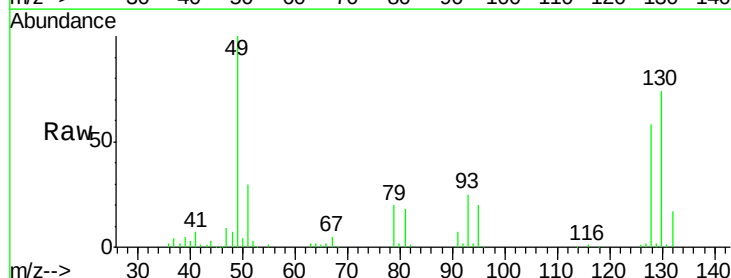
Tgt Ion: 49 Resp: 65064

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

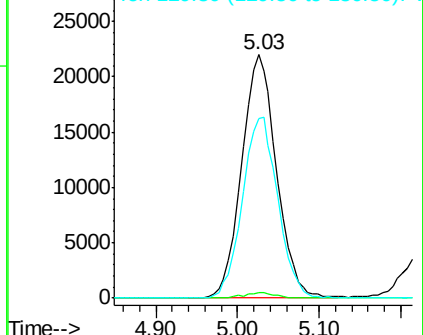
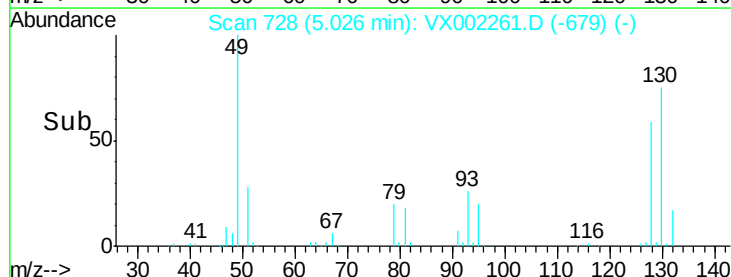
130 75.7 61.2 91.8

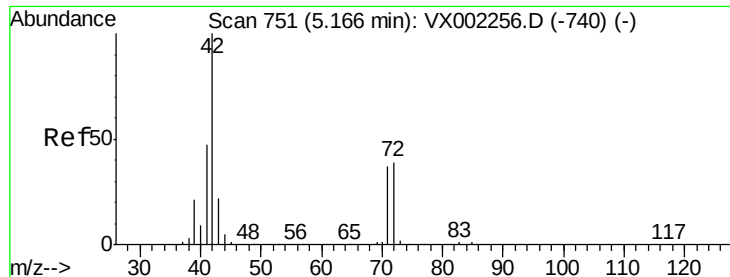


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

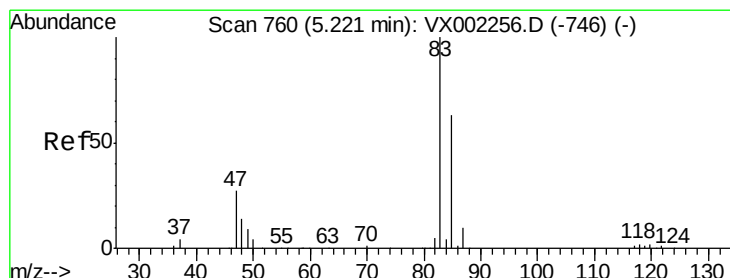
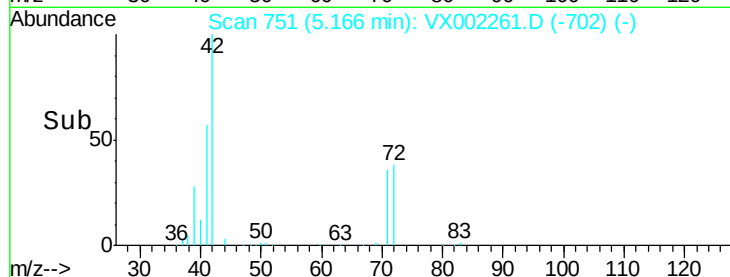
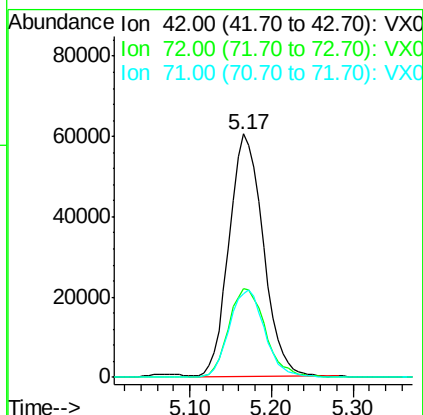
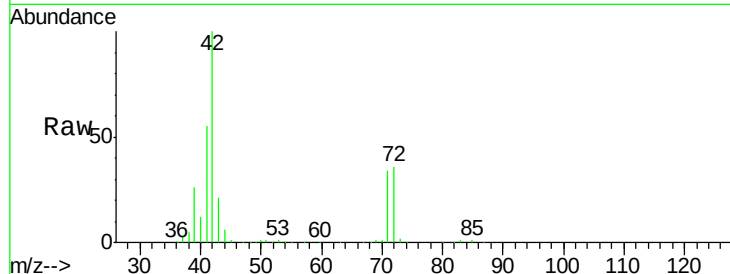




#29
Tetrahydrofuran
Concen: 91.22 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

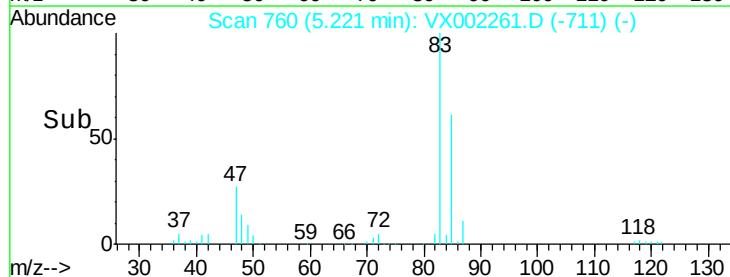
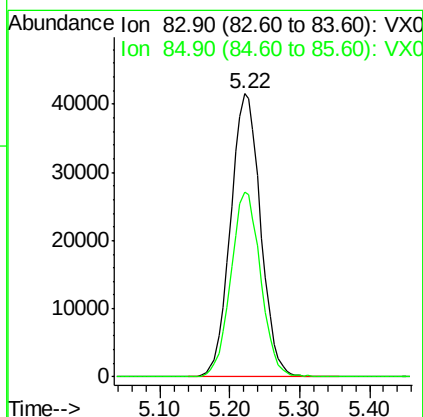
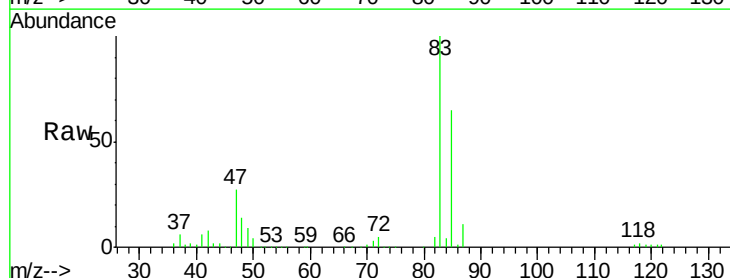
Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

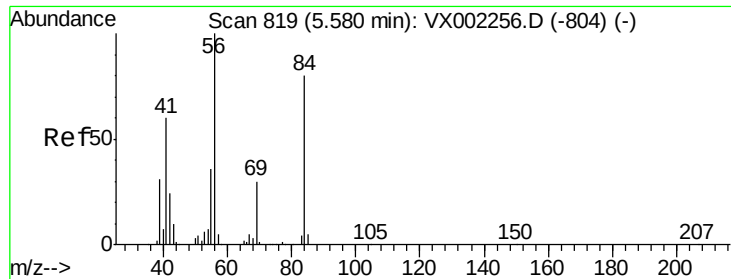
Tot Ion: 42 Resp: 175344
Ion Ratio Lower Upper
42 100
72 39.5 32.0 48.0
71 37.4 30.1 45.1



#30
Chloroform
Concen: 18.47 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

Tgt Ion: 83 Resp: 123757
Ion Ratio Lower Upper
83 100
85 65.5 50.4 75.6

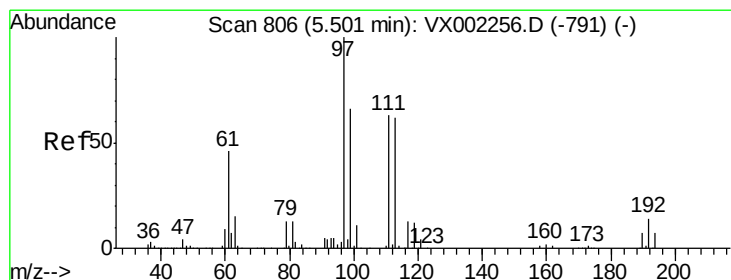
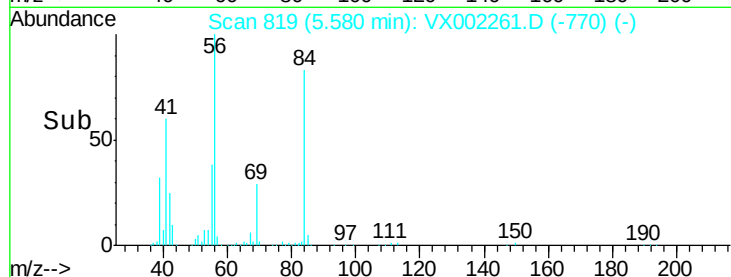
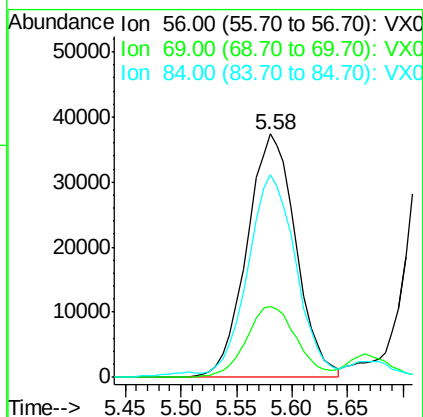
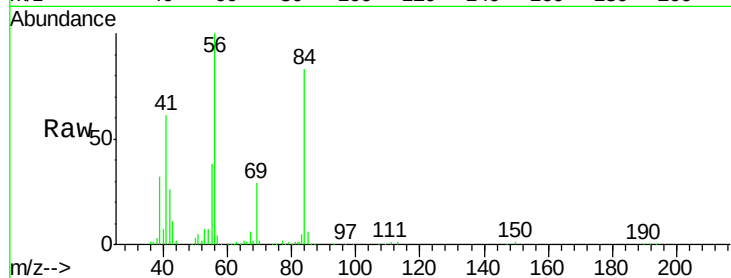




#31
Cyclohexane
Concen: 20.57 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

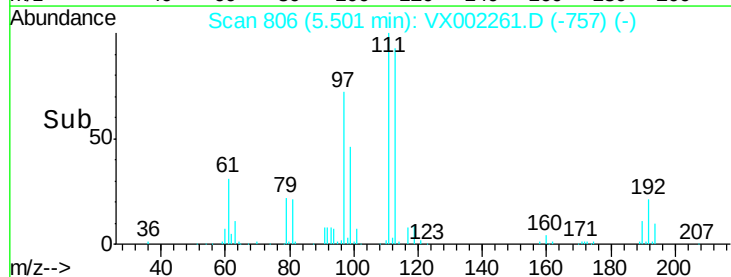
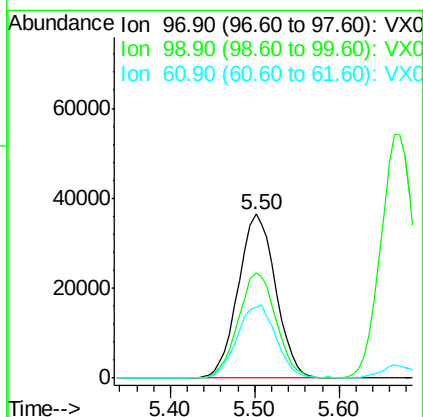
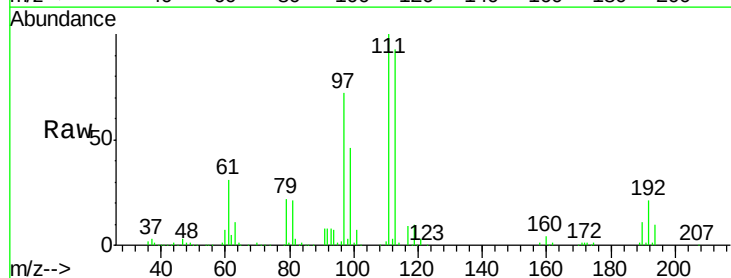
Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

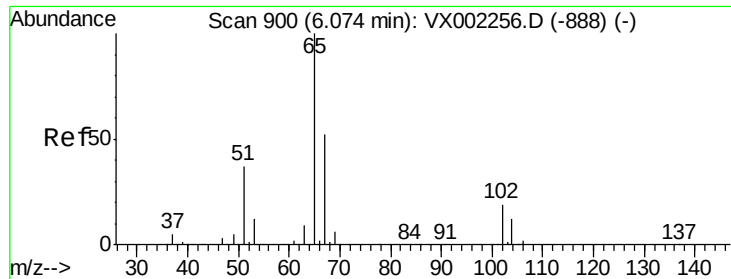
Tot Ion: 56 Resp: 112908
Ion Ratio Lower Upper
56 100
69 29.1 23.7 35.5
84 81.1 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 19.37 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

Tgt Ion: 97 Resp: 110049
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 46.3 36.4 54.6

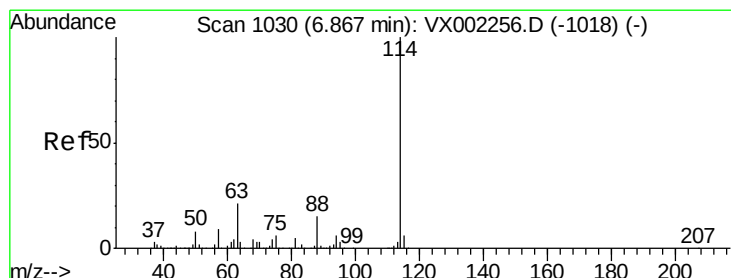
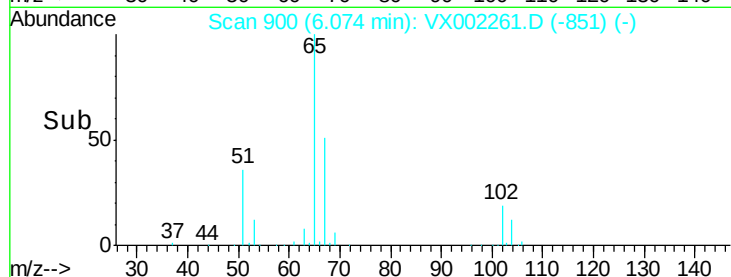
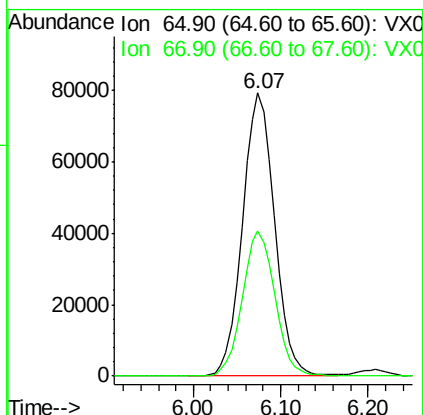
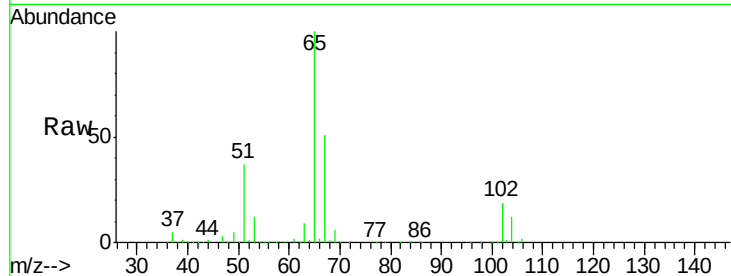




#33
 1,2-Dichloroethane-d4
 Concen: 46.13 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

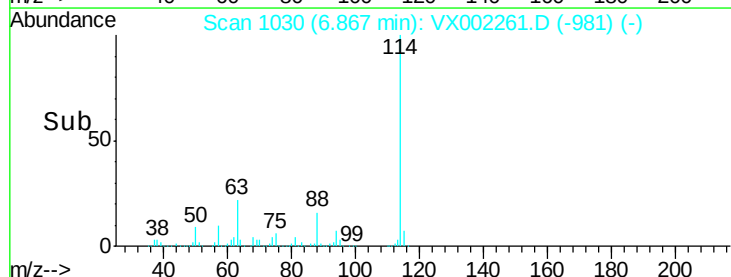
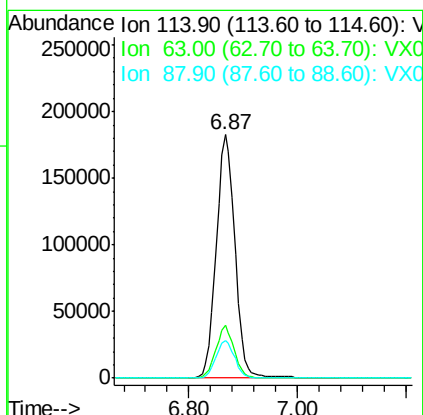
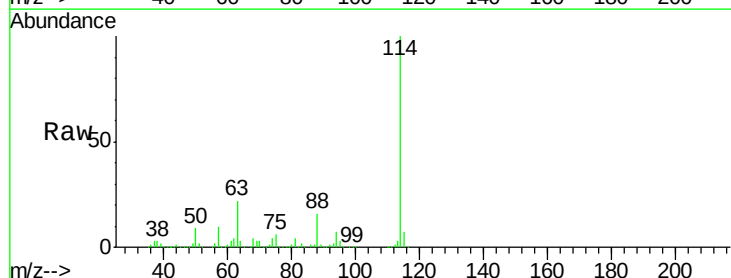
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

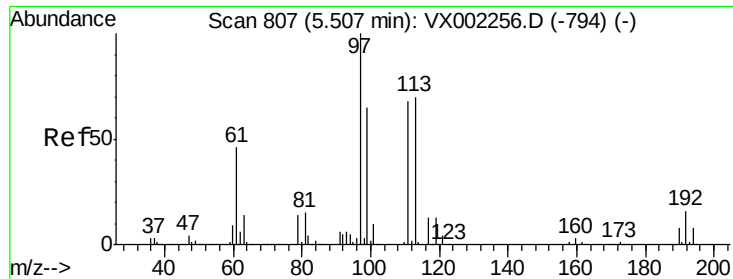
Tot Ion: 65 Resp: 201741
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

Tgt Ion: 114 Resp: 436767
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.4
 88 15.6 0.0 30.0

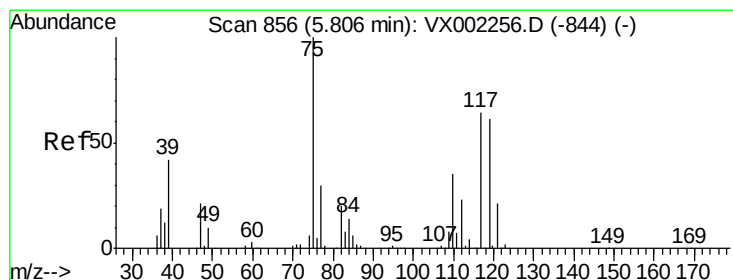
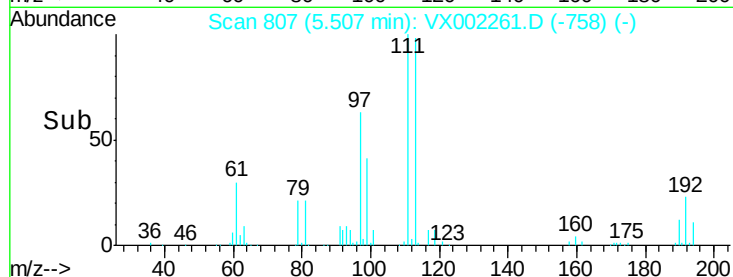
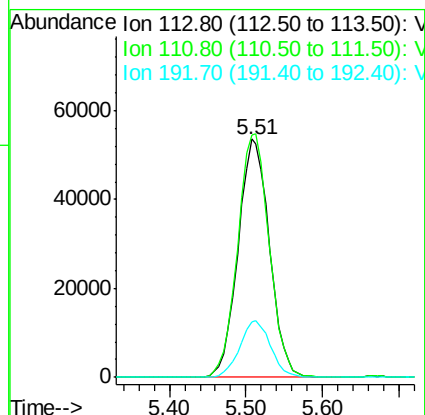
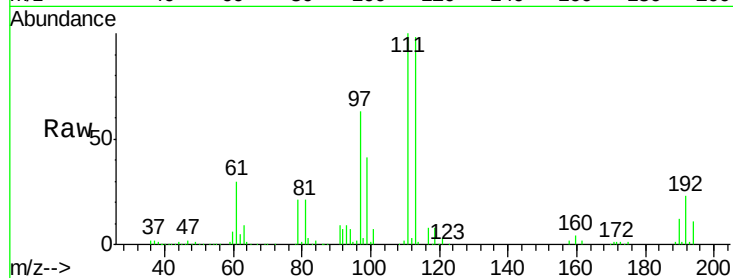




#35
 Dibromofluoromethane
 Concen: 44.35 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

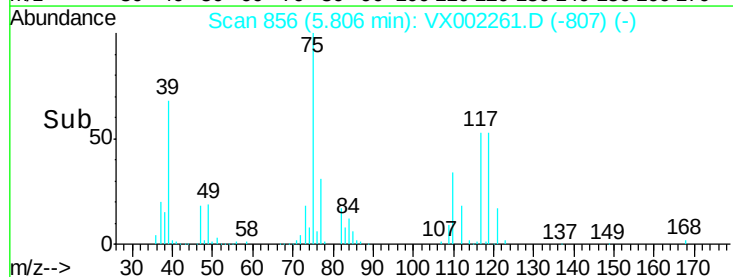
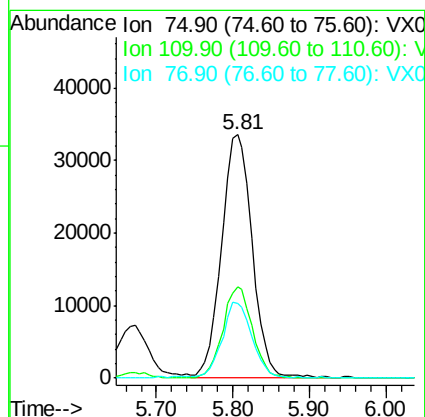
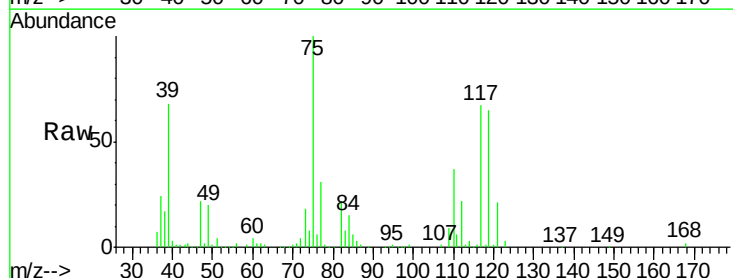
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

