

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
 Data File : VX007863.D
 Acq On : 06 Mar 2019 16:41
 Operator : JC/SP
 Sample : VX0306WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBS01

Quant Time: Mar 07 07:50:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	312927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	395595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199848	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	156557	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
35) Dibromofluoromethane	5.50	113	136384	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	8.71	98	514065	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.13	95	181346	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50421	18.860	ug/l	99
3) Chloromethane	1.33	50	61529	17.859	ug/l	100
4) Vinyl Chloride	1.41	62	63188	18.458	ug/l	99
5) Bromomethane	1.64	94	33913	20.443	ug/l	97
6) Chloroethane	1.73	64	39699	17.456	ug/l	98
7) Trichlorofluoromethane	1.93	101	81917	18.379	ug/l	98
8) Diethyl Ether	2.19	74	35201	18.238	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51782	18.748	ug/l	99
10) Methyl Iodide	2.51	142	75443	19.254	ug/l	99
11) Tert butyl alcohol	3.07	59	67190	91.015	ug/l	100
12) 1,1-Dichloroethene	2.38	96	48536	18.230	ug/l	99
13) Acrolein	2.30	56	39704	95.993	ug/l	99
14) Allyl chloride	2.73	41	101546	18.151	ug/l	99
15) Acrylonitrile	3.15	53	168204	90.269	ug/l	100
16) Acetone	2.45	43	167935	87.893	ug/l	99
17) Carbon Disulfide	2.57	76	152542	18.585	ug/l	98
18) Methyl Acetate	2.78	43	74303	18.305	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	171064	18.676	ug/l	99
20) Methylene Chloride	2.86	84	54709	17.991	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	52557	17.941	ug/l	99
22) Diisopropyl ether	3.87	45	192455	18.766	ug/l	100
23) Vinyl Acetate	3.82	43	840169	93.422	ug/l	100
24) 1,1-Dichloroethane	3.70	63	103442	18.743	ug/l	99
25) 2-Butanone	4.70	43	245535	90.770	ug/l	99
26) 2,2-Dichloropropane	4.59	77	64752	17.709	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	60052	17.914	ug/l	97
28) Bromochloromethane	5.02	49	53348	20.734	ug/l	97
29) Tetrahydrofuran	5.15	42	155805	92.339	ug/l	100
30) Chloroform	5.21	83	96816	18.545	ug/l	97
31) Cyclohexane	5.58	56	96625	19.050	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	79192	18.283	ug/l	100
36) 1,1-Dichloropropene	5.80	75	74482	18.377	ug/l	99
37) Ethyl Acetate	4.85	43	87941	18.284	ug/l	99
38) Carbon Tetrachloride	5.78	117	71552	18.596	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	95305	19.406	ug/l	96
40) Benzene	6.14	78	227990	18.895	ug/l	100
41) Methacrylonitrile	5.06	41	49058	18.708	ug/l	99
42) 1,2-Dichloroethane	6.20	62	74168	18.796	ug/l	99
43) Isopropyl Acetate	6.46	43	132598	18.628	ug/l	99
44) Trichloroethene	7.21	130	61912	18.619	ug/l	99
45) 1,2-Dichloropropane	7.52	63	60772	19.070	ug/l	99
46) Dibromomethane	7.66	93	38394	19.037	ug/l	99
47) Bromodichloromethane	7.90	83	71134	18.603	ug/l	99
48) Methyl methacrylate	7.77	41	69802	18.652	ug/l	99
49) 1,4-Dioxane	7.75	88	28011	364.358	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	439543	96.019	ug/l	100
52) Toluene	8.78	92	139648	18.957	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	72696	18.215	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	83904	18.617	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	57741	19.363	ug/l	98
56) Ethyl methacrylate	9.18	69	85819	19.167	ug/l	99
57) 1,3-Dichloropropane	9.37	76	95511	19.075	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	227173	98.086	ug/l	100
59) 2-Hexanone	9.49	43	337230	94.887	ug/l	99
60) Dibromochloromethane	9.59	129	58784	18.859	ug/l	99
61) 1,2-Dibromoethane	9.67	107	59467	18.782	ug/l	100
64) Tetrachloroethene	9.34	164	60587	18.481	ug/l	99
65) Chlorobenzene	10.14	112	152574	18.431	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	55640	18.754	ug/l	99
67) Ethyl Benzene	10.25	91	260233	19.097	ug/l	99
68) m/p-Xylenes	10.36	106	197798	37.659	ug/l	98
69) o-Xylene	10.69	106	96056	18.943	ug/l	99
70) Styrene	10.71	104	158970	19.158	ug/l	100
71) Bromoform	10.86	173	45532	17.871	ug/l	100
73) Isopropylbenzene	11.02	105	261863	19.374	ug/l	100
74) N-amyl acetate	10.90	43	113815	18.445	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	86051	18.457	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	94397	22.510	ug/l	92
77) Bromobenzene	11.26	156	68727	18.547	ug/l	100
78) n-propylbenzene	11.36	91	292553	19.511	ug/l	100
79) 2-Chlorotoluene	11.42	91	173312	18.904	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	215181	19.343	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22639	17.256	ug/l	92
82) 4-Chlorotoluene	11.51	91	199208	18.961	ug/l	100
83) tert-Butylbenzene	11.77	119	213292	19.034	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	219425	19.241	ug/l	100
85) sec-Butylbenzene	11.94	105	256785	19.457	ug/l	100
86) p-Isopropyltoluene	12.06	119	232705	19.689	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	121408	18.519	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121640	18.118	ug/l	99
89) n-Butylbenzene	12.39	91	194338	19.408	ug/l	99
90) Hexachloroethane	12.60	117	36639	18.541	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	121709	18.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17214	17.667	ug/l	100

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Quant Title : SW846 8260
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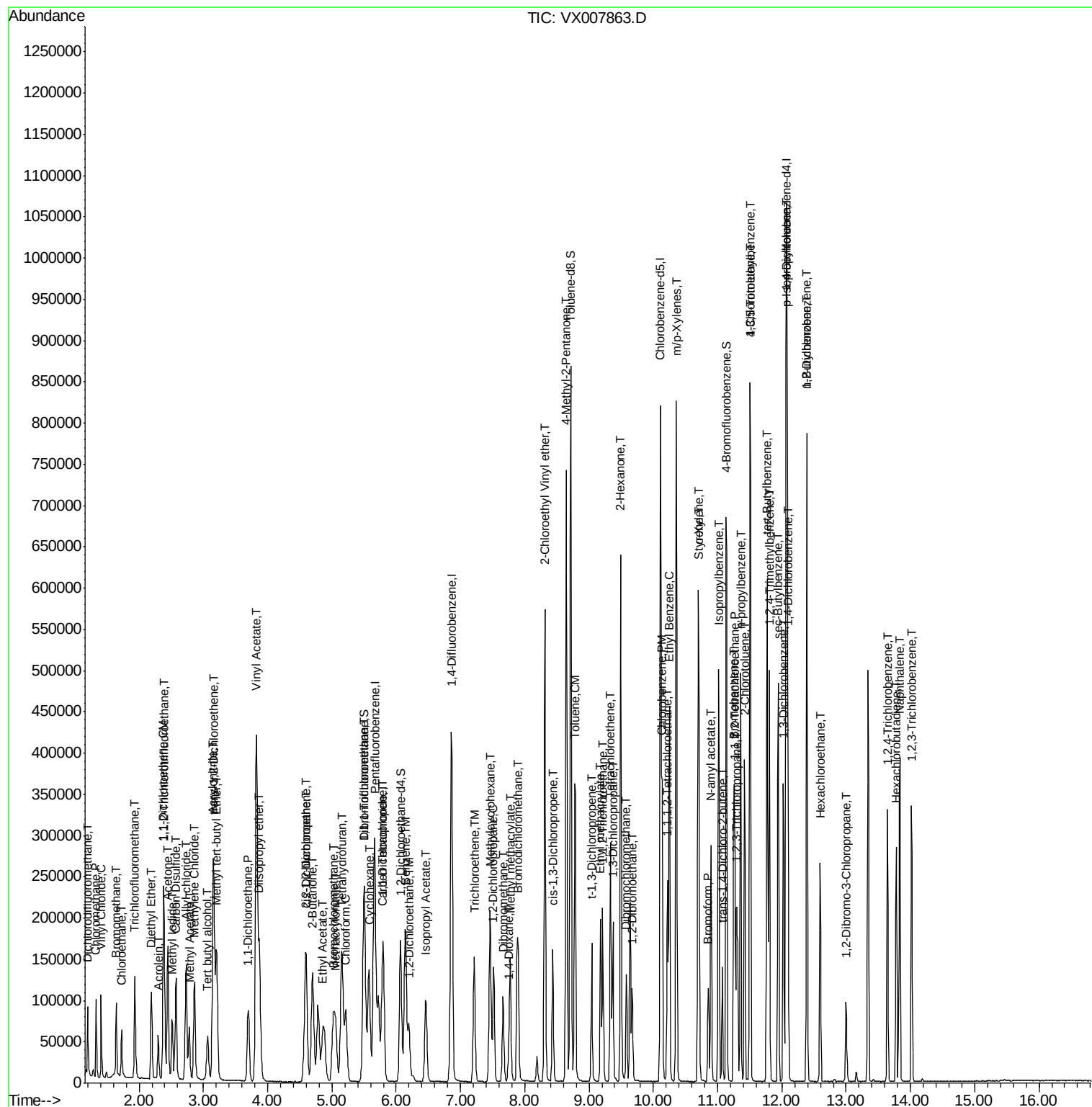
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85177	18.617	ug/l	99
94) Hexachlorobutadiene	13.78	225	46490	19.436	ug/l	99
95) Naphthalene	13.83	128	247088	18.744	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	85033	18.657	ug/l	98

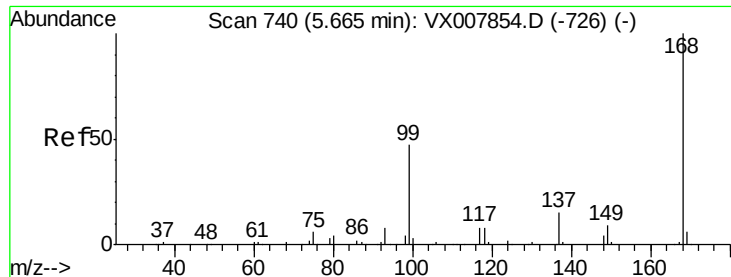
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

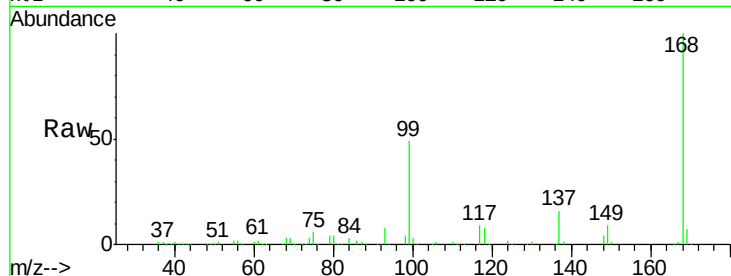
VX0306WBS01

Tgt Ion:168 Resp: 312927

Ion Ratio Lower Upper

168 100

99 48.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

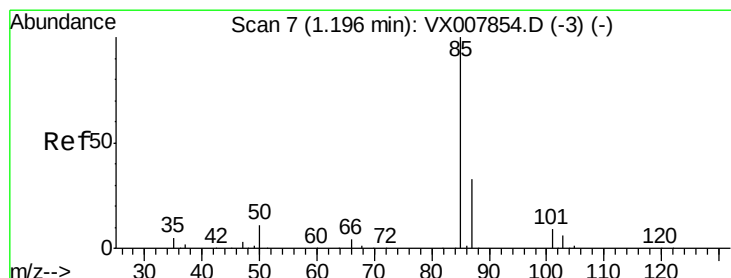
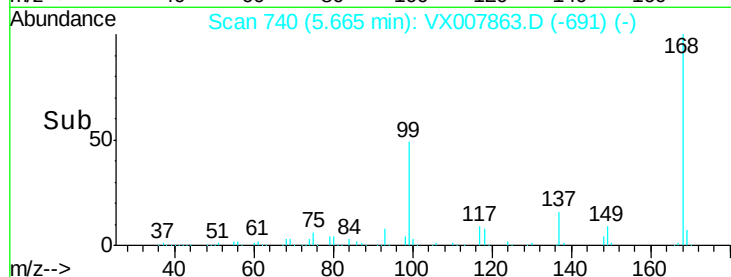
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.860 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007863.D

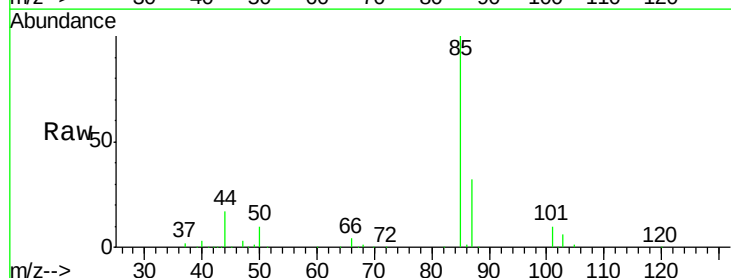
Acq: 06 Mar 2019 16:41

Tgt Ion: 85 Resp: 50421

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

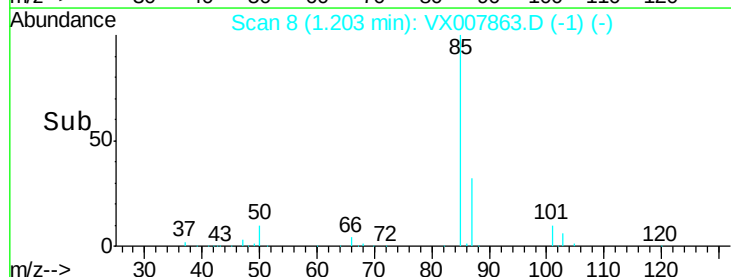
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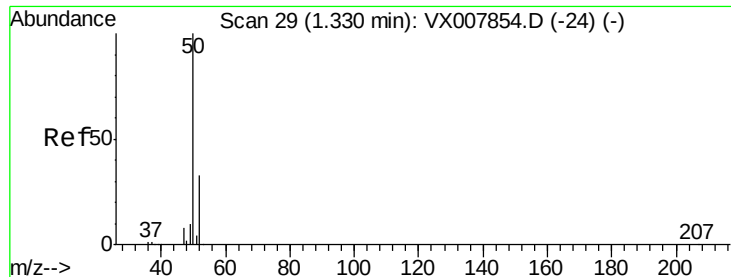
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0

Time-->

1.15 1.20 1.25 1.30

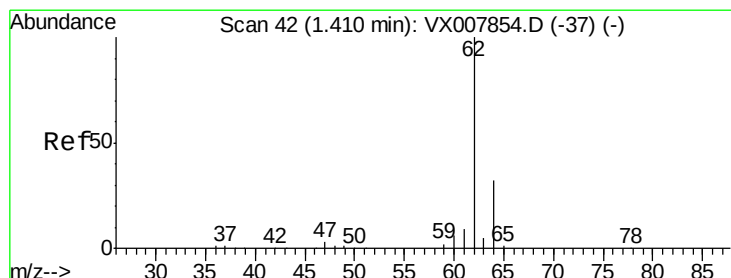
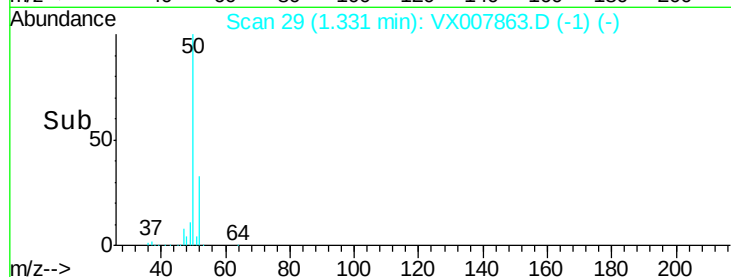
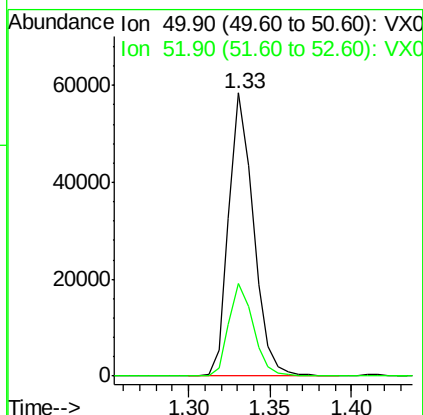
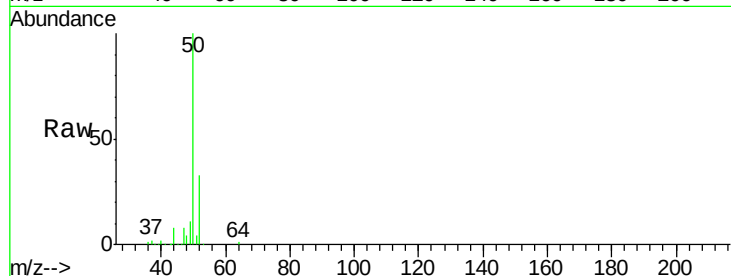




#3
Chloromethane
Concen: 17.859 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

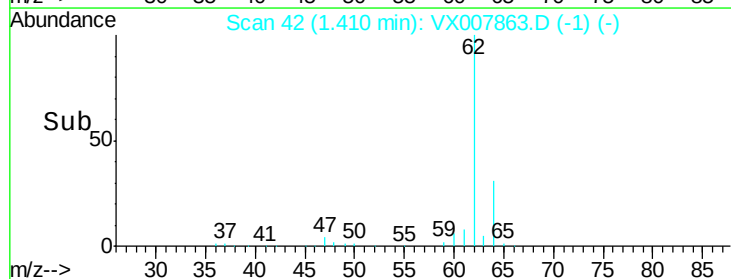
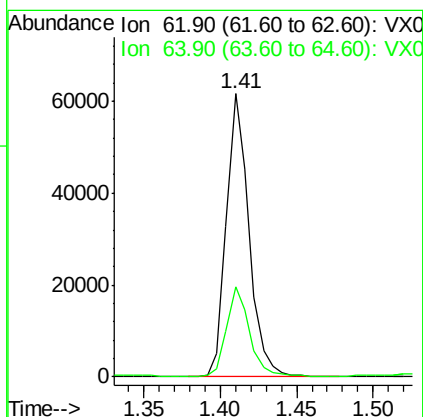
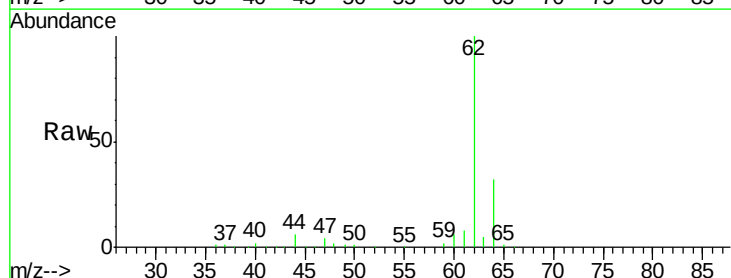
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

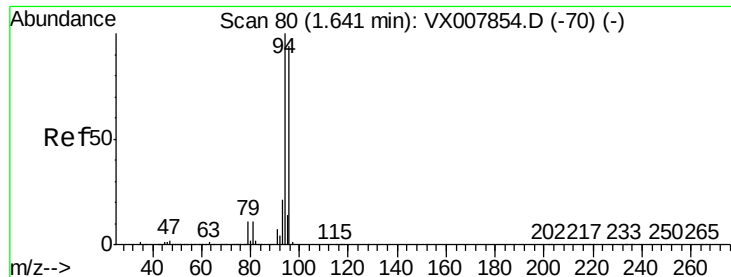
Tgt Ion: 50 Resp: 61529
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7



#4
Vinyl Chloride
Concen: 18.458 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Tgt Ion: 62 Resp: 63188
Ion Ratio Lower Upper
62 100
64 31.3 25.3 37.9





#5

Bromomethane

Concen: 20.443 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

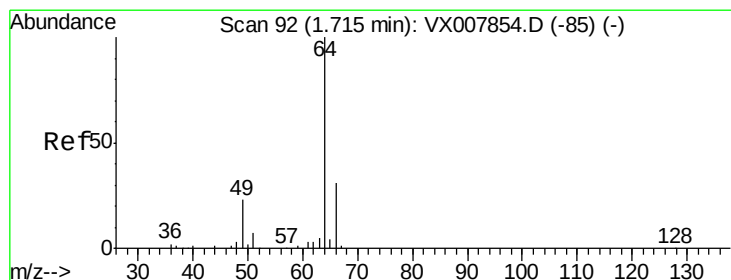
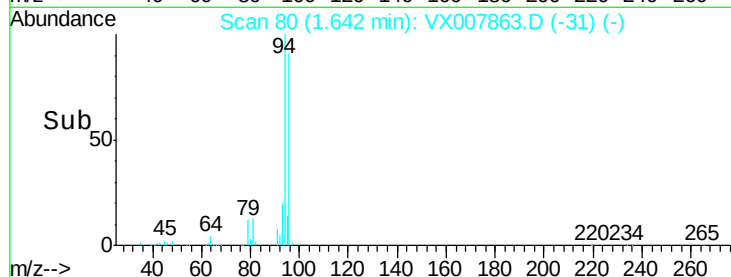
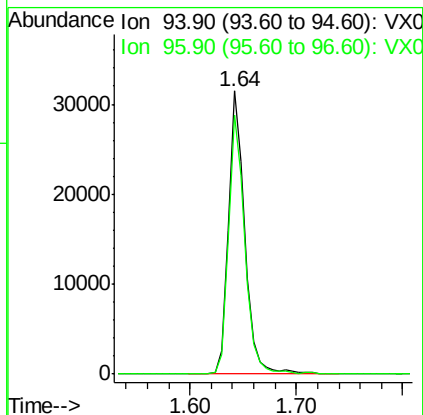
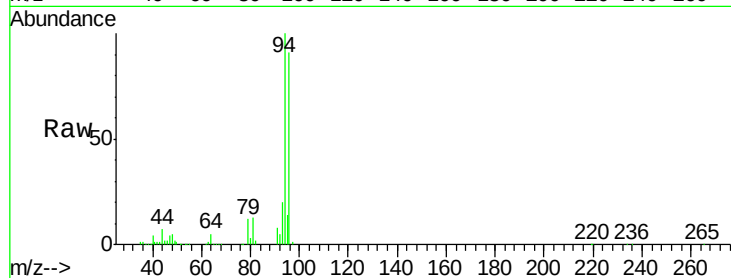
VX0306WBS01

Tgt Ion: 94 Resp: 33913

Ion Ratio Lower Upper

94 100

96 91.4 75.5 113.3



#6

Chloroethane

Concen: 17.456 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007863.D

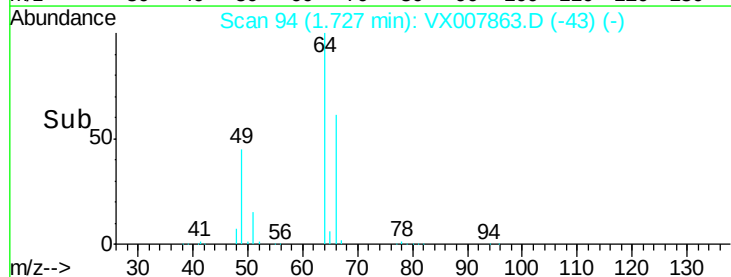
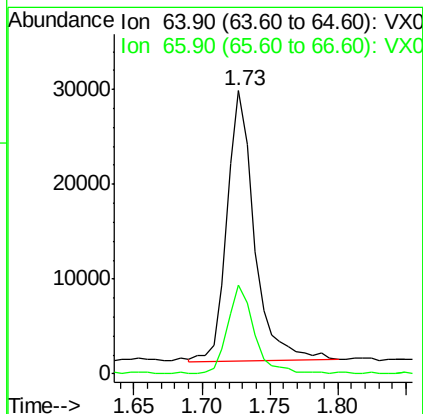
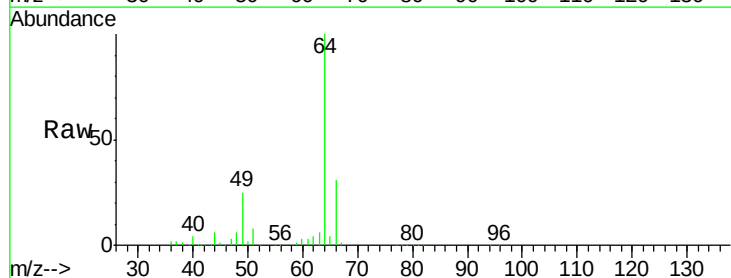
Acq: 06 Mar 2019 16:41

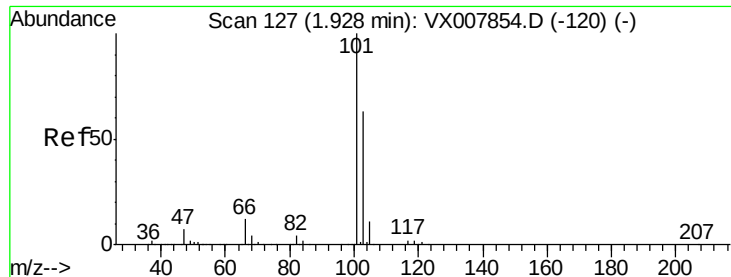
Tgt Ion: 64 Resp: 39699

Ion Ratio Lower Upper

64 100

66 32.8 25.2 37.8



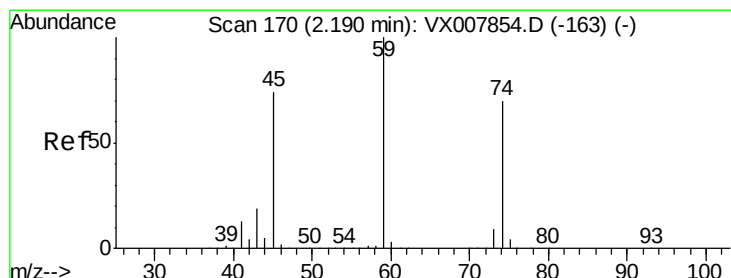
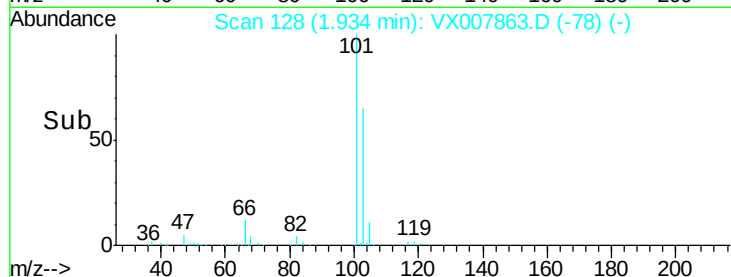
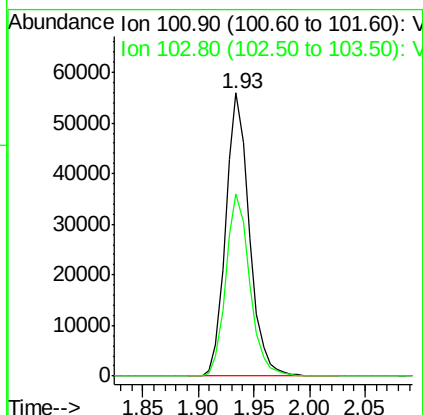
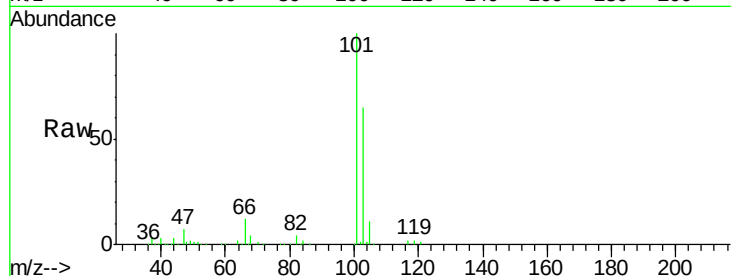


#7

Trichlorofluoromethane
Concen: 18.379 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

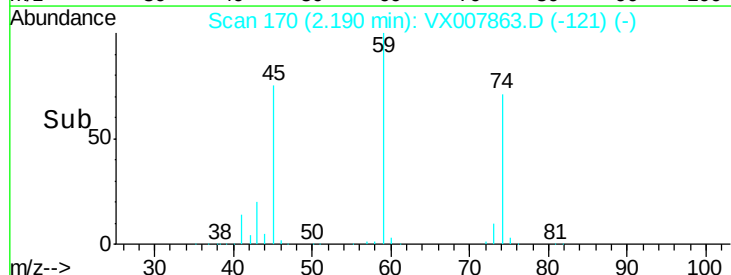
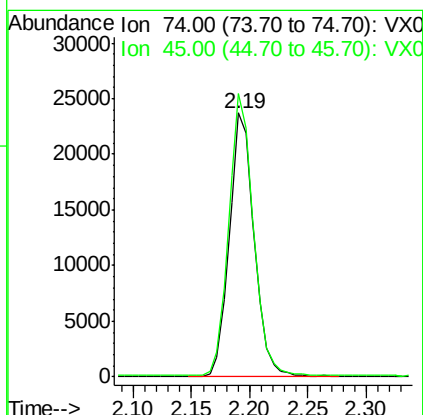
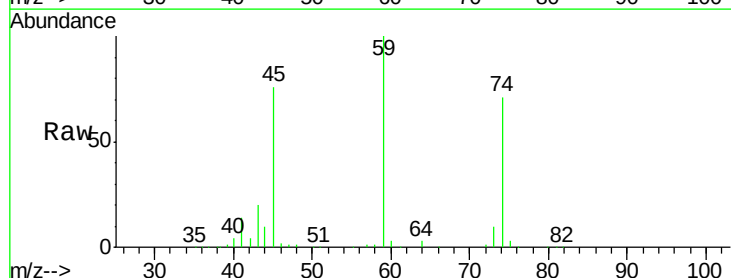
Tgt Ion:101 Resp: 81917
Ion Ratio Lower Upper
101 100
103 64.6 50.4 75.6

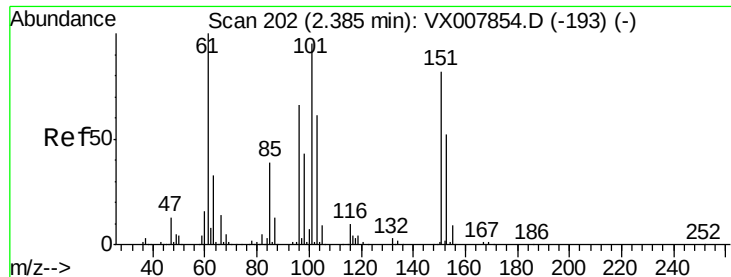


#8

Diethyl Ether
Concen: 18.238 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Tgt Ion: 74 Resp: 35201
Ion Ratio Lower Upper
74 100
45 105.6 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.748 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBS01

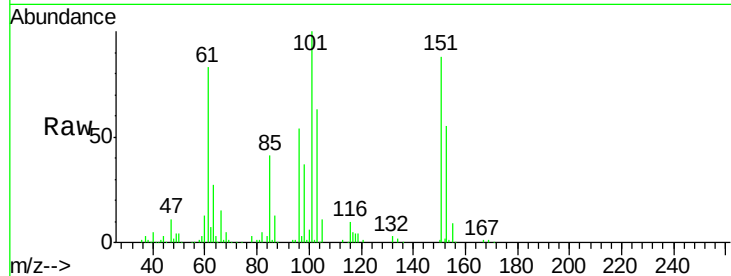
Tgt Ion:101 Resp: 51782

Ion Ratio Lower Upper

101 100

85 41.7 33.8 50.6

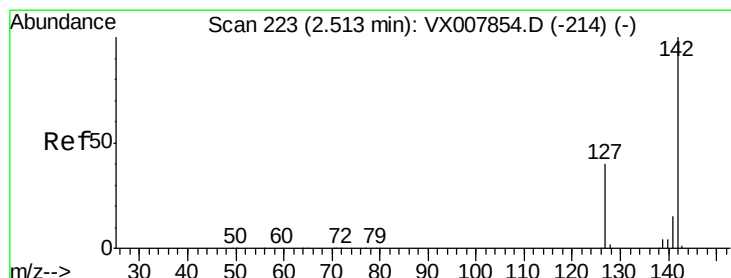
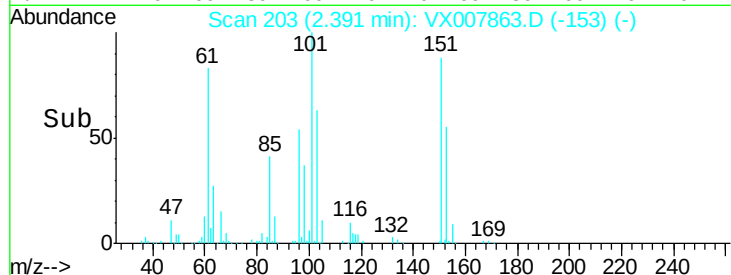
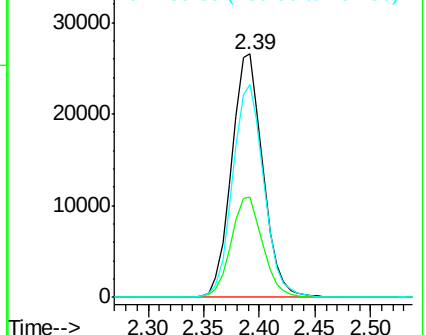
151 87.3 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.254 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