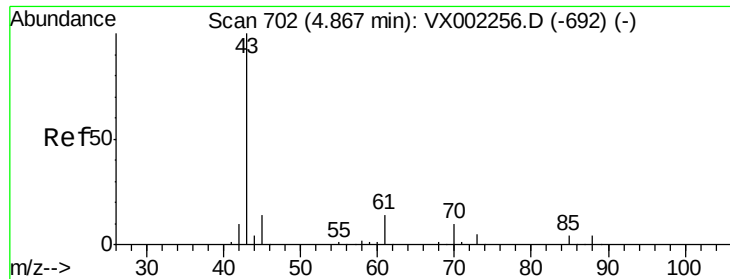
Tot Ion:113 Resp: 152344
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.0
 192 23.3 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 20.05 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

Tgt Ion: 75 Resp: 92069
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.1 54.4
 77 29.8 24.3 36.5





#37

Ethyl Acetate

Concen: 19.22 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

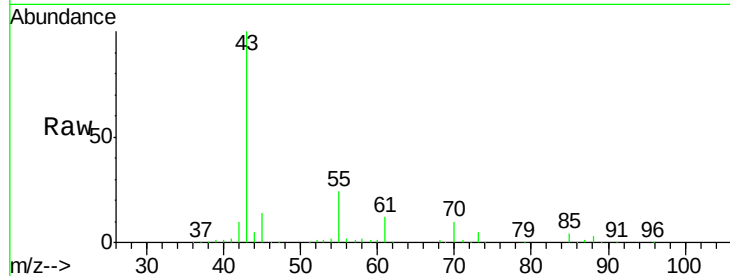
Tot Ion: 43 Resp: 106129

Ion Ratio Lower Upper

43 100

61 12.1 10.4 15.6

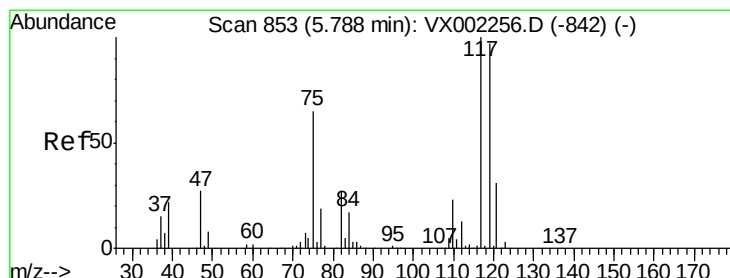
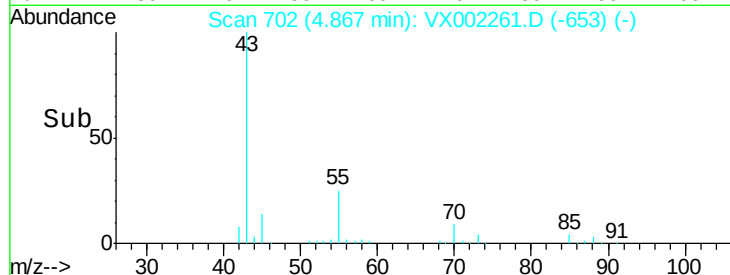
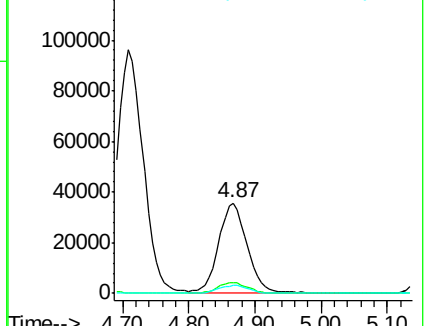
70 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 20.01 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

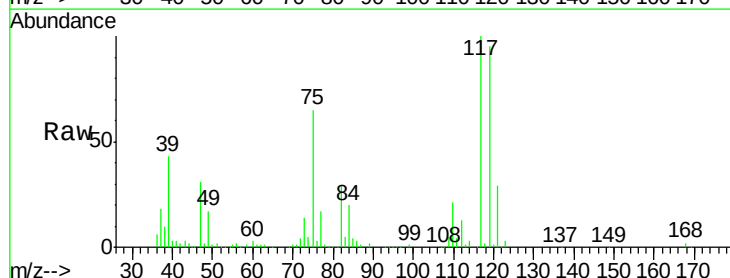
Tgt Ion: 117 Resp: 96137

Ion Ratio Lower Upper

117 100

119 95.4 77.4 116.0

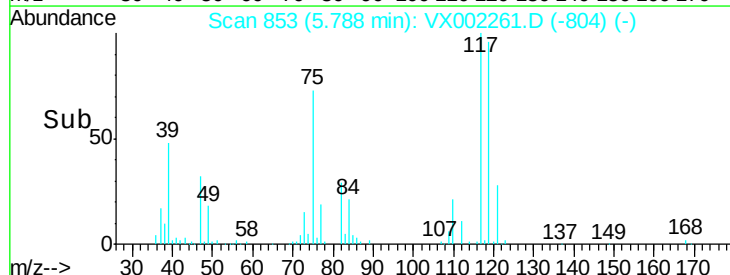
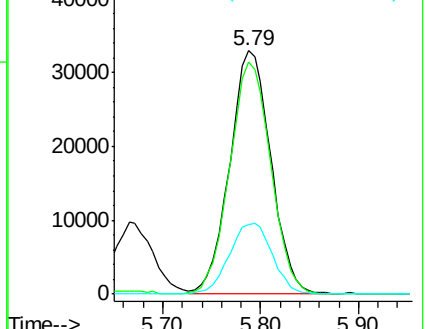
121 28.7 24.4 36.6

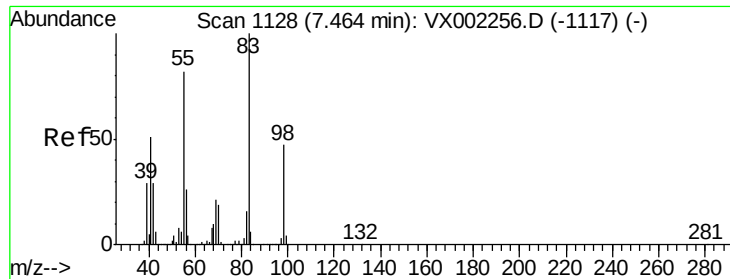


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

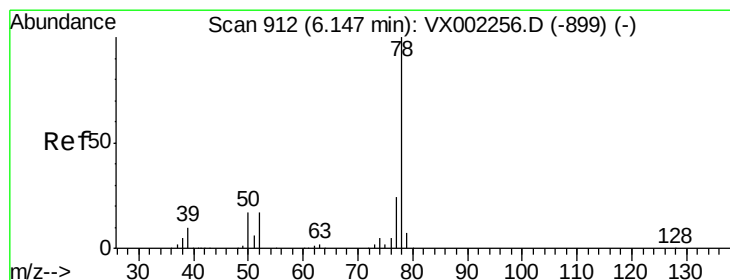
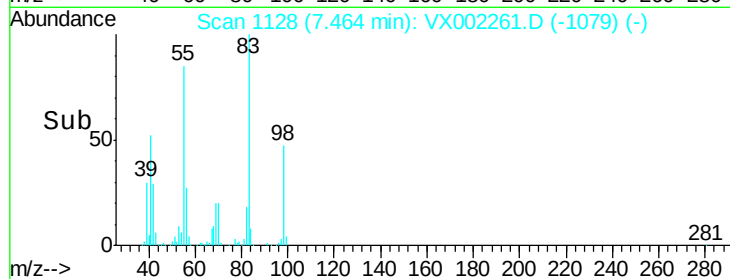
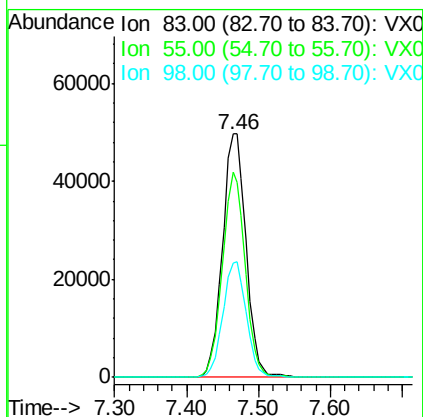
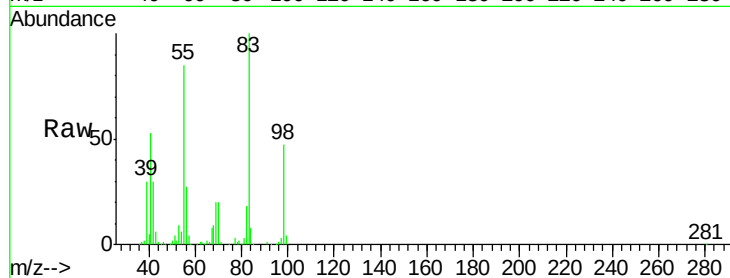




#39
Methylvlcyclohexane
Concen: 20.16 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

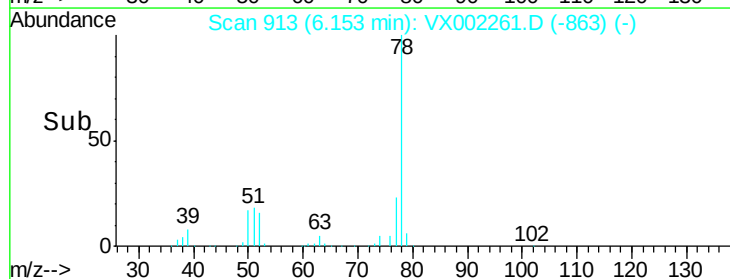
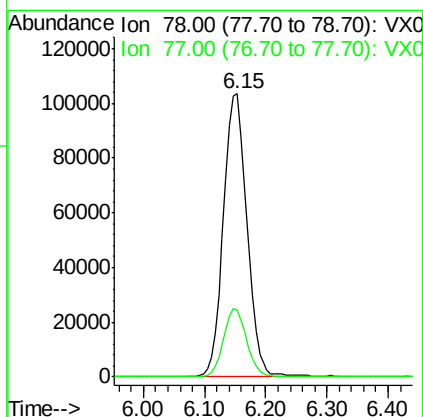
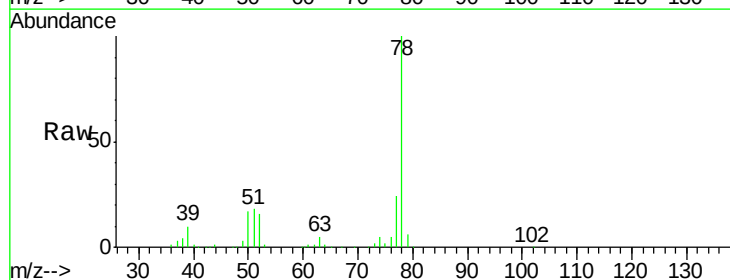
Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

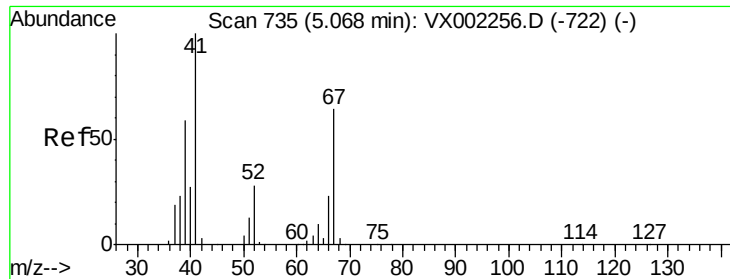
Tot Ion: 83 Resp: 113445
Ion Ratio Lower Upper
83 100
55 84.5 65.4 98.0
98 46.8 37.4 56.0



#40
Benzene
Concen: 19.64 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

Tgt Ion: 78 Resp: 276501
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

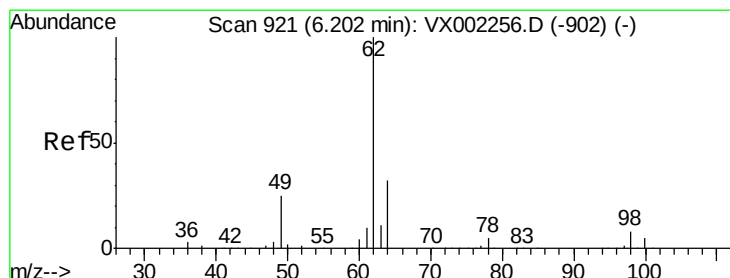
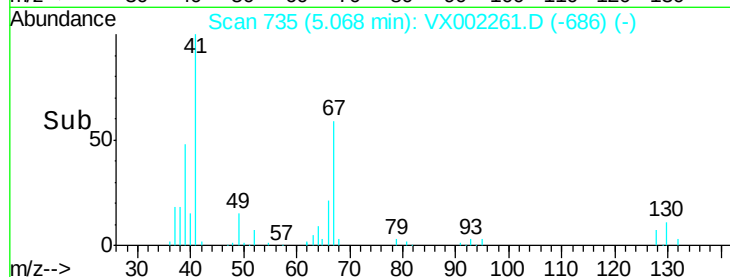
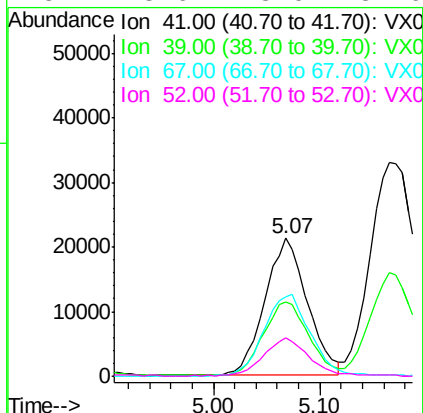
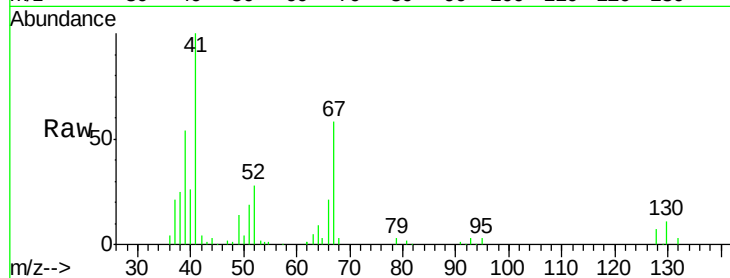




#41
Methacrylonitrile
Concen: 18.82 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

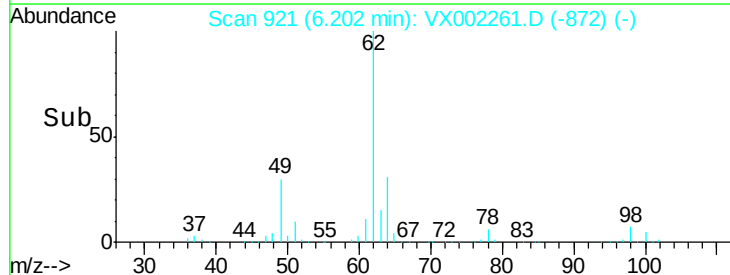
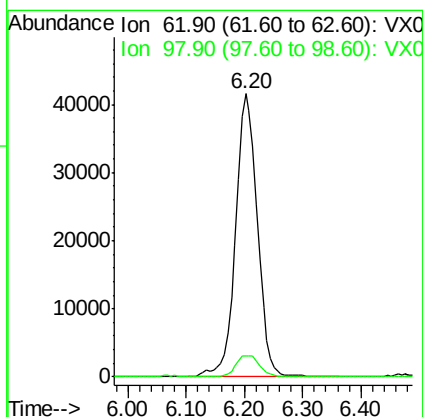
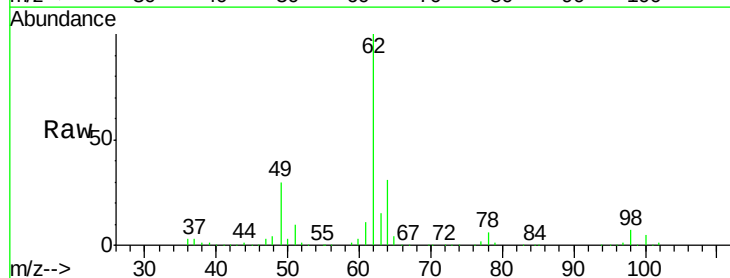
Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

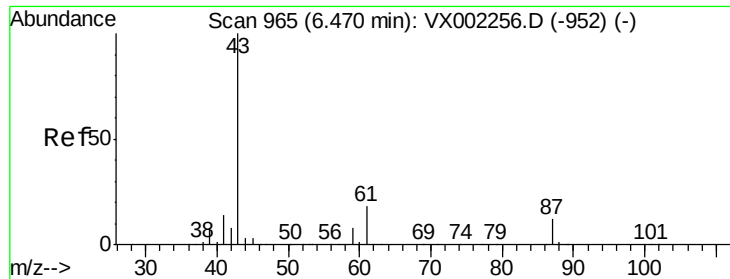
Tot Ion:	41	Resp:	59485
Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.8	68.6
67	64.4	51.3	76.9
52	28.6	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.34 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

Tgt Ion:	62	Resp:	108156
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.50 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

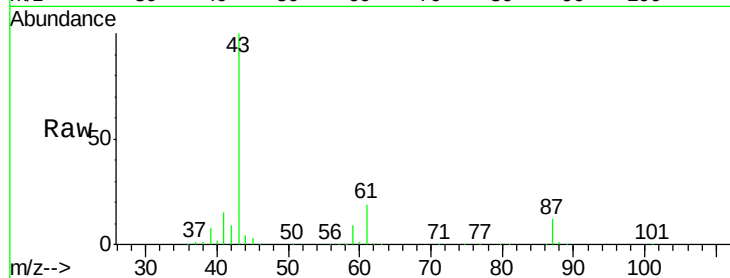
Tot Ion: 43 Resp: 173531

Ion Ratio Lower Upper

43 100

61 18.0 14.4 21.6

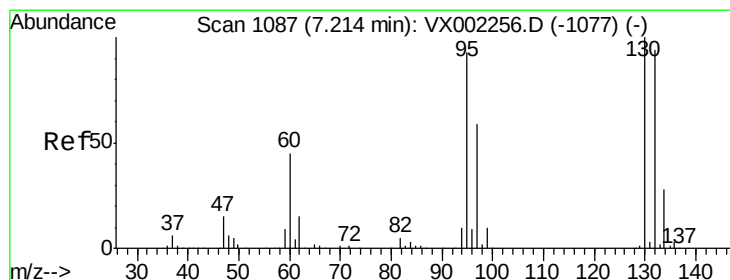
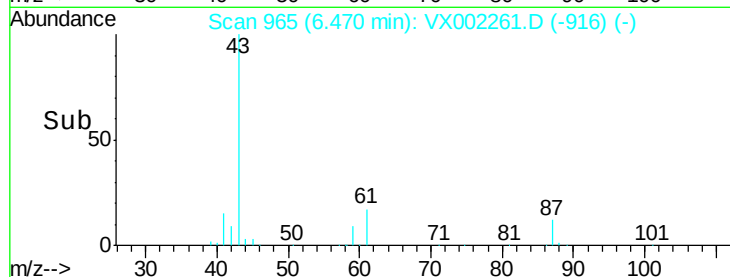
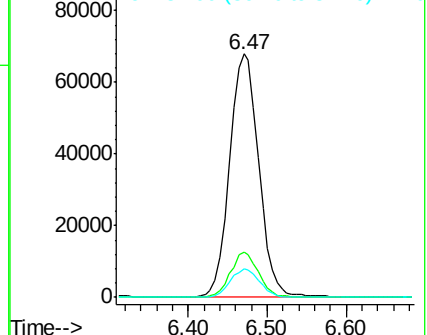
87 11.8 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.04 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002261.D

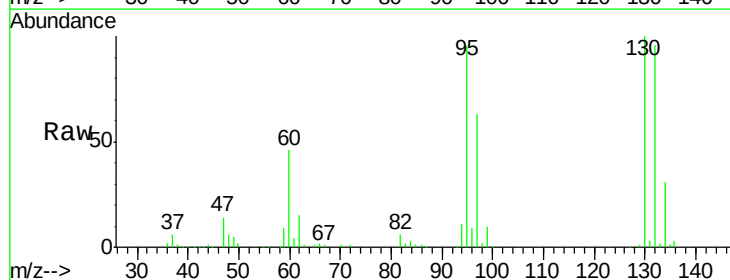
Acq: 04 Jun 2018 15:41

Tgt Ion:130 Resp: 78297

Ion Ratio Lower Upper

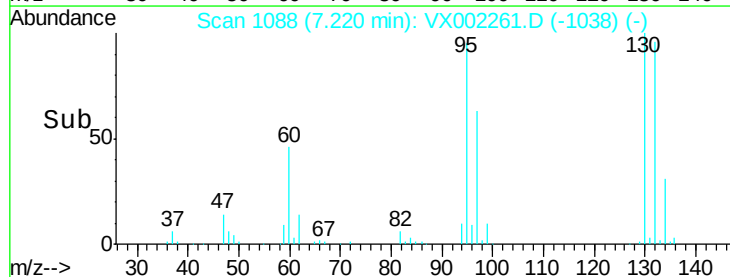
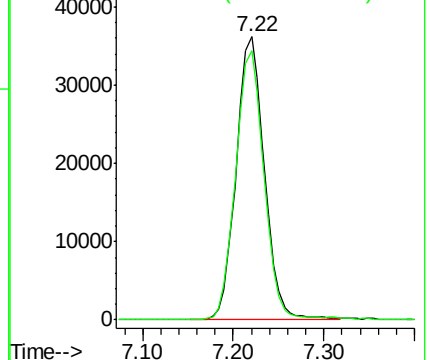
130 100

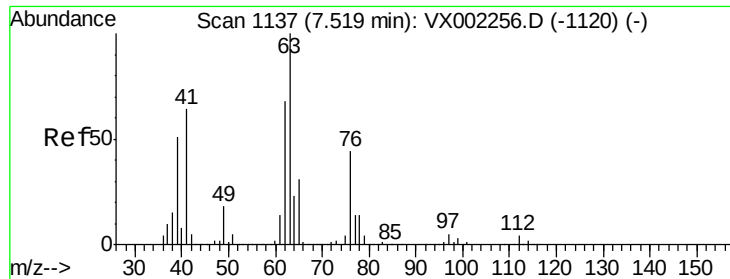
95 95.2 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

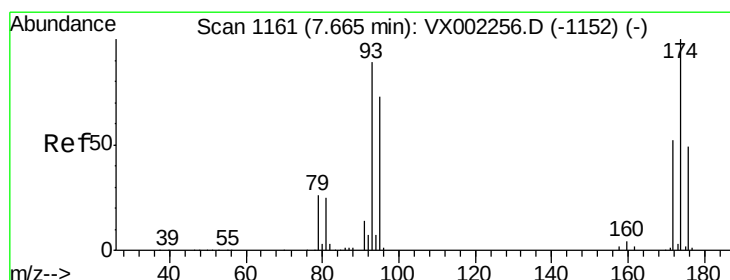
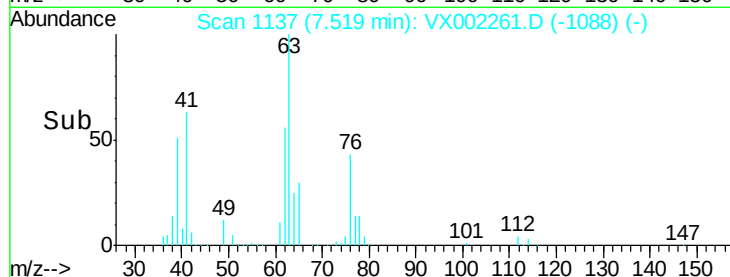
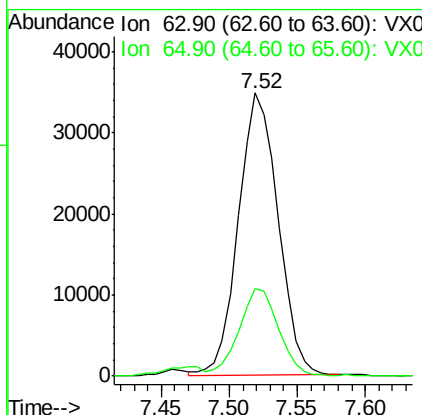
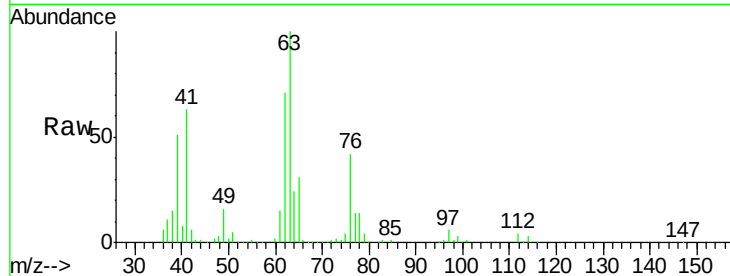




#45
 1,2-Dichloropropane
 Concen: 18.71 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

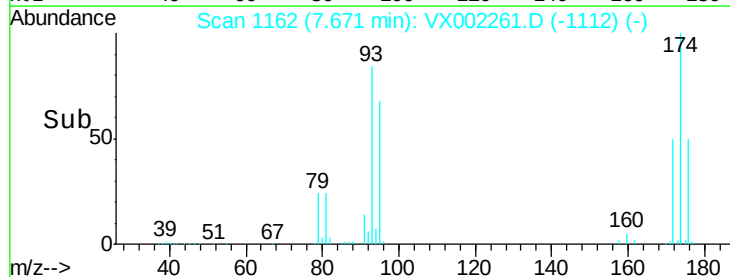
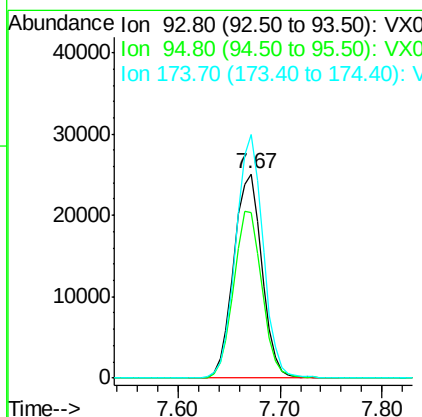
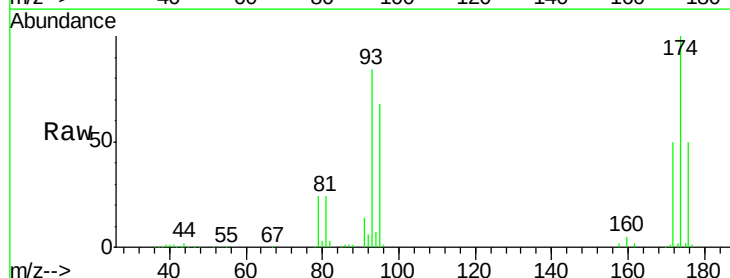
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

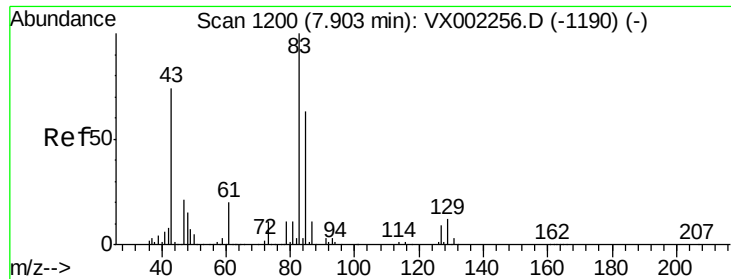
Tot Ion: 63 Resp: 71122
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.7 37.1



#46
 Dibromomethane
 Concen: 18.66 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

Tgt Ion: 93 Resp: 48072
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.9 98.9
 174 115.1 92.4 138.6





#47

Bromodichloromethane

Concen: 18.47 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

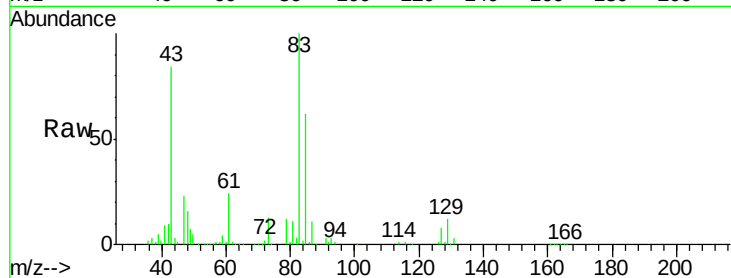
Tot Ion: 83 Resp: 86074

Ion Ratio Lower Upper

83 100

85 61.7 50.3 75.5

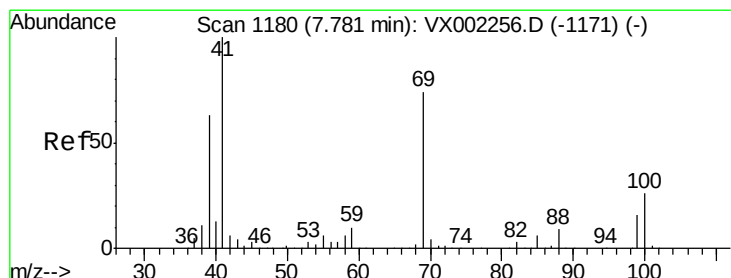
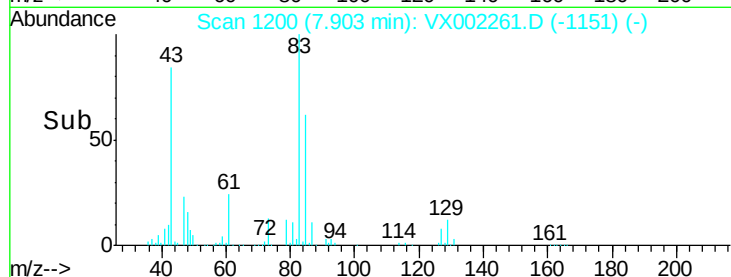
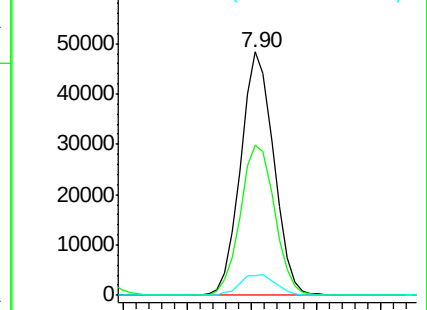
127 8.0 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.03 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

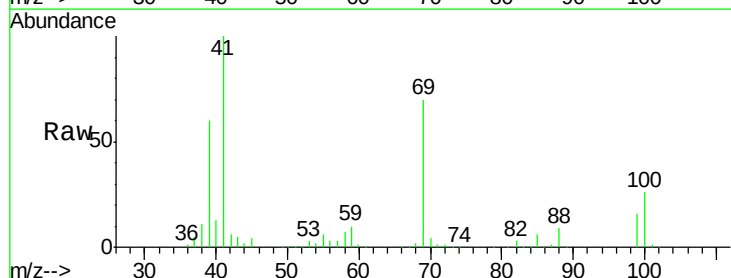
Tgt Ion: 41 Resp: 89675

Ion Ratio Lower Upper

41 100

69 74.3 59.1 88.7

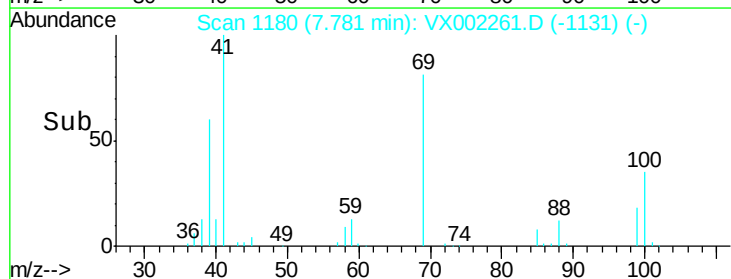
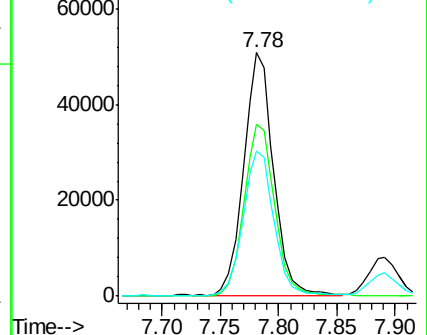
39 61.8 48.9 73.3

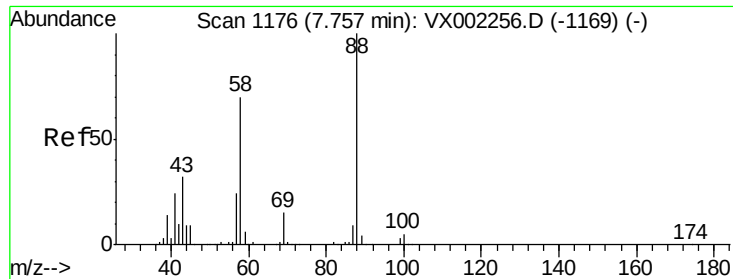


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

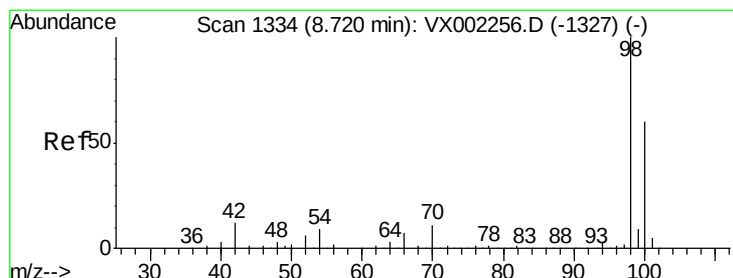
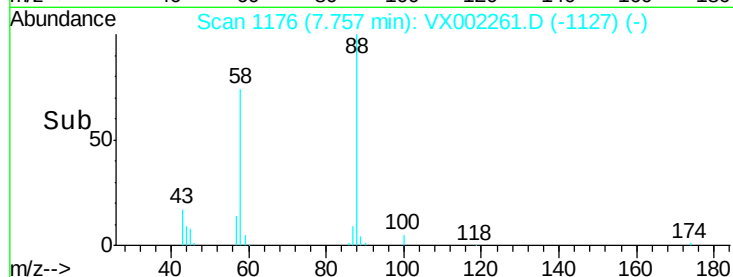
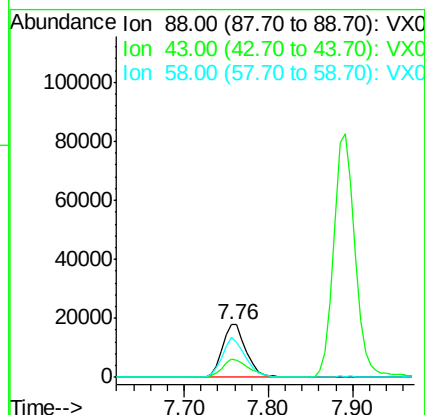
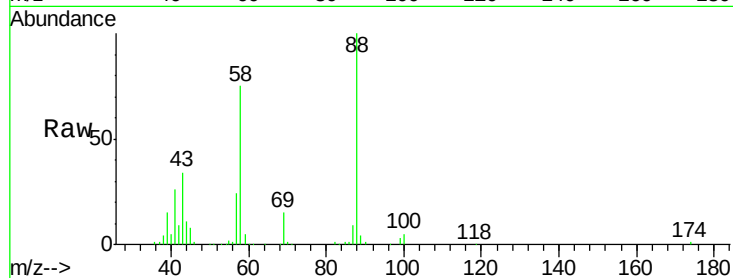




#49
1,4-Dioxane
Concen: 396.93 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

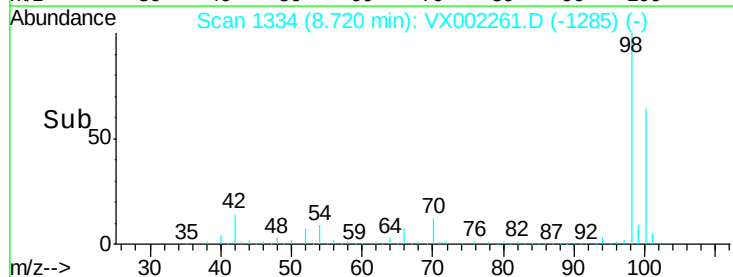
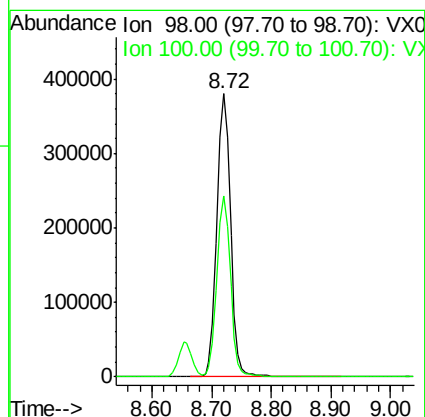
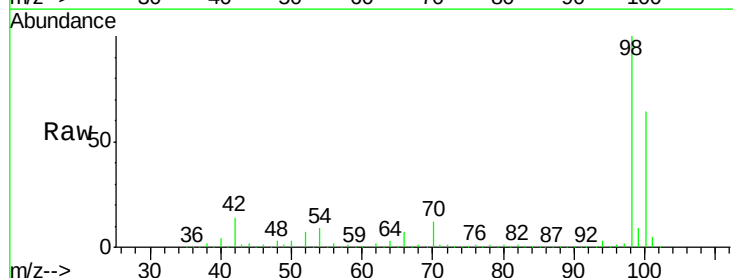
Instrument :
MSVOA_X
ClientSampled :
VX0604WBS01

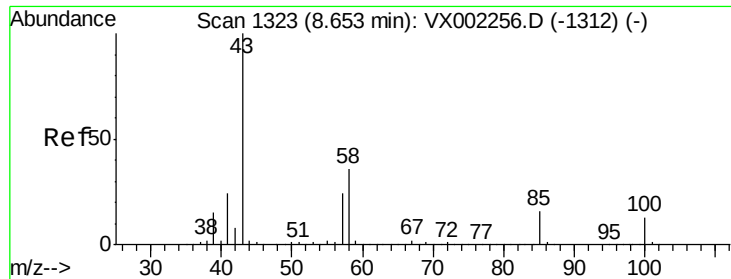
Tot Ion: 88 Resp: 34965
Ion Ratio Lower Upper
88 100
43 37.2 29.8 44.6
58 73.6 57.1 85.7



#50
Toluene-d8
Concen: 45.55 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

Tgt Ion: 98 Resp: 599693
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 95.13 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

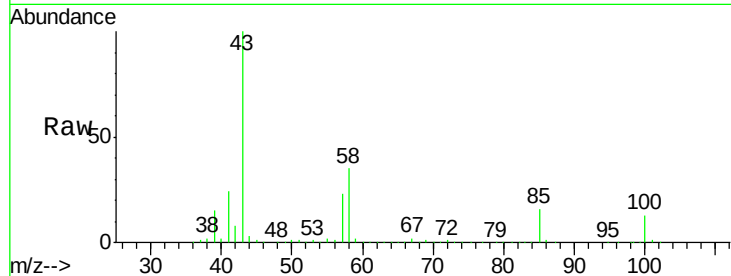
VX0604WBS01

Tot Ion: 43 Resp: 555637

Ion Ratio Lower Upper

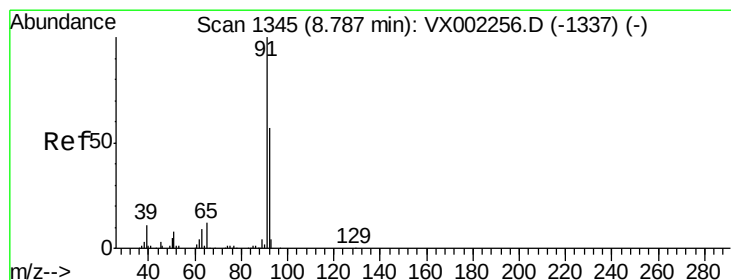
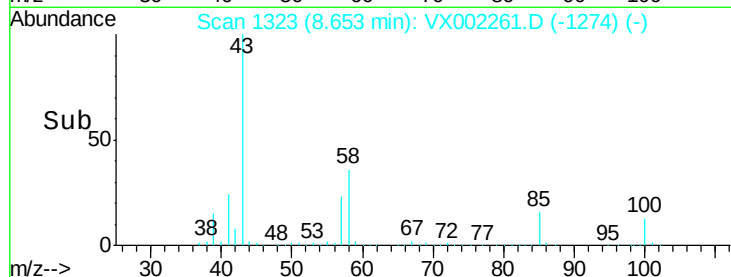
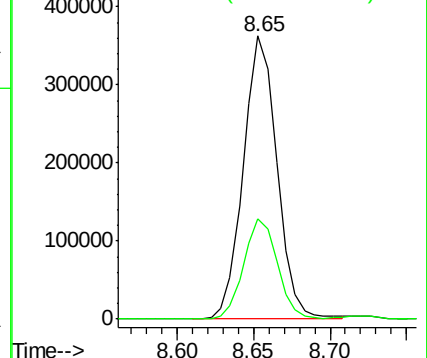
43 100

58 35.6 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.88 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002261.D

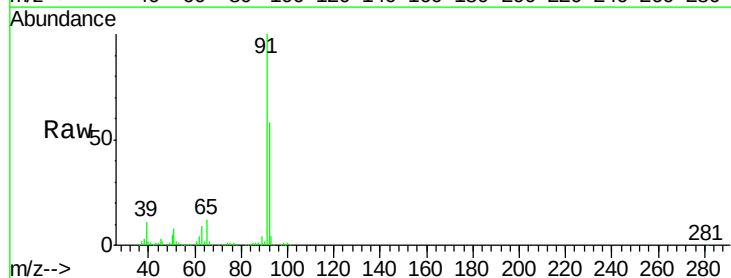
Acq: 04 Jun 2018 15:41

Tgt Ion: 92 Resp: 178011

Ion Ratio Lower Upper

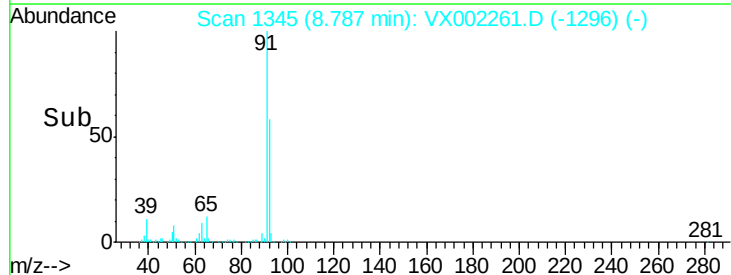
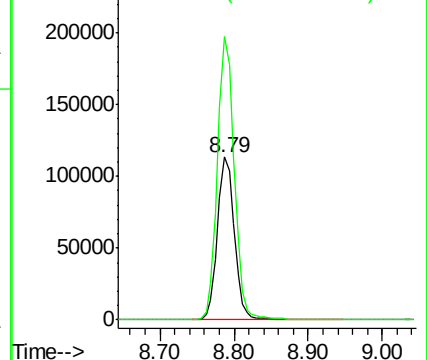
92 100

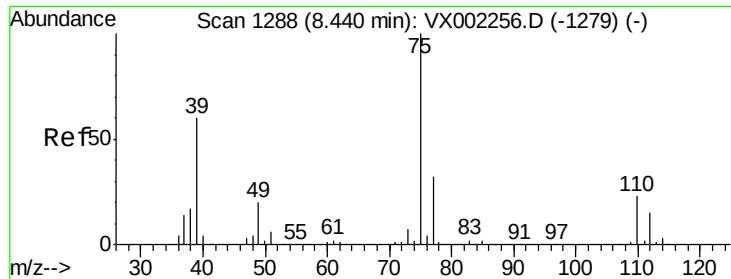
91 173.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.92 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