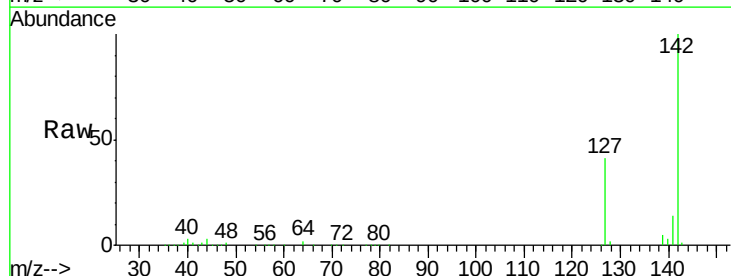
Tgt Ion:142 Resp: 75443

Ion Ratio Lower Upper

142 100

127 39.4 32.1 48.1

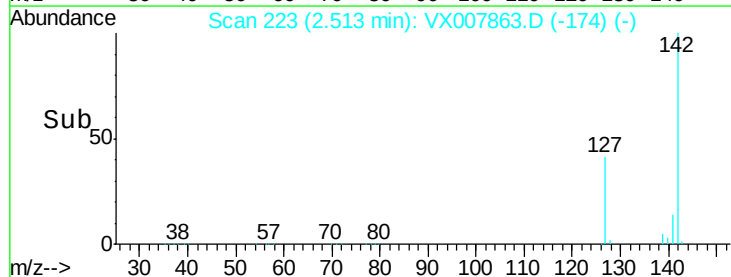
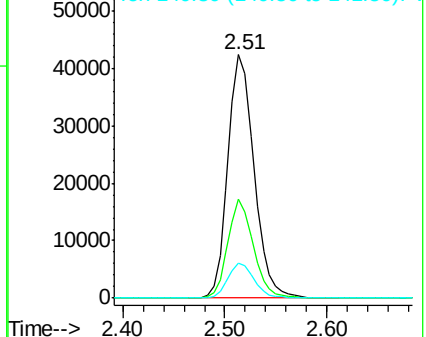
141 14.2 11.4 17.2

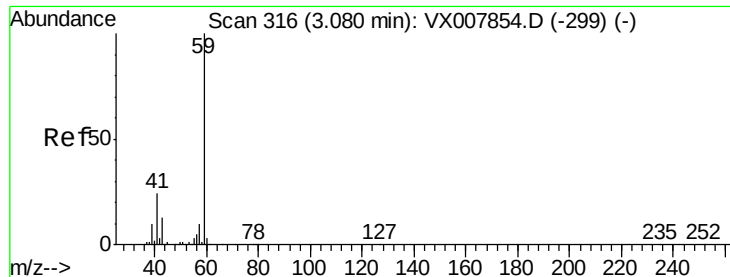


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

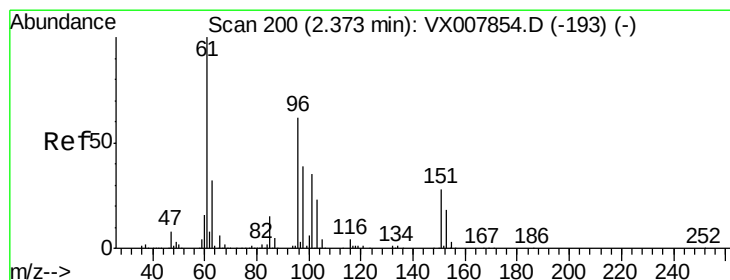
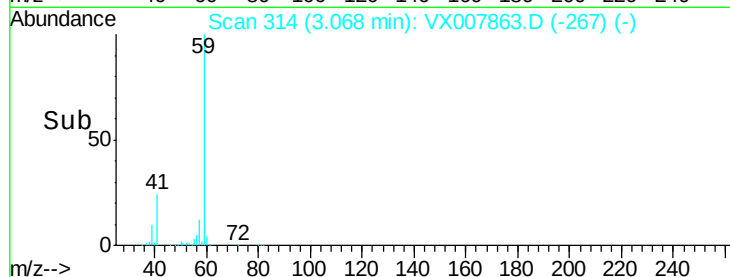
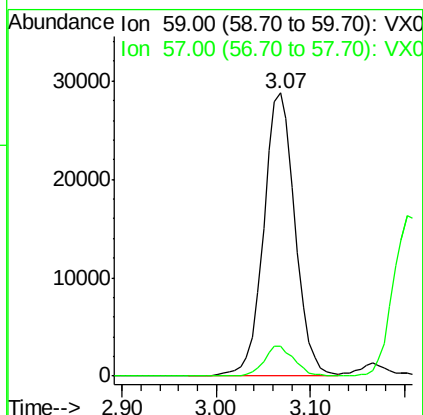
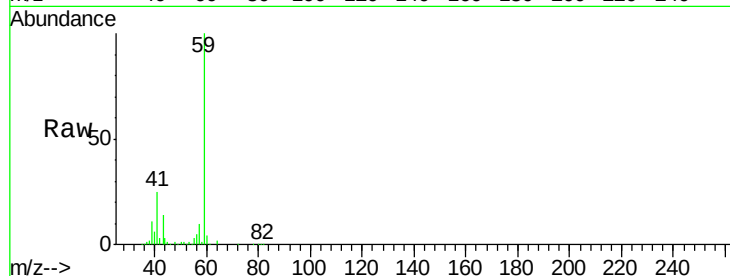




#11
Tert butyl alcohol
Concen: 91.015 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

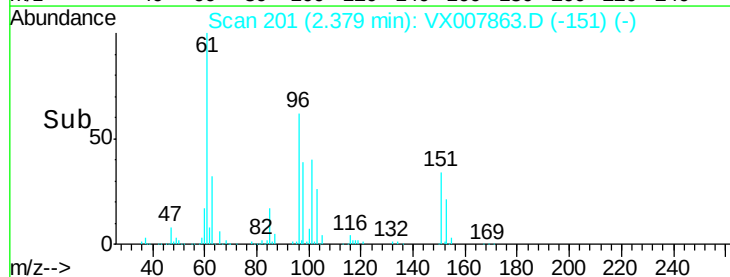
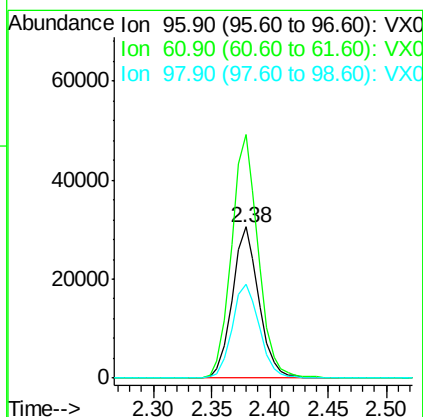
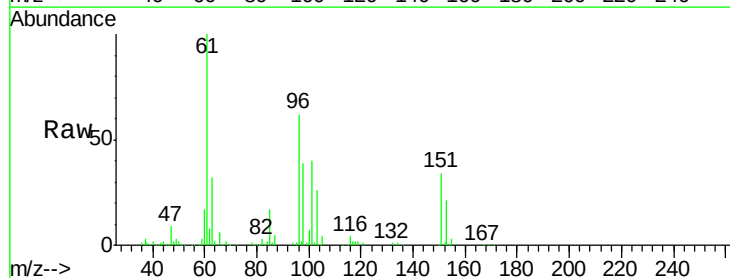
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

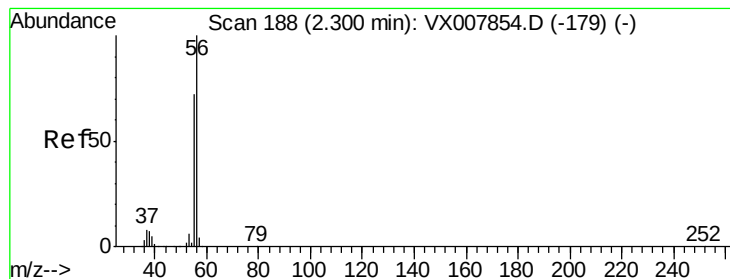
Tgt Ion: 59 Resp: 67190
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.230 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Tgt Ion: 96 Resp: 48536
Ion Ratio Lower Upper
96 100
61 160.9 129.8 194.6
98 62.4 51.0 76.6





#13

Acrolein

Concen: 95.993 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

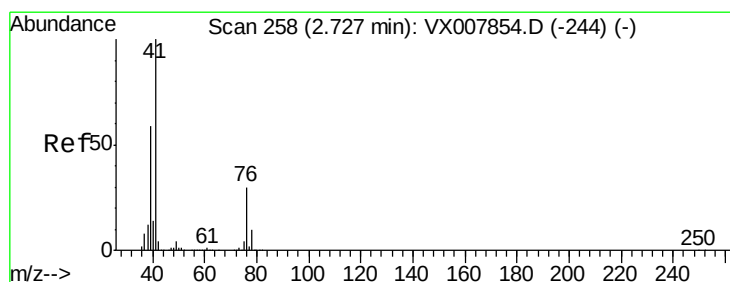
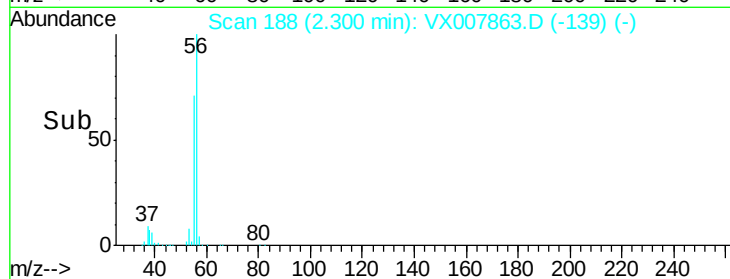
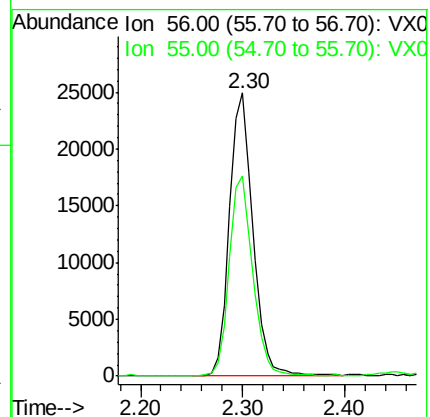
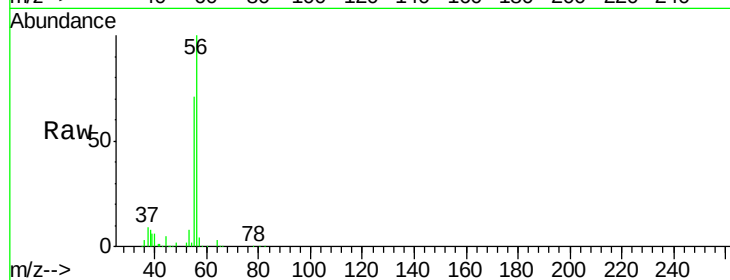
VX0306WBS01

Tgt Ion: 56 Resp: 39704

Ion Ratio Lower Upper

56 100

55 71.6 57.8 86.6



#14

Allyl chloride

Concen: 18.151 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

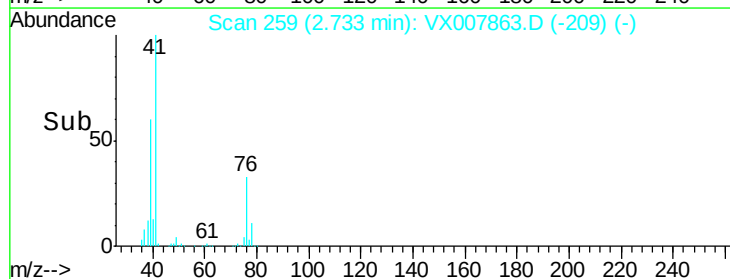
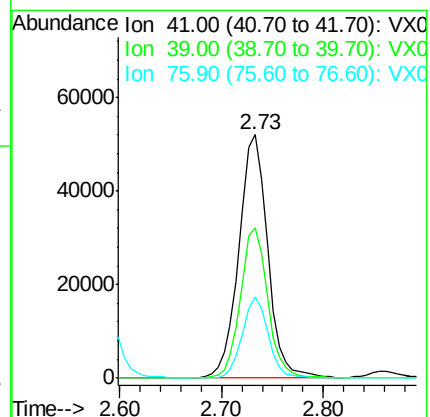
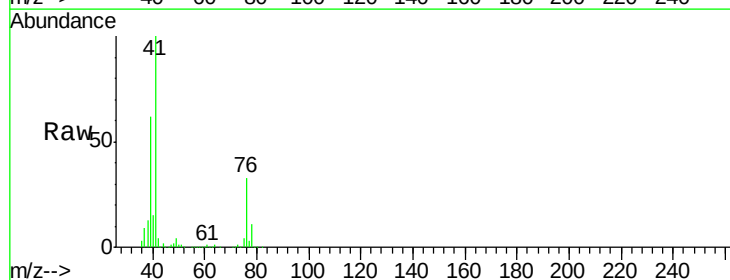
Tgt Ion: 41 Resp: 101546

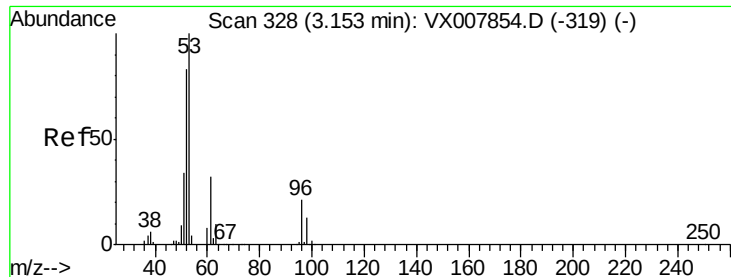
Ion Ratio Lower Upper

41 100

39 58.9 46.1 69.1

76 30.1 24.0 36.0





#15

Acrylonitrile

Concen: 90.269 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBS01

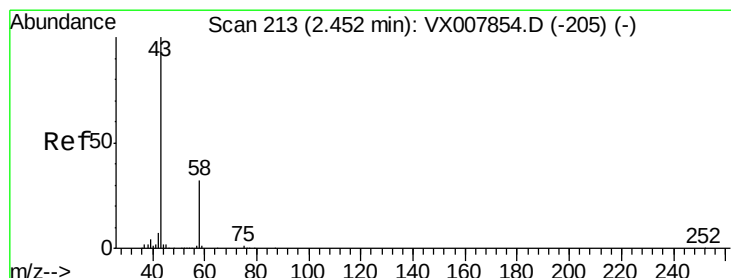
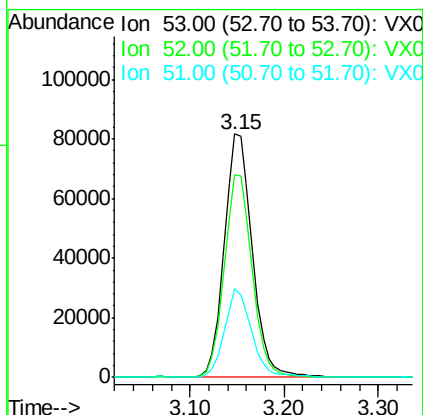
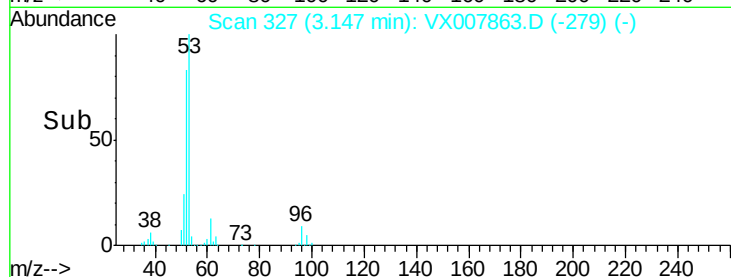
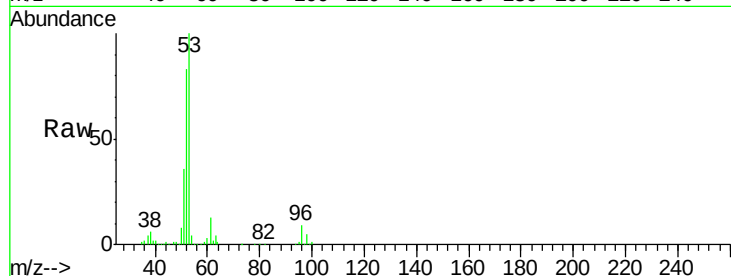
Tgt Ion: 53 Resp: 168204

Ion Ratio Lower Upper

53 100

52 82.8 66.0 99.0

51 35.2 28.0 42.0



#16

Acetone

Concen: 87.893 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007863.D

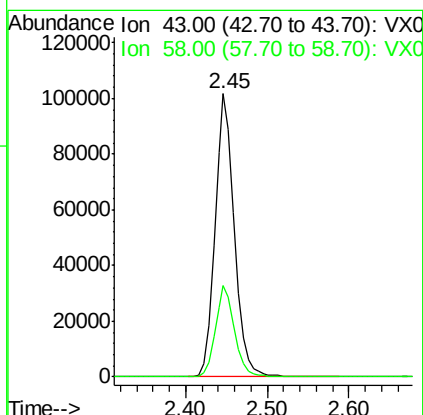
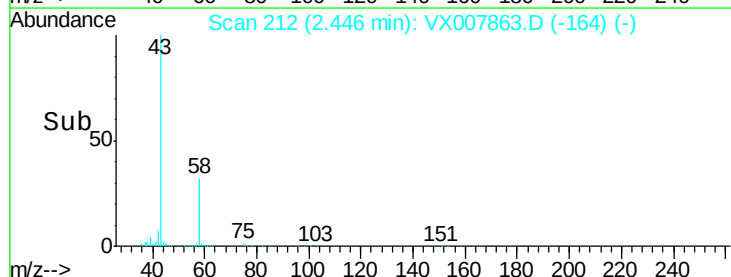
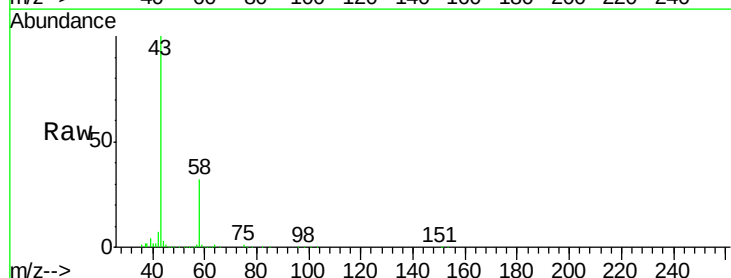
Acq: 06 Mar 2019 16:41

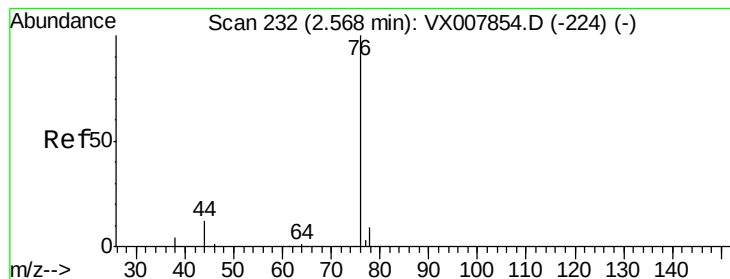
Tgt Ion: 43 Resp: 167935

Ion Ratio Lower Upper

43 100

58 32.5 25.5 38.3





#17

Carbon Disulfide

Concen: 18.585 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

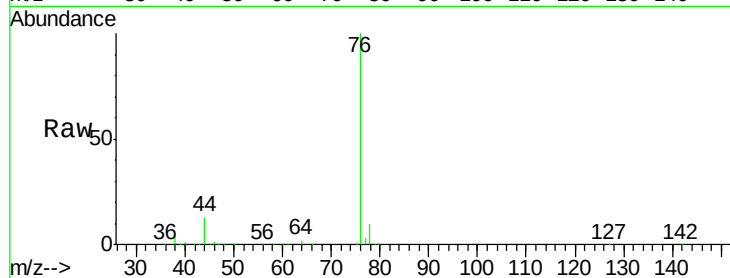
VX0306WBS01

Tgt Ion: 76 Resp: 152542

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

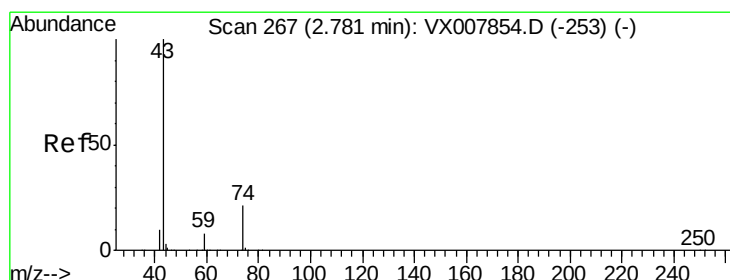
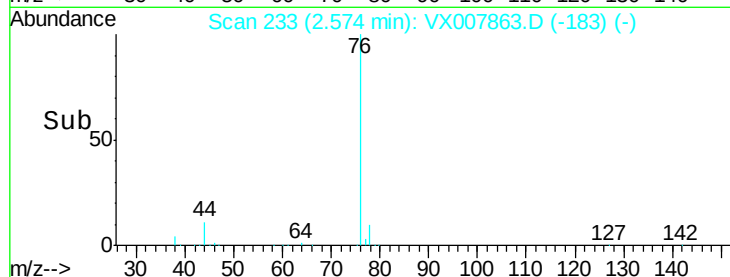
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 18.305 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007863.D

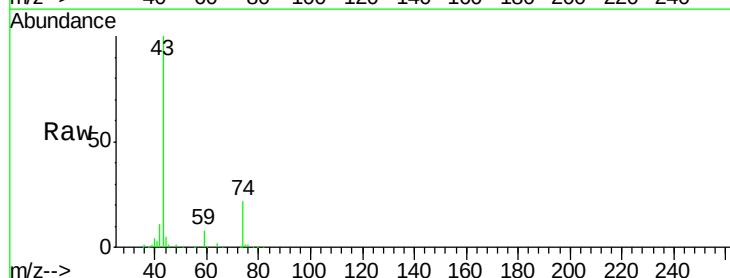
Acq: 06 Mar 2019 16:41

Tgt Ion: 43 Resp: 74303

Ion Ratio Lower Upper

43 100

74 22.4 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

40000

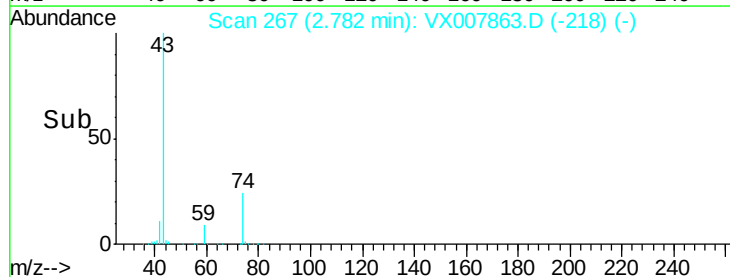
30000

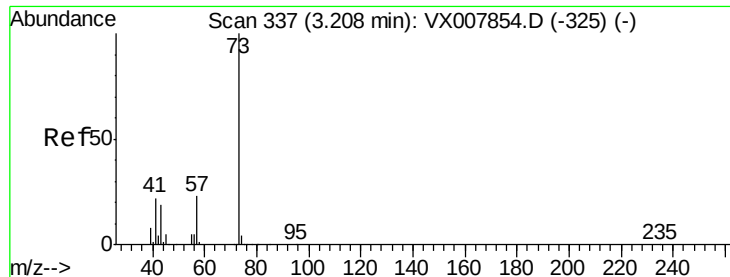
20000

10000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 18.676 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

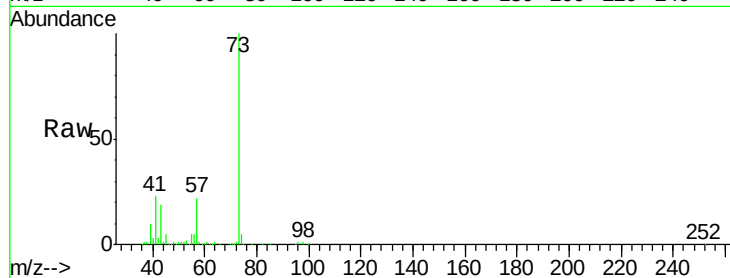
VX0306WBS01

Tgt Ion: 73 Resp: 171064

Ion Ratio Lower Upper

73 100

57 22.2 18.2 27.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

80000

60000

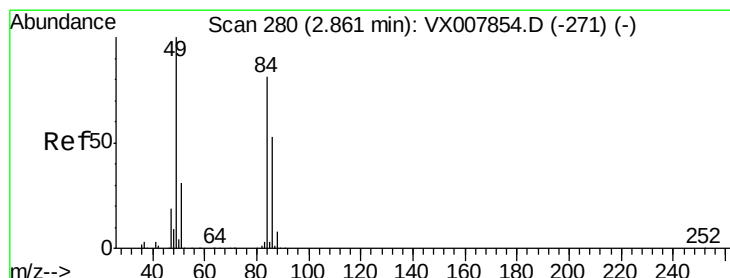
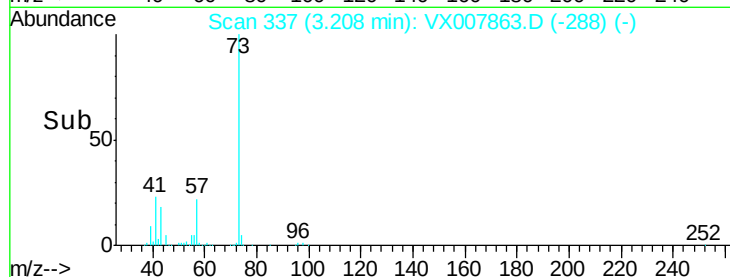
40000

20000

0

3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 17.991 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Tgt Ion: 84 Resp: 54709

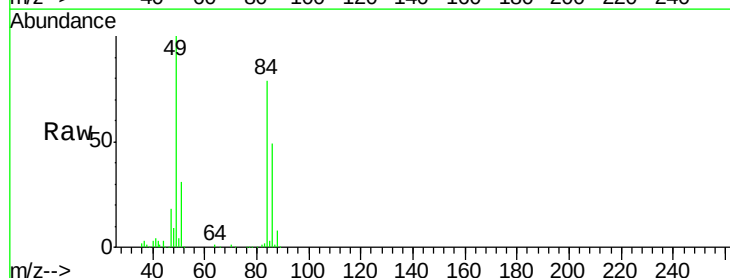
Ion Ratio Lower Upper

84 100

49 127.0 99.3 148.9

51 39.3 31.3 46.9

86 62.3 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

50000

40000

30000

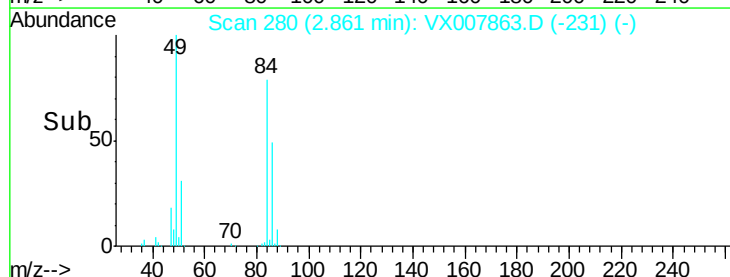
20000

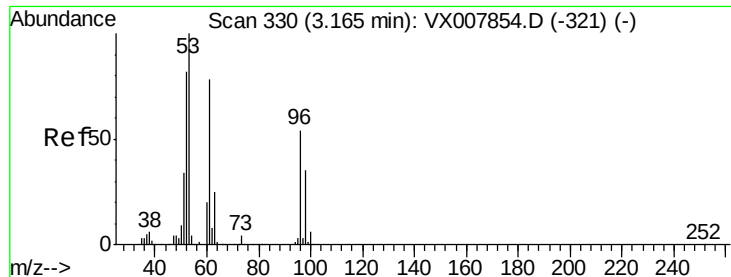
10000

0

2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 17.941 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampled :

VX0306WBS01

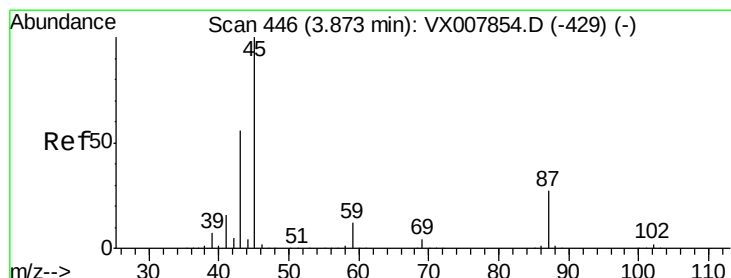
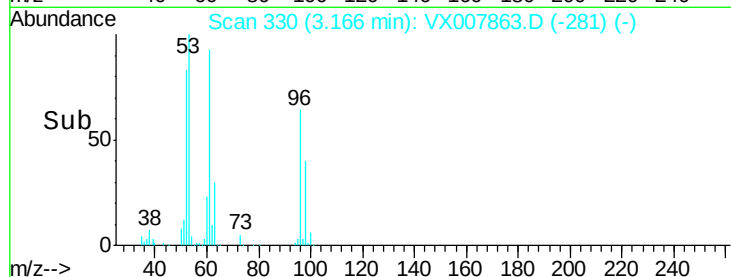
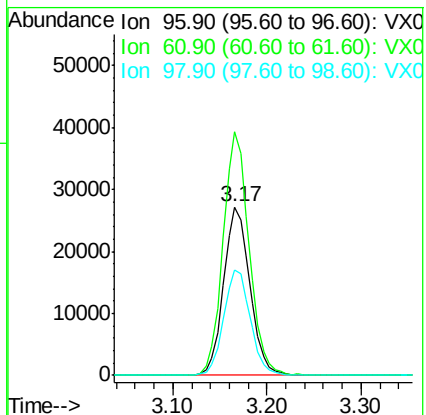
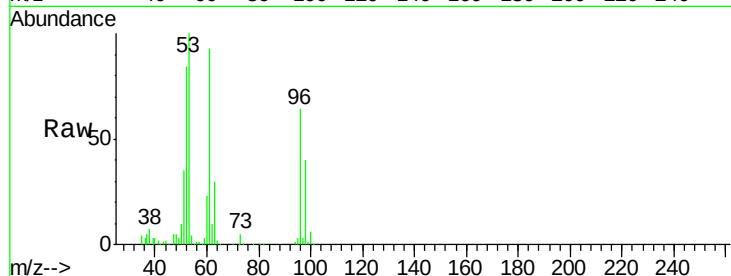
Tgt Ion: 96 Resp: 52557

Ion Ratio Lower Upper

96 100

61 144.3 114.4 171.6

98 62.4 51.1 76.7



#22

Diisopropyl ether

Concen: 18.766 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Tgt Ion: 45 Resp: 192455