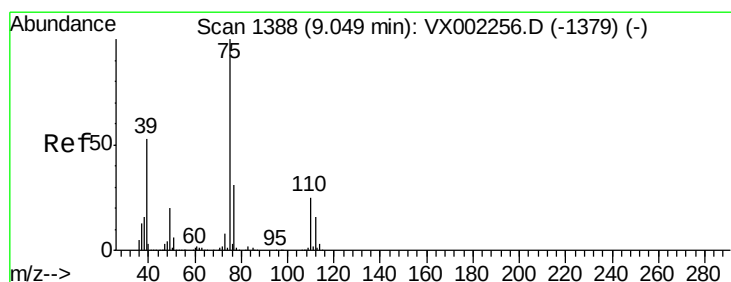
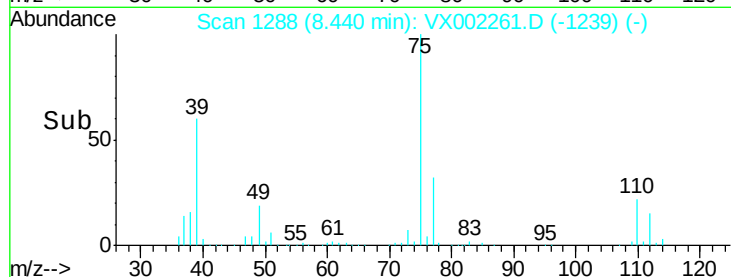
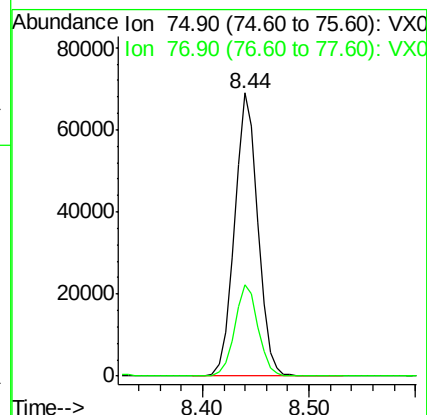
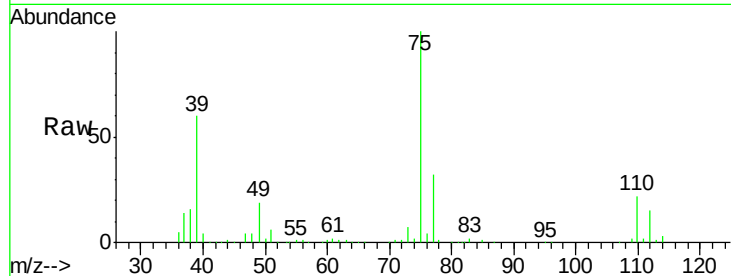
VX0604WBS01

Tot Ion: 75 Resp: 105718

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.57 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

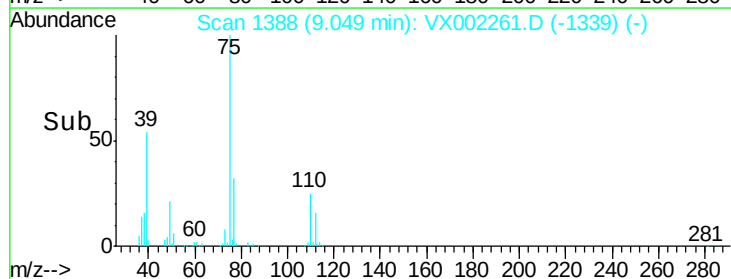
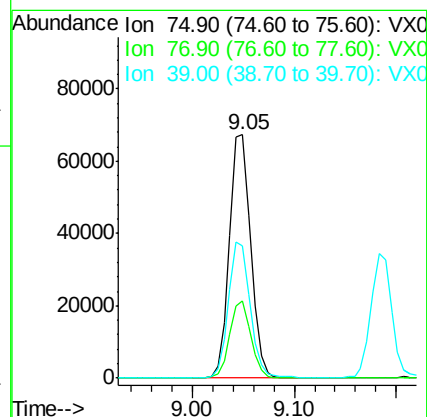
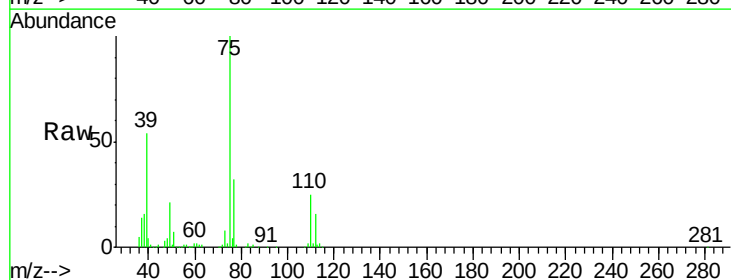
Tgt Ion: 75 Resp: 97910

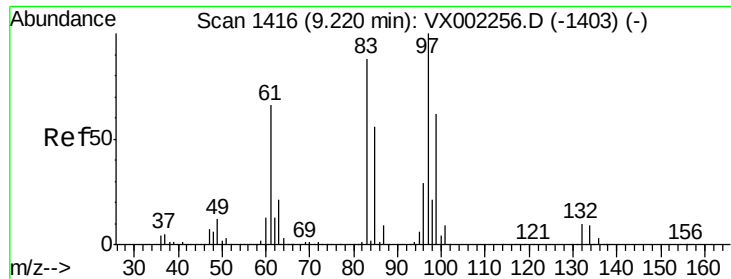
Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

39 54.1 42.4 63.6

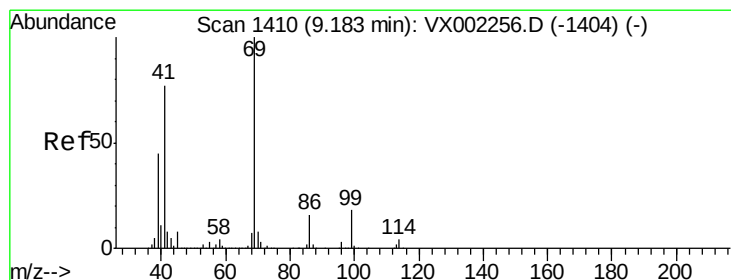
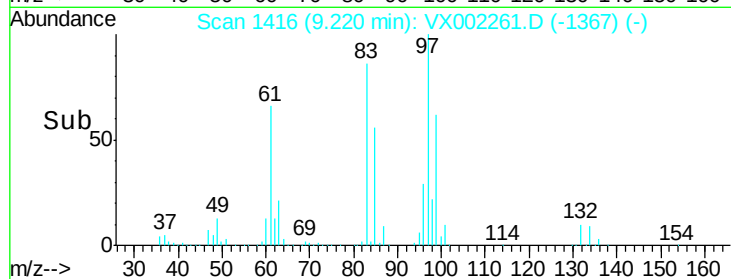
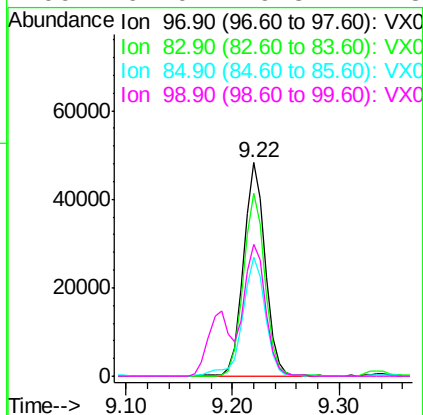
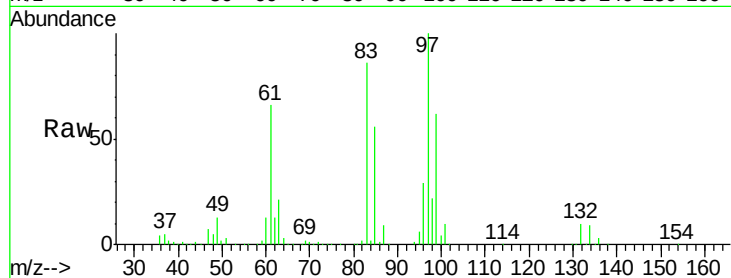




#55
 1,1,2-Trichloroethane
 Concen: 18.89 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

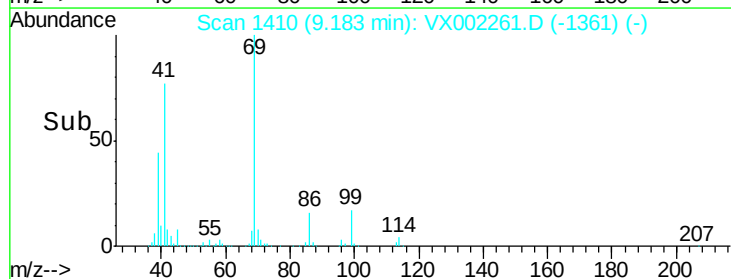
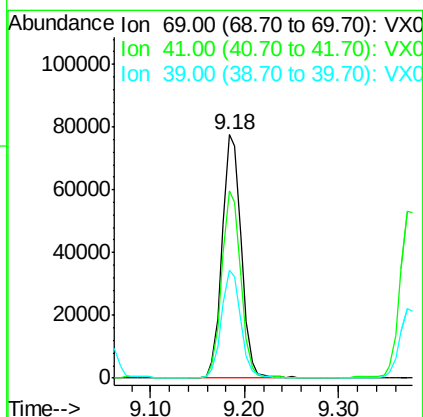
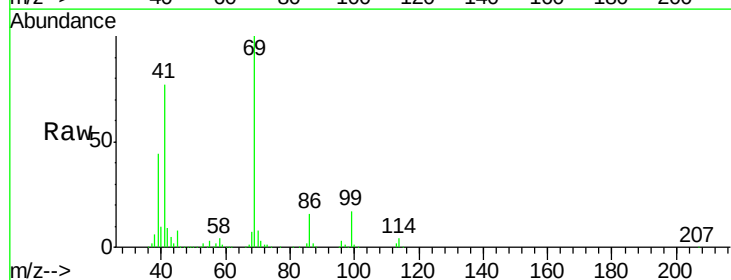
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

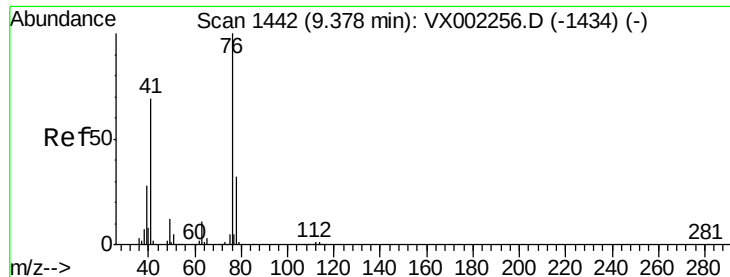
Tot Ion:	97	Resp:	69562
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.2	105.2
85	55.7	44.9	67.3
99	62.0	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 18.60 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

Tgt Ion:	69	Resp:	109383
Ion	Ratio	Lower	Upper
69	100		
41	75.9	60.3	90.5
39	44.5	35.8	53.8

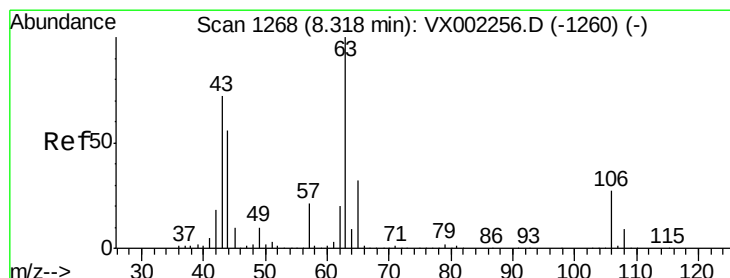
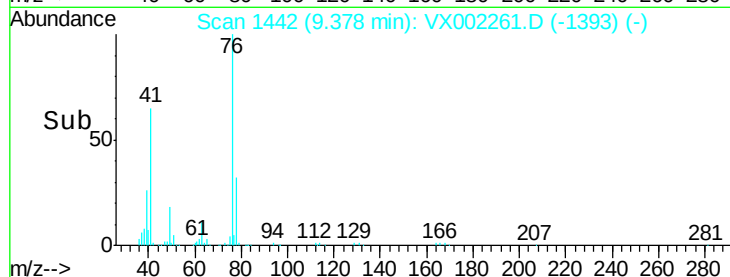
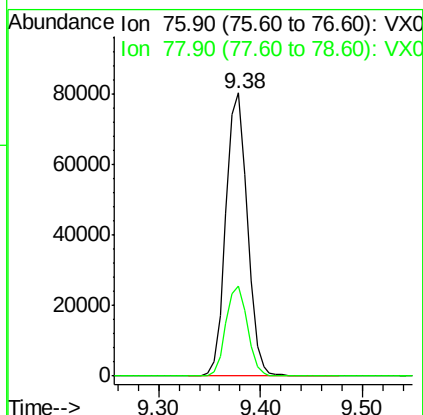
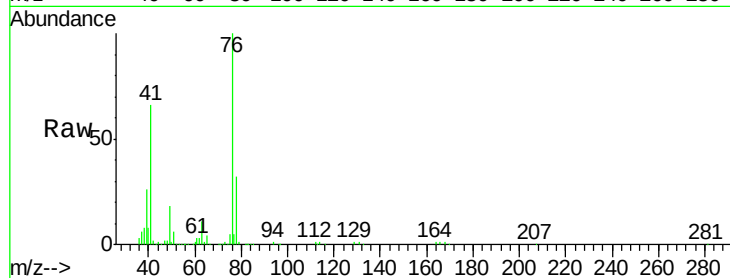




#57
 1,3-Dichloropropane
 Concen: 19.00 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

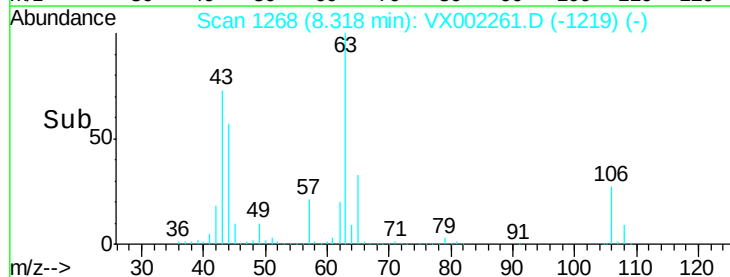
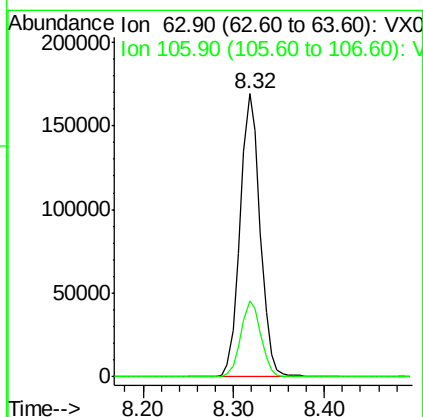
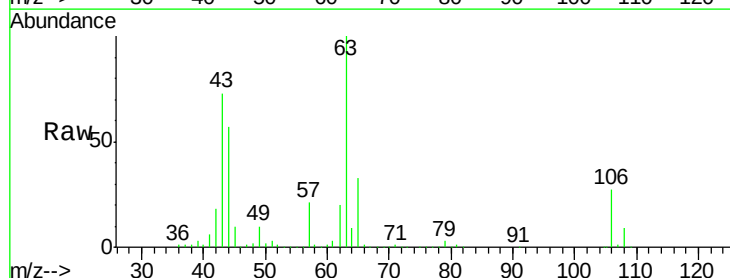
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

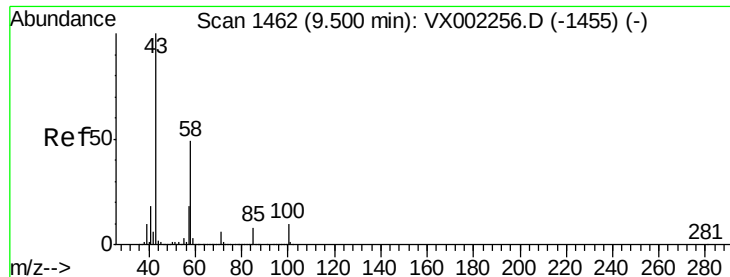
Tot Ion: 76 Resp: 117368
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.57 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

Tgt Ion: 63 Resp: 260078
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.8 32.8

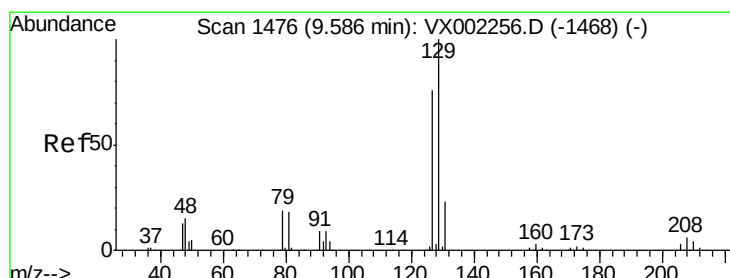
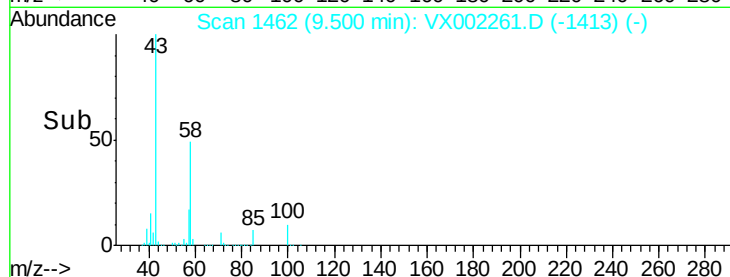
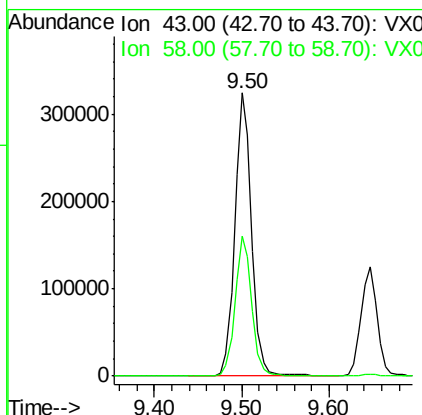
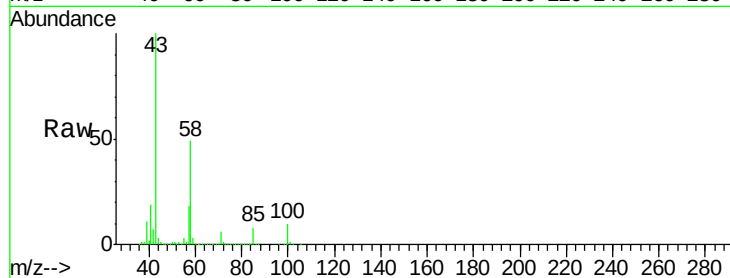




#59
2-Hexanone
Concen: 96.23 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

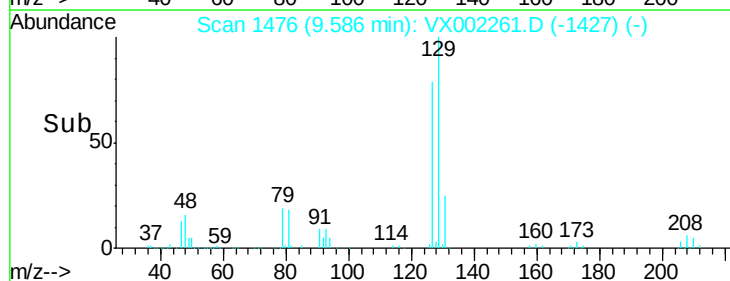
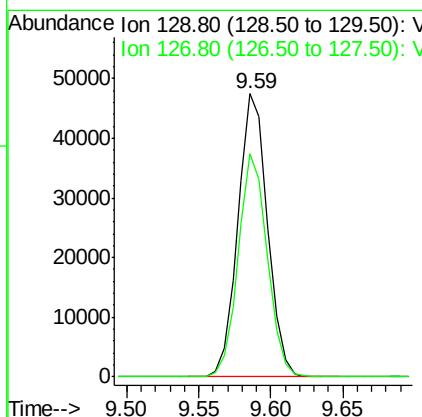
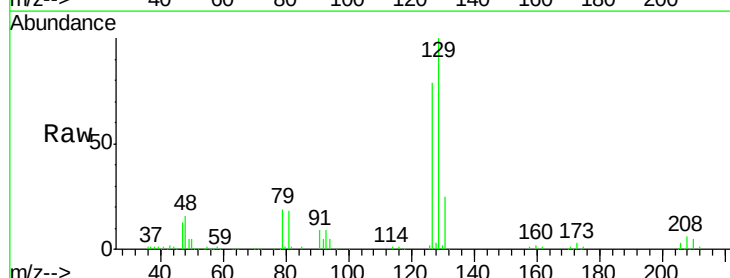
Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

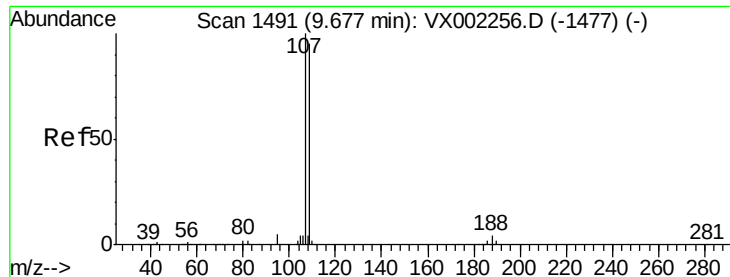
Tot Ion: 43 Resp: 434121
Ion Ratio Lower Upper
43 100
58 49.2 24.6 73.6



#60
Dibromochloromethane
Concen: 18.23 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

Tgt Ion: 129 Resp: 67532
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.01 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

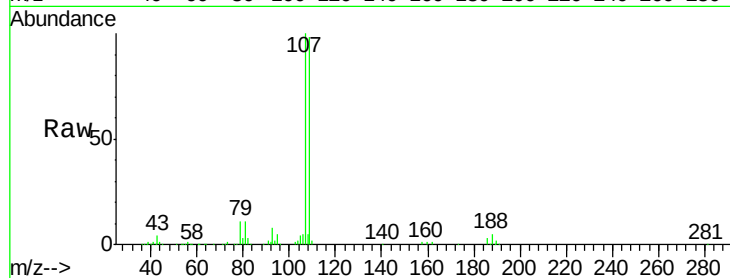
VX0604WBS01

Tot Ion:107 Resp: 72980

Ion Ratio Lower Upper

107 100

109 95.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

60000

50000

40000

30000

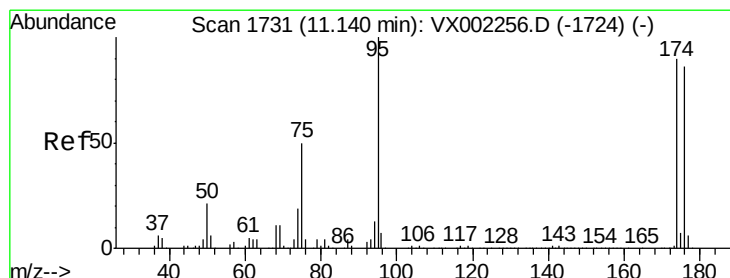
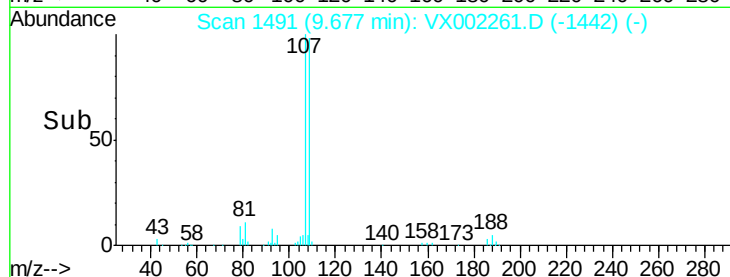
20000

10000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 43.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

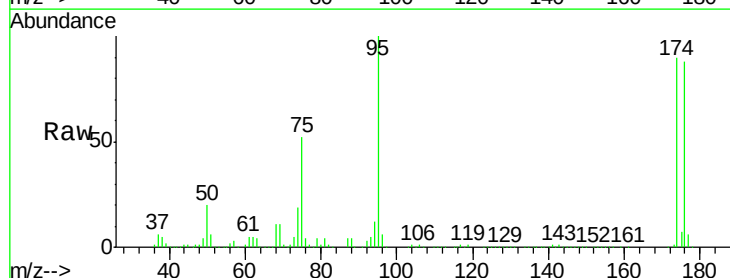
Tgt Ion: 95 Resp: 222619

Ion Ratio Lower Upper

95 100

174 93.8 0.0 187.4

176 91.1 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

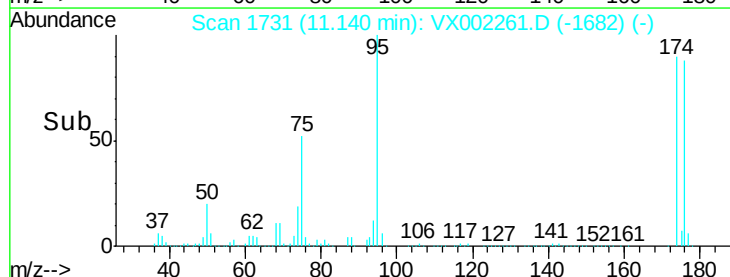
100000

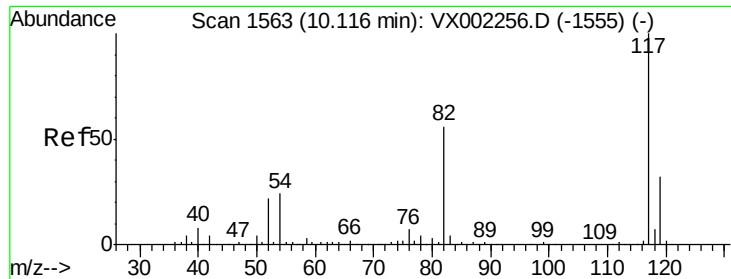
50000

0

11.10 11.20

Time-->

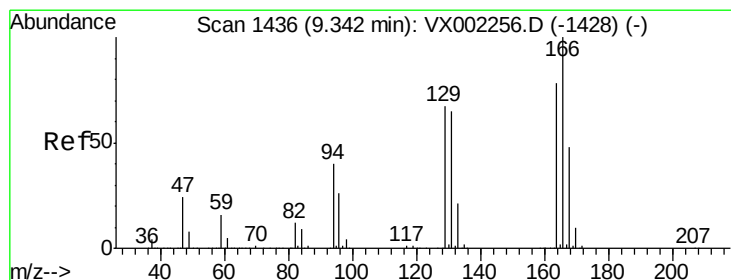
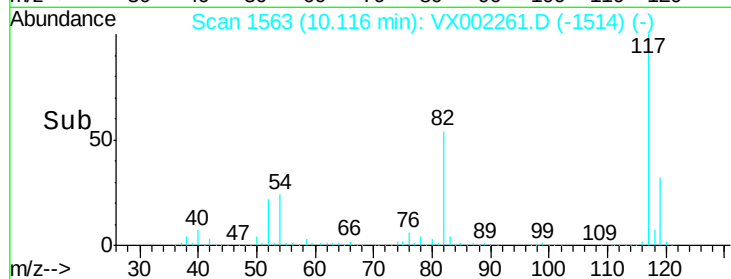
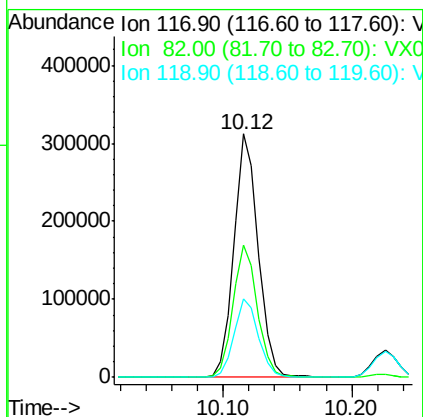
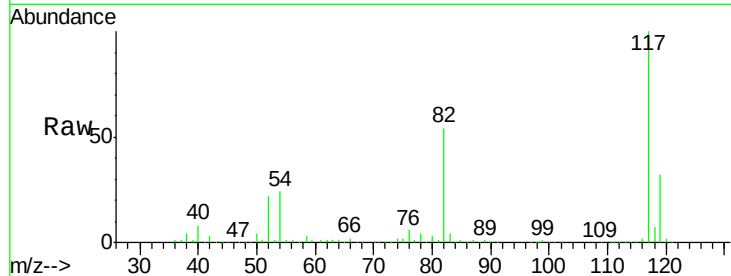




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

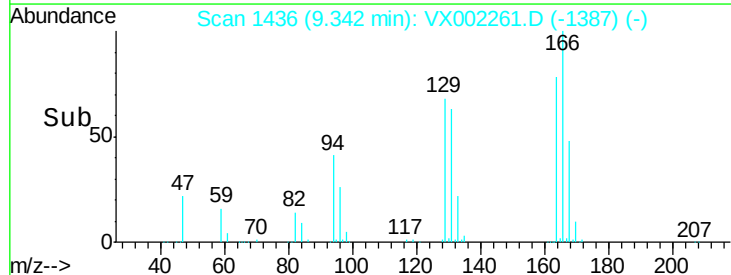
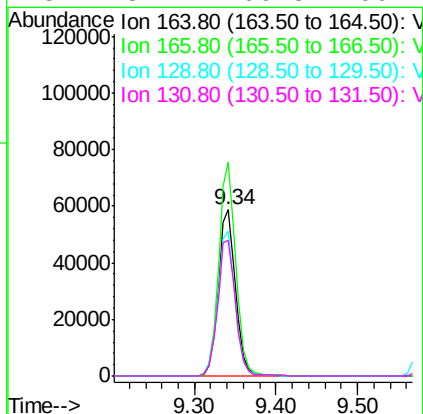
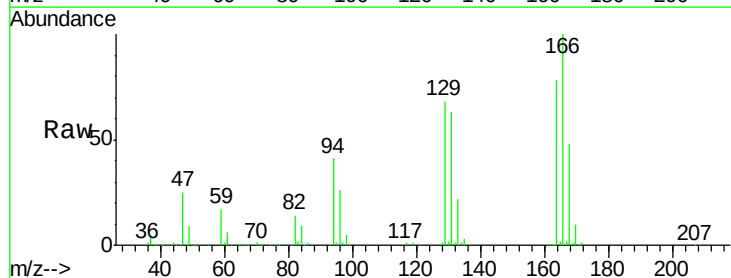
Instrument :
MSVOA_X
ClientSampleId :
VX0604WBS01

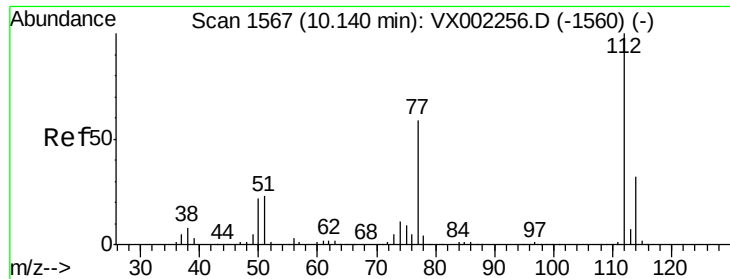
Tot Ion:117 Resp: 411037
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 20.56 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

Tgt Ion:164 Resp: 87175
Ion Ratio Lower Upper
164 100
166 128.7 102.9 154.3
129 87.2 68.6 102.8
131 81.7 66.8 100.2





#65

Chlorobenzene

Concen: 19.68 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

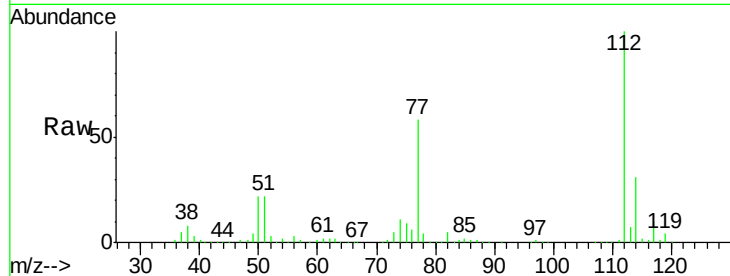
VX0604WBS01

Tot Ion:112 Resp: 201265

Ion Ratio Lower Upper

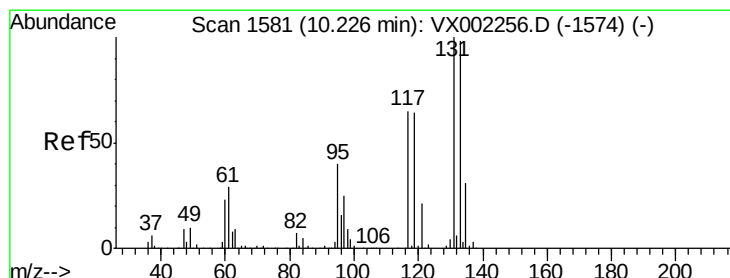
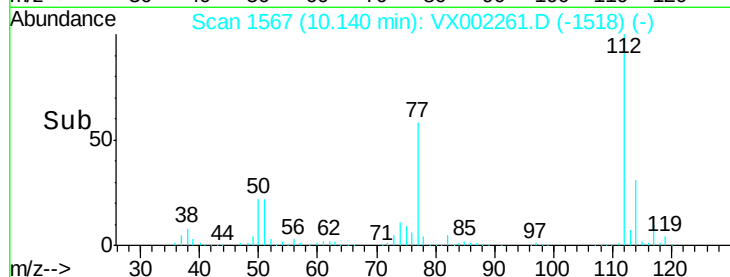
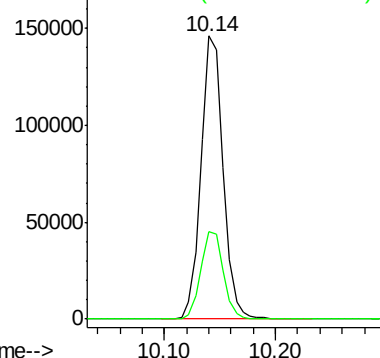
112 100

114 30.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.09 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

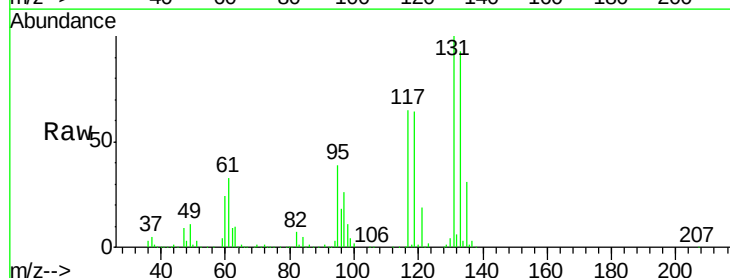
Tgt Ion:131 Resp: 70691

Ion Ratio Lower Upper

131 100

133 95.5 47.9 143.6

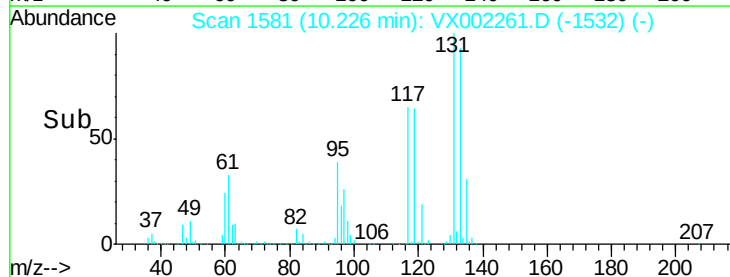
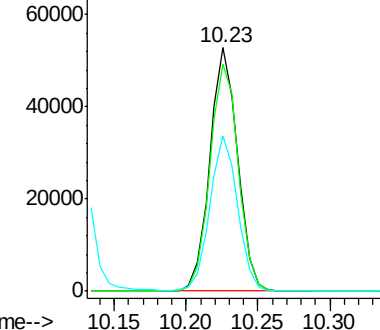
119 64.1 31.8 95.3

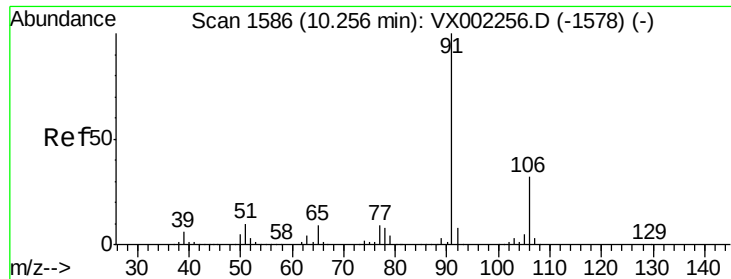


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

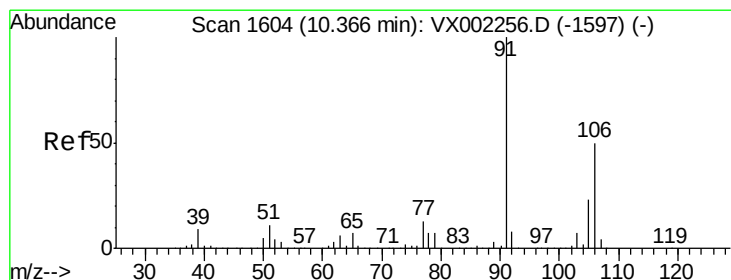
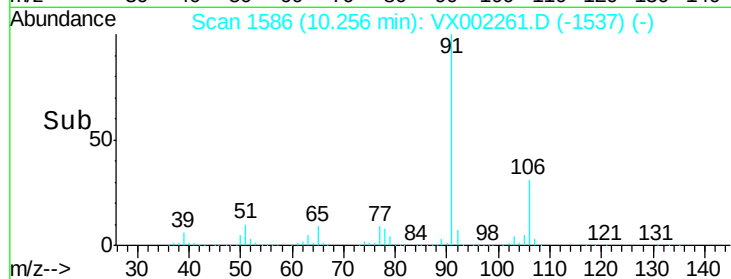
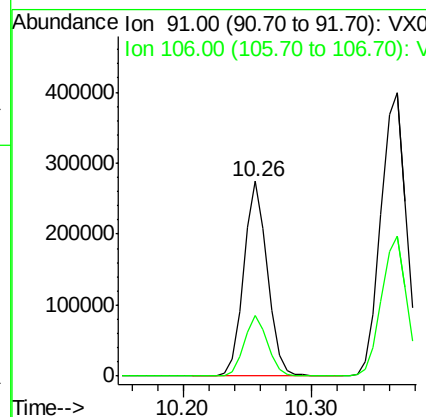
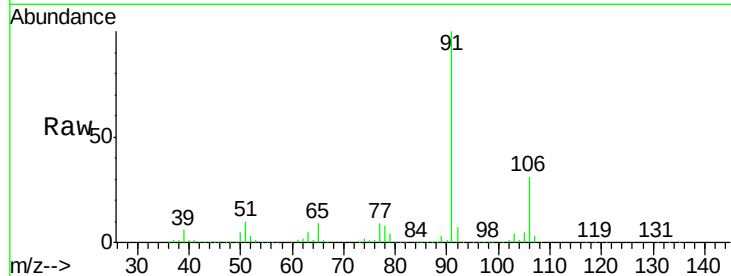




#67
Ethyl Benzene
Concen: 20.33 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

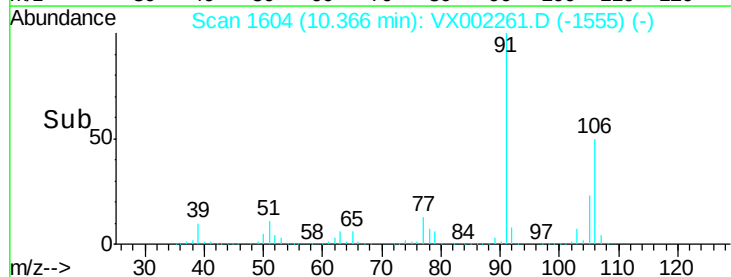
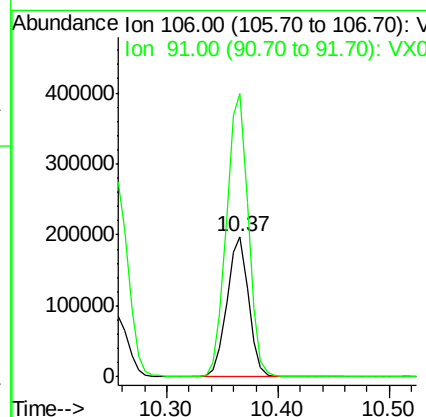
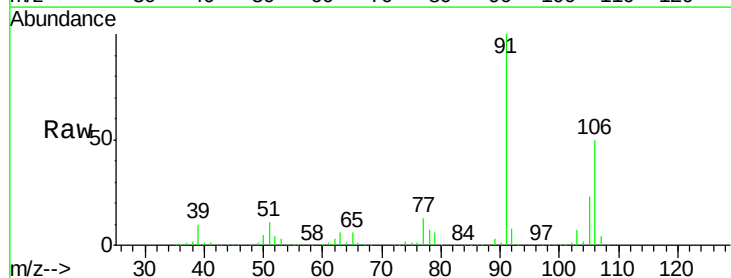
Instrument :
MSVOA_X
ClientSampled :
VX0604WBS01

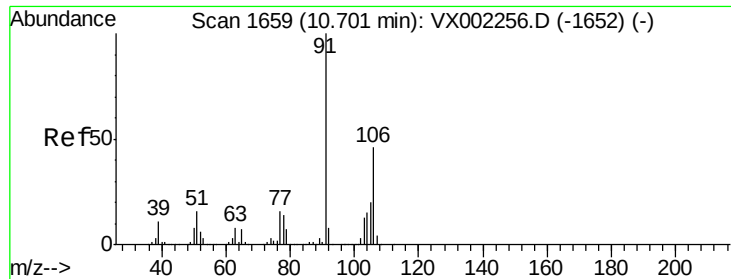
Tot Ion: 91 Resp: 347994
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 39.87 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

Tgt Ion: 106 Resp: 265310
Ion Ratio Lower Upper
106 100
91 204.9 163.4 245.2

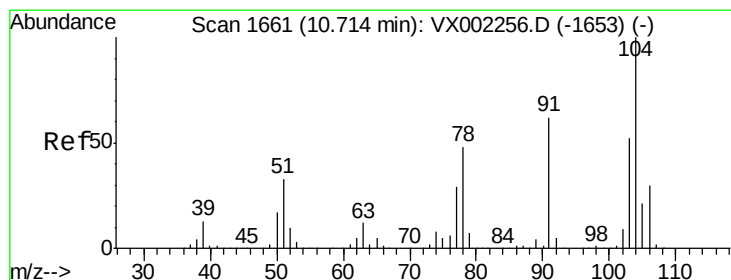
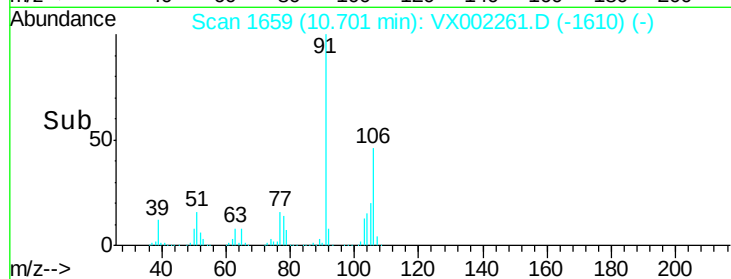
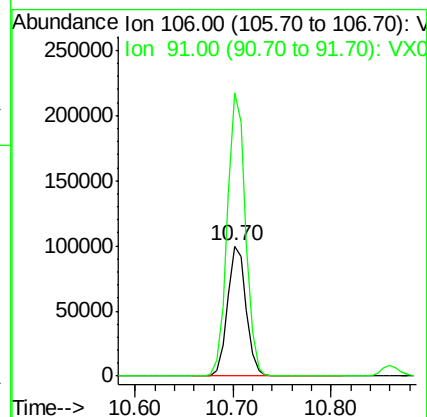
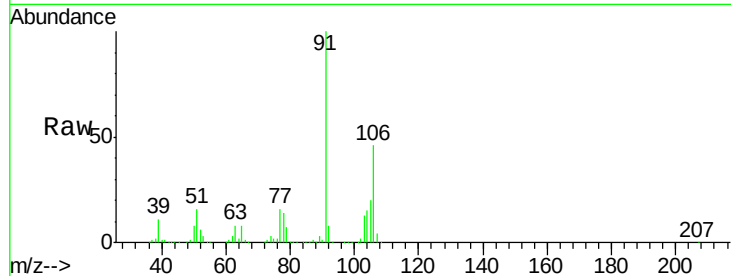




#69
o-Xylene
Concen: 19.77 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

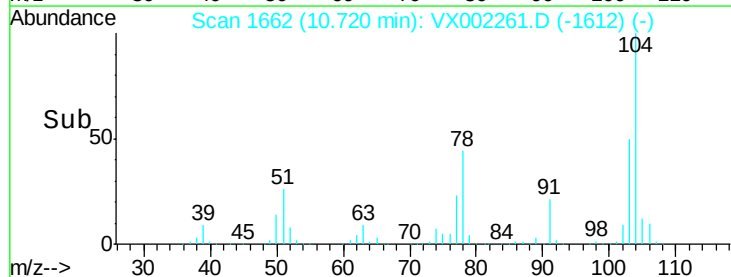
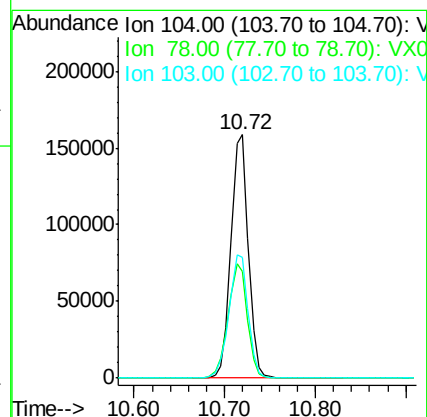
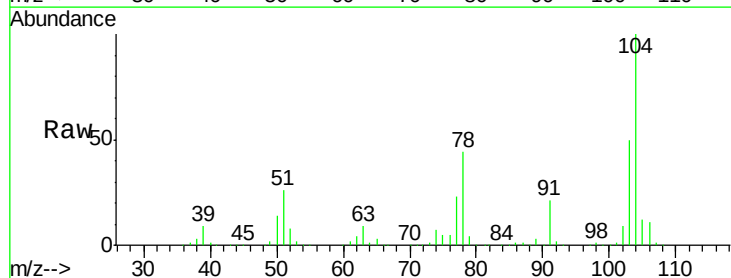
Instrument :
MSVOA_X
ClientSampled :
VX0604WBS01