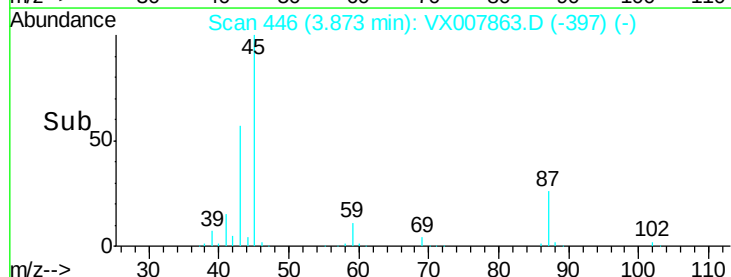
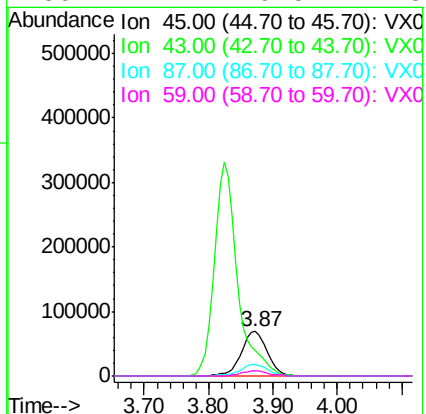
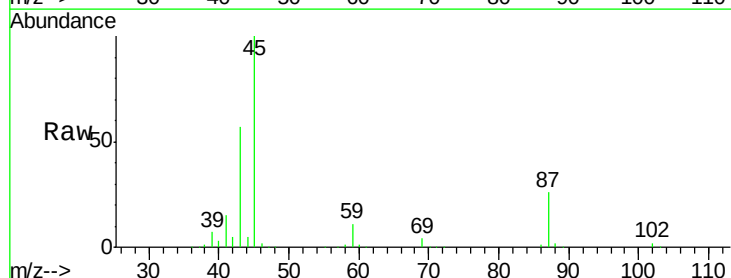
Ion Ratio Lower Upper

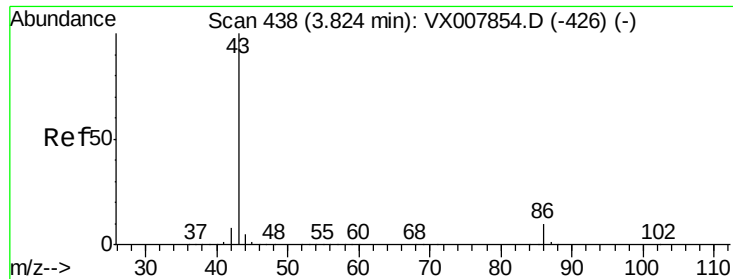
45 100

43 56.7 45.3 67.9

87 26.2 21.4 32.0

59 11.4 9.5 14.3





#23

Vinyl Acetate

Concen: 93.422 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

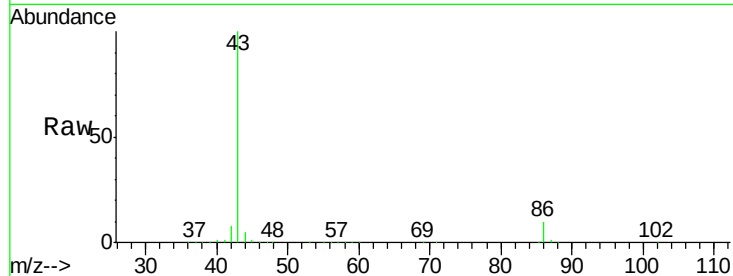
VX0306WBS01

Tgt Ion: 43 Resp: 840169

Ion Ratio Lower Upper

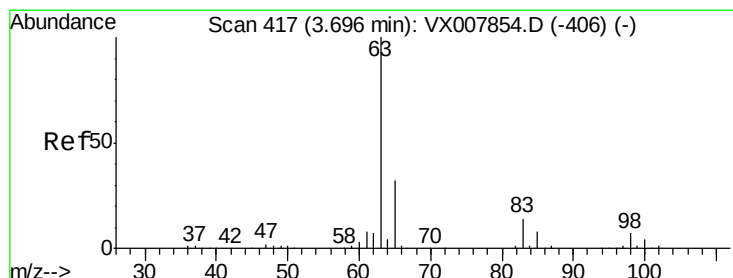
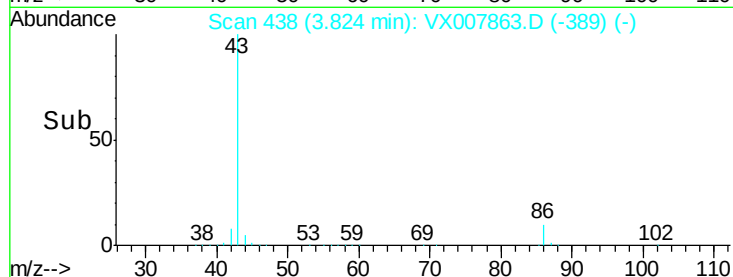
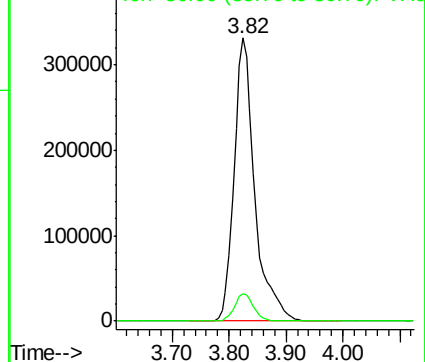
43 100

86 9.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.743 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

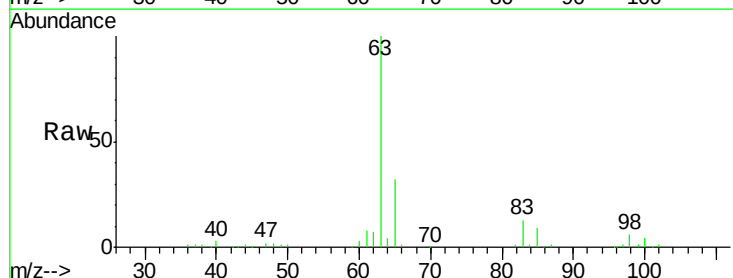
Tgt Ion: 63 Resp: 103442

Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

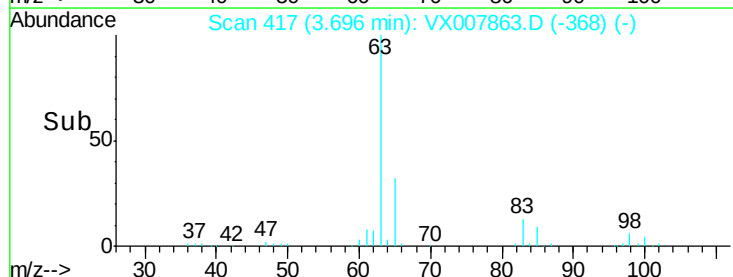
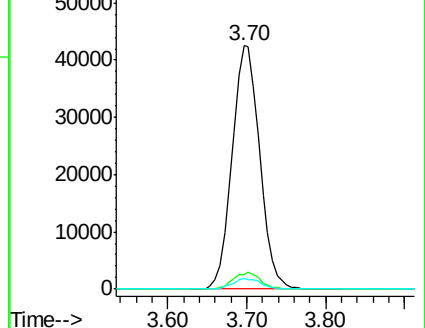
100 4.1 2.3 6.8

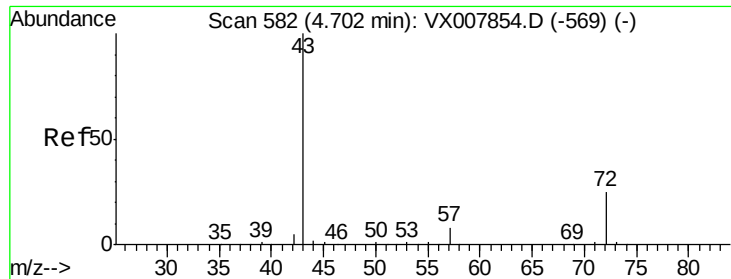


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 90.770 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

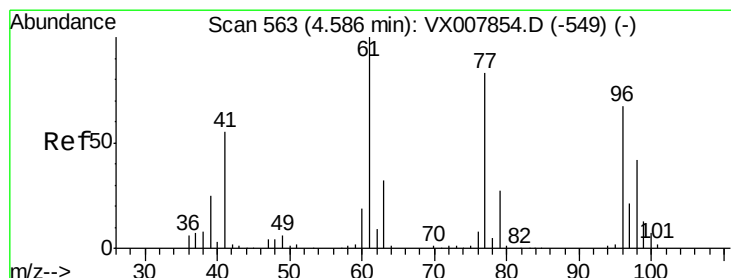
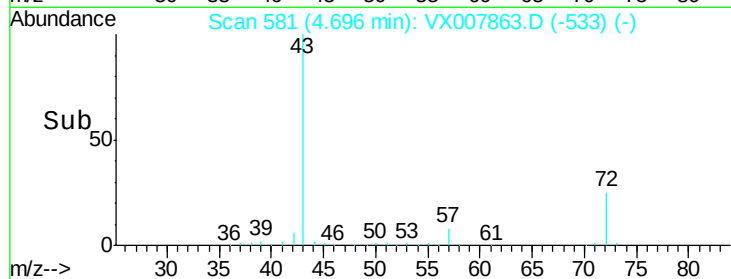
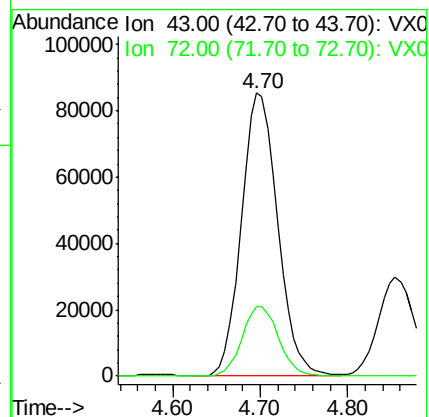
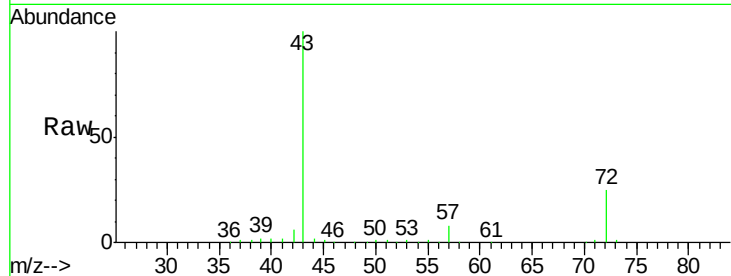
VX0306WBS01

Tgt Ion: 43 Resp: 245535

Ion Ratio Lower Upper

43 100

72 24.6 19.9 29.9



#26

2,2-Dichloropropane

Concen: 17.709 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007863.D

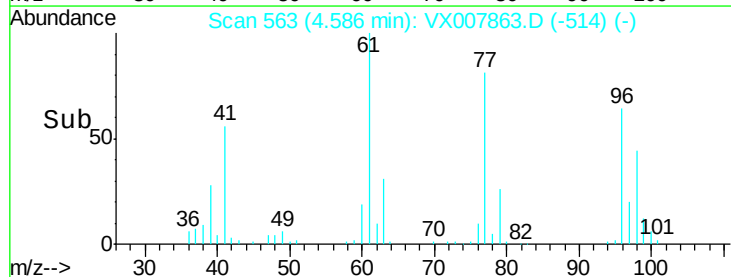
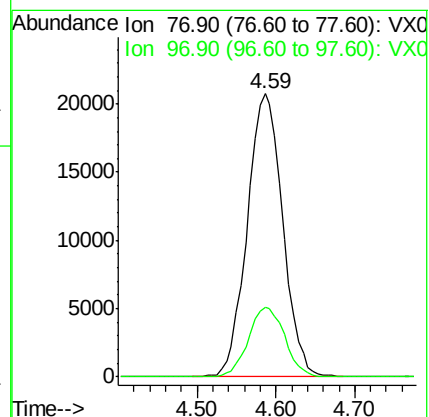
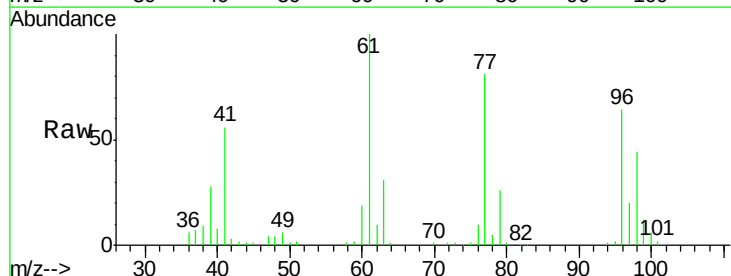
Acq: 06 Mar 2019 16:41

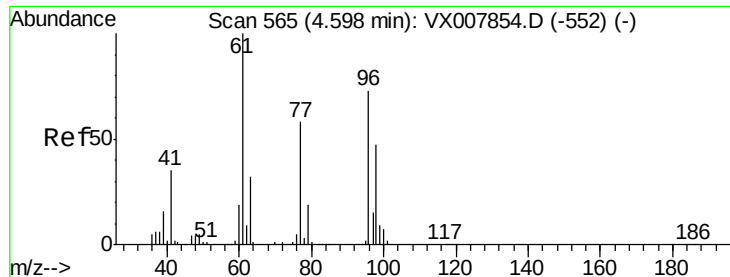
Tgt Ion: 77 Resp: 64752

Ion Ratio Lower Upper

77 100

97 25.2 12.2 36.6



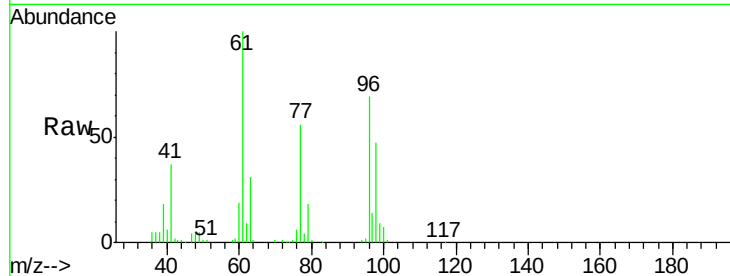


#27

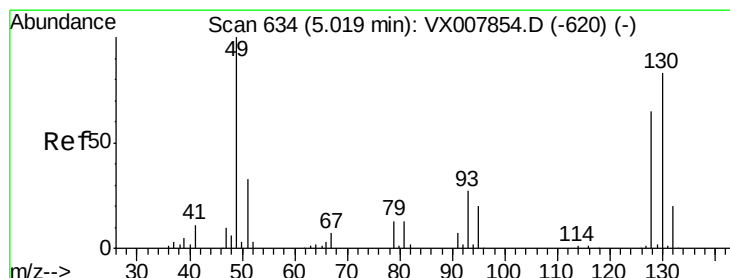
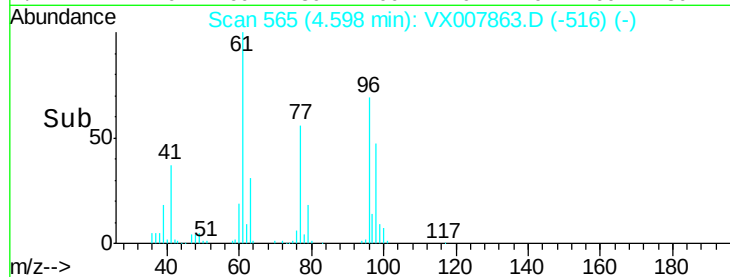
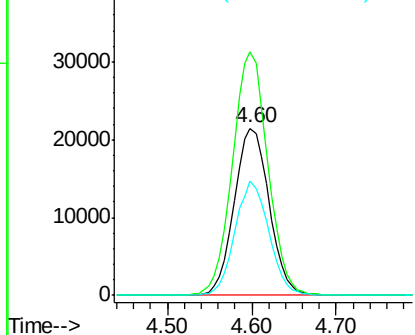
cis-1,2-Dichloroethene
Concen: 17.914 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tgt Ion: 96 Resp: 60052
Ion Ratio Lower Upper
96 100
61 148.1 0.0 288.0
98 66.5 0.0 129.0



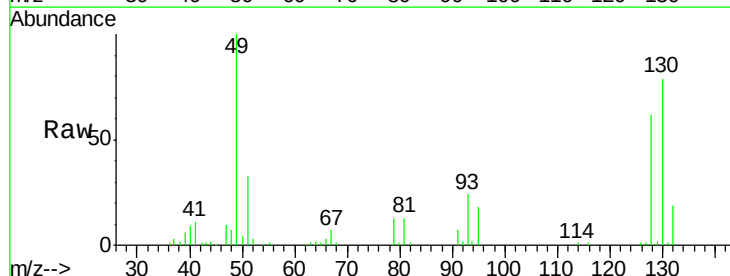
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



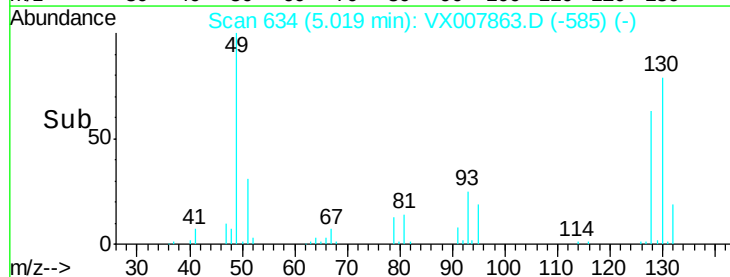
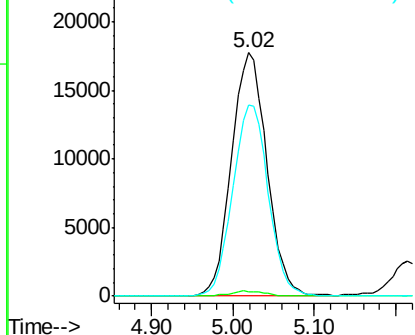
#28

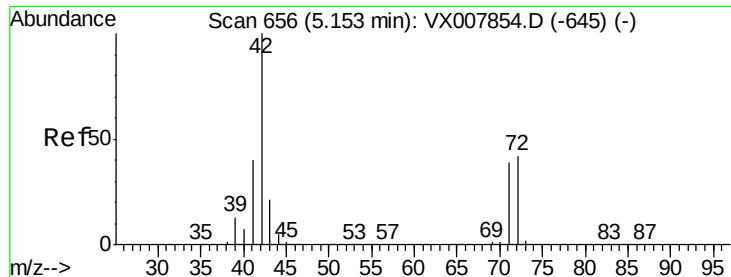
Bromochloromethane
Concen: 20.734 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Tgt Ion: 49 Resp: 53348
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 78.9 65.0 97.4



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

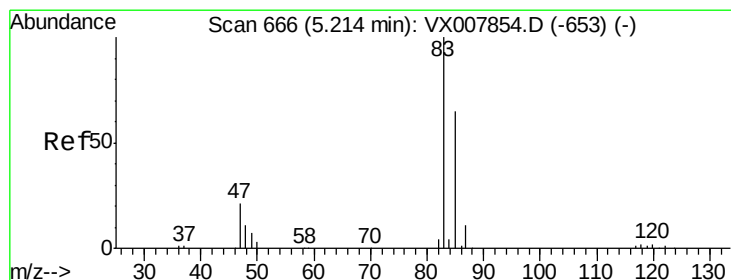
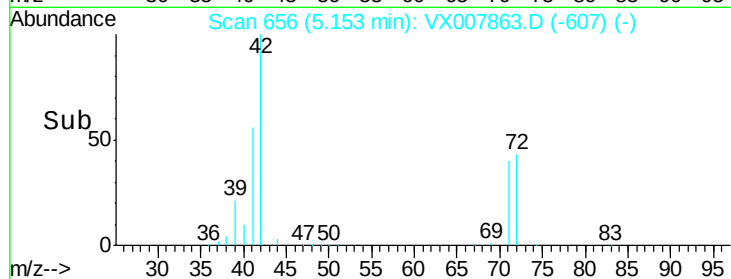
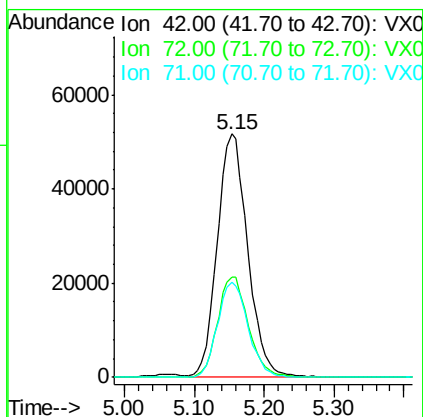
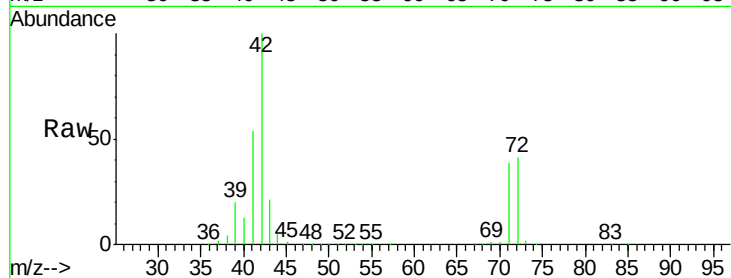




#29
Tetrahydrofuran
Concen: 92.339 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

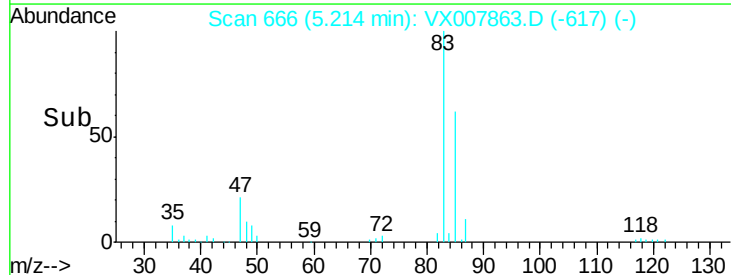
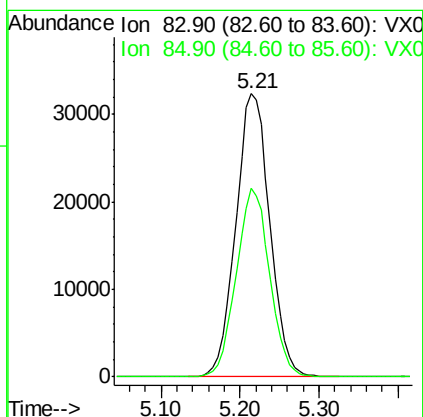
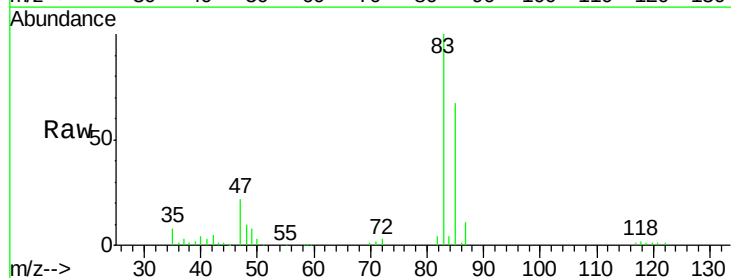
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

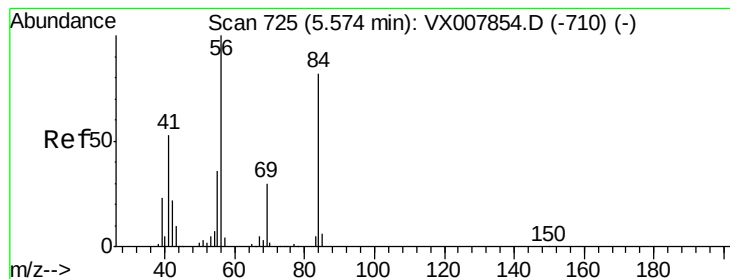
Tgt Ion: 42 Resp: 155805
Ion Ratio Lower Upper
42 100
72 41.9 33.8 50.6
71 39.3 31.5 47.3



#30
Chloroform
Concen: 18.545 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Tgt Ion: 83 Resp: 96816
Ion Ratio Lower Upper
83 100
85 66.8 51.8 77.6





#31

Cyclohexane

Concen: 19.050 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampled :

VX0306WBS01

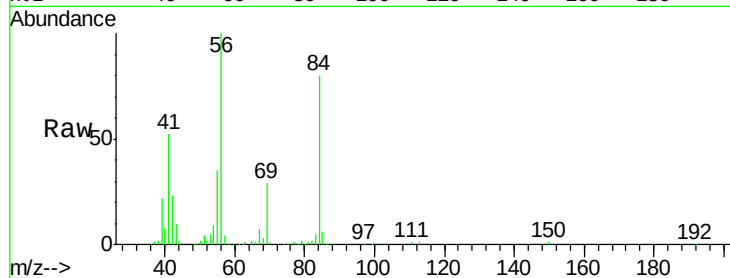
Tgt Ion: 56 Resp: 96625

Ion Ratio Lower Upper

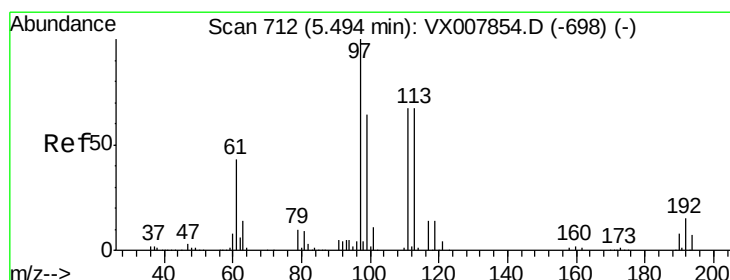
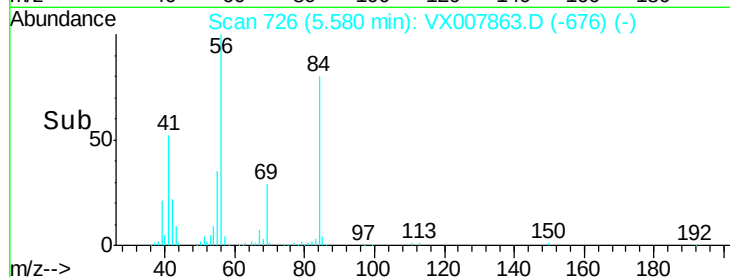
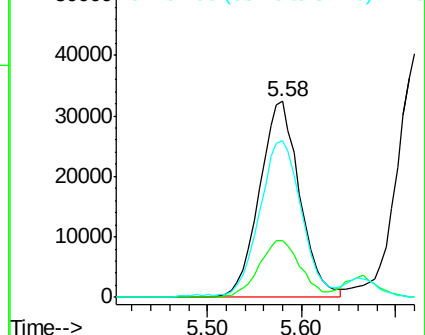
56 100

69 29.1 24.0 36.0

84 78.7 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.283 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

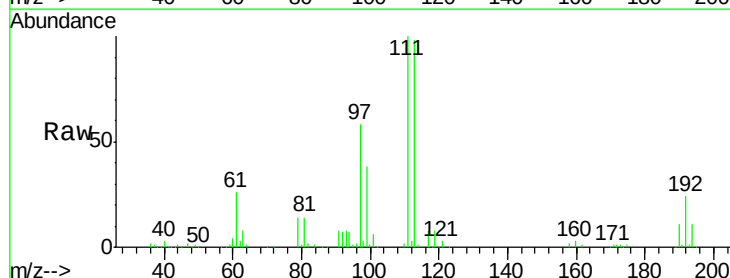
Tgt Ion: 97 Resp: 79192

Ion Ratio Lower Upper

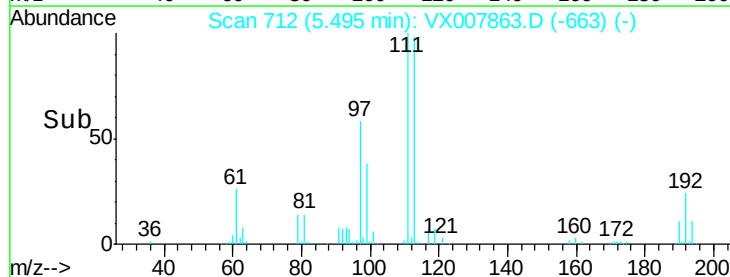
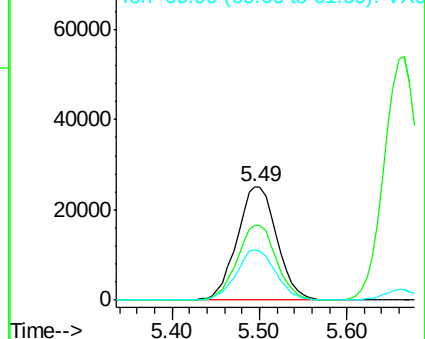
97 100

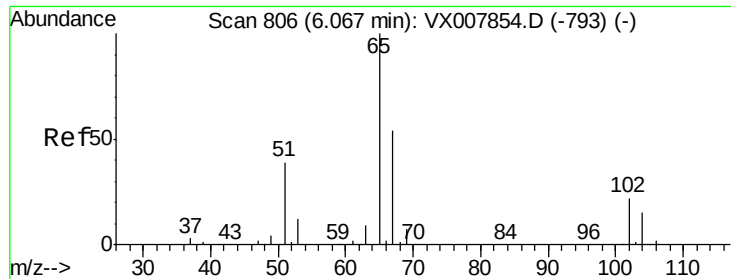
99 65.1 52.2 78.2

61 44.1 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

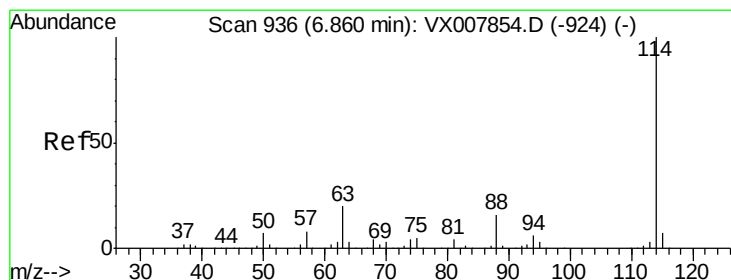
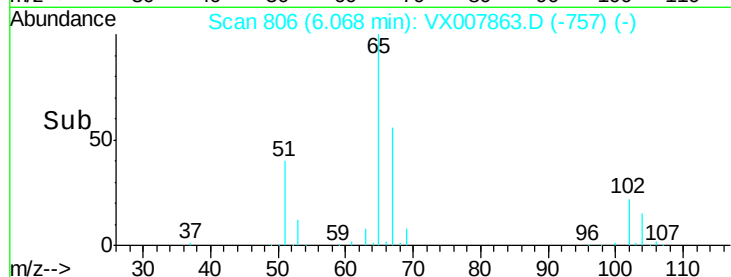
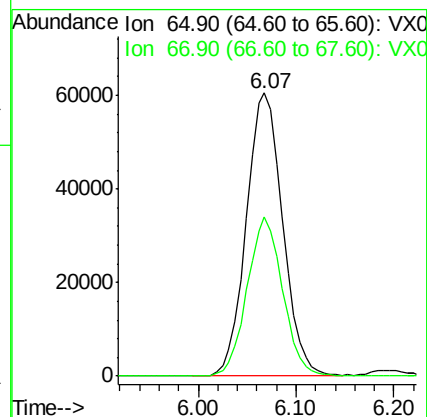
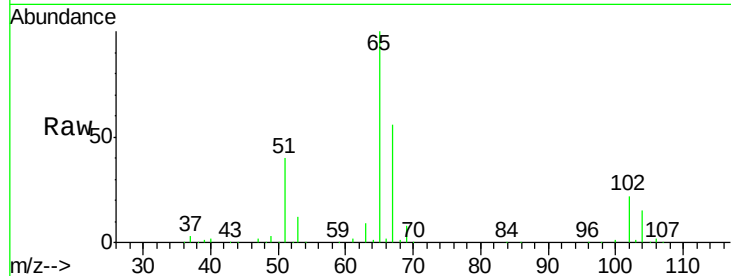




#33
 1,2-Dichloroethane-d4
 Concen: 47.426 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007863.D
 Acq: 06 Mar 2019 16:41

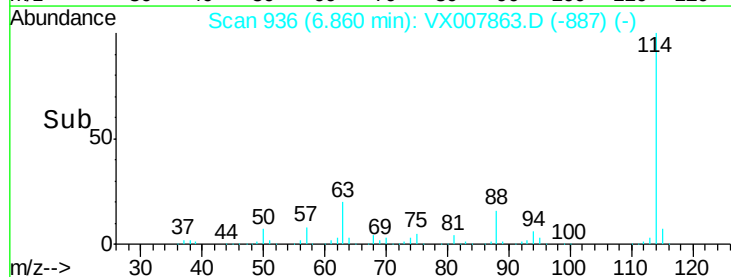
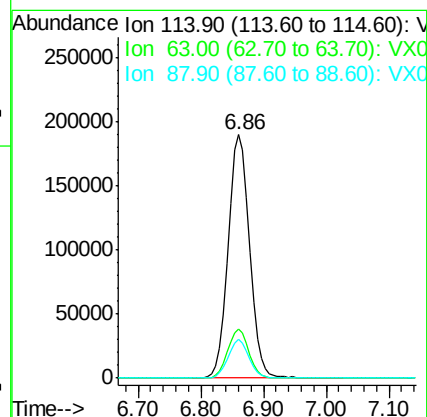
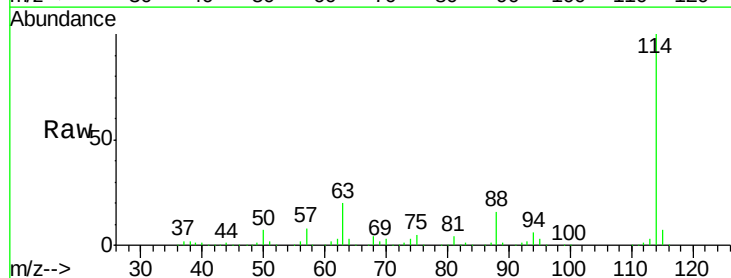
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBS01