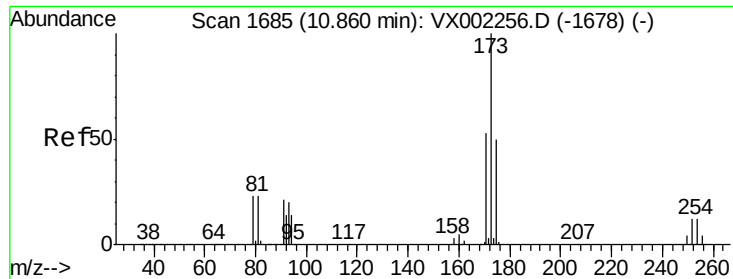
Tot Ion:106 Resp: 130924
Ion Ratio Lower Upper
106 100
91 214.3 108.2 324.6



#70
Styrene
Concen: 19.55 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

Tgt Ion:104 Resp: 211639
Ion Ratio Lower Upper
104 100
78 51.9 41.0 61.6
103 55.8 44.2 66.4





#71

Bromoform

Concen: 17.75 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

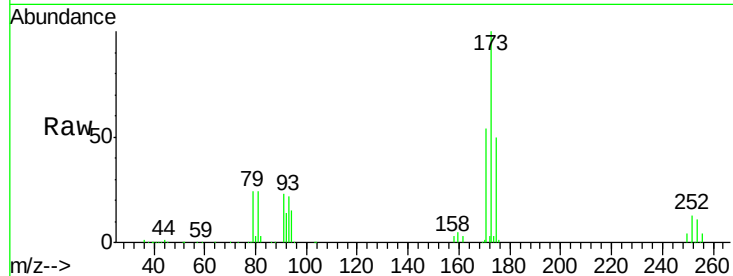
Tot Ion:173 Resp: 50919

Ion Ratio Lower Upper

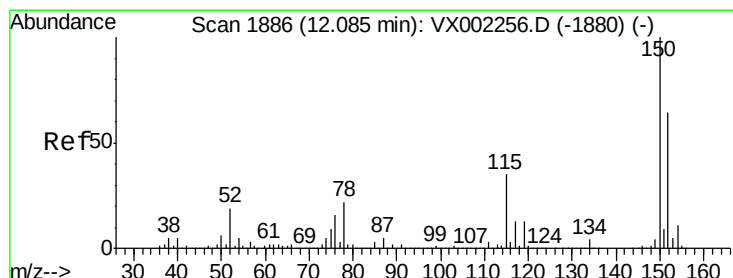
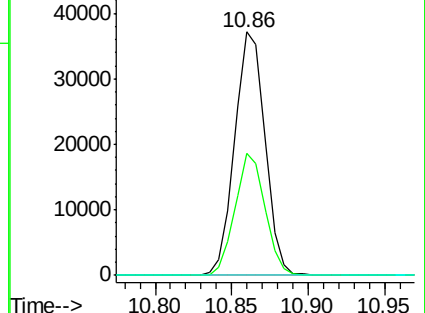
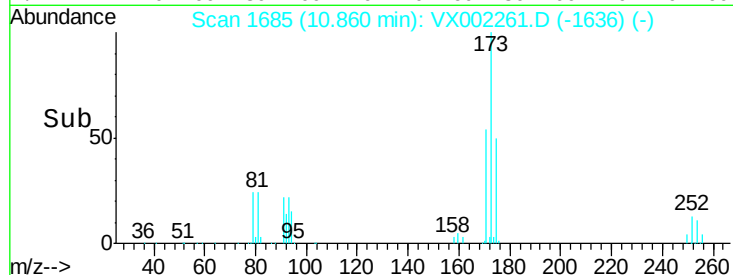
173 100

175 49.7 24.7 74.1

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

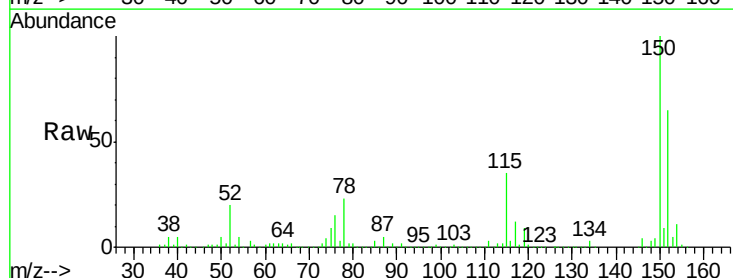
Tgt Ion:152 Resp: 246536

Ion Ratio Lower Upper

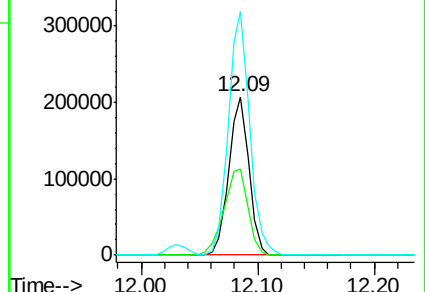
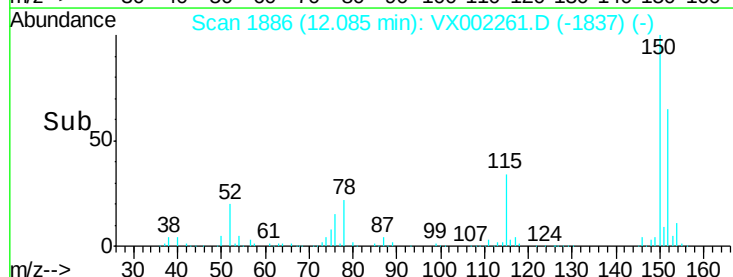
152 100

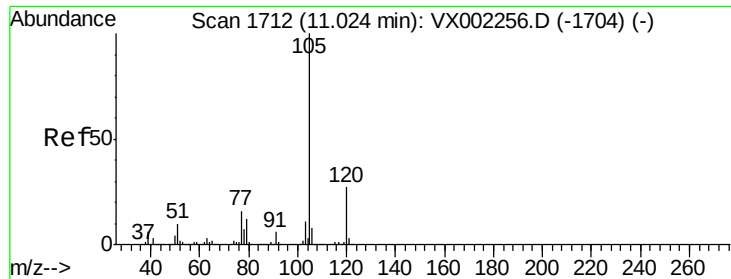
115 65.1 40.1 120.2

150 163.3 0.0 347.2



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





#73

Isopropylbenzene

Concen: 20.62 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

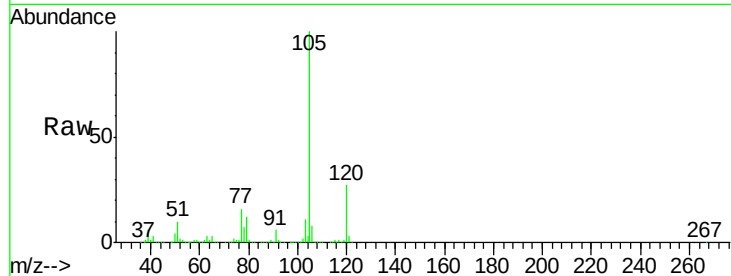
VX0604WBS01

Tot Ion:105 Resp: 353645

Ion Ratio Lower Upper

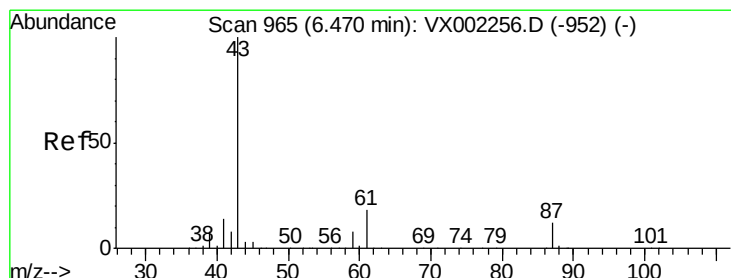
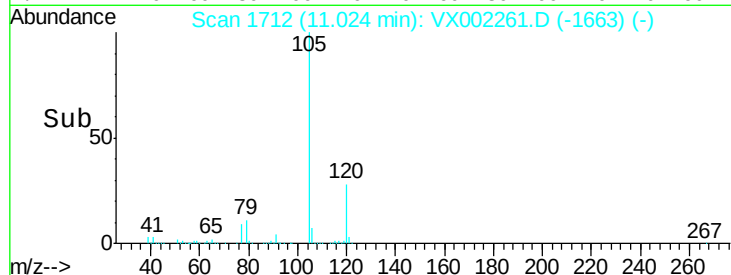
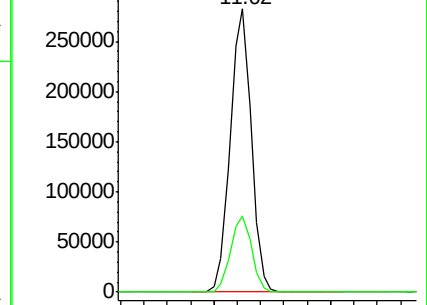
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.78 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Tgt Ion: 43 Resp: 173531

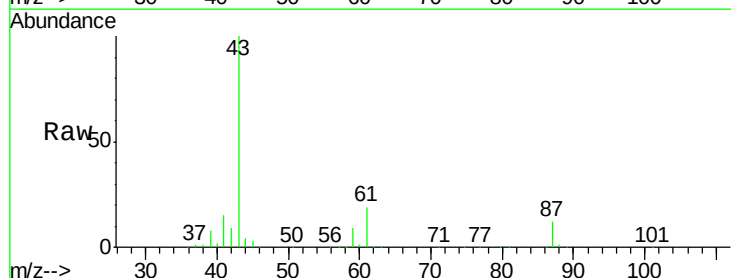
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.0 14.4 21.6

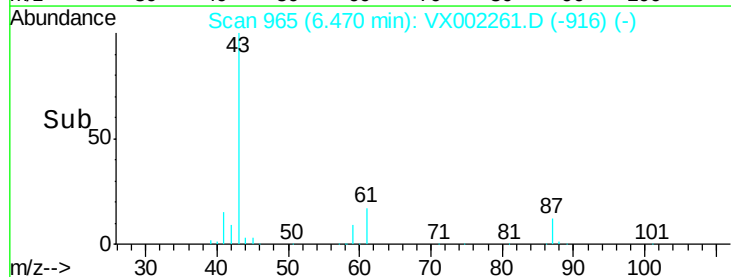
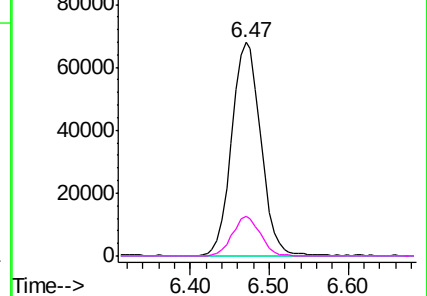


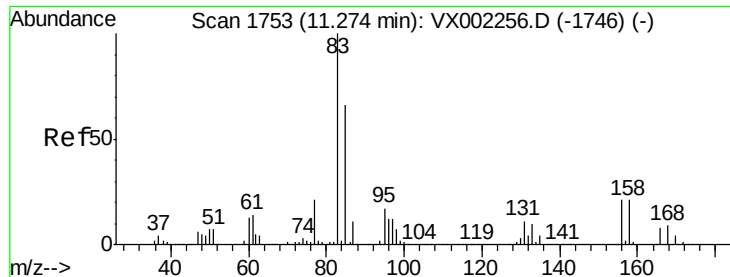
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.61 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

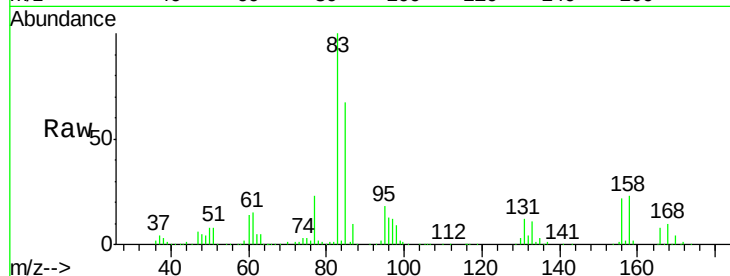
Tot Ion: 83 Resp: 100409

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

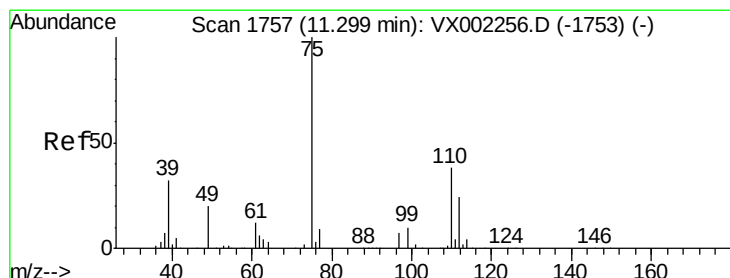
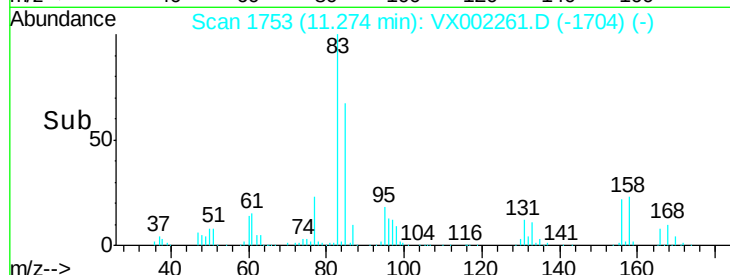
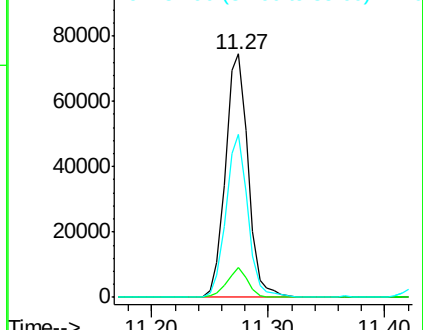
85 64.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.24 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002261.D

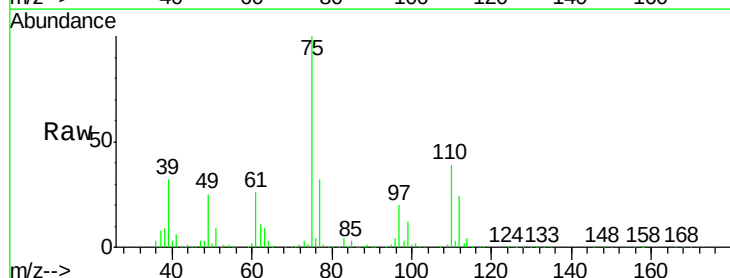
Acq: 04 Jun 2018 15:41

Tgt Ion: 75 Resp: 120332

Ion Ratio Lower Upper

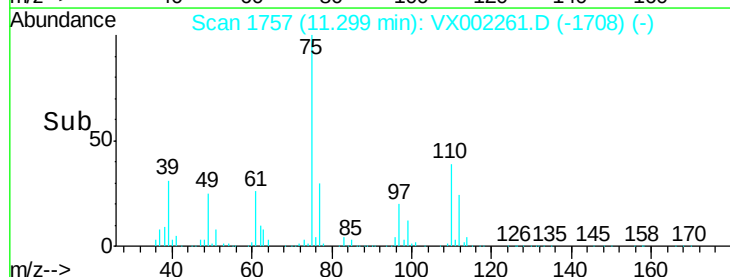
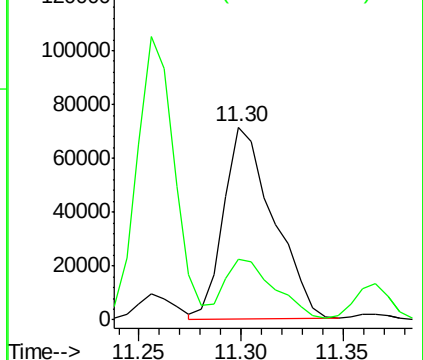
75 100

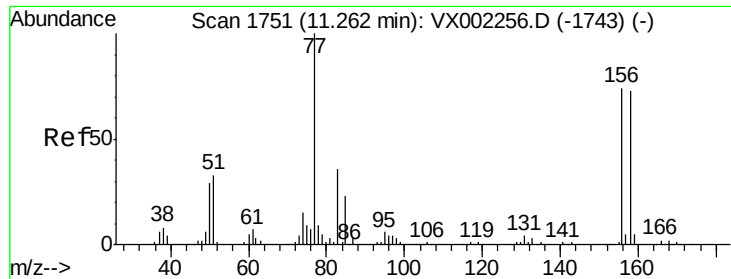
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.45 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampled :

VX0604WBS01

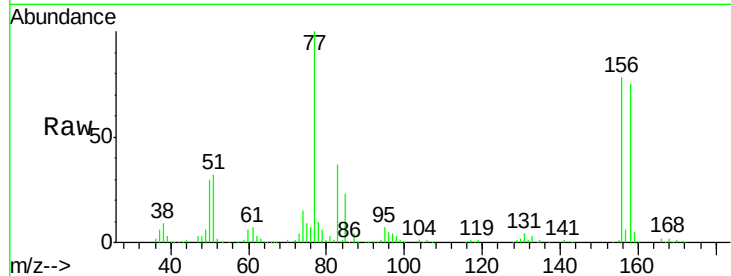
Tot Ion:156 Resp: 93629

Ion Ratio Lower Upper

156 100

77 142.4 71.4 214.2

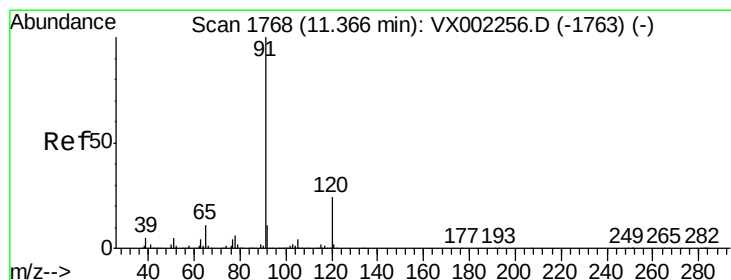
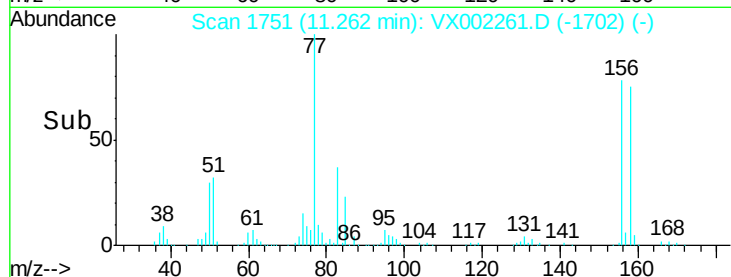
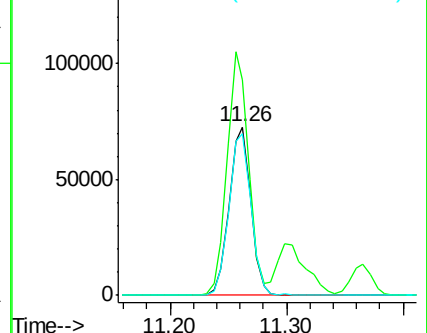
158 98.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.96 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002261.D

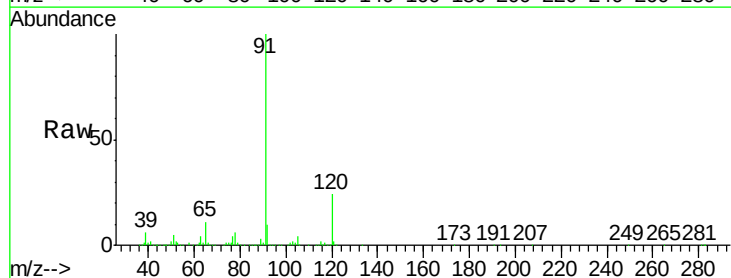
Acq: 04 Jun 2018 15:41

Tgt Ion: 91 Resp: 399488

Ion Ratio Lower Upper

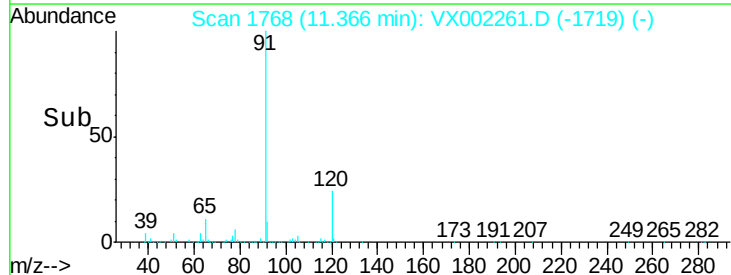
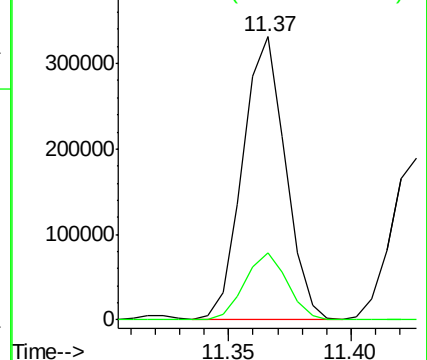
91 100

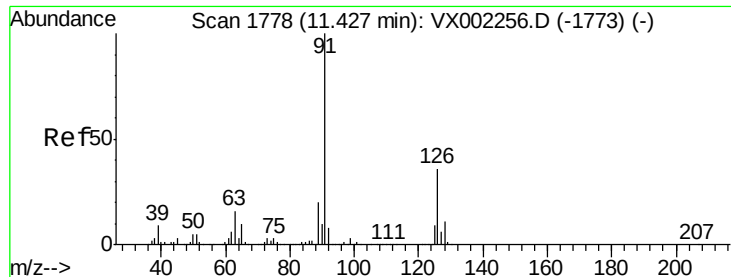
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.70 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampled :

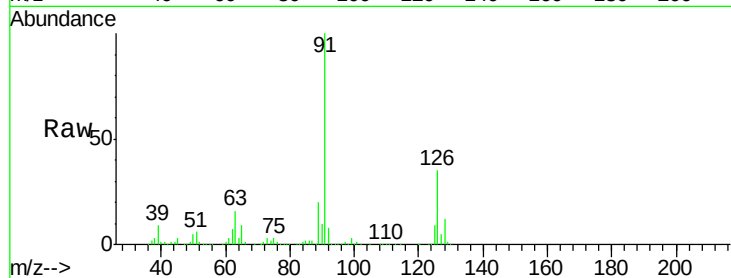
VX0604WBS01

Tot Ion: 91 Resp: 237135

Ion Ratio Lower Upper

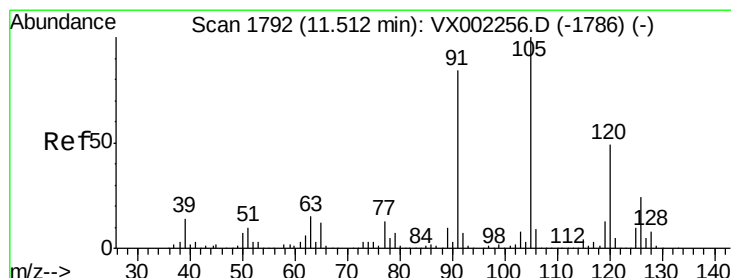
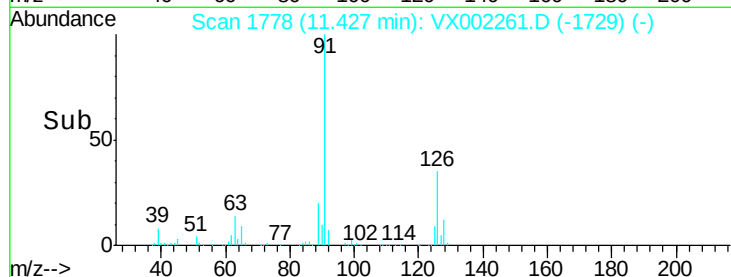
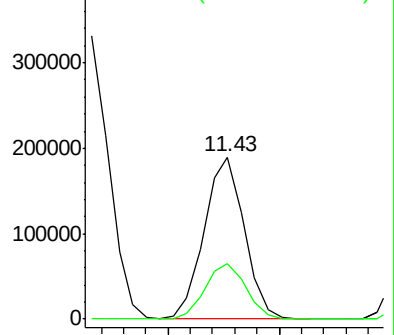
91 100

126 35.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.21 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002261.D

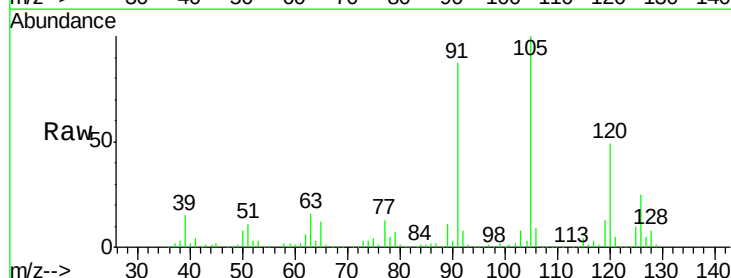
Acq: 04 Jun 2018 15:41

Tgt Ion: 105 Resp: 297333

Ion Ratio Lower Upper

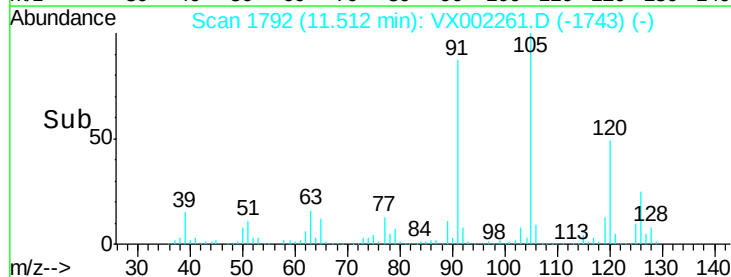
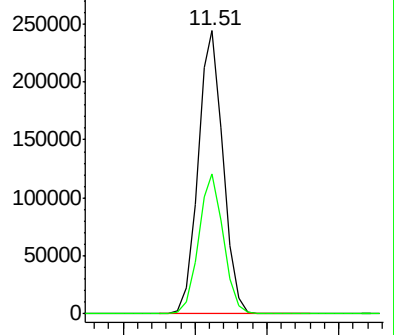
105 100

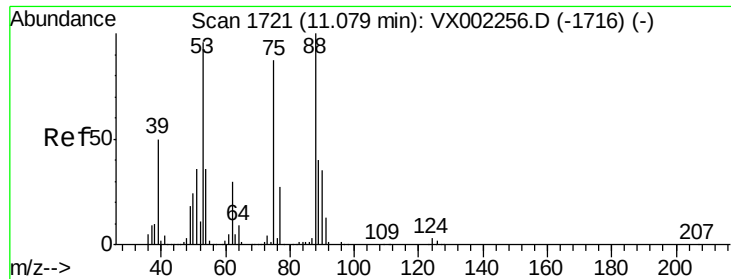
120 49.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

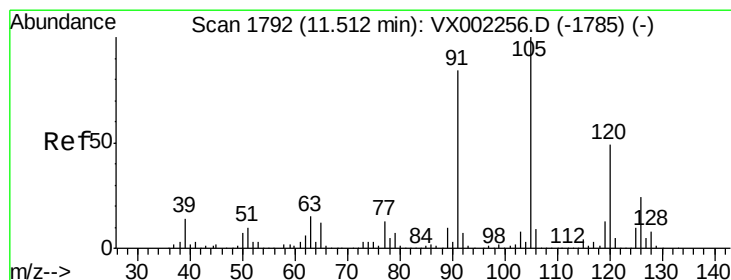
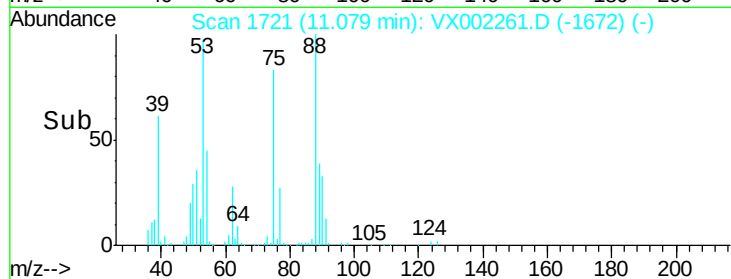
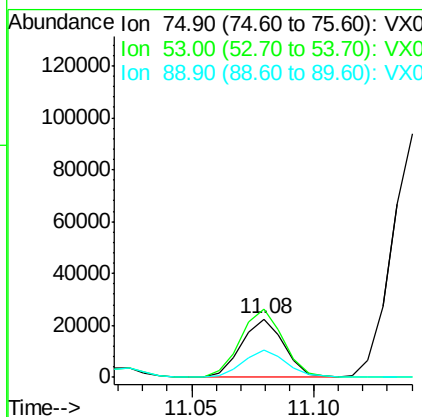
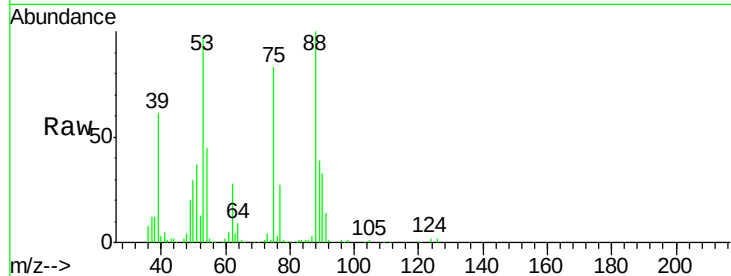




#81
trans-1,4-Dichloro-2-butene
Concen: 17.38 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

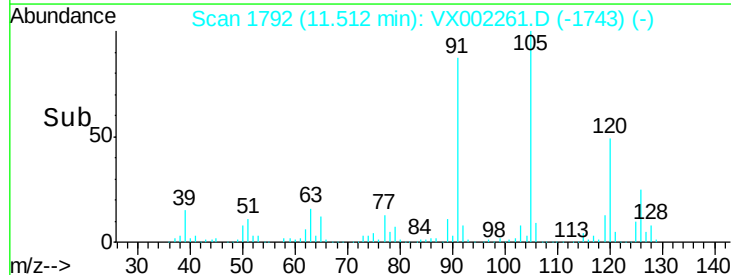
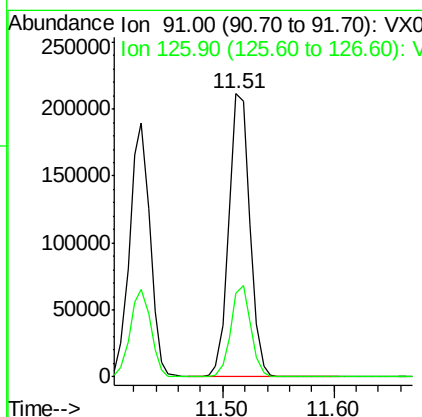
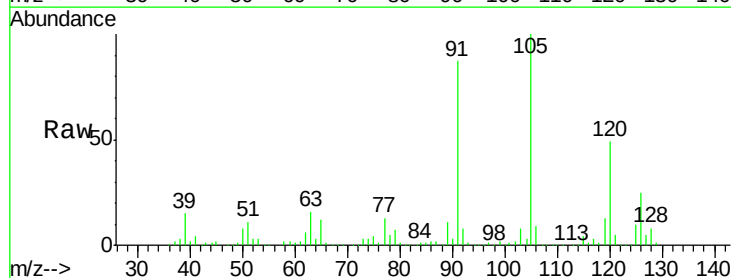
Instrument :
MSVOA_X
ClientSampled :
VX0604WBS01

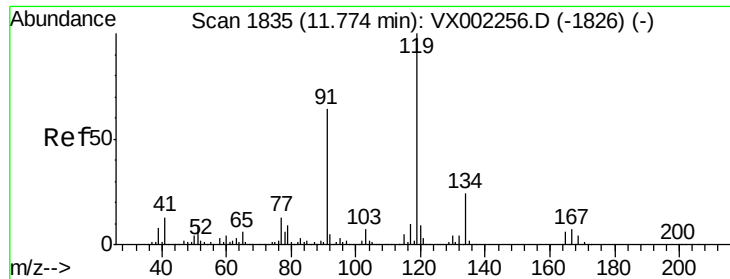
Tot Ion: 75 Resp: 26820
Ion Ratio Lower Upper
75 100
53 117.8 86.8 130.2
89 49.0 38.2 57.2



#82
4-Chlorotoluene
Concen: 19.89 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002261.D
Acq: 04 Jun 2018 15:41

Tgt Ion: 91 Resp: 276263
Ion Ratio Lower Upper
91 100
126 30.6 15.4 46.4

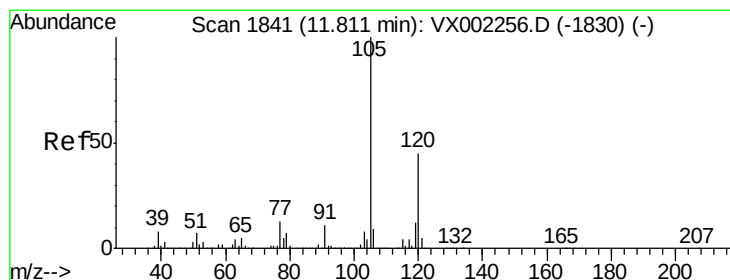
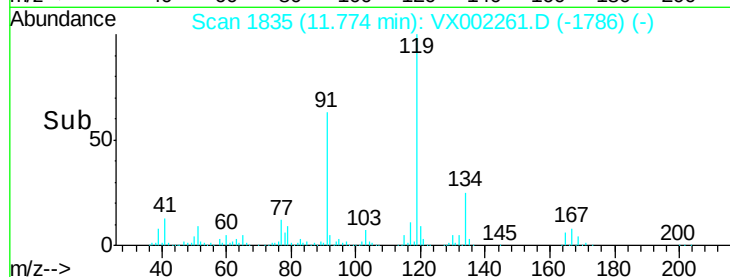
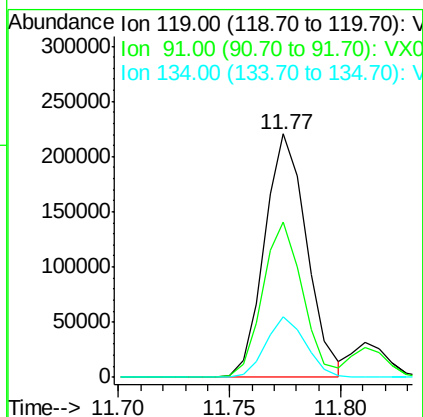
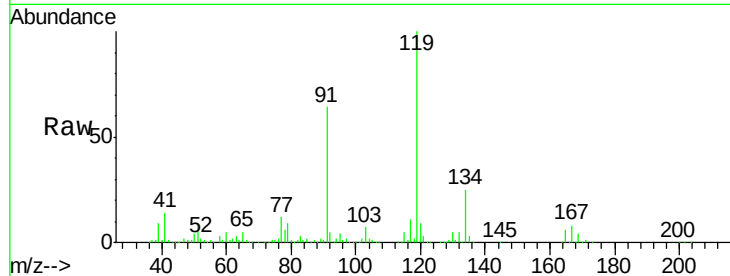




#83
 tert-Butylbenzene
 Concen: 20.23 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

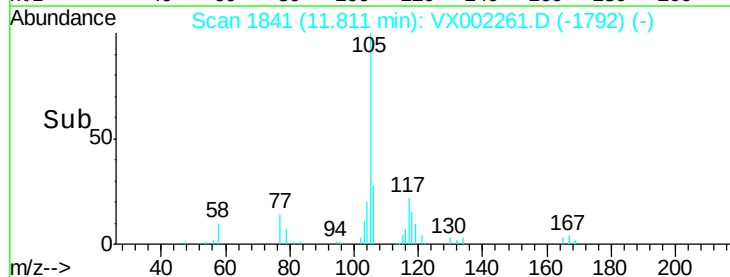
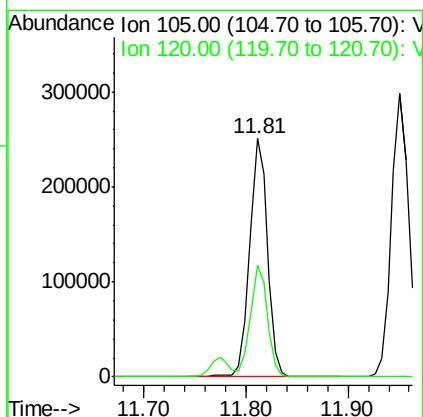
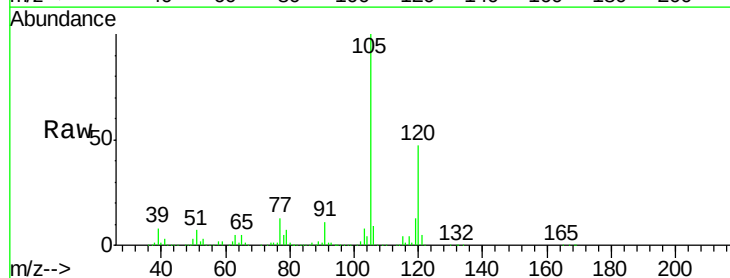
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

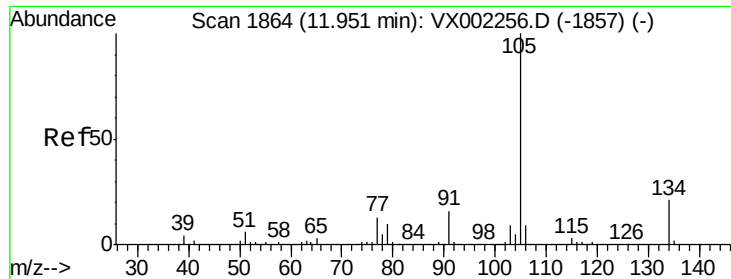
Tot Ion:119 Resp: 289803
 Ion Ratio Lower Upper
 119 100
 91 60.9 30.3 90.9
 134 23.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.21 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

Tgt Ion:105 Resp: 306000
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.3 66.8





#85

sec-Butylbenzene

Concen: 21.24 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

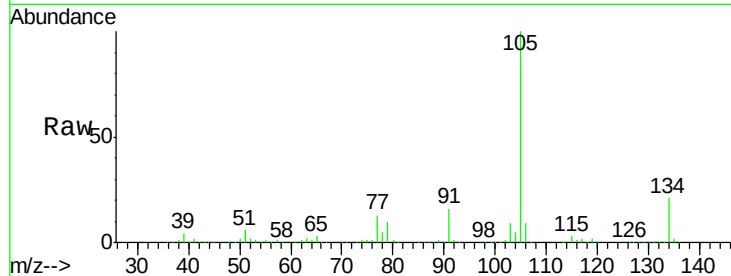
VX0604WBS01

Tot Ion:105 Resp: 356651

Ion Ratio Lower Upper

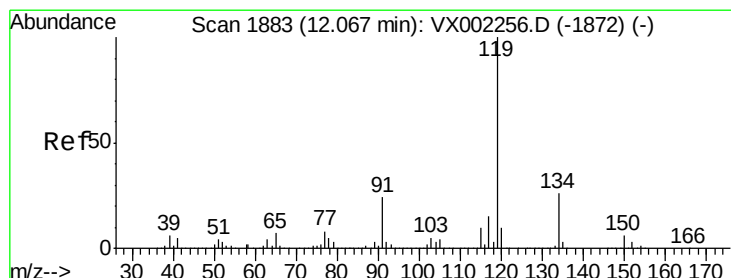
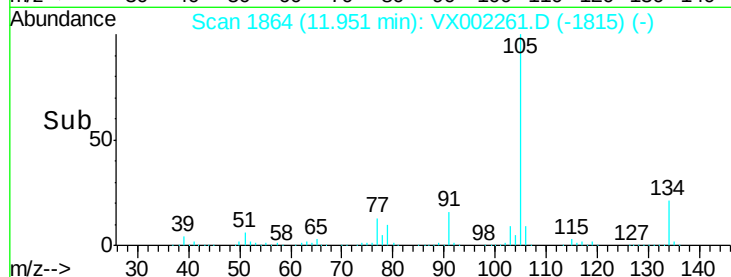
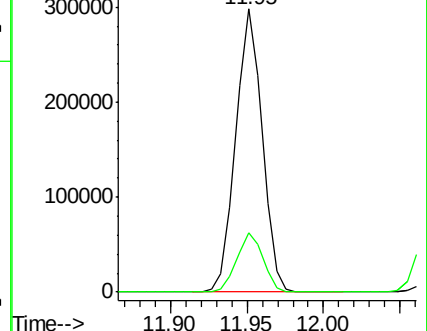
105 100

134 21.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.95 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

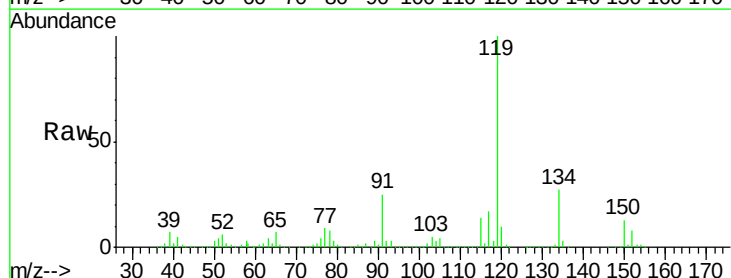
Tgt Ion:119 Resp: 320396

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

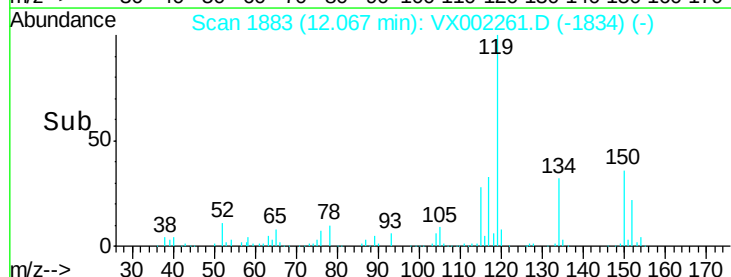
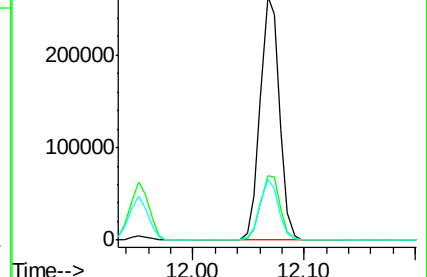
91 24.1 11.9 35.7

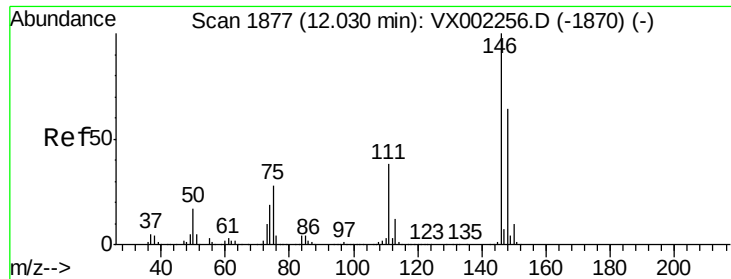


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

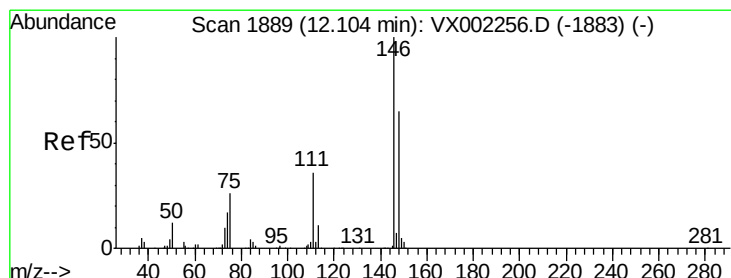
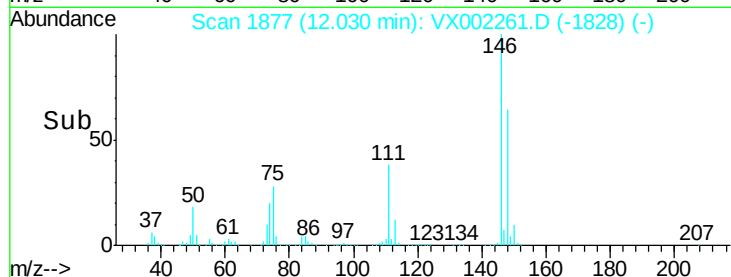
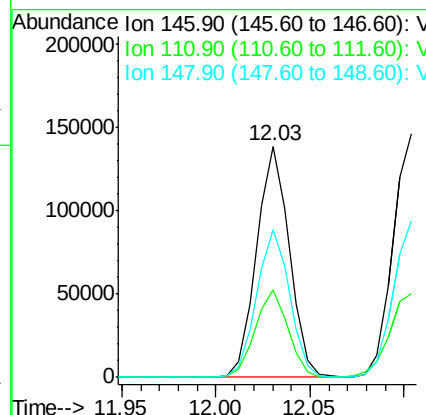
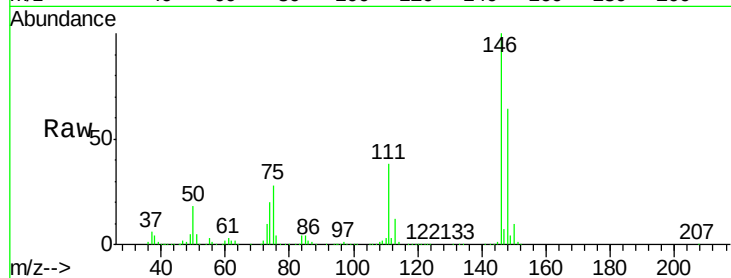