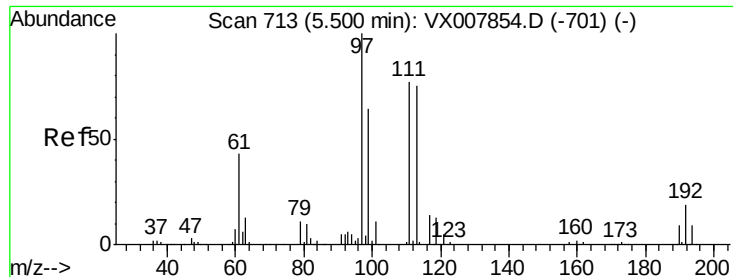
Tgt Ion: 65 Resp: 156557
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007863.D
 Acq: 06 Mar 2019 16:41

Tgt Ion: 114 Resp: 447607
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.7 0.0 31.4

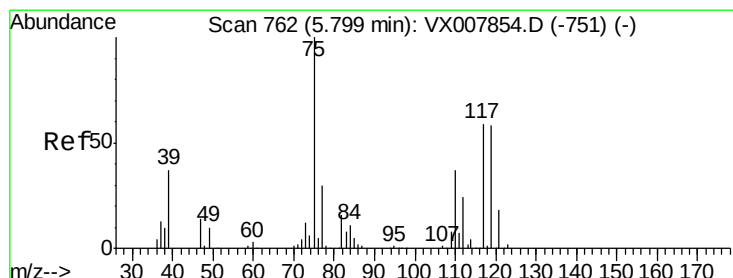
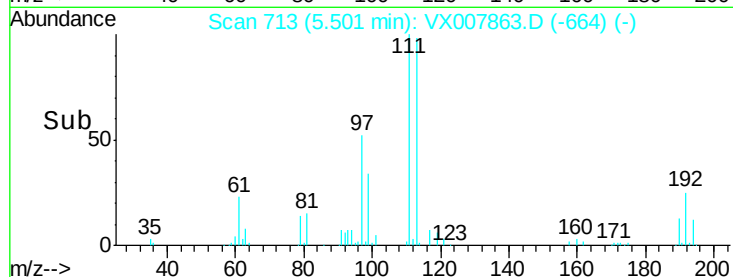
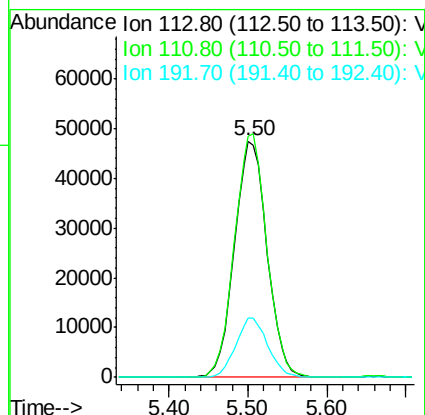
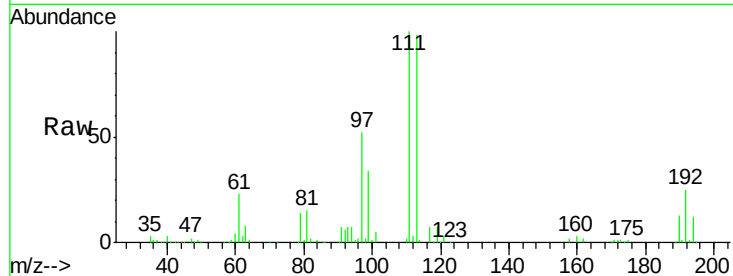




#35
 Dibromofluoromethane
 Concen: 47.634 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007863.D
 Acq: 06 Mar 2019 16:41

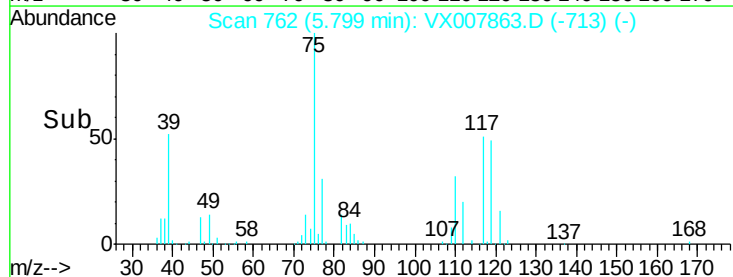
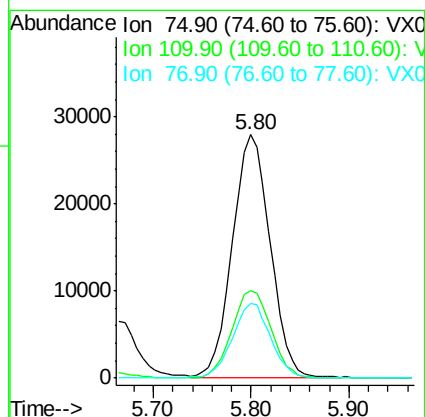
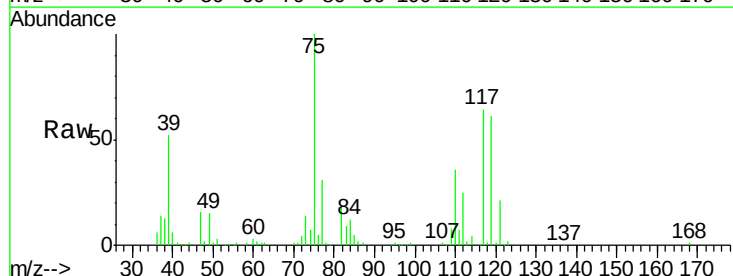
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBS01

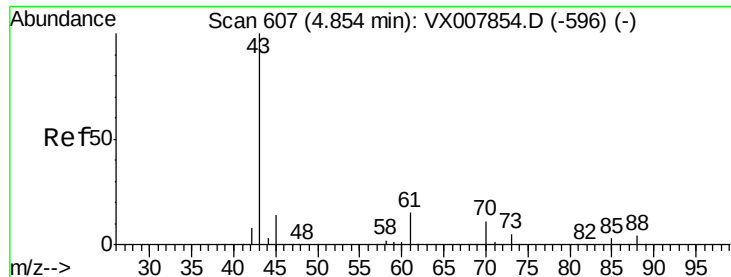
Tgt Ion:113 Resp: 136384
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.0
 192 24.6 19.4 29.0



#36
 1,1-Dichloropropene
 Concen: 18.377 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007863.D
 Acq: 06 Mar 2019 16:41

Tgt Ion: 75 Resp: 74482
 Ion Ratio Lower Upper
 75 100
 110 37.6 18.4 55.0
 77 31.4 25.0 37.4

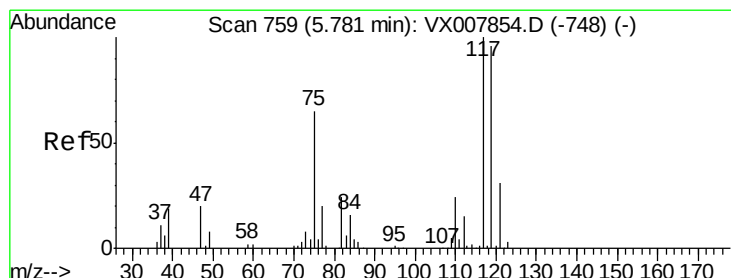
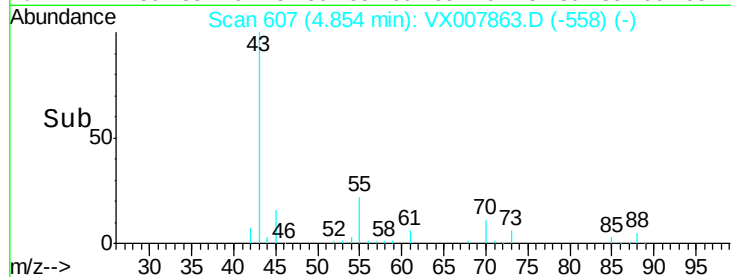
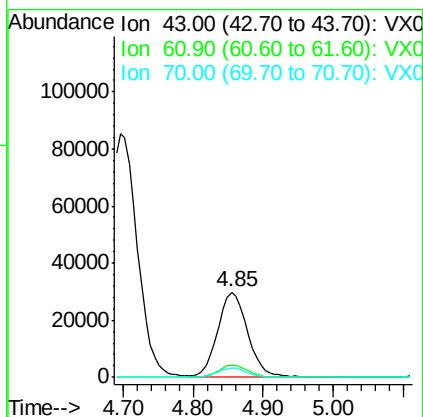
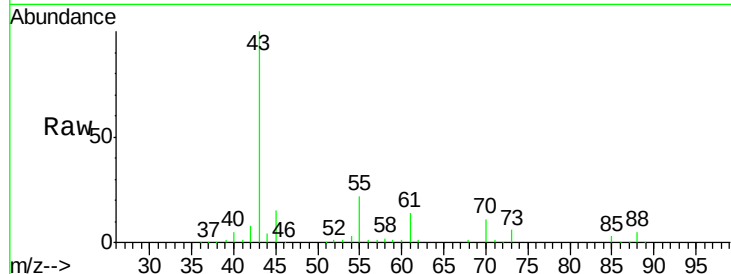




#37
Ethyl Acetate
Concen: 18.284 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

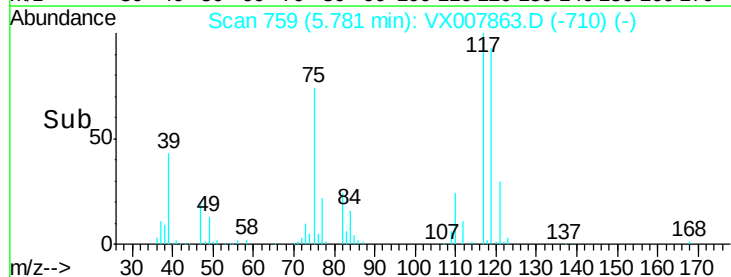
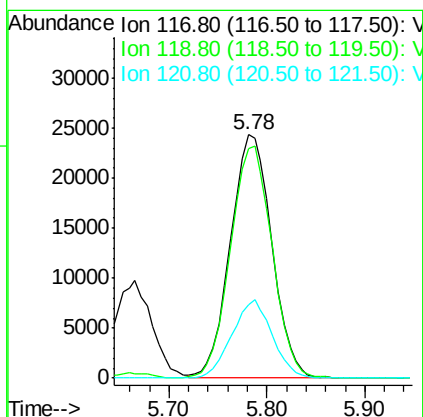
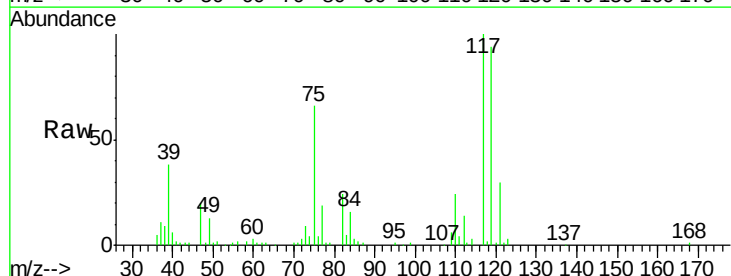
Instrument :
MSVOA_X
ClientSampled :
VX0306WBS01

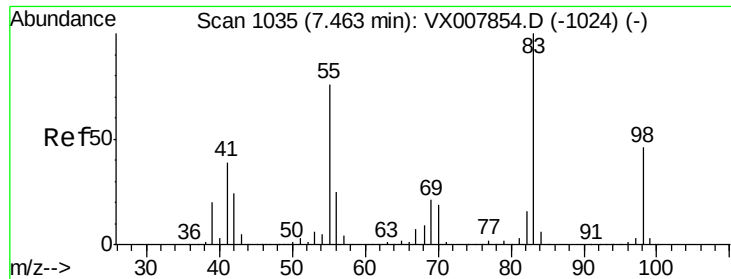
Tgt Ion: 43 Resp: 87941
Ion Ratio Lower Upper
43 100
61 14.5 11.3 16.9
70 10.9 8.5 12.7



#38
Carbon Tetrachloride
Concen: 18.596 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Tgt Ion: 117 Resp: 71552
Ion Ratio Lower Upper
117 100
119 94.0 76.2 114.2
121 30.1 24.6 36.8

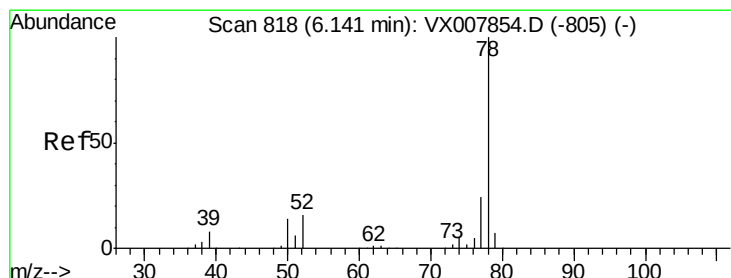
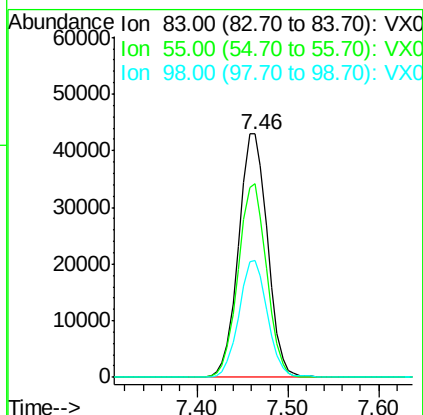
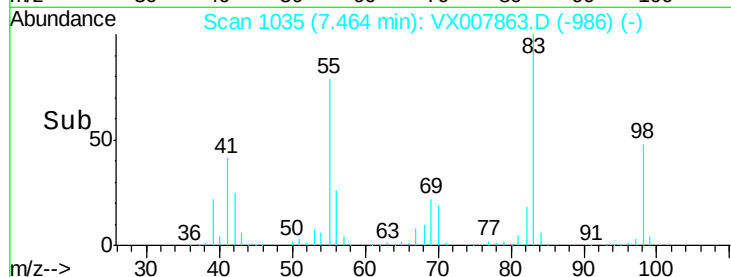
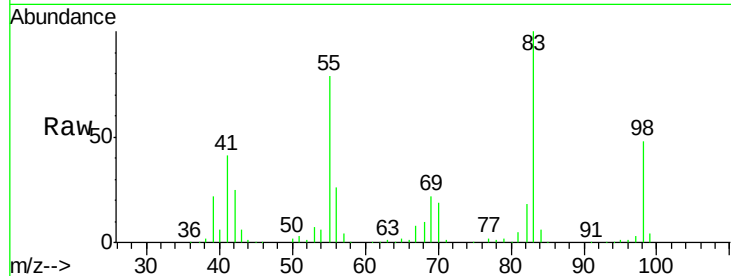




#39
Methylcyclohexane
Concen: 19.406 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

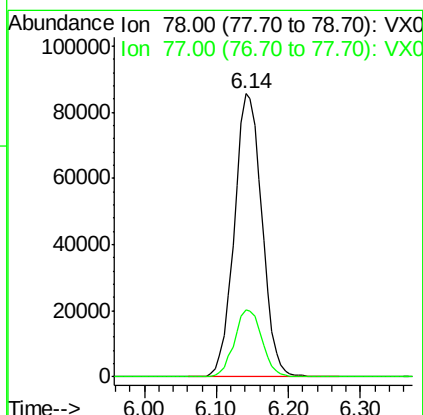
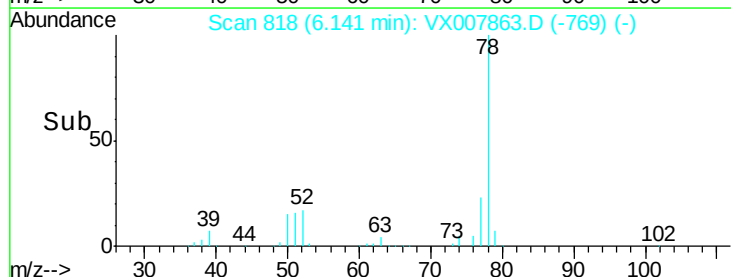
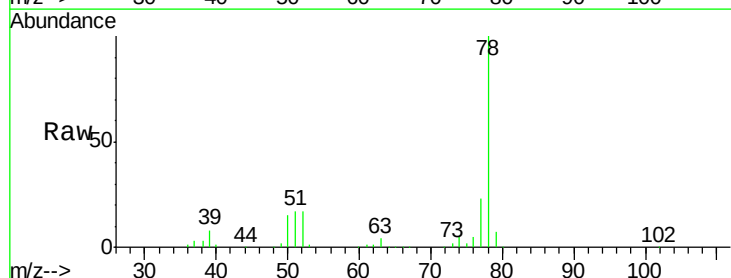
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

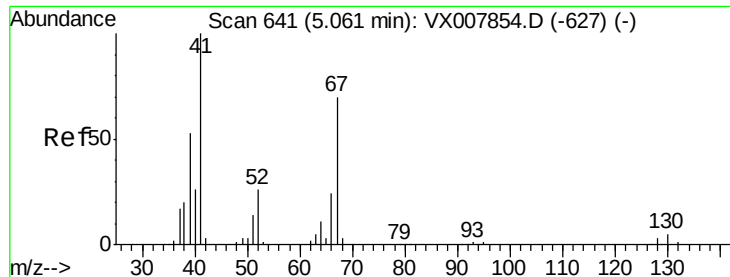
Tgt Ion: 83 Resp: 95305
Ion Ratio Lower Upper
83 100
55 79.3 60.4 90.6
98 47.8 36.5 54.7



#40
Benzene
Concen: 18.895 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Tgt Ion: 78 Resp: 227990
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

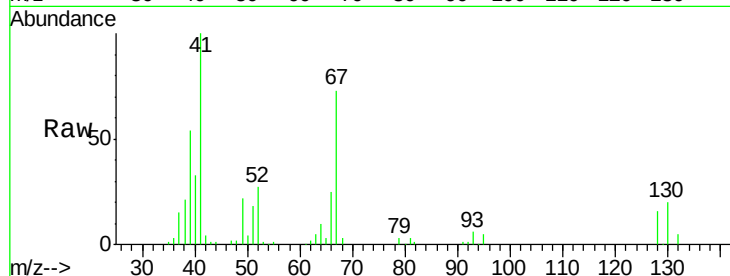




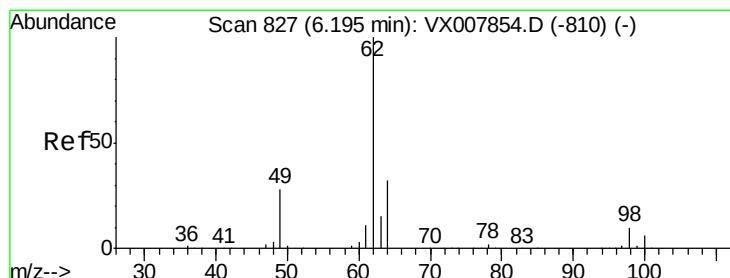
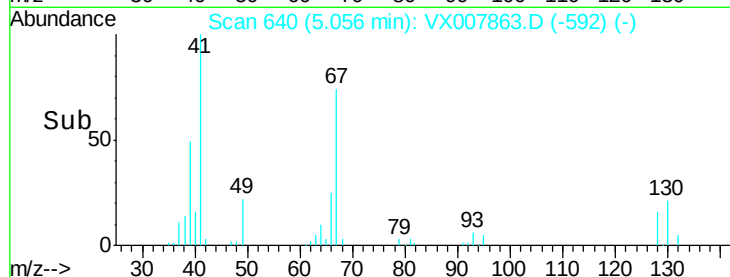
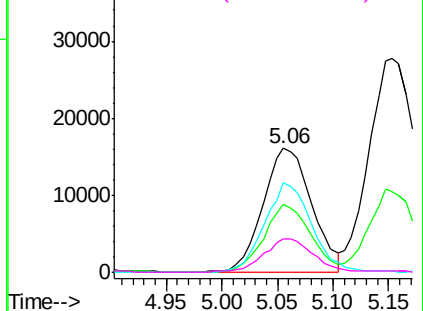
#41
Methacrylonitrile
Concen: 18.708 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tgt Ion:	41	Resp:	49058
Ion	Ratio	Lower	Upper
41	100		
39	51.5	41.6	62.4
67	69.9	55.8	83.6
52	28.0	21.7	32.5

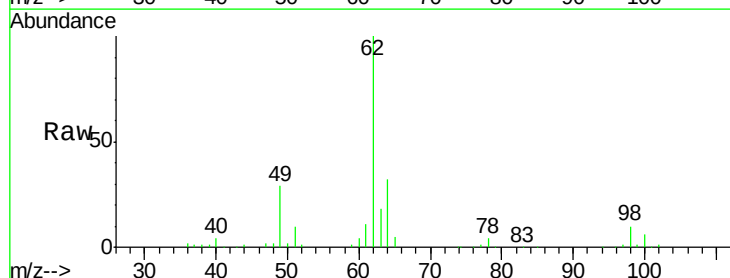


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

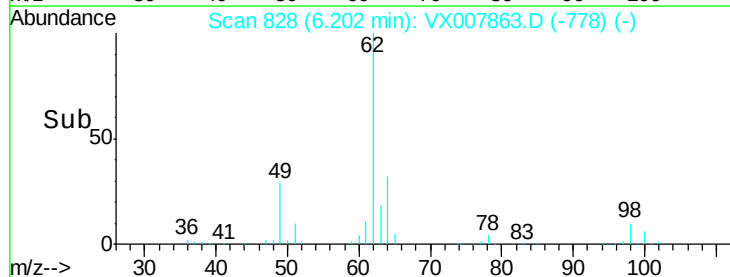
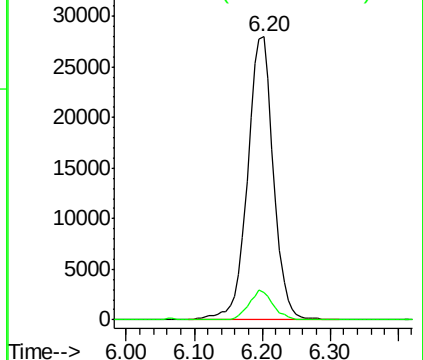


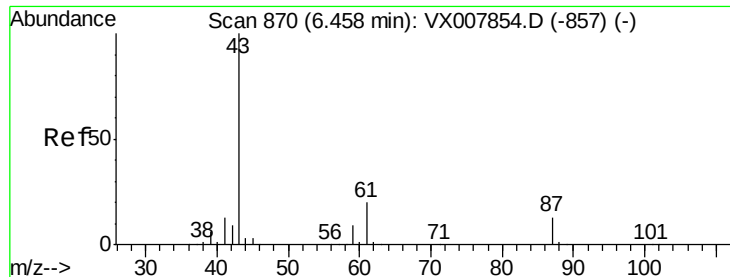
#42
1,2-Dichloroethane
Concen: 18.796 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Tgt Ion:	62	Resp:	74168
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 18.628 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampled :

VX0306WBS01

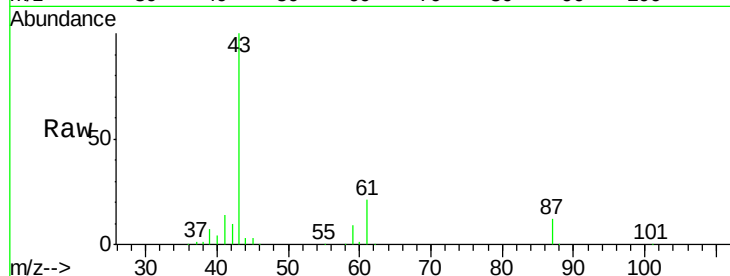
Tgt Ion: 43 Resp: 132598

Ion Ratio Lower Upper

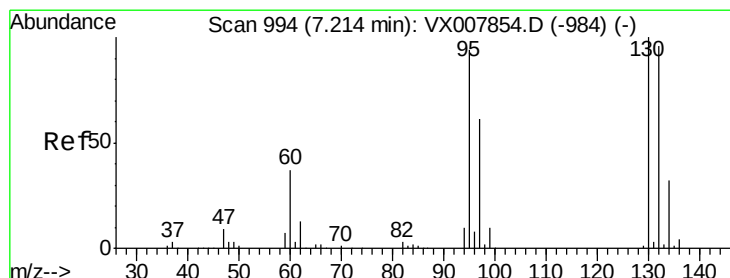
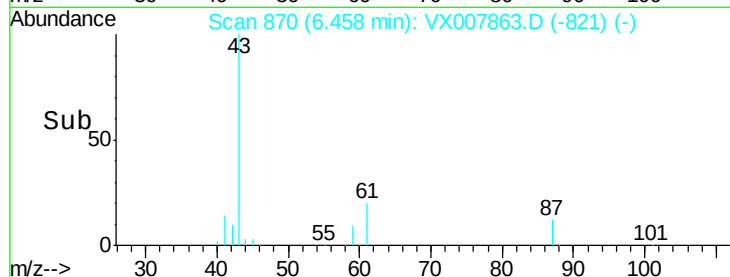
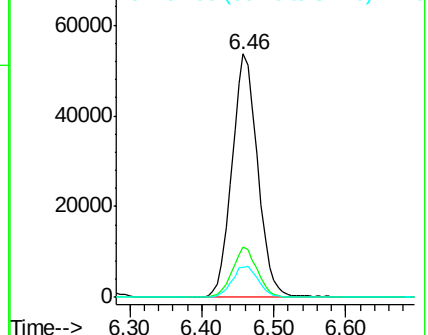
43 100

61 20.0 16.3 24.5

87 13.1 10.5 15.7



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



#44

Trichloroethene

Concen: 18.619 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007863.D

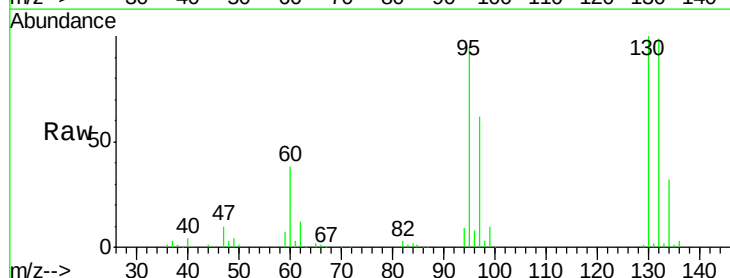
Acq: 06 Mar 2019 16:41

Tgt Ion: 130 Resp: 61912

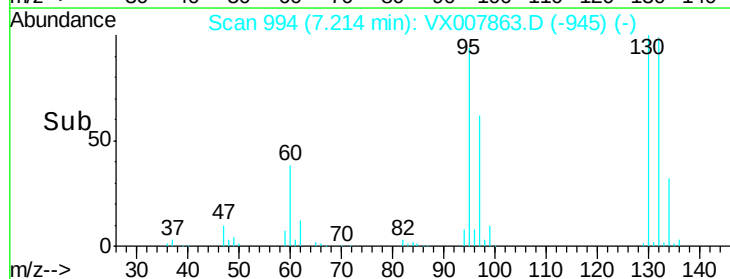
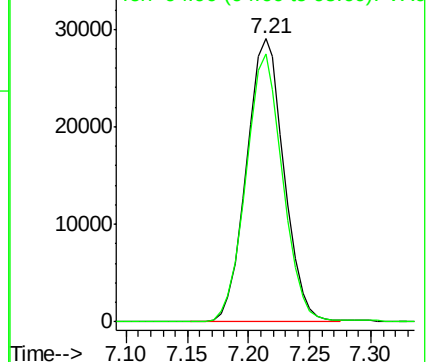
Ion Ratio Lower Upper

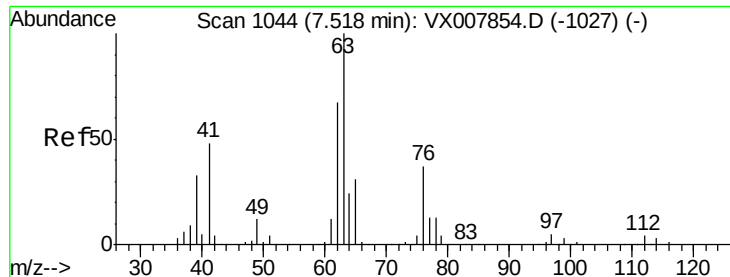
130 100

95 94.8 0.0 188.0



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





#45

1,2-Dichloropropane

Concen: 19.070 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

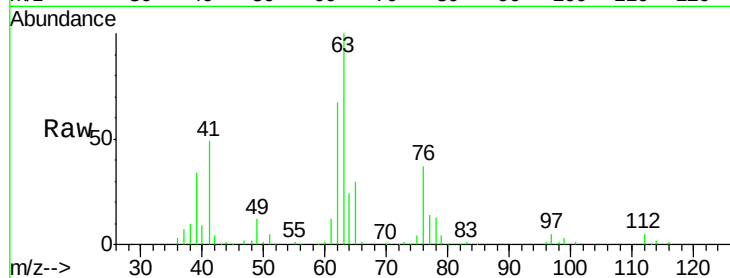
VX0306WBS01

Tgt Ion: 63 Resp: 60772

Ion Ratio Lower Upper

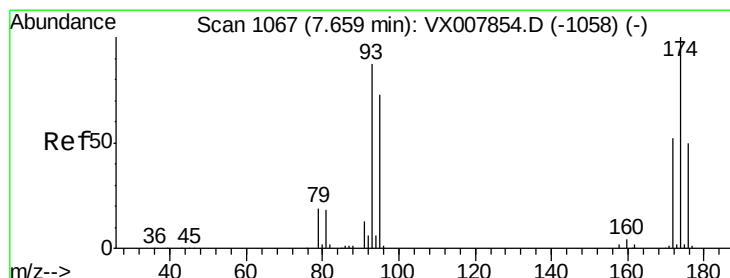
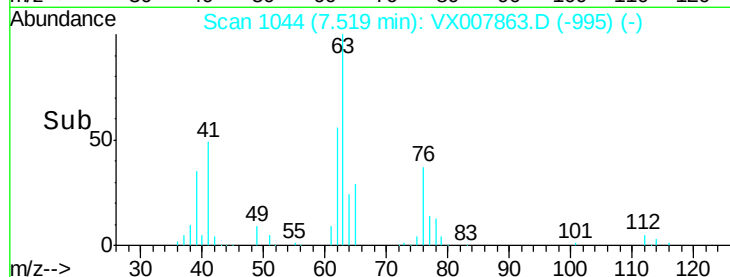
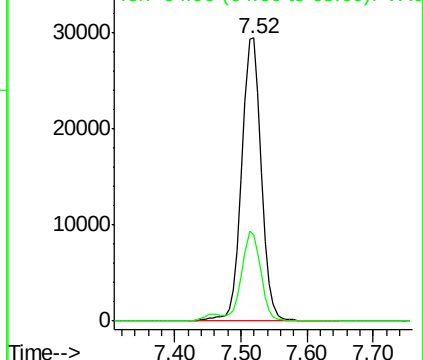
63 100

65 30.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.037 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

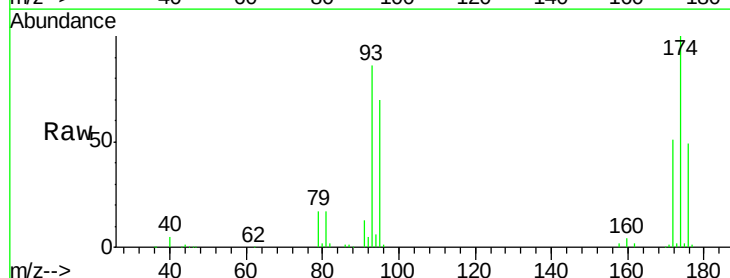
Tgt Ion: 93 Resp: 38394

Ion Ratio Lower Upper

93 100

95 82.8 66.8 100.2

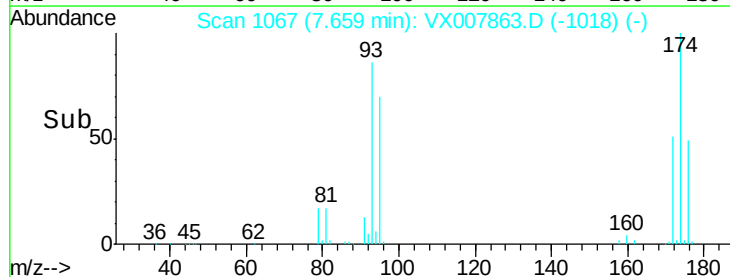
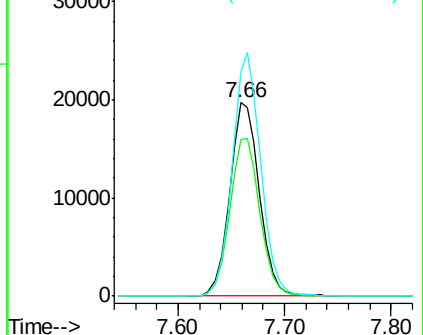
174 121.3 97.3 145.9

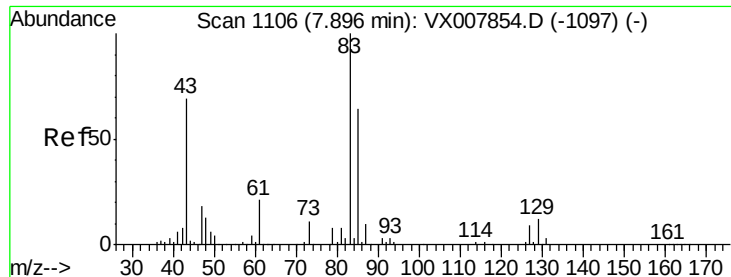


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.603 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBS01

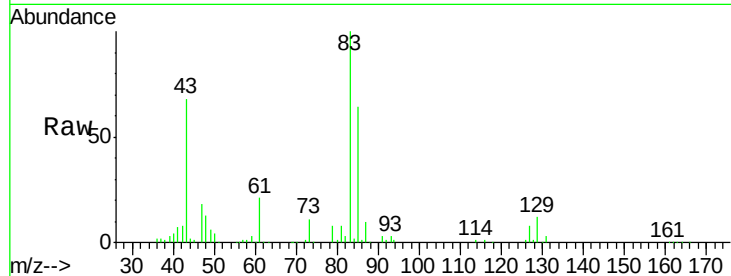
Tgt Ion: 83 Resp: 71134

Ion Ratio Lower Upper

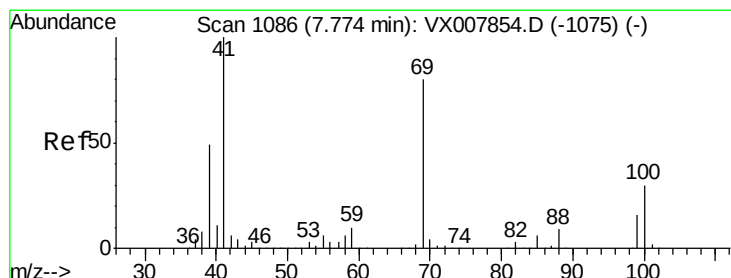
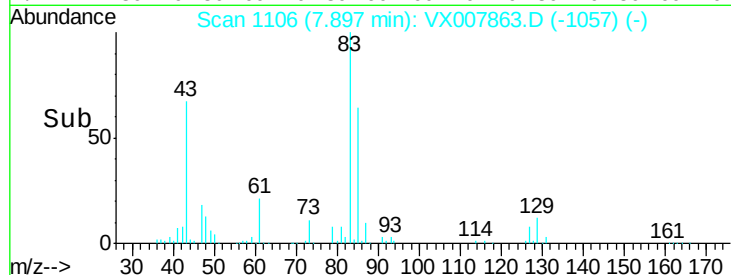
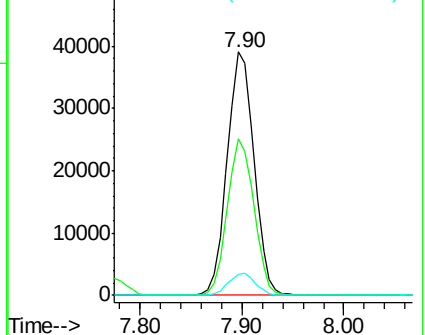
83 100

85 64.4 50.9 76.3

127 8.4 7.4 11.0



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: 18.652 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

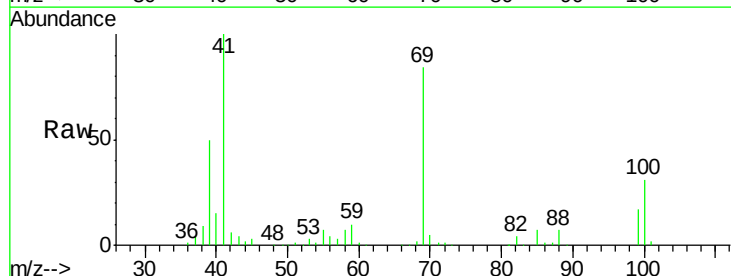
Tgt Ion: 41 Resp: 69802

Ion Ratio Lower Upper

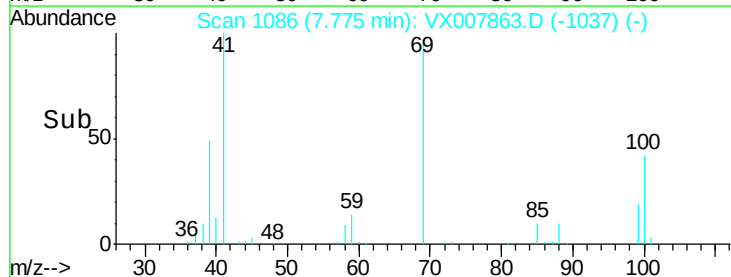
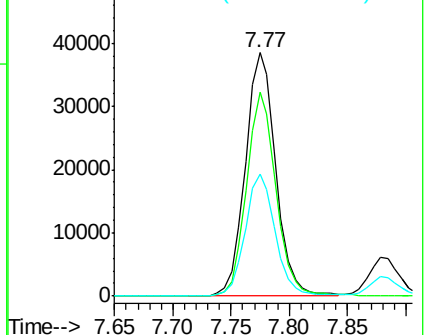
41 100

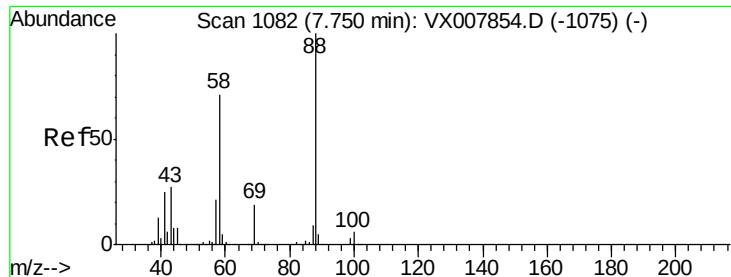
69 82.1 65.2 97.8

39 50.0 39.4 59.2



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: 364.358 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBS01

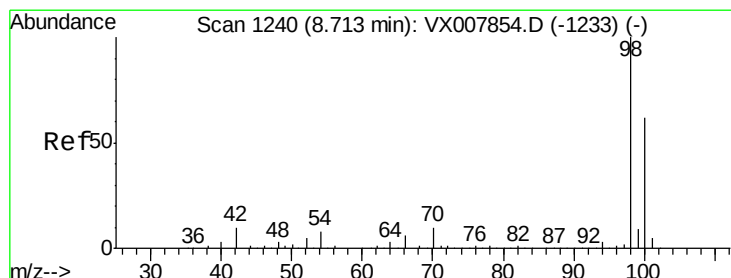
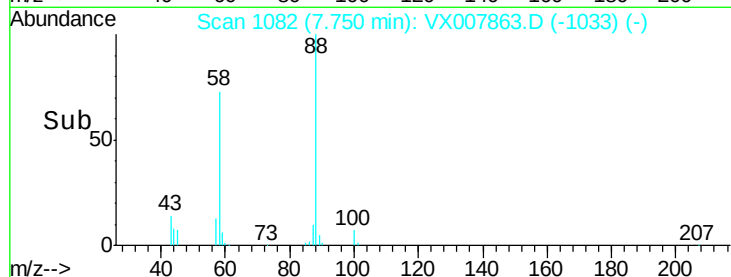
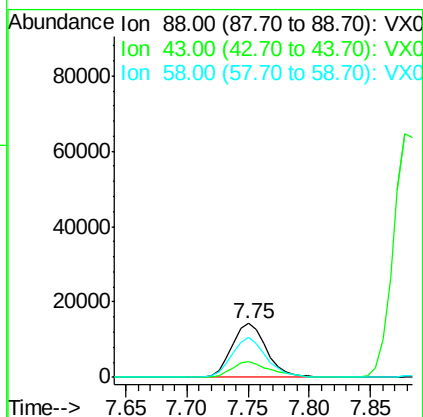
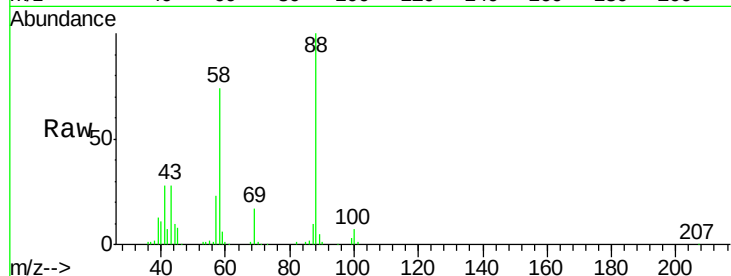
Tgt Ion: 88 Resp: 28011

Ion Ratio Lower Upper

88 100

43 34.1 25.1 37.7

58 74.4 57.8 86.6



#50

Toluene-d8

Concen: 48.888 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007863.D

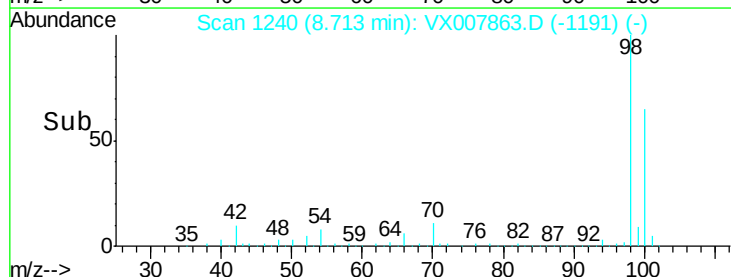
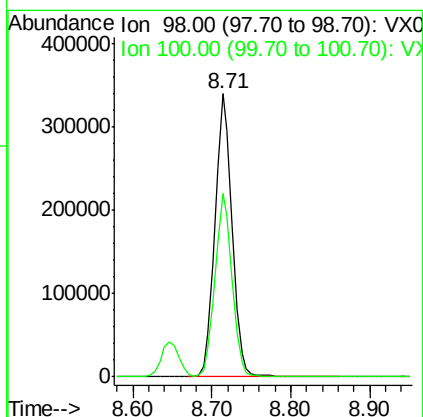
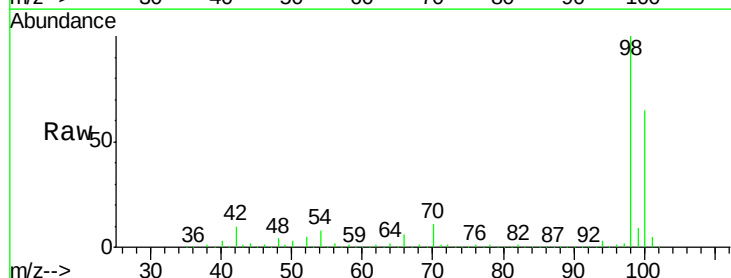
Acq: 06 Mar 2019 16:41

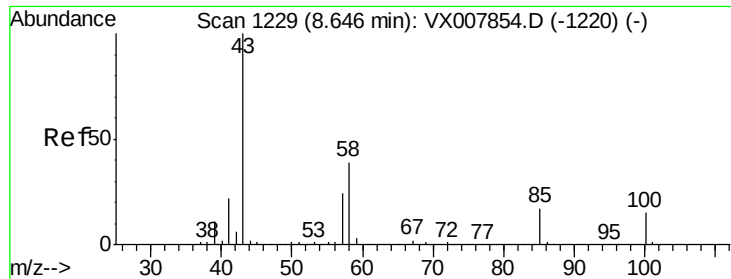
Tgt Ion: 98 Resp: 514065

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 96.019 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

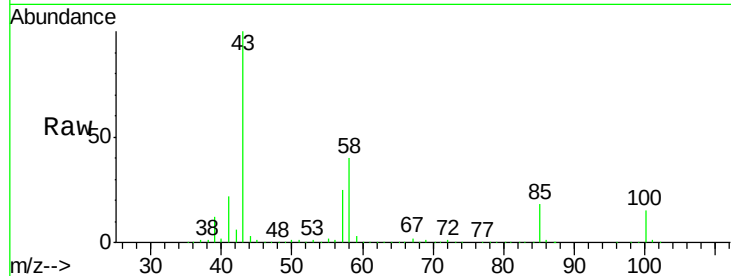
VX0306WBS01

Tgt Ion: 43 Resp: 439543

Ion Ratio Lower Upper

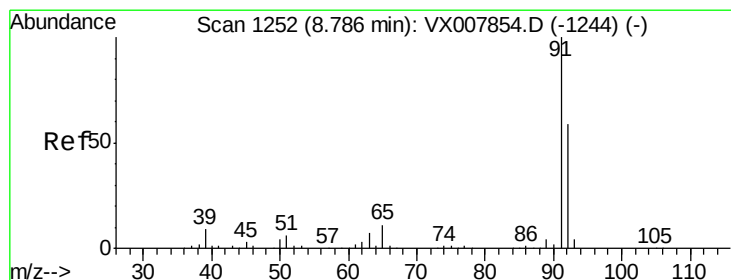
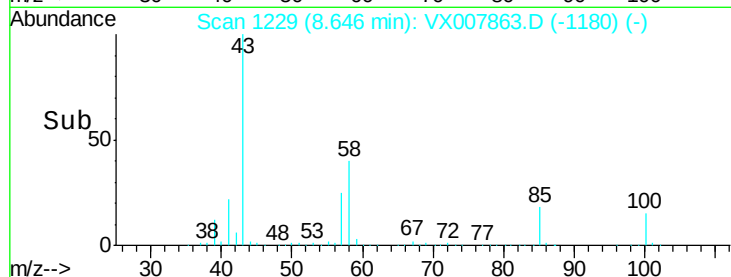
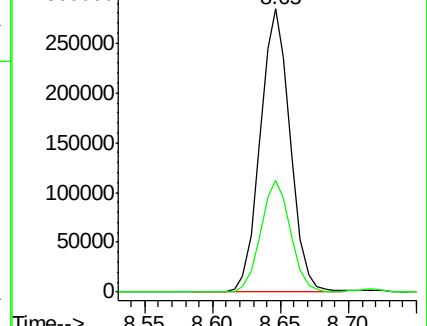
43 100

58 39.2 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.957 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007863.D

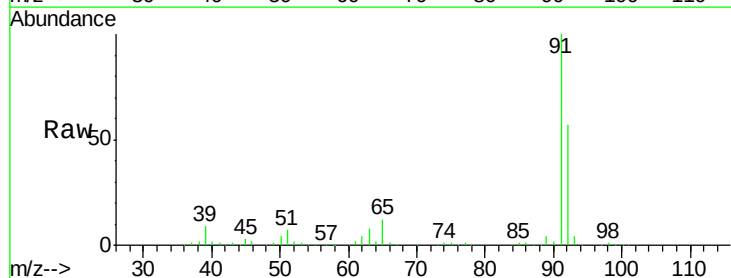
Acq: 06 Mar 2019 16:41

Tgt Ion: 92 Resp: 139648

Ion Ratio Lower Upper

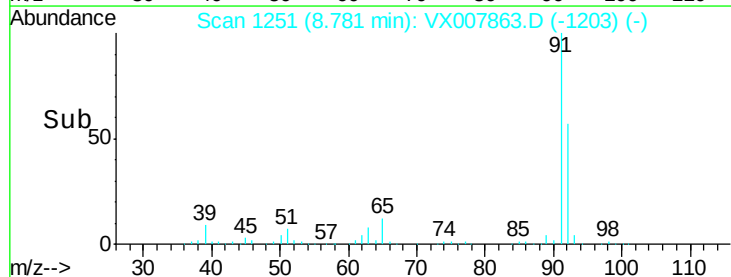
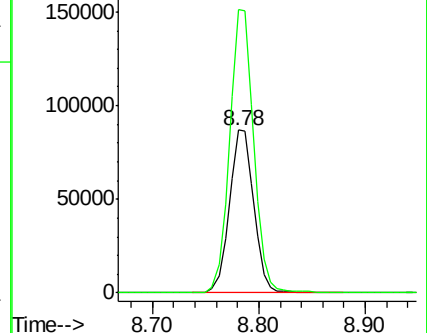
92 100

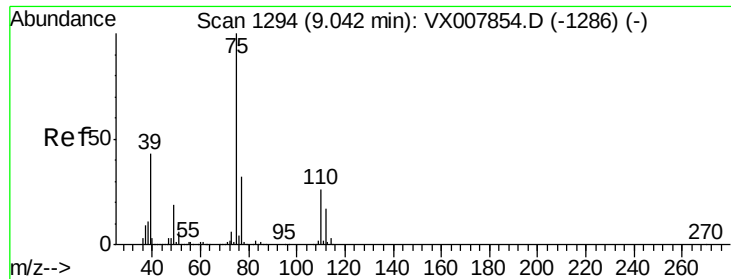
91 172.3 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

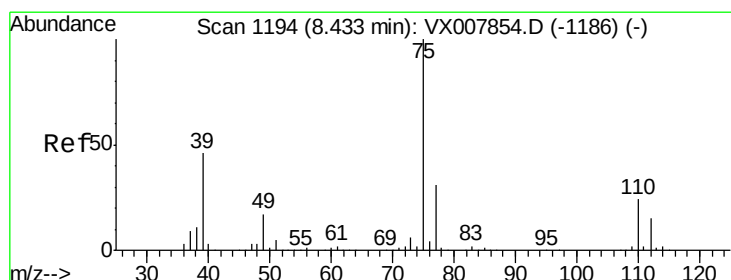
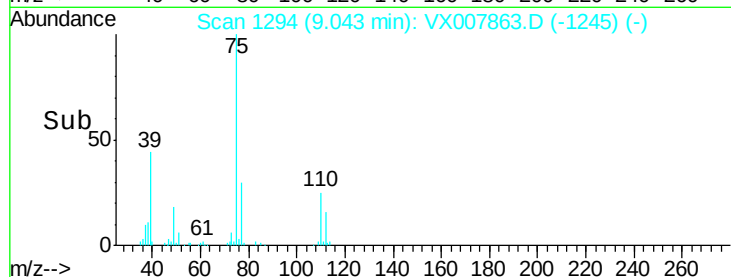
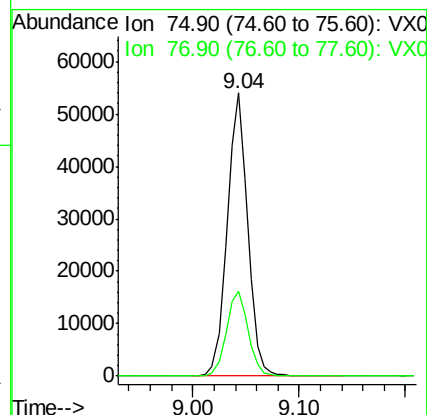
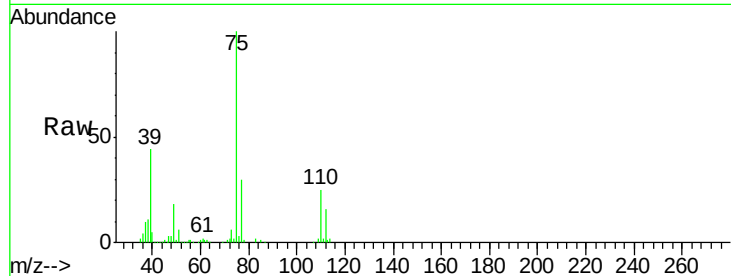




#53
t-1,3-Dichloropropene
Concen: 18.215 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

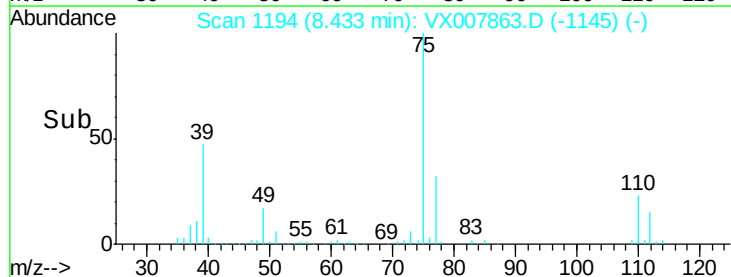
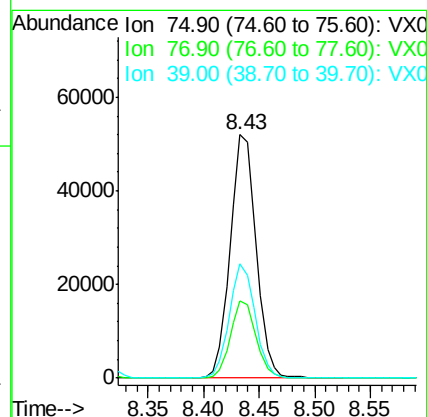
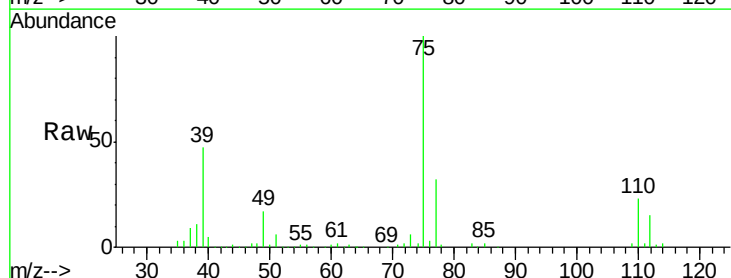
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

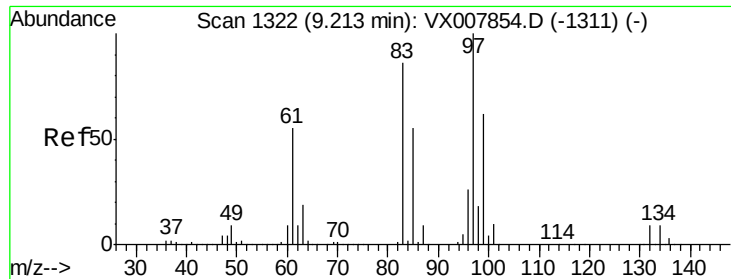
Tgt Ion: 75 Resp: 72696
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 18.617 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Tgt Ion: 75 Resp: 83904
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6
39 46.6 36.6 54.8

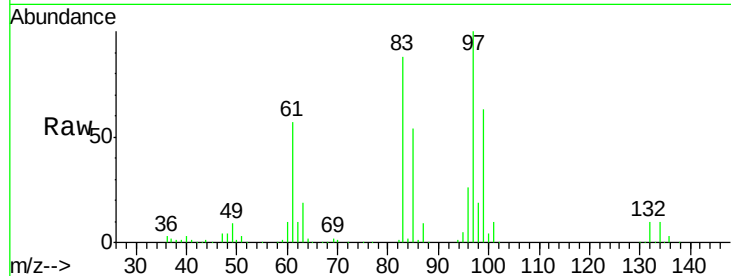




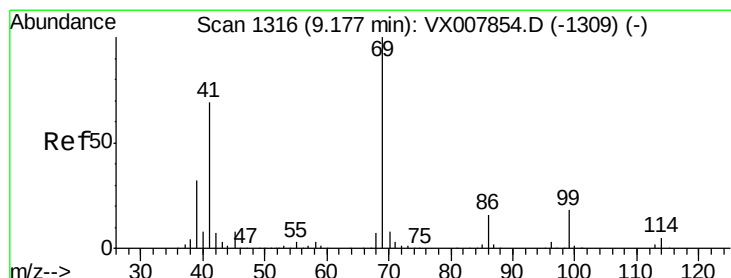
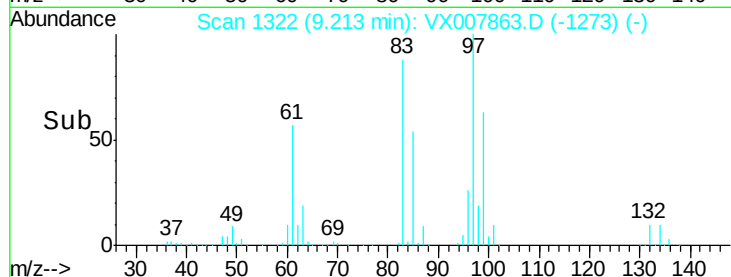
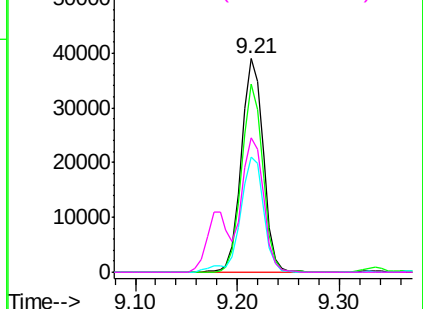
#55
 1,1,2-Trichloroethane
 Concen: 19.363 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007863.D
 Acq: 06 Mar 2019 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBS01

Tgt Ion:	97	Resp:	57741
Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.1	103.7
85	54.0	44.3	66.5
99	63.0	49.8	74.8

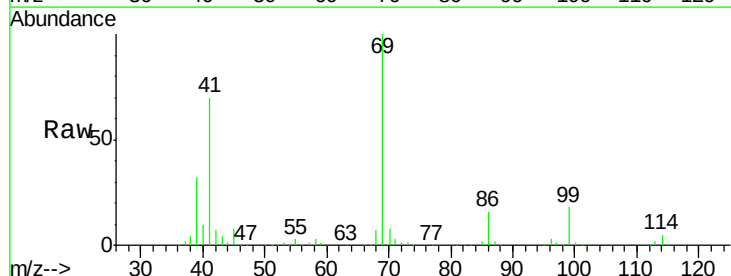


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

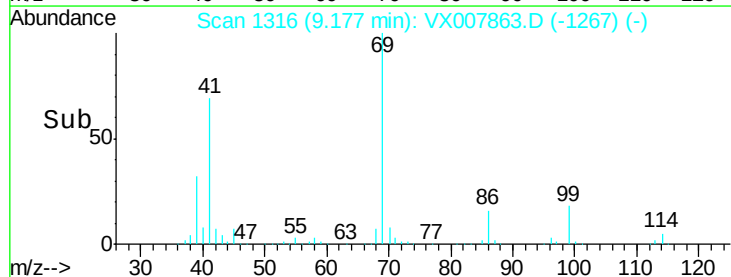
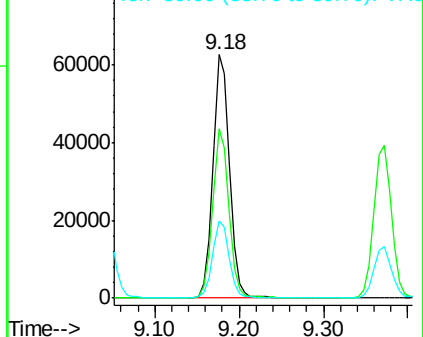


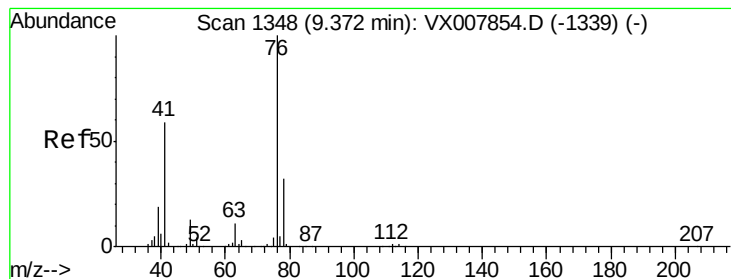
#56
 Ethyl methacrylate
 Concen: 19.167 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007863.D
 Acq: 06 Mar 2019 16:41

Tgt Ion:	69	Resp:	85819
Ion	Ratio	Lower	Upper
69	100		
41	69.0	54.2	81.4
39	31.6	25.0	37.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.075 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

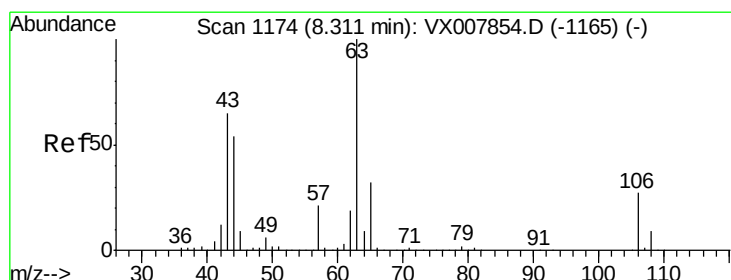
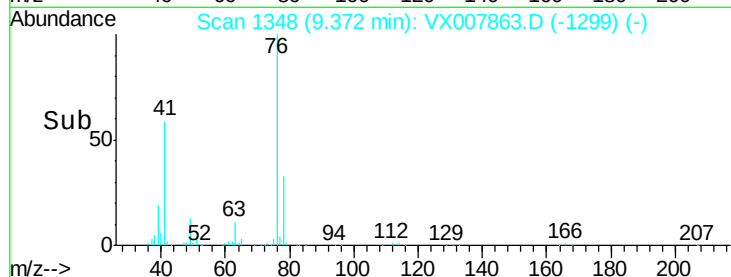
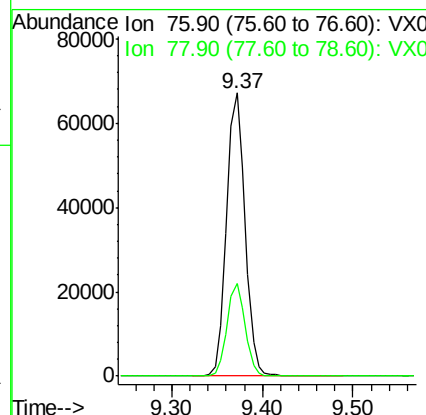
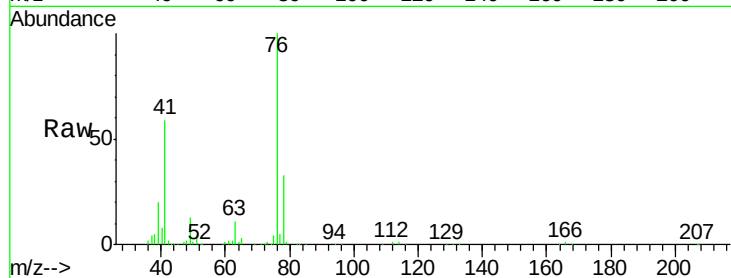
VX0306WBS01

Tgt Ion: 76 Resp: 95511

Ion Ratio Lower Upper

76 100

78 32.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 98.086 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007863.D

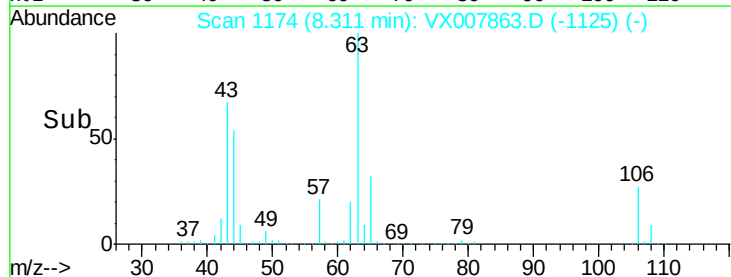
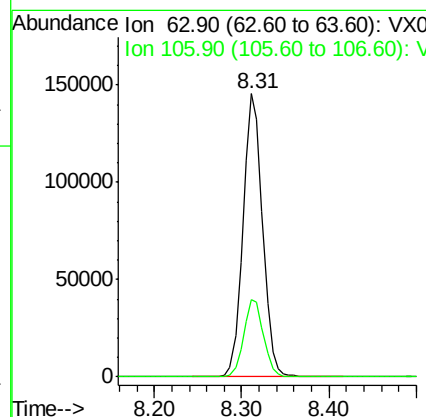
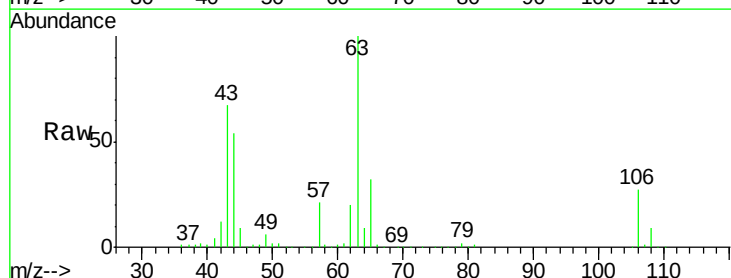
Acq: 06 Mar 2019 16:41