#87
 1,3-Dichlorobenzene
 Concen: 19.37 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

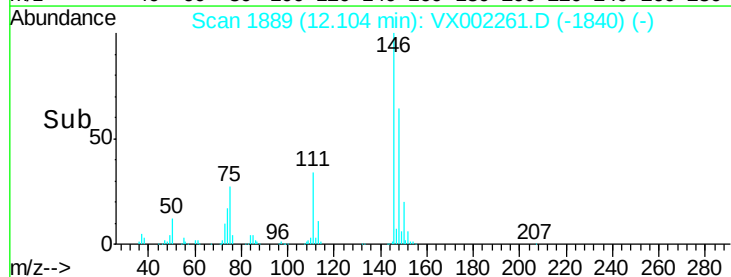
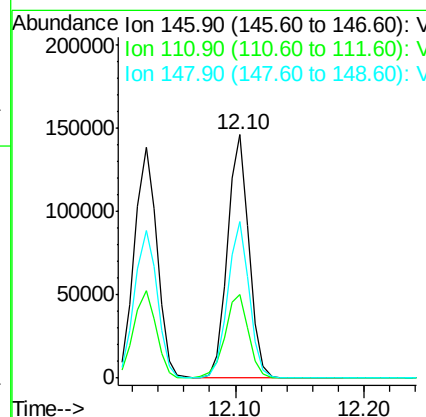
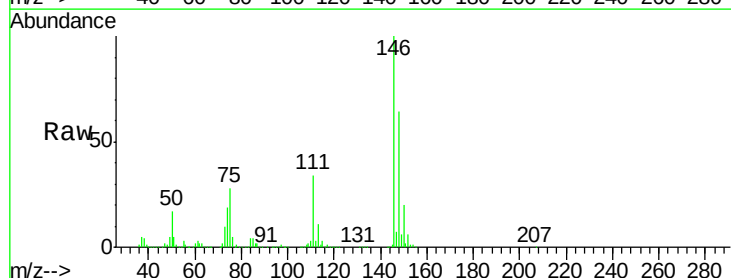
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

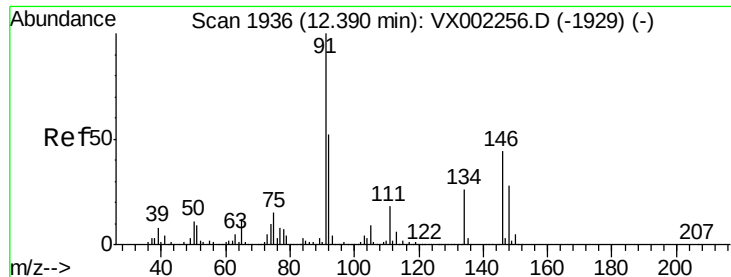
Tot Ion:146 Resp: 166745
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.9 56.7
 148 64.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.39 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

Tgt Ion:146 Resp: 172027
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.7 56.1
 148 64.4 32.4 97.0





#89

n-Butylbenzene

Concen: 21.07 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampled :

VX0604WBS01

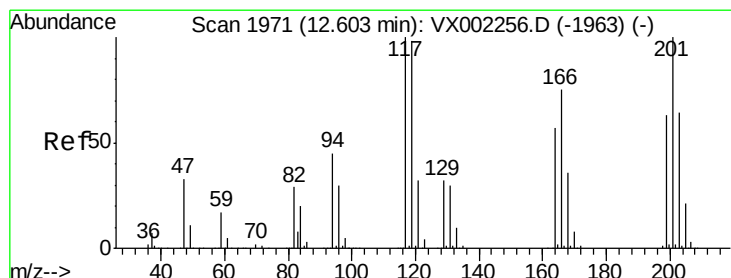
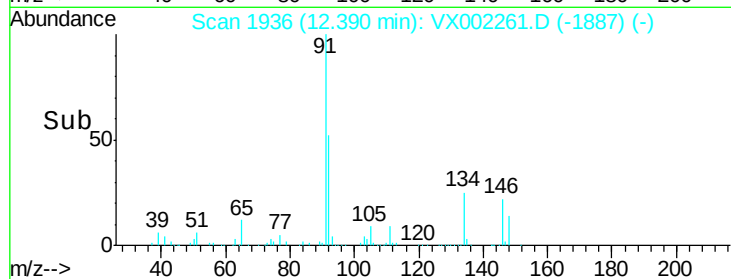
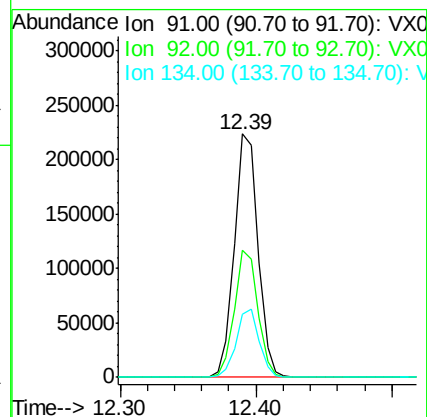
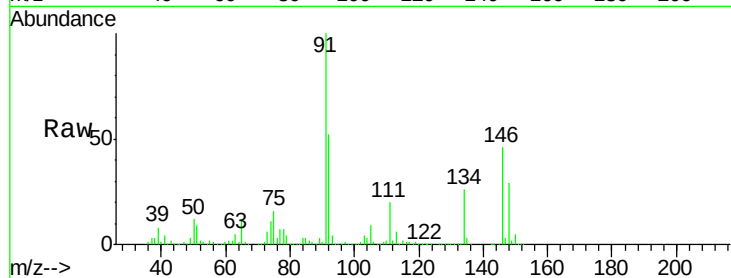
Tot Ion: 91 Resp: 270261

Ion Ratio Lower Upper

91 100

92 51.6 26.0 78.0

134 27.1 13.5 40.5



#90

Hexachloroethane

Concen: 18.66 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX002261.D

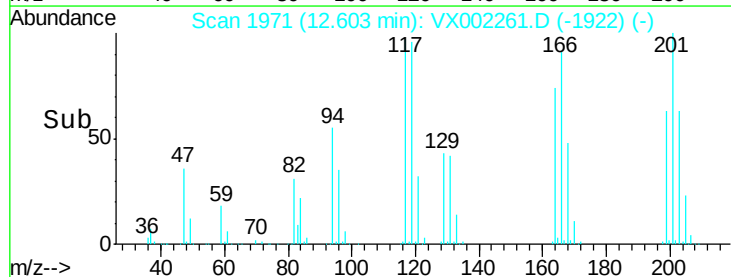
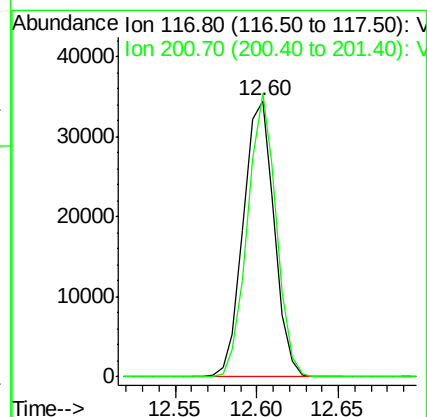
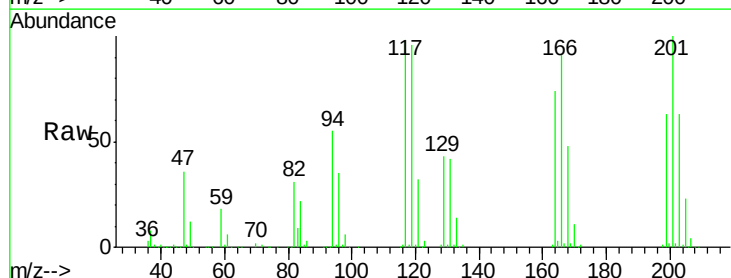
Acq: 04 Jun 2018 15:41

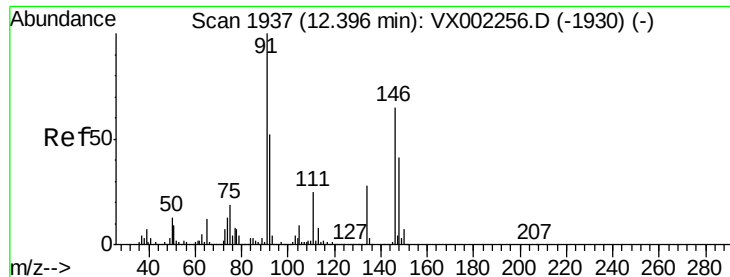
Tgt Ion: 117 Resp: 45562

Ion Ratio Lower Upper

117 100

201 95.5 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 19.38 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

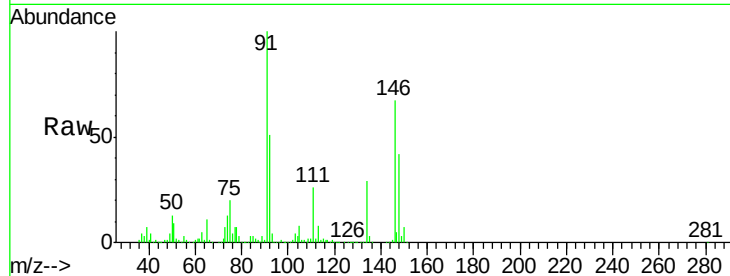
Tot Ion:146 Resp: 172602

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.1

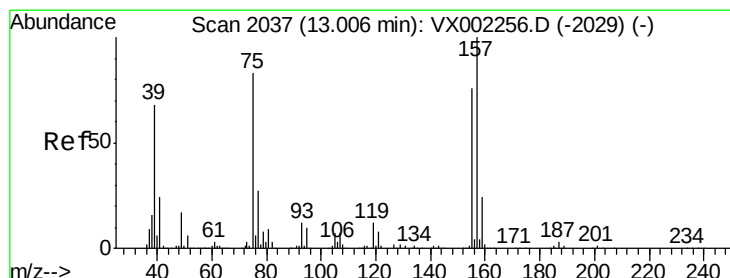
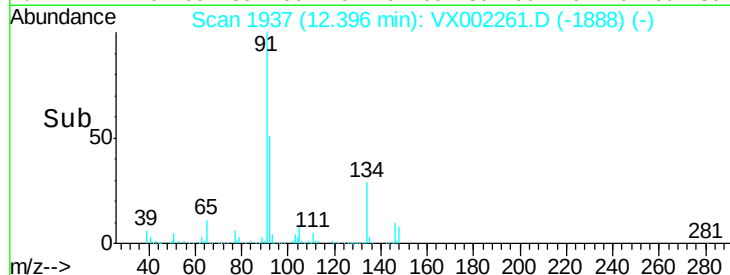
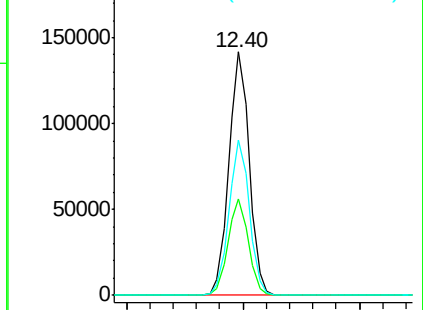
148 63.7 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.02 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

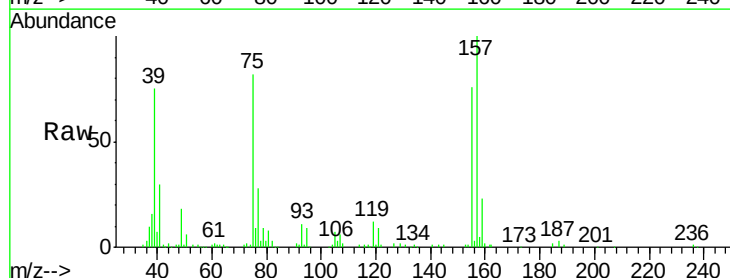
Tgt Ion: 75 Resp: 22433

Ion Ratio Lower Upper

75 100

155 92.9 45.8 137.4

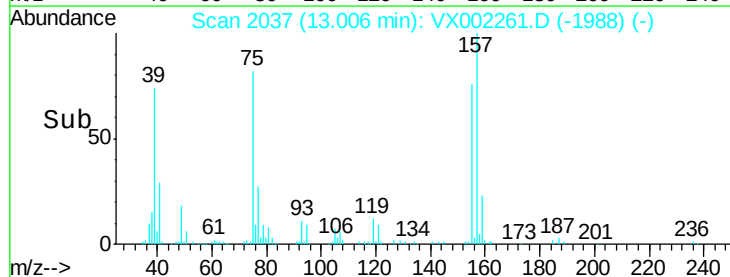
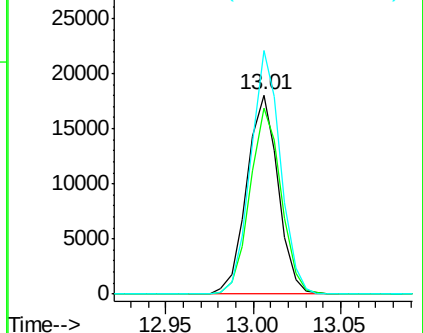
157 116.5 60.1 180.3

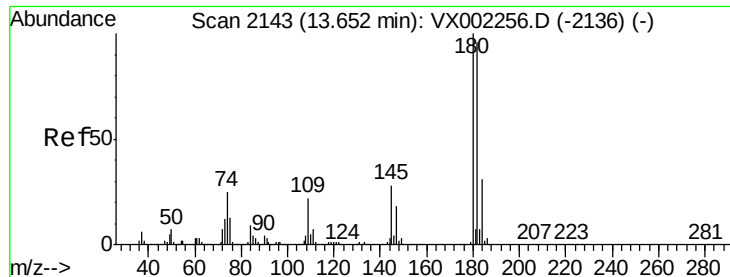


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

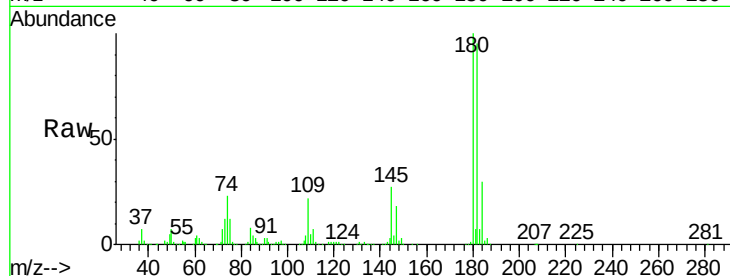




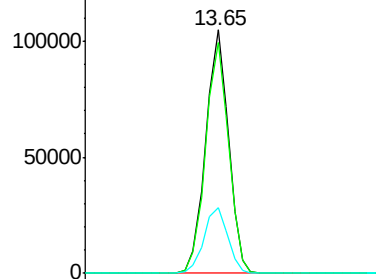
#93
 1,2,4-Trichlorobenzene
 Concen: 19.58 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

Instrument :
 MSVOA_X
 ClientSampled :
 VX0604WBS01

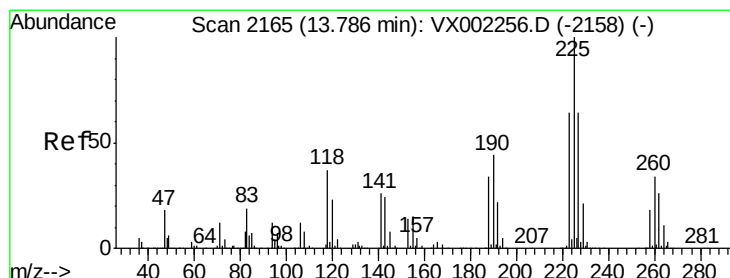
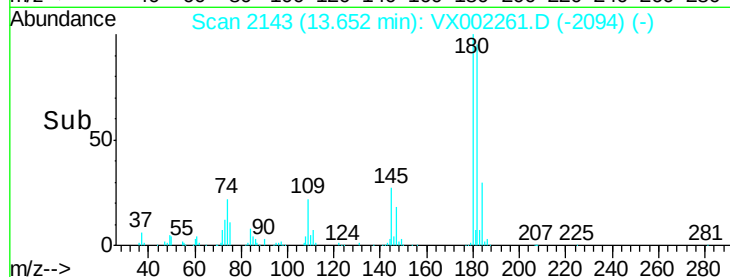
Tot Ion:180 Resp: 122295
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.7 143.1
 145 28.2 14.1 42.4



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

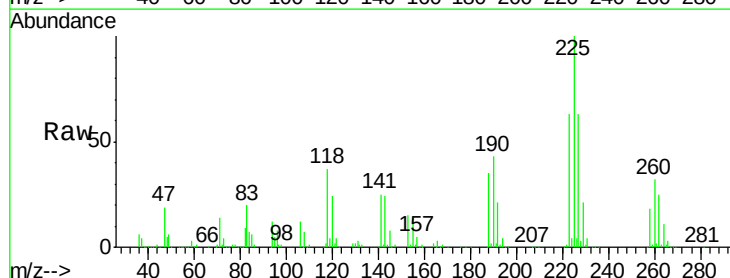


Time-->

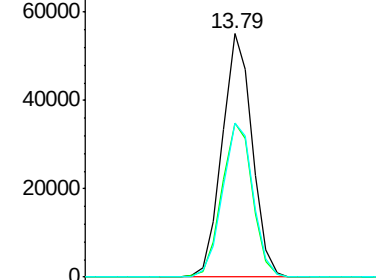


#94
 Hexachlorobutadiene
 Concen: 21.40 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002261.D
 Acq: 04 Jun 2018 15:41

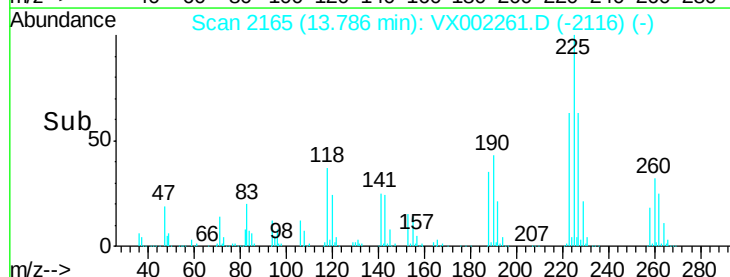
Tgt Ion:225 Resp: 66043
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.6 95.0
 227 64.4 32.4 97.2

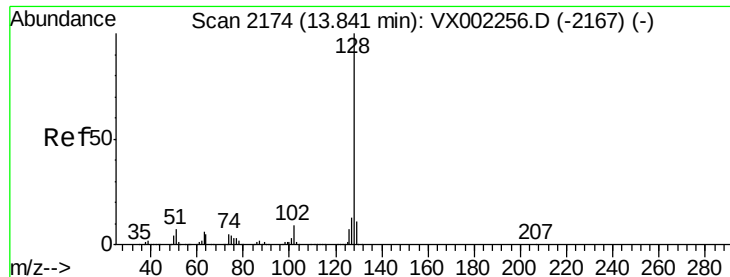


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 19.75 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VX0604WBS01

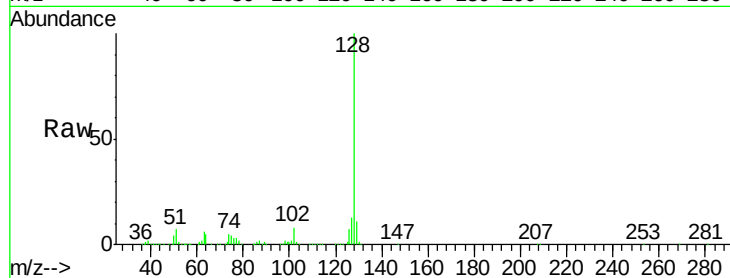
Tot Ion:128 Resp: 354364

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

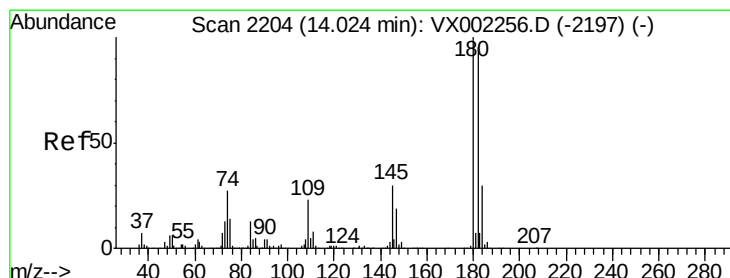
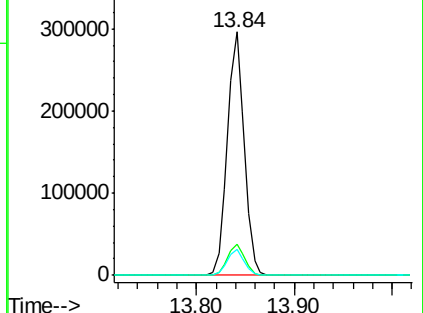
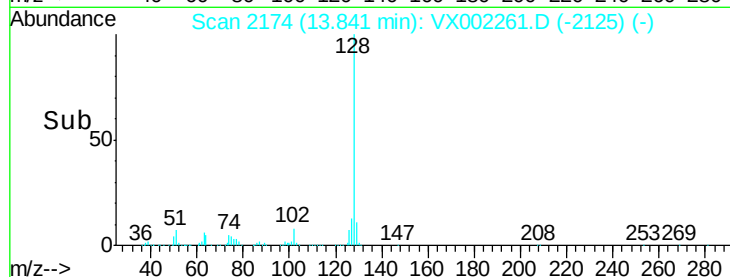
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.97 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002261.D

Acq: 04 Jun 2018 15:41

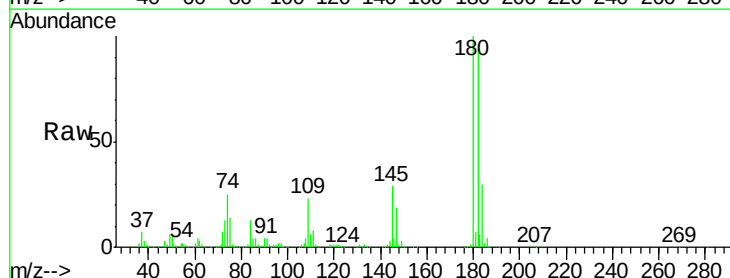
Tgt Ion:180 Resp: 127194

Ion Ratio Lower Upper

180 100

182 96.6 48.0 144.0

145 29.5 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