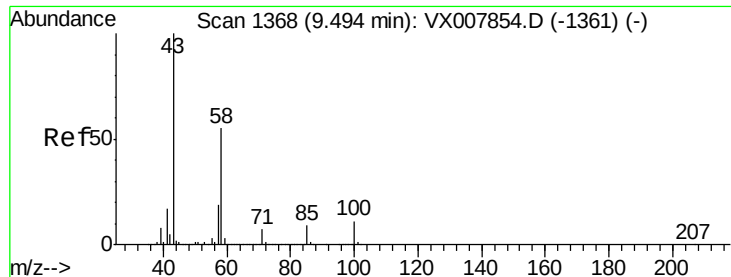
Tgt Ion: 63 Resp: 227173

Ion Ratio Lower Upper

63 100

106 27.5 22.2 33.2

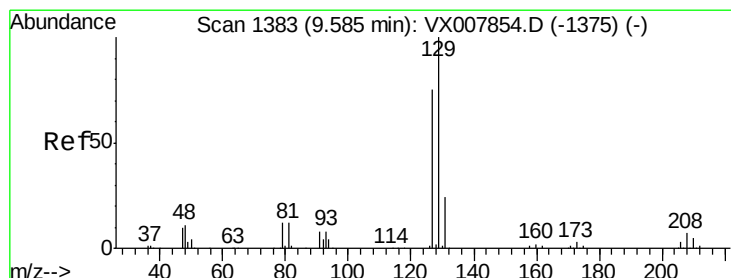
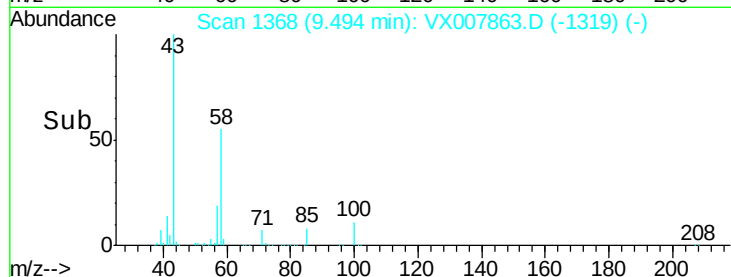
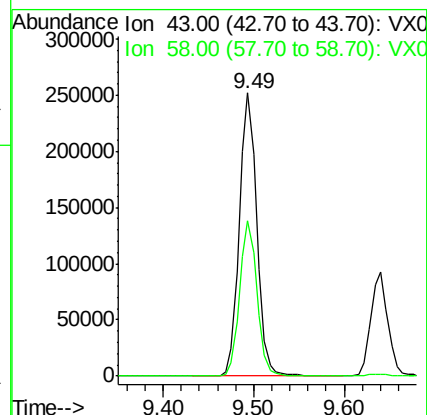
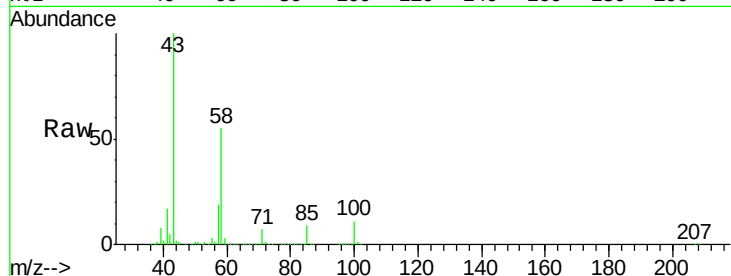




#59
2-Hexanone
Concen: 94.887 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

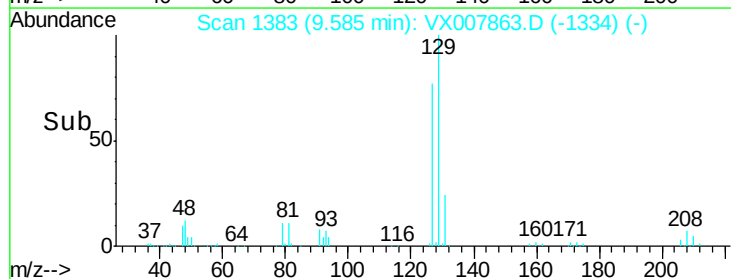
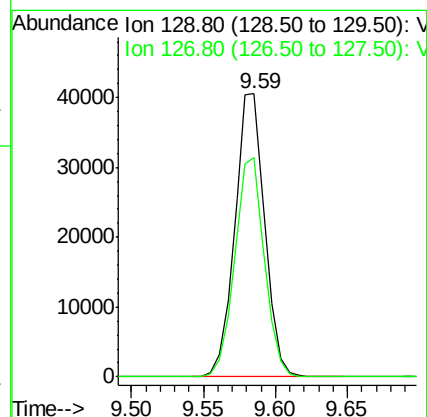
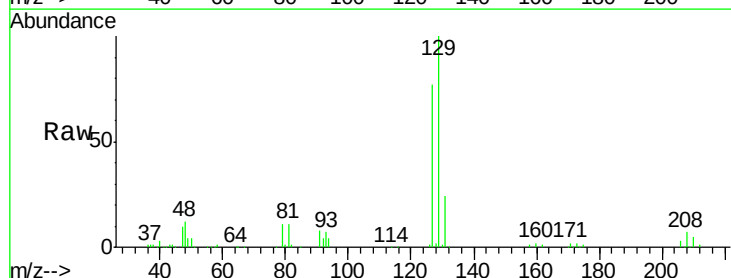
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

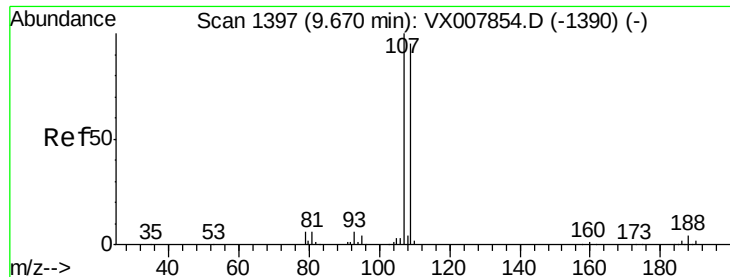
Tgt Ion: 43 Resp: 337230
Ion Ratio Lower Upper
43 100
58 54.6 27.6 82.7



#60
Dibromochloromethane
Concen: 18.859 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Tgt Ion: 129 Resp: 58784
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 18.782 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

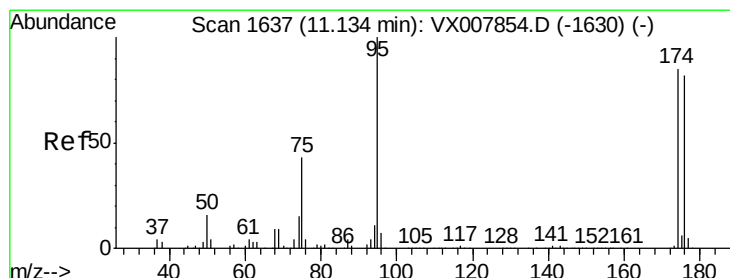
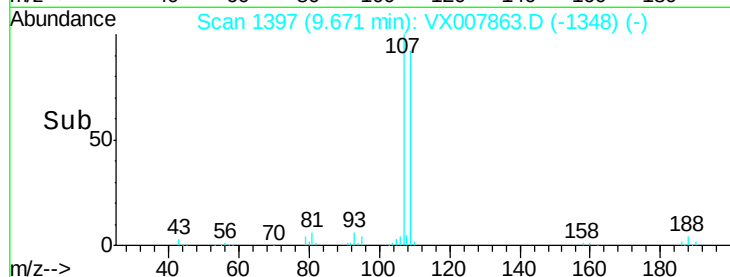
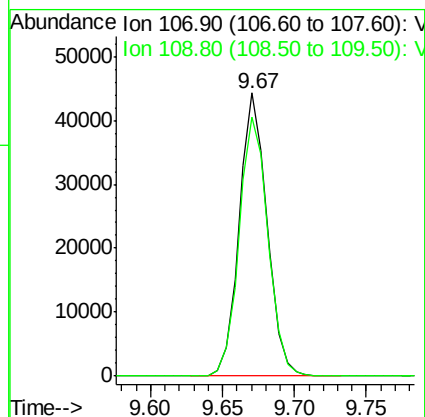
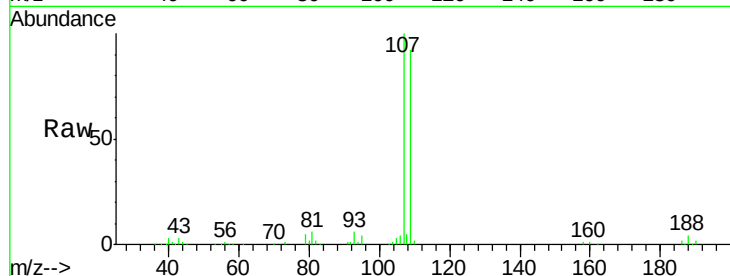
VX0306WBS01

Tgt Ion: 107 Resp: 59467

Ion Ratio Lower Upper

107 100

109 94.9 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 49.190 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

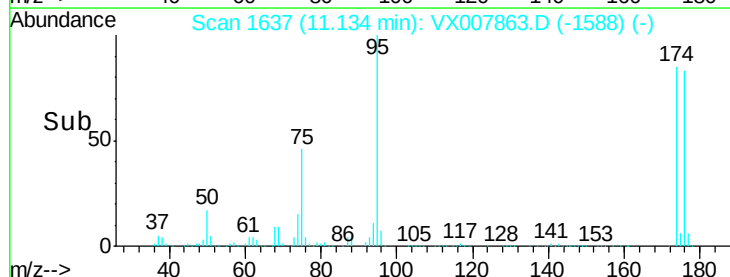
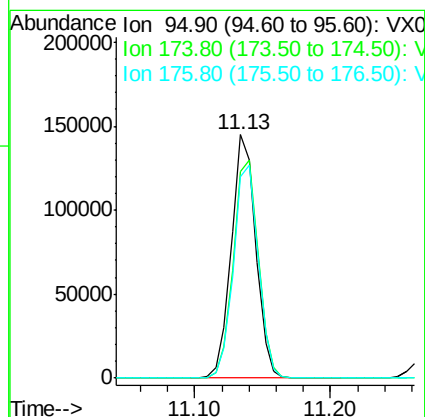
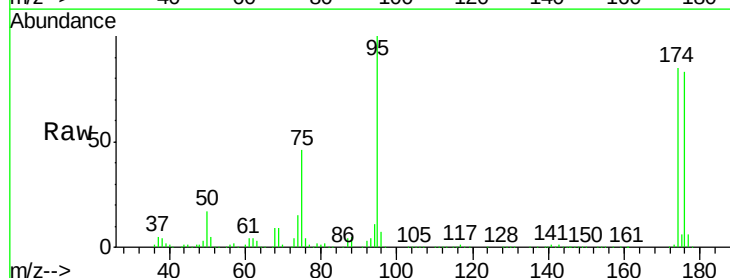
Tgt Ion: 95 Resp: 181346

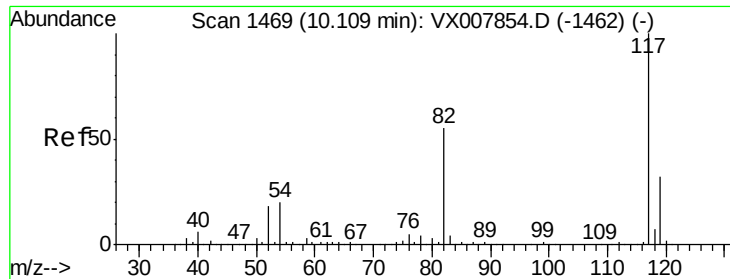
Ion Ratio Lower Upper

95 100

174 92.0 0.0 182.8

176 89.1 0.0 178.0

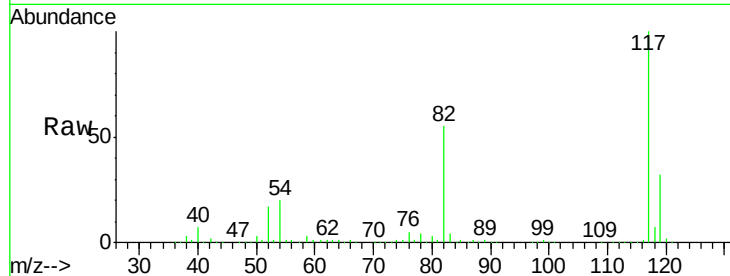




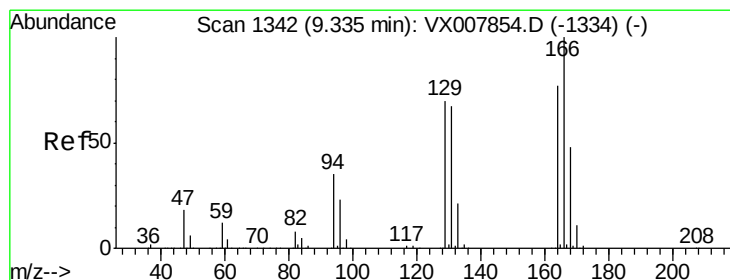
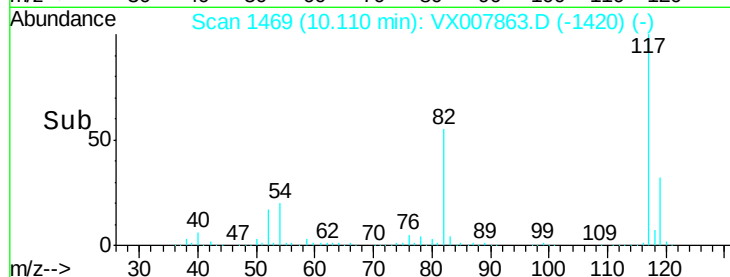
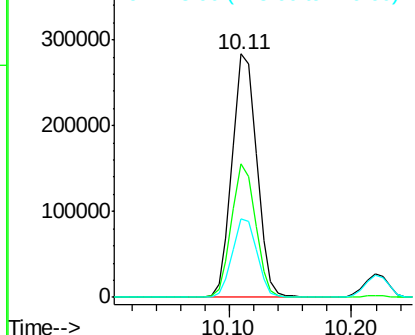
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tgt Ion:117 Resp: 395595
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.0 25.3 37.9



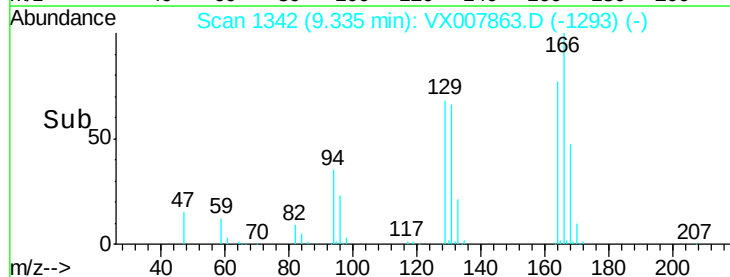
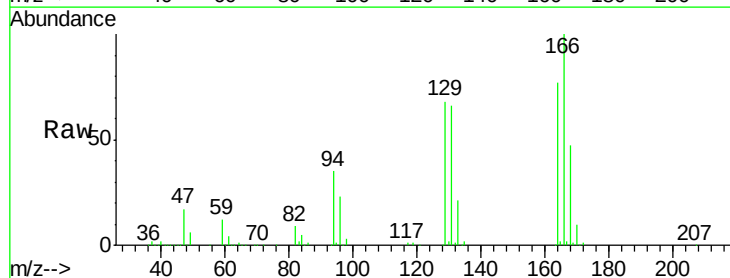
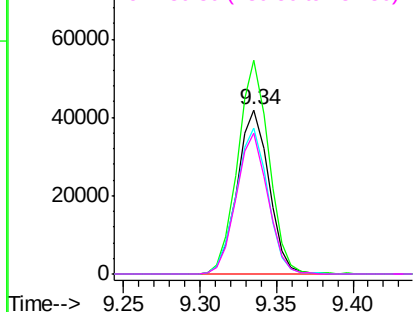
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

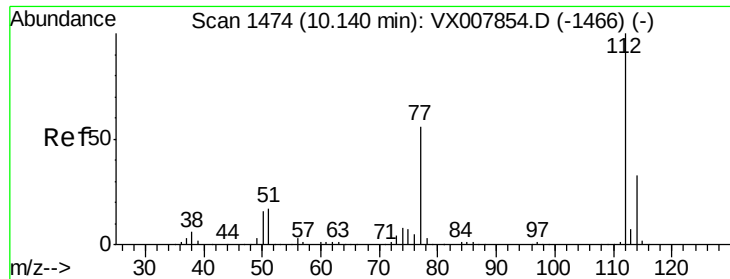


#64
Tetrachloroethene
Concen: 18.481 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Tgt Ion:164 Resp: 60587
Ion Ratio Lower Upper
164 100
166 130.3 103.4 155.0
129 89.2 72.2 108.4
131 86.2 69.4 104.2

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





#65

Chlorobenzene

Concen: 18.431 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

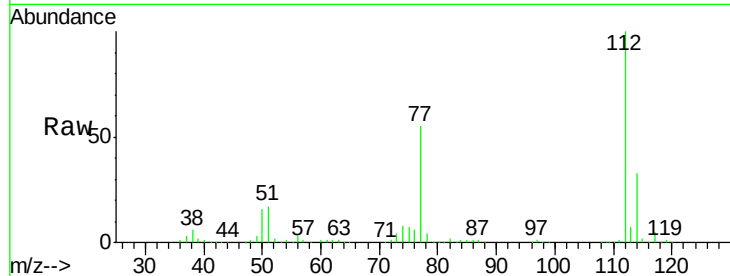
VX0306WBS01

Tgt Ion:112 Resp: 152574

Ion Ratio Lower Upper

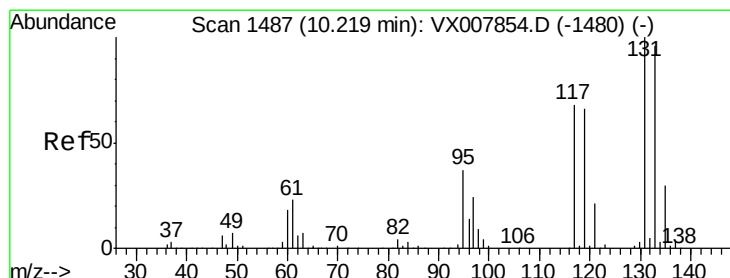
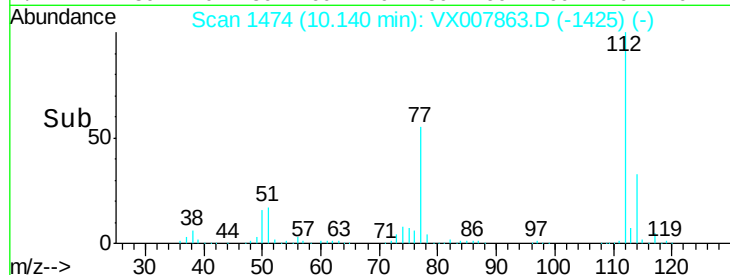
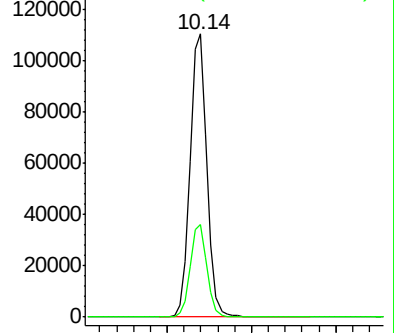
112 100

114 32.6 26.0 39.0



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: 18.754 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

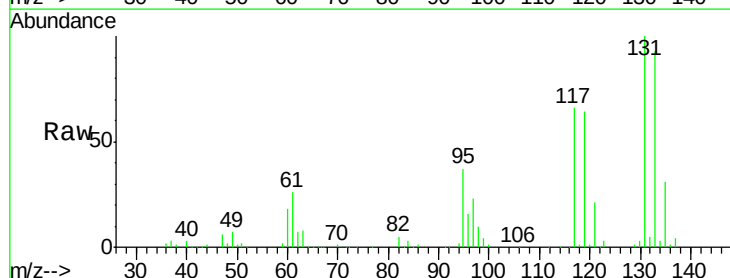
Tgt Ion:131 Resp: 55640

Ion Ratio Lower Upper

131 100

133 94.5 47.8 143.3

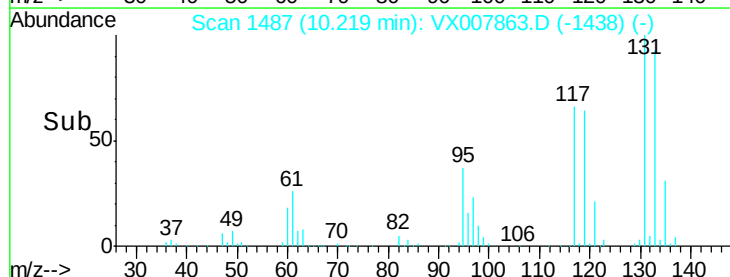
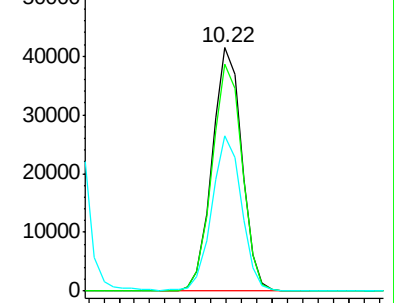
119 64.1 32.5 97.5

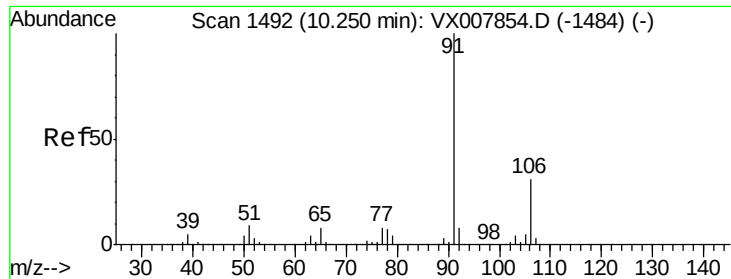


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.097 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

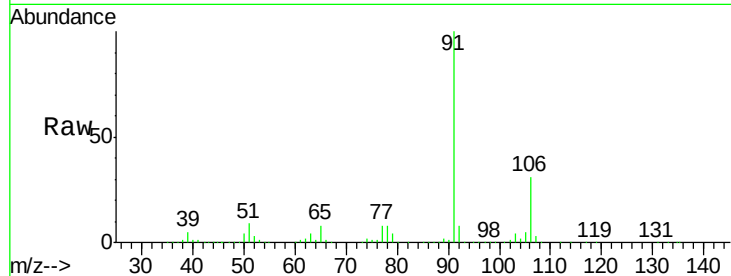
VX0306WBS01

Tgt Ion: 91 Resp: 260233

Ion Ratio Lower Upper

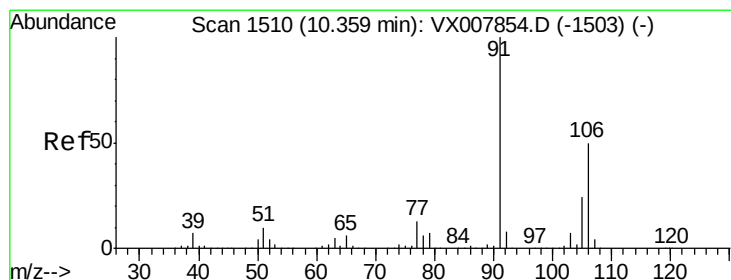
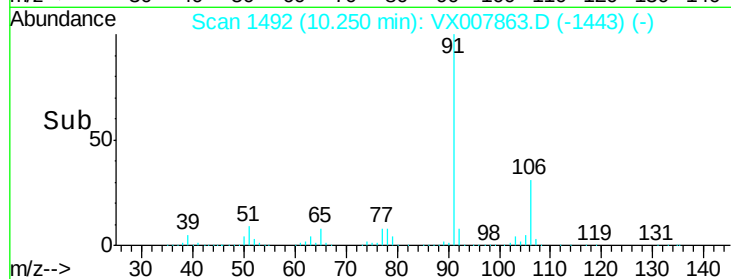
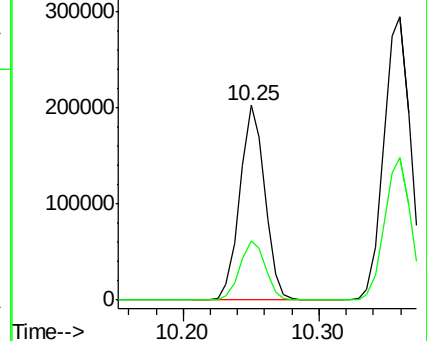
91 100

106 30.7 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.659 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007863.D

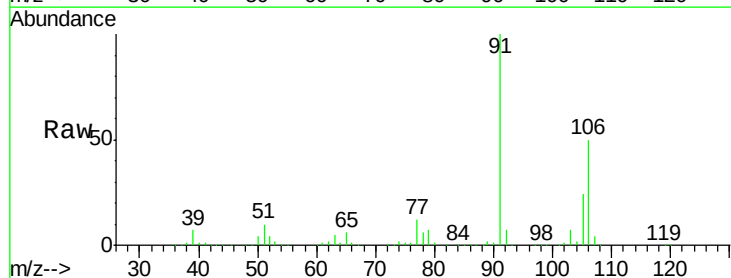
Acq: 06 Mar 2019 16:41

Tgt Ion: 106 Resp: 197798

Ion Ratio Lower Upper

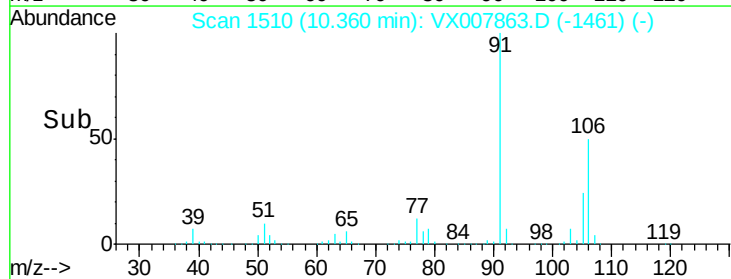
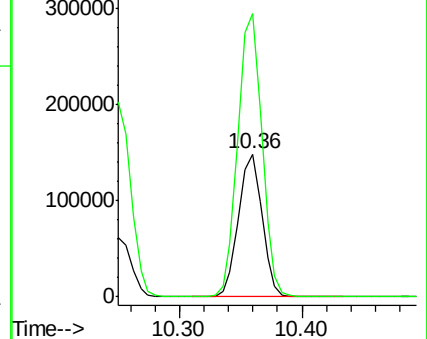
106 100

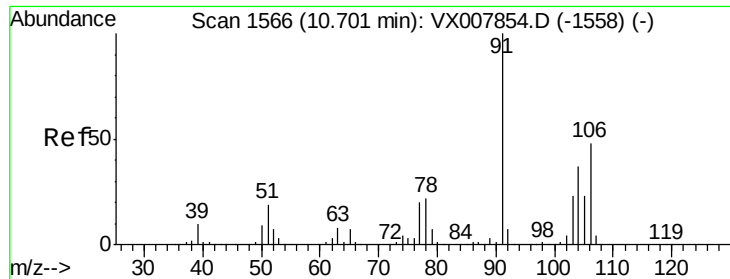
91 202.2 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

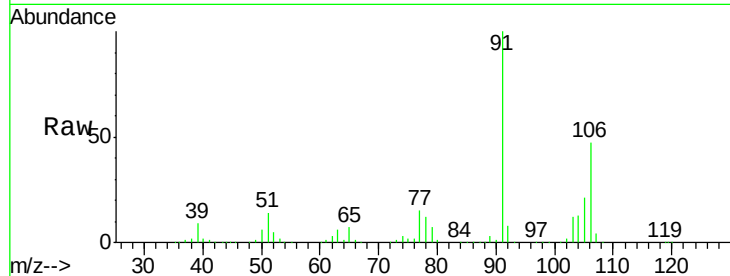




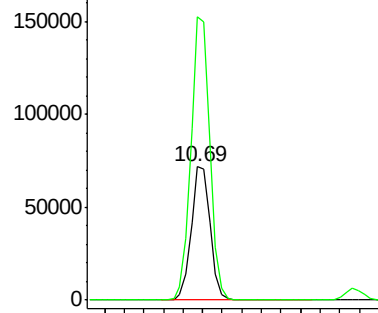
#69
o-Xylene
Concen: 18.943 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

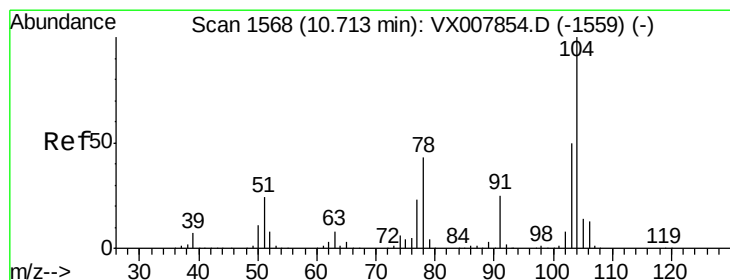
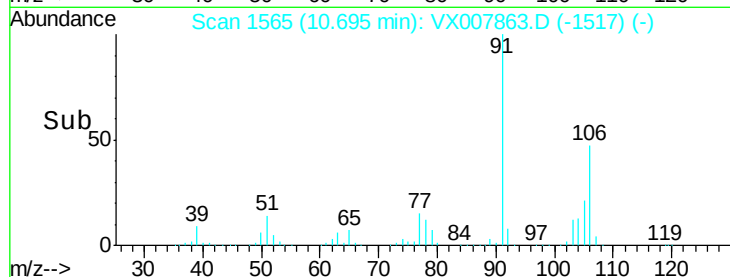
Tgt Ion:106 Resp: 96056
Ion Ratio Lower Upper
106 100
91 211.7 106.3 318.9



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

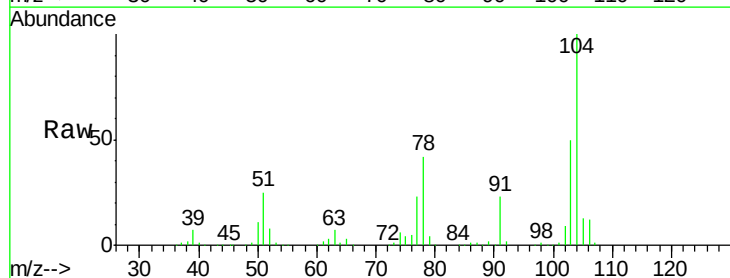


Time--> 10.60 10.70 10.80

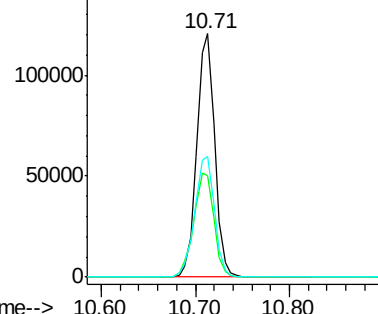


#70
Styrene
Concen: 19.158 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

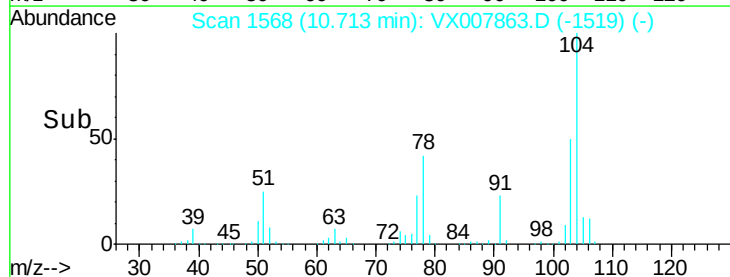
Tgt Ion:104 Resp: 158970
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 54.9 44.1 66.1

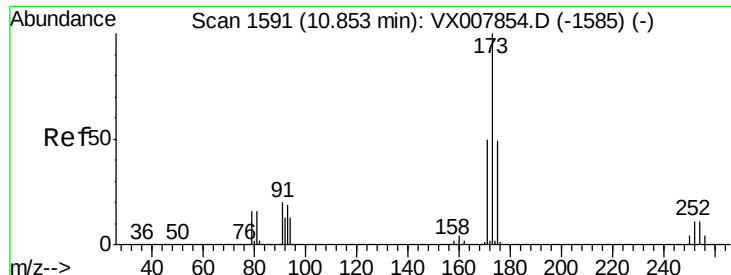


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 17.871 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBS01

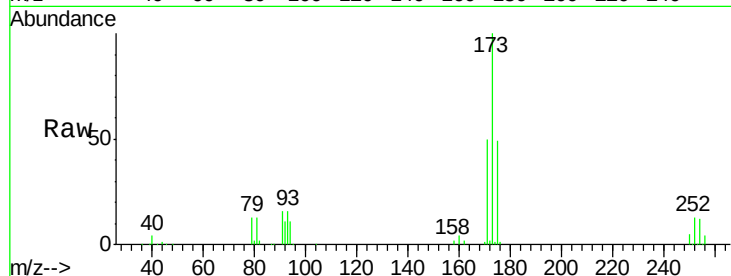
Tgt Ion:173 Resp: 45532

Ion Ratio Lower Upper

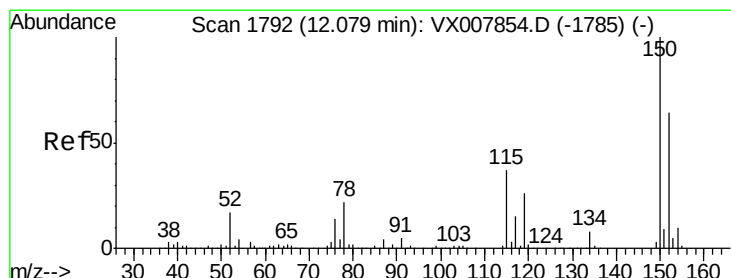
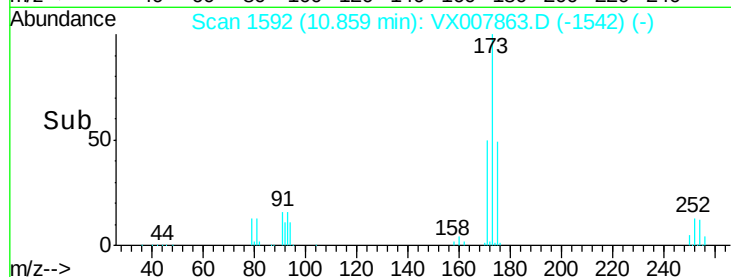
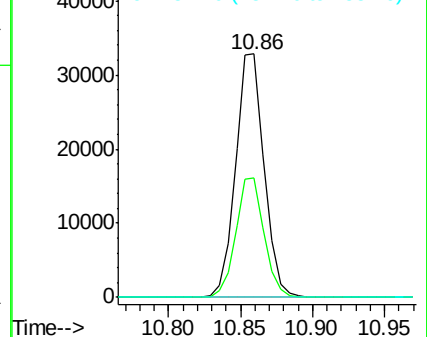
173 100

175 48.5 24.3 72.9

254 0.1 0.1 0.1



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

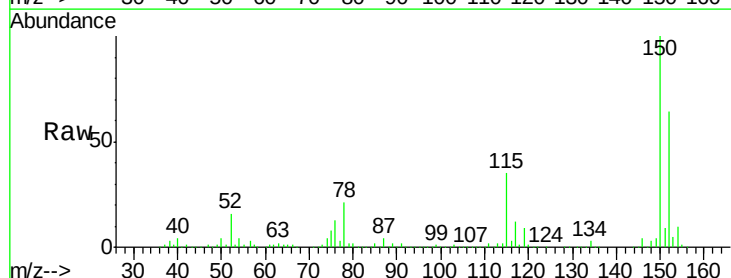
Tgt Ion:152 Resp: 199848

Ion Ratio Lower Upper

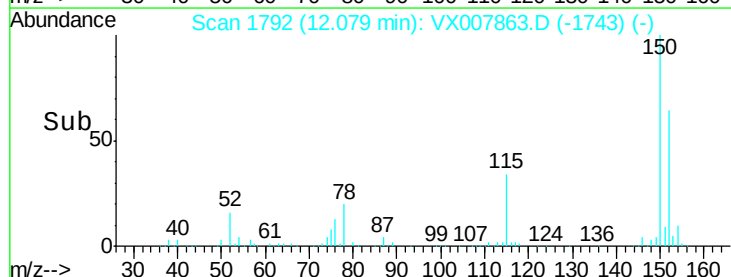
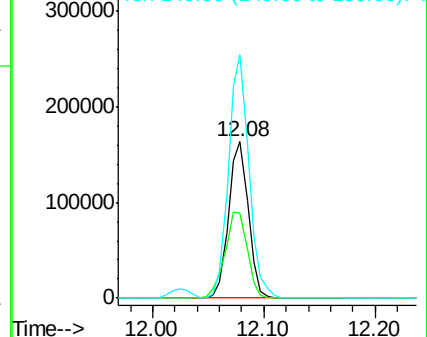
152 100

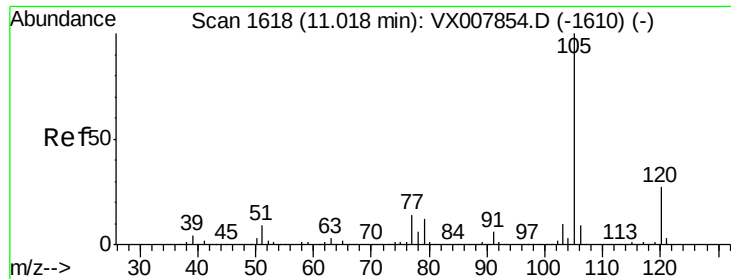
115 63.4 38.6 115.7

150 161.1 0.0 348.4



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





#73

Isopropylbenzene

Concen: 19.374 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

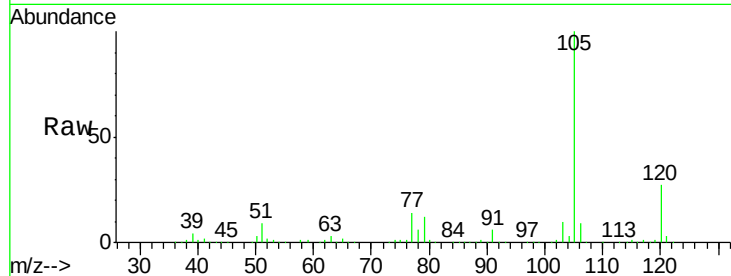
VX0306WBS01

Tgt Ion: 105 Resp: 261863

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

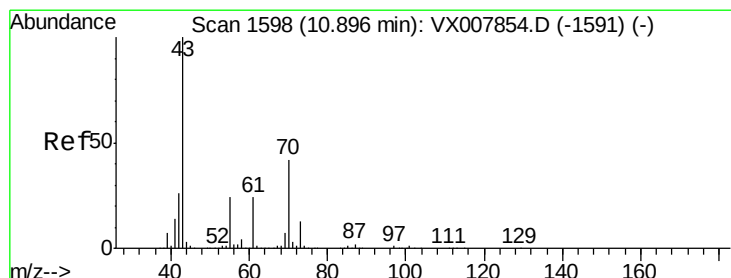
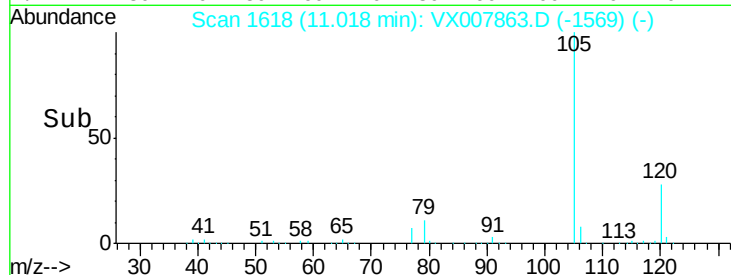
50000

0

11.02

11.00

Time-->



#74

N-ethyl acetate

Concen: 18.445 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Tgt Ion: 43 Resp: 113815

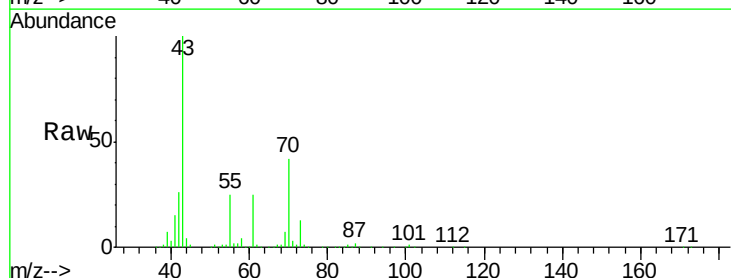
Ion Ratio Lower Upper

43 100

70 42.0 33.5 50.3

55 25.2 19.2 28.8

61 24.7 19.0 28.6



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

150000

100000

50000

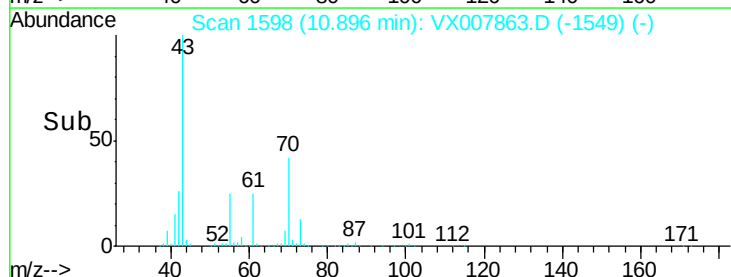
0

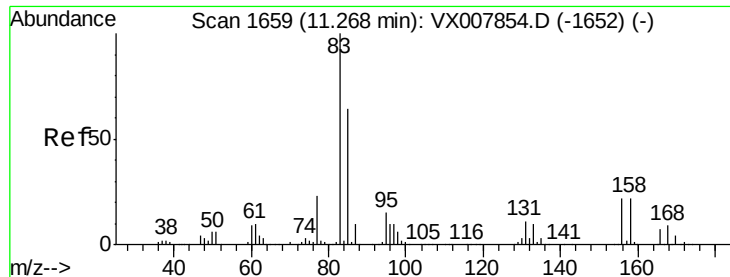
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.457 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBS01

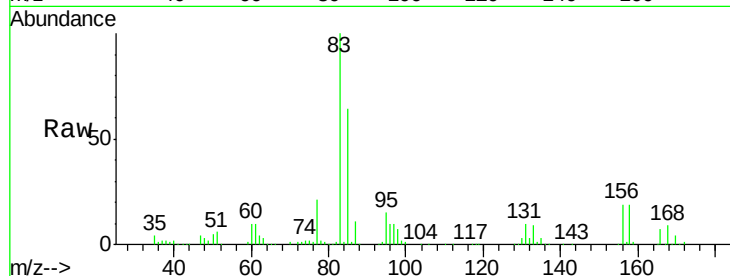
Tgt Ion: 83 Resp: 86051

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

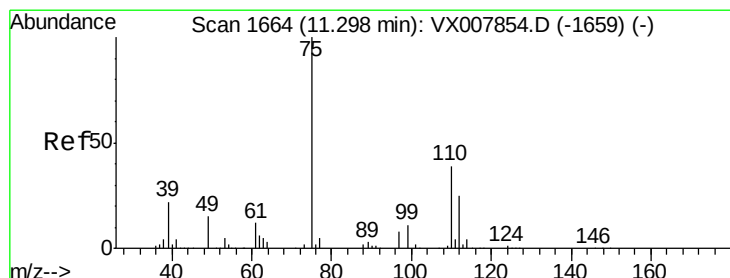
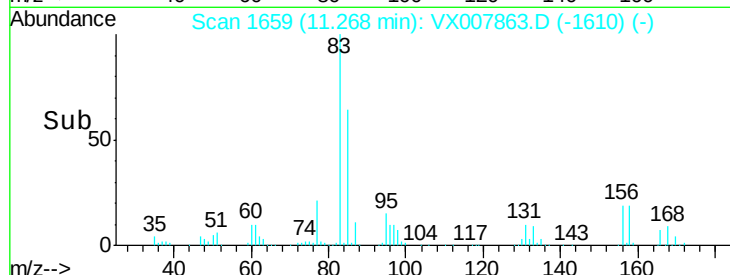
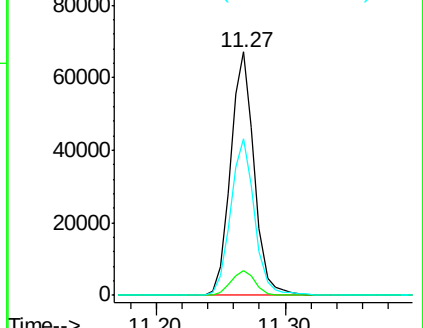
85 65.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.510 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007863.D

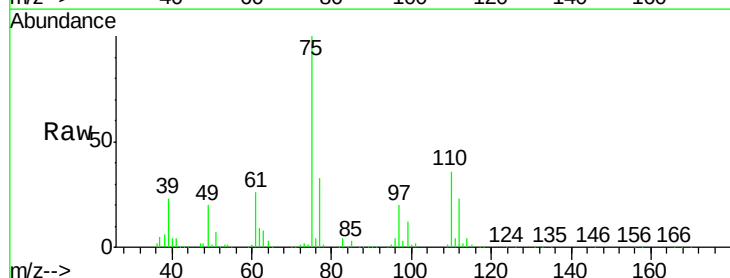
Acq: 06 Mar 2019 16:41

Tgt Ion: 75 Resp: 94397

Ion Ratio Lower Upper

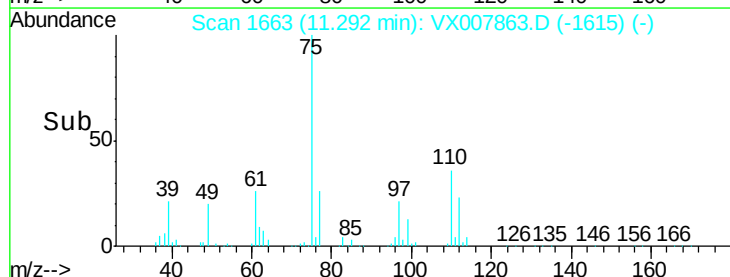
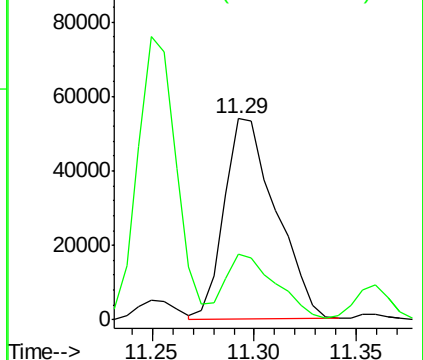
75 100

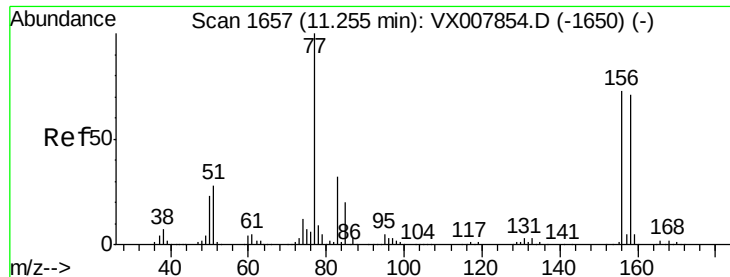
77 32.9 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.547 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBS01

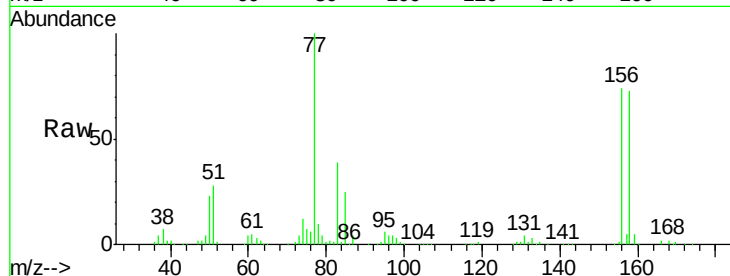
Tgt Ion:156 Resp: 68727

Ion Ratio Lower Upper

156 100

77 144.5 72.0 215.9

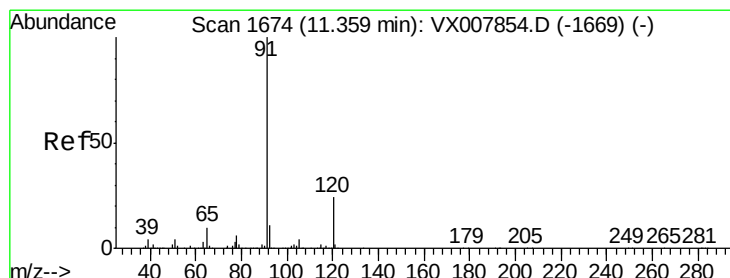
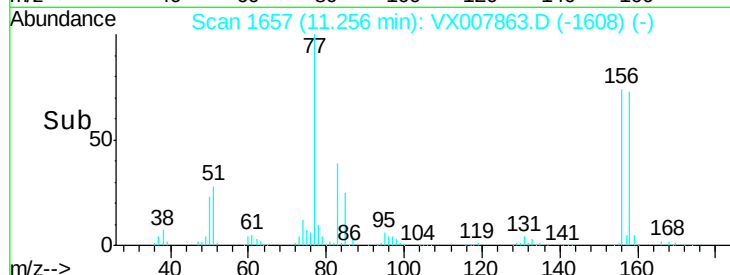
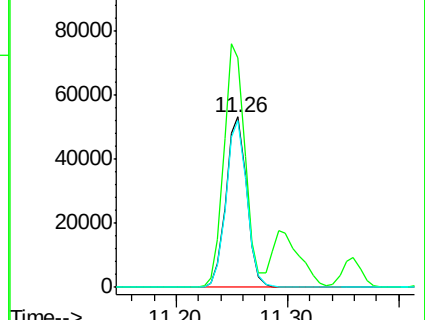
158 97.5 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.511 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007863.D

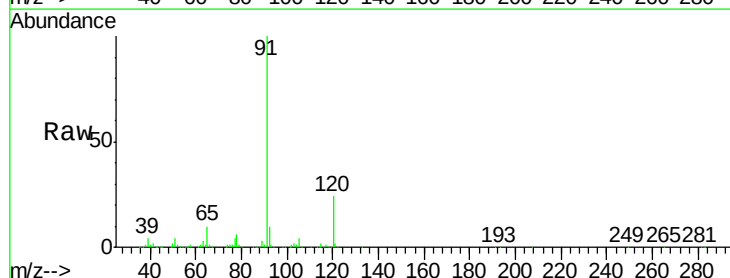
Acq: 06 Mar 2019 16:41

Tgt Ion: 91 Resp: 292553

Ion Ratio Lower Upper

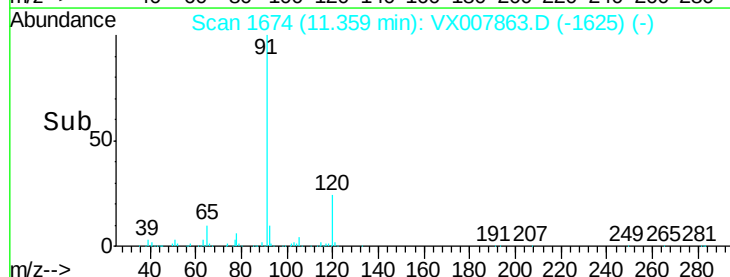
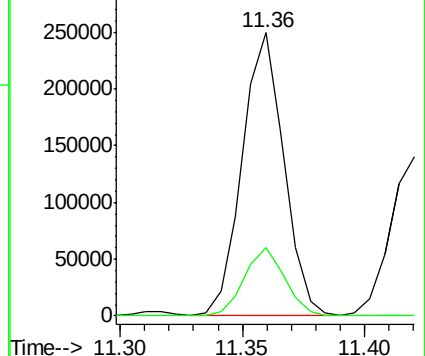
91 100

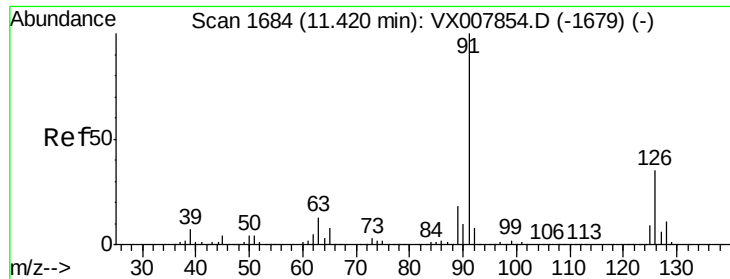
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.904 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampled :

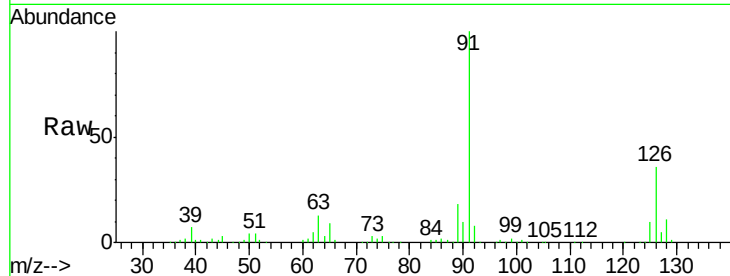
VX0306WBS01

Tgt Ion: 91 Resp: 173312

Ion Ratio Lower Upper

91 100

126 35.7 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX007854.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007854.D (-1679) (-)

250000

200000

150000

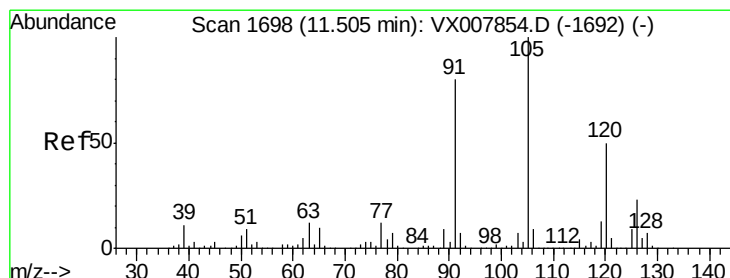
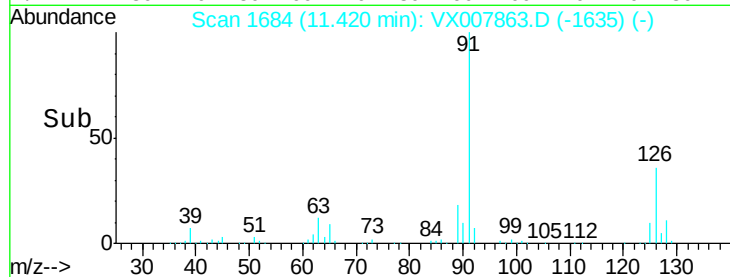
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.343 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007863.D

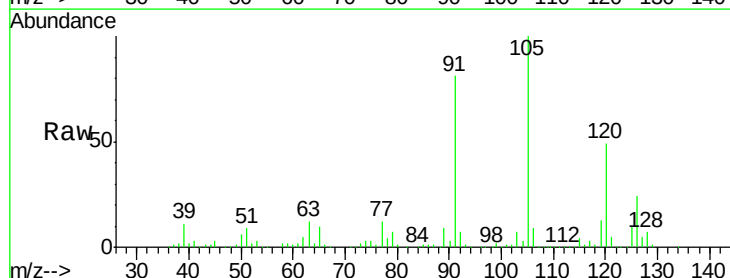
Acq: 06 Mar 2019 16:41

Tgt Ion: 105 Resp: 215181

Ion Ratio Lower Upper

105 100

120 49.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX007854.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007854.D (-1692) (-)

200000

150000

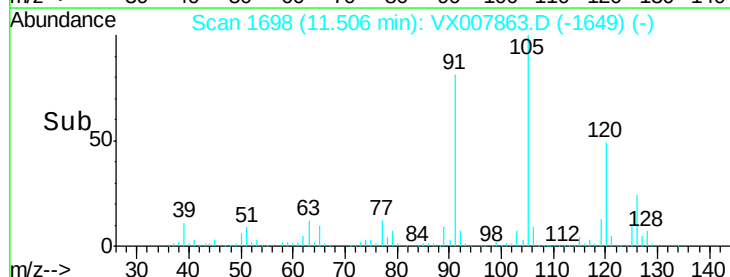
100000

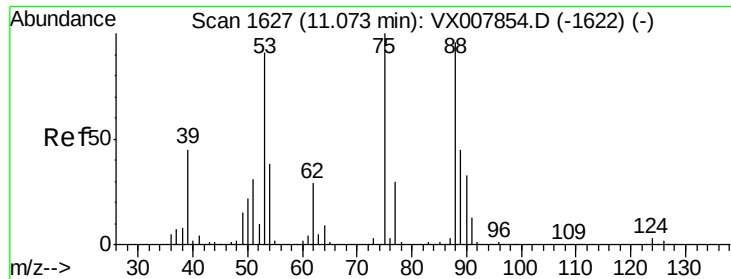
50000

0

11.40 11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.256 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBS01

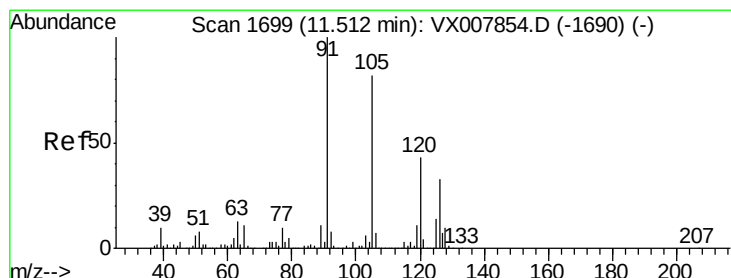
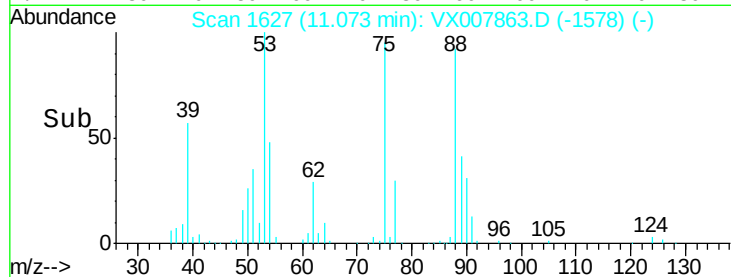
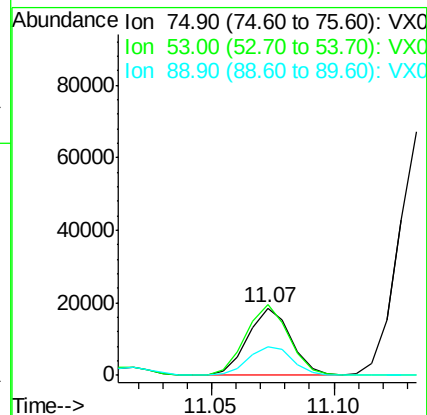
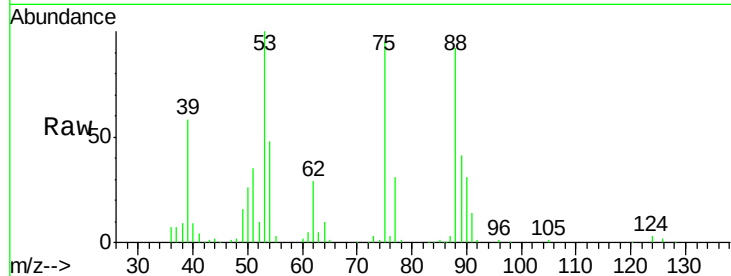
Tgt Ion: 75 Resp: 22639

Ion Ratio Lower Upper

75 100

53 106.3 76.1 114.1

89 44.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 18.961 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007863.D

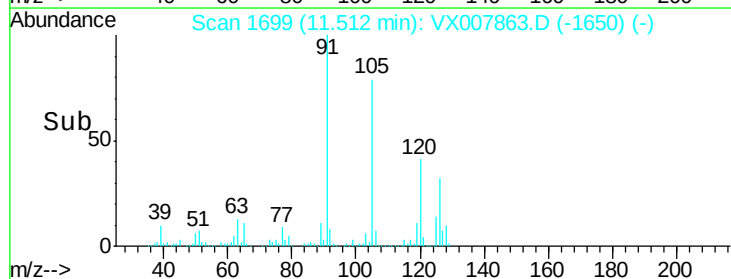
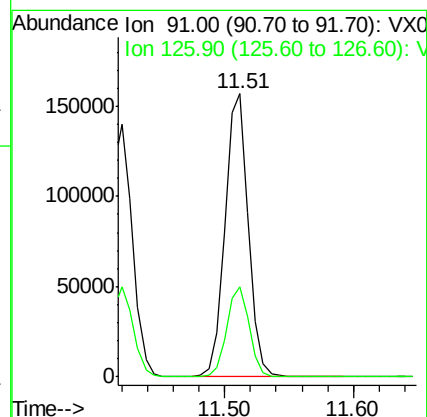
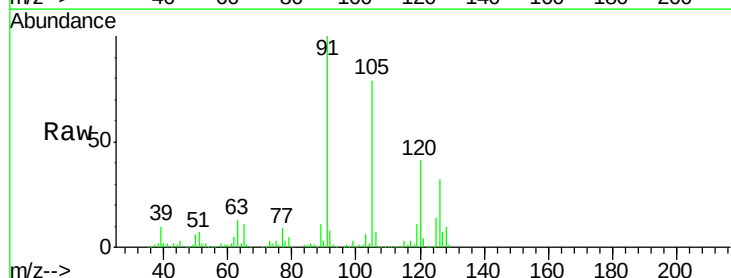
Acq: 06 Mar 2019 16:41

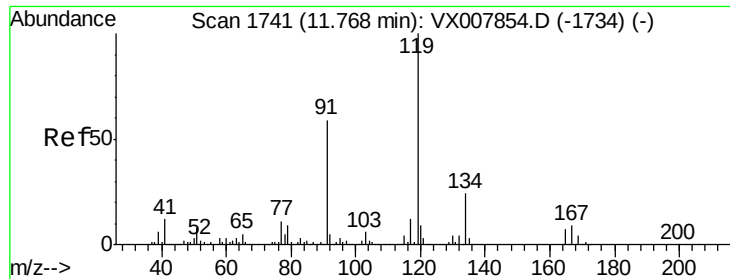
Tgt Ion: 91 Resp: 199208

Ion Ratio Lower Upper

91 100

126 31.1 15.6 46.8

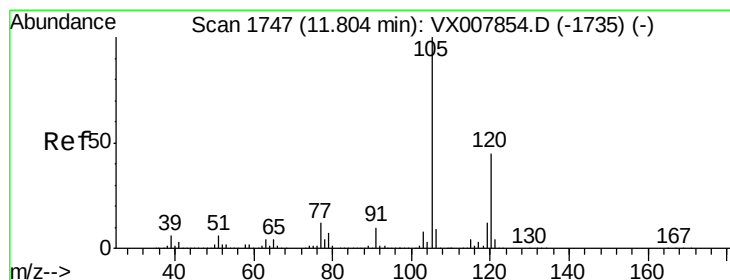
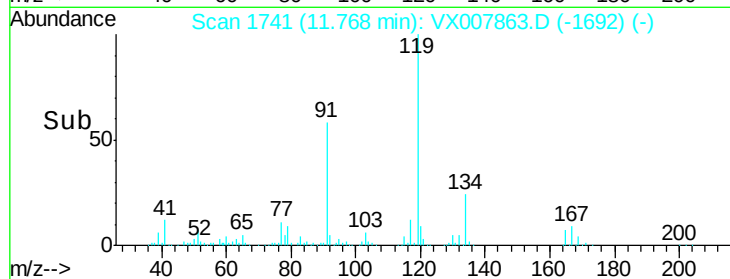
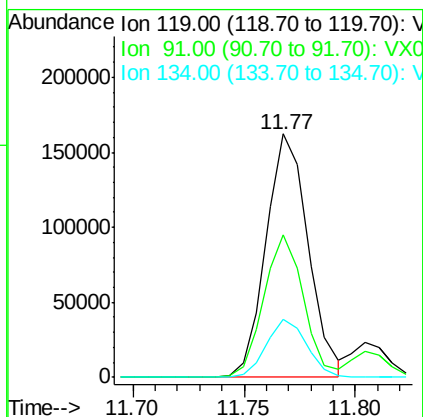
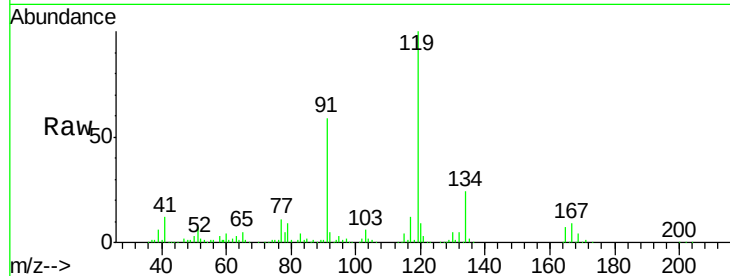




#83
 tert-Butylbenzene
 Concen: 19.034 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007863.D
 Acq: 06 Mar 2019 16:41

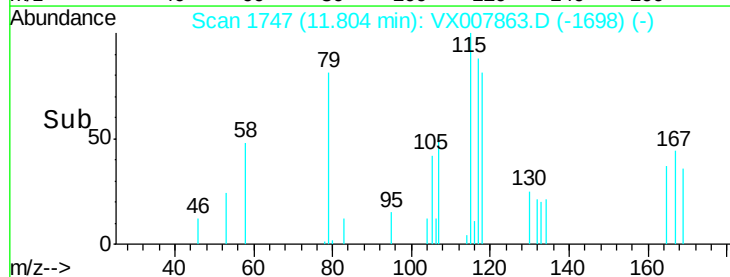
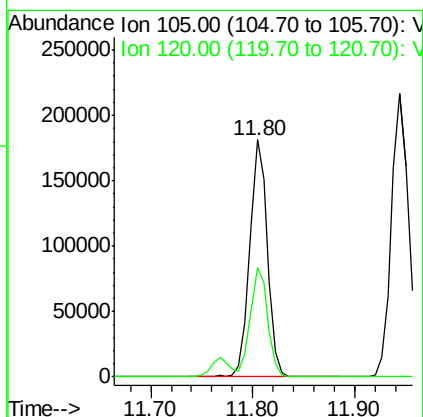
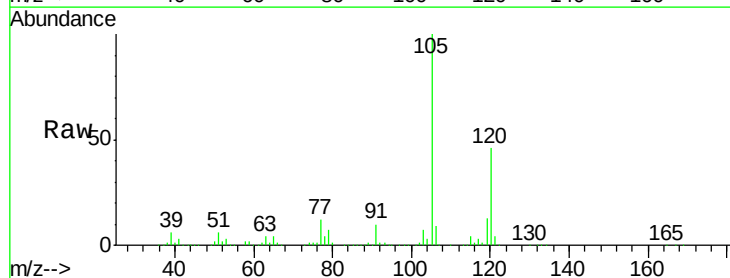
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBS01

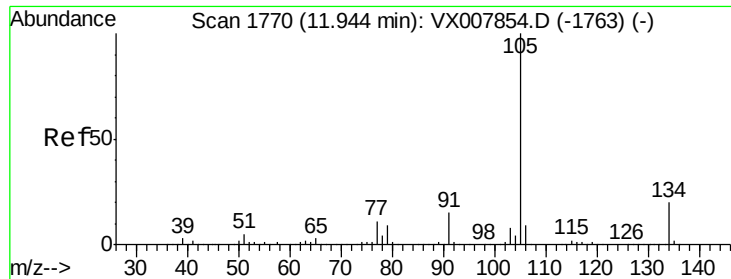
Tgt Ion:119 Resp: 213292
 Ion Ratio Lower Upper
 119 100
 91 55.7 27.1 81.3
 134 22.9 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.241 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007863.D
 Acq: 06 Mar 2019 16:41

Tgt Ion:105 Resp: 219425
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.7





#85

sec-Butylbenzene

Concen: 19.457 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

Instrument :

MSVOA_X

ClientSampleId :

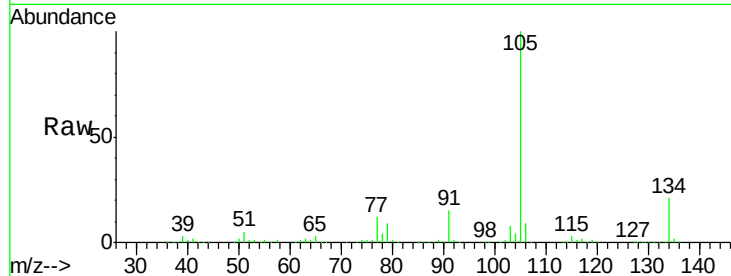
VX0306WBS01

Tgt Ion:105 Resp: 256785

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

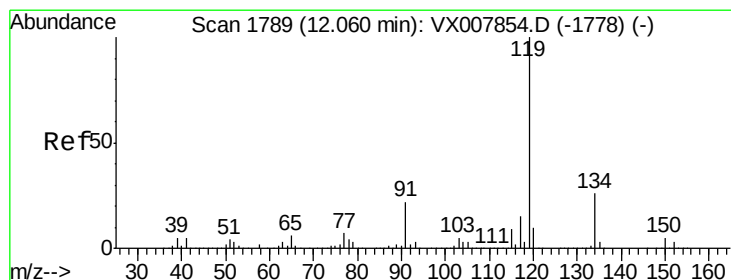
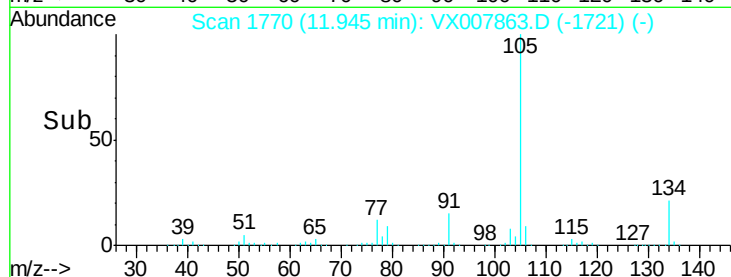
100000

50000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.689 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007863.D

Acq: 06 Mar 2019 16:41

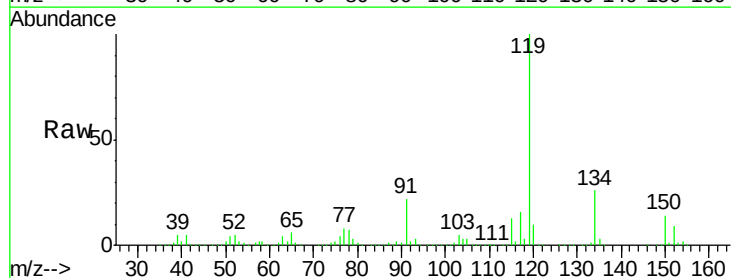
Tgt Ion:119 Resp: 232705

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 22.1 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

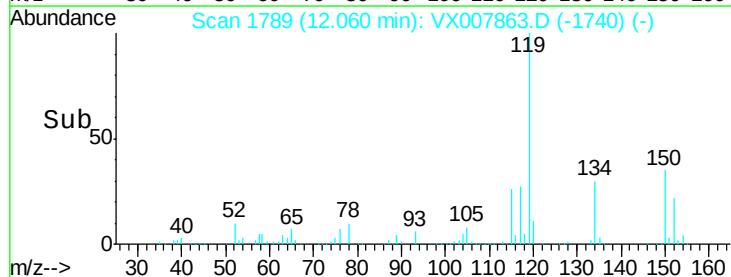
100000

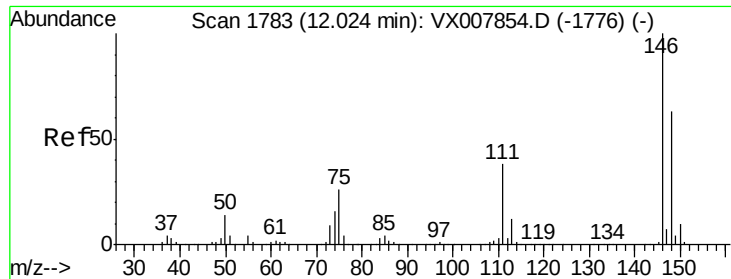
50000

0

12.00 12.10

Time-->

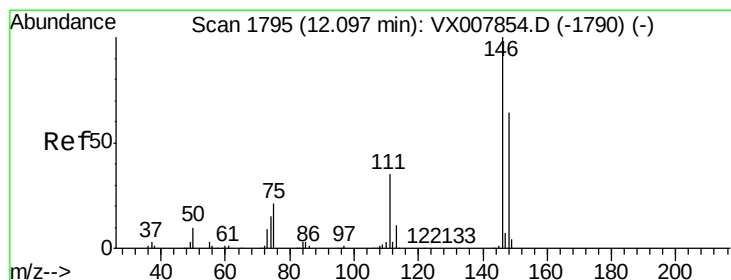
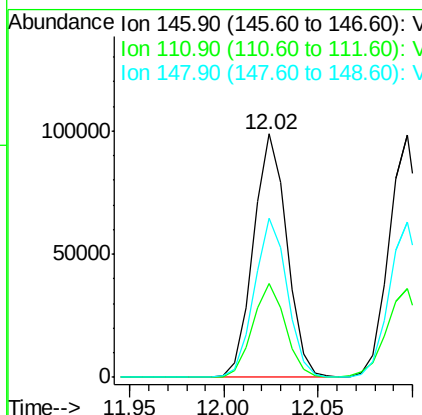
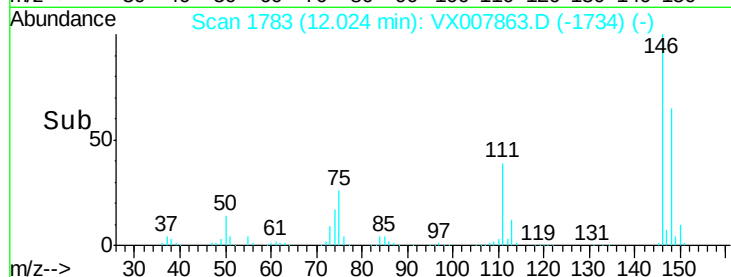
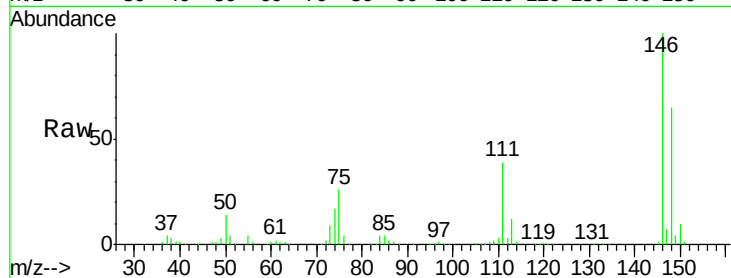




#87
 1,3-Dichlorobenzene
 Concen: 18.519 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007863.D
 Acq: 06 Mar 2019 16:41

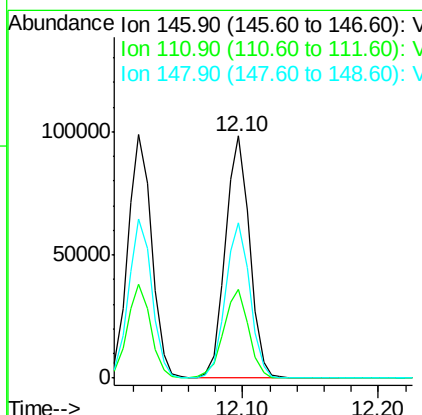
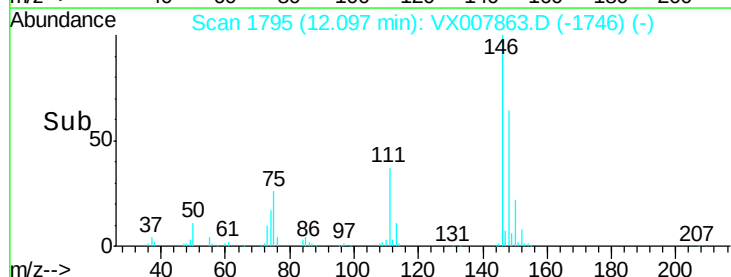
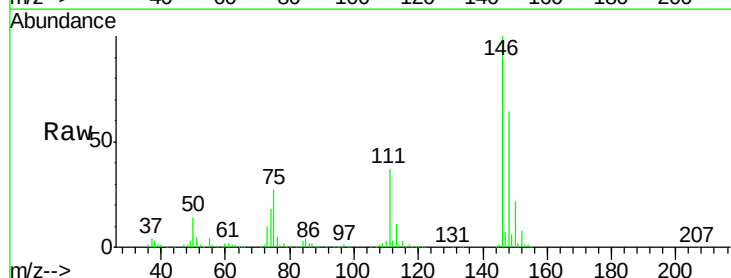
Instrument :
 MSVOA_X
 ClientSampled :
 VX0306WBS01

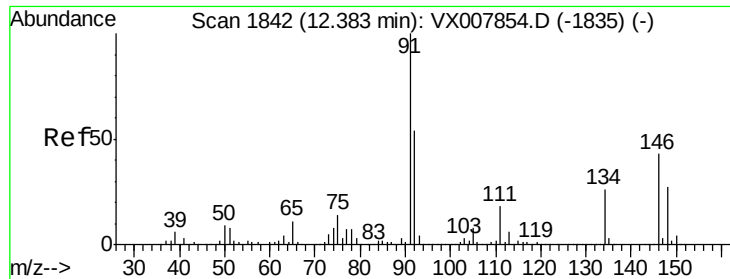
Tgt Ion:146 Resp: 121408
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.7
 148 64.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.118 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007863.D
 Acq: 06 Mar 2019 16:41

Tgt Ion:146 Resp: 121640
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.4 55.0
 148 64.8 32.2 96.6

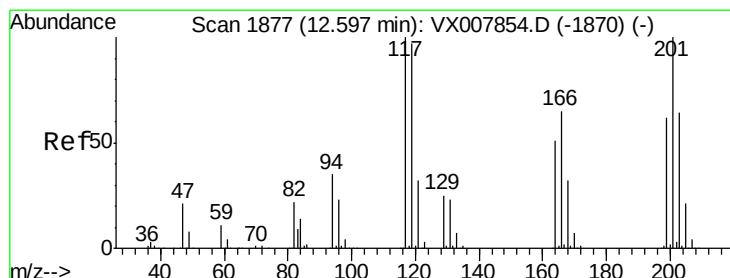
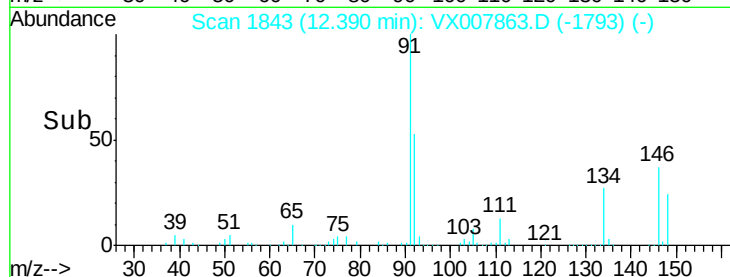
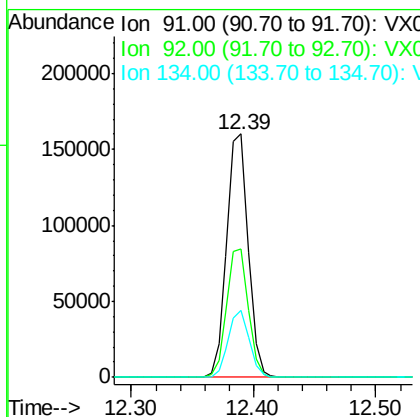
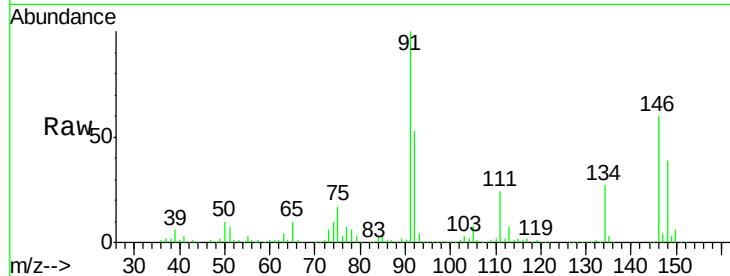




#89
n-Butylbenzene
Concen: 19.408 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

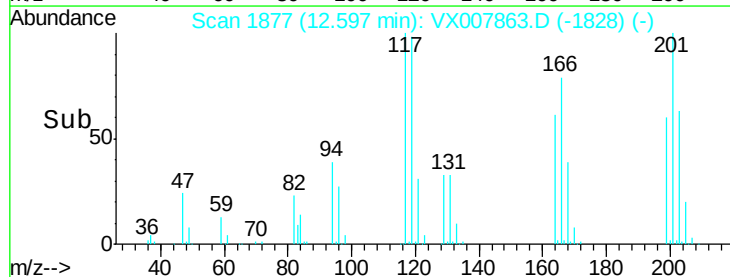
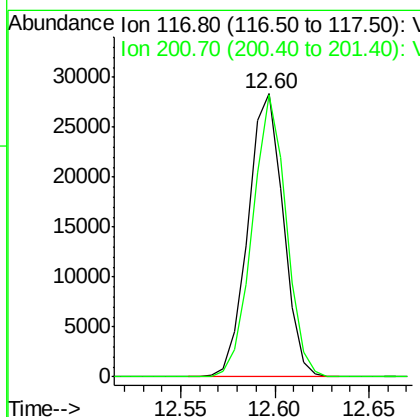
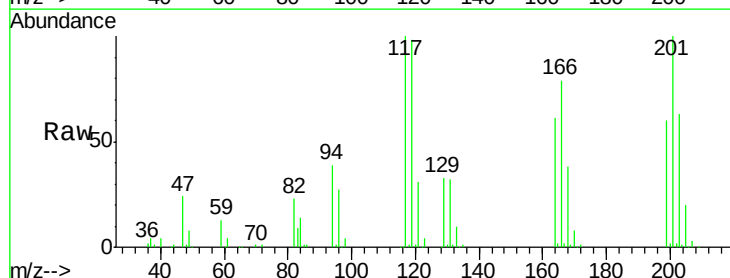
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

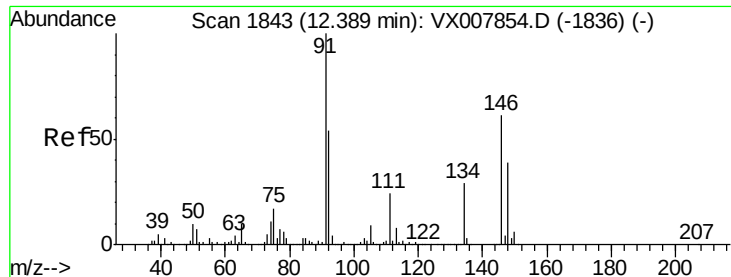
Tgt Ion: 91 Resp: 194338
Ion Ratio Lower Upper
91 100
92 53.4 27.0 80.8
134 26.8 13.7 41.0



#90
Hexachloroethane
Concen: 18.541 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Tgt Ion: 117 Resp: 36639
Ion Ratio Lower Upper
117 100
201 95.7 48.9 146.7

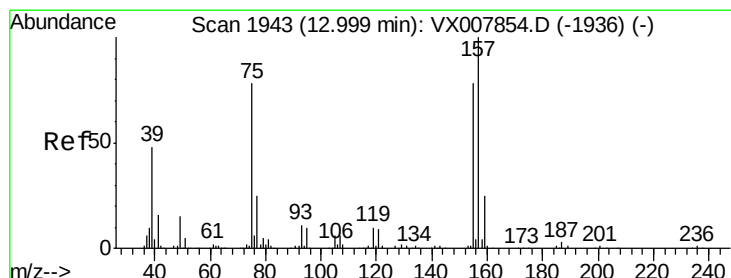
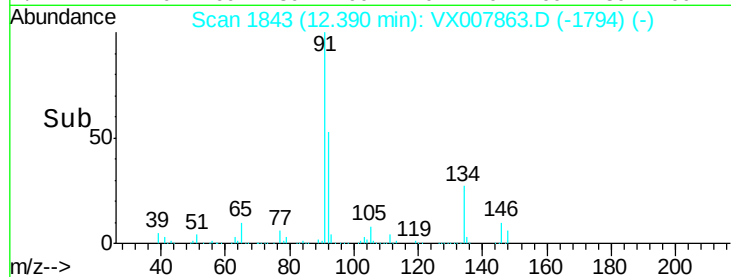
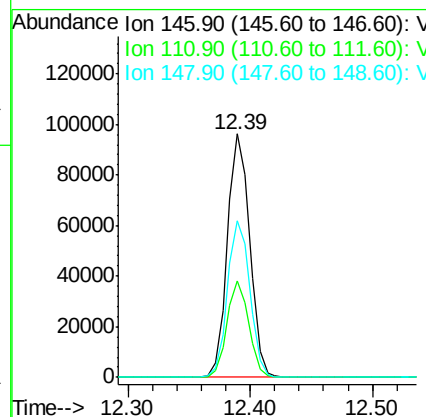
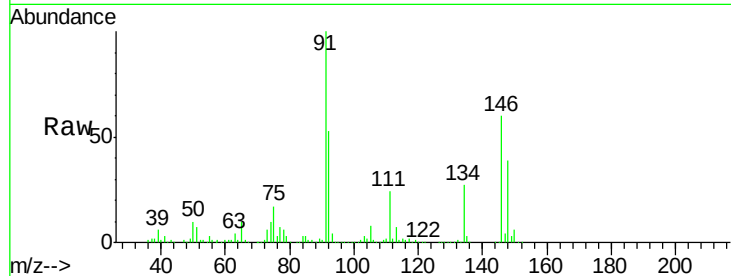




#91
 1,2-Dichlorobenzene
 Concen: 18.688 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007863.D
 Acq: 06 Mar 2019 16:41

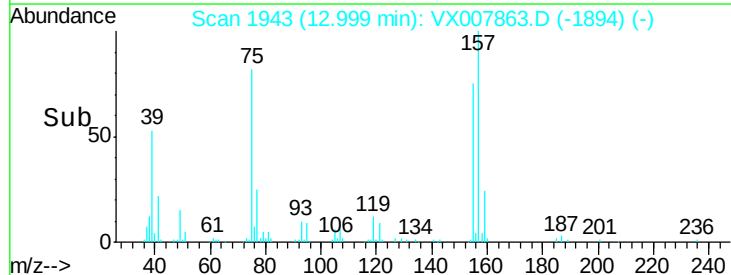
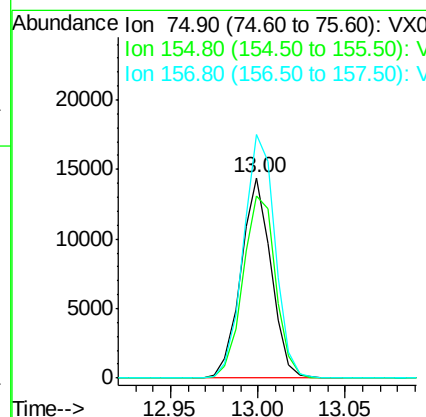
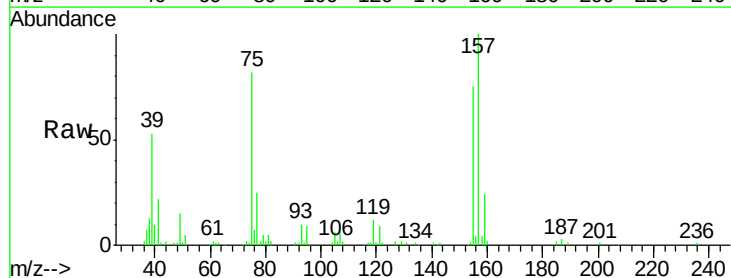
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBS01

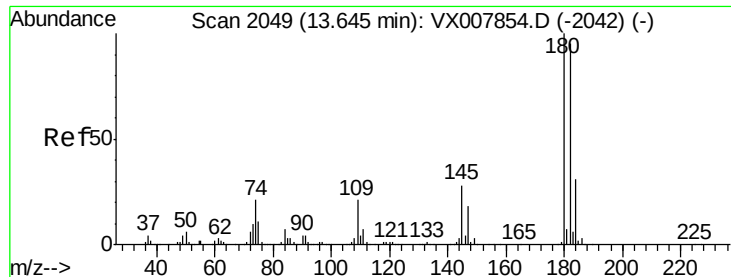
Tgt Ion:146 Resp: 121709
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.6 58.8
 148 64.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.667 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007863.D
 Acq: 06 Mar 2019 16:41

Tgt Ion: 75 Resp: 17214
 Ion Ratio Lower Upper
 75 100
 155 98.6 49.7 149.1
 157 127.5 63.8 191.4

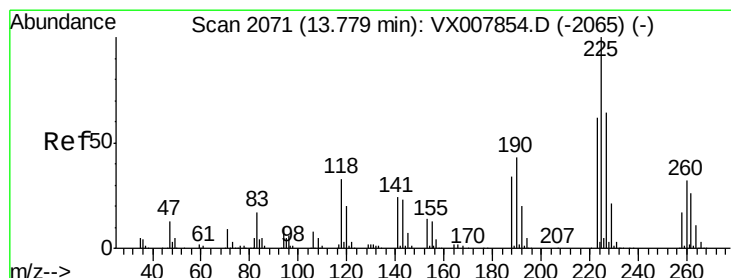
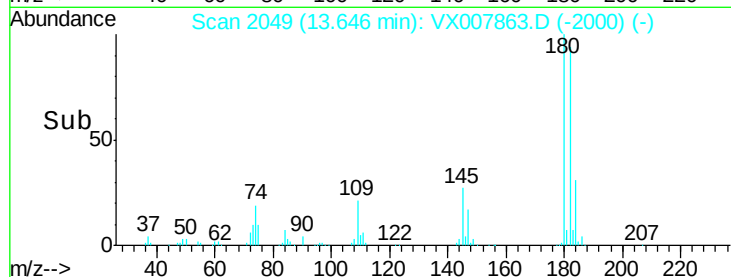
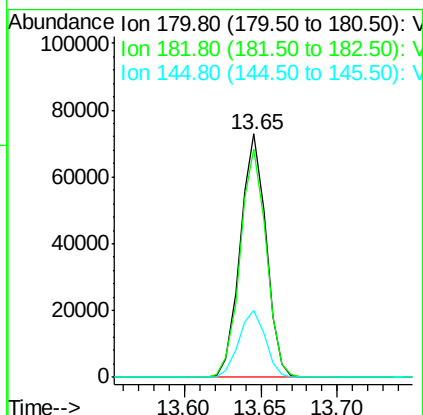
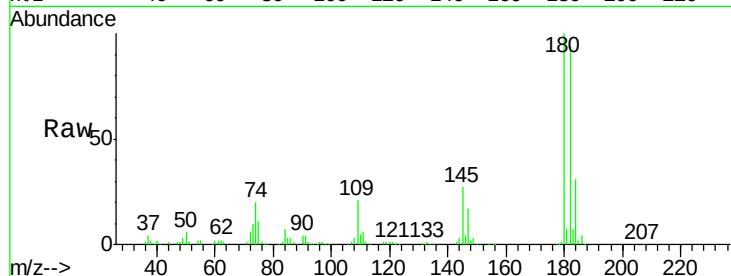




#93
 1,2,4-Trichlorobenzene
 Concen: 18.617 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007863.D
 Acq: 06 Mar 2019 16:41

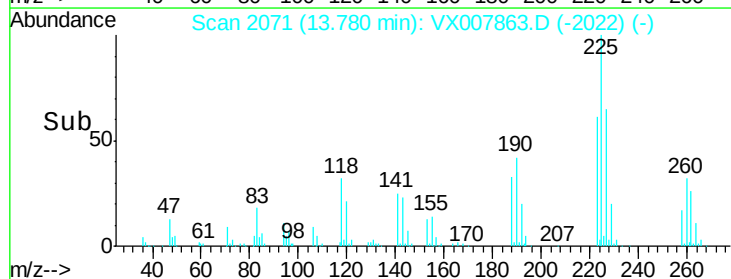
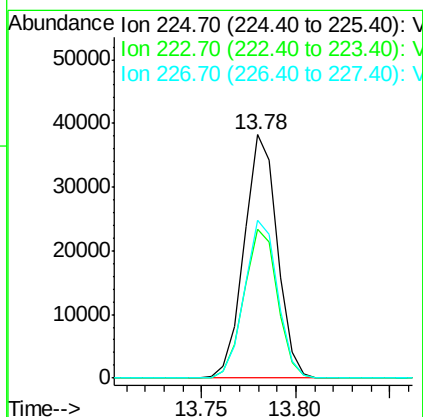
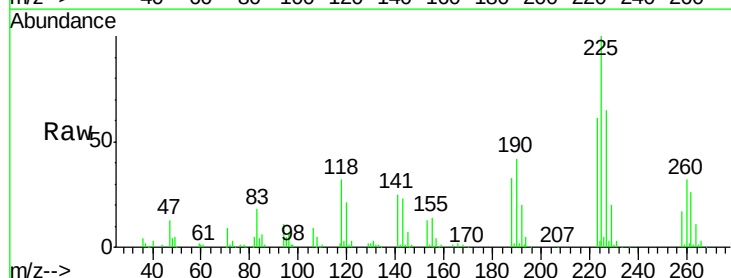
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBS01

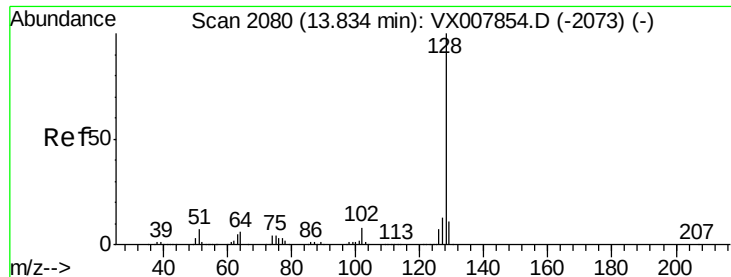
Tgt Ion:180 Resp: 85177
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.9 143.7
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.436 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007863.D
 Acq: 06 Mar 2019 16:41

Tgt Ion:225 Resp: 46490
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.1 93.2
 227 64.8 32.0 96.0

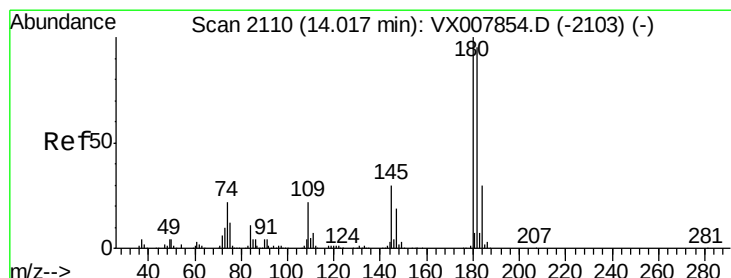
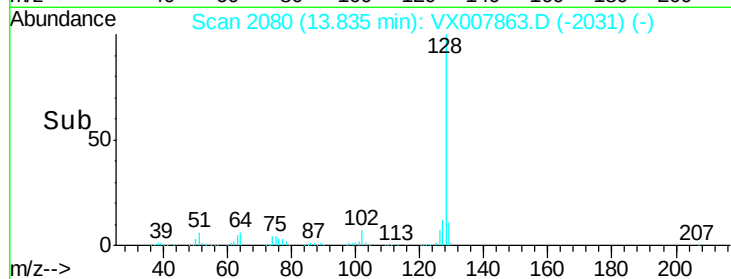
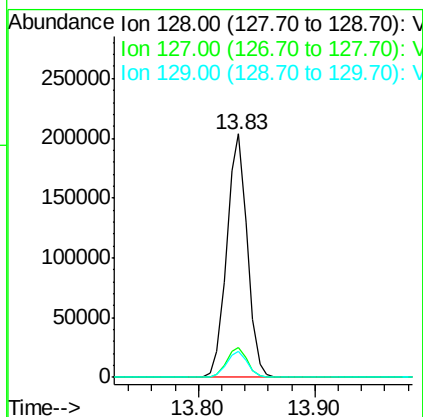
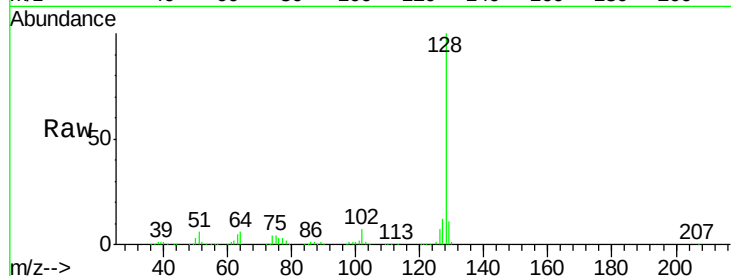




#95
Naphthalene
Concen: 18.744 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Instrument :
MSVOA_X
ClientSampled :
VX0306WBS01

Tgt Ion:128 Resp: 247088
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.657 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007863.D
Acq: 06 Mar 2019 16:41

Tgt Ion:180 Resp: 85033
Ion Ratio Lower Upper
180 100
182 97.2 47.5 142.5
145 30.0 14.8 44.3

